

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041425\
 Data File : P0110431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2025 22:08
 Operator : YP/AJ
 Sample : Q1791-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 280722

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 23:57:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 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...	3.690	3.687	121.2E6	66823808	13.857	13.392
2)	SA Decachlor...	8.737	8.688	51836239	15434384	6.566	8.018
Target Compounds							
3)	L1 AR-1016-1	4.790	4.774	4112460	2092256	12.533	11.921
4)	L1 AR-1016-2	4.790	4.774	4112460	2092256	9.039	8.320
5)	L1 AR-1016-3	4.839	4.956	581789	59833	1.804	0.441 #
6)	L1 AR-1016-4	4.974	5.009	1147103	3237151	4.604	28.305 #
7)	L1 AR-1016-5	5.237	5.217	3524870	1951838	13.103	13.093
8)	L2 AR-1221-1	3.874	3.935f	2211220	171985	18.734	2.576 #
9)	L2 AR-1221-2	3.992	3.985	4843760	1660341	54.829	33.143 #
10)	L2 AR-1221-3	4.066	4.054	2933176	312202	11.147	2.093 #
11)	L3 AR-1232-1	4.066	4.054	2933176	312202	14.321	2.714 #
12)	L3 AR-1232-2	4.557	4.774	524891	2092256	4.919	18.872 #
13)	L3 AR-1232-3	4.790	4.956	4112460	59833	20.585	1.046 #
14)	L3 AR-1232-4	4.974	5.043	1147103	799677	11.213	14.822 #
15)	L3 AR-1232-5	5.026	5.217	6000442	1951838	87.086	34.161 #
16)	L4 AR-1242-1	4.790	4.774	4112460	2092256	14.818	13.995
17)	L4 AR-1242-2	4.790	4.774	4112460	2092256	10.660	9.806
18)	L4 AR-1242-3	4.839	4.965	581789	151381	2.091	1.310 #
19)	L4 AR-1242-4	4.974	5.043	1147103	799677	5.427	6.658
20)	L4 AR-1242-5	5.626	5.569	8376866	3109622	37.001	21.431 #
21)	L5 AR-1248-1	4.790	4.774	4112460	2092256	19.322	18.173
22)	L5 AR-1248-2	5.026	5.009	6000442	3237151	20.277	19.874
23)	L5 AR-1248-3	5.237	5.043	3524870	799677	9.528	4.547 #
24)	L5 AR-1248-4	5.590	5.217	5674556	1951838	10.912	9.583
25)	L5 AR-1248-5	5.626	5.607	8376866	7189899	22.675	36.424 #
26)	L6 AR-1254-1	5.590	5.569	5674556	3109622	10.170	10.314
27)	L6 AR-1254-2	5.683f	5.703	4136123	6054253	8.516	22.873 #
28)	L6 AR-1254-3	6.141	6.116	7432305	3595345	9.489	8.912
29)	L6 AR-1254-4	6.370	6.343	2731408	1193284	5.602	5.195
30)	L6 AR-1254-5	6.731f	6.754	1378875	289714	1.967	0.872 #
31)	L7 AR-1260-1	6.271	6.251	2278533	2555476	4.823	10.390 #
32)	L7 AR-1260-2	6.438	6.411	4956482	1961697	8.452	6.724
33)	L7 AR-1260-3	6.861	6.596	3968092	165162	8.051	0.610 #
34)	L7 AR-1260-4	0.000	7.055	0	150368	N.D.	0.749 #
35)	L7 AR-1260-5	7.308	7.301	47928	500059	0.046	1.090 #
36)	L8 AR-1262-1	6.861	6.788	3968092	141190	5.657	0.429 #
37)	L8 AR-1262-2	7.308	7.301	47928	500059	0.040	0.983 #
38)	L8 AR-1262-3	7.614	7.556	134807	211984	0.265	1.095 #
39)	L8 AR-1262-4	7.682	7.614	54928	276388	0.061	0.796 #
40)	L8 AR-1262-5	0.000	8.119	0	108472	N.D.	0.871 #
41)	L9 AR-1268-1	7.614	7.556	134807	211984	0.096	0.387 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041425\
Data File : P0110431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 22:08
Operator : YP/AJ
Sample : Q1791-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

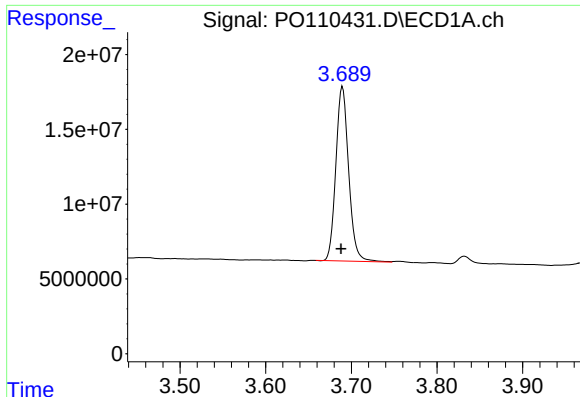
Instrument :
ECD_O
ClientSampleId :
280722

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 23:57:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
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
42) L9	AR-1268-2	7.682	7.614	54928	276388	0.043	0.556 #
43) L9	AR-1268-3	7.889	7.851	396164	22210	0.380	0.060 #
44) L9	AR-1268-4	0.000	8.119	0	108472	N.D.	0.769 #
45) L9	AR-1268-5	8.472	8.424	201333	169428	0.063	0.215 #

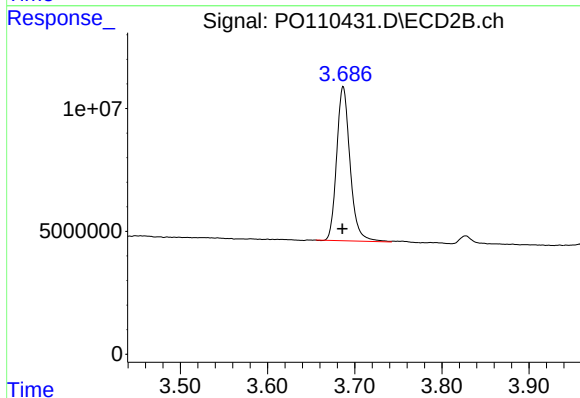
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

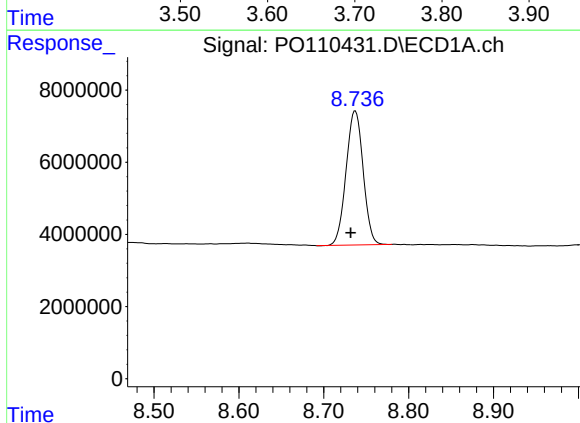
R.T.: 3.690 min
Delta R.T.: 0.002 min
Response: 121237179
Conc: 13.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



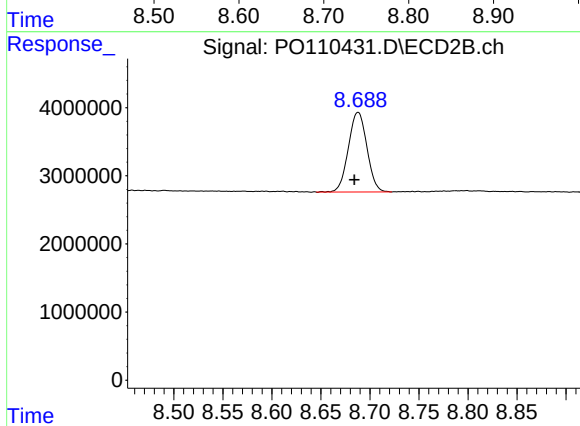
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: 0.001 min
Response: 66823808
Conc: 13.39 ng/ml



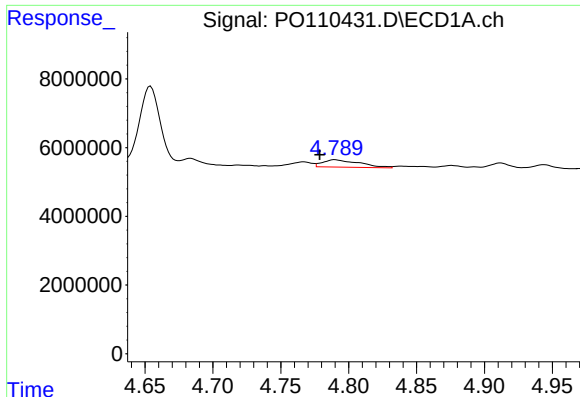
#2 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: 0.005 min
Response: 51836239
Conc: 6.57 ng/ml



#2 Decachlorobiphenyl

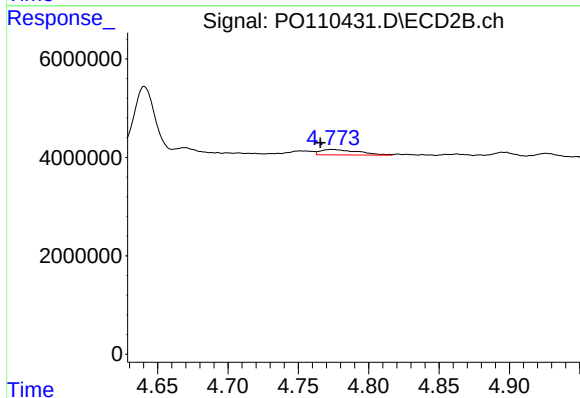
R.T.: 8.688 min
Delta R.T.: 0.004 min
Response: 15434384
Conc: 8.02 ng/ml



#3 AR-1016-1

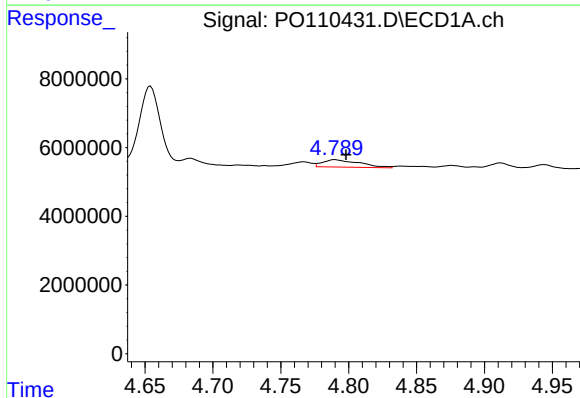
R.T.: 4.790 min
Delta R.T.: 0.011 min
Response: 4112460
Conc: 12.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



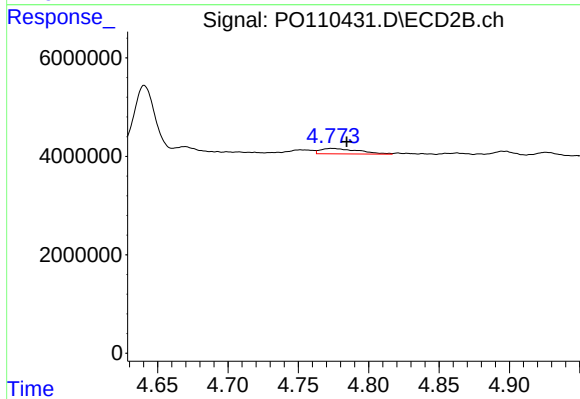
#3 AR-1016-1

R.T.: 4.774 min
Delta R.T.: 0.008 min
Response: 2092256
Conc: 11.92 ng/ml



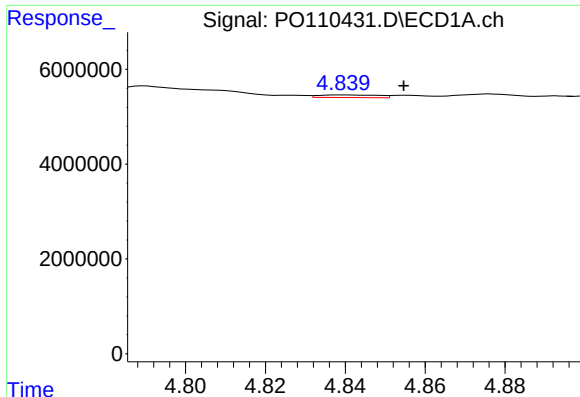
#4 AR-1016-2

R.T.: 4.790 min
Delta R.T.: -0.008 min
Response: 4112460
Conc: 9.04 ng/ml



#4 AR-1016-2

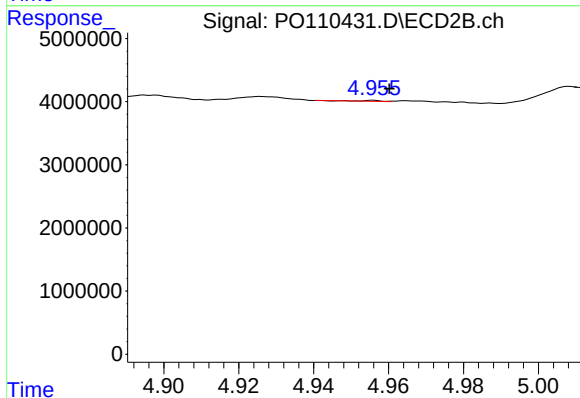
R.T.: 4.774 min
Delta R.T.: -0.010 min
Response: 2092256
Conc: 8.32 ng/ml



#5 AR-1016-3

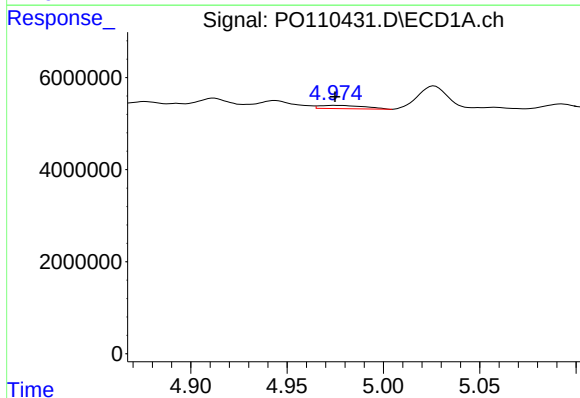
R.T.: 4.839 min
Delta R.T.: -0.015 min
Response: 581789
Conc: 1.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



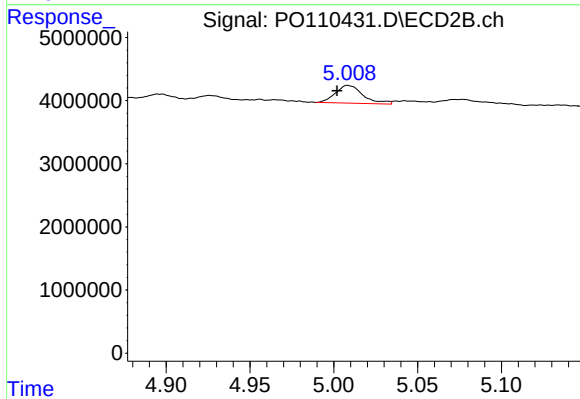
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 59833
Conc: 0.44 ng/ml



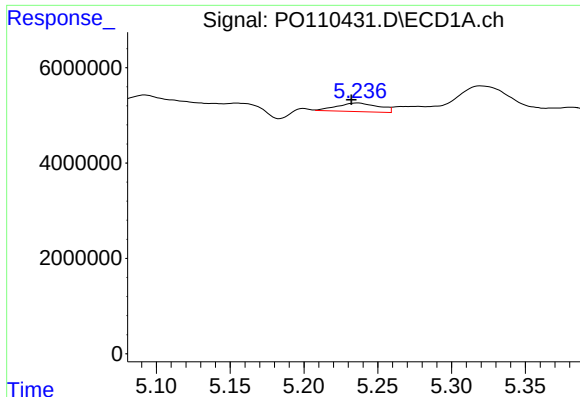
#6 AR-1016-4

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 1147103
Conc: 4.60 ng/ml



#6 AR-1016-4

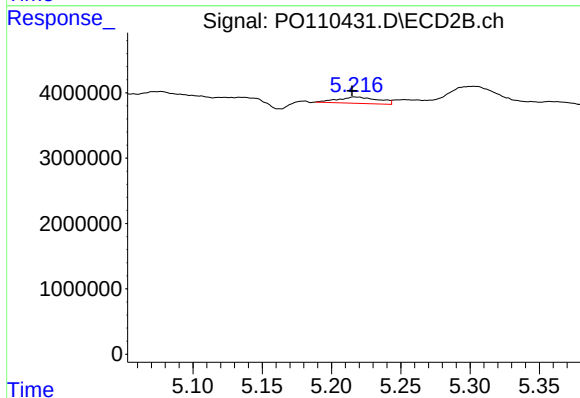
R.T.: 5.009 min
Delta R.T.: 0.007 min
Response: 3237151
Conc: 28.30 ng/ml



#7 AR-1016-5

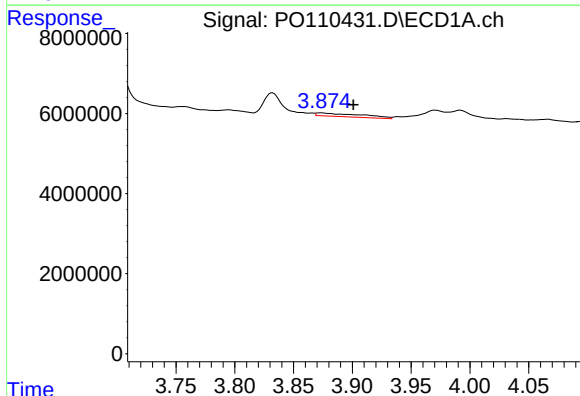
R.T.: 5.237 min
Delta R.T.: 0.005 min
Response: 3524870
Conc: 13.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



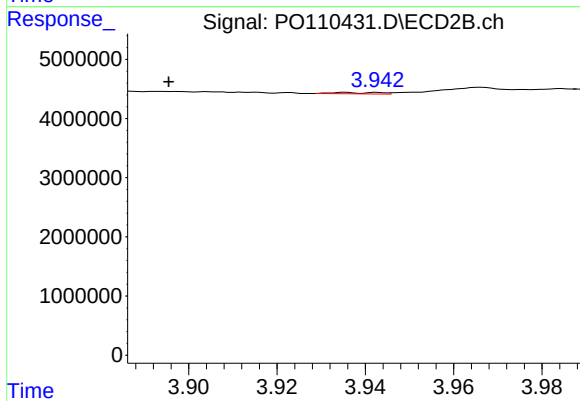
#7 AR-1016-5

R.T.: 5.217 min
Delta R.T.: 0.002 min
Response: 1951838
Conc: 13.09 ng/ml



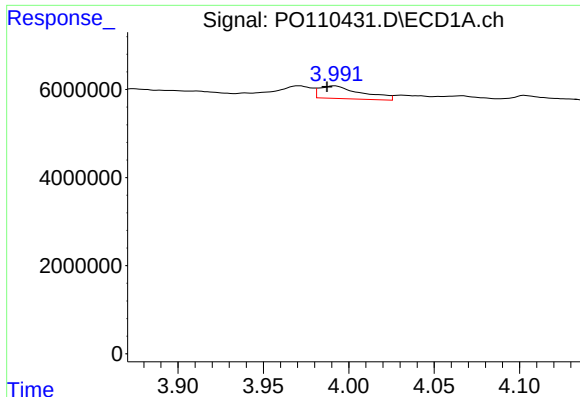
#8 AR-1221-1

R.T.: 3.874 min
Delta R.T.: -0.027 min
Response: 2211220
Conc: 18.73 ng/ml



#8 AR-1221-1

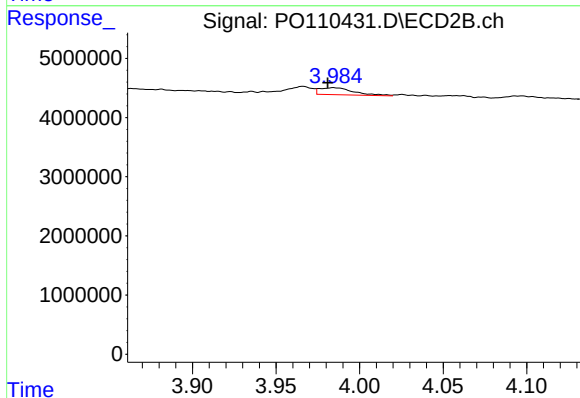
R.T.: 3.935 min
Delta R.T.: 0.040 min
Response: 171985
Conc: 2.58 ng/ml



#9 AR-1221-2

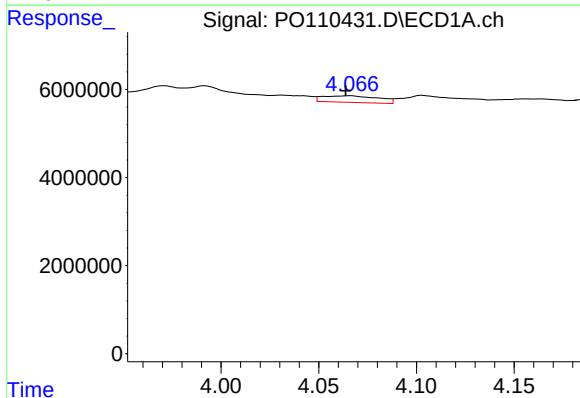
R.T.: 3.992 min
Delta R.T.: 0.005 min
Response: 4843760
Conc: 54.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



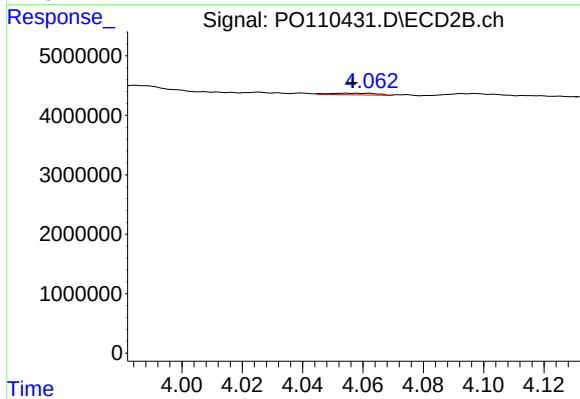
#9 AR-1221-2

R.T.: 3.985 min
Delta R.T.: 0.004 min
Response: 1660341
Conc: 33.14 ng/ml



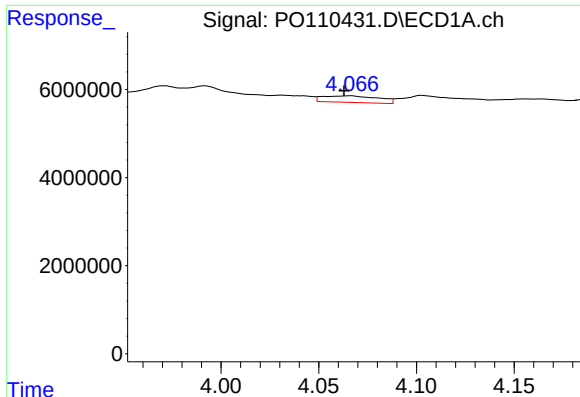
#10 AR-1221-3

R.T.: 4.066 min
Delta R.T.: 0.003 min
Response: 2933176
Conc: 11.15 ng/ml



#10 AR-1221-3

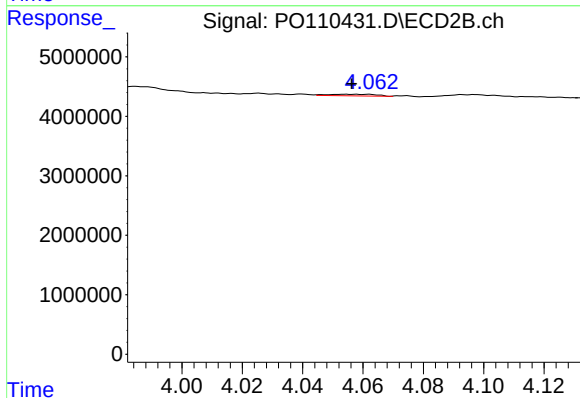
R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 312202
Conc: 2.09 ng/ml



#11 AR-1232-1

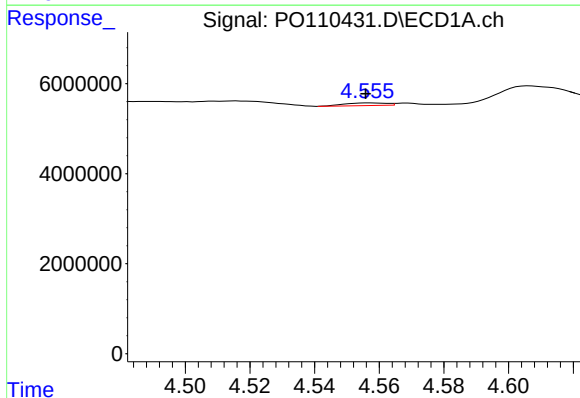
R.T.: 4.066 min
Delta R.T.: 0.003 min
Response: 2933176
Conc: 14.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



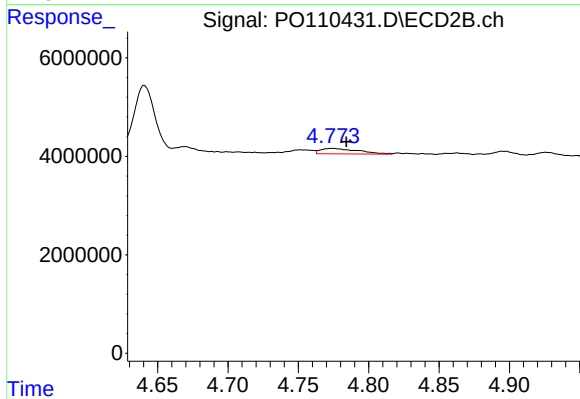
#11 AR-1232-1

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 312202
Conc: 2.71 ng/ml



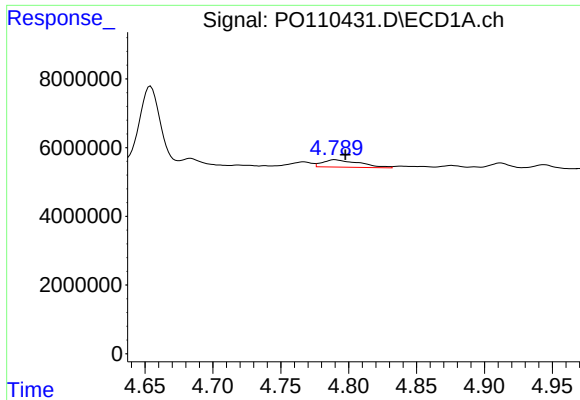
#12 AR-1232-2

R.T.: 4.557 min
Delta R.T.: 0.001 min
Response: 524891
Conc: 4.92 ng/ml



#12 AR-1232-2

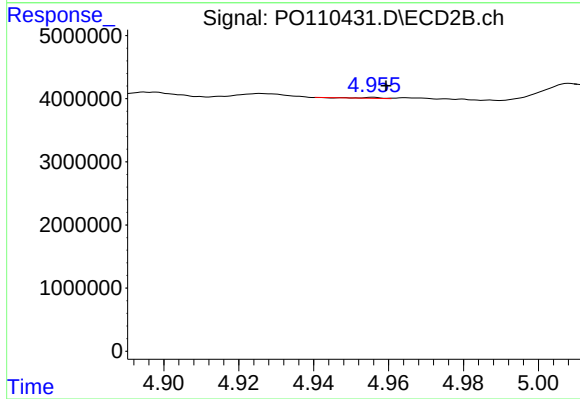
R.T.: 4.774 min
Delta R.T.: -0.010 min
Response: 2092256
Conc: 18.87 ng/ml



#13 AR-1232-3

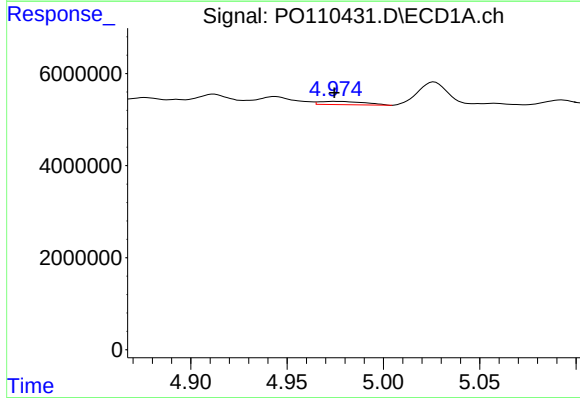
R.T.: 4.790 min
Delta R.T.: -0.008 min
Response: 4112460
Conc: 20.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



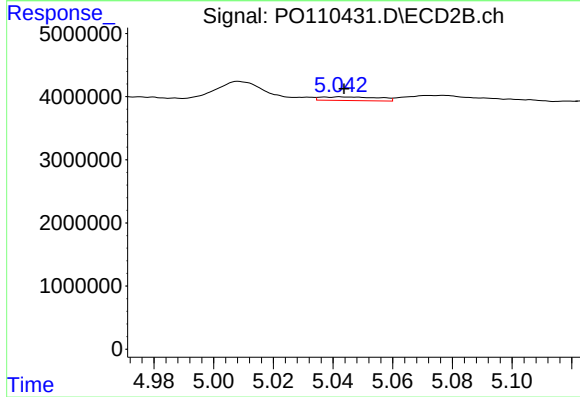
#13 AR-1232-3

R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 59833
Conc: 1.05 ng/ml



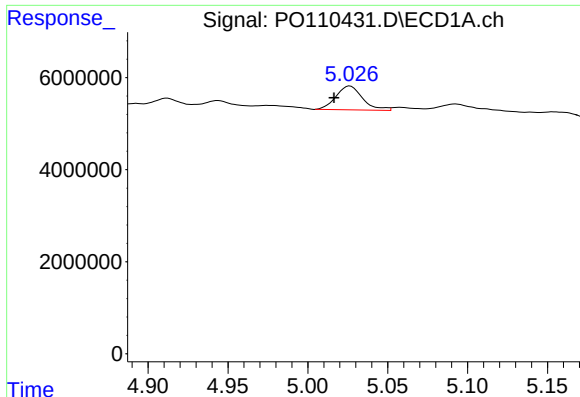
#14 AR-1232-4

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 1147103
Conc: 11.21 ng/ml



#14 AR-1232-4

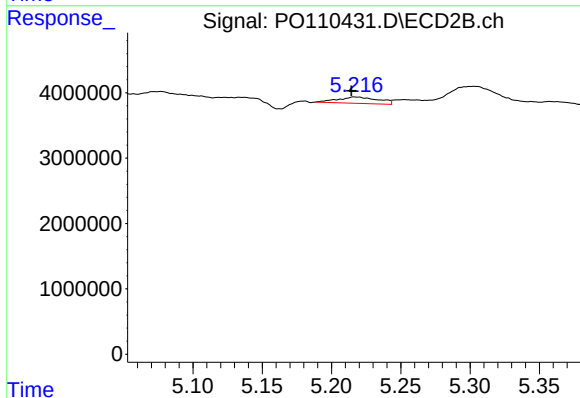
R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 799677
Conc: 14.82 ng/ml



#15 AR-1232-5

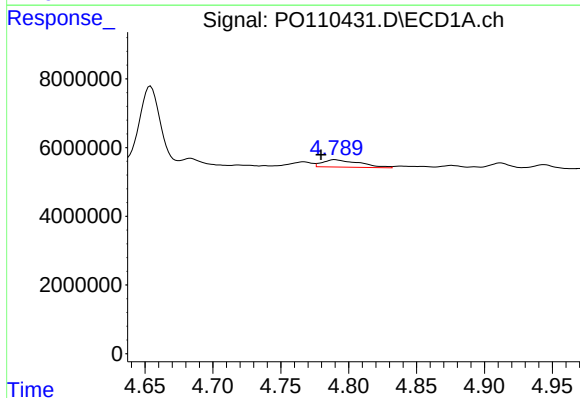
R.T.: 5.026 min
Delta R.T.: 0.010 min
Response: 6000442
Conc: 87.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



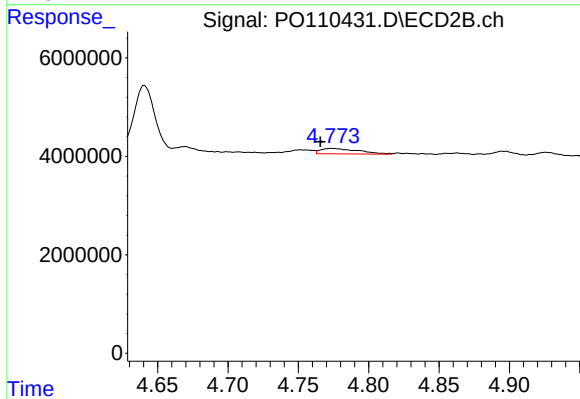
#15 AR-1232-5

R.T.: 5.217 min
Delta R.T.: 0.002 min
Response: 1951838
Conc: 34.16 ng/ml



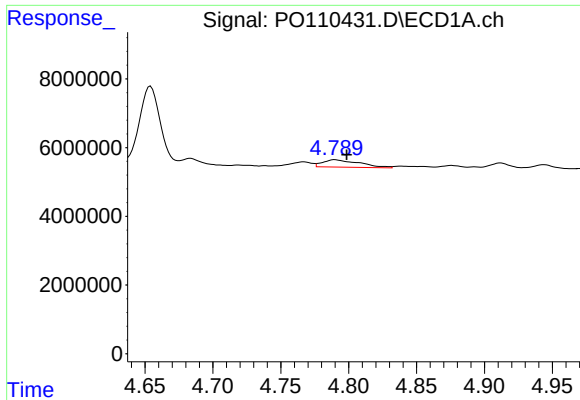
#16 AR-1242-1

R.T.: 4.790 min
Delta R.T.: 0.010 min
Response: 4112460
Conc: 14.82 ng/ml



#16 AR-1242-1

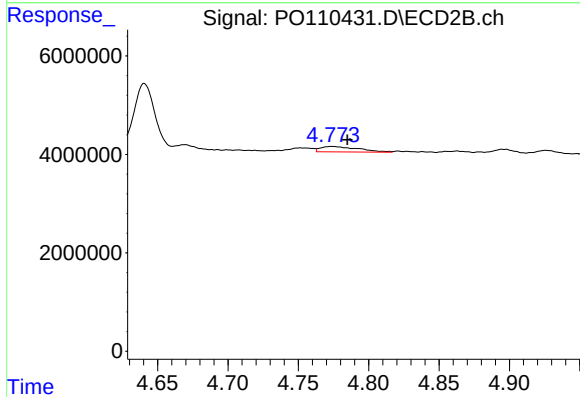
R.T.: 4.774 min
Delta R.T.: 0.009 min
Response: 2092256
Conc: 13.99 ng/ml



#17 AR-1242-2

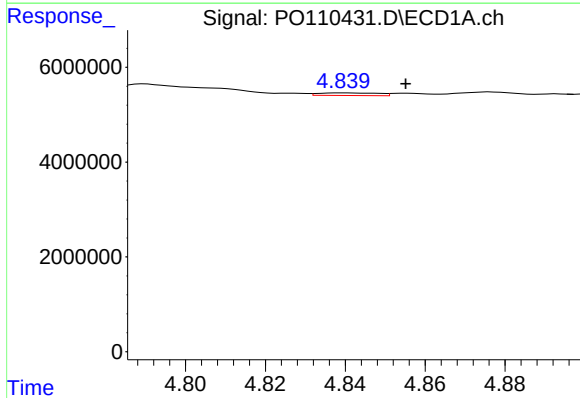
R.T.: 4.790 min
Delta R.T.: -0.009 min
Response: 4112460
Conc: 10.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



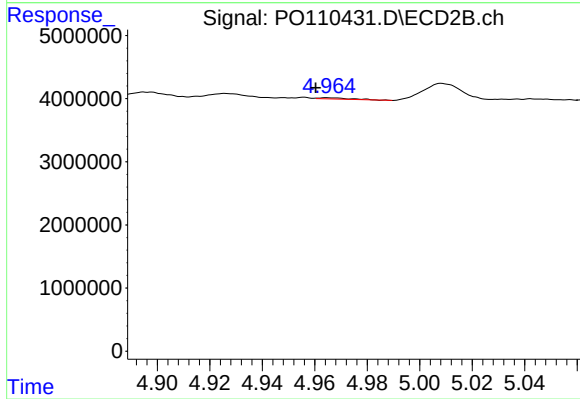
#17 AR-1242-2

R.T.: 4.774 min
Delta R.T.: -0.011 min
Response: 2092256
Conc: 9.81 ng/ml



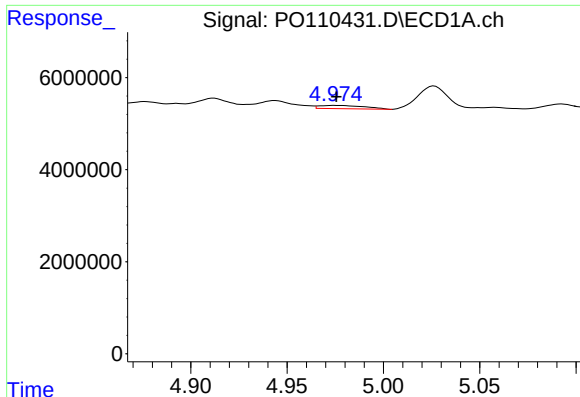
#18 AR-1242-3

R.T.: 4.839 min
Delta R.T.: -0.016 min
Response: 581789
Conc: 2.09 ng/ml



#18 AR-1242-3

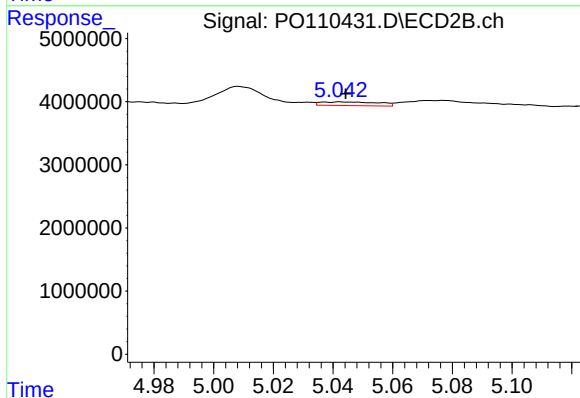
R.T.: 4.965 min
Delta R.T.: 0.004 min
Response: 151381
Conc: 1.31 ng/ml



#19 AR-1242-4

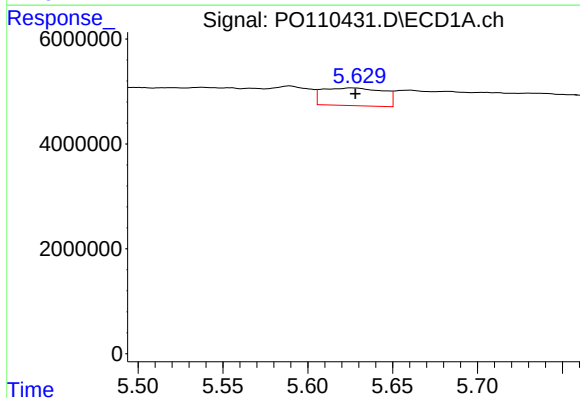
R.T.: 4.974 min
Delta R.T.: -0.001 min
Response: 1147103
Conc: 5.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



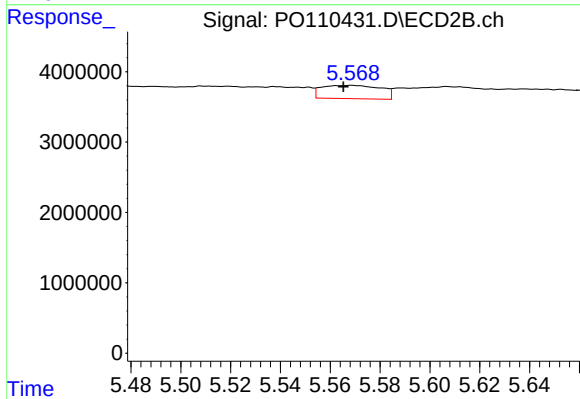
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 799677
Conc: 6.66 ng/ml



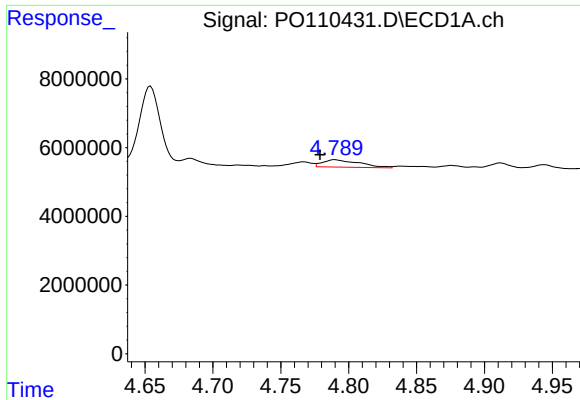
#20 AR-1242-5

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 8376866
Conc: 37.00 ng/ml



#20 AR-1242-5

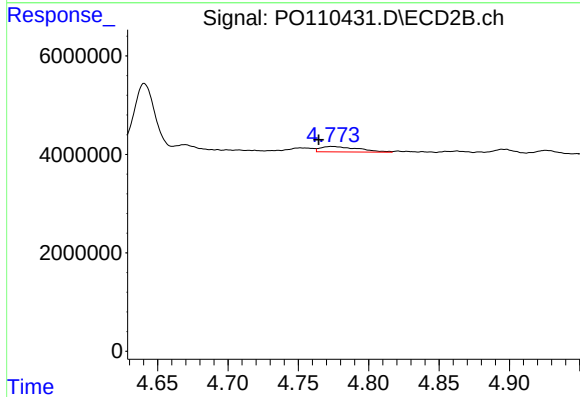
R.T.: 5.569 min
Delta R.T.: 0.003 min
Response: 3109622
Conc: 21.43 ng/ml



#21 AR-1248-1

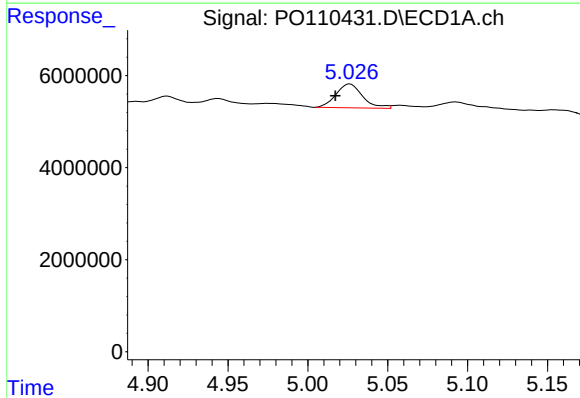
R.T.: 4.790 min
Delta R.T.: 0.011 min
Response: 4112460
Conc: 19.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



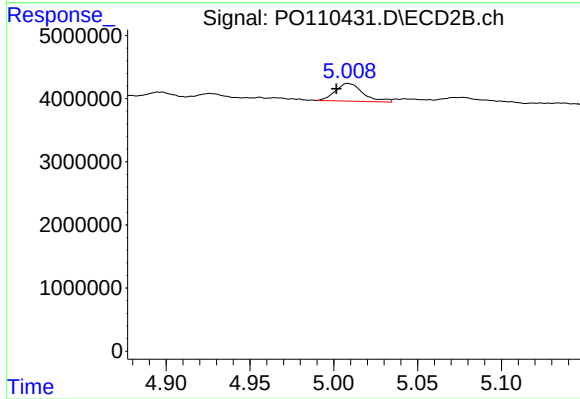
#21 AR-1248-1

R.T.: 4.774 min
Delta R.T.: 0.010 min
Response: 2092256
Conc: 18.17 ng/ml



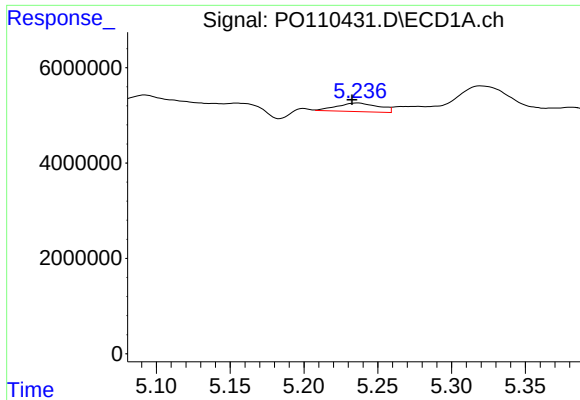
#22 AR-1248-2

R.T.: 5.026 min
Delta R.T.: 0.009 min
Response: 6000442
Conc: 20.28 ng/ml



#22 AR-1248-2

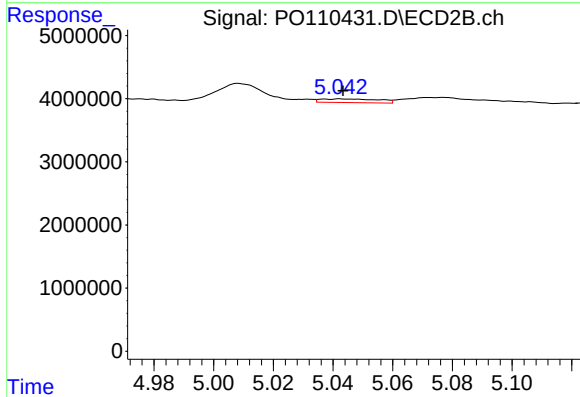
R.T.: 5.009 min
Delta R.T.: 0.007 min
Response: 3237151
Conc: 19.87 ng/ml



#23 AR-1248-3

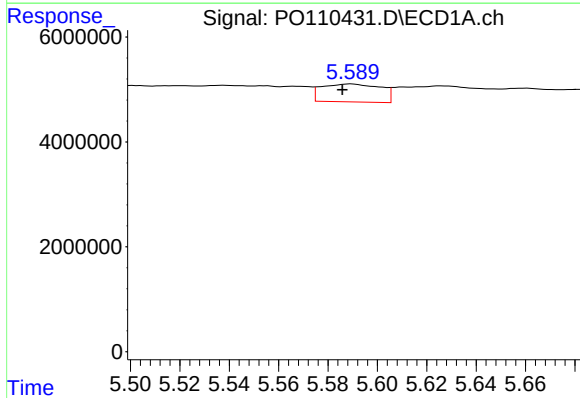
R.T.: 5.237 min
Delta R.T.: 0.004 min
Response: 3524870
Conc: 9.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



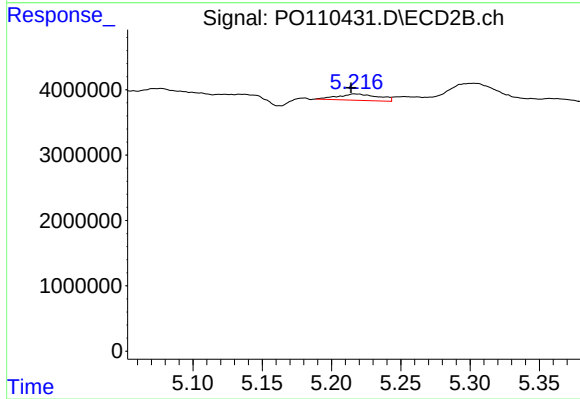
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 799677
Conc: 4.55 ng/ml



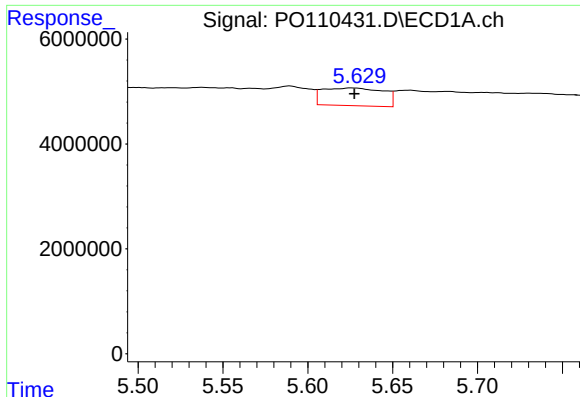
#24 AR-1248-4

R.T.: 5.590 min
Delta R.T.: 0.004 min
Response: 5674556
Conc: 10.91 ng/ml



#24 AR-1248-4

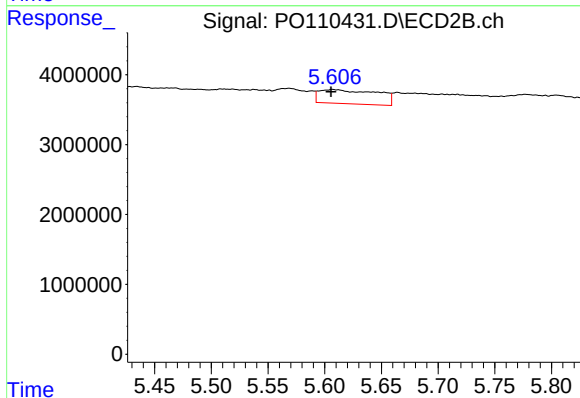
R.T.: 5.217 min
Delta R.T.: 0.003 min
Response: 1951838
Conc: 9.58 ng/ml



#25 AR-1248-5

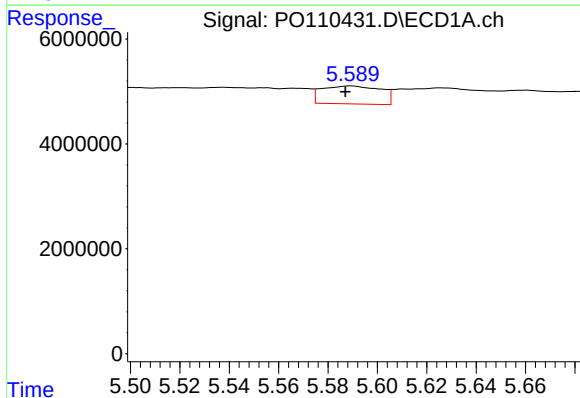
R.T.: 5.626 min
Delta R.T.: -0.001 min
Response: 8376866
Conc: 22.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



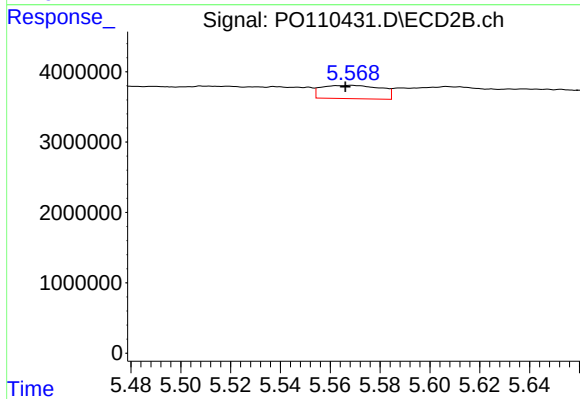
#25 AR-1248-5

R.T.: 5.607 min
Delta R.T.: 0.002 min
Response: 7189899
Conc: 36.42 ng/ml



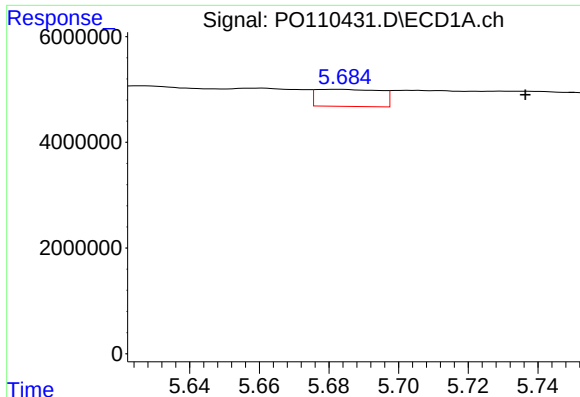
#26 AR-1254-1

R.T.: 5.590 min
Delta R.T.: 0.003 min
Response: 5674556
Conc: 10.17 ng/ml



#26 AR-1254-1

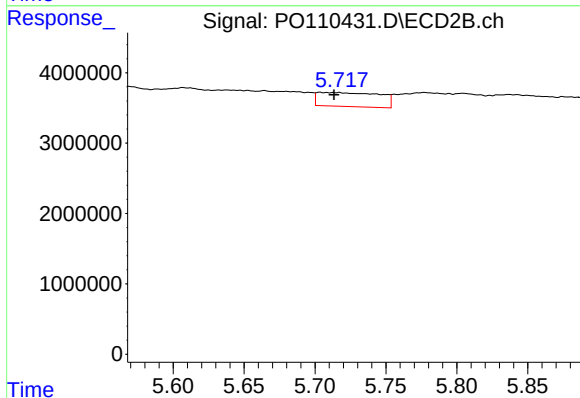
R.T.: 5.569 min
Delta R.T.: 0.002 min
Response: 3109622
Conc: 10.31 ng/ml



#27 AR-1254-2

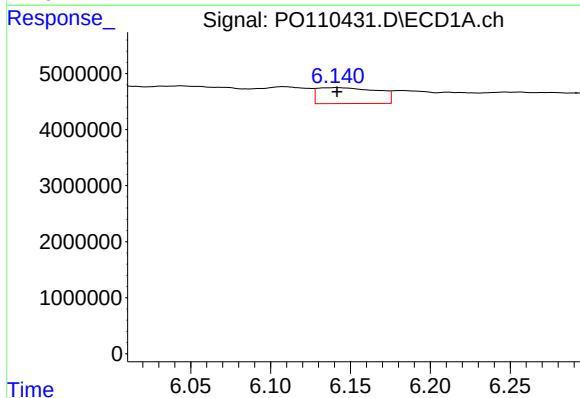
R.T.: 5.683 min
Delta R.T.: -0.053 min
Response: 4136123
Conc: 8.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



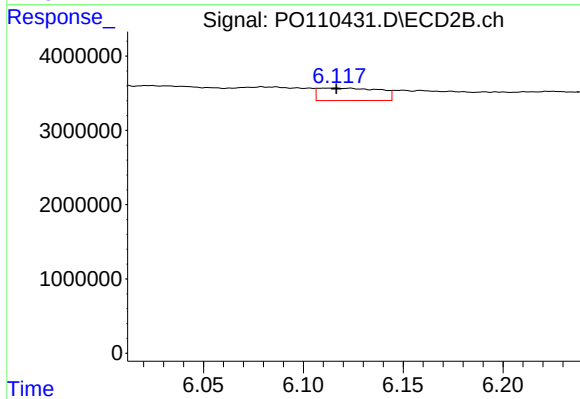
#27 AR-1254-2

R.T.: 5.703 min
Delta R.T.: -0.010 min
Response: 6054253
Conc: 22.87 ng/ml



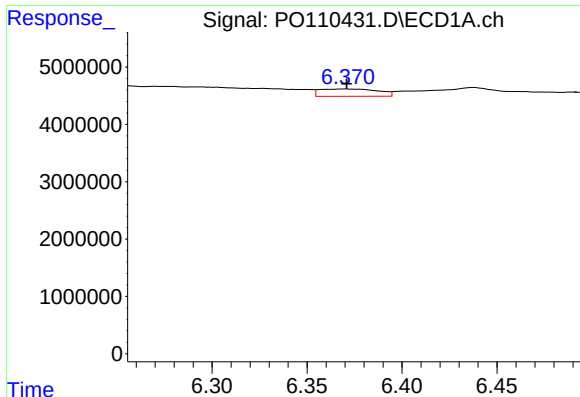
#28 AR-1254-3

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 7432305
Conc: 9.49 ng/ml



#28 AR-1254-3

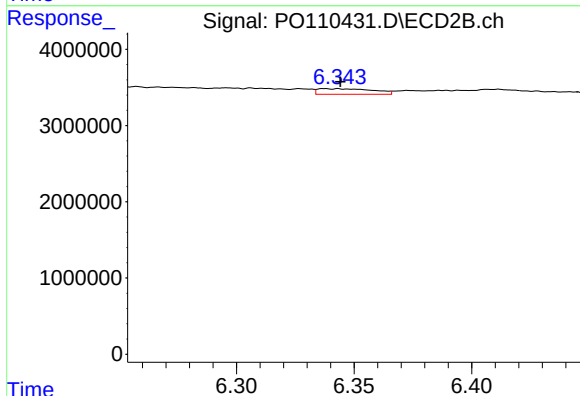
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 3595345
Conc: 8.91 ng/ml



#29 AR-1254-4

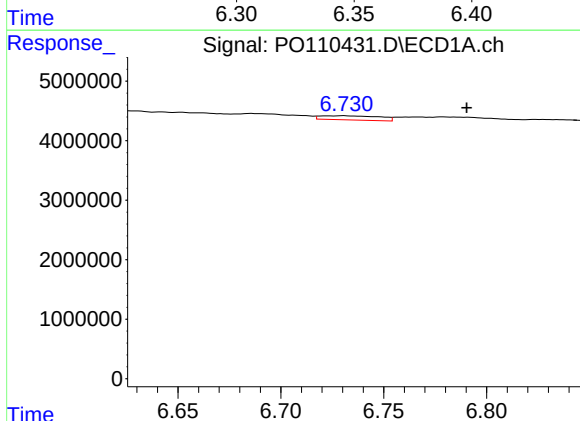
R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 2731408
Conc: 5.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



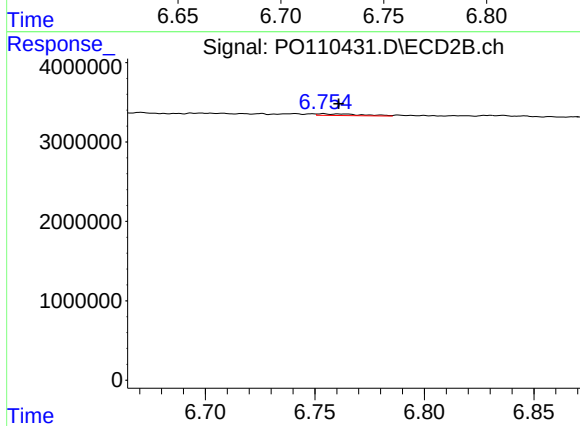
#29 AR-1254-4

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 1193284
Conc: 5.19 ng/ml



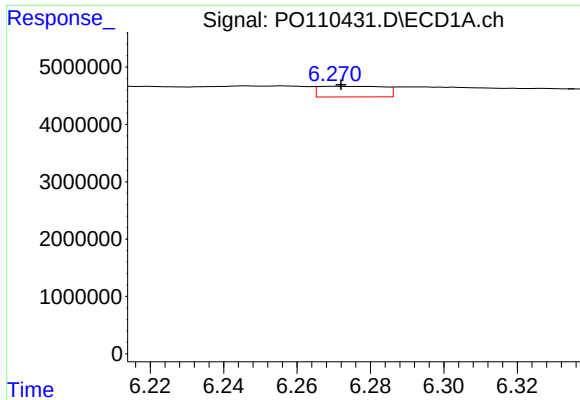
#30 AR-1254-5

R.T.: 6.731 min
Delta R.T.: -0.060 min
Response: 1378875
Conc: 1.97 ng/ml



#30 AR-1254-5

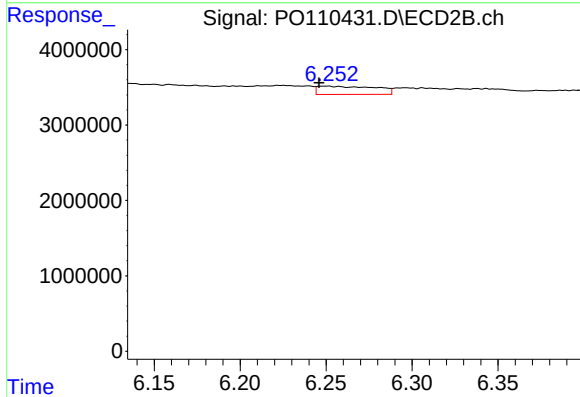
R.T.: 6.754 min
Delta R.T.: -0.007 min
Response: 289714
Conc: 0.87 ng/ml



#31 AR-1260-1

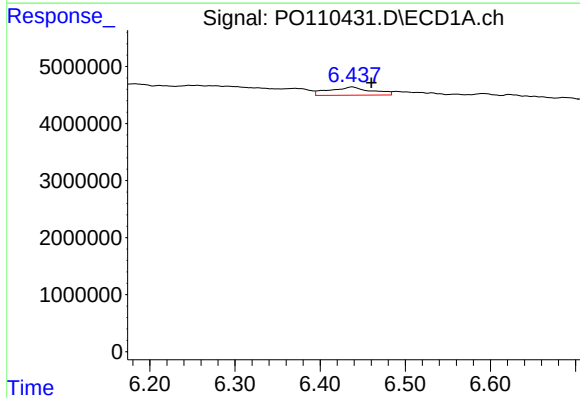
R.T.: 6.271 min
Delta R.T.: -0.001 min
Response: 2278533
Conc: 4.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



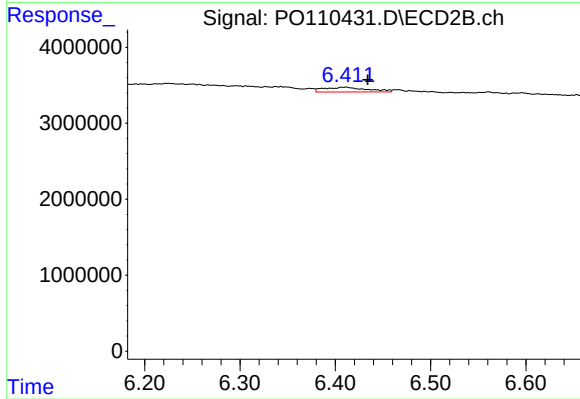
#31 AR-1260-1

R.T.: 6.251 min
Delta R.T.: 0.005 min
Response: 2555476
Conc: 10.39 ng/ml



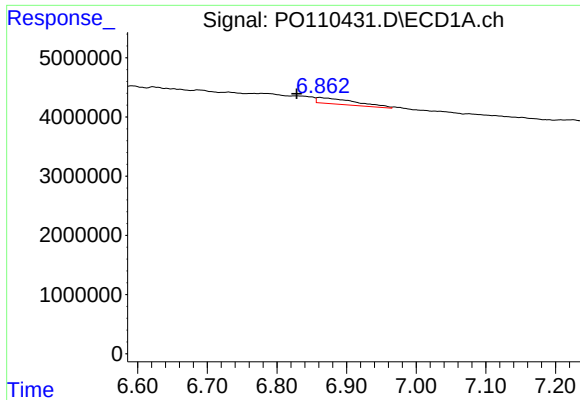
#32 AR-1260-2

R.T.: 6.438 min
Delta R.T.: -0.023 min
Response: 4956482
Conc: 8.45 ng/ml



#32 AR-1260-2

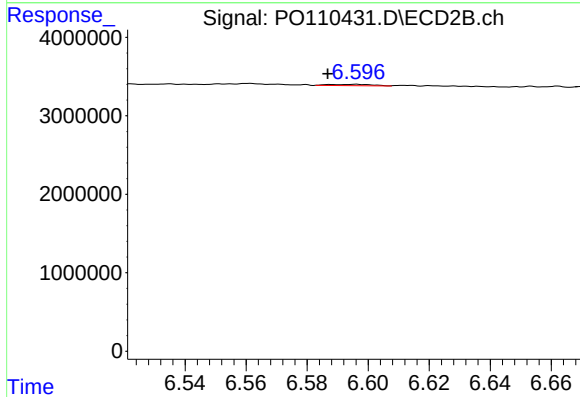
R.T.: 6.411 min
Delta R.T.: -0.023 min
Response: 1961697
Conc: 6.72 ng/ml



#33 AR-1260-3

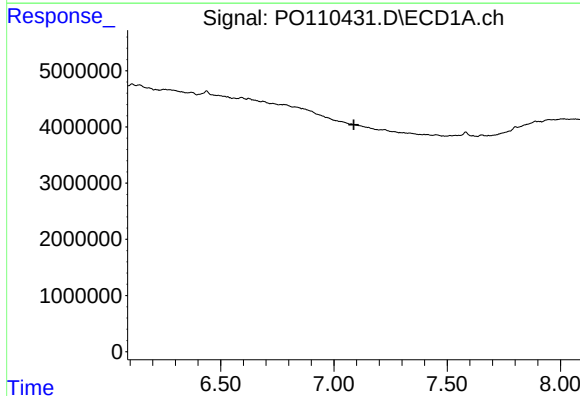
R.T.: 6.861 min
Delta R.T.: 0.033 min
Response: 3968092
Conc: 8.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



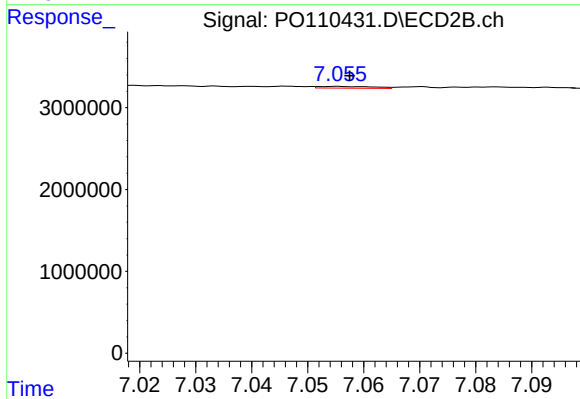
#33 AR-1260-3

R.T.: 6.596 min
Delta R.T.: 0.009 min
Response: 165162
Conc: 0.61 ng/ml



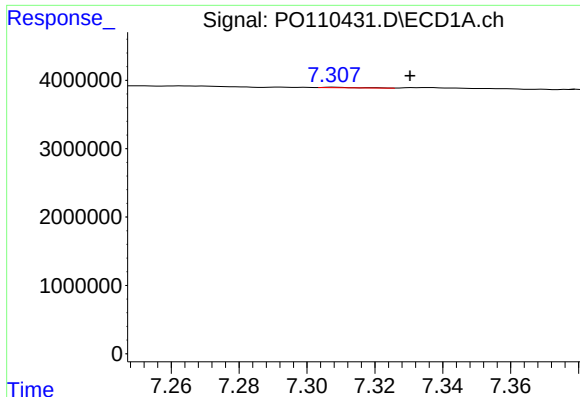
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.088 min
Response: 0
Conc: N.D.



#34 AR-1260-4

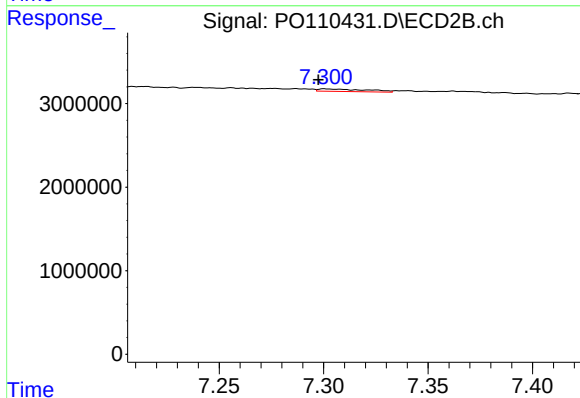
R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 150368
Conc: 0.75 ng/ml



#35 AR-1260-5

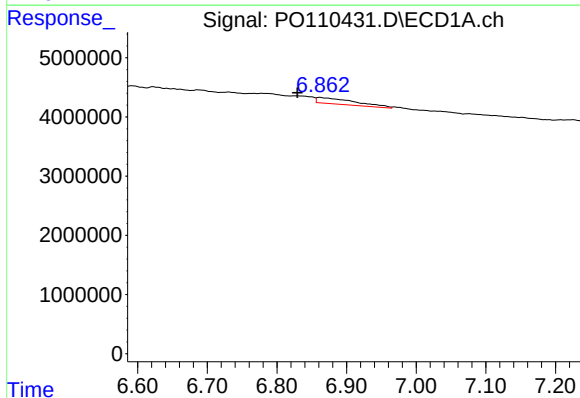
R.T.: 7.308 min
Delta R.T.: -0.022 min
Response: 47928
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



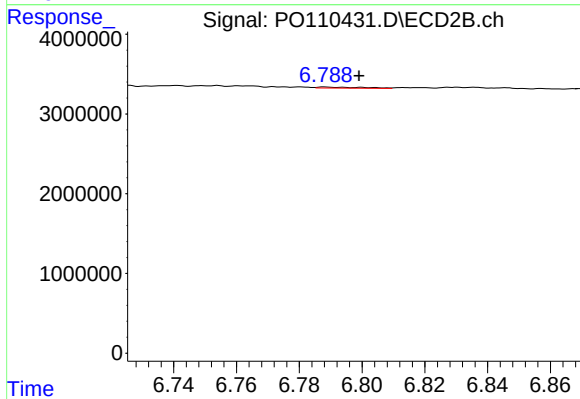
#35 AR-1260-5

R.T.: 7.301 min
Delta R.T.: 0.003 min
Response: 500059
Conc: 1.09 ng/ml



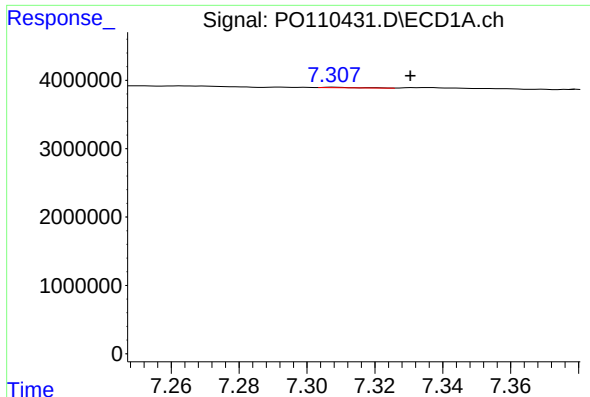
#36 AR-1262-1

R.T.: 6.861 min
Delta R.T.: 0.032 min
Response: 3968092
Conc: 5.66 ng/ml



#36 AR-1262-1

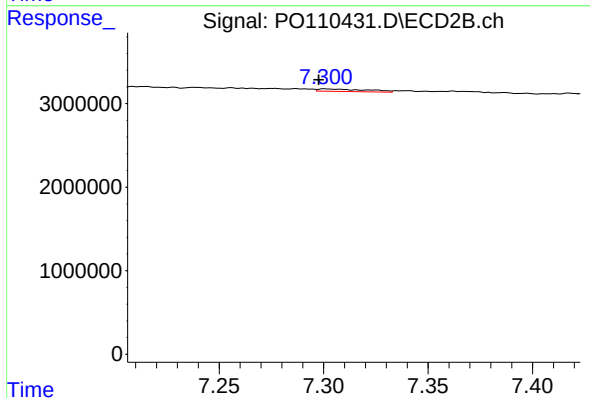
R.T.: 6.788 min
Delta R.T.: -0.011 min
Response: 141190
Conc: 0.43 ng/ml



#37 AR-1262-2

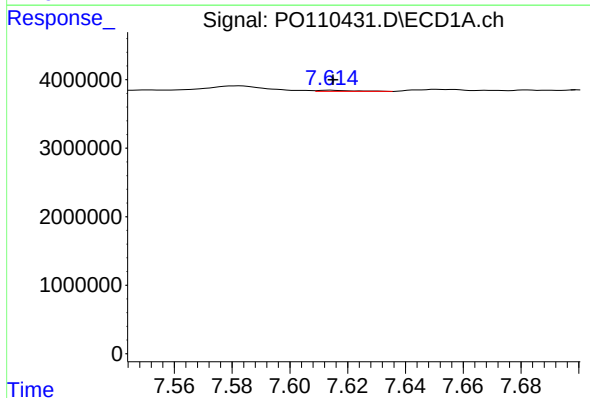
R.T.: 7.308 min
Delta R.T.: -0.023 min
Response: 47928
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



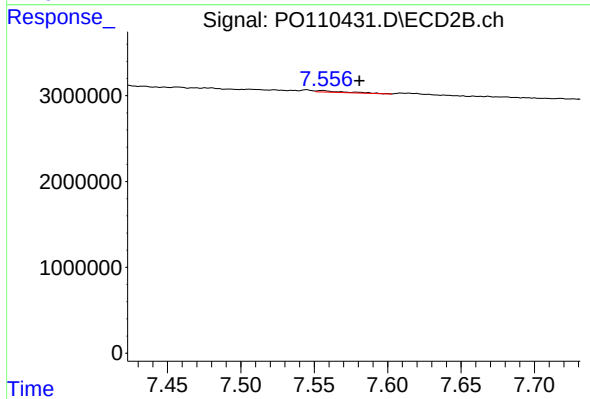
#37 AR-1262-2

R.T.: 7.301 min
Delta R.T.: 0.003 min
Response: 500059
Conc: 0.98 ng/ml



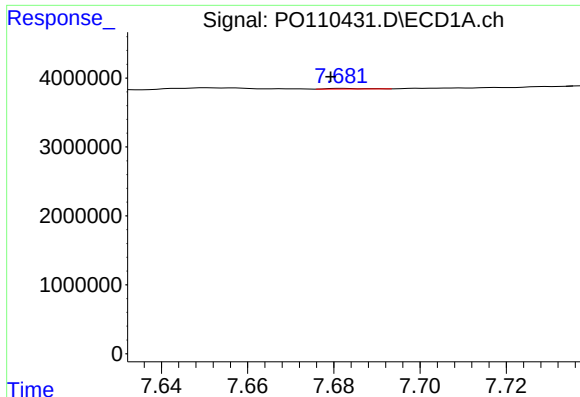
#38 AR-1262-3

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 134807
Conc: 0.26 ng/ml



#38 AR-1262-3

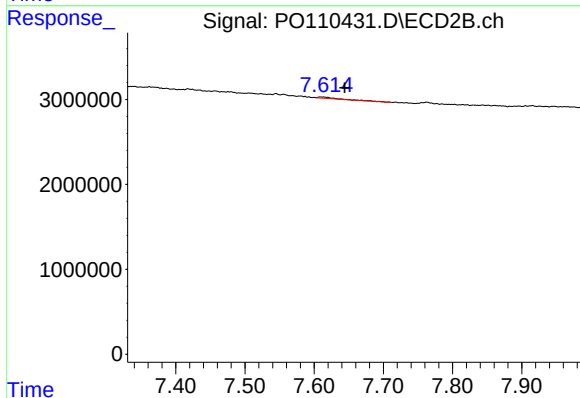
R.T.: 7.556 min
Delta R.T.: -0.025 min
Response: 211984
Conc: 1.09 ng/ml



#39 AR-1262-4

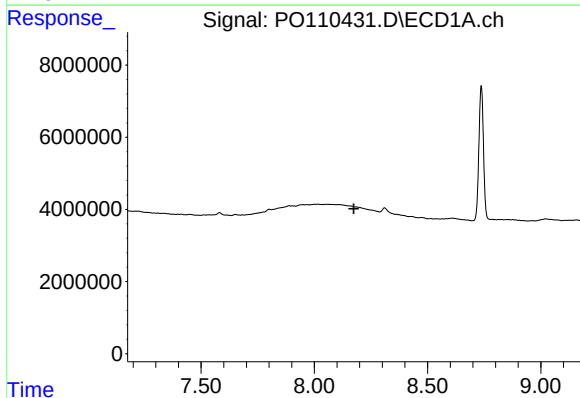
R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 54928
Conc: 0.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



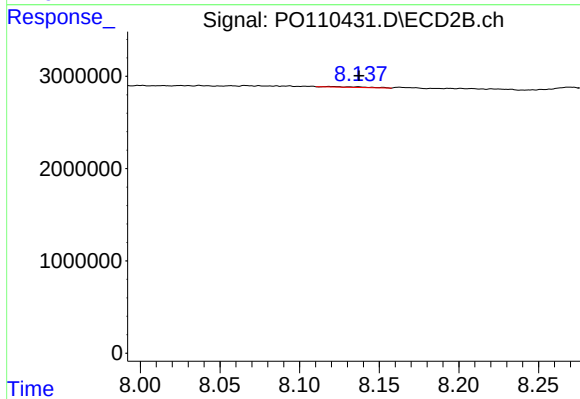
#39 AR-1262-4

R.T.: 7.614 min
Delta R.T.: -0.031 min
Response: 276388
Conc: 0.80 ng/ml



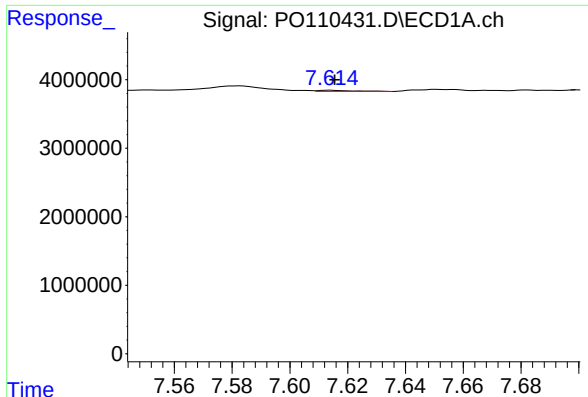
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.175 min
Response: 0
Conc: N.D.



#40 AR-1262-5

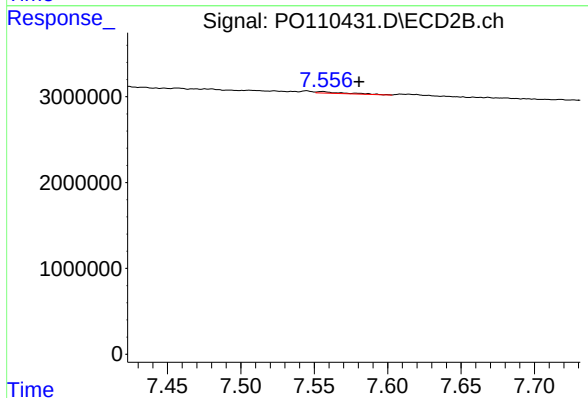
R.T.: 8.119 min
Delta R.T.: -0.018 min
Response: 108472
Conc: 0.87 ng/ml



#41 AR-1268-1

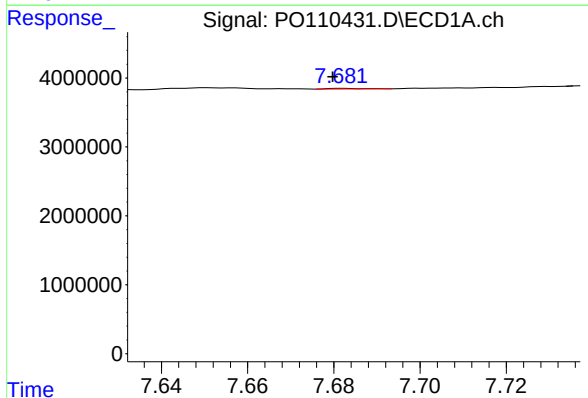
R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 134807
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



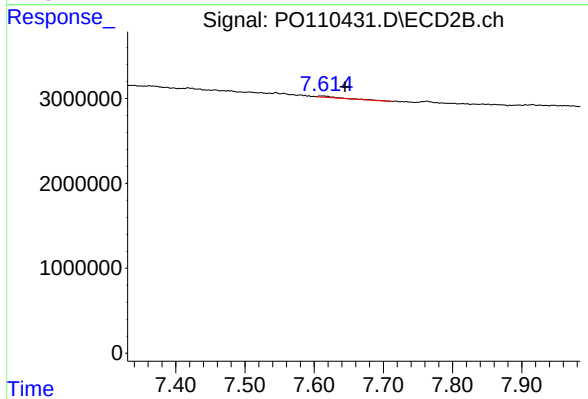
#41 AR-1268-1

R.T.: 7.556 min
Delta R.T.: -0.025 min
Response: 211984
Conc: 0.39 ng/ml



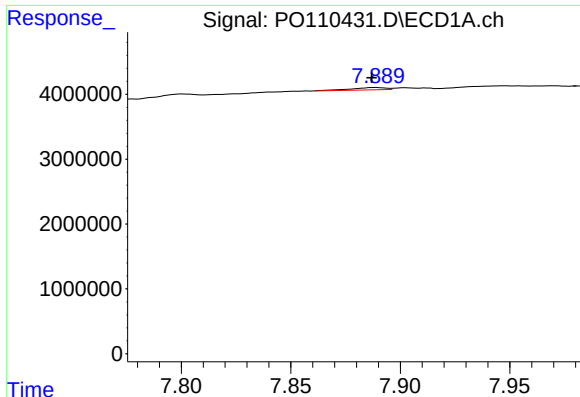
#42 AR-1268-2

R.T.: 7.682 min
Delta R.T.: 0.002 min
Response: 54928
Conc: 0.04 ng/ml



#42 AR-1268-2

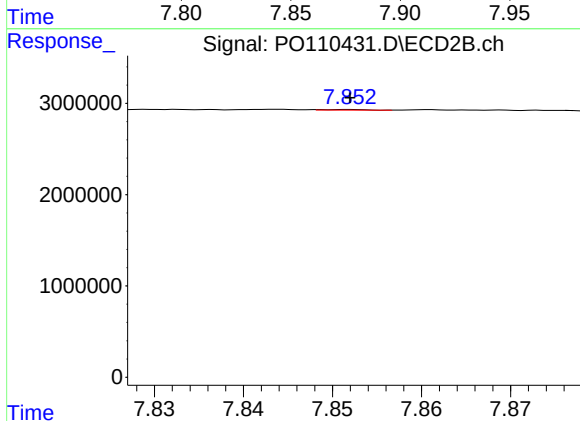
R.T.: 7.614 min
Delta R.T.: -0.031 min
Response: 276388
Conc: 0.56 ng/ml



#43 AR-1268-3

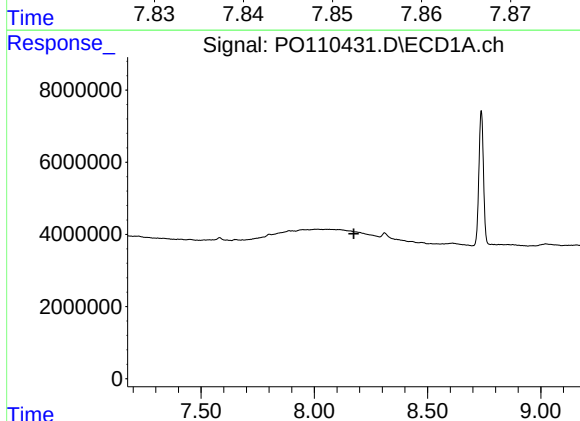
R.T.: 7.889 min
Delta R.T.: 0.002 min
Response: 396164
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



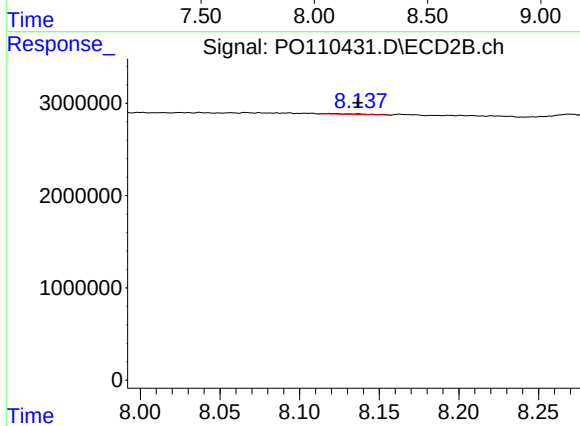
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.000 min
Response: 22210
Conc: 0.06 ng/ml



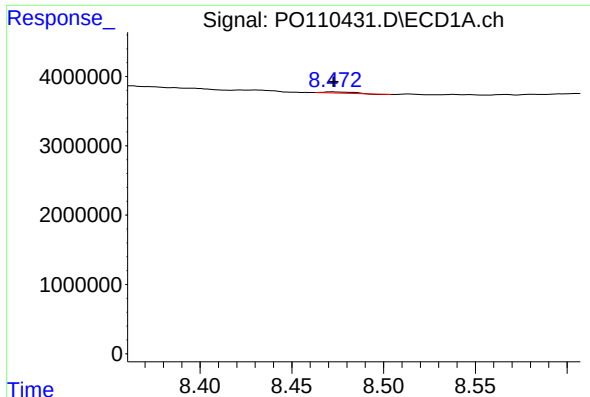
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.175 min
Response: 0
Conc: N.D.



#44 AR-1268-4

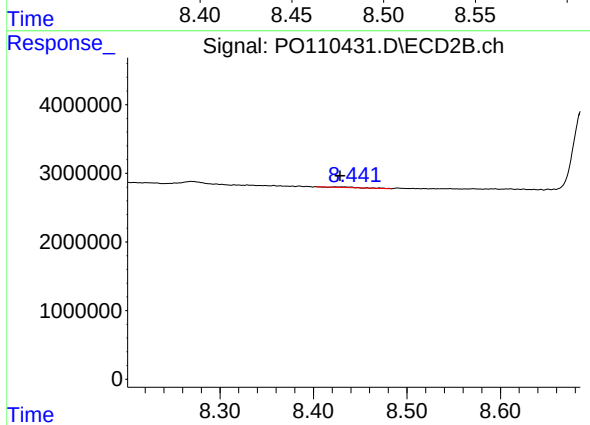
R.T.: 8.119 min
Delta R.T.: -0.018 min
Response: 108472
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 201333
Conc: 0.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
280722



#45 AR-1268-5

R.T.: 8.424 min
Delta R.T.: -0.004 min
Response: 169428
Conc: 0.22 ng/ml