Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121518\
Data File : PQ035538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2018 09:01
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 15 23:59:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 12 22:07:58 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.434	3.744	231.6E6	133.4E6	59.189	59.693	
2)	SA Decachlor...	10.142	8.726	140.1E6	83738871	47.547	47.378	
	Target Compounds							
3)	L1 AR-1016-1	5.600	4.823	70878370	42938327	553.965	556.887	
4)	L1 AR-1016-2	5.621	4.841	104.2E6	63466259	543.512	560.859	
5)	L1 AR-1016-3	5.684	5.018	61055738	31725659	533.473	543.253	
6)	L1 AR-1016-4	5.784	5.057	50561135	25368737	530.950	539.522	
7)	L1 AR-1016-5	6.076	5.270	48489877	33062006	532.648	538.575	
8)	L2 AR-1221-1	4.641	3.954	6799050	3791364	199.023	185.823	
9)	L2 AR-1221-2	4.730	4.042	9047361	5361332	355.121	362.725	
10)	L2 AR-1221-3	4.808	4.117	34667867	20971669	416.579	431.688	
11)	L3 AR-1232-1	4.808	4.117	34667867	20971669	476.744	476.289	
12)	L3 AR-1232-2	5.334	4.841	48395087	63466259	1255.772	1293.584	
13)	L3 AR-1232-3	5.621	5.018	104.2E6	31725659	1274.807	1241.636	
14)	L3 AR-1232-4	5.784	5.098	50561135	30605458	1262.689	1341.384	
15)	L3 AR-1232-5	5.870	5.270	44061967	33062006	1391.348	1323.681	
16)	L4 AR-1242-1	5.600	4.823	70878370	42938327	734.649	725.641	
17)	L4 AR-1242-2	5.621	4.841	104.2E6	63466259	718.471	737.043	
18)	L4 AR-1242-3	5.684	5.018	61055738	31725659	705.716	704.461	
19)	L4 AR-1242-4	5.784	5.098	50561135	30605458	730.863	691.155	
20)	L4 AR-1242-5	6.517	5.619	13554120	36857689	172.768	667.839	#
21)	L5 AR-1248-1	5.600	4.823	70878370	42938327	1073.819	1088.292	
22)	L5 AR-1248-2	5.870	5.057	44061967	25368737	464.863	467.420	
23)	L5 AR-1248-3	6.076	5.098	48489877	30605458	464.062	548.459	
24)	L5 AR-1248-4	6.478	5.270	16549707	33062006	134.389	477.602	#
25)	L5 AR-1248-5	6.517	5.659	13554120	8090504	115.854	114.788	
26)	L6 AR-1254-1	6.451	5.619	51893789	36857689	340.884	276.319	
27)	L6 AR-1254-2	6.666	5.764	46698708	27773768	197.366	240.363	
28)	L6 AR-1254-3	7.037	6.177	27050965	47217872	105.357	244.578	#
29)	L6 AR-1254-4	7.321	6.394	15629340	6568408	86.200	54.580	#
30)	L6 AR-1254-5	7.740	6.808	131.2E6	89079515	669.063	546.962	
31)	L7 AR-1260-1	7.197	6.294	96316052	64023819	522.316	508.985	
32)	L7 AR-1260-2	7.453	6.481	108.4E6	76439465	498.857	506.178	
33)	L7 AR-1260-3	7.813	6.634	63645800	71278324	475.103	510.098	
34)	L7 AR-1260-4	8.040	7.102	76784402	45817906	465.895	493.431	
35)	L7 AR-1260-5	8.359	7.344	142.4E6	110.5E6	477.644	492.391	
36)	L8 AR-1262-1	7.813	6.842	63645800	51597150	290.520	336.208	
37)	L8 AR-1262-2	8.359	7.344	142.4E6	110.5E6	378.048	414.040	
38)	L8 AR-1262-3	8.689	7.623	86437650	19951518	359.573	192.243	#
39)	L8 AR-1262-4	8.741	7.689	49541227	75182317	274.211	405.856	#
40)	L8 AR-1262-5	9.410	8.186	30561269	16417467	268.357	221.178	
41)	L9 AR-1268-1	8.689	7.623	86437650	19951518	179.149	59.831	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121518\
Data File : PQ035538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2018 09:01
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 15 23:59:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 12 22:07:58 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.741	7.689	49541227	75182317	114.822	253.689 #
43) L9	AR-1268-3	8.981	7.945	1871436	1390770	4.952	5.690
44) L9	AR-1268-4	9.410	8.186	30561269	16417467	222.925	175.987
45) L9	AR-1268-5	9.815	8.476	7987645	4843448	6.900	6.631

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

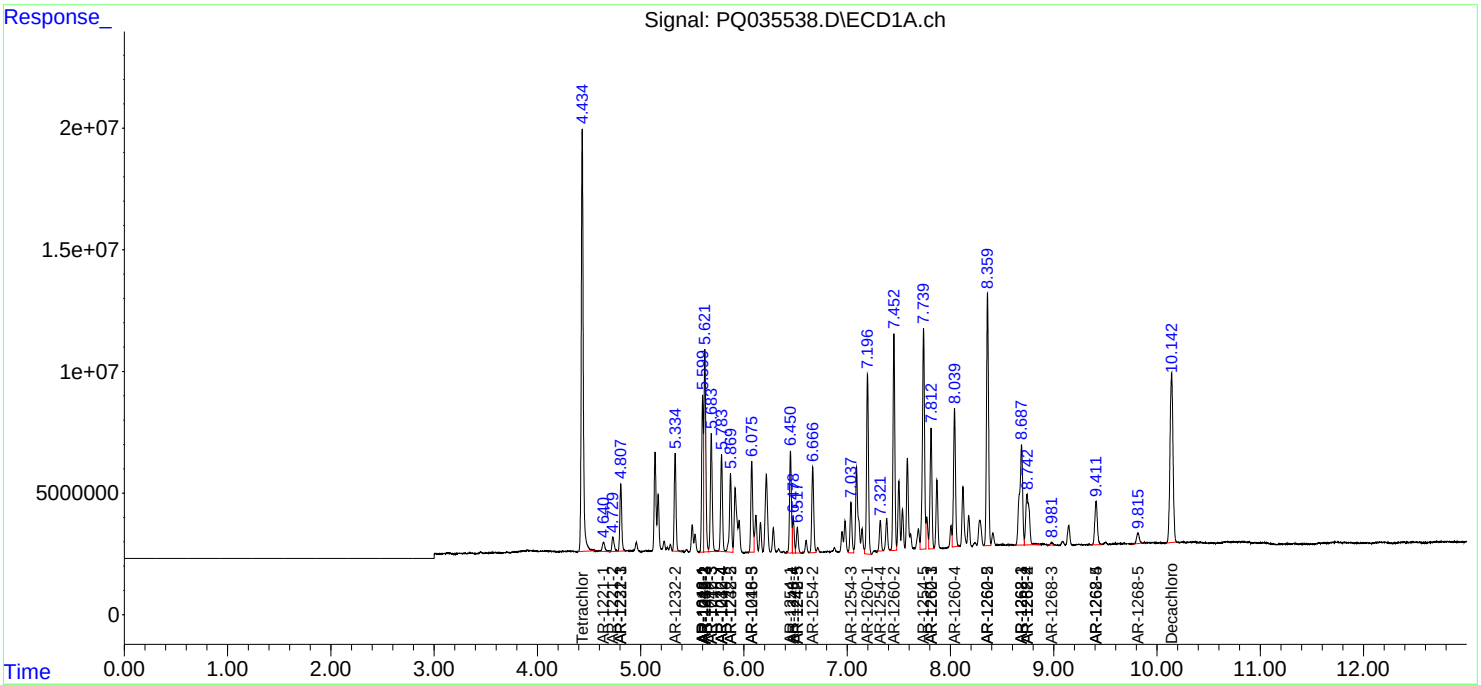
Quantitation Report (Not Reviewed)

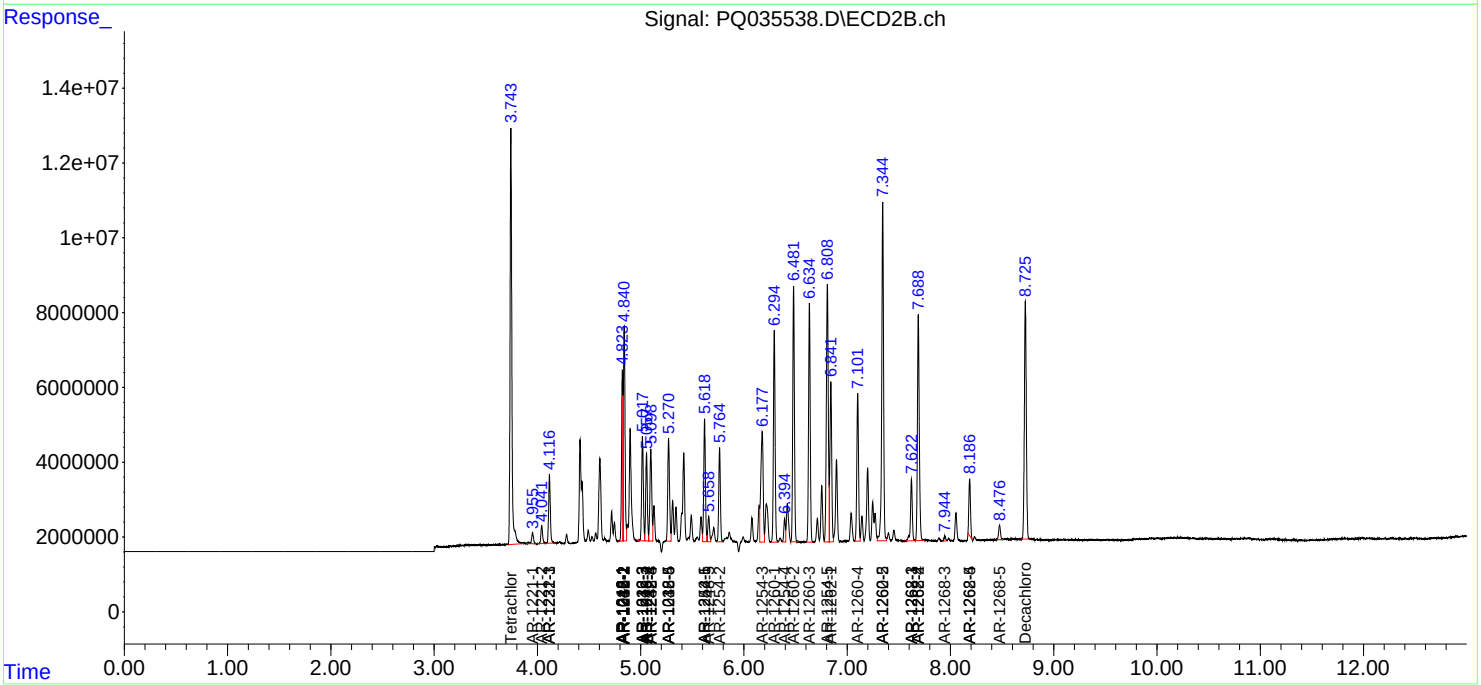
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121518\
Data File : PQ035538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2018 09:01
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

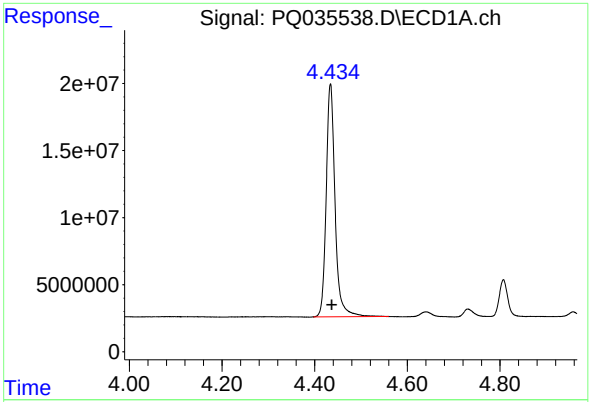
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 15 23:59:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 12 22:07:58 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



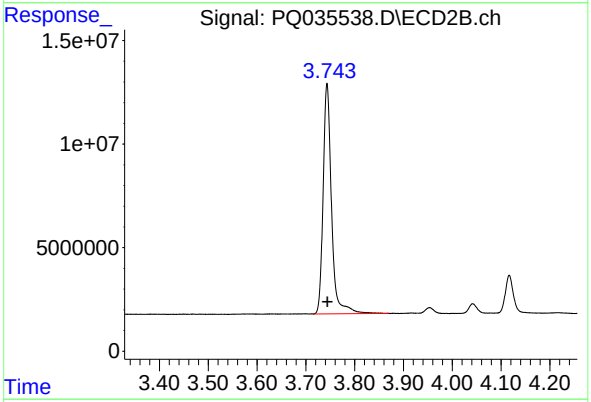




#1 Tetrachloro-m-xylene

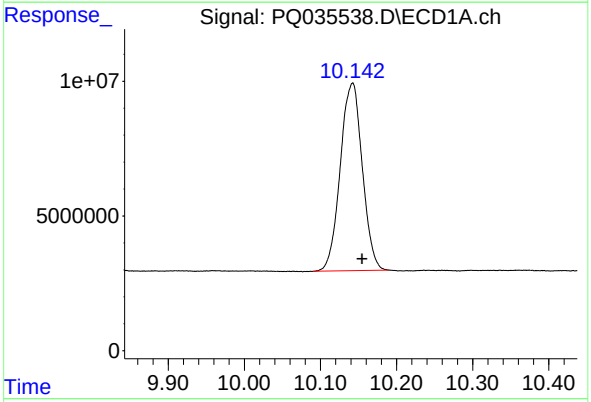
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 231585143
Conc: 59.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



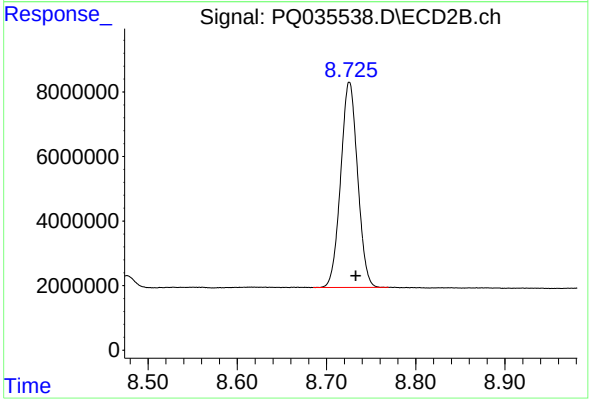
#1 Tetrachloro-m-xylene

R.T.: 3.744 min
Delta R.T.: 0.000 min
Response: 133377006
Conc: 59.69 ng/ml



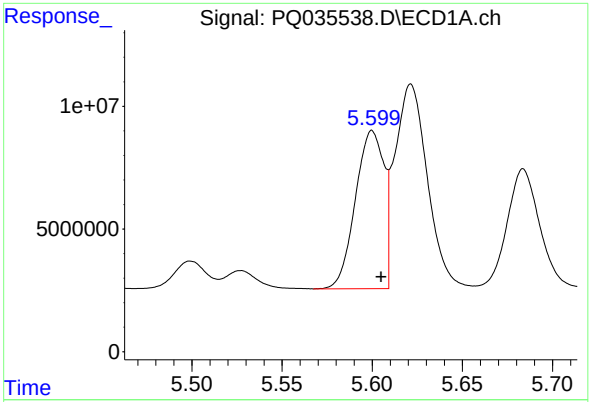
#2 Decachlorobiphenyl

R.T.: 10.142 min
Delta R.T.: -0.013 min
Response: 140149328
Conc: 47.55 ng/ml



#2 Decachlorobiphenyl

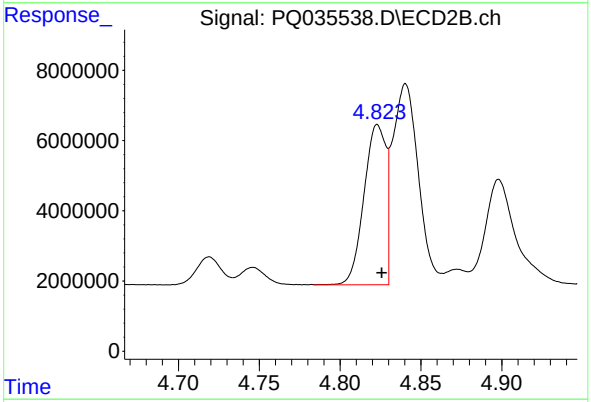
R.T.: 8.726 min
Delta R.T.: -0.007 min
Response: 83738871
Conc: 47.38 ng/ml



#3 AR-1016-1

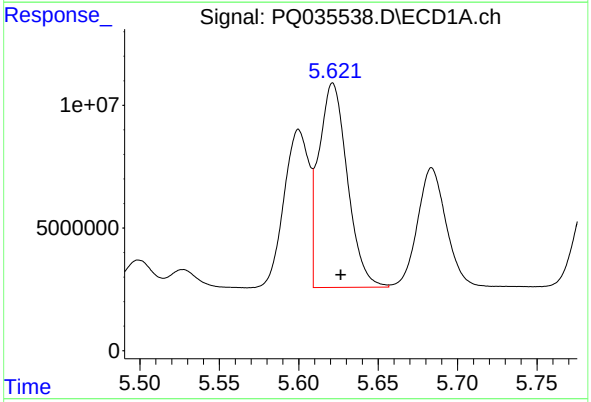
R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 70878370
Conc: 553.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



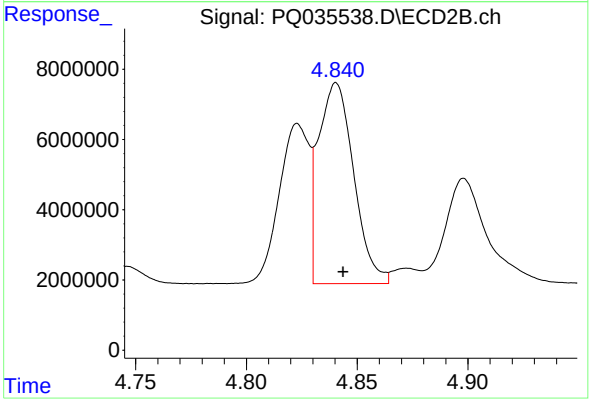
#3 AR-1016-1

R.T.: 4.823 min
Delta R.T.: -0.003 min
Response: 42938327
Conc: 556.89 ng/ml



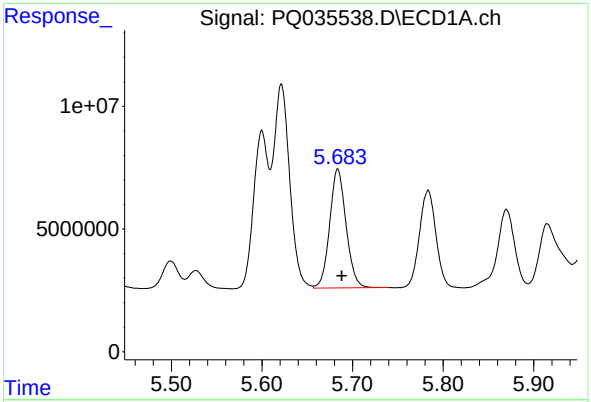
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: -0.005 min
Response: 104240261
Conc: 543.51 ng/ml



#4 AR-1016-2

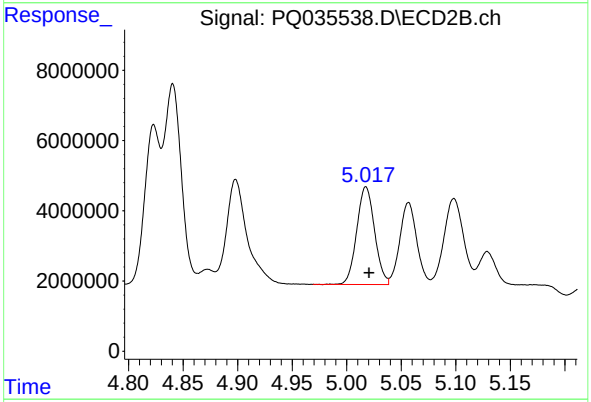
R.T.: 4.841 min
Delta R.T.: -0.003 min
Response: 63466259
Conc: 560.86 ng/ml



#5 AR-1016-3

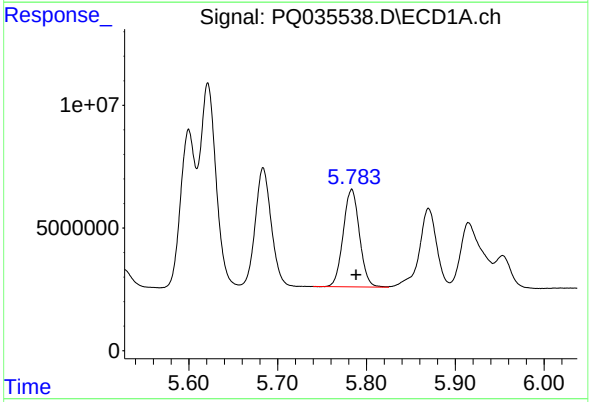
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 61055738
Conc: 533.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



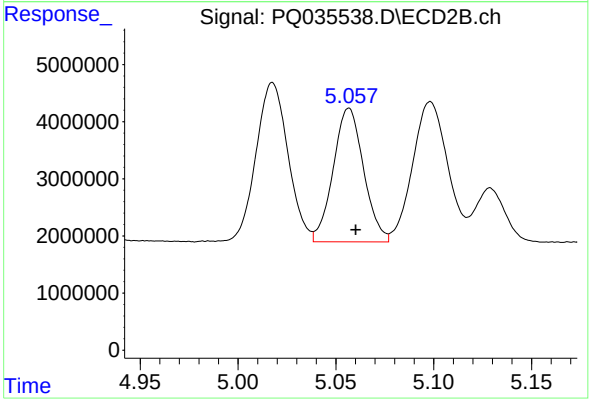
#5 AR-1016-3

R.T.: 5.018 min
Delta R.T.: -0.003 min
Response: 31725659
Conc: 543.25 ng/ml



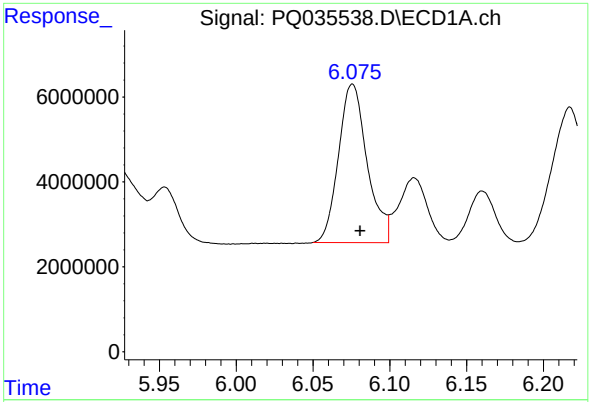
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.005 min
Response: 50561135
Conc: 530.95 ng/ml



#6 AR-1016-4

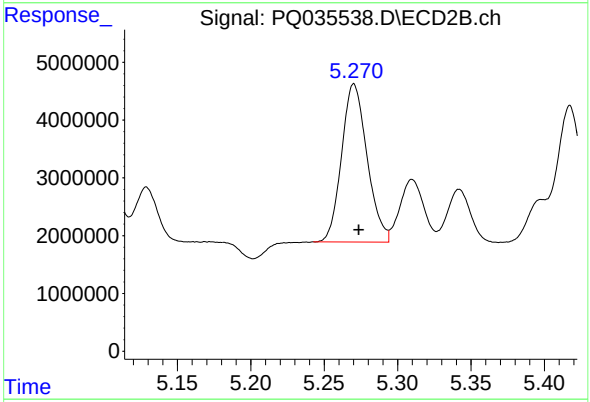
R.T.: 5.057 min
Delta R.T.: -0.003 min
Response: 25368737
Conc: 539.52 ng/ml



#7 AR-1016-5

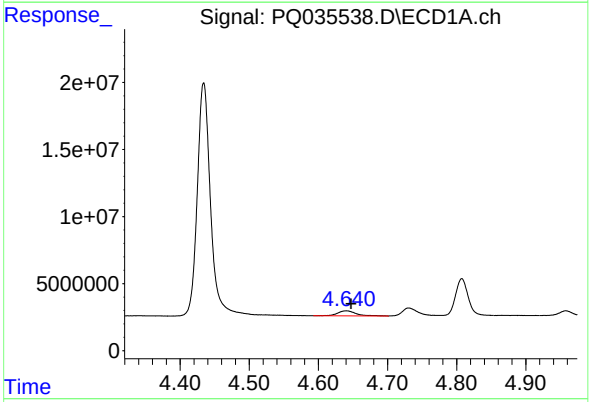
R.T.: 6.076 min
Delta R.T.: -0.005 min
Response: 48489877
Conc: 532.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



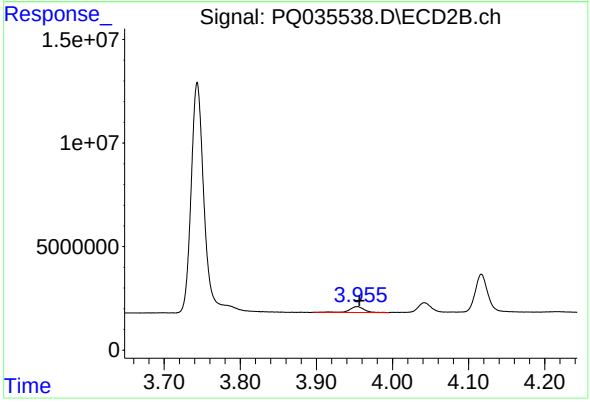
#7 AR-1016-5

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 33062006
Conc: 538.58 ng/ml



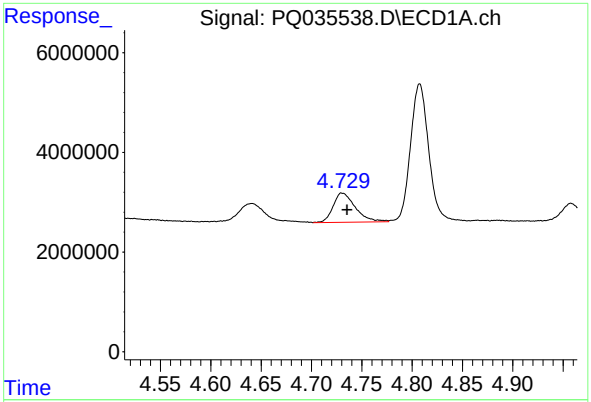
#8 AR-1221-1

R.T.: 4.641 min
Delta R.T.: -0.006 min
Response: 6799050
Conc: 199.02 ng/ml



#8 AR-1221-1

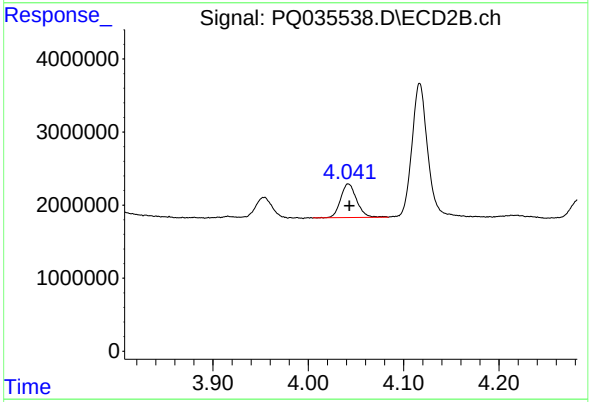
R.T.: 3.954 min
Delta R.T.: -0.003 min
Response: 3791364
Conc: 185.82 ng/ml



#9 AR-1221-2

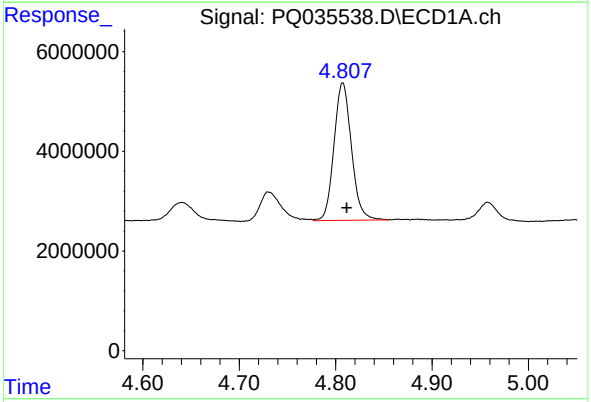
R.T.: 4.730 min
Delta R.T.: -0.005 min
Response: 9047361
Conc: 355.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



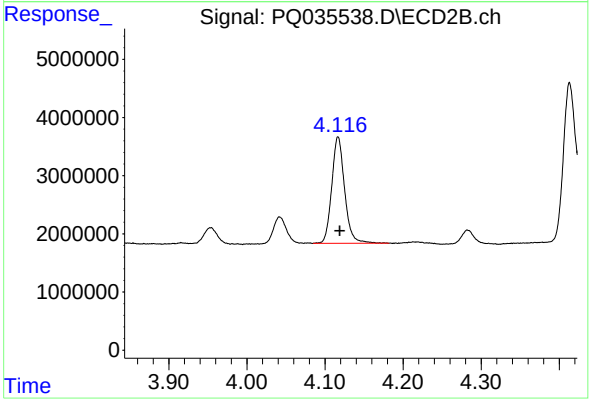
#9 AR-1221-2

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 5361332
Conc: 362.72 ng/ml



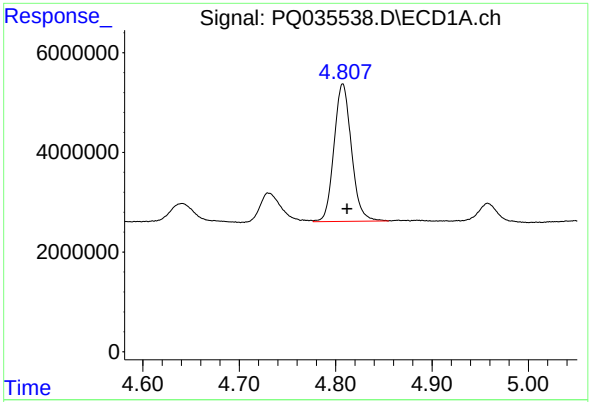
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 34667867
Conc: 416.58 ng/ml



#10 AR-1221-3

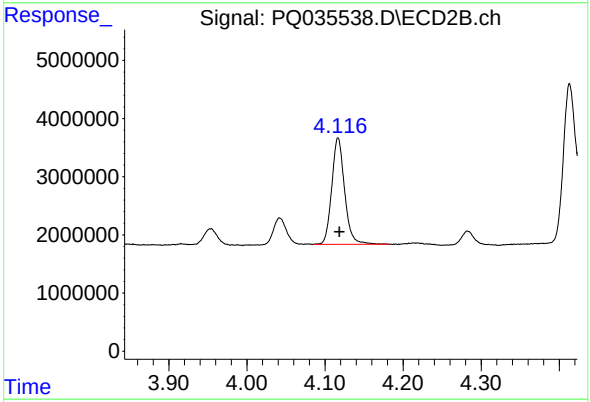
R.T.: 4.117 min
Delta R.T.: -0.002 min
Response: 20971669
Conc: 431.69 ng/ml



#11 AR-1232-1

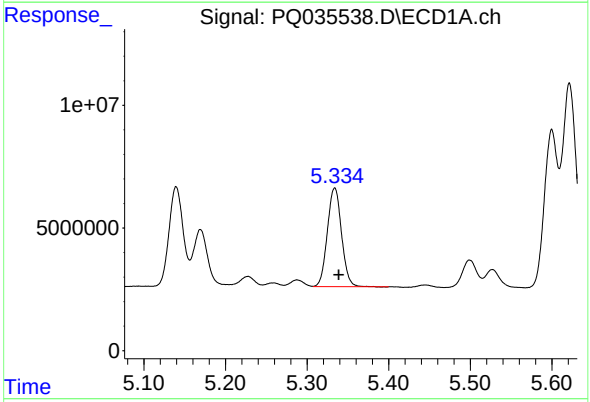
R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 34667867
Conc: 476.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



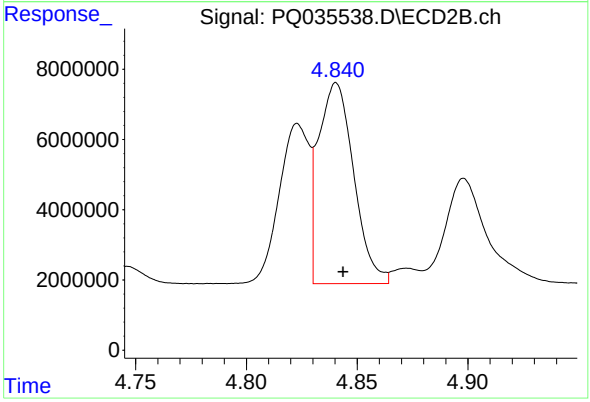
#11 AR-1232-1

R.T.: 4.117 min
Delta R.T.: -0.002 min
Response: 20971669
Conc: 476.29 ng/ml



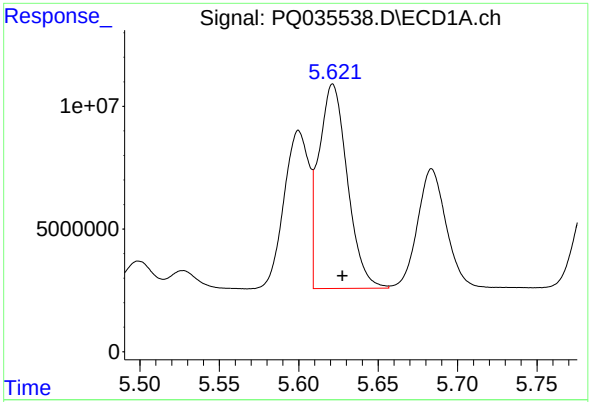
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 48395087
Conc: 1255.77 ng/ml



#12 AR-1232-2

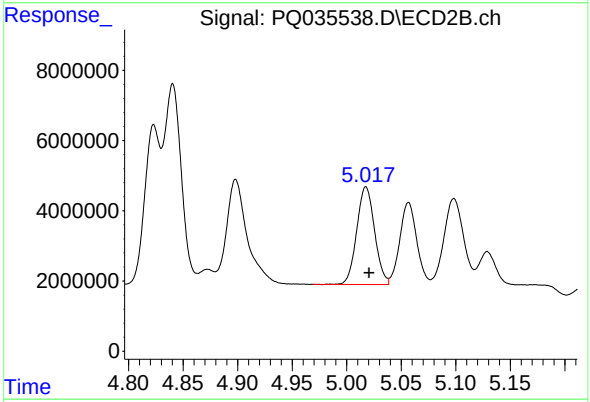
R.T.: 4.841 min
Delta R.T.: -0.003 min
Response: 63466259
Conc: 1293.58 ng/ml



#13 AR-1232-3

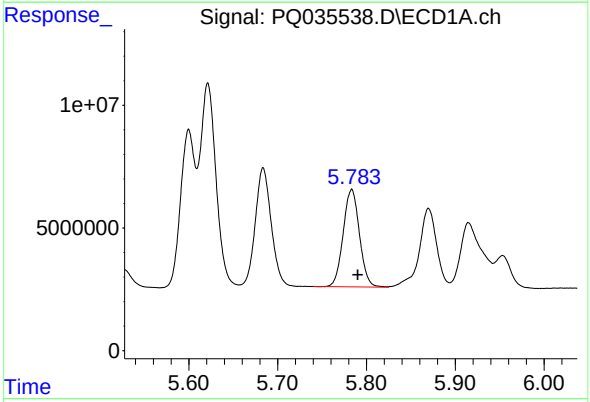
R.T.: 5.621 min
Delta R.T.: -0.006 min
Response: 104240261
Conc: 1274.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



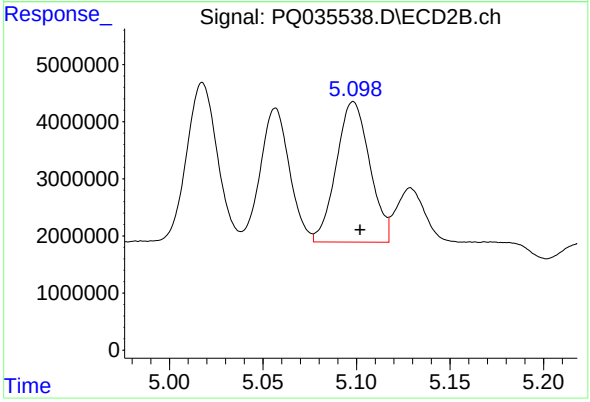
#13 AR-1232-3

R.T.: 5.018 min
Delta R.T.: -0.003 min
Response: 31725659
Conc: 1241.64 ng/ml



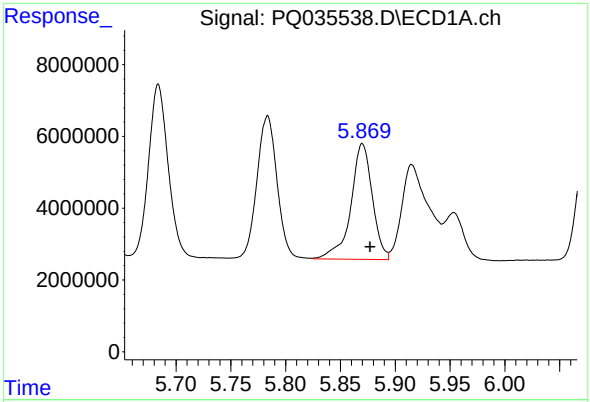
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 50561135
Conc: 1262.69 ng/ml



#14 AR-1232-4

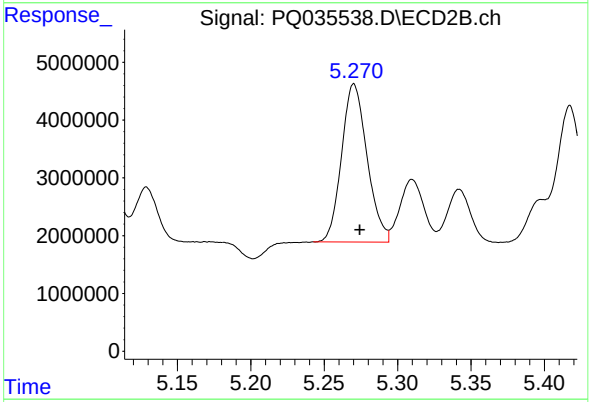
R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 30605458
Conc: 1341.38 ng/ml



#15 AR-1232-5

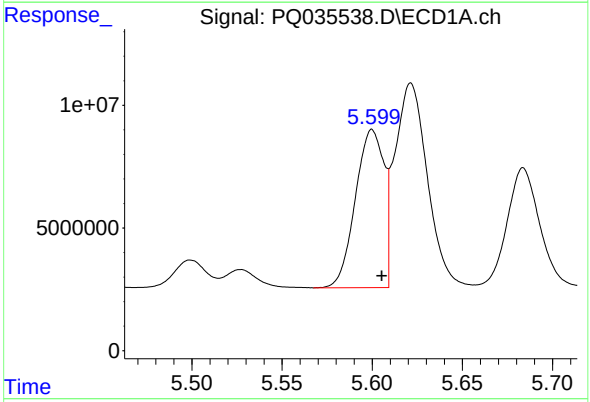
R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 44061967
Conc: 1391.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



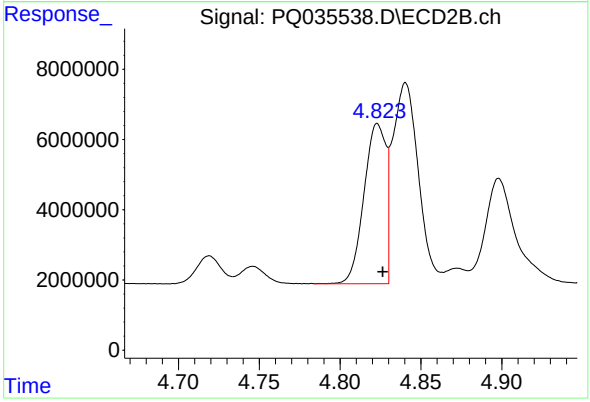
#15 AR-1232-5

R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 33062006
Conc: 1323.68 ng/ml



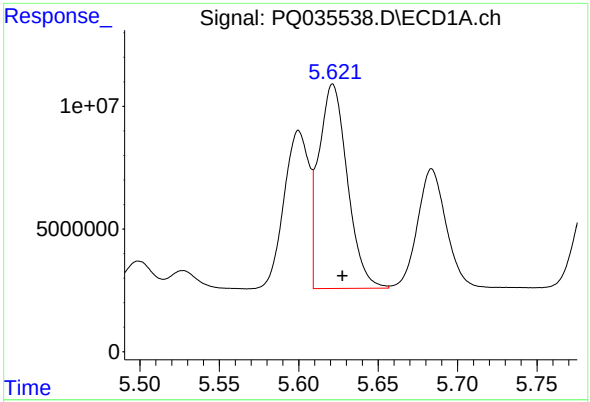
#16 AR-1242-1

R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 70878370
Conc: 734.65 ng/ml



#16 AR-1242-1

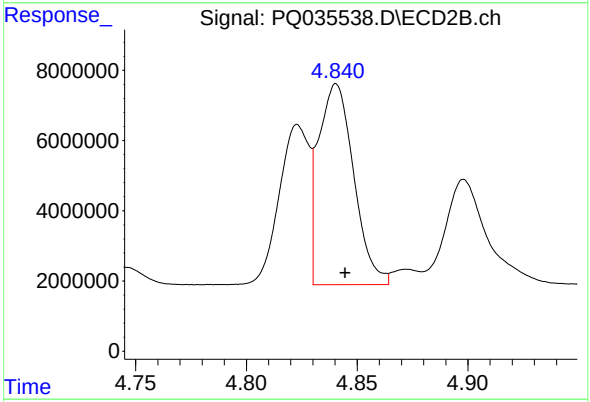
R.T.: 4.823 min
Delta R.T.: -0.003 min
Response: 42938327
Conc: 725.64 ng/ml



#17 AR-1242-2

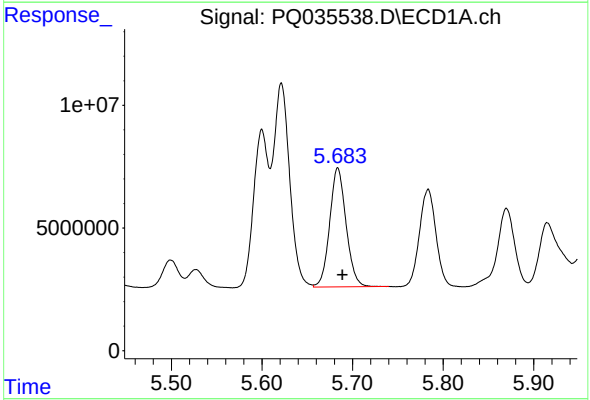
R.T.: 5.621 min
Delta R.T.: -0.006 min
Response: 104240261
Conc: 718.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



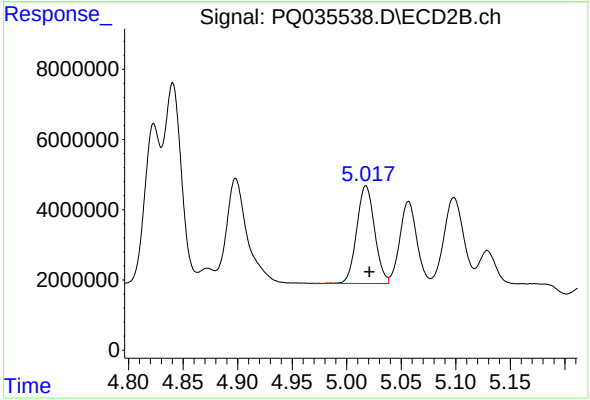
#17 AR-1242-2

R.T.: 4.841 min
Delta R.T.: -0.004 min
Response: 63466259
Conc: 737.04 ng/ml



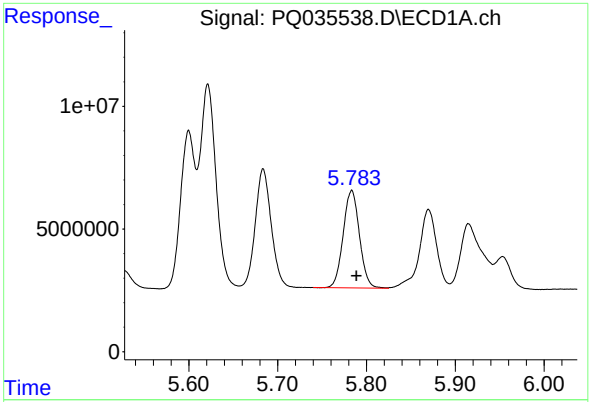
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 61055738
Conc: 705.72 ng/ml



#18 AR-1242-3

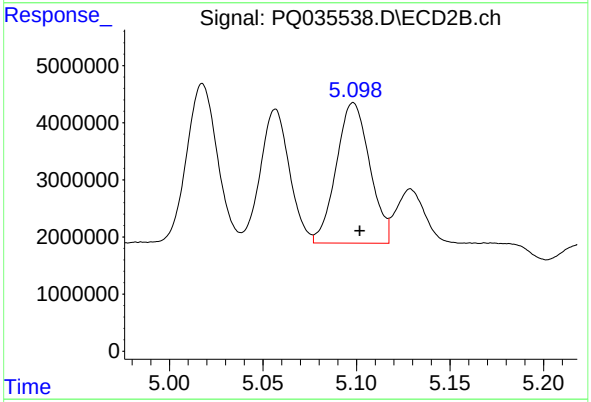
R.T.: 5.018 min
Delta R.T.: -0.003 min
Response: 31725659
Conc: 704.46 ng/ml



#19 AR-1242-4

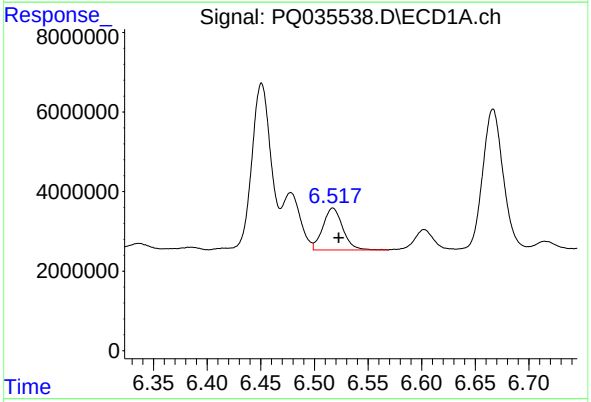
R.T.: 5.784 min
Delta R.T.: -0.005 min
Response: 50561135
Conc: 730.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



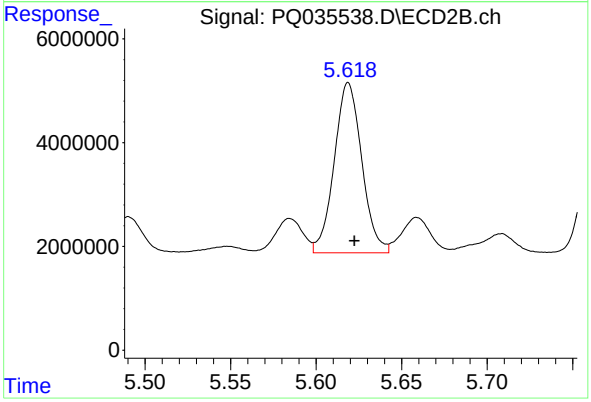
#19 AR-1242-4

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 30605458
Conc: 691.15 ng/ml



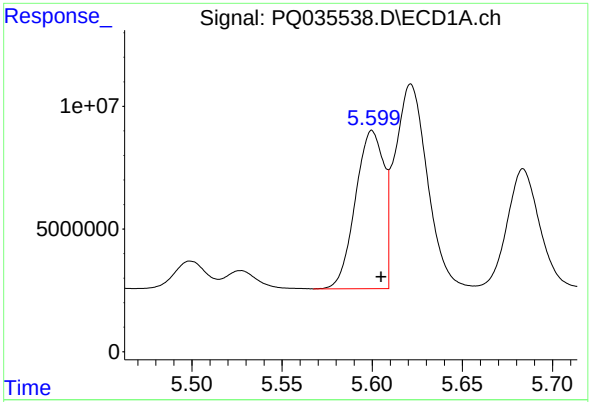
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.006 min
Response: 13554120
Conc: 172.77 ng/ml



#20 AR-1242-5

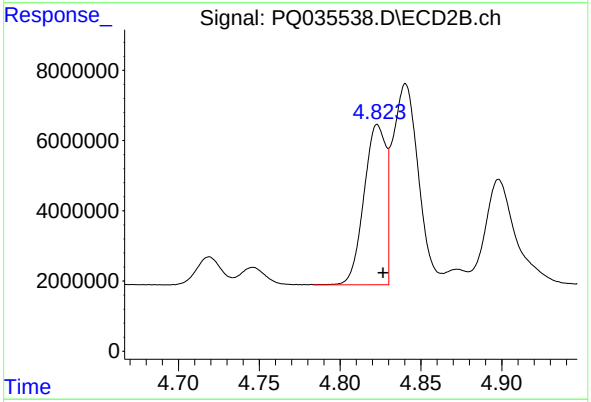
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 36857689
Conc: 667.84 ng/ml



#21 AR-1248-1

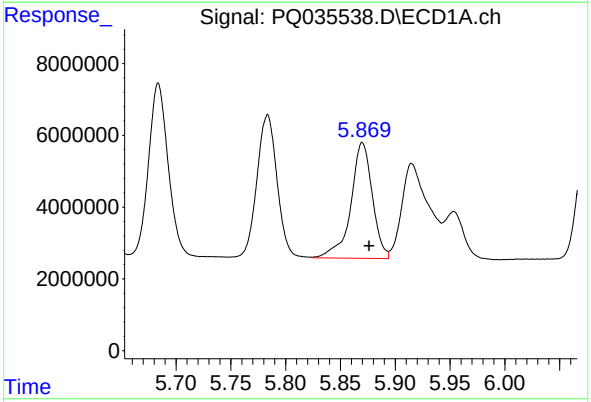
R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 70878370
Conc: 1073.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



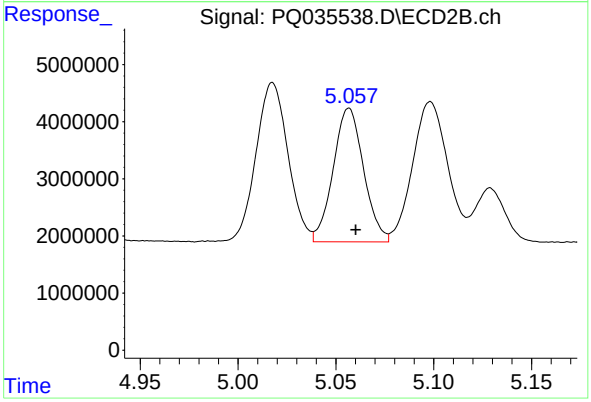
#21 AR-1248-1

R.T.: 4.823 min
Delta R.T.: -0.004 min
Response: 42938327
Conc: 1088.29 ng/ml



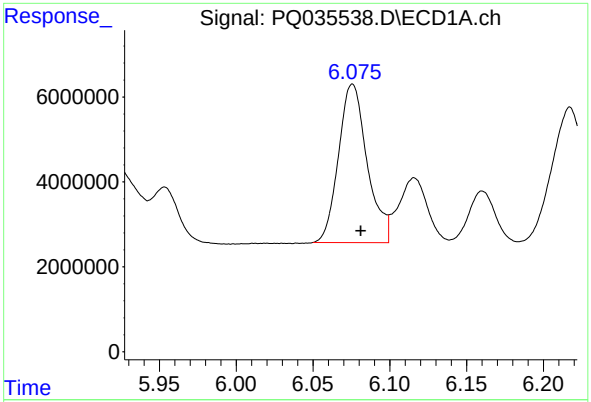
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: -0.006 min
Response: 44061967
Conc: 464.86 ng/ml



#22 AR-1248-2

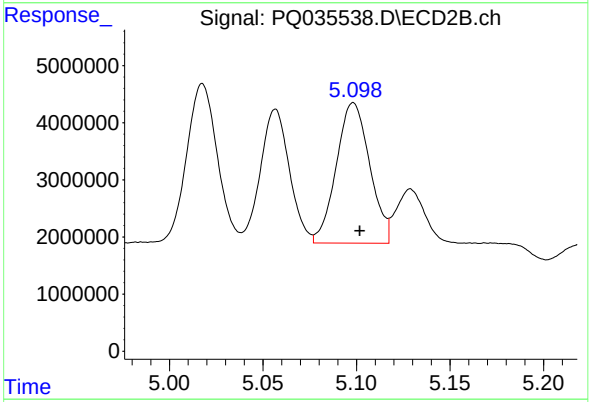
R.T.: 5.057 min
Delta R.T.: -0.003 min
Response: 25368737
Conc: 467.42 ng/ml



#23 AR-1248-3

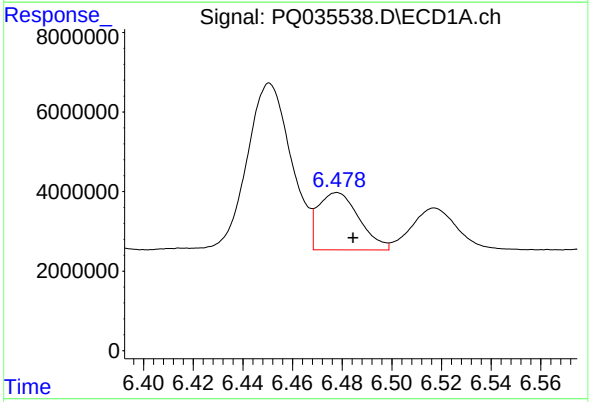
R.T.: 6.076 min
Delta R.T.: -0.005 min
Response: 48489877
Conc: 464.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



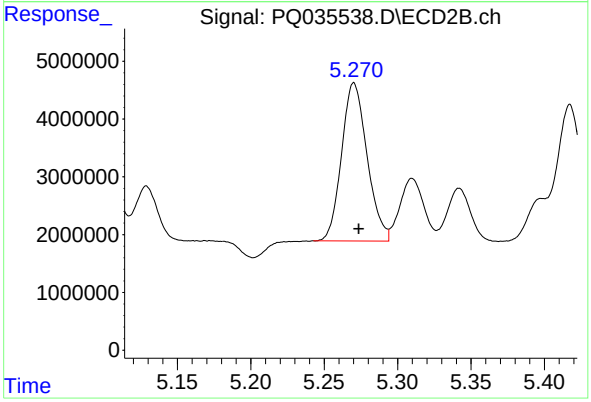
#23 AR-1248-3

R.T.: 5.098 min
Delta R.T.: -0.003 min
Response: 30605458
Conc: 548.46 ng/ml



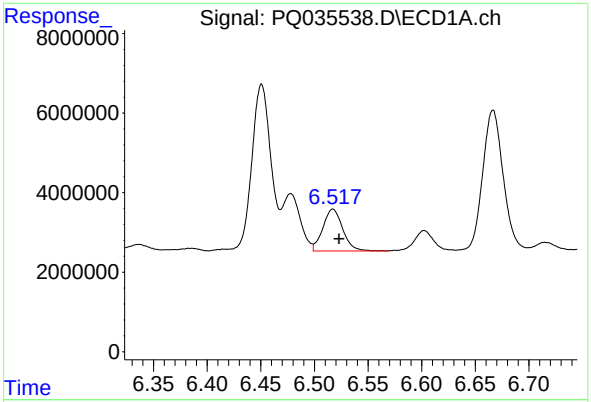
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 16549707
Conc: 134.39 ng/ml



#24 AR-1248-4

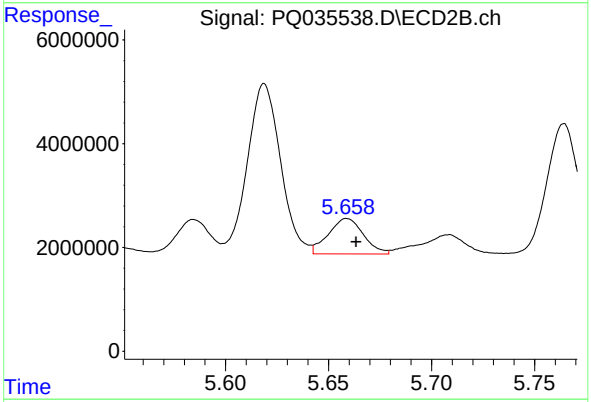
R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 33062006
Conc: 477.60 ng/ml



#25 AR-1248-5

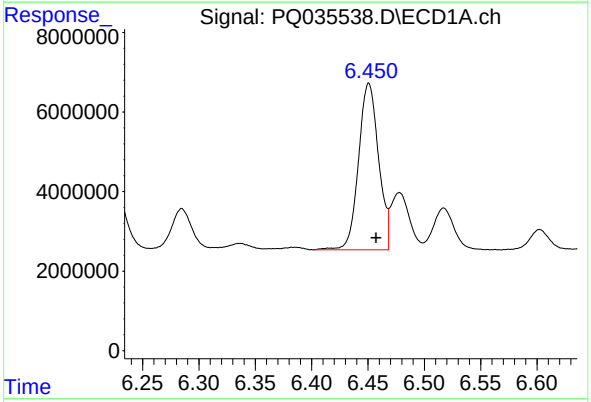
R.T.: 6.517 min
Delta R.T.: -0.006 min
Response: 13554120
Conc: 115.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



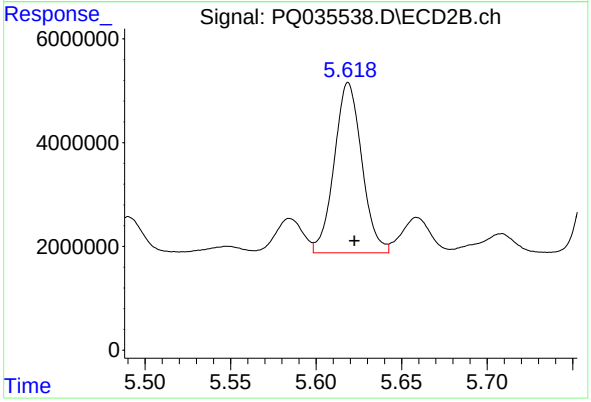
#25 AR-1248-5

R.T.: 5.659 min
Delta R.T.: -0.005 min
Response: 8090504
Conc: 114.79 ng/ml



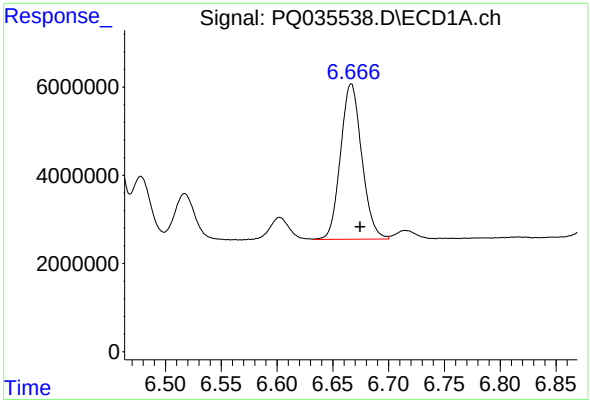
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.006 min
Response: 51893789
Conc: 340.88 ng/ml



#26 AR-1254-1

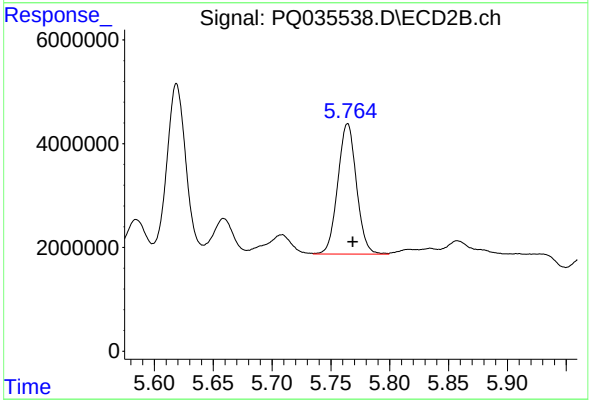
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 36857689
Conc: 276.32 ng/ml



#27 AR-1254-2

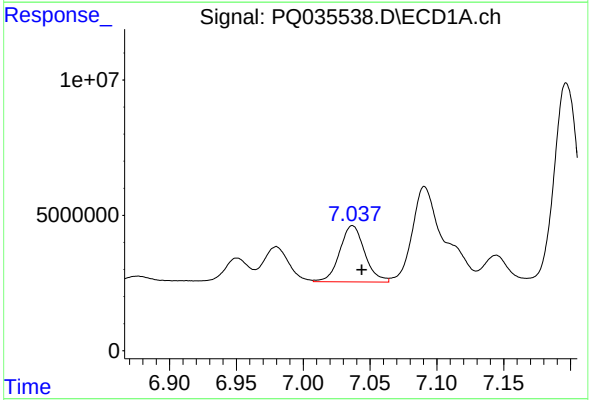
R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 46698708
Conc: 197.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



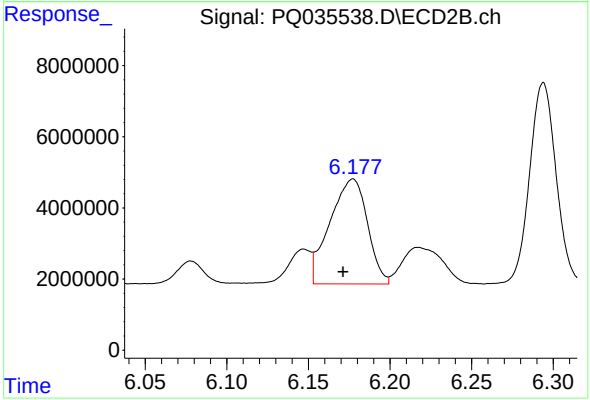
#27 AR-1254-2

R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 27773768
Conc: 240.36 ng/ml



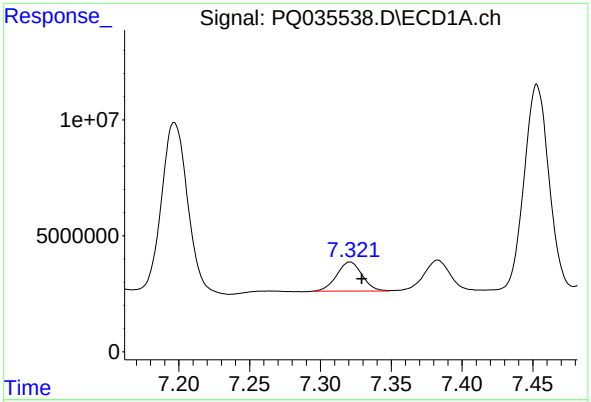
#28 AR-1254-3

R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 27050965
Conc: 105.36 ng/ml



#28 AR-1254-3

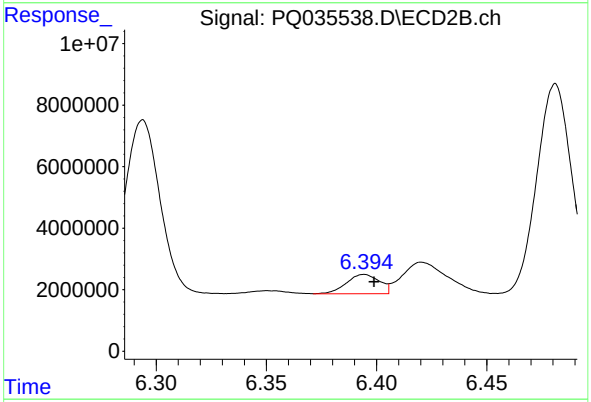
R.T.: 6.177 min
Delta R.T.: 0.006 min
Response: 47217872
Conc: 244.58 ng/ml



#29 AR-1254-4

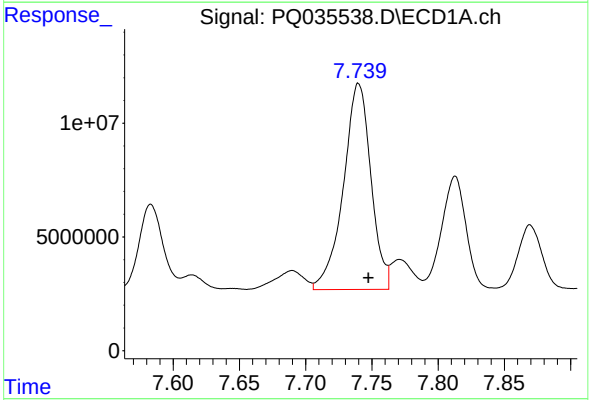
R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 15629340
Conc: 86.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



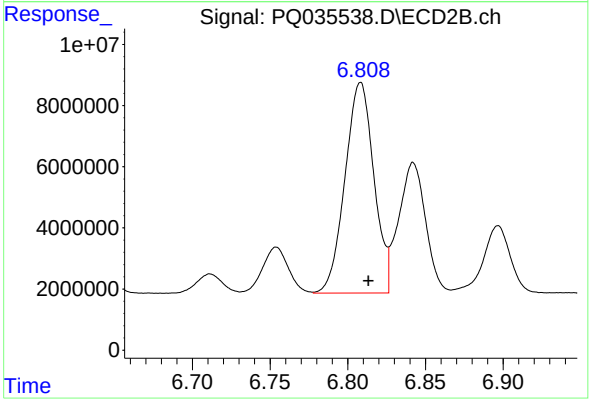
#29 AR-1254-4

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 6568408
Conc: 54.58 ng/ml



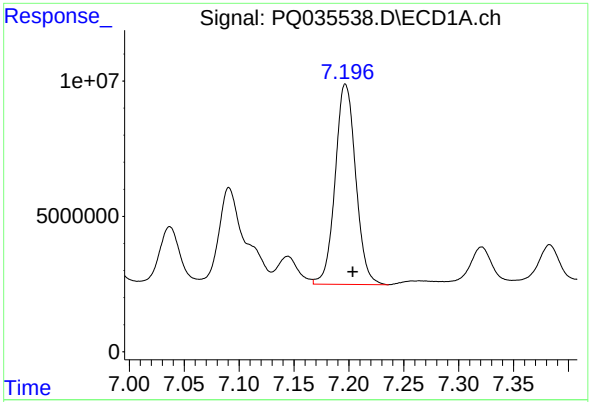
#30 AR-1254-5

R.T.: 7.740 min
Delta R.T.: -0.007 min
Response: 131237404
Conc: 669.06 ng/ml



#30 AR-1254-5

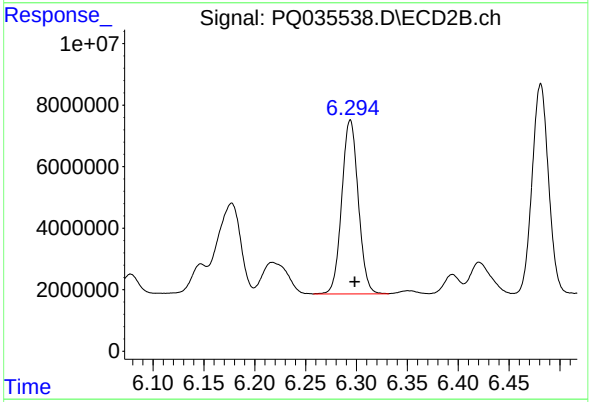
R.T.: 6.808 min
Delta R.T.: -0.005 min
Response: 89079515
Conc: 546.96 ng/ml



#31 AR-1260-1

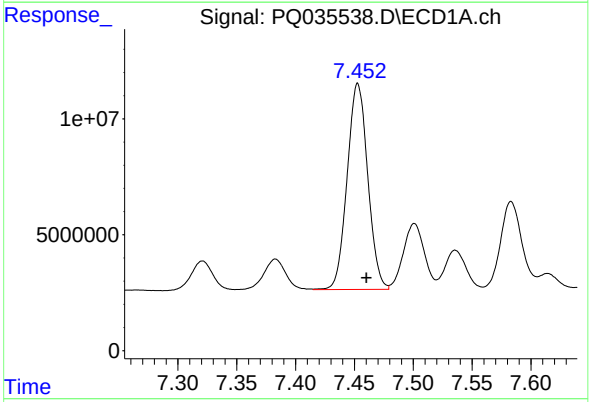
R.T.: 7.197 min
Delta R.T.: -0.007 min
Response: 96316052
Conc: 522.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



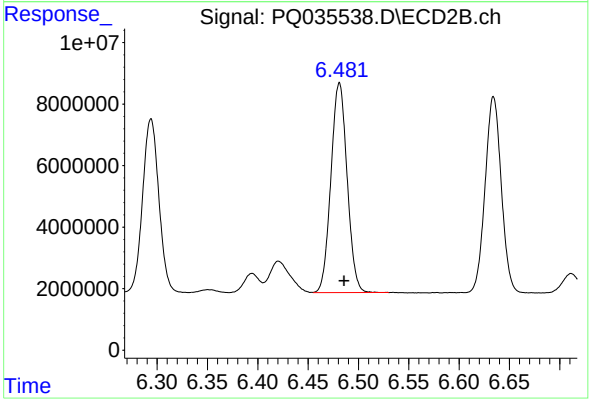
#31 AR-1260-1

R.T.: 6.294 min
Delta R.T.: -0.004 min
Response: 64023819
Conc: 508.98 ng/ml



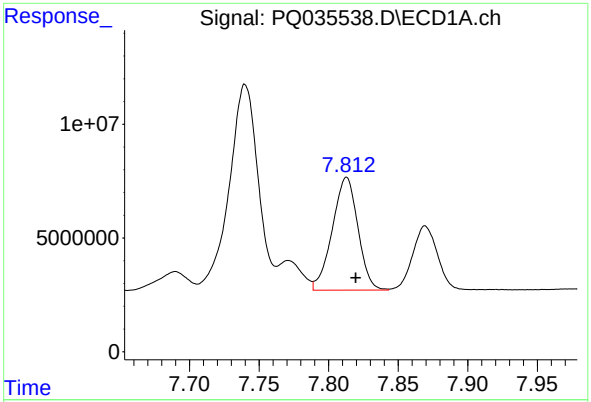
#32 AR-1260-2

R.T.: 7.453 min
Delta R.T.: -0.007 min
Response: 108393699
Conc: 498.86 ng/ml



#32 AR-1260-2

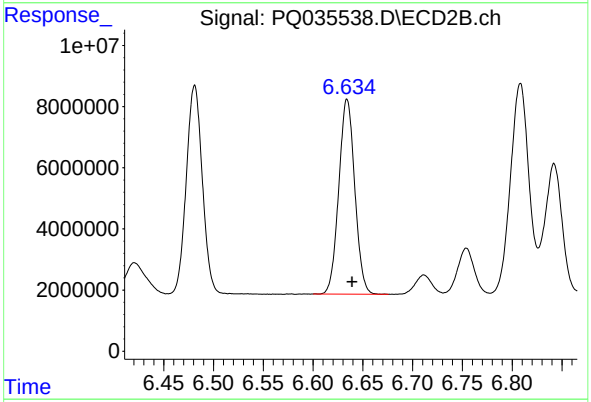
R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 76439465
Conc: 506.18 ng/ml



#33 AR-1260-3

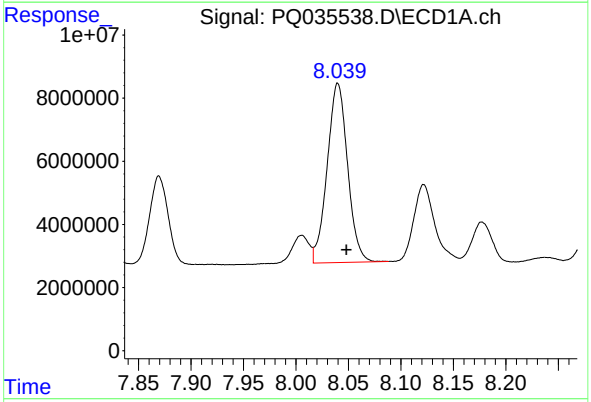
R.T.: 7.813 min
Delta R.T.: -0.007 min
Response: 63645800
Conc: 475.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



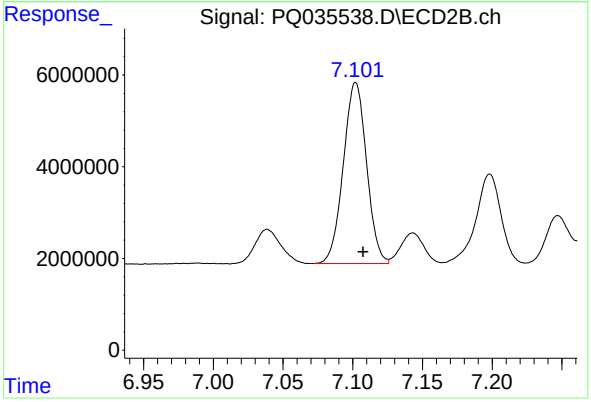
#33 AR-1260-3

R.T.: 6.634 min
Delta R.T.: -0.005 min
Response: 71278324
Conc: 510.10 ng/ml



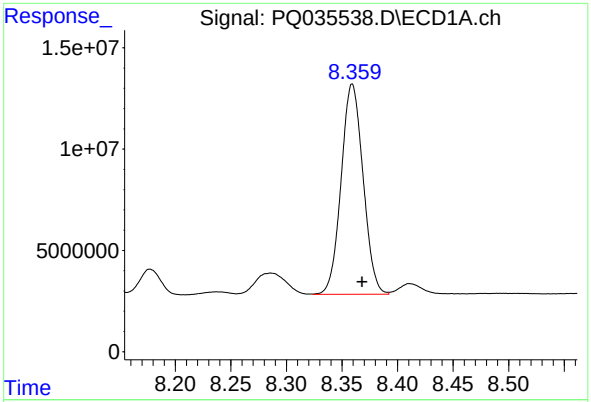
#34 AR-1260-4

R.T.: 8.040 min
Delta R.T.: -0.008 min
Response: 76784402
Conc: 465.89 ng/ml



#34 AR-1260-4

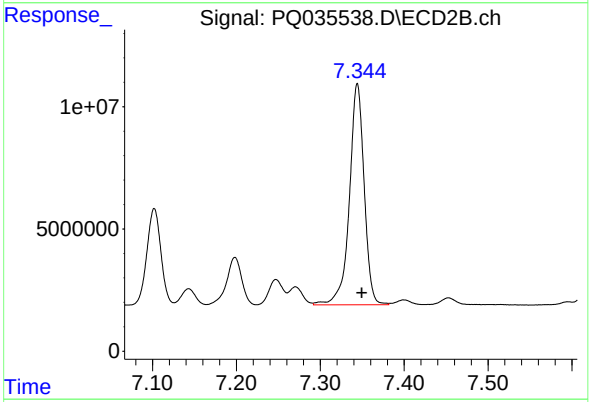
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 45817906
Conc: 493.43 ng/ml



#35 AR-1260-5

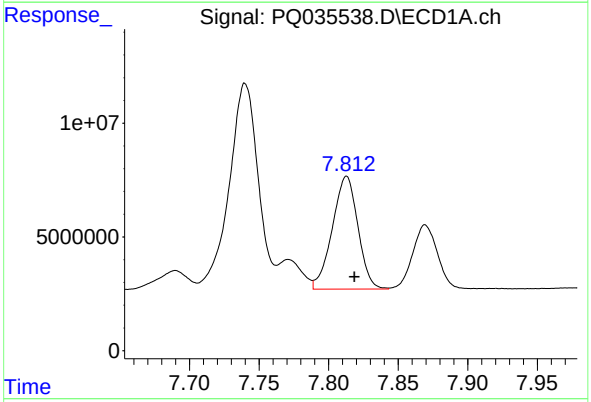
R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 142417567
Conc: 477.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



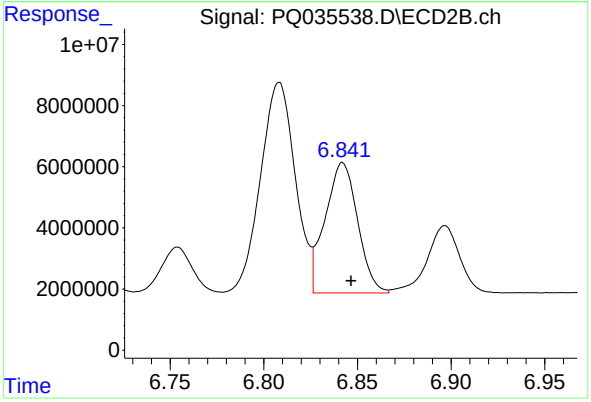
#35 AR-1260-5

R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 110491401
Conc: 492.39 ng/ml



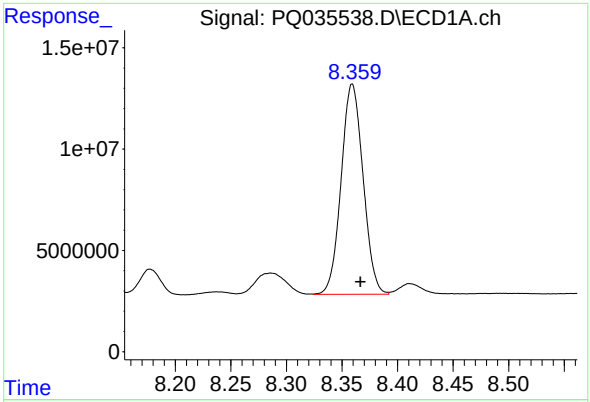
#36 AR-1262-1

R.T.: 7.813 min
Delta R.T.: -0.006 min
Response: 63645800
Conc: 290.52 ng/ml



#36 AR-1262-1

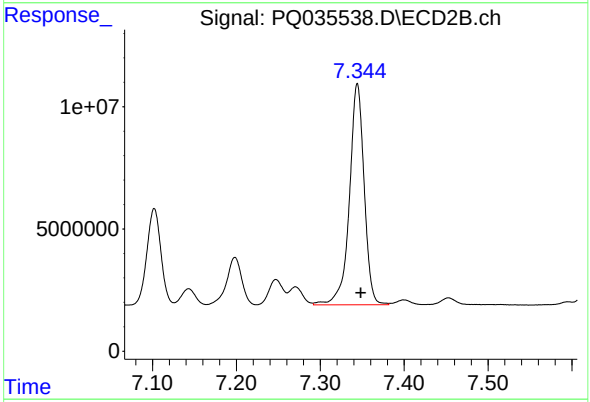
R.T.: 6.842 min
Delta R.T.: -0.005 min
Response: 51597150
Conc: 336.21 ng/ml



#37 AR-1262-2

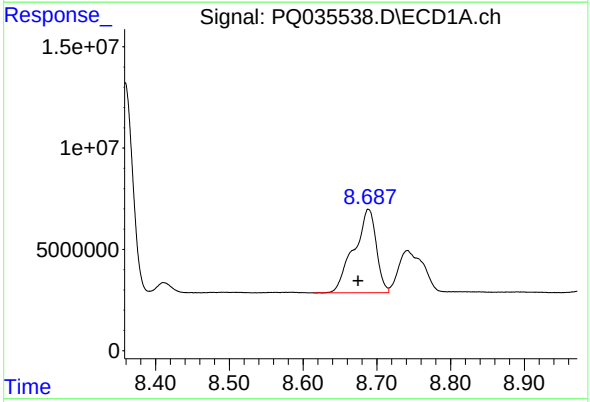
R.T.: 8.359 min
Delta R.T.: -0.007 min
Response: 142417567
Conc: 378.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



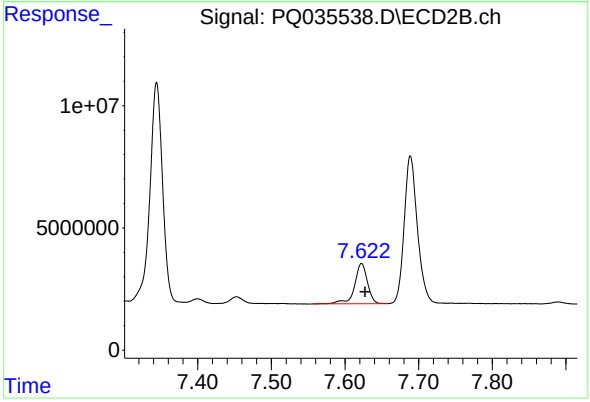
#37 AR-1262-2

R.T.: 7.344 min
Delta R.T.: -0.004 min
Response: 110491401
Conc: 414.04 ng/ml



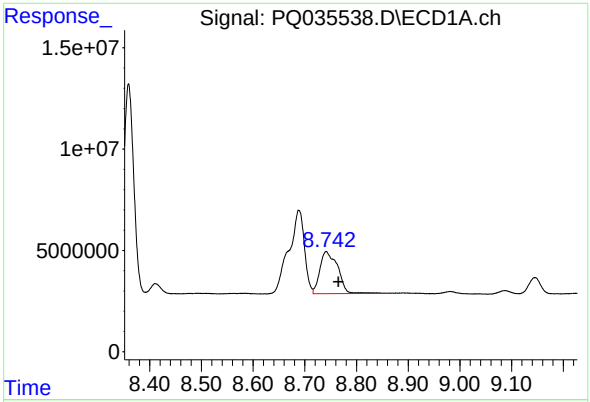
#38 AR-1262-3

R.T.: 8.689 min
Delta R.T.: 0.014 min
Response: 86437650
Conc: 359.57 ng/ml



#38 AR-1262-3

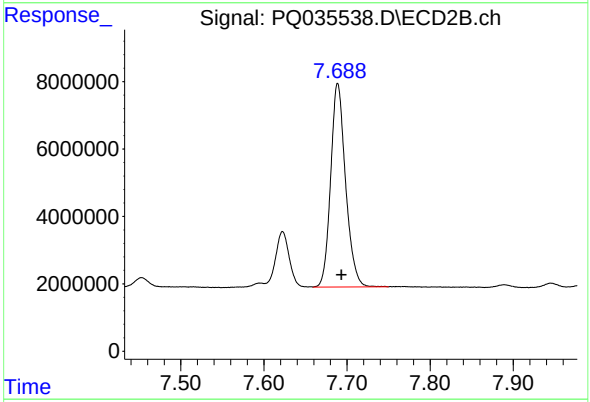
R.T.: 7.623 min
Delta R.T.: -0.005 min
Response: 19951518
Conc: 192.24 ng/ml



#39 AR-1262-4

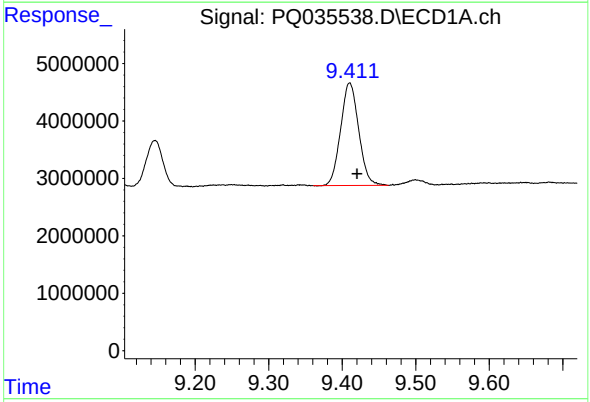
R.T.: 8.741 min
Delta R.T.: -0.024 min
Response: 49541227
Conc: 274.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



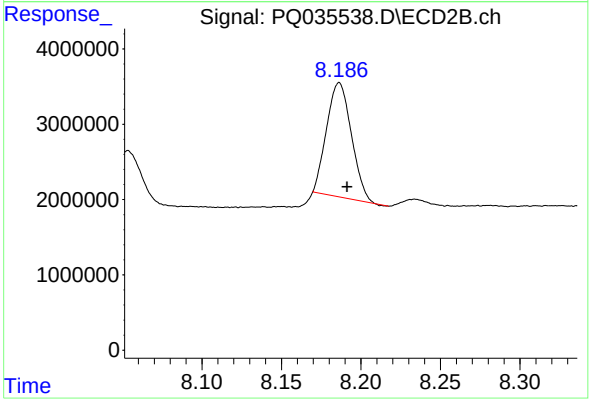
#39 AR-1262-4

R.T.: 7.689 min
Delta R.T.: -0.004 min
Response: 75182317
Conc: 405.86 ng/ml



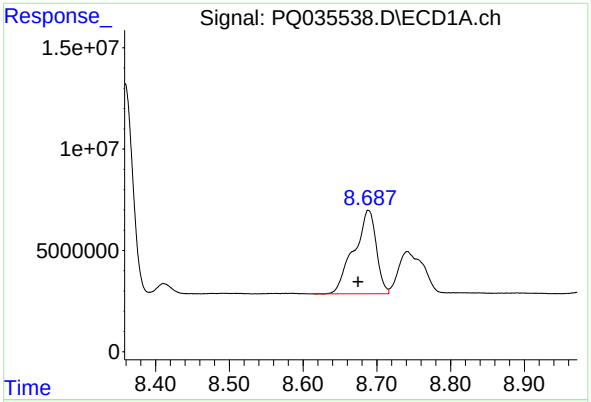
#40 AR-1262-5

R.T.: 9.410 min
Delta R.T.: -0.010 min
Response: 30561269
Conc: 268.36 ng/ml



#40 AR-1262-5

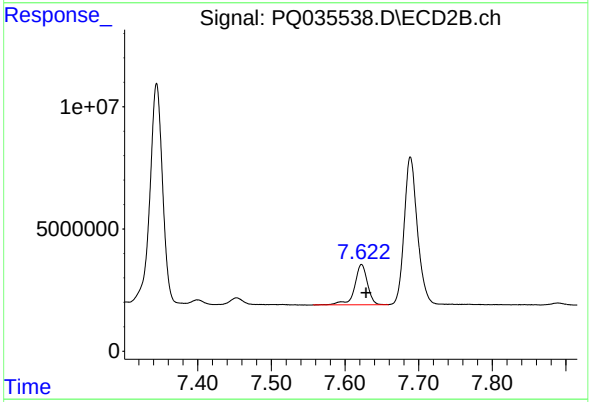
R.T.: 8.186 min
Delta R.T.: -0.005 min
Response: 16417467
Conc: 221.18 ng/ml



#41 AR-1268-1

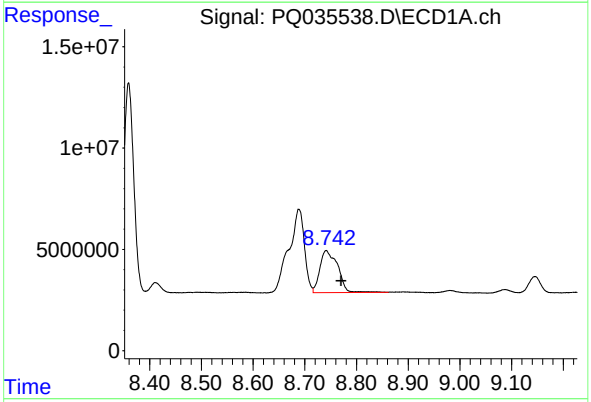
R.T.: 8.689 min
Delta R.T.: 0.014 min
Response: 86437650
Conc: 179.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



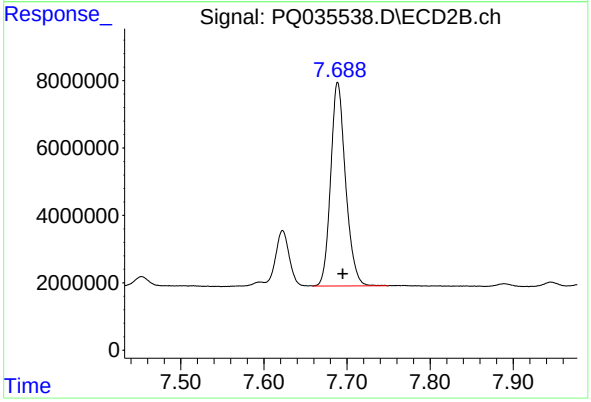
#41 AR-1268-1

R.T.: 7.623 min
Delta R.T.: -0.006 min
Response: 19951518
Conc: 59.83 ng/ml



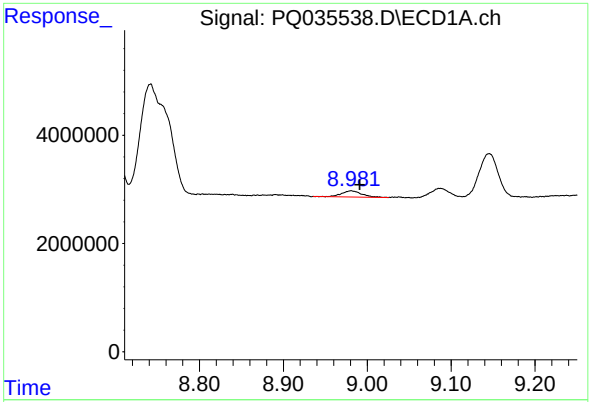
#42 AR-1268-2

R.T.: 8.741 min
Delta R.T.: -0.028 min
Response: 49541227
Conc: 114.82 ng/ml



#42 AR-1268-2

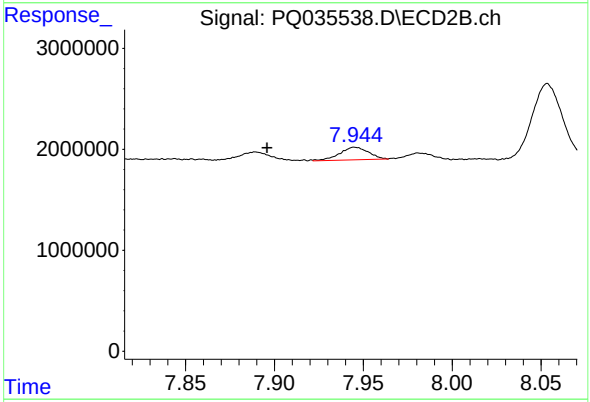
R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 75182317
Conc: 253.69 ng/ml



#43 AR-1268-3

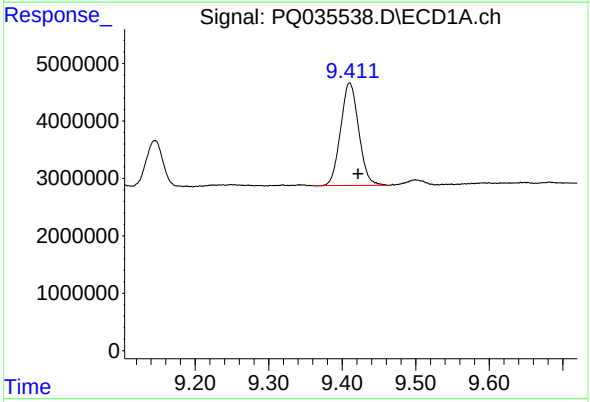
R.T.: 8.981 min
Delta R.T.: -0.010 min
Response: 1871436
Conc: 4.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



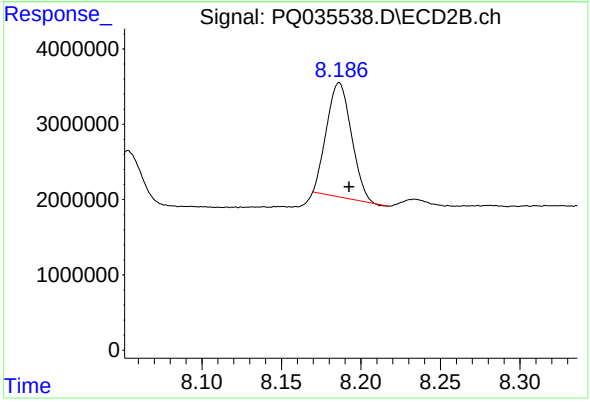
#43 AR-1268-3

R.T.: 7.945 min
Delta R.T.: 0.049 min
Response: 1390770
Conc: 5.69 ng/ml



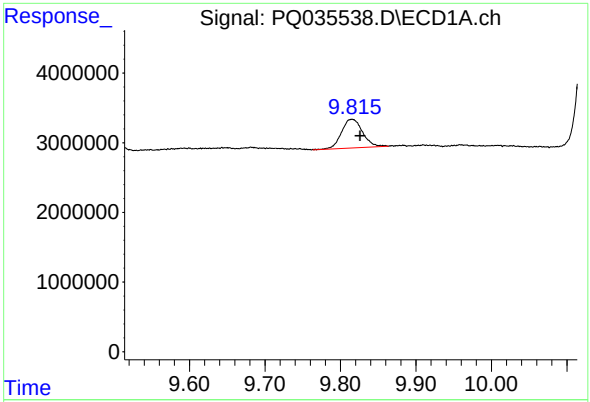
#44 AR-1268-4

R.T.: 9.410 min
Delta R.T.: -0.011 min
Response: 30561269
Conc: 222.93 ng/ml



#44 AR-1268-4

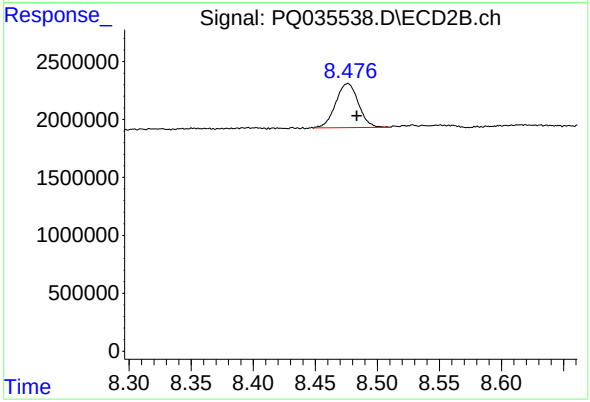
R.T.: 8.186 min
Delta R.T.: -0.006 min
Response: 16417467
Conc: 175.99 ng/ml



#45 AR-1268-5

R.T.: 9.815 min
Delta R.T.: -0.011 min
Response: 7987645
Conc: 6.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.476 min
Delta R.T.: -0.007 min
Response: 4843448
Conc: 6.63 ng/ml