

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
 Data File : PQ042674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 19:10
 Operator : SM\AJ
 Sample : K4417-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ15

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 05:48:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.626	4.690	58330284	53727327	19.651	21.438
2) SA Decachlor...	11.981	10.422	187.7E6	157.3E6	24.866	25.753
Target Compounds						
3) L1 AR-1016-1	0.000	6.136	0	1979360	N.D.	17.189 #
4) L1 AR-1016-2	0.000	6.164	0	2437679	N.D.	15.185 #
5) L1 AR-1016-3	0.000	6.367	0	6064615	N.D.	70.731 #
6) L1 AR-1016-4	7.248	6.433	30908563	3232971	349.788	44.772 #
7) L1 AR-1016-5	7.668	6.687	10536390	10790276	124.588	120.473
8) L2 AR-1221-1	0.000	4.988	0	731591	N.D.	22.436 #
9) L2 AR-1221-2	0.000	5.107	0	745276	N.D.	30.969 #
10) L2 AR-1221-3	0.000	5.218	0	2780973	N.D.	33.671 #
11) L3 AR-1232-1	0.000	5.218	0	2780973	N.D.	41.281 #
12) L3 AR-1232-2	0.000	6.164	0	2437679	N.D.	31.911 #
13) L3 AR-1232-3	0.000	6.367	0	6064615	N.D.	149.464 #
14) L3 AR-1232-4	7.248	6.505	30908563	6767467	758.063	170.112 #
15) L3 AR-1232-5	0.000	6.687	0	10790276	N.D.	272.102 #
16) L4 AR-1242-1	0.000	6.136	0	1979360	N.D.	19.161 #
17) L4 AR-1242-2	0.000	6.164	0	2437679	N.D.	17.202 #
18) L4 AR-1242-3	0.000	6.367	0	6064615	N.D.	80.132 #
19) L4 AR-1242-4	7.248	6.505	30908563	6767467	401.875	88.377 #
20) L4 AR-1242-5	8.130	7.082	17351001	57333645	183.891	511.469 #
21) L5 AR-1248-1	0.000	6.136	0	1979360	N.D.	24.080 #
22) L5 AR-1248-2	0.000	6.433	0	3232971	N.D.	29.347 #
23) L5 AR-1248-3	7.668	6.505	10536390	6767467	83.030	60.051 #
24) L5 AR-1248-4	8.066	6.687	191.5E6	10790276	1155.412	78.982 #
25) L5 AR-1248-5	8.130	7.141	17351001	12820443	108.982	81.439 #
26) L6 AR-1254-1	8.066	7.082	191.5E6	57333645	1305.377	254.087 #
27) L6 AR-1254-2	8.279	7.253	50673296	9499522	211.249	46.979 #
28) L6 AR-1254-3	8.674	7.726	28599976	14430344	100.319	40.978 #
29) L6 AR-1254-4	0.000	7.971	0	6874965	N.D.	26.792 #
30) L6 AR-1254-5	9.425	8.399	12100495	13464297	46.865	37.054
31) L7 AR-1260-1	0.000	7.849	0	6658498	N.D.	32.635 #
32) L7 AR-1260-2	9.104	8.050	66604915	6642123	277.106	24.795 #
33) L7 AR-1260-3	9.425	8.215	12100495	4684948	55.968	19.655 #
34) L7 AR-1260-4	0.000	8.713	0	2725914	N.D.	12.024 #
35) L7 AR-1260-5	0.000	8.963	0	7795806	N.D.	12.518 #
36) L8 AR-1262-1	0.000	8.504	0	4162488	N.D.	24.316 #
37) L8 AR-1262-2	0.000	8.963	0	7795806	N.D.	9.332 #
38) L8 AR-1262-3	0.000	9.258	0	6018573	N.D.	16.933 #
39) L8 AR-1262-4	0.000	9.323	0	5859415	N.D.	9.087 #
40) L8 AR-1262-5	0.000	9.839	0	4058294	N.D.	12.829 #
41) L9 AR-1268-1	0.000	9.258	0	6018573	N.D.	5.995 #
42) L9 AR-1268-2	0.000	9.323	0	5859415	N.D.	6.240 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
Data File : PQ042674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2019 19:10
Operator : SM\AJ
Sample : K4417-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

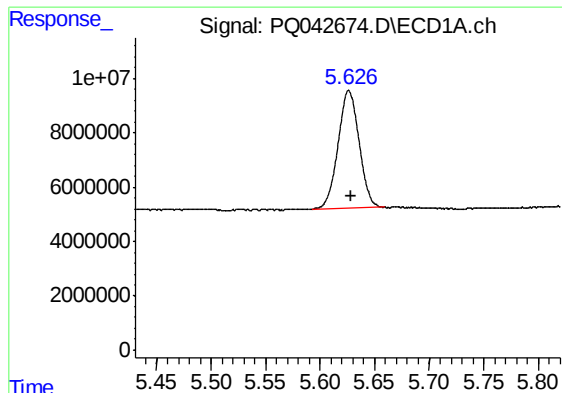
Instrument :
ECD_Q
ClientSampleId :
ETQ15

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 05:48:05 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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	9.532	0	6978149	N.D.	8.761 #
44)	L9 AR-1268-4	0.000	9.839	0	4058294	N.D.	11.858 #
45)	L9 AR-1268-5	0.000	10.152	0	1532770	N.D.	0.598 #

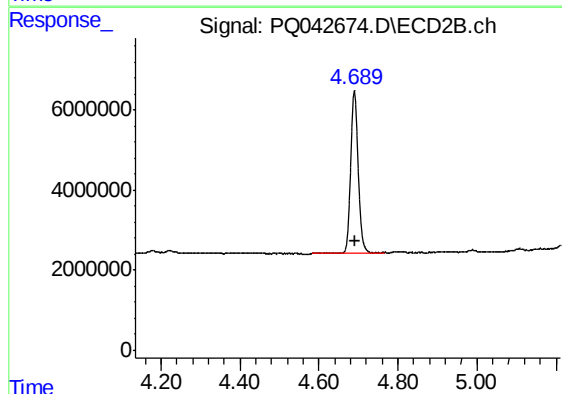
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

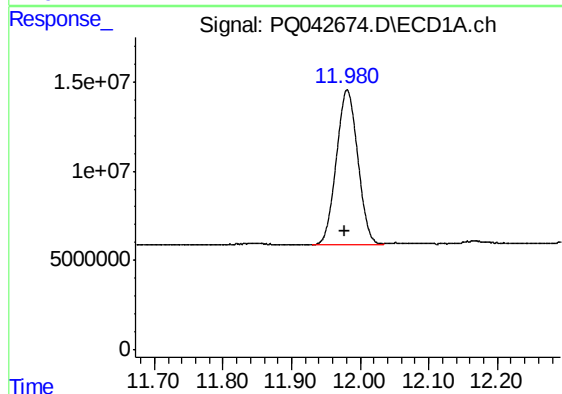
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 58330284
Conc: 19.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ15



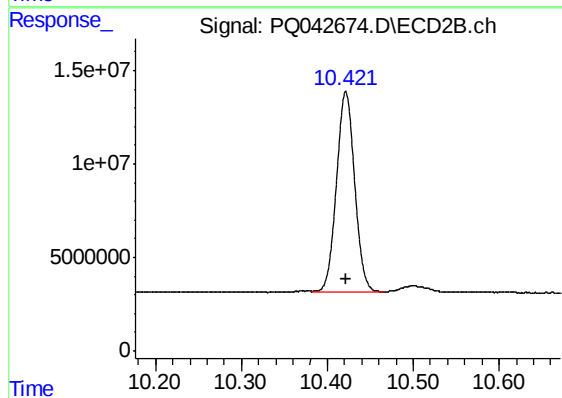
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 53727327
Conc: 21.44 ng/ml



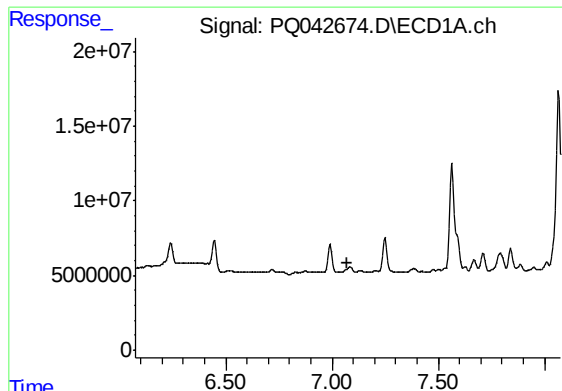
#2 Decachlorobiphenyl

R.T.: 11.981 min
Delta R.T.: 0.003 min
Response: 187704497
Conc: 24.87 ng/ml



#2 Decachlorobiphenyl

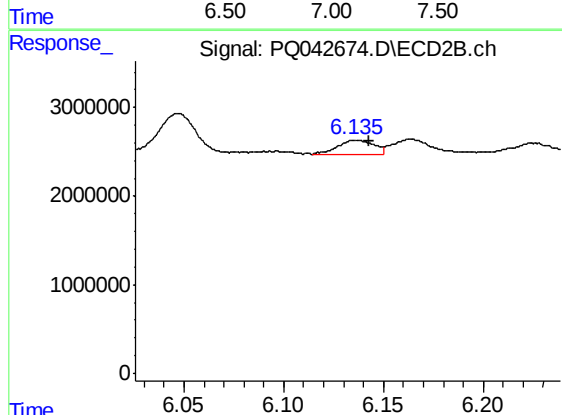
R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 157259556
Conc: 25.75 ng/ml



#3 AR-1016-1

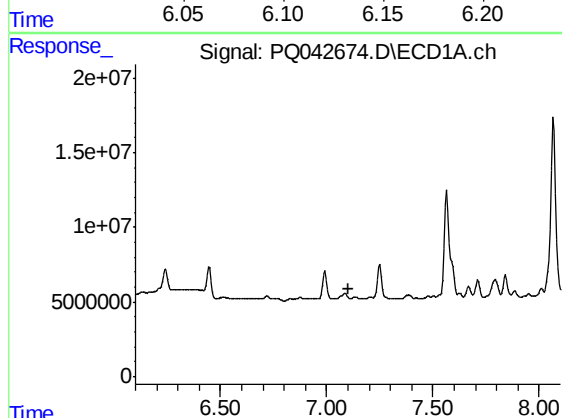
R.T.: 0.000 min
Exp R.T.: 7.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



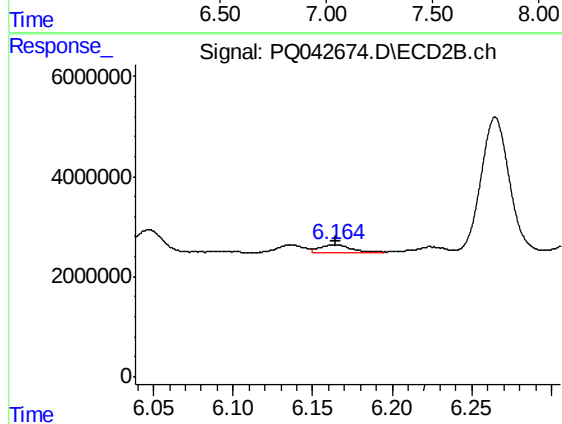
#3 AR-1016-1

R.T.: 6.136 min
Delta R.T.: -0.007 min
Response: 1979360
Conc: 17.19 ng/ml



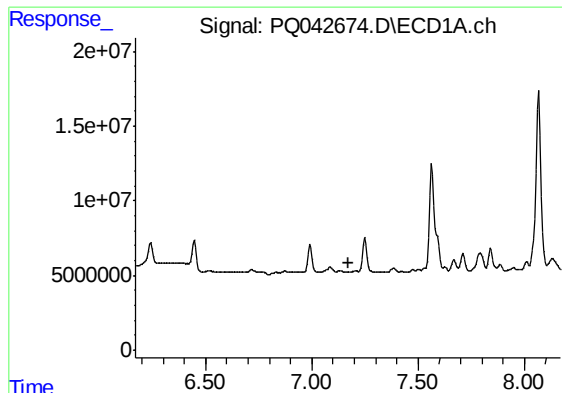
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.100 min
Response: 0
Conc: N.D.



#4 AR-1016-2

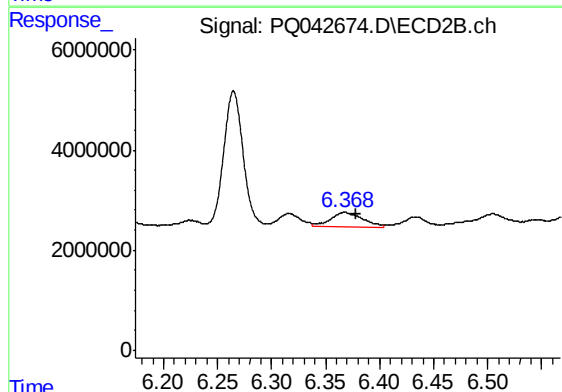
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 2437679
Conc: 15.19 ng/ml



#5 AR-1016-3

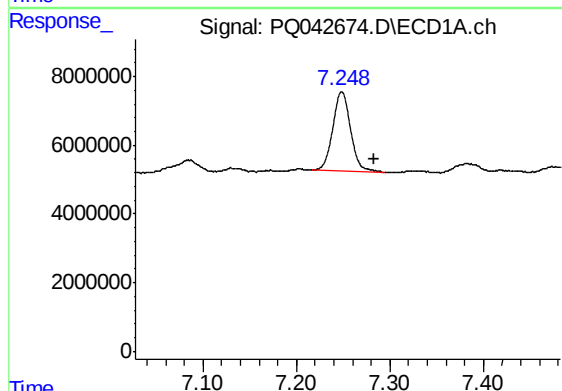
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



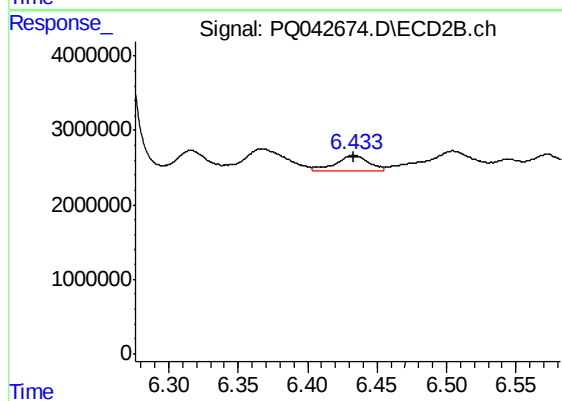
#5 AR-1016-3

R.T.: 6.367 min
Delta R.T.: -0.011 min
Response: 6064615
Conc: 70.73 ng/ml



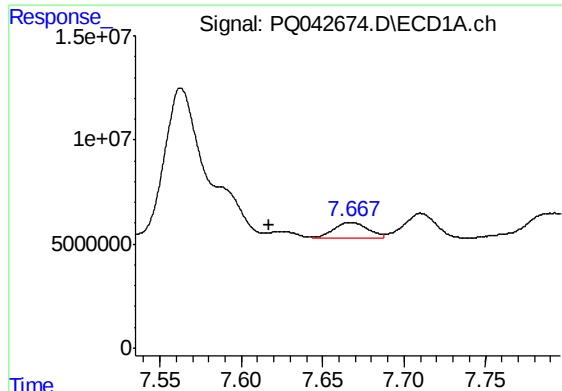
#6 AR-1016-4

R.T.: 7.248 min
Delta R.T.: -0.035 min
Response: 30908563
Conc: 349.79 ng/ml



#6 AR-1016-4

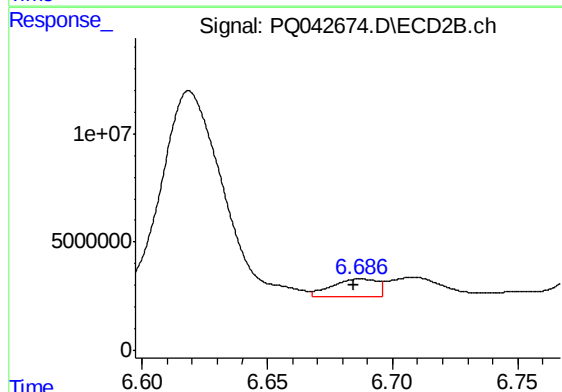
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 3232971
Conc: 44.77 ng/ml



#7 AR-1016-5

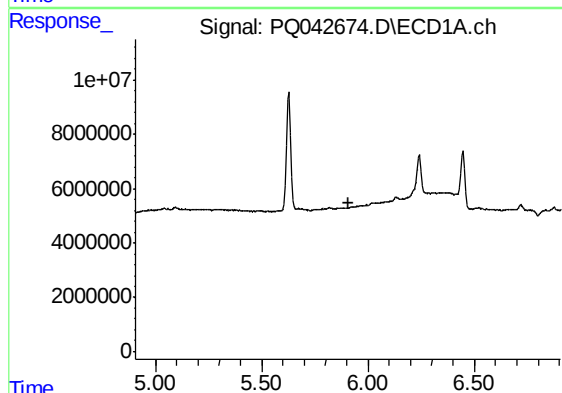
R.T.: 7.668 min
Delta R.T.: 0.050 min
Response: 10536390
Conc: 124.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ15



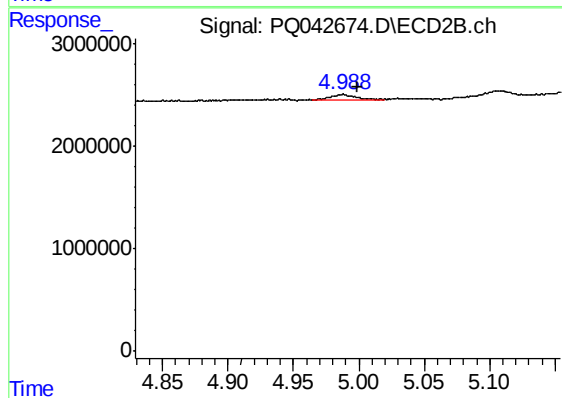
#7 AR-1016-5

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 10790276
Conc: 120.47 ng/ml



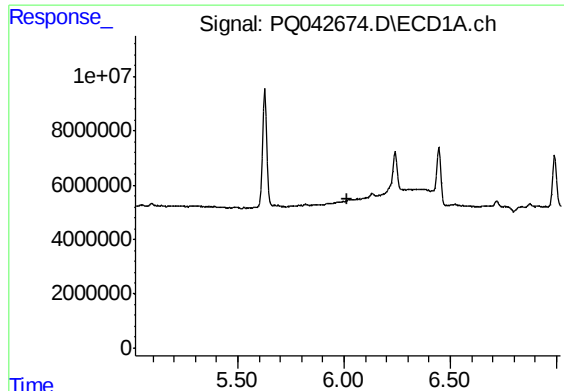
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.906 min
Response: 0
Conc: N.D.



#8 AR-1221-1

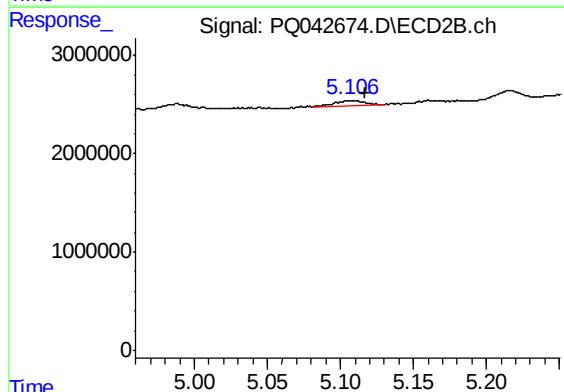
R.T.: 4.988 min
Delta R.T.: -0.010 min
Response: 731591
Conc: 22.44 ng/ml



#9 AR-1221-2

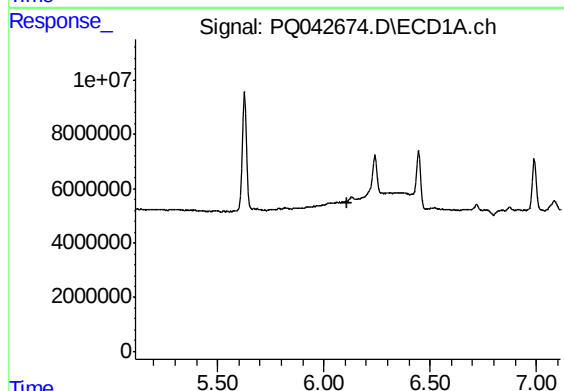
R.T.: 0.000 min
Exp R.T. : 6.018 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



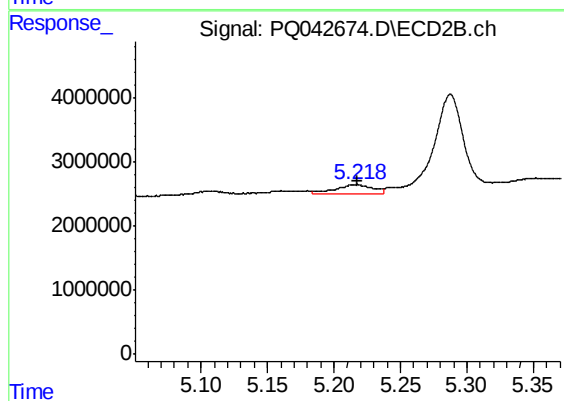
#9 AR-1221-2

R.T.: 5.107 min
Delta R.T.: -0.009 min
Response: 745276
Conc: 30.97 ng/ml



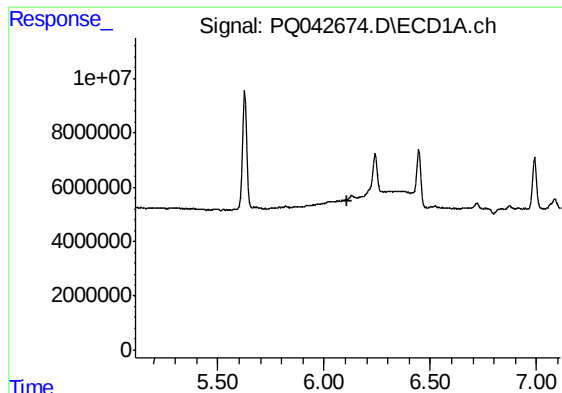
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.



#10 AR-1221-3

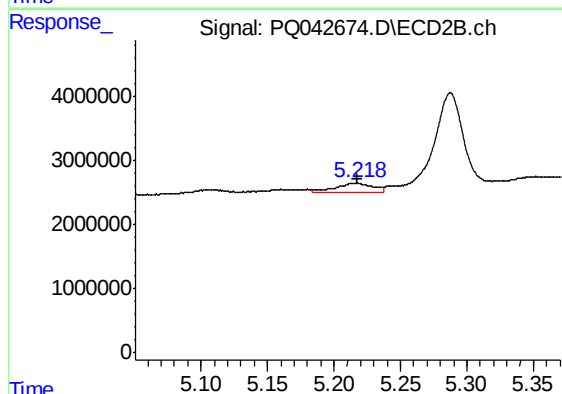
R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 2780973
Conc: 33.67 ng/ml



#11 AR-1232-1

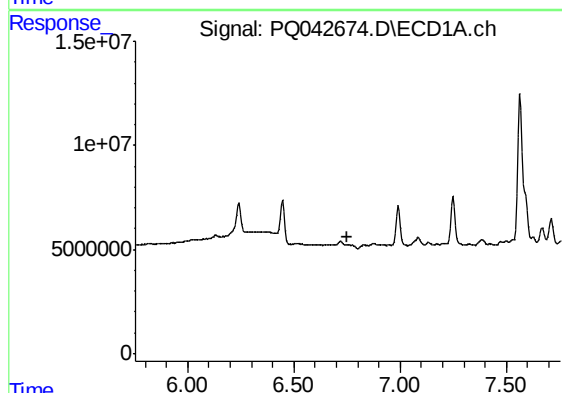
R.T.: 0.000 min
Exp R.T. : 6.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



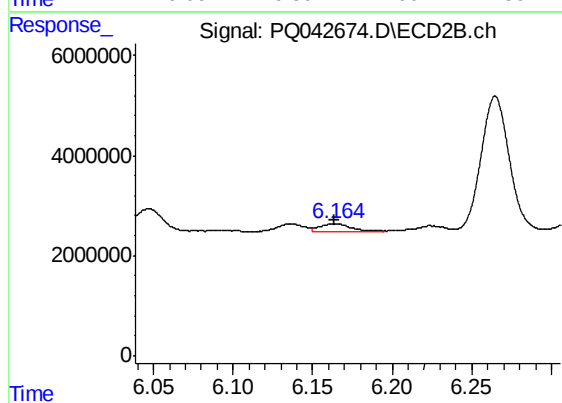
#11 AR-1232-1

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 2780973
Conc: 41.28 ng/ml



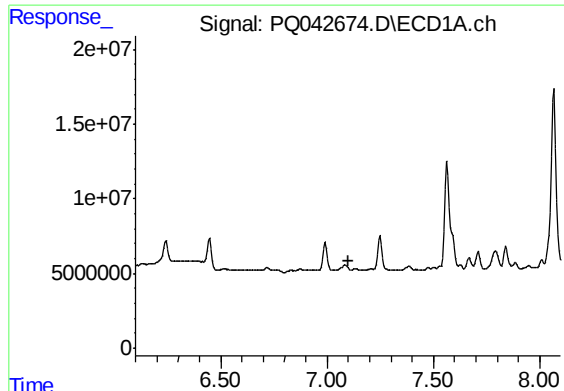
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.754 min
Response: 0
Conc: N.D.



#12 AR-1232-2

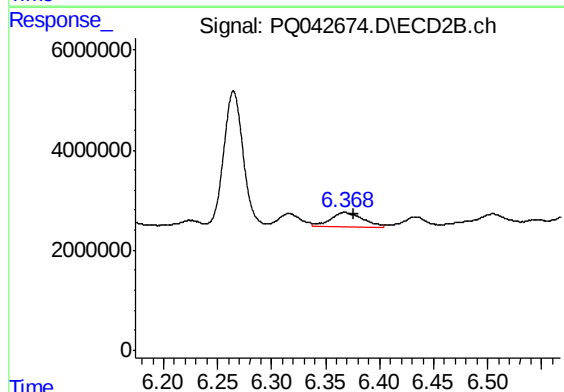
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 2437679
Conc: 31.91 ng/ml



#13 AR-1232-3

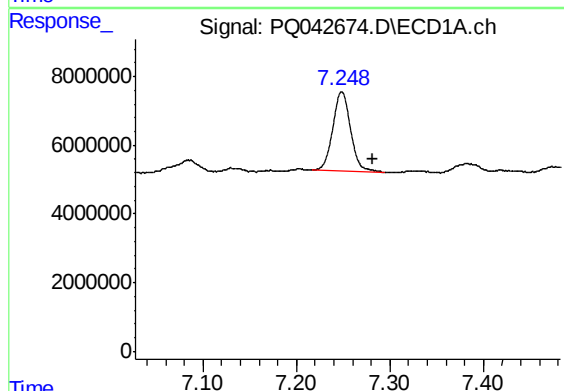
R.T.: 0.000 min
Exp R.T.: 7.098 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



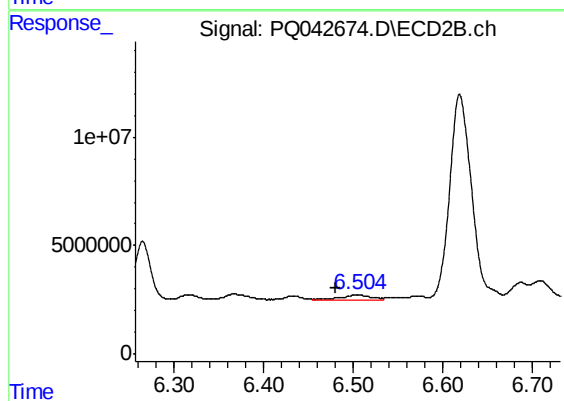
#13 AR-1232-3

R.T.: 6.367 min
Delta R.T.: -0.009 min
Response: 6064615
Conc: 149.46 ng/ml



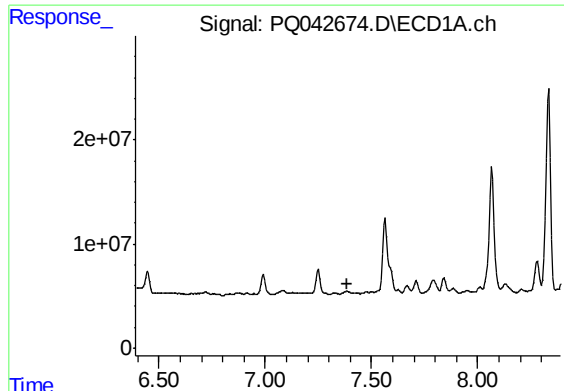
#14 AR-1232-4

R.T.: 7.248 min
Delta R.T.: -0.033 min
Response: 30908563
Conc: 758.06 ng/ml



#14 AR-1232-4

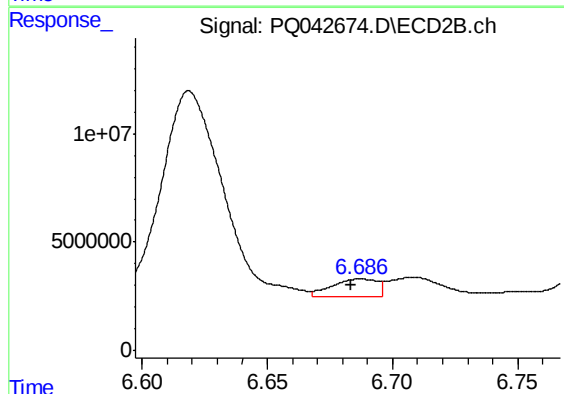
R.T.: 6.505 min
Delta R.T.: 0.024 min
Response: 6767467
Conc: 170.11 ng/ml



#15 AR-1232-5

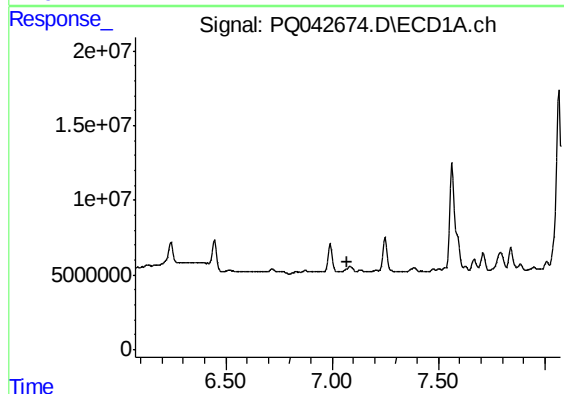
R.T.: 0.000 min
Exp R.T. : 7.389 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



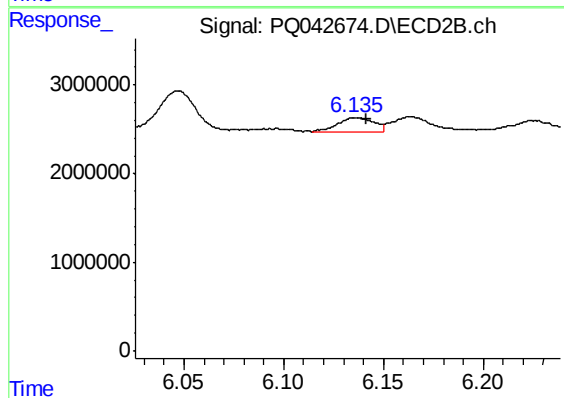
#15 AR-1232-5

R.T.: 6.687 min
Delta R.T.: 0.004 min
Response: 10790276
Conc: 272.10 ng/ml



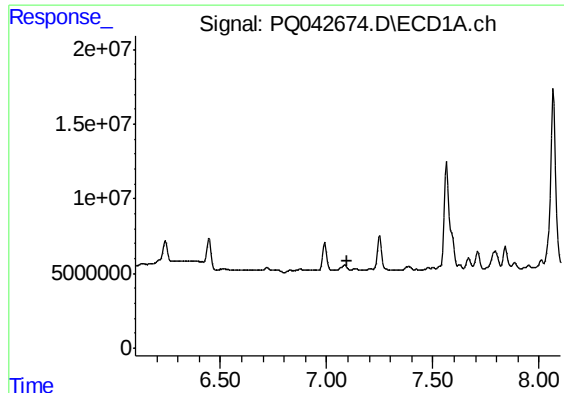
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.074 min
Response: 0
Conc: N.D.



#16 AR-1242-1

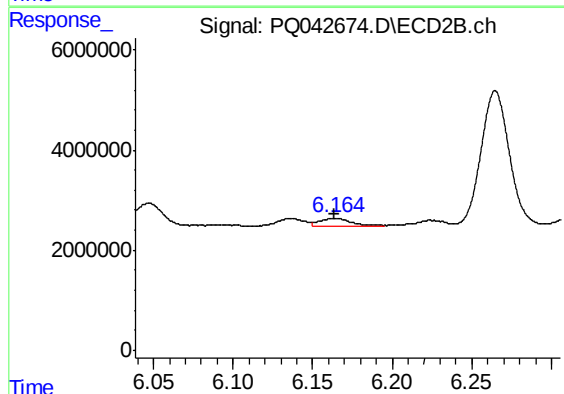
R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 1979360
Conc: 19.16 ng/ml



#17 AR-1242-2

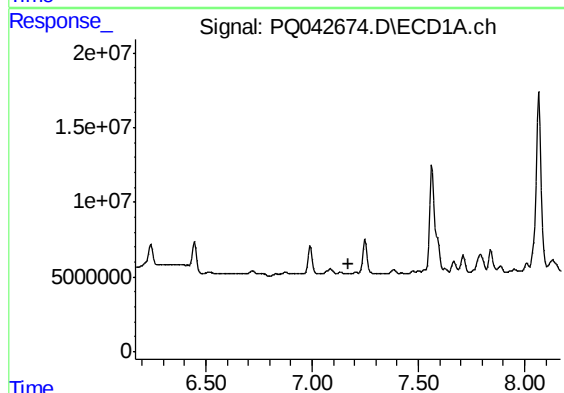
R.T.: 0.000 min
Exp R.T. : 7.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



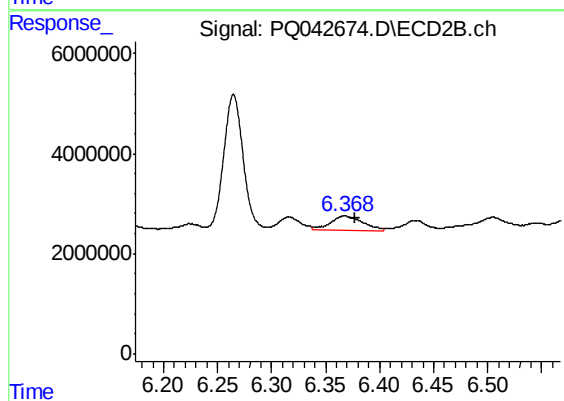
#17 AR-1242-2

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 2437679
Conc: 17.20 ng/ml



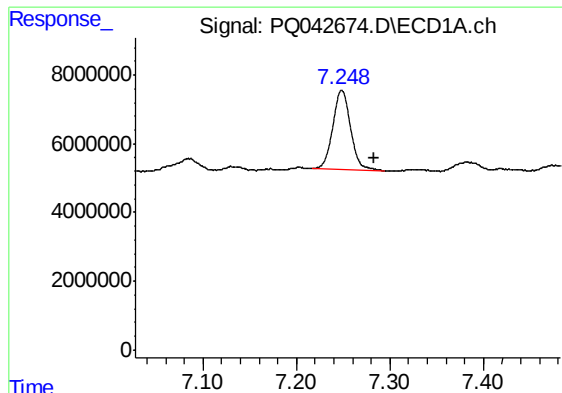
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.169 min
Response: 0
Conc: N.D.



#18 AR-1242-3

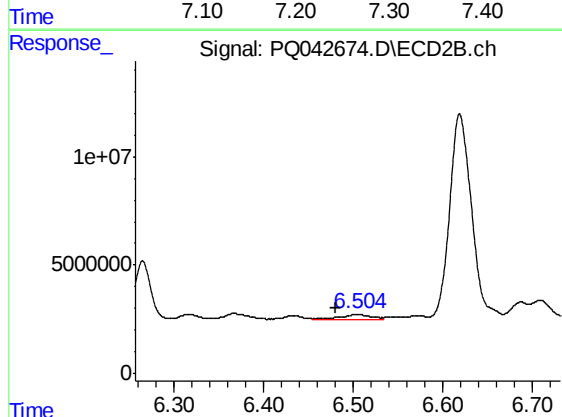
R.T.: 6.367 min
Delta R.T.: -0.010 min
Response: 6064615
Conc: 80.13 ng/ml



#19 AR-1242-4

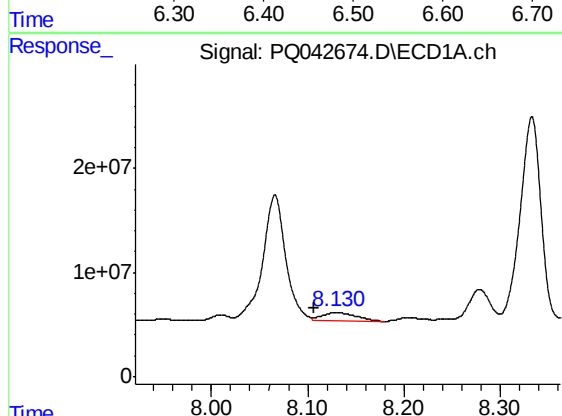
R.T.: 7.248 min
Delta R.T.: -0.035 min
Response: 30908563
Conc: 401.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ15



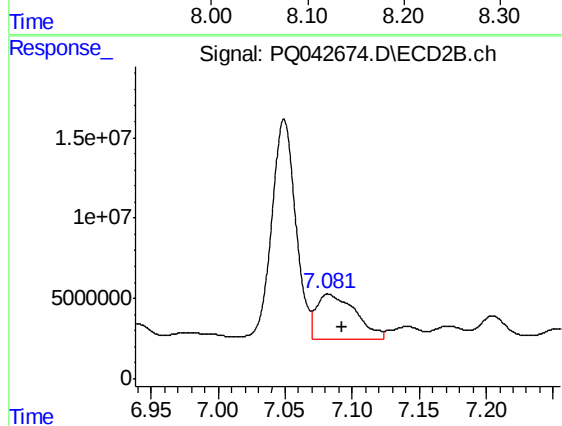
#19 AR-1242-4

R.T.: 6.505 min
Delta R.T.: 0.024 min
Response: 6767467
Conc: 88.38 ng/ml



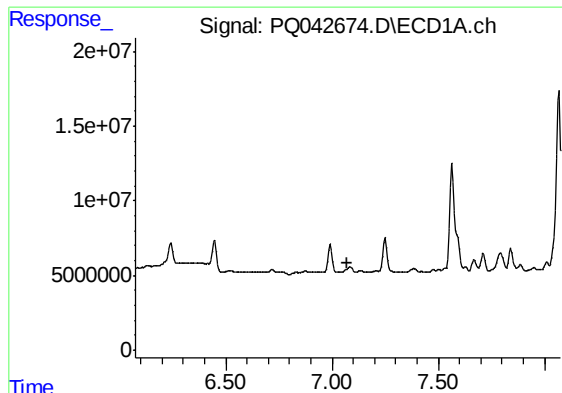
#20 AR-1242-5

R.T.: 8.130 min
Delta R.T.: 0.024 min
Response: 17351001
Conc: 183.89 ng/ml



#20 AR-1242-5

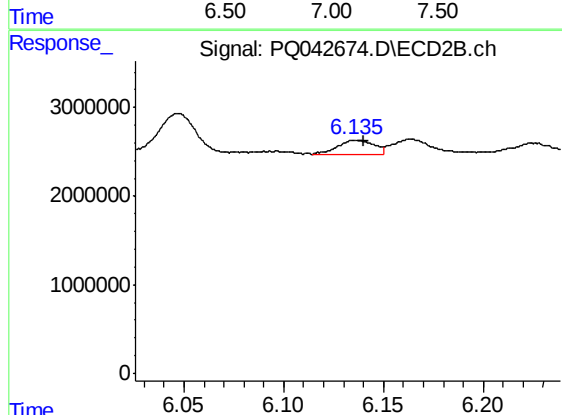
R.T.: 7.082 min
Delta R.T.: -0.010 min
Response: 57333645
Conc: 511.47 ng/ml



#21 AR-1248-1

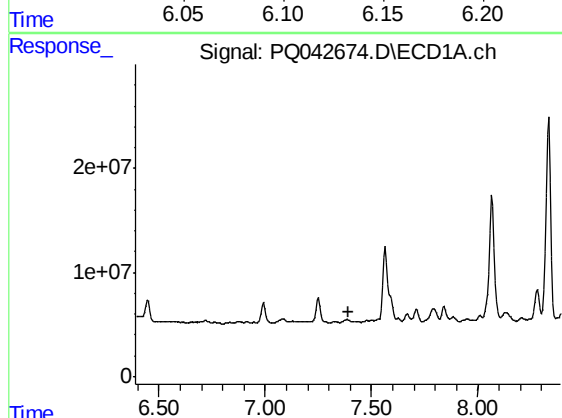
R.T.: 0.000 min
Exp R.T.: 7.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



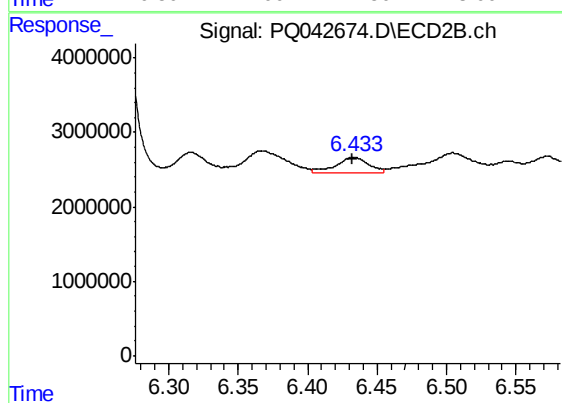
#21 AR-1248-1

R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 1979360
Conc: 24.08 ng/ml



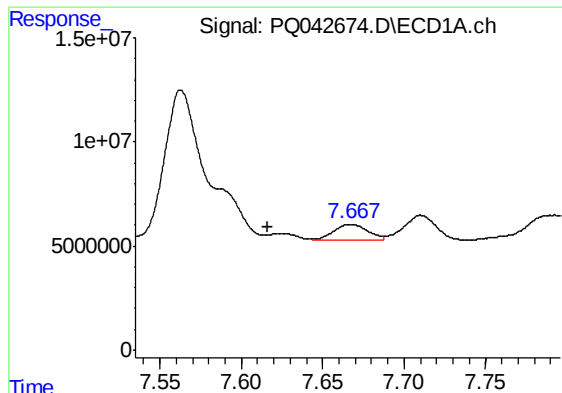
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.389 min
Response: 0
Conc: N.D.



#22 AR-1248-2

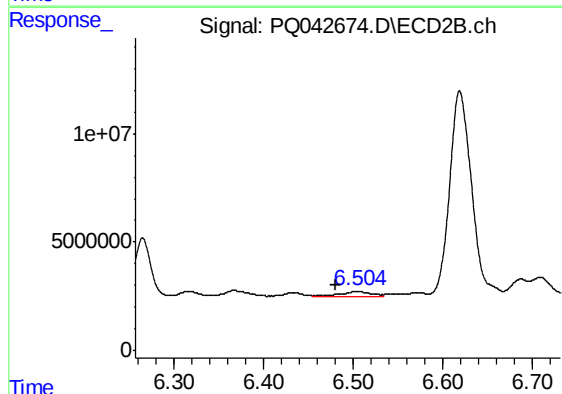
R.T.: 6.433 min
Delta R.T.: 0.001 min
Response: 3232971
Conc: 29.35 ng/ml



#23 AR-1248-3

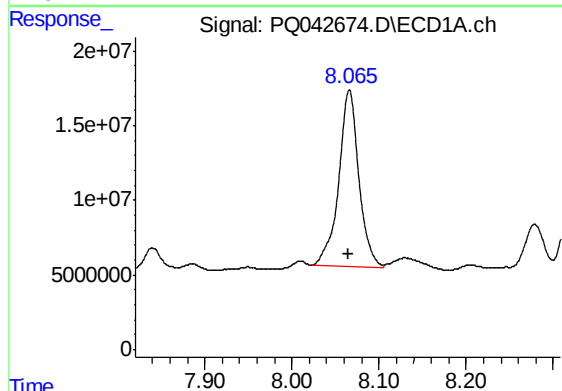
R.T.: 7.668 min
Delta R.T.: 0.051 min
Response: 10536390
Conc: 83.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ15



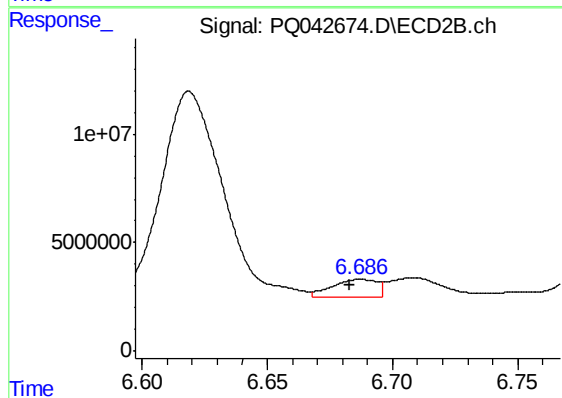
#23 AR-1248-3

R.T.: 6.505 min
Delta R.T.: 0.025 min
Response: 6767467
Conc: 60.05 ng/ml



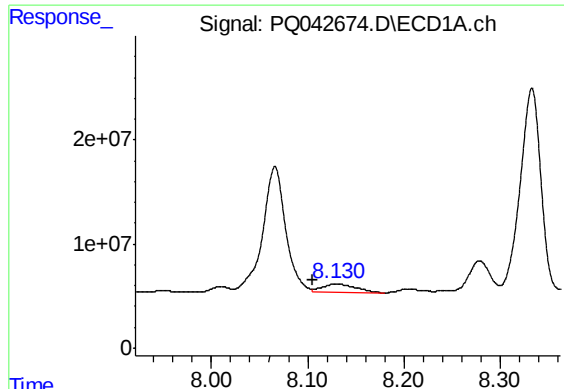
#24 AR-1248-4

R.T.: 8.066 min
Delta R.T.: 0.001 min
Response: 191536942
Conc: 1155.41 ng/ml



#24 AR-1248-4

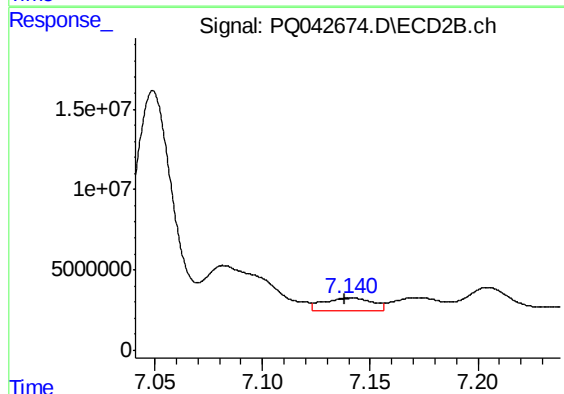
R.T.: 6.687 min
Delta R.T.: 0.004 min
Response: 10790276
Conc: 78.98 ng/ml



#25 AR-1248-5

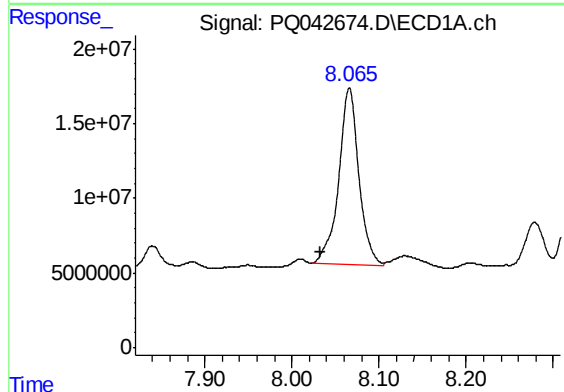
R.T.: 8.130 min
Delta R.T.: 0.025 min
Response: 17351001
Conc: 108.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ15



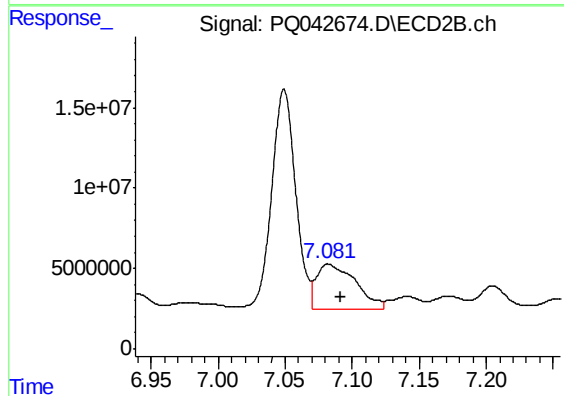
#25 AR-1248-5

R.T.: 7.141 min
Delta R.T.: 0.003 min
Response: 12820443
Conc: 81.44 ng/ml



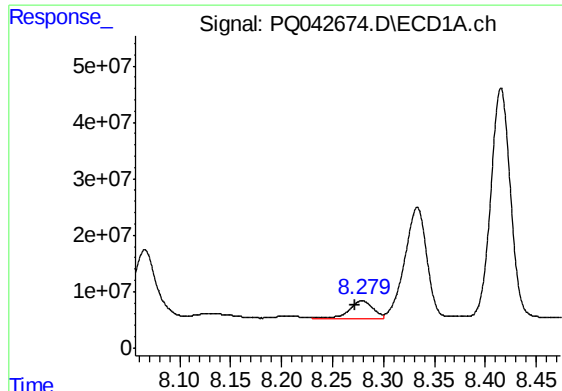
#26 AR-1254-1

R.T.: 8.066 min
Delta R.T.: 0.033 min
Response: 191536942
Conc: 1305.38 ng/ml



#26 AR-1254-1

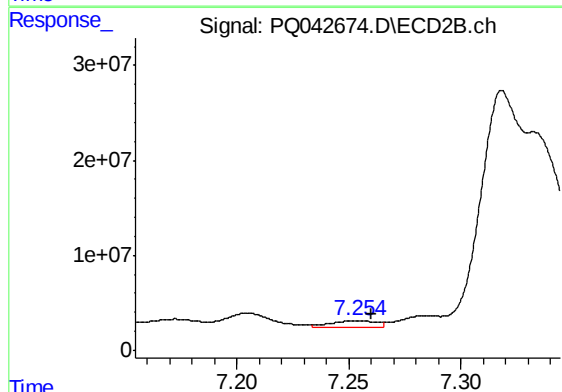
R.T.: 7.082 min
Delta R.T.: -0.009 min
Response: 57333645
Conc: 254.09 ng/ml



#27 AR-1254-2

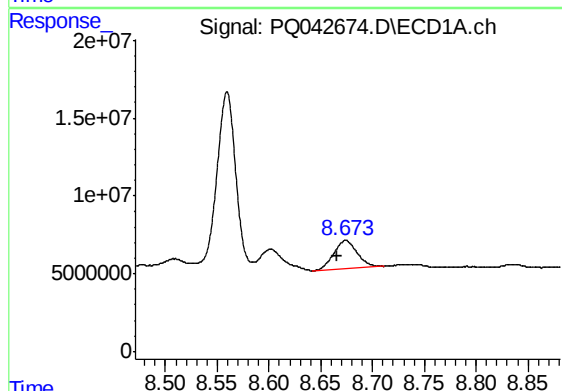
R.T.: 8.279 min
Delta R.T.: 0.007 min
Response: 50673296
Conc: 211.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ15



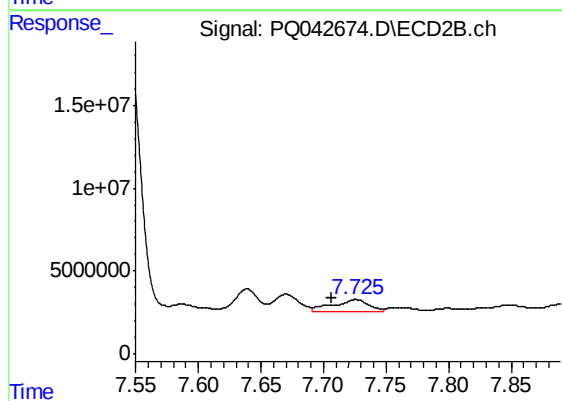
#27 AR-1254-2

R.T.: 7.253 min
Delta R.T.: -0.007 min
Response: 9499522
Conc: 46.98 ng/ml



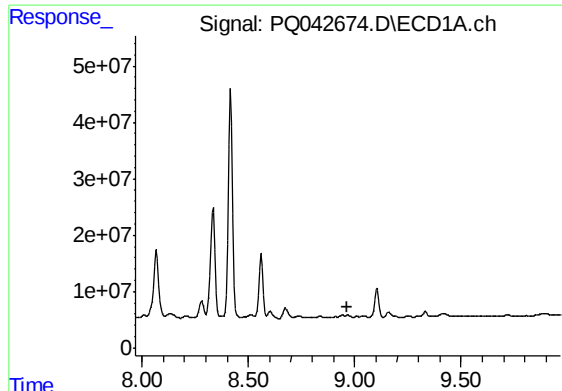
#28 AR-1254-3

R.T.: 8.674 min
Delta R.T.: 0.008 min
Response: 28599976
Conc: 100.32 ng/ml



#28 AR-1254-3

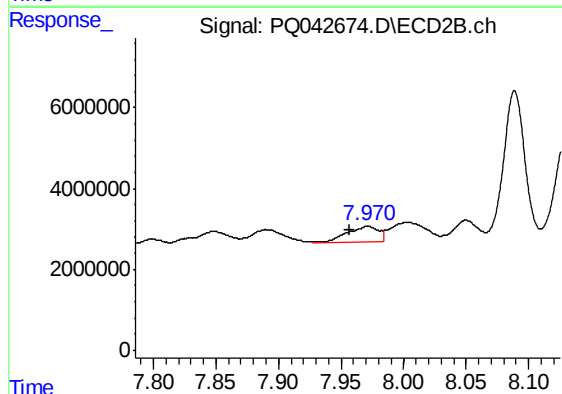
R.T.: 7.726 min
Delta R.T.: 0.019 min
Response: 14430344
Conc: 40.98 ng/ml



#29 AR-1254-4

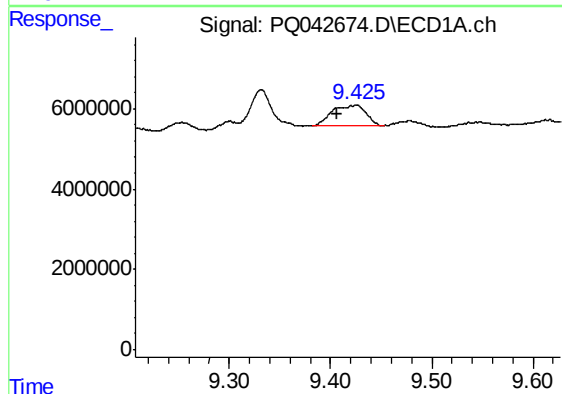
R.T.: 0.000 min
Exp R.T.: 8.968 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



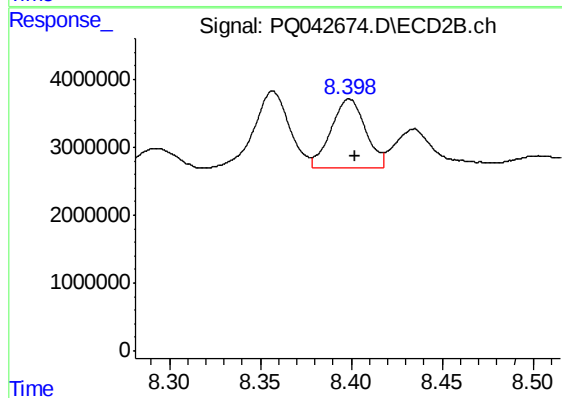
#29 AR-1254-4

R.T.: 7.971 min
Delta R.T.: 0.014 min
Response: 6874965
Conc: 26.79 ng/ml



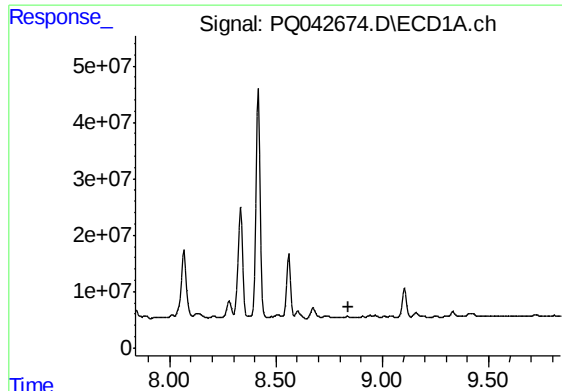
#30 AR-1254-5

R.T.: 9.425 min
Delta R.T.: 0.019 min
Response: 12100495
Conc: 46.87 ng/ml



#30 AR-1254-5

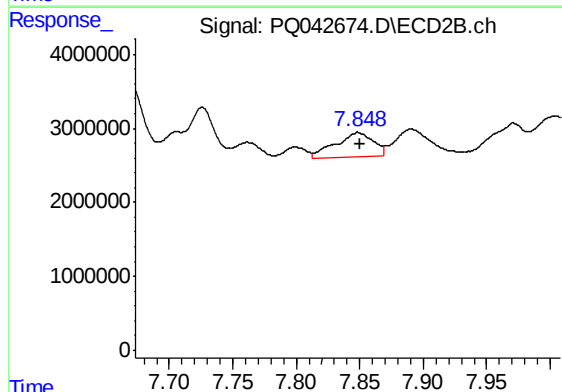
R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 13464297
Conc: 37.05 ng/ml



#31 AR-1260-1

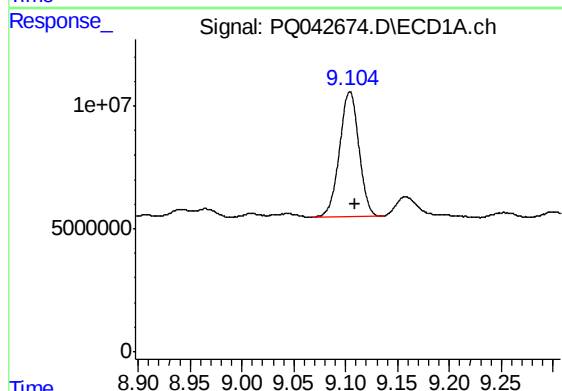
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



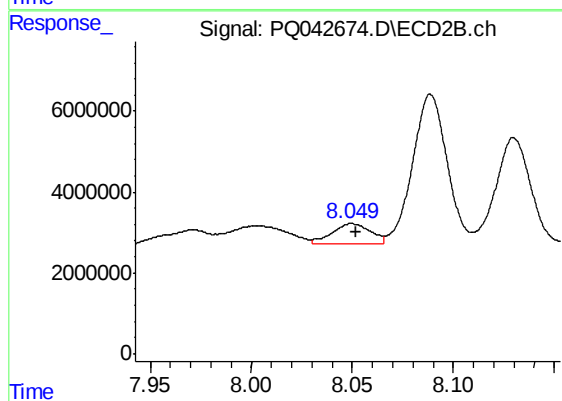
#31 AR-1260-1

R.T.: 7.849 min
Delta R.T.: -0.001 min
Response: 6658498
Conc: 32.64 ng/ml



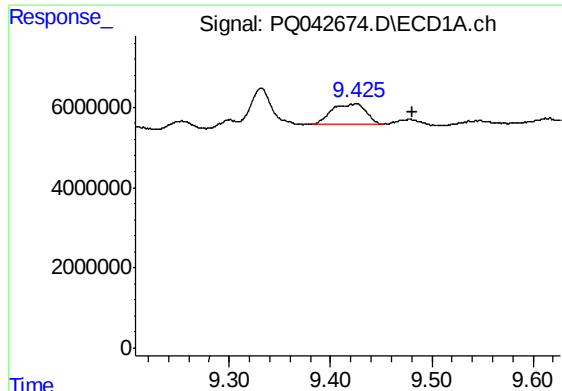
#32 AR-1260-2

R.T.: 9.104 min
Delta R.T.: -0.005 min
Response: 66604915
Conc: 277.11 ng/ml



#32 AR-1260-2

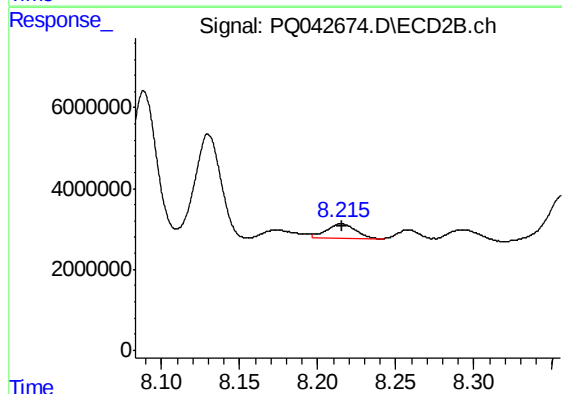
R.T.: 8.050 min
Delta R.T.: -0.003 min
Response: 6642123
Conc: 24.80 ng/ml



#33 AR-1260-3

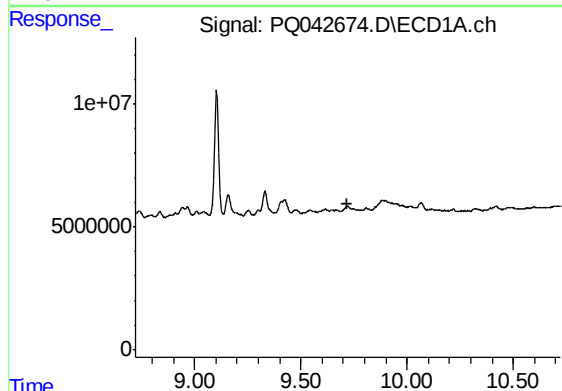
R.T.: 9.425 min
Delta R.T.: -0.056 min
Response: 12100495
Conc: 55.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ15



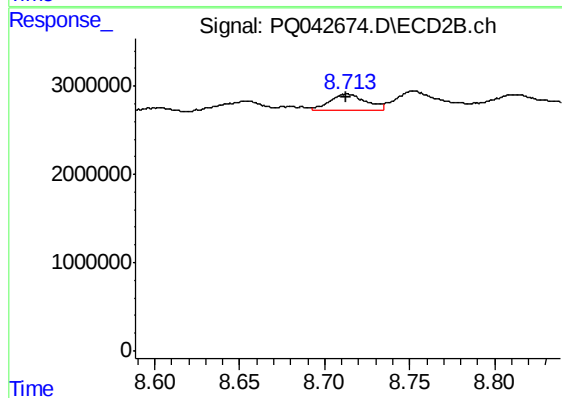
#33 AR-1260-3

R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 4684948
Conc: 19.65 ng/ml



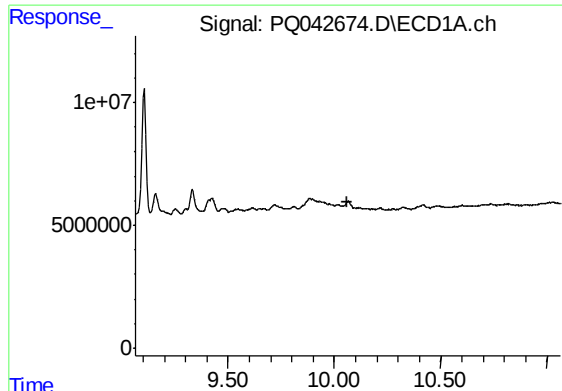
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.722 min
Response: 0
Conc: N.D.



#34 AR-1260-4

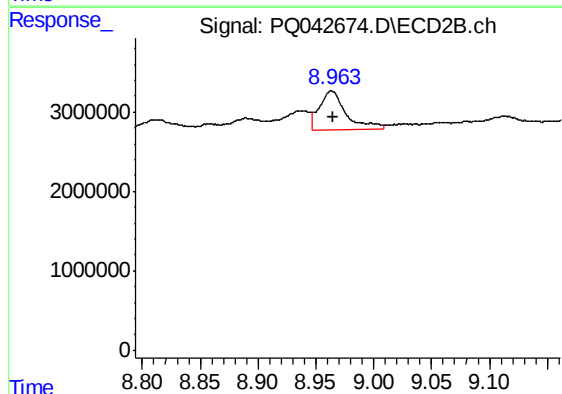
R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 2725914
Conc: 12.02 ng/ml



#35 AR-1260-5

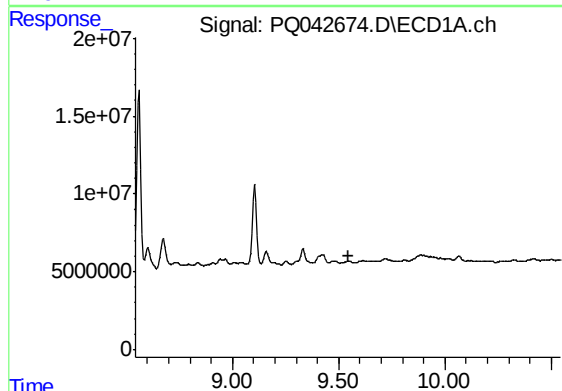
R.T.: 0.000 min
Exp R.T. : 10.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



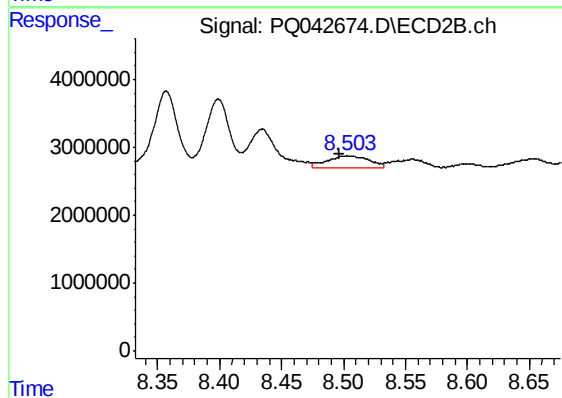
#35 AR-1260-5

R.T.: 8.963 min
Delta R.T.: -0.001 min
Response: 7795806
Conc: 12.52 ng/ml



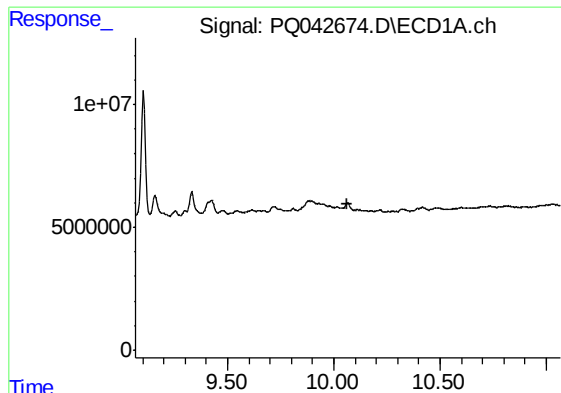
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.544 min
Response: 0
Conc: N.D.



#36 AR-1262-1

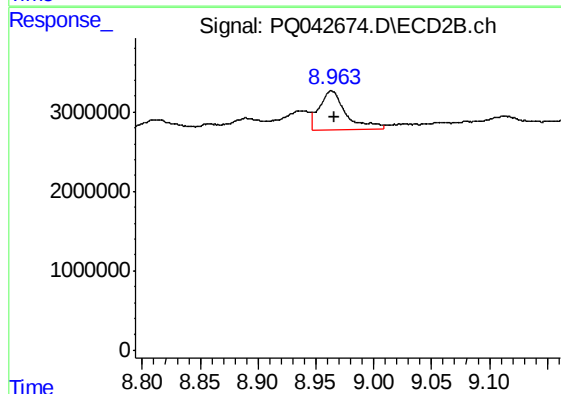
R.T.: 8.504 min
Delta R.T.: 0.008 min
Response: 4162488
Conc: 24.32 ng/ml



#37 AR-1262-2

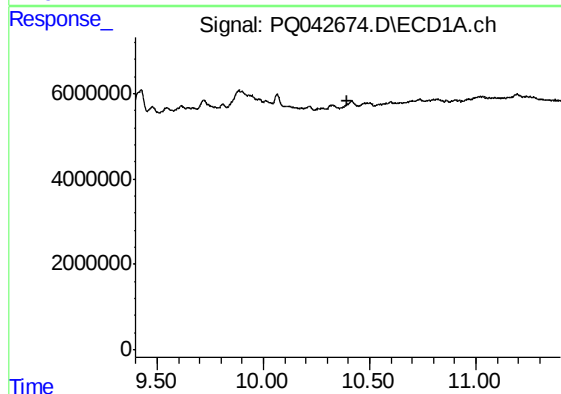
R.T.: 0.000 min
Exp R.T. : 10.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



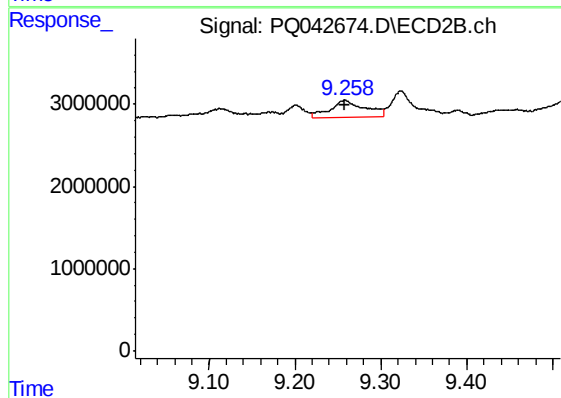
#37 AR-1262-2

R.T.: 8.963 min
Delta R.T.: -0.003 min
Response: 7795806
Conc: 9.33 ng/ml



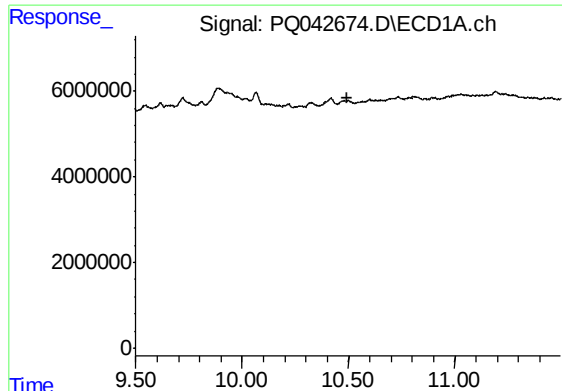
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.398 min
Response: 0
Conc: N.D.



#38 AR-1262-3

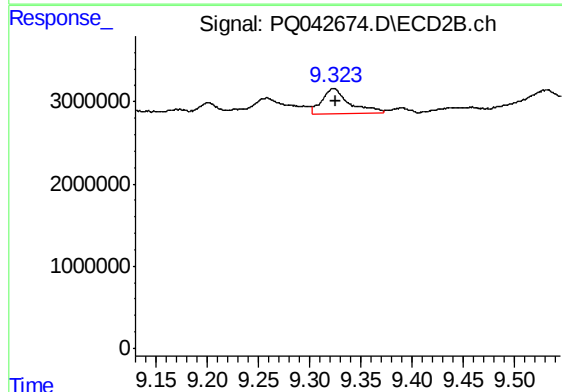
R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 6018573
Conc: 16.93 ng/ml



#39 AR-1262-4

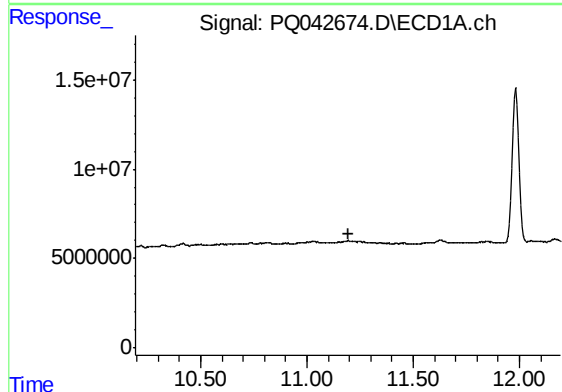
R.T.: 0.000 min
Exp R.T.: 10.497 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



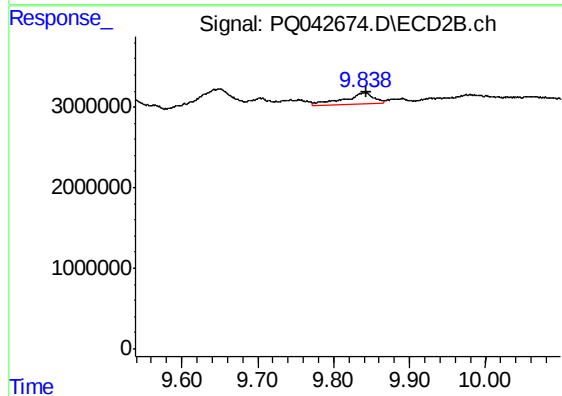
#39 AR-1262-4

R.T.: 9.323 min
Delta R.T.: -0.002 min
Response: 5859415
Conc: 9.09 ng/ml



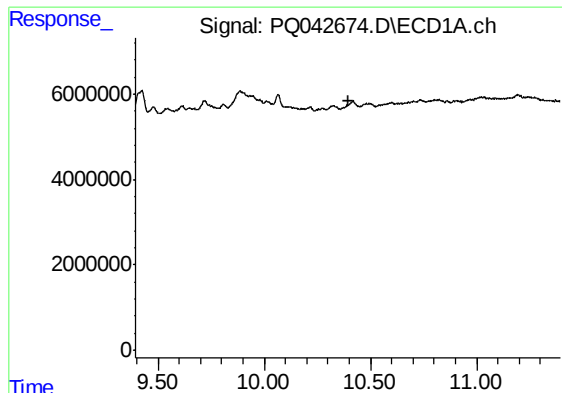
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.193 min
Response: 0
Conc: N.D.



#40 AR-1262-5

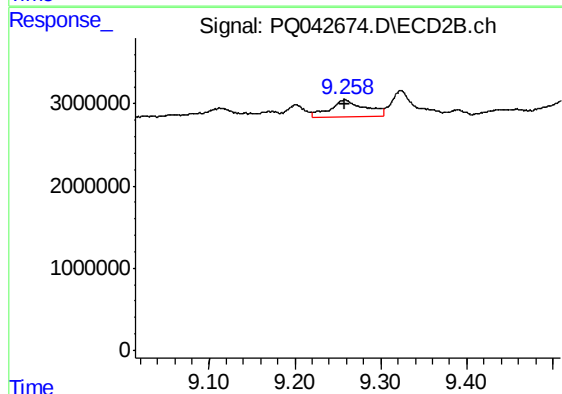
R.T.: 9.839 min
Delta R.T.: -0.005 min
Response: 4058294
Conc: 12.83 ng/ml



#41 AR-1268-1

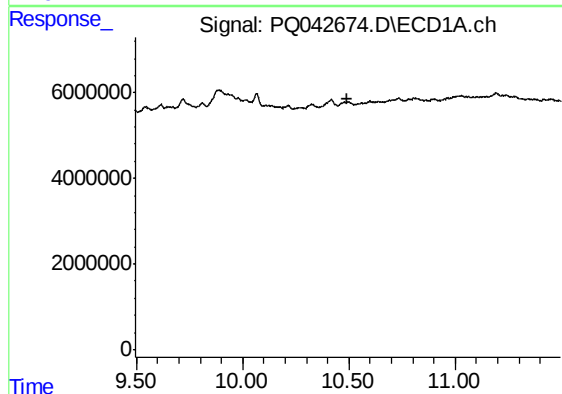
R.T.: 0.000 min
Exp R.T.: 10.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



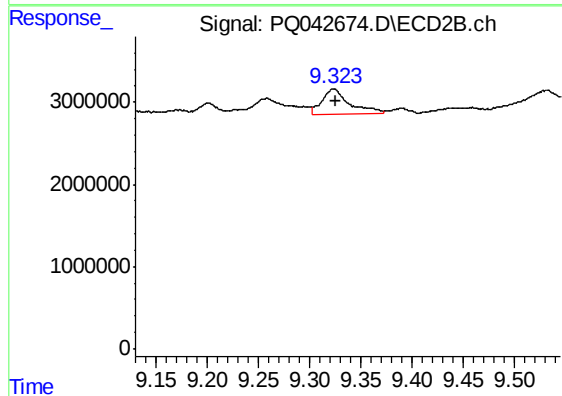
#41 AR-1268-1

R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 6018573
Conc: 6.00 ng/ml



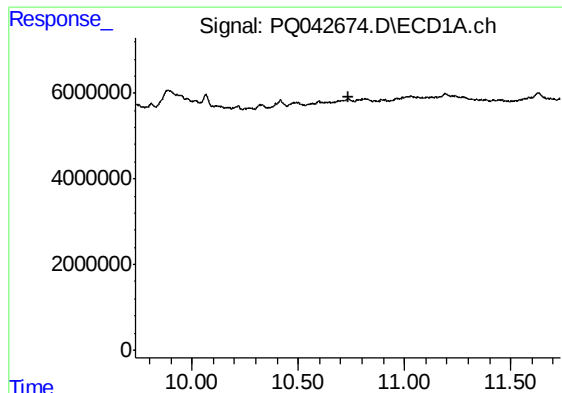
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.495 min
Response: 0
Conc: N.D.



#42 AR-1268-2

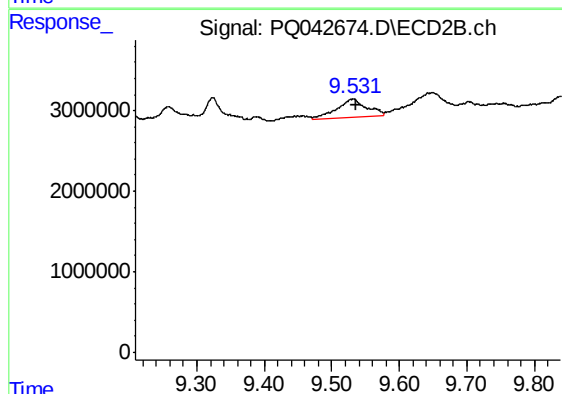
R.T.: 9.323 min
Delta R.T.: -0.002 min
Response: 5859415
Conc: 6.24 ng/ml



#43 AR-1268-3

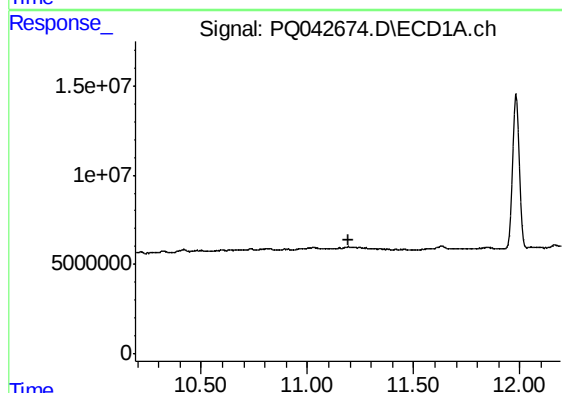
R.T.: 0.000 min
Exp R.T. : 10.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



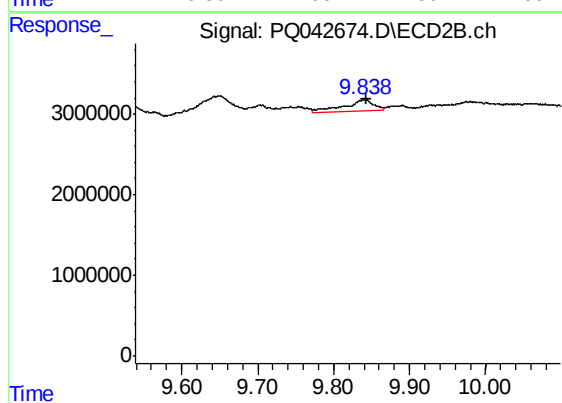
#43 AR-1268-3

R.T.: 9.532 min
Delta R.T.: -0.004 min
Response: 6978149
Conc: 8.76 ng/ml



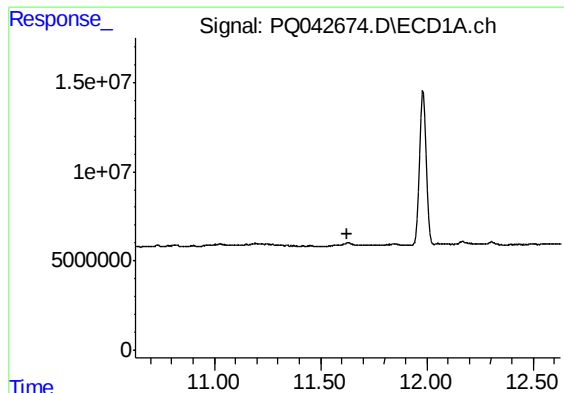
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.191 min
Response: 0
Conc: N.D.



#44 AR-1268-4

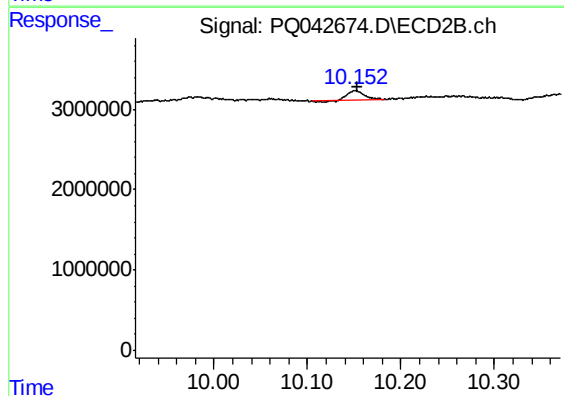
R.T.: 9.839 min
Delta R.T.: -0.004 min
Response: 4058294
Conc: 11.86 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ15



#45 AR-1268-5

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 1532770
Conc: 0.60 ng/ml