

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 04:23
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 08:26:16 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	4.756	69293664	62199454	30.215	32.274
2) SA Decachlor...	12.094	10.511	385.2E6	250.7E6	45.687	51.827
Target Compounds						
3) L1 AR-1016-1	7.142	6.208	38647115	38505526	357.565	371.069
4) L1 AR-1016-2	7.167	6.230	47657746	41204644	304.469	287.603
5) L1 AR-1016-3	7.238	6.445	24126941	24667368	249.431	330.786 #
6) L1 AR-1016-4	7.350	6.498	25829954	44254065	331.093	713.657 #
7) L1 AR-1016-5	7.684	6.751	63822660	59657801	811.888	732.866
9) L2 AR-1221-2	0.000	5.179	0	1703354	N.D.	106.661 #
10) L2 AR-1221-3	0.000	5.284	0	5224348	N.D.	95.803 #
11) L3 AR-1232-1	0.000	5.284	0	5224348	N.D.	108.192 #
12) L3 AR-1232-2	6.825	6.230	16627171	41204644	506.051	722.536 #
13) L3 AR-1232-3	7.167	6.445	47657746	24667368	713.830	827.222
14) L3 AR-1232-4	7.350	6.548	25829954	50708233	805.258	1899.420 #
15) L3 AR-1232-5	7.456	6.751	52830108	59657801	2458.327	2034.287
16) L4 AR-1242-1	7.142	6.208	38647115	38505526	432.057	470.499
17) L4 AR-1242-2	7.167	6.230	47657746	41204644	370.614	364.844
18) L4 AR-1242-3	7.238	6.445	24126941	24667368	297.546	417.577 #
19) L4 AR-1242-4	7.350	6.548	25829954	50708233	401.787	855.152 #
20) L4 AR-1242-5	8.173	7.160	82277386	113.2E6	927.322	1274.612 #
21) L5 AR-1248-1	7.142	6.208	38647115	38505526	521.300	580.743
22) L5 AR-1248-2	7.456	6.498	52830108	44254065	572.602	507.572
23) L5 AR-1248-3	7.684	6.548	63822660	50708233	569.635	568.123
24) L5 AR-1248-4	8.132	6.751	87097139	59657801	557.036	541.647
25) L5 AR-1248-5	8.173	7.206	82277386	86384491	543.719	673.959
26) L6 AR-1254-1	8.100	7.160	67431811	113.2E6	484.721	618.850 #
27) L6 AR-1254-2	8.343	7.327	82619212	41199345	360.967	254.519 #
28) L6 AR-1254-3	8.734	7.774	57335808	49667515	209.694	172.213
29) L6 AR-1254-4	9.035	8.023	37928991	36500199	154.073	168.147
30) L6 AR-1254-5	0.000	8.469	0	10679574	N.D.	35.508 #
31) L7 AR-1260-1	8.865	7.932	44161611	26083884	248.259	143.769 #
32) L7 AR-1260-2	0.000	8.117	0	8060330	N.D.	32.854 #
33) L7 AR-1260-3	0.000	8.283	0	6638094	N.D.	31.197 #
34) L7 AR-1260-4	0.000	8.782	0	1446297	N.D.	7.150 #
35) L7 AR-1260-5	0.000	9.032	0	5050632	N.D.	8.557 #
36) L8 AR-1262-1	0.000	8.572	0	1657046	N.D.	11.550 #
37) L8 AR-1262-2	0.000	9.032	0	5050632	N.D.	6.815 #
38) L8 AR-1262-3	0.000	9.326	0	1946140	N.D.	6.151 #
39) L8 AR-1262-4	0.000	9.392	0	3675770	N.D.	6.536 #
40) L8 AR-1262-5	0.000	9.917	0	1118539	N.D.	3.916 #
41) L9 AR-1268-1	0.000	9.326	0	1946140	N.D.	1.702 #
42) L9 AR-1268-2	0.000	9.392	0	3675770	N.D.	3.581 #
43) L9 AR-1268-3	0.000	9.606	0	2039732	N.D.	2.347 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 04:23
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

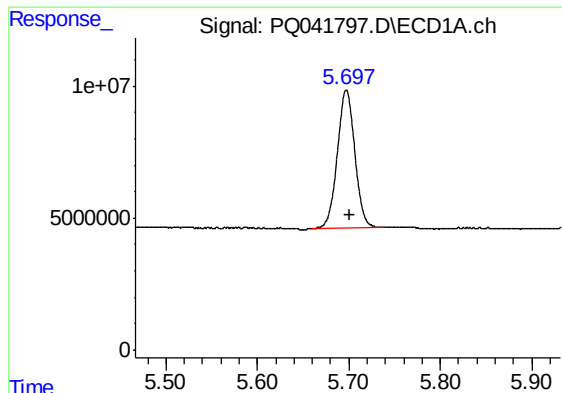
Instrument :
 ECD_Q
 ClientSampleId :
 AR1248320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 08:26:16 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	9.917	0	1118539	N.D.	2.908 #
45) L9	AR-1268-5	0.000	10.233	0	2259381	N.D.	0.870 #

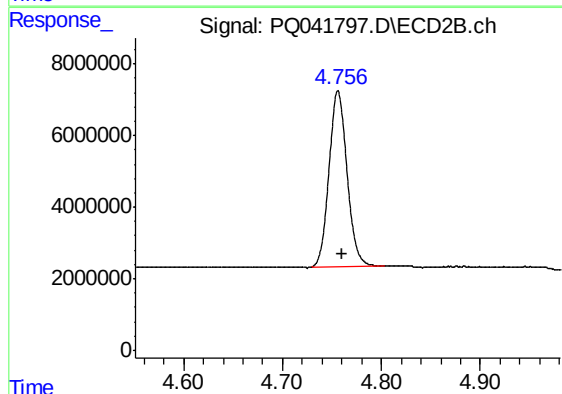
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

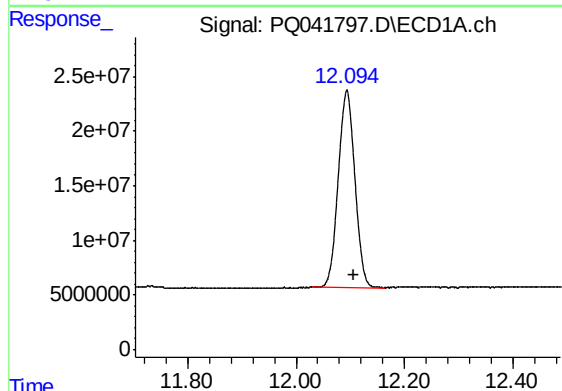
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 69293664
Conc: 30.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



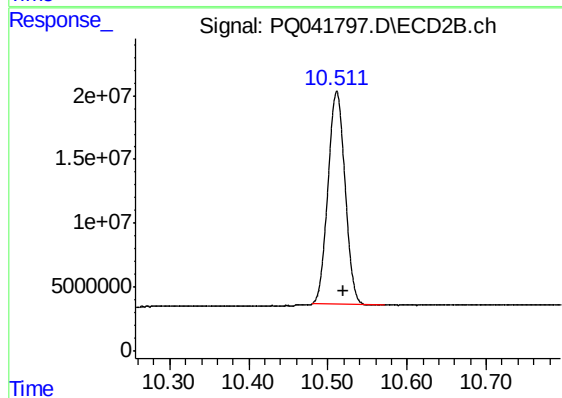
#1 Tetrachloro-m-xylene

R.T.: 4.756 min
Delta R.T.: -0.004 min
Response: 62199454
Conc: 32.27 ng/ml



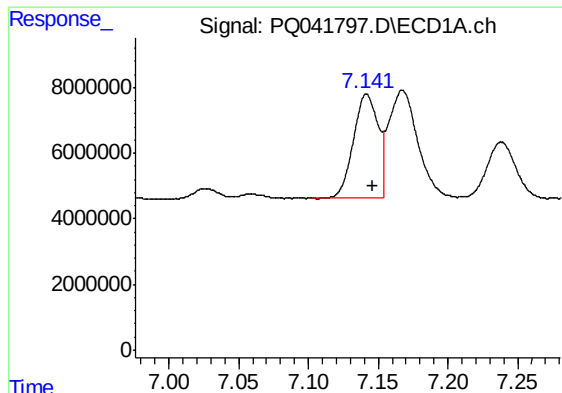
#2 Decachlorobiphenyl

R.T.: 12.094 min
Delta R.T.: -0.012 min
Response: 385197964
Conc: 45.69 ng/ml



#2 Decachlorobiphenyl

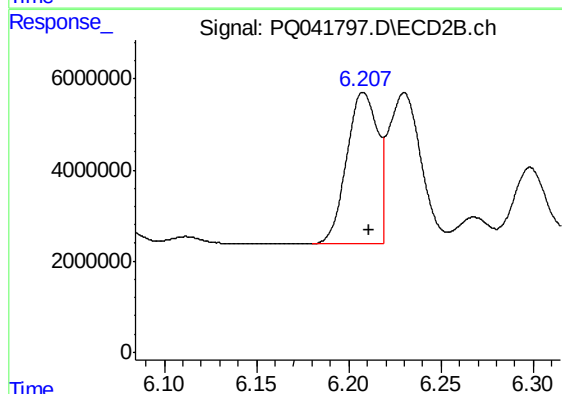
R.T.: 10.511 min
Delta R.T.: -0.009 min
Response: 250706200
Conc: 51.83 ng/ml



#3 AR-1016-1

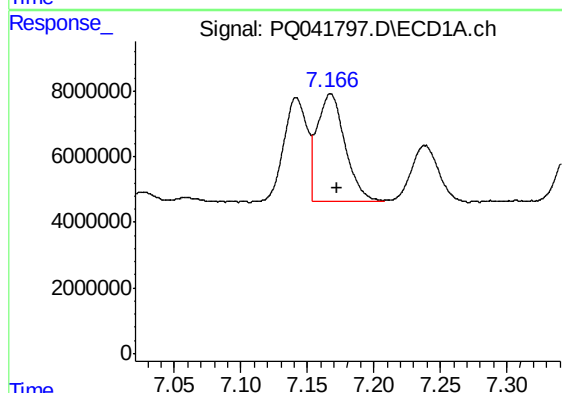
R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 38647115
Conc: 357.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



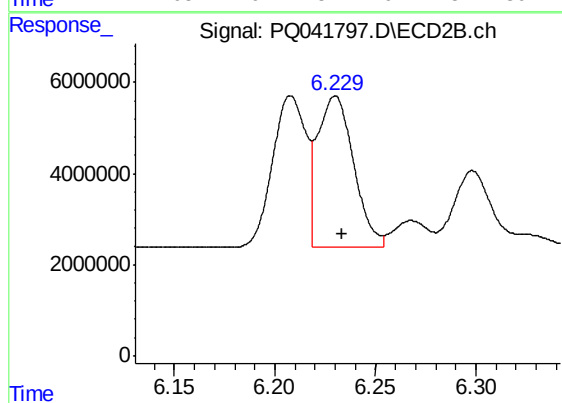
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 38505526
Conc: 371.07 ng/ml



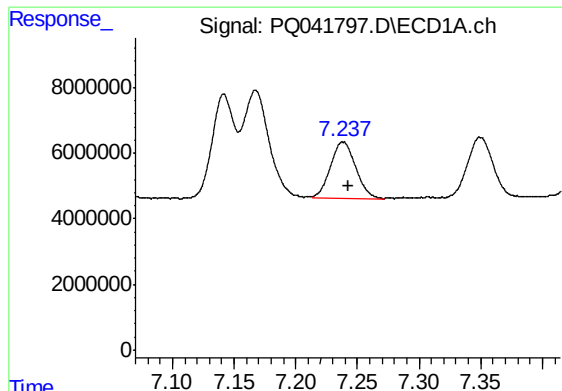
#4 AR-1016-2

R.T.: 7.167 min
Delta R.T.: -0.005 min
Response: 47657746
Conc: 304.47 ng/ml



#4 AR-1016-2

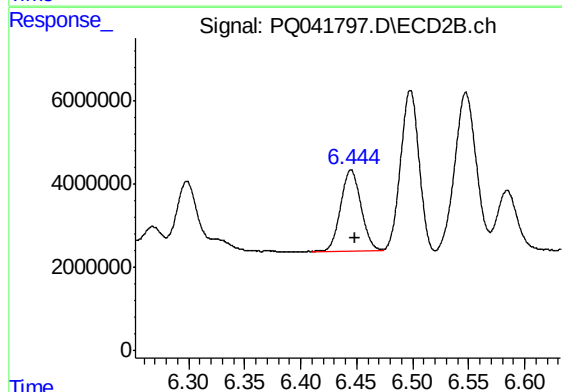
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 41204644
Conc: 287.60 ng/ml



#5 AR-1016-3

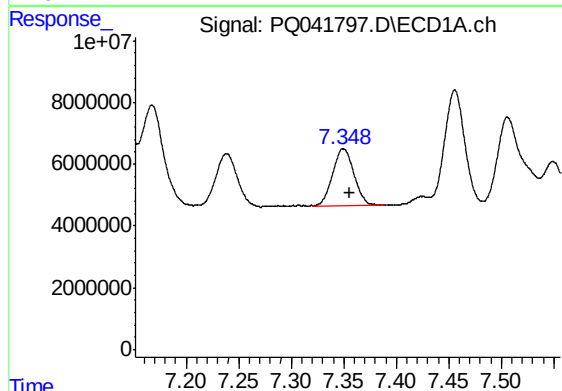
R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 24126941
Conc: 249.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



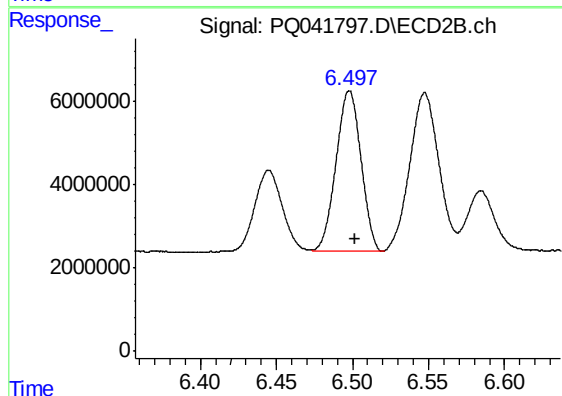
#5 AR-1016-3

R.T.: 6.445 min
Delta R.T.: -0.004 min
Response: 24667368
Conc: 330.79 ng/ml



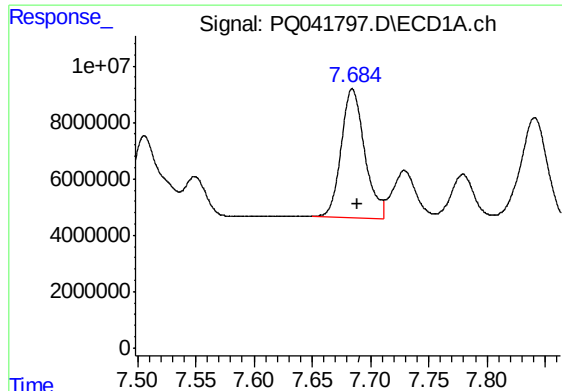
#6 AR-1016-4

R.T.: 7.350 min
Delta R.T.: -0.006 min
Response: 25829954
Conc: 331.09 ng/ml



#6 AR-1016-4

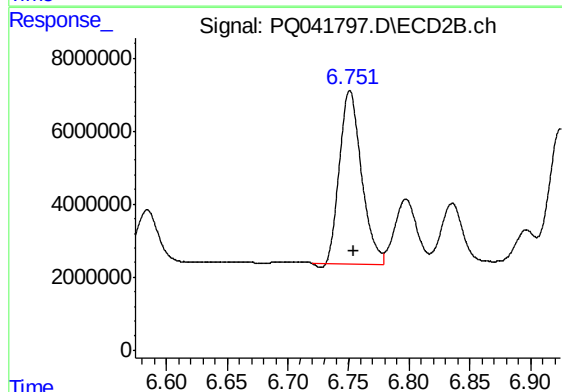
R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 44254065
Conc: 713.66 ng/ml



#7 AR-1016-5

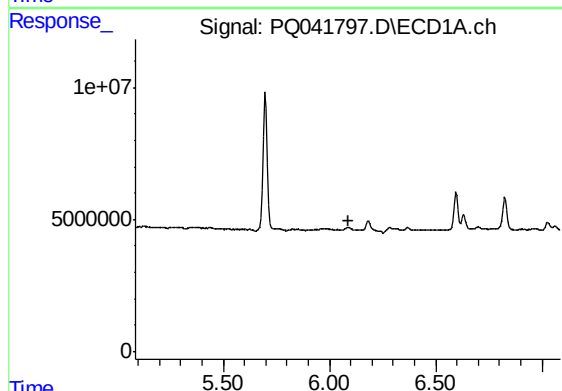
R.T.: 7.684 min
Delta R.T.: -0.005 min
Response: 63822660
Conc: 811.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



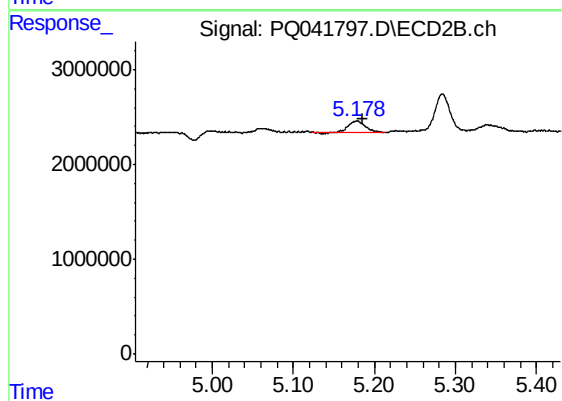
#7 AR-1016-5

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 59657801
Conc: 732.87 ng/ml



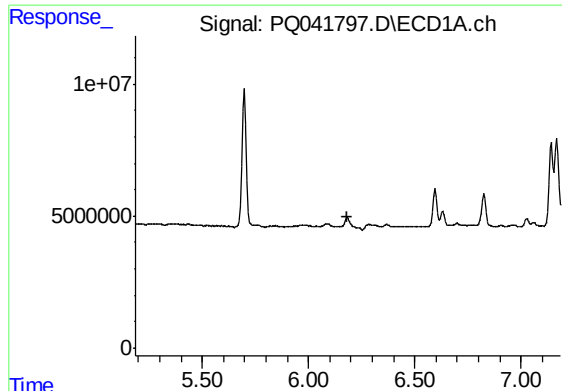
#9 AR-1221-2

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



#9 AR-1221-2

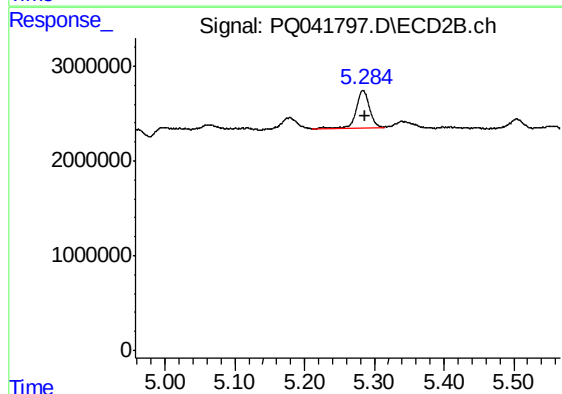
R.T.: 5.179 min
Delta R.T.: -0.007 min
Response: 1703354
Conc: 106.66 ng/ml



#10 AR-1221-3

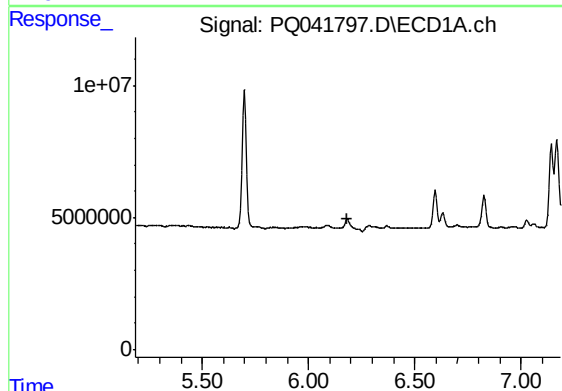
R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



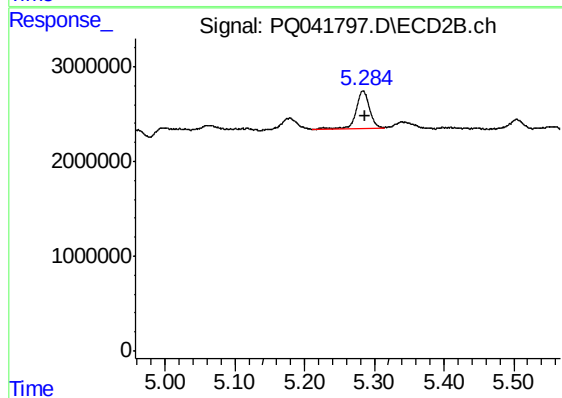
#10 AR-1221-3

R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 5224348
Conc: 95.80 ng/ml



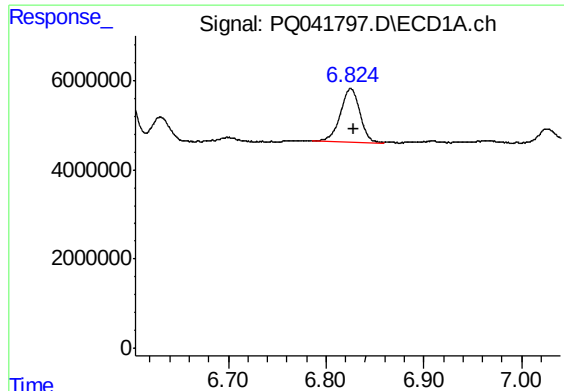
#11 AR-1232-1

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



#11 AR-1232-1

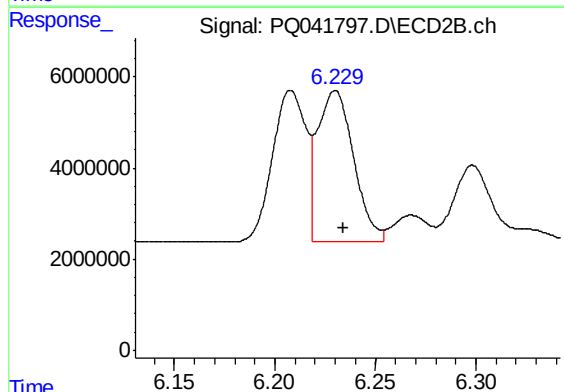
R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 5224348
Conc: 108.19 ng/ml



#12 AR-1232-2

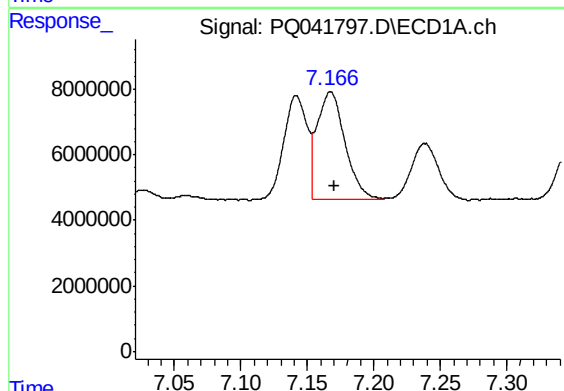
R.T.: 6.825 min
Delta R.T.: -0.003 min
Response: 16627171
Conc: 506.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



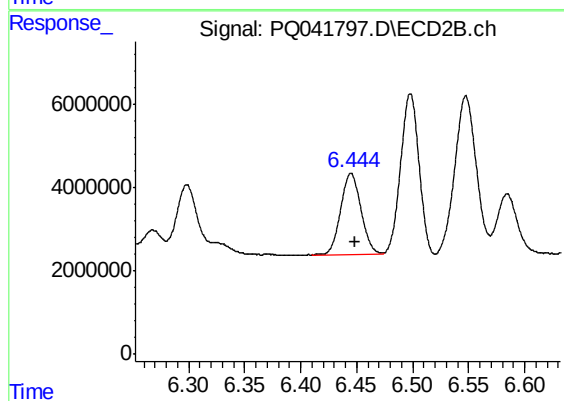
#12 AR-1232-2

R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 41204644
Conc: 722.54 ng/ml



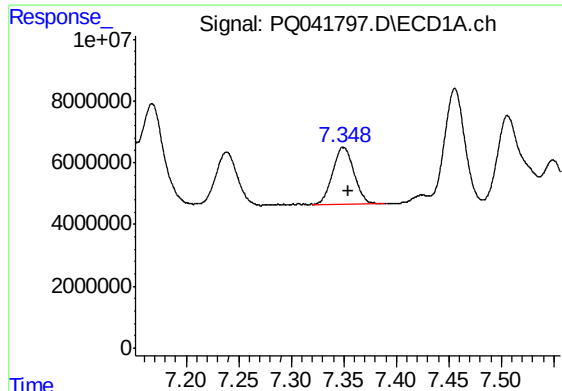
#13 AR-1232-3

R.T.: 7.167 min
Delta R.T.: -0.003 min
Response: 47657746
Conc: 713.83 ng/ml



#13 AR-1232-3

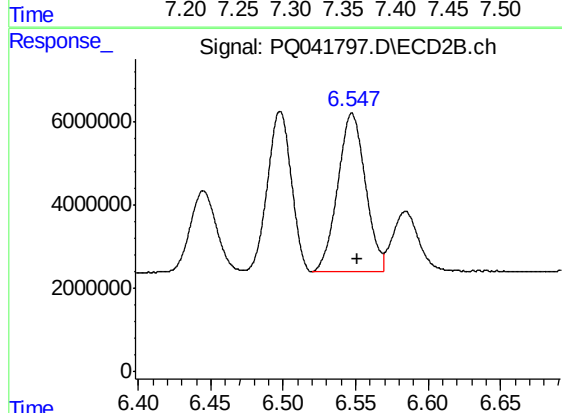
R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 24667368
Conc: 827.22 ng/ml



#14 AR-1232-4

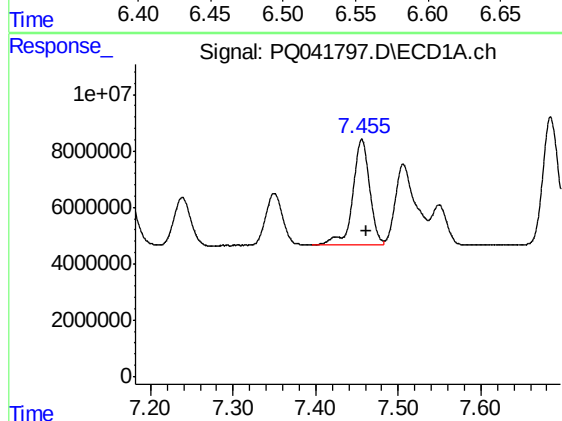
R.T.: 7.350 min
Delta R.T.: -0.004 min
Response: 25829954
Conc: 805.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



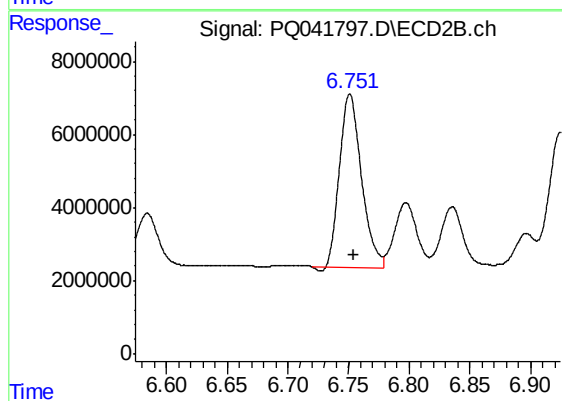
#14 AR-1232-4

R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 50708233
Conc: 1899.42 ng/ml



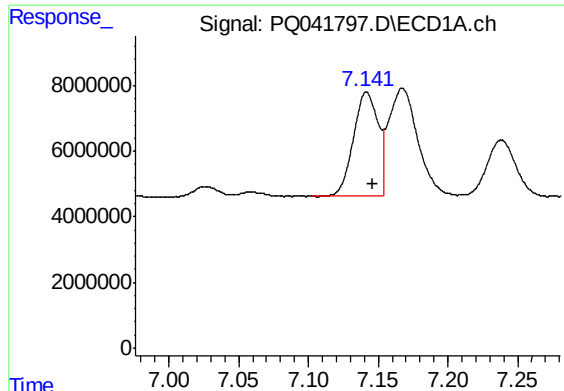
#15 AR-1232-5

R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 52830108
Conc: 2458.33 ng/ml



#15 AR-1232-5

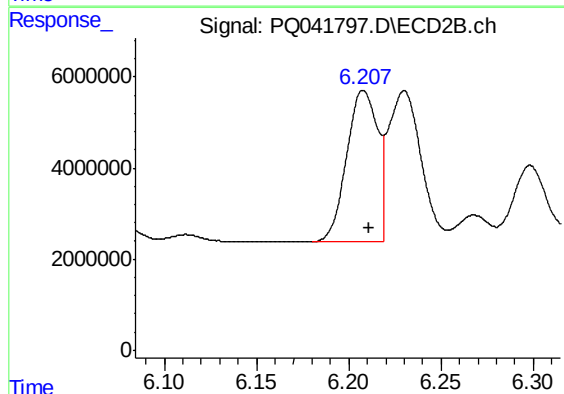
R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 59657801
Conc: 2034.29 ng/ml



#16 AR-1242-1

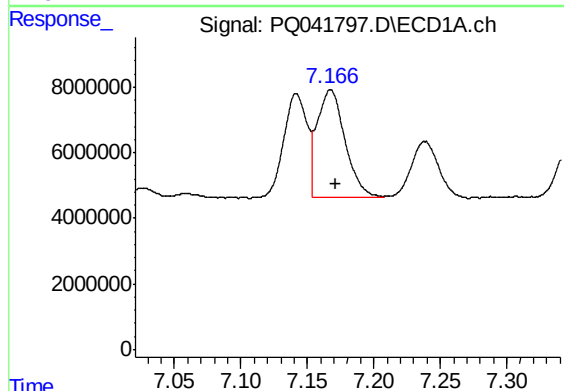
R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 38647115
Conc: 432.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



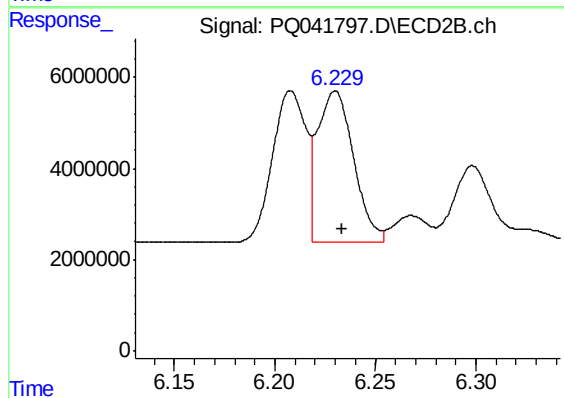
#16 AR-1242-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 38505526
Conc: 470.50 ng/ml



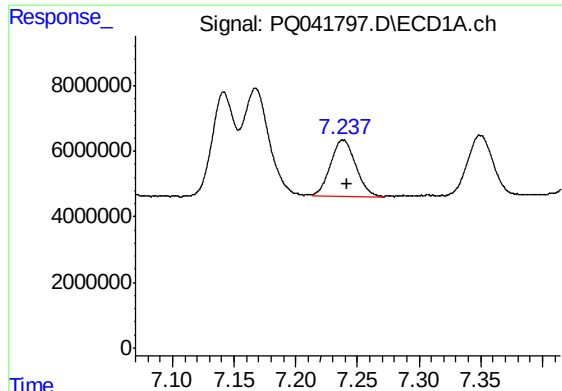
#17 AR-1242-2

R.T.: 7.167 min
Delta R.T.: -0.004 min
Response: 47657746
Conc: 370.61 ng/ml



#17 AR-1242-2

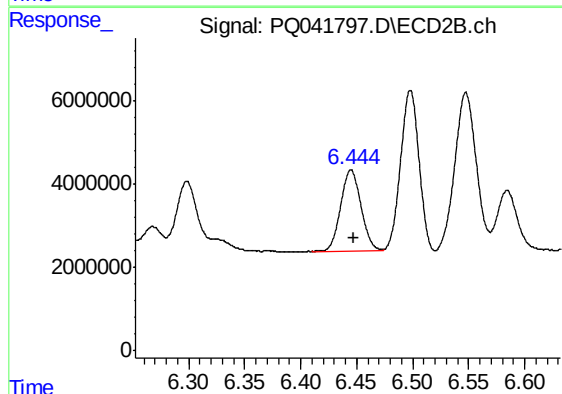
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 41204644
Conc: 364.84 ng/ml



#18 AR-1242-3

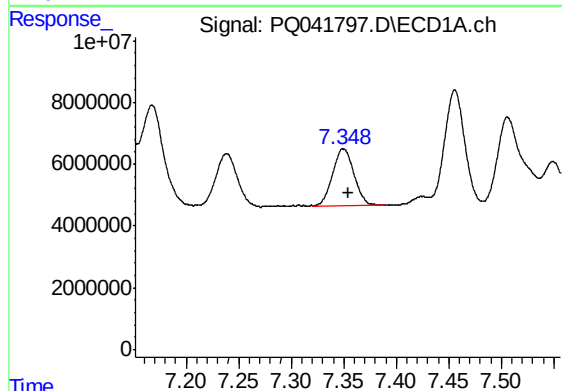
R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 24126941
Conc: 297.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



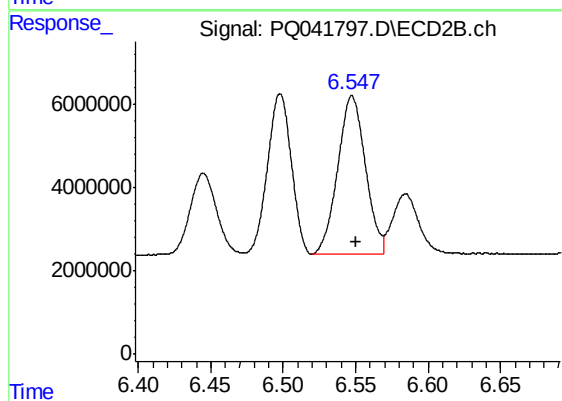
#18 AR-1242-3

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 24667368
Conc: 417.58 ng/ml



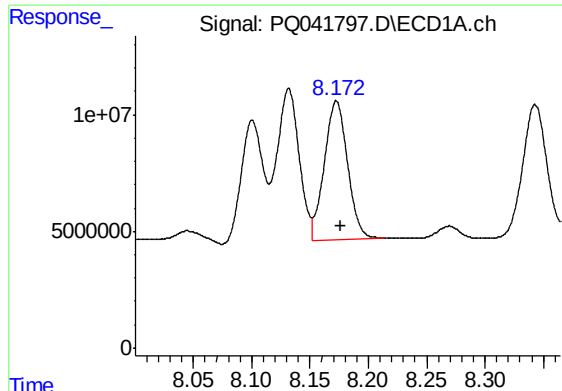
#19 AR-1242-4

R.T.: 7.350 min
Delta R.T.: -0.005 min
Response: 25829954
Conc: 401.79 ng/ml



#19 AR-1242-4

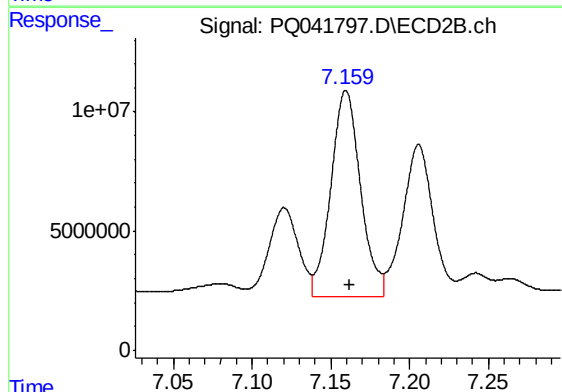
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 50708233
Conc: 855.15 ng/ml



#20 AR-1242-5

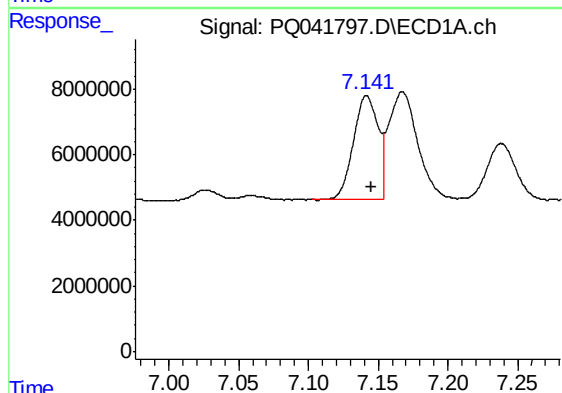
R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 82277386
Conc: 927.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



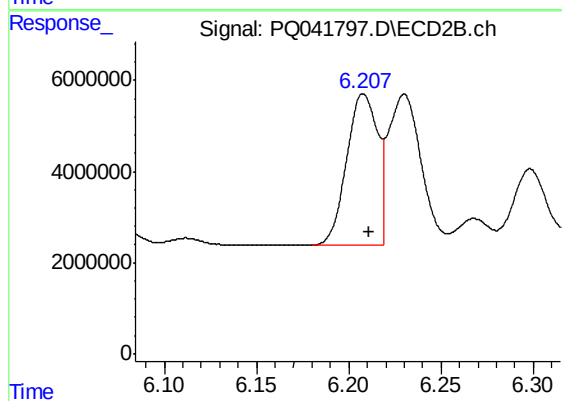
#20 AR-1242-5

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 113178224
Conc: 1274.61 ng/ml



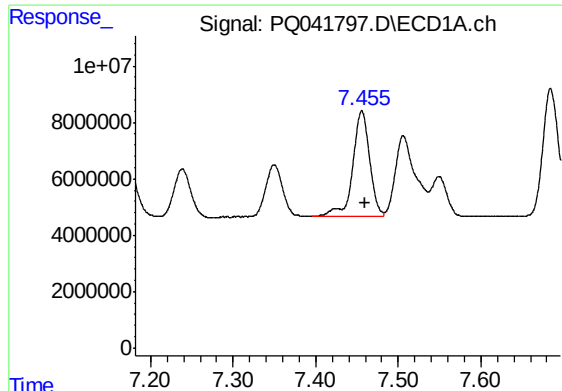
#21 AR-1248-1

R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 38647115
Conc: 521.30 ng/ml



#21 AR-1248-1

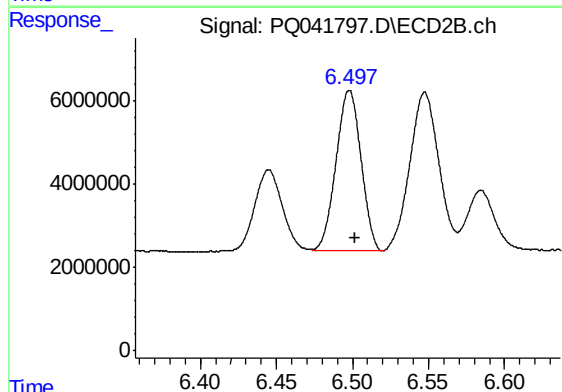
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 38505526
Conc: 580.74 ng/ml



#22 AR-1248-2

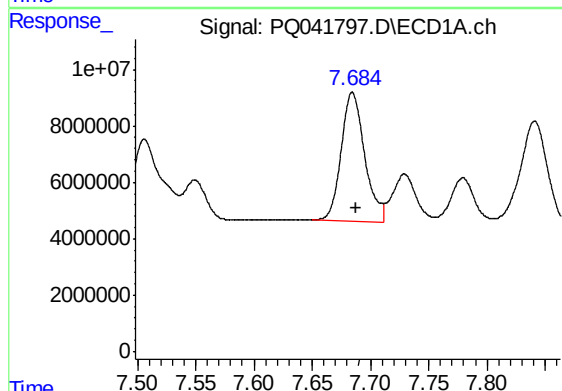
R.T.: 7.456 min
Delta R.T.: -0.004 min
Response: 52830108
Conc: 572.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



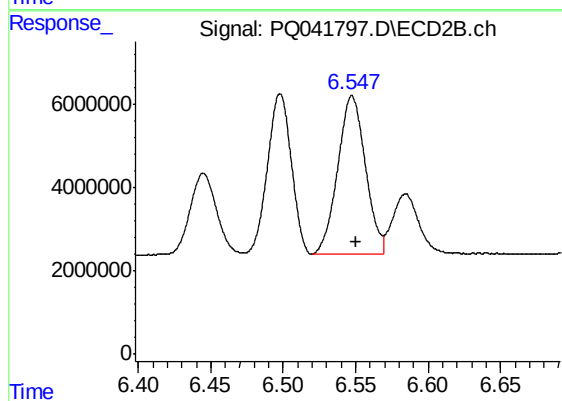
#22 AR-1248-2

R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 44254065
Conc: 507.57 ng/ml



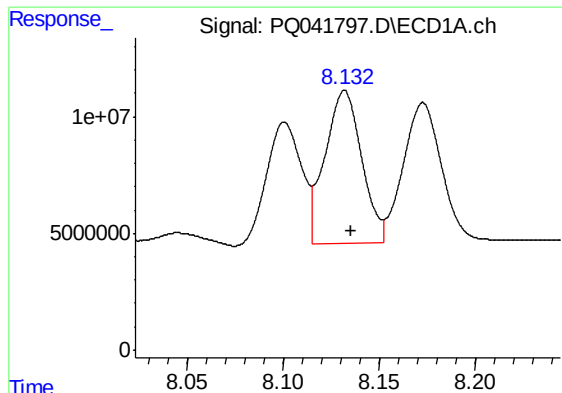
#23 AR-1248-3

R.T.: 7.684 min
Delta R.T.: -0.003 min
Response: 63822660
Conc: 569.64 ng/ml



#23 AR-1248-3

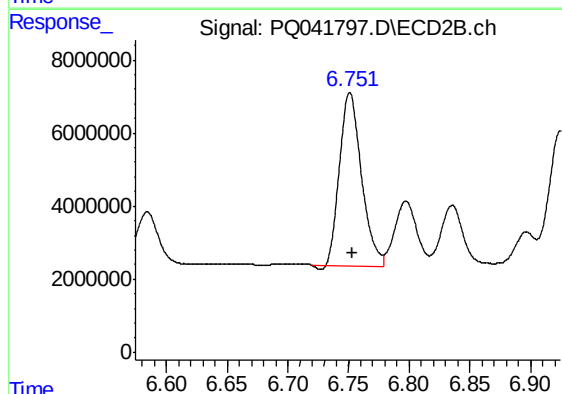
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 50708233
Conc: 568.12 ng/ml



#24 AR-1248-4

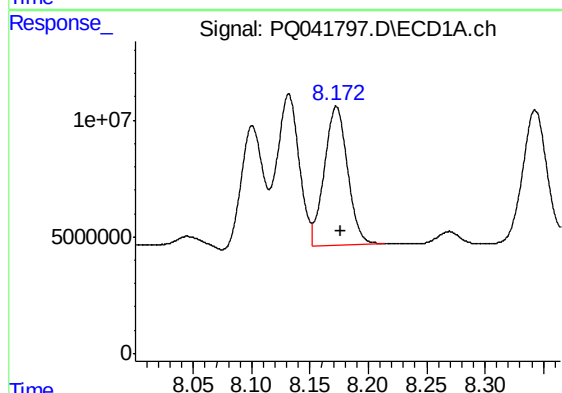
R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 87097139
Conc: 557.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



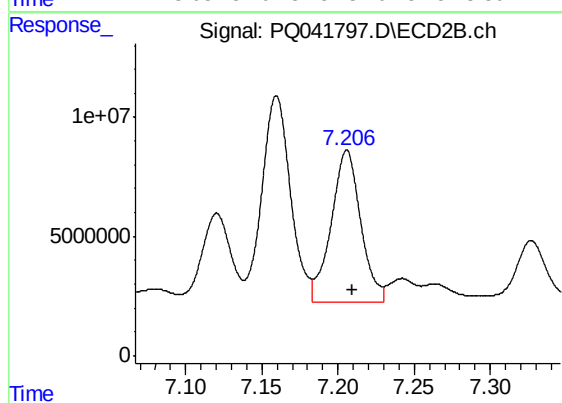
#24 AR-1248-4

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 59657801
Conc: 541.65 ng/ml



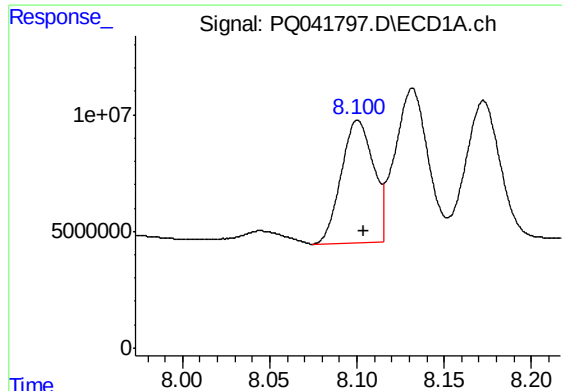
#25 AR-1248-5

R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 82277386
Conc: 543.72 ng/ml



#25 AR-1248-5

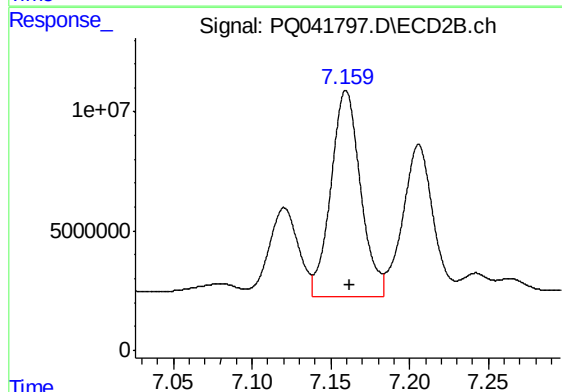
R.T.: 7.206 min
Delta R.T.: -0.003 min
Response: 86384491
Conc: 673.96 ng/ml



#26 AR-1254-1

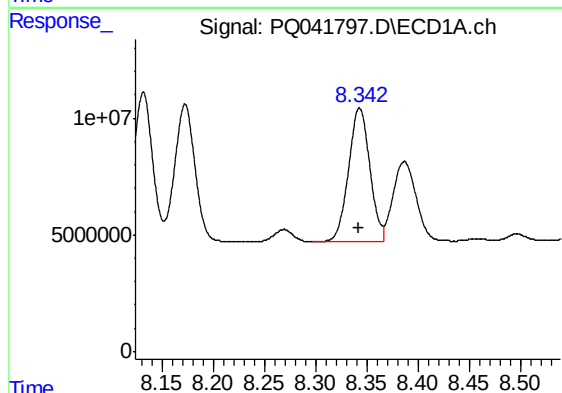
R.T.: 8.100 min
Delta R.T.: -0.003 min
Response: 67431811
Conc: 484.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



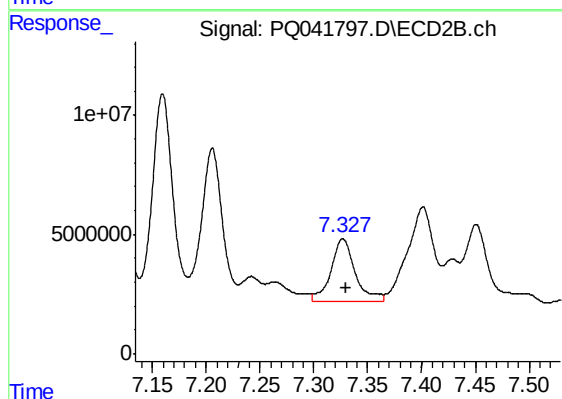
#26 AR-1254-1

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 113178224
Conc: 618.85 ng/ml



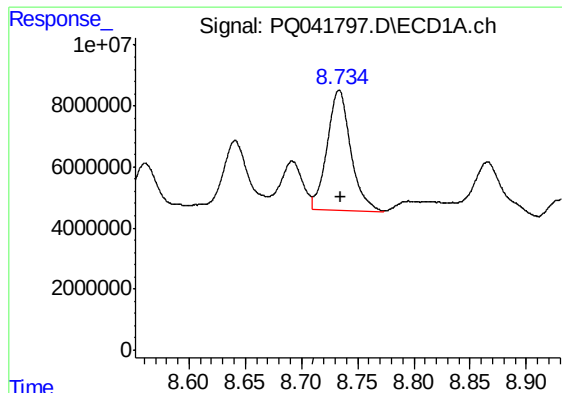
#27 AR-1254-2

R.T.: 8.343 min
Delta R.T.: 0.000 min
Response: 82619212
Conc: 360.97 ng/ml



#27 AR-1254-2

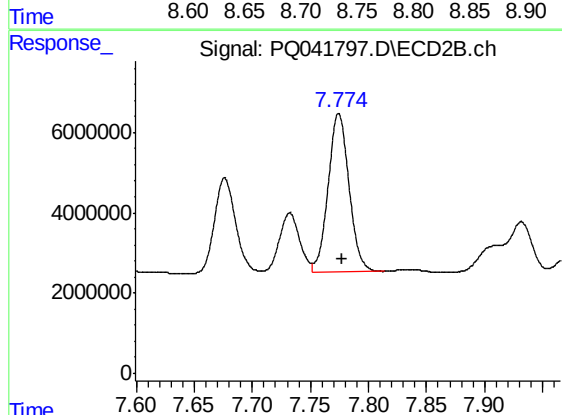
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 41199345
Conc: 254.52 ng/ml



#28 AR-1254-3

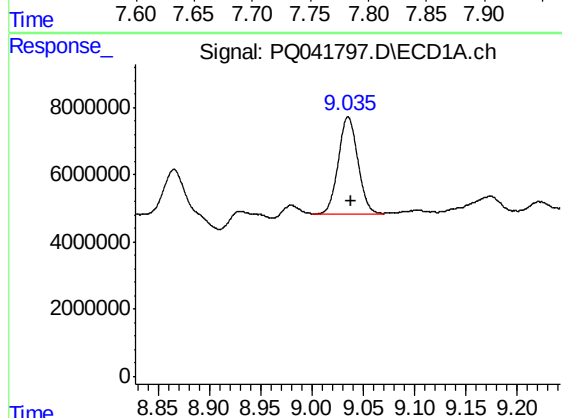
R.T.: 8.734 min
Delta R.T.: -0.002 min
Response: 57335808
Conc: 209.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



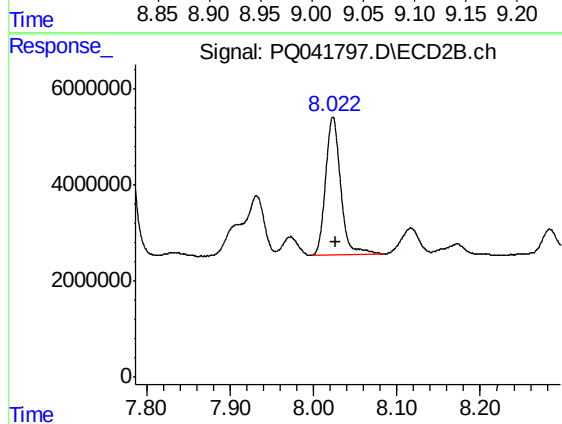
#28 AR-1254-3

R.T.: 7.774 min
Delta R.T.: -0.003 min
Response: 49667515
Conc: 172.21 ng/ml



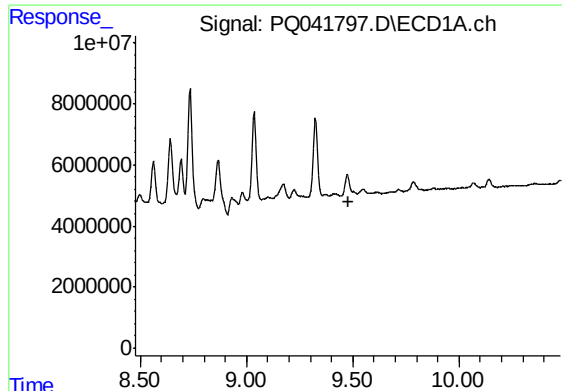
#29 AR-1254-4

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 37928991
Conc: 154.07 ng/ml



#29 AR-1254-4

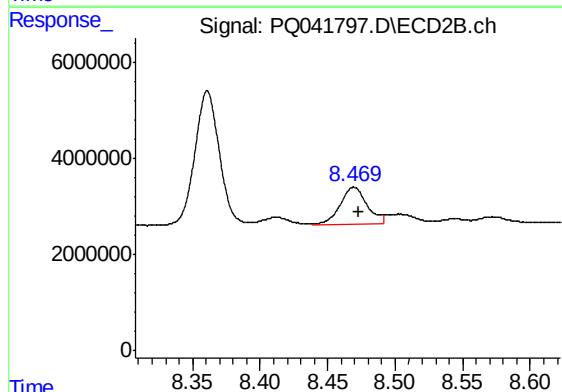
R.T.: 8.023 min
Delta R.T.: -0.004 min
Response: 36500199
Conc: 168.15 ng/ml



#30 AR-1254-5

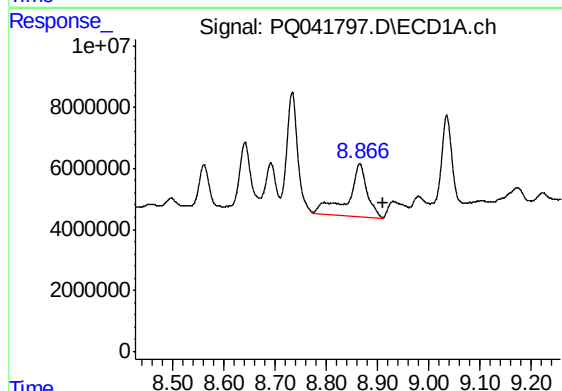
R.T.: 0.000 min
Exp R.T.: 9.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



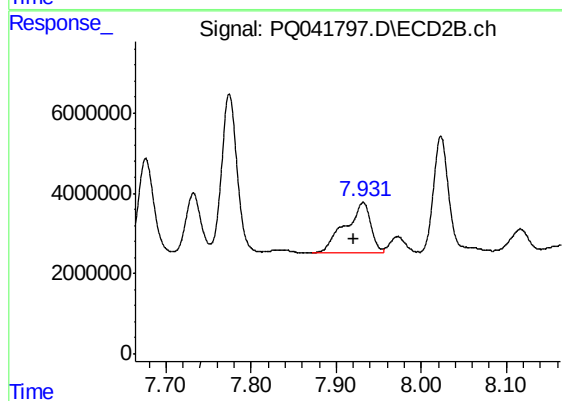
#30 AR-1254-5

R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 10679574
Conc: 35.51 ng/ml



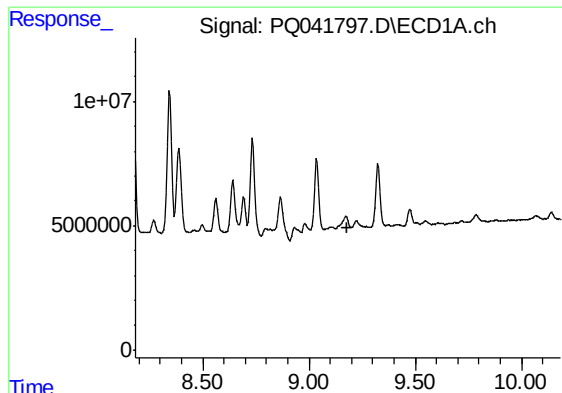
#31 AR-1260-1

R.T.: 8.865 min
Delta R.T.: -0.046 min
Response: 44161611
Conc: 248.26 ng/ml



#31 AR-1260-1

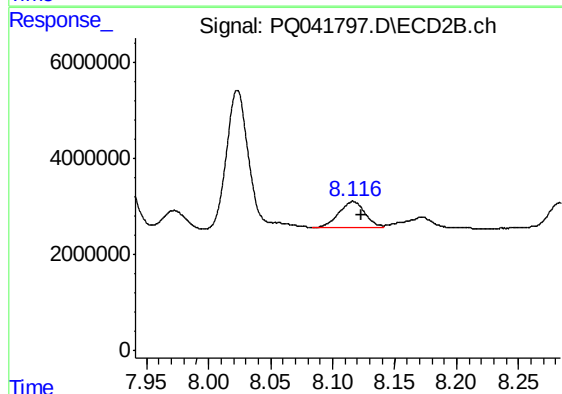
R.T.: 7.932 min
Delta R.T.: 0.011 min
Response: 26083884
Conc: 143.77 ng/ml



#32 AR-1260-2

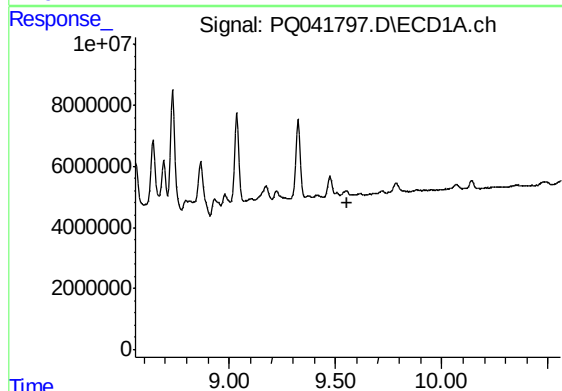
R.T.: 0.000 min
Exp R.T. : 9.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



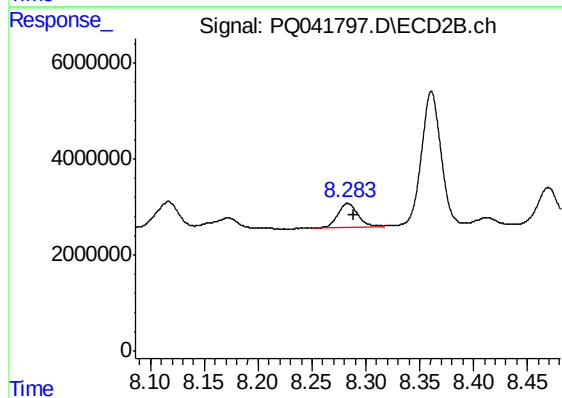
#32 AR-1260-2

R.T.: 8.117 min
Delta R.T.: -0.006 min
Response: 8060330
Conc: 32.85 ng/ml



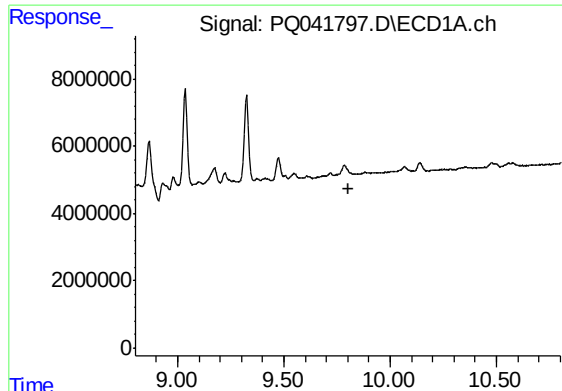
#33 AR-1260-3

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



#33 AR-1260-3

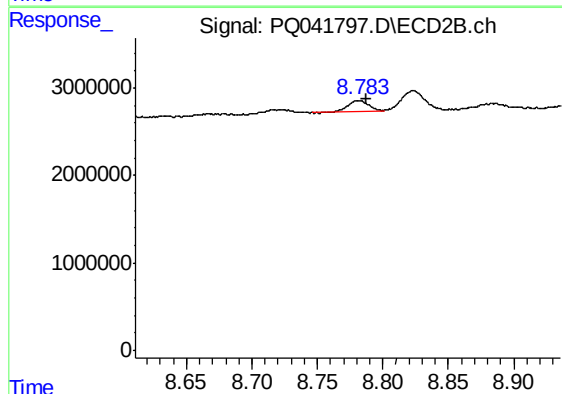
R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 6638094
Conc: 31.20 ng/ml



#34 AR-1260-4

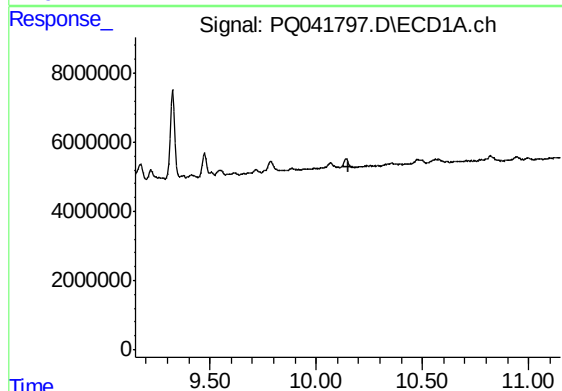
R.T.: 0.000 min
Exp R.T. : 9.802 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



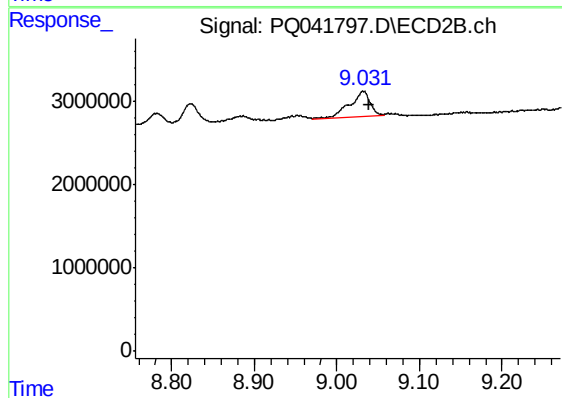
#34 AR-1260-4

R.T.: 8.782 min
Delta R.T.: -0.005 min
Response: 1446297
Conc: 7.15 ng/ml



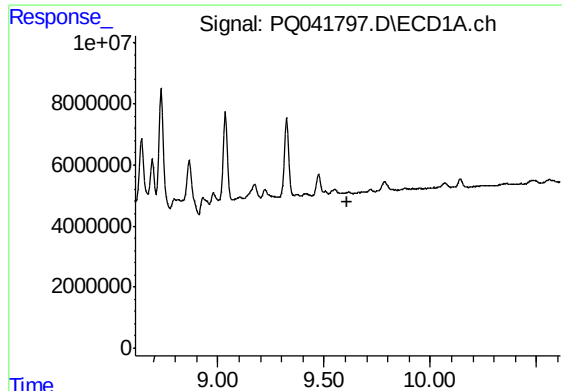
#35 AR-1260-5

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



#35 AR-1260-5

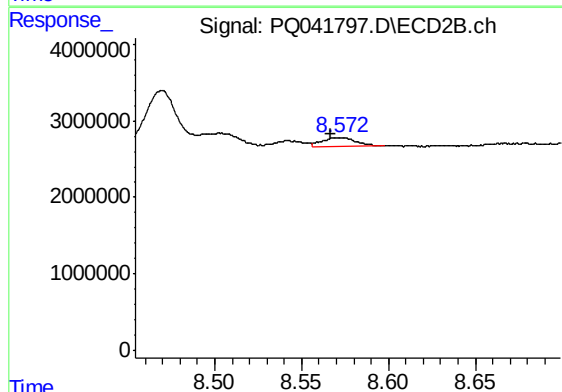
R.T.: 9.032 min
Delta R.T.: -0.007 min
Response: 5050632
Conc: 8.56 ng/ml



#36 AR-1262-1

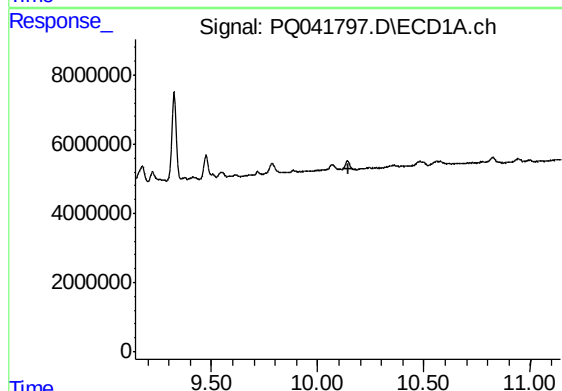
R.T.: 0.000 min
Exp R.T. : 9.613 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



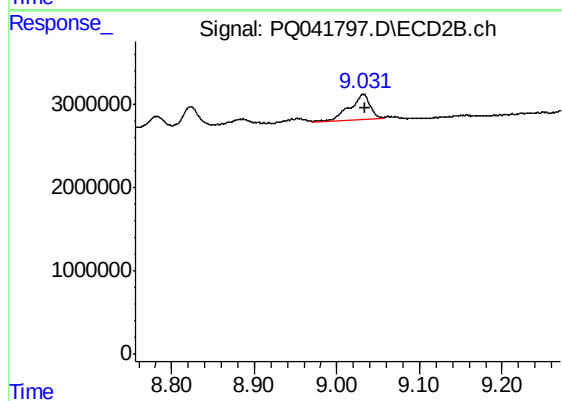
#36 AR-1262-1

R.T.: 8.572 min
Delta R.T.: 0.005 min
Response: 1657046
Conc: 11.55 ng/ml



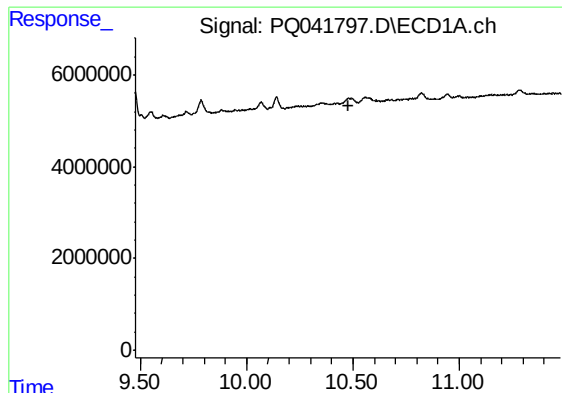
#37 AR-1262-2

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



#37 AR-1262-2

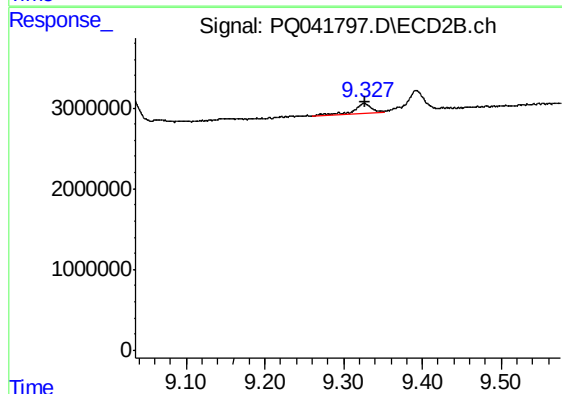
R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 5050632
Conc: 6.82 ng/ml



#38 AR-1262-3

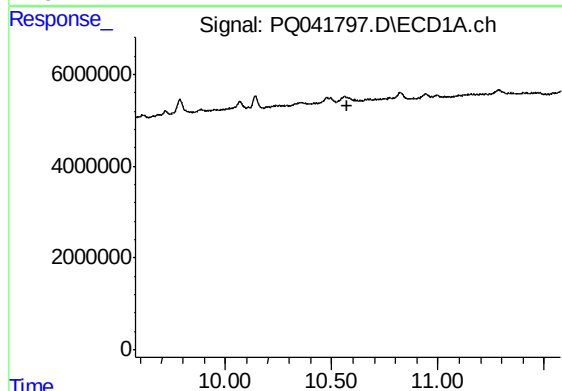
R.T.: 0.000 min
Exp R.T. : 10.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



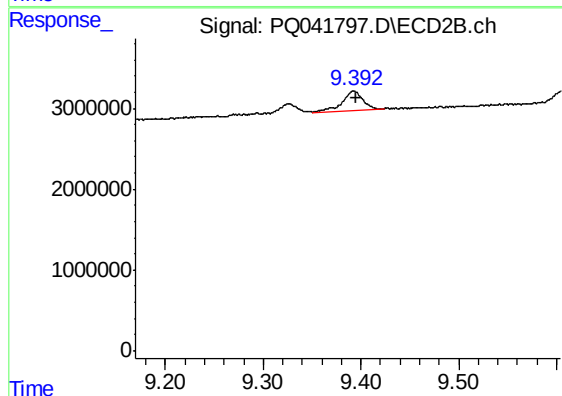
#38 AR-1262-3

R.T.: 9.326 min
Delta R.T.: -0.001 min
Response: 1946140
Conc: 6.15 ng/ml



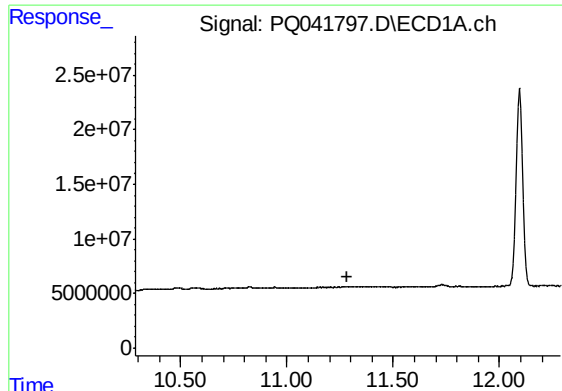
#39 AR-1262-4

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



#39 AR-1262-4

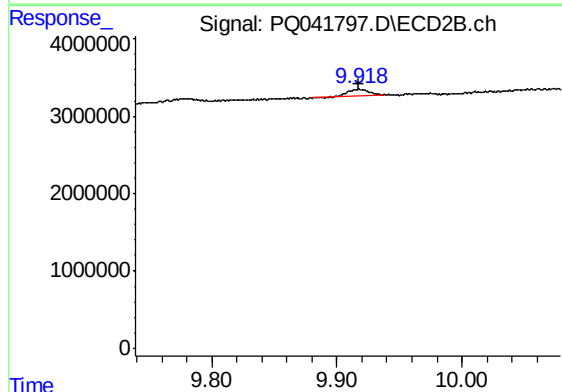
R.T.: 9.392 min
Delta R.T.: -0.002 min
Response: 3675770
Conc: 6.54 ng/ml



#40 AR-1262-5

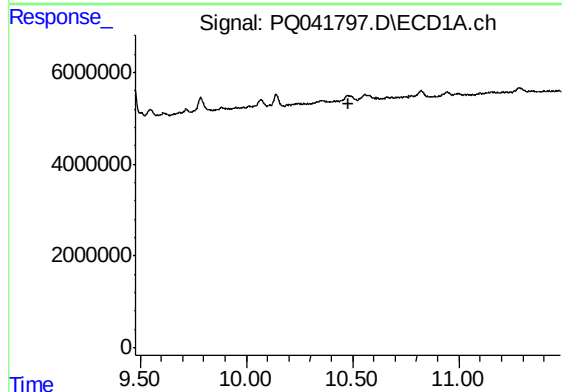
R.T.: 0.000 min
Exp R.T. : 11.286 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



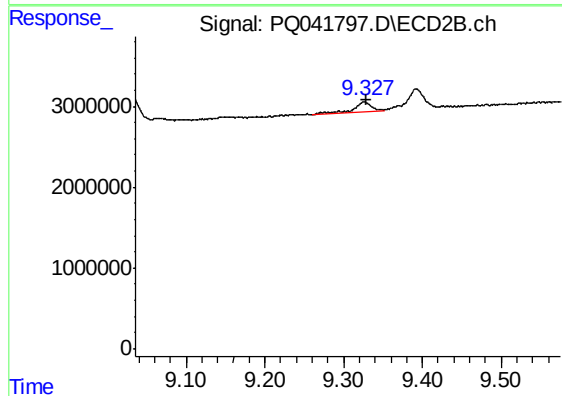
#40 AR-1262-5

R.T.: 9.917 min
Delta R.T.: 0.000 min
Response: 1118539
Conc: 3.92 ng/ml



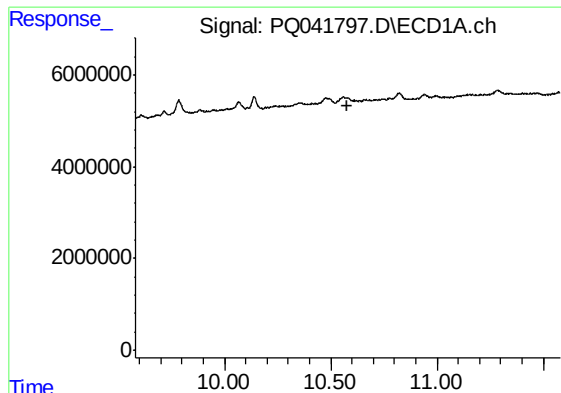
#41 AR-1268-1

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



#41 AR-1268-1

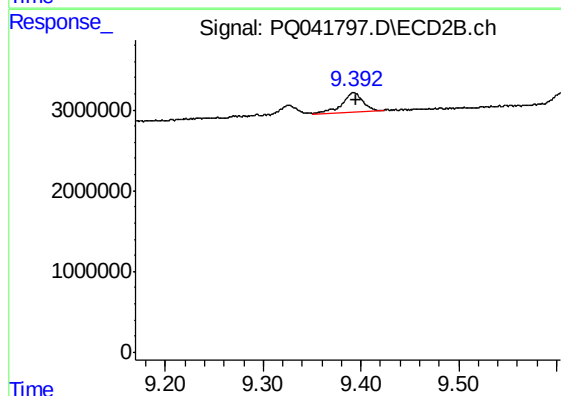
R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 1946140
Conc: 1.70 ng/ml



#42 AR-1268-2

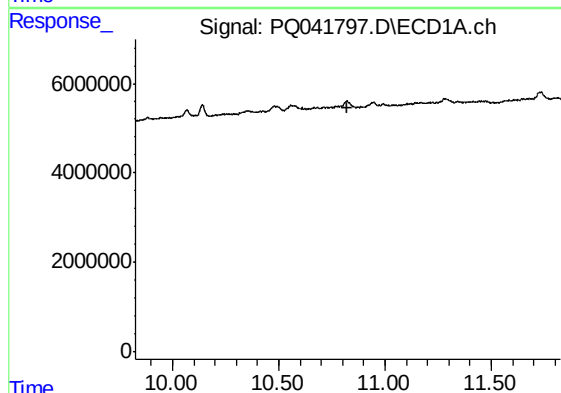
R.T.: 0.000 min
Exp R.T. : 10.581 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



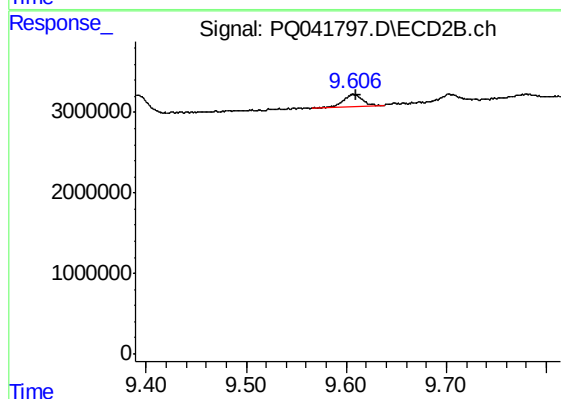
#42 AR-1268-2

R.T.: 9.392 min
Delta R.T.: -0.003 min
Response: 3675770
Conc: 3.58 ng/ml



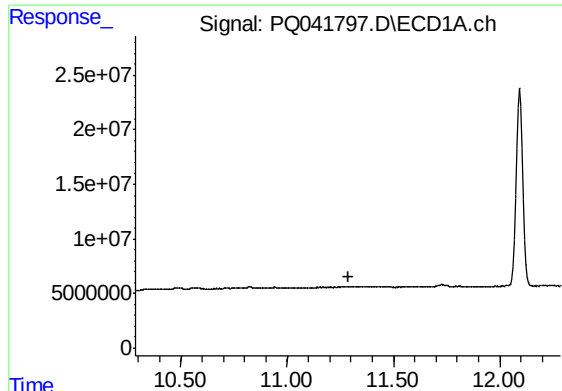
#43 AR-1268-3

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



#43 AR-1268-3

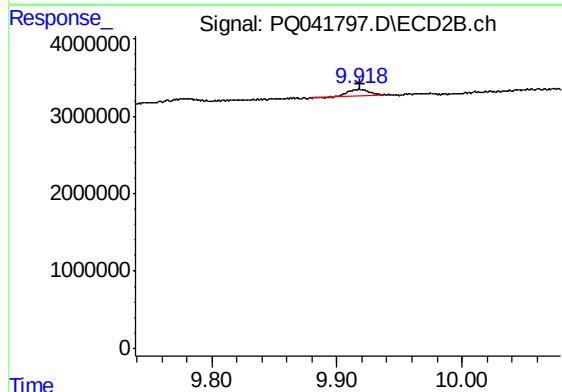
R.T.: 9.606 min
Delta R.T.: -0.003 min
Response: 2039732
Conc: 2.35 ng/ml



#44 AR-1268-4

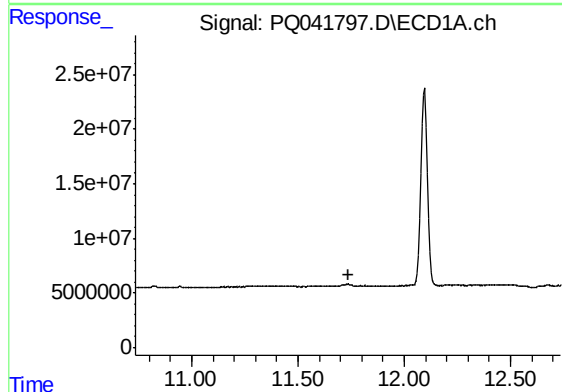
R.T.: 0.000 min
Exp R.T. : 11.286 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248320



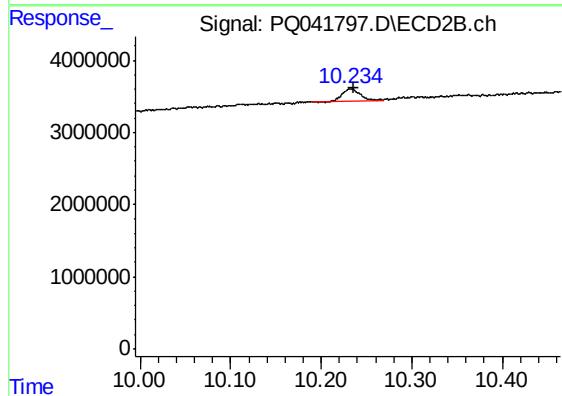
#44 AR-1268-4

R.T.: 9.917 min
Delta R.T.: -0.001 min
Response: 1118539
Conc: 2.91 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: -0.003 min
Response: 2259381
Conc: 0.87 ng/ml