

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 12:54
 Operator : SM\AJ
 Sample : K3020-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:02:21 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...	5.698	4.755	37248491	33101410	16.242	17.176
2)	SA Decachlor...	12.102	10.516	183.9E6	119.3E6	21.817	24.662
Target Compounds							
3)	L1 AR-1016-1	7.142	6.208	11363615	12051945	105.137	116.142
4)	L1 AR-1016-2	7.168	6.232	11695414	14039990	74.718	97.997 #
5)	L1 AR-1016-3	0.000	6.445	0	9132760	N.D.	122.469 #
6)	L1 AR-1016-4	0.000	6.500	0	19792367	N.D.	319.179 #
7)	L1 AR-1016-5	7.664	6.757	-6575650	44011586	N.D.	540.660 #
10)	L2 AR-1221-3	0.000	5.341	0	2750549	N.D.	50.439 #
11)	L3 AR-1232-1	0.000	5.341	0	2750549	N.D.	56.962 #
12)	L3 AR-1232-2	0.000	6.232	0	14039990	N.D.	246.196 #
13)	L3 AR-1232-3	7.168	6.445	11695414	9132760	175.177	306.268 #
14)	L3 AR-1232-4	0.000	6.549	0	16432671	N.D.	615.532 #
15)	L3 AR-1232-5	7.458	6.757	18065680	44011586	840.645	1500.763 #
16)	L4 AR-1242-1	7.142	6.208	11363615	12051945	127.040	147.263
17)	L4 AR-1242-2	7.168	6.232	11695414	14039990	90.950	124.316 #
18)	L4 AR-1242-3	0.000	6.445	0	9132760	N.D.	154.602 #
19)	L4 AR-1242-4	0.000	6.549	0	16432671	N.D.	277.123 #
20)	L4 AR-1242-5	8.139	7.158	293.4E6	132.6E6	3306.835	1493.895 #
21)	L5 AR-1248-1	7.142	6.208	11363615	12051945	153.281	181.768
22)	L5 AR-1248-2	7.458	6.500	18065680	19792367	195.806	227.009
23)	L5 AR-1248-3	7.664	6.549	-6575650	16432671	N.D.	184.108 #
24)	L5 AR-1248-4	8.139	6.757	293.4E6	44011586	1876.471	399.592 #
25)	L5 AR-1248-5	8.139	7.209	293.4E6	41936638	1938.907	327.183 #
26)	L6 AR-1254-1	8.108	7.158	46863165	132.6E6	336.867	725.316 #
27)	L6 AR-1254-2	8.346	7.328	99237474	59075803	433.573	364.955
28)	L6 AR-1254-3	8.737	7.777	93561229	93515706	342.180	324.249
29)	L6 AR-1254-4	9.038	8.026	86533735	93782973	351.513	432.035
30)	L6 AR-1254-5	9.478	8.472	97522198	130.5E6	360.066	434.018
31)	L7 AR-1260-1	8.909	7.919	39121747	60421822	219.927	333.032 #
32)	L7 AR-1260-2	9.179	8.121	75842288	51111481	300.633	208.333 #
33)	L7 AR-1260-3	9.508	8.286	7138782	45337095	31.155	213.073 #
34)	L7 AR-1260-4	9.790	8.785	45763756	12001831	179.225	59.330 #
35)	L7 AR-1260-5	10.146	9.036	37241300	32946294	55.288	55.822
36)	L8 AR-1262-1	0.000	8.567	0	12025071	N.D.	83.819 #
37)	L8 AR-1262-2	10.146	9.036	37241300	32946294	42.541	44.459
38)	L8 AR-1262-3	10.502	9.330	26454486	6659223	41.660	21.049 #
39)	L8 AR-1262-4	0.000	9.396	0	25911791	N.D.	46.076 #
40)	L8 AR-1262-5	0.000	9.921	0	5220056	N.D.	18.277 #
41)	L9 AR-1268-1	10.502	9.330	26454486	6659223	18.570	5.825 #
42)	L9 AR-1268-2	0.000	9.396	0	25911791	N.D.	25.241 #
43)	L9 AR-1268-3	0.000	9.611	0	7744860	N.D.	8.913 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 12:54
 Operator : SM\AJ
 Sample : K3020-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

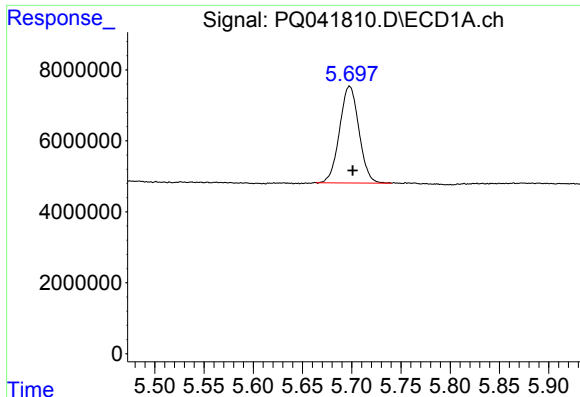
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:02:21 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
44) L9	AR-1268-4	0.000	9.921	0	5220056	N.D.	13.570 #
45) L9	AR-1268-5	11.739	10.238	23411999	16190196	5.776	6.233

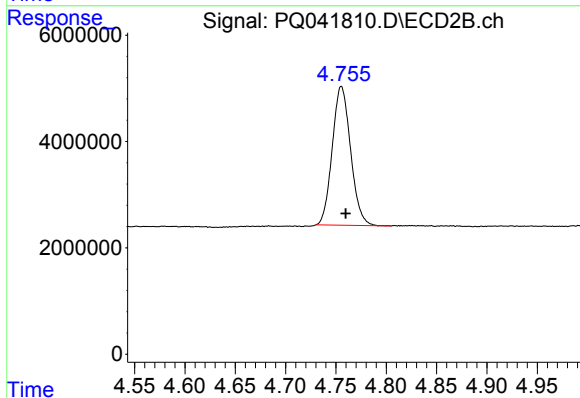
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

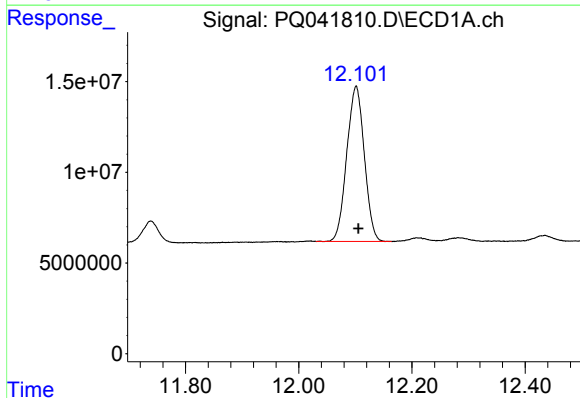
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 37248491
Conc: 16.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



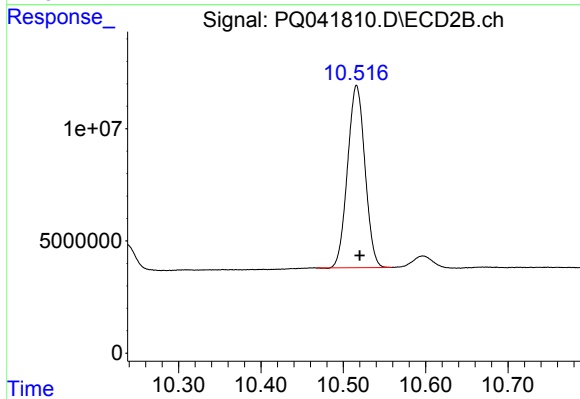
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.004 min
Response: 33101410
Conc: 17.18 ng/ml



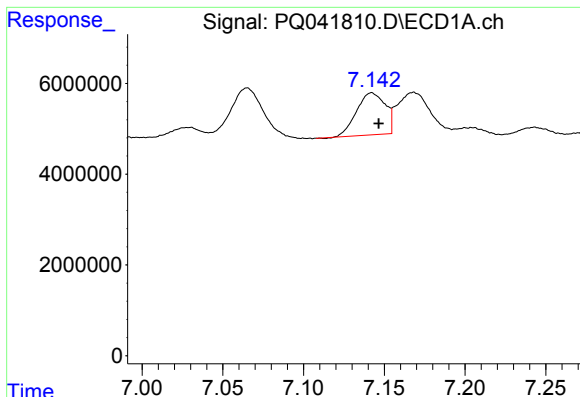
#2 Decachlorobiphenyl

R.T.: 12.102 min
Delta R.T.: -0.004 min
Response: 183941275
Conc: 21.82 ng/ml



#2 Decachlorobiphenyl

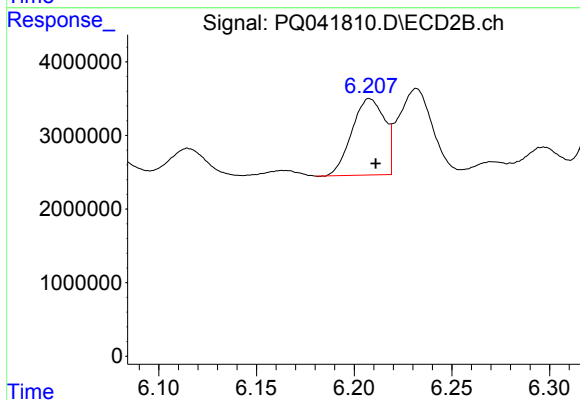
R.T.: 10.516 min
Delta R.T.: -0.004 min
Response: 119299510
Conc: 24.66 ng/ml



#3 AR-1016-1

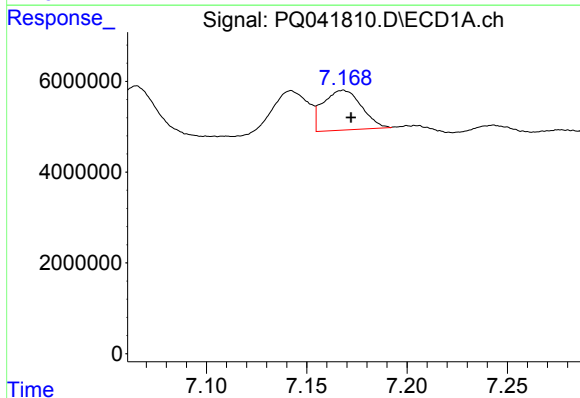
R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 11363615
Conc: 105.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



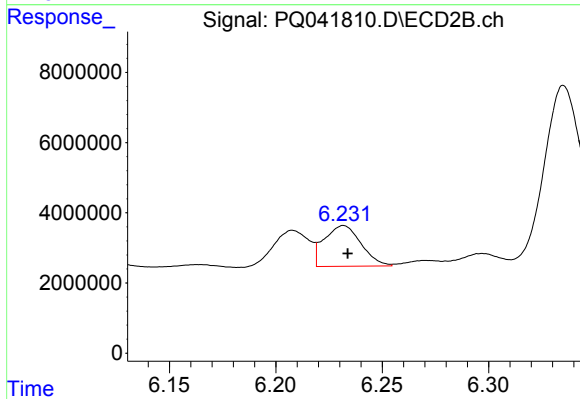
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 12051945
Conc: 116.14 ng/ml



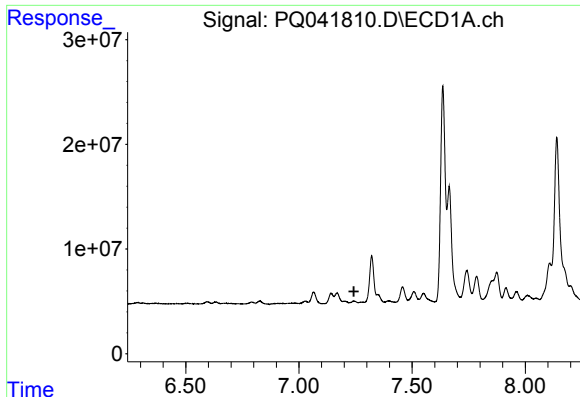
#4 AR-1016-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 11695414
Conc: 74.72 ng/ml



#4 AR-1016-2

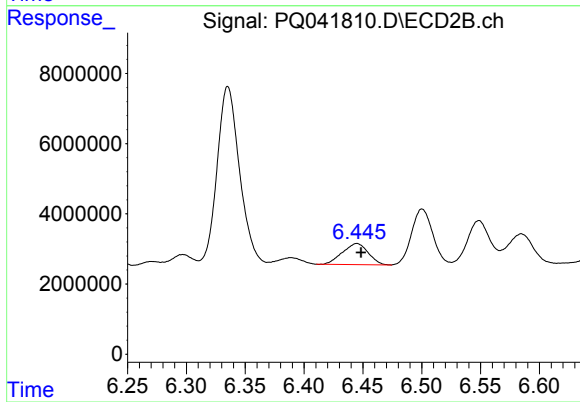
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 14039990
Conc: 98.00 ng/ml



#5 AR-1016-3

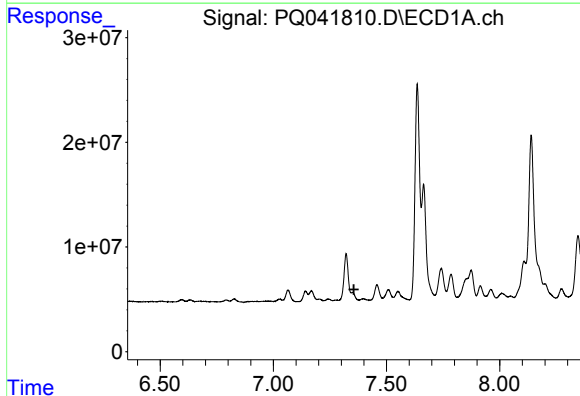
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



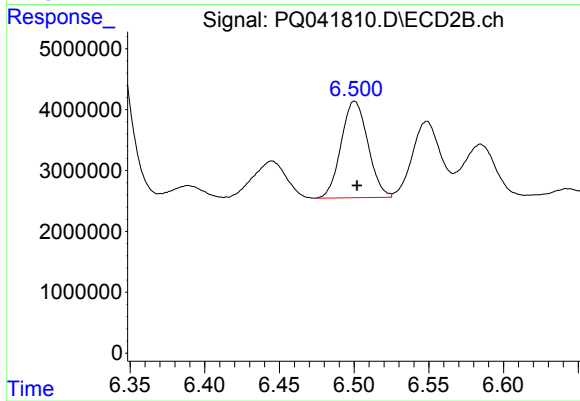
#5 AR-1016-3

R.T.: 6.445 min
Delta R.T.: -0.004 min
Response: 9132760
Conc: 122.47 ng/ml



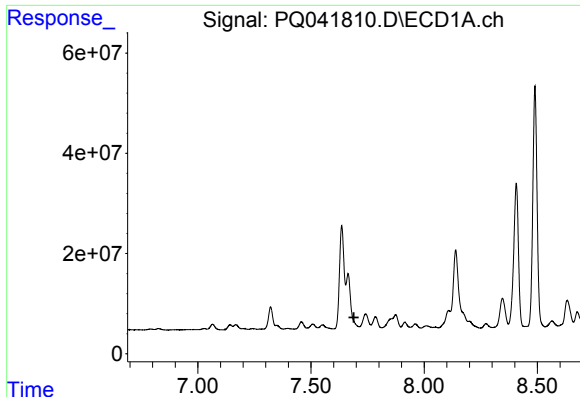
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.356 min
Response: 0
Conc: N.D.



#6 AR-1016-4

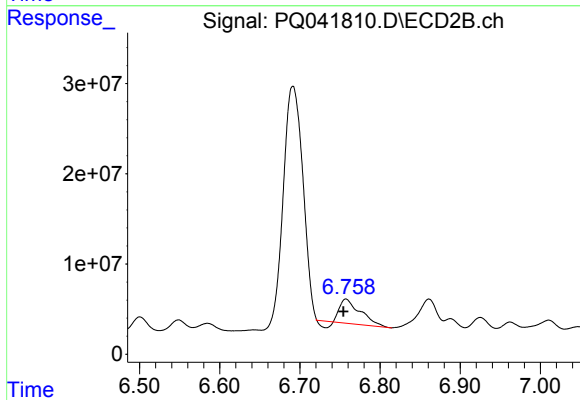
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 19792367
Conc: 319.18 ng/ml



#7 AR-1016-5

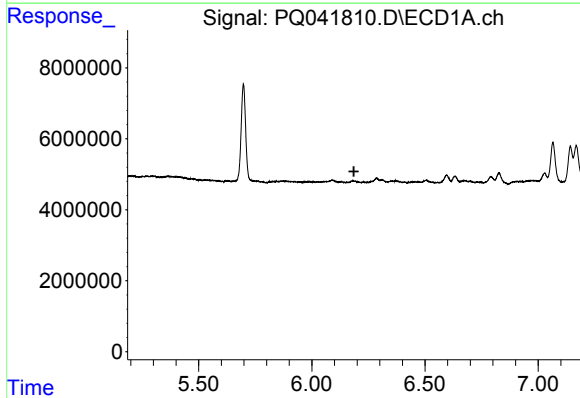
R.T.: 7.664 min
Delta R.T.: -0.026 min
Response: -6575650
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



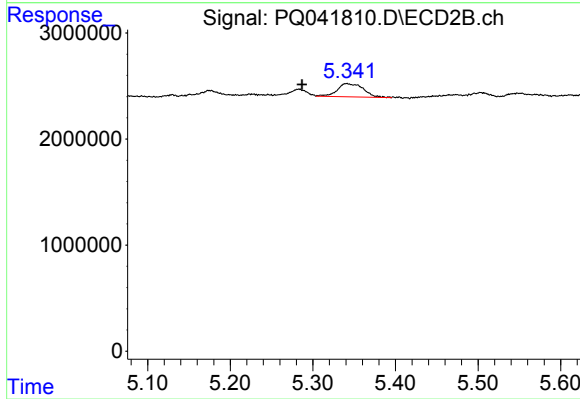
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 44011586
Conc: 540.66 ng/ml



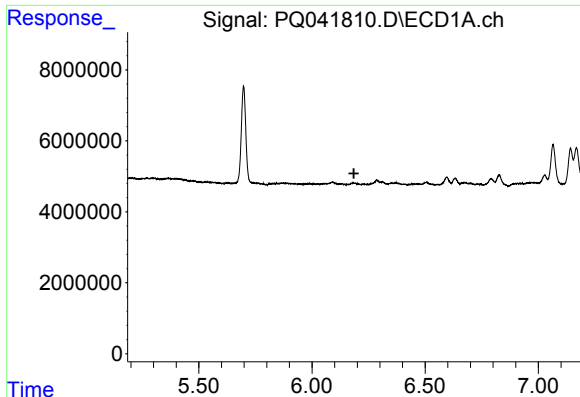
#10 AR-1221-3

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



#10 AR-1221-3

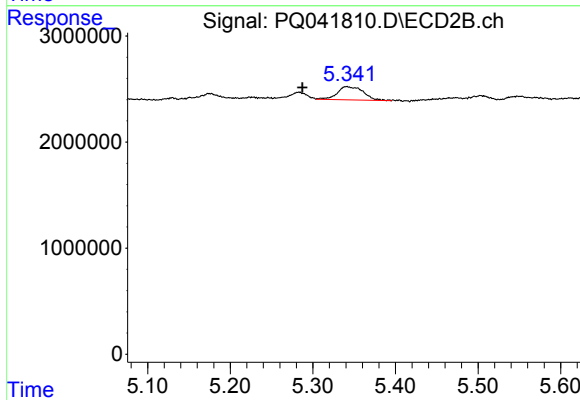
R.T.: 5.341 min
Delta R.T.: 0.054 min
Response: 2750549
Conc: 50.44 ng/ml



#11 AR-1232-1

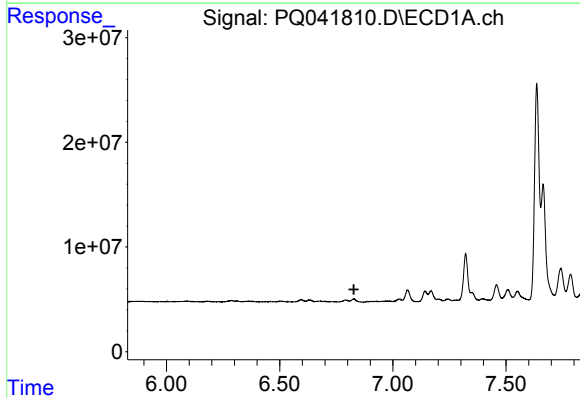
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



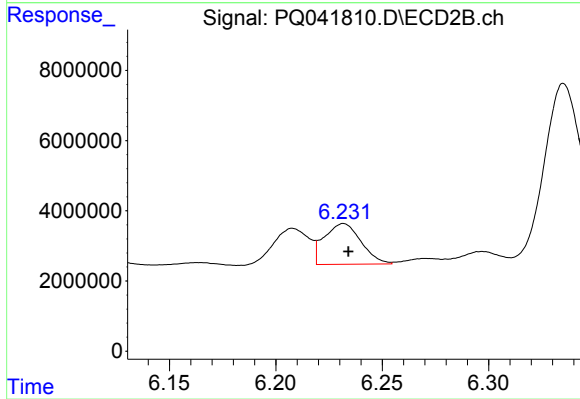
#11 AR-1232-1

R.T.: 5.341 min
Delta R.T.: 0.054 min
Response: 2750549
Conc: 56.96 ng/ml



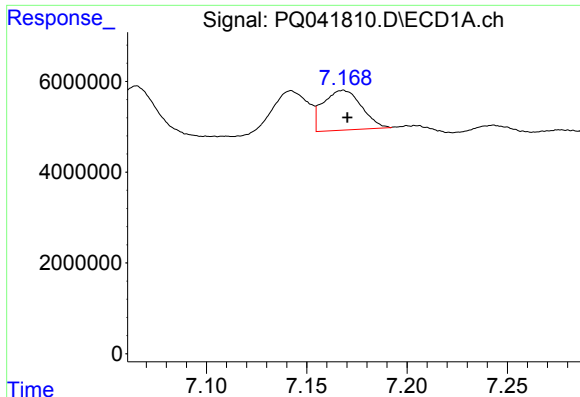
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

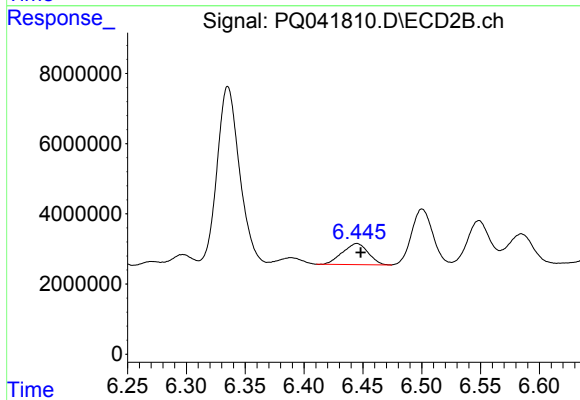
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 14039990
Conc: 246.20 ng/ml



#13 AR-1232-3

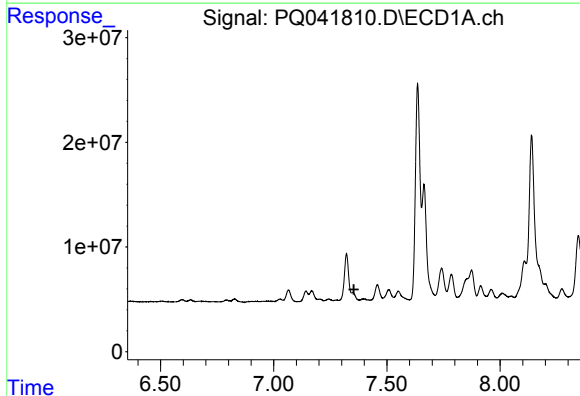
R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 11695414
Conc: 175.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



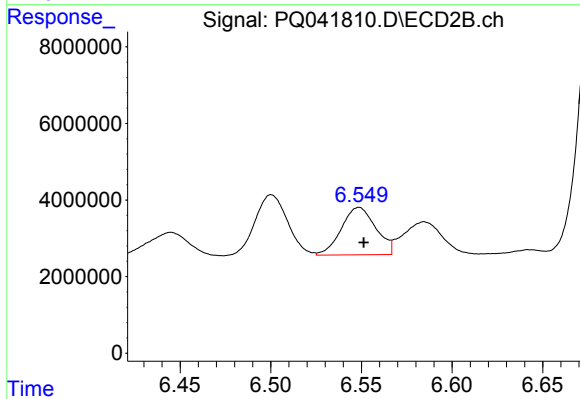
#13 AR-1232-3

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 9132760
Conc: 306.27 ng/ml



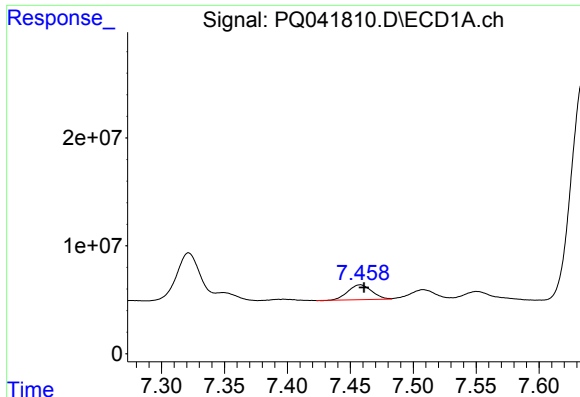
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.354 min
Response: 0
Conc: N.D.



#14 AR-1232-4

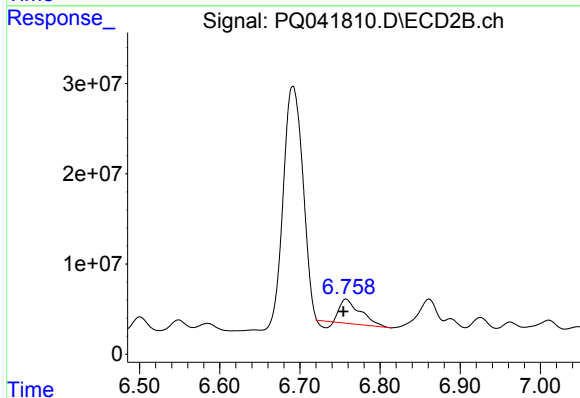
R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 16432671
Conc: 615.53 ng/ml



#15 AR-1232-5

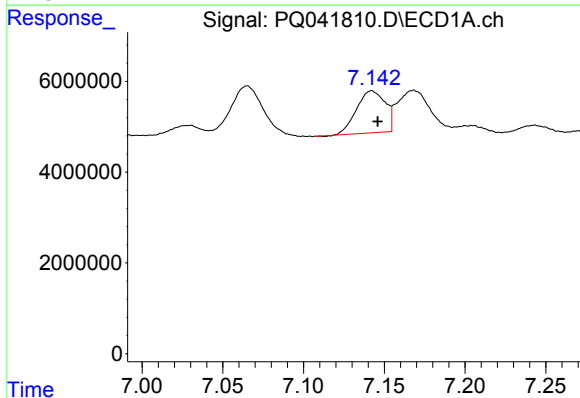
R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 18065680
Conc: 840.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



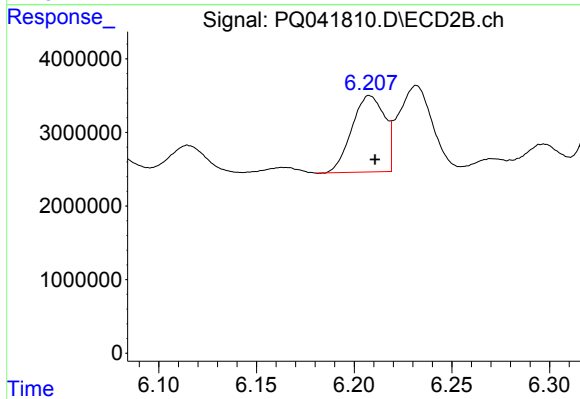
#15 AR-1232-5

R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 44011586
Conc: 1500.76 ng/ml



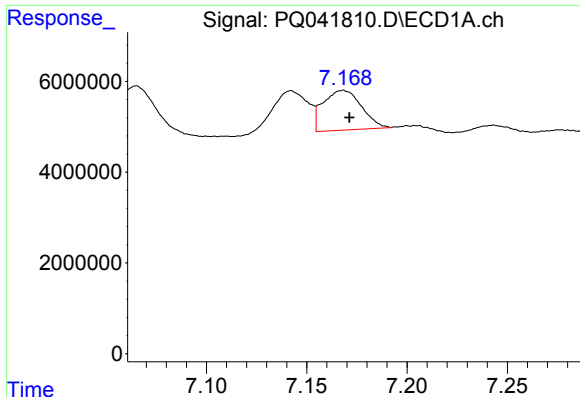
#16 AR-1242-1

R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 11363615
Conc: 127.04 ng/ml



#16 AR-1242-1

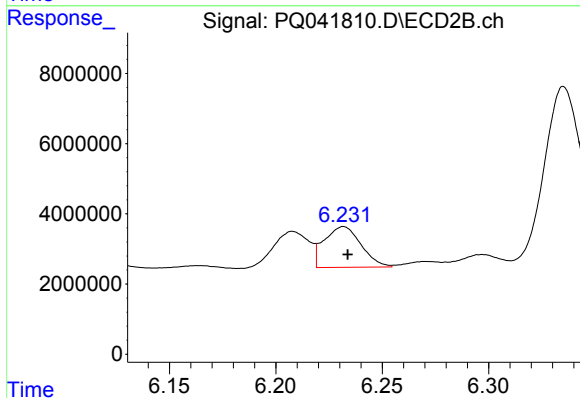
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 12051945
Conc: 147.26 ng/ml



#17 AR-1242-2

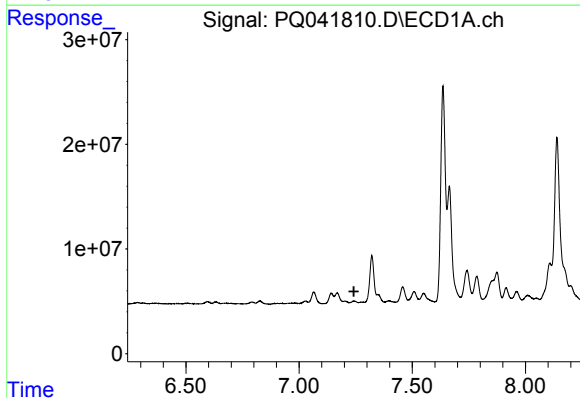
R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 11695414
Conc: 90.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



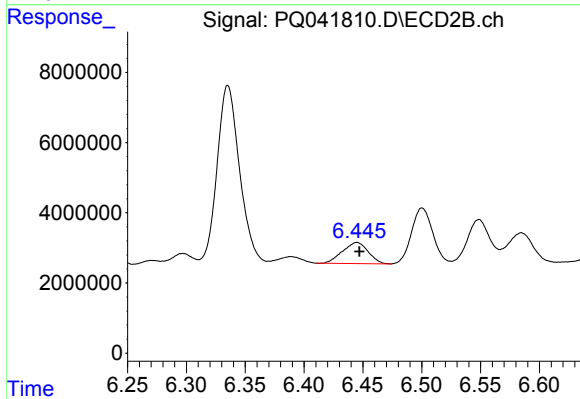
#17 AR-1242-2

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 14039990
Conc: 124.32 ng/ml



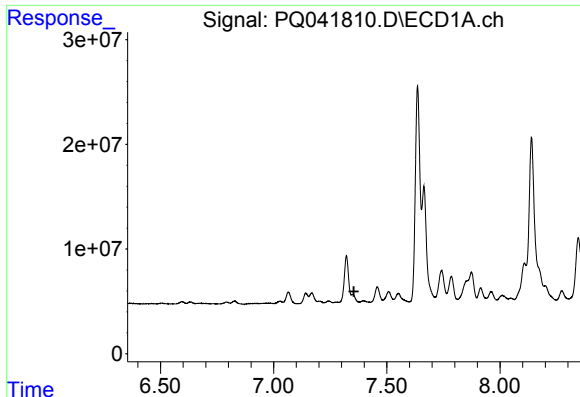
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

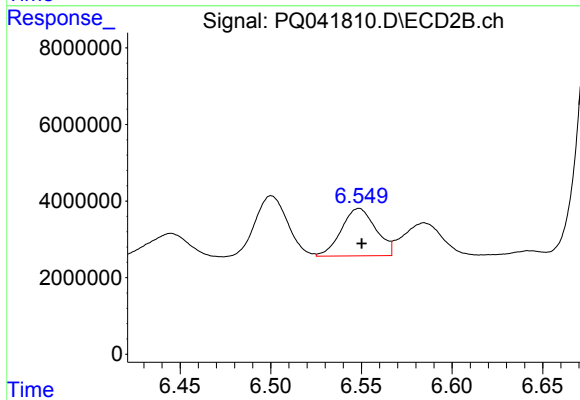
R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 9132760
Conc: 154.60 ng/ml



#19 AR-1242-4

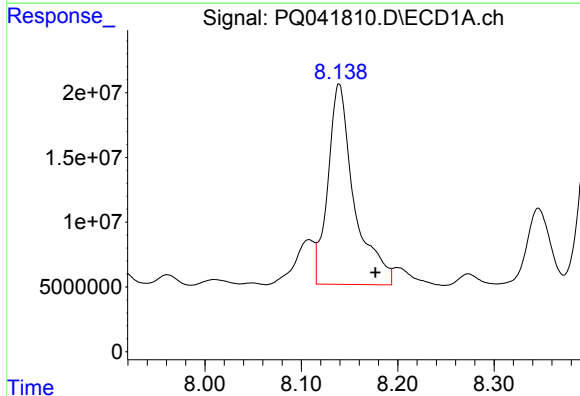
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



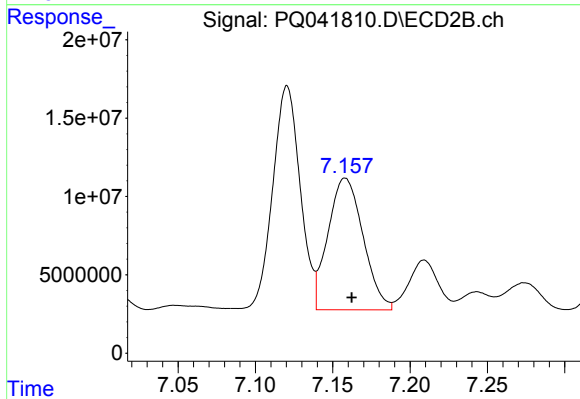
#19 AR-1242-4

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 16432671
Conc: 277.12 ng/ml



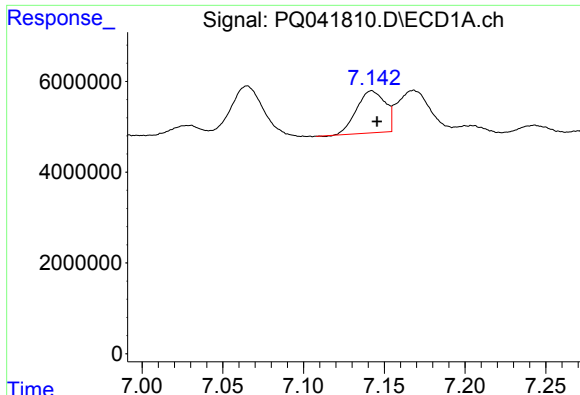
#20 AR-1242-5

R.T.: 8.139 min
Delta R.T.: -0.037 min
Response: 293401718
Conc: 3306.84 ng/ml



#20 AR-1242-5

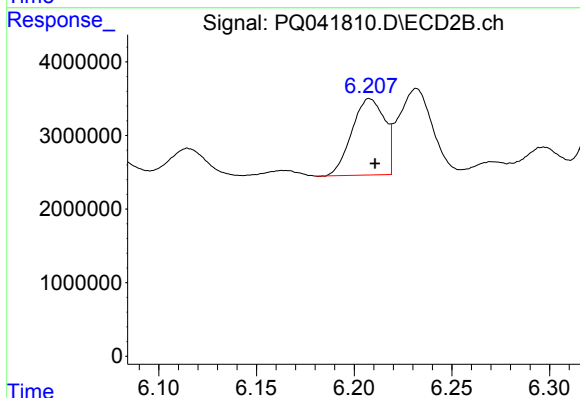
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 132649241
Conc: 1493.89 ng/ml



#21 AR-1248-1

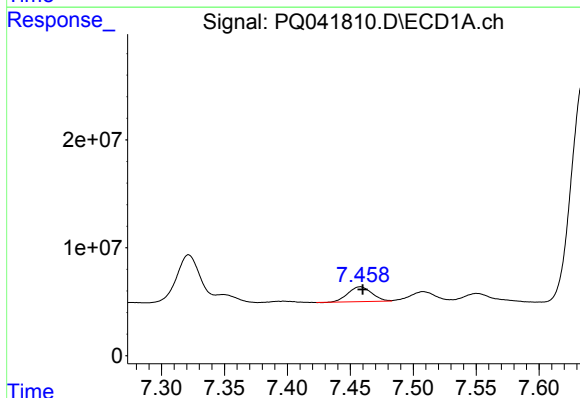
R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 11363615
Conc: 153.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



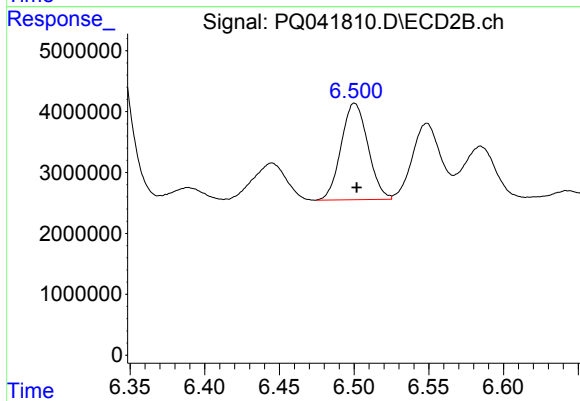
#21 AR-1248-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 12051945
Conc: 181.77 ng/ml



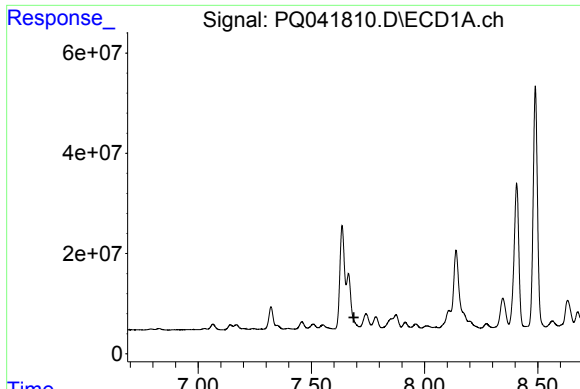
#22 AR-1248-2

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 18065680
Conc: 195.81 ng/ml



#22 AR-1248-2

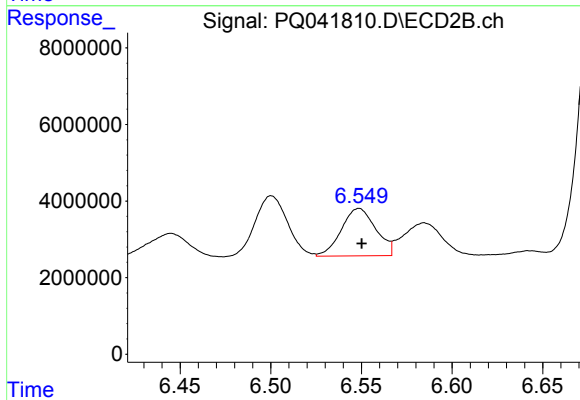
R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 19792367
Conc: 227.01 ng/ml



#23 AR-1248-3

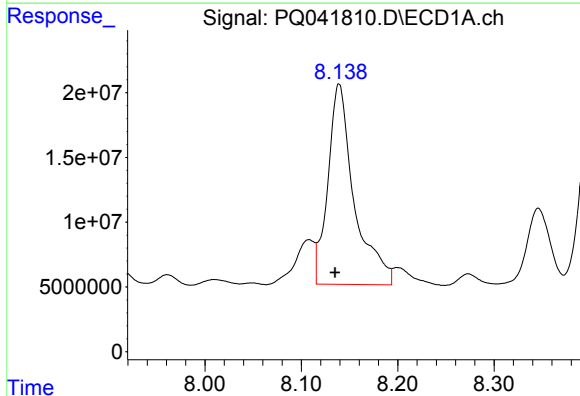
R.T.: 7.664 min
Delta R.T.: -0.024 min
Response: -6575650
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



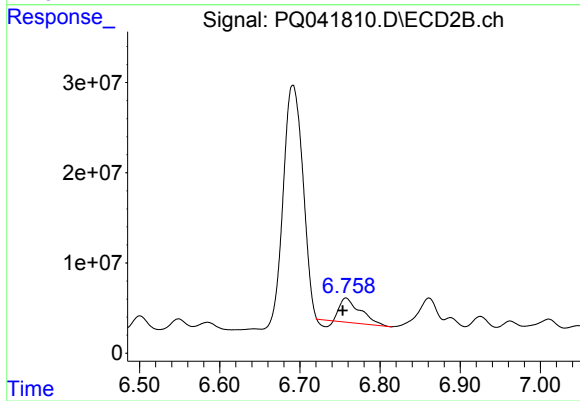
#23 AR-1248-3

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 16432671
Conc: 184.11 ng/ml



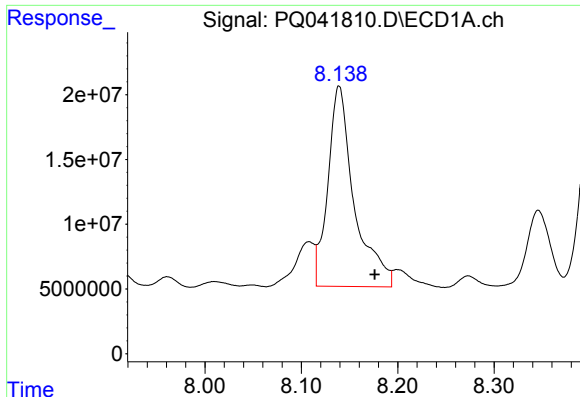
#24 AR-1248-4

R.T.: 8.139 min
Delta R.T.: 0.004 min
Response: 293401718
Conc: 1876.47 ng/ml



#24 AR-1248-4

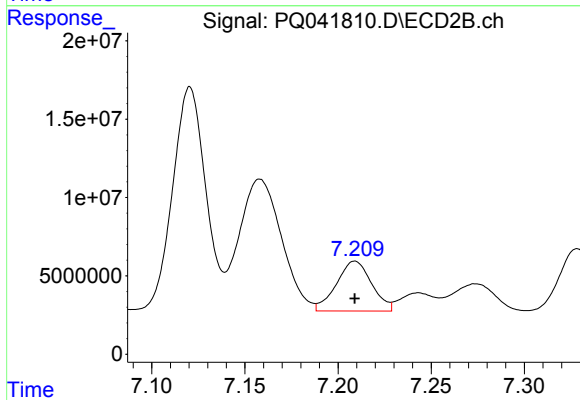
R.T.: 6.757 min
Delta R.T.: 0.004 min
Response: 44011586
Conc: 399.59 ng/ml



#25 AR-1248-5

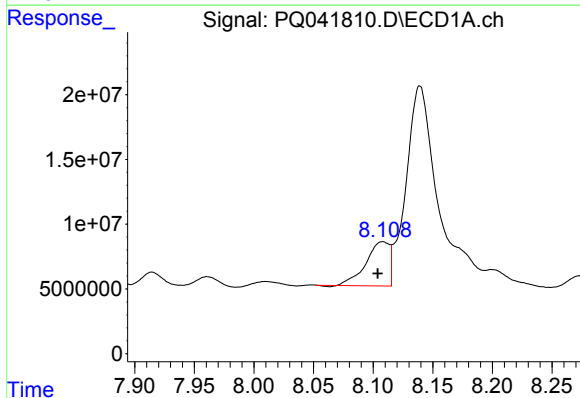
R.T.: 8.139 min
Delta R.T.: -0.037 min
Response: 293401718
Conc: 1938.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



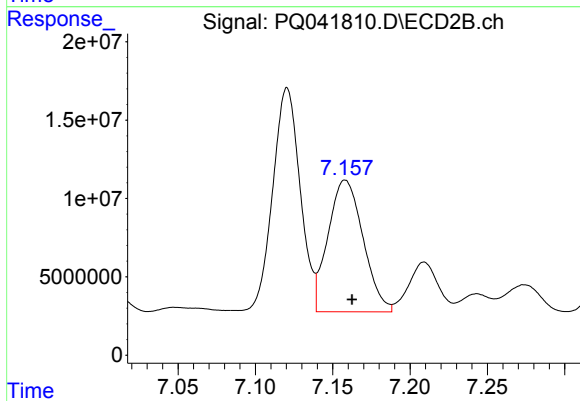
#25 AR-1248-5

R.T.: 7.209 min
Delta R.T.: 0.000 min
Response: 41936638
Conc: 327.18 ng/ml



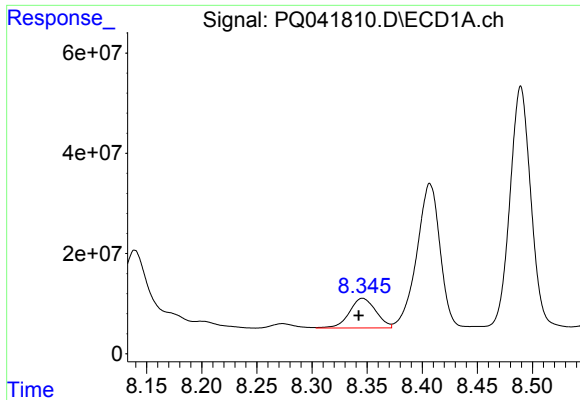
#26 AR-1254-1

R.T.: 8.108 min
Delta R.T.: 0.004 min
Response: 46863165
Conc: 336.87 ng/ml



#26 AR-1254-1

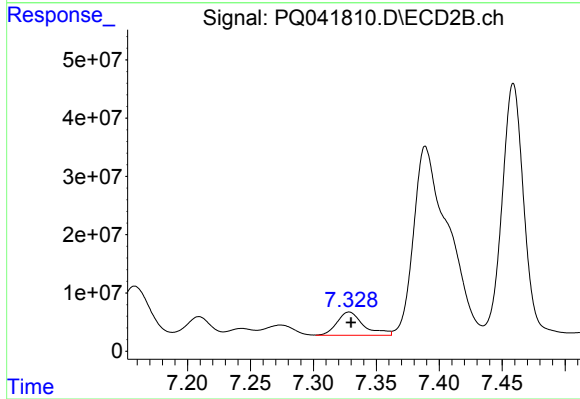
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 132649241
Conc: 725.32 ng/ml



#27 AR-1254-2

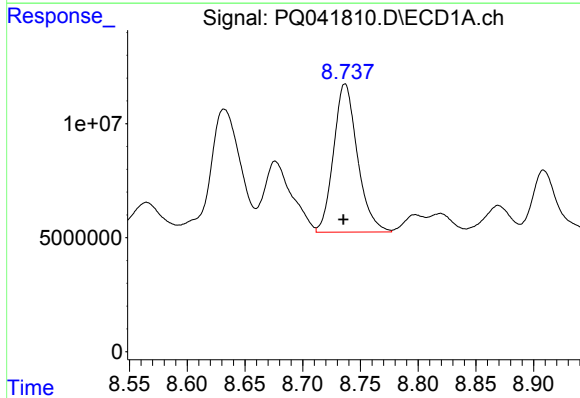
R.T.: 8.346 min
Delta R.T.: 0.004 min
Response: 99237474
Conc: 433.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



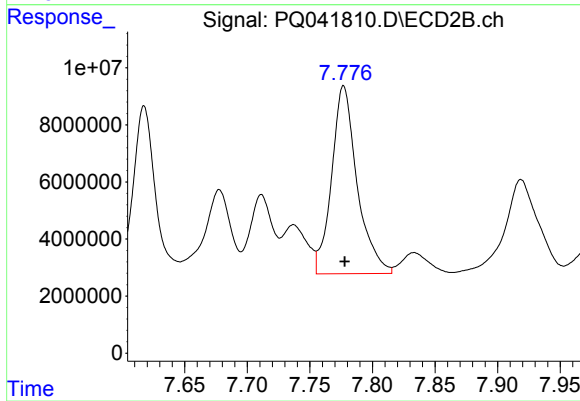
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.001 min
Response: 59075803
Conc: 364.96 ng/ml



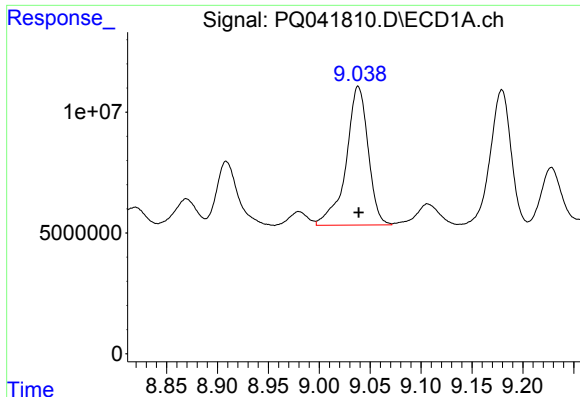
#28 AR-1254-3

R.T.: 8.737 min
Delta R.T.: 0.001 min
Response: 93561229
Conc: 342.18 ng/ml



#28 AR-1254-3

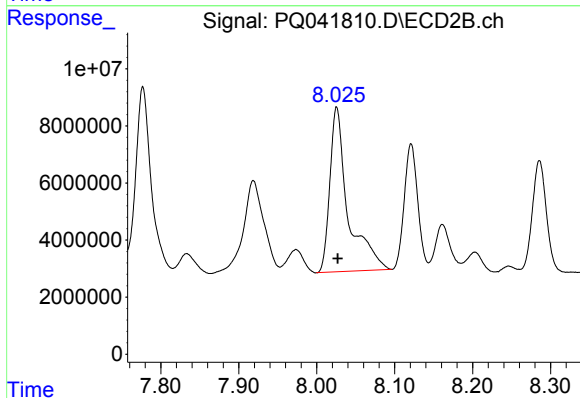
R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 93515706
Conc: 324.25 ng/ml



#29 AR-1254-4

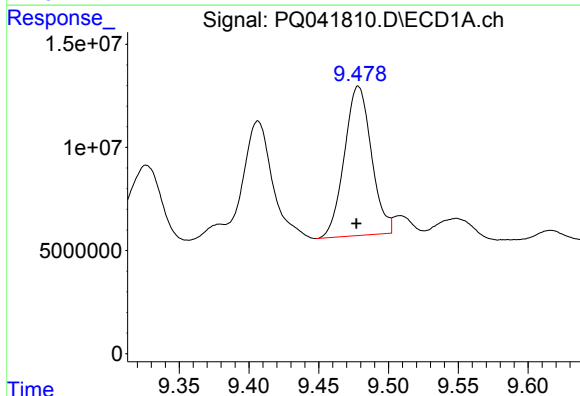
R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 86533735
Conc: 351.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



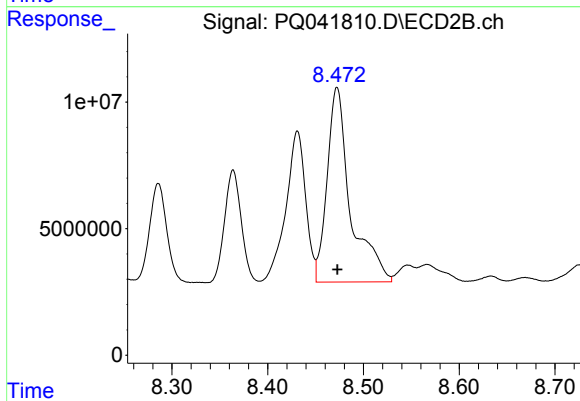
#29 AR-1254-4

R.T.: 8.026 min
Delta R.T.: -0.001 min
Response: 93782973
Conc: 432.04 ng/ml



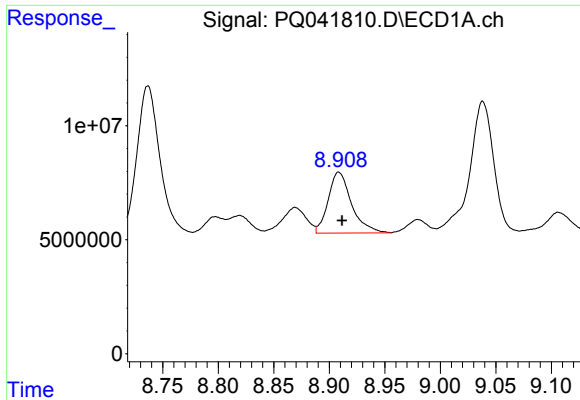
#30 AR-1254-5

R.T.: 9.478 min
Delta R.T.: 0.001 min
Response: 97522198
Conc: 360.07 ng/ml



#30 AR-1254-5

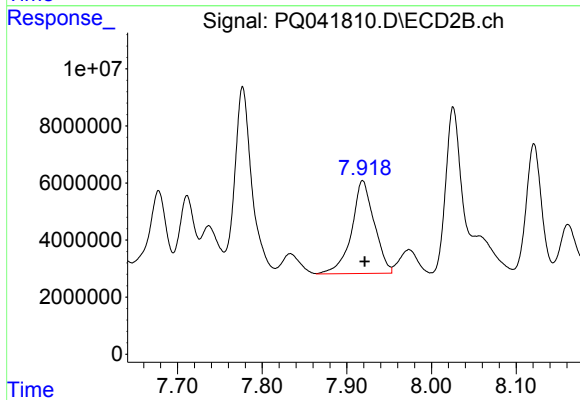
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 130538798
Conc: 434.02 ng/ml



#31 AR-1260-1

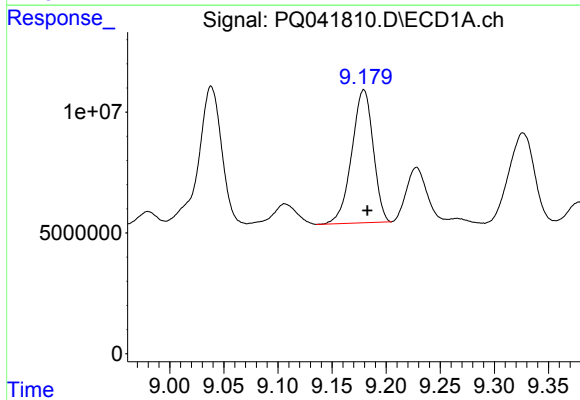
R.T.: 8.909 min
Delta R.T.: -0.003 min
Response: 39121747
Conc: 219.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



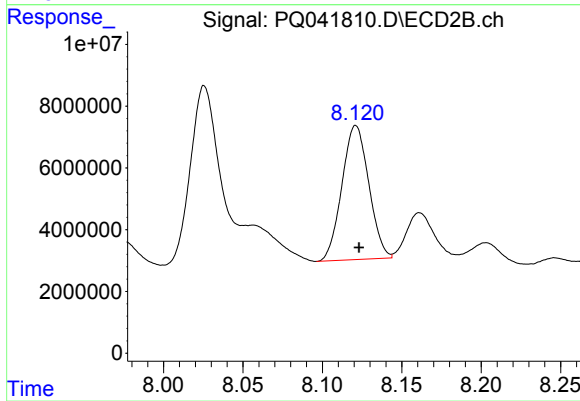
#31 AR-1260-1

R.T.: 7.919 min
Delta R.T.: -0.002 min
Response: 60421822
Conc: 333.03 ng/ml



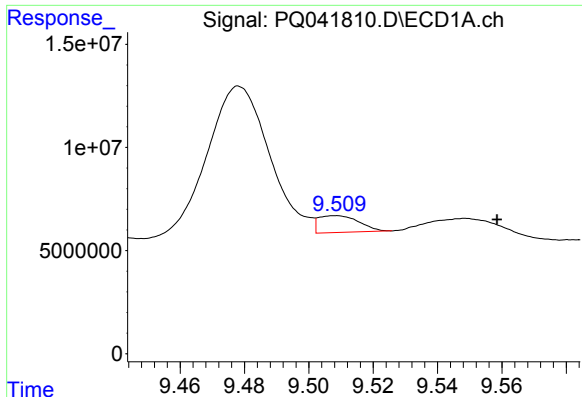
#32 AR-1260-2

R.T.: 9.179 min
Delta R.T.: -0.003 min
Response: 75842288
Conc: 300.63 ng/ml



#32 AR-1260-2

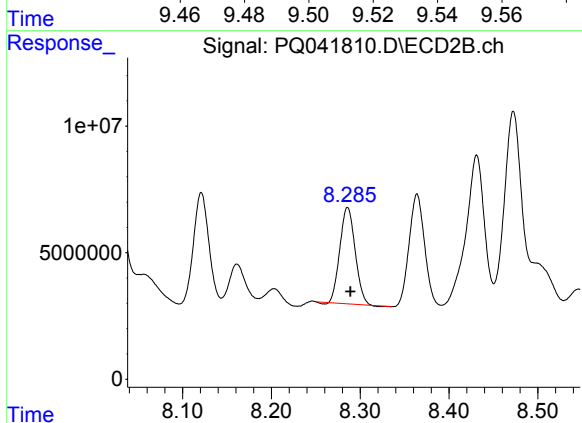
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 51111481
Conc: 208.33 ng/ml



#33 AR-1260-3

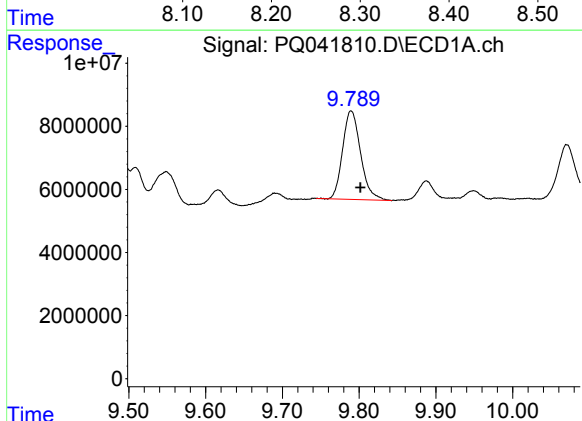
R.T.: 9.508 min
Delta R.T.: -0.050 min
Response: 7138782
Conc: 31.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



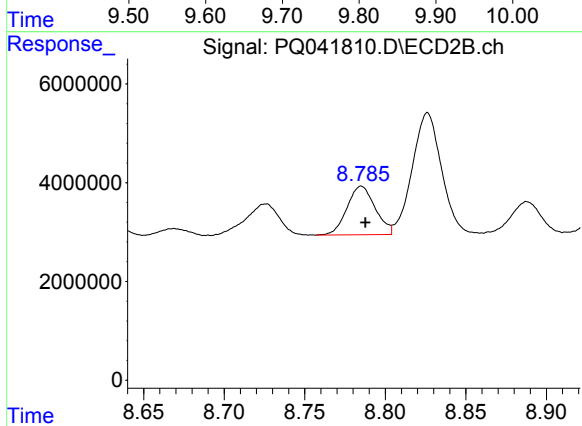
#33 AR-1260-3

R.T.: 8.286 min
Delta R.T.: -0.003 min
Response: 45337095
Conc: 213.07 ng/ml



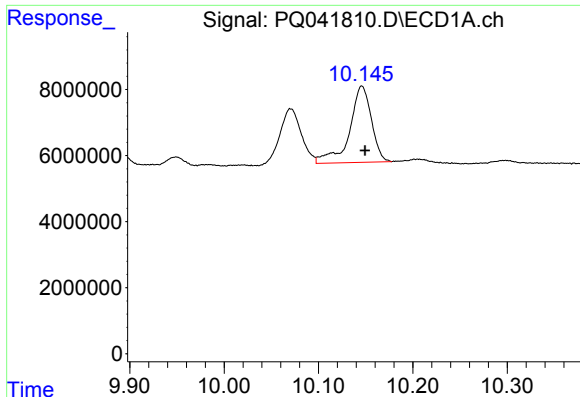
#34 AR-1260-4

R.T.: 9.790 min
Delta R.T.: -0.012 min
Response: 45763756
Conc: 179.23 ng/ml



#34 AR-1260-4

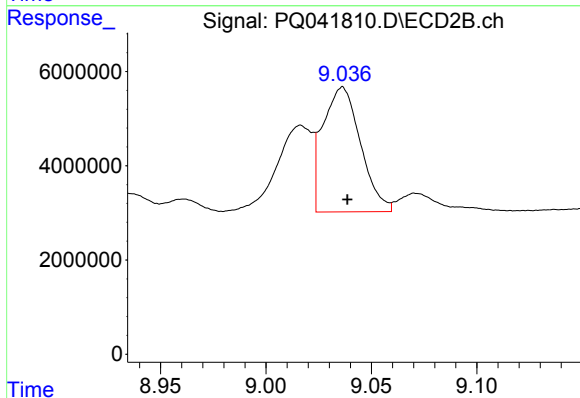
R.T.: 8.785 min
Delta R.T.: -0.003 min
Response: 12001831
Conc: 59.33 ng/ml



#35 AR-1260-5

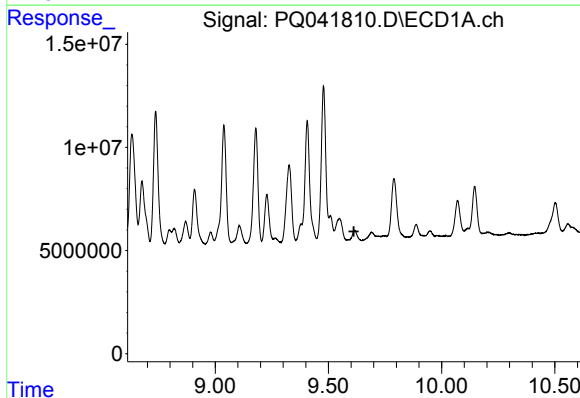
R.T.: 10.146 min
Delta R.T.: -0.003 min
Response: 37241300
Conc: 55.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



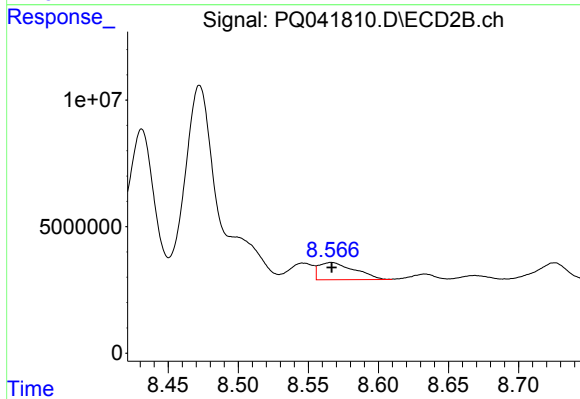
#35 AR-1260-5

R.T.: 9.036 min
Delta R.T.: -0.002 min
Response: 32946294
Conc: 55.82 ng/ml



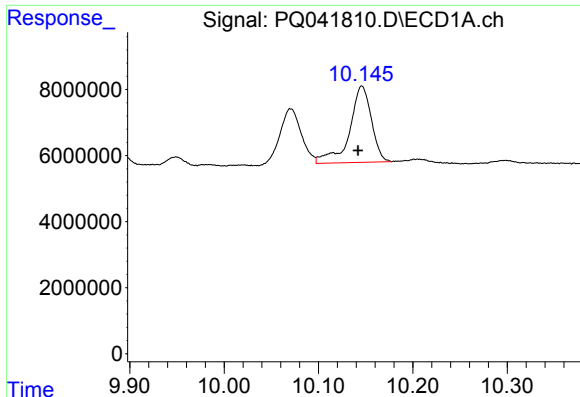
#36 AR-1262-1

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



#36 AR-1262-1

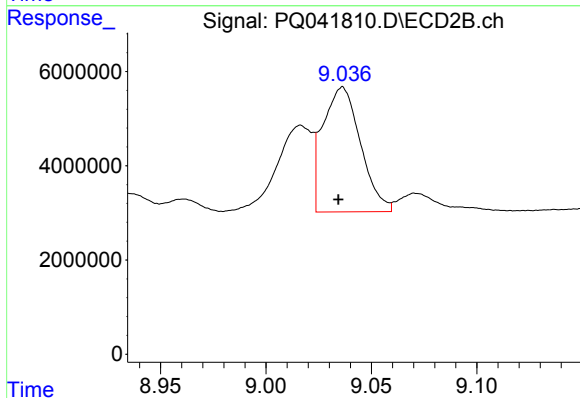
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 12025071
Conc: 83.82 ng/ml



#37 AR-1262-2

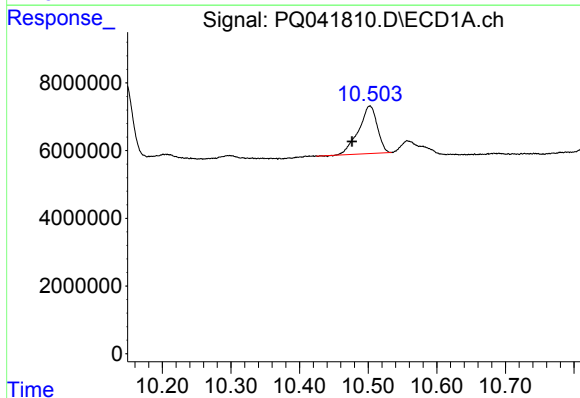
R.T.: 10.146 min
Delta R.T.: 0.004 min
Response: 37241300
Conc: 42.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



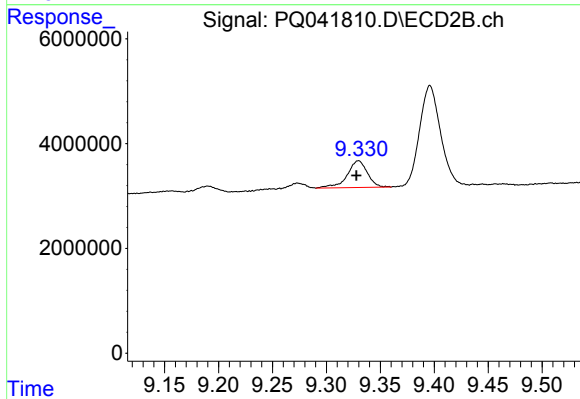
#37 AR-1262-2

R.T.: 9.036 min
Delta R.T.: 0.002 min
Response: 32946294
Conc: 44.46 ng/ml



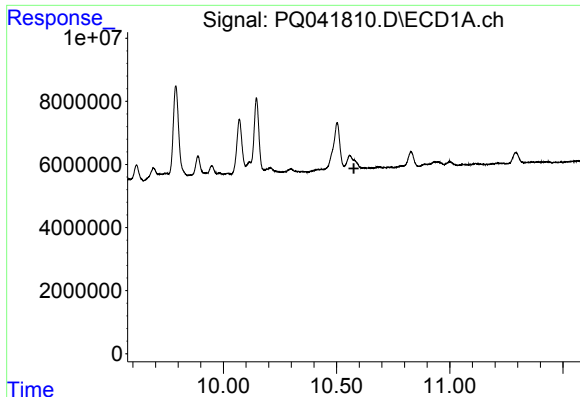
#38 AR-1262-3

R.T.: 10.502 min
Delta R.T.: 0.026 min
Response: 26454486
Conc: 41.66 ng/ml



#38 AR-1262-3

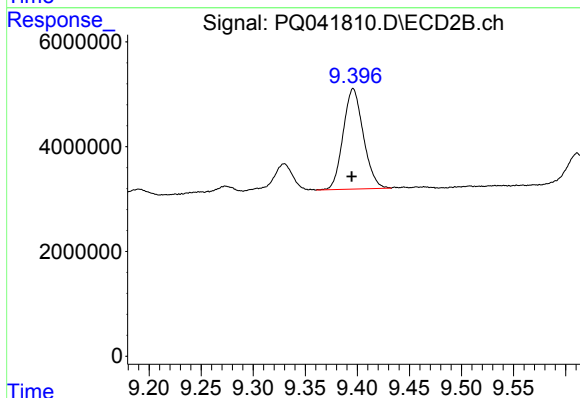
R.T.: 9.330 min
Delta R.T.: 0.002 min
Response: 6659223
Conc: 21.05 ng/ml



#39 AR-1262-4

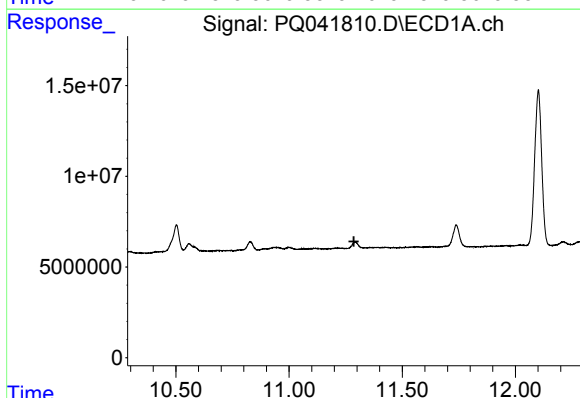
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



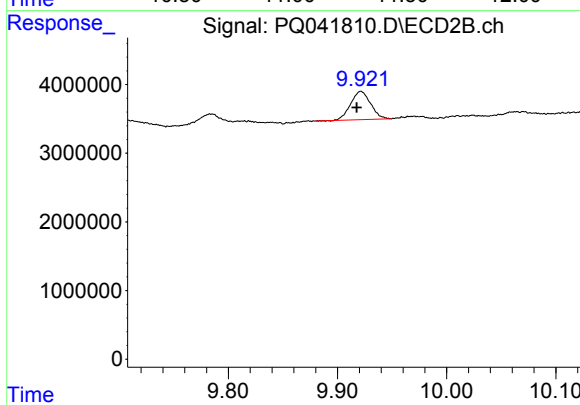
#39 AR-1262-4

R.T.: 9.396 min
Delta R.T.: 0.001 min
Response: 25911791
Conc: 46.08 ng/ml



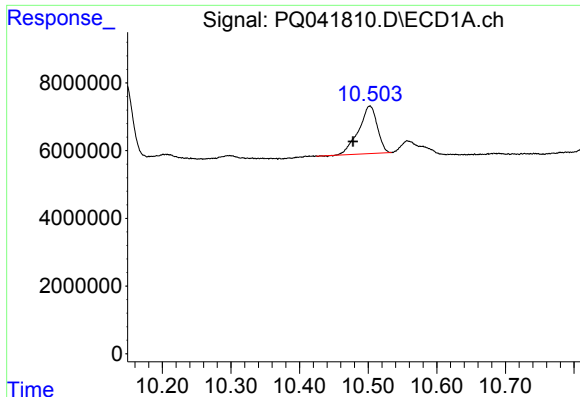
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.286 min
Response: 0
Conc: N.D.



#40 AR-1262-5

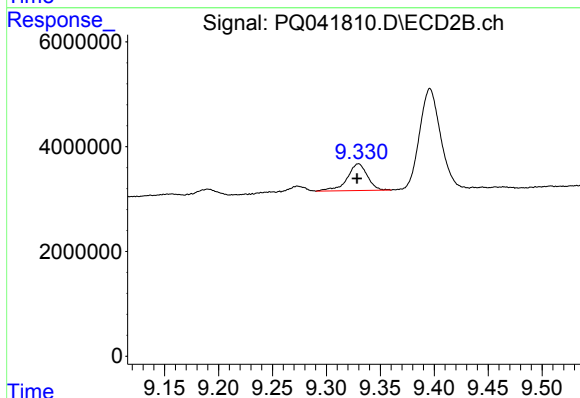
R.T.: 9.921 min
Delta R.T.: 0.004 min
Response: 5220056
Conc: 18.28 ng/ml



#41 AR-1268-1

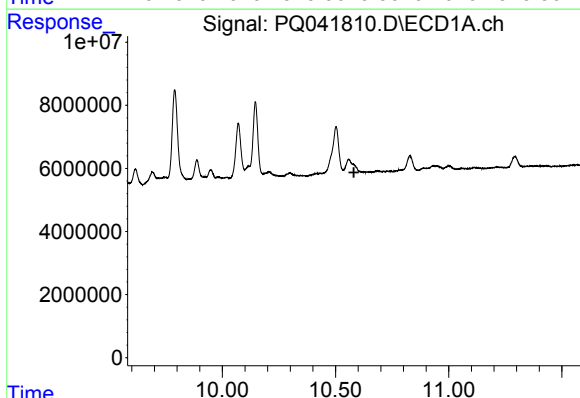
R.T.: 10.502 min
Delta R.T.: 0.025 min
Response: 26454486
Conc: 18.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



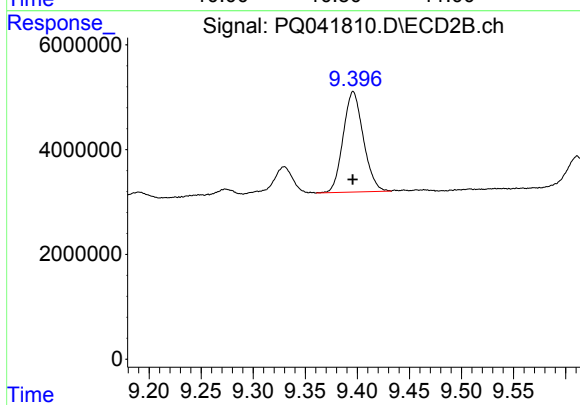
#41 AR-1268-1

R.T.: 9.330 min
Delta R.T.: 0.001 min
Response: 6659223
Conc: 5.83 ng/ml



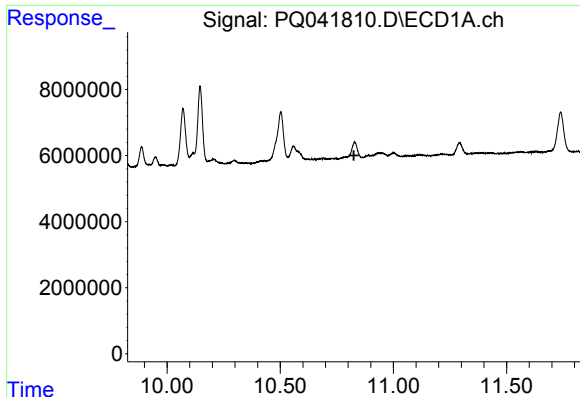
#42 AR-1268-2

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



#42 AR-1268-2

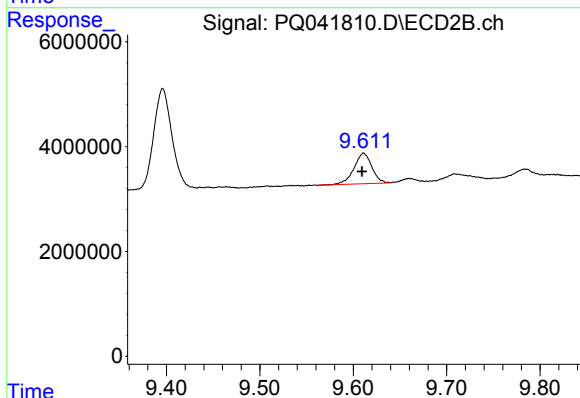
R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 25911791
Conc: 25.24 ng/ml



#43 AR-1268-3

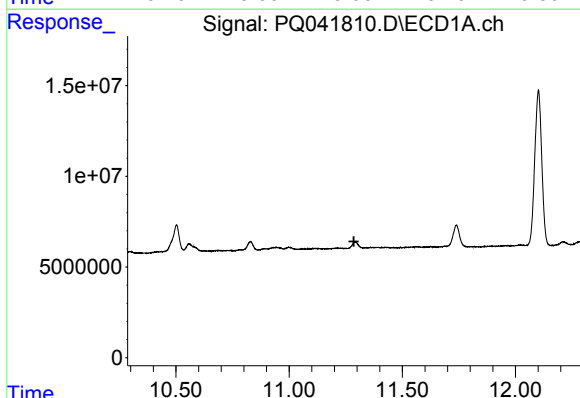
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



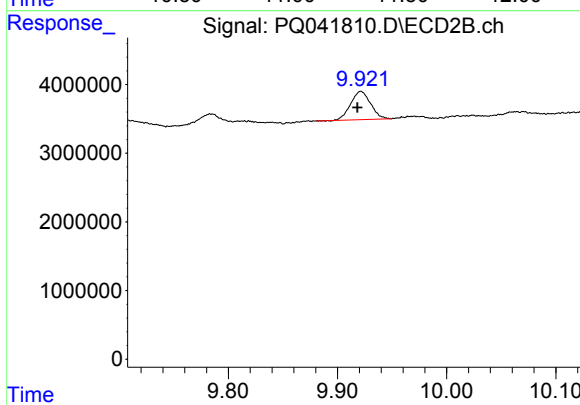
#43 AR-1268-3

R.T.: 9.611 min
Delta R.T.: 0.002 min
Response: 7744860
Conc: 8.91 ng/ml



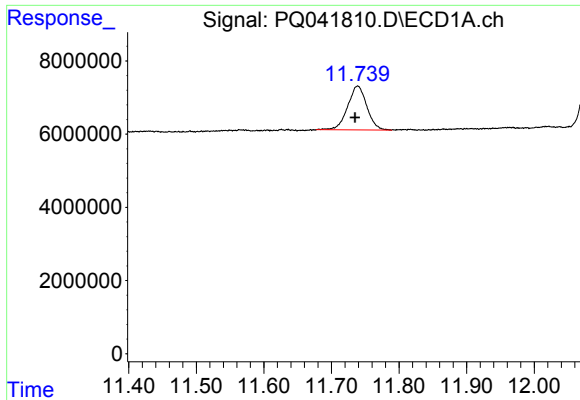
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.286 min
Response: 0
Conc: N.D.



#44 AR-1268-4

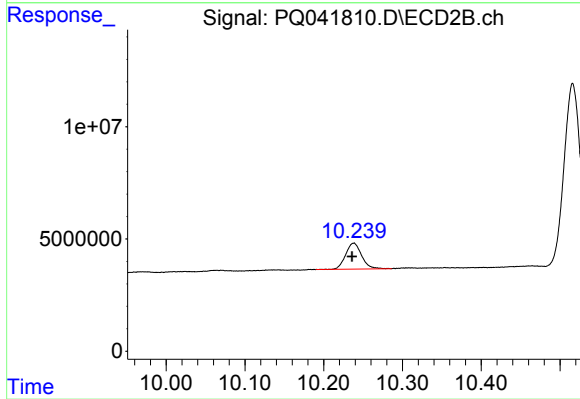
R.T.: 9.921 min
Delta R.T.: 0.003 min
Response: 5220056
Conc: 13.57 ng/ml



#45 AR-1268-5

R.T.: 11.739 min
Delta R.T.: 0.004 min
Response: 23411999
Conc: 5.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.002 min
Response: 16190196
Conc: 6.23 ng/ml