

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111523\
 Data File : P0099799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 18:38
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:10:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 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...	4.489	3.716	80390985	62699915	47.009	53.081
2) SA Decachlor...	10.369	8.817	48178261	48625578	51.601	49.540
Target Compounds						
3) L1 AR-1016-1	5.673	4.821	670144	570663	15.147	21.423 #
4) L1 AR-1016-2	5.701	4.839	772847	412353	11.320	11.120
5) L1 AR-1016-3	5.762	5.022	404251	629321	8.845	31.873 #
6) L1 AR-1016-4	5.859	5.061	364156	9446352	10.550	560.475 #
7) L1 AR-1016-5	6.158	5.278	7637679	5514489	228.875	276.529
8) L2 AR-1221-1	4.699	3.946	34117	120589	1.625	7.986 #
9) L2 AR-1221-2	4.799	4.021	1355418	876164	88.242	82.915
10) L2 AR-1221-3	4.867	4.096	180111	178637	3.999	5.864 #
11) L3 AR-1232-1	4.867	4.096	180111	178637	4.875	6.970 #
12) L3 AR-1232-2	5.402	4.839	311364	412353	16.911	23.147 #
13) L3 AR-1232-3	5.701	5.022	772847	629321	24.485	68.653 #
14) L3 AR-1232-4	5.859	5.103	364156	3208070	23.819	376.274 #
15) L3 AR-1232-5	5.951	5.278	13417669	5514489	1043.867	600.998 #
16) L4 AR-1242-1	5.673	4.821	670144	570663	18.293	24.841 #
17) L4 AR-1242-2	5.701	4.839	772847	412353	13.645	13.126
18) L4 AR-1242-3	5.762	5.022	404251	629321	10.668	37.604 #
19) L4 AR-1242-4	5.859	5.103	364156	3208070	12.697	185.658 #
20) L4 AR-1242-5	6.610	5.635	7299556	21900497	296.996	1100.821 #
21) L5 AR-1248-1	5.673	4.821	670144	570663	24.938	32.615 #
22) L5 AR-1248-2	5.951	5.061	13417669	9446352	315.846	393.010
23) L5 AR-1248-3	6.158	5.103	7637679	3208070	165.997	129.852
24) L5 AR-1248-4	6.566	5.278	10081667	5514489	243.047	195.318
25) L5 AR-1248-5	6.610	5.676	7299556	2605496	179.097	102.525 #
26) L6 AR-1254-1	6.541	5.635	23811283	21900497	491.791	528.848
27) L6 AR-1254-2	6.762	5.784	34892494	20090892	494.477	529.039
28) L6 AR-1254-3	7.132	6.194	34979952	33940741	515.274	524.961
29) L6 AR-1254-4	7.421	6.423	22613141	19229332	570.468	561.172
30) L6 AR-1254-5	7.844	6.846	25806527	31955178	525.519	521.002
31) L7 AR-1260-1	7.299	6.325	14842184	17011628	265.999	353.381 #
32) L7 AR-1260-2	7.558	6.514	14510797	13675222	240.537	241.135
33) L7 AR-1260-3	7.906	6.670	3730387	14592004	89.249	263.973 #
34) L7 AR-1260-4	8.137	7.147	9657142	1644665	196.098	37.320 #
35) L7 AR-1260-5	8.479	7.388	2409521	3937189	28.716	39.616 #
36) L8 AR-1262-1	7.844	6.846	25806527	31955178	575.897	982.076 #
37) L8 AR-1262-2	8.479	7.147	2409521	1644665	23.388	25.161
38) L8 AR-1262-3	8.818	7.682	2799171	59436	38.158	1.156 #
39) L8 AR-1262-4	8.871	7.738	1075875	3747175	18.555	42.051 #
40) L8 AR-1262-5	9.648f	8.246	1154627	205140	35.274	5.263 #
41) L9 AR-1268-1	8.818	7.682	2799171	59436	21.054	0.415 #

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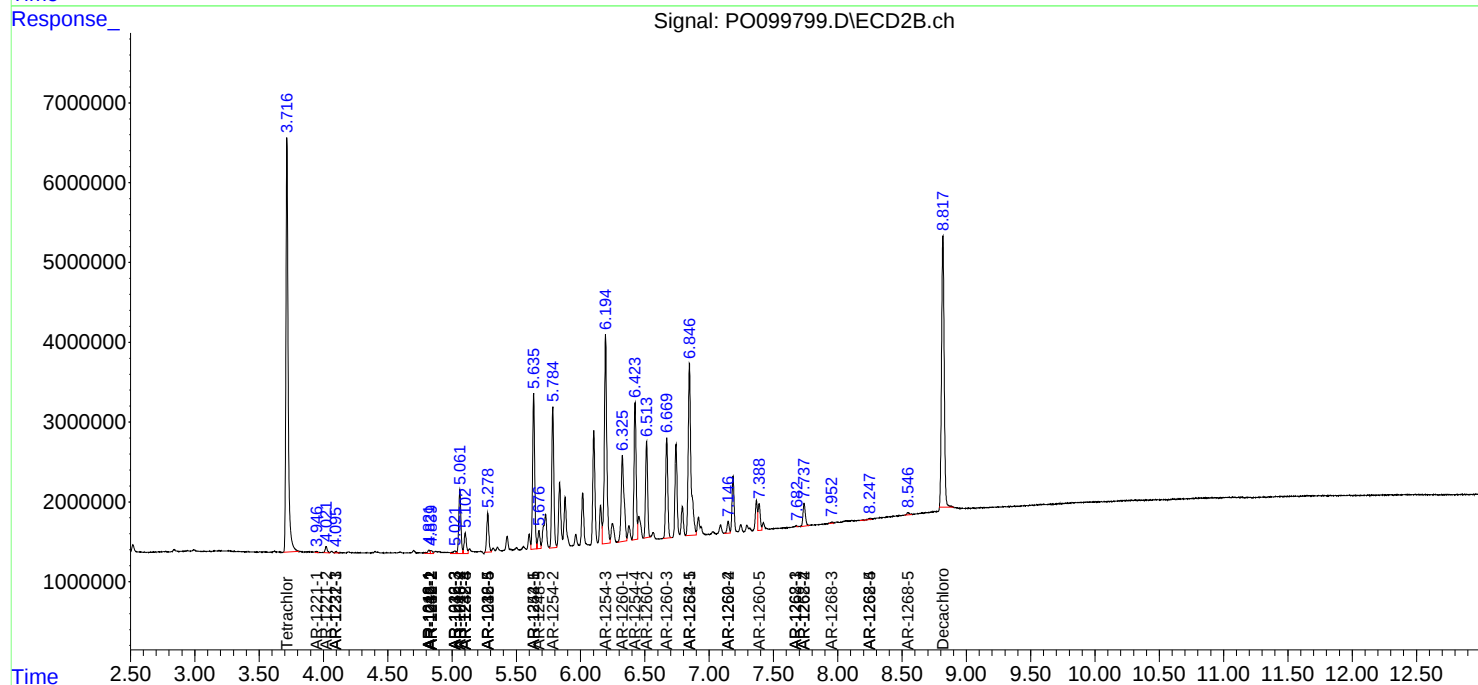
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

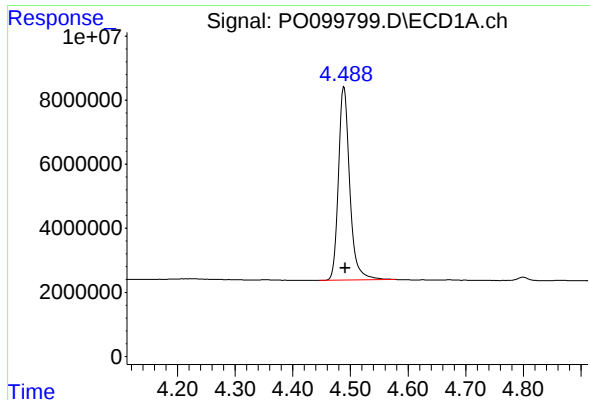
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.871	7.738	1075875	3747175	9.377	28.771 #
43) L9	AR-1268-3	9.173	7.952	215158	146741	1.975	1.206 #
44) L9	AR-1268-4	9.648f	8.246	1154627	205140	33.058	4.759 #
45) L9	AR-1268-5	10.020	8.547	464067	358408	1.450	1.031 #

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

Instrument :
ECD_O
ClientSampleId :

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

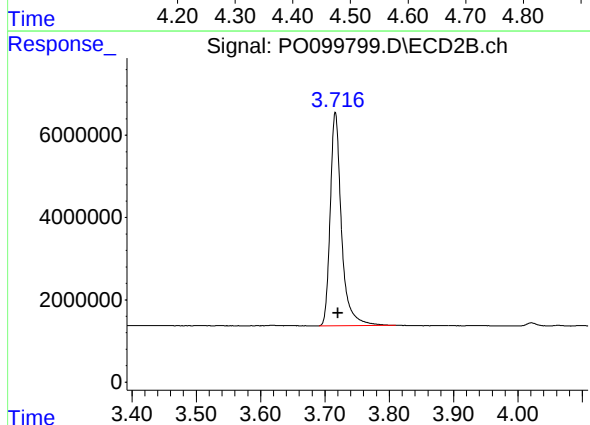




#1 Tetrachloro-m-xylene

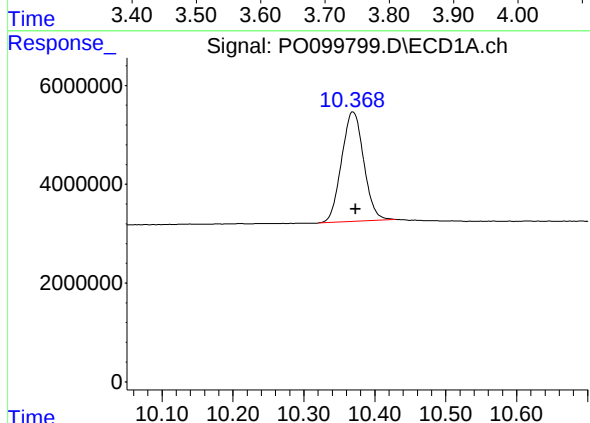
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 80390985
Conc: 47.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



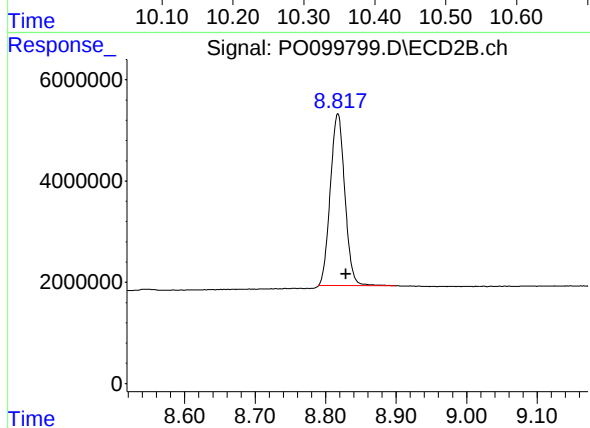
#1 Tetrachloro-m-xylene

R.T.: 3.716 min
Delta R.T.: -0.004 min
Response: 62699915
Conc: 53.08 ng/ml



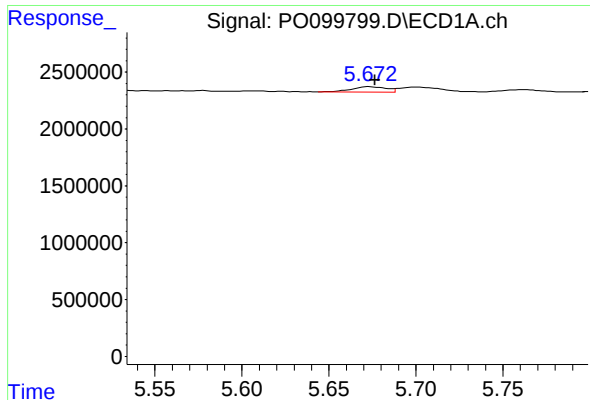
#2 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: -0.004 min
Response: 48178261
Conc: 51.60 ng/ml



#2 Decachlorobiphenyl

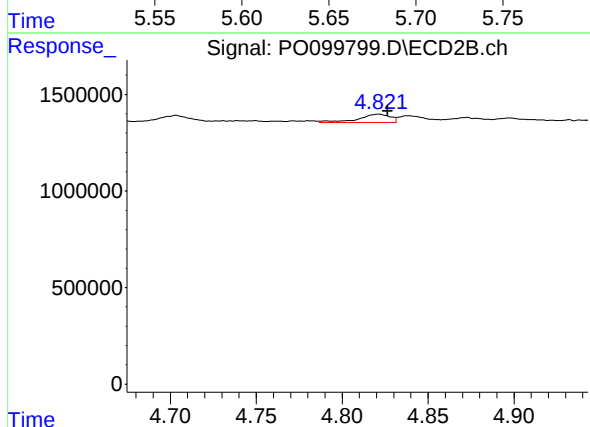
R.T.: 8.817 min
Delta R.T.: -0.011 min
Response: 48625578
Conc: 49.54 ng/ml



#3 AR-1016-1

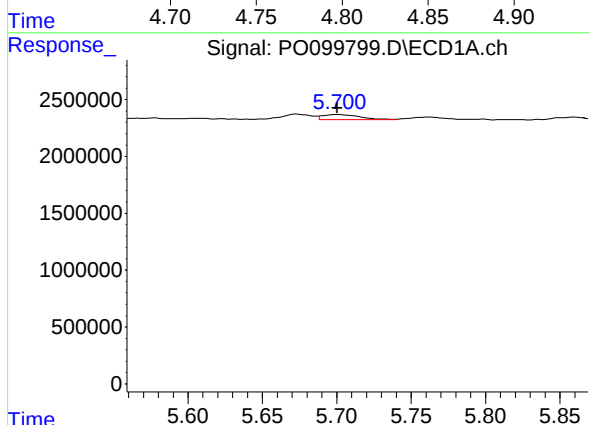
R.T.: 5.673 min
Delta R.T.: -0.003 min
Response: 670144
Conc: 15.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



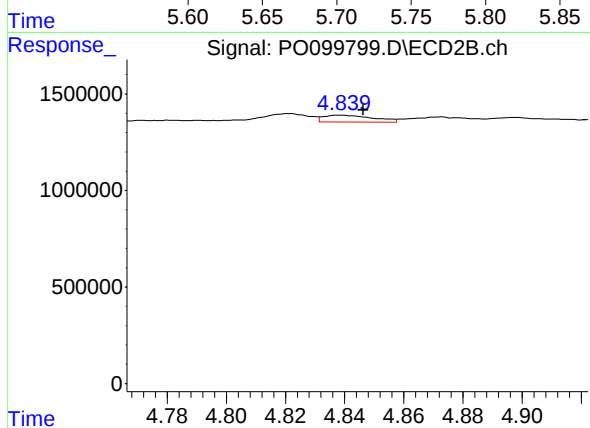
#3 AR-1016-1

R.T.: 4.821 min
Delta R.T.: -0.005 min
Response: 570663
Conc: 21.42 ng/ml



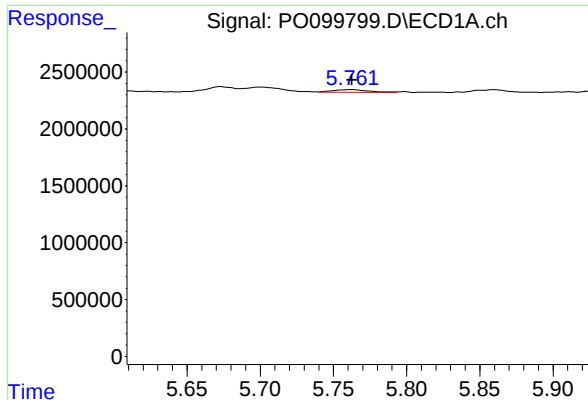
#4 AR-1016-2

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 772847
Conc: 11.32 ng/ml



#4 AR-1016-2

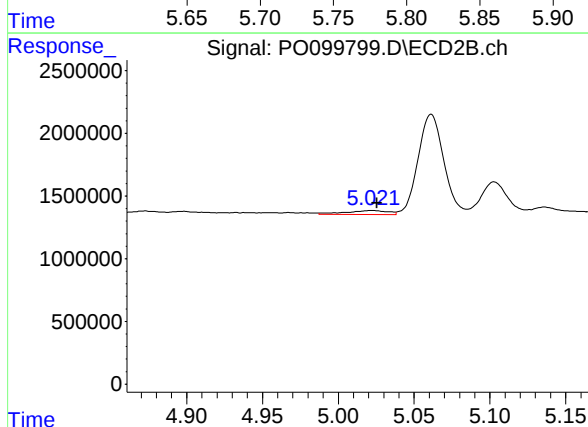
R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 412353
Conc: 11.12 ng/ml



#5 AR-1016-3

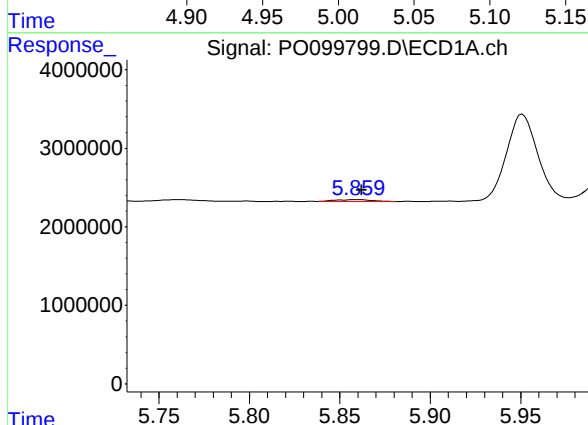
R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 404251
Conc: 8.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



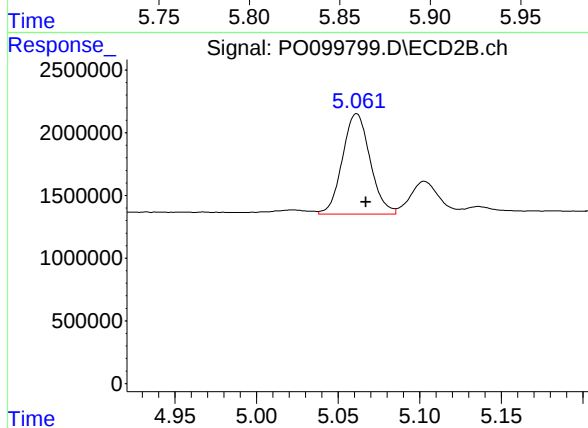
#5 AR-1016-3

R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 629321
Conc: 31.87 ng/ml



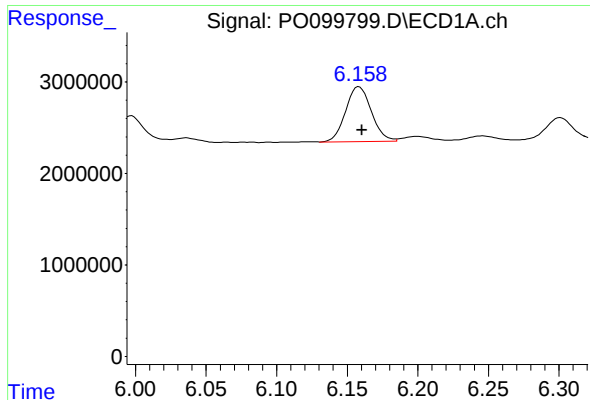
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 364156
Conc: 10.55 ng/ml



#6 AR-1016-4

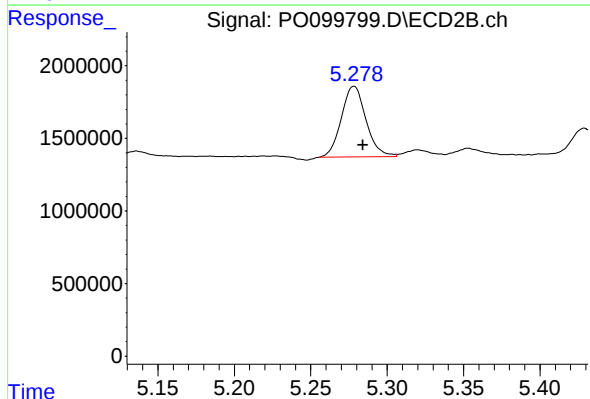
R.T.: 5.061 min
Delta R.T.: -0.006 min
Response: 9446352
Conc: 560.47 ng/ml



#7 AR-1016-5

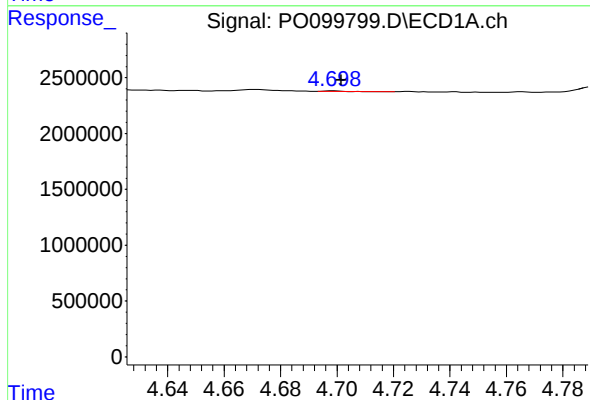
R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 7637679
Conc: 228.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



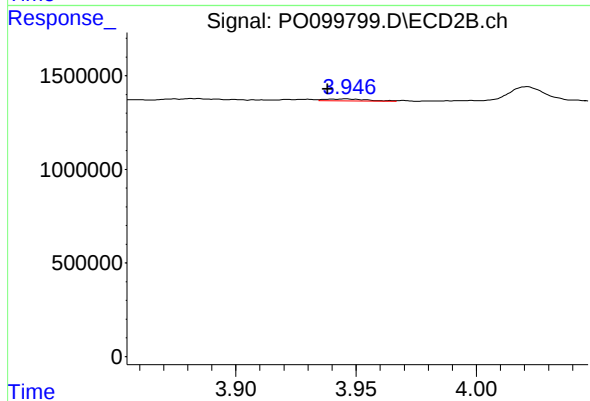
#7 AR-1016-5

R.T.: 5.278 min
Delta R.T.: -0.006 min
Response: 5514489
Conc: 276.53 ng/ml



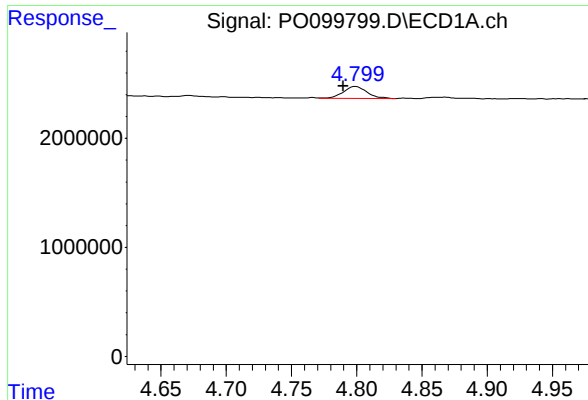
#8 AR-1221-1

R.T.: 4.699 min
Delta R.T.: -0.003 min
Response: 34117
Conc: 1.62 ng/ml



#8 AR-1221-1

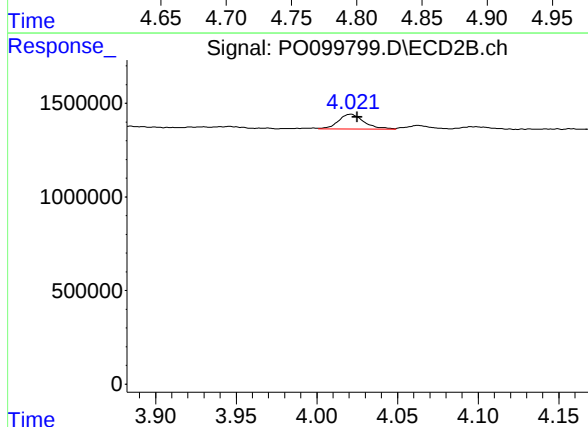
R.T.: 3.946 min
Delta R.T.: 0.008 min
Response: 120589
Conc: 7.99 ng/ml



#9 AR-1221-2

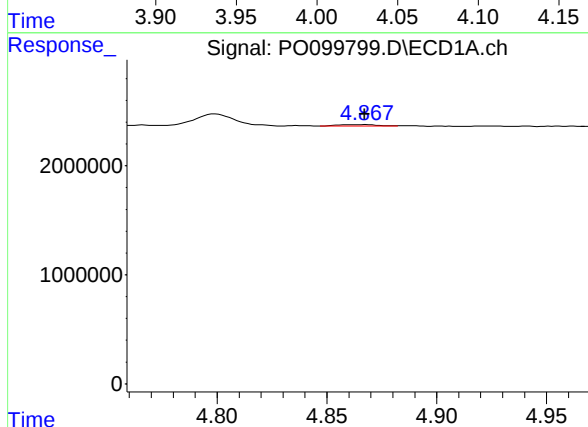
R.T.: 4.799 min
Delta R.T.: 0.009 min
Response: 1355418
Conc: 88.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



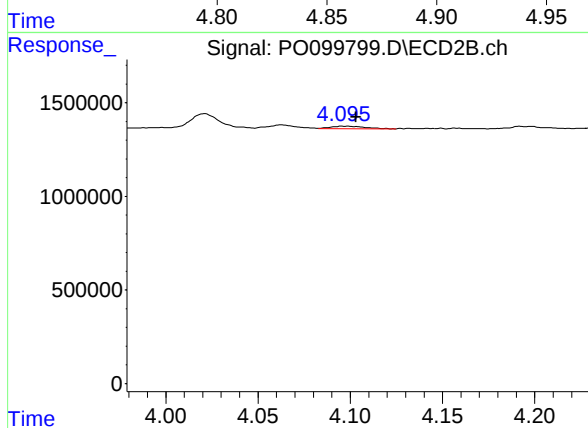
#9 AR-1221-2

R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 876164
Conc: 82.92 ng/ml



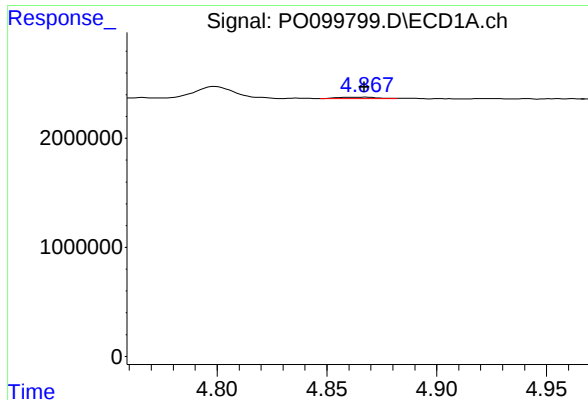
#10 AR-1221-3

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 180111
Conc: 4.00 ng/ml



#10 AR-1221-3

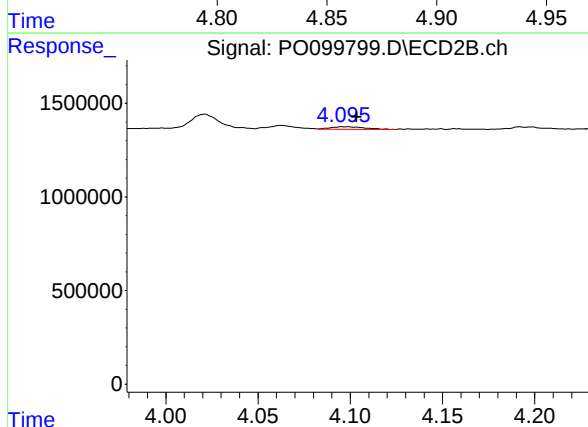
R.T.: 4.096 min
Delta R.T.: -0.007 min
Response: 178637
Conc: 5.86 ng/ml



#11 AR-1232-1

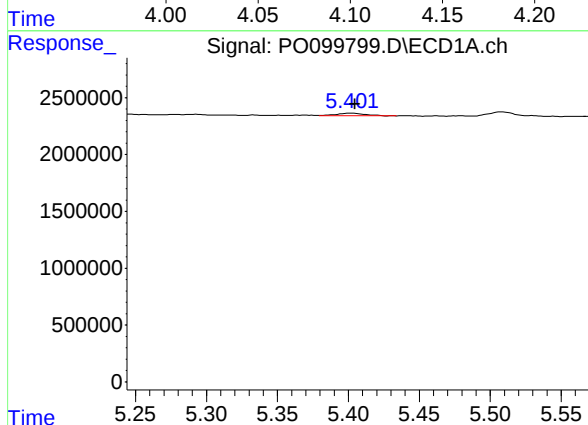
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 180111
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



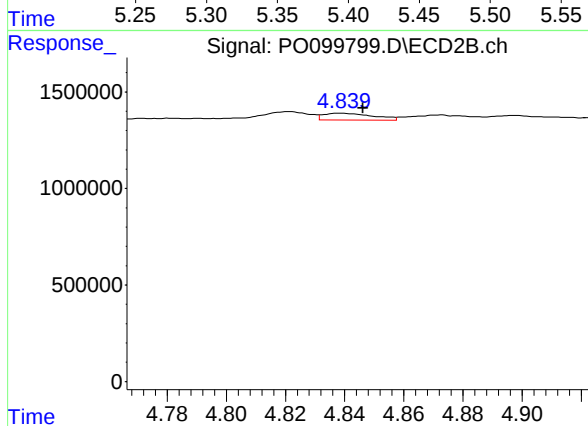
#11 AR-1232-1

R.T.: 4.096 min
Delta R.T.: -0.007 min
Response: 178637
Conc: 6.97 ng/ml



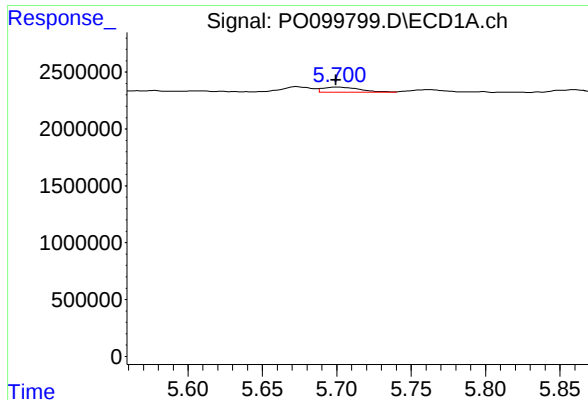
#12 AR-1232-2

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 311364
Conc: 16.91 ng/ml



#12 AR-1232-2

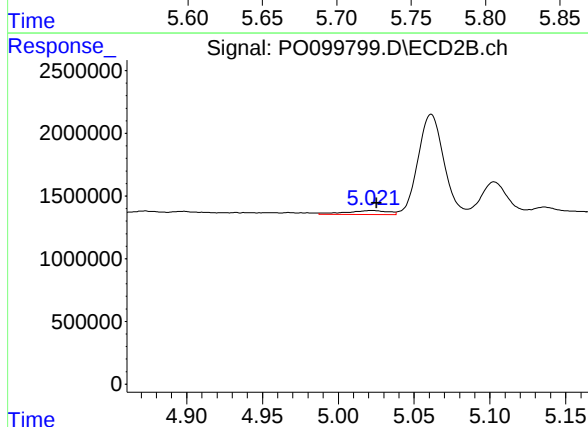
R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 412353
Conc: 23.15 ng/ml



#13 AR-1232-3

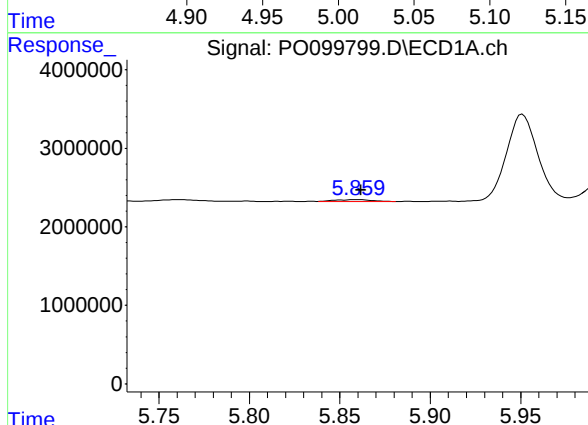
R.T.: 5.701 min
Delta R.T.: 0.001 min
Response: 772847
Conc: 24.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



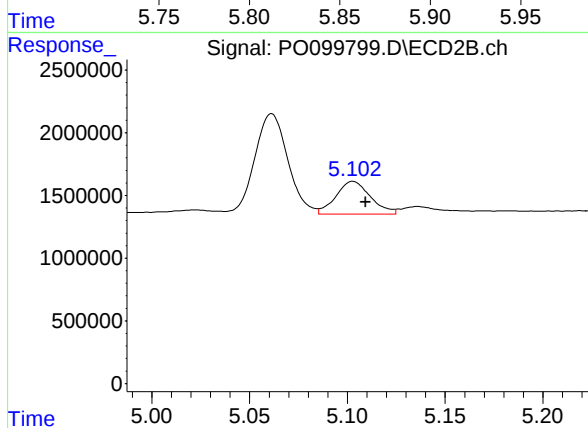
#13 AR-1232-3

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 629321
Conc: 68.65 ng/ml



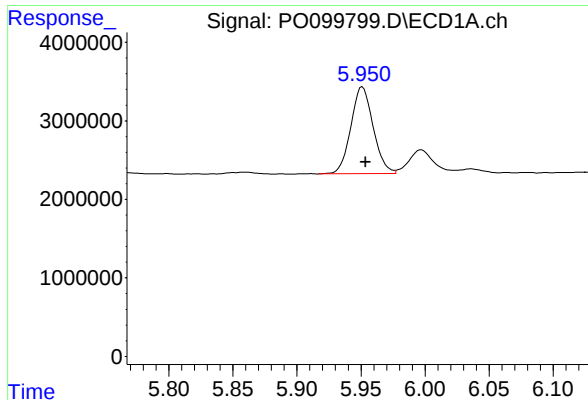
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 364156
Conc: 23.82 ng/ml



#14 AR-1232-4

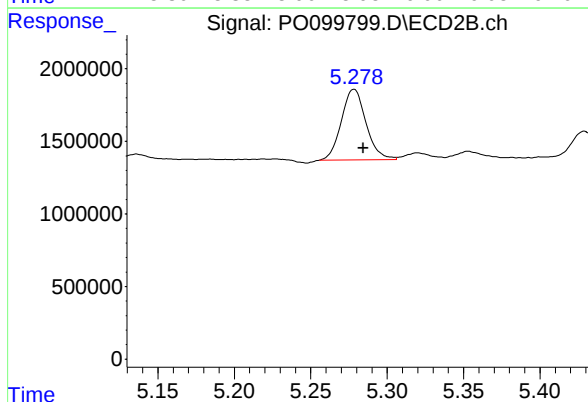
R.T.: 5.103 min
Delta R.T.: -0.007 min
Response: 3208070
Conc: 376.27 ng/ml



#15 AR-1232-5

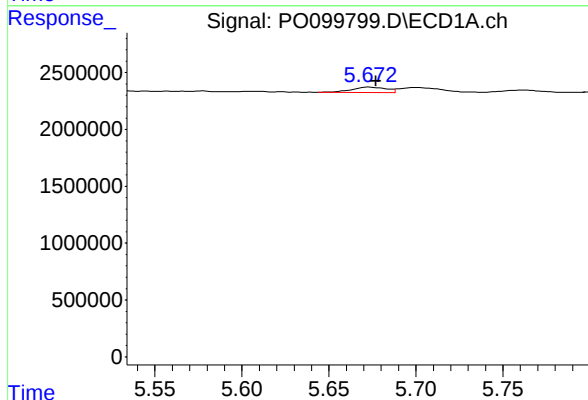
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 13417669
Conc: 1043.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



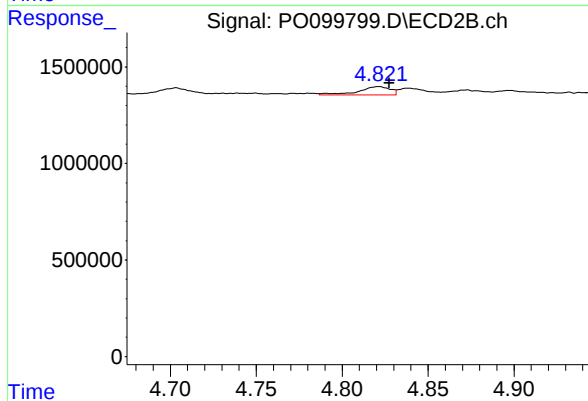
#15 AR-1232-5

R.T.: 5.278 min
Delta R.T.: -0.006 min
Response: 5514489
Conc: 601.00 ng/ml



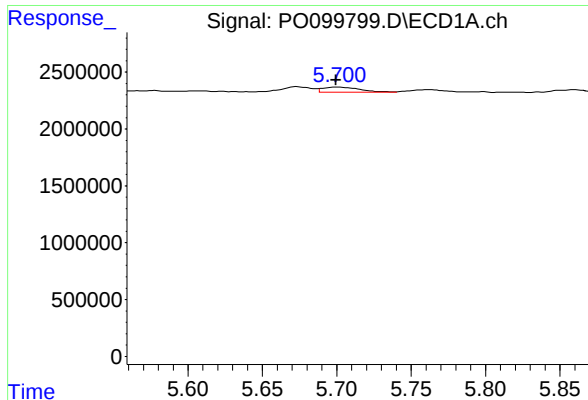
#16 AR-1242-1

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 670144
Conc: 18.29 ng/ml



#16 AR-1242-1

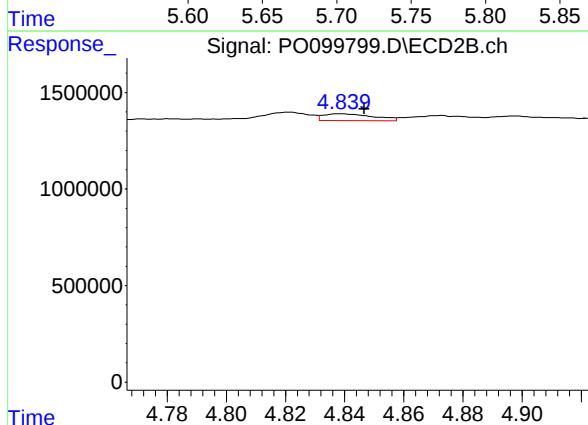
R.T.: 4.821 min
Delta R.T.: -0.006 min
Response: 570663
Conc: 24.84 ng/ml



#17 AR-1242-2

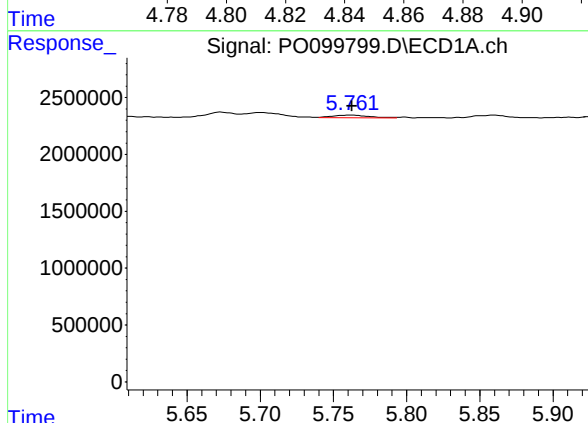
R.T.: 5.701 min
Delta R.T.: 0.001 min
Response: 772847
Conc: 13.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



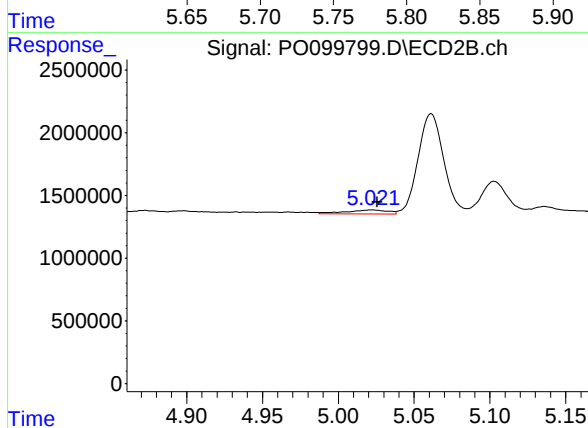
#17 AR-1242-2

R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 412353
Conc: 13.13 ng/ml



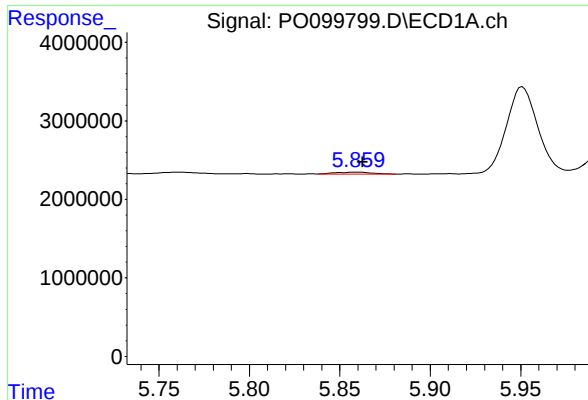
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 404251
Conc: 10.67 ng/ml



#18 AR-1242-3

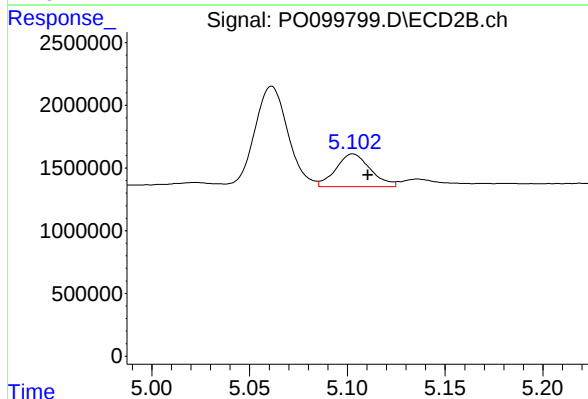
R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 629321
Conc: 37.60 ng/ml



#19 AR-1242-4

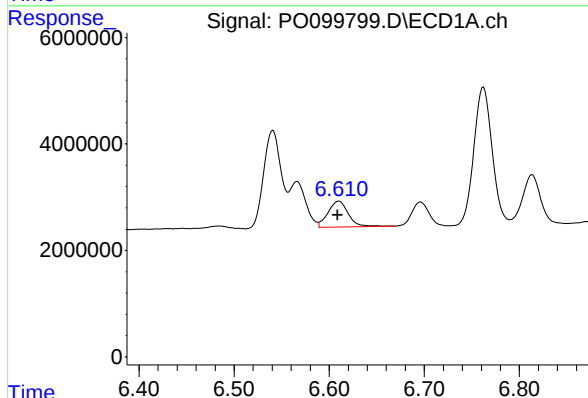
R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 364156
Conc: 12.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



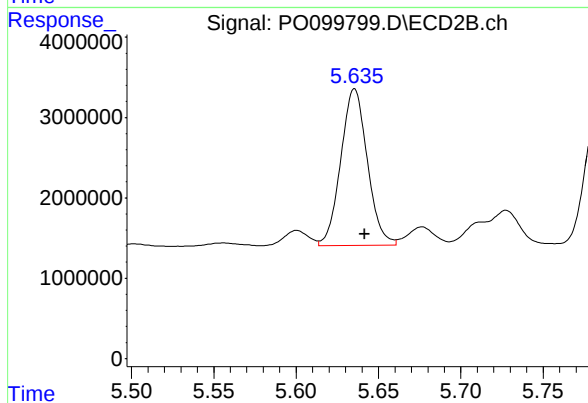
#19 AR-1242-4

R.T.: 5.103 min
Delta R.T.: -0.008 min
Response: 3208070
Conc: 185.66 ng/ml



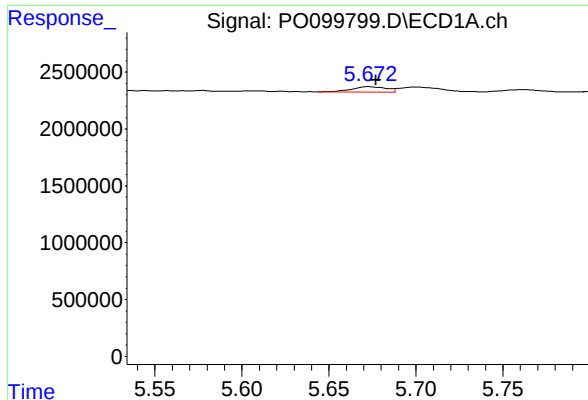
#20 AR-1242-5

R.T.: 6.610 min
Delta R.T.: 0.001 min
Response: 7299556
Conc: 297.00 ng/ml



#20 AR-1242-5

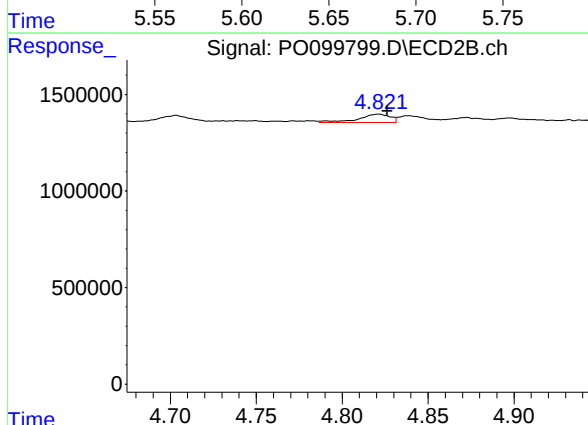
R.T.: 5.635 min
Delta R.T.: -0.006 min
Response: 21900497
Conc: 1100.82 ng/ml



#21 AR-1248-1

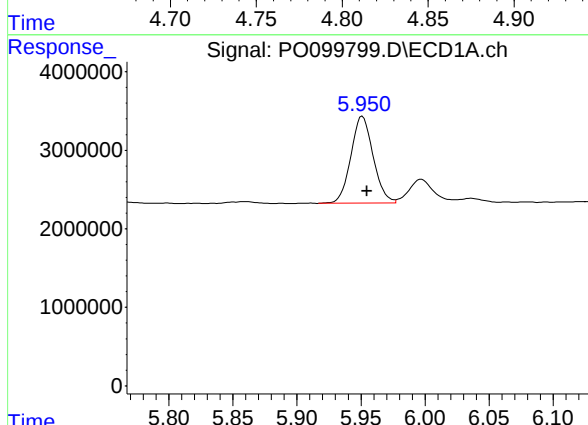
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 670144
Conc: 24.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



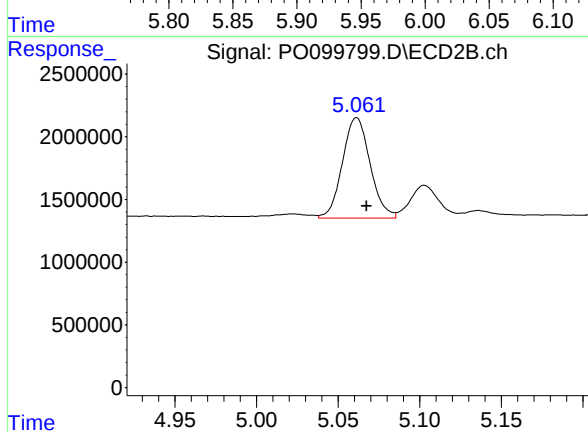
#21 AR-1248-1

R.T.: 4.821 min
Delta R.T.: -0.005 min
Response: 570663
Conc: 32.61 ng/ml



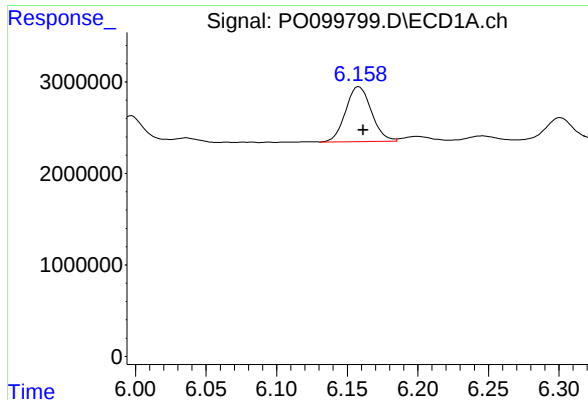
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 13417669
Conc: 315.85 ng/ml



#22 AR-1248-2

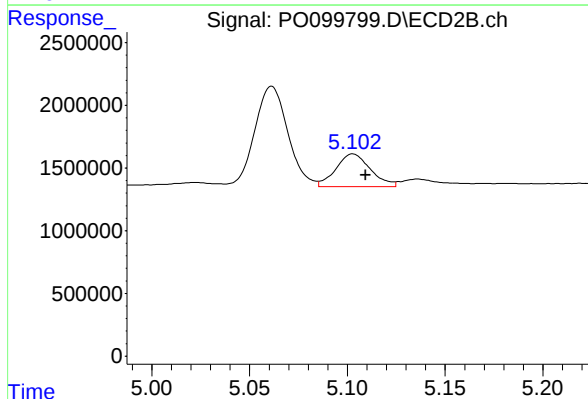
R.T.: 5.061 min
Delta R.T.: -0.006 min
Response: 9446352
Conc: 393.01 ng/ml



#23 AR-1248-3

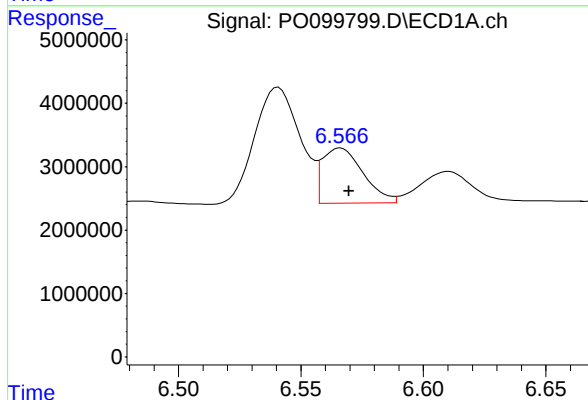
R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 7637679
Conc: 166.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



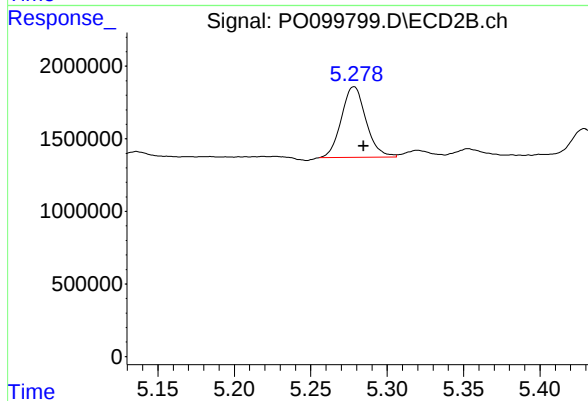
#23 AR-1248-3

R.T.: 5.103 min
Delta R.T.: -0.007 min
Response: 3208070
Conc: 129.85 ng/ml



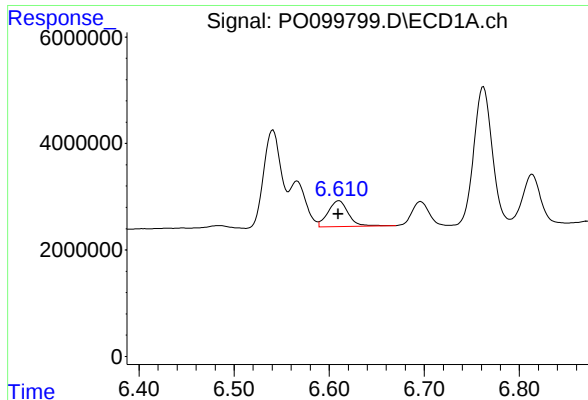
#24 AR-1248-4

R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 10081667
Conc: 243.05 ng/ml



#24 AR-1248-4

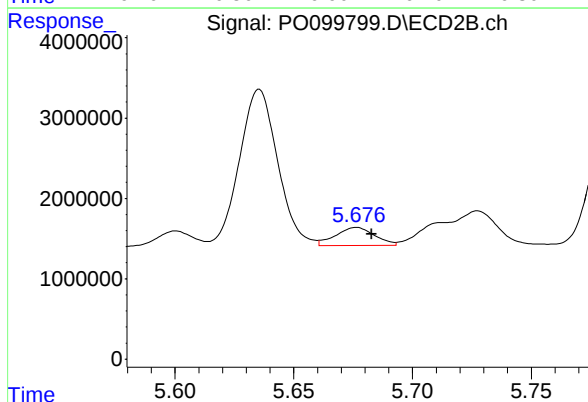
R.T.: 5.278 min
Delta R.T.: -0.006 min
Response: 5514489
Conc: 195.32 ng/ml



#25 AR-1248-5

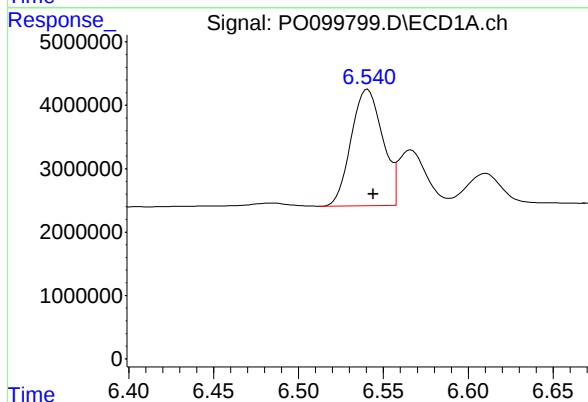
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 7299556
Conc: 179.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



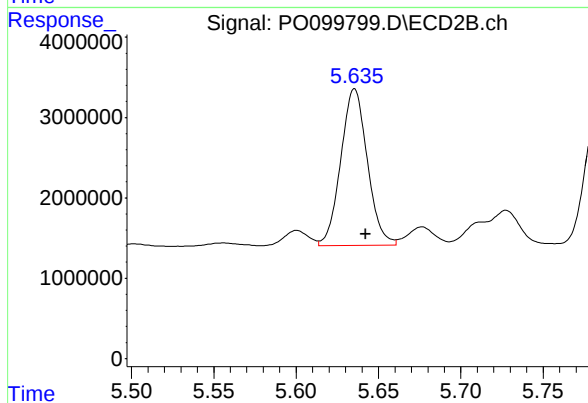
#25 AR-1248-5

R.T.: 5.676 min
Delta R.T.: -0.006 min
Response: 2605496
Conc: 102.52 ng/ml



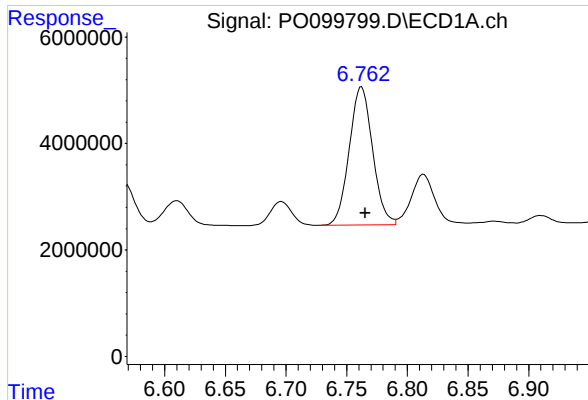
#26 AR-1254-1

R.T.: 6.541 min
Delta R.T.: -0.003 min
Response: 23811283
Conc: 491.79 ng/ml



#26 AR-1254-1

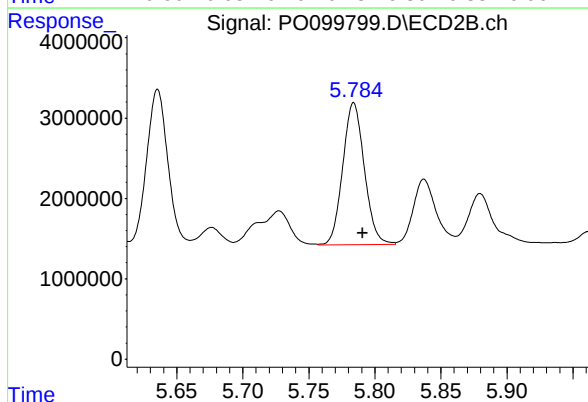
R.T.: 5.635 min
Delta R.T.: -0.007 min
Response: 21900497
Conc: 528.85 ng/ml



#27 AR-1254-2

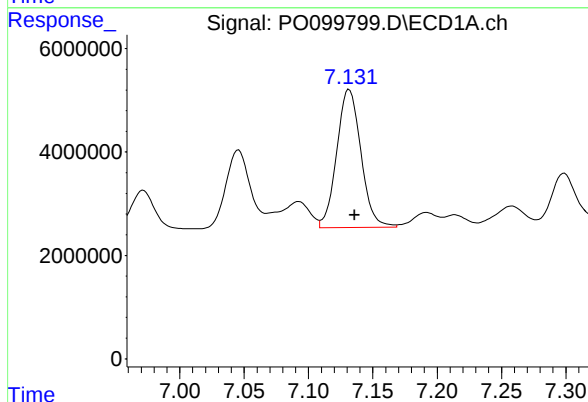
R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 34892494
Conc: 494.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



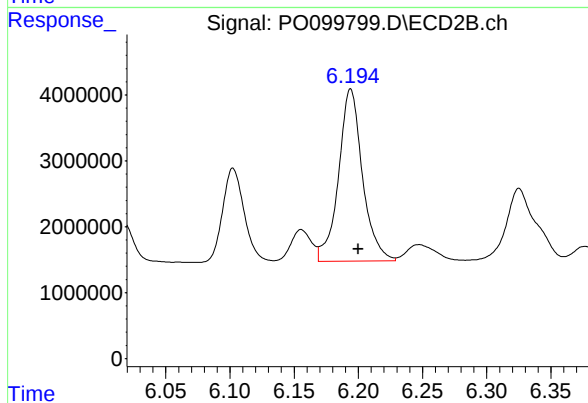
#27 AR-1254-2

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 20090892
Conc: 529.04 ng/ml



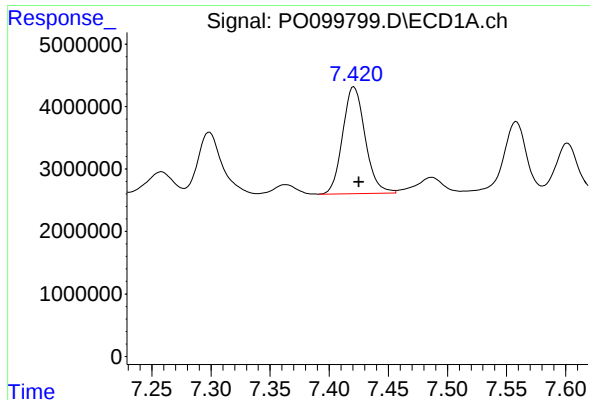
#28 AR-1254-3

R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 34979952
Conc: 515.27 ng/ml



#28 AR-1254-3

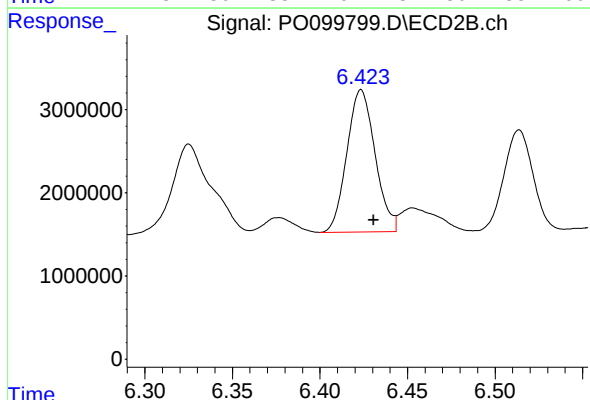
R.T.: 6.194 min
Delta R.T.: -0.006 min
Response: 33940741
Conc: 524.96 ng/ml



#29 AR-1254-4

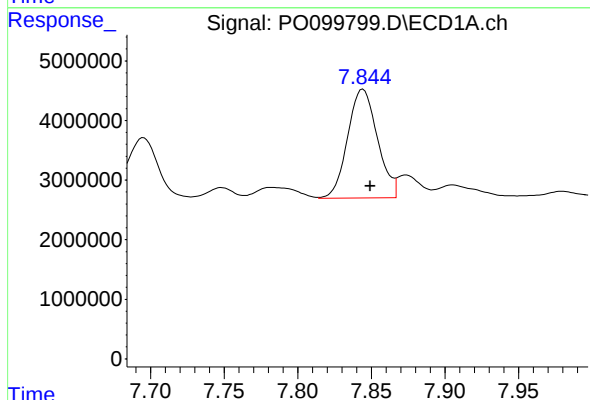
R.T.: 7.421 min
Delta R.T.: -0.004 min
Response: 22613141
Conc: 570.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



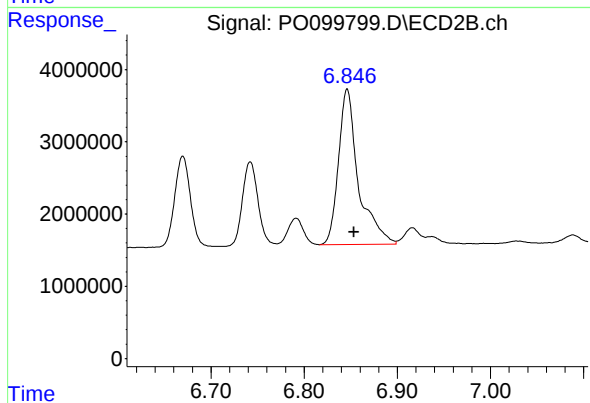
#29 AR-1254-4

R.T.: 6.423 min
Delta R.T.: -0.007 min
Response: 19229332
Conc: 561.17 ng/ml



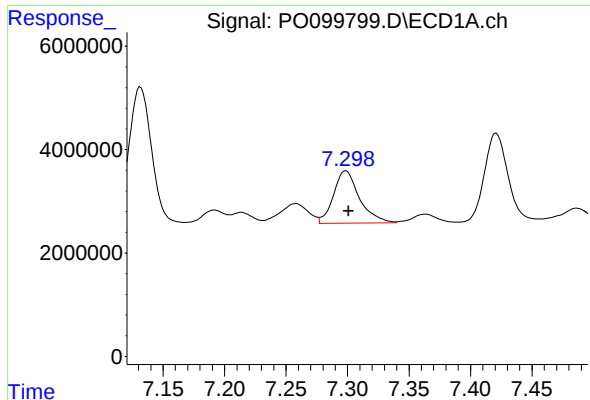
#30 AR-1254-5

R.T.: 7.844 min
Delta R.T.: -0.005 min
Response: 25806527
Conc: 525.52 ng/ml



#30 AR-1254-5

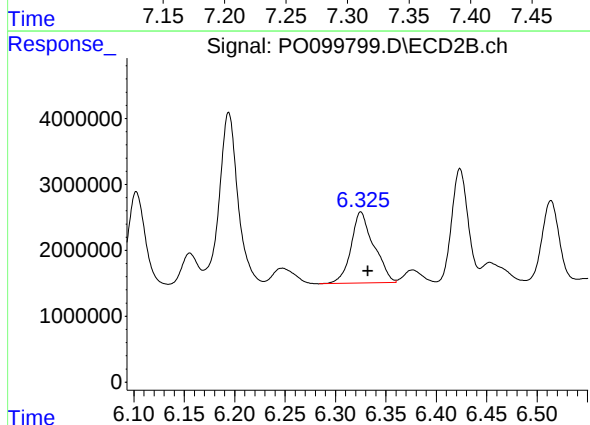
R.T.: 6.846 min
Delta R.T.: -0.007 min
Response: 31955178
Conc: 521.00 ng/ml



#31 AR-1260-1

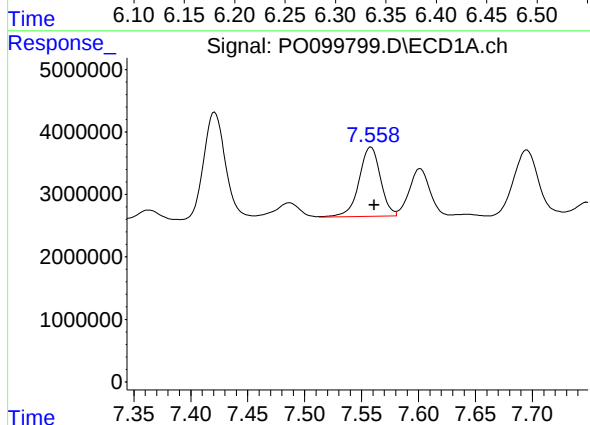
R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 14842184
Conc: 266.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



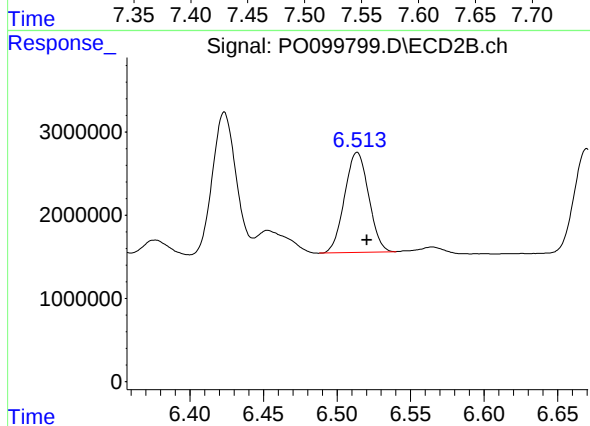
#31 AR-1260-1

R.T.: 6.325 min
Delta R.T.: -0.007 min
Response: 17011628
Conc: 353.38 ng/ml



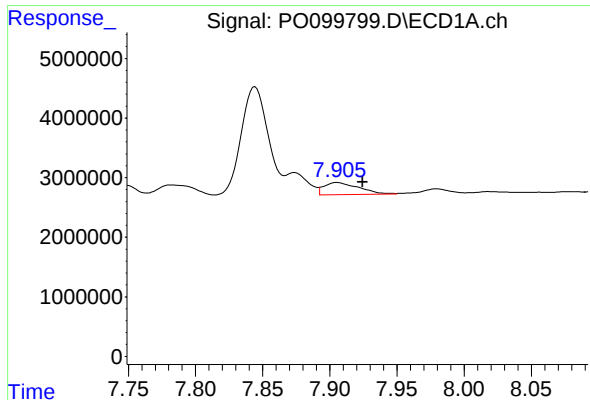
#32 AR-1260-2

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 14510797
Conc: 240.54 ng/ml



#32 AR-1260-2

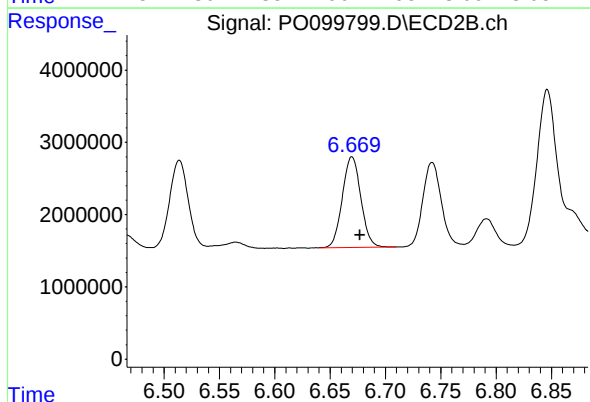
R.T.: 6.514 min
Delta R.T.: -0.007 min
Response: 13675222
Conc: 241.13 ng/ml



#33 AR-1260-3

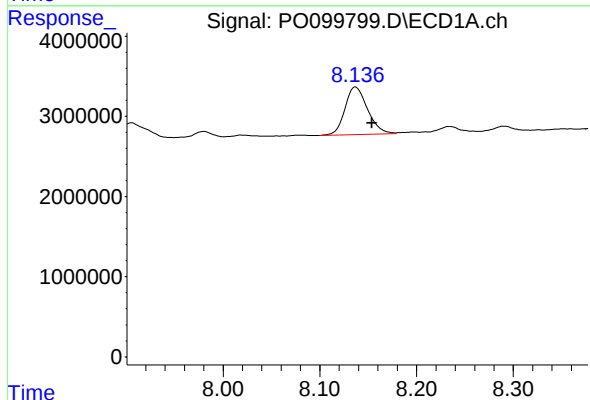
R.T.: 7.906 min
Delta R.T.: -0.019 min
Response: 3730387
Conc: 89.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



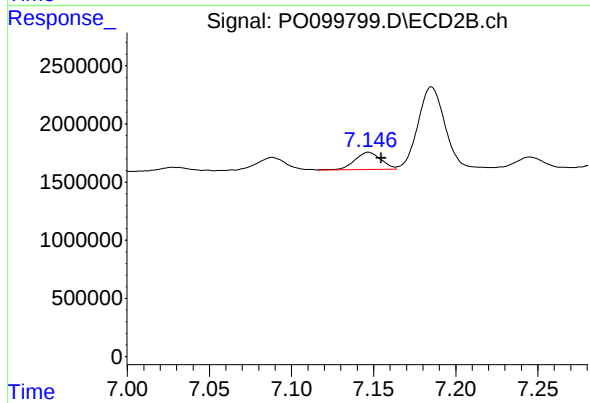
#33 AR-1260-3

R.T.: 6.670 min
Delta R.T.: -0.007 min
Response: 14592004
Conc: 263.97 ng/ml



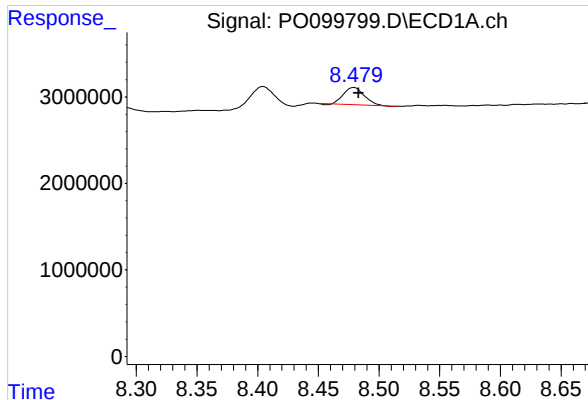
#34 AR-1260-4

R.T.: 8.137 min
Delta R.T.: -0.017 min
Response: 9657142
Conc: 196.10 ng/ml



#34 AR-1260-4

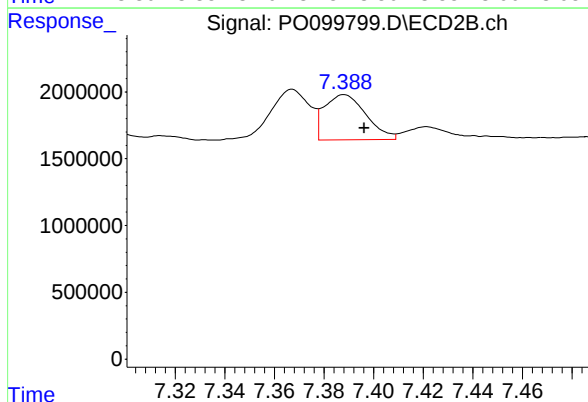
R.T.: 7.147 min
Delta R.T.: -0.008 min
Response: 1644665
Conc: 37.32 ng/ml



#35 AR-1260-5

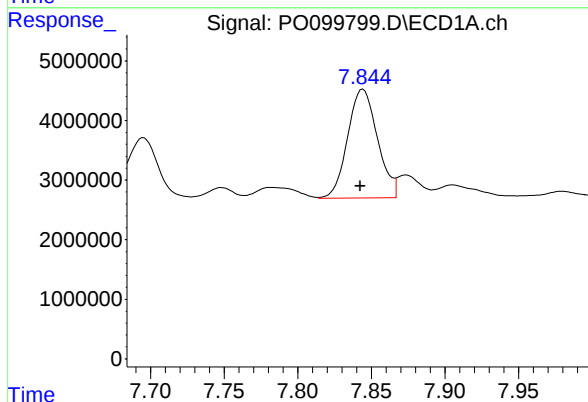
R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 2409521
Conc: 28.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



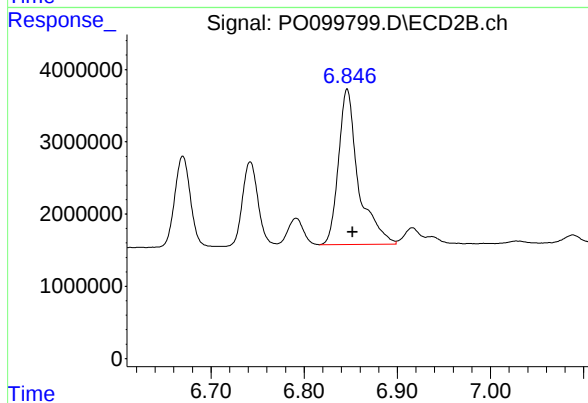
#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 3937189
Conc: 39.62 ng/ml



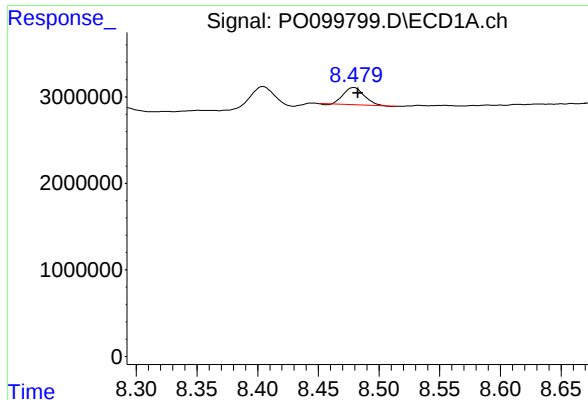
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: 0.002 min
Response: 25806527
Conc: 575.90 ng/ml



#36 AR-1262-1

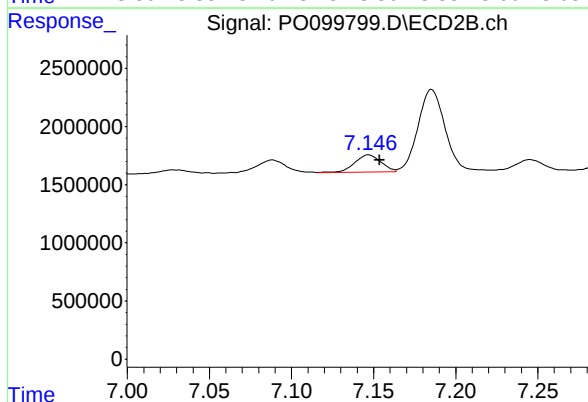
R.T.: 6.846 min
Delta R.T.: -0.006 min
Response: 31955178
Conc: 982.08 ng/ml



#37 AR-1262-2

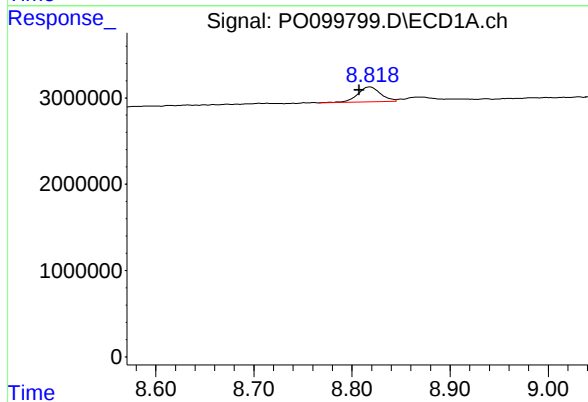
R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 2409521
Conc: 23.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



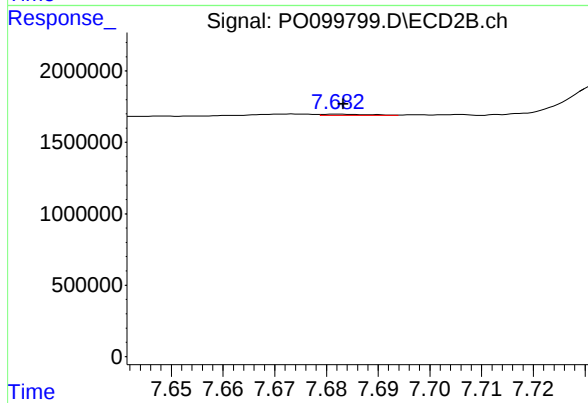
#37 AR-1262-2

R.T.: 7.147 min
Delta R.T.: -0.007 min
Response: 1644665
Conc: 25.16 ng/ml



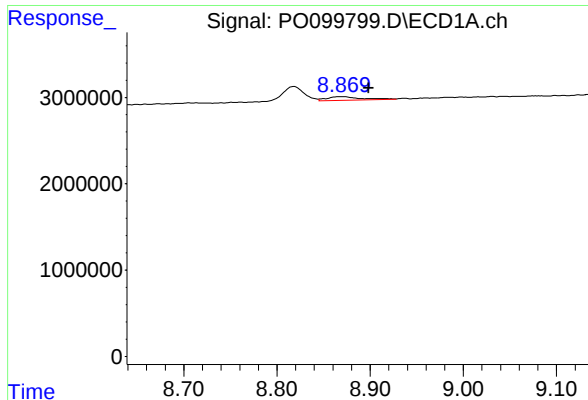
#38 AR-1262-3

R.T.: 8.818 min
Delta R.T.: 0.011 min
Response: 2799171
Conc: 38.16 ng/ml



#38 AR-1262-3

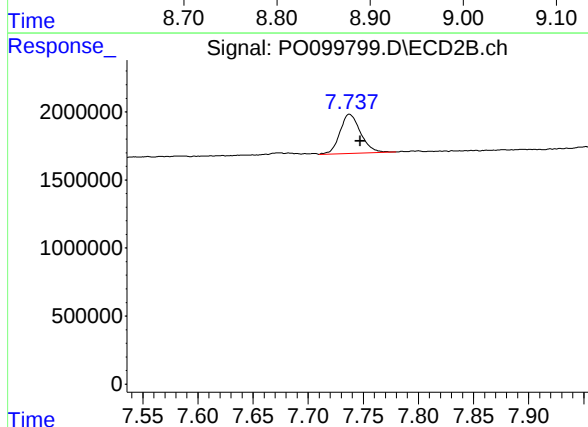
R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 59436
Conc: 1.16 ng/ml



#39 AR-1262-4

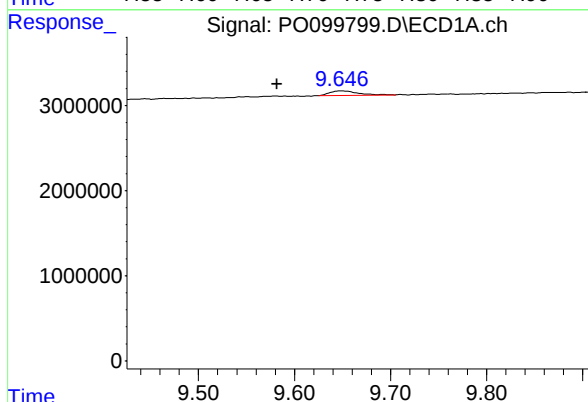
R.T.: 8.871 min
Delta R.T.: -0.028 min
Response: 1075875
Conc: 18.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



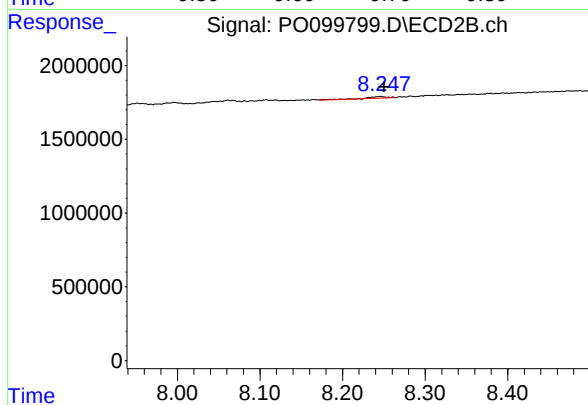
#39 AR-1262-4

R.T.: 7.738 min
Delta R.T.: -0.010 min
Response: 3747175
Conc: 42.05 ng/ml



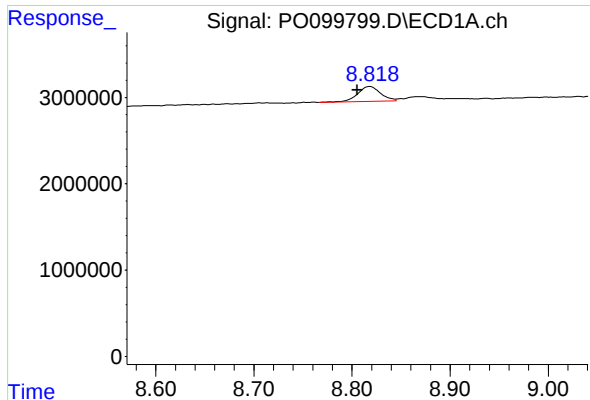
#40 AR-1262-5

R.T.: 9.648 min
Delta R.T.: 0.067 min
Response: 1154627
Conc: 35.27 ng/ml



#40 AR-1262-5

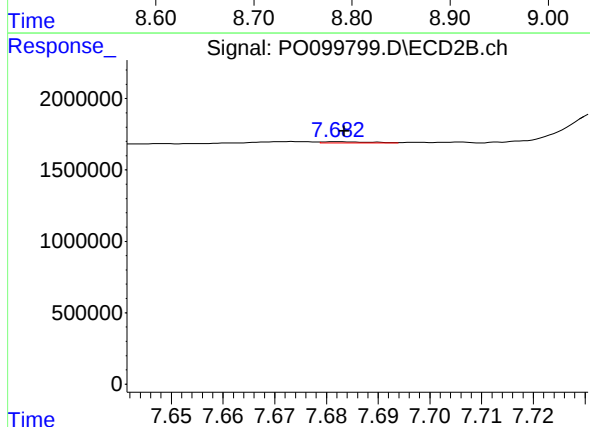
R.T.: 8.246 min
Delta R.T.: -0.004 min
Response: 205140
Conc: 5.26 ng/ml



#41 AR-1268-1

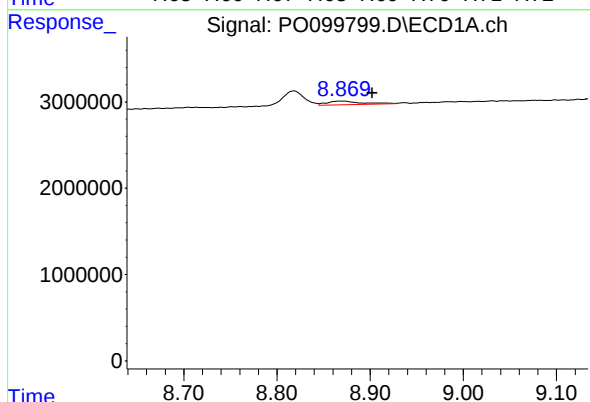
R.T.: 8.818 min
Delta R.T.: 0.013 min
Response: 2799171
Conc: 21.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



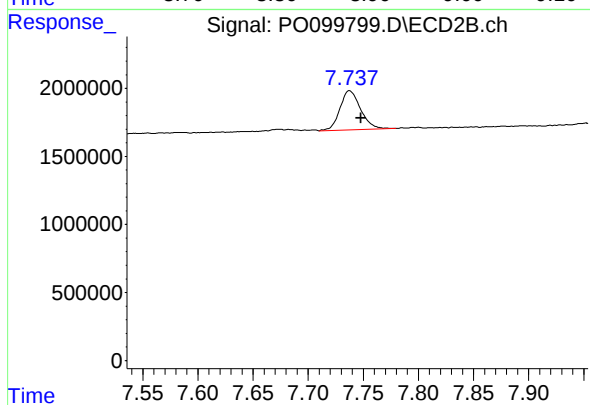
#41 AR-1268-1

R.T.: 7.682 min
Delta R.T.: -0.001 min
Response: 59436
Conc: 0.42 ng/ml



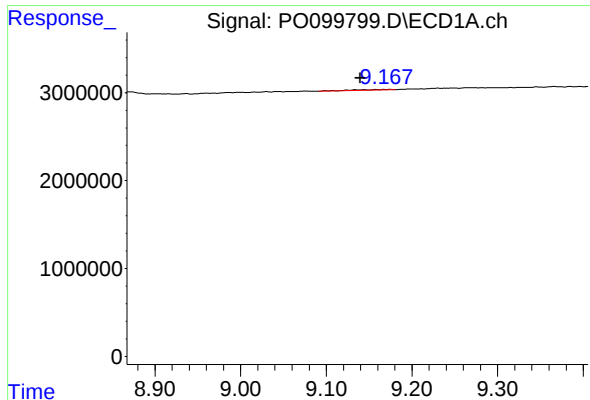
#42 AR-1268-2

R.T.: 8.871 min
Delta R.T.: -0.031 min
Response: 1075875
Conc: 9.38 ng/ml



#42 AR-1268-2

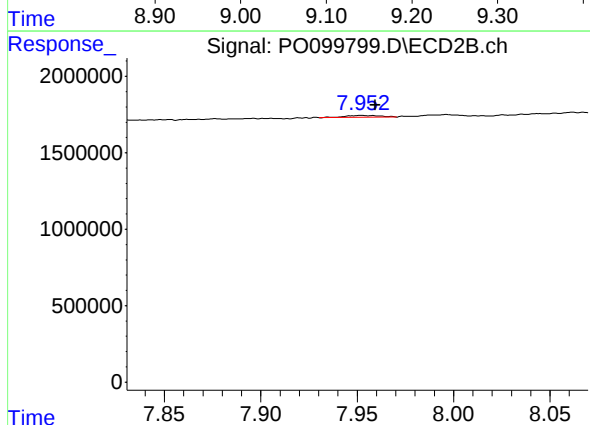
R.T.: 7.738 min
Delta R.T.: -0.010 min
Response: 3747175
Conc: 28.77 ng/ml



#43 AR-1268-3

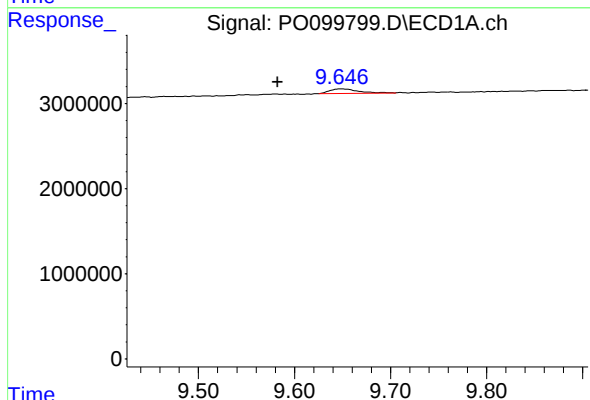
R.T.: 9.173 min
Delta R.T.: 0.033 min
Response: 215158
Conc: 1.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



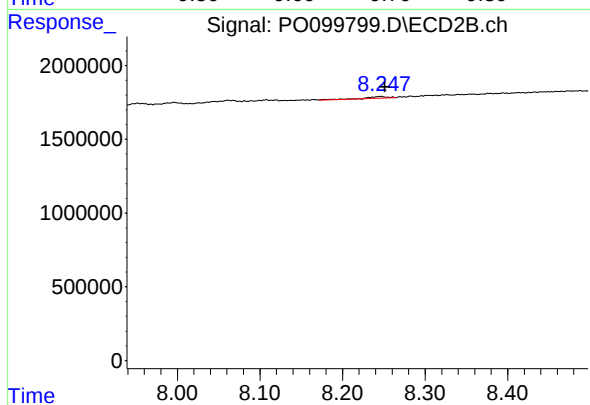
#43 AR-1268-3

R.T.: 7.952 min
Delta R.T.: -0.007 min
Response: 146741
Conc: 1.21 ng/ml



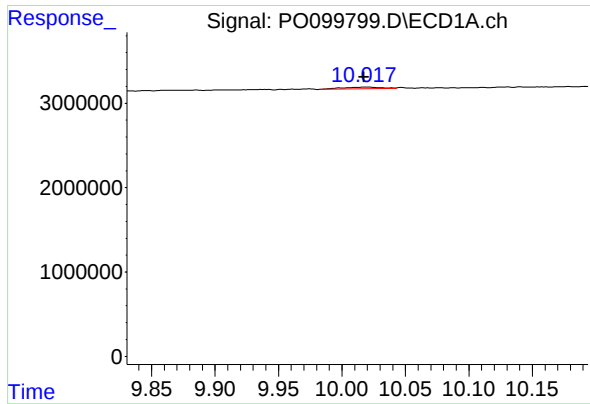
#44 AR-1268-4

R.T.: 9.648 min
Delta R.T.: 0.066 min
Response: 1154627
Conc: 33.06 ng/ml



#44 AR-1268-4

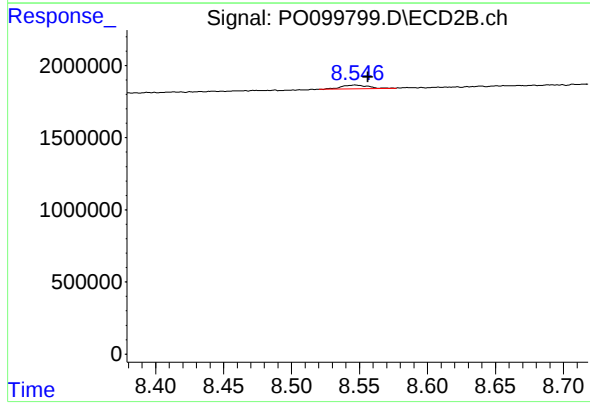
R.T.: 8.246 min
Delta R.T.: -0.005 min
Response: 205140
Conc: 4.76 ng/ml



#45 AR-1268-5

R.T.: 10.020 min
Delta R.T.: 0.002 min
Response: 464067
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.547 min
Delta R.T.: -0.010 min
Response: 358408
Conc: 1.03 ng/ml