

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111719\
 Data File : PQ045086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2019 16:50
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 00:47:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.102	4.310	156.5E6	112.0E6	19.714	23.749
2)	SA Decachlor...	11.163	9.723	165.3E6	155.3E6	23.869	22.891
Target Compounds							
3)	L1 AR-1016-1	6.414	5.587	2622141	2521402	10.434	13.690 #
4)	L1 AR-1016-2	6.441	5.608	3317337	2002186	8.773	7.577
5)	L1 AR-1016-3	6.441	5.806	3317337	1277759	14.289	9.901 #
6)	L1 AR-1016-4	0.000	5.852	0	54977677	N.D.	506.291 #
7)	L1 AR-1016-5	6.925	6.086	33148528	30133975	169.954	197.234
8)	L2 AR-1221-1	0.000	4.509	0	1083396	N.D.	20.198 #
9)	L2 AR-1221-2	5.452	4.672	2179026	1517083	37.113	38.426
10)	L2 AR-1221-3	0.000	4.762	0	707998	N.D.	5.416 #
11)	L3 AR-1232-1	0.000	4.762	0	707998	N.D.	6.138 #
12)	L3 AR-1232-2	0.000	5.608	0	2002186	N.D.	16.098 #
13)	L3 AR-1232-3	6.441	5.806	3317337	1277759	18.788	21.577
14)	L3 AR-1232-4	0.000	5.897	0	16027089	N.D.	266.610 #
15)	L3 AR-1232-5	6.708	6.086	58890520	30133975	887.707	413.740 #
16)	L4 AR-1242-1	6.414	5.587	2622141	2521402	12.199	16.082 #
17)	L4 AR-1242-2	6.441	5.608	3317337	2002186	10.316	8.949
18)	L4 AR-1242-3	6.441	5.806	3317337	1277759	16.719	11.496 #
19)	L4 AR-1242-4	0.000	5.897	0	16027089	N.D.	134.405 #
20)	L4 AR-1242-5	7.394	6.468	28851684	128.7E6	159.433	783.819 #
21)	L5 AR-1248-1	6.414	5.587	2622141	2521402	15.569	20.260 #
22)	L5 AR-1248-2	6.708	5.852	58890520	54977677	240.435	322.963 #
23)	L5 AR-1248-3	6.925	5.897	33148528	16027089	121.799	89.616 #
24)	L5 AR-1248-4	7.351	6.086	47171176	30133975	155.749	138.438
25)	L5 AR-1248-5	7.394	6.512	28851684	14232352	100.863	63.826 #
26)	L6 AR-1254-1	7.323	6.468	97360695	128.7E6	300.908	353.799
27)	L6 AR-1254-2	7.551	6.627	146.5E6	109.7E6	295.047	340.561
28)	L6 AR-1254-3	7.933	7.054	148.6E6	173.1E6	279.121	312.001
29)	L6 AR-1254-4	8.227	7.293	103.2E6	104.5E6	267.053	292.341
30)	L6 AR-1254-5	8.657	7.726	109.7E6	134.8E6	254.013	269.671
31)	L7 AR-1260-1	8.100	7.189	54754885	77852810	175.314	254.111 #
32)	L7 AR-1260-2	8.364	7.385	60784563	62519283	148.459	158.335
33)	L7 AR-1260-3	8.720	7.545	13409723	61005989	41.074	178.074 #
34)	L7 AR-1260-4	8.956	8.031	40715493	5785450	107.070	18.866 #
35)	L7 AR-1260-5	9.297	8.277	13324231	12398402	17.309	15.842
36)	L8 AR-1262-1	8.791	7.726	3369337	134.8E6	16.153	532.773 #
37)	L8 AR-1262-2	9.297	8.277	13324231	12398402	14.752	12.565
38)	L8 AR-1262-3	9.638	8.568	10727811	938952	17.590	2.437 #
39)	L8 AR-1262-4	9.688	8.632	2416938	12082440	5.320	16.401 #
41)	L9 AR-1268-1	9.638	8.568	10727811	938952	9.607	0.781 #
42)	L9 AR-1268-2	9.688	8.632	2416938	12082440	2.378	10.850 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111719\
 Data File : PQ045086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2019 16:50
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

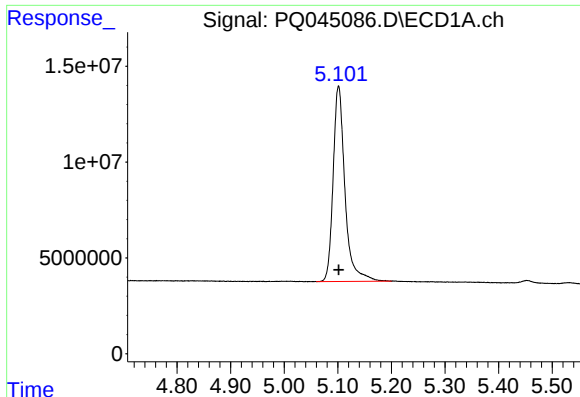
Instrument :
 ECD_Q
 ClientSampleId :
 AR1254320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 00:47:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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
43) L9	AR-1268-3	0.000	8.844	0	1353426	N.D.	1.455 #
45) L9	AR-1268-5	0.000	9.454	0	1136373	N.D.	0.376 #

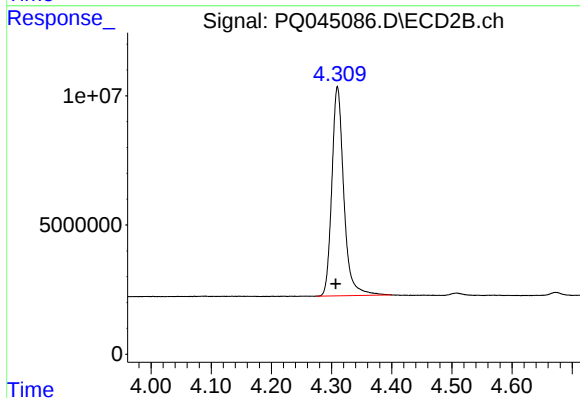
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

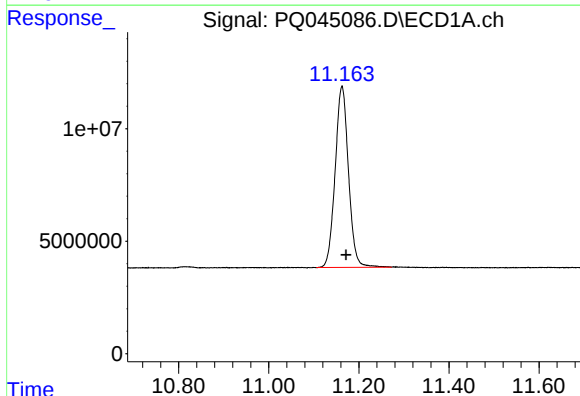
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 156487658
Conc: 19.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



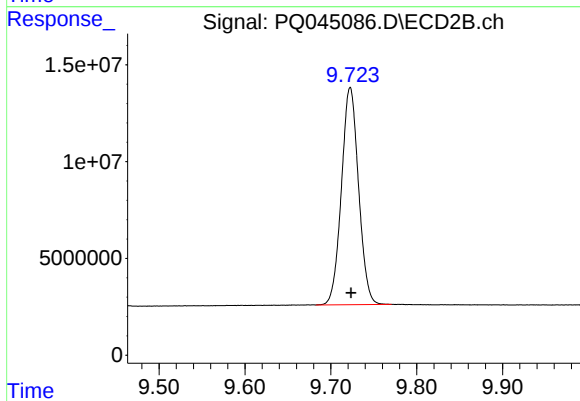
#1 Tetrachloro-m-xylene

R.T.: 4.310 min
Delta R.T.: 0.003 min
Response: 111982954
Conc: 23.75 ng/ml



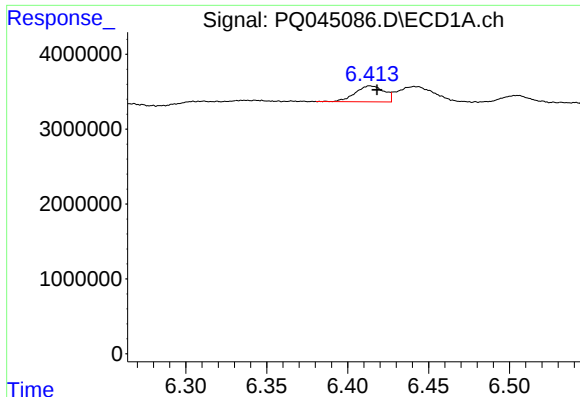
#2 Decachlorobiphenyl

R.T.: 11.163 min
Delta R.T.: -0.009 min
Response: 165317696
Conc: 23.87 ng/ml



#2 Decachlorobiphenyl

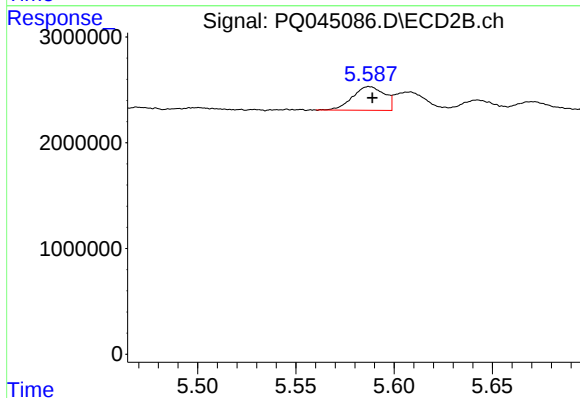
R.T.: 9.723 min
Delta R.T.: -0.001 min
Response: 155316483
Conc: 22.89 ng/ml



#3 AR-1016-1

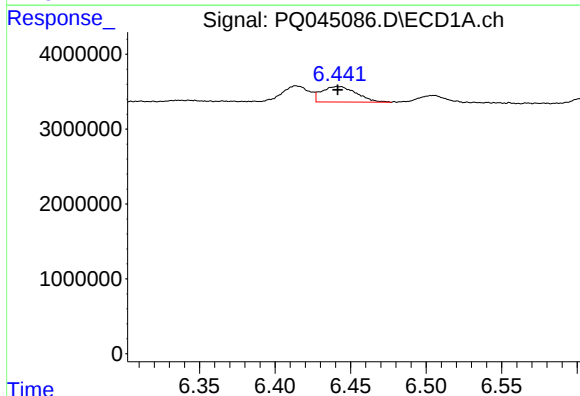
R.T.: 6.414 min
Delta R.T.: -0.004 min
Response: 2622141
Conc: 10.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



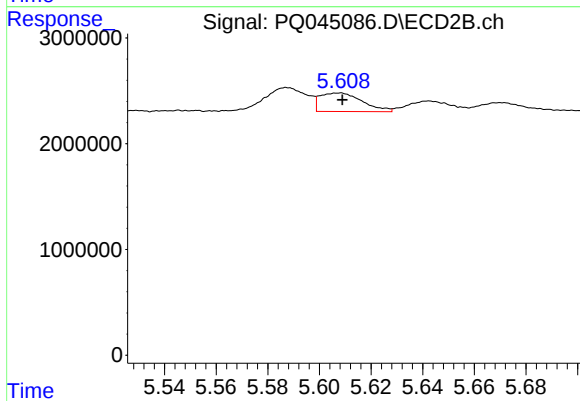
#3 AR-1016-1

R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 2521402
Conc: 13.69 ng/ml



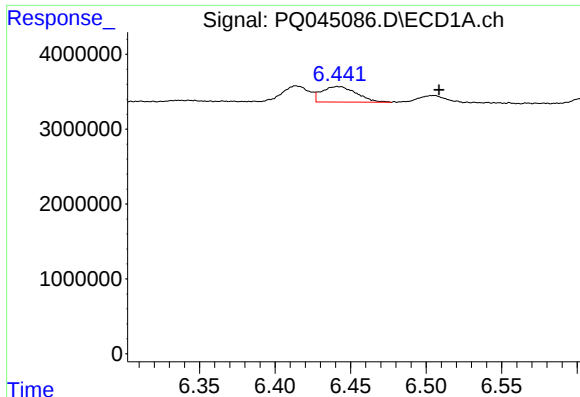
#4 AR-1016-2

R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 3317337
Conc: 8.77 ng/ml



#4 AR-1016-2

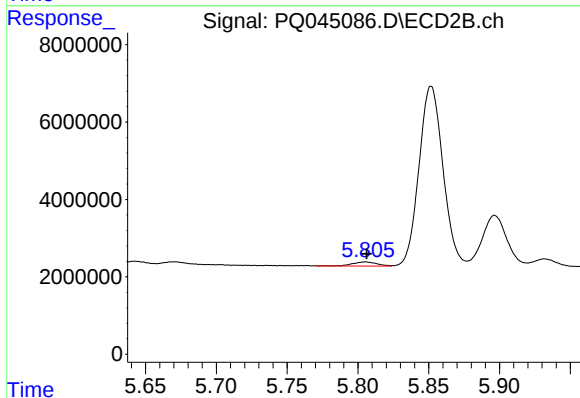
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 2002186
Conc: 7.58 ng/ml



#5 AR-1016-3

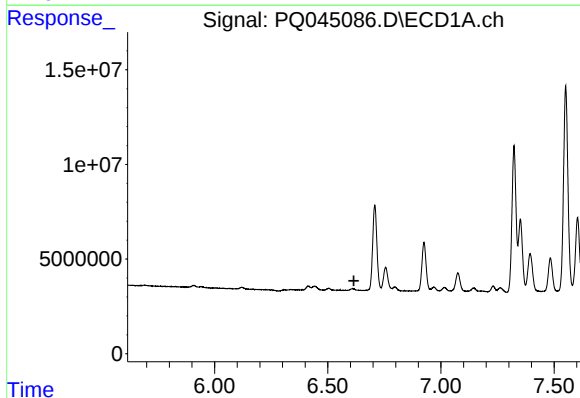
R.T.: 6.441 min
Delta R.T.: -0.067 min
Response: 3317337
Conc: 14.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



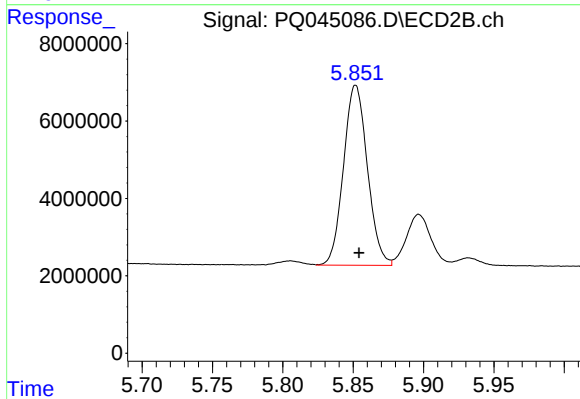
#5 AR-1016-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1277759
Conc: 9.90 ng/ml



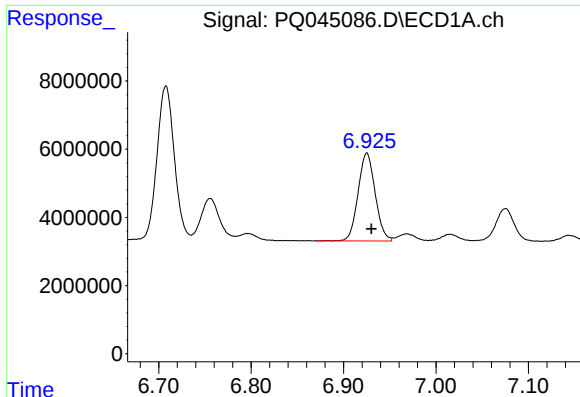
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.615 min
Response: 0
Conc: N.D.



#6 AR-1016-4

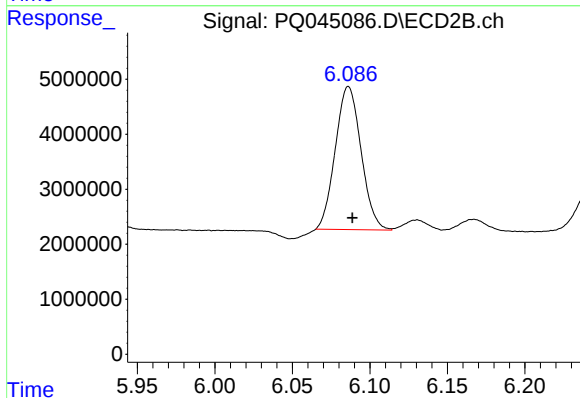
R.T.: 5.852 min
Delta R.T.: -0.003 min
Response: 54977677
Conc: 506.29 ng/ml



#7 AR-1016-5

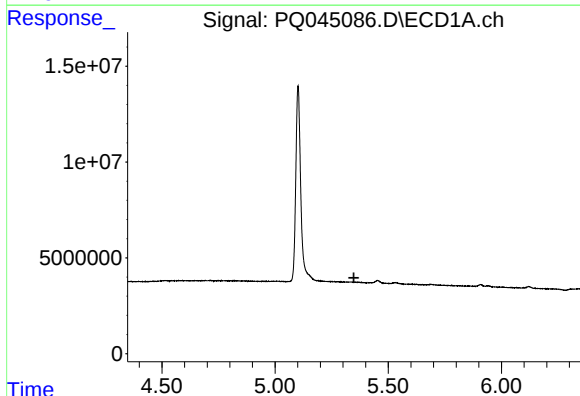
R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 33148528
Conc: 169.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



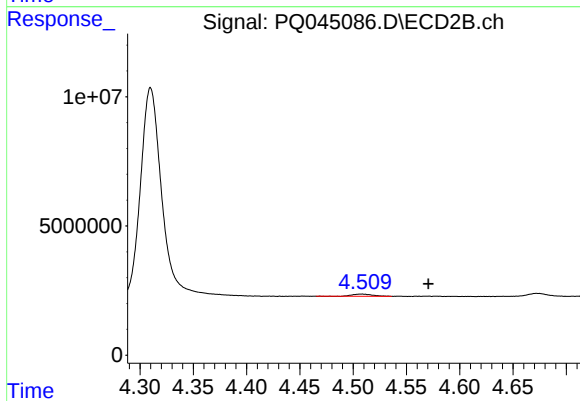
#7 AR-1016-5

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 30133975
Conc: 197.23 ng/ml



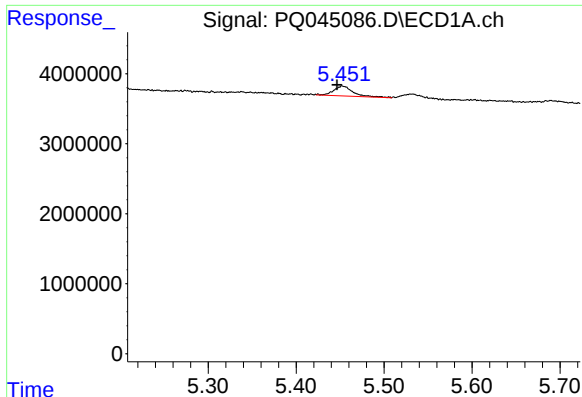
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#8 AR-1221-1

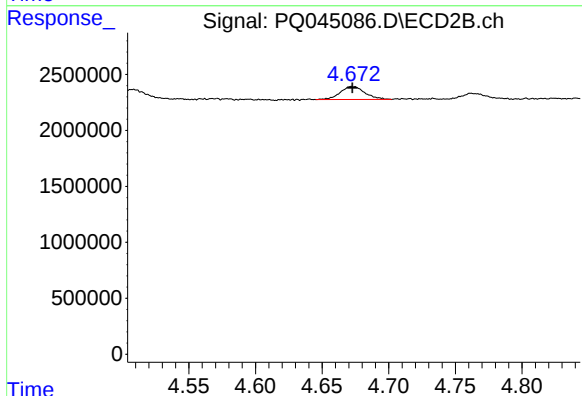
R.T.: 4.509 min
Delta R.T.: -0.062 min
Response: 1083396
Conc: 20.20 ng/ml



#9 AR-1221-2

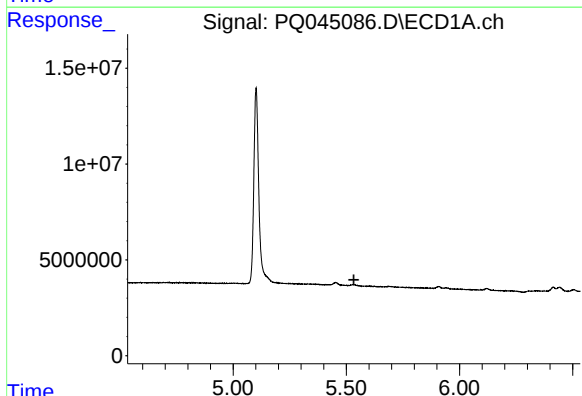
R.T.: 5.452 min
Delta R.T.: 0.006 min
Response: 2179026
Conc: 37.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



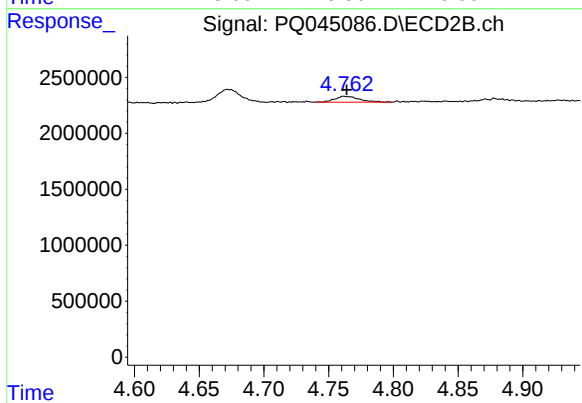
#9 AR-1221-2

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1517083
Conc: 38.43 ng/ml



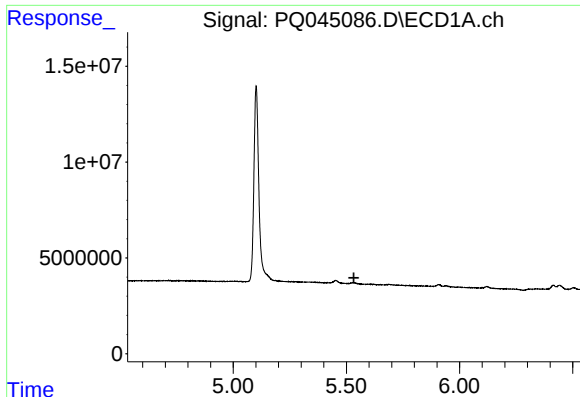
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



#10 AR-1221-3

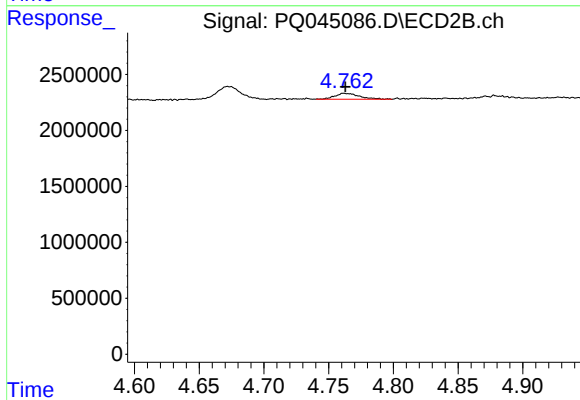
R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 707998
Conc: 5.42 ng/ml



#11 AR-1232-1

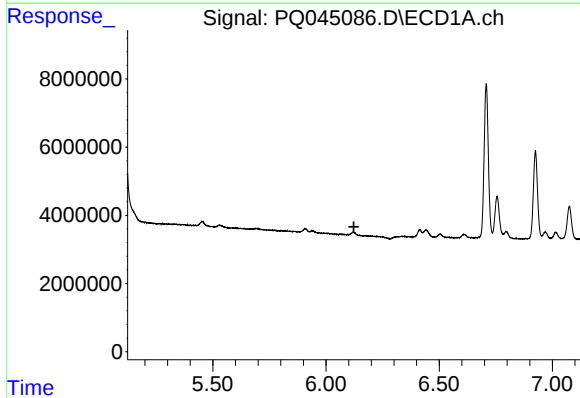
R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254320



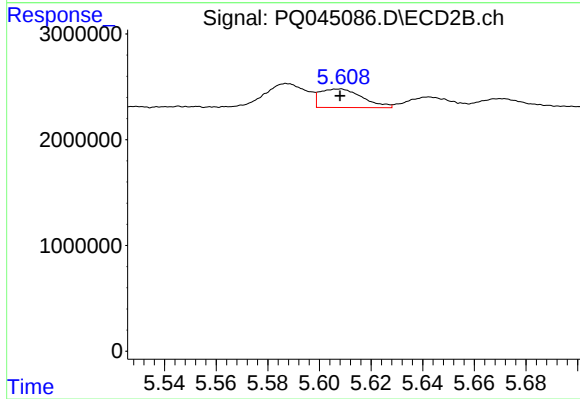
#11 AR-1232-1

R.T.: 4.762 min
Delta R.T.: -0.001 min
Response: 707998
Conc: 6.14 ng/ml



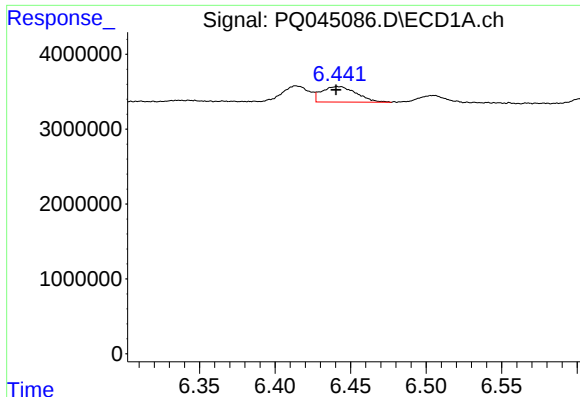
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.123 min
Response: 0
Conc: N.D.



#12 AR-1232-2

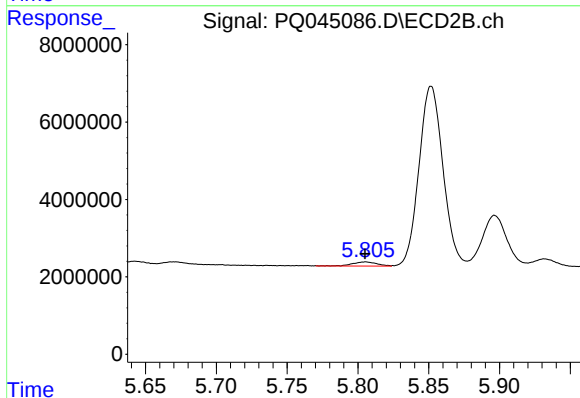
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 2002186
Conc: 16.10 ng/ml



#13 AR-1232-3

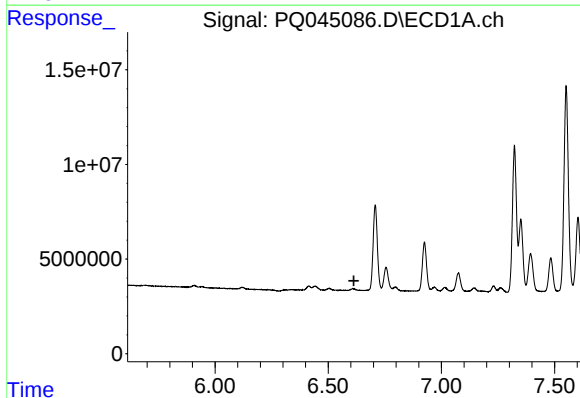
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 3317337
Conc: 18.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



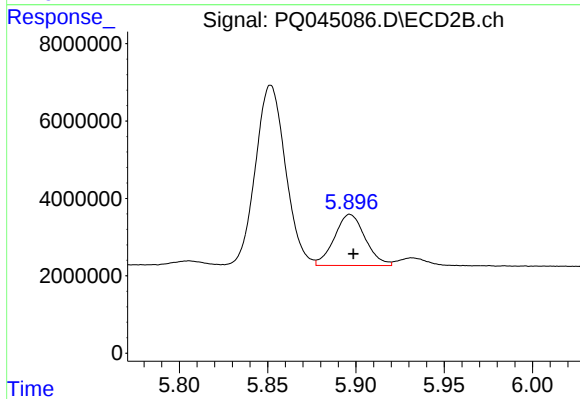
#13 AR-1232-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1277759
Conc: 21.58 ng/ml



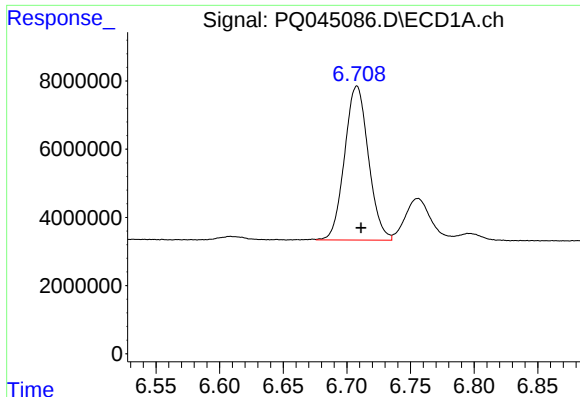
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.614 min
Response: 0
Conc: N.D.



#14 AR-1232-4

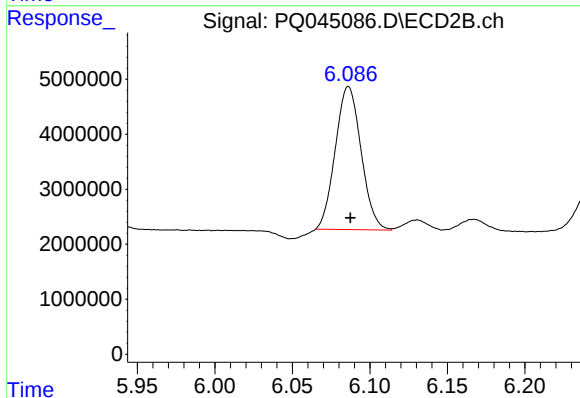
R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 16027089
Conc: 266.61 ng/ml



#15 AR-1232-5

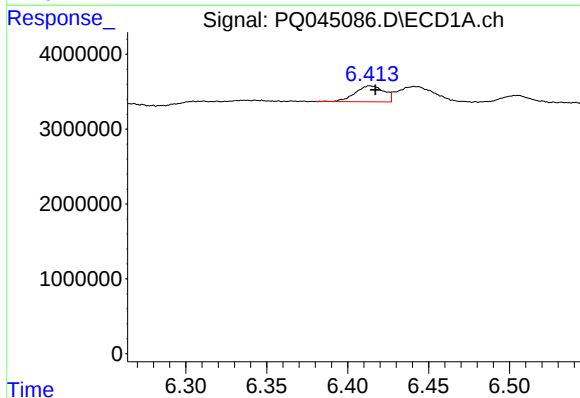
R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 58890520
Conc: 887.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



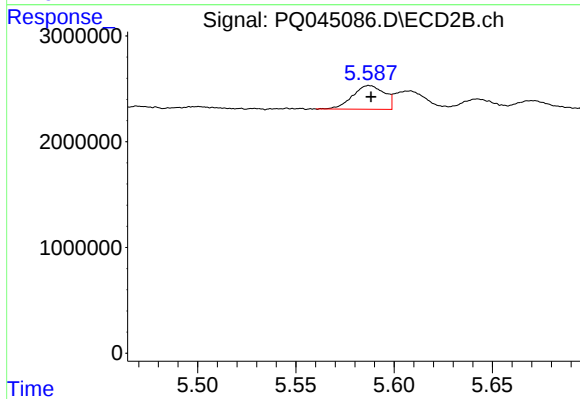
#15 AR-1232-5

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 30133975
Conc: 413.74 ng/ml



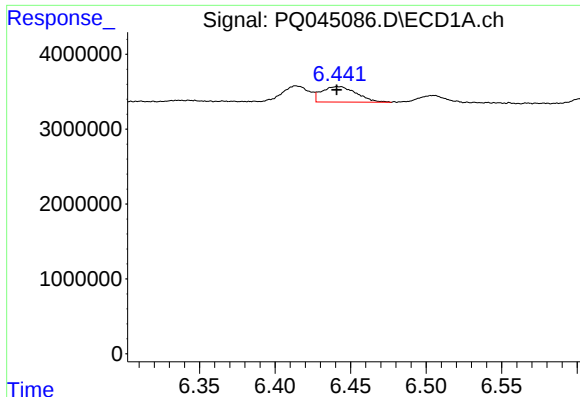
#16 AR-1242-1

R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 2622141
Conc: 12.20 ng/ml



#16 AR-1242-1

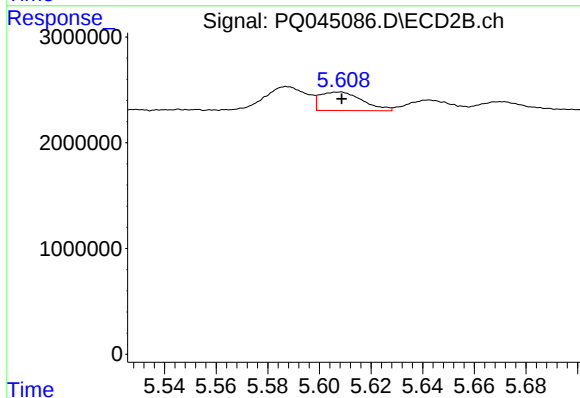
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 2521402
Conc: 16.08 ng/ml



#17 AR-1242-2

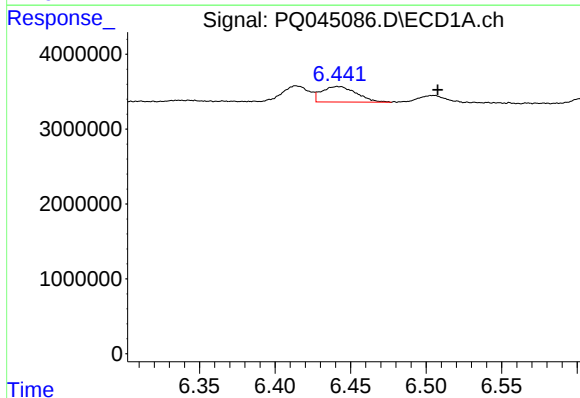
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 3317337
Conc: 10.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



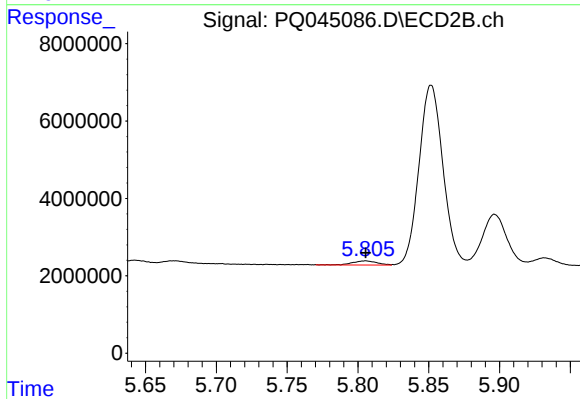
#17 AR-1242-2

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 2002186
Conc: 8.95 ng/ml



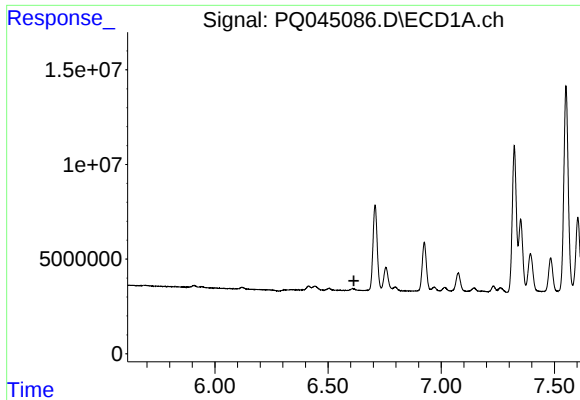
#18 AR-1242-3

R.T.: 6.441 min
Delta R.T.: -0.067 min
Response: 3317337
Conc: 16.72 ng/ml



#18 AR-1242-3

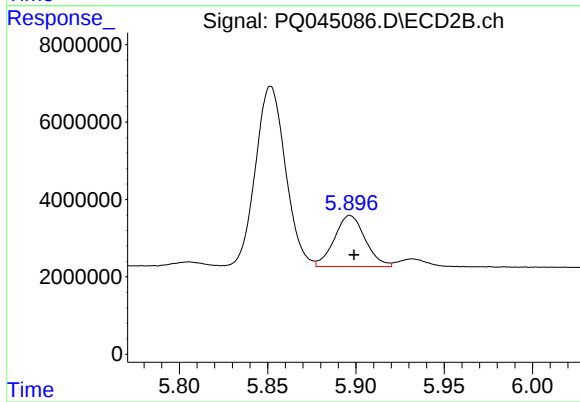
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1277759
Conc: 11.50 ng/ml



#19 AR-1242-4

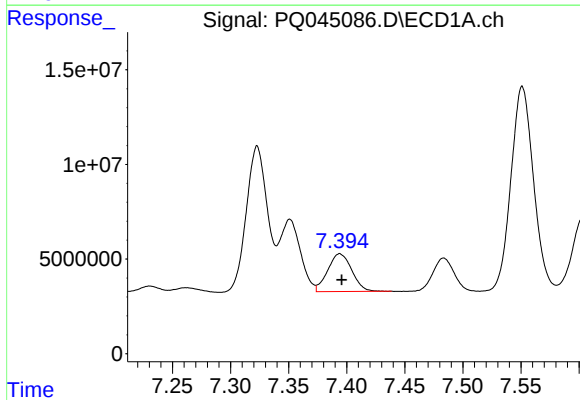
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254320



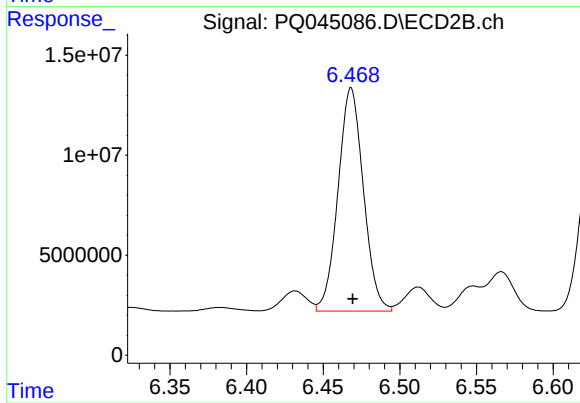
#19 AR-1242-4

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 16027089
Conc: 134.40 ng/ml



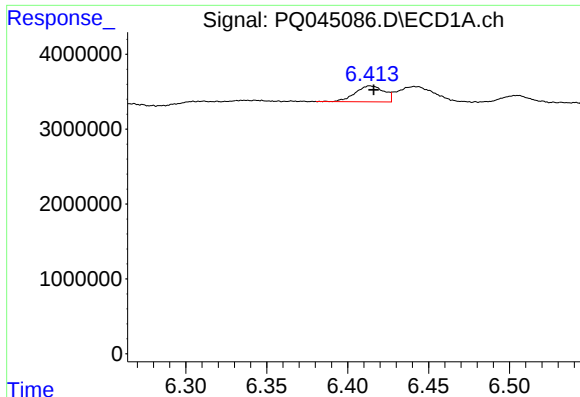
#20 AR-1242-5

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 28851684
Conc: 159.43 ng/ml



#20 AR-1242-5

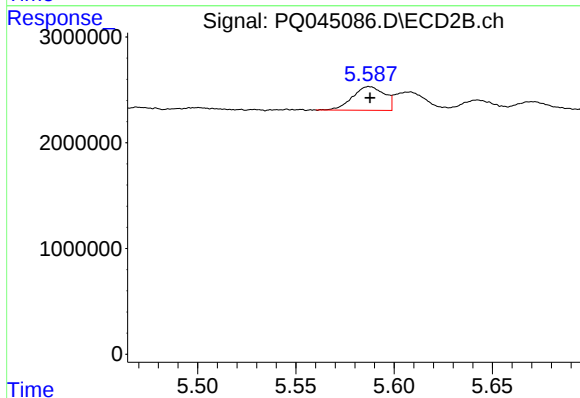
R.T.: 6.468 min
Delta R.T.: -0.001 min
Response: 128705081
Conc: 783.82 ng/ml



#21 AR-1248-1

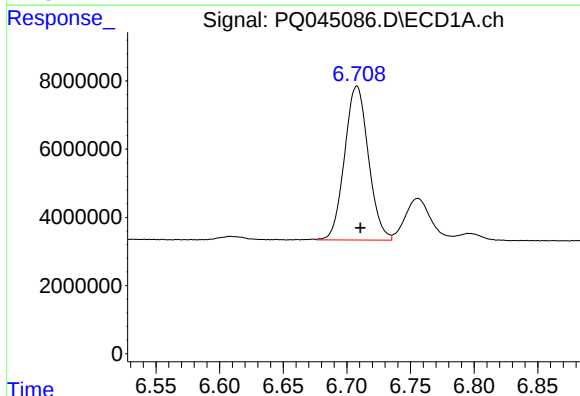
R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 2622141
Conc: 15.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



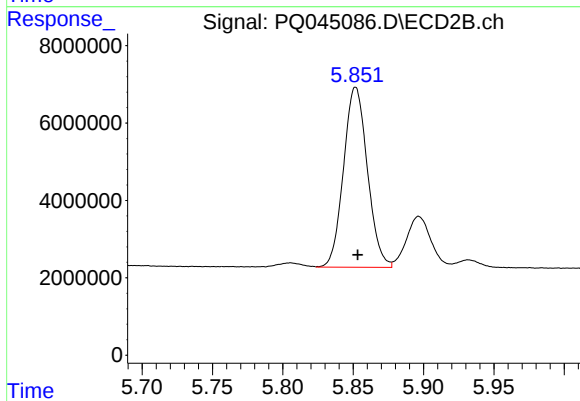
#21 AR-1248-1

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 2521402
Conc: 20.26 ng/ml



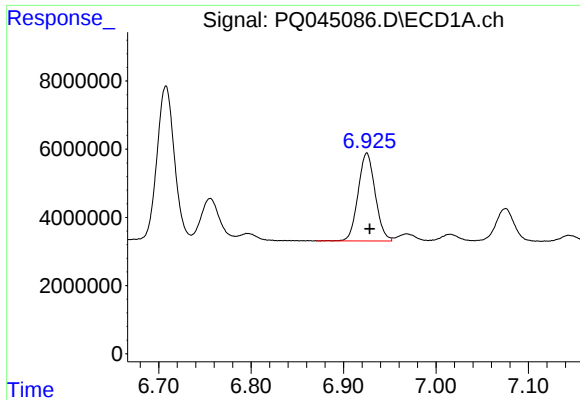
#22 AR-1248-2

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 58890520
Conc: 240.43 ng/ml



#22 AR-1248-2

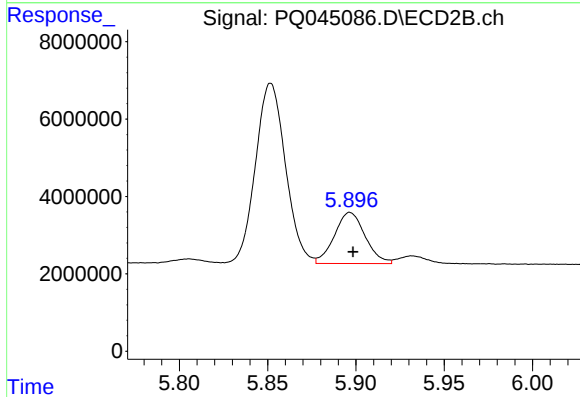
R.T.: 5.852 min
Delta R.T.: -0.001 min
Response: 54977677
Conc: 322.96 ng/ml



#23 AR-1248-3

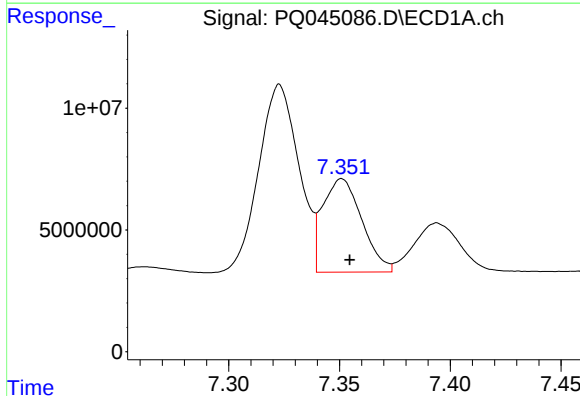
R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 33148528
Conc: 121.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



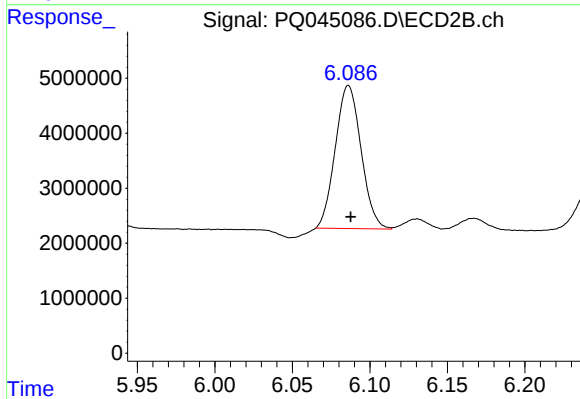
#23 AR-1248-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 16027089
Conc: 89.62 ng/ml



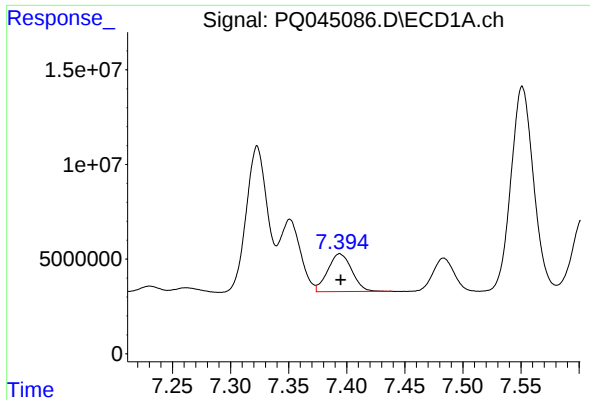
#24 AR-1248-4

R.T.: 7.351 min
Delta R.T.: -0.004 min
Response: 47171176
Conc: 155.75 ng/ml



#24 AR-1248-4

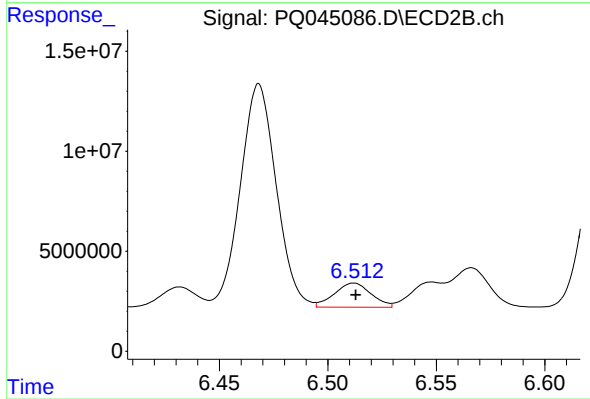
R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 30133975
Conc: 138.44 ng/ml



#25 AR-1248-5

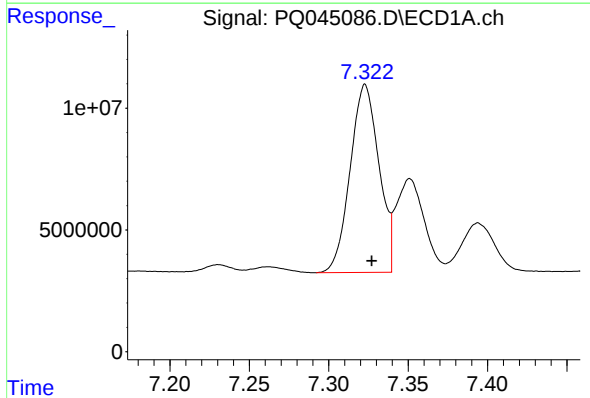
R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 28851684
Conc: 100.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



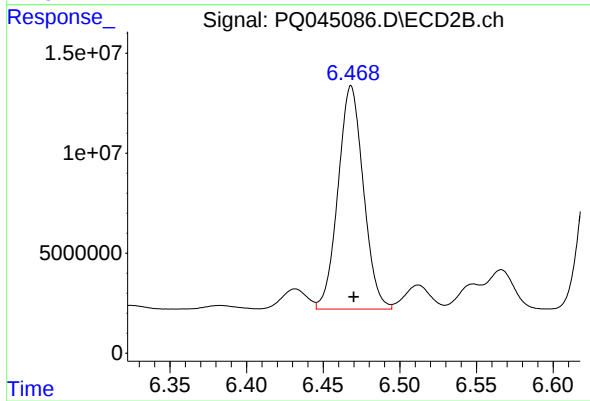
#25 AR-1248-5

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 14232352
Conc: 63.83 ng/ml



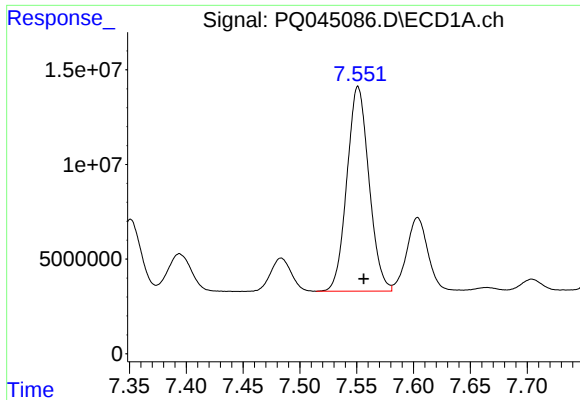
#26 AR-1254-1

R.T.: 7.323 min
Delta R.T.: -0.004 min
Response: 97360695
Conc: 300.91 ng/ml



#26 AR-1254-1

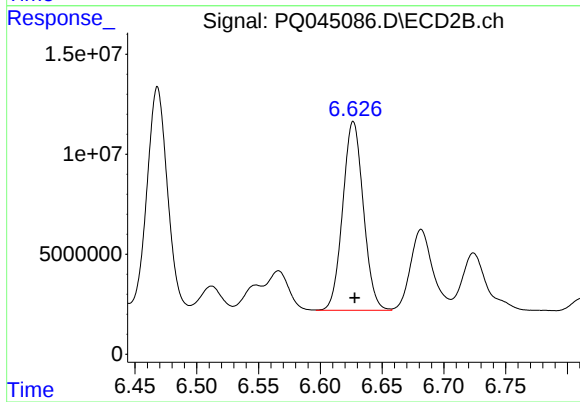
R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 128705081
Conc: 353.80 ng/ml



#27 AR-1254-2

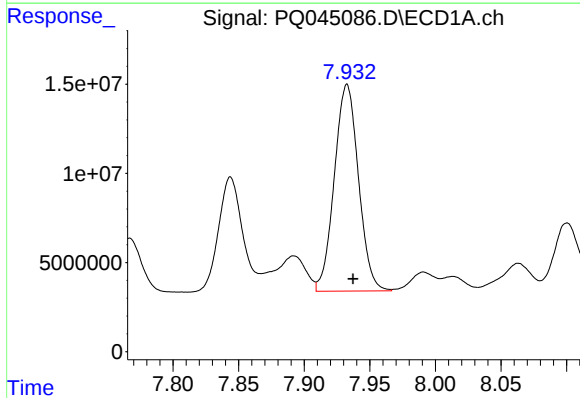
R.T.: 7.551 min
Delta R.T.: -0.005 min
Response: 146491330
Conc: 295.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



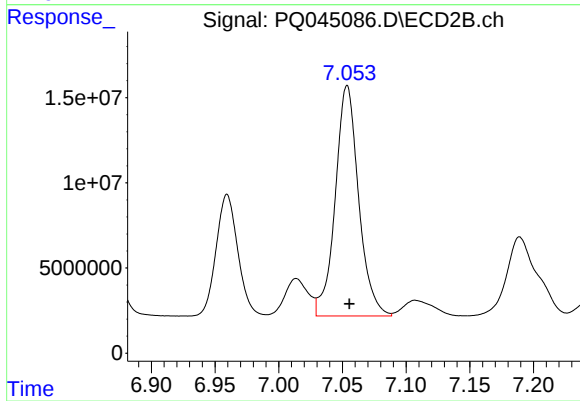
#27 AR-1254-2

R.T.: 6.627 min
Delta R.T.: -0.001 min
Response: 109687976
Conc: 340.56 ng/ml



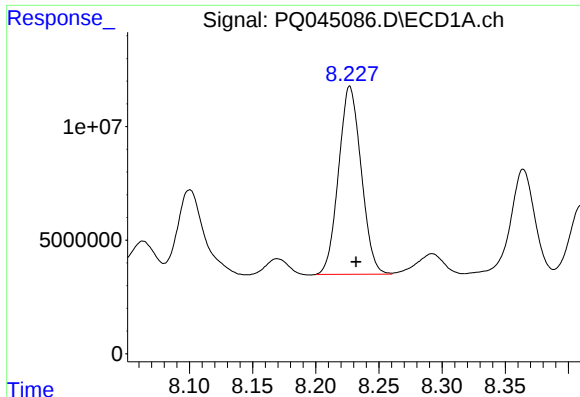
#28 AR-1254-3

R.T.: 7.933 min
Delta R.T.: -0.005 min
Response: 148564752
Conc: 279.12 ng/ml



#28 AR-1254-3

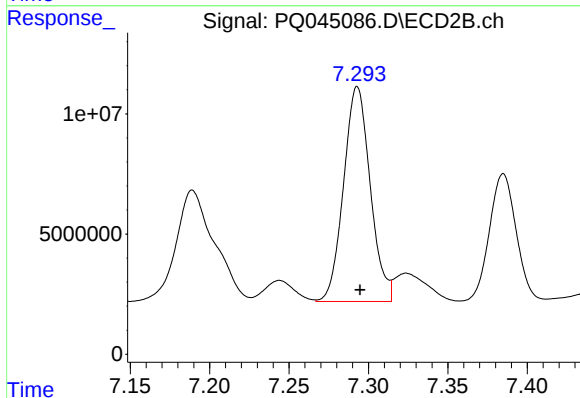
R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 173065023
Conc: 312.00 ng/ml



#29 AR-1254-4

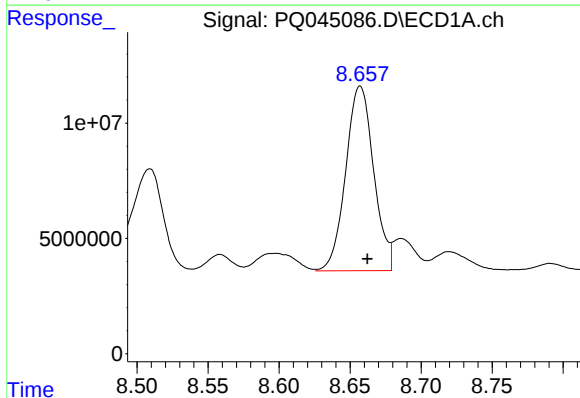
R.T.: 8.227 min
Delta R.T.: -0.005 min
Response: 103159977
Conc: 267.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



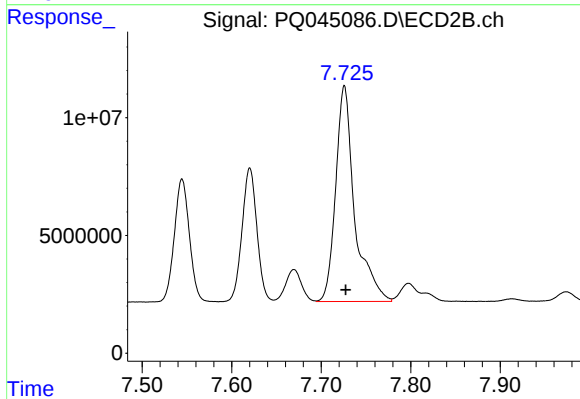
#29 AR-1254-4

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 104489476
Conc: 292.34 ng/ml



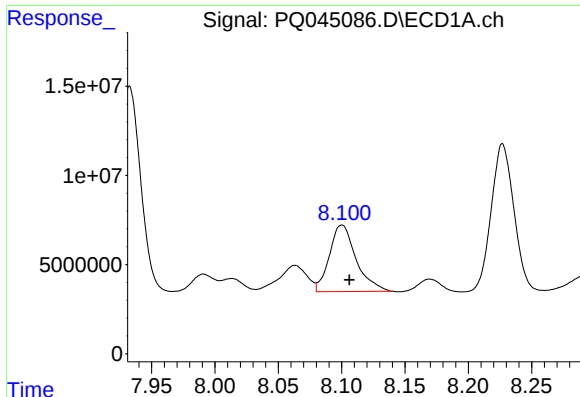
#30 AR-1254-5

R.T.: 8.657 min
Delta R.T.: -0.005 min
Response: 109728978
Conc: 254.01 ng/ml



#30 AR-1254-5

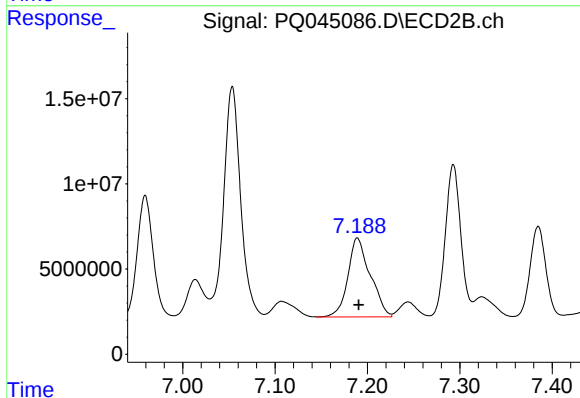
R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 134841497
Conc: 269.67 ng/ml



#31 AR-1260-1

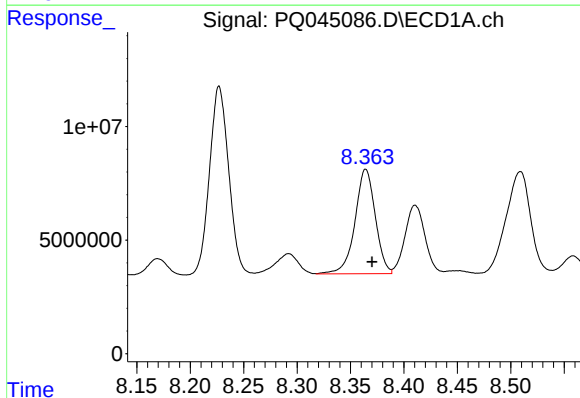
R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 54754885
Conc: 175.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



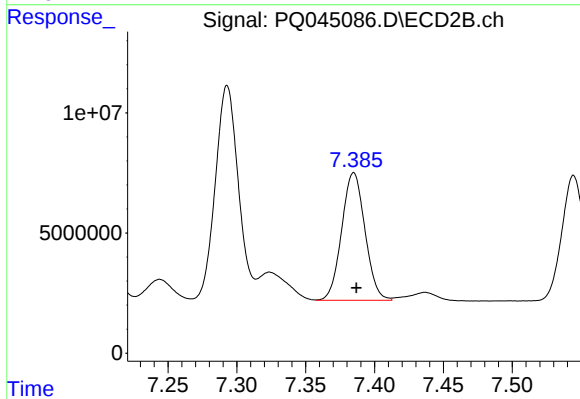
#31 AR-1260-1

R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 77852810
Conc: 254.11 ng/ml



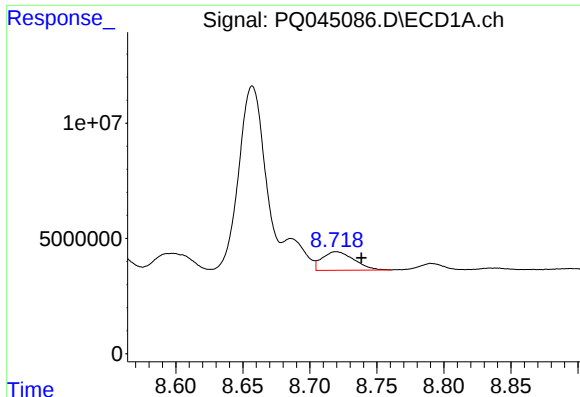
#32 AR-1260-2

R.T.: 8.364 min
Delta R.T.: -0.006 min
Response: 60784563
Conc: 148.46 ng/ml



#32 AR-1260-2

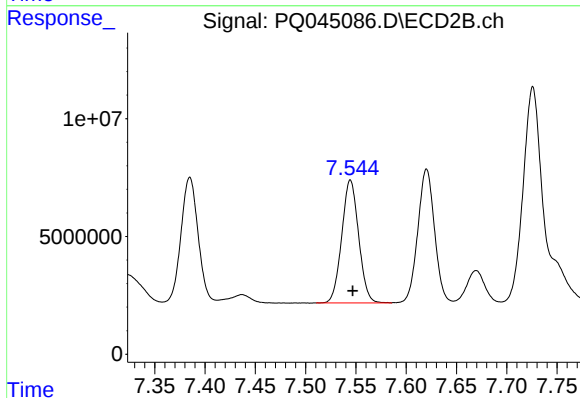
R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 62519283
Conc: 158.33 ng/ml



#33 AR-1260-3

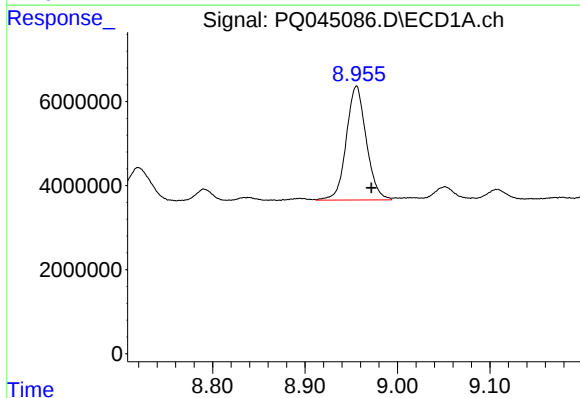
R.T.: 8.720 min
Delta R.T.: -0.019 min
Response: 13409723
Conc: 41.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



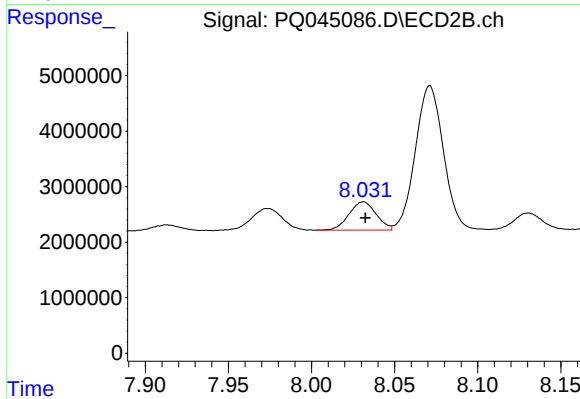
#33 AR-1260-3

R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 61005989
Conc: 178.07 ng/ml



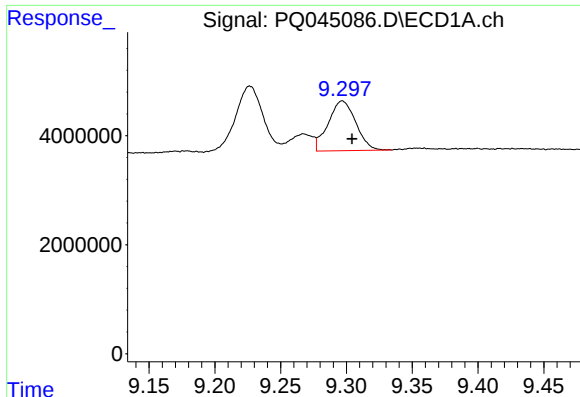
#34 AR-1260-4

R.T.: 8.956 min
Delta R.T.: -0.016 min
Response: 40715493
Conc: 107.07 ng/ml



#34 AR-1260-4

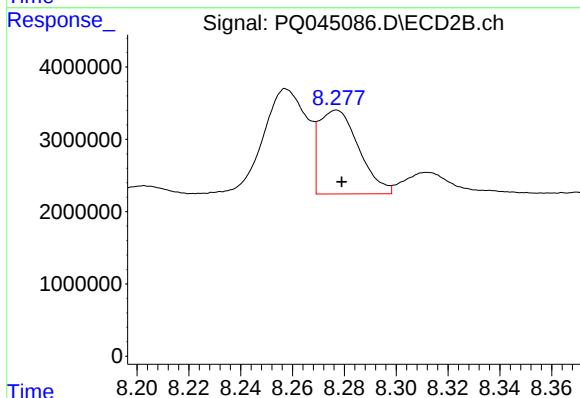
R.T.: 8.031 min
Delta R.T.: -0.001 min
Response: 5785450
Conc: 18.87 ng/ml



#35 AR-1260-5

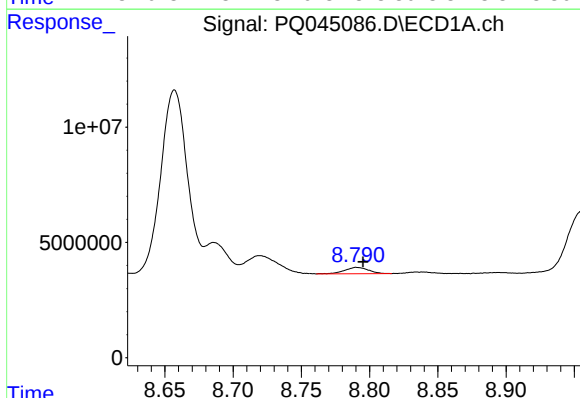
R.T.: 9.297 min
Delta R.T.: -0.007 min
Response: 13324231
Conc: 17.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



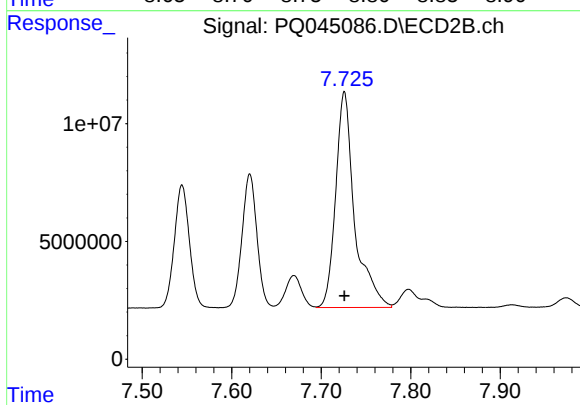
#35 AR-1260-5

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 12398402
Conc: 15.84 ng/ml



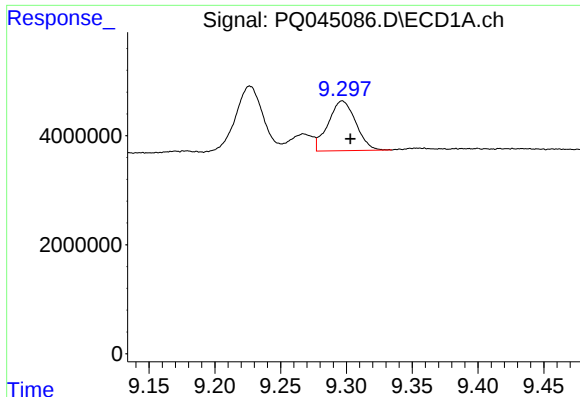
#36 AR-1262-1

R.T.: 8.791 min
Delta R.T.: -0.005 min
Response: 3369337
Conc: 16.15 ng/ml



#36 AR-1262-1

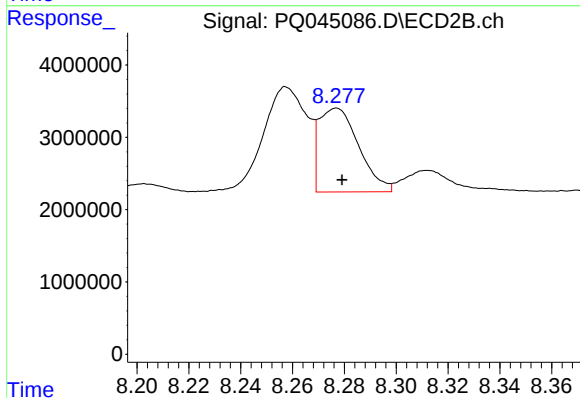
R.T.: 7.726 min
Delta R.T.: 0.000 min
Response: 134841497
Conc: 532.77 ng/ml



#37 AR-1262-2

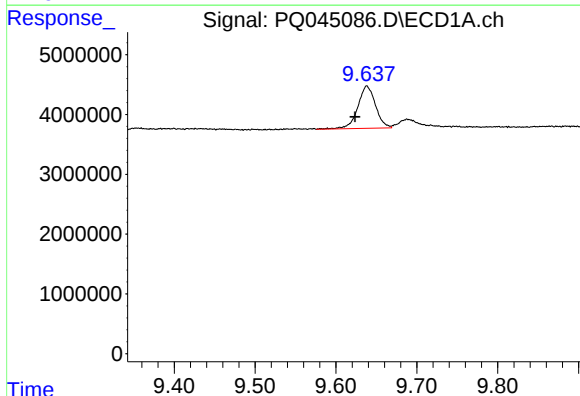
R.T.: 9.297 min
Delta R.T.: -0.006 min
Response: 13324231
Conc: 14.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



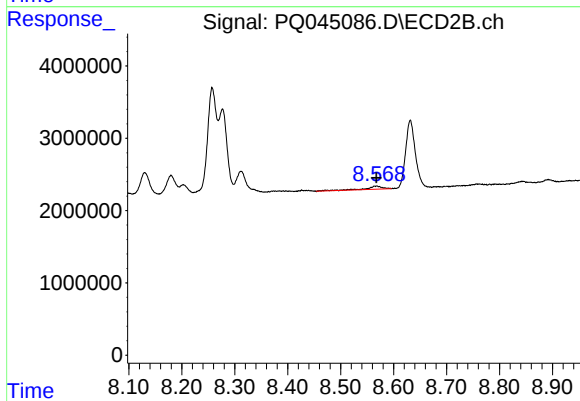
#37 AR-1262-2

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 12398402
Conc: 12.57 ng/ml



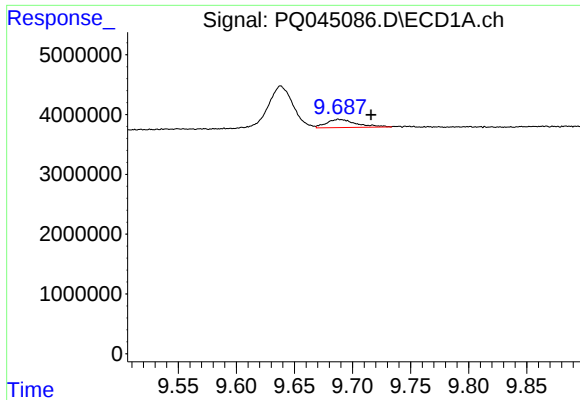
#38 AR-1262-3

R.T.: 9.638 min
Delta R.T.: 0.015 min
Response: 10727811
Conc: 17.59 ng/ml



#38 AR-1262-3

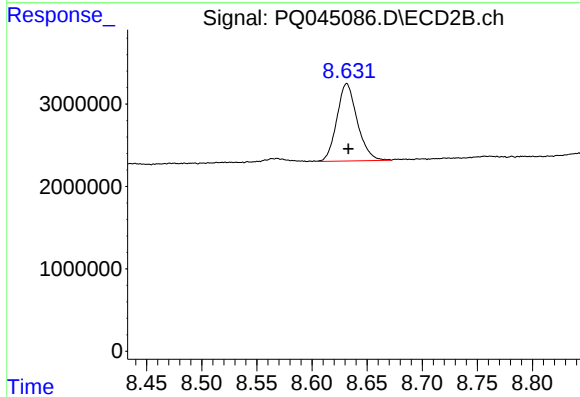
R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 938952
Conc: 2.44 ng/ml



#39 AR-1262-4

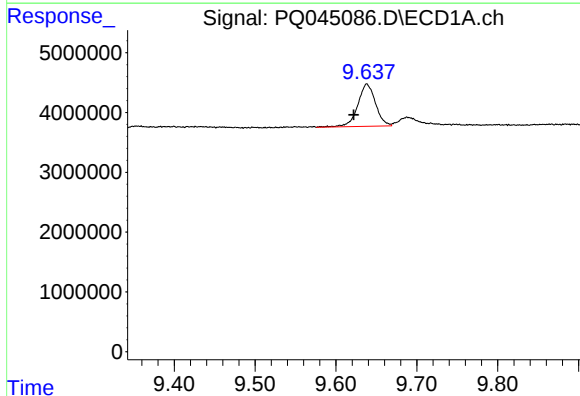
R.T.: 9.688 min
Delta R.T.: -0.028 min
Response: 2416938
Conc: 5.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



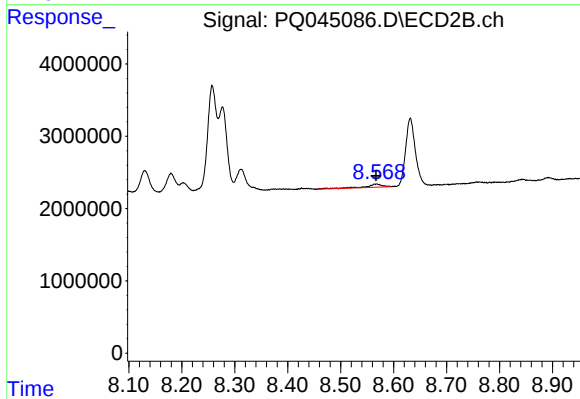
#39 AR-1262-4

R.T.: 8.632 min
Delta R.T.: -0.001 min
Response: 12082440
Conc: 16.40 ng/ml



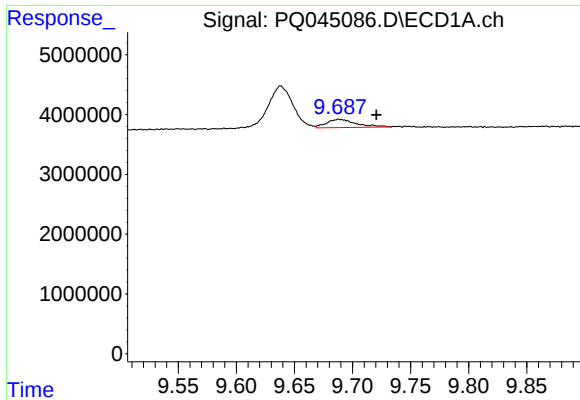
#41 AR-1268-1

R.T.: 9.638 min
Delta R.T.: 0.016 min
Response: 10727811
Conc: 9.61 ng/ml



#41 AR-1268-1

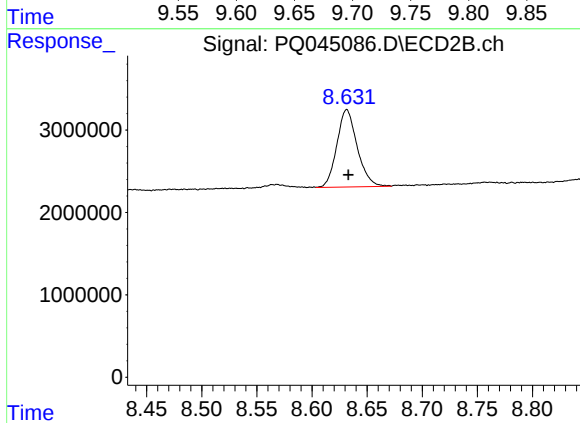
R.T.: 8.568 min
Delta R.T.: 0.001 min
Response: 938952
Conc: 0.78 ng/ml



#42 AR-1268-2

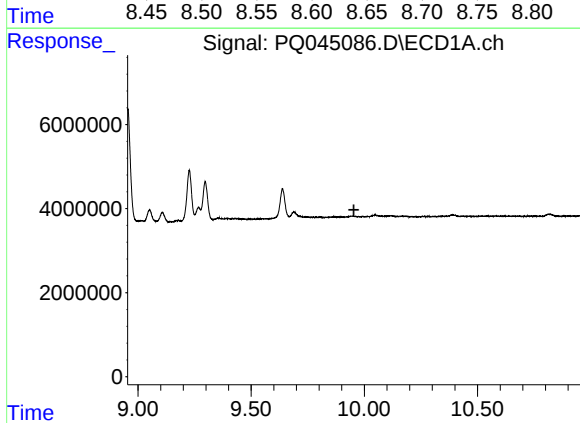
R.T.: 9.688 min
Delta R.T.: -0.032 min
Response: 2416938
Conc: 2.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254320



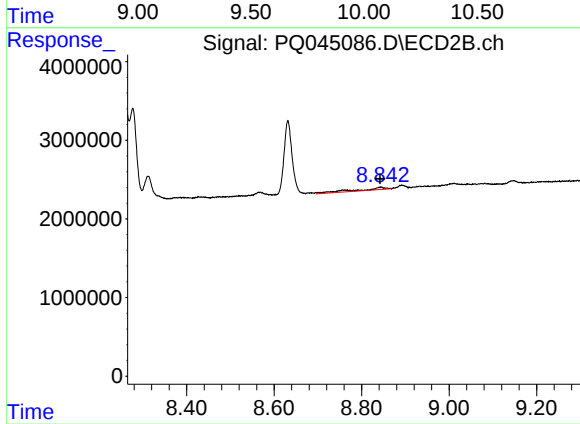
#42 AR-1268-2

R.T.: 8.632 min
Delta R.T.: -0.002 min
Response: 12082440
Conc: 10.85 ng/ml



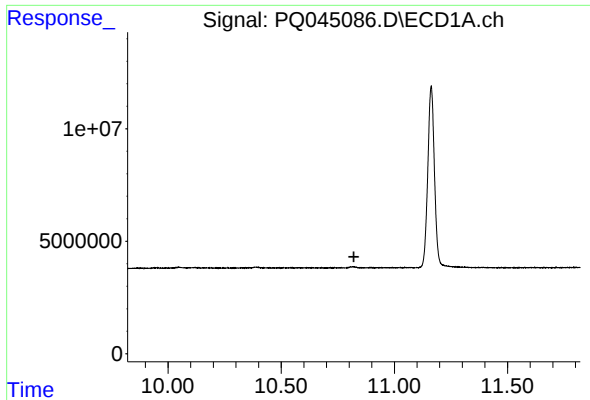
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

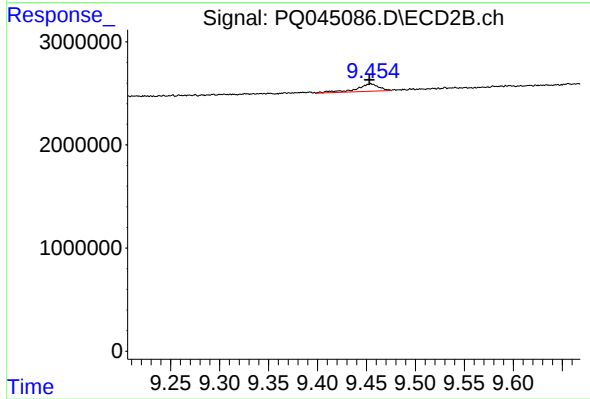
R.T.: 8.844 min
Delta R.T.: 0.001 min
Response: 1353426
Conc: 1.45 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254320



#45 AR-1268-5

R.T.: 9.454 min
Delta R.T.: 0.001 min
Response: 1136373
Conc: 0.38 ng/ml