

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041813.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 13:47
 Operator : SM\AJ
 Sample : K3020-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:03:48 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...	5.697	4.755	48181657	42909111	21.009	22.265
2)	SA Decachlor...	12.100	10.515	324.5E6	209.2E6	38.488	43.256
Target Compounds							
3)	L1 AR-1016-1	7.142	6.209	79361650	77703470	734.258	748.810
4)	L1 AR-1016-2	7.169	6.231	92224652	75803886	589.191	529.101
5)	L1 AR-1016-3	7.239	6.446	45501923	49862506	470.411	668.649 #
6)	L1 AR-1016-4	7.350	6.499	51268633	107.1E6	657.170	1727.175 #
7)	L1 AR-1016-5	7.686	6.751	132.1E6	141.1E6	1680.429	1733.879
10)	L2 AR-1221-3	0.000	5.283	0	4575040	N.D.	83.896 #
11)	L3 AR-1232-1	0.000	5.283	0	4575040	N.D.	94.745 #
12)	L3 AR-1232-2	6.827	6.231	27475682	75803886	836.227	1329.244 #
13)	L3 AR-1232-3	7.169	6.446	92224652	49862506	1381.365	1672.143
14)	L3 AR-1232-4	7.350	6.548	51268633	114.3E6	1598.318	4281.660 #
15)	L3 AR-1232-5	7.457	6.751	112.2E6	141.1E6	5220.358	4812.895
16)	L4 AR-1242-1	7.142	6.209	79361650	77703470	887.227	949.459
17)	L4 AR-1242-2	7.169	6.231	92224652	75803886	717.192	671.200
18)	L4 AR-1242-3	7.239	6.446	45501923	49862506	561.154	844.087 #
19)	L4 AR-1242-4	7.350	6.548	51268633	114.3E6	797.488	1927.679 #
20)	L4 AR-1242-5	8.175	7.161	177.0E6	231.4E6	1994.931	2605.635 #
21)	L5 AR-1248-1	7.142	6.209	79361650	77703470	1070.486	1171.929
22)	L5 AR-1248-2	7.457	6.499	112.2E6	107.1E6	1215.944	1228.415
23)	L5 AR-1248-3	7.686	6.548	132.1E6	114.3E6	1179.019	1280.659
24)	L5 AR-1248-4	8.133	6.751	181.7E6	141.1E6	1162.136	1281.476
25)	L5 AR-1248-5	8.175	7.207	177.0E6	168.8E6	1169.694	1317.141
26)	L6 AR-1254-1	8.102	7.161	133.3E6	231.4E6	957.931	1265.089 #
27)	L6 AR-1254-2	8.345	7.329	180.2E6	64806807	787.500	400.360 #
28)	L6 AR-1254-3	8.734	7.776	101.0E6	110.1E6	369.507	381.666
29)	L6 AR-1254-4	9.038	8.026	85534026	90170161	347.452	415.392
30)	L6 AR-1254-5	9.477	8.472	16021938	26415524	59.155	87.827 #
31)	L7 AR-1260-1	8.868	7.934	39128385	40128908	219.964	221.182
32)	L7 AR-1260-2	0.000	8.120	0	9803861	N.D.	39.961 #
33)	L7 AR-1260-3	0.000	8.285	0	12678474	N.D.	59.586 #
34)	L7 AR-1260-4	0.000	8.785	0	1555679	N.D.	7.690 #
35)	L7 AR-1260-5	0.000	9.036	0	4379599	N.D.	7.421 #
36)	L8 AR-1262-1	0.000	8.545	0	3188494	N.D.	22.225 #
37)	L8 AR-1262-2	0.000	9.036	0	4379599	N.D.	5.910 #
38)	L8 AR-1262-3	0.000	9.326	0	7159149	N.D.	22.629 #
39)	L8 AR-1262-4	0.000	9.396	0	7045109	N.D.	12.528 #
41)	L9 AR-1268-1	0.000	9.326	0	7159149	N.D.	6.262 #
42)	L9 AR-1268-2	0.000	9.396	0	7045109	N.D.	6.863 #
43)	L9 AR-1268-3	0.000	9.609	0	1907403	N.D.	2.195 #
45)	L9 AR-1268-5	0.000	10.238	0	1740372	N.D.	0.670 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041813.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2019 13:47
Operator : SM\AJ
Sample : K3020-23
Misc :
ALS Vial : 19 Sample Multiplier: 1

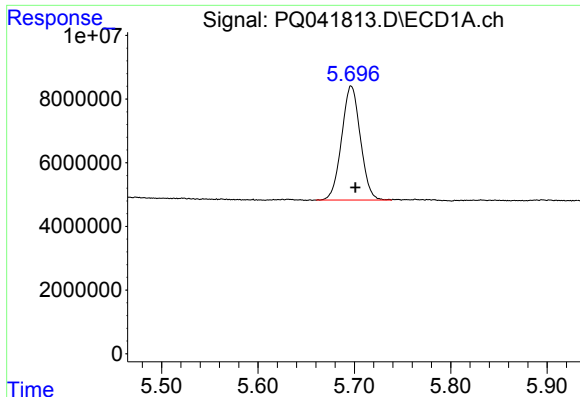
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:03:48 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

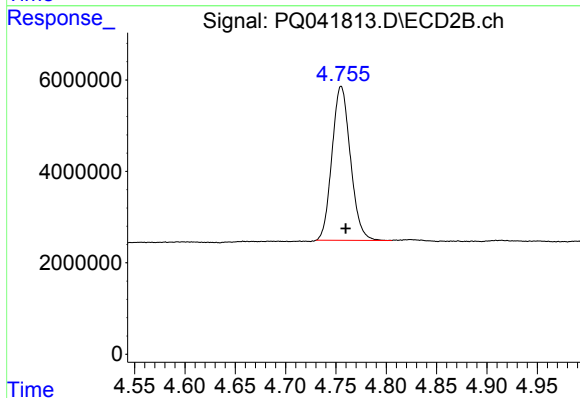
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

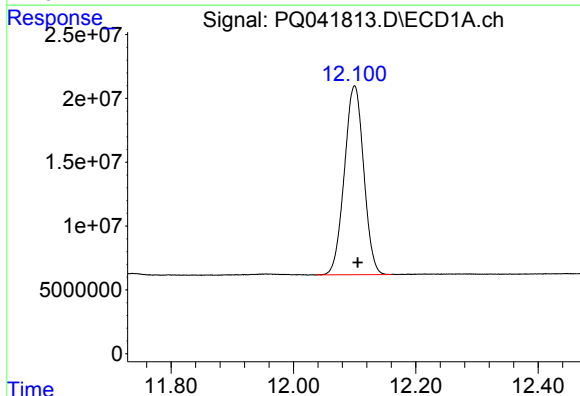
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 48181657
Conc: 21.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



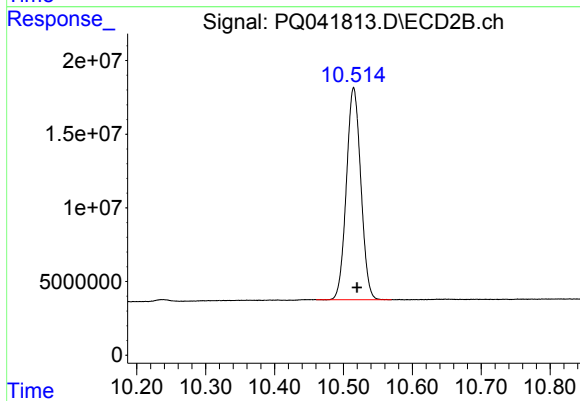
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 42909111
Conc: 22.26 ng/ml



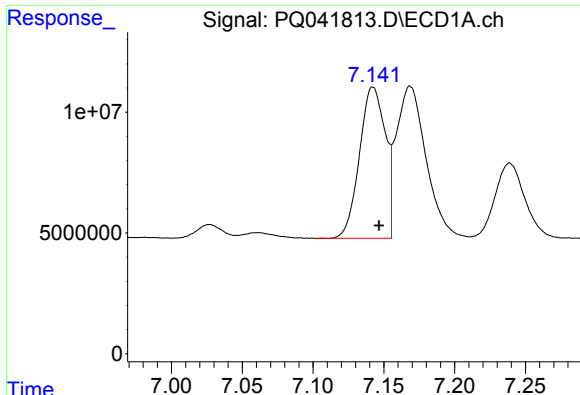
#2 Decachlorobiphenyl

R.T.: 12.100 min
Delta R.T.: -0.005 min
Response: 324501441
Conc: 38.49 ng/ml



#2 Decachlorobiphenyl

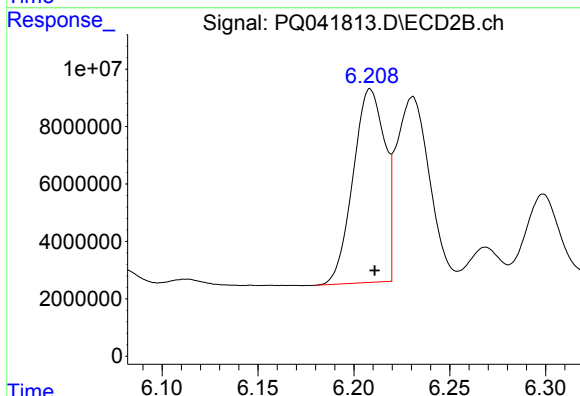
R.T.: 10.515 min
Delta R.T.: -0.005 min
Response: 209245912
Conc: 43.26 ng/ml



#3 AR-1016-1

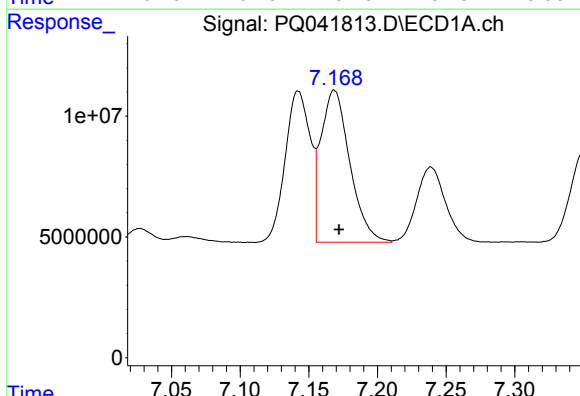
R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 79361650
Conc: 734.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



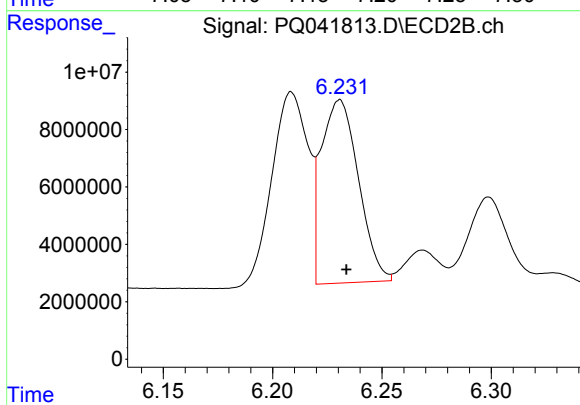
#3 AR-1016-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 77703470
Conc: 748.81 ng/ml



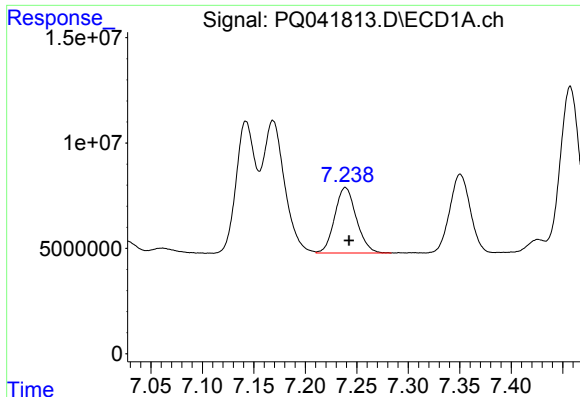
#4 AR-1016-2

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 92224652
Conc: 589.19 ng/ml



#4 AR-1016-2

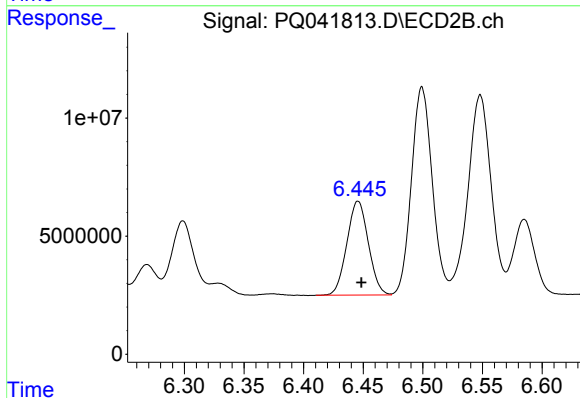
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 75803886
Conc: 529.10 ng/ml



#5 AR-1016-3

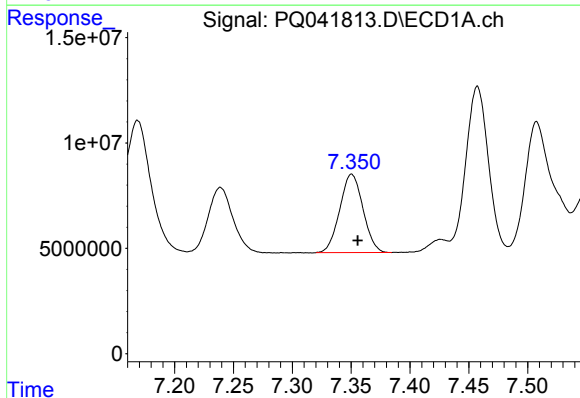
R.T.: 7.239 min
Delta R.T.: -0.004 min
Response: 45501923
Conc: 470.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



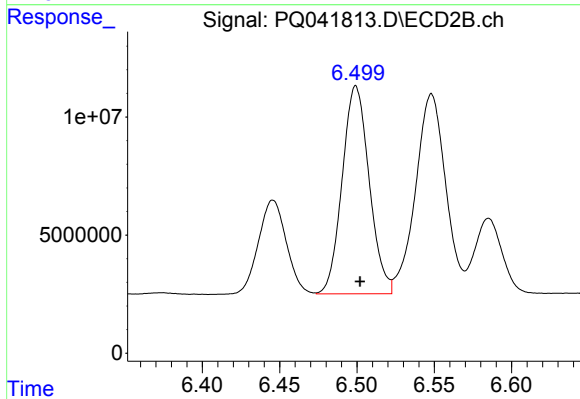
#5 AR-1016-3

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 49862506
Conc: 668.65 ng/ml



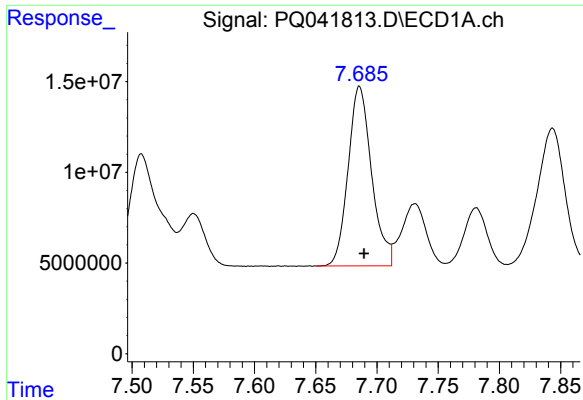
#6 AR-1016-4

R.T.: 7.350 min
Delta R.T.: -0.005 min
Response: 51268633
Conc: 657.17 ng/ml



#6 AR-1016-4

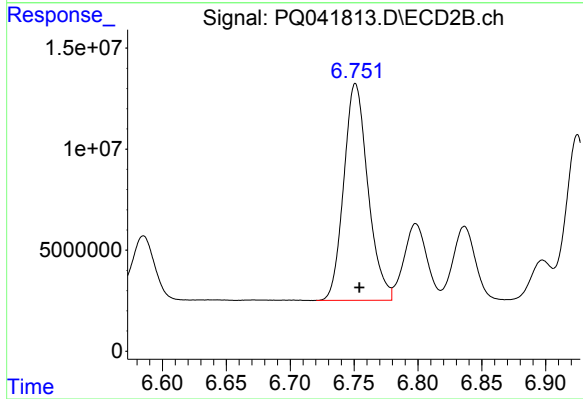
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 107102672
Conc: 1727.18 ng/ml



#7 AR-1016-5

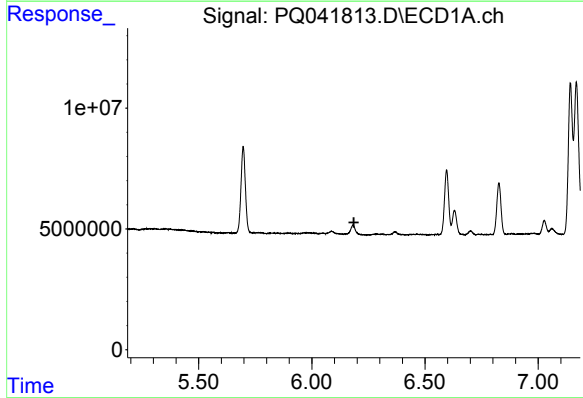
R.T.: 7.686 min
Delta R.T.: -0.004 min
Response: 132098837
Conc: 1680.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



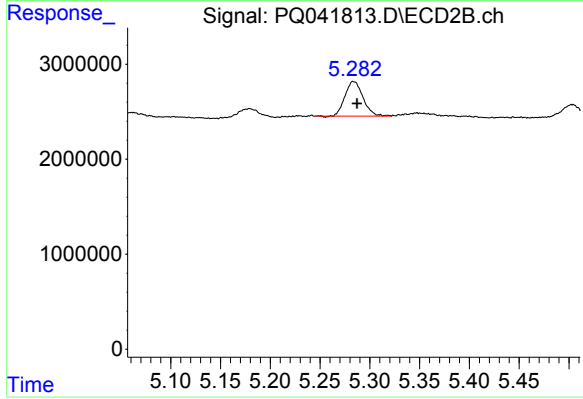
#7 AR-1016-5

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 141143639
Conc: 1733.88 ng/ml



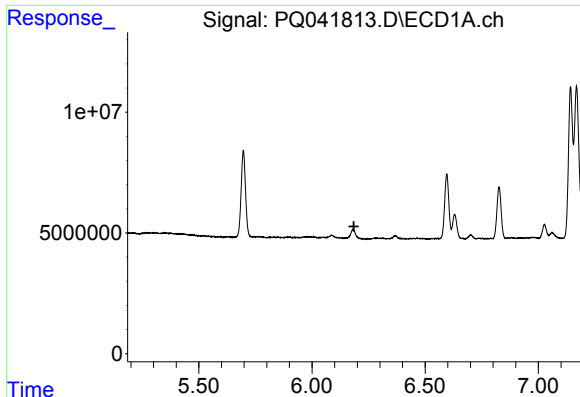
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

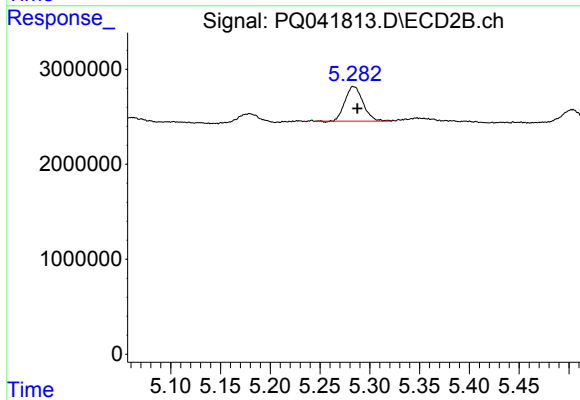
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 4575040
Conc: 83.90 ng/ml



#11 AR-1232-1

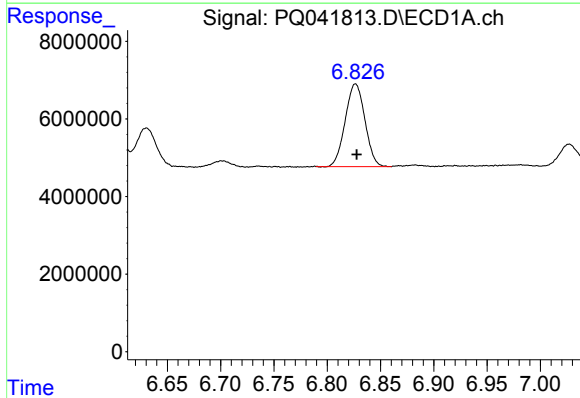
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



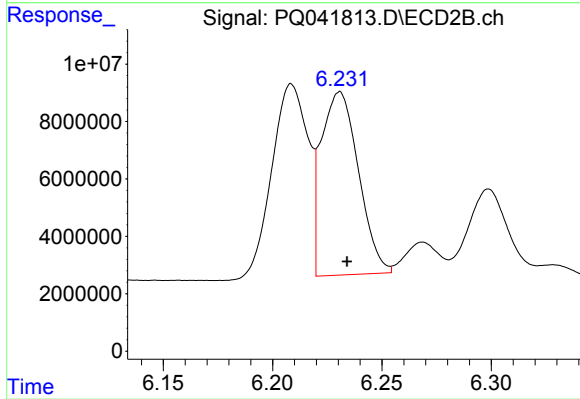
#11 AR-1232-1

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 4575040
Conc: 94.75 ng/ml



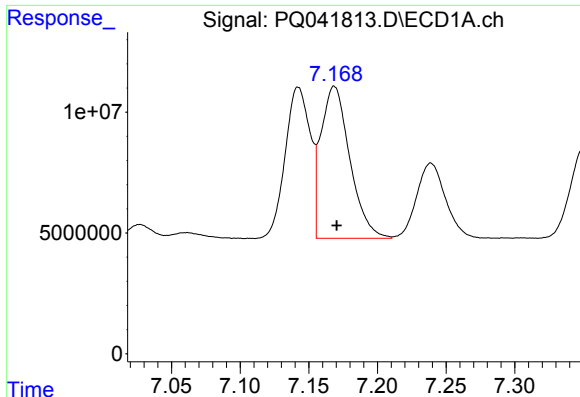
#12 AR-1232-2

R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 27475682
Conc: 836.23 ng/ml



#12 AR-1232-2

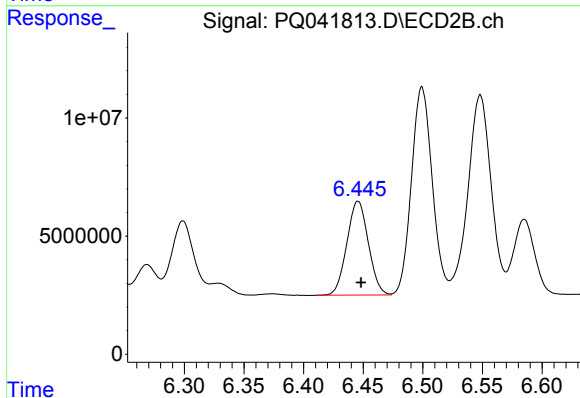
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 75803886
Conc: 1329.24 ng/ml



#13 AR-1232-3

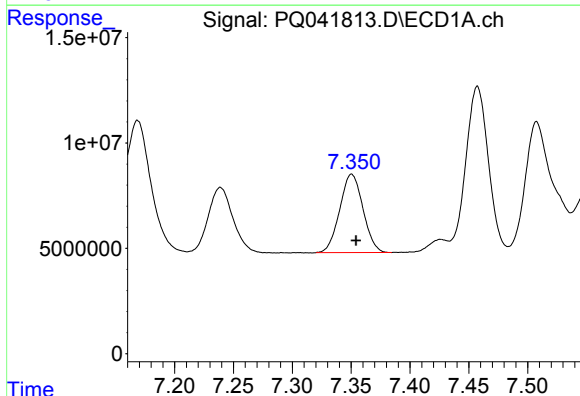
R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 92224652
Conc: 1381.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



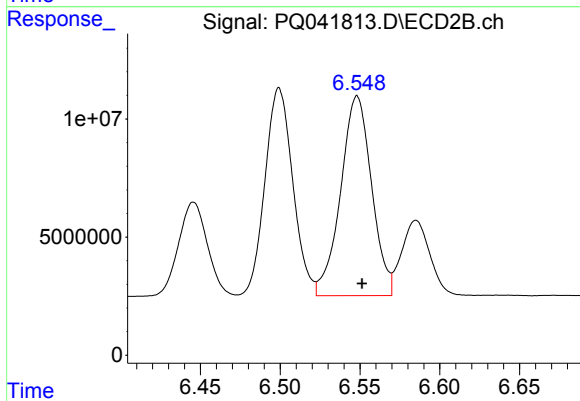
#13 AR-1232-3

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 49862506
Conc: 1672.14 ng/ml



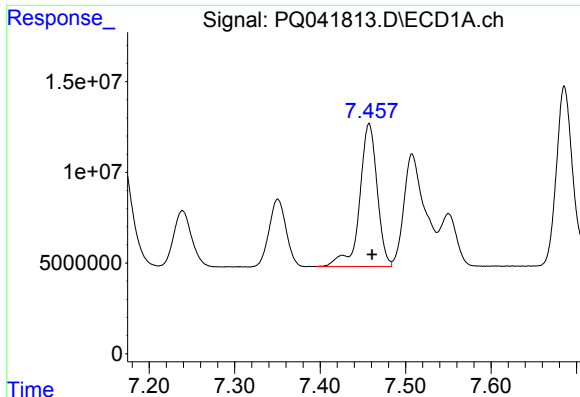
#14 AR-1232-4

R.T.: 7.350 min
Delta R.T.: -0.004 min
Response: 51268633
Conc: 1598.32 ng/ml



#14 AR-1232-4

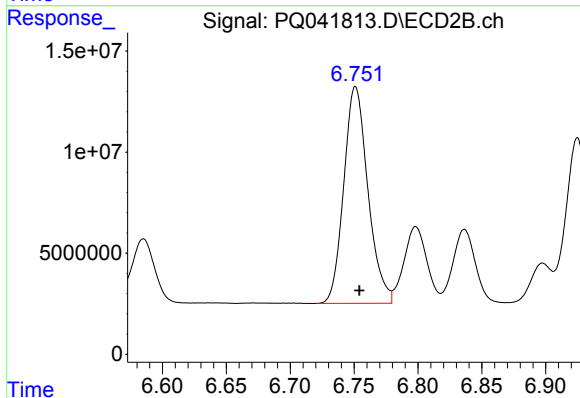
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 114306139
Conc: 4281.66 ng/ml



#15 AR-1232-5

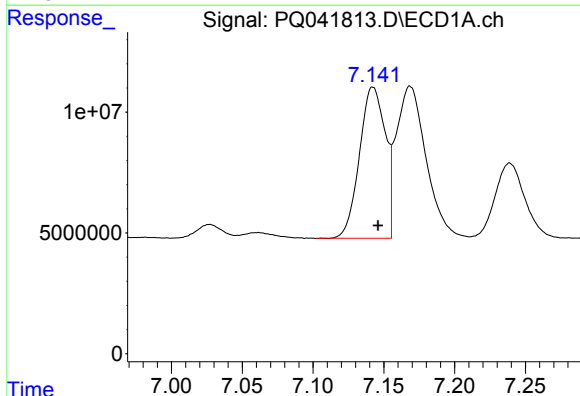
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 112186906
Conc: 5220.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



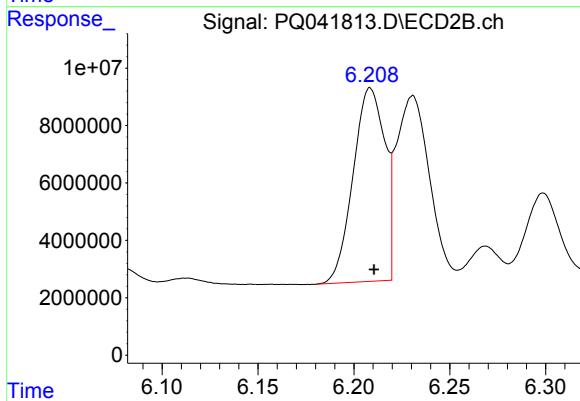
#15 AR-1232-5

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 141143639
Conc: 4812.90 ng/ml



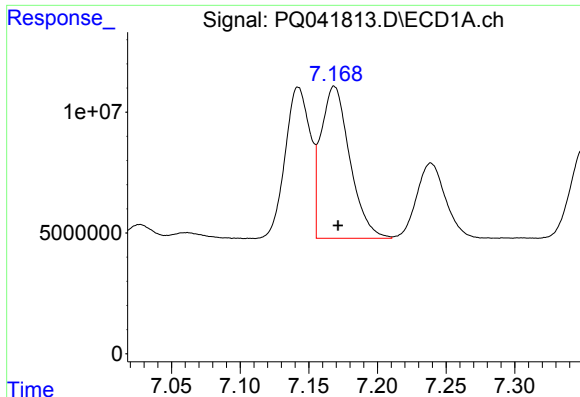
#16 AR-1242-1

R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 79361650
Conc: 887.23 ng/ml



#16 AR-1242-1

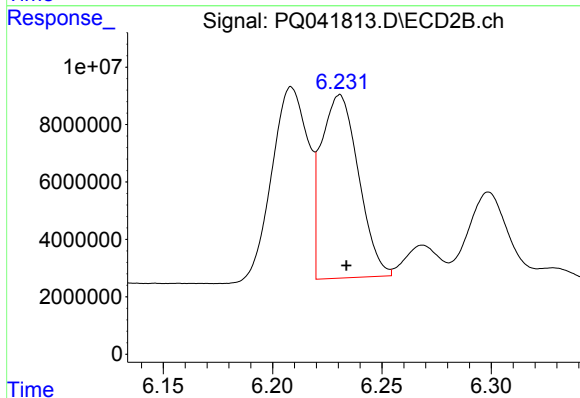
R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 77703470
Conc: 949.46 ng/ml



#17 AR-1242-2

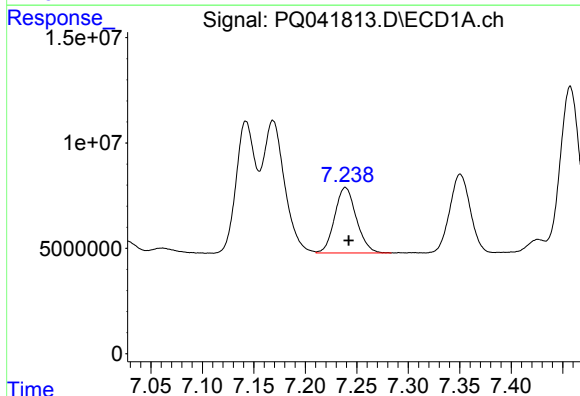
R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 92224652
Conc: 717.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



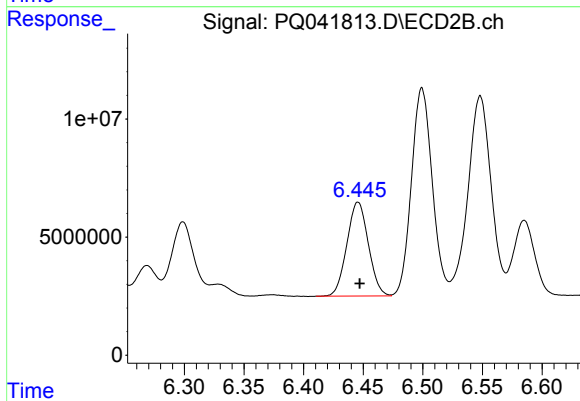
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 75803886
Conc: 671.20 ng/ml



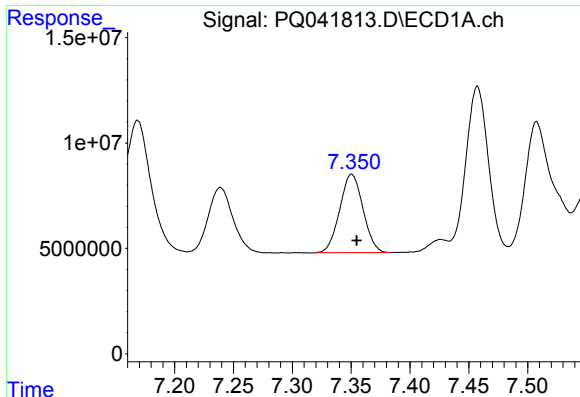
#18 AR-1242-3

R.T.: 7.239 min
Delta R.T.: -0.003 min
Response: 45501923
Conc: 561.15 ng/ml



#18 AR-1242-3

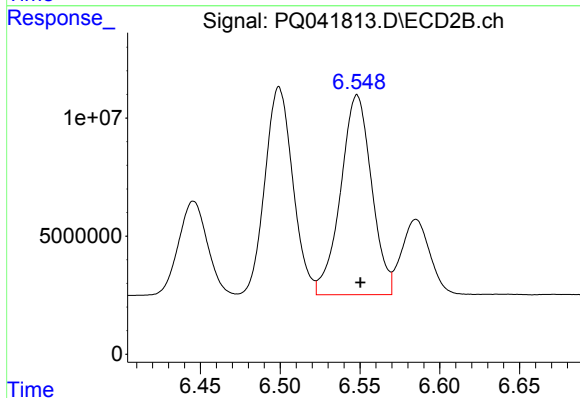
R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 49862506
Conc: 844.09 ng/ml



#19 AR-1242-4

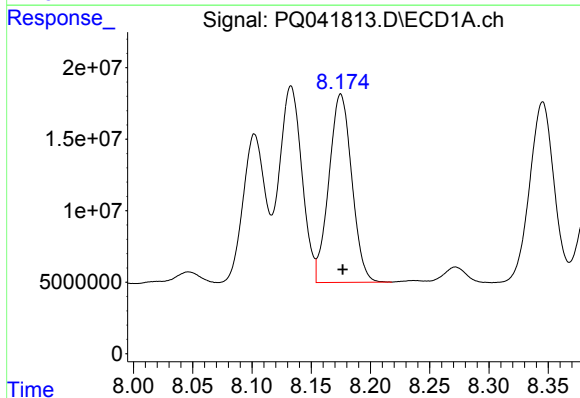
R.T.: 7.350 min
Delta R.T.: -0.004 min
Response: 51268633
Conc: 797.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



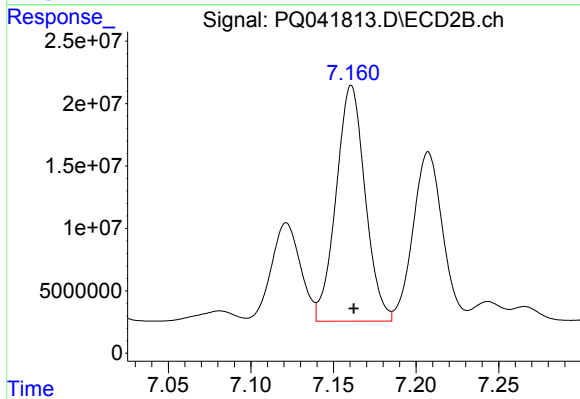
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 114306139
Conc: 1927.68 ng/ml



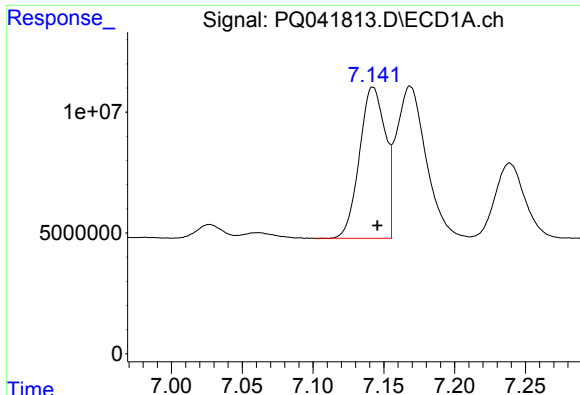
#20 AR-1242-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 177001940
Conc: 1994.93 ng/ml



#20 AR-1242-5

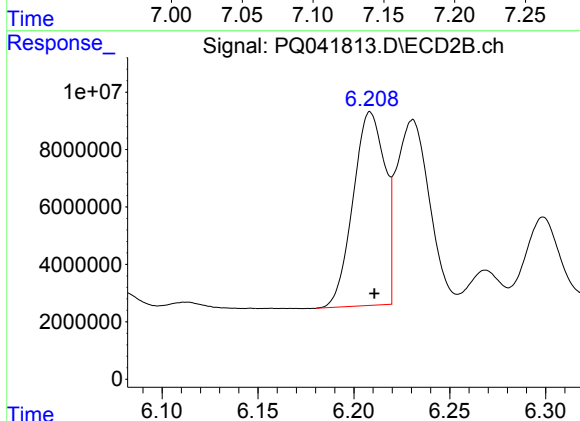
R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 231365373
Conc: 2605.63 ng/ml



#21 AR-1248-1

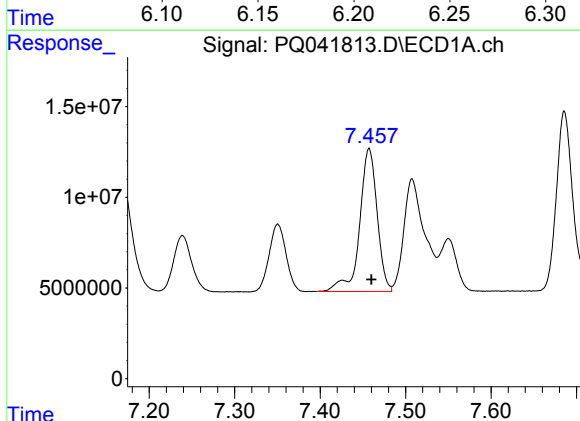
R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 79361650
Conc: 1070.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



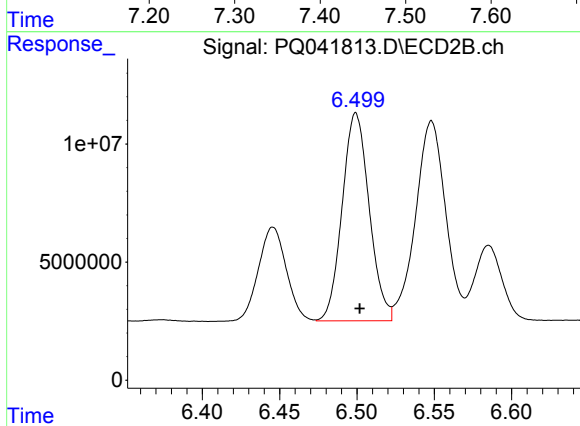
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 77703470
Conc: 1171.93 ng/ml



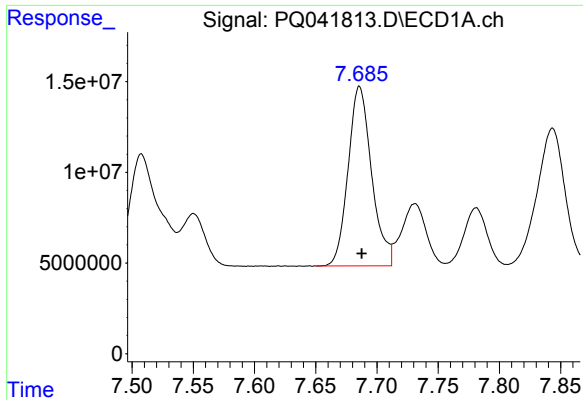
#22 AR-1248-2

R.T.: 7.457 min
Delta R.T.: -0.002 min
Response: 112186906
Conc: 1215.94 ng/ml



#22 AR-1248-2

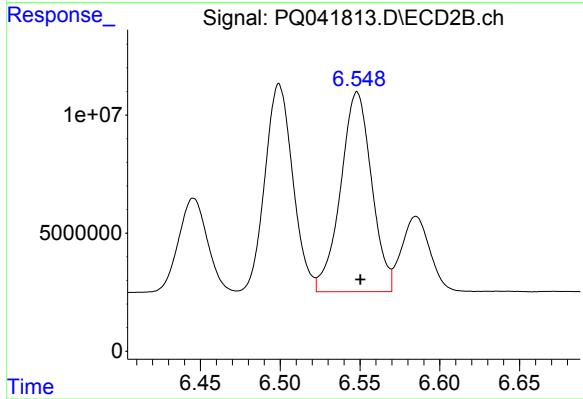
R.T.: 6.499 min
Delta R.T.: -0.002 min
Response: 107102672
Conc: 1228.42 ng/ml



#23 AR-1248-3

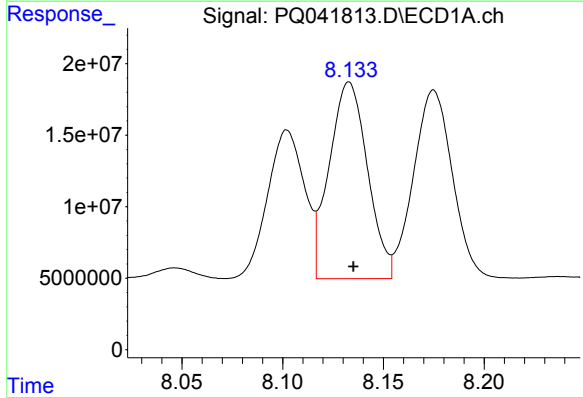
R.T.: 7.686 min
Delta R.T.: -0.002 min
Response: 132098837
Conc: 1179.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



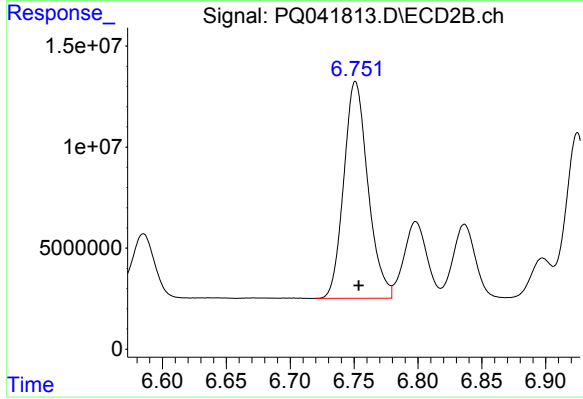
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 114306139
Conc: 1280.66 ng/ml



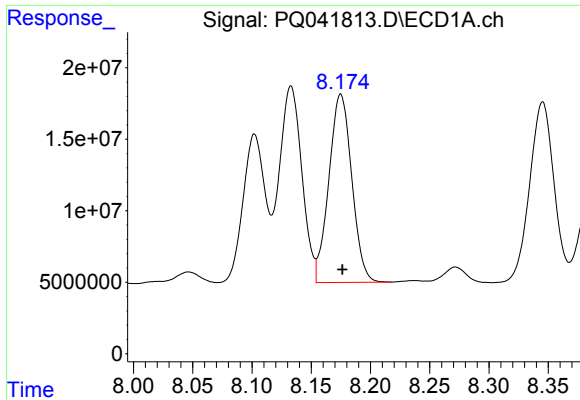
#24 AR-1248-4

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 181709502
Conc: 1162.14 ng/ml



#24 AR-1248-4

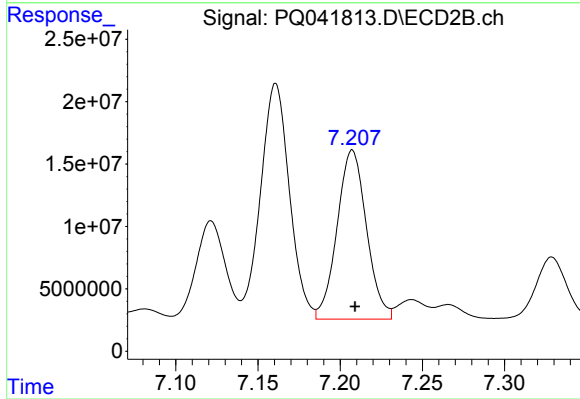
R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 141143639
Conc: 1281.48 ng/ml



#25 AR-1248-5

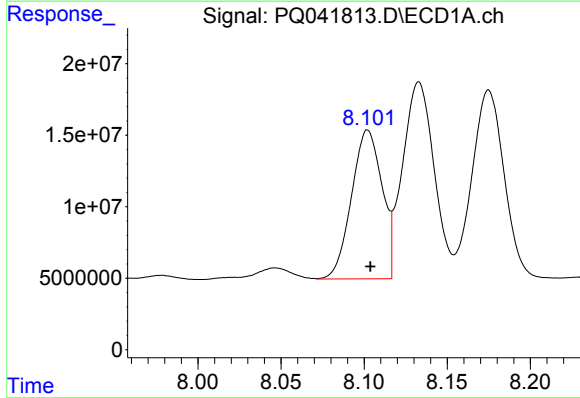
R.T.: 8.175 min
Delta R.T.: -0.001 min
Response: 177001940
Conc: 1169.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



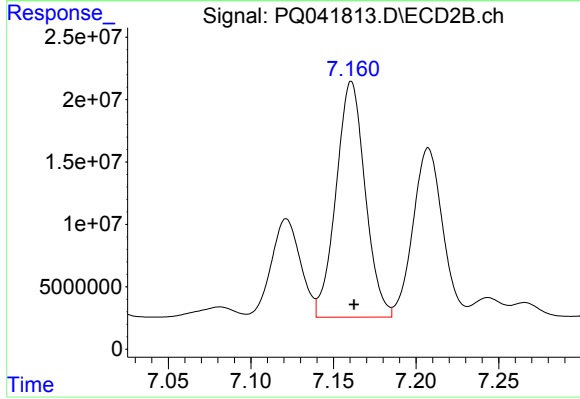
#25 AR-1248-5

R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 168824149
Conc: 1317.14 ng/ml



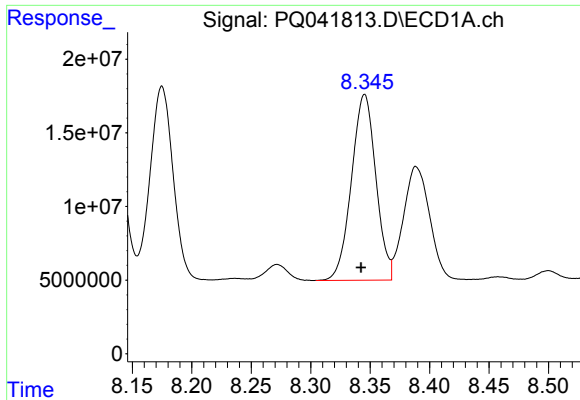
#26 AR-1254-1

R.T.: 8.102 min
Delta R.T.: -0.002 min
Response: 133262289
Conc: 957.93 ng/ml



#26 AR-1254-1

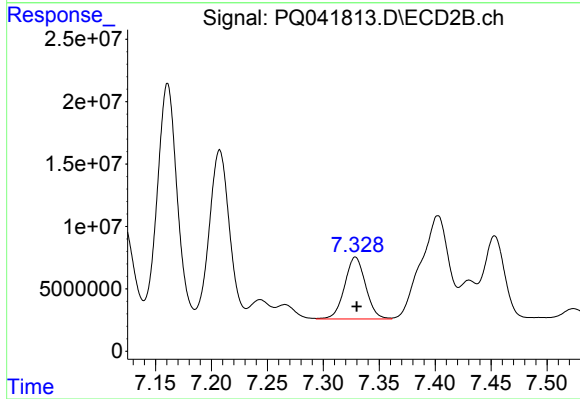
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 231365373
Conc: 1265.09 ng/ml



#27 AR-1254-2

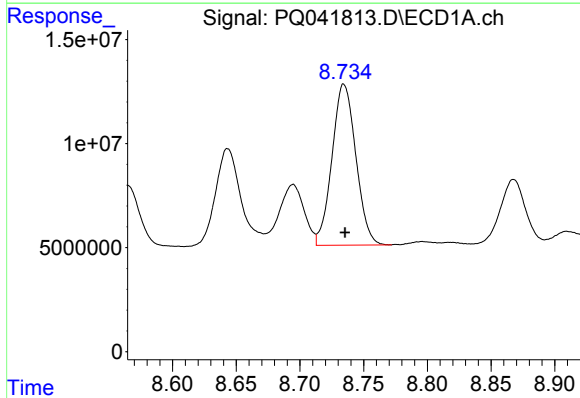
R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 180245331
Conc: 787.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



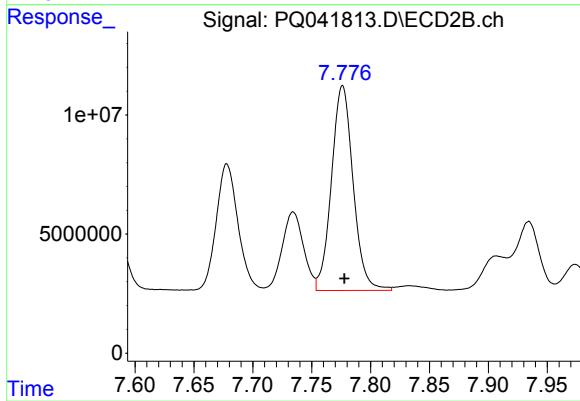
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 64806807
Conc: 400.36 ng/ml



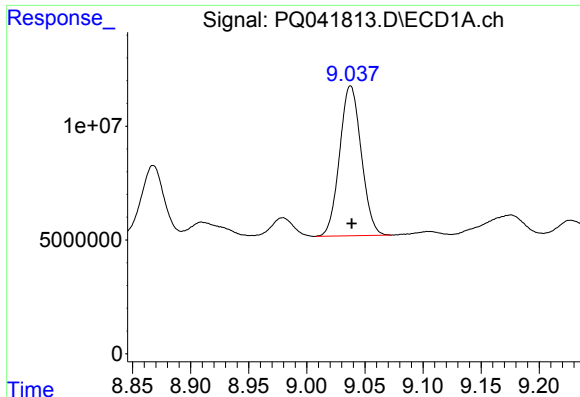
#28 AR-1254-3

R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 101033086
Conc: 369.51 ng/ml



#28 AR-1254-3

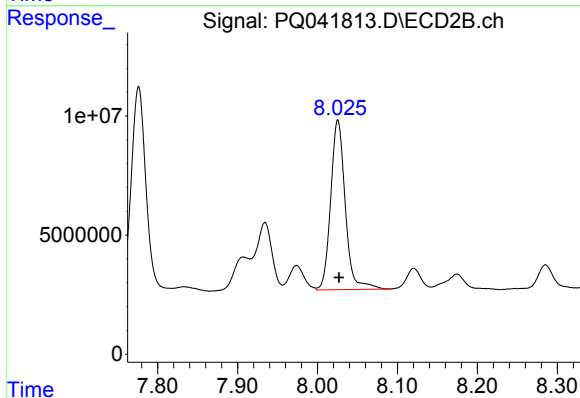
R.T.: 7.776 min
Delta R.T.: -0.001 min
Response: 110075211
Conc: 381.67 ng/ml



#29 AR-1254-4

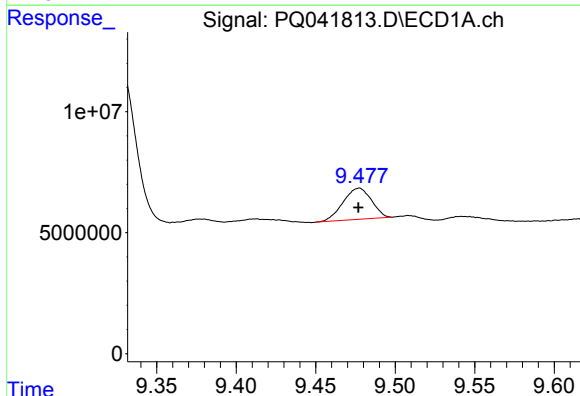
R.T.: 9.038 min
Delta R.T.: -0.001 min
Response: 85534026
Conc: 347.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



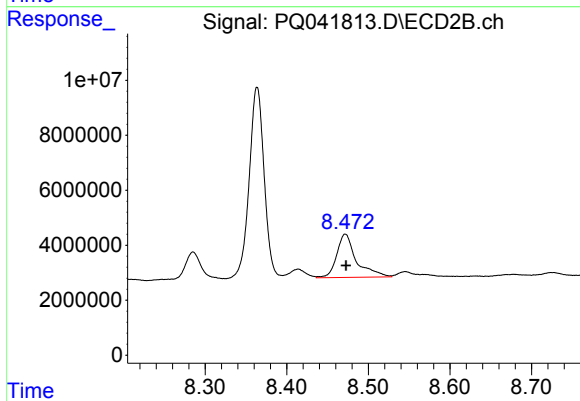
#29 AR-1254-4

R.T.: 8.026 min
Delta R.T.: -0.001 min
Response: 90170161
Conc: 415.39 ng/ml



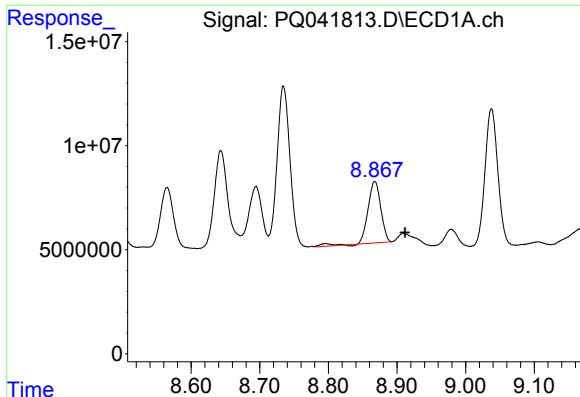
#30 AR-1254-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 16021938
Conc: 59.16 ng/ml



#30 AR-1254-5

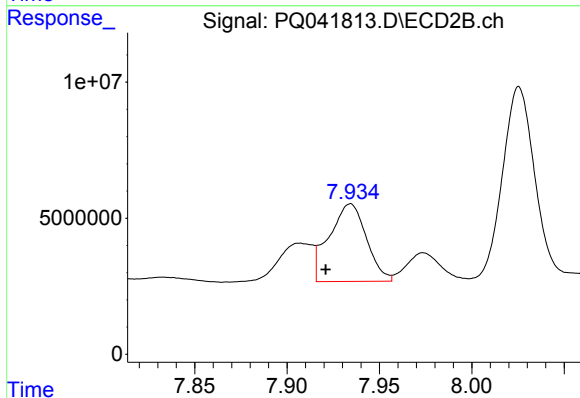
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 26415524
Conc: 87.83 ng/ml



#31 AR-1260-1

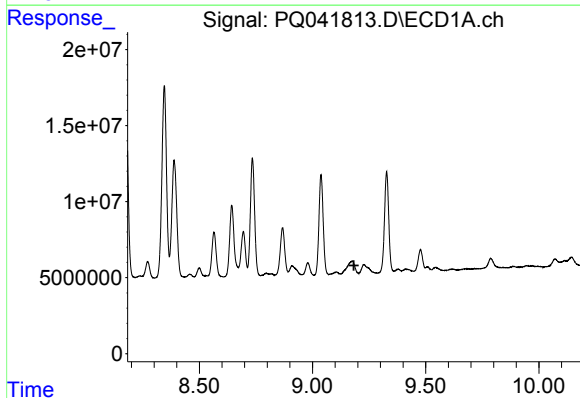
R.T.: 8.868 min
Delta R.T.: -0.044 min
Response: 39128385
Conc: 219.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



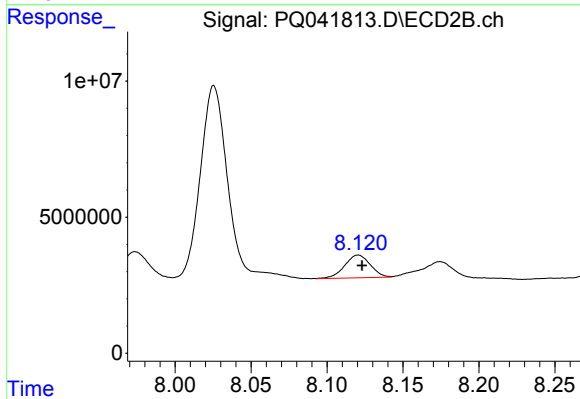
#31 AR-1260-1

R.T.: 7.934 min
Delta R.T.: 0.013 min
Response: 40128908
Conc: 221.18 ng/ml



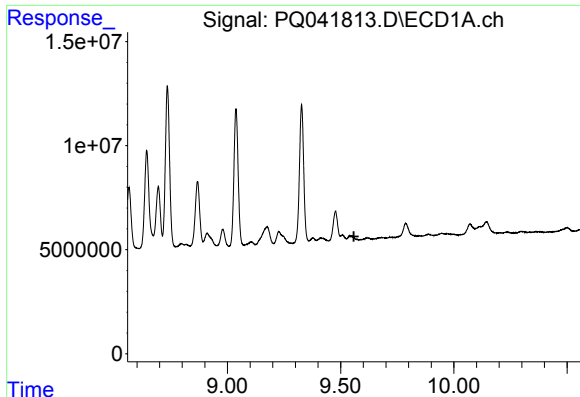
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.183 min
Response: 0
Conc: N.D.



#32 AR-1260-2

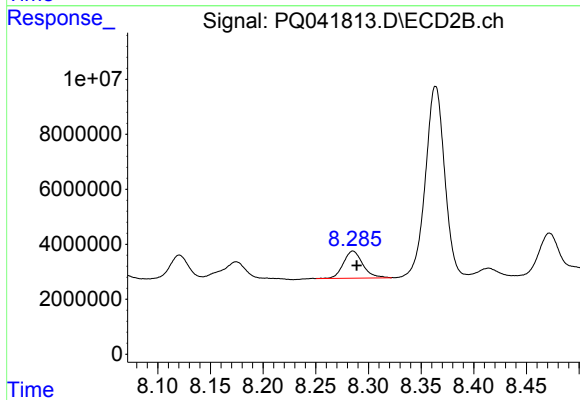
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 9803861
Conc: 39.96 ng/ml



#33 AR-1260-3

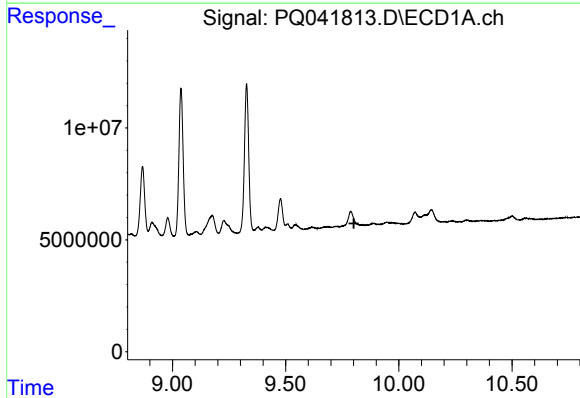
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



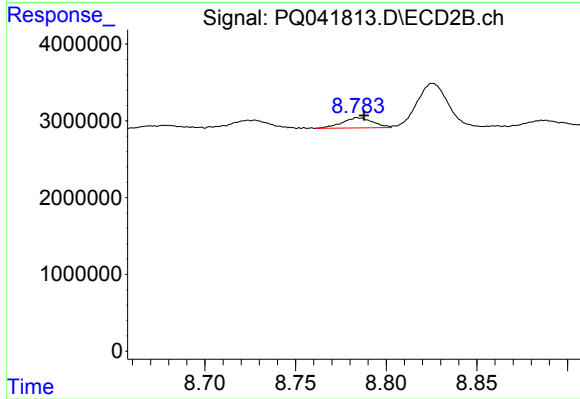
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 12678474
Conc: 59.59 ng/ml



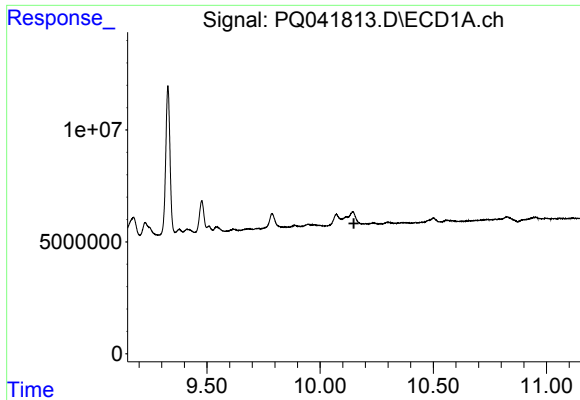
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.802 min
Response: 0
Conc: N.D.



#34 AR-1260-4

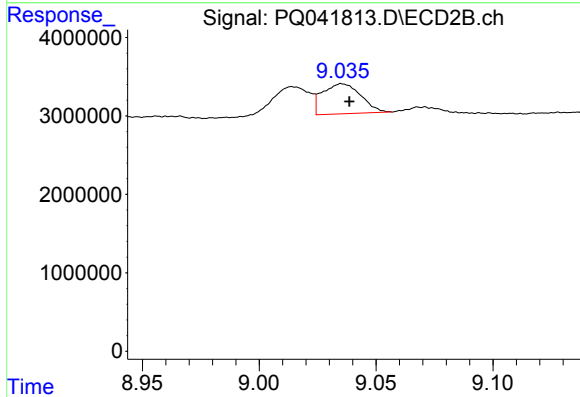
R.T.: 8.785 min
Delta R.T.: -0.003 min
Response: 1555679
Conc: 7.69 ng/ml



#35 AR-1260-5

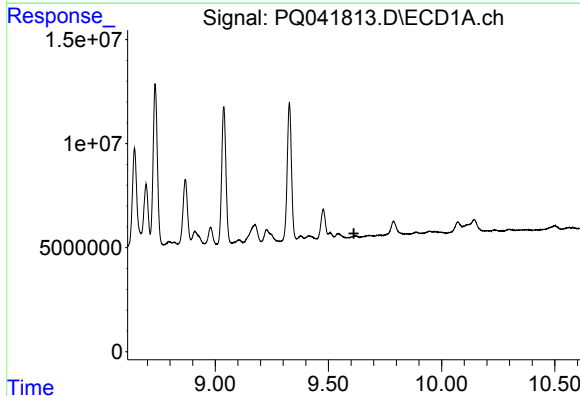
R.T.: 0.000 min
Exp R.T.: 10.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



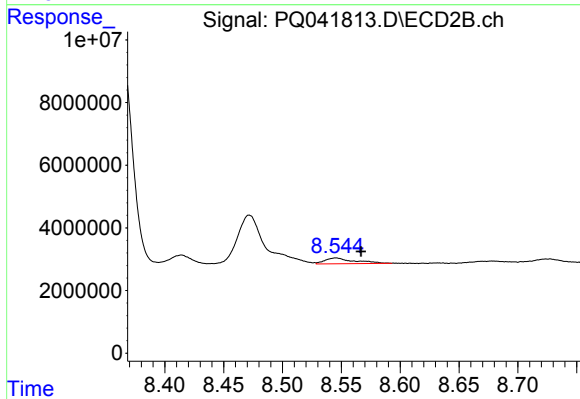
#35 AR-1260-5

R.T.: 9.036 min
Delta R.T.: -0.003 min
Response: 4379599
Conc: 7.42 ng/ml



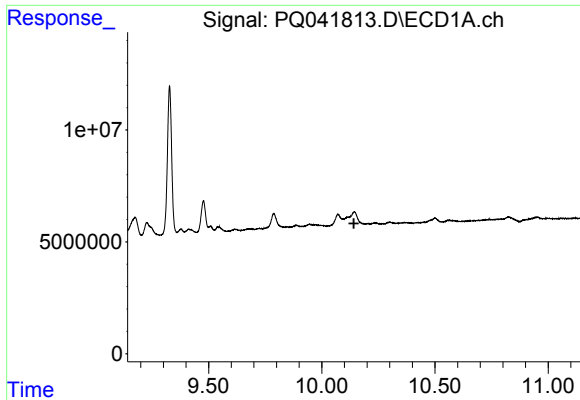
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.613 min
Response: 0
Conc: N.D.



#36 AR-1262-1

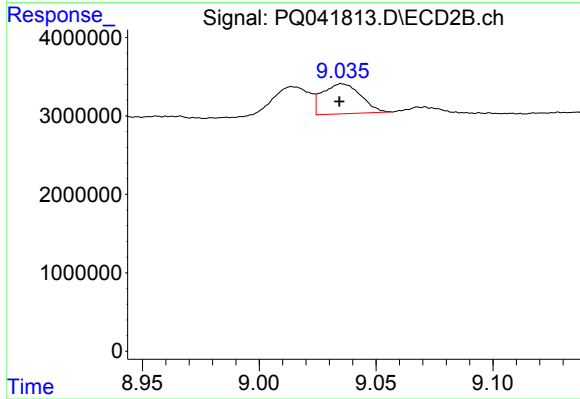
R.T.: 8.545 min
Delta R.T.: -0.021 min
Response: 3188494
Conc: 22.22 ng/ml



#37 AR-1262-2

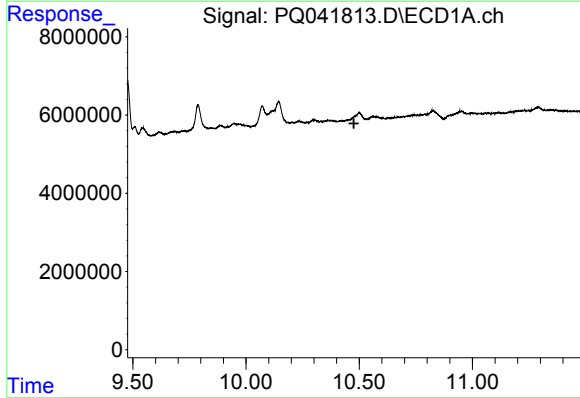
R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



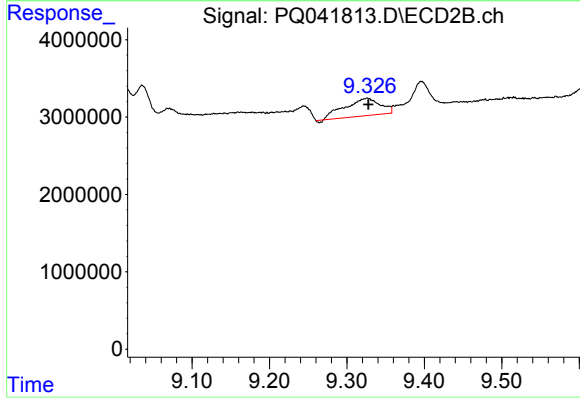
#37 AR-1262-2

R.T.: 9.036 min
Delta R.T.: 0.001 min
Response: 4379599
Conc: 5.91 ng/ml



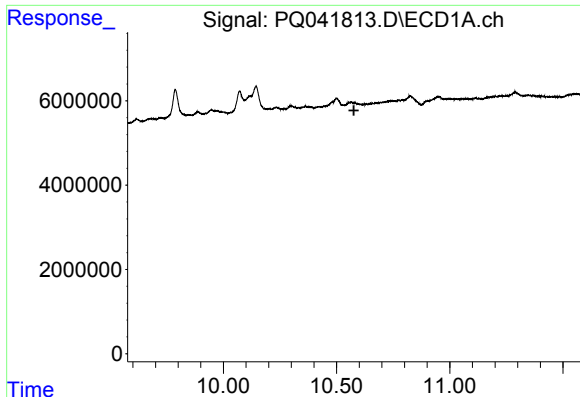
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.477 min
Response: 0
Conc: N.D.



#38 AR-1262-3

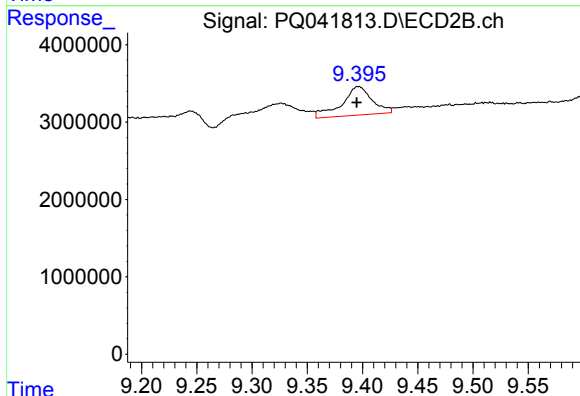
R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 7159149
Conc: 22.63 ng/ml



#39 AR-1262-4

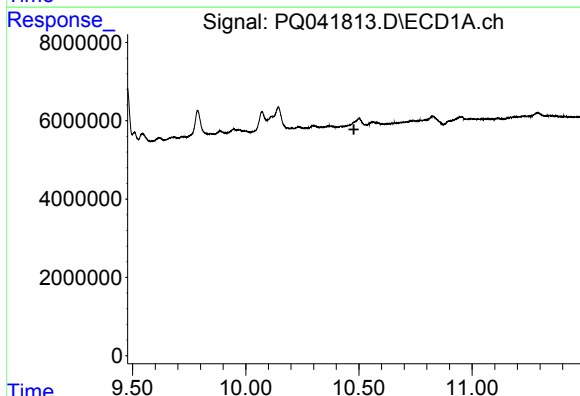
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



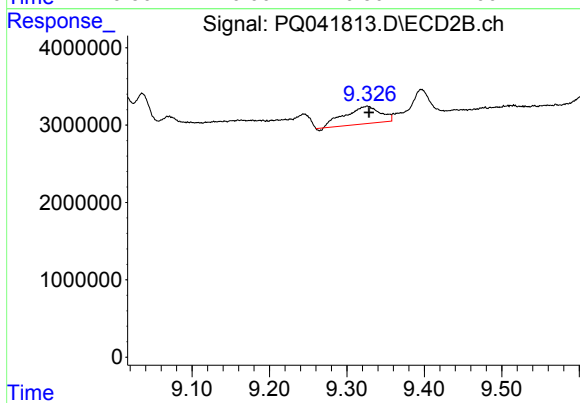
#39 AR-1262-4

R.T.: 9.396 min
Delta R.T.: 0.002 min
Response: 7045109
Conc: 12.53 ng/ml



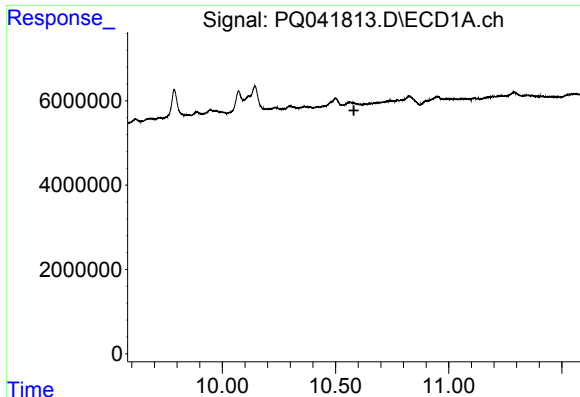
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 10.478 min
Response: 0
Conc: N.D.



#41 AR-1268-1

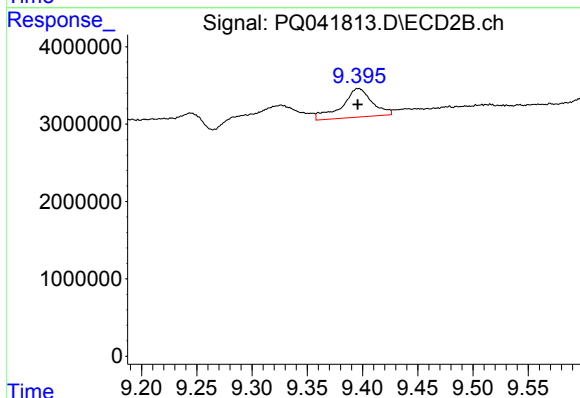
R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 7159149
Conc: 6.26 ng/ml



#42 AR-1268-2

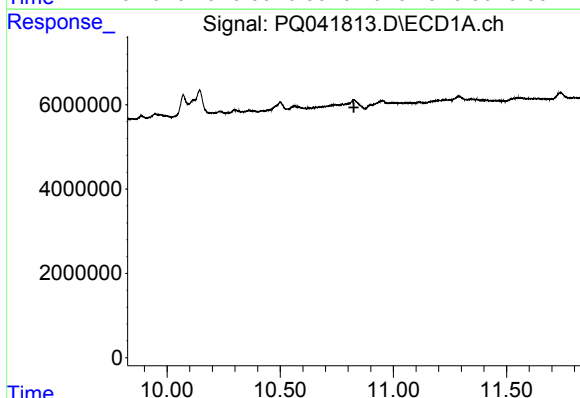
R.T.: 0.000 min
Exp R.T.: 10.581 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



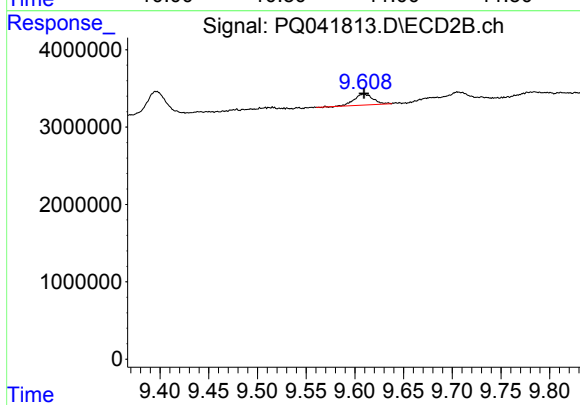
#42 AR-1268-2

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 7045109
Conc: 6.86 ng/ml



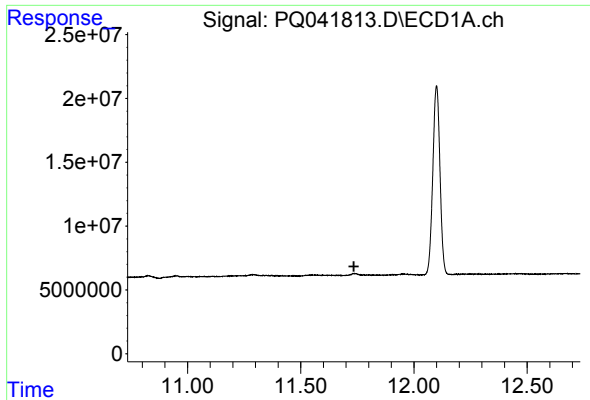
#43 AR-1268-3

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



#43 AR-1268-3

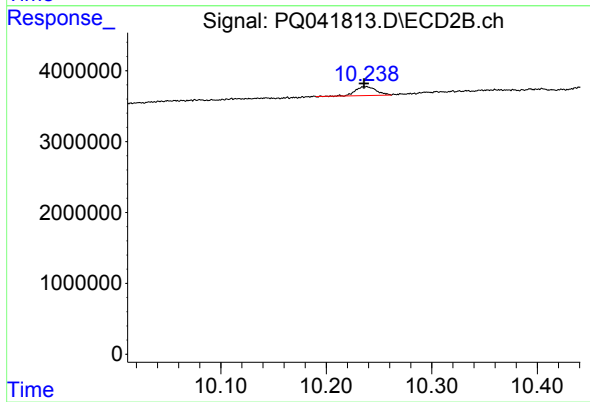
R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 1907403
Conc: 2.20 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.735 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.002 min
Response: 1740372
Conc: 0.67 ng/ml