

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081320\
 Data File : PQ049278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2020 20:16
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:22:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.251	4.283	137.7E6	93000808	22.368	26.241
2)	SA Decachlor...	11.481	9.640	415.6E6	227.5E6	44.245	48.941
Target Compounds							
3)	L1 AR-1016-1	6.583	5.546	3308933	1732665	12.843	11.224
4)	L1 AR-1016-2	6.610	5.565	4375777	1300660	12.265	6.225 #
5)	L1 AR-1016-3	6.675	5.760	2347082	1210924	10.808	11.709
6)	L1 AR-1016-4	6.779	5.809	1869995	46707833	10.480	575.455 #
7)	L1 AR-1016-5	7.096	6.039	42238513	26940315	228.841	235.143
9)	L2 AR-1221-2	5.610	4.639	3241160	1193236	56.423	37.184 #
10)	L2 AR-1221-3	5.694	0.000	739438	0	3.952	N.D. #
11)	L3 AR-1232-1	5.694	0.000	739438	0	4.908	N.D. #
12)	L3 AR-1232-2	6.283	5.565	893266	1300660	11.421	13.289
13)	L3 AR-1232-3	6.610	5.760	4375777	1210924	26.053	25.156
14)	L3 AR-1232-4	6.779	5.853	1869995	13774594	22.109	318.419 #
15)	L3 AR-1232-5	6.876	6.039	69333414	26940315	1102.173	541.838 #
16)	L4 AR-1242-1	6.583	5.546	3308933	1732665	14.087	12.469
17)	L4 AR-1242-2	6.610	5.565	4375777	1300660	13.638	6.923 #
18)	L4 AR-1242-3	6.675	5.760	2347082	1210924	11.798	12.602
19)	L4 AR-1242-4	6.779	5.853	1869995	13774594	11.211	145.192 #
20)	L4 AR-1242-5	7.568	6.419	41778862	128.1E6	205.247	921.326 #
21)	L5 AR-1248-1	6.583	5.546	3308933	1732665	19.705	17.086
22)	L5 AR-1248-2	6.876	5.809	69333414	46707833	307.778	374.197
23)	L5 AR-1248-3	7.096	5.853	42238513	13774594	165.346	106.896 #
24)	L5 AR-1248-4	7.527	6.039	70858739	26940315	221.851	168.516
25)	L5 AR-1248-5	7.568	6.462	41778862	15604321	138.153	90.261 #
26)	L6 AR-1254-1	7.494	6.419	129.1E6	128.1E6	400.394	471.030
27)	L6 AR-1254-2	7.723	6.577	205.0E6	112.7E6	404.750	461.927
28)	L6 AR-1254-3	8.109	7.000	220.0E6	186.2E6	411.504	461.798
29)	L6 AR-1254-4	8.406	7.237	184.0E6	128.3E6	392.891	475.641
30)	L6 AR-1254-5	8.837	7.667	194.1E6	171.7E6	404.513	466.108
31)	L7 AR-1260-1	8.274	7.137	89531378	87168712	244.774	382.209 #
32)	L7 AR-1260-2	8.539	7.331	109.1E6	74305456	219.501	256.814
33)	L7 AR-1260-3	8.901	7.487	24223879	73940536	57.609	285.869 #
34)	L7 AR-1260-4	9.150	7.971	77239875	7822604	185.278	34.309 #
35)	L7 AR-1260-5	9.503	8.217	40799414	20073141	39.826	33.774
36)	L8 AR-1262-1	8.901	7.667	24223879	171.7E6	33.687	822.527 #
37)	L8 AR-1262-2	9.503	8.217	40799414	20073141	30.046	25.381
38)	L8 AR-1262-3	9.867	8.566	25876944	19400183	40.033	60.182 #
39)	L8 AR-1262-4	9.921	8.566	6767369	19400183	9.211	32.918 #
40)	L8 AR-1262-5	10.666	0.000	1584826	0	2.873	N.D. #
41)	L9 AR-1268-1	9.867	8.566	25876944	19400183	15.035	20.990 #
42)	L9 AR-1268-2	9.921	8.566	6767369	19400183	4.306	22.540 #

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 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

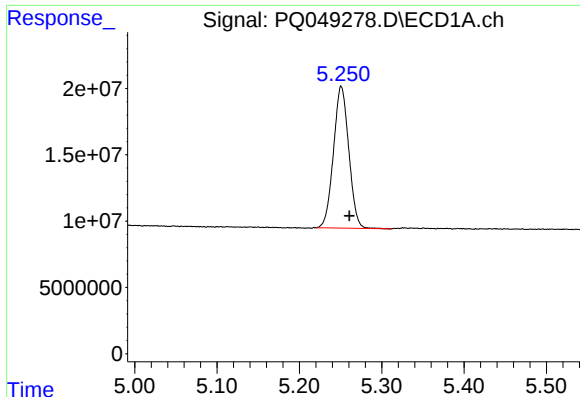
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:22:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.186	8.781	4761523	1294526	3.445	1.798 #
44) L9	AR-1268-4	10.666	0.000	1584826	0	2.568	N.D. #
45) L9	AR-1268-5	11.113	9.377	4194937	1666322	0.974	0.725 #

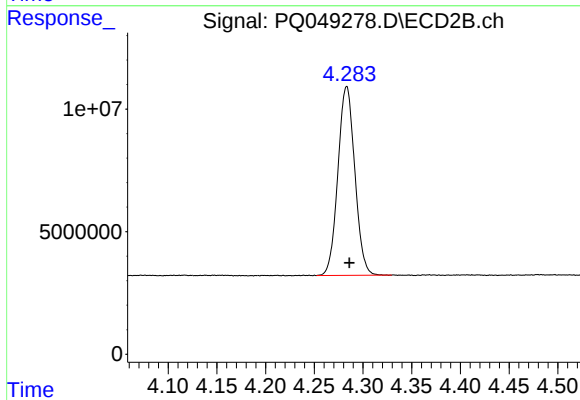
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

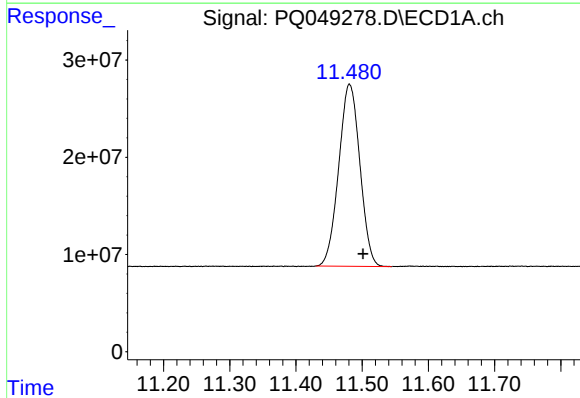
R.T.: 5.251 min
Delta R.T.: -0.010 min
Response: 137694375
Conc: 22.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



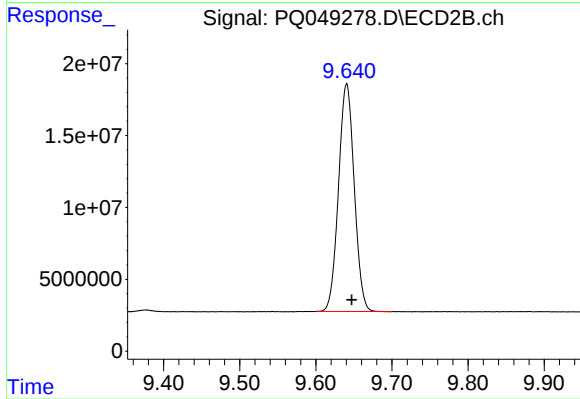
#1 Tetrachloro-m-xylene

R.T.: 4.283 min
Delta R.T.: -0.003 min
Response: 93000808
Conc: 26.24 ng/ml



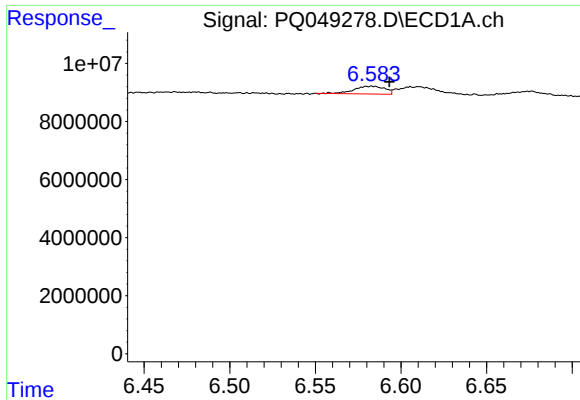
#2 Decachlorobiphenyl

R.T.: 11.481 min
Delta R.T.: -0.021 min
Response: 415620232
Conc: 44.25 ng/ml



#2 Decachlorobiphenyl

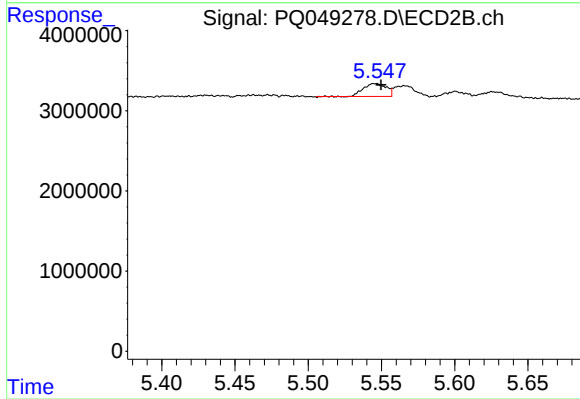
R.T.: 9.640 min
Delta R.T.: -0.007 min
Response: 227508595
Conc: 48.94 ng/ml



#3 AR-1016-1

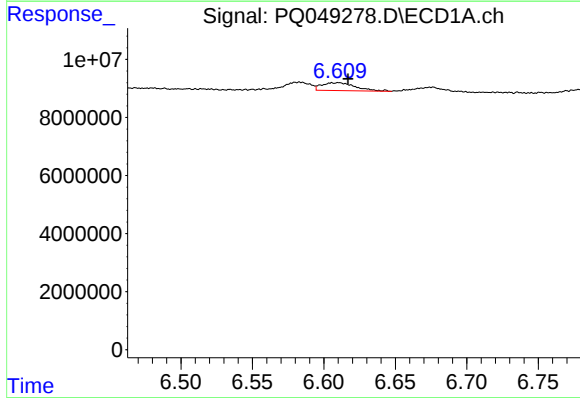
R.T.: 6.583 min
Delta R.T.: -0.010 min
Response: 3308933
Conc: 12.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



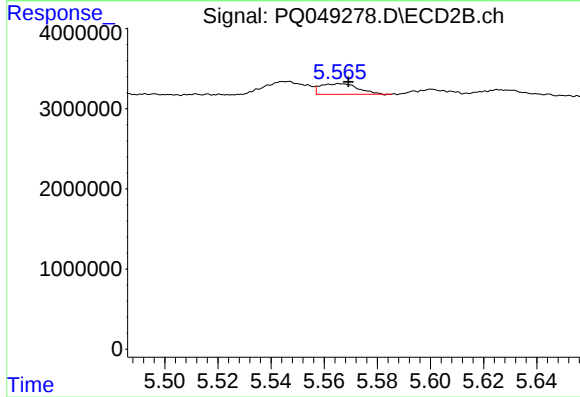
#3 AR-1016-1

R.T.: 5.546 min
Delta R.T.: -0.004 min
Response: 1732665
Conc: 11.22 ng/ml



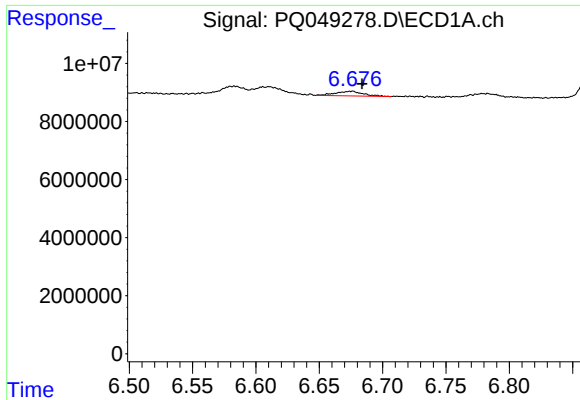
#4 AR-1016-2

R.T.: 6.610 min
Delta R.T.: -0.007 min
Response: 4375777
Conc: 12.27 ng/ml



#4 AR-1016-2

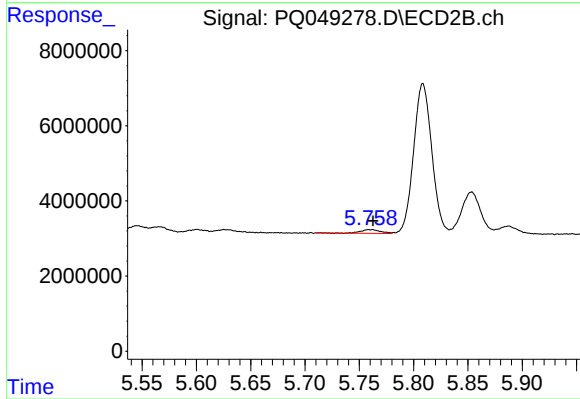
R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 1300660
Conc: 6.23 ng/ml



#5 AR-1016-3

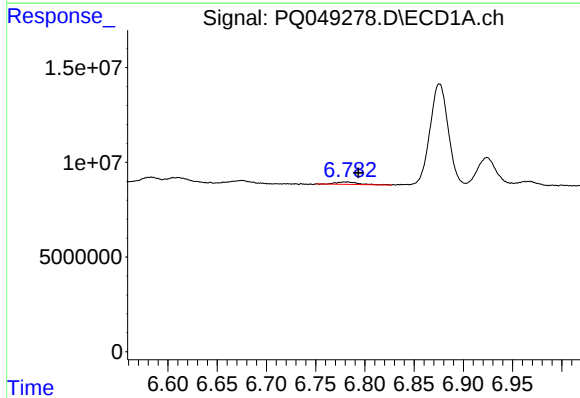
R.T.: 6.675 min
Delta R.T.: -0.008 min
Response: 2347082
Conc: 10.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



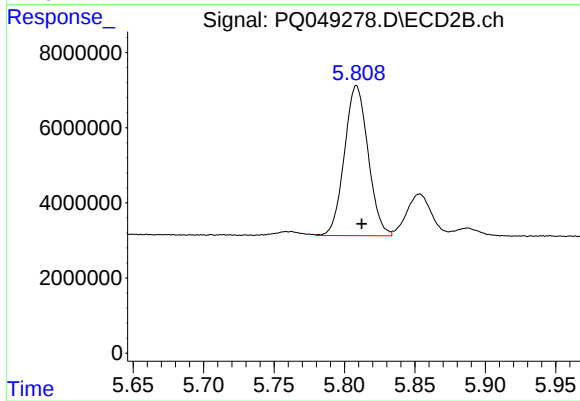
#5 AR-1016-3

R.T.: 5.760 min
Delta R.T.: -0.003 min
Response: 1210924
Conc: 11.71 ng/ml



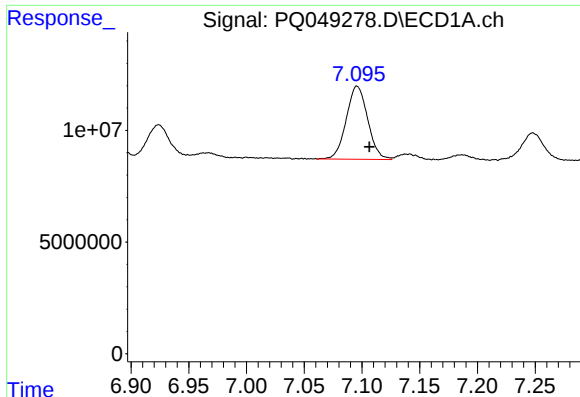
#6 AR-1016-4

R.T.: 6.779 min
Delta R.T.: -0.014 min
Response: 1869995
Conc: 10.48 ng/ml



#6 AR-1016-4

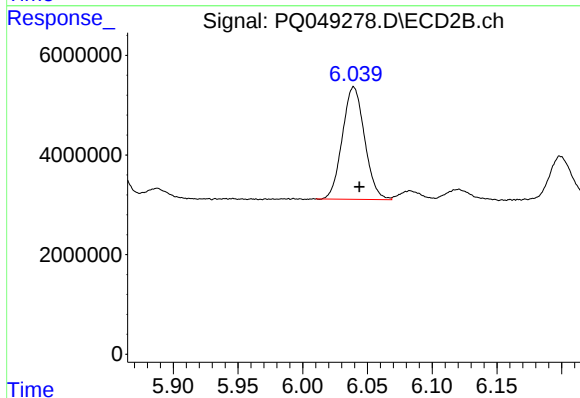
R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 46707833
Conc: 575.46 ng/ml



#7 AR-1016-5

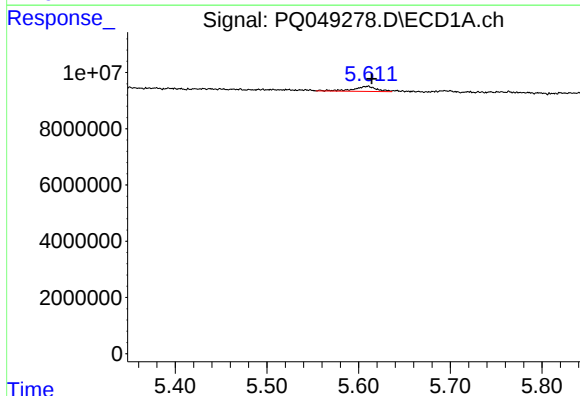
R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 42238513
Conc: 228.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



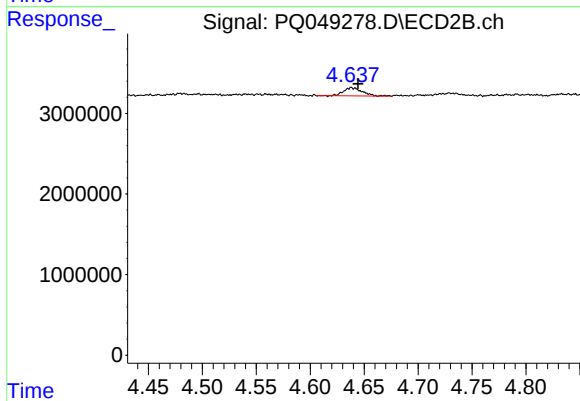
#7 AR-1016-5

R.T.: 6.039 min
Delta R.T.: -0.004 min
Response: 26940315
Conc: 235.14 ng/ml



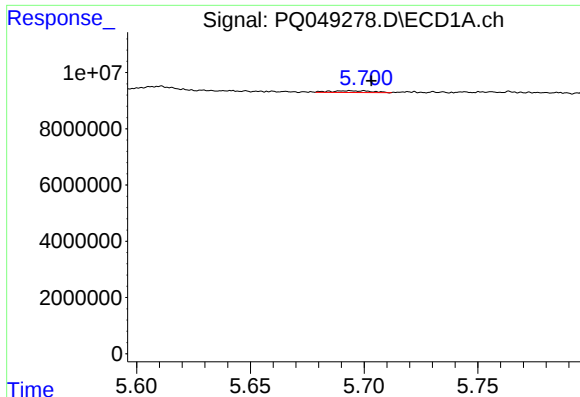
#9 AR-1221-2

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 3241160
Conc: 56.42 ng/ml



#9 AR-1221-2

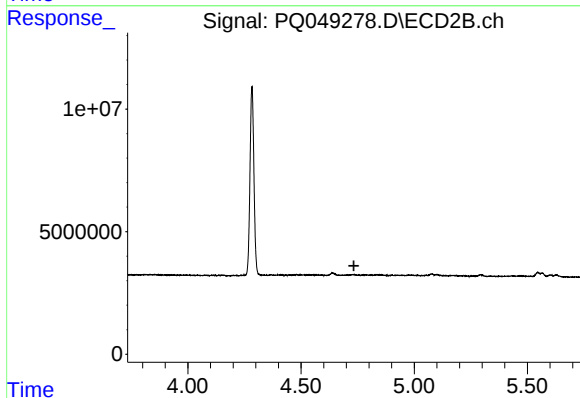
R.T.: 4.639 min
Delta R.T.: -0.006 min
Response: 1193236
Conc: 37.18 ng/ml



#10 AR-1221-3

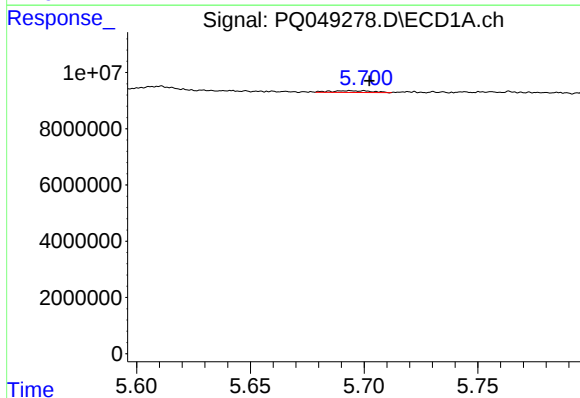
R.T.: 5.694 min
Delta R.T.: -0.009 min
Response: 739438
Conc: 3.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



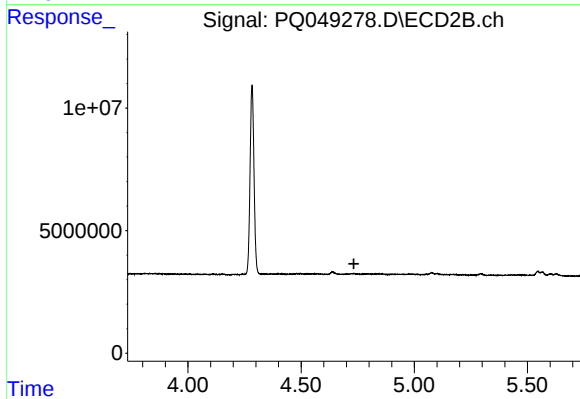
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



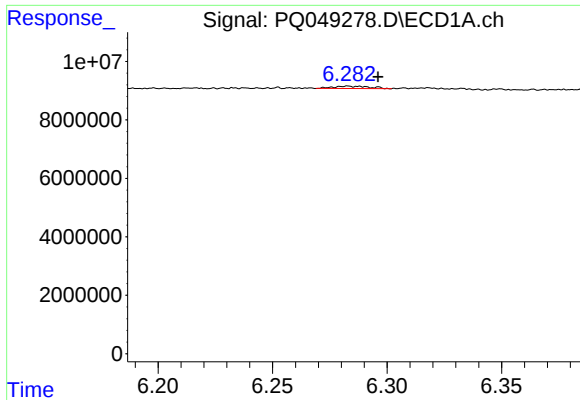
#11 AR-1232-1

R.T.: 5.694 min
Delta R.T.: -0.009 min
Response: 739438
Conc: 4.91 ng/ml



#11 AR-1232-1

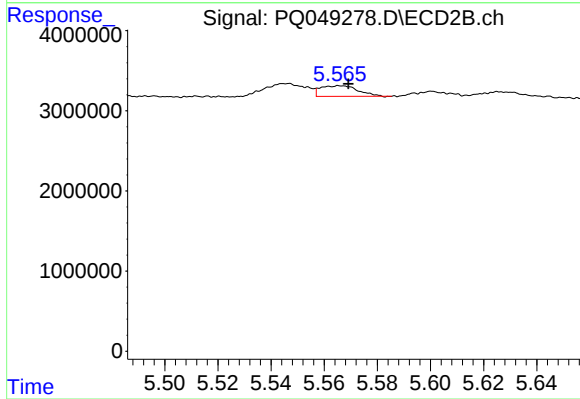
R.T.: 0.000 min
Exp R.T. : 4.733 min
Response: 0
Conc: N.D.



#12 AR-1232-2

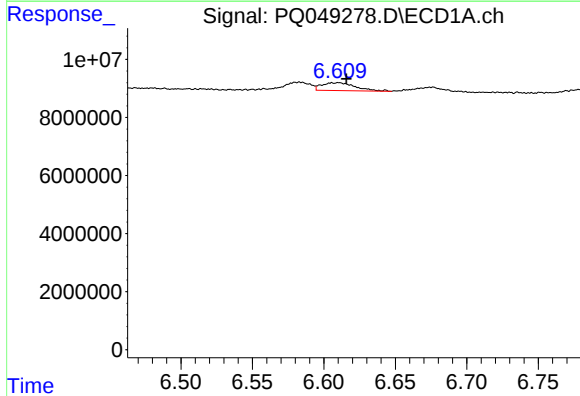
R.T.: 6.283 min
Delta R.T.: -0.013 min
Response: 893266
Conc: 11.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



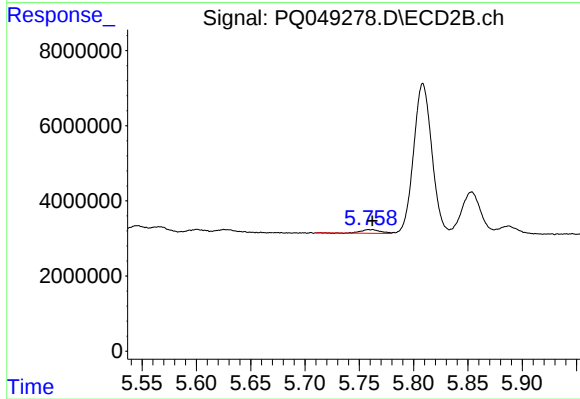
#12 AR-1232-2

R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 1300660
Conc: 13.29 ng/ml



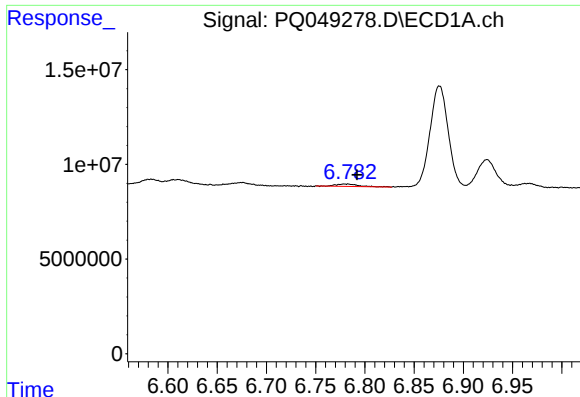
#13 AR-1232-3

R.T.: 6.610 min
Delta R.T.: -0.005 min
Response: 4375777
Conc: 26.05 ng/ml



#13 AR-1232-3

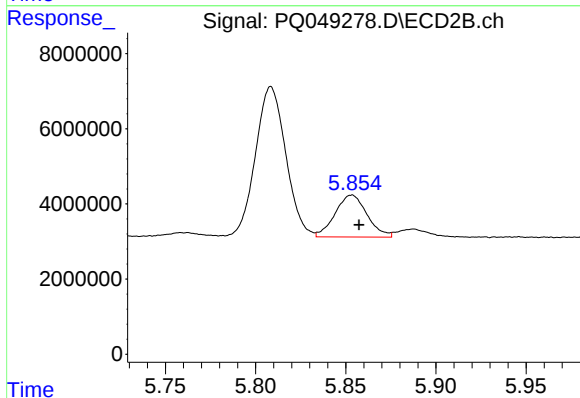
R.T.: 5.760 min
Delta R.T.: -0.002 min
Response: 1210924
Conc: 25.16 ng/ml



#14 AR-1232-4

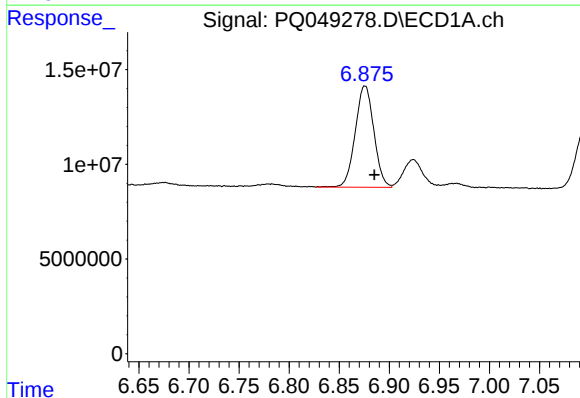
R.T.: 6.779 min
Delta R.T.: -0.013 min
Response: 1869995
Conc: 22.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



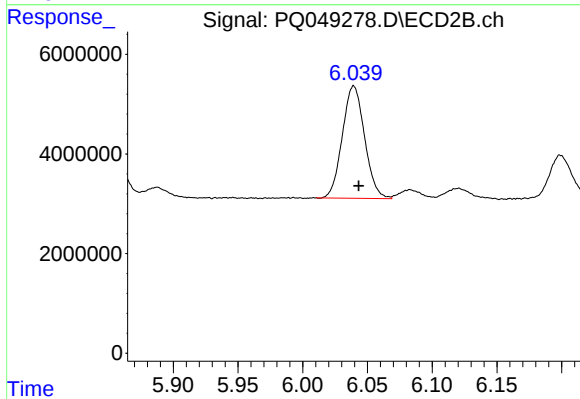
#14 AR-1232-4

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 13774594
Conc: 318.42 ng/ml



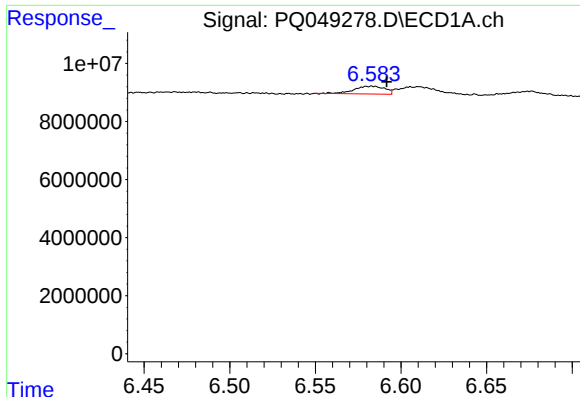
#15 AR-1232-5

R.T.: 6.876 min
Delta R.T.: -0.009 min
Response: 69333414
Conc: 1102.17 ng/ml



#15 AR-1232-5

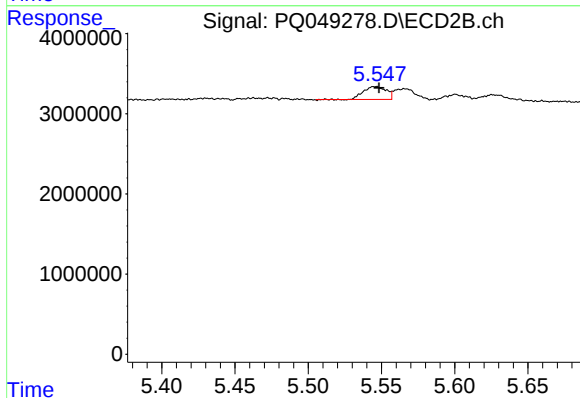
R.T.: 6.039 min
Delta R.T.: -0.004 min
Response: 26940315
Conc: 541.84 ng/ml



#16 AR-1242-1

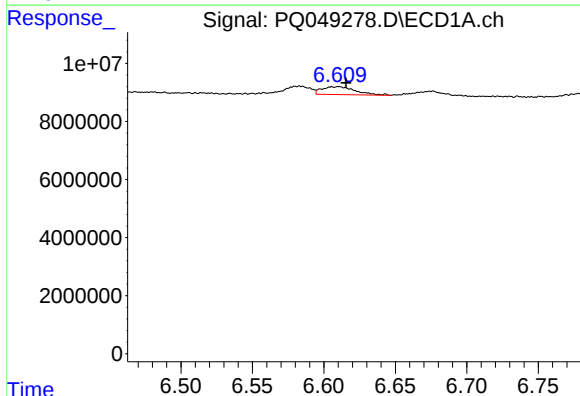
R.T.: 6.583 min
Delta R.T.: -0.009 min
Response: 3308933
Conc: 14.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



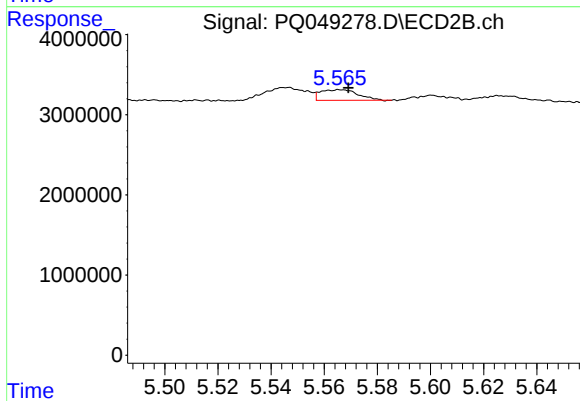
#16 AR-1242-1

R.T.: 5.546 min
Delta R.T.: -0.003 min
Response: 1732665
Conc: 12.47 ng/ml



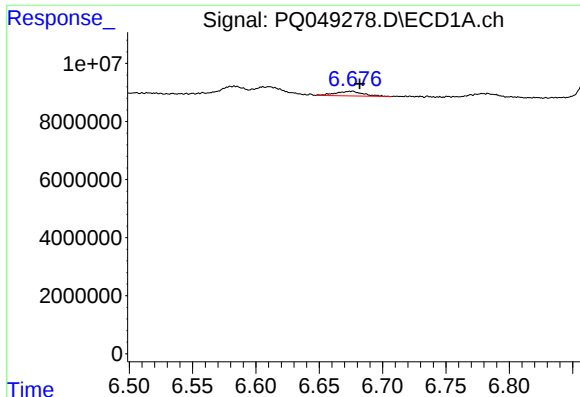
#17 AR-1242-2

R.T.: 6.610 min
Delta R.T.: -0.005 min
Response: 4375777
Conc: 13.64 ng/ml



#17 AR-1242-2

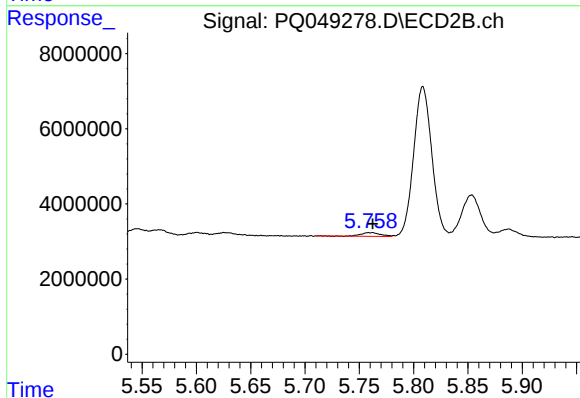
R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 1300660
Conc: 6.92 ng/ml



#18 AR-1242-3

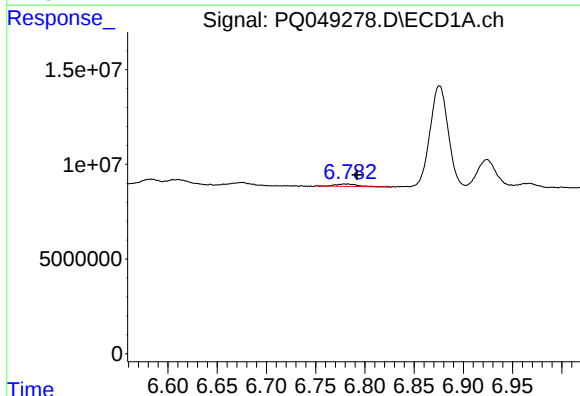
R.T.: 6.675 min
Delta R.T.: -0.007 min
Response: 2347082
Conc: 11.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



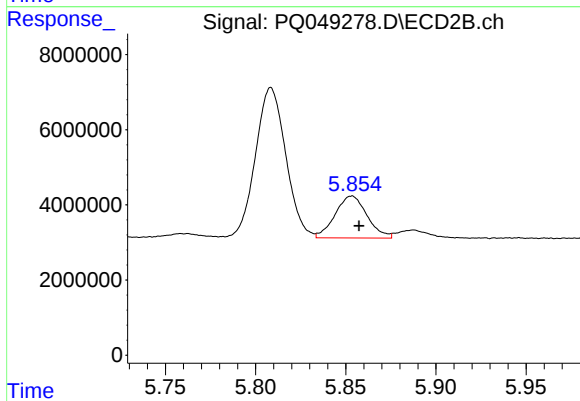
#18 AR-1242-3

R.T.: 5.760 min
Delta R.T.: -0.002 min
Response: 1210924
Conc: 12.60 ng/ml



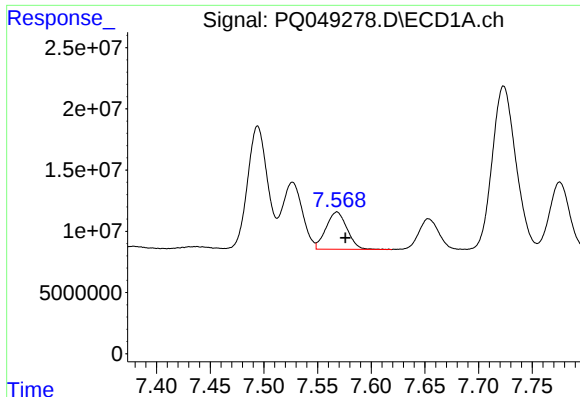
#19 AR-1242-4

R.T.: 6.779 min
Delta R.T.: -0.012 min
Response: 1869995
Conc: 11.21 ng/ml



#19 AR-1242-4

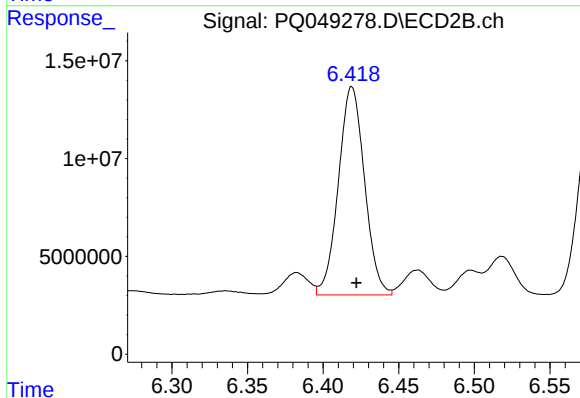
R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 13774594
Conc: 145.19 ng/ml



#20 AR-1242-5

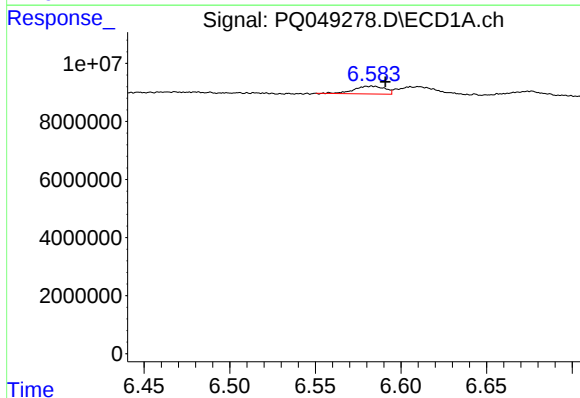
R.T.: 7.568 min
Delta R.T.: -0.008 min
Response: 41778862
Conc: 205.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



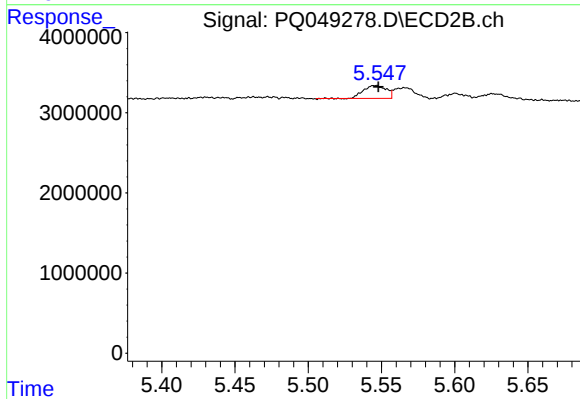
#20 AR-1242-5

R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 128130473
Conc: 921.33 ng/ml



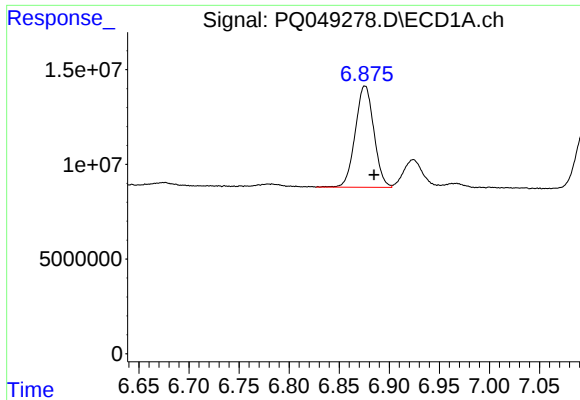
#21 AR-1248-1

R.T.: 6.583 min
Delta R.T.: -0.008 min
Response: 3308933
Conc: 19.70 ng/ml



#21 AR-1248-1

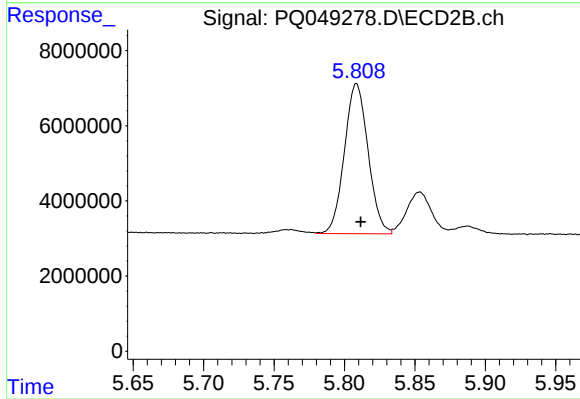
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 1732665
Conc: 17.09 ng/ml



#22 AR-1248-2

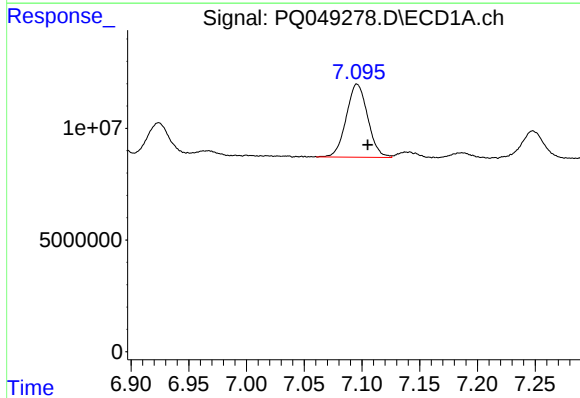
R.T.: 6.876 min
Delta R.T.: -0.009 min
Response: 69333414
Conc: 307.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



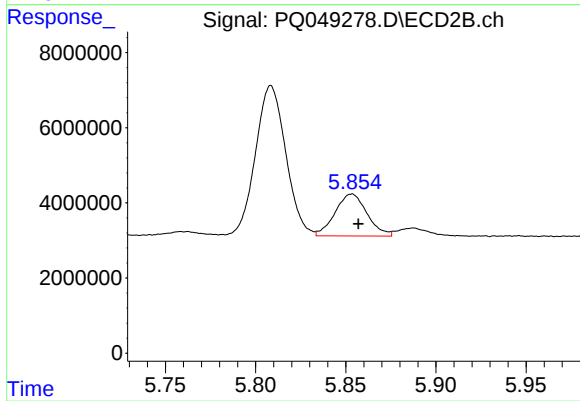
#22 AR-1248-2

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 46707833
Conc: 374.20 ng/ml



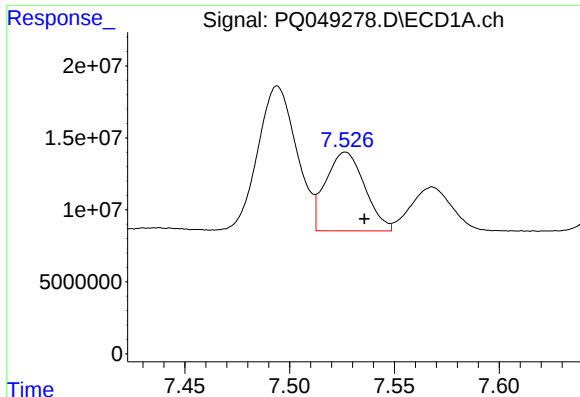
#23 AR-1248-3

R.T.: 7.096 min
Delta R.T.: -0.009 min
Response: 42238513
Conc: 165.35 ng/ml



#23 AR-1248-3

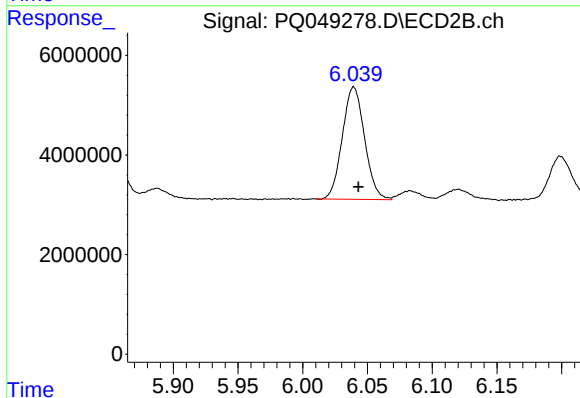
R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 13774594
Conc: 106.90 ng/ml



#24 AR-1248-4

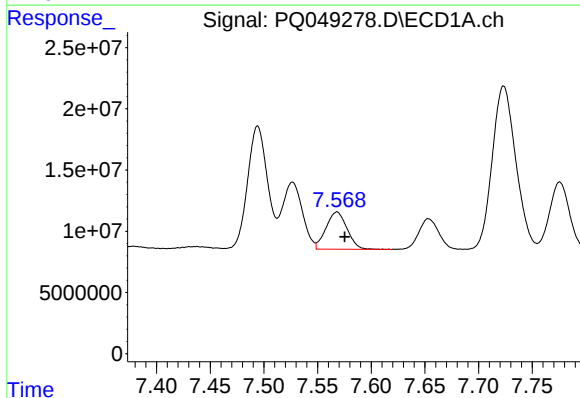
R.T.: 7.527 min
Delta R.T.: -0.009 min
Response: 70858739
Conc: 221.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



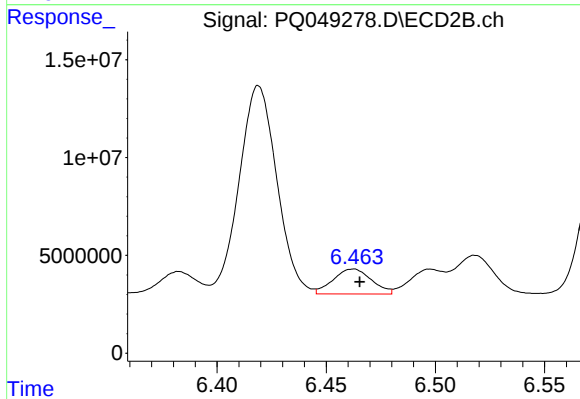
#24 AR-1248-4

R.T.: 6.039 min
Delta R.T.: -0.004 min
Response: 26940315
Conc: 168.52 ng/ml



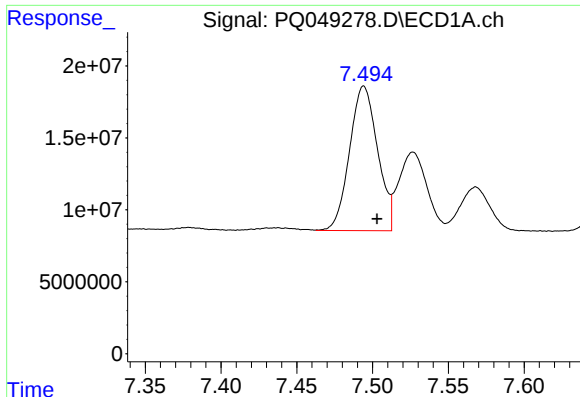
#25 AR-1248-5

R.T.: 7.568 min
Delta R.T.: -0.007 min
Response: 41778862
Conc: 138.15 ng/ml



#25 AR-1248-5

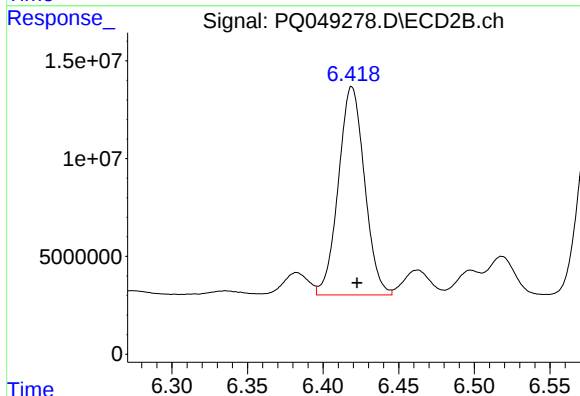
R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 15604321
Conc: 90.26 ng/ml



#26 AR-1254-1

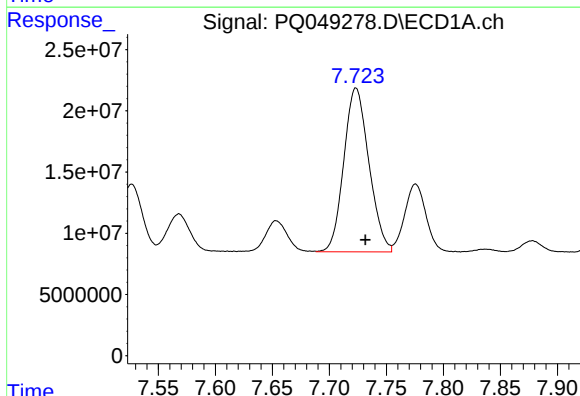
R.T.: 7.494 min
Delta R.T.: -0.009 min
Response: 129057272
Conc: 400.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



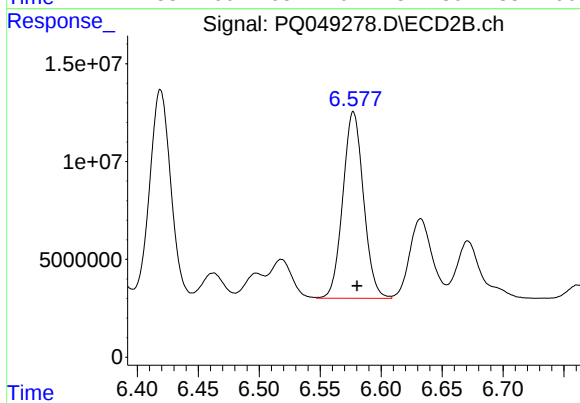
#26 AR-1254-1

R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 128130473
Conc: 471.03 ng/ml



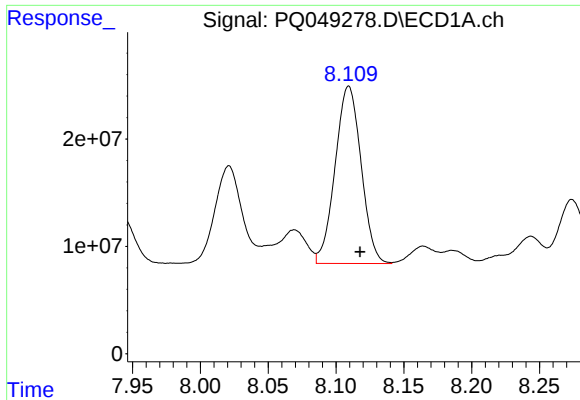
#27 AR-1254-2

R.T.: 7.723 min
Delta R.T.: -0.008 min
Response: 204960584
Conc: 404.75 ng/ml



#27 AR-1254-2

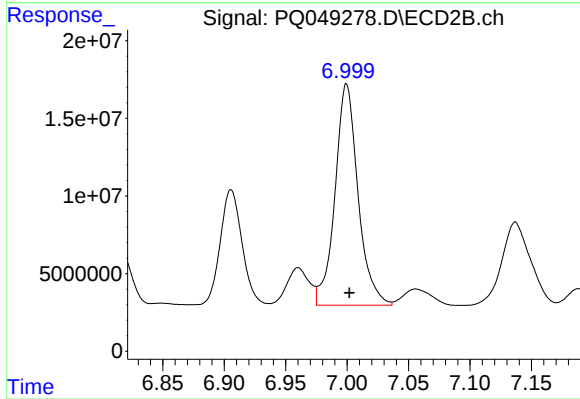
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 112689431
Conc: 461.93 ng/ml



#28 AR-1254-3

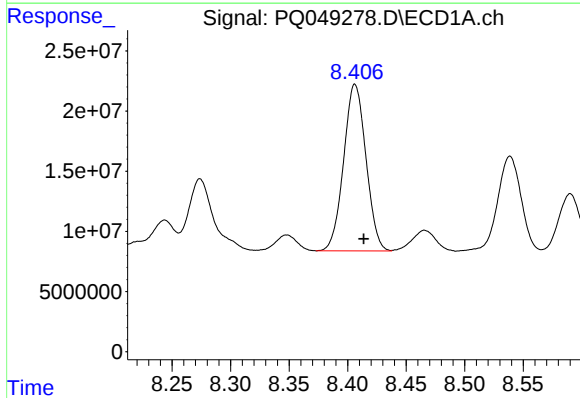
R.T.: 8.109 min
Delta R.T.: -0.008 min
Response: 220019411
Conc: 411.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



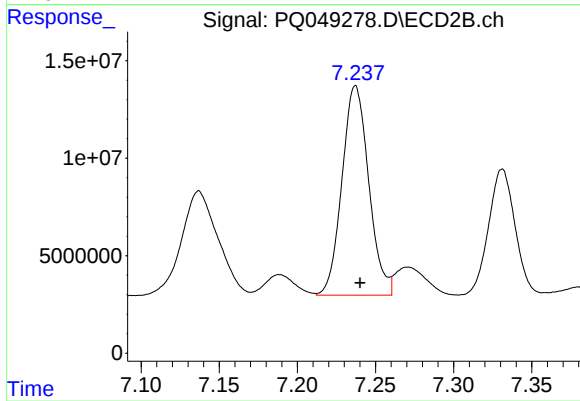
#28 AR-1254-3

R.T.: 7.000 min
Delta R.T.: -0.002 min
Response: 186232521
Conc: 461.80 ng/ml



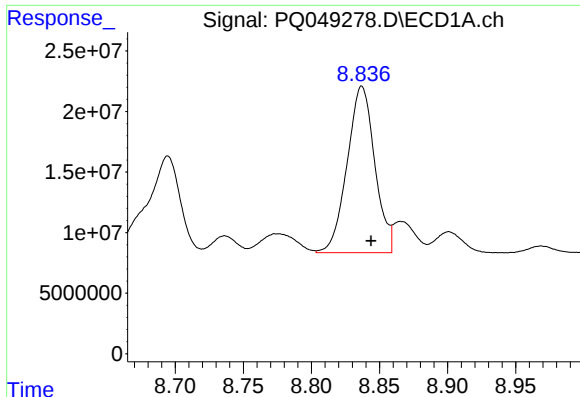
#29 AR-1254-4

R.T.: 8.406 min
Delta R.T.: -0.008 min
Response: 183991467
Conc: 392.89 ng/ml



#29 AR-1254-4

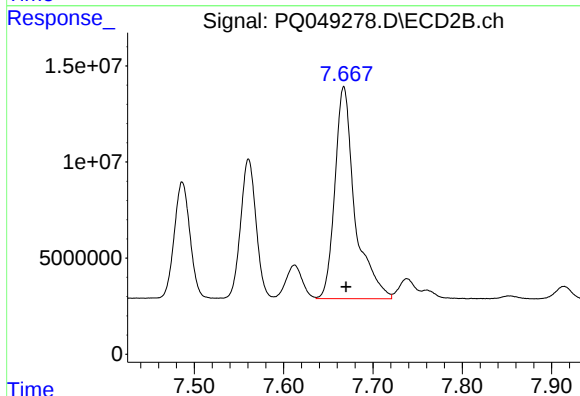
R.T.: 7.237 min
Delta R.T.: -0.003 min
Response: 128290866
Conc: 475.64 ng/ml



#30 AR-1254-5

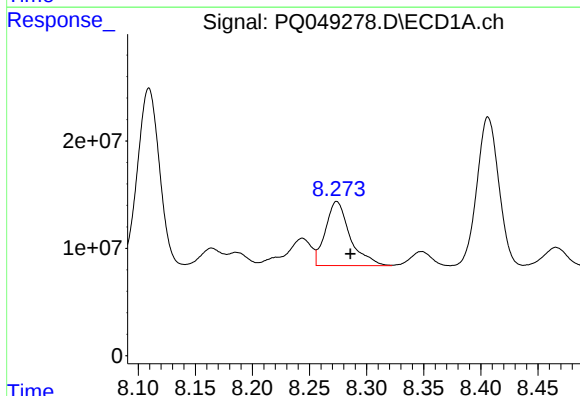
R.T.: 8.837 min
Delta R.T.: -0.007 min
Response: 194062660
Conc: 404.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



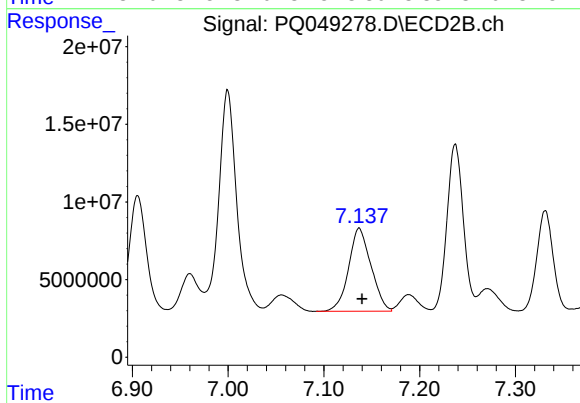
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: -0.003 min
Response: 171695839
Conc: 466.11 ng/ml



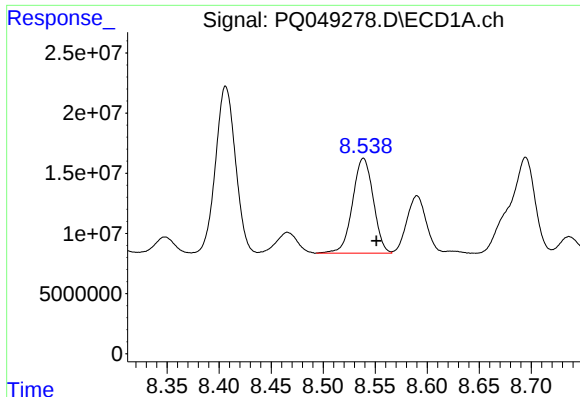
#31 AR-1260-1

R.T.: 8.274 min
Delta R.T.: -0.012 min
Response: 89531378
Conc: 244.77 ng/ml



#31 AR-1260-1

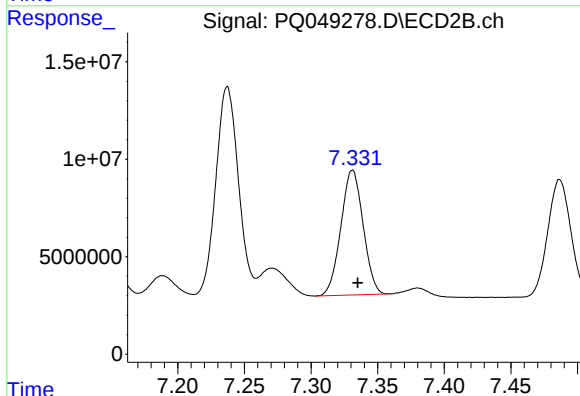
R.T.: 7.137 min
Delta R.T.: -0.003 min
Response: 87168712
Conc: 382.21 ng/ml



#32 AR-1260-2

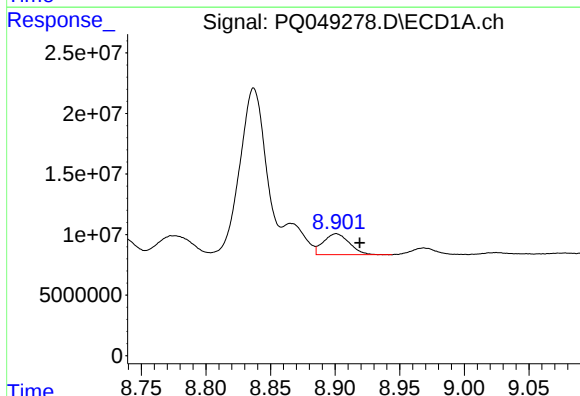
R.T.: 8.539 min
Delta R.T.: -0.012 min
Response: 109149207
Conc: 219.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



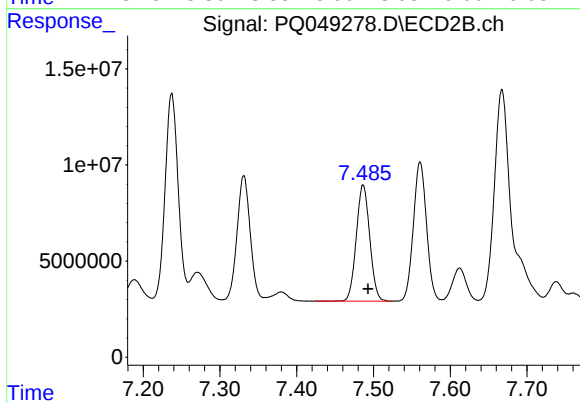
#32 AR-1260-2

R.T.: 7.331 min
Delta R.T.: -0.004 min
Response: 74305456
Conc: 256.81 ng/ml



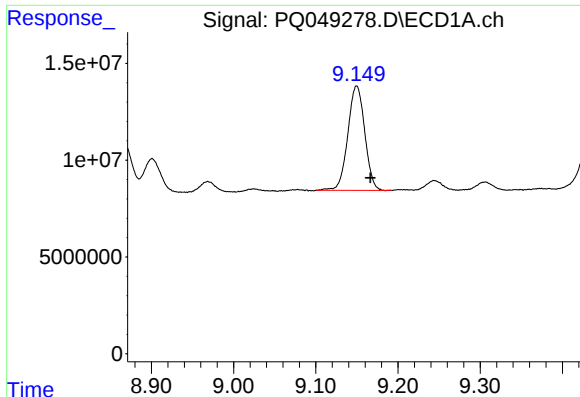
#33 AR-1260-3

R.T.: 8.901 min
Delta R.T.: -0.018 min
Response: 24223879
Conc: 57.61 ng/ml



#33 AR-1260-3

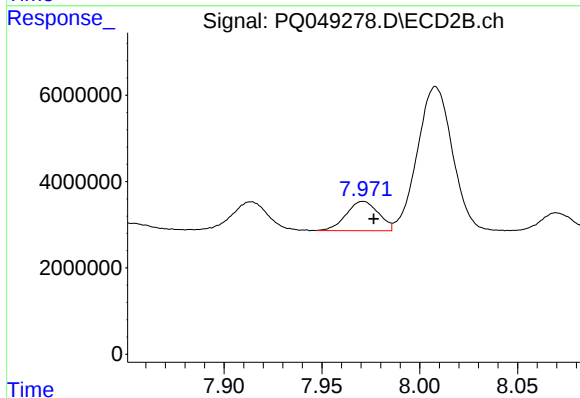
R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 73940536
Conc: 285.87 ng/ml



#34 AR-1260-4

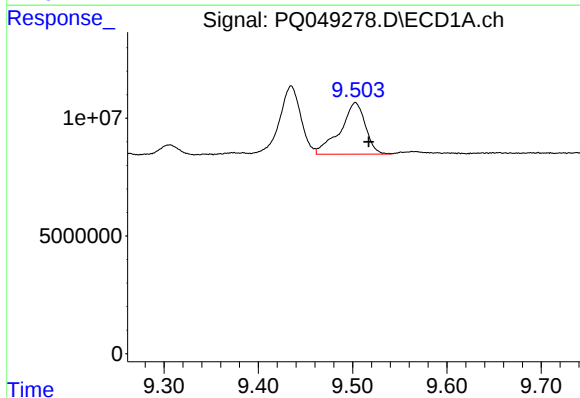
R.T.: 9.150 min
Delta R.T.: -0.017 min
Response: 77239875
Conc: 185.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



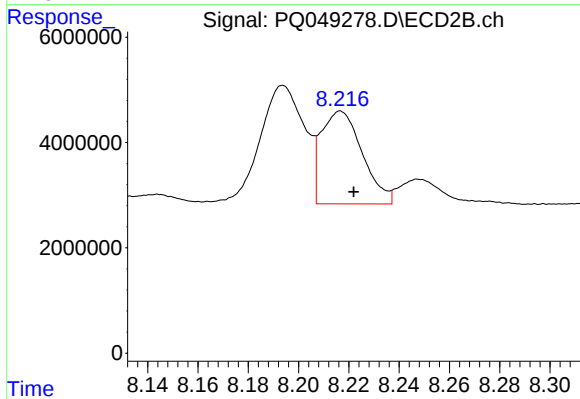
#34 AR-1260-4

R.T.: 7.971 min
Delta R.T.: -0.005 min
Response: 7822604
Conc: 34.31 ng/ml



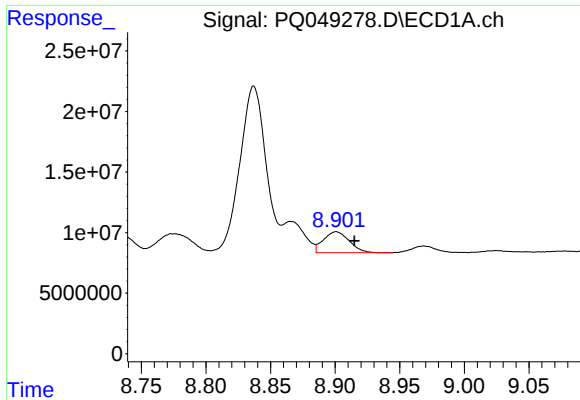
#35 AR-1260-5

R.T.: 9.503 min
Delta R.T.: -0.014 min
Response: 40799414
Conc: 39.83 ng/ml



#35 AR-1260-5

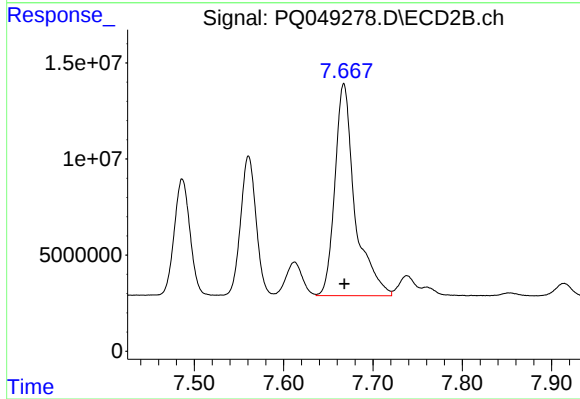
R.T.: 8.217 min
Delta R.T.: -0.005 min
Response: 20073141
Conc: 33.77 ng/ml



#36 AR-1262-1

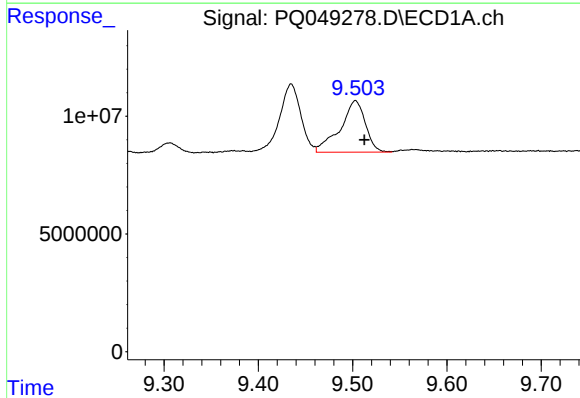
R.T.: 8.901 min
Delta R.T.: -0.014 min
Response: 24223879
Conc: 33.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



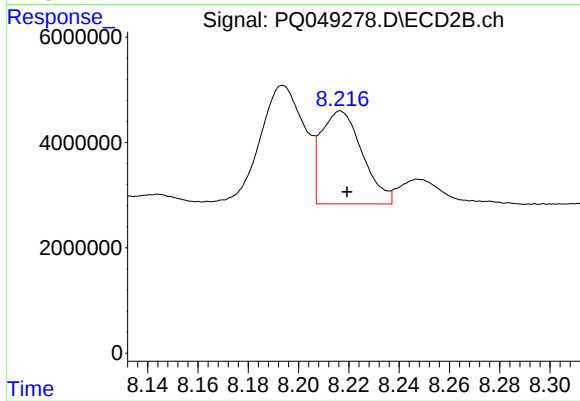
#36 AR-1262-1

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 171695839
Conc: 822.53 ng/ml



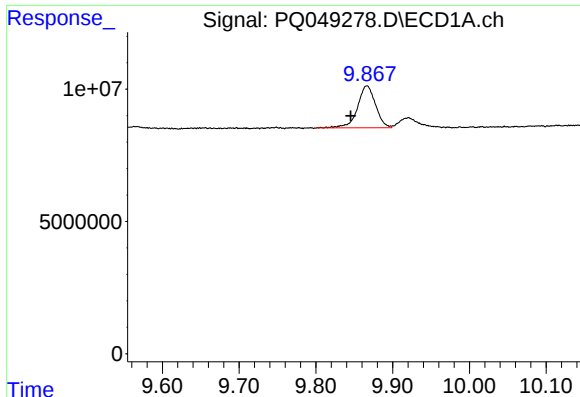
#37 AR-1262-2

R.T.: 9.503 min
Delta R.T.: -0.010 min
Response: 40799414
Conc: 30.05 ng/ml



#37 AR-1262-2

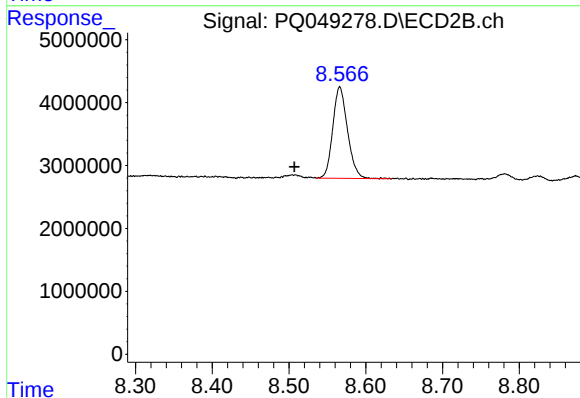
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 20073141
Conc: 25.38 ng/ml



#38 AR-1262-3

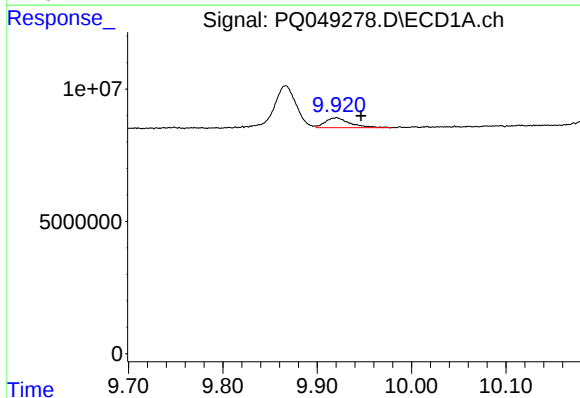
R.T.: 9.867 min
Delta R.T.: 0.021 min
Response: 25876944
Conc: 40.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



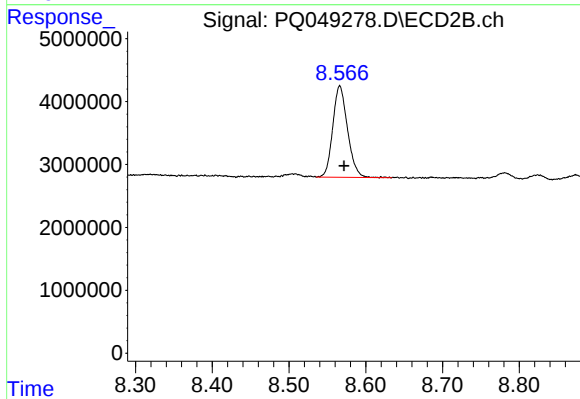
#38 AR-1262-3

R.T.: 8.566 min
Delta R.T.: 0.059 min
Response: 19400183
Conc: 60.18 ng/ml



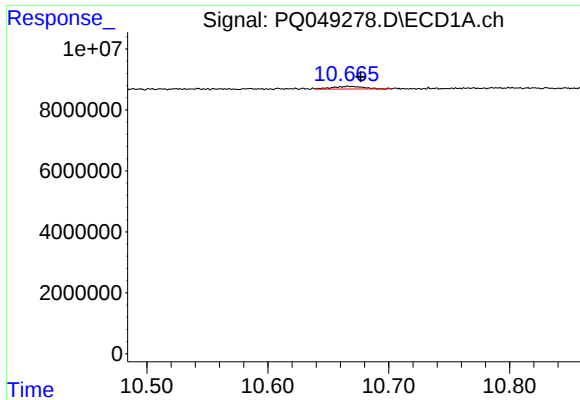
#39 AR-1262-4

R.T.: 9.921 min
Delta R.T.: -0.026 min
Response: 6767369
Conc: 9.21 ng/ml



#39 AR-1262-4

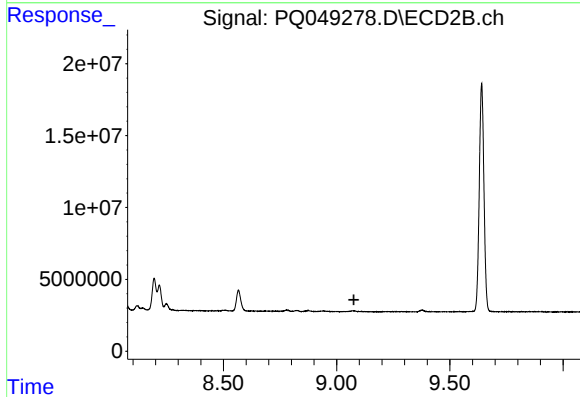
R.T.: 8.566 min
Delta R.T.: -0.006 min
Response: 19400183
Conc: 32.92 ng/ml



#40 AR-1262-5

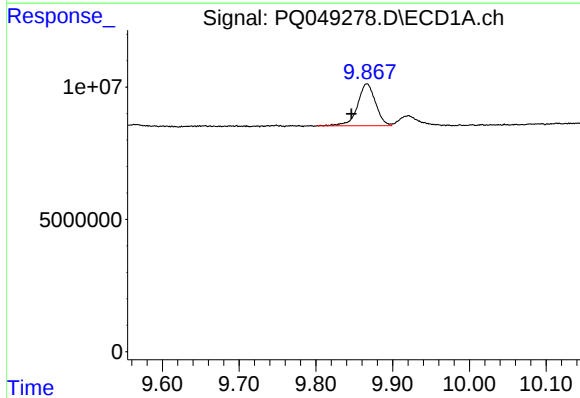
R.T.: 10.666 min
Delta R.T.: -0.011 min
Response: 1584826
Conc: 2.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



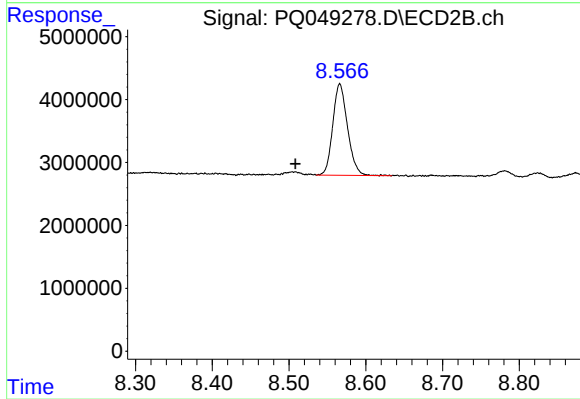
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.076 min
Response: 0
Conc: N.D.



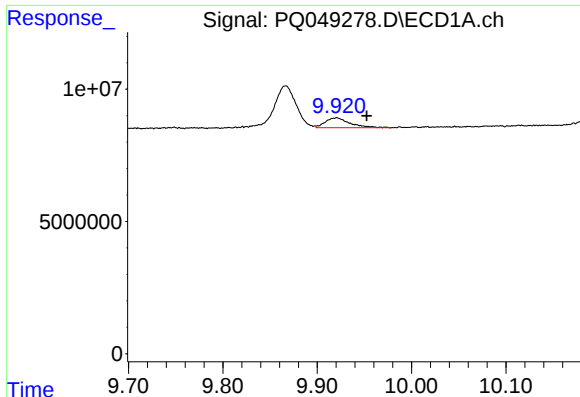
#41 AR-1268-1

R.T.: 9.867 min
Delta R.T.: 0.020 min
Response: 25876944
Conc: 15.04 ng/ml



#41 AR-1268-1

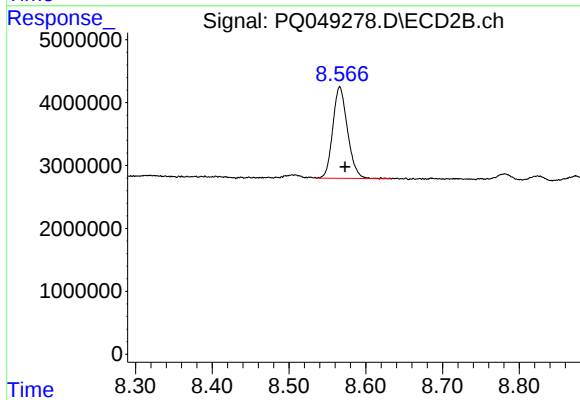
R.T.: 8.566 min
Delta R.T.: 0.058 min
Response: 19400183
Conc: 20.99 ng/ml



#42 AR-1268-2

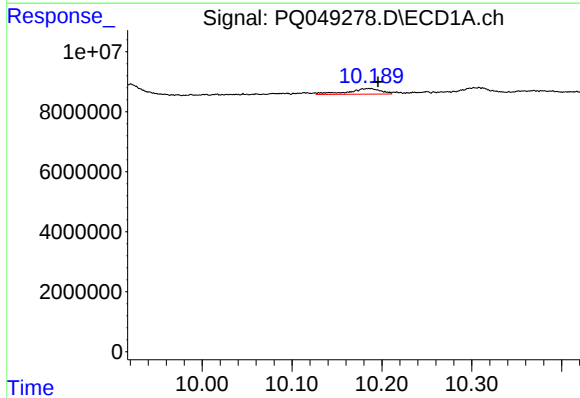
R.T.: 9.921 min
Delta R.T.: -0.032 min
Response: 6767369
Conc: 4.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



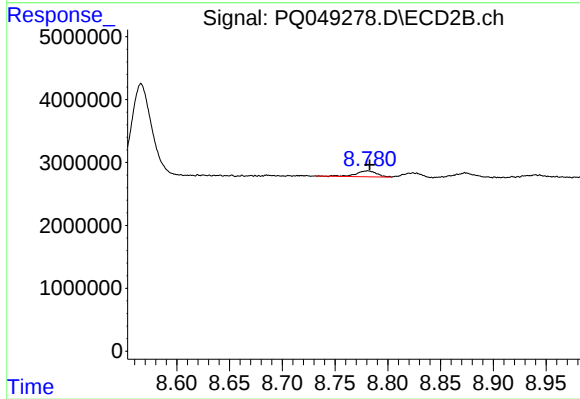
#42 AR-1268-2

R.T.: 8.566 min
Delta R.T.: -0.007 min
Response: 19400183
Conc: 22.54 ng/ml



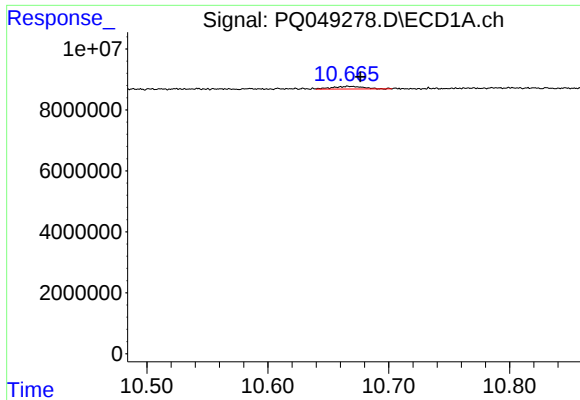
#43 AR-1268-3

R.T.: 10.186 min
Delta R.T.: -0.009 min
Response: 4761523
Conc: 3.45 ng/ml



#43 AR-1268-3

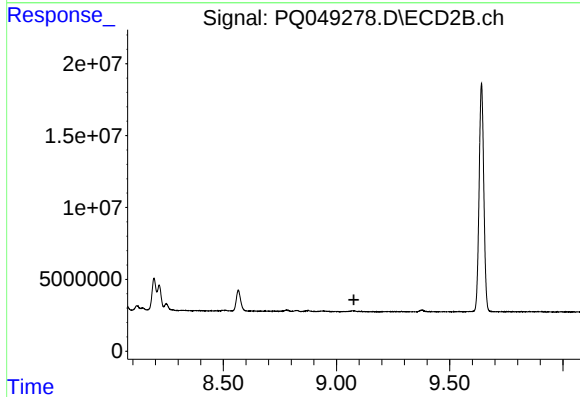
R.T.: 8.781 min
Delta R.T.: -0.002 min
Response: 1294526
Conc: 1.80 ng/ml



#44 AR-1268-4

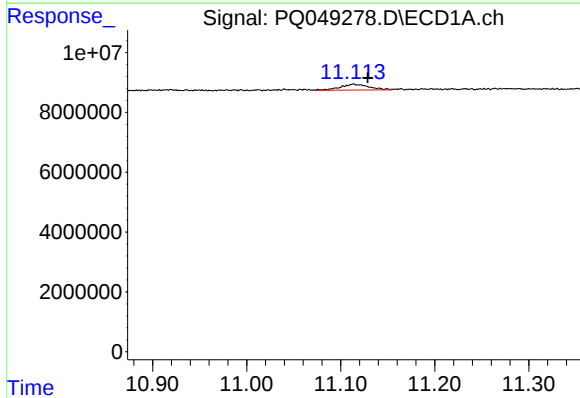
R.T.: 10.666 min
Delta R.T.: -0.010 min
Response: 1584826
Conc: 2.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



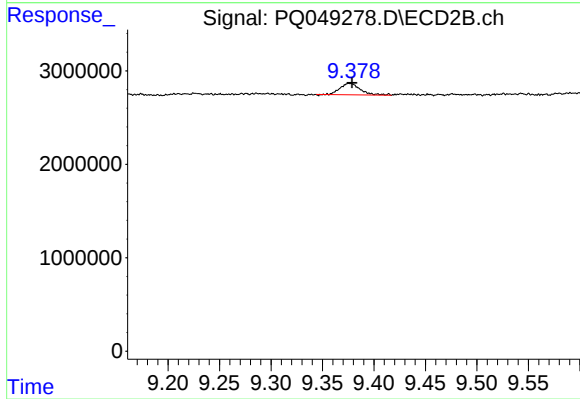
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.077 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.113 min
Delta R.T.: -0.015 min
Response: 4194937
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 9.377 min
Delta R.T.: -0.002 min
Response: 1666322
Conc: 0.73 ng/ml