

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0051524\
 Data File : P0103799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2024 21:21
 Operator : YP/AJ
 Sample : P2403-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 01:54:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0050624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 07 04:55:35 2024
 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...	4.449	3.584	169.9E6	56046718	22.076	22.248
2)	SA Decachlor...	10.209	8.540	115.3E6	28672499	24.326	22.041
Target Compounds							
3)	L1 AR-1016-1	5.619	4.679	6009074	3011966	24.713	38.385 #
4)	L1 AR-1016-2	5.641	4.679	8518449	3011966	24.593	25.147
5)	L1 AR-1016-3	5.703	4.852	5448427	1582972	26.276	23.687
6)	L1 AR-1016-4	5.802	4.894	3953900	956308	23.193	20.810
7)	L1 AR-1016-5	6.097	5.105	3612690	1687813	22.806	27.032
8)	L2 AR-1221-1	4.657	3.797	3993441	937496	44.990	30.442 #
9)	L2 AR-1221-2	4.754	3.881	5221066	1600016	77.566	65.784
10)	L2 AR-1221-3	4.821	3.958	8651345	3237260	43.072	45.168
11)	L3 AR-1232-1	4.821	3.958	8651345	3237260	52.098	54.354
12)	L3 AR-1232-2	5.351	4.679	4200380	3011966	49.200	52.547
13)	L3 AR-1232-3	5.641	4.852	8518449	1582972	51.992	51.121
14)	L3 AR-1232-4	5.802	4.936	3953900	1393155	50.124	54.239
15)	L3 AR-1232-5	5.891	5.105	2694664	1687813	47.661	60.734 #
16)	L4 AR-1242-1	5.619	4.679	6009074	3011966	29.366	45.561 #
17)	L4 AR-1242-2	5.641	4.679	8518449	3011966	29.243	30.258
18)	L4 AR-1242-3	5.703	4.852	5448427	1582972	31.433	28.923
19)	L4 AR-1242-4	5.802	4.936	3953900	1393155	27.526	28.046
20)	L4 AR-1242-5	6.537	5.451	3735167	1851006	26.086	30.278
21)	L5 AR-1248-1	5.619	4.679	6009074	3011966	39.156	59.693 #
22)	L5 AR-1248-2	5.891	4.894	2694664	956308	13.101	14.517
23)	L5 AR-1248-3	6.097	4.936	3612690	1393155	16.041	19.245
24)	L5 AR-1248-4	6.499	5.105	3788579	1687813	14.722	19.970 #
25)	L5 AR-1248-5	6.537	5.493	3735167	1866698	15.331	21.258 #
26)	L6 AR-1254-1	6.472	5.451	2751933	1851006	11.175	15.187 #
27)	L6 AR-1254-2	6.694	5.597	3089313	1018178	8.535	9.642
28)	L6 AR-1254-3	7.055	5.998	2372488	814615	6.517	4.740 #
29)	L6 AR-1254-4	7.337	6.224	1122418	487183	3.960	4.727
30)	L6 AR-1254-5	7.752	6.657	254794	58473	0.956	0.424 #
31)	L7 AR-1260-1	7.214	6.145	90310	258613	0.345	2.448 #
32)	L7 AR-1260-2	7.480	6.353	512309	73919	1.573	0.591 #
33)	L7 AR-1260-3	7.846	6.470	321369	251176	1.296	2.127 #
34)	L7 AR-1260-4	8.061	6.958	224287	180415	0.920	2.022 #
35)	L7 AR-1260-5	8.386	7.191	190558	34530	0.351	0.167 #
36)	L8 AR-1262-1	7.752	6.657	254794	58473	1.107	0.763 #
37)	L8 AR-1262-2	8.386	6.958	190558	180415	0.294	1.531 #
38)	L8 AR-1262-3	8.687	7.474	97691	13435	0.228	0.149 #
39)	L8 AR-1262-4	8.791	7.534	201431	44979	0.599	0.269 #
40)	L8 AR-1262-5	9.427	8.023	83842	16850	0.354	0.234 #
41)	L9 AR-1268-1	8.687	7.474	97691	13435	0.126	0.052 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051524\
Data File : P0103799.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2024 21:21
Operator : YP/AJ
Sample : P2403-02
Misc : AR1232 LOQ 50 PPB
ALS Vial : 37 Sample Multiplier: 1

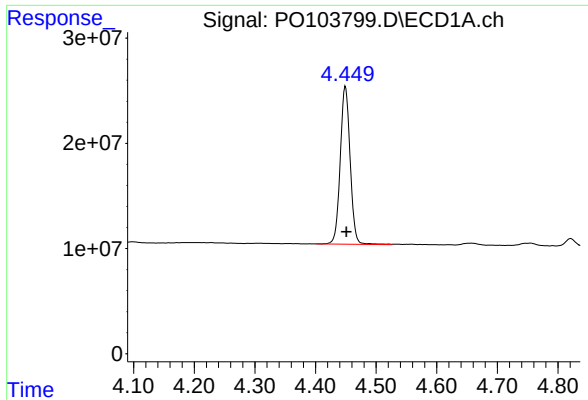
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 01:54:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050624.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 07 04:55:35 2024
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	8.791	7.534	201431	44979	0.282	0.180 #
43)	L9 AR-1268-3	9.028	7.728	568186	22920	0.903	0.114 #
44)	L9 AR-1268-4	9.427	8.294	83842	208873	0.331	0.385
45)	L9 AR-1268-5	9.873	8.540	646001	28672499	0.334	123.194 #

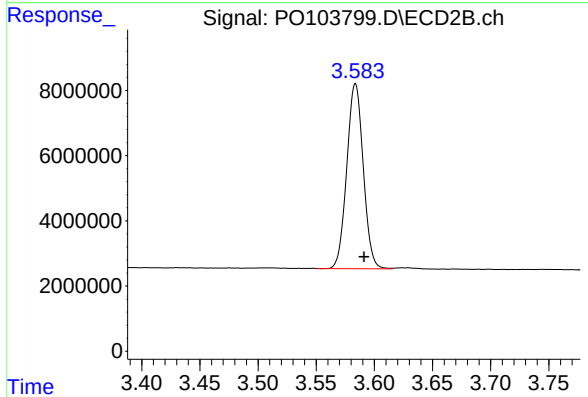
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

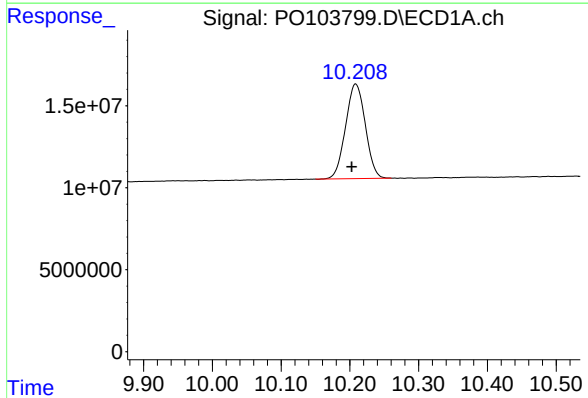
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 169889504
Conc: 22.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



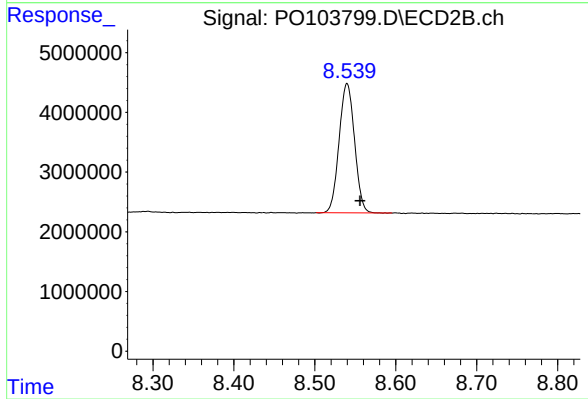
#1 Tetrachloro-m-xylene

R.T.: 3.584 min
Delta R.T.: -0.007 min
Response: 56046718
Conc: 22.25 ng/ml



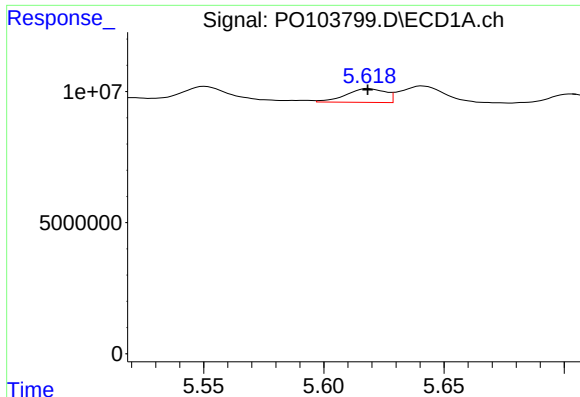
#2 Decachlorobiphenyl

R.T.: 10.209 min
Delta R.T.: 0.006 min
Response: 115310366
Conc: 24.33 ng/ml



#2 Decachlorobiphenyl

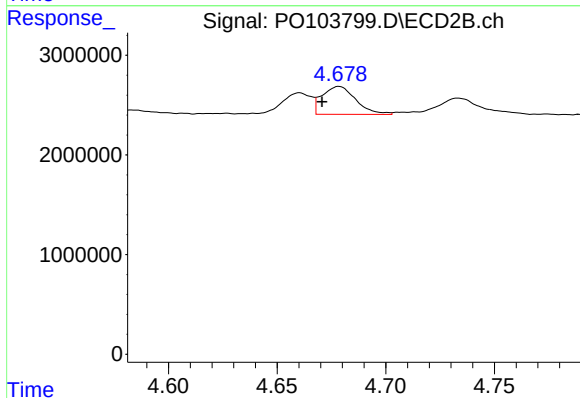
R.T.: 8.540 min
Delta R.T.: -0.016 min
Response: 28672499
Conc: 22.04 ng/ml



#3 AR-1016-1

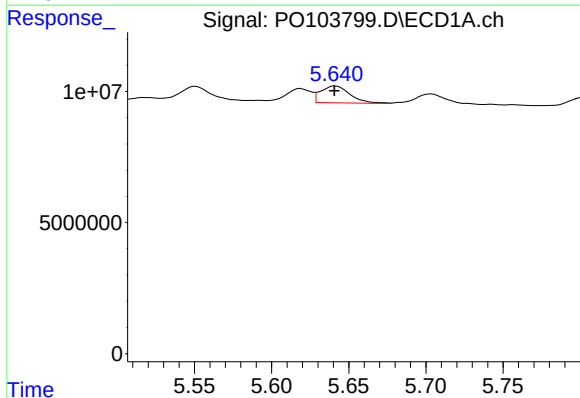
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 6009074
Conc: 24.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



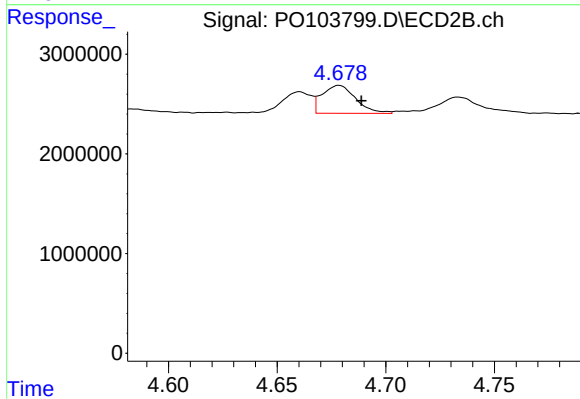
#3 AR-1016-1

R.T.: 4.679 min
Delta R.T.: 0.008 min
Response: 3011966
Conc: 38.38 ng/ml



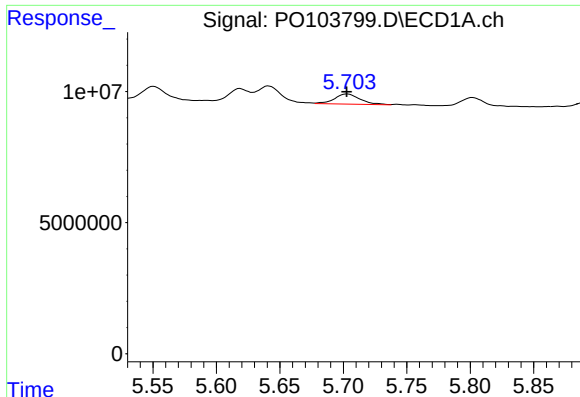
#4 AR-1016-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 8518449
Conc: 24.59 ng/ml



#4 AR-1016-2

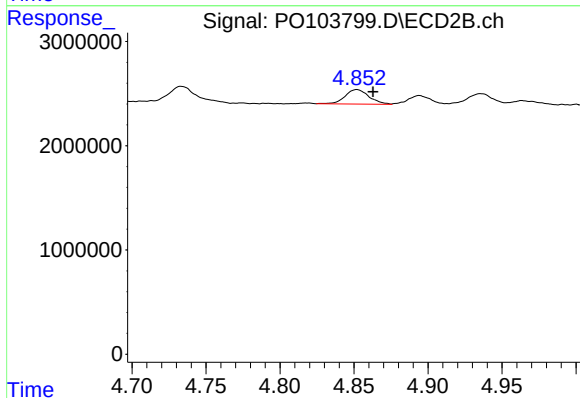
R.T.: 4.679 min
Delta R.T.: -0.010 min
Response: 3011966
Conc: 25.15 ng/ml



#5 AR-1016-3

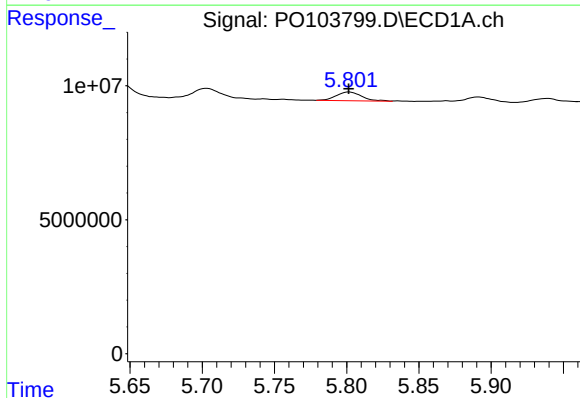
R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 5448427
Conc: 26.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



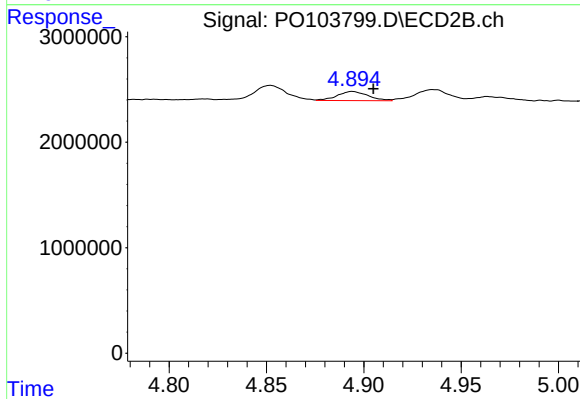
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.011 min
Response: 1582972
Conc: 23.69 ng/ml



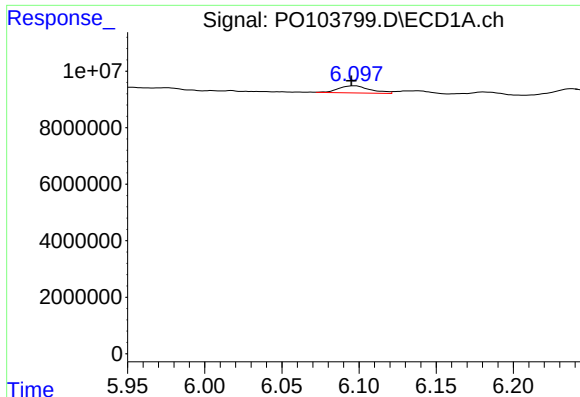
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 3953900
Conc: 23.19 ng/ml



#6 AR-1016-4

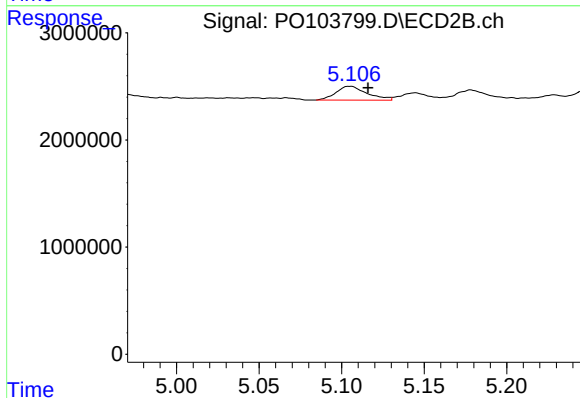
R.T.: 4.894 min
Delta R.T.: -0.011 min
Response: 956308
Conc: 20.81 ng/ml



#7 AR-1016-5

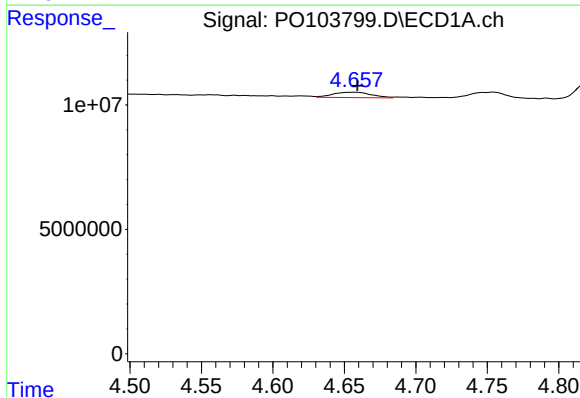
R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 3612690
Conc: 22.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



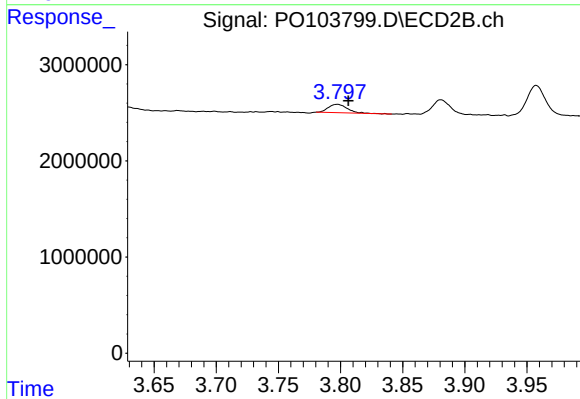
#7 AR-1016-5

R.T.: 5.105 min
Delta R.T.: -0.011 min
Response: 1687813
Conc: 27.03 ng/ml



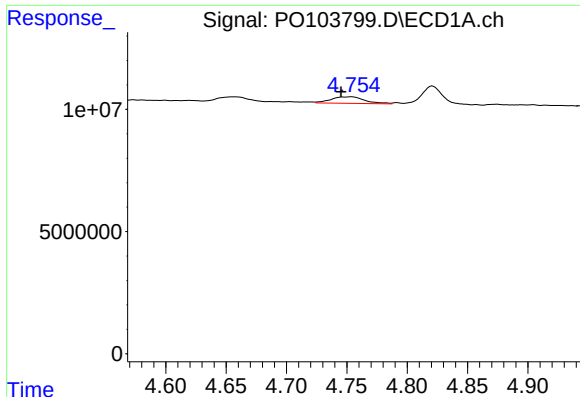
#8 AR-1221-1

R.T.: 4.657 min
Delta R.T.: -0.002 min
Response: 3993441
Conc: 44.99 ng/ml



#8 AR-1221-1

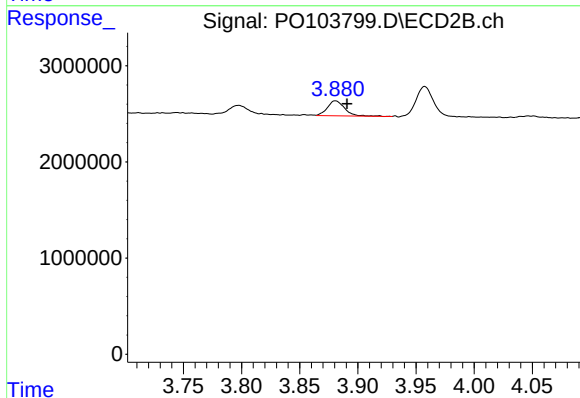
R.T.: 3.797 min
Delta R.T.: -0.009 min
Response: 937496
Conc: 30.44 ng/ml



#9 AR-1221-2

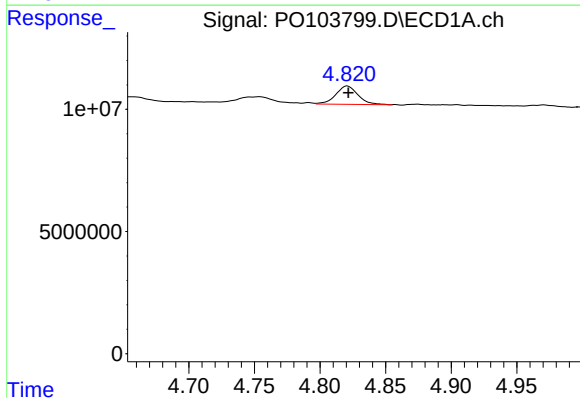
R.T.: 4.754 min
Delta R.T.: 0.009 min
Response: 5221066
Conc: 77.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



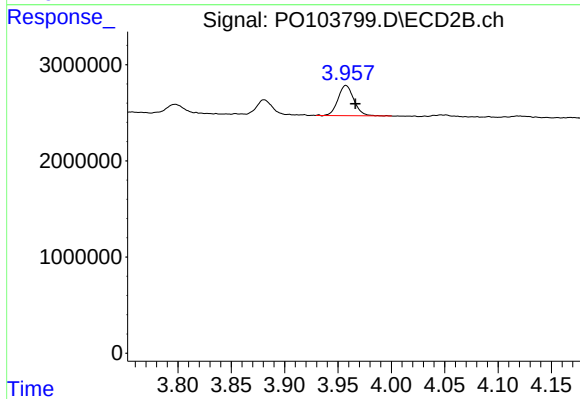
#9 AR-1221-2

R.T.: 3.881 min
Delta R.T.: -0.010 min
Response: 1600016
Conc: 65.78 ng/ml



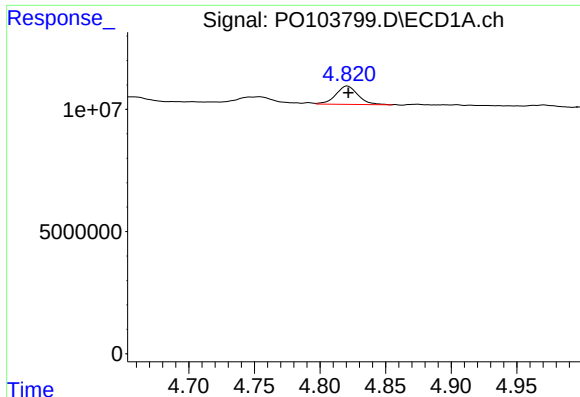
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 8651345
Conc: 43.07 ng/ml



#10 AR-1221-3

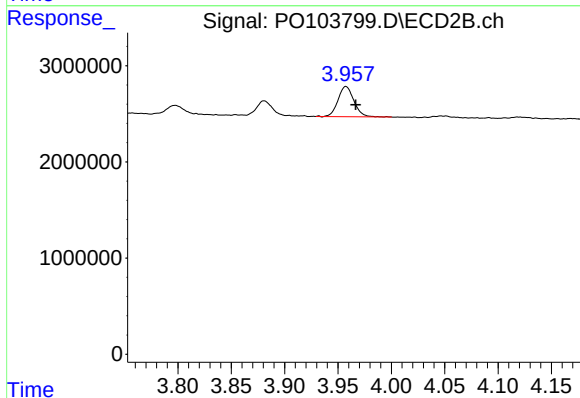
R.T.: 3.958 min
Delta R.T.: -0.009 min
Response: 3237260
Conc: 45.17 ng/ml



#11 AR-1232-1

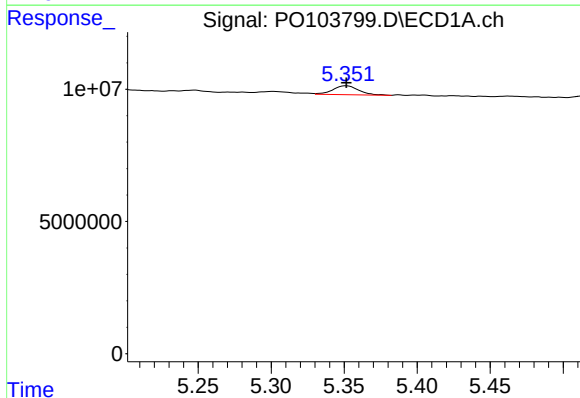
R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 8651345
Conc: 52.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



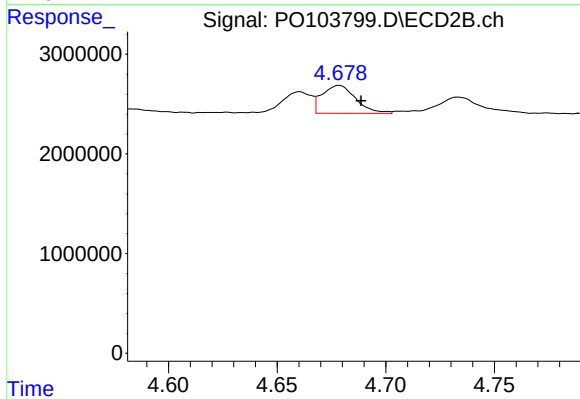
#11 AR-1232-1

R.T.: 3.958 min
Delta R.T.: -0.009 min
Response: 3237260
Conc: 54.35 ng/ml



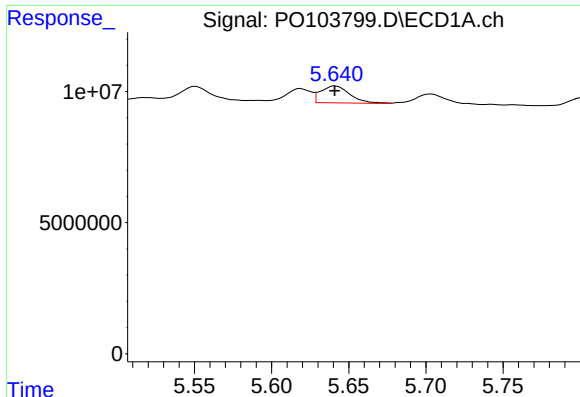
#12 AR-1232-2

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 4200380
Conc: 49.20 ng/ml



#12 AR-1232-2

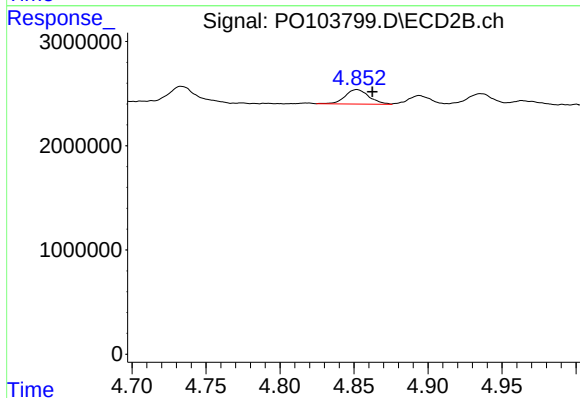
R.T.: 4.679 min
Delta R.T.: -0.010 min
Response: 3011966
Conc: 52.55 ng/ml



#13 AR-1232-3

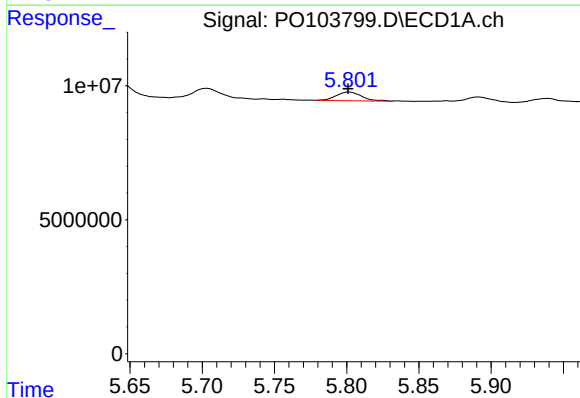
R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 8518449
Conc: 51.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



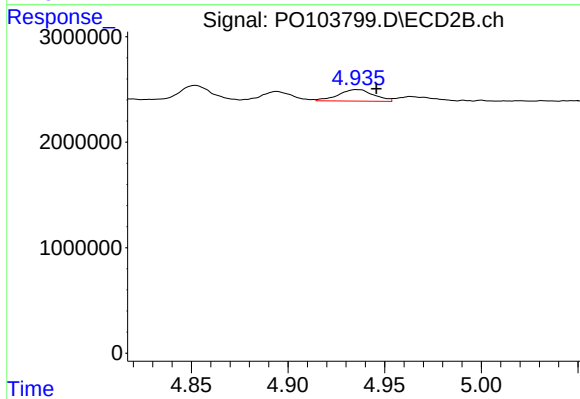
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: -0.010 min
Response: 1582972
Conc: 51.12 ng/ml



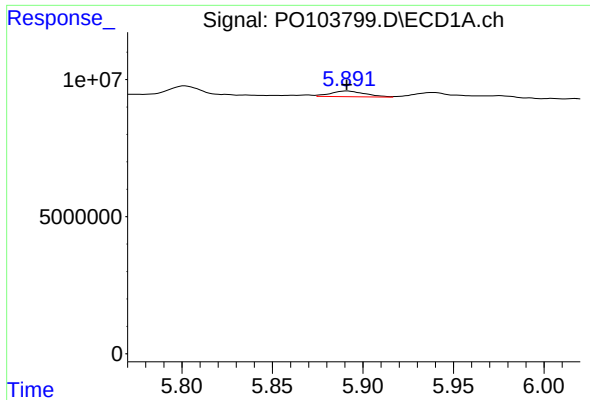
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 3953900
Conc: 50.12 ng/ml



#14 AR-1232-4

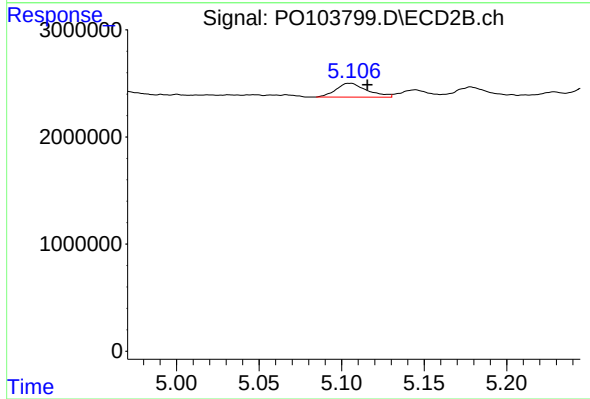
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 1393155
Conc: 54.24 ng/ml



#15 AR-1232-5

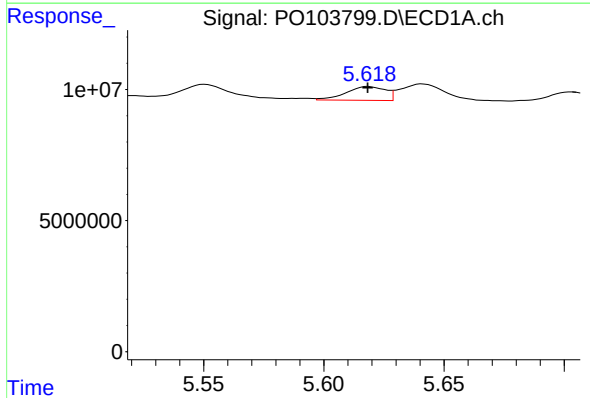
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2694664
Conc: 47.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



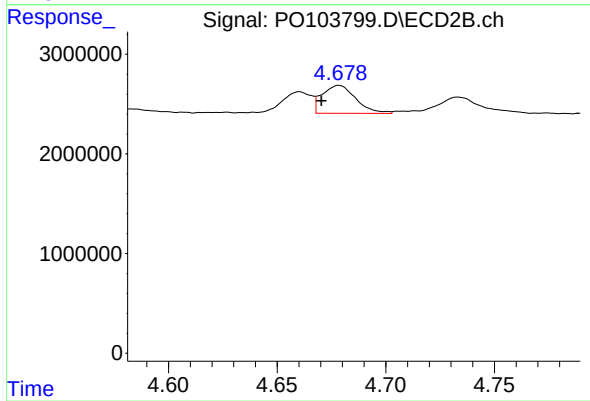
#15 AR-1232-5

R.T.: 5.105 min
Delta R.T.: -0.011 min
Response: 1687813
Conc: 60.73 ng/ml



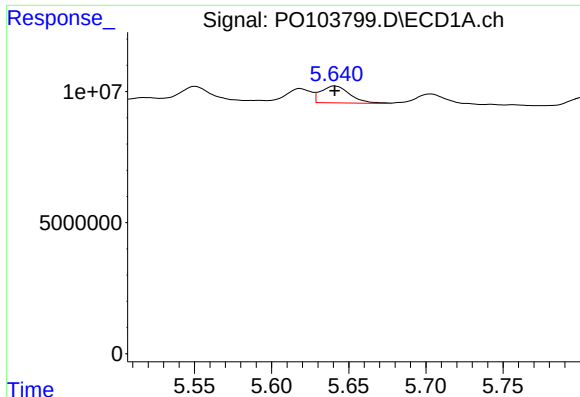
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 6009074
Conc: 29.37 ng/ml



#16 AR-1242-1

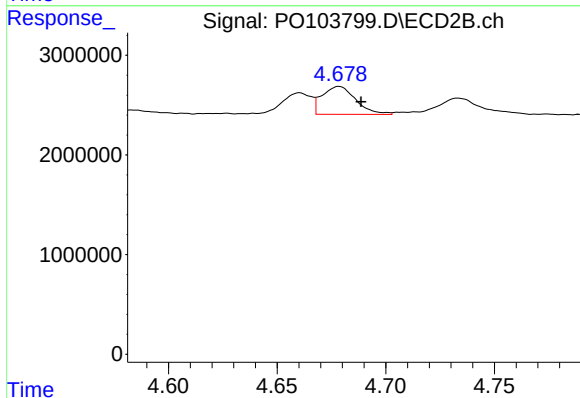
R.T.: 4.679 min
Delta R.T.: 0.008 min
Response: 3011966
Conc: 45.56 ng/ml



#17 AR-1242-2

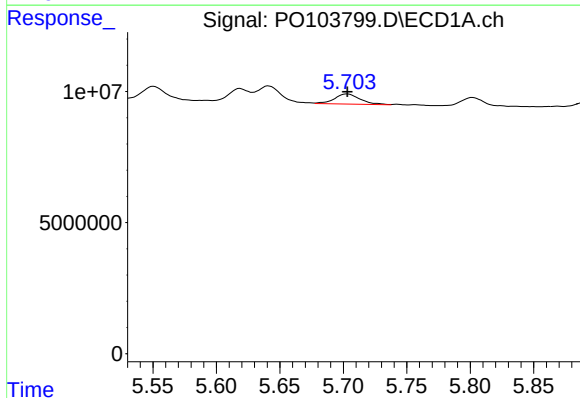
R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 8518449
Conc: 29.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



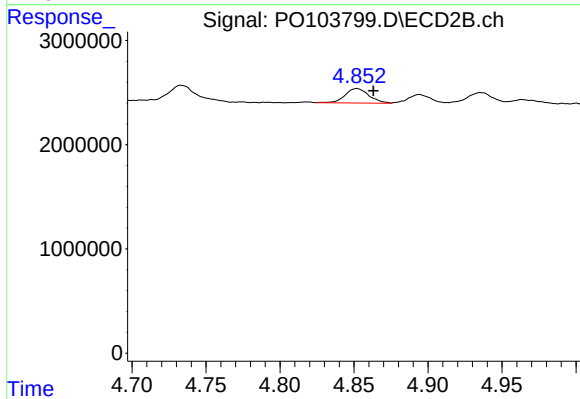
#17 AR-1242-2

R.T.: 4.679 min
Delta R.T.: -0.010 min
Response: 3011966
Conc: 30.26 ng/ml



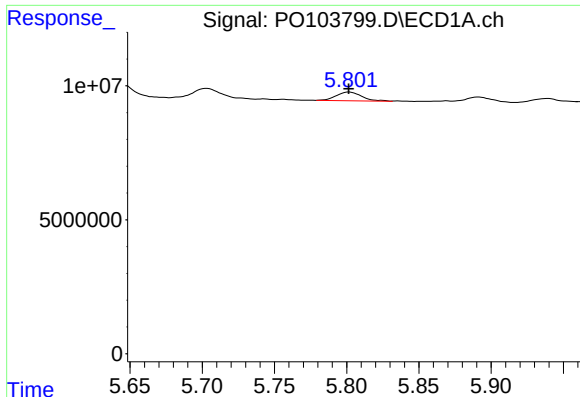
#18 AR-1242-3

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 5448427
Conc: 31.43 ng/ml



#18 AR-1242-3

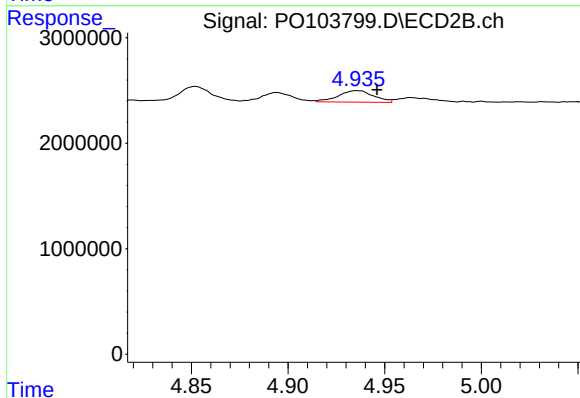
R.T.: 4.852 min
Delta R.T.: -0.011 min
Response: 1582972
Conc: 28.92 ng/ml



#19 AR-1242-4

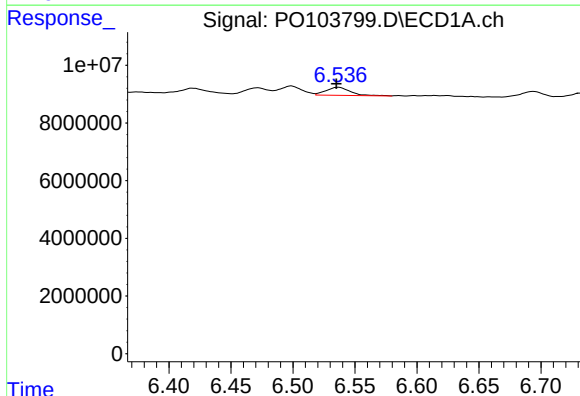
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 3953900
Conc: 27.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



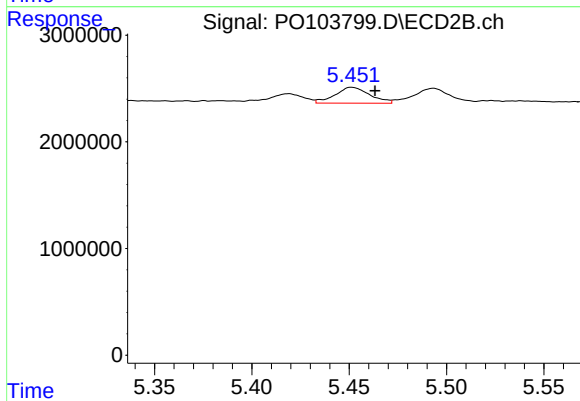
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 1393155
Conc: 28.05 ng/ml



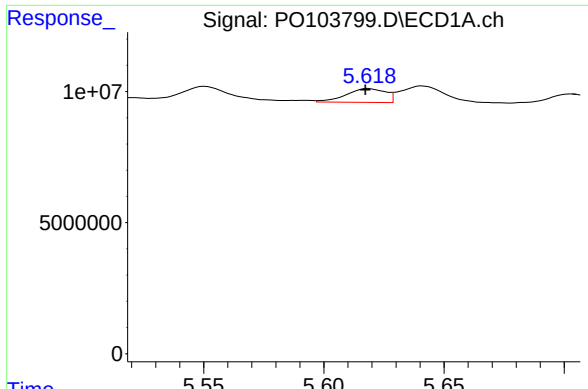
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 3735167
Conc: 26.09 ng/ml



#20 AR-1242-5

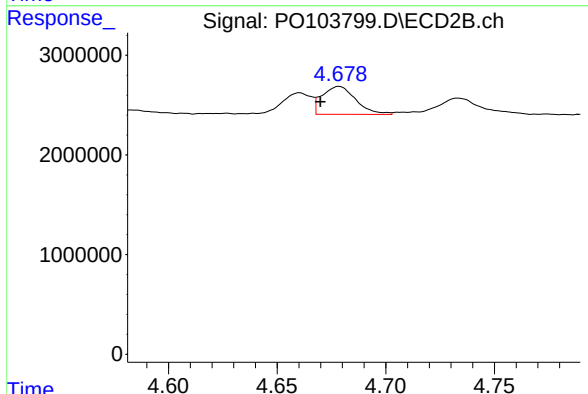
R.T.: 5.451 min
Delta R.T.: -0.012 min
Response: 1851006
Conc: 30.28 ng/ml



#21 AR-1248-1

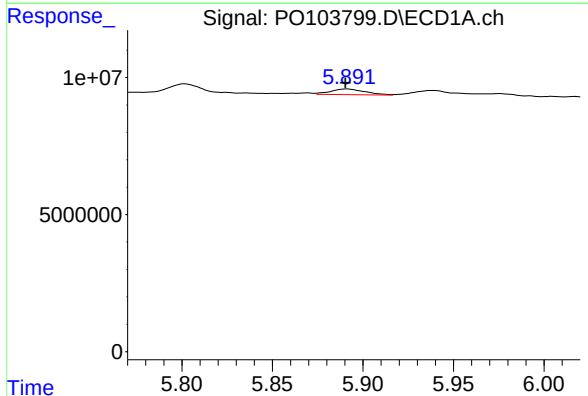
R.T.: 5.619 min
Delta R.T.: 0.001 min
Response: 6009074
Conc: 39.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



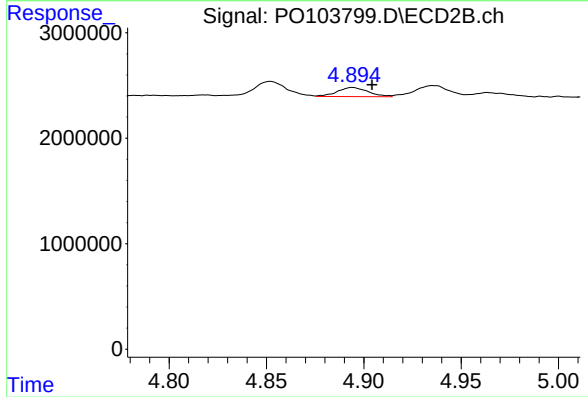
#21 AR-1248-1

R.T.: 4.679 min
Delta R.T.: 0.009 min
Response: 3011966
Conc: 59.69 ng/ml



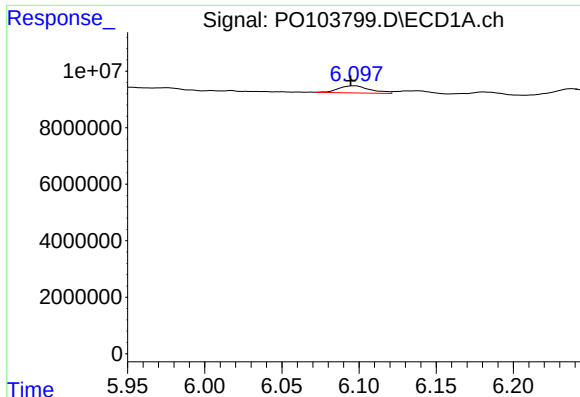
#22 AR-1248-2

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2694664
Conc: 13.10 ng/ml



#22 AR-1248-2

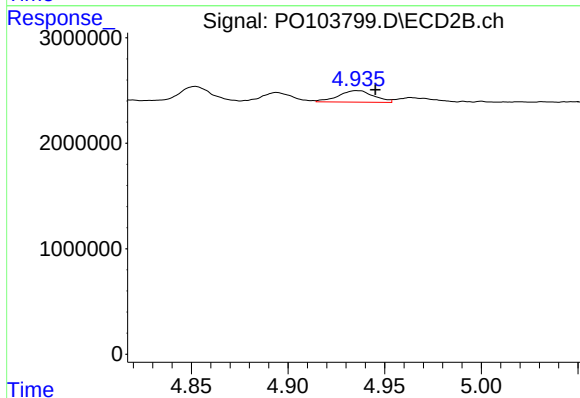
R.T.: 4.894 min
Delta R.T.: -0.010 min
Response: 956308
Conc: 14.52 ng/ml



#23 AR-1248-3

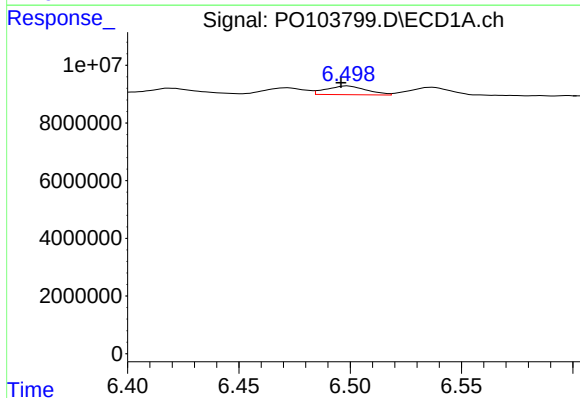
R.T.: 6.097 min
Delta R.T.: 0.003 min
Response: 3612690
Conc: 16.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



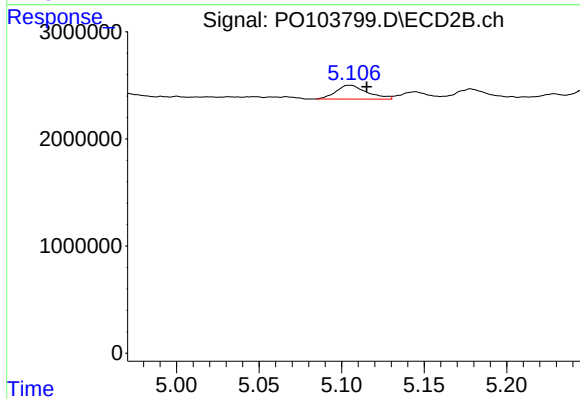
#23 AR-1248-3

R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 1393155
Conc: 19.25 ng/ml



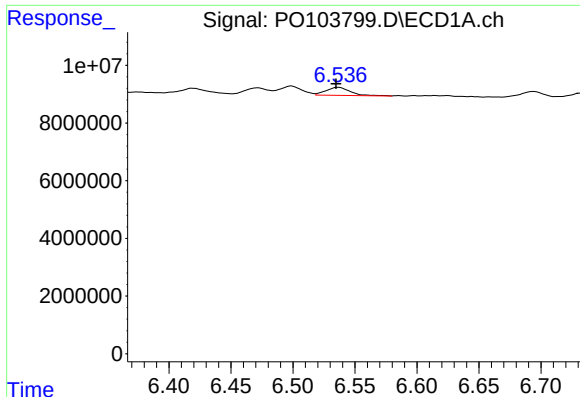
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: 0.003 min
Response: 3788579
Conc: 14.72 ng/ml



#24 AR-1248-4

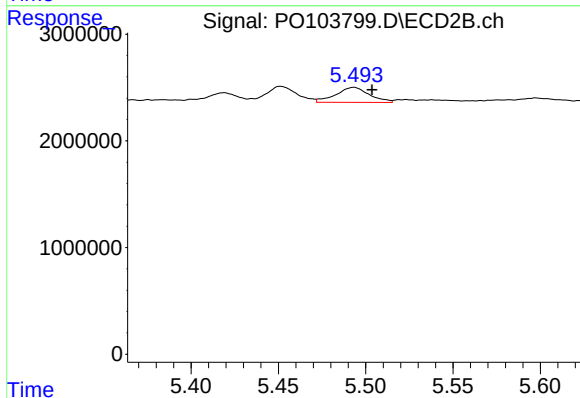
R.T.: 5.105 min
Delta R.T.: -0.010 min
Response: 1687813
Conc: 19.97 ng/ml



#25 AR-1248-5

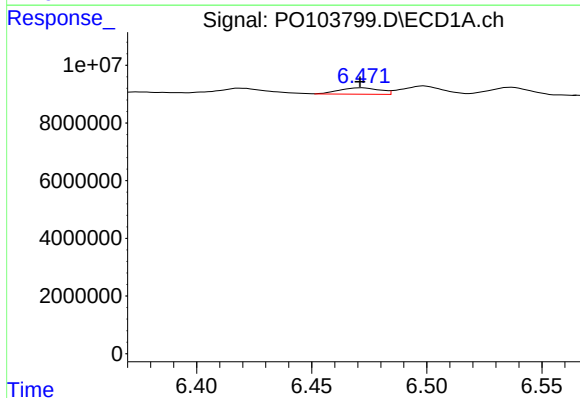
R.T.: 6.537 min
Delta R.T.: 0.002 min
Response: 3735167
Conc: 15.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



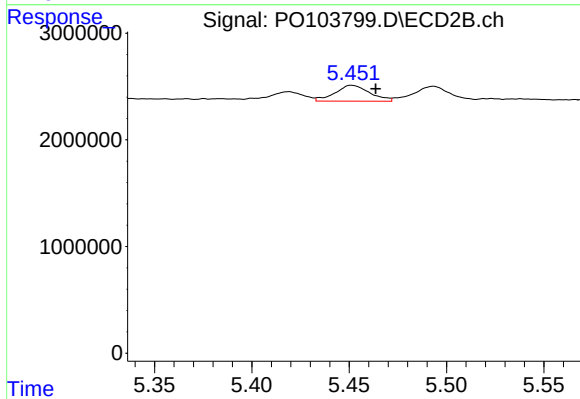
#25 AR-1248-5

R.T.: 5.493 min
Delta R.T.: -0.010 min
Response: 1866698
Conc: 21.26 ng/ml



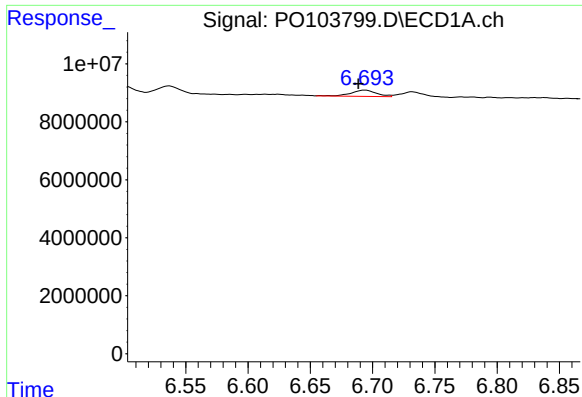
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 2751933
Conc: 11.18 ng/ml



#26 AR-1254-1

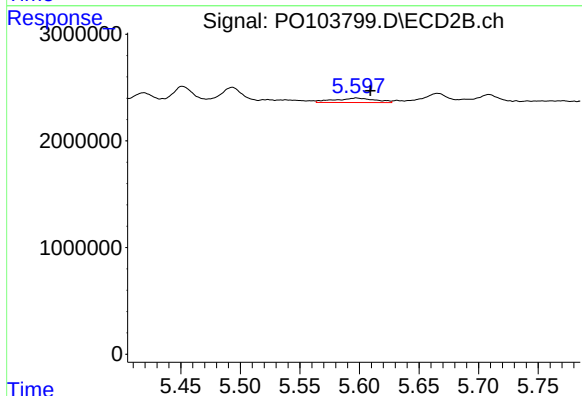
R.T.: 5.451 min
Delta R.T.: -0.012 min
Response: 1851006
Conc: 15.19 ng/ml



#27 AR-1254-2

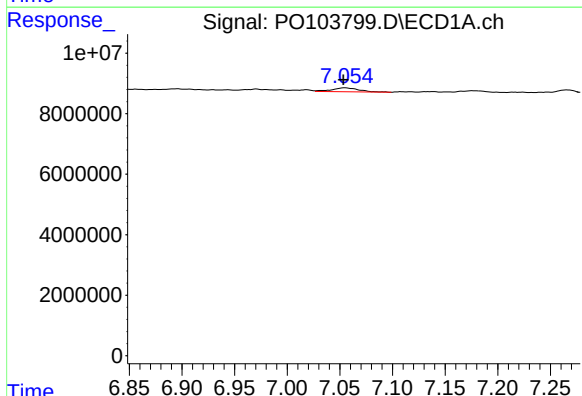
R.T.: 6.694 min
Delta R.T.: 0.005 min
Response: 3089313
Conc: 8.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



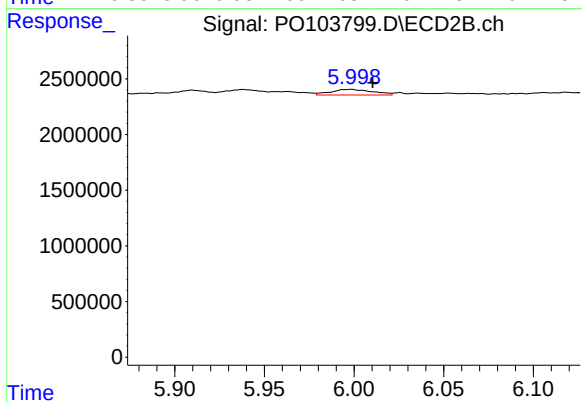
#27 AR-1254-2

R.T.: 5.597 min
Delta R.T.: -0.012 min
Response: 1018178
Conc: 9.64 ng/ml



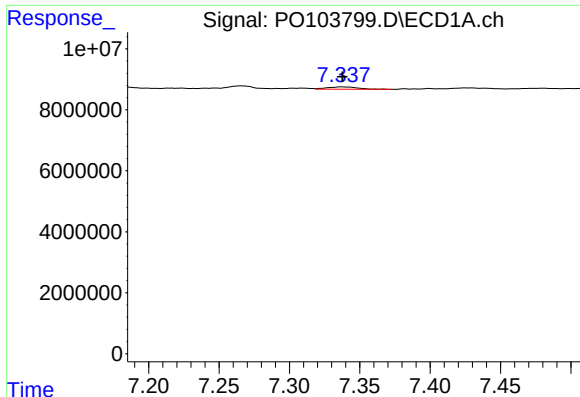
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 2372488
Conc: 6.52 ng/ml



#28 AR-1254-3

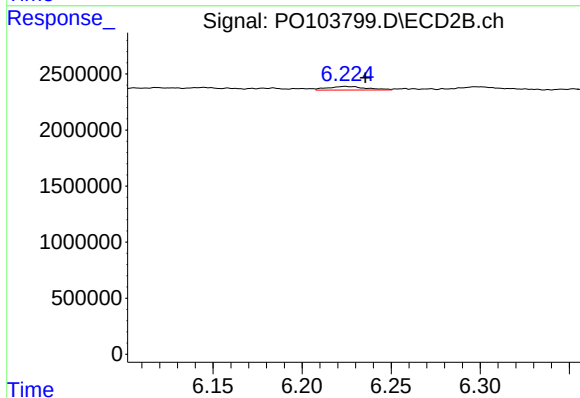
R.T.: 5.998 min
Delta R.T.: -0.012 min
Response: 814615
Conc: 4.74 ng/ml



#29 AR-1254-4

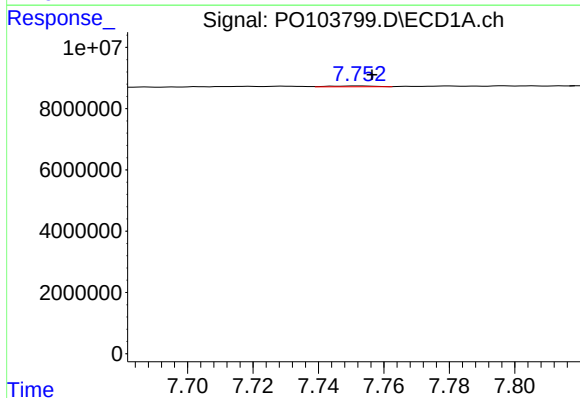
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 1122418
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



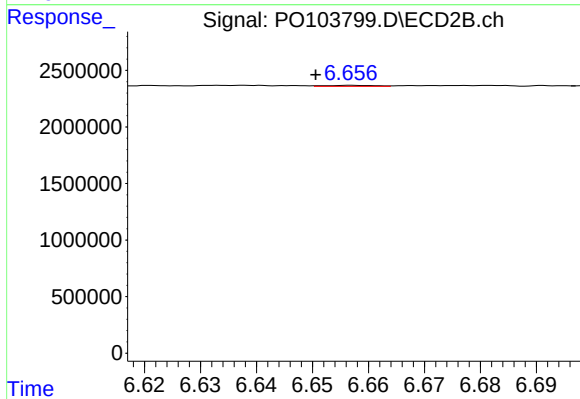
#29 AR-1254-4

R.T.: 6.224 min
Delta R.T.: -0.011 min
Response: 487183
Conc: 4.73 ng/ml



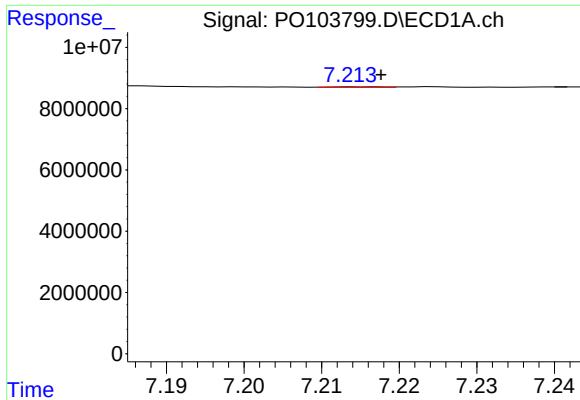
#30 AR-1254-5

R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 254794
Conc: 0.96 ng/ml



#30 AR-1254-5

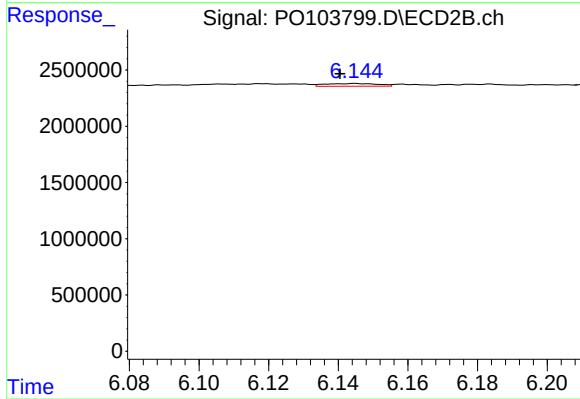
R.T.: 6.657 min
Delta R.T.: 0.006 min
Response: 58473
Conc: 0.42 ng/ml



#31 AR-1260-1

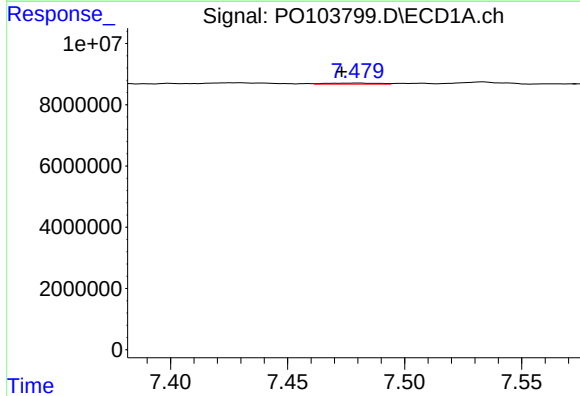
R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 90310
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



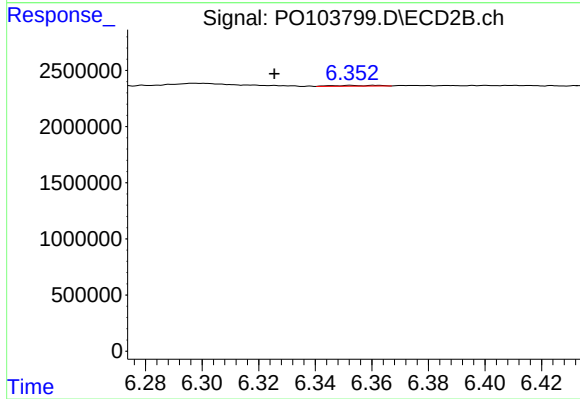
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: 0.004 min
Response: 258613
Conc: 2.45 ng/ml



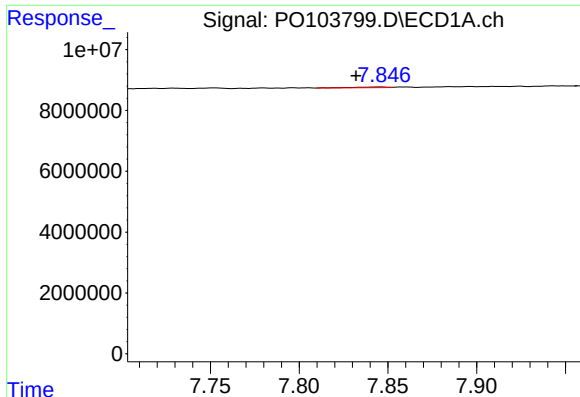
#32 AR-1260-2

R.T.: 7.480 min
Delta R.T.: 0.007 min
Response: 512309
Conc: 1.57 ng/ml



#32 AR-1260-2

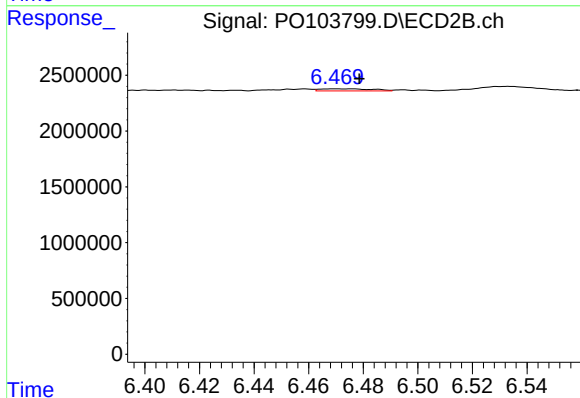
R.T.: 6.353 min
Delta R.T.: 0.027 min
Response: 73919
Conc: 0.59 ng/ml



#33 AR-1260-3

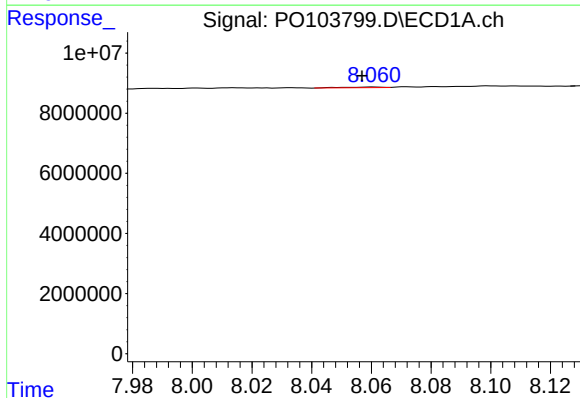
R.T.: 7.846 min
Delta R.T.: 0.014 min
Response: 321369
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



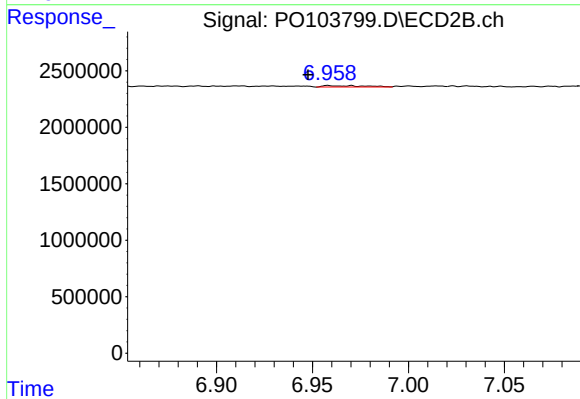
#33 AR-1260-3

R.T.: 6.470 min
Delta R.T.: -0.009 min
Response: 251176
Conc: 2.13 ng/ml



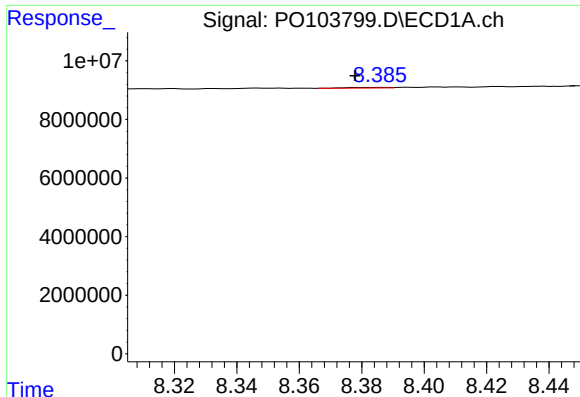
#34 AR-1260-4

R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 224287
Conc: 0.92 ng/ml



#34 AR-1260-4

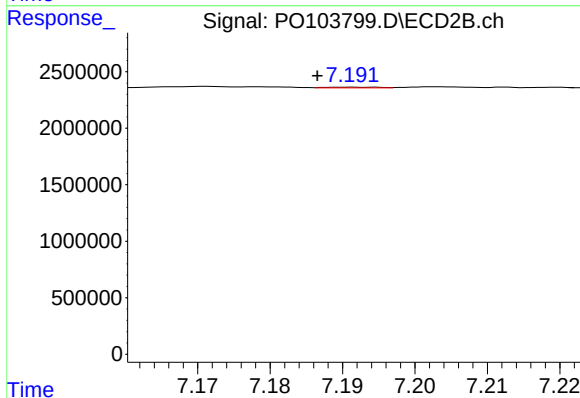
R.T.: 6.958 min
Delta R.T.: 0.010 min
Response: 180415
Conc: 2.02 ng/ml



#35 AR-1260-5

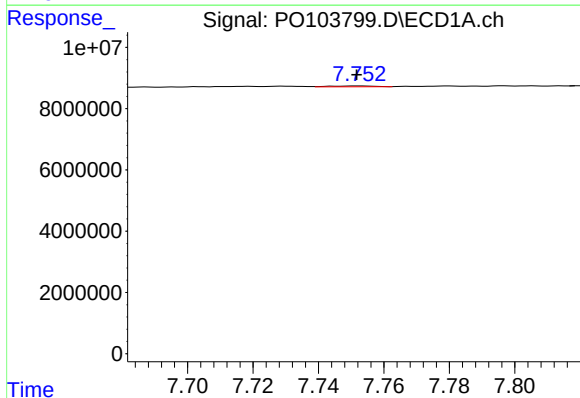
R.T.: 8.386 min
Delta R.T.: 0.009 min
Response: 190558
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



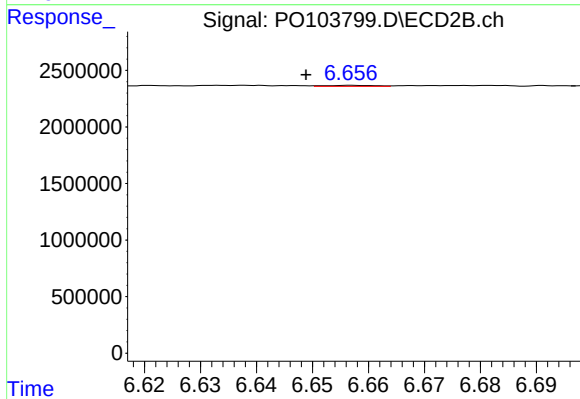
#35 AR-1260-5

R.T.: 7.191 min
Delta R.T.: 0.005 min
Response: 34530
Conc: 0.17 ng/ml



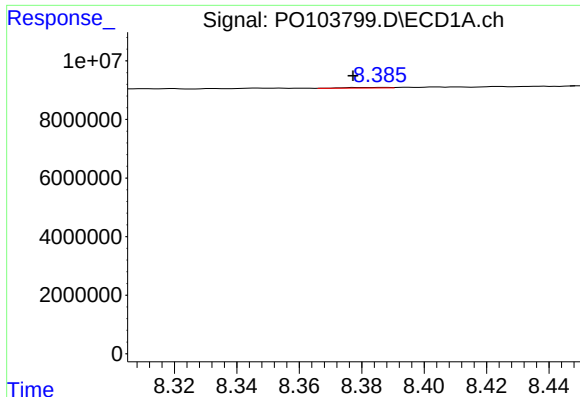
#36 AR-1262-1

R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 254794
Conc: 1.11 ng/ml



#36 AR-1262-1

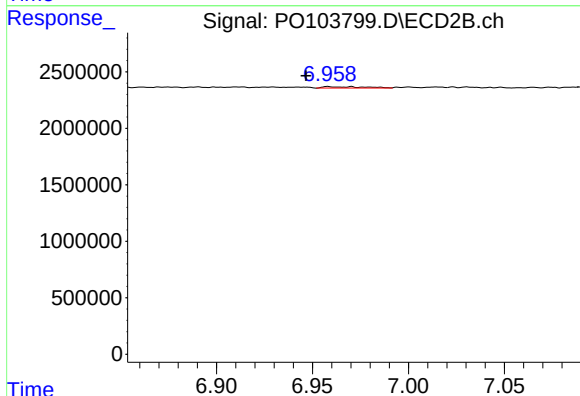
R.T.: 6.657 min
Delta R.T.: 0.008 min
Response: 58473
Conc: 0.76 ng/ml



#37 AR-1262-2

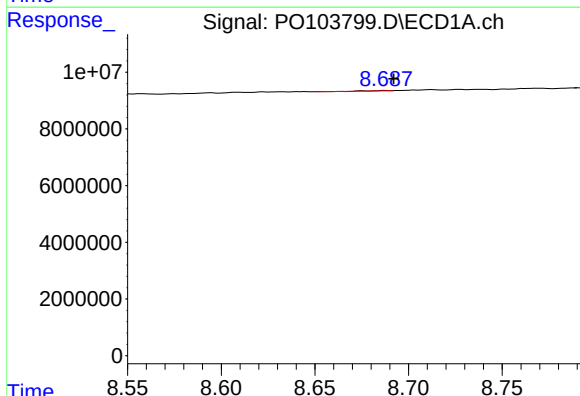
R.T.: 8.386 min
Delta R.T.: 0.009 min
Response: 190558
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



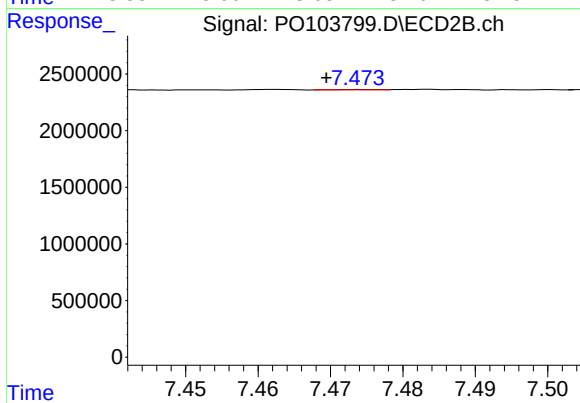
#37 AR-1262-2

R.T.: 6.958 min
Delta R.T.: 0.011 min
Response: 180415
Conc: 1.53 ng/ml



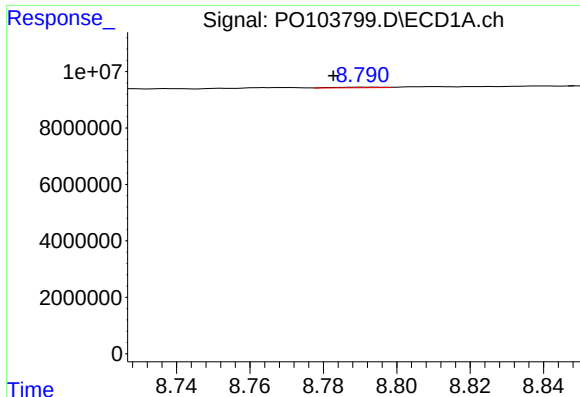
#38 AR-1262-3

R.T.: 8.687 min
Delta R.T.: -0.005 min
Response: 97691
Conc: 0.23 ng/ml



#38 AR-1262-3

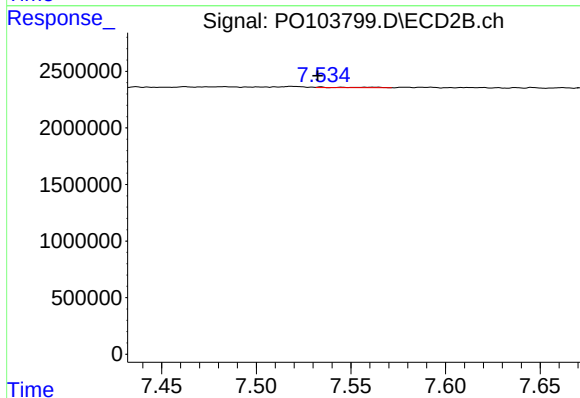
R.T.: 7.474 min
Delta R.T.: 0.005 min
Response: 13435
Conc: 0.15 ng/ml



#39 AR-1262-4

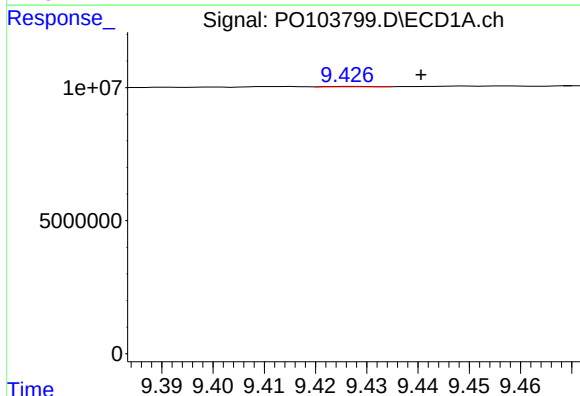
R.T.: 8.791 min
Delta R.T.: 0.008 min
Response: 201431
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



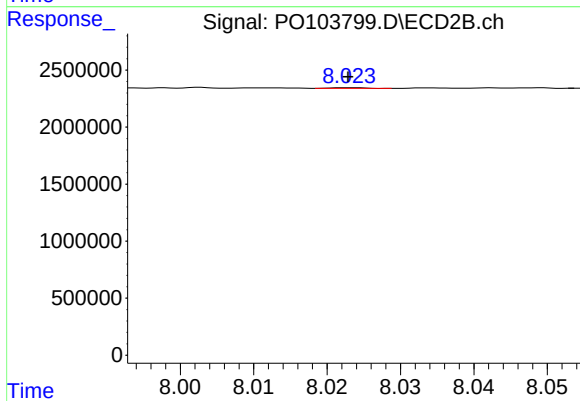
#39 AR-1262-4

R.T.: 7.534 min
Delta R.T.: 0.002 min
Response: 44979
Conc: 0.27 ng/ml



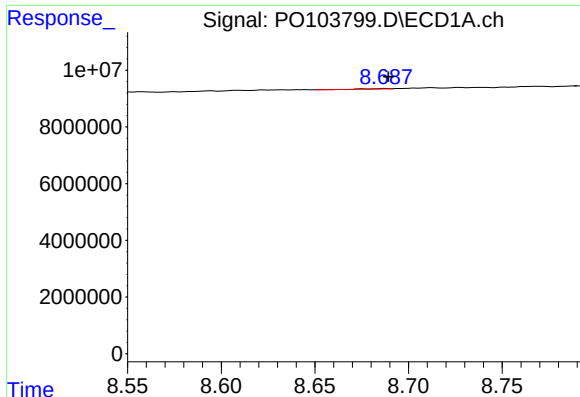
#40 AR-1262-5

R.T.: 9.427 min
Delta R.T.: -0.013 min
Response: 83842
Conc: 0.35 ng/ml



#40 AR-1262-5

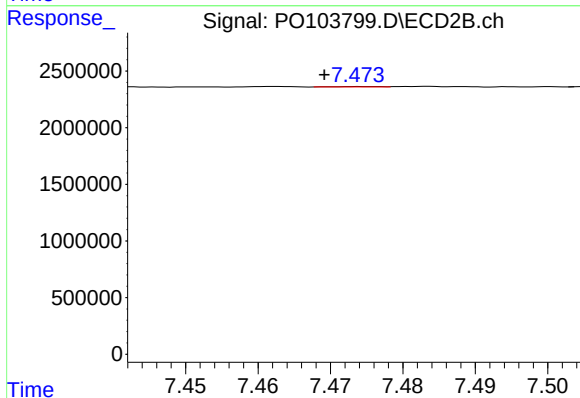
R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 16850
Conc: 0.23 ng/ml



#41 AR-1268-1

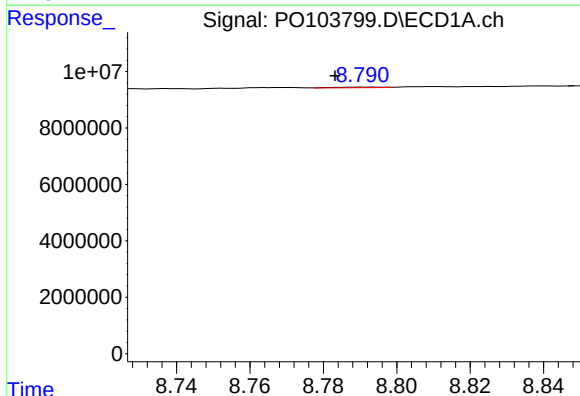
R.T.: 8.687 min
Delta R.T.: -0.002 min
Response: 97691
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



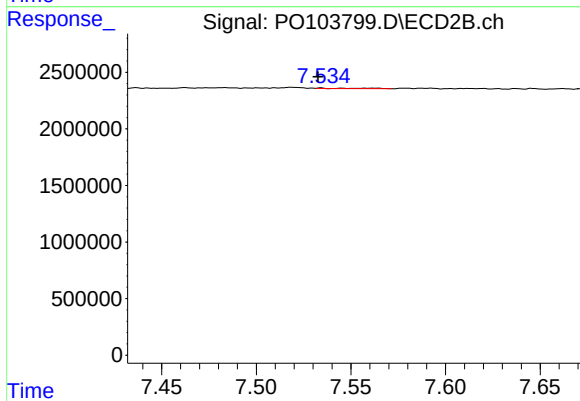
#41 AR-1268-1

R.T.: 7.474 min
Delta R.T.: 0.005 min
Response: 13435
Conc: 0.05 ng/ml



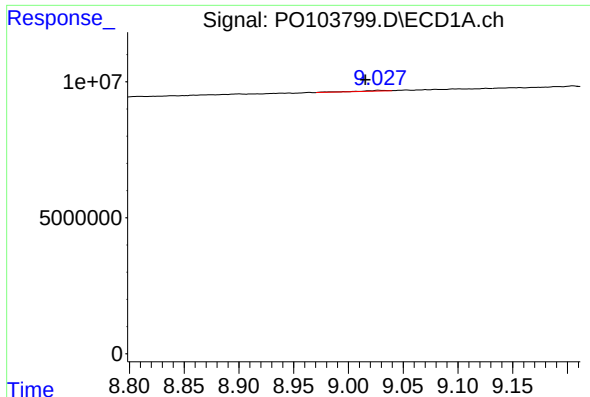
#42 AR-1268-2

R.T.: 8.791 min
Delta R.T.: 0.008 min
Response: 201431
Conc: 0.28 ng/ml



#42 AR-1268-2

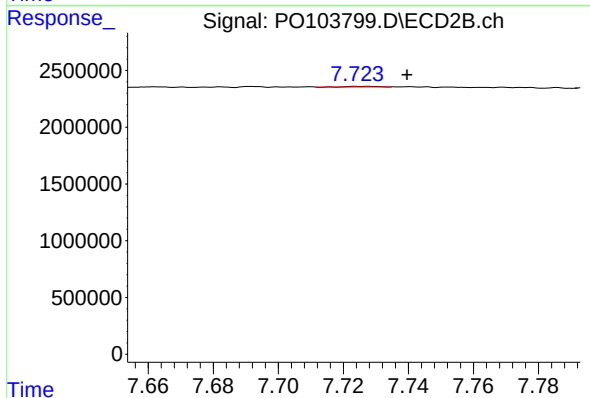
R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 44979
Conc: 0.18 ng/ml



#43 AR-1268-3

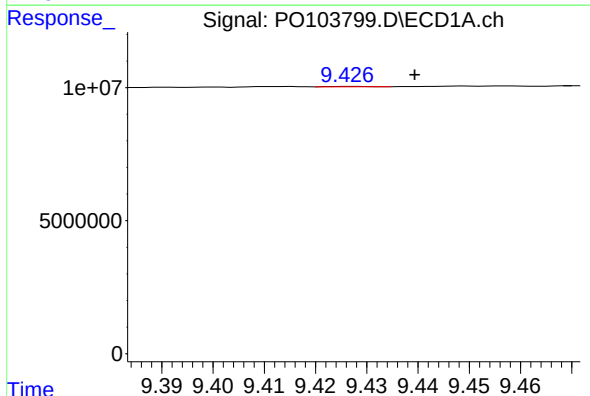
R.T.: 9.028 min
Delta R.T.: 0.012 min
Response: 568186
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



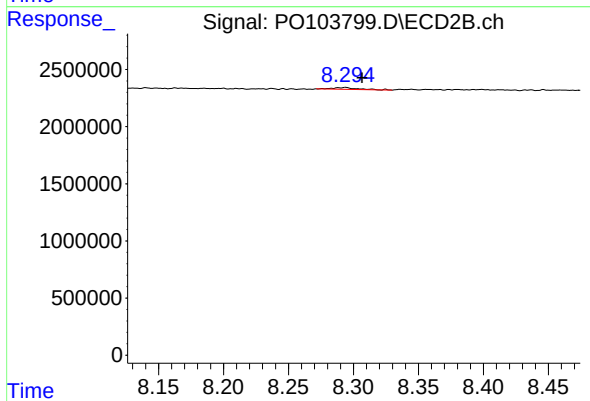
#43 AR-1268-3

R.T.: 7.728 min
Delta R.T.: -0.012 min
Response: 22920
Conc: 0.11 ng/ml



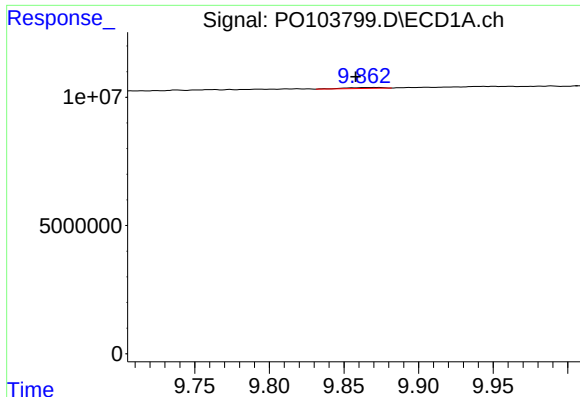
#44 AR-1268-4

R.T.: 9.427 min
Delta R.T.: -0.012 min
Response: 83842
Conc: 0.33 ng/ml



#44 AR-1268-4

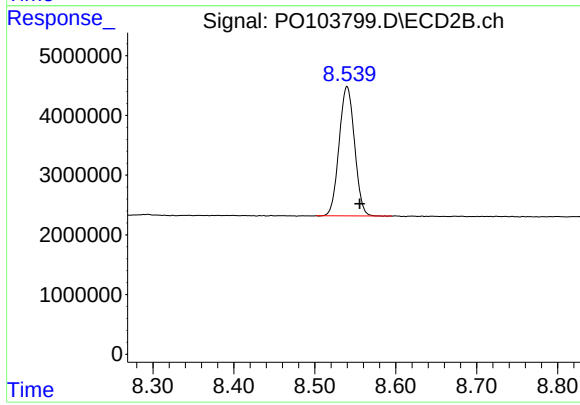
R.T.: 8.294 min
Delta R.T.: -0.013 min
Response: 208873
Conc: 0.39 ng/ml



#45 AR-1268-5

R.T.: 9.873 min
Delta R.T.: 0.015 min
Response: 646001
Conc: 0.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.540 min
Delta R.T.: -0.016 min
Response: 28672499
Conc: 123.19 ng/ml