

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011421\
 Data File : PQ051709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2021 15:59
 Operator : DD\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 13 18:28:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 13 03:20:30 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.237	4.254	557.5E6	159.9E6	20.293	20.483
2)	SA Decachlor...	11.429	9.603	348.5E6	113.8E6	20.419	20.761
Target Compounds							
3)	L1 AR-1016-1	6.555	5.517	1709268	11026453	1.884	41.463 #
4)	L1 AR-1016-2	6.585	5.534	2537469	15011897	1.896	40.296 #
5)	L1 AR-1016-3	6.651	5.731	924924	15720431	1.165	82.004 #
6)	L1 AR-1016-4	0.000	5.770	0	27526266	N.D.	182.385 #
8)	L2 AR-1221-1	5.486	0.000	866472	0	3.188	N.D. #
9)	L2 AR-1221-2	5.593	4.609	6849584	2281098	34.413	39.828
10)	L2 AR-1221-3	0.000	4.701	0	1640333	N.D.	8.859 #
11)	L3 AR-1232-1	0.000	4.701	0	1640333	N.D.	10.834 #
12)	L3 AR-1232-2	6.261	5.534	1030163	15011897	3.767	97.336 #
13)	L3 AR-1232-3	6.585	5.731	2537469	15720431	4.565	197.778 #
14)	L3 AR-1232-4	0.000	5.833	0	13820551	N.D.	205.574 #
16)	L4 AR-1242-1	6.555	5.517	1709268	11026453	2.532	55.078 #
17)	L4 AR-1242-2	6.585	5.534	2537469	15011897	2.535	53.896 #
18)	L4 AR-1242-3	6.651	5.731	924924	15720431	1.556	108.846 #
19)	L4 AR-1242-4	0.000	5.833	0	13820551	N.D.	100.759 #
20)	L4 AR-1242-5	7.539	6.365f	27843913	4446235	53.495	25.436 #
21)	L5 AR-1248-1	6.555	5.517	1709268	11026453	3.395	75.589 #
22)	L5 AR-1248-2	0.000	5.770	0	27526266	N.D.	139.017 #
23)	L5 AR-1248-3	0.000	5.833	0	13820551	N.D.	67.643 #
24)	L5 AR-1248-4	7.475f	0.000	141.5E6	0	155.438	N.D. #
25)	L5 AR-1248-5	7.539	6.412f	27843913	38473747	30.984	159.310 #
26)	L6 AR-1254-1	7.475	6.365f	141.5E6	4446235	156.306	11.684 #
27)	L6 AR-1254-2	7.696	6.546	13347490	23866248	9.595	73.877 #
28)	L6 AR-1254-3	8.106f	6.970	7496334	2496093	5.160	4.680
30)	L6 AR-1254-5	8.804	7.635	1317818	2197246	1.249	4.891 #
31)	L7 AR-1260-1	8.250	7.102	25847534	1747224	24.976	5.028 #
32)	L7 AR-1260-2	8.513	7.270f	2707940	8991965	2.257	21.107 #
33)	L7 AR-1260-3	0.000	7.457	0	4425225	N.D.	11.120 #
34)	L7 AR-1260-4	0.000	7.940	0	1827230	N.D.	5.606 #
35)	L7 AR-1260-5	9.467	8.185	1258871	2871527	0.632	3.666 #
36)	L8 AR-1262-1	0.000	7.635	0	2197246	N.D.	9.490 #
37)	L8 AR-1262-2	9.467	8.185	1258871	2871527	0.583	3.494 #
38)	L8 AR-1262-3	0.000	8.499f	0	3546086	N.D.	11.869 #
39)	L8 AR-1262-4	0.000	8.531	0	1782451	N.D.	3.110 #
40)	L8 AR-1262-5	0.000	9.042	0	1950249	N.D.	7.855 #
41)	L9 AR-1268-1	0.000	8.499f	0	3546086	N.D.	3.892 #
42)	L9 AR-1268-2	0.000	8.531	0	1782451	N.D.	2.145 #
43)	L9 AR-1268-3	0.000	8.748	0	993618	N.D.	1.427 #
44)	L9 AR-1268-4	0.000	9.042	0	1950249	N.D.	7.062 #

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Integration File signal 1: autoint1.e
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	11.063	9.341	2238651	808709	0.364	0.386

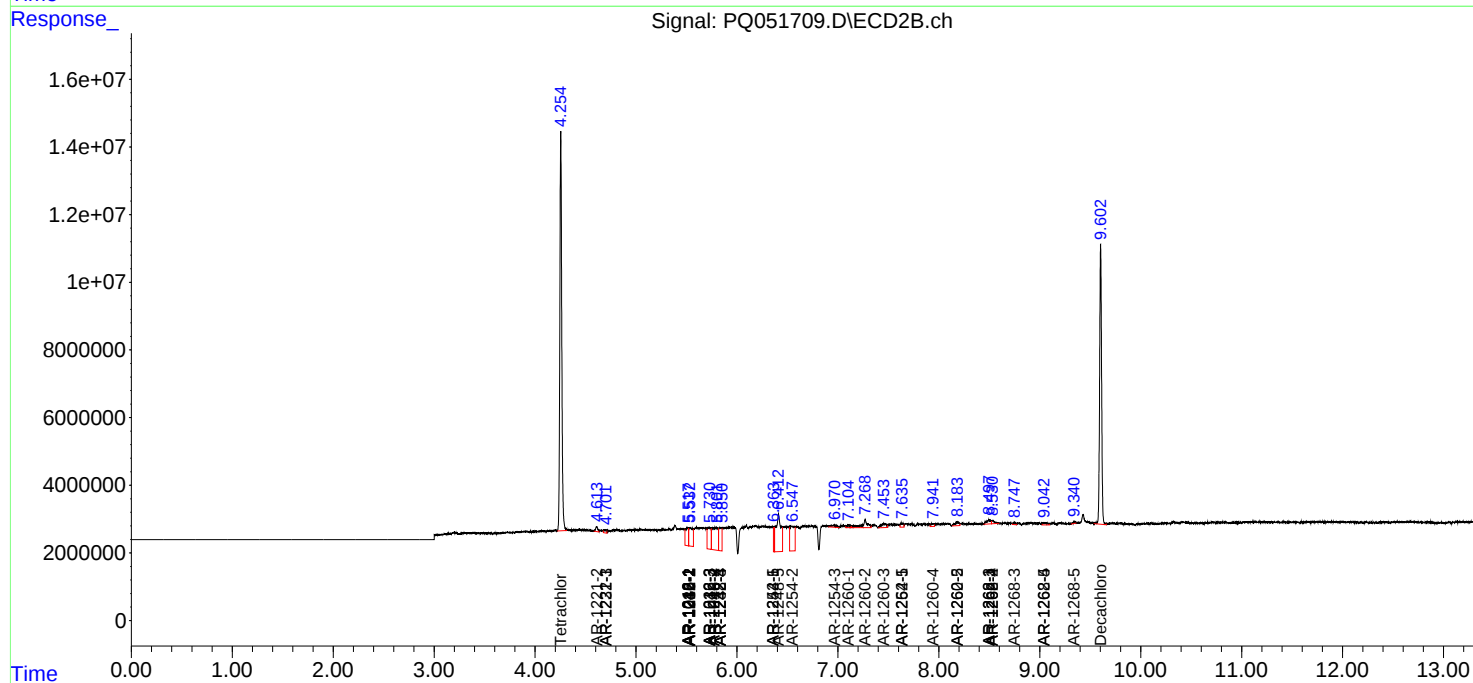
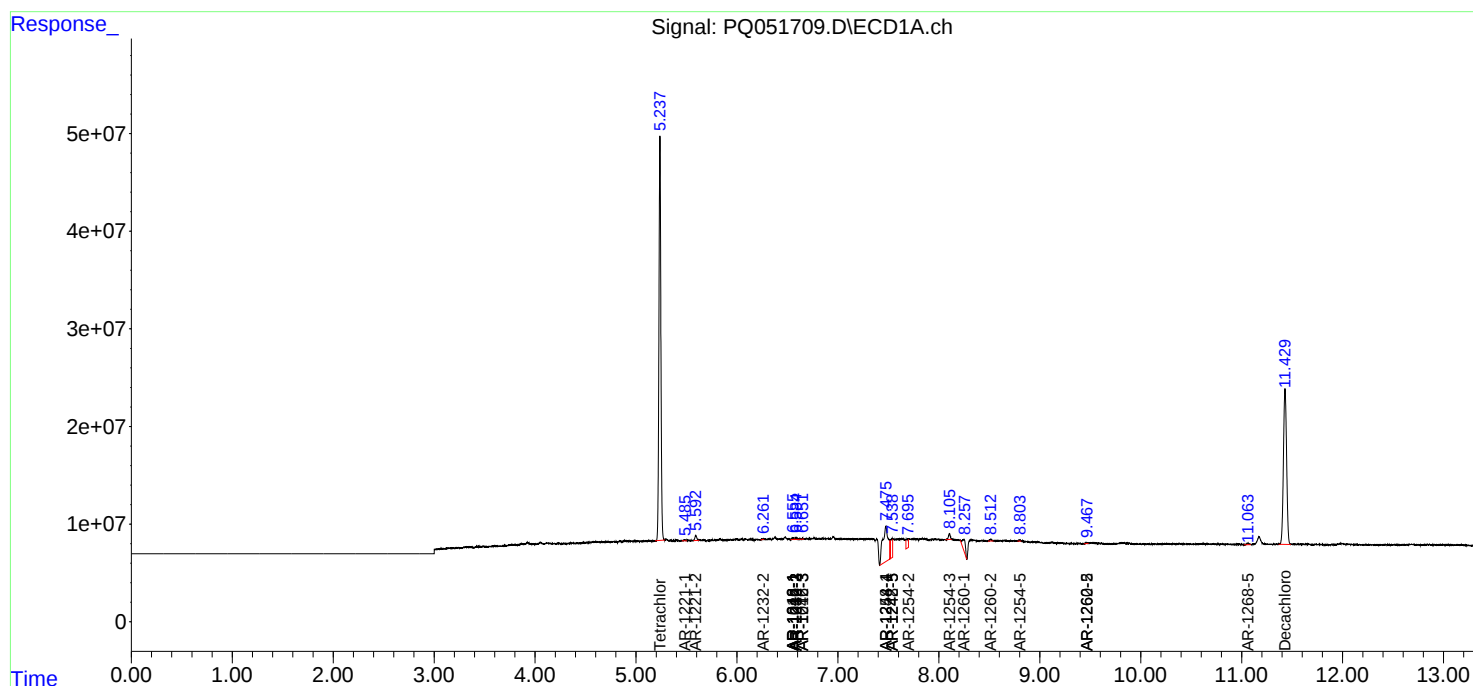
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

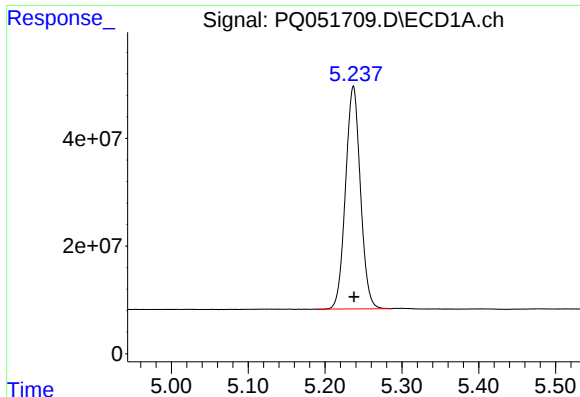
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011421\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

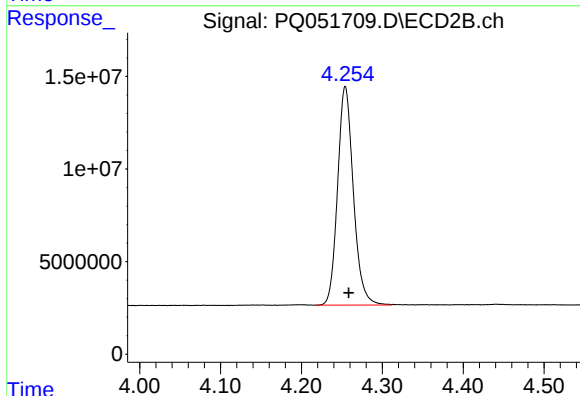




#1 Tetrachloro-m-xylene

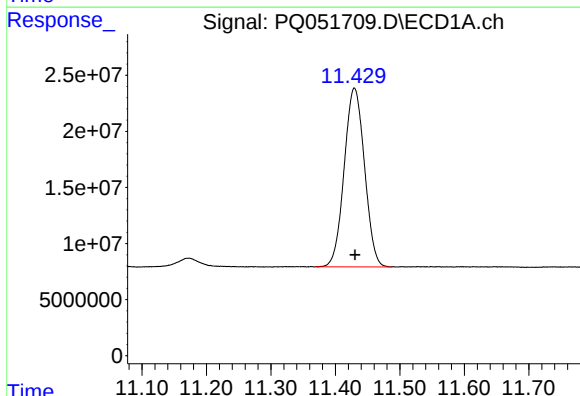
R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 557465593
Conc: 20.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



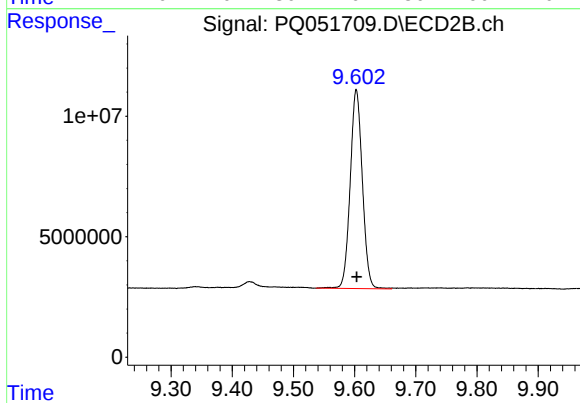
#1 Tetrachloro-m-xylene

R.T.: 4.254 min
Delta R.T.: -0.004 min
Response: 159941987
Conc: 20.48 ng/ml



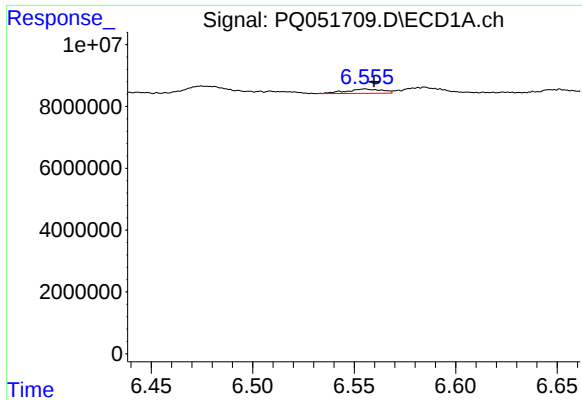
#2 Decachlorobiphenyl

R.T.: 11.429 min
Delta R.T.: -0.001 min
Response: 348483389
Conc: 20.42 ng/ml



#2 Decachlorobiphenyl

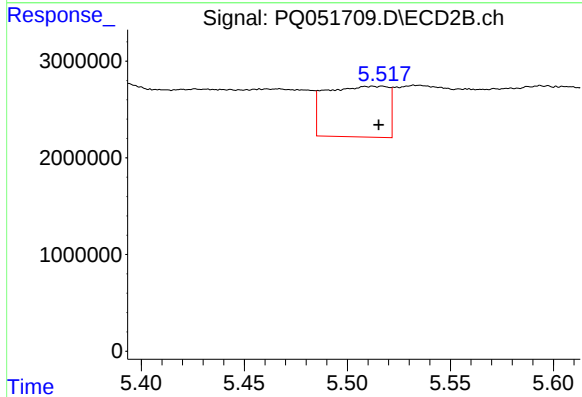
R.T.: 9.603 min
Delta R.T.: 0.000 min
Response: 113836876
Conc: 20.76 ng/ml



#3 AR-1016-1

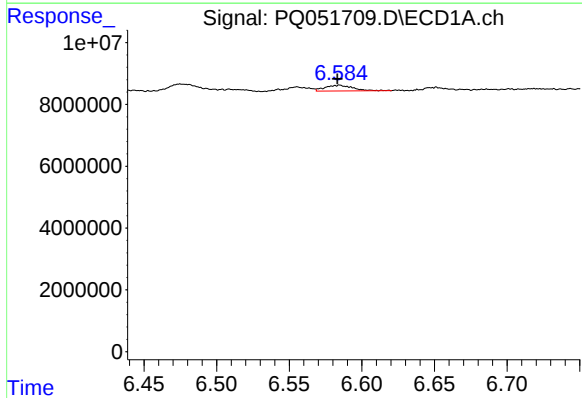
R.T.: 6.555 min
Delta R.T.: -0.004 min
Response: 1709268
Conc: 1.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



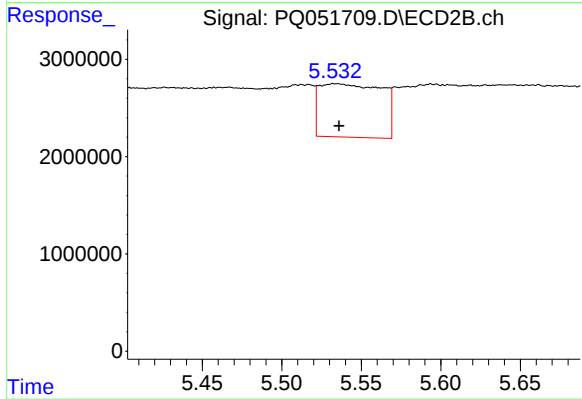
#3 AR-1016-1

R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 11026453
Conc: 41.46 ng/ml



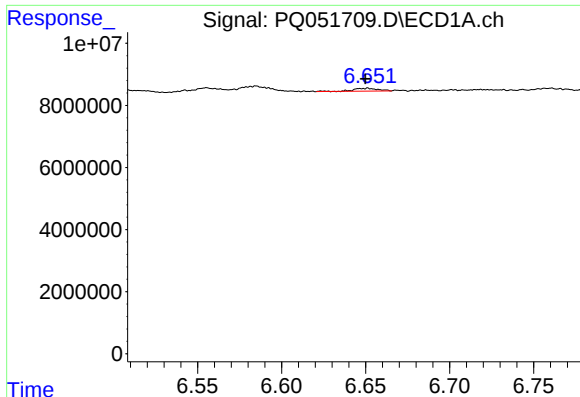
#4 AR-1016-2

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 2537469
Conc: 1.90 ng/ml



#4 AR-1016-2

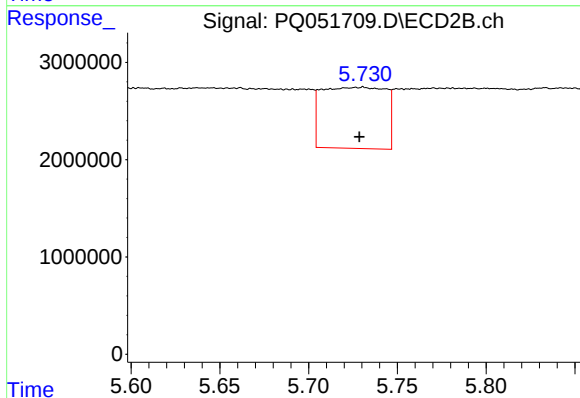
R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 15011897
Conc: 40.30 ng/ml



#5 AR-1016-3

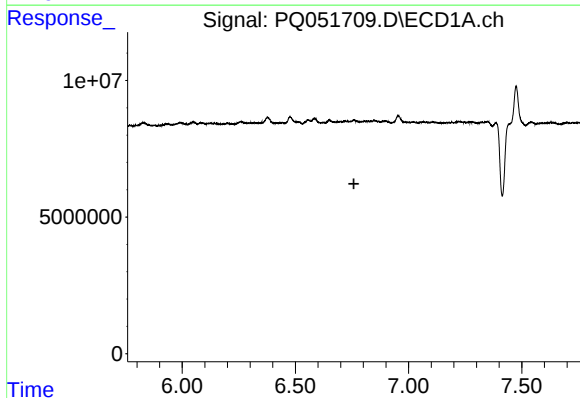
R.T.: 6.651 min
Delta R.T.: 0.002 min
Response: 924924
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



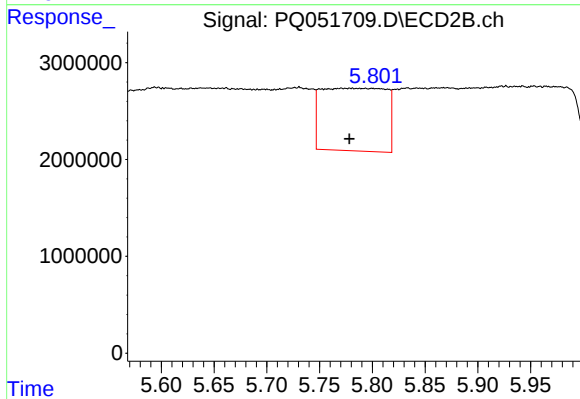
#5 AR-1016-3

R.T.: 5.731 min
Delta R.T.: 0.002 min
Response: 15720431
Conc: 82.00 ng/ml



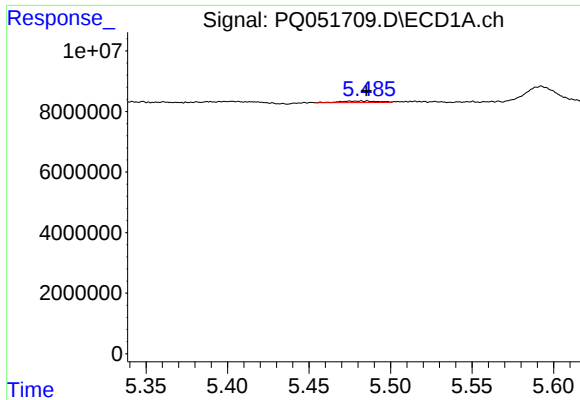
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.758 min
Response: 0
Conc: N.D.



#6 AR-1016-4

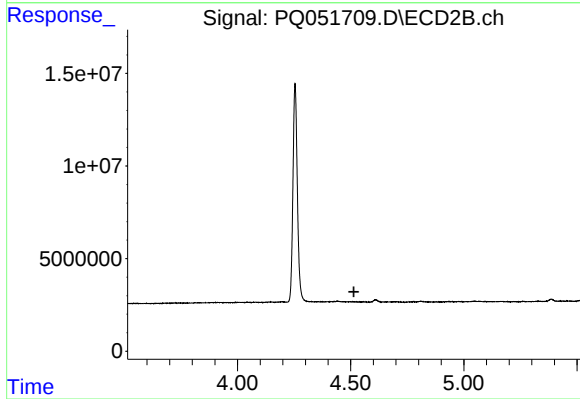
R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 27526266
Conc: 182.38 ng/ml



#8 AR-1221-1

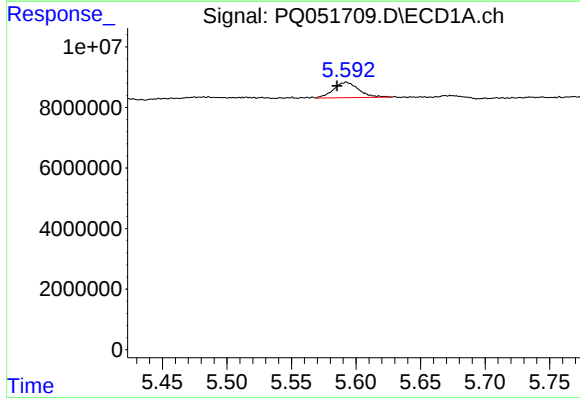
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 866472
Conc: 3.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



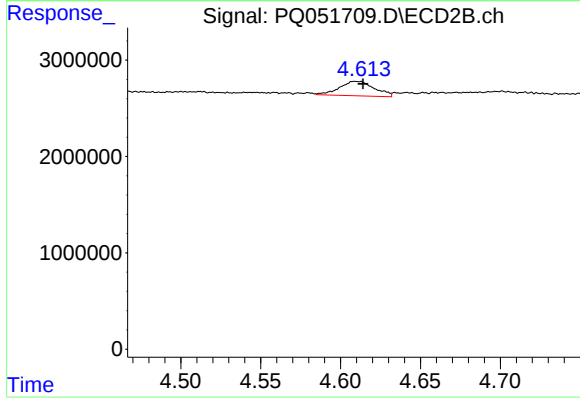
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.514 min
Response: 0
Conc: N.D.



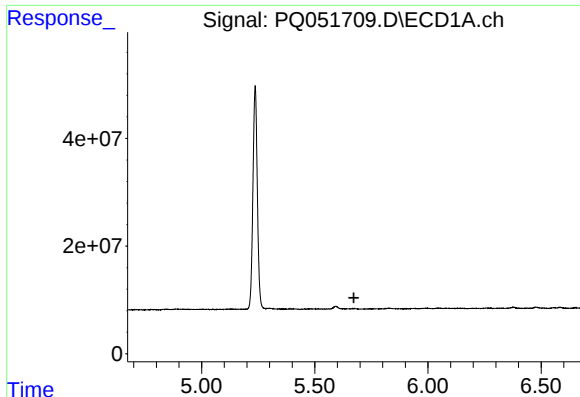
#9 AR-1221-2

R.T.: 5.593 min
Delta R.T.: 0.007 min
Response: 6849584
Conc: 34.41 ng/ml



#9 AR-1221-2

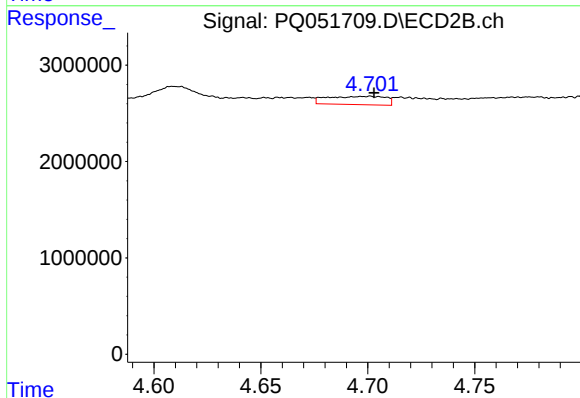
R.T.: 4.609 min
Delta R.T.: -0.005 min
Response: 2281098
Conc: 39.83 ng/ml



#10 AR-1221-3

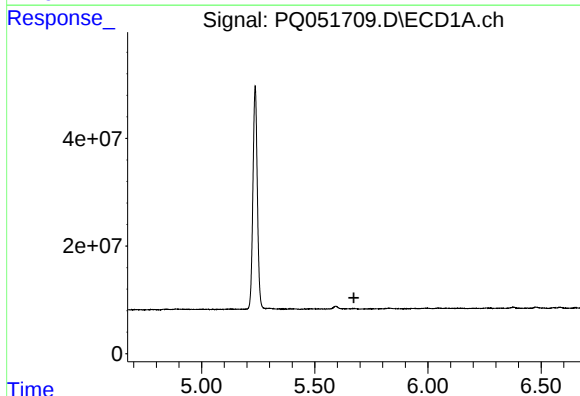
R.T.: 0.000 min
Exp R.T. : 5.673 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



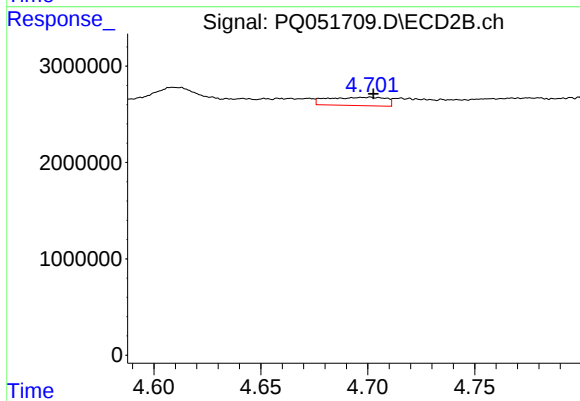
#10 AR-1221-3

R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 1640333
Conc: 8.86 ng/ml



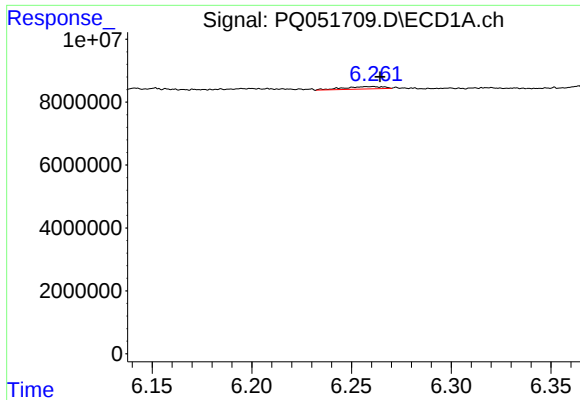
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.673 min
Response: 0
Conc: N.D.



#11 AR-1232-1

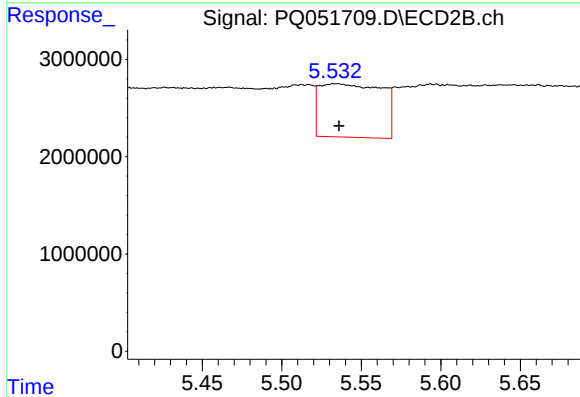
R.T.: 4.701 min
Delta R.T.: -0.001 min
Response: 1640333
Conc: 10.83 ng/ml



#12 AR-1232-2

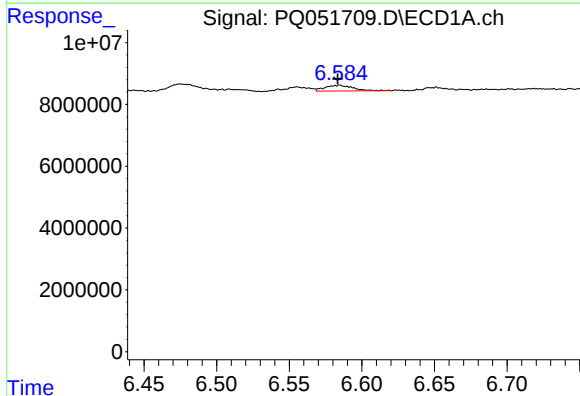
R.T.: 6.261 min
Delta R.T.: -0.003 min
Response: 1030163
Conc: 3.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



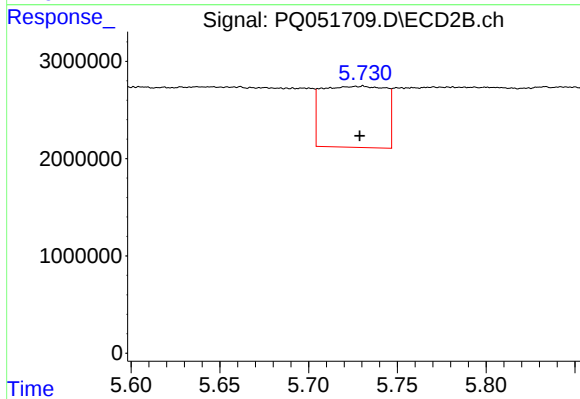
#12 AR-1232-2

R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 15011897
Conc: 97.34 ng/ml



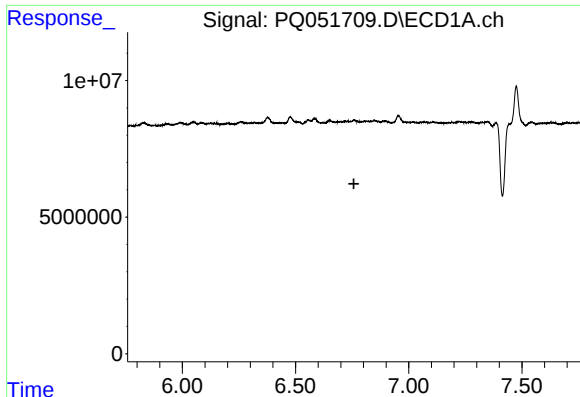
#13 AR-1232-3

R.T.: 6.585 min
Delta R.T.: 0.001 min
Response: 2537469
Conc: 4.56 ng/ml



#13 AR-1232-3

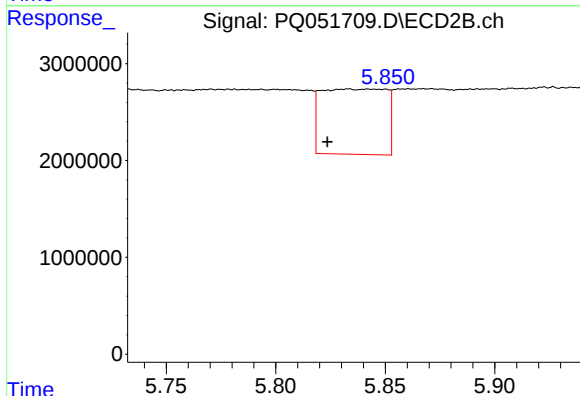
R.T.: 5.731 min
Delta R.T.: 0.002 min
Response: 15720431
Conc: 197.78 ng/ml



#14 AR-1232-4

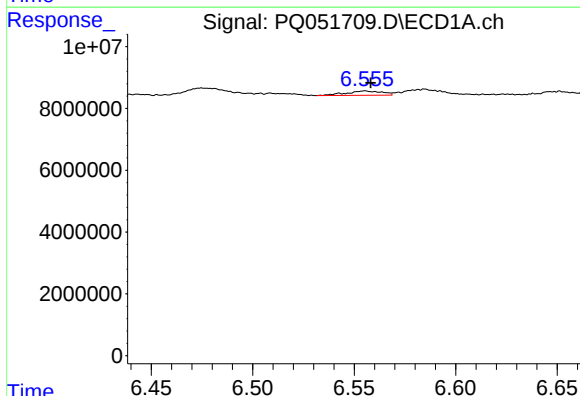
R.T.: 0.000 min
Exp R.T.: 6.758 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



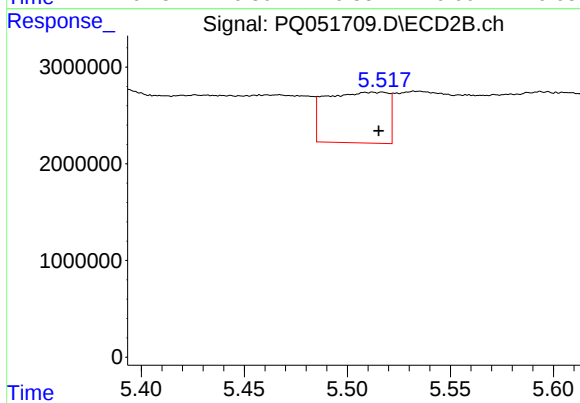
#14 AR-1232-4

R.T.: 5.833 min
Delta R.T.: 0.010 min
Response: 13820551
Conc: 205.57 ng/ml



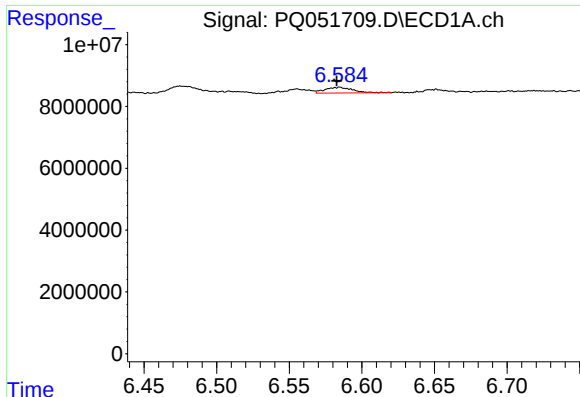
#16 AR-1242-1

R.T.: 6.555 min
Delta R.T.: -0.003 min
Response: 1709268
Conc: 2.53 ng/ml



#16 AR-1242-1

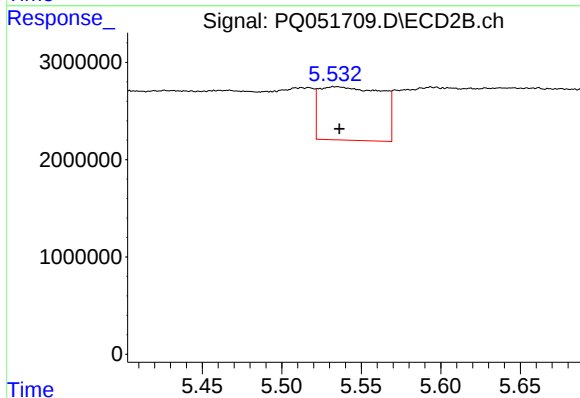
R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 11026453
Conc: 55.08 ng/ml



#17 AR-1242-2

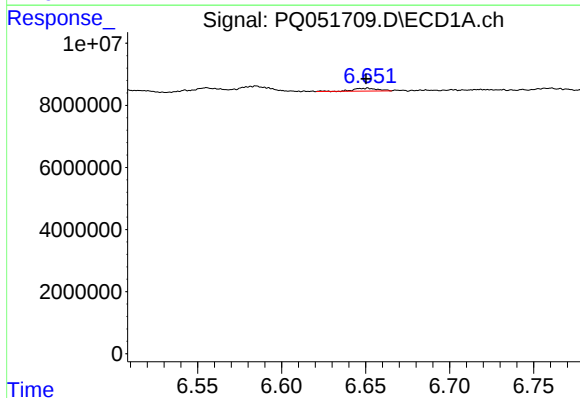
R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 2537469
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



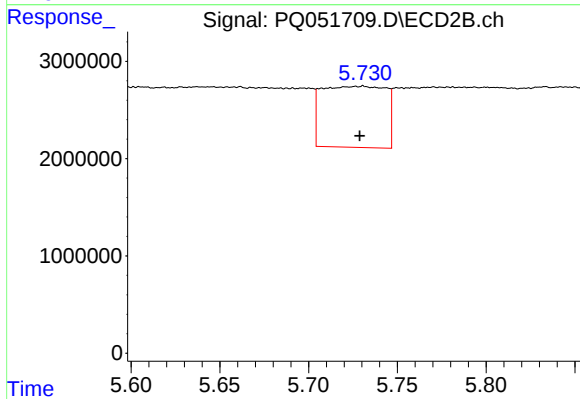
#17 AR-1242-2

R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 15011897
Conc: 53.90 ng/ml



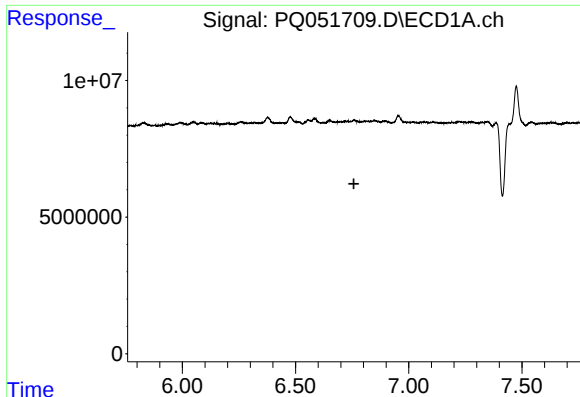
#18 AR-1242-3

R.T.: 6.651 min
Delta R.T.: 0.001 min
Response: 924924
Conc: 1.56 ng/ml



#18 AR-1242-3

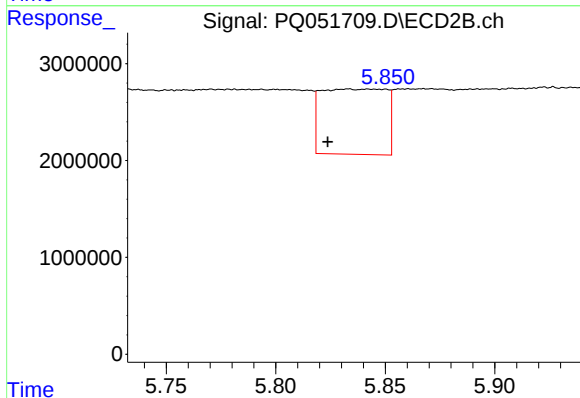
R.T.: 5.731 min
Delta R.T.: 0.002 min
Response: 15720431
Conc: 108.85 ng/ml



#19 AR-1242-4

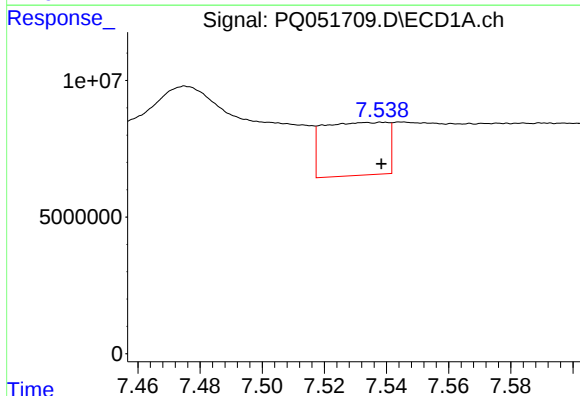
R.T.: 0.000 min
Exp R.T.: 6.758 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



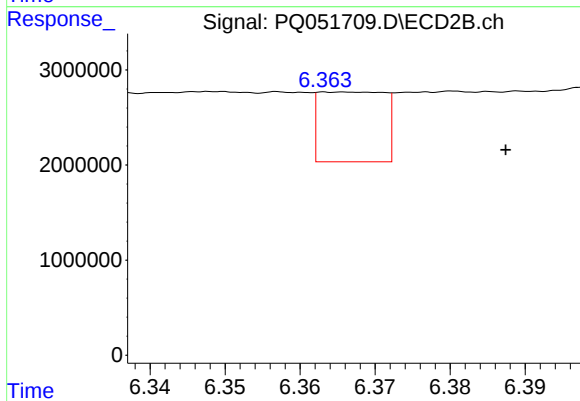
#19 AR-1242-4

R.T.: 5.833 min
Delta R.T.: 0.009 min
Response: 13820551
Conc: 100.76 ng/ml



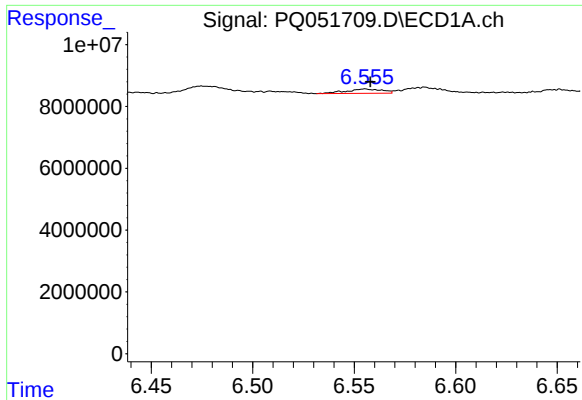
#20 AR-1242-5

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 27843913
Conc: 53.49 ng/ml



#20 AR-1242-5

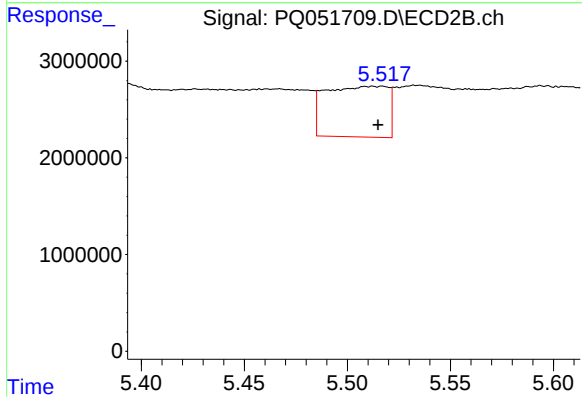
R.T.: 6.365 min
Delta R.T.: -0.022 min
Response: 4446235
Conc: 25.44 ng/ml



#21 AR-1248-1

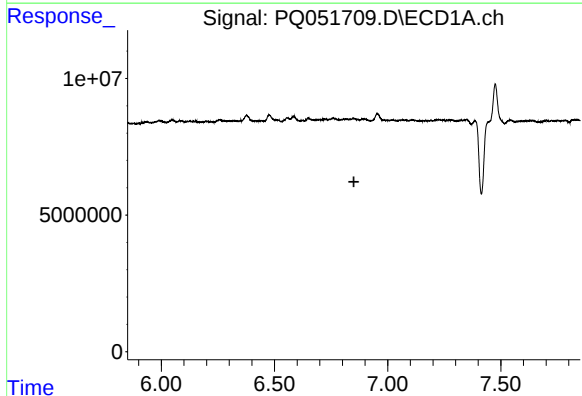
R.T.: 6.555 min
Delta R.T.: -0.003 min
Response: 1709268
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



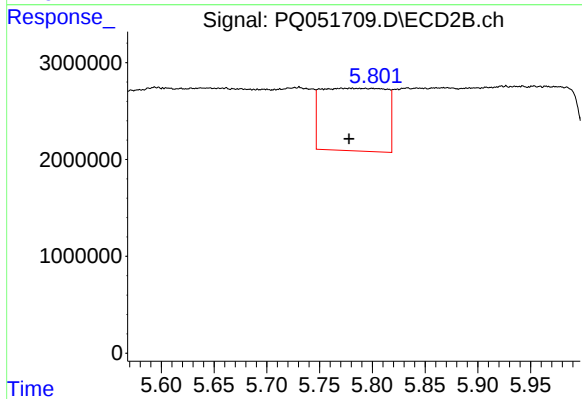
#21 AR-1248-1

R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 11026453
Conc: 75.59 ng/ml



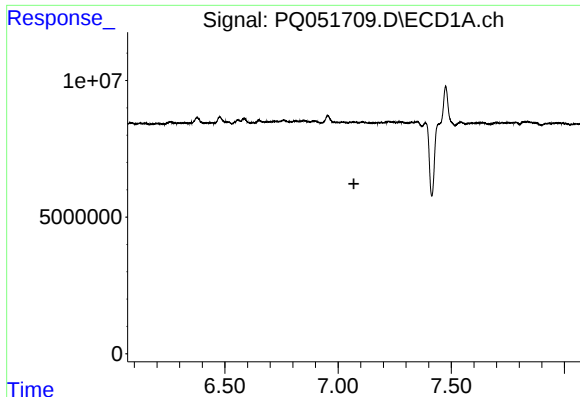
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.851 min
Response: 0
Conc: N.D.



#22 AR-1248-2

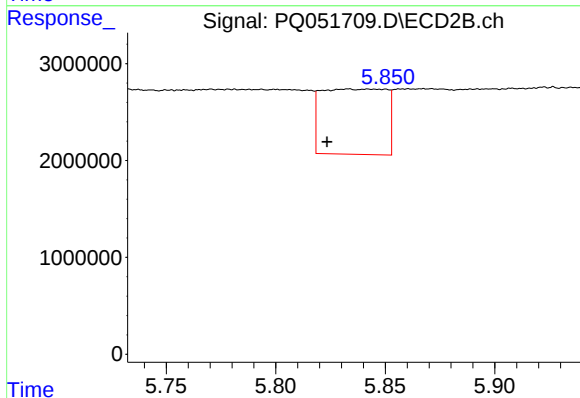
R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 27526266
Conc: 139.02 ng/ml



#23 AR-1248-3

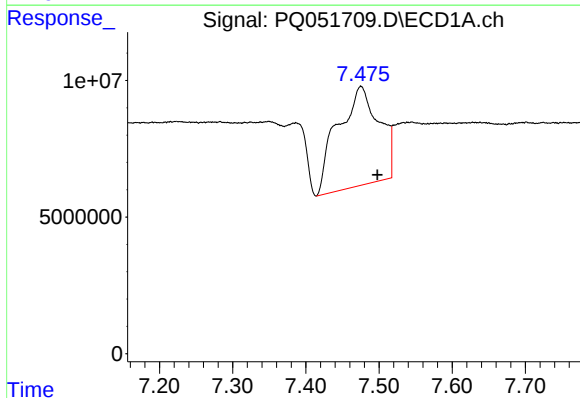
R.T.: 0.000 min
Exp R.T.: 7.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



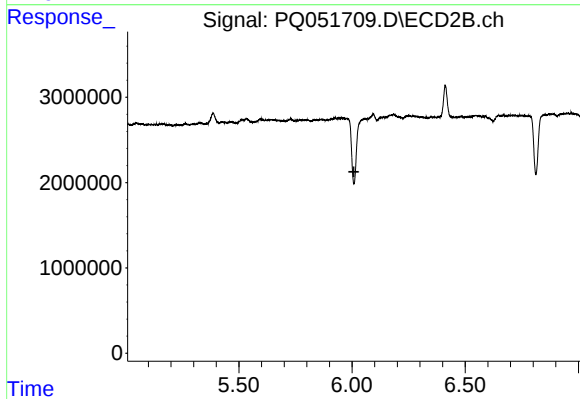
#23 AR-1248-3

R.T.: 5.833 min
Delta R.T.: 0.010 min
Response: 13820551
Conc: 67.64 ng/ml



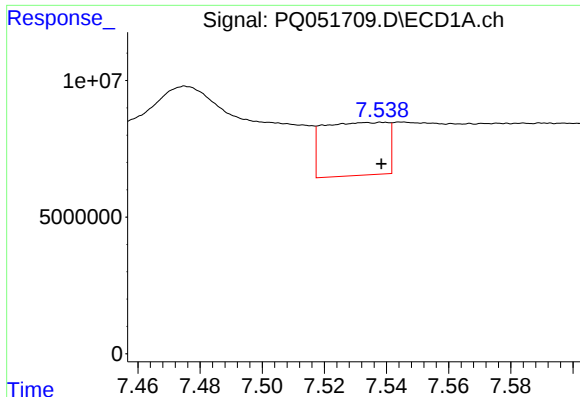
#24 AR-1248-4

R.T.: 7.475 min
Delta R.T.: -0.023 min
Response: 141519296
Conc: 155.44 ng/ml



#24 AR-1248-4

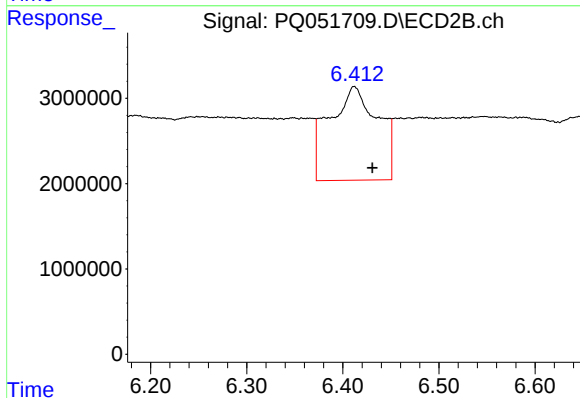
R.T.: 0.000 min
Exp R.T.: 6.008 min
Response: 0
Conc: N.D.



#25 AR-1248-5

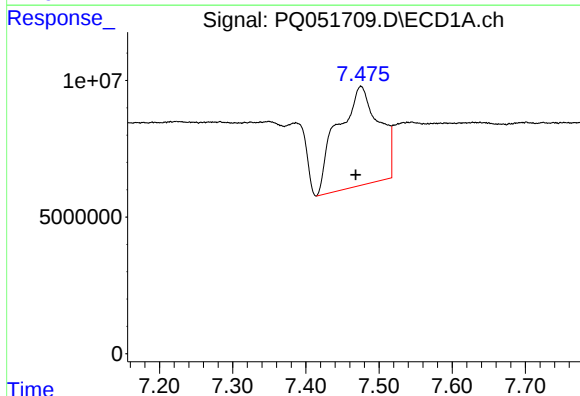
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 27843913
Conc: 30.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



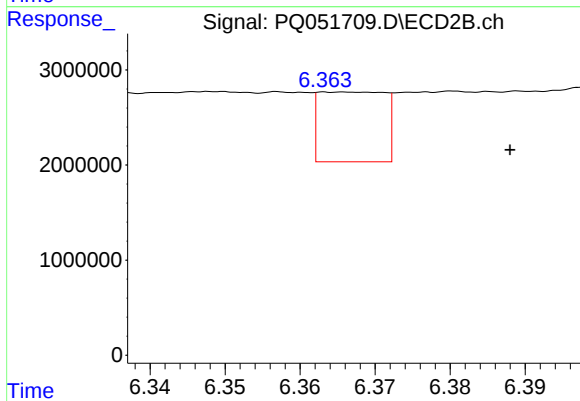
#25 AR-1248-5

R.T.: 6.412 min
Delta R.T.: -0.019 min
Response: 38473747
Conc: 159.31 ng/ml



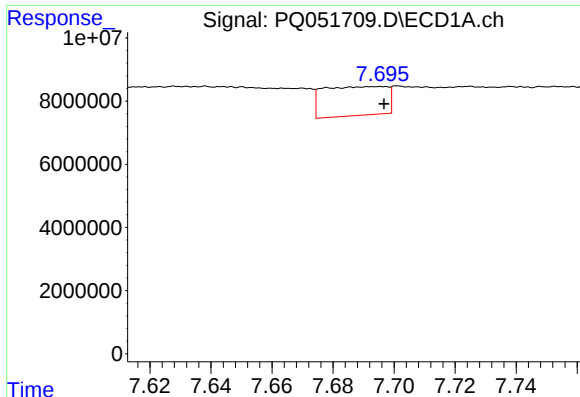
#26 AR-1254-1

R.T.: 7.475 min
Delta R.T.: 0.007 min
Response: 141519296
Conc: 156.31 ng/ml



#26 AR-1254-1

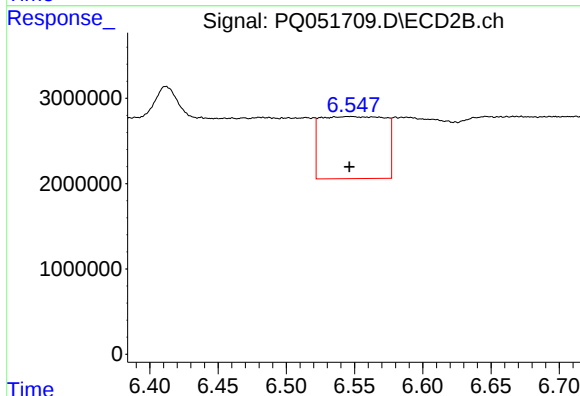
R.T.: 6.365 min
Delta R.T.: -0.023 min
Response: 4446235
Conc: 11.68 ng/ml



#27 AR-1254-2

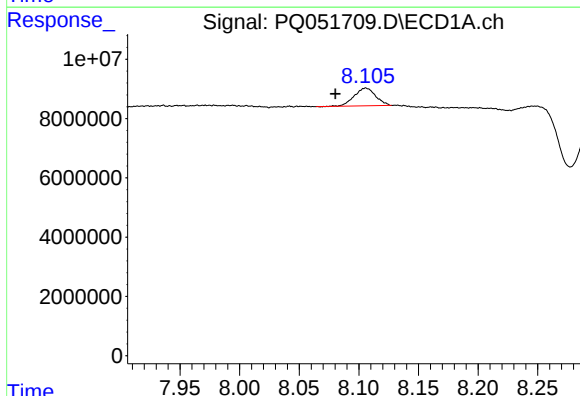
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 13347490
Conc: 9.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



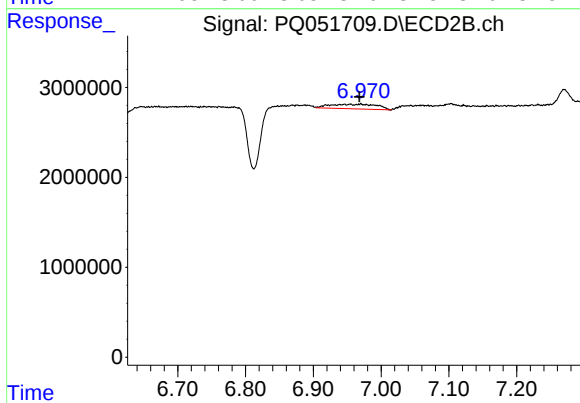
#27 AR-1254-2

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 23866248
Conc: 73.88 ng/ml



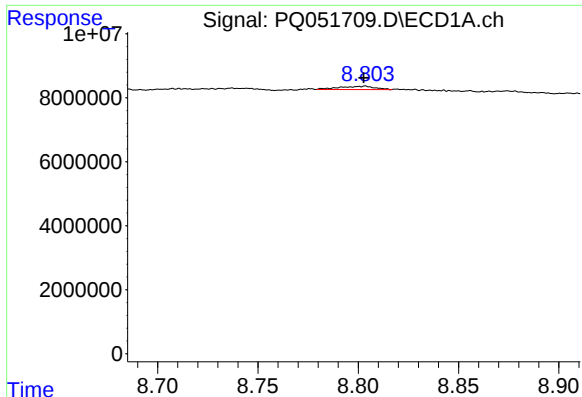
#28 AR-1254-3

R.T.: 8.106 min
Delta R.T.: 0.026 min
Response: 7496334
Conc: 5.16 ng/ml



#28 AR-1254-3

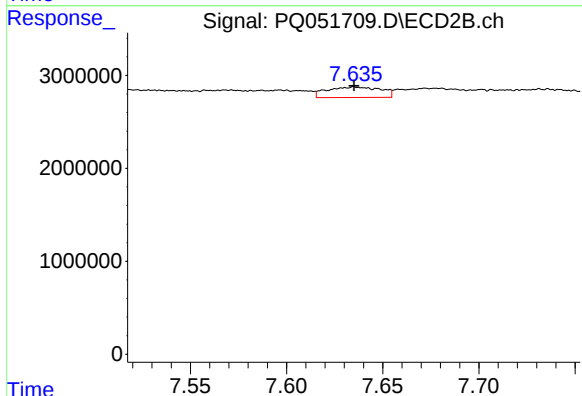
R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 2496093
Conc: 4.68 ng/ml



#30 AR-1254-5

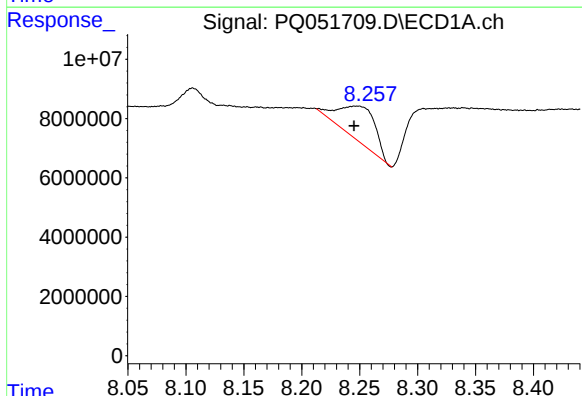
R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 1317818
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



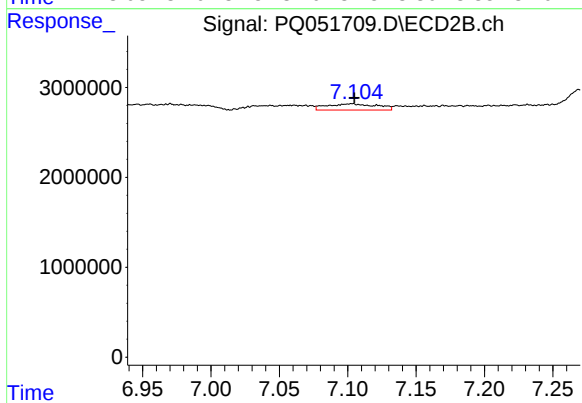
#30 AR-1254-5

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 2197246
Conc: 4.89 ng/ml



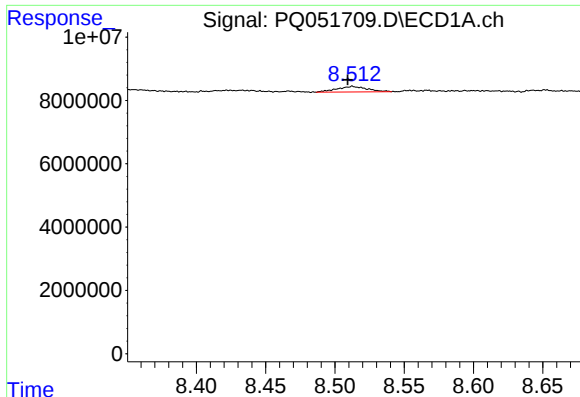
#31 AR-1260-1

R.T.: 8.250 min
Delta R.T.: 0.005 min
Response: 25847534
Conc: 24.98 ng/ml



#31 AR-1260-1

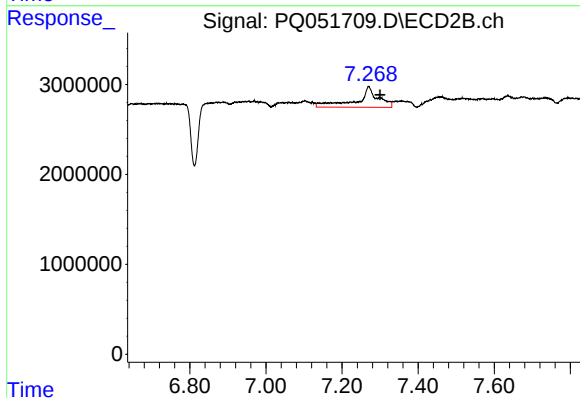
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 1747224
Conc: 5.03 ng/ml



#32 AR-1260-2

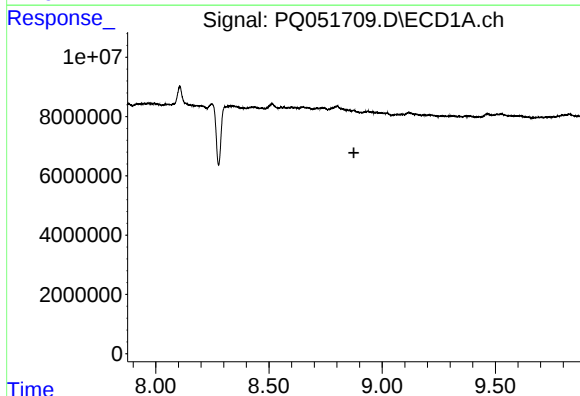
R.T.: 8.513 min
Delta R.T.: 0.003 min
Response: 2707940
Conc: 2.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



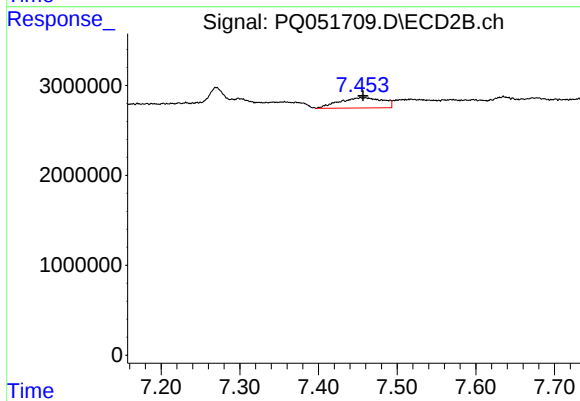
#32 AR-1260-2

R.T.: 7.270 min
Delta R.T.: -0.030 min
Response: 8991965
Conc: 21.11 ng/ml



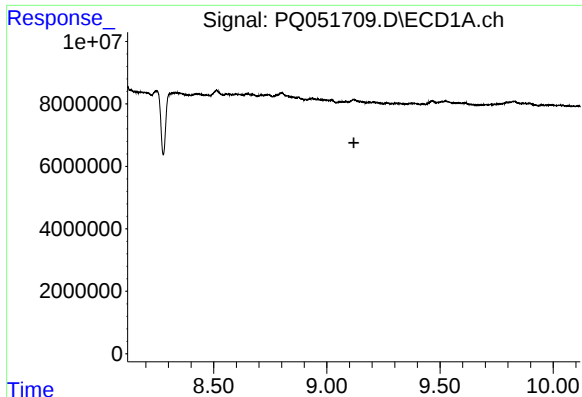
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.875 min
Response: 0
Conc: N.D.



#33 AR-1260-3

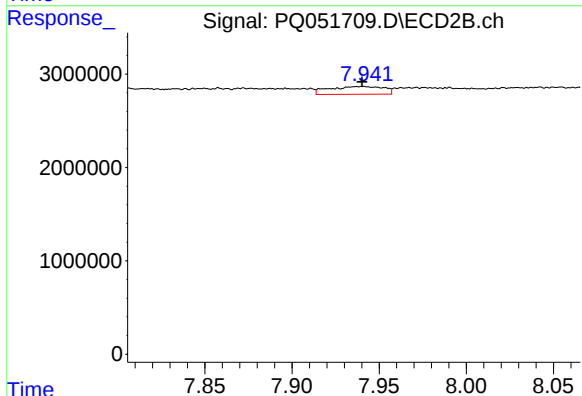
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 4425225
Conc: 11.12 ng/ml



#34 AR-1260-4

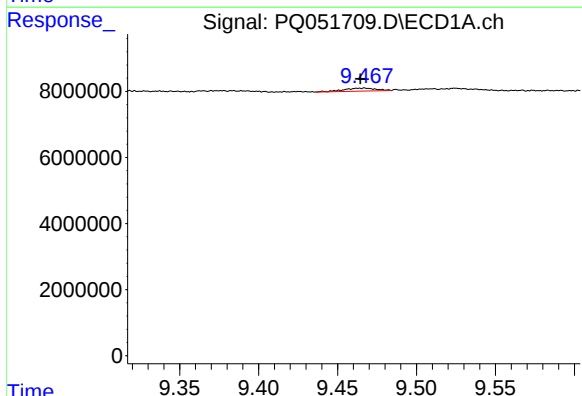
R.T.: 0.000 min
Exp R.T.: 9.120 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



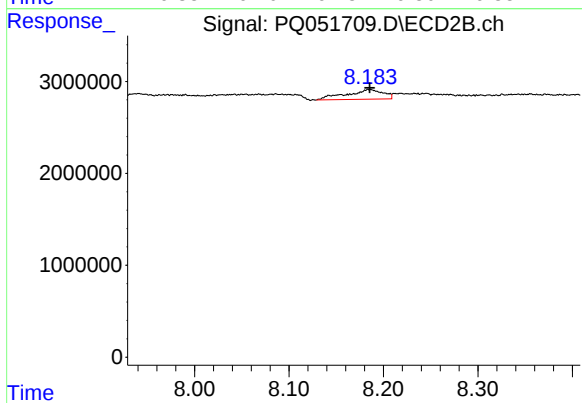
#34 AR-1260-4

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 1827230
Conc: 5.61 ng/ml



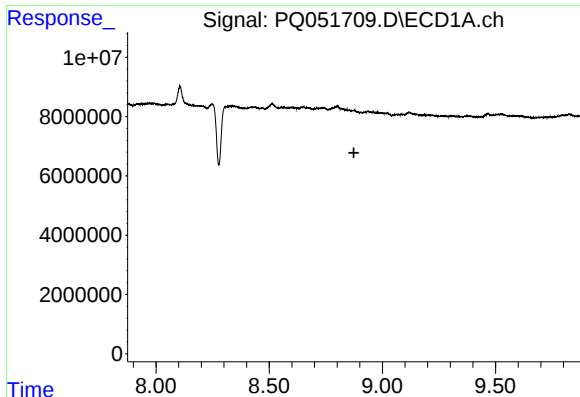
#35 AR-1260-5

R.T.: 9.467 min
Delta R.T.: 0.003 min
Response: 1258871
Conc: 0.63 ng/ml



#35 AR-1260-5

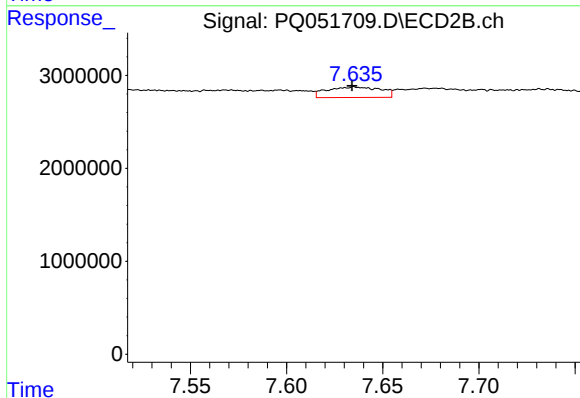
R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 2871527
Conc: 3.67 ng/ml



#36 AR-1262-1

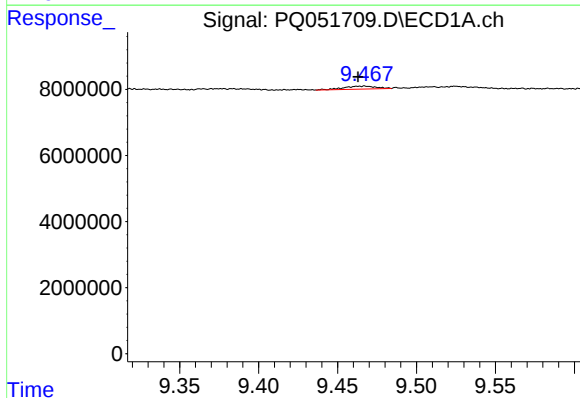
R.T.: 0.000 min
Exp R.T.: 8.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



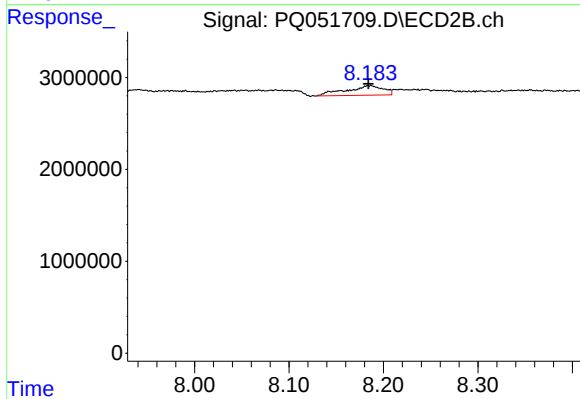
#36 AR-1262-1

R.T.: 7.635 min
Delta R.T.: 0.001 min
Response: 2197246
Conc: 9.49 ng/ml



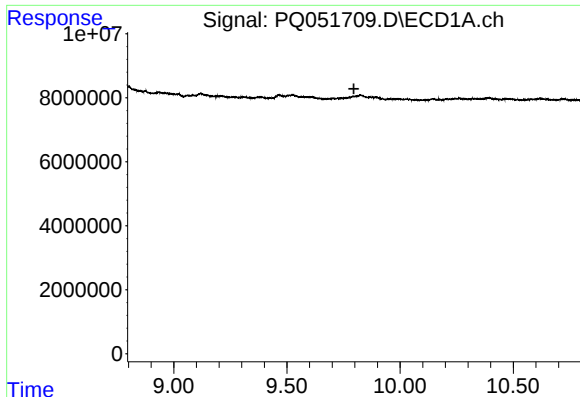
#37 AR-1262-2

R.T.: 9.467 min
Delta R.T.: 0.004 min
Response: 1258871
Conc: 0.58 ng/ml



#37 AR-1262-2

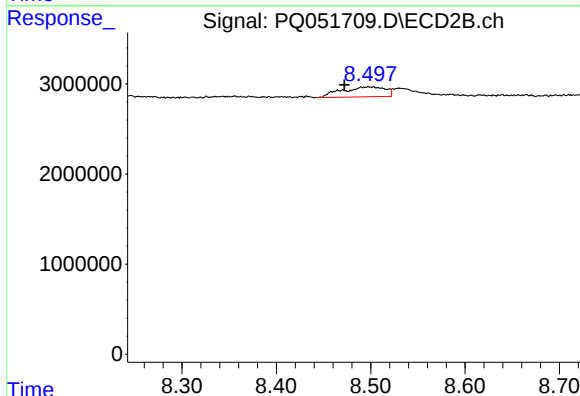
R.T.: 8.185 min
Delta R.T.: 0.001 min
Response: 2871527
Conc: 3.49 ng/ml



#38 AR-1262-3

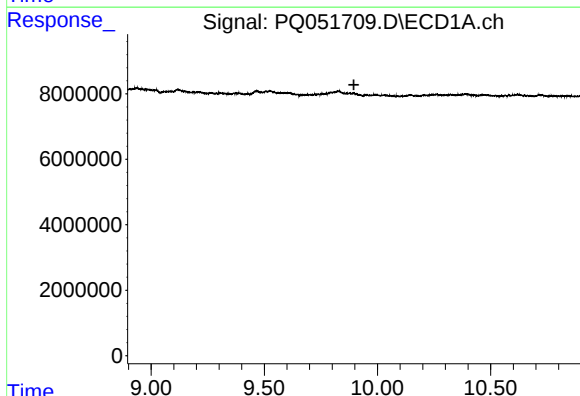
R.T.: 0.000 min
Exp R.T. : 9.796 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



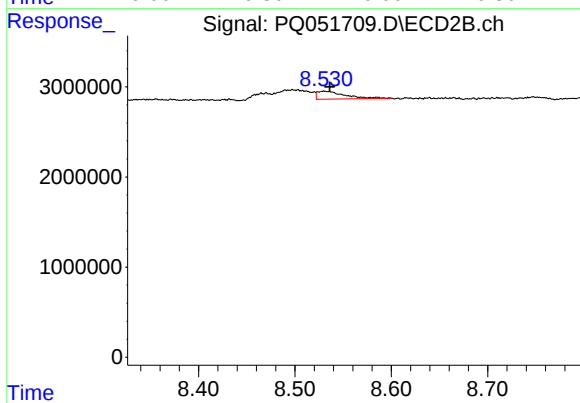
#38 AR-1262-3

R.T.: 8.499 min
Delta R.T.: 0.026 min
Response: 3546086
Conc: 11.87 ng/ml



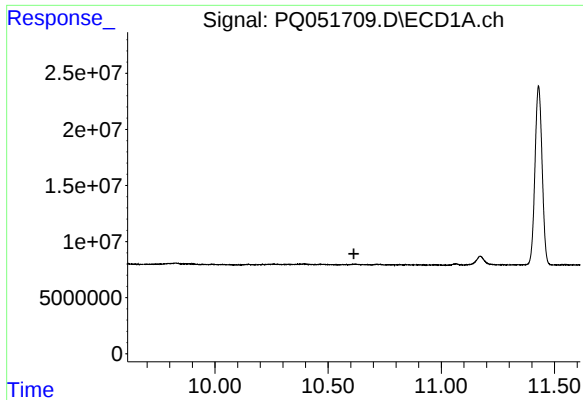
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.896 min
Response: 0
Conc: N.D.



#39 AR-1262-4

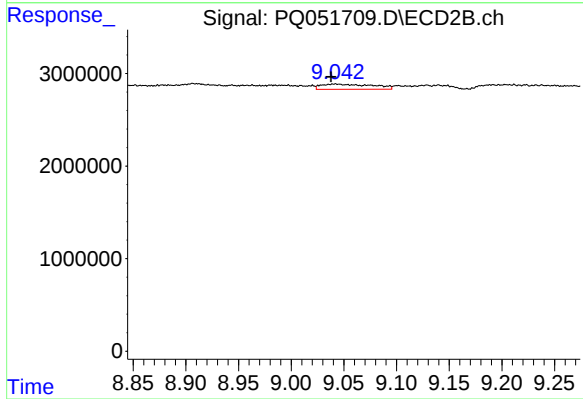
R.T.: 8.531 min
Delta R.T.: -0.005 min
Response: 1782451
Conc: 3.11 ng/ml



#40 AR-1262-5

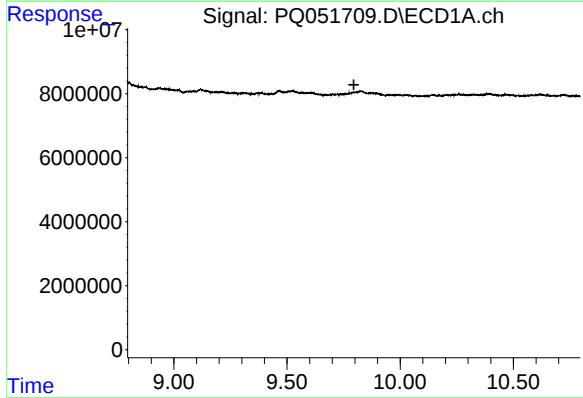
R.T.: 0.000 min
Exp R.T.: 10.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



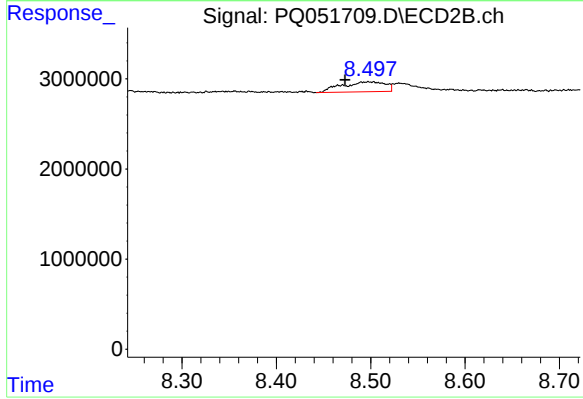
#40 AR-1262-5

R.T.: 9.042 min
Delta R.T.: 0.004 min
Response: 1950249
Conc: 7.85 ng/ml



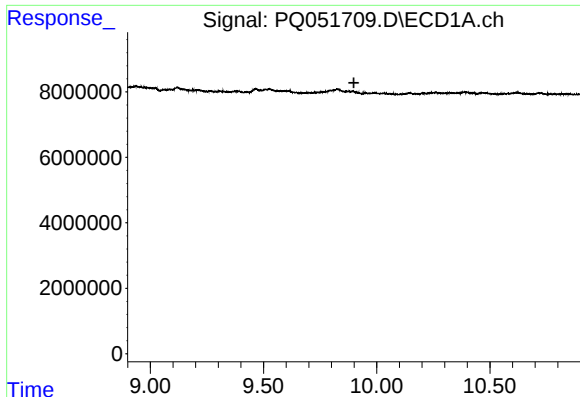
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.795 min
Response: 0
Conc: N.D.



#41 AR-1268-1

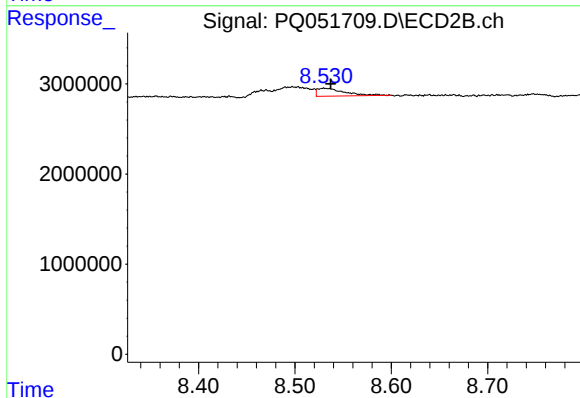
R.T.: 8.499 min
Delta R.T.: 0.026 min
Response: 3546086
Conc: 3.89 ng/ml



#42 AR-1268-2

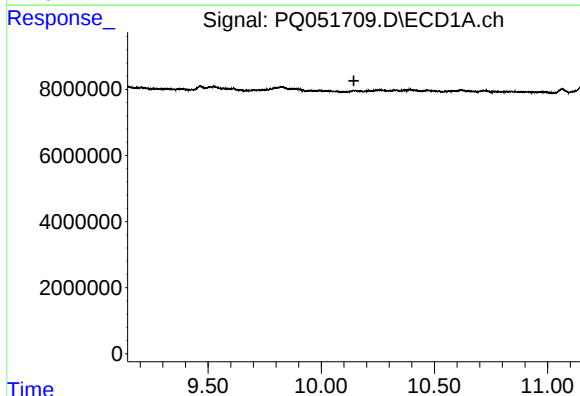
R.T.: 0.000 min
Exp R.T. : 9.899 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



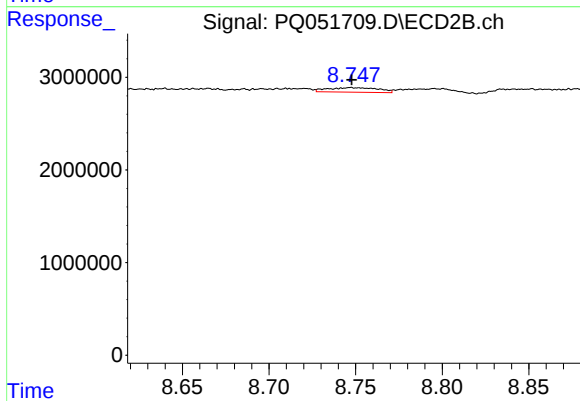
#42 AR-1268-2

R.T.: 8.531 min
Delta R.T.: -0.006 min
Response: 1782451
Conc: 2.15 ng/ml



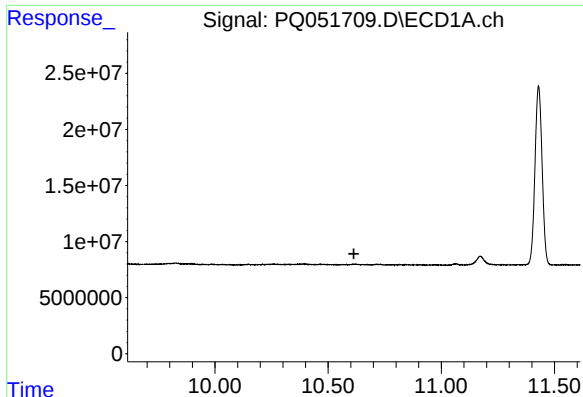
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.144 min
Response: 0
Conc: N.D.



#43 AR-1268-3

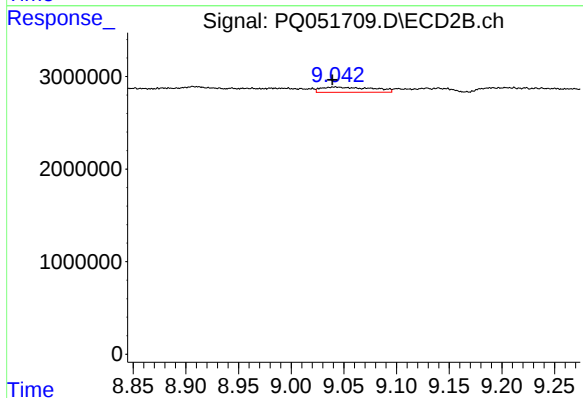
R.T.: 8.748 min
Delta R.T.: 0.000 min
Response: 993618
Conc: 1.43 ng/ml



#44 AR-1268-4

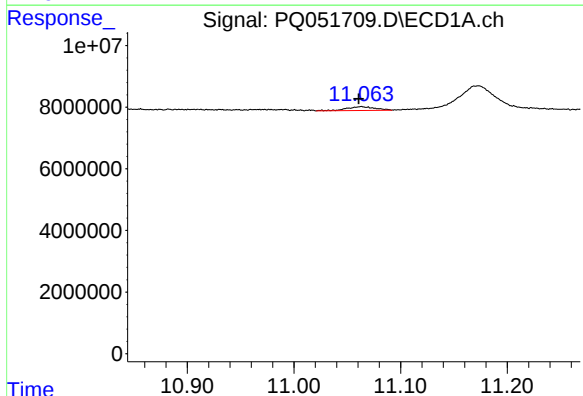
R.T.: 0.000 min
Exp R.T.: 10.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



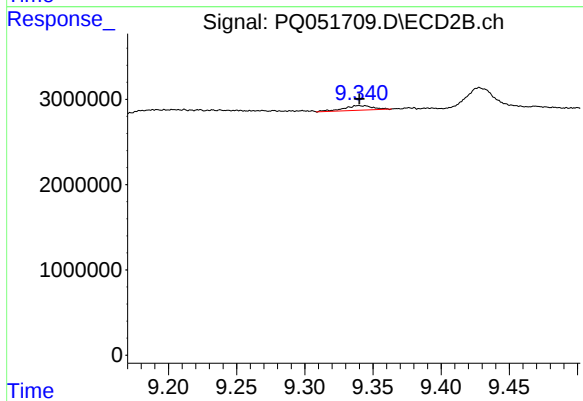
#44 AR-1268-4

R.T.: 9.042 min
Delta R.T.: 0.003 min
Response: 1950249
Conc: 7.06 ng/ml



#45 AR-1268-5

R.T.: 11.063 min
Delta R.T.: 0.003 min
Response: 2238651
Conc: 0.36 ng/ml



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: 0.000 min
Response: 808709
Conc: 0.39 ng/ml