

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
 Data File : PQ044380.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2019 14:28
 Operator : HP\AJ
 Sample : K5322-03DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ESP11DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 04:40:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 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...	5.322	4.356	22492069	27544348	5.785	6.171
2)	SA Decachlor...	11.605	9.798	65803397	78247273	12.282	13.082
Target Compounds							
3)	L1 AR-1016-1	6.643	5.636	24383075	26223038	214.855	191.168
4)	L1 AR-1016-2	6.672	5.657	36510363	25286909	226.309	114.199 #
5)	L1 AR-1016-3	6.737	5.857	16999458	35704098	167.012	342.136 #
6)	L1 AR-1016-4	6.840	5.901	28349857	125.6E6	343.103	1344.273 #
7)	L1 AR-1016-5	7.160	6.137	109.5E6	157.9E6	1447.485	1291.230
10)	L2 AR-1221-3	0.000	4.879	0	2879919	N.D.	27.424 #
11)	L3 AR-1232-1	0.000	4.879	0	2879919	N.D.	31.121 #
12)	L3 AR-1232-2	6.348	5.657	21251355	25286909	547.081	239.755 #
13)	L3 AR-1232-3	6.672	5.857	36510363	35704098	475.914	722.493 #
14)	L3 AR-1232-4	6.840	5.948	28349857	129.8E6	747.406	2752.153 #
15)	L3 AR-1232-5	6.939	6.137	99010692	157.9E6	3511.591	2888.428
16)	L4 AR-1242-1	6.643	5.636	24383075	26223038	249.751	221.243
17)	L4 AR-1242-2	6.672	5.657	36510363	25286909	262.486	134.038 #
18)	L4 AR-1242-3	6.737	5.857	16999458	35704098	191.279	386.038 #
19)	L4 AR-1242-4	6.840	5.948	28349857	129.8E6	396.887	1320.561 #
20)	L4 AR-1242-5	7.631	6.519	40987594	105.4E6	539.133	827.530 #
21)	L5 AR-1248-1	6.643	5.636	24383075	26223038	332.299	289.590
22)	L5 AR-1248-2	6.939	5.901	99010692	125.6E6	999.501	906.371
23)	L5 AR-1248-3	7.160	5.948	109.5E6	129.8E6	1013.733	917.769
24)	L5 AR-1248-4	7.589	6.137	36842892	157.9E6	292.632	919.228 #
25)	L5 AR-1248-5	7.631	6.564	40987594	39548203	338.521	236.222 #
26)	L6 AR-1254-1	7.560	6.519	53585558	105.4E6	398.235	361.536
27)	L6 AR-1254-2	7.795	6.679	67568116	42486628	316.292	162.723 #
28)	L6 AR-1254-3	8.176	7.107	31913313	51501078	129.704	117.877
29)	L6 AR-1254-4	8.473	7.346	12531856	14923295	62.485	55.554
30)	L6 AR-1254-5	8.905	7.781	16687015	10623985	69.720	26.569 #
31)	L7 AR-1260-1	8.345	7.260	8393565	27719183	55.759	114.004 #
32)	L7 AR-1260-2	8.609	7.439	7794806	5658653	39.606	18.746 #
33)	L7 AR-1260-3	8.981	7.601	2547029	17630364	15.886	62.648 #
34)	L7 AR-1260-4	9.225	8.086	4137926	11008878	21.193	43.761 #
35)	L7 AR-1260-5	9.585	8.334	2362484	7288817	5.167	11.372 #
36)	L8 AR-1262-1	8.981	7.781	2547029	10623985	23.452	54.441 #
37)	L8 AR-1262-2	9.585	8.334	2362484	7288817	4.102	9.212 #
38)	L8 AR-1262-3	9.927	8.624	3384109	3926839	8.157	12.382 #
39)	L8 AR-1262-4	0.000	8.690	0	6044724	N.D.	9.918 #
41)	L9 AR-1268-1	9.927	8.624	3384109	3926839	4.733	4.071
42)	L9 AR-1268-2	0.000	8.690	0	6044724	N.D.	6.647 #
45)	L9 AR-1268-5	11.226	9.520	5184094	5677169	2.384	2.180

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Acq On : 15 Oct 2019 14:28
Operator : HP\AJ
Sample : K5322-03DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ESP11DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:40:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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
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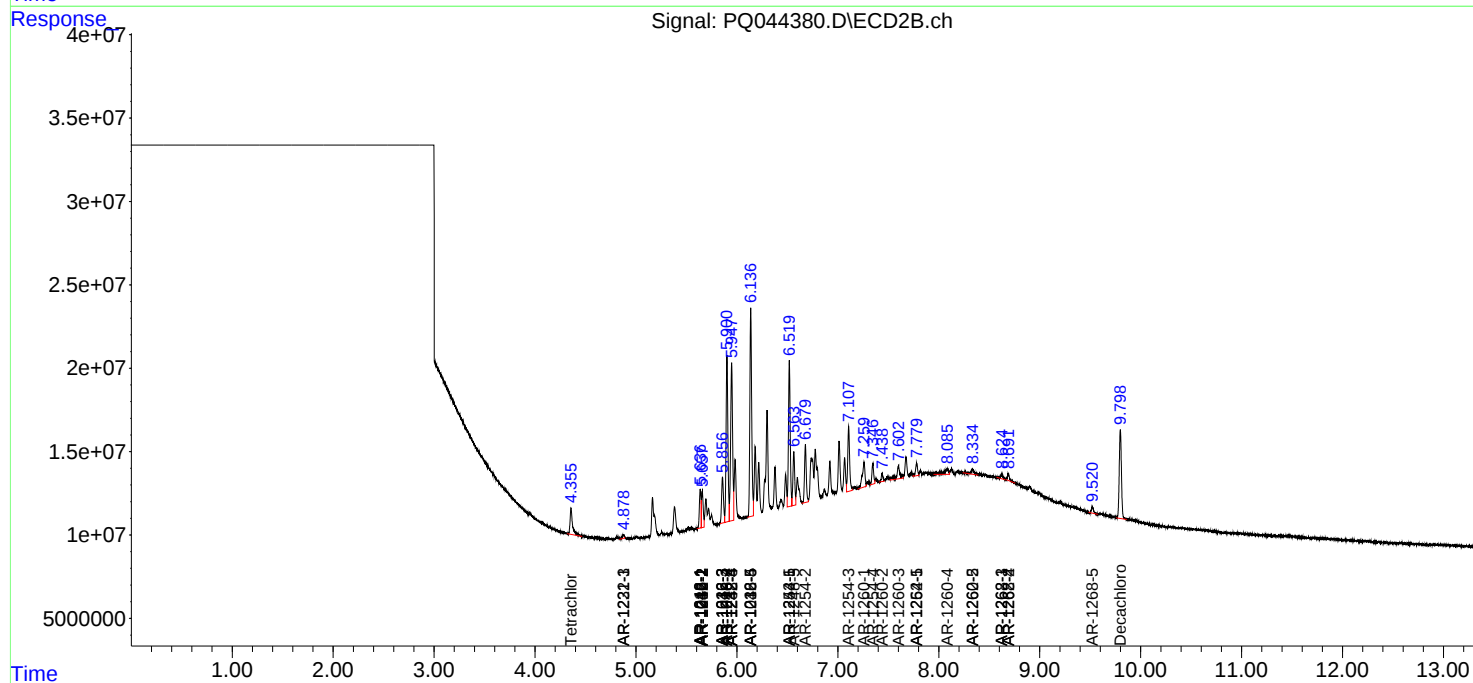
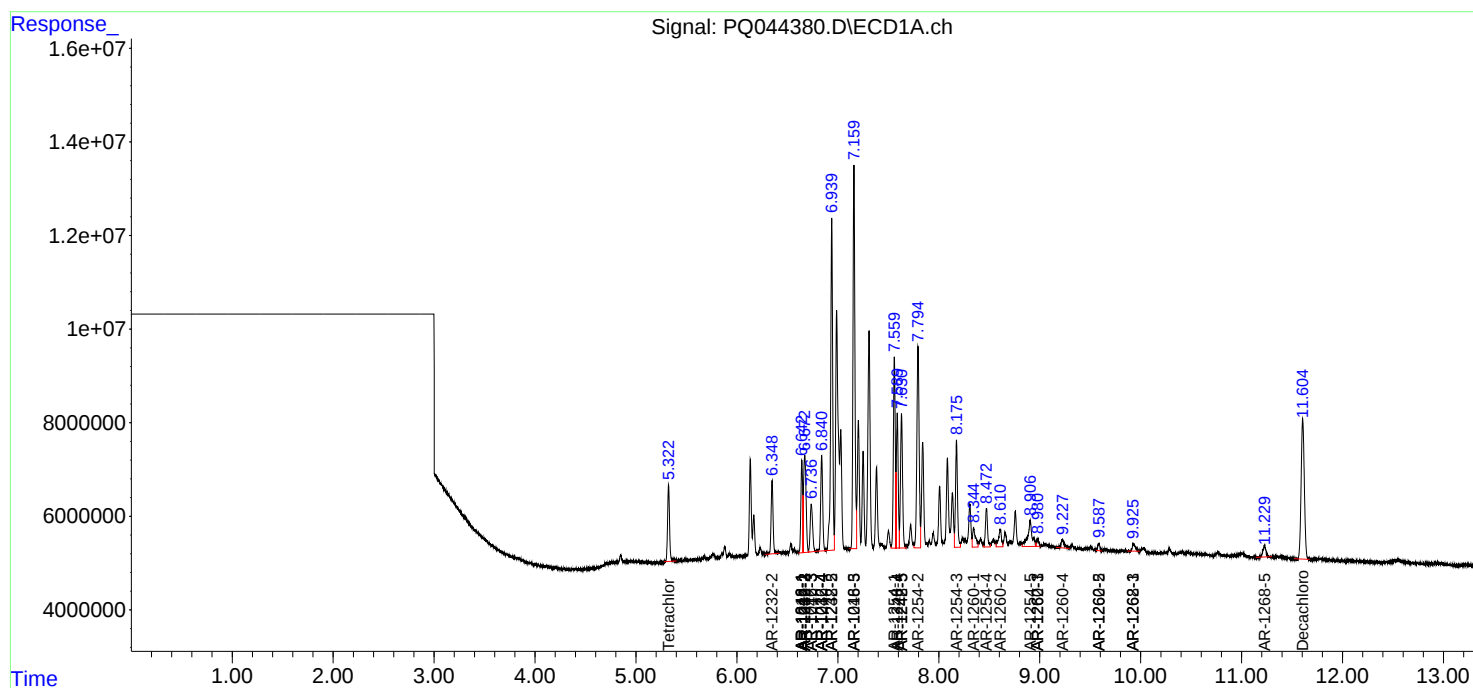
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

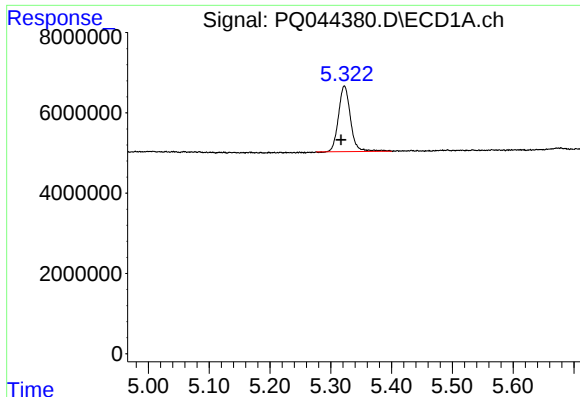
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
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Quant Time: Oct 16 04:40:23 2019
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

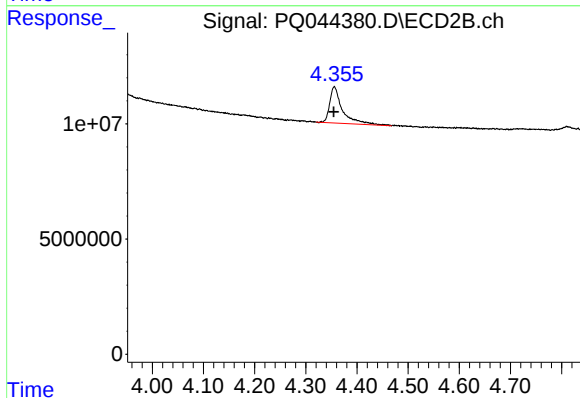




#1 Tetrachloro-m-xylene

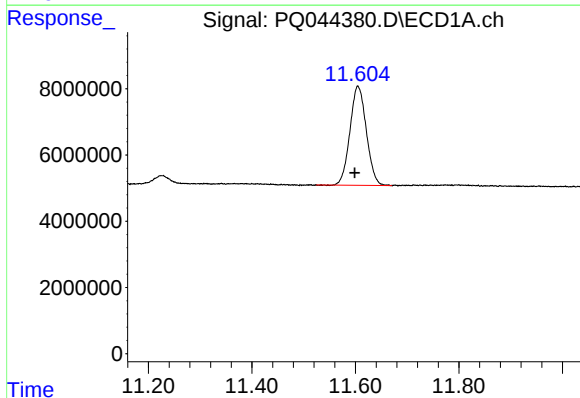
R.T.: 5.322 min
Delta R.T.: 0.005 min
Response: 22492069
Conc: 5.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



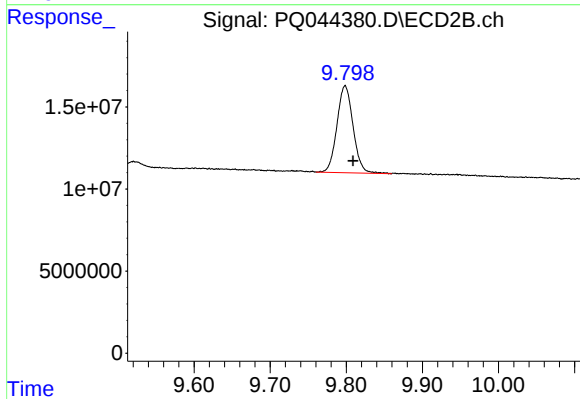
#1 Tetrachloro-m-xylene

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 27544348
Conc: 6.17 ng/ml



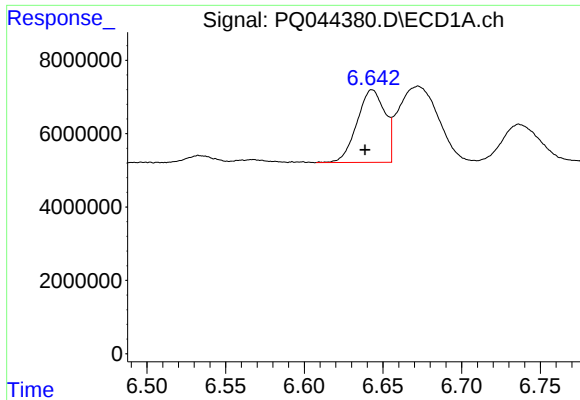
#2 Decachlorobiphenyl

R.T.: 11.605 min
Delta R.T.: 0.006 min
Response: 65803397
Conc: 12.28 ng/ml



#2 Decachlorobiphenyl

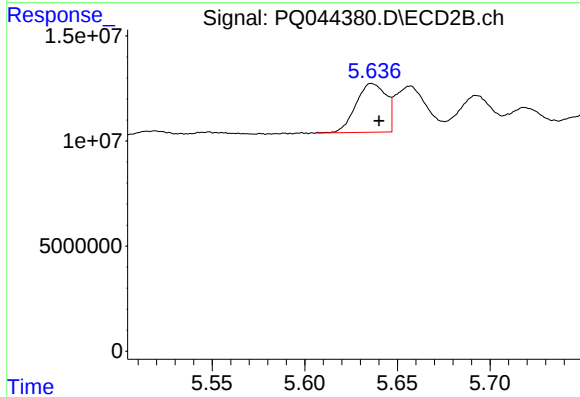
R.T.: 9.798 min
Delta R.T.: -0.010 min
Response: 78247273
Conc: 13.08 ng/ml



#3 AR-1016-1

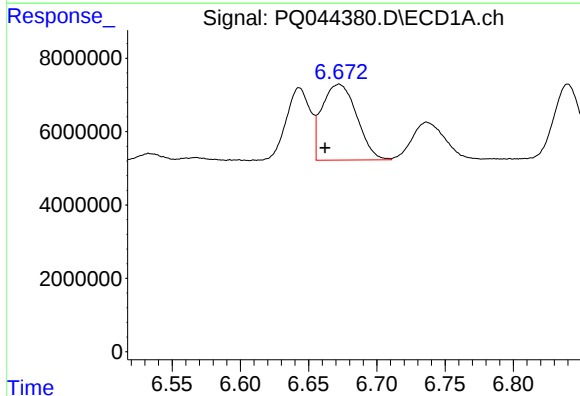
R.T.: 6.643 min
Delta R.T.: 0.005 min
Response: 24383075
Conc: 214.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



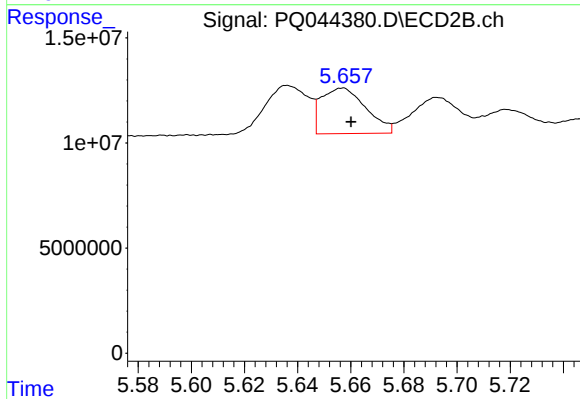
#3 AR-1016-1

R.T.: 5.636 min
Delta R.T.: -0.004 min
Response: 26223038
Conc: 191.17 ng/ml



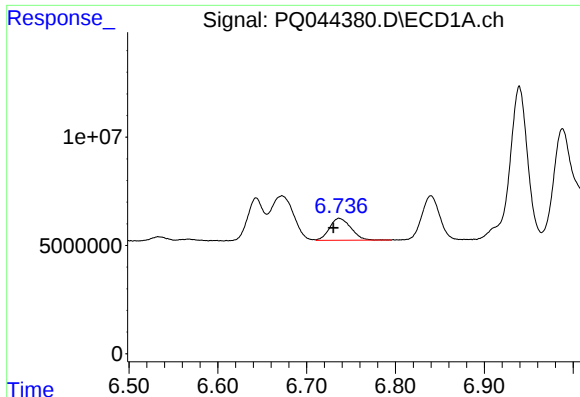
#4 AR-1016-2

R.T.: 6.672 min
Delta R.T.: 0.010 min
Response: 36510363
Conc: 226.31 ng/ml



#4 AR-1016-2

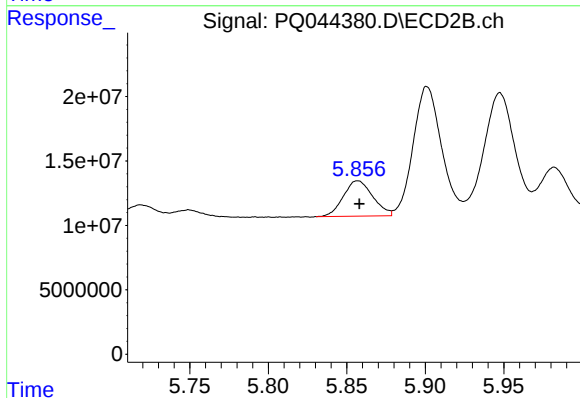
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 25286909
Conc: 114.20 ng/ml



#5 AR-1016-3

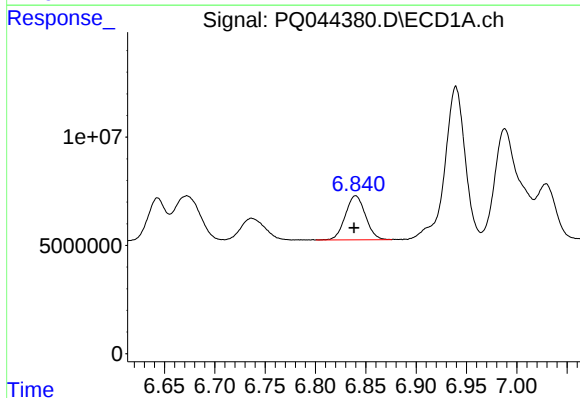
R.T.: 6.737 min
Delta R.T.: 0.007 min
Response: 16999458
Conc: 167.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



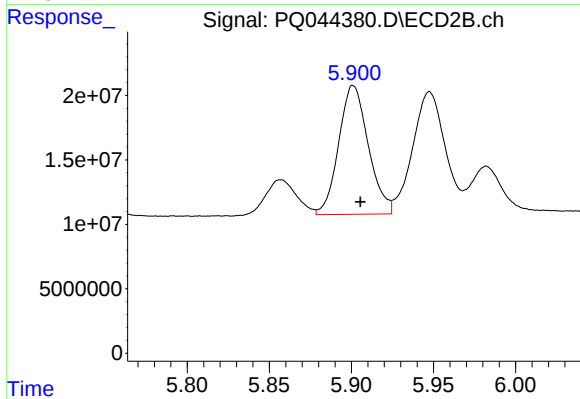
#5 AR-1016-3

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 35704098
Conc: 342.14 ng/ml



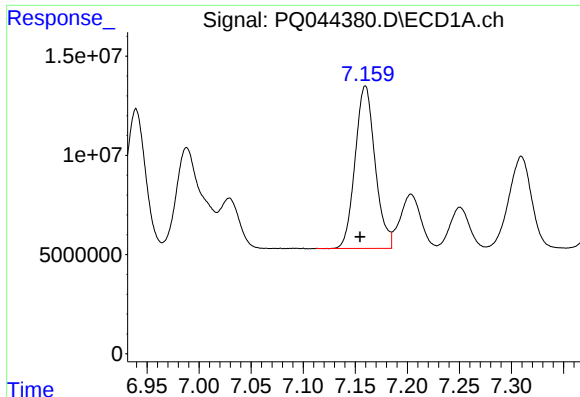
#6 AR-1016-4

R.T.: 6.840 min
Delta R.T.: 0.001 min
Response: 28349857
Conc: 343.10 ng/ml



#6 AR-1016-4

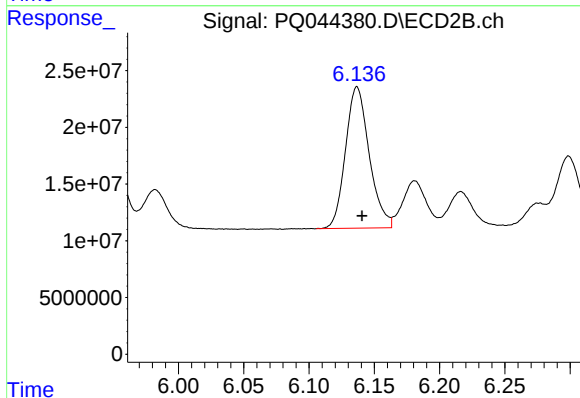
R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 125627894
Conc: 1344.27 ng/ml



#7 AR-1016-5

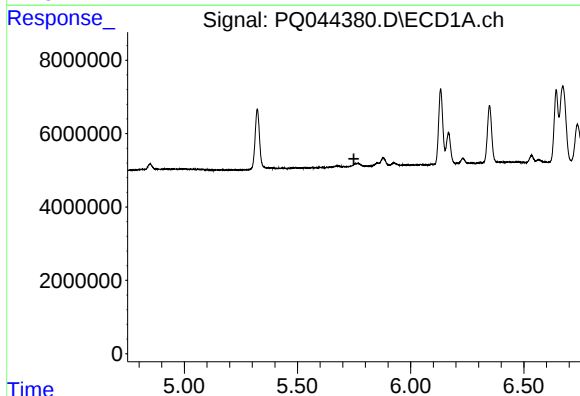
R.T.: 7.160 min
Delta R.T.: 0.005 min
Response: 109481651
Conc: 1447.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



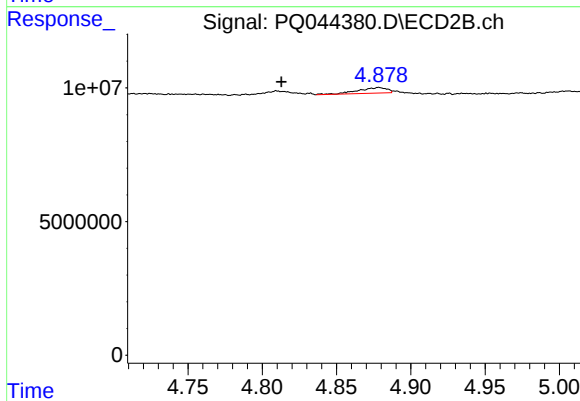
#7 AR-1016-5

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 157891423
Conc: 1291.23 ng/ml



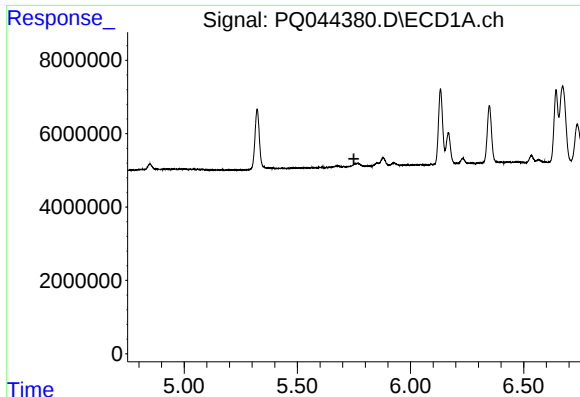
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.749 min
Response: 0
Conc: N.D.



#10 AR-1221-3

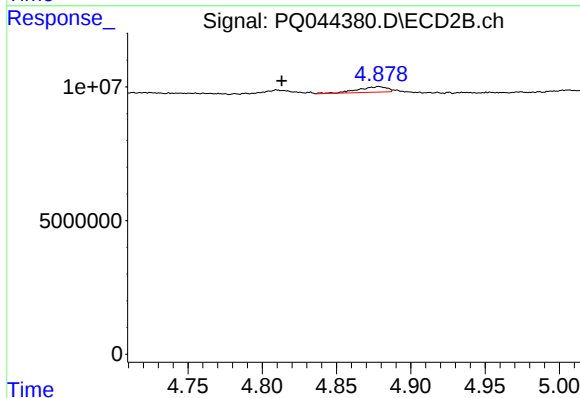
R.T.: 4.879 min
Delta R.T.: 0.066 min
Response: 2879919
Conc: 27.42 ng/ml



#11 AR-1232-1

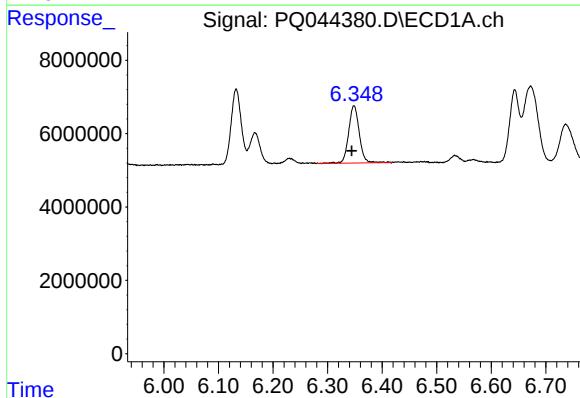
R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



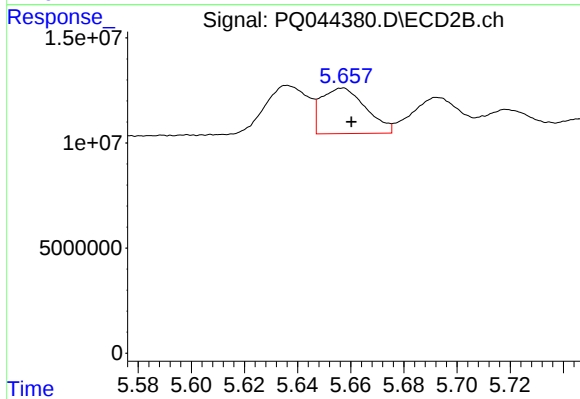
#11 AR-1232-1

R.T.: 4.879 min
Delta R.T.: 0.065 min
Response: 2879919
Conc: 31.12 ng/ml



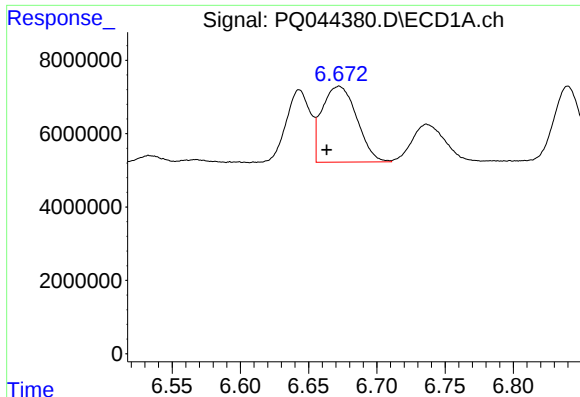
#12 AR-1232-2

R.T.: 6.348 min
Delta R.T.: 0.004 min
Response: 21251355
Conc: 547.08 ng/ml



#12 AR-1232-2

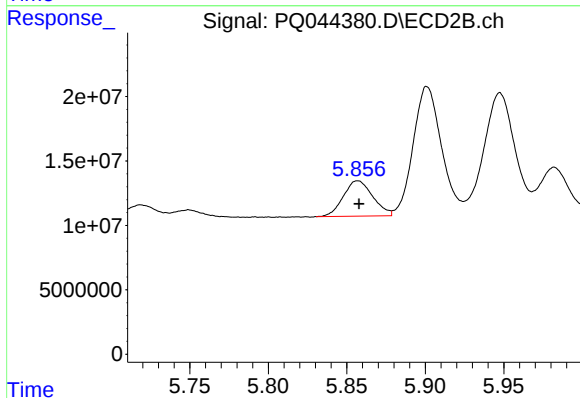
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 25286909
Conc: 239.76 ng/ml



#13 AR-1232-3

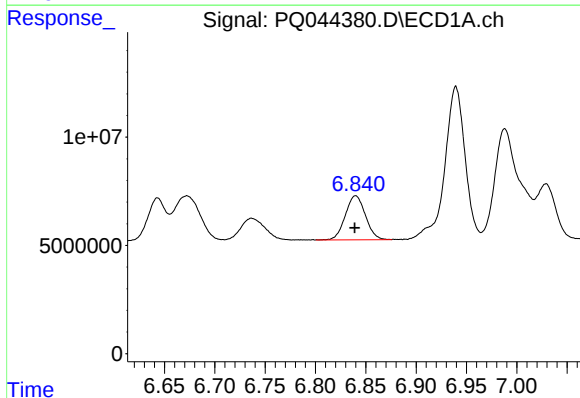
R.T.: 6.672 min
Delta R.T.: 0.009 min
Response: 36510363
Conc: 475.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



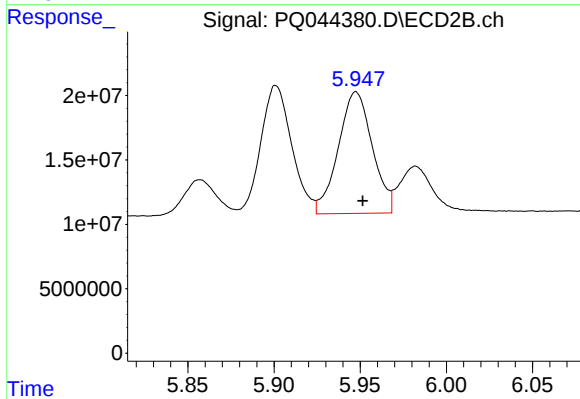
#13 AR-1232-3

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 35704098
Conc: 722.49 ng/ml



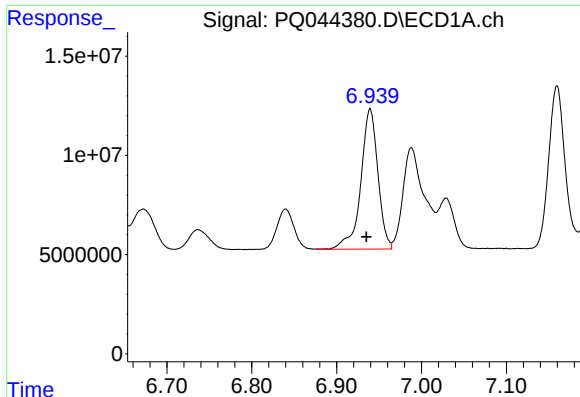
#14 AR-1232-4

R.T.: 6.840 min
Delta R.T.: 0.001 min
Response: 28349857
Conc: 747.41 ng/ml



#14 AR-1232-4

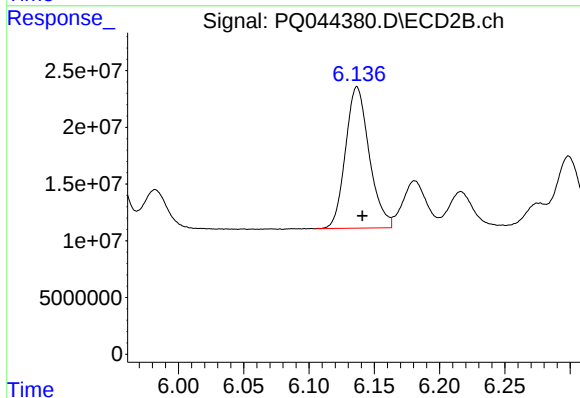
R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 129795864
Conc: 2752.15 ng/ml



#15 AR-1232-5

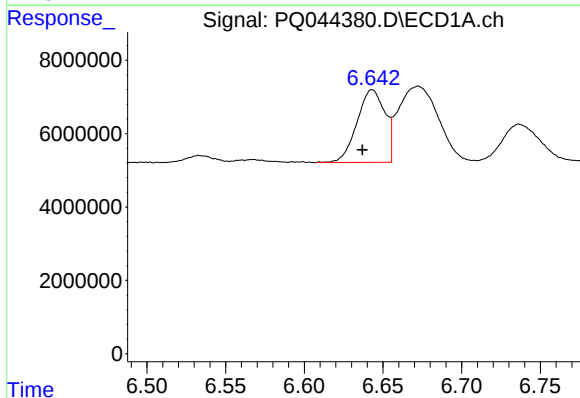
R.T.: 6.939 min
Delta R.T.: 0.004 min
Response: 99010692
Conc: 3511.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



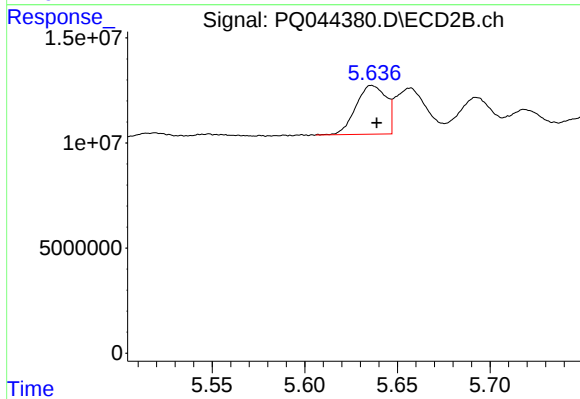
#15 AR-1232-5

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 157891423
Conc: 2888.43 ng/ml



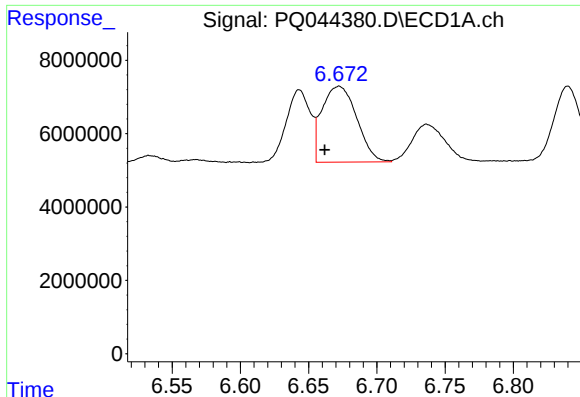
#16 AR-1242-1

R.T.: 6.643 min
Delta R.T.: 0.006 min
Response: 24383075
Conc: 249.75 ng/ml



#16 AR-1242-1

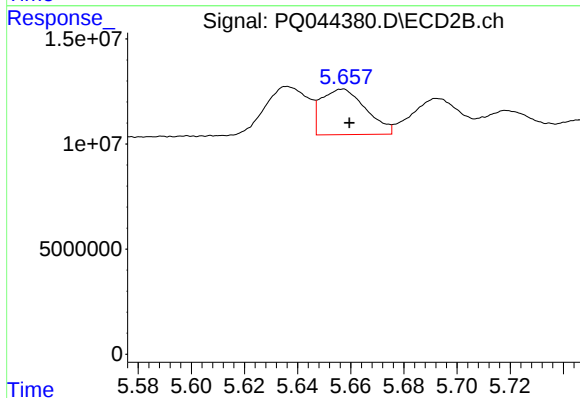
R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 26223038
Conc: 221.24 ng/ml



#17 AR-1242-2

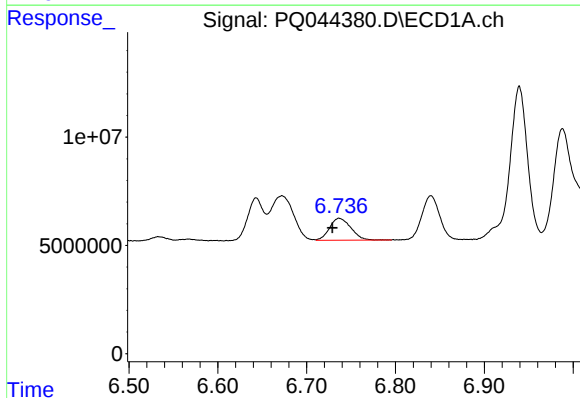
R.T.: 6.672 min
Delta R.T.: 0.010 min
Response: 36510363
Conc: 262.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



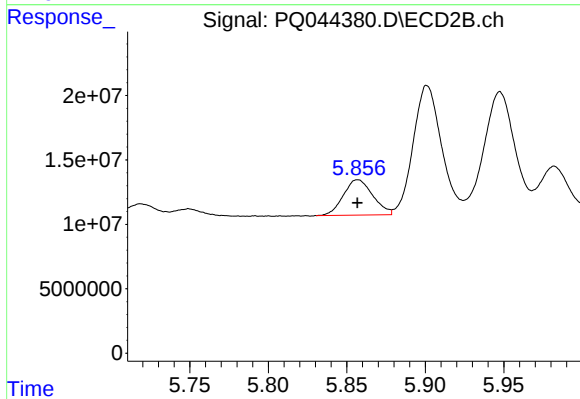
#17 AR-1242-2

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 25286909
Conc: 134.04 ng/ml



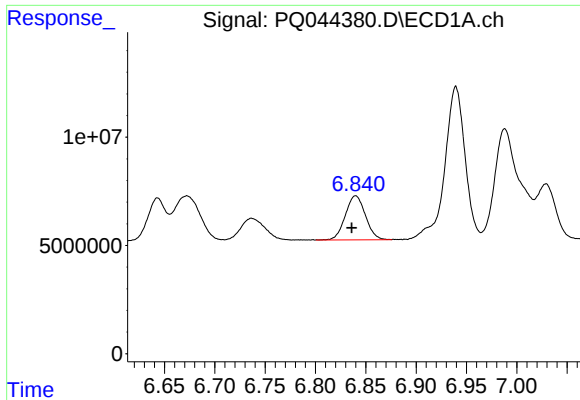
#18 AR-1242-3

R.T.: 6.737 min
Delta R.T.: 0.008 min
Response: 16999458
Conc: 191.28 ng/ml



#18 AR-1242-3

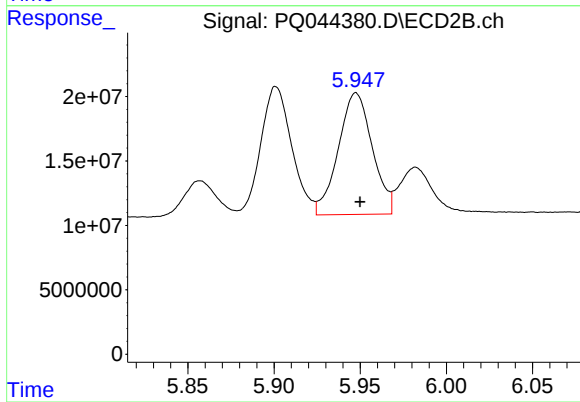
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 35704098
Conc: 386.04 ng/ml



#19 AR-1242-4

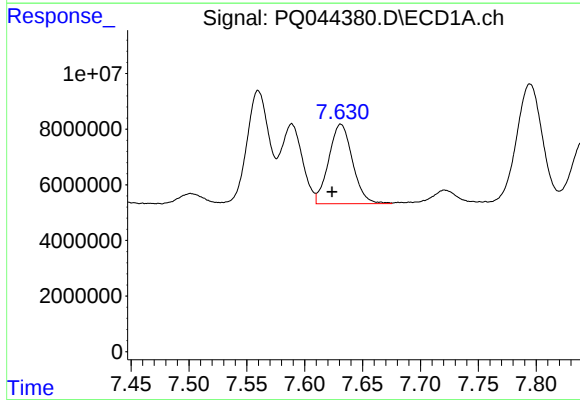
R.T.: 6.840 min
Delta R.T.: 0.004 min
Response: 28349857
Conc: 396.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



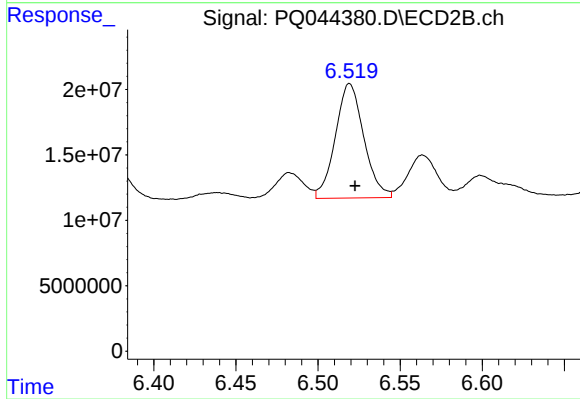
#19 AR-1242-4

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 129795864
Conc: 1320.56 ng/ml



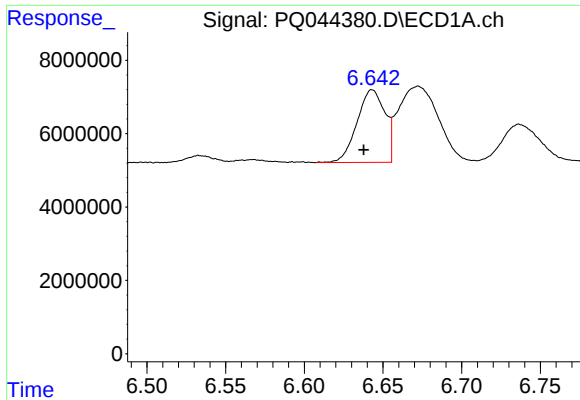
#20 AR-1242-5

R.T.: 7.631 min
Delta R.T.: 0.008 min
Response: 40987594
Conc: 539.13 ng/ml



#20 AR-1242-5

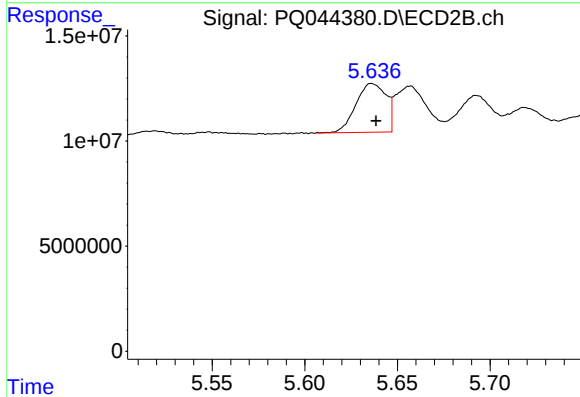
R.T.: 6.519 min
Delta R.T.: -0.003 min
Response: 105448016
Conc: 827.53 ng/ml



#21 AR-1248-1

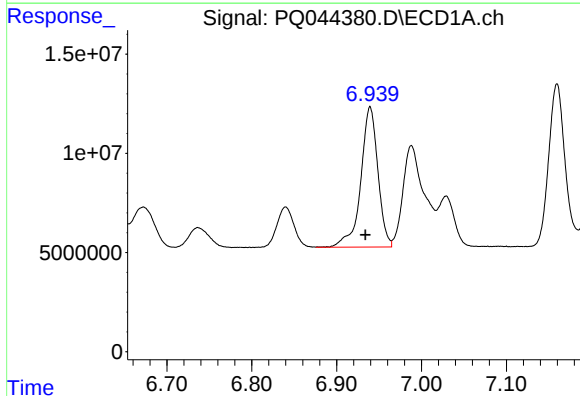
R.T.: 6.643 min
Delta R.T.: 0.005 min
Response: 24383075
Conc: 332.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



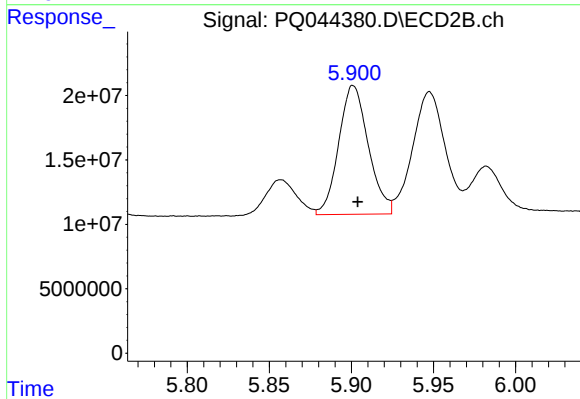
#21 AR-1248-1

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 26223038
Conc: 289.59 ng/ml



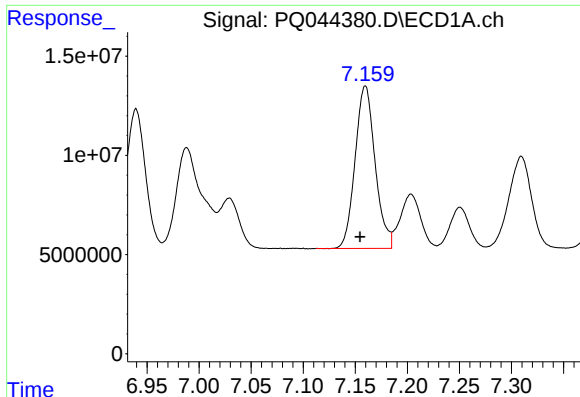
#22 AR-1248-2

R.T.: 6.939 min
Delta R.T.: 0.006 min
Response: 99010692
Conc: 999.50 ng/ml



#22 AR-1248-2

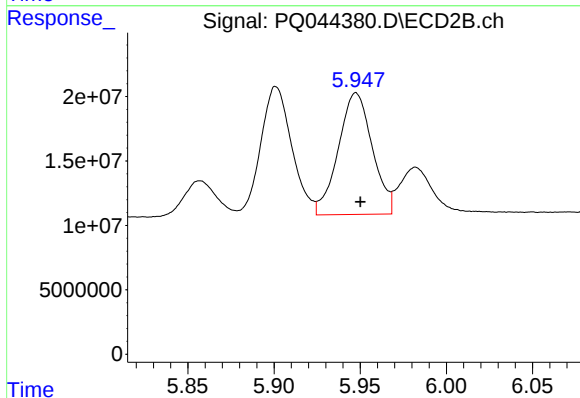
R.T.: 5.901 min
Delta R.T.: -0.003 min
Response: 125627894
Conc: 906.37 ng/ml



#23 AR-1248-3

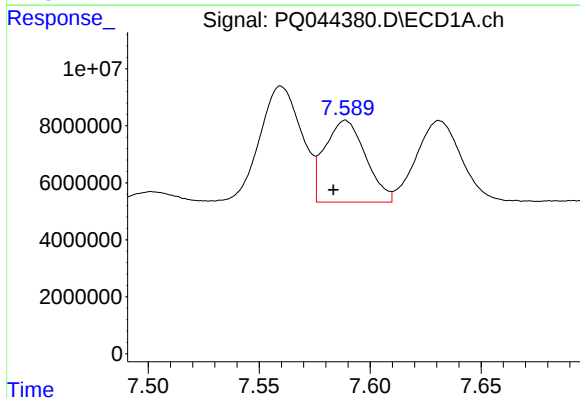
R.T.: 7.160 min
Delta R.T.: 0.005 min
Response: 109481651
Conc: 1013.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



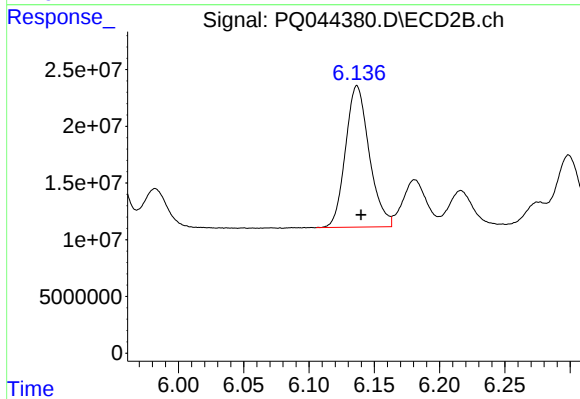
#23 AR-1248-3

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 129795864
Conc: 917.77 ng/ml



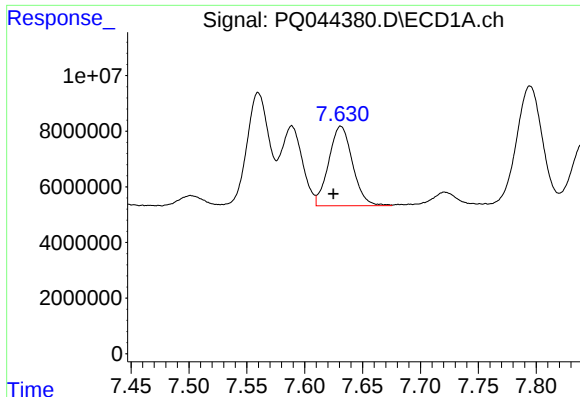
#24 AR-1248-4

R.T.: 7.589 min
Delta R.T.: 0.005 min
Response: 36842892
Conc: 292.63 ng/ml



#24 AR-1248-4

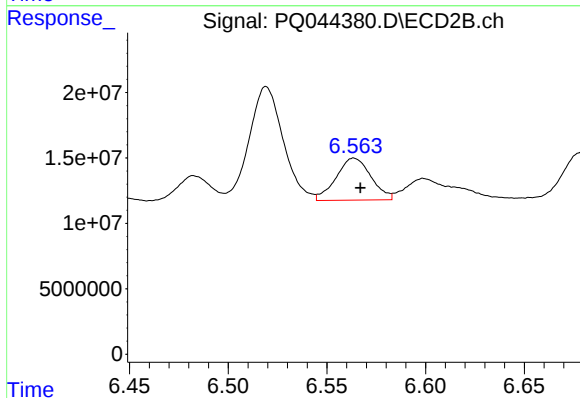
R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 157891423
Conc: 919.23 ng/ml



#25 AR-1248-5

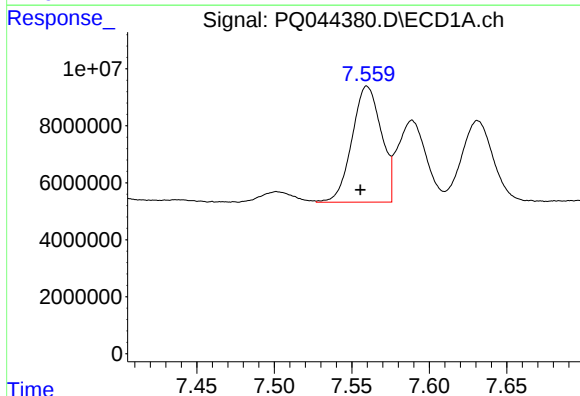
R.T.: 7.631 min
Delta R.T.: 0.006 min
Response: 40987594
Conc: 338.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



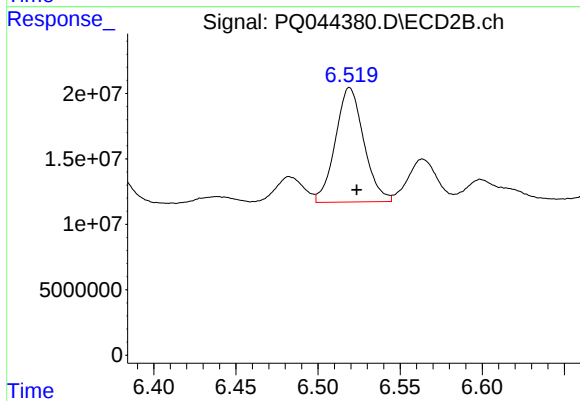
#25 AR-1248-5

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 39548203
Conc: 236.22 ng/ml



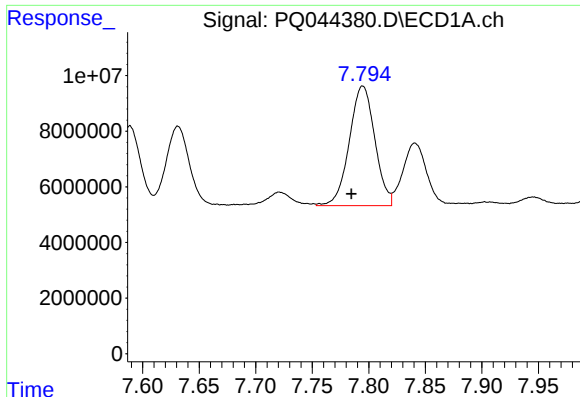
#26 AR-1254-1

R.T.: 7.560 min
Delta R.T.: 0.005 min
Response: 53585558
Conc: 398.24 ng/ml



#26 AR-1254-1

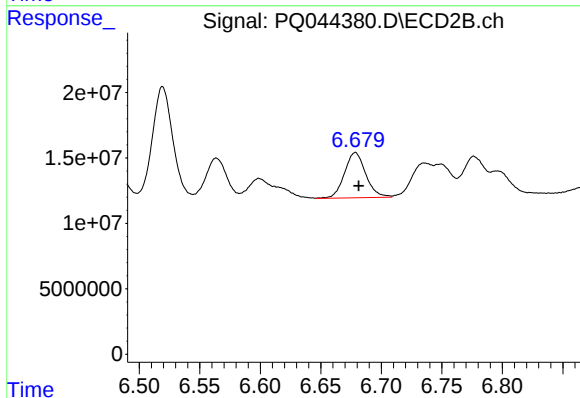
R.T.: 6.519 min
Delta R.T.: -0.004 min
Response: 105448016
Conc: 361.54 ng/ml



#27 AR-1254-2

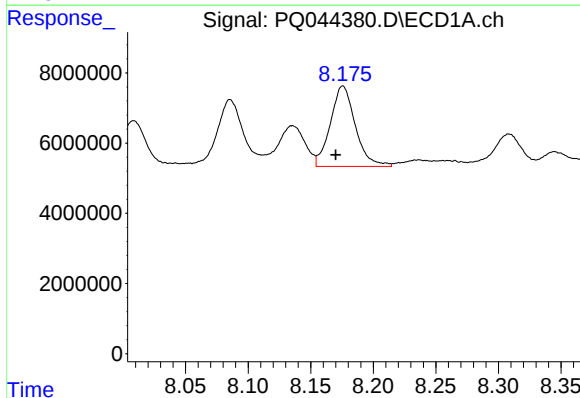
R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 67568116
Conc: 316.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



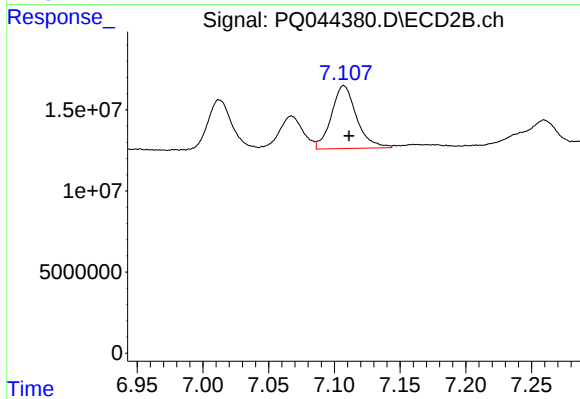
#27 AR-1254-2

R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 42486628
Conc: 162.72 ng/ml



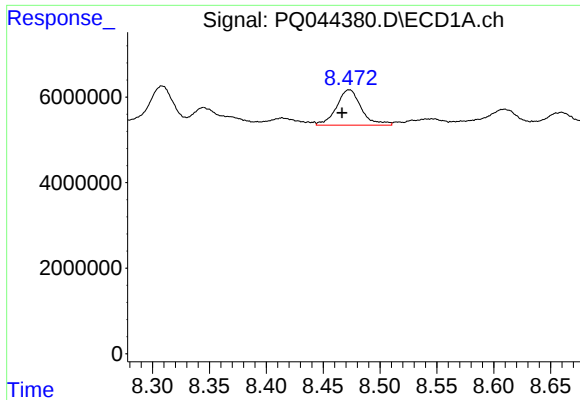
#28 AR-1254-3

R.T.: 8.176 min
Delta R.T.: 0.006 min
Response: 31913313
Conc: 129.70 ng/ml



#28 AR-1254-3

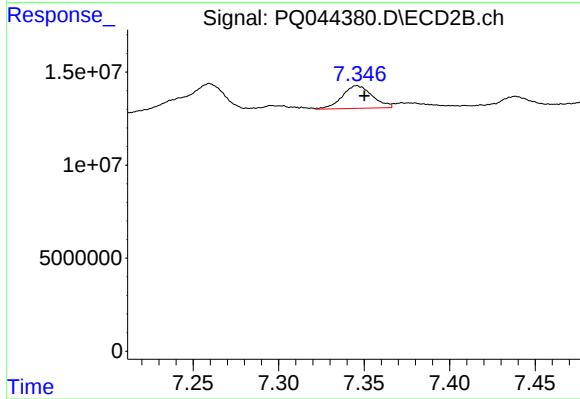
R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 51501078
Conc: 117.88 ng/ml



#29 AR-1254-4

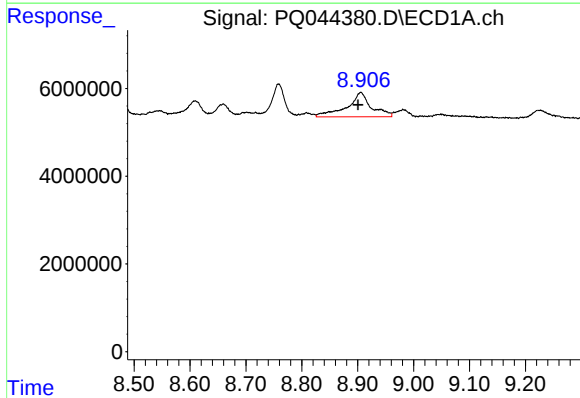
R.T.: 8.473 min
Delta R.T.: 0.006 min
Response: 12531856
Conc: 62.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



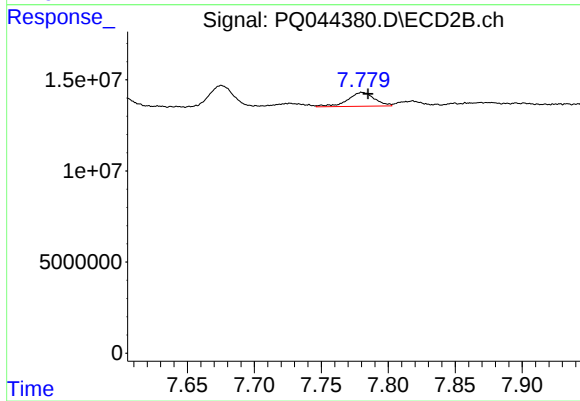
#29 AR-1254-4

R.T.: 7.346 min
Delta R.T.: -0.004 min
Response: 14923295
Conc: 55.55 ng/ml



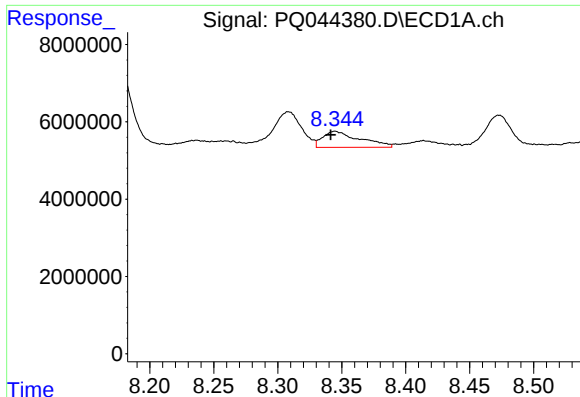
#30 AR-1254-5

R.T.: 8.905 min
Delta R.T.: 0.005 min
Response: 16687015
Conc: 69.72 ng/ml



#30 AR-1254-5

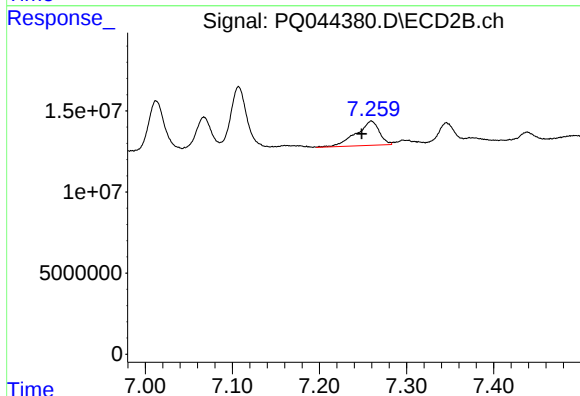
R.T.: 7.781 min
Delta R.T.: -0.004 min
Response: 10623985
Conc: 26.57 ng/ml



#31 AR-1260-1

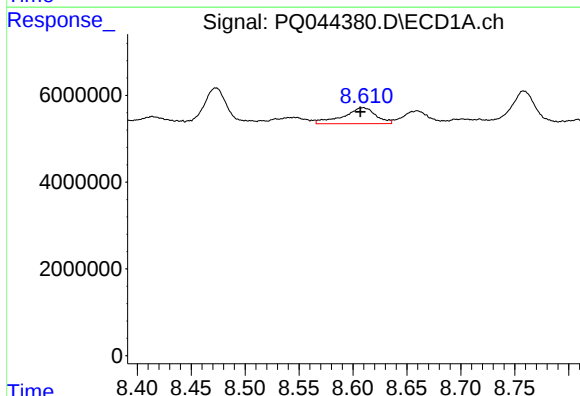
R.T.: 8.345 min
Delta R.T.: 0.004 min
Response: 8393565
Conc: 55.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



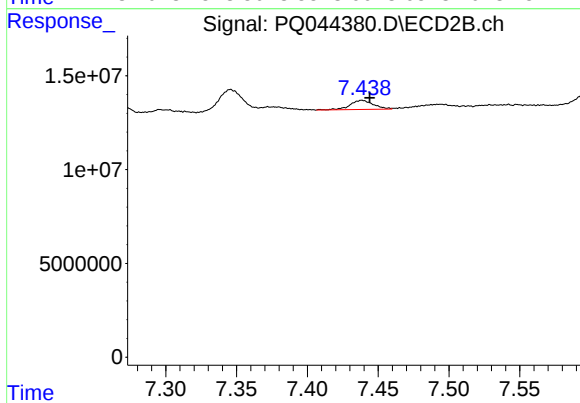
#31 AR-1260-1

R.T.: 7.260 min
Delta R.T.: 0.011 min
Response: 27719183
Conc: 114.00 ng/ml



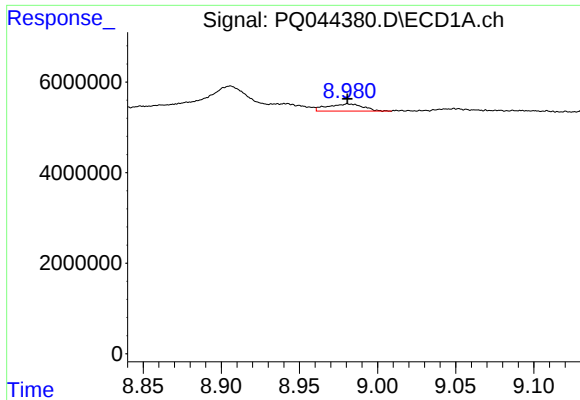
#32 AR-1260-2

R.T.: 8.609 min
Delta R.T.: 0.002 min
Response: 7794806
Conc: 39.61 ng/ml



#32 AR-1260-2

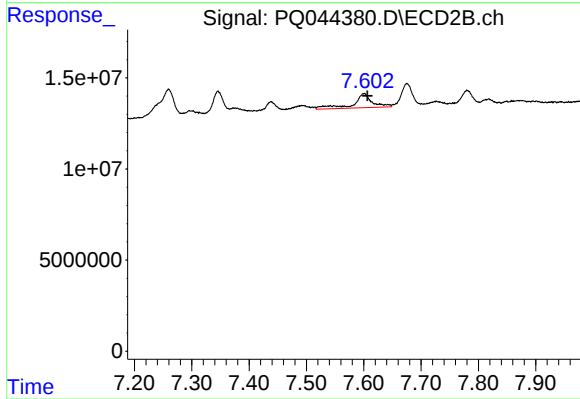
R.T.: 7.439 min
Delta R.T.: -0.005 min
Response: 5658653
Conc: 18.75 ng/ml



#33 AR-1260-3

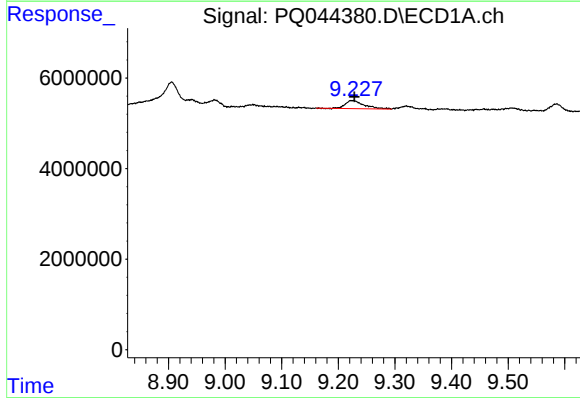
R.T.: 8.981 min
Delta R.T.: 0.000 min
Response: 2547029
Conc: 15.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



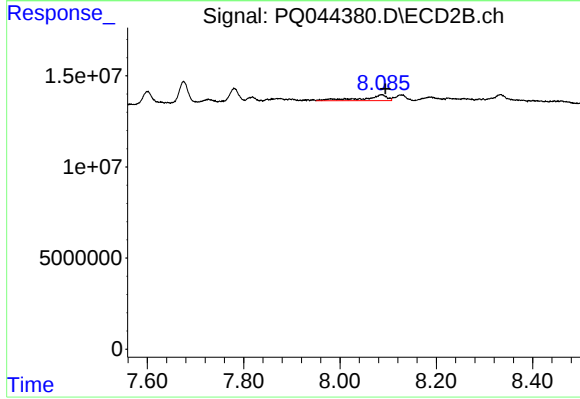
#33 AR-1260-3

R.T.: 7.601 min
Delta R.T.: -0.005 min
Response: 17630364
Conc: 62.65 ng/ml



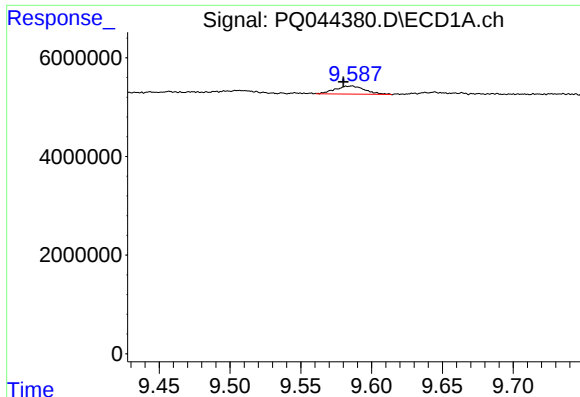
#34 AR-1260-4

R.T.: 9.225 min
Delta R.T.: -0.004 min
Response: 4137926
Conc: 21.19 ng/ml



#34 AR-1260-4

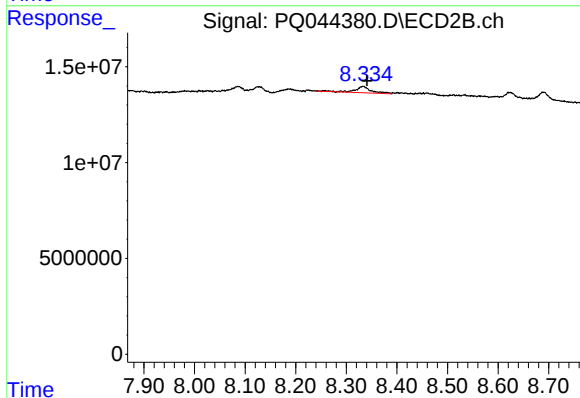
R.T.: 8.086 min
Delta R.T.: -0.008 min
Response: 11008878
Conc: 43.76 ng/ml



#35 AR-1260-5

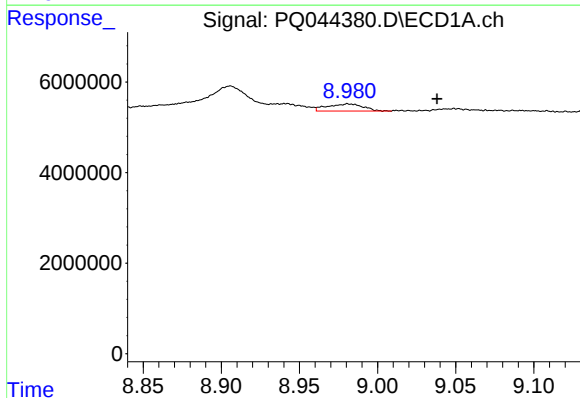
R.T.: 9.585 min
Delta R.T.: 0.005 min
Response: 2362484
Conc: 5.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



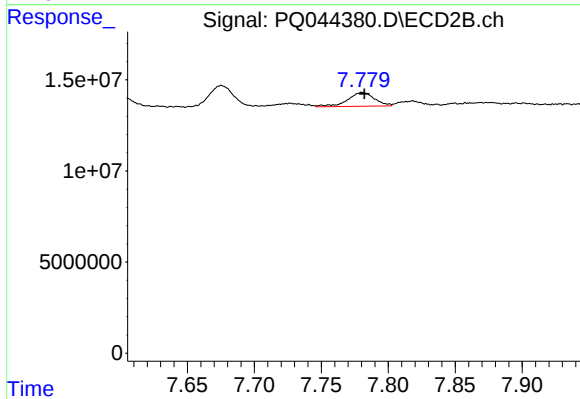
#35 AR-1260-5

R.T.: 8.334 min
Delta R.T.: -0.007 min
Response: 7288817
Conc: 11.37 ng/ml



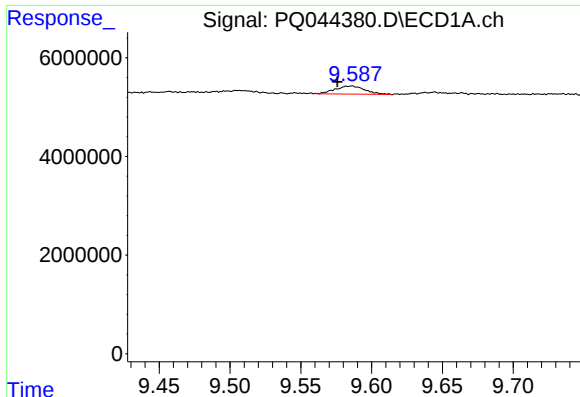
#36 AR-1262-1

R.T.: 8.981 min
Delta R.T.: -0.057 min
Response: 2547029
Conc: 23.45 ng/ml



#36 AR-1262-1

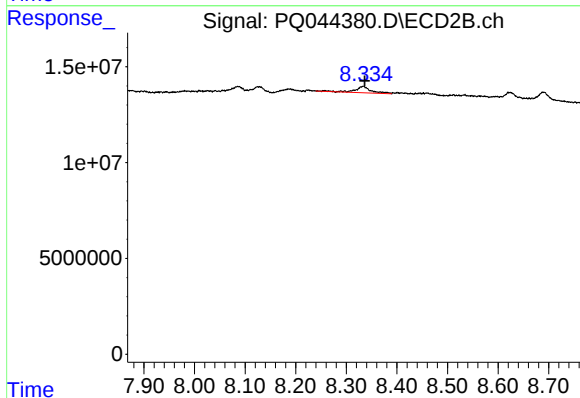
R.T.: 7.781 min
Delta R.T.: -0.001 min
Response: 10623985
Conc: 54.44 ng/ml



#37 AR-1262-2

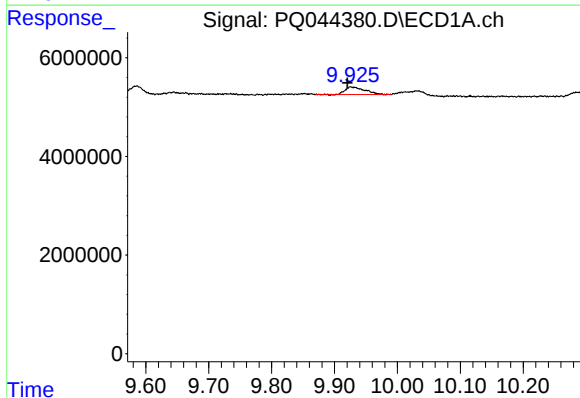
R.T.: 9.585 min
Delta R.T.: 0.010 min
Response: 2362484
Conc: 4.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



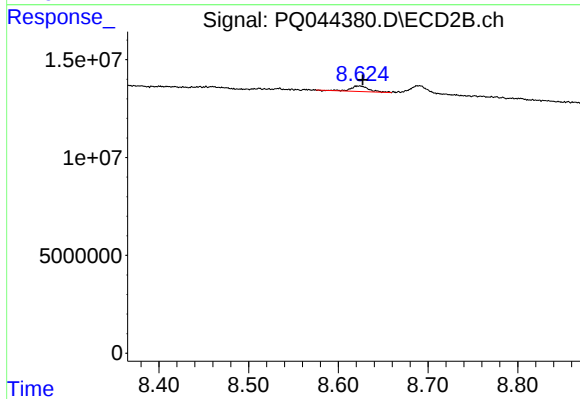
#37 AR-1262-2

R.T.: 8.334 min
Delta R.T.: -0.002 min
Response: 7288817
Conc: 9.21 ng/ml



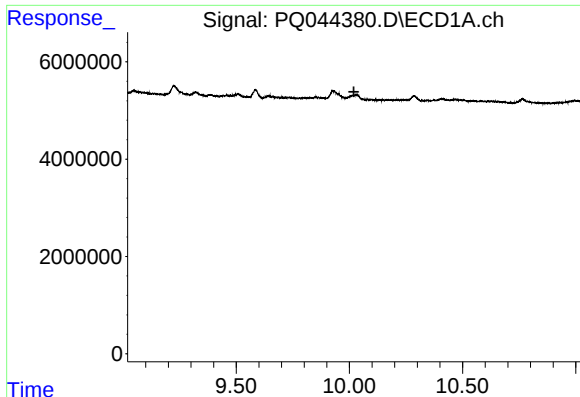
#38 AR-1262-3

R.T.: 9.927 min
Delta R.T.: 0.007 min
Response: 3384109
Conc: 8.16 ng/ml



#38 AR-1262-3

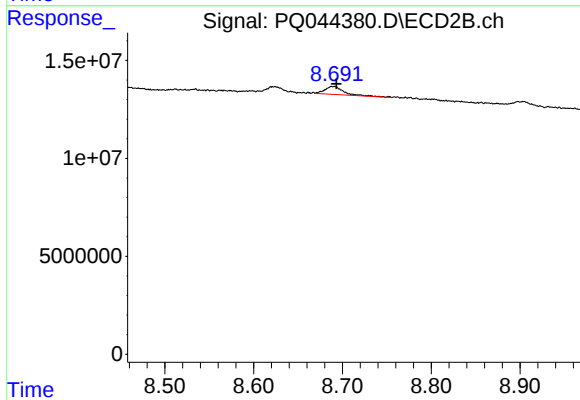
R.T.: 8.624 min
Delta R.T.: -0.003 min
Response: 3926839
Conc: 12.38 ng/ml



#39 AR-1262-4

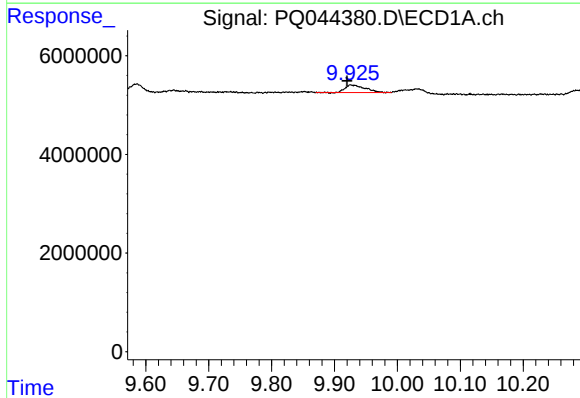
R.T.: 0.000 min
Exp R.T.: 10.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



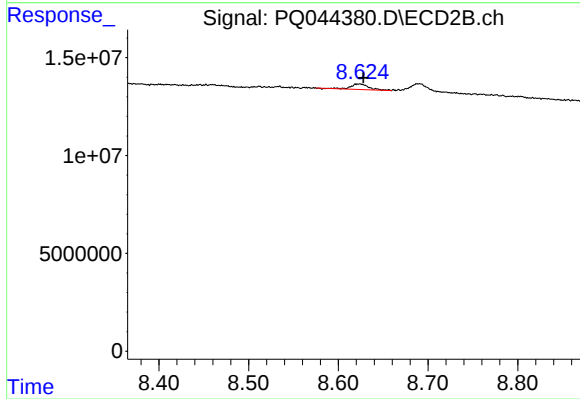
#39 AR-1262-4

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 6044724
Conc: 9.92 ng/ml



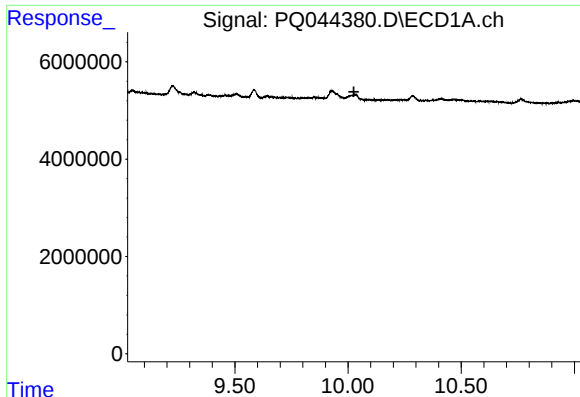
#41 AR-1268-1

R.T.: 9.927 min
Delta R.T.: 0.007 min
Response: 3384109
Conc: 4.73 ng/ml



#41 AR-1268-1

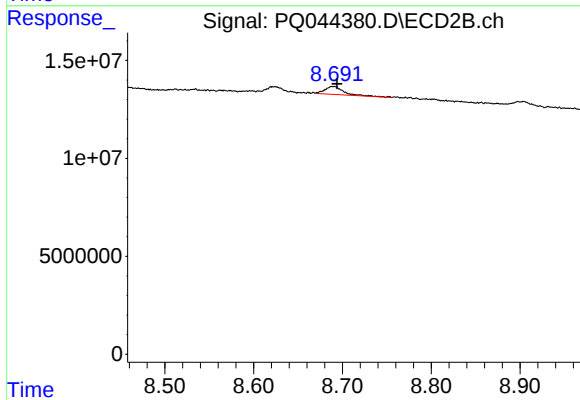
R.T.: 8.624 min
Delta R.T.: -0.004 min
Response: 3926839
Conc: 4.07 ng/ml



#42 AR-1268-2

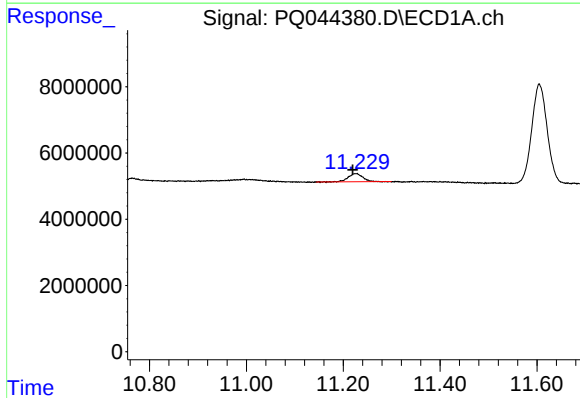
R.T.: 0.000 min
Exp R.T.: 10.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP11DL



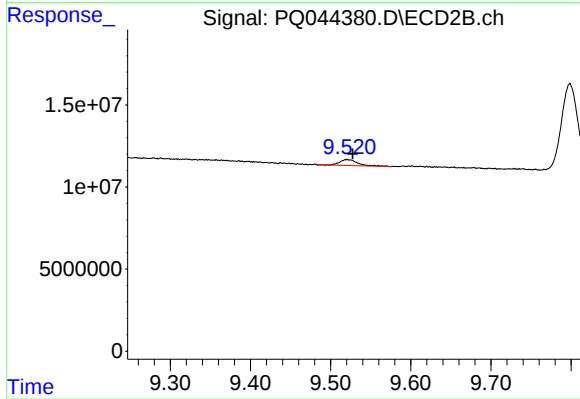
#42 AR-1268-2

R.T.: 8.690 min
Delta R.T.: -0.004 min
Response: 6044724
Conc: 6.65 ng/ml



#45 AR-1268-5

R.T.: 11.226 min
Delta R.T.: 0.006 min
Response: 5184094
Conc: 2.38 ng/ml



#45 AR-1268-5

R.T.: 9.520 min
Delta R.T.: -0.007 min
Response: 5677169
Conc: 2.18 ng/ml