

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041754.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 11:46
 Operator : SM\AJ
 Sample : AR1660CCC400
 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: Jul 30 00:46:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 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...	5.700	4.759	35589011	30427412	15.518	15.788
2)	SA Decachlor...	12.100	10.515	297.1E6	191.1E6	35.234	39.502
Target Compounds							
3)	L1 AR-1016-1	7.145	6.209	33905831	33173724	313.699	319.687
4)	L1 AR-1016-2	7.169	6.232	49838260	46934475	318.399	327.596
5)	L1 AR-1016-3	7.241	6.446	29769656	24737891	307.767	331.732
6)	L1 AR-1016-4	7.354	6.500	24999784	20682795	320.452	333.538
7)	L1 AR-1016-5	7.687	6.753	19493878	25566162	247.982	314.068 #
8)	L2 AR-1221-1	0.000	5.064	0	2010541	N.D.	97.640 #
9)	L2 AR-1221-2	0.000	5.182	0	3022704	N.D.	189.277 #
10)	L2 AR-1221-3	6.184	5.286	13861128	13179929	225.219	241.692
11)	L3 AR-1232-1	6.184	5.286	13861128	13179929	256.136	272.946
12)	L3 AR-1232-2	6.828	6.232	21052176	46934475	640.727	823.010 #
13)	L3 AR-1232-3	7.169	6.446	49838260	24737891	746.490	829.587
14)	L3 AR-1232-4	7.354	6.549	24999784	24906869	779.377	932.957
15)	L3 AR-1232-5	7.458	6.753	19695982	25566162	916.507	871.787
16)	L4 AR-1242-1	7.145	6.209	33905831	33173724	379.052	405.350
17)	L4 AR-1242-2	7.169	6.232	49838260	46934475	387.571	415.578
18)	L4 AR-1242-3	7.241	6.446	29769656	24737891	367.135	418.770
19)	L4 AR-1242-4	7.354	6.549	24999784	24906869	388.874	420.034
20)	L4 AR-1242-5	0.000	7.161	0	21633751	N.D.	243.639 #
21)	L5 AR-1248-1	7.145	6.209	33905831	33173724	457.346	500.329
22)	L5 AR-1248-2	7.458	6.500	19695982	20682795	213.476	237.221
23)	L5 AR-1248-3	7.687	6.549	19493878	24906869	173.988	279.051 #
24)	L5 AR-1248-4	8.105	6.753	13379735	25566162	85.571	232.121 #
25)	L5 AR-1248-5	0.000	7.208	0	4469389	N.D.	34.870 #
26)	L6 AR-1254-1	8.105	7.161	13379735	21633751	96.178	118.292
27)	L6 AR-1254-2	8.342	7.329	22016751	20572689	96.192	127.093 #
28)	L6 AR-1254-3	8.736	7.793	14499676	43496979	53.029	150.818 #
29)	L6 AR-1254-4	9.039	8.026	11948980	7643479	48.539	35.212 #
30)	L6 AR-1254-5	9.477	8.472	104.9E6	96752454	387.386	321.684
31)	L7 AR-1260-1	8.910	7.918	58036031	61836705	326.255	340.830
32)	L7 AR-1260-2	9.179	8.121	83823244	85462889	332.269	348.351
33)	L7 AR-1260-3	9.555	8.287	76301404	74584273	332.999	350.527
34)	L7 AR-1260-4	9.798	8.785	84547381	72377578	331.114	357.792
35)	L7 AR-1260-5	10.146	9.036	222.0E6	210.5E6	329.531	356.612
36)	L8 AR-1262-1	9.615	8.568	39768653	40902847	258.751	285.107
37)	L8 AR-1262-2	10.146	9.036	222.0E6	210.5E6	253.558	284.017
38)	L8 AR-1262-3	10.500	9.330	152.4E6	52199543	239.933	164.995 #
39)	L8 AR-1262-4	10.560	9.397	102.0E6	158.8E6	203.729	282.359 #
40)	L8 AR-1262-5	11.290	9.921	89184976	67505938	219.069	236.361
41)	L9 AR-1268-1	10.500	9.330	152.4E6	52199543	106.953	45.662 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041754.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 11:46
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

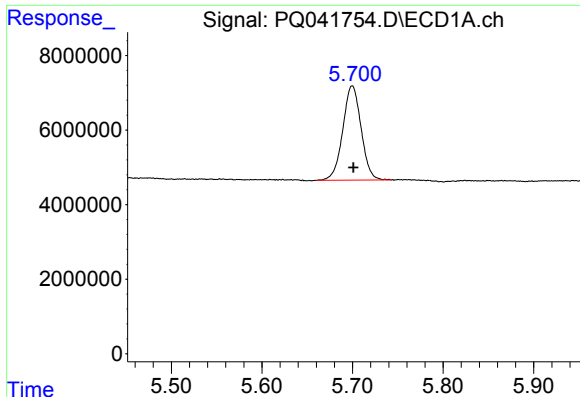
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 00:46:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 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
42) L9	AR-1268-2	10.560	9.397	102.0E6	158.8E6	77.342	154.681 #
43) L9	AR-1268-3	0.000	9.611	0	3658108	N.D.	4.210 #
44) L9	AR-1268-4	11.290	9.921	89184976	67505938	163.817	175.491
45) L9	AR-1268-5	11.736	10.237	24329444	17838559	6.003	6.868

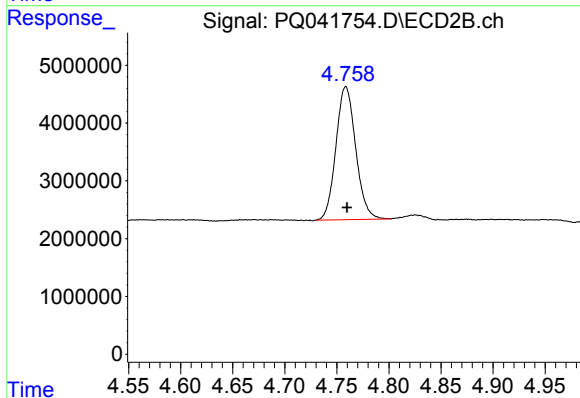
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

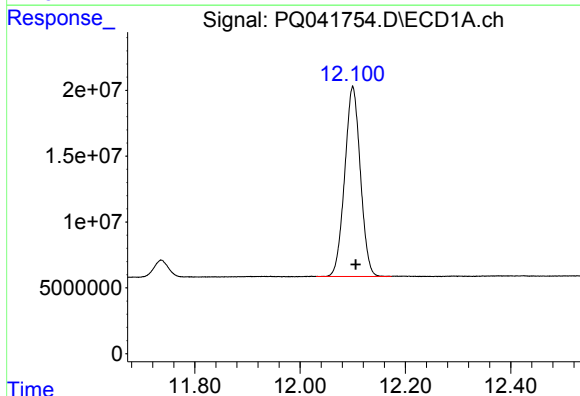
R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 35589011
Conc: 15.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



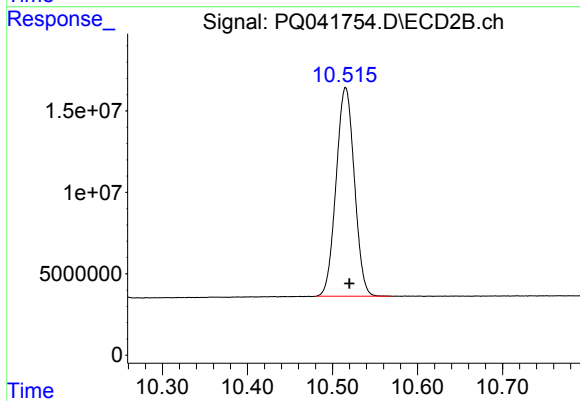
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 30427412
Conc: 15.79 ng/ml



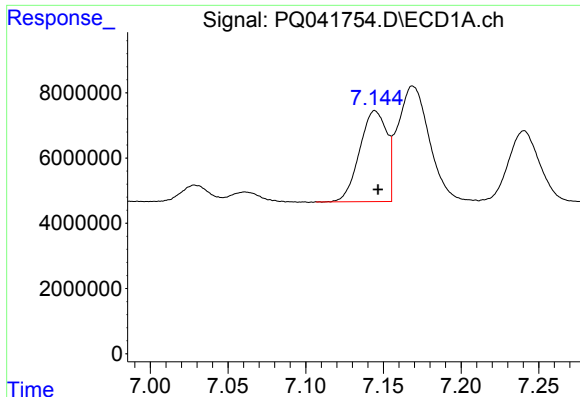
#2 Decachlorobiphenyl

R.T.: 12.100 min
Delta R.T.: -0.005 min
Response: 297069482
Conc: 35.23 ng/ml



#2 Decachlorobiphenyl

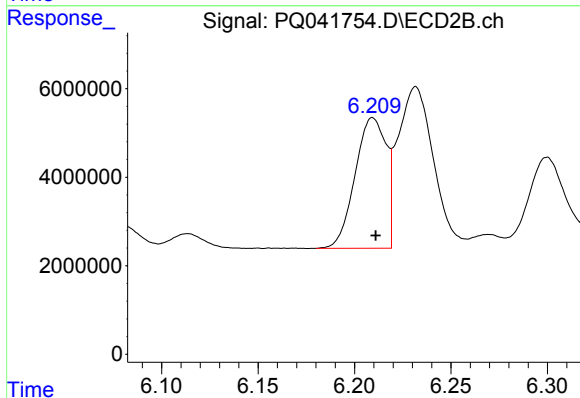
R.T.: 10.515 min
Delta R.T.: -0.004 min
Response: 191083872
Conc: 39.50 ng/ml



#3 AR-1016-1

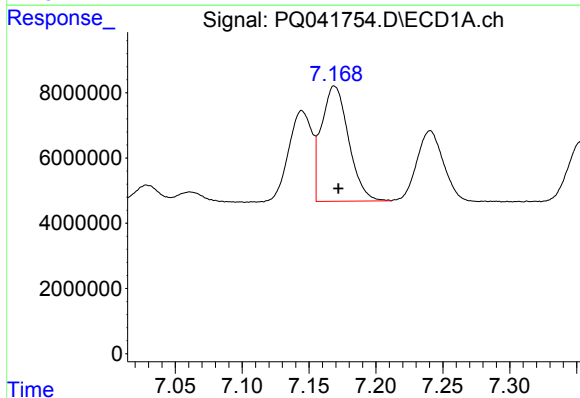
R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 33905831
Conc: 313.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



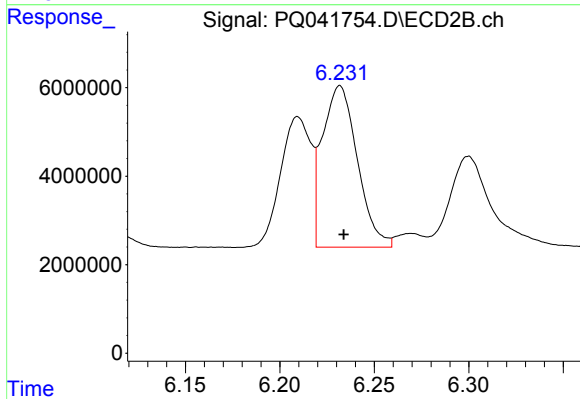
#3 AR-1016-1

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 33173724
Conc: 319.69 ng/ml



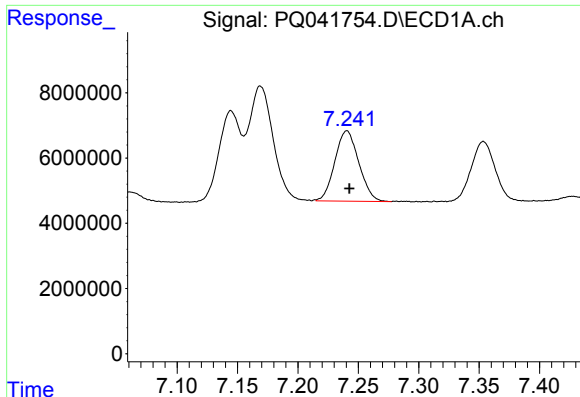
#4 AR-1016-2

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 49838260
Conc: 318.40 ng/ml



#4 AR-1016-2

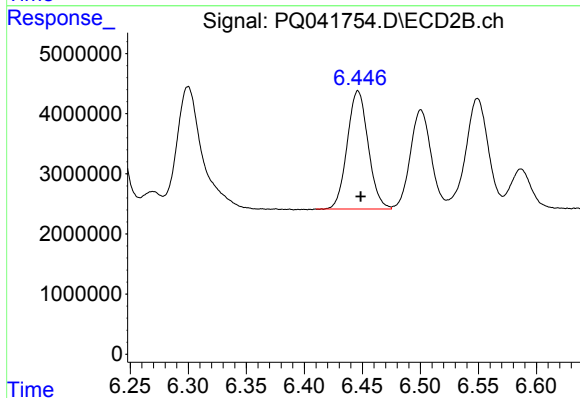
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 46934475
Conc: 327.60 ng/ml



#5 AR-1016-3

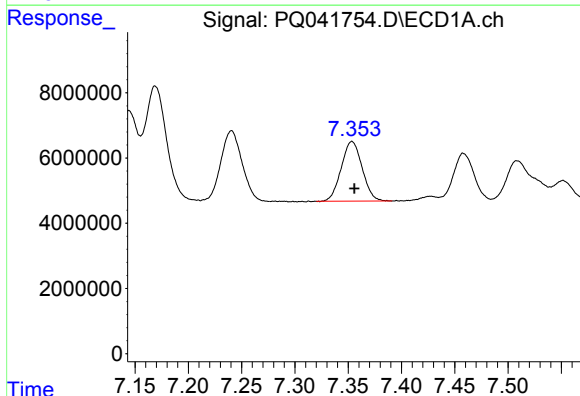
R.T.: 7.241 min
Delta R.T.: -0.002 min
Response: 29769656
Conc: 307.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



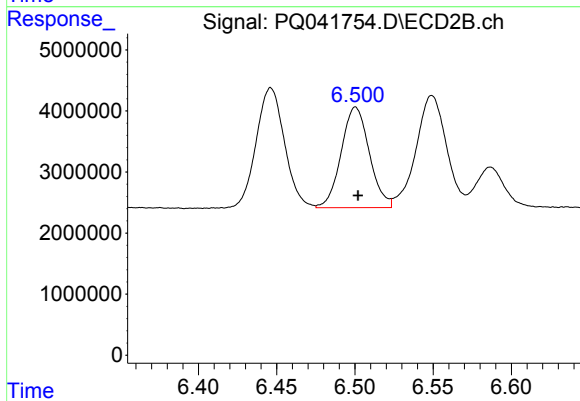
#5 AR-1016-3

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 24737891
Conc: 331.73 ng/ml



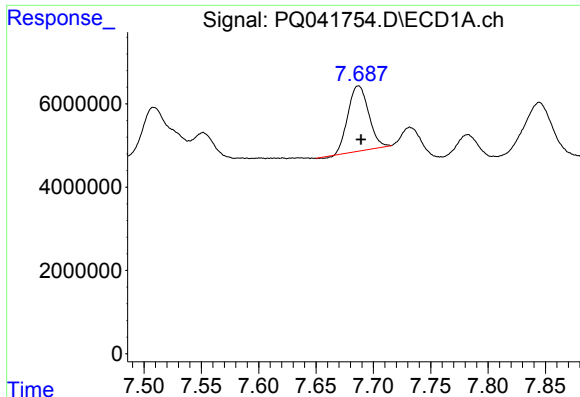
#6 AR-1016-4

R.T.: 7.354 min
Delta R.T.: -0.002 min
Response: 24999784
Conc: 320.45 ng/ml



#6 AR-1016-4

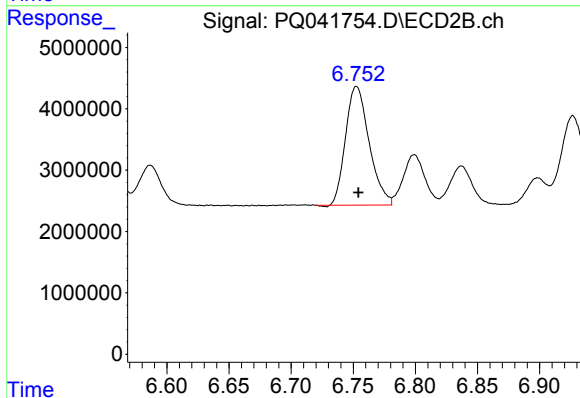
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 20682795
Conc: 333.54 ng/ml



#7 AR-1016-5

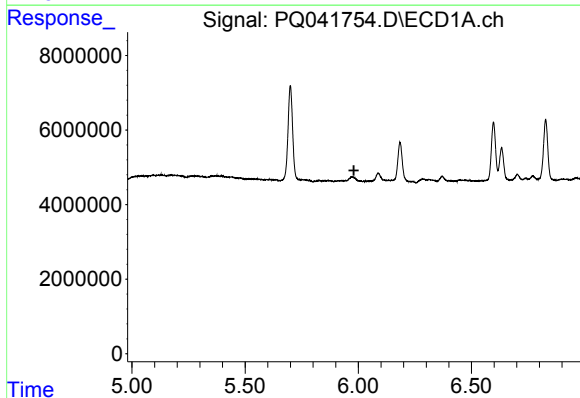
R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 19493878
Conc: 247.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



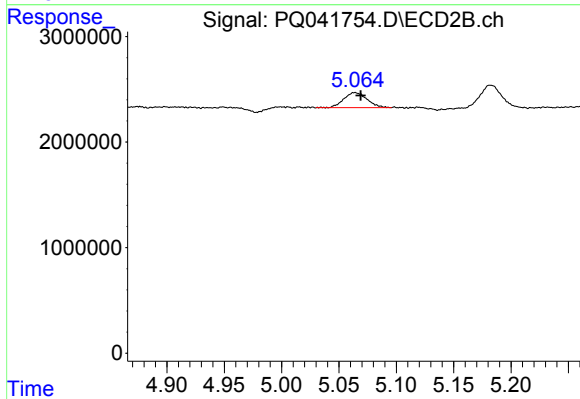
#7 AR-1016-5

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 25566162
Conc: 314.07 ng/ml



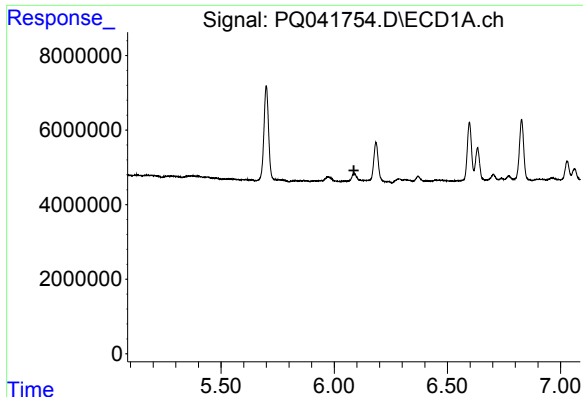
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

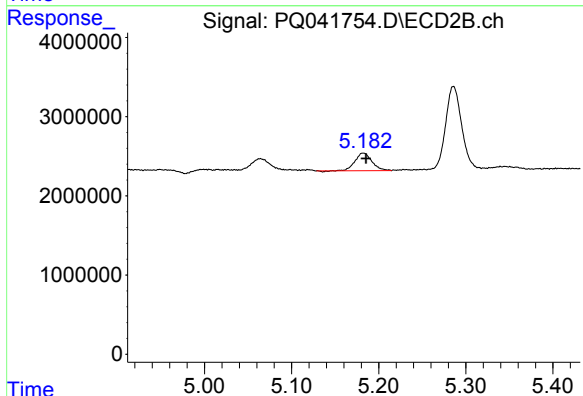
R.T.: 5.064 min
Delta R.T.: -0.005 min
Response: 2010541
Conc: 97.64 ng/ml



#9 AR-1221-2

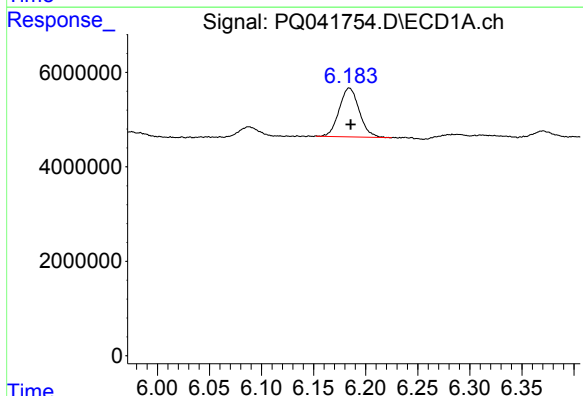
R.T.: 0.000 min
Exp R.T.: 6.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



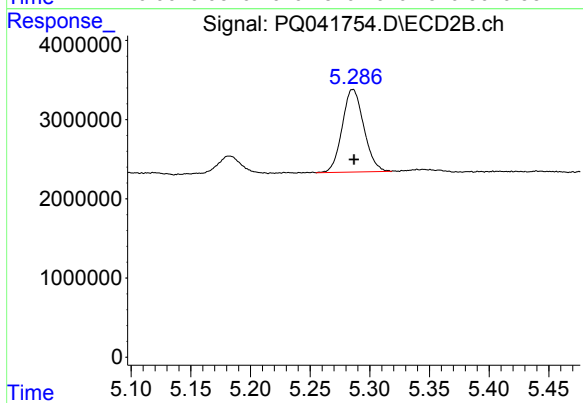
#9 AR-1221-2

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 3022704
Conc: 189.28 ng/ml



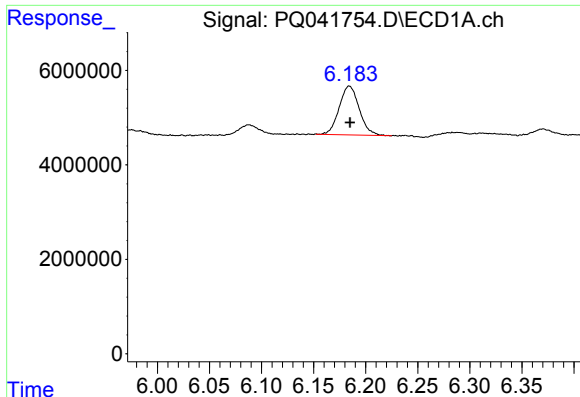
#10 AR-1221-3

R.T.: 6.184 min
Delta R.T.: -0.001 min
Response: 13861128
Conc: 225.22 ng/ml



#10 AR-1221-3

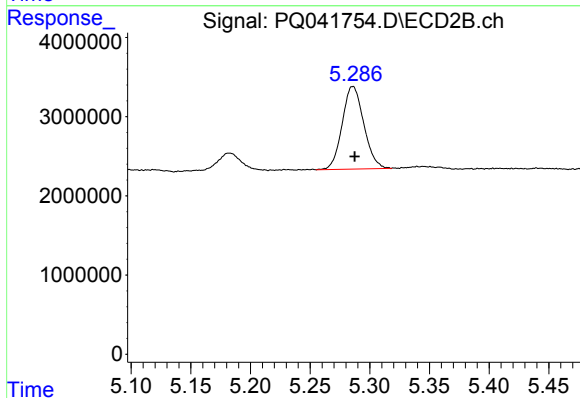
R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 13179929
Conc: 241.69 ng/ml



#11 AR-1232-1

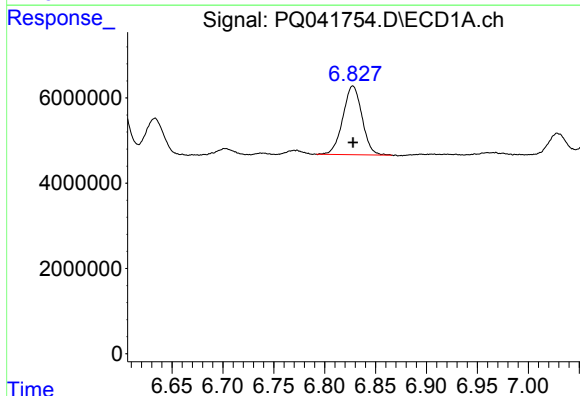
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 13861128
Conc: 256.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



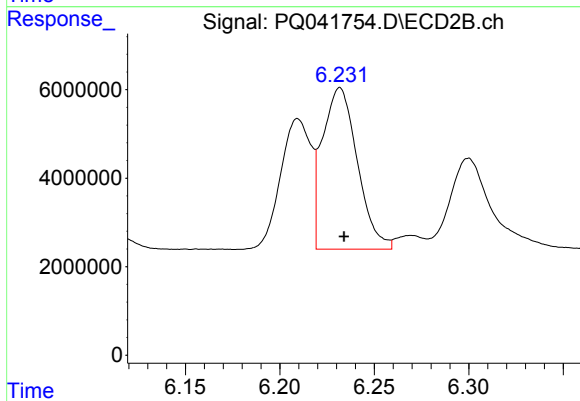
#11 AR-1232-1

R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 13179929
Conc: 272.95 ng/ml



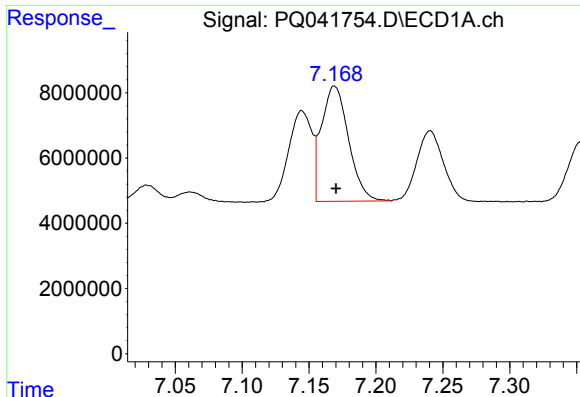
#12 AR-1232-2

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 21052176
Conc: 640.73 ng/ml



#12 AR-1232-2

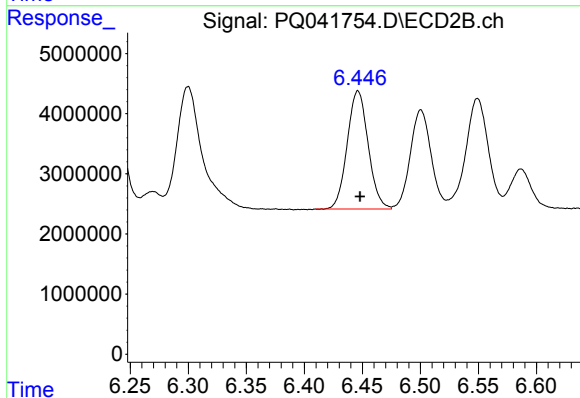
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 46934475
Conc: 823.01 ng/ml



#13 AR-1232-3

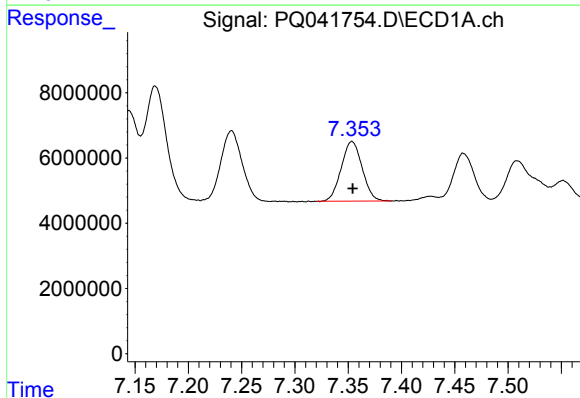
R.T.: 7.169 min
Delta R.T.: -0.001 min
Response: 49838260
Conc: 746.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



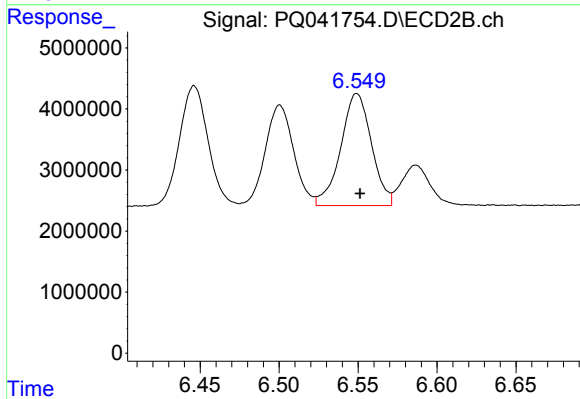
#13 AR-1232-3

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 24737891
Conc: 829.59 ng/ml



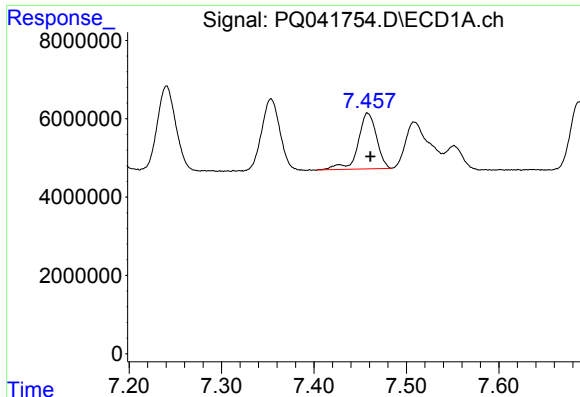
#14 AR-1232-4

R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 24999784
Conc: 779.38 ng/ml



#14 AR-1232-4

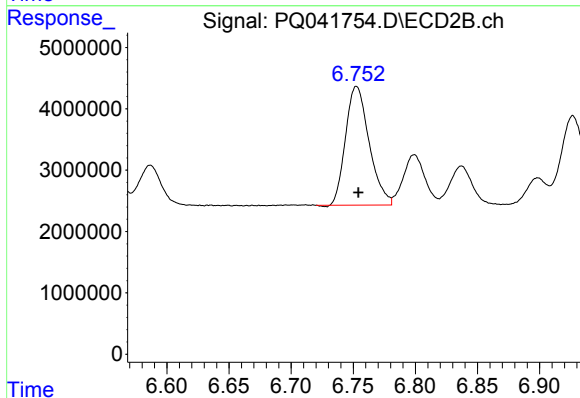
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 24906869
Conc: 932.96 ng/ml



#15 AR-1232-5

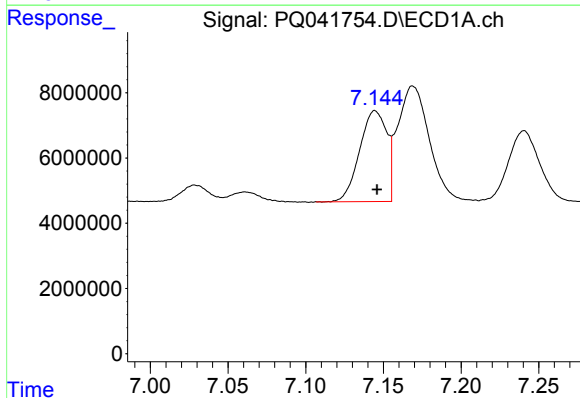
R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 19695982
Conc: 916.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



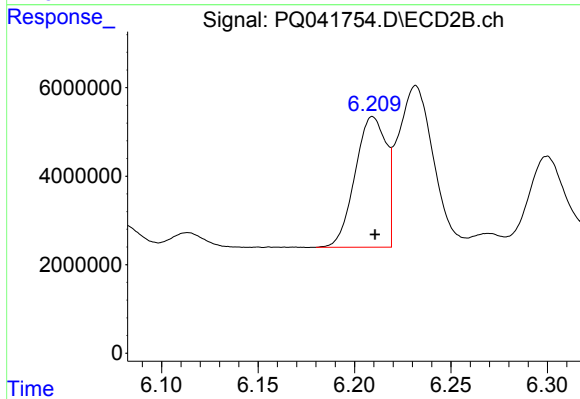
#15 AR-1232-5

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 25566162
Conc: 871.79 ng/ml



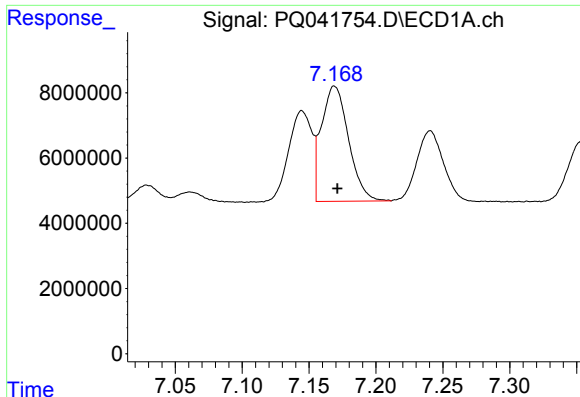
#16 AR-1242-1

R.T.: 7.145 min
Delta R.T.: -0.001 min
Response: 33905831
Conc: 379.05 ng/ml



#16 AR-1242-1

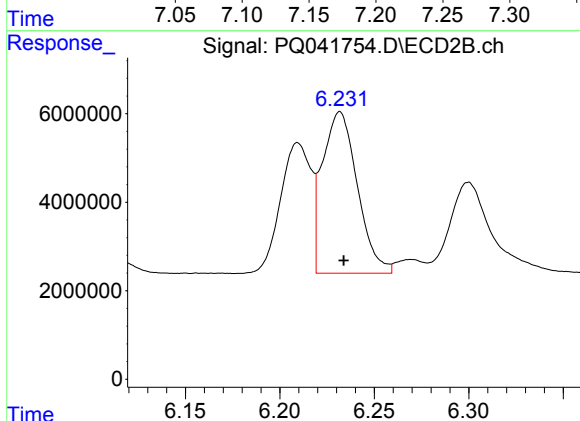
R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 33173724
Conc: 405.35 ng/ml



#17 AR-1242-2

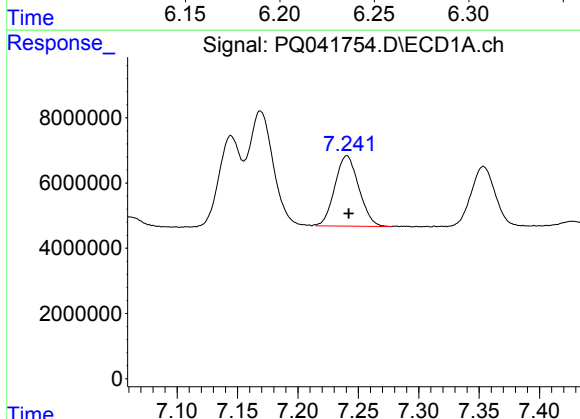
R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 49838260
Conc: 387.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



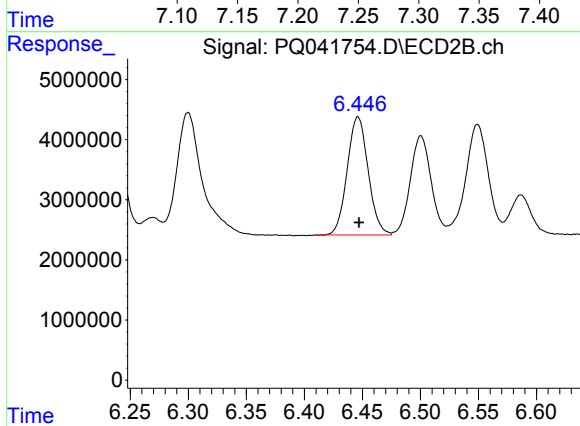
#17 AR-1242-2

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 46934475
Conc: 415.58 ng/ml



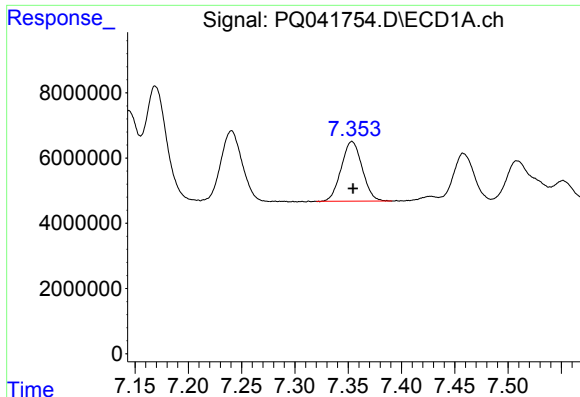
#18 AR-1242-3

R.T.: 7.241 min
Delta R.T.: -0.001 min
Response: 29769656
Conc: 367.14 ng/ml



#18 AR-1242-3

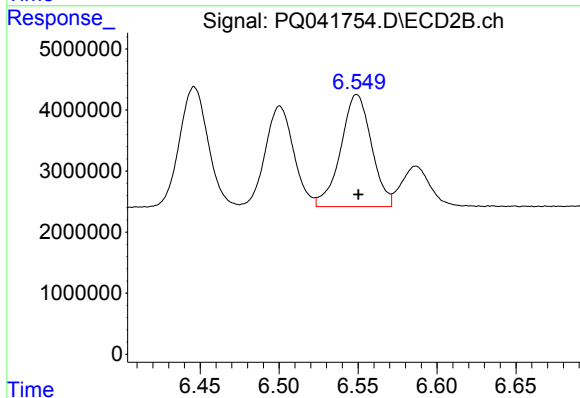
R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 24737891
Conc: 418.77 ng/ml



#19 AR-1242-4

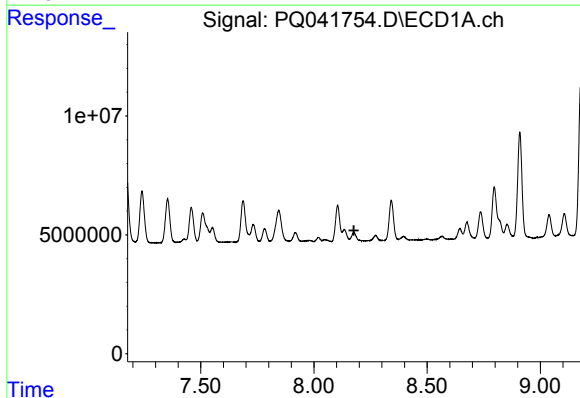
R.T.: 7.354 min
Delta R.T.: -0.001 min
Response: 24999784
Conc: 388.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



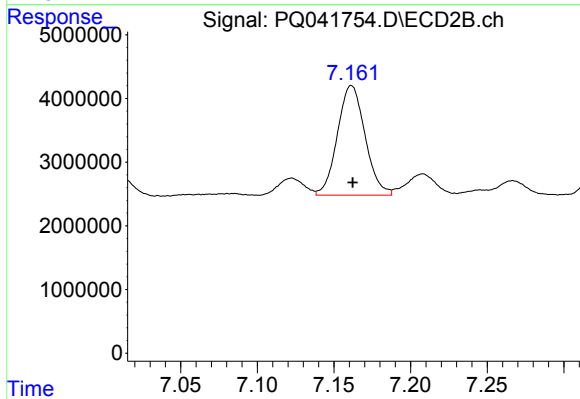
#19 AR-1242-4

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 24906869
Conc: 420.03 ng/ml



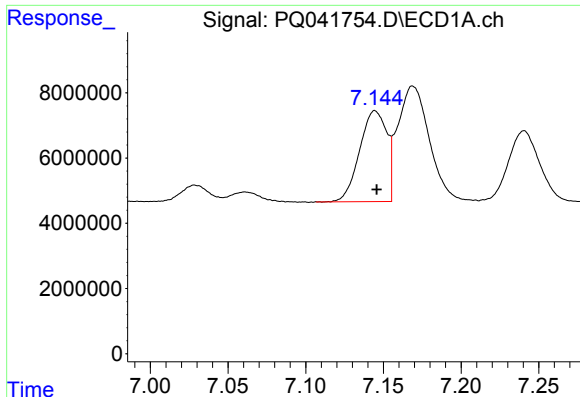
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.177 min
Response: 0
Conc: N.D.



#20 AR-1242-5

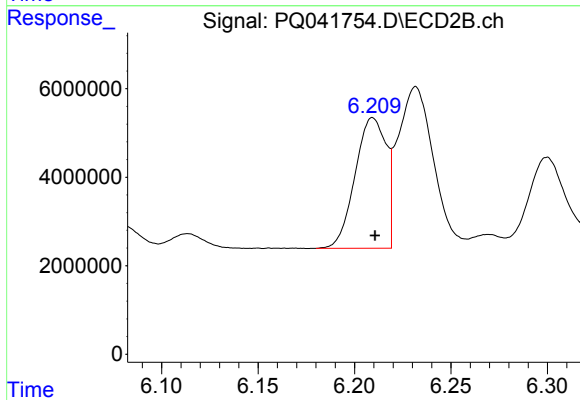
R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 21633751
Conc: 243.64 ng/ml



#21 AR-1248-1

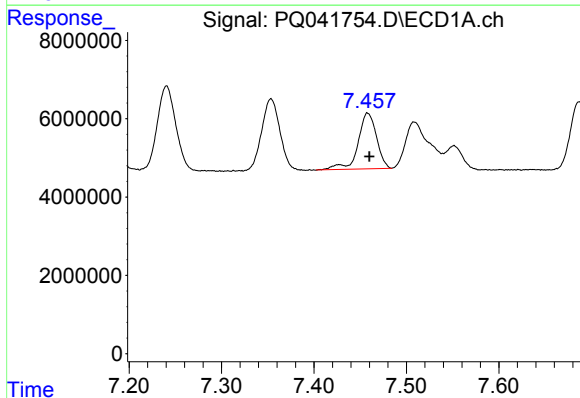
R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 33905831
Conc: 457.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



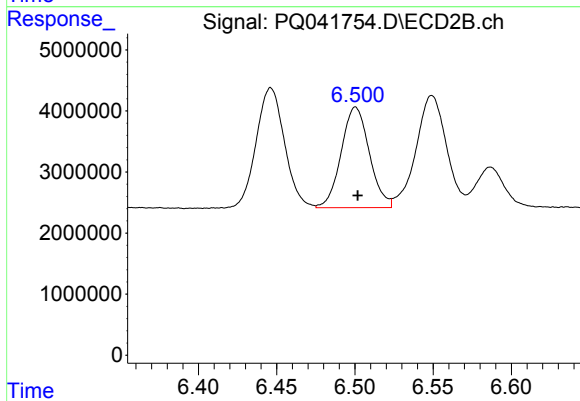
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 33173724
Conc: 500.33 ng/ml



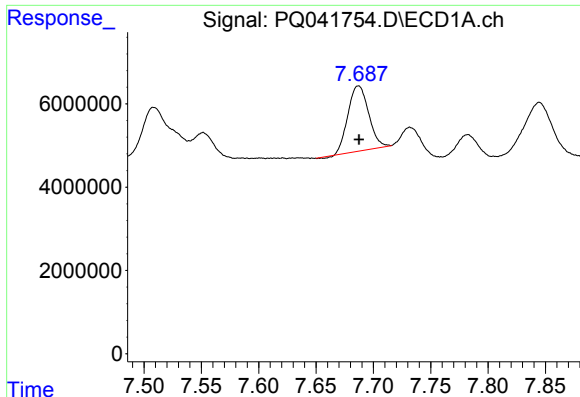
#22 AR-1248-2

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 19695982
Conc: 213.48 ng/ml



#22 AR-1248-2

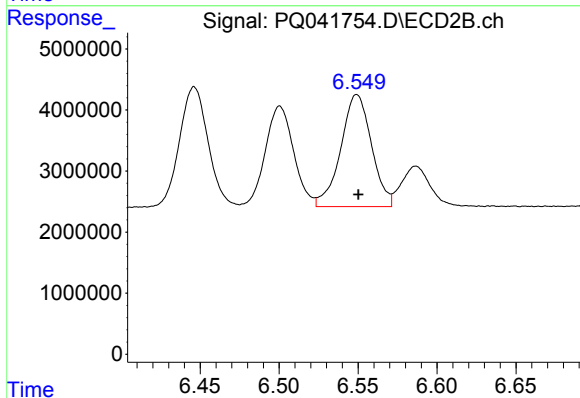
R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 20682795
Conc: 237.22 ng/ml



#23 AR-1248-3

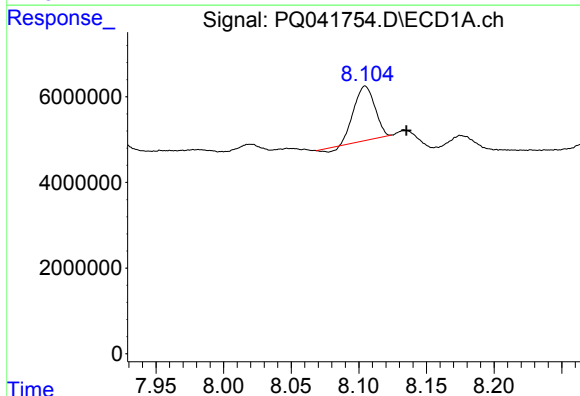
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 19493878
Conc: 173.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



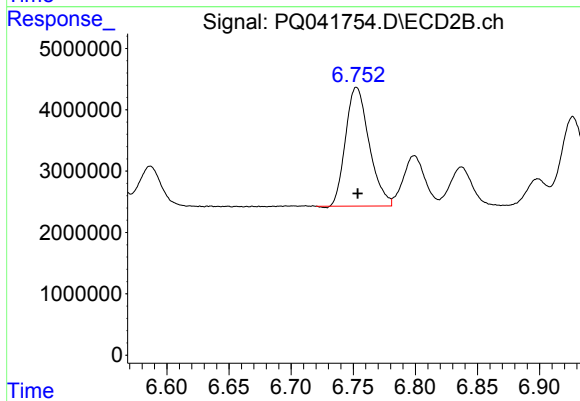
#23 AR-1248-3

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 24906869
Conc: 279.05 ng/ml



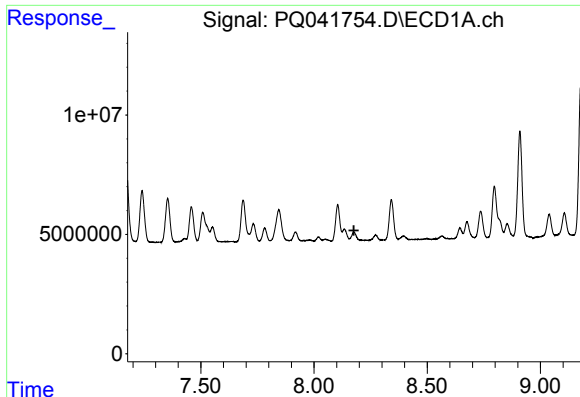
#24 AR-1248-4

R.T.: 8.105 min
Delta R.T.: -0.030 min
Response: 13379735
Conc: 85.57 ng/ml



#24 AR-1248-4

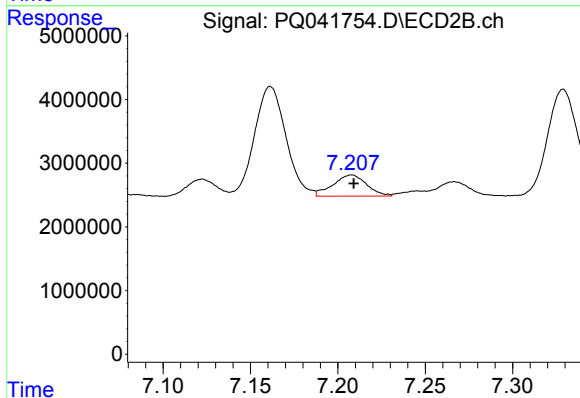
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 25566162
Conc: 232.12 ng/ml



#25 AR-1248-5

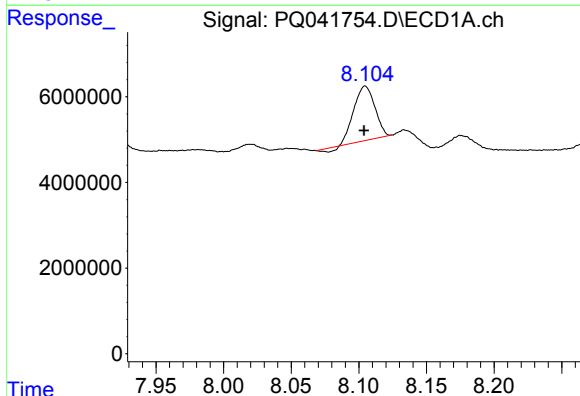
R.T.: 0.000 min
Exp R.T.: 8.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



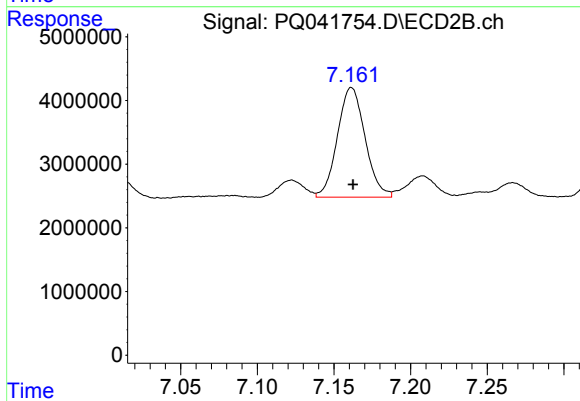
#25 AR-1248-5

R.T.: 7.208 min
Delta R.T.: -0.001 min
Response: 4469389
Conc: 34.87 ng/ml



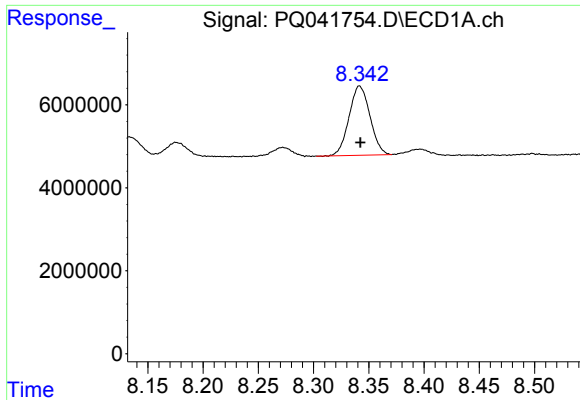
#26 AR-1254-1

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 13379735
Conc: 96.18 ng/ml



#26 AR-1254-1

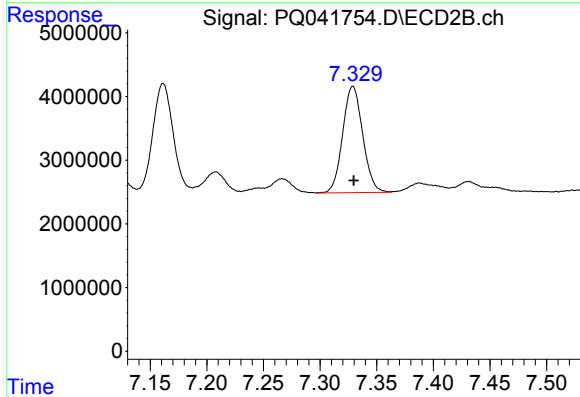
R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 21633751
Conc: 118.29 ng/ml



#27 AR-1254-2

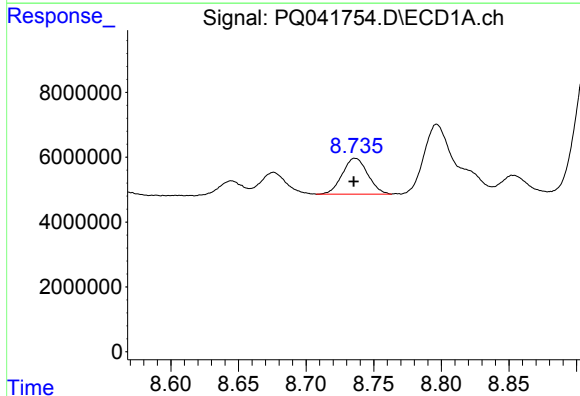
R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 22016751
Conc: 96.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



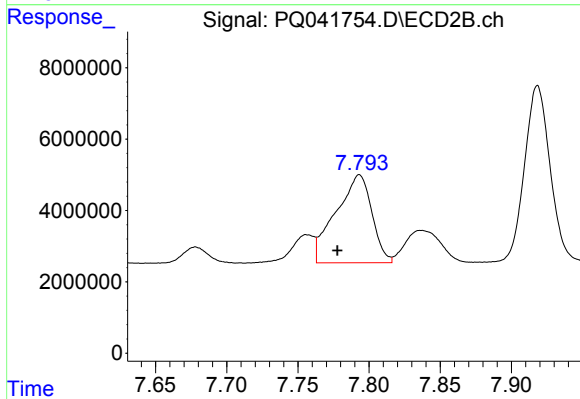
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 20572689
Conc: 127.09 ng/ml



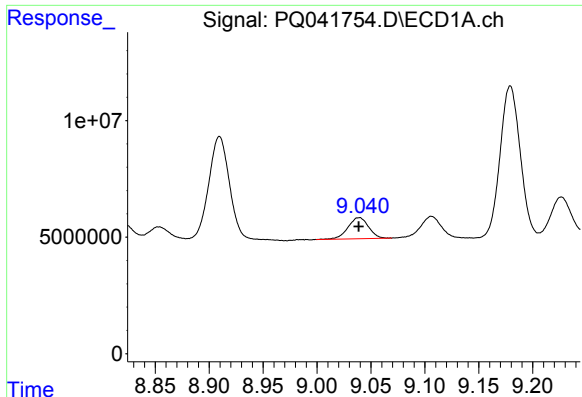
#28 AR-1254-3

R.T.: 8.736 min
Delta R.T.: 0.000 min
Response: 14499676
Conc: 53.03 ng/ml



#28 AR-1254-3

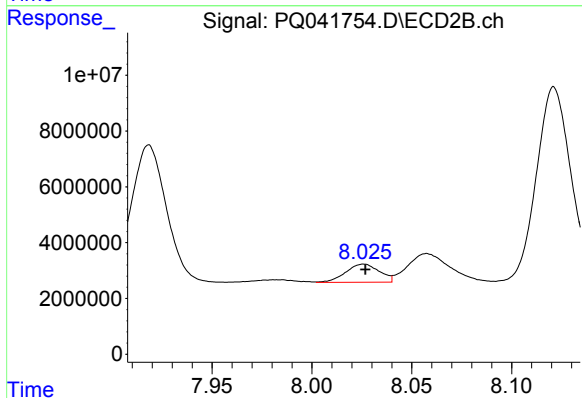
R.T.: 7.793 min
Delta R.T.: 0.015 min
Response: 43496979
Conc: 150.82 ng/ml



#29 AR-1254-4

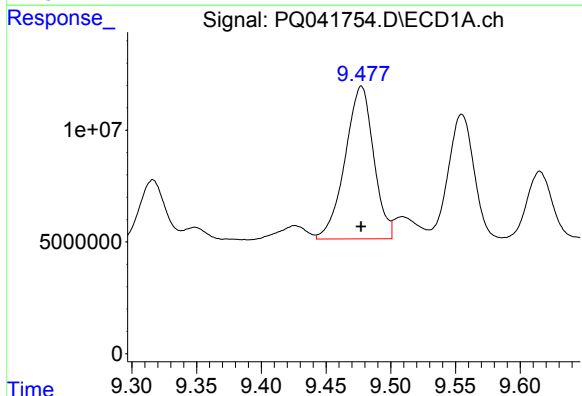
R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 11948980
Conc: 48.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



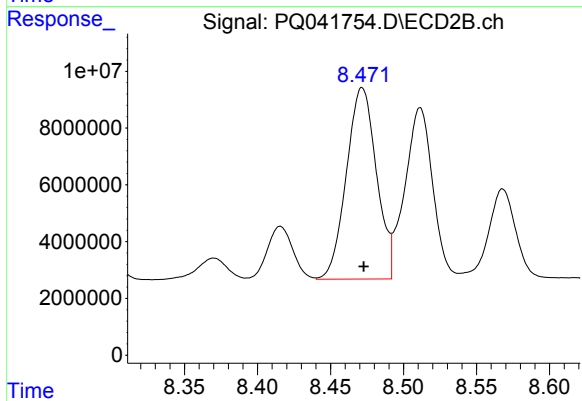
#29 AR-1254-4

R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 7643479
Conc: 35.21 ng/ml



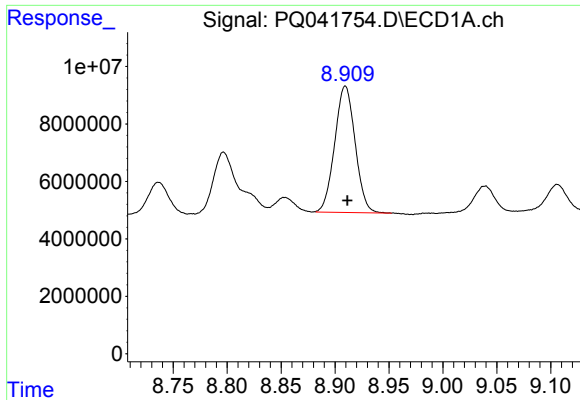
#30 AR-1254-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 104921637
Conc: 387.39 ng/ml



#30 AR-1254-5

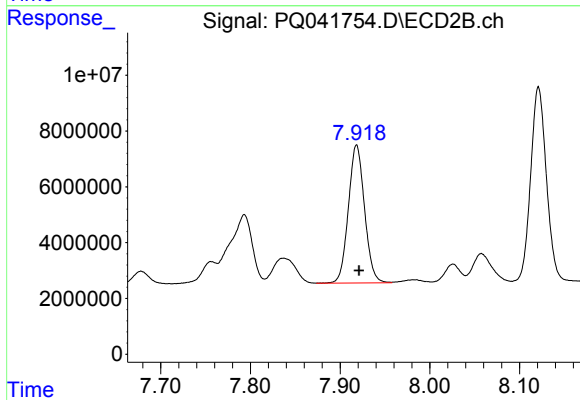
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 96752454
Conc: 321.68 ng/ml



#31 AR-1260-1

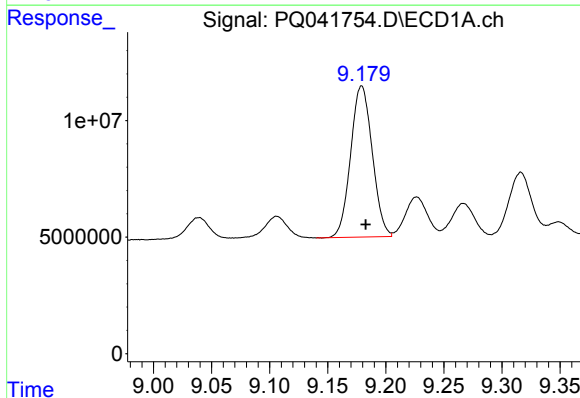
R.T.: 8.910 min
Delta R.T.: -0.002 min
Response: 58036031
Conc: 326.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



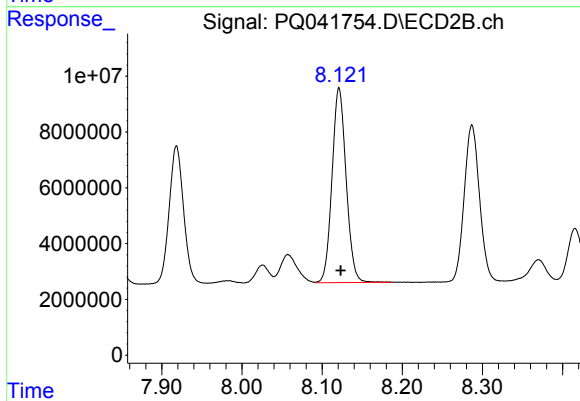
#31 AR-1260-1

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 61836705
Conc: 340.83 ng/ml



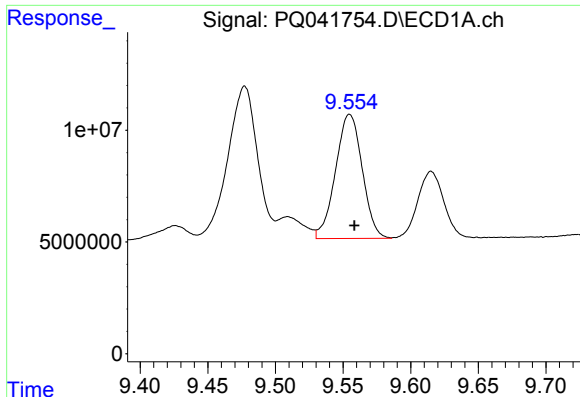
#32 AR-1260-2

R.T.: 9.179 min
Delta R.T.: -0.004 min
Response: 83823244
Conc: 332.27 ng/ml



#32 AR-1260-2

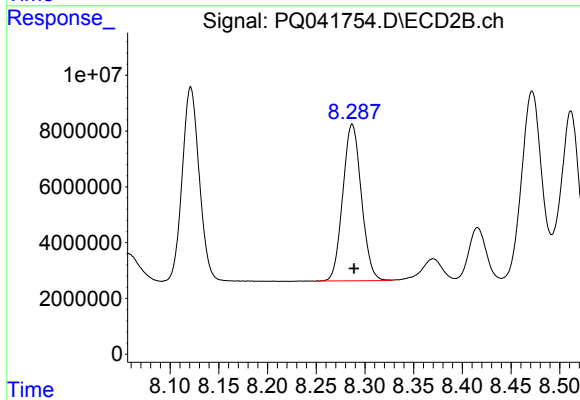
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 85462889
Conc: 348.35 ng/ml



#33 AR-1260-3

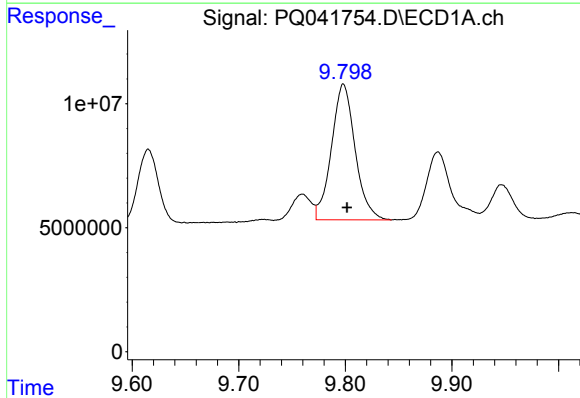
R.T.: 9.555 min
Delta R.T.: -0.004 min
Response: 76301404
Conc: 333.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



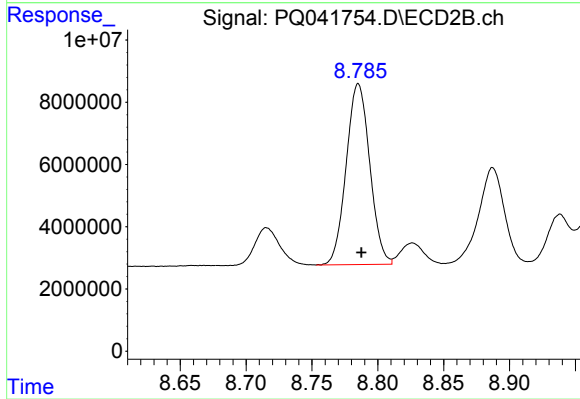
#33 AR-1260-3

R.T.: 8.287 min
Delta R.T.: -0.002 min
Response: 74584273
Conc: 350.53 ng/ml



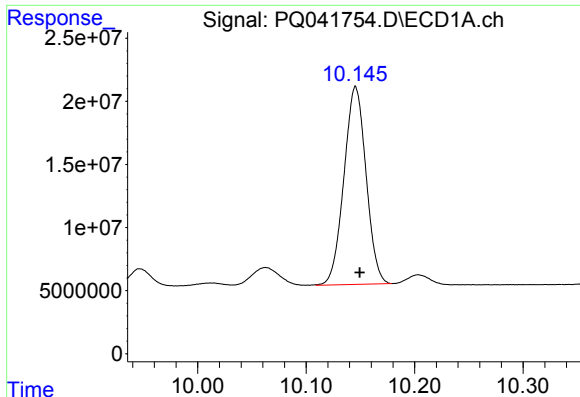
#34 AR-1260-4

R.T.: 9.798 min
Delta R.T.: -0.003 min
Response: 84547381
Conc: 331.11 ng/ml



#34 AR-1260-4

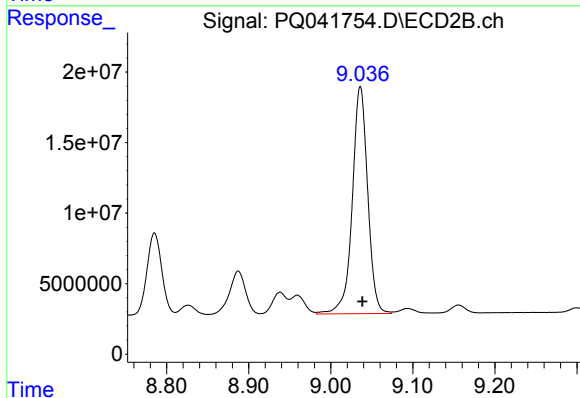
R.T.: 8.785 min
Delta R.T.: -0.003 min
Response: 72377578
Conc: 357.79 ng/ml



#35 AR-1260-5

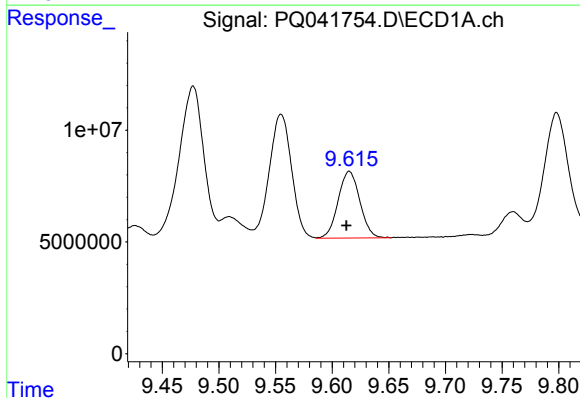
R.T.: 10.146 min
Delta R.T.: -0.004 min
Response: 221969433
Conc: 329.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



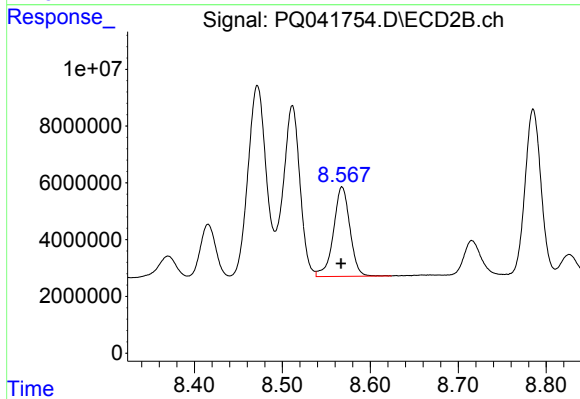
#35 AR-1260-5

R.T.: 9.036 min
Delta R.T.: -0.003 min
Response: 210472232
Conc: 356.61 ng/ml



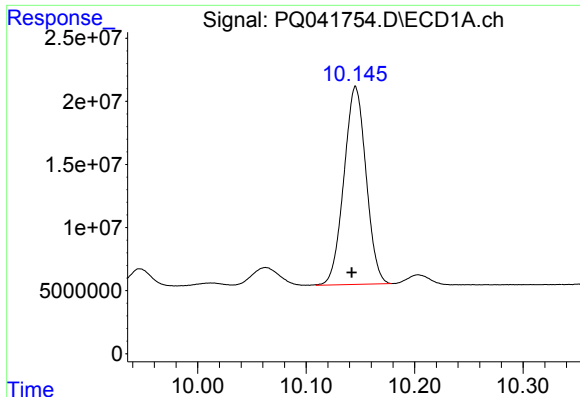
#36 AR-1262-1

R.T.: 9.615 min
Delta R.T.: 0.003 min
Response: 39768653
Conc: 258.75 ng/ml



#36 AR-1262-1

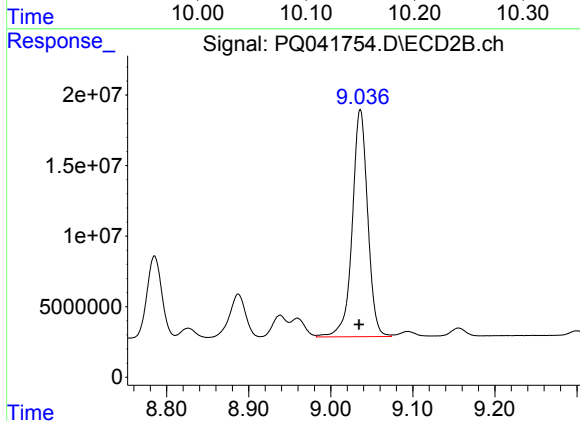
R.T.: 8.568 min
Delta R.T.: 0.001 min
Response: 40902847
Conc: 285.11 ng/ml



#37 AR-1262-2

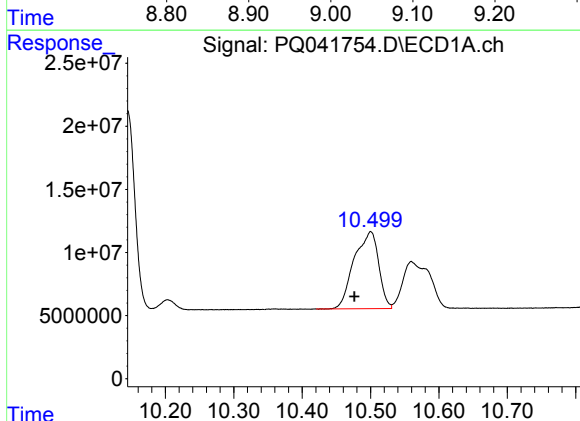
R.T.: 10.146 min
Delta R.T.: 0.004 min
Response: 221969433
Conc: 253.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



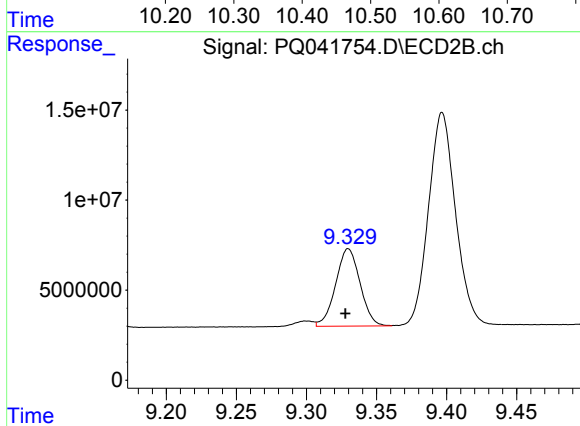
#37 AR-1262-2

R.T.: 9.036 min
Delta R.T.: 0.002 min
Response: 210472232
Conc: 284.02 ng/ml



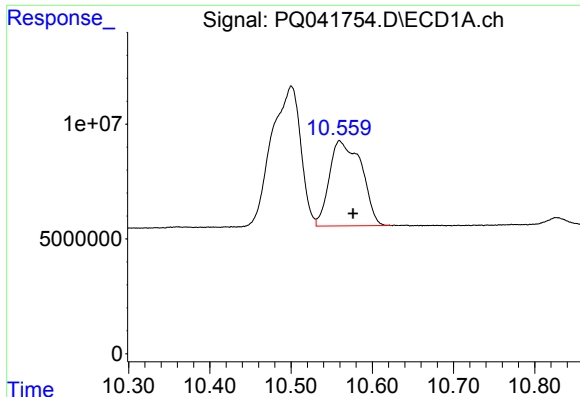
#38 AR-1262-3

R.T.: 10.500 min
Delta R.T.: 0.024 min
Response: 152360030
Conc: 239.93 ng/ml



#38 AR-1262-3

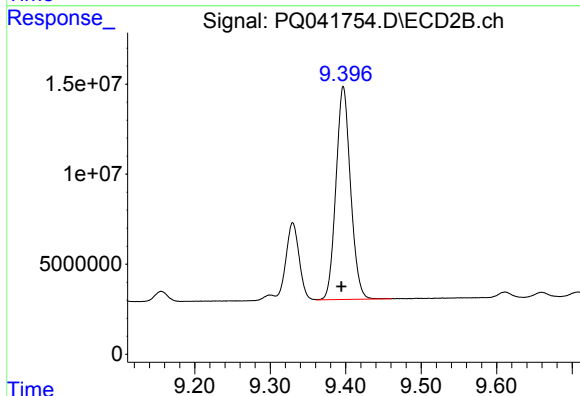
R.T.: 9.330 min
Delta R.T.: 0.002 min
Response: 52199543
Conc: 164.99 ng/ml



#39 AR-1262-4

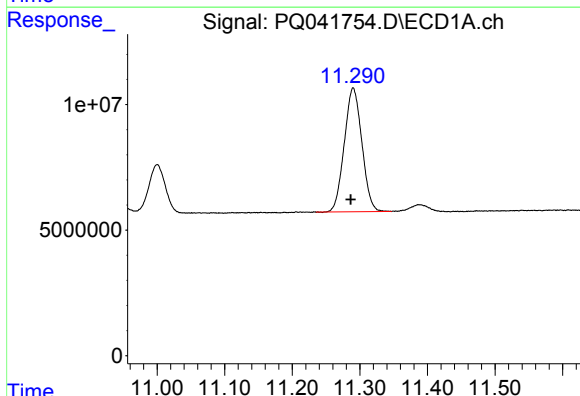
R.T.: 10.560 min
Delta R.T.: -0.017 min
Response: 102008543
Conc: 203.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



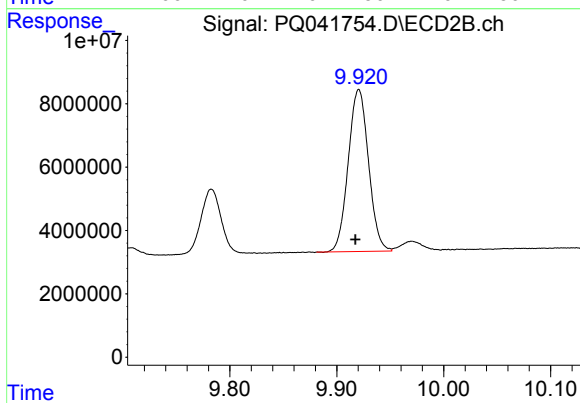
#39 AR-1262-4

R.T.: 9.397 min
Delta R.T.: 0.002 min
Response: 158789480
Conc: 282.36 ng/ml



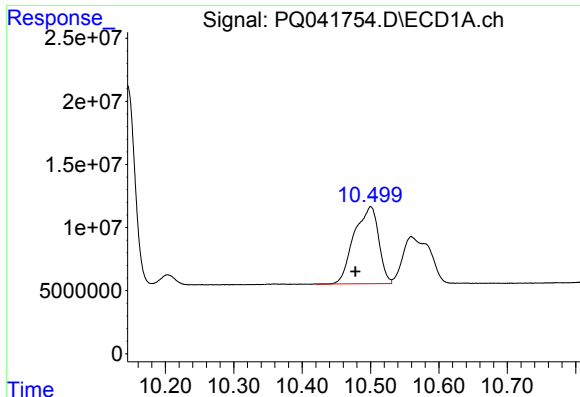
#40 AR-1262-5

R.T.: 11.290 min
Delta R.T.: 0.004 min
Response: 89184976
Conc: 219.07 ng/ml



#40 AR-1262-5

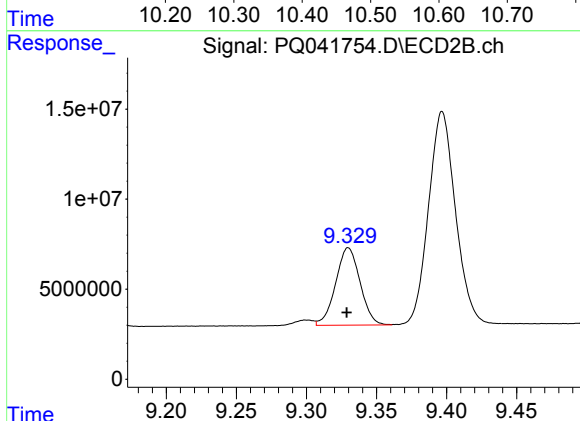
R.T.: 9.921 min
Delta R.T.: 0.003 min
Response: 67505938
Conc: 236.36 ng/ml



#41 AR-1268-1

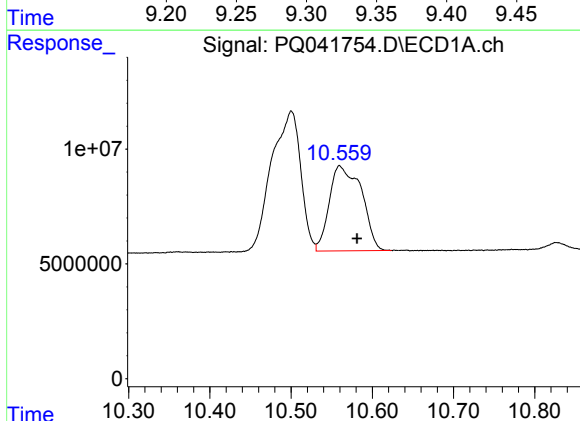
R.T.: 10.500 min
Delta R.T.: 0.023 min
Response: 152360030
Conc: 106.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



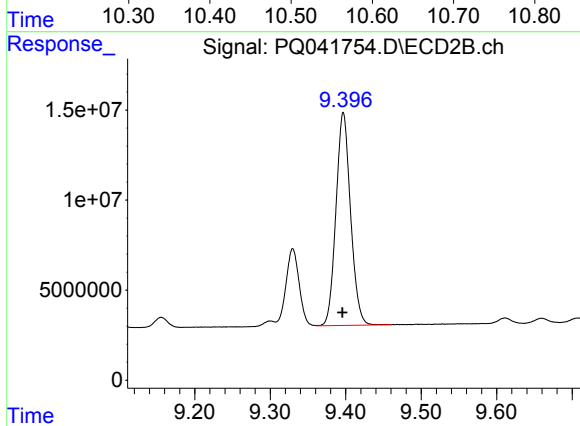
#41 AR-1268-1

R.T.: 9.330 min
Delta R.T.: 0.001 min
Response: 52199543
Conc: 45.66 ng/ml



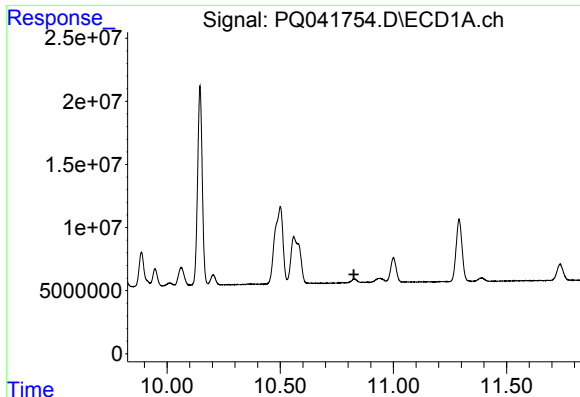
#42 AR-1268-2

R.T.: 10.560 min
Delta R.T.: -0.021 min
Response: 102008543
Conc: 77.34 ng/ml



#42 AR-1268-2

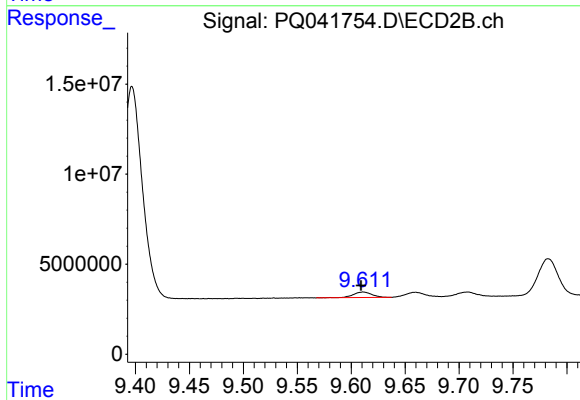
R.T.: 9.397 min
Delta R.T.: 0.001 min
Response: 158789480
Conc: 154.68 ng/ml



#43 AR-1268-3

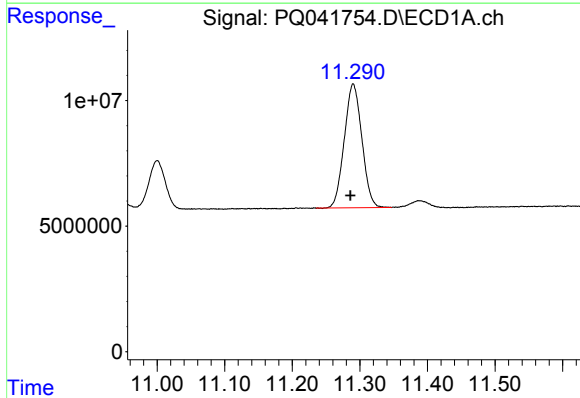
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



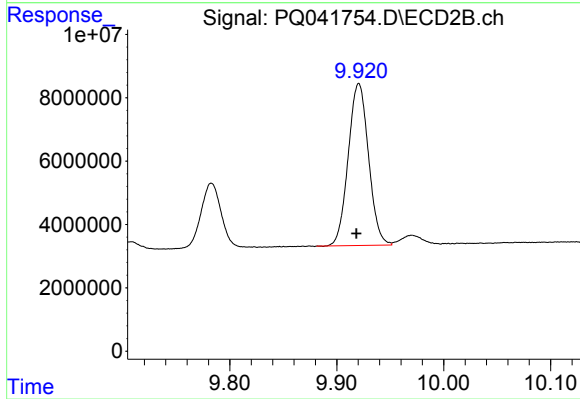
#43 AR-1268-3

R.T.: 9.611 min
Delta R.T.: 0.002 min
Response: 3658108
Conc: 4.21 ng/ml



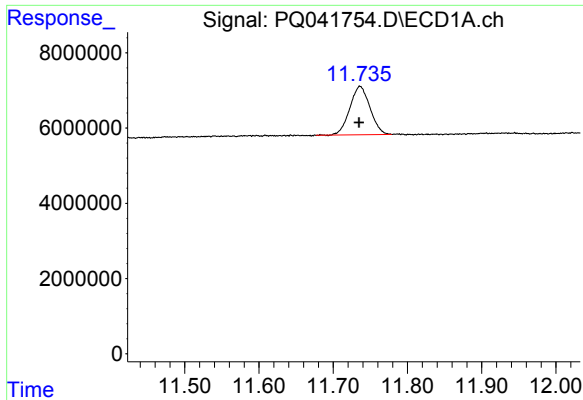
#44 AR-1268-4

R.T.: 11.290 min
Delta R.T.: 0.004 min
Response: 89184976
Conc: 163.82 ng/ml



#44 AR-1268-4

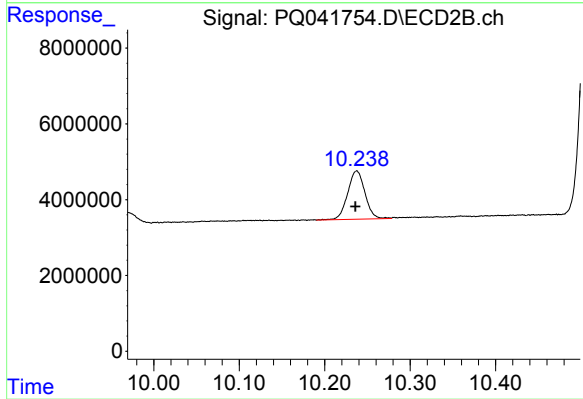
R.T.: 9.921 min
Delta R.T.: 0.002 min
Response: 67505938
Conc: 175.49 ng/ml



#45 AR-1268-5

R.T.: 11.736 min
Delta R.T.: 0.001 min
Response: 24329444
Conc: 6.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.237 min
Delta R.T.: 0.002 min
Response: 17838559
Conc: 6.87 ng/ml