Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121318\
Data File : PQ035487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2018 01:52
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 14 03:05:23 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	228.8E6	131.6E6	58.469	58.884	
2)	SA Decachlor...	10.139	8.727	133.7E6	86671402	45.371	49.037	
	Target Compounds							
3)	L1 AR-1016-1	5.601	4.825	71592617	43585231	559.547	565.277	
4)	L1 AR-1016-2	5.623	4.843	105.9E6	64364896	552.355	568.800	
5)	L1 AR-1016-3	5.684	5.019	62253181	32680469	543.936	559.603	
6)	L1 AR-1016-4	5.785	5.058	51135611	26548325	536.982	564.609	
7)	L1 AR-1016-5	6.077	5.272	49958967	34373858	548.785	559.945	
8)	L2 AR-1221-1	4.640	3.954	5648578	4064384	165.346	199.204	
9)	L2 AR-1221-2	4.732	4.043	9137690	5589232	358.666	378.143	
10)	L2 AR-1221-3	4.808	4.118	35556480	21195485	427.257	436.295	
11)	L3 AR-1232-1	4.808	4.118	35556480	21195485	488.964	481.372	
12)	L3 AR-1232-2	5.334	4.843	49538383	64364896	1285.438	1311.900	
13)	L3 AR-1232-3	5.623	5.019	105.9E6	32680469	1295.548	1279.004	
14)	L3 AR-1232-4	5.785	5.100	51135611	31805191	1277.036	1393.966	
15)	L3 AR-1232-5	5.871	5.272	43960871	34373858	1388.155	1376.203	
16)	L4 AR-1242-1	5.601	4.825	71592617	43585231	742.052	736.574	
17)	L4 AR-1242-2	5.623	4.843	105.9E6	64364896	730.161	747.479	
18)	L4 AR-1242-3	5.684	5.019	62253181	32680469	719.557	725.663	
19)	L4 AR-1242-4	5.785	5.100	51135611	31805191	739.167	718.248	
20)	L4 AR-1242-5	6.518	5.620	13194823	37431923	168.188	678.244	#
21)	L5 AR-1248-1	5.601	4.825	71592617	43585231	1084.640	1104.688	
22)	L5 AR-1248-2	5.871	5.058	43960871	26548325	463.796	489.154	
23)	L5 AR-1248-3	6.077	5.100	49958967	31805191	478.122	569.958	
24)	L5 AR-1248-4	6.479	5.272	16271167	34373858	132.127	496.552	#
25)	L5 AR-1248-5	6.518	5.661	13194823	7985851	112.783	113.303	
26)	L6 AR-1254-1	6.451	5.620	51207380	37431923	336.375	280.624	
27)	L6 AR-1254-2	6.667	5.766	47849546	28786695	202.230	249.130	
28)	L6 AR-1254-3	7.037	6.180	26367051	48781896	102.693	252.679	#
29)	L6 AR-1254-4	7.321	6.396	16171783	7202315	89.192	59.848	#
30)	L6 AR-1254-5	7.739	6.810	135.9E6	92070211	692.761	565.325	
31)	L7 AR-1260-1	7.197	6.295	95341129	66164332	517.029	526.001	
32)	L7 AR-1260-2	7.453	6.483	111.0E6	78917595	510.789	522.588	
33)	L7 AR-1260-3	7.812	6.636	66574965	73016076	496.969	522.534	
34)	L7 AR-1260-4	8.039	7.104	79437536	47686313	481.993	513.553	
35)	L7 AR-1260-5	8.359	7.346	146.2E6	114.8E6	490.182	511.572	
36)	L8 AR-1262-1	7.812	6.844	66574965	53670573	303.891	349.718	
37)	L8 AR-1262-2	8.359	7.346	146.2E6	114.8E6	387.972	430.169	
38)	L8 AR-1262-3	8.689	7.624	87098172	19689281	362.321	189.716	#
39)	L8 AR-1262-4	8.739	7.690	48203549	77581508	266.807	418.807	#
40)	L8 AR-1262-5	9.410	8.187	28972992	17630502	254.410	237.520	
41)	L9 AR-1268-1	8.689	7.624	87098172	19689281	180.518	59.045	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121318\
Data File : PQ035487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2018 01:52
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 14 03:05:23 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	8.739	7.690	48203549	77581508	111.722	261.785	#
43)	L9 AR-1268-3	8.980	7.891	2952077	1425109	7.812	5.830	#
44)	L9 AR-1268-4	9.410	8.187	28972992	17630502	211.340	188.990	
45)	L9 AR-1268-5	9.814	8.477	7888549	5216003	6.814	7.141	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121318\
Data File : PQ035487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2018 01:52
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 03:05:23 2018
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Quant Title : GC EXTRACTABLES
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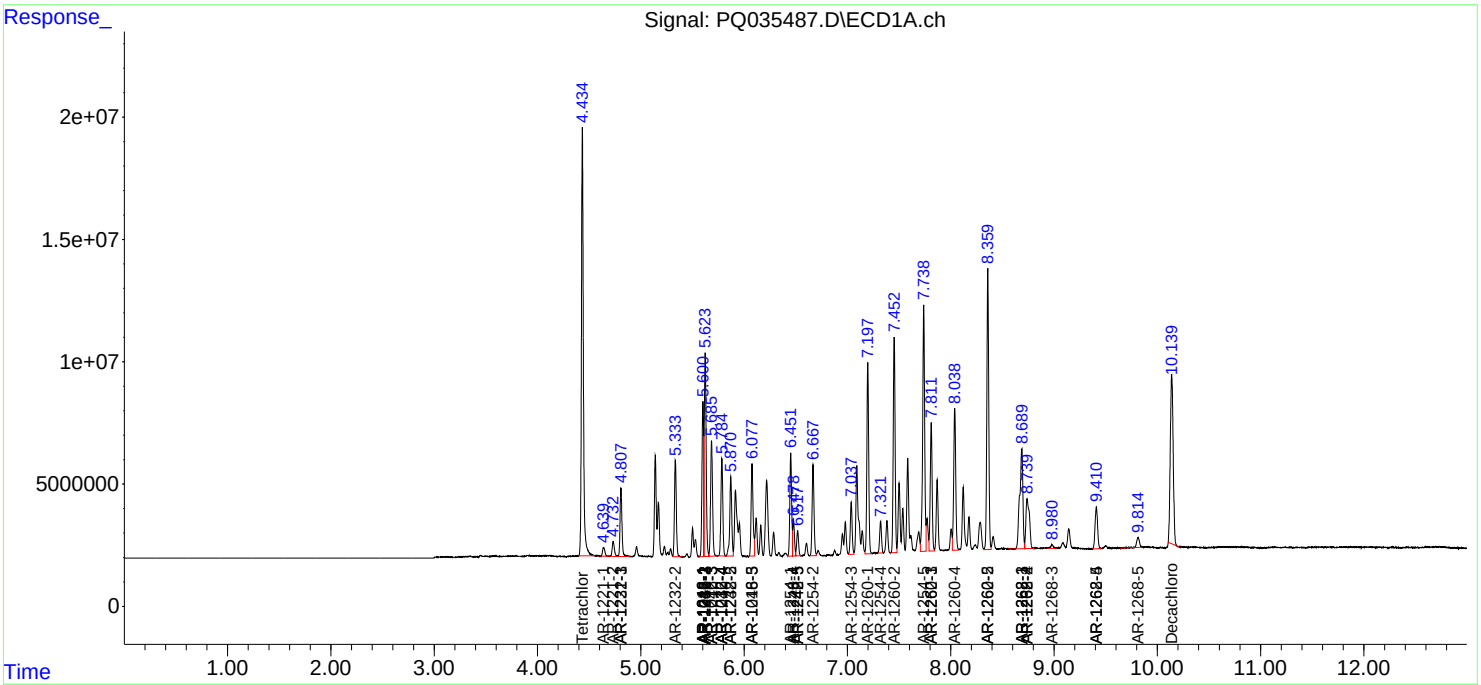
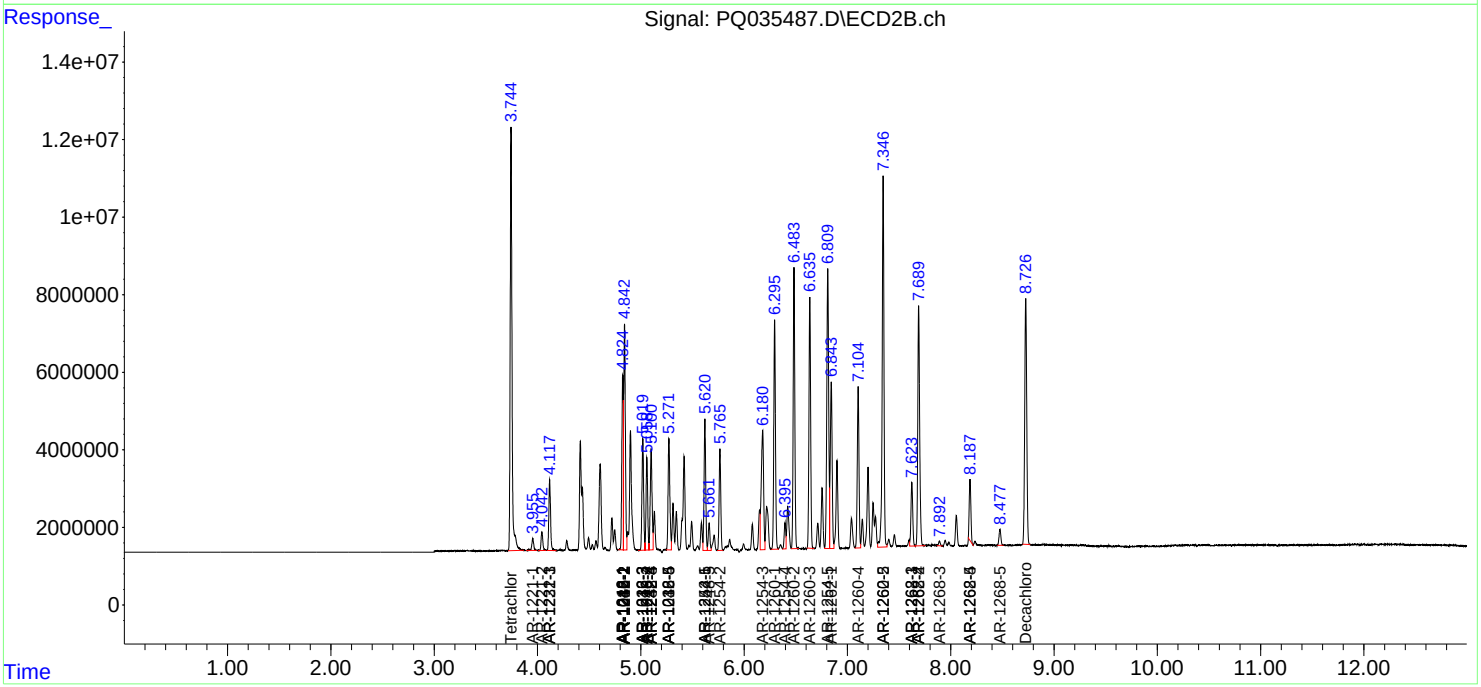
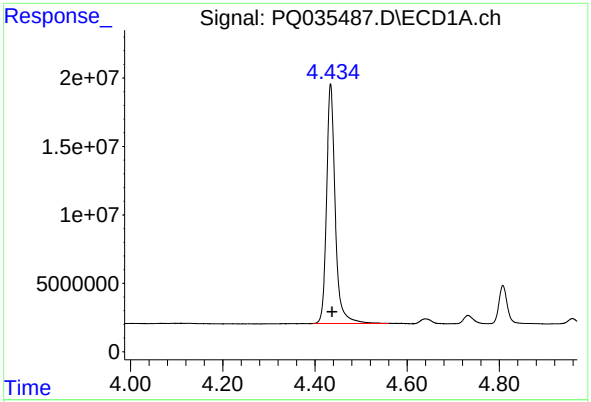
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



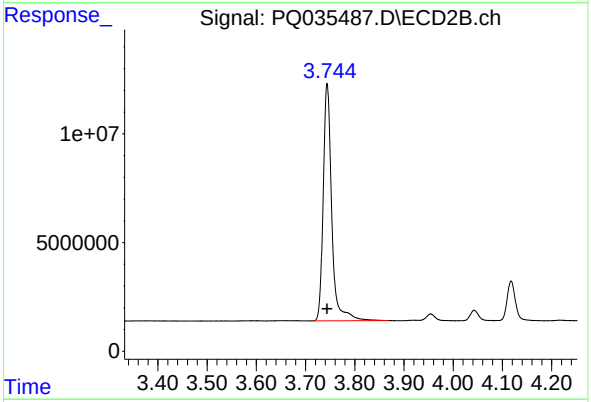




#1 Tetrachloro-m-xylene

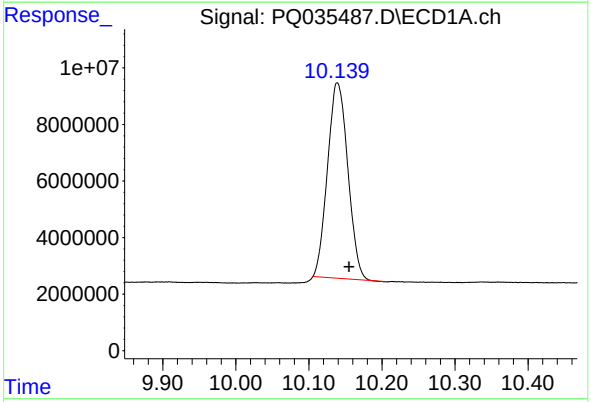
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 228767537
Conc: 58.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



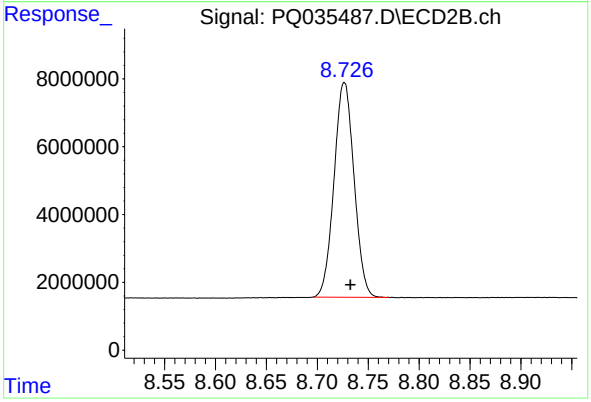
#1 Tetrachloro-m-xylene

R.T.: 3.744 min
Delta R.T.: 0.000 min
Response: 131569647
Conc: 58.88 ng/ml



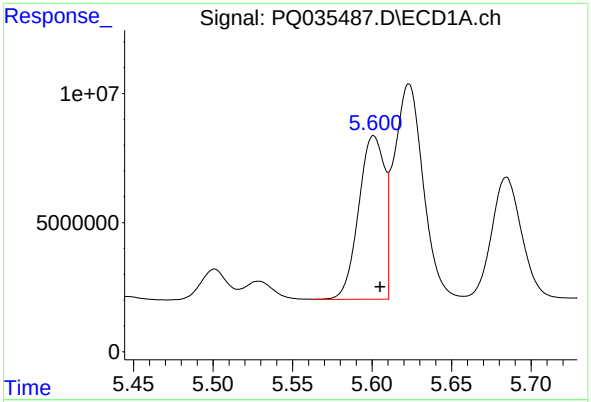
#2 Decachlorobiphenyl

R.T.: 10.139 min
Delta R.T.: -0.016 min
Response: 133734844
Conc: 45.37 ng/ml



#2 Decachlorobiphenyl

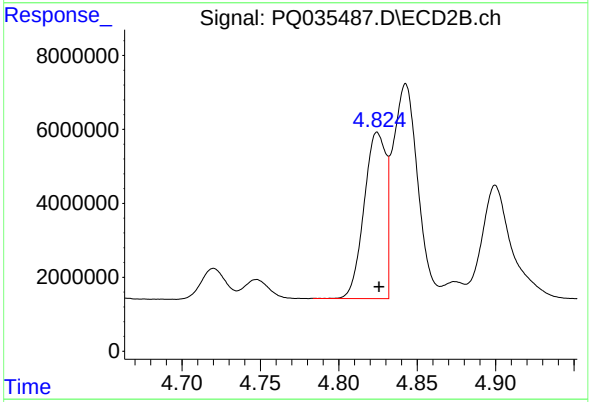
R.T.: 8.727 min
Delta R.T.: -0.006 min
Response: 86671402
Conc: 49.04 ng/ml



#3 AR-1016-1

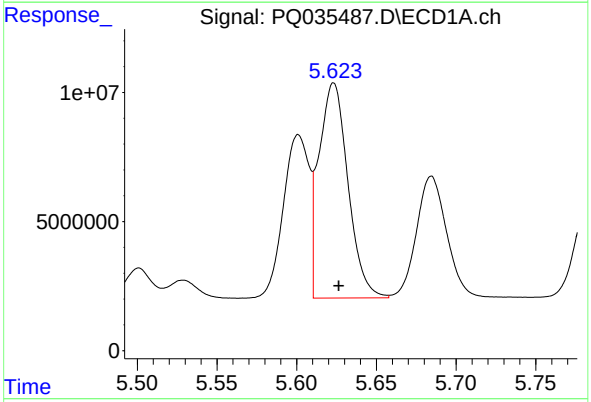
R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 71592617
Conc: 559.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



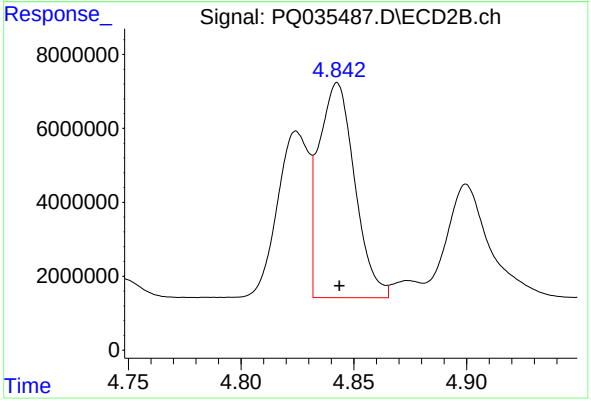
#3 AR-1016-1

R.T.: 4.825 min
Delta R.T.: -0.001 min
Response: 43585231
Conc: 565.28 ng/ml



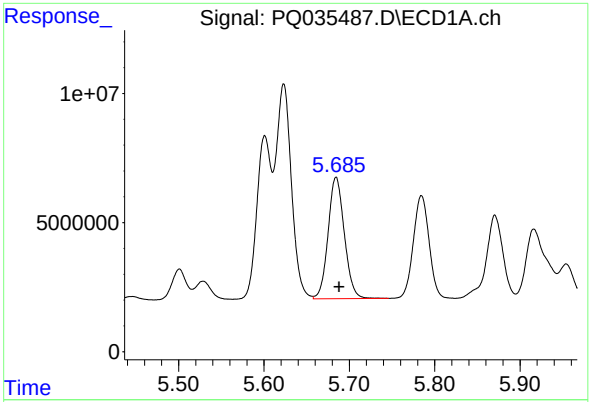
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 105936237
Conc: 552.36 ng/ml



#4 AR-1016-2

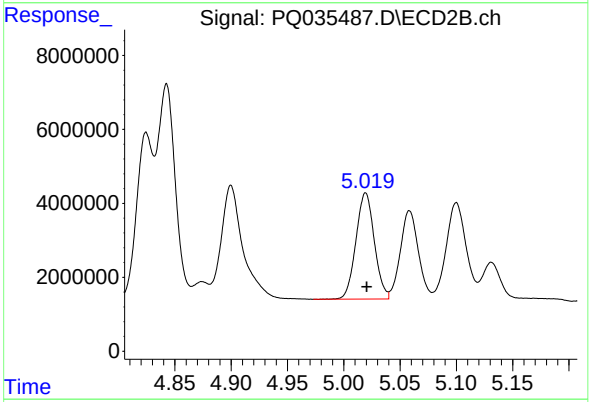
R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 64364896
Conc: 568.80 ng/ml



#5 AR-1016-3

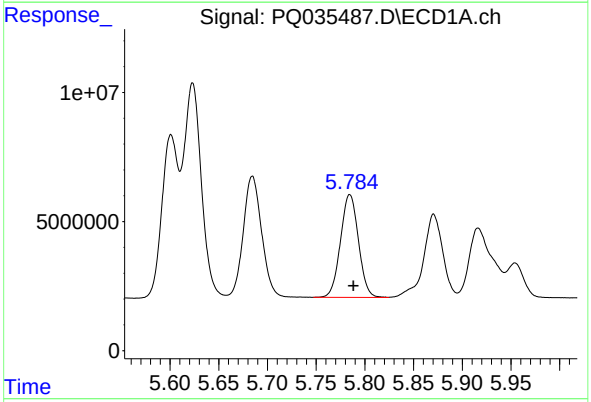
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 62253181
Conc: 543.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



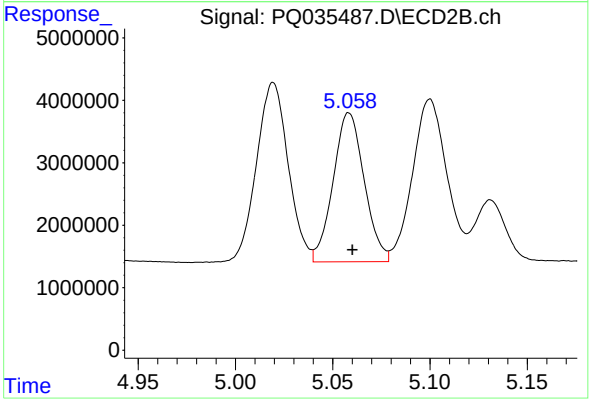
#5 AR-1016-3

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 32680469
Conc: 559.60 ng/ml



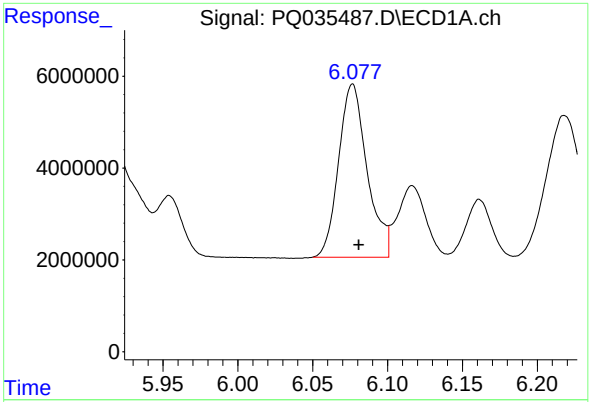
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 51135611
Conc: 536.98 ng/ml



#6 AR-1016-4

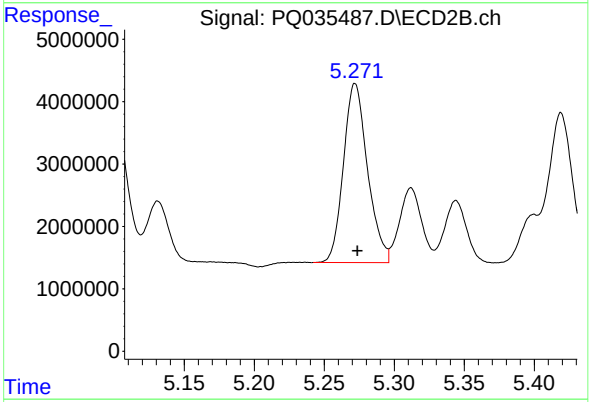
R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 26548325
Conc: 564.61 ng/ml



#7 AR-1016-5

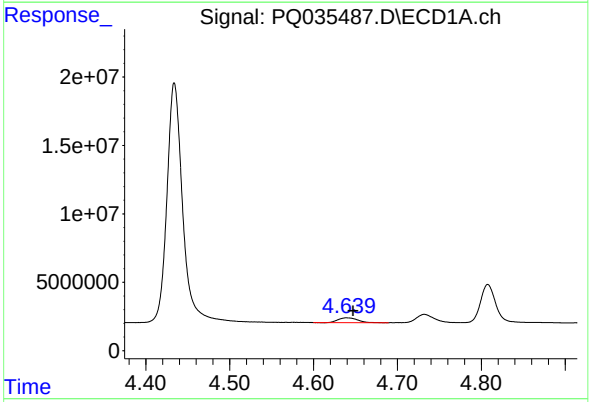
R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 49958967
Conc: 548.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



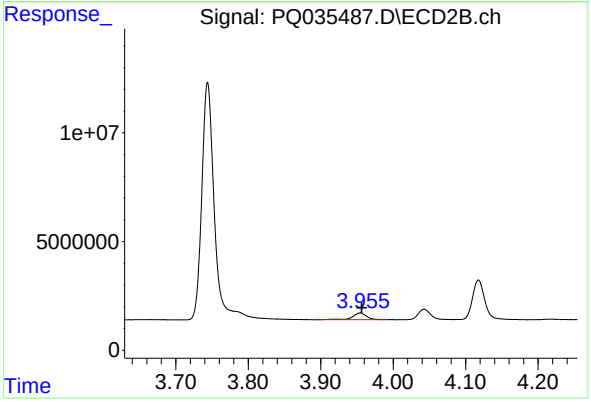
#7 AR-1016-5

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 34373858
Conc: 559.95 ng/ml



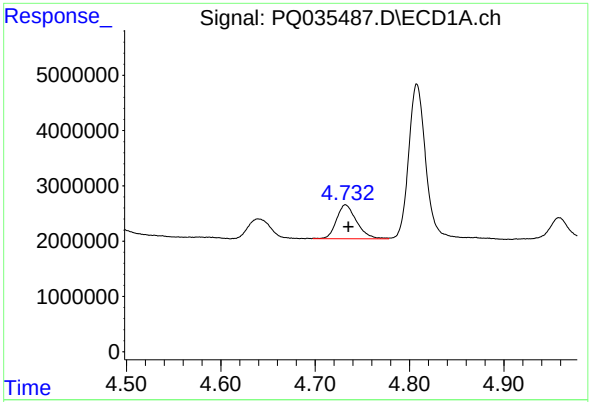
#8 AR-1221-1

R.T.: 4.640 min
Delta R.T.: -0.007 min
Response: 5648578
Conc: 165.35 ng/ml



#8 AR-1221-1

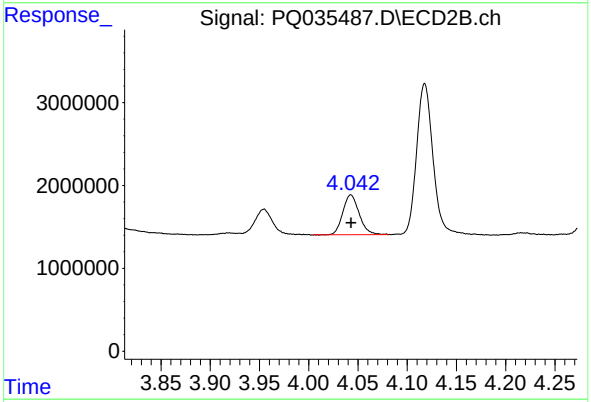
R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 4064384
Conc: 199.20 ng/ml



#9 AR-1221-2

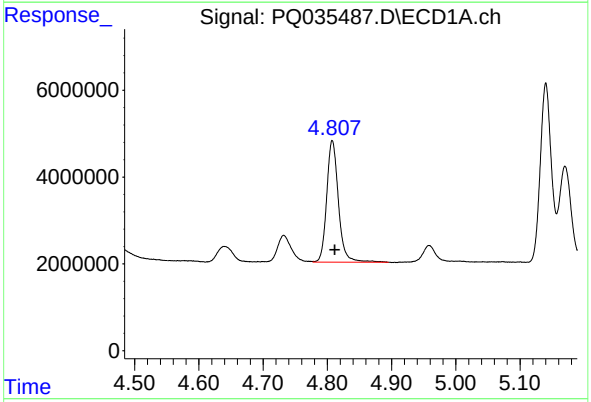
R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 9137690
Conc: 358.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



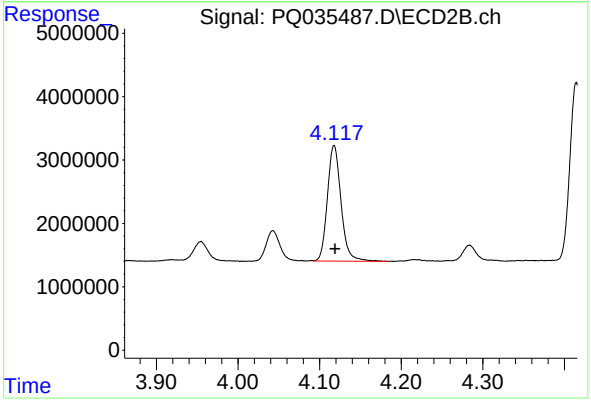
#9 AR-1221-2

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 5589232
Conc: 378.14 ng/ml



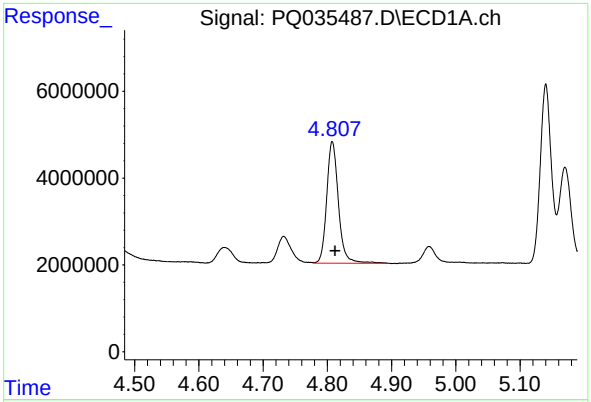
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 35556480
Conc: 427.26 ng/ml



#10 AR-1221-3

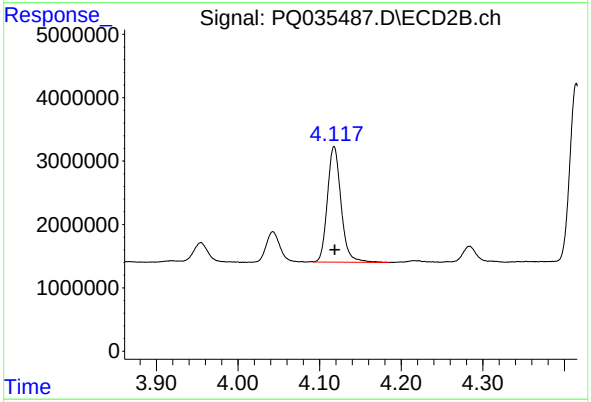
R.T.: 4.118 min
Delta R.T.: -0.001 min
Response: 21195485
Conc: 436.29 ng/ml



#11 AR-1232-1

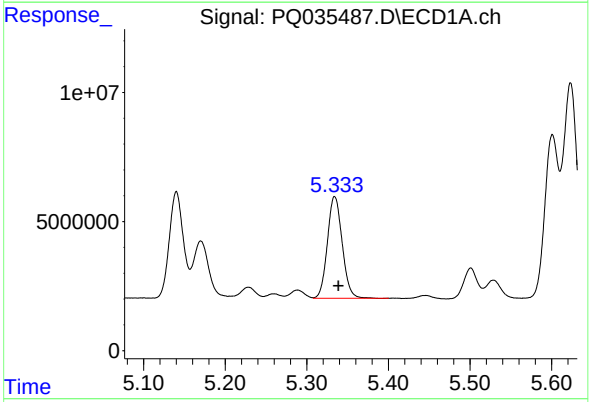
R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 35556480
Conc: 488.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



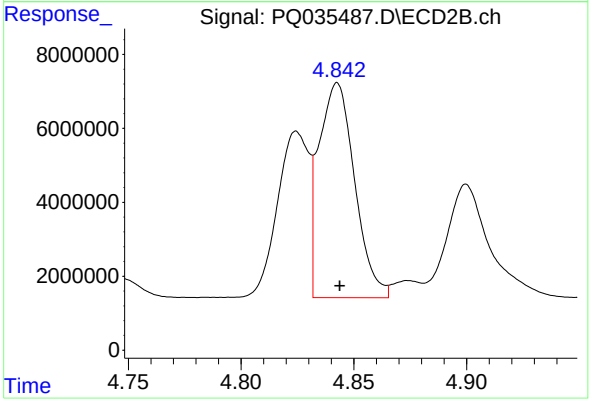
#11 AR-1232-1

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 21195485
Conc: 481.37 ng/ml



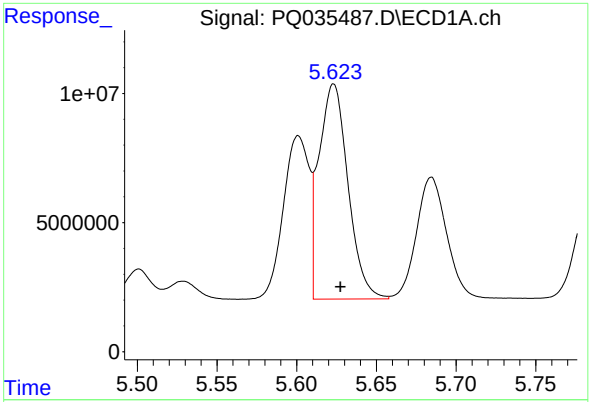
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 49538383
Conc: 1285.44 ng/ml



#12 AR-1232-2

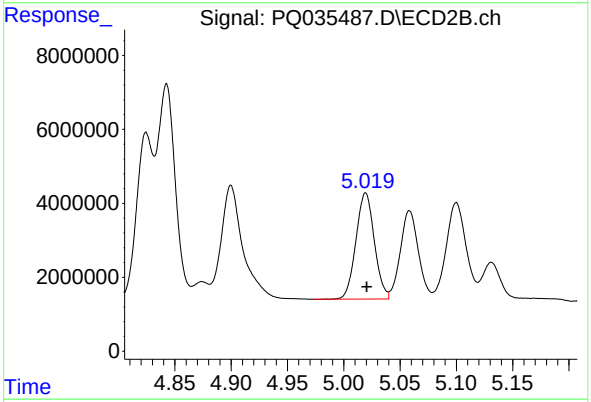
R.T.: 4.843 min
Delta R.T.: -0.001 min
Response: 64364896
Conc: 1311.90 ng/ml



#13 AR-1232-3

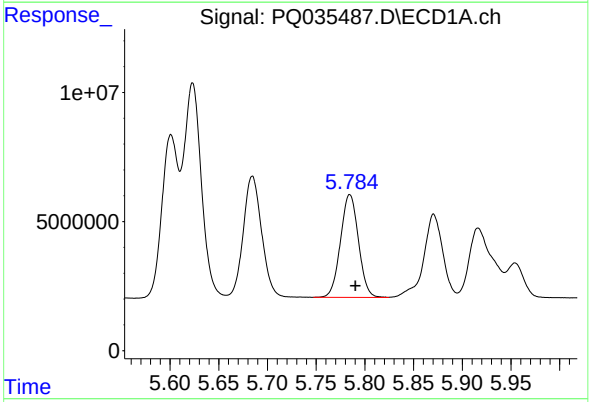
R.T.: 5.623 min
Delta R.T.: -0.004 min
Response: 105936237
Conc: 1295.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



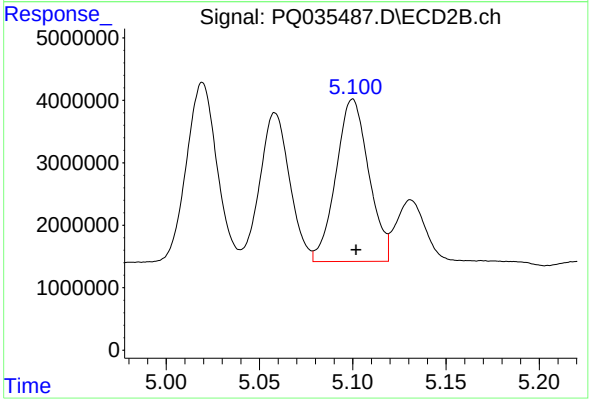
#13 AR-1232-3

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 32680469
Conc: 1279.00 ng/ml



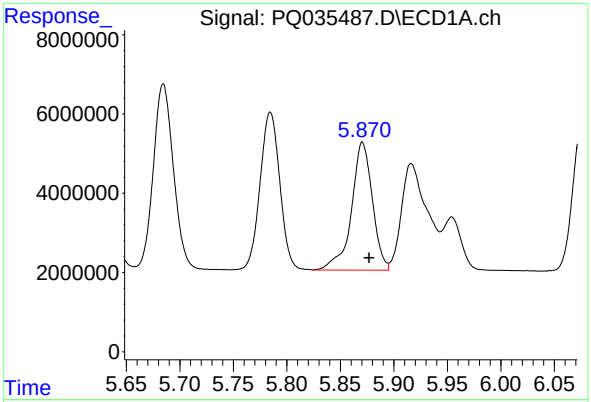
#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: -0.006 min
Response: 51135611
Conc: 1277.04 ng/ml



#14 AR-1232-4

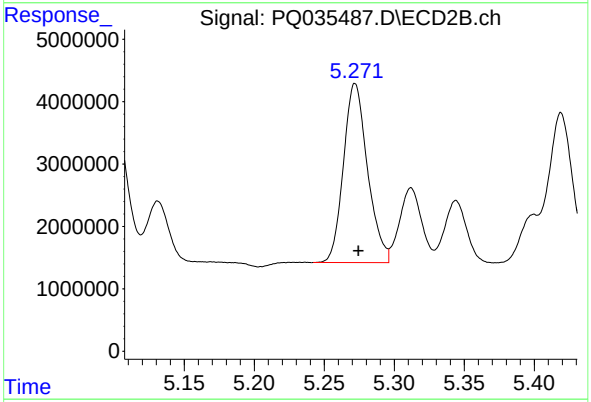
R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 31805191
Conc: 1393.97 ng/ml



#15 AR-1232-5

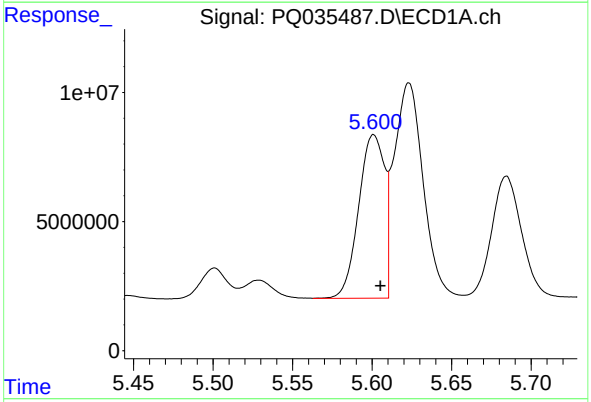
R.T.: 5.871 min
Delta R.T.: -0.006 min
Response: 43960871
Conc: 1388.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



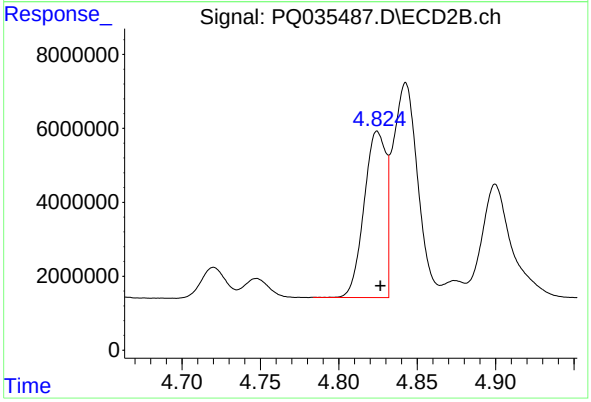
#15 AR-1232-5

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 34373858
Conc: 1376.20 ng/ml



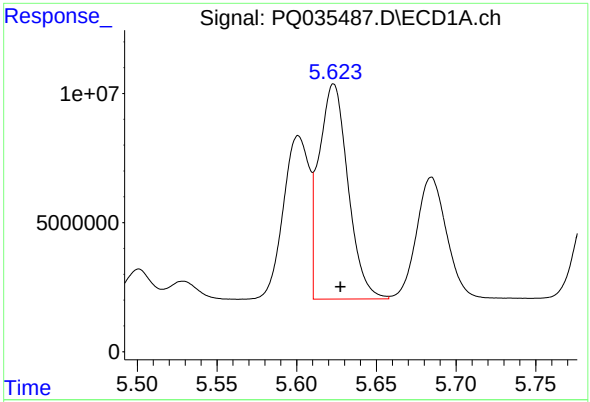
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 71592617
Conc: 742.05 ng/ml



#16 AR-1242-1

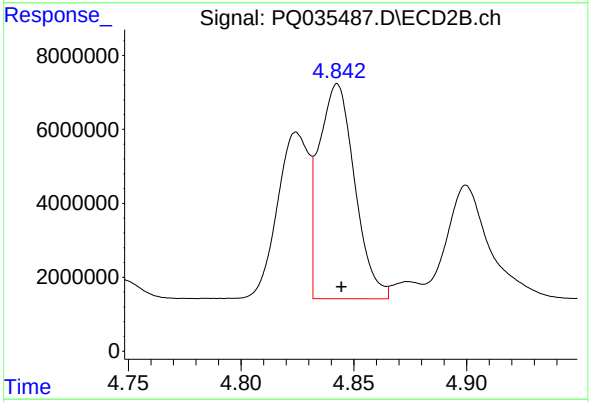
R.T.: 4.825 min
Delta R.T.: -0.002 min
Response: 43585231
Conc: 736.57 ng/ml



#17 AR-1242-2

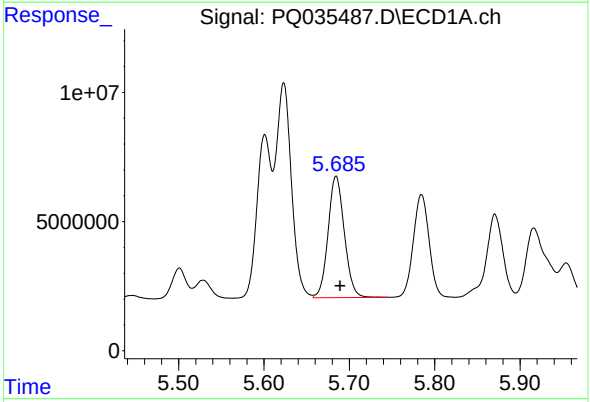
R.T.: 5.623 min
Delta R.T.: -0.004 min
Response: 105936237
Conc: 730.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



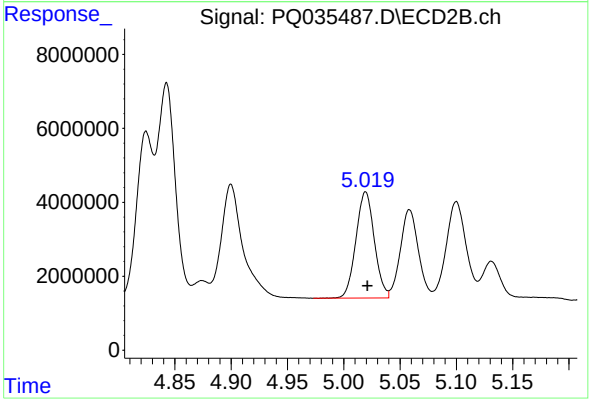
#17 AR-1242-2

R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 64364896
Conc: 747.48 ng/ml



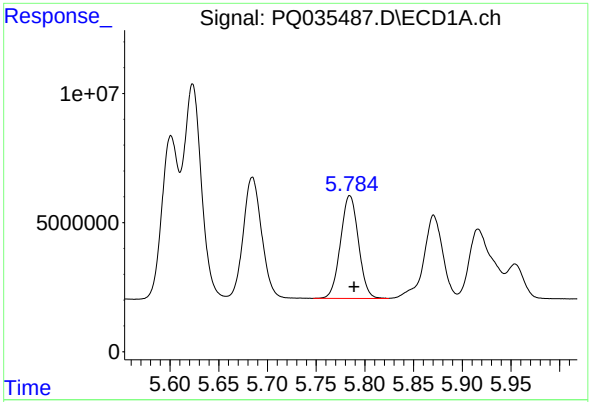
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 62253181
Conc: 719.56 ng/ml



#18 AR-1242-3

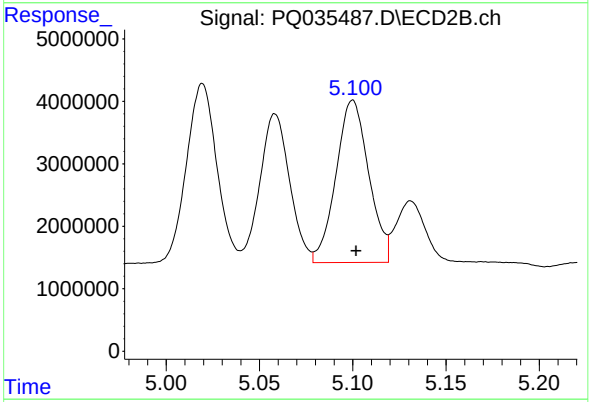
R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 32680469
Conc: 725.66 ng/ml



#19 AR-1242-4

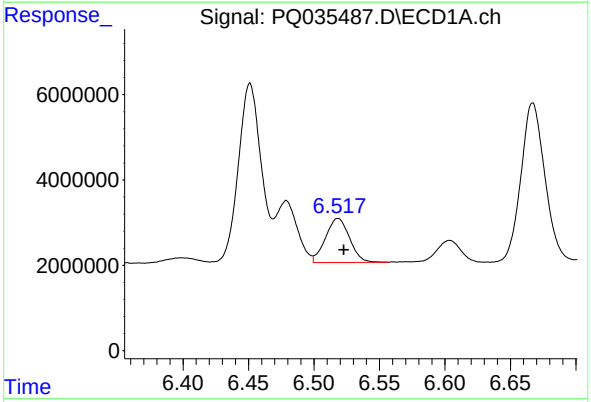
R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 51135611
Conc: 739.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



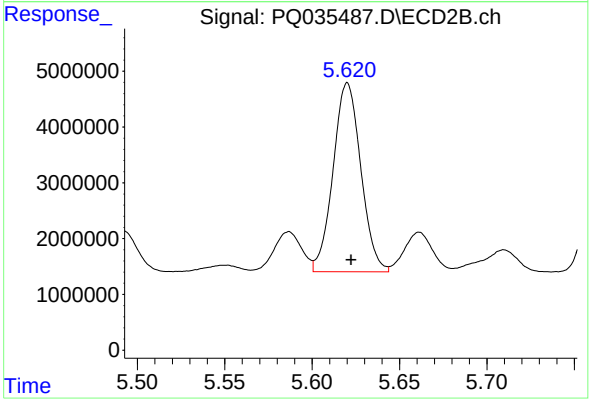
#19 AR-1242-4

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 31805191
Conc: 718.25 ng/ml



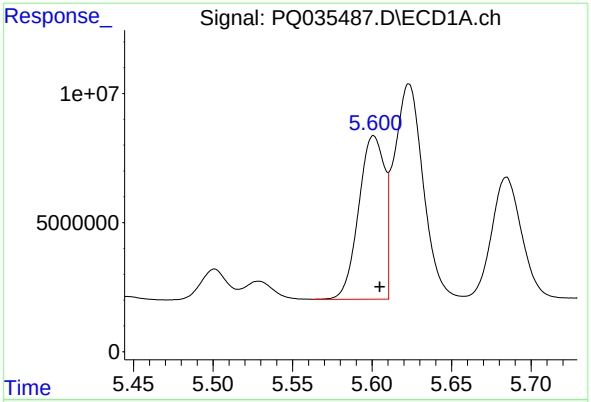
#20 AR-1242-5

R.T.: 6.518 min
Delta R.T.: -0.004 min
Response: 13194823
Conc: 168.19 ng/ml



#20 AR-1242-5

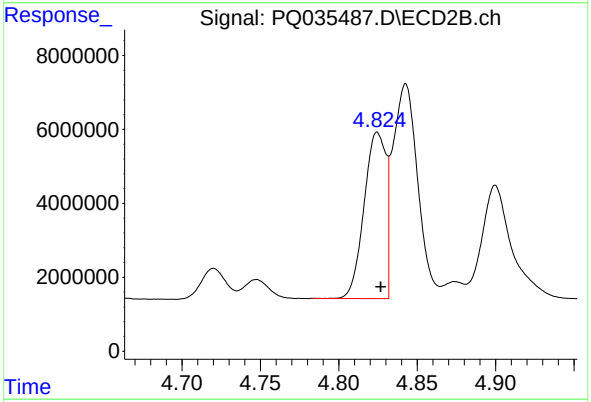
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 37431923
Conc: 678.24 ng/ml



#21 AR-1248-1

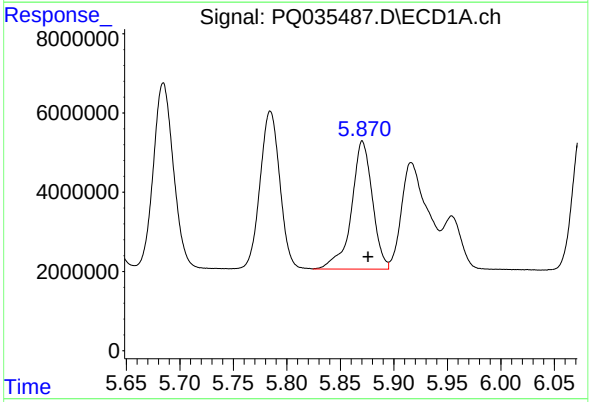
R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 71592617
Conc: 1084.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



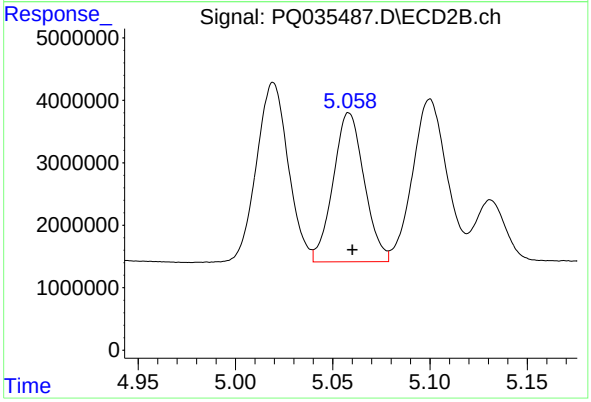
#21 AR-1248-1

R.T.: 4.825 min
Delta R.T.: -0.002 min
Response: 43585231
Conc: 1104.69 ng/ml



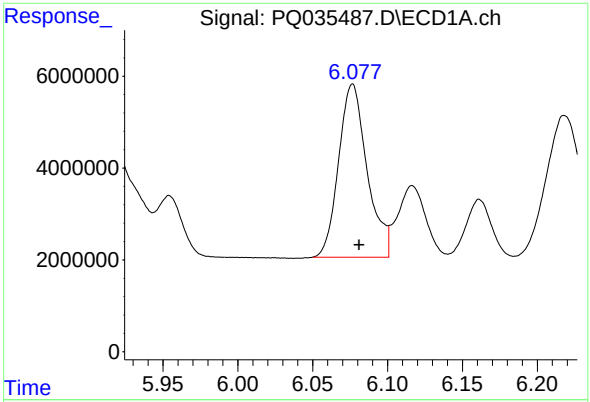
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: -0.005 min
Response: 43960871
Conc: 463.80 ng/ml



#22 AR-1248-2

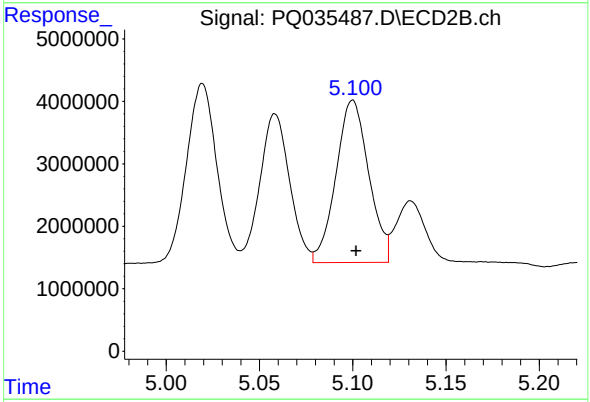
R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 26548325
Conc: 489.15 ng/ml



#23 AR-1248-3

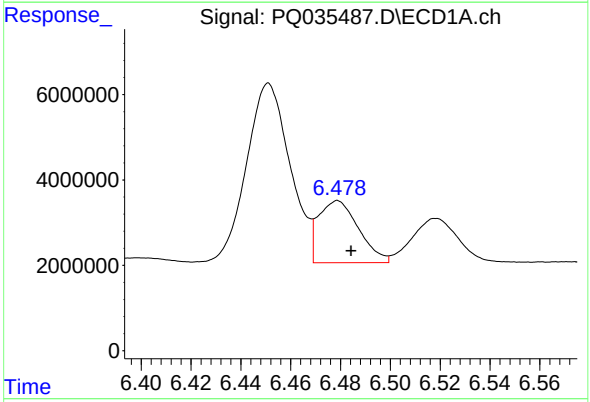
R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 49958967
Conc: 478.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



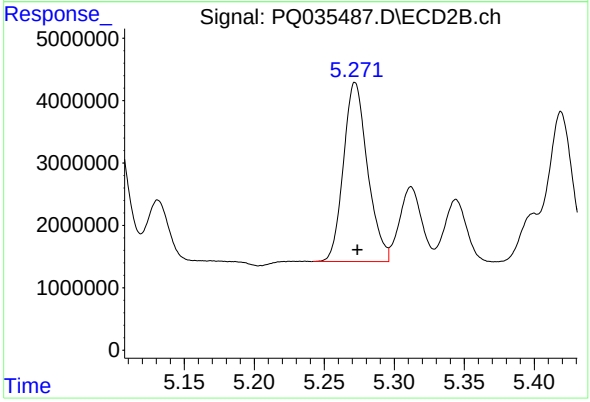
#23 AR-1248-3

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 31805191
Conc: 569.96 ng/ml



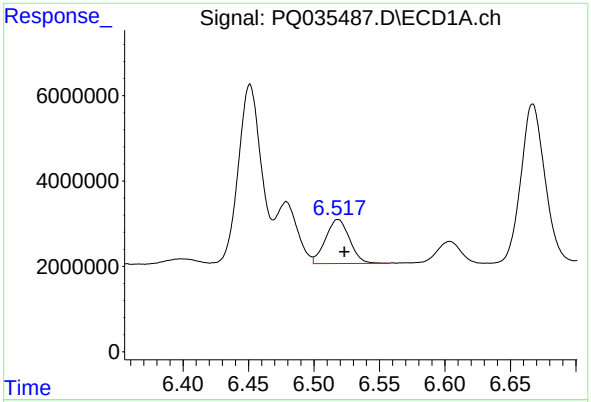
#24 AR-1248-4

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 16271167
Conc: 132.13 ng/ml



#24 AR-1248-4

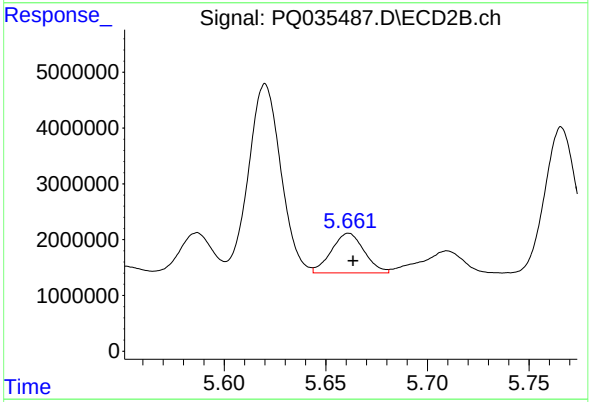
R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 34373858
Conc: 496.55 ng/ml



#25 AR-1248-5

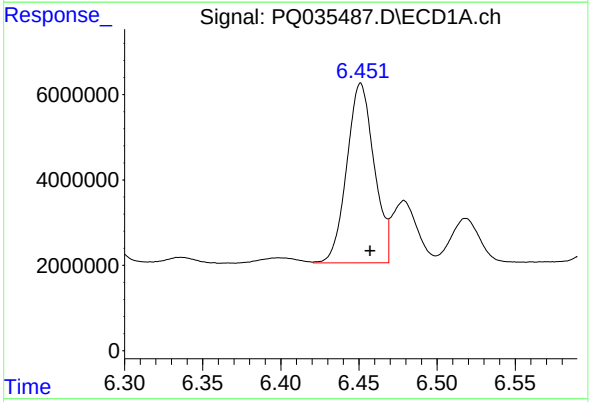
R.T.: 6.518 min
Delta R.T.: -0.005 min
Response: 13194823
Conc: 112.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



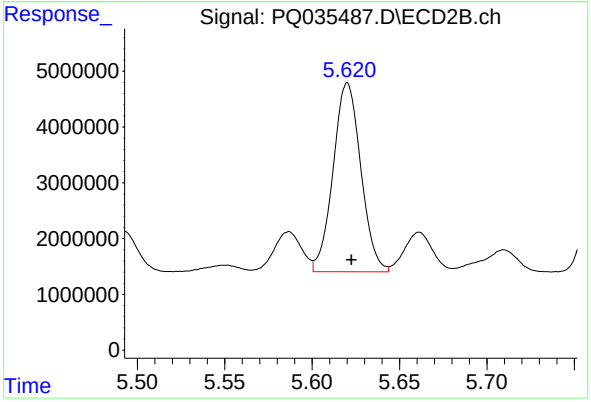
#25 AR-1248-5

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 7985851
Conc: 113.30 ng/ml



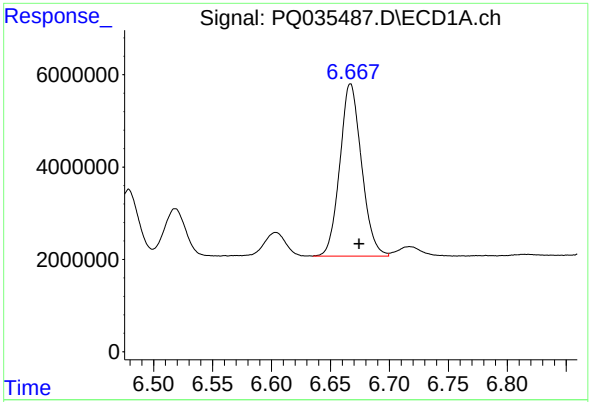
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.006 min
Response: 51207380
Conc: 336.37 ng/ml



#26 AR-1254-1

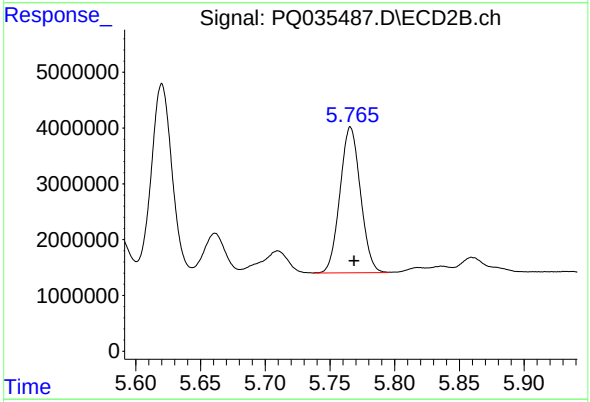
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 37431923
Conc: 280.62 ng/ml



#27 AR-1254-2

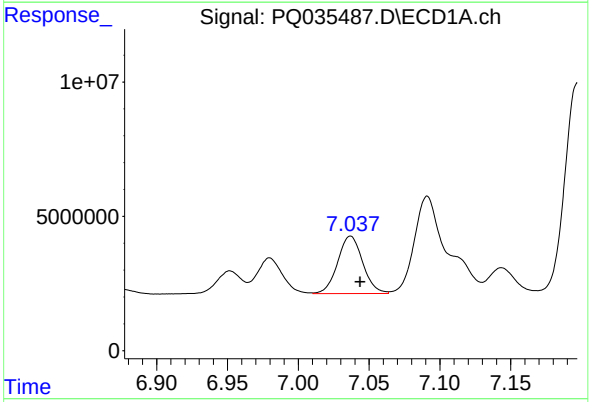
R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 47849546
Conc: 202.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



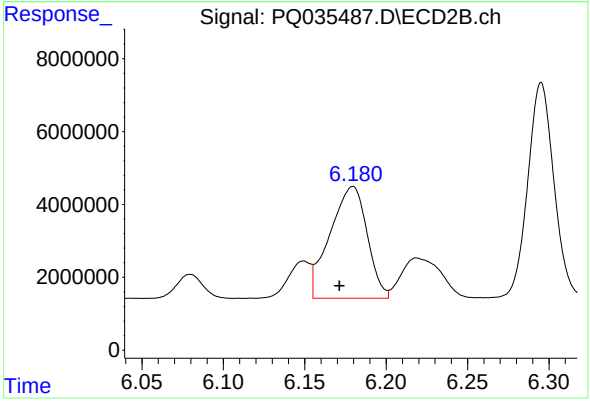
#27 AR-1254-2

R.T.: 5.766 min
Delta R.T.: -0.003 min
Response: 28786695
Conc: 249.13 ng/ml



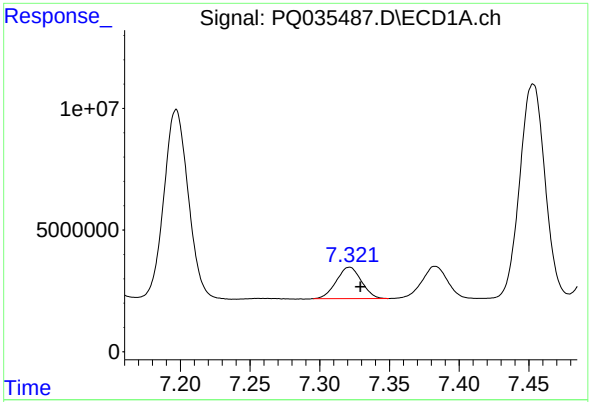
#28 AR-1254-3

R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 26367051
Conc: 102.69 ng/ml



#28 AR-1254-3

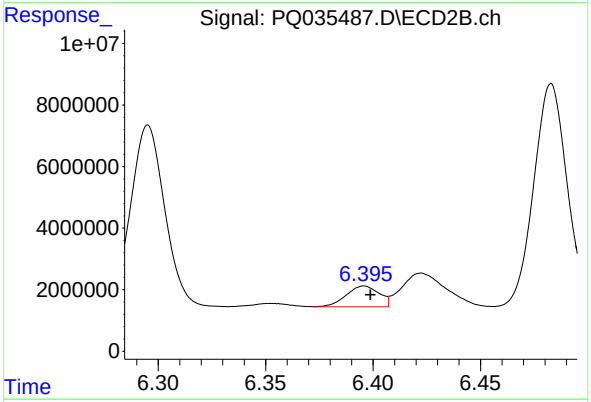
R.T.: 6.180 min
Delta R.T.: 0.008 min
Response: 48781896
Conc: 252.68 ng/ml



#29 AR-1254-4

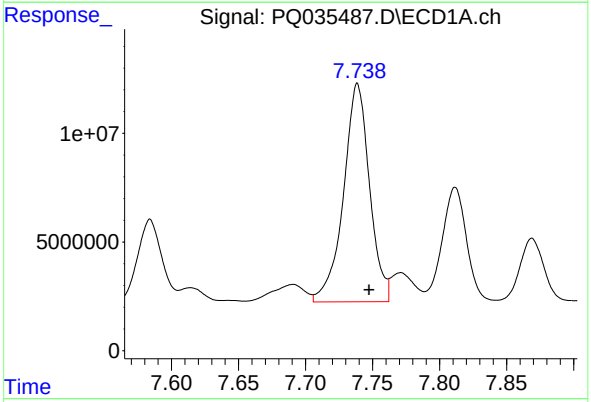
R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 16171783
Conc: 89.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



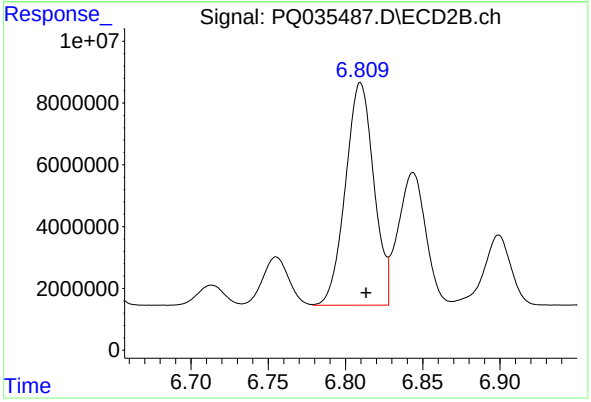
#29 AR-1254-4

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 7202315
Conc: 59.85 ng/ml



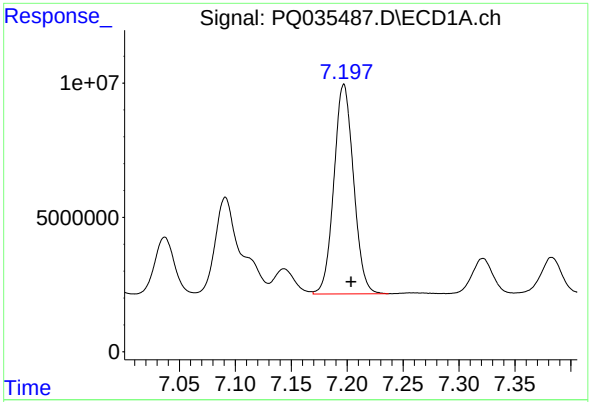
#30 AR-1254-5

R.T.: 7.739 min
Delta R.T.: -0.009 min
Response: 135885693
Conc: 692.76 ng/ml



#30 AR-1254-5

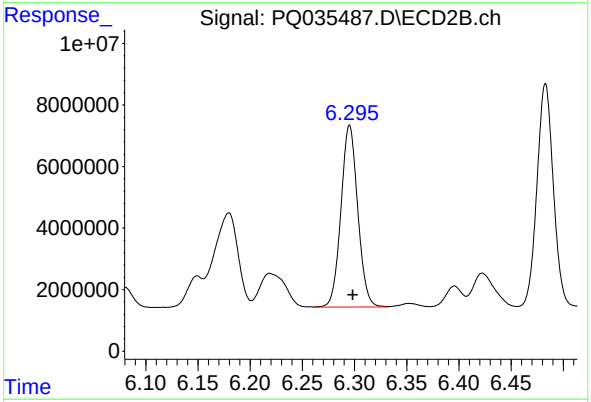
R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 92070211
Conc: 565.33 ng/ml



#31 AR-1260-1

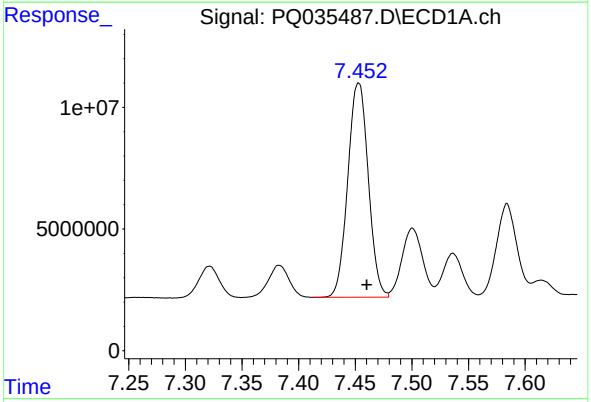
R.T.: 7.197 min
Delta R.T.: -0.007 min
Response: 95341129
Conc: 517.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



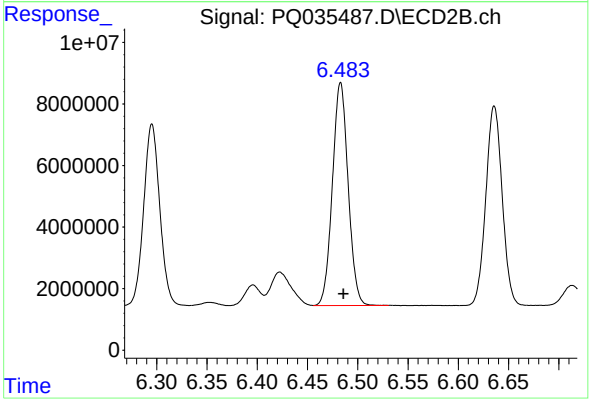
#31 AR-1260-1

R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 66164332
Conc: 526.00 ng/ml



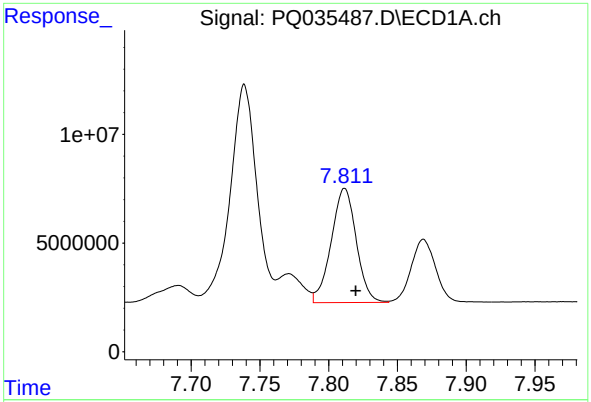
#32 AR-1260-2

R.T.: 7.453 min
Delta R.T.: -0.007 min
Response: 110986290
Conc: 510.79 ng/ml



#32 AR-1260-2

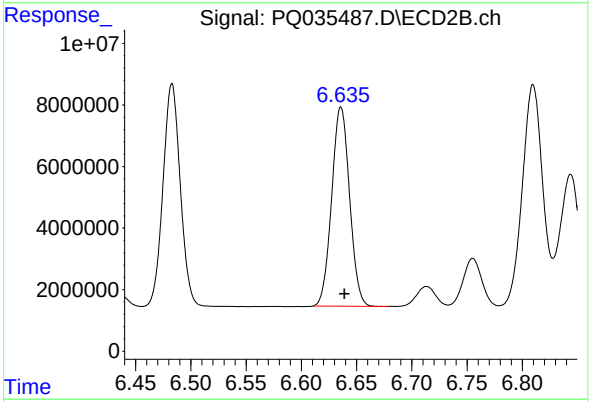
R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 78917595
Conc: 522.59 ng/ml



#33 AR-1260-3

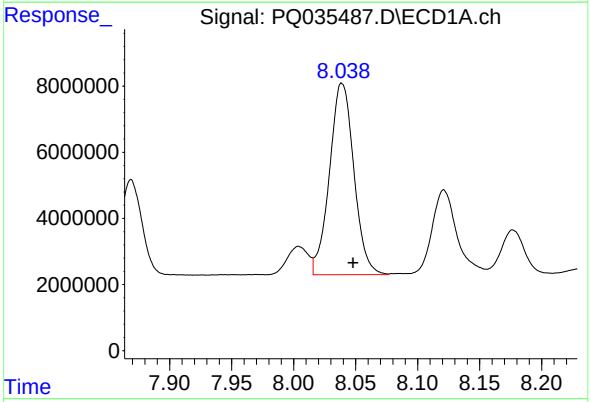
R.T.: 7.812 min
Delta R.T.: -0.008 min
Response: 66574965
Conc: 496.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



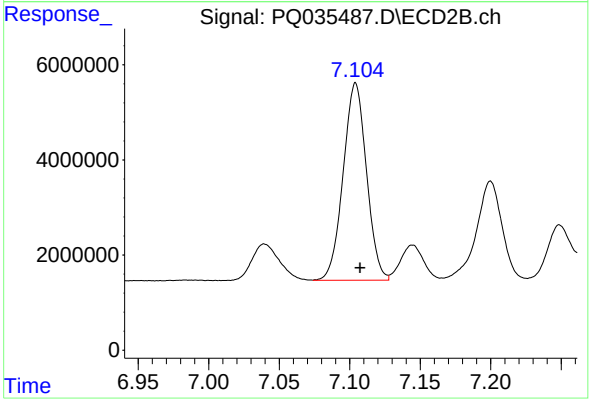
#33 AR-1260-3

R.T.: 6.636 min
Delta R.T.: -0.003 min
Response: 73016076
Conc: 522.53 ng/ml



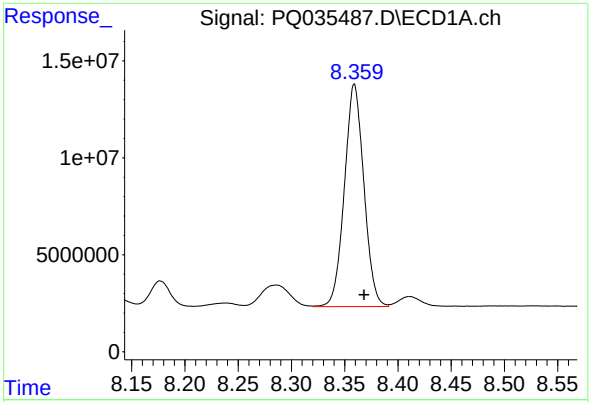
#34 AR-1260-4

R.T.: 8.039 min
Delta R.T.: -0.009 min
Response: 79437536
Conc: 481.99 ng/ml



#34 AR-1260-4

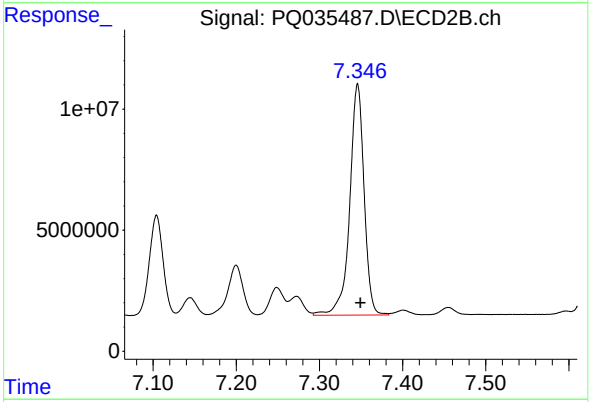
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 47686313
Conc: 513.55 ng/ml



#35 AR-1260-5

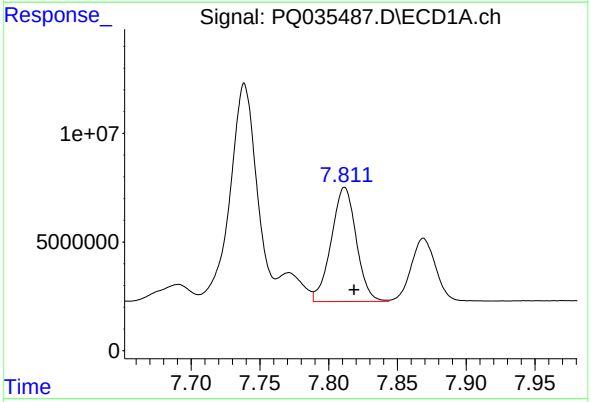
R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 146156116
Conc: 490.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



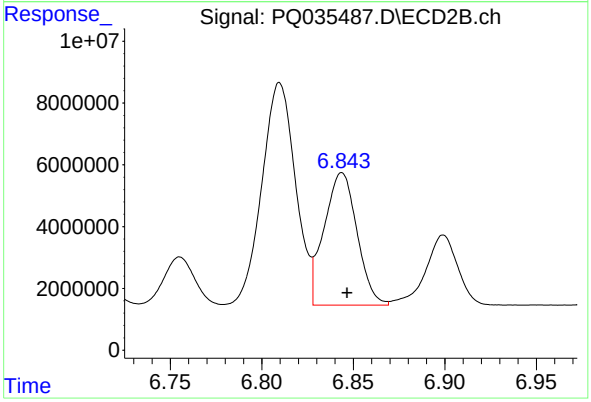
#35 AR-1260-5

R.T.: 7.346 min
Delta R.T.: -0.003 min
Response: 114795411
Conc: 511.57 ng/ml



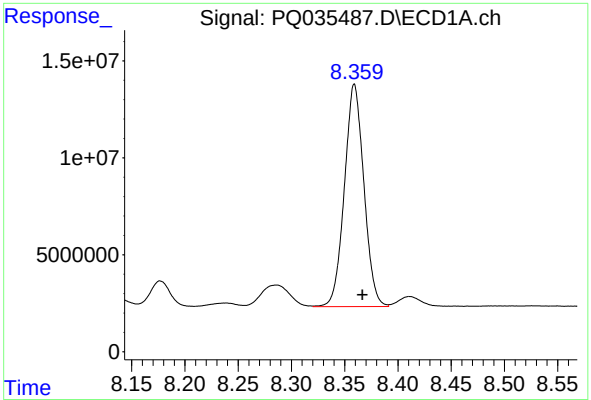
#36 AR-1262-1

R.T.: 7.812 min
Delta R.T.: -0.007 min
Response: 66574965
Conc: 303.89 ng/ml



#36 AR-1262-1

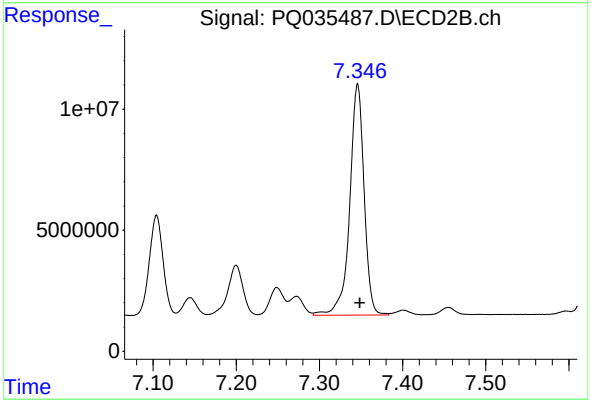
R.T.: 6.844 min
Delta R.T.: -0.003 min
Response: 53670573
Conc: 349.72 ng/ml



#37 AR-1262-2

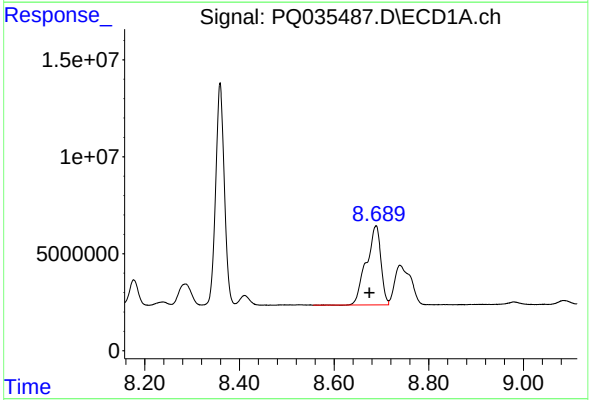
R.T.: 8.359 min
Delta R.T.: -0.007 min
Response: 146156116
Conc: 387.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



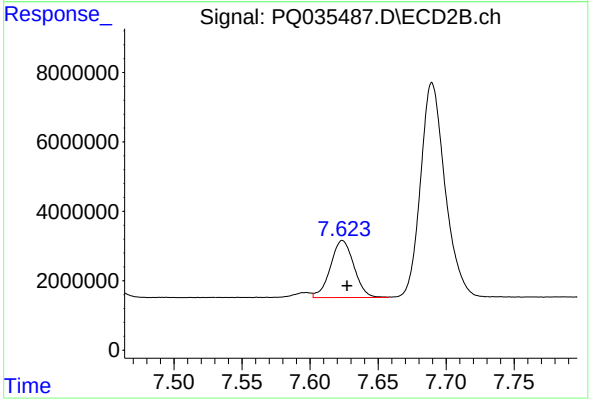
#37 AR-1262-2

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 114795411
Conc: 430.17 ng/ml



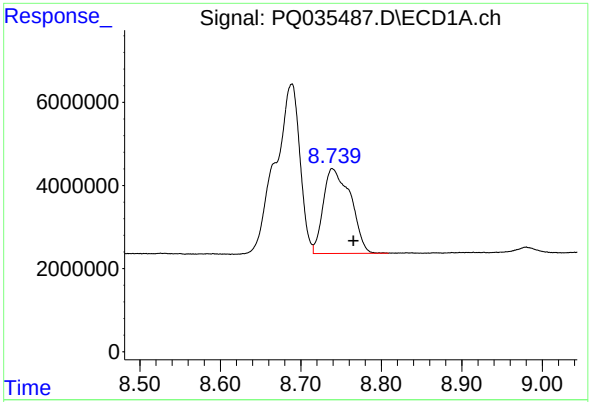
#38 AR-1262-3

R.T.: 8.689 min
Delta R.T.: 0.014 min
Response: 87098172
Conc: 362.32 ng/ml



#38 AR-1262-3

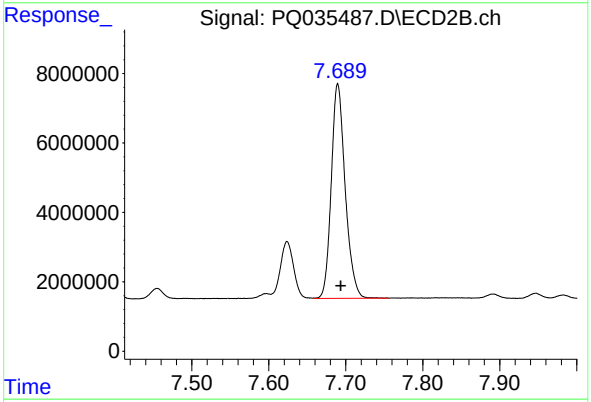
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 19689281
Conc: 189.72 ng/ml



#39 AR-1262-4

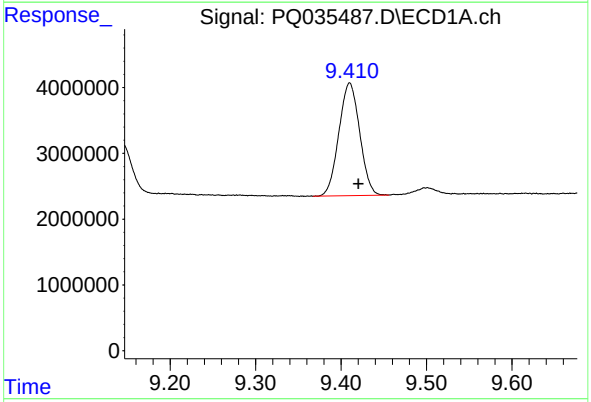
R.T.: 8.739 min
Delta R.T.: -0.026 min
Response: 48203549
Conc: 266.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



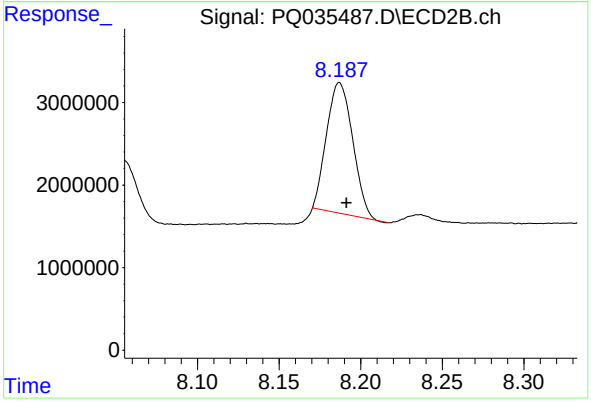
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: -0.004 min
Response: 77581508
Conc: 418.81 ng/ml



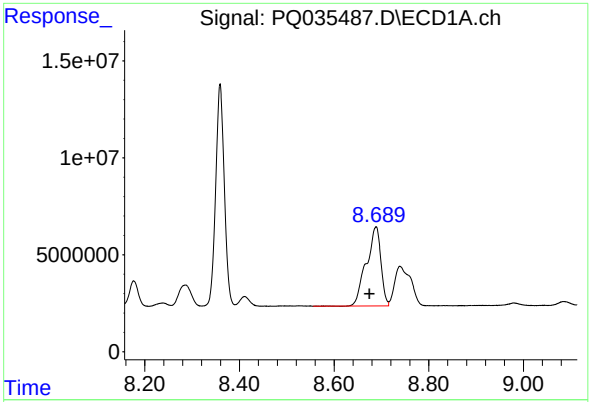
#40 AR-1262-5

R.T.: 9.410 min
Delta R.T.: -0.010 min
Response: 28972992
Conc: 254.41 ng/ml



#40 AR-1262-5

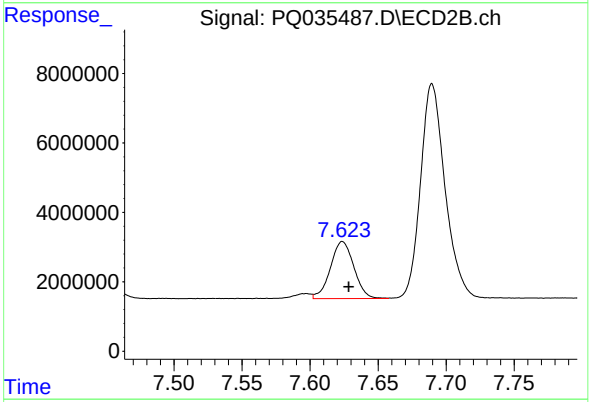
R.T.: 8.187 min
Delta R.T.: -0.004 min
Response: 17630502
Conc: 237.52 ng/ml



#41 AR-1268-1

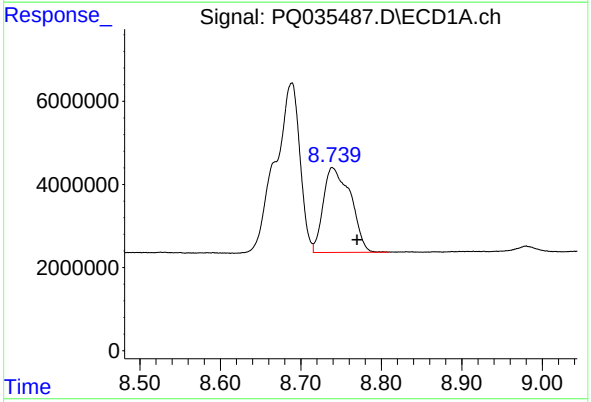
R.T.: 8.689 min
Delta R.T.: 0.014 min
Response: 87098172
Conc: 180.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



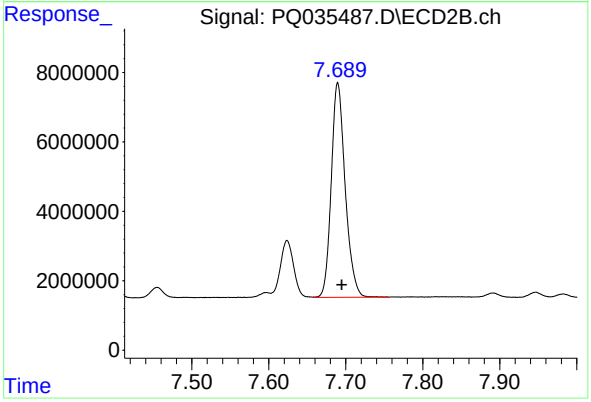
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.005 min
Response: 19689281
Conc: 59.05 ng/ml



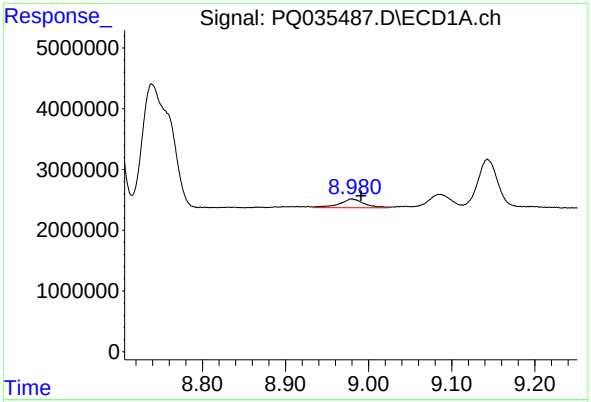
#42 AR-1268-2

R.T.: 8.739 min
Delta R.T.: -0.031 min
Response: 48203549
Conc: 111.72 ng/ml



#42 AR-1268-2

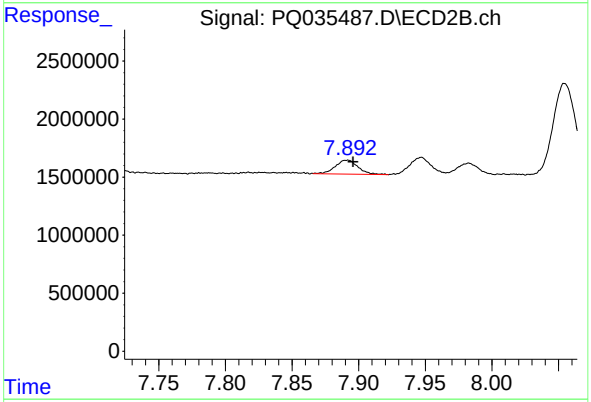
R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 77581508
Conc: 261.78 ng/ml



#43 AR-1268-3

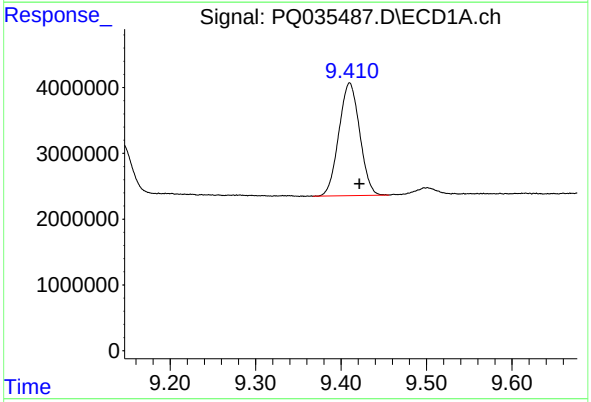
R.T.: 8.980 min
Delta R.T.: -0.011 min
Response: 2952077
Conc: 7.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



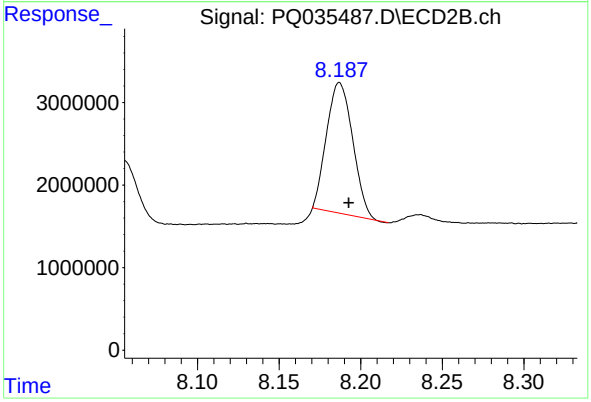
#43 AR-1268-3

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 1425109
Conc: 5.83 ng/ml



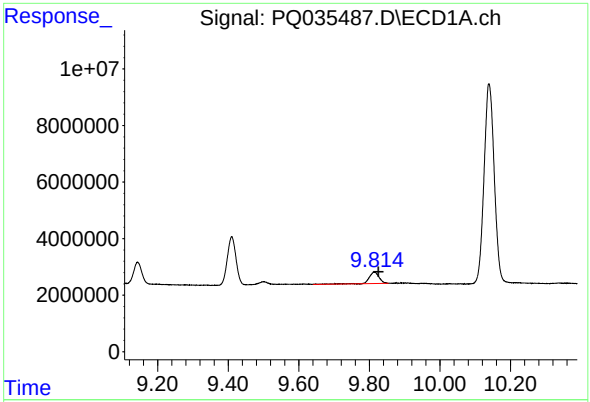
#44 AR-1268-4

R.T.: 9.410 min
Delta R.T.: -0.011 min
Response: 28972992
Conc: 211.34 ng/ml



#44 AR-1268-4

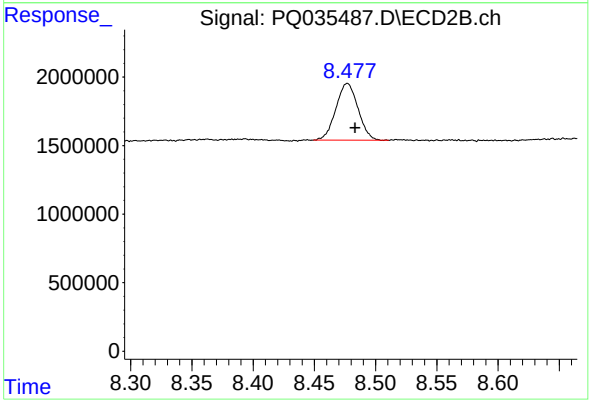
R.T.: 8.187 min
Delta R.T.: -0.006 min
Response: 17630502
Conc: 188.99 ng/ml



#45 AR-1268-5

R.T.: 9.814 min
Delta R.T.: -0.012 min
Response: 7888549
Conc: 6.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.477 min
Delta R.T.: -0.006 min
Response: 5216003
Conc: 7.14 ng/ml