

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
 Data File : PQ052299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2021 22:44
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 02:18:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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...	5.228	4.245	468.5E6	171.2E6	19.078	20.404
2)	SA Decachlor...	11.420	9.591	722.4E6	283.3E6	35.245	36.737
Target Compounds							
3)	L1 AR-1016-1	6.552	5.505	175.1E6	71674074	217.867	232.690
4)	L1 AR-1016-2	6.577	5.525	208.9E6	72879550	176.958	169.975
5)	L1 AR-1016-3	6.643	5.720	96443235	45989242	135.128	209.944 #
6)	L1 AR-1016-4	6.750	5.769	111.7E6	94394068	185.550	563.672 #
7)	L1 AR-1016-5	7.066	5.999	273.9E6	115.3E6	486.831	539.873
8)	L2 AR-1221-1	5.475	0.000	5732248	0	22.476	N.D. #
9)	L2 AR-1221-2	5.582	4.601	10230955	2011685	58.166	31.792 #
10)	L2 AR-1221-3	5.665	4.692	15685595	4454976	26.640	20.660
11)	L3 AR-1232-1	5.665	4.692	15685595	4454976	31.920	24.636
12)	L3 AR-1232-2	6.258	5.525	71534049	72879550	277.941	369.137 #
13)	L3 AR-1232-3	6.577	5.720	208.9E6	45989242	397.115	467.521
14)	L3 AR-1232-4	6.750	5.814	111.7E6	97560086	426.112	1178.672 #
15)	L3 AR-1232-5	6.846	5.999	239.9E6	115.3E6	1298.631	1295.884
16)	L4 AR-1242-1	6.552	5.505	175.1E6	71674074	254.720	272.081
17)	L4 AR-1242-2	6.577	5.525	208.9E6	72879550	206.926	198.355
18)	L4 AR-1242-3	6.643	5.720	96443235	45989242	158.813	241.227 #
19)	L4 AR-1242-4	6.750	5.814	111.7E6	97560086	219.671	552.404 #
20)	L4 AR-1242-5	7.534	6.378	312.7E6	179.1E6	554.260	714.207 #
21)	L5 AR-1248-1	6.552	5.505	175.1E6	71674074	319.620	348.545
22)	L5 AR-1248-2	6.846	5.769	239.9E6	94394068	312.127	349.241
23)	L5 AR-1248-3	7.066	5.814	273.9E6	97560086	310.237	349.868
24)	L5 AR-1248-4	7.494	5.999	317.6E6	115.3E6	305.507	346.487
25)	L5 AR-1248-5	7.534	6.422	312.7E6	124.4E6	305.250	347.906
26)	L6 AR-1254-1	7.464	6.378	246.9E6	179.1E6	248.571	335.767 #
27)	L6 AR-1254-2	7.699	6.537	307.4E6	46325329	198.896	101.452 #
28)	L6 AR-1254-3	8.075	6.959	162.6E6	75123250	96.215	99.897
29)	L6 AR-1254-4	8.370	7.197	114.8E6	56151453	91.498	111.293
30)	L6 AR-1254-5	8.798	7.627	27806912	14584485	20.693	21.443
31)	L7 AR-1260-1	8.240	7.108	16840420	37322409	16.851	91.125 #
32)	L7 AR-1260-2	8.499	7.291	29832548	7038342	24.288	13.256 #
33)	L7 AR-1260-3	8.862	7.446	7876720	8719733	8.613	18.245 #
34)	L7 AR-1260-4	9.107	7.931	16168113	1230992	15.006	3.039 #
35)	L7 AR-1260-5	9.461	8.175	7913640	1921697	3.488	1.785 #
36)	L8 AR-1262-1	8.862	7.627	7876720	14584485	5.003	42.235 #
37)	L8 AR-1262-2	9.461	8.175	7913640	1921697	2.642	1.433 #
38)	L8 AR-1262-3	9.820	8.461	7291863	2369974	3.663	4.533
39)	L8 AR-1262-4	9.895	8.527	1190648	4573158	0.782	4.680 #
40)	L8 AR-1262-5	10.609	0.000	1529624	0	1.406	N.D. #
41)	L9 AR-1268-1	9.820	8.461	7291863	2369974	2.074	1.471 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
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 Acq On : 16 Feb 2021 22:44
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

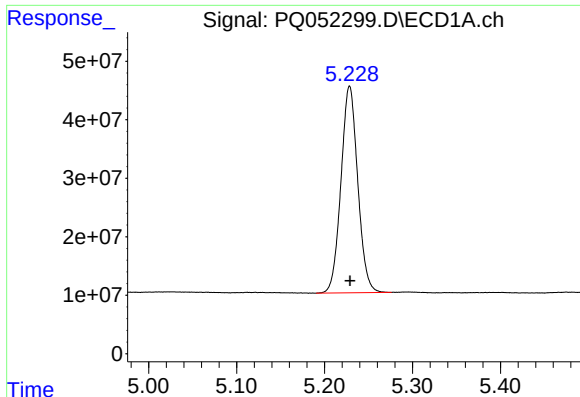
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 02:18:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
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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
42) L9	AR-1268-2	9.895	8.527	1190648	4573158	0.363	3.068 #
43) L9	AR-1268-3	10.135	8.735	4907053	1260569	1.764	1.005 #
44) L9	AR-1268-4	10.609	0.000	1529624	0	1.254	N.D. #
45) L9	AR-1268-5	11.055	9.330	8404303	2155419	0.860	0.536 #

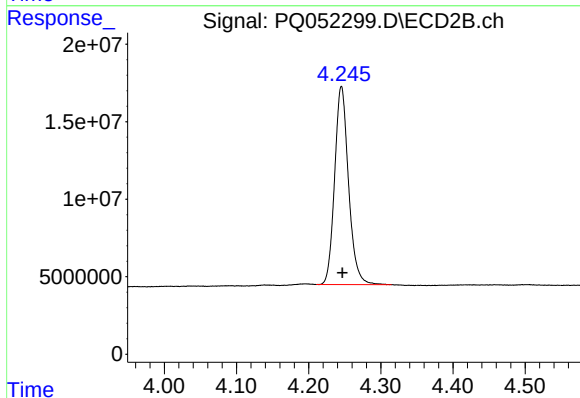
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

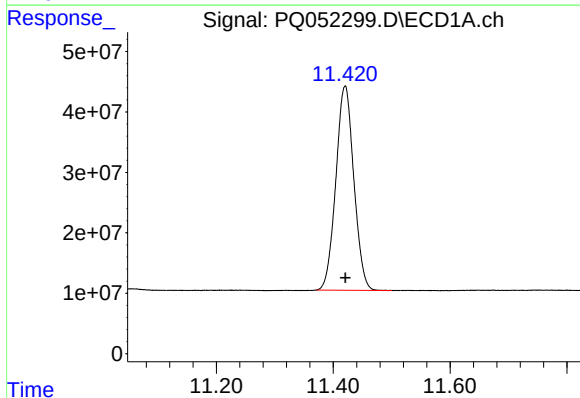
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 468522179
Conc: 19.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



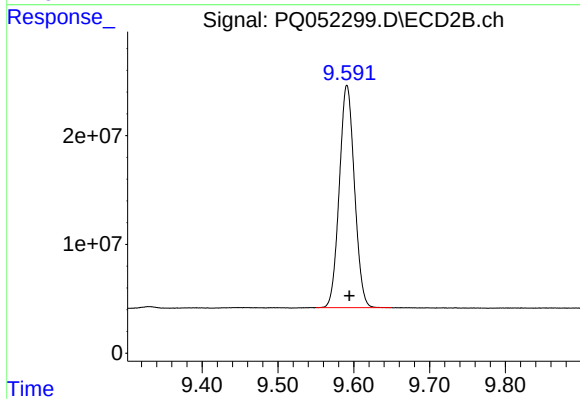
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.001 min
Response: 171157533
Conc: 20.40 ng/ml



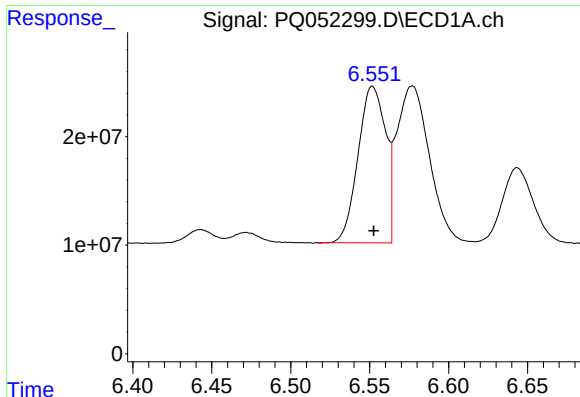
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: 0.000 min
Response: 722357051
Conc: 35.25 ng/ml



#2 Decachlorobiphenyl

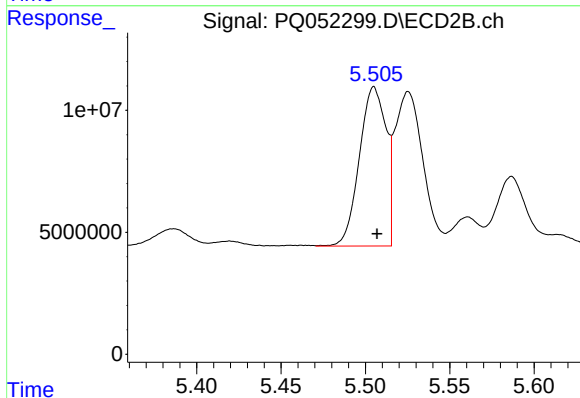
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 283346195
Conc: 36.74 ng/ml



#3 AR-1016-1

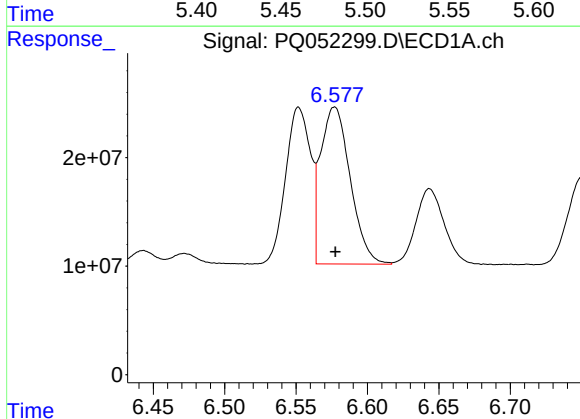
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 175053612
Conc: 217.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



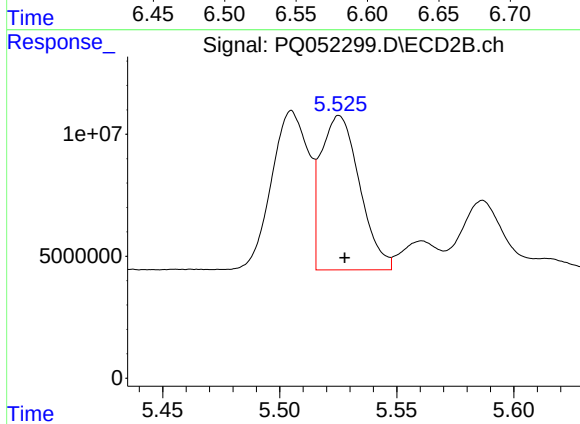
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 71674074
Conc: 232.69 ng/ml



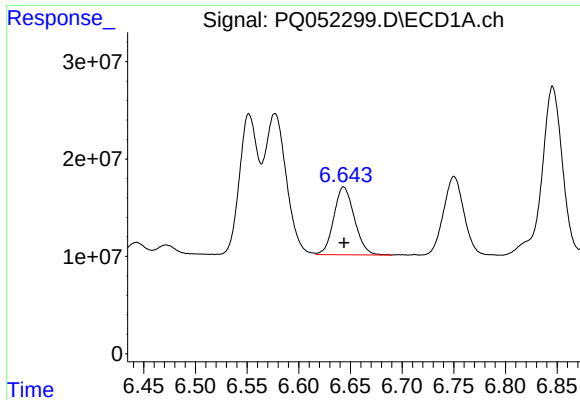
#4 AR-1016-2

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 208912437
Conc: 176.96 ng/ml



#4 AR-1016-2

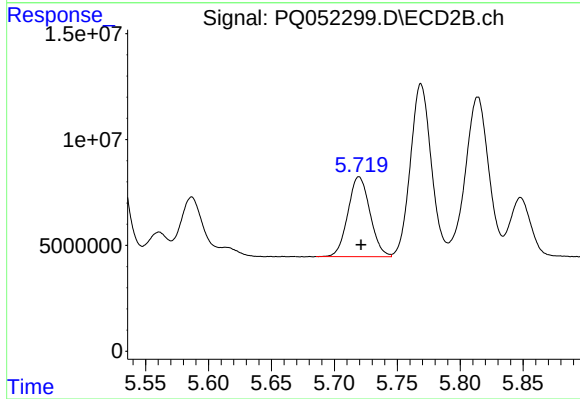
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 72879550
Conc: 169.97 ng/ml



#5 AR-1016-3

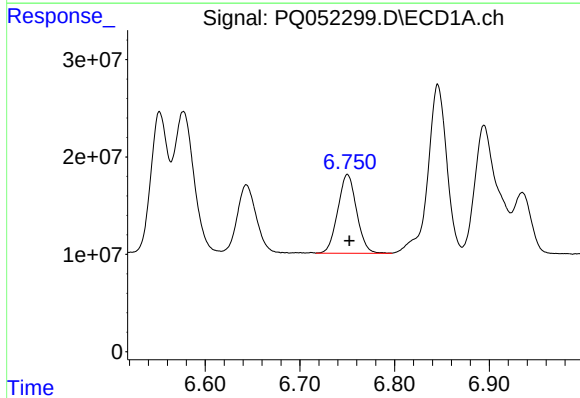
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 96443235
Conc: 135.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



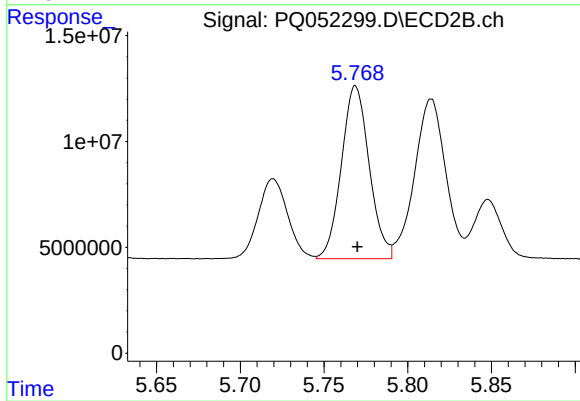
#5 AR-1016-3

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 45989242
Conc: 209.94 ng/ml



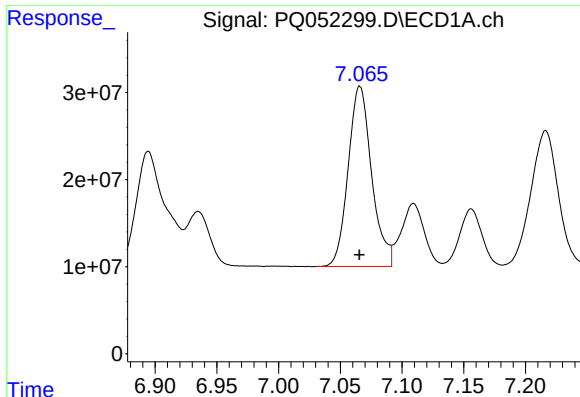
#6 AR-1016-4

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 111703229
Conc: 185.55 ng/ml



#6 AR-1016-4

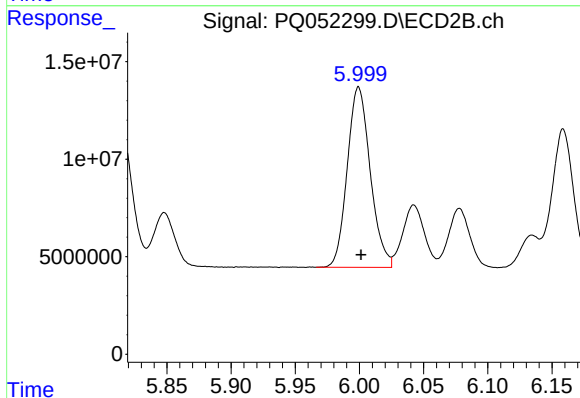
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 94394068
Conc: 563.67 ng/ml



#7 AR-1016-5

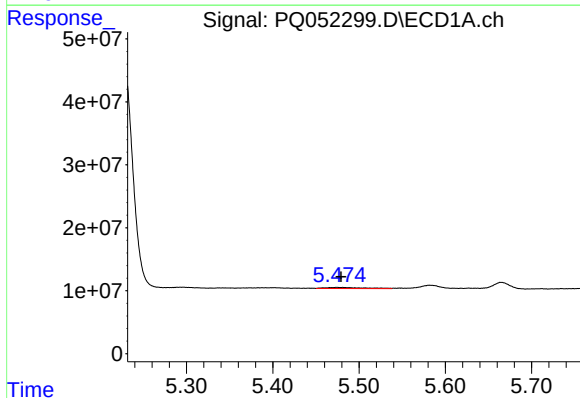
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 273914330
Conc: 486.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



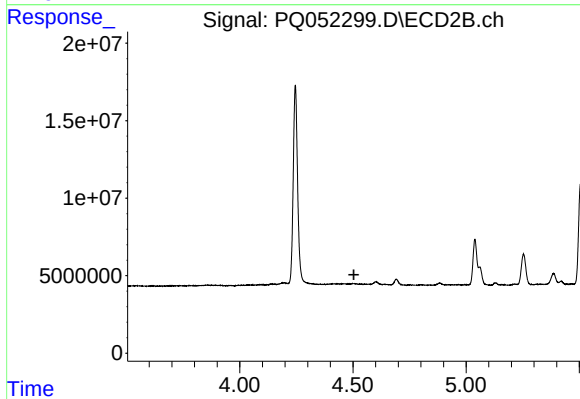
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 115292747
Conc: 539.87 ng/ml



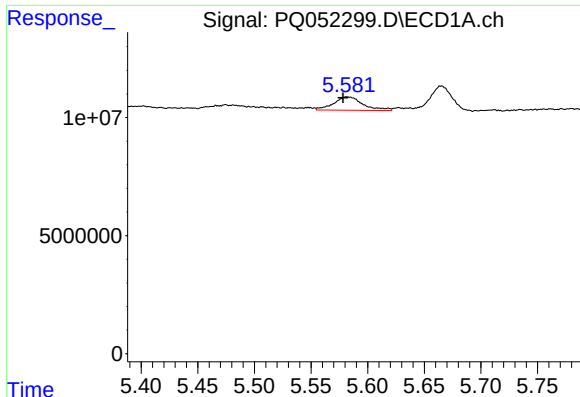
#8 AR-1221-1

R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 5732248
Conc: 22.48 ng/ml



#8 AR-1221-1

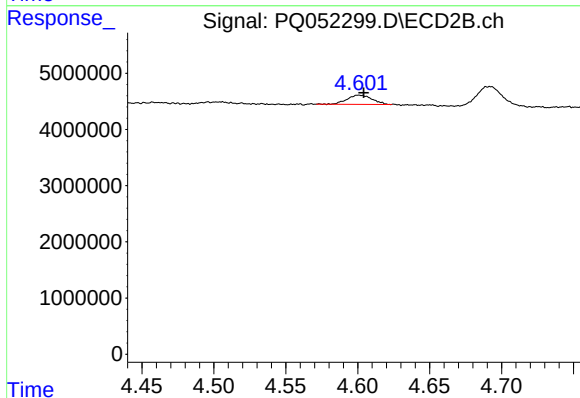
R.T.: 0.000 min
Exp R.T. : 4.504 min
Response: 0
Conc: N.D.



#9 AR-1221-2

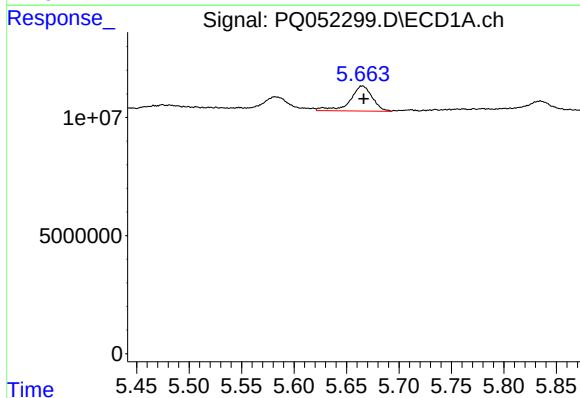
R.T.: 5.582 min
Delta R.T.: 0.004 min
Response: 10230955
Conc: 58.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



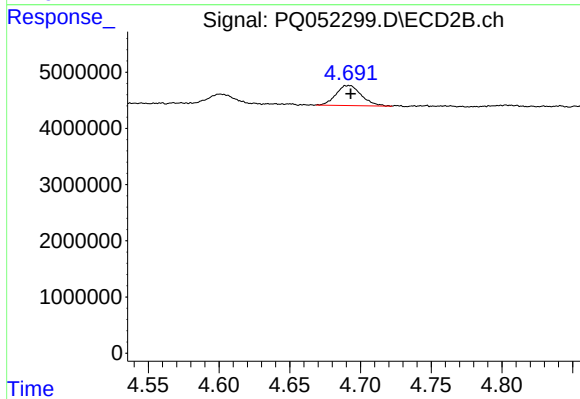
#9 AR-1221-2

R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 2011685
Conc: 31.79 ng/ml



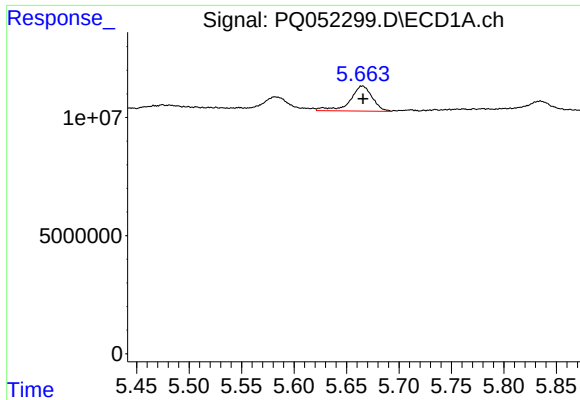
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: -0.001 min
Response: 15685595
Conc: 26.64 ng/ml



#10 AR-1221-3

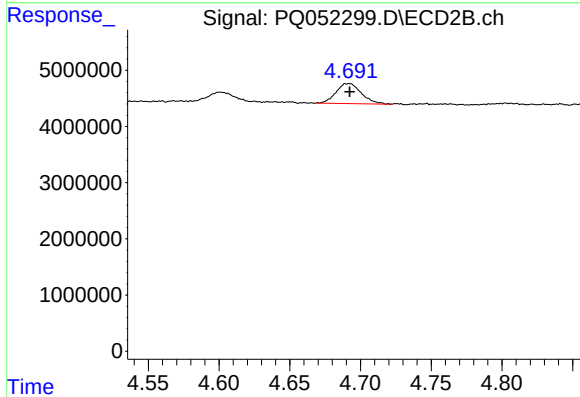
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 4454976
Conc: 20.66 ng/ml



#11 AR-1232-1

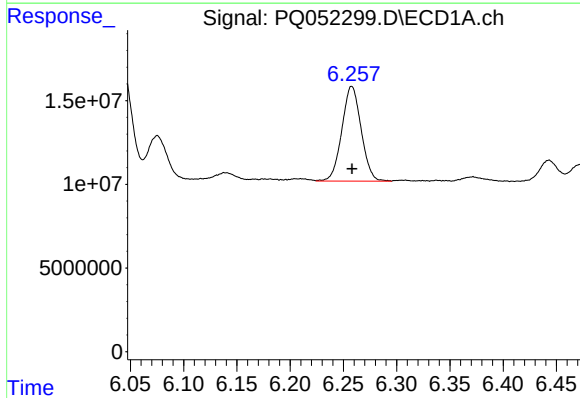
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 15685595
Conc: 31.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



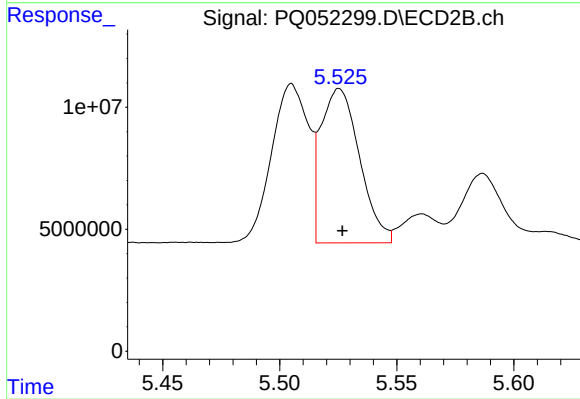
#11 AR-1232-1

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 4454976
Conc: 24.64 ng/ml



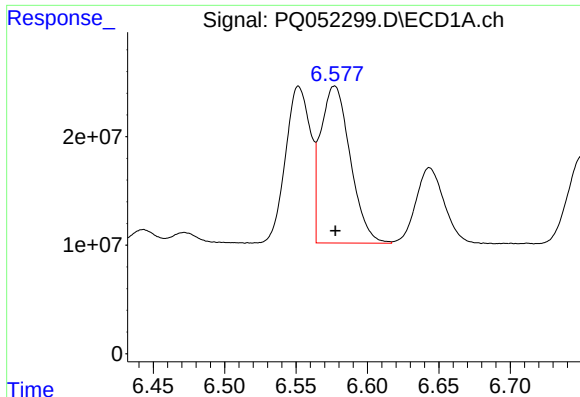
#12 AR-1232-2

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 71534049
Conc: 277.94 ng/ml



#12 AR-1232-2

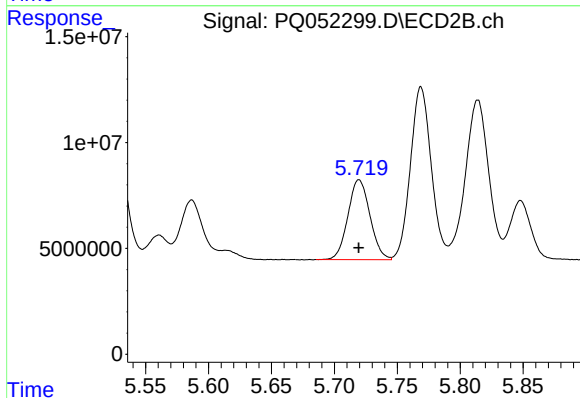
R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 72879550
Conc: 369.14 ng/ml



#13 AR-1232-3

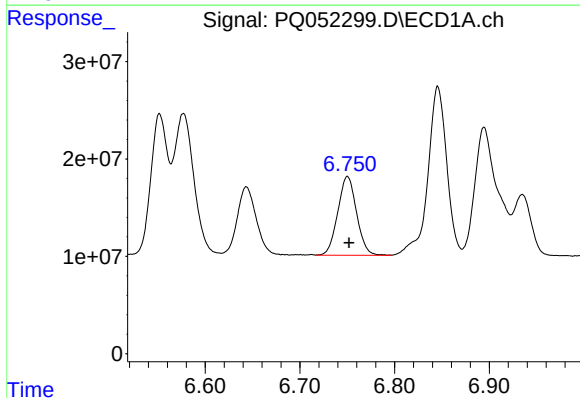
R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 208912437
Conc: 397.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



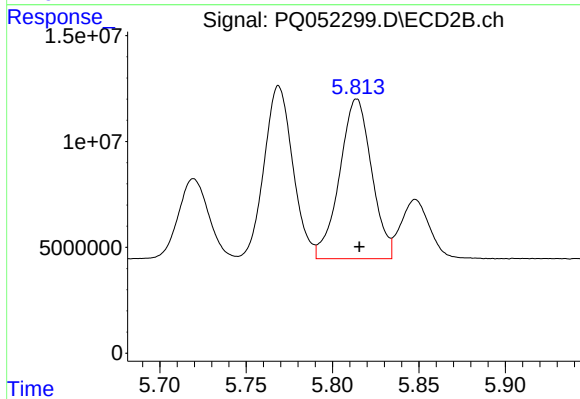
#13 AR-1232-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 45989242
Conc: 467.52 ng/ml



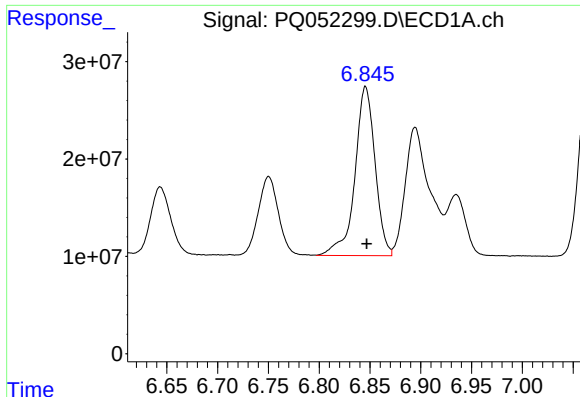
#14 AR-1232-4

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 111703229
Conc: 426.11 ng/ml



#14 AR-1232-4

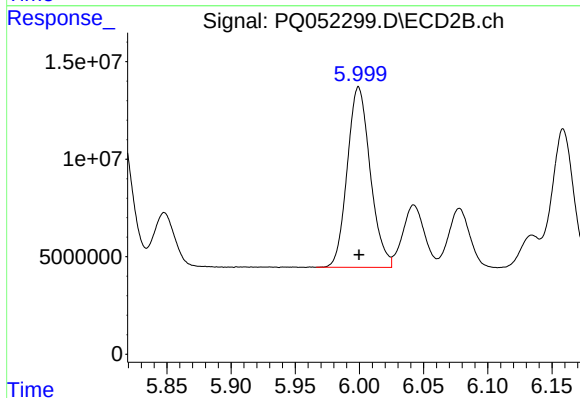
R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 97560086
Conc: 1178.67 ng/ml



#15 AR-1232-5

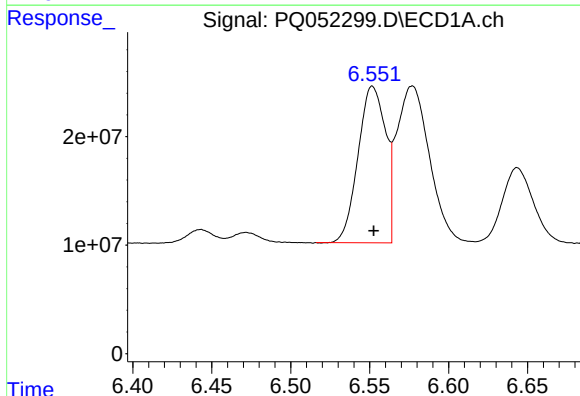
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 239910524
Conc: 1298.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



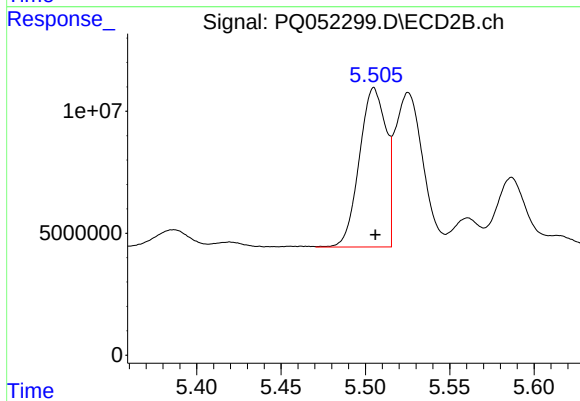
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 115292747
Conc: 1295.88 ng/ml



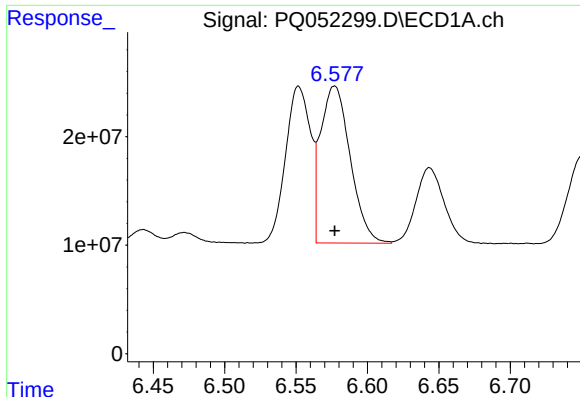
#16 AR-1242-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 175053612
Conc: 254.72 ng/ml



#16 AR-1242-1

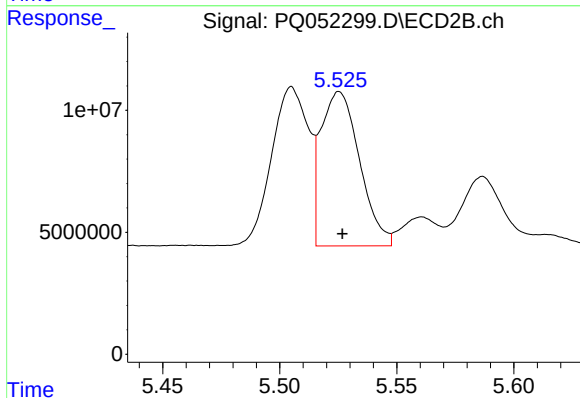
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 71674074
Conc: 272.08 ng/ml



#17 AR-1242-2

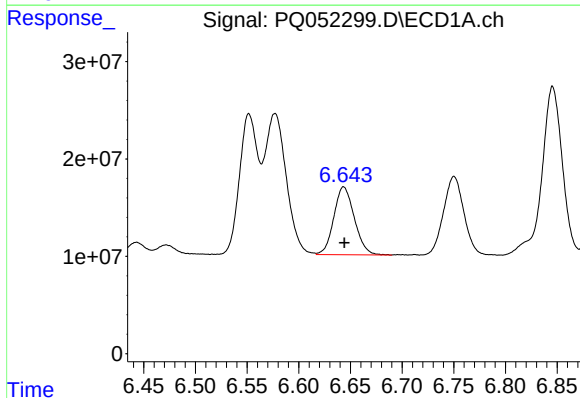
R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 208912437
Conc: 206.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



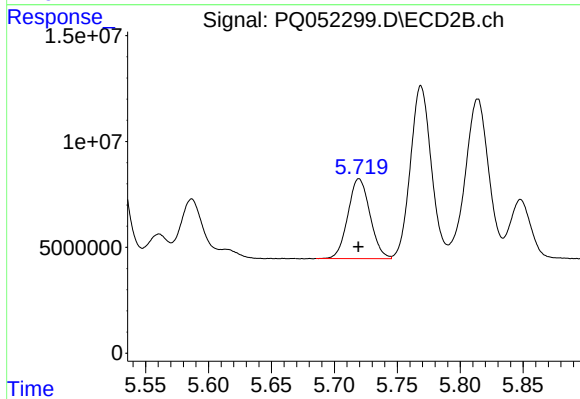
#17 AR-1242-2

R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 72879550
Conc: 198.36 ng/ml



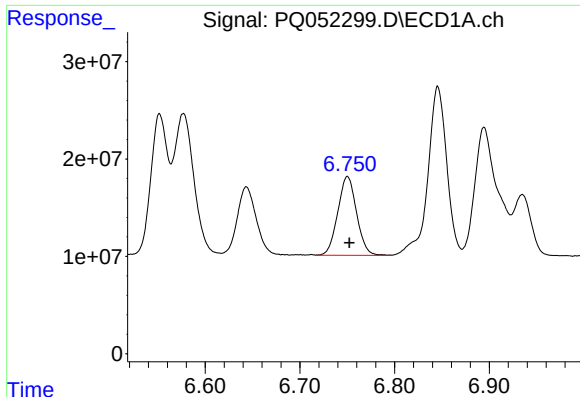
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 96443235
Conc: 158.81 ng/ml



#18 AR-1242-3

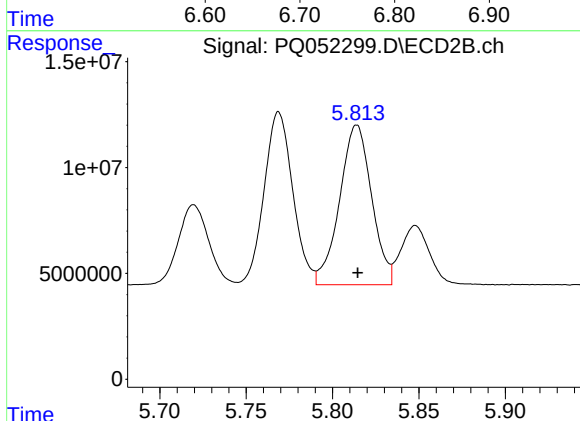
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 45989242
Conc: 241.23 ng/ml



#19 AR-1242-4

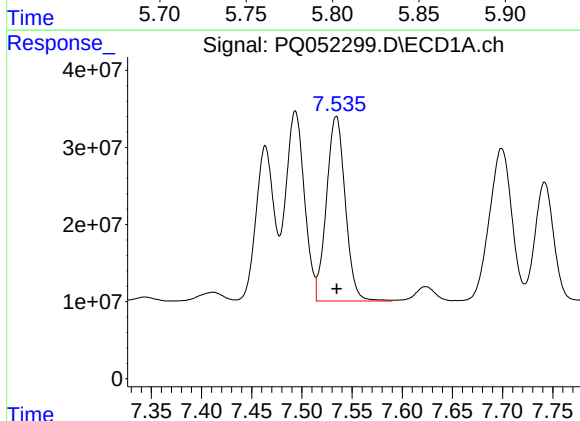
R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 111703229
Conc: 219.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



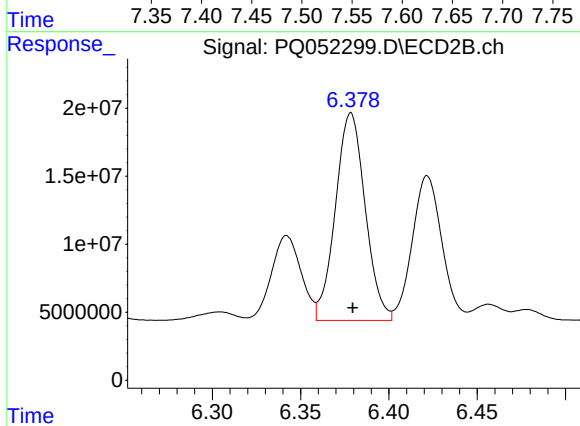
#19 AR-1242-4

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 97560086
Conc: 552.40 ng/ml



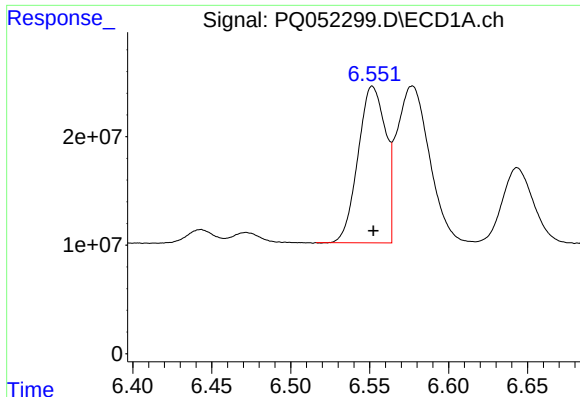
#20 AR-1242-5

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 312693146
Conc: 554.26 ng/ml



#20 AR-1242-5

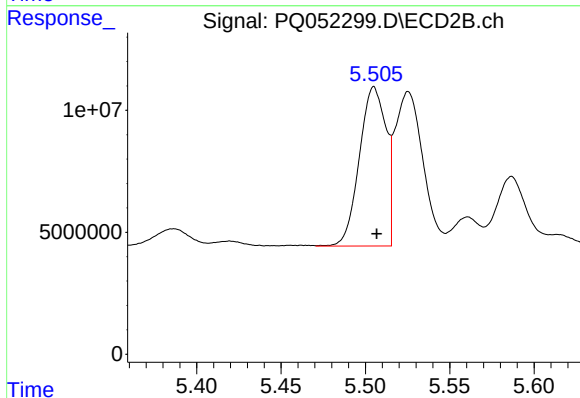
R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 179061558
Conc: 714.21 ng/ml



#21 AR-1248-1

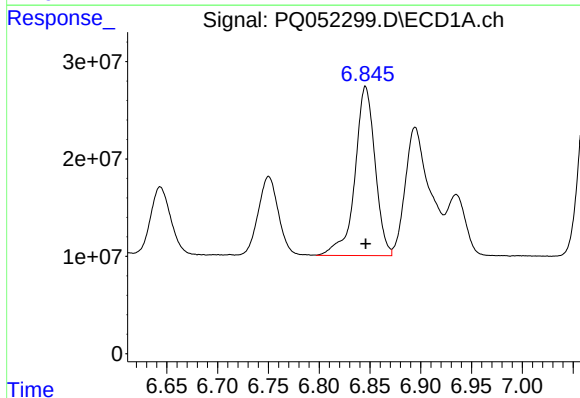
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 175053612
Conc: 319.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



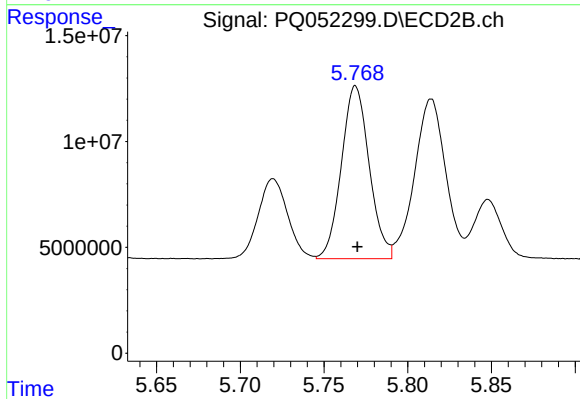
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 71674074
Conc: 348.54 ng/ml



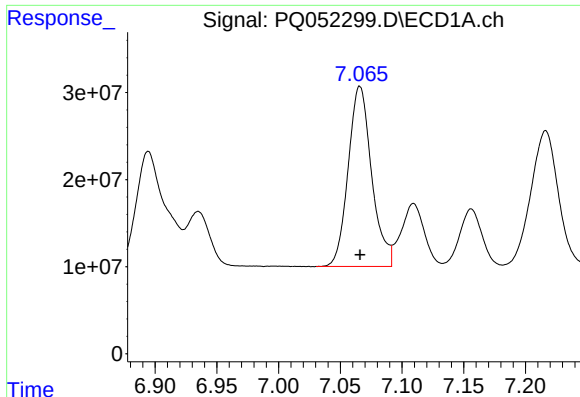
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 239910524
Conc: 312.13 ng/ml



#22 AR-1248-2

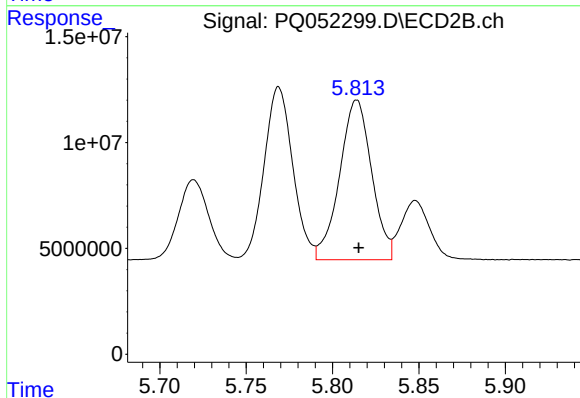
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 94394068
Conc: 349.24 ng/ml



#23 AR-1248-3

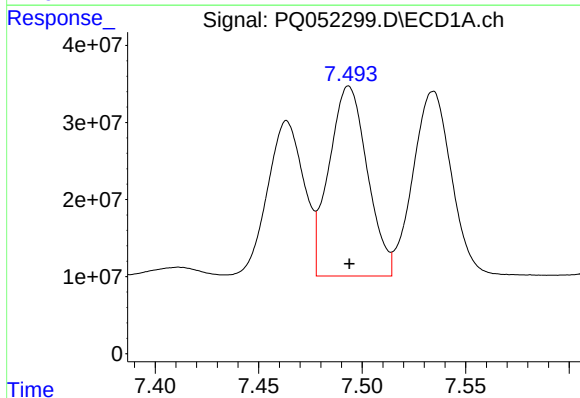
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 273914330
Conc: 310.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



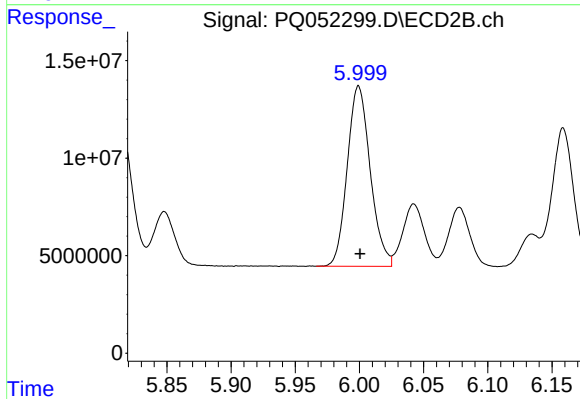
#23 AR-1248-3

R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 97560086
Conc: 349.87 ng/ml



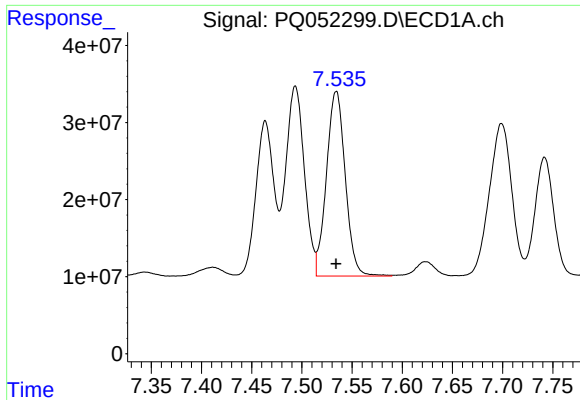
#24 AR-1248-4

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 317629848
Conc: 305.51 ng/ml



#24 AR-1248-4

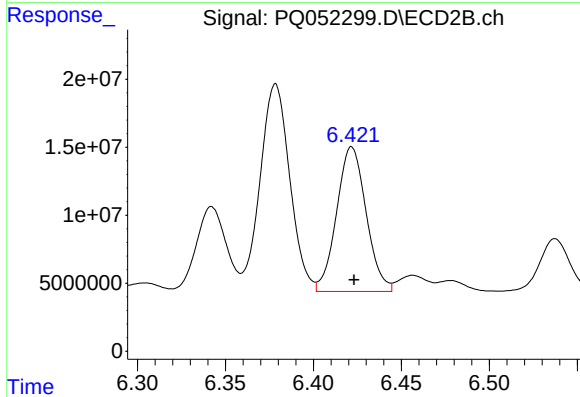
R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 115292747
Conc: 346.49 ng/ml



#25 AR-1248-5

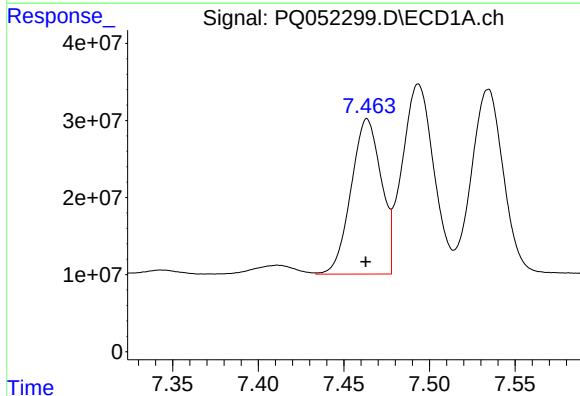
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 312693146
Conc: 305.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



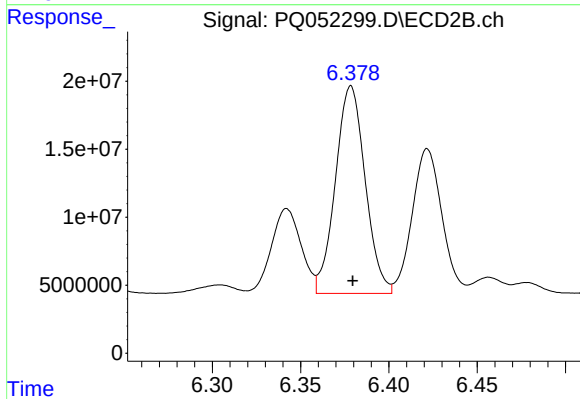
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 124393202
Conc: 347.91 ng/ml



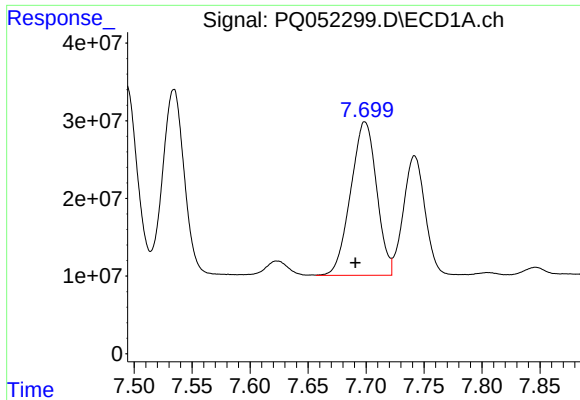
#26 AR-1254-1

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 246932794
Conc: 248.57 ng/ml



#26 AR-1254-1

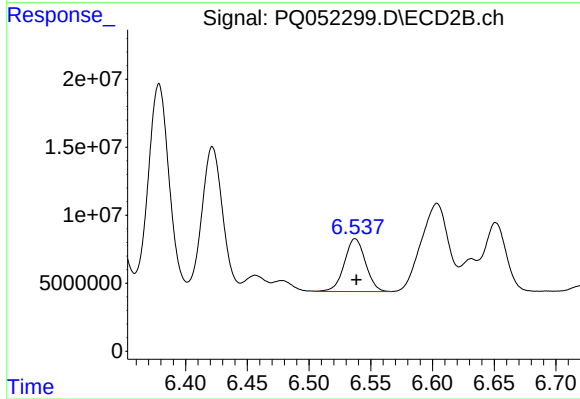
R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 179061558
Conc: 335.77 ng/ml



#27 AR-1254-2

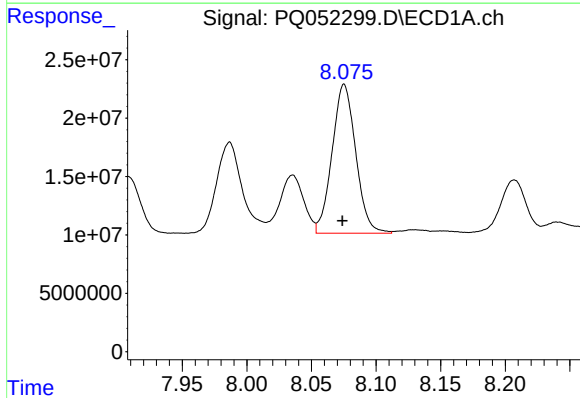
R.T.: 7.699 min
Delta R.T.: 0.008 min
Response: 307419191
Conc: 198.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



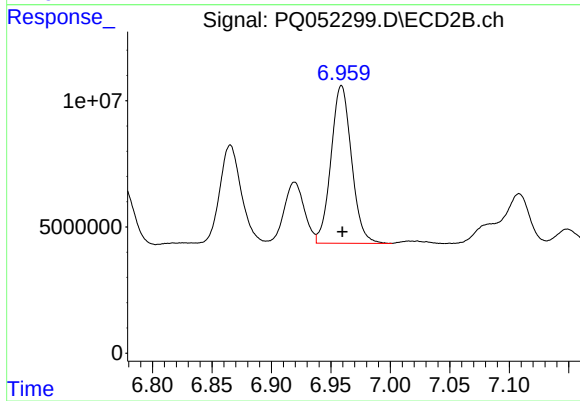
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 46325329
Conc: 101.45 ng/ml



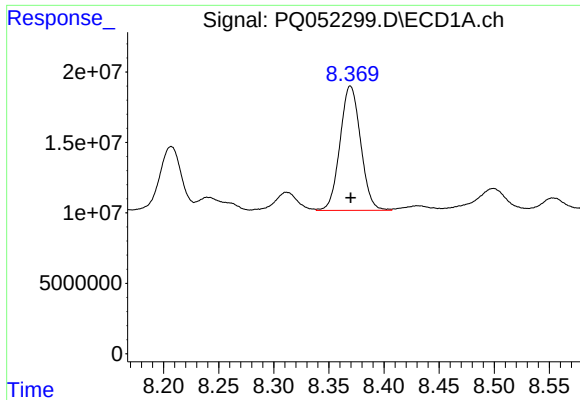
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.001 min
Response: 162617696
Conc: 96.21 ng/ml



#28 AR-1254-3

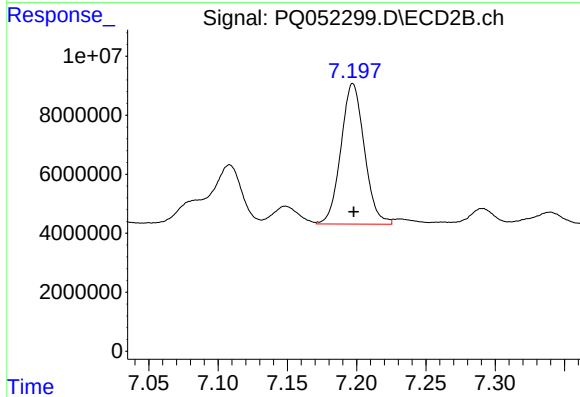
R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 75123250
Conc: 99.90 ng/ml



#29 AR-1254-4

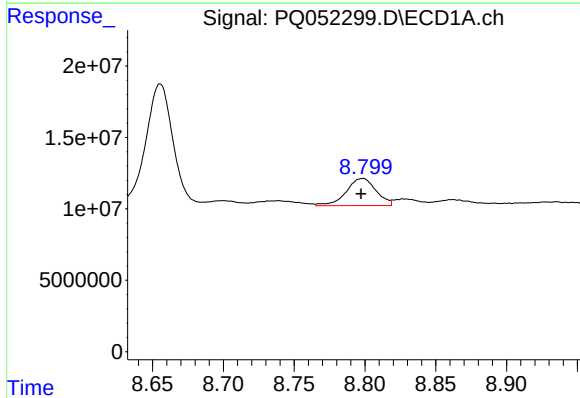
R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 114767002
Conc: 91.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



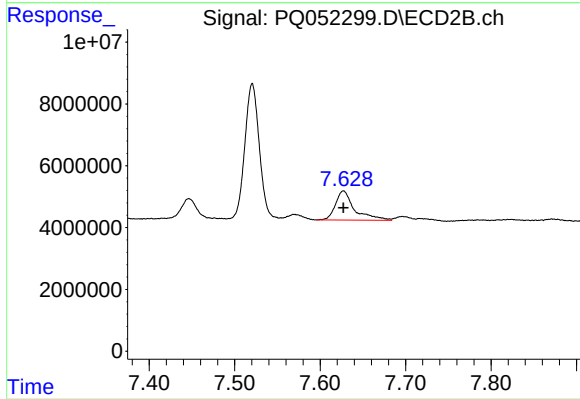
#29 AR-1254-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 56151453
Conc: 111.29 ng/ml



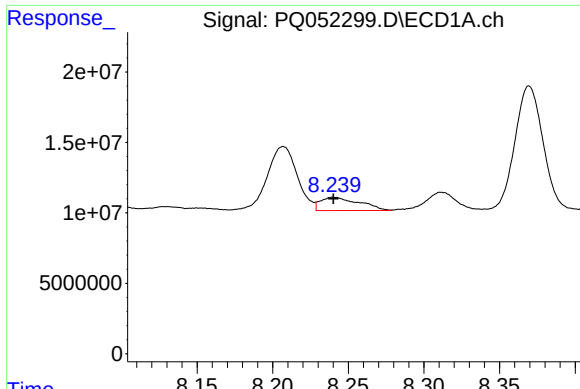
#30 AR-1254-5

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 27806912
Conc: 20.69 ng/ml



#30 AR-1254-5

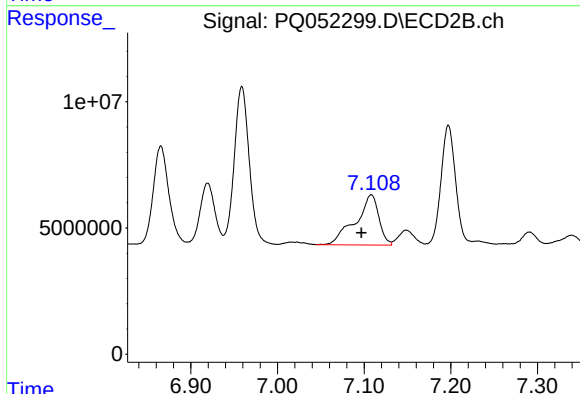
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 14584485
Conc: 21.44 ng/ml



#31 AR-1260-1

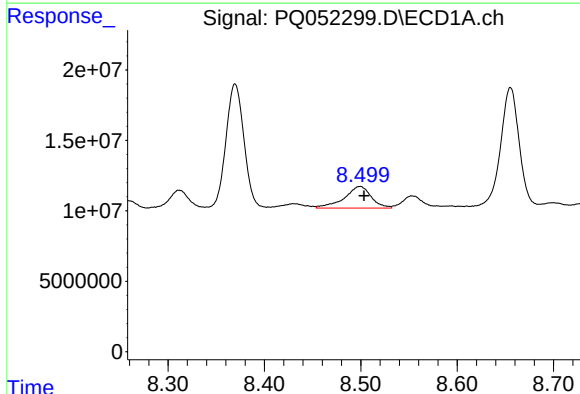
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16840420
Conc: 16.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



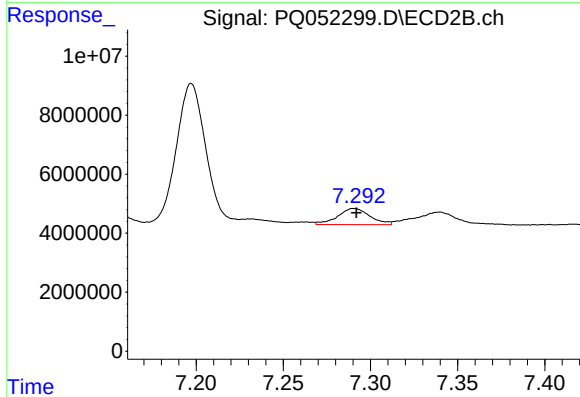
#31 AR-1260-1

R.T.: 7.108 min
Delta R.T.: 0.011 min
Response: 37322409
Conc: 91.12 ng/ml



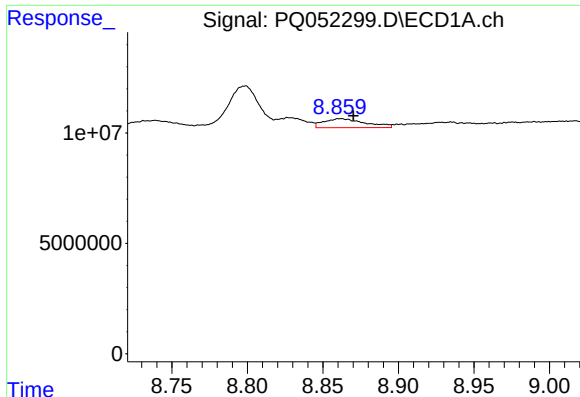
#32 AR-1260-2

R.T.: 8.499 min
Delta R.T.: -0.004 min
Response: 29832548
Conc: 24.29 ng/ml



#32 AR-1260-2

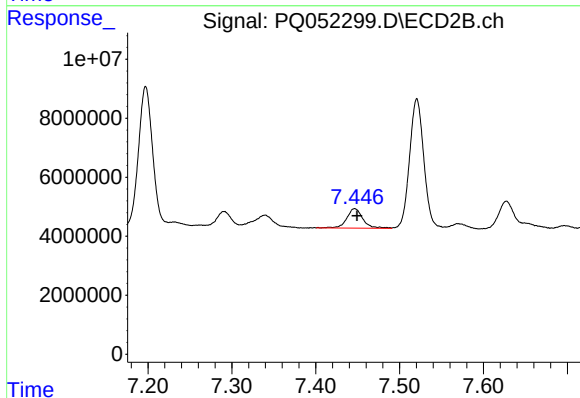
R.T.: 7.291 min
Delta R.T.: -0.001 min
Response: 7038342
Conc: 13.26 ng/ml



#33 AR-1260-3

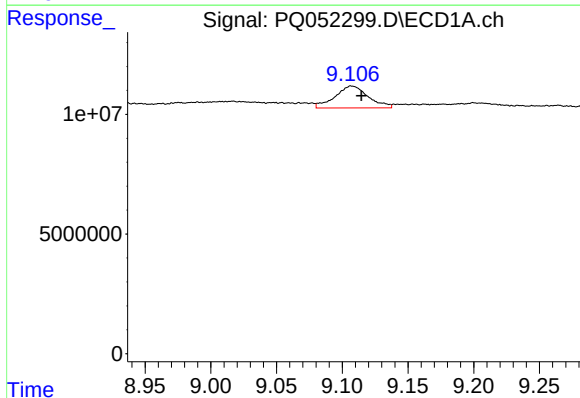
R.T.: 8.862 min
Delta R.T.: -0.008 min
Response: 7876720
Conc: 8.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



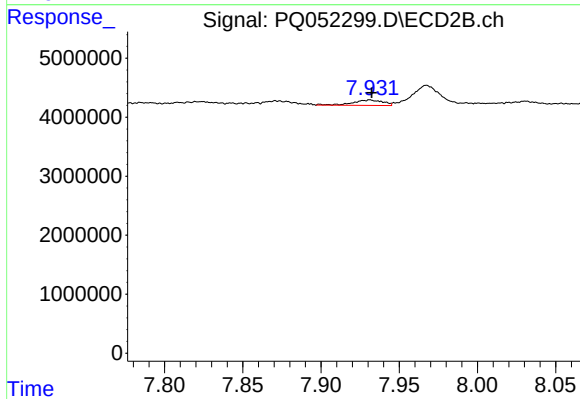
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 8719733
Conc: 18.25 ng/ml



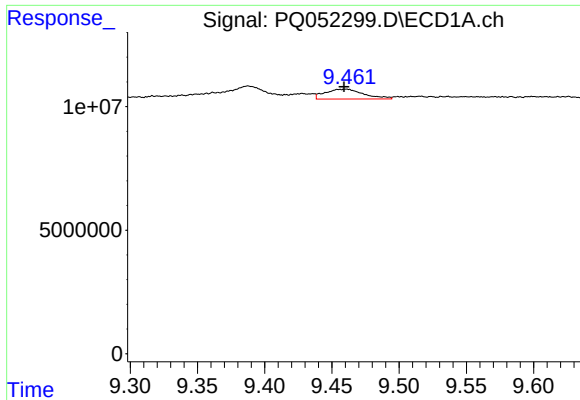
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.007 min
Response: 16168113
Conc: 15.01 ng/ml



#34 AR-1260-4

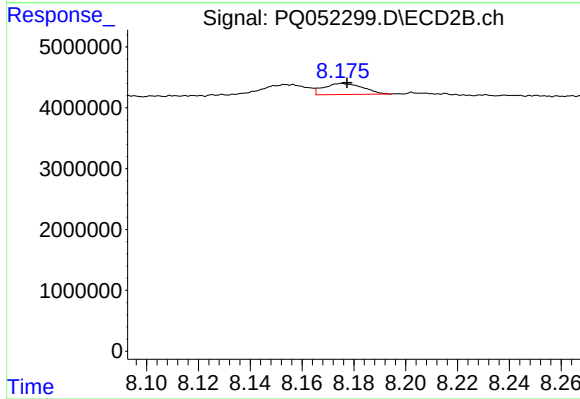
R.T.: 7.931 min
Delta R.T.: -0.001 min
Response: 1230992
Conc: 3.04 ng/ml



#35 AR-1260-5

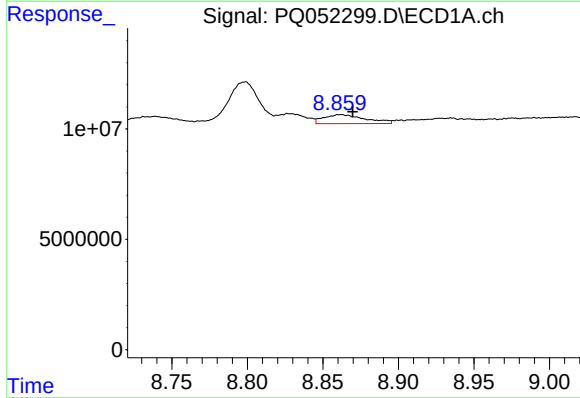
R.T.: 9.461 min
Delta R.T.: 0.002 min
Response: 7913640
Conc: 3.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



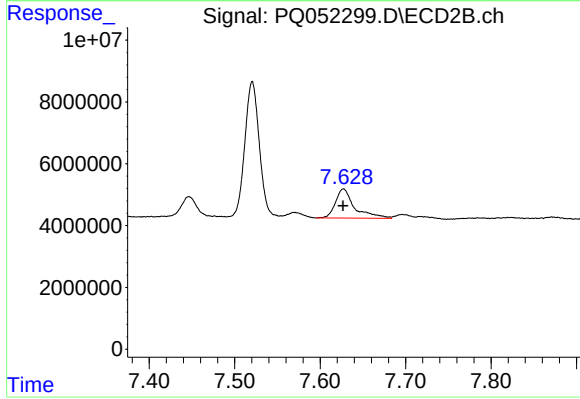
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 1921697
Conc: 1.78 ng/ml



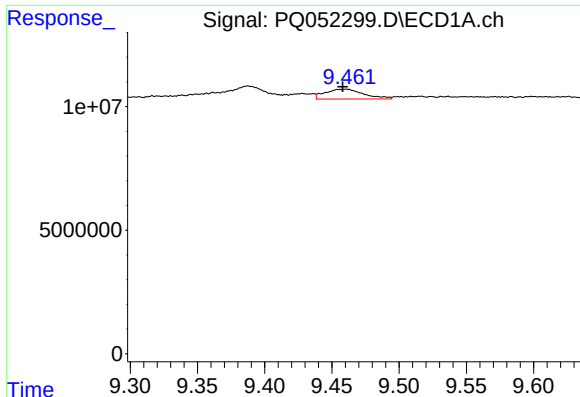
#36 AR-1262-1

R.T.: 8.862 min
Delta R.T.: -0.008 min
Response: 7876720
Conc: 5.00 ng/ml



#36 AR-1262-1

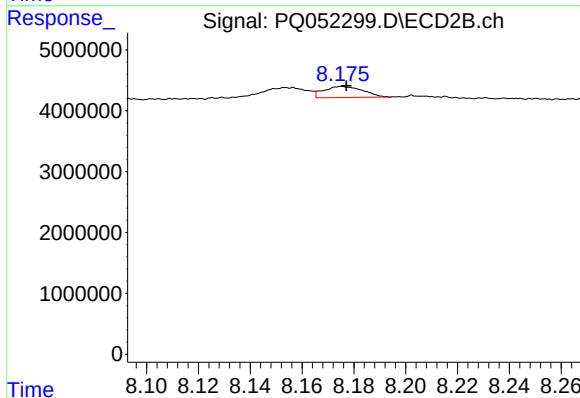
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 14584485
Conc: 42.24 ng/ml



#37 AR-1262-2

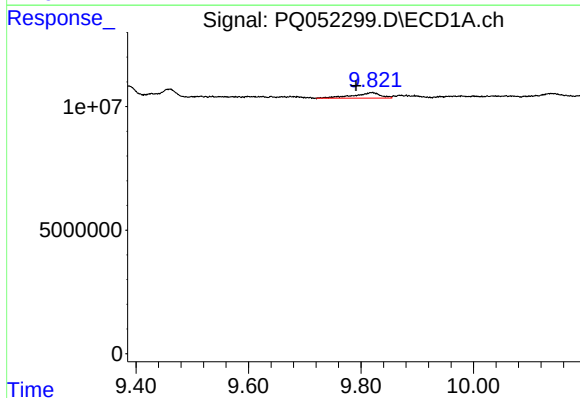
R.T.: 9.461 min
Delta R.T.: 0.003 min
Response: 7913640
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



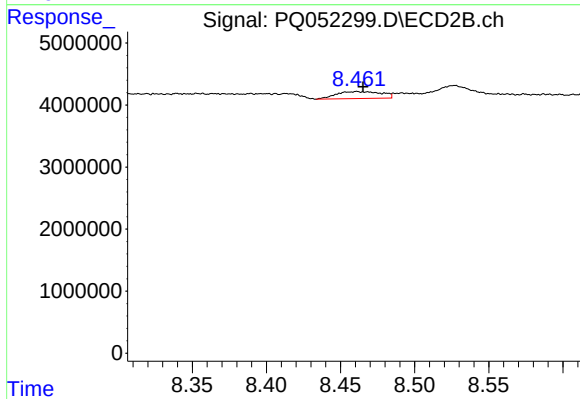
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 1921697
Conc: 1.43 ng/ml



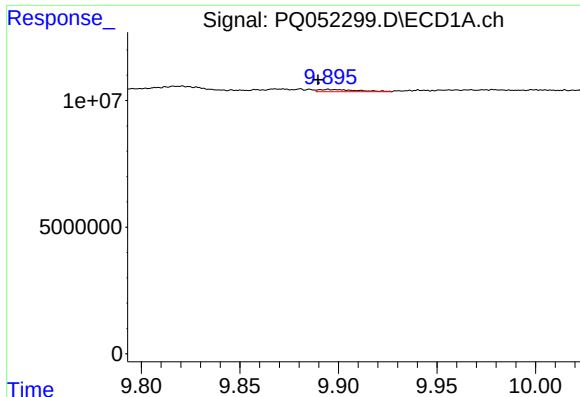
#38 AR-1262-3

R.T.: 9.820 min
Delta R.T.: 0.029 min
Response: 7291863
Conc: 3.66 ng/ml



#38 AR-1262-3

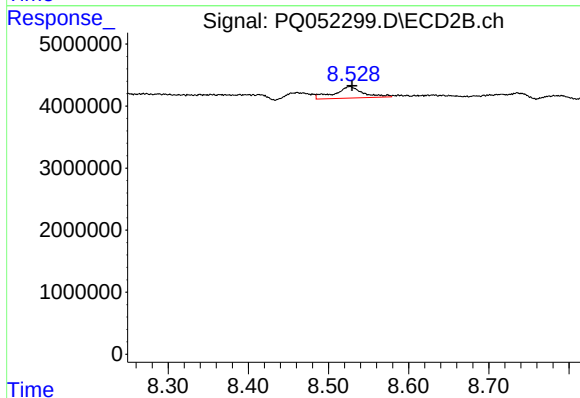
R.T.: 8.461 min
Delta R.T.: -0.004 min
Response: 2369974
Conc: 4.53 ng/ml



#39 AR-1262-4

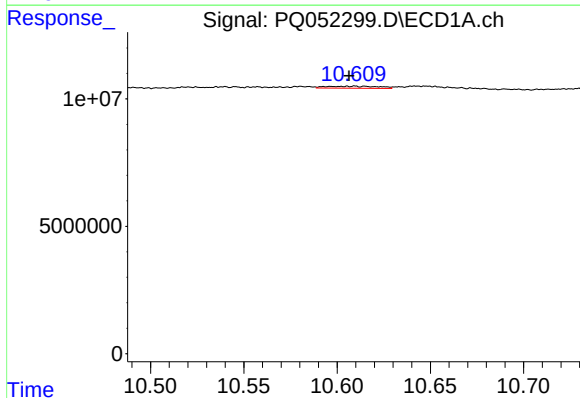
R.T.: 9.895 min
Delta R.T.: 0.005 min
Response: 1190648
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



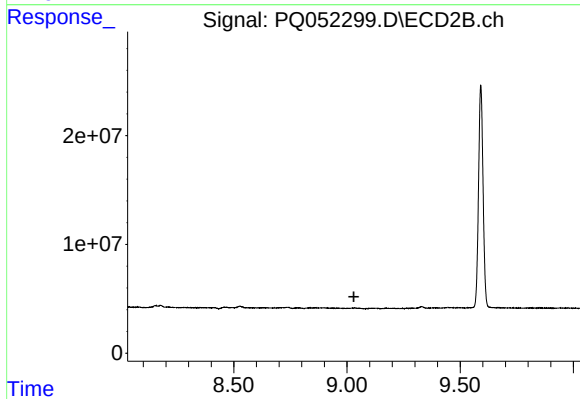
#39 AR-1262-4

R.T.: 8.527 min
Delta R.T.: -0.002 min
Response: 4573158
Conc: 4.68 ng/ml



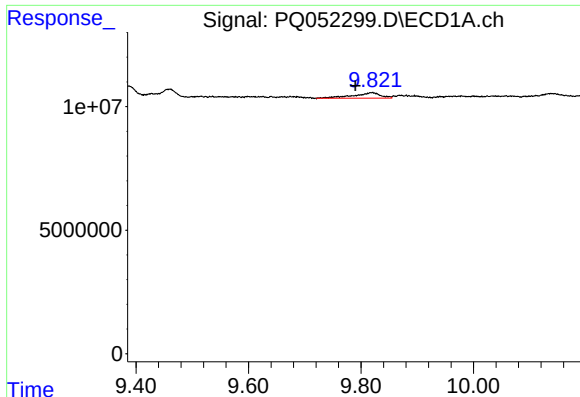
#40 AR-1262-5

R.T.: 10.609 min
Delta R.T.: 0.003 min
Response: 1529624
Conc: 1.41 ng/ml



#40 AR-1262-5

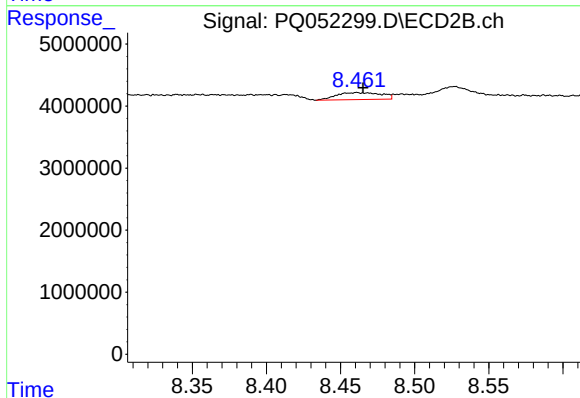
R.T.: 0.000 min
Exp R.T.: 9.031 min
Response: 0
Conc: N.D.



#41 AR-1268-1

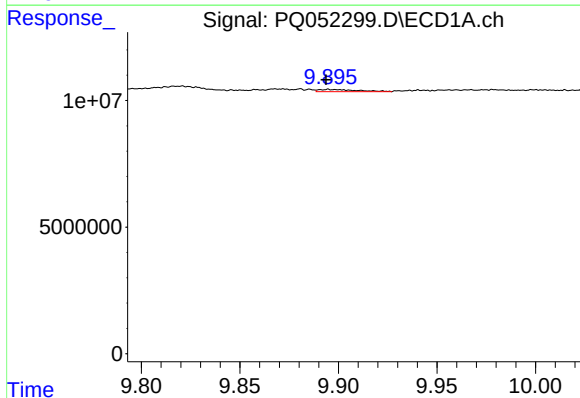
R.T.: 9.820 min
Delta R.T.: 0.030 min
Response: 7291863
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



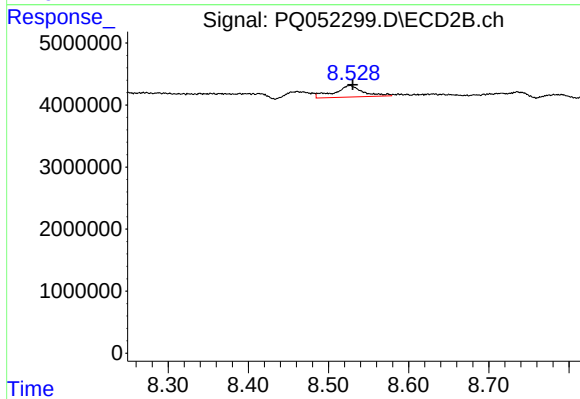
#41 AR-1268-1

R.T.: 8.461 min
Delta R.T.: -0.004 min
Response: 2369974
Conc: 1.47 ng/ml



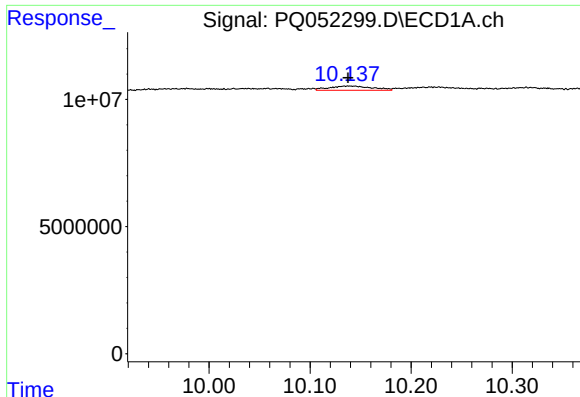
#42 AR-1268-2

R.T.: 9.895 min
Delta R.T.: 0.001 min
Response: 1190648
Conc: 0.36 ng/ml



#42 AR-1268-2

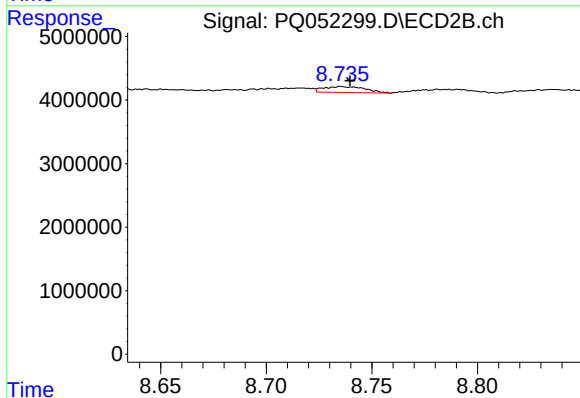
R.T.: 8.527 min
Delta R.T.: -0.003 min
Response: 4573158
Conc: 3.07 ng/ml



#43 AR-1268-3

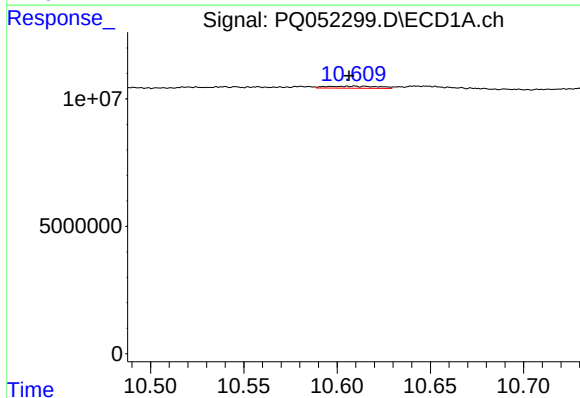
R.T.: 10.135 min
Delta R.T.: -0.003 min
Response: 4907053
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



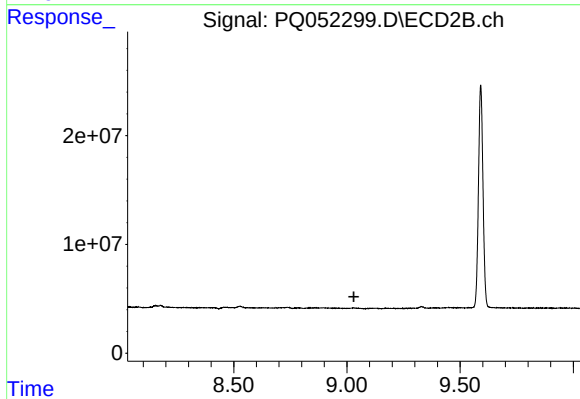
#43 AR-1268-3

R.T.: 8.735 min
Delta R.T.: -0.004 min
Response: 1260569
Conc: 1.01 ng/ml



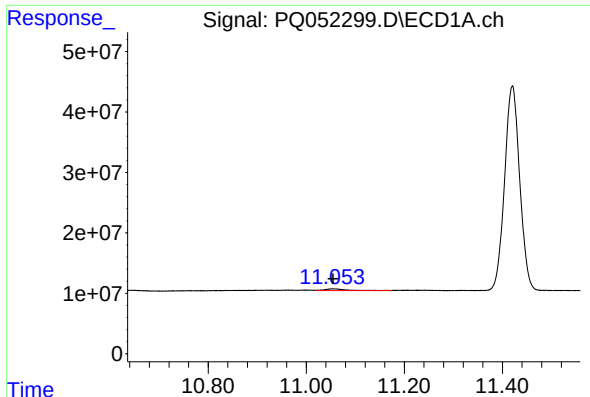
#44 AR-1268-4

R.T.: 10.609 min
Delta R.T.: 0.003 min
Response: 1529624
Conc: 1.25 ng/ml



#44 AR-1268-4

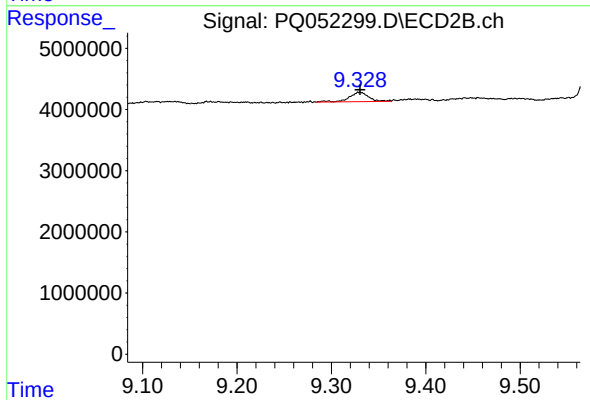
R.T.: 0.000 min
Exp R.T.: 9.031 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.055 min
Delta R.T.: 0.001 min
Response: 8404303
Conc: 0.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: 0.000 min
Response: 2155419
Conc: 0.54 ng/ml