

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080223\
 Data File : P0096629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2023 05:04
 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: Aug 03 05:36:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 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...	4.406	3.620	179.7E6	72761248	53.788	51.365
2) SA Decachlor...	10.228	8.641	108.8E6	57583402	49.156	48.953
Target Compounds						
3) L1 AR-1016-1	5.611	4.706	1681447	716913	17.940	15.861
4) L1 AR-1016-2	5.611	4.724	1681447	586097	12.603	9.330 #
5) L1 AR-1016-3	5.672	4.902	772247	394294	9.300	11.550
6) L1 AR-1016-4	5.771	4.944	810172	16436170	11.927	563.051 #
7) L1 AR-1016-5	6.070	5.157	19836880	9370168	277.057	246.501
8) L2 AR-1221-1	4.670f	0.000	21088	0	0.513	N.D. #
9) L2 AR-1221-2	4.716	3.919	2649003	976299	88.125	68.935
10) L2 AR-1221-3	4.781	3.995	528278	221362	6.014	5.346
11) L3 AR-1232-1	4.781	3.995	528278	221362	7.345	6.516
12) L3 AR-1232-2	5.317	4.724	1017718	586097	25.918	19.985
13) L3 AR-1232-3	5.611	4.902	1681447	394294	27.590	25.297
14) L3 AR-1232-4	5.771	4.985	810172	5149265	26.698	338.881 #
15) L3 AR-1232-5	5.864	5.157	35442579	9370168	1274.078	562.533 #
16) L4 AR-1242-1	5.611	4.724	1681447	586097	20.748	14.960 #
17) L4 AR-1242-2	5.611	4.724	1681447	586097	14.696	10.901 #
18) L4 AR-1242-3	5.672	4.902	772247	394294	10.847	13.413
19) L4 AR-1242-4	5.771	4.985	810172	5149265	14.025	164.283 #
20) L4 AR-1242-5	6.519	5.511	13888407	38239149	250.491	1059.924 #
21) L5 AR-1248-1	5.611	4.724	1681447	586097	29.279	20.980 #
22) L5 AR-1248-2	5.864	4.944	35442579	16436170	382.167	389.847
23) L5 AR-1248-3	6.070	4.985	19836880	5149265	201.331	117.192 #
24) L5 AR-1248-4	6.476	5.157	19067003	9370168	205.392	182.764
25) L5 AR-1248-5	6.519	5.551	13888407	4650777	150.392	99.082 #
26) L6 AR-1254-1	6.476	5.511	19067003	38239149	180.297	520.388 #
27) L6 AR-1254-2	6.671	5.659	84200818	33841431	542.714	518.490
28) L6 AR-1254-3	7.040	6.063	82483916	52800213	540.449	523.271
29) L6 AR-1254-4	7.327	6.293	46730404	31318384	478.108	524.997
30) L6 AR-1254-5	7.779	6.712	9672833	45676782	87.783	526.177 #
31) L7 AR-1260-1	7.205	6.194	35615128	26758723	273.717	367.197 #
32) L7 AR-1260-2	7.464	6.383	32808862	22019335	239.476	254.612
33) L7 AR-1260-3	7.750	6.535	61848123	21045216	404.523	262.962 #
34) L7 AR-1260-4	8.040	7.010	23714936	2271228	194.756	34.781 #
35) L7 AR-1260-5	8.378	7.252	8509413	5324237	38.692	37.573
36) L8 AR-1262-1	7.811	6.802	10065588	1482175	68.174	37.727 #
37) L8 AR-1262-2	8.378	7.010	8509413	2271228	37.319	27.834 #
38) L8 AR-1262-3	8.710	7.537	7218781	170276	43.425	2.661 #
39) L8 AR-1262-4	8.799	7.599	205175	5222676	1.587	46.107 #
40) L8 AR-1262-5	9.452	8.097	367834	215304	4.313	4.137
41) L9 AR-1268-1	8.710	7.537	7218781	170276	23.734	0.912 #

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 Integrator: ChemStation

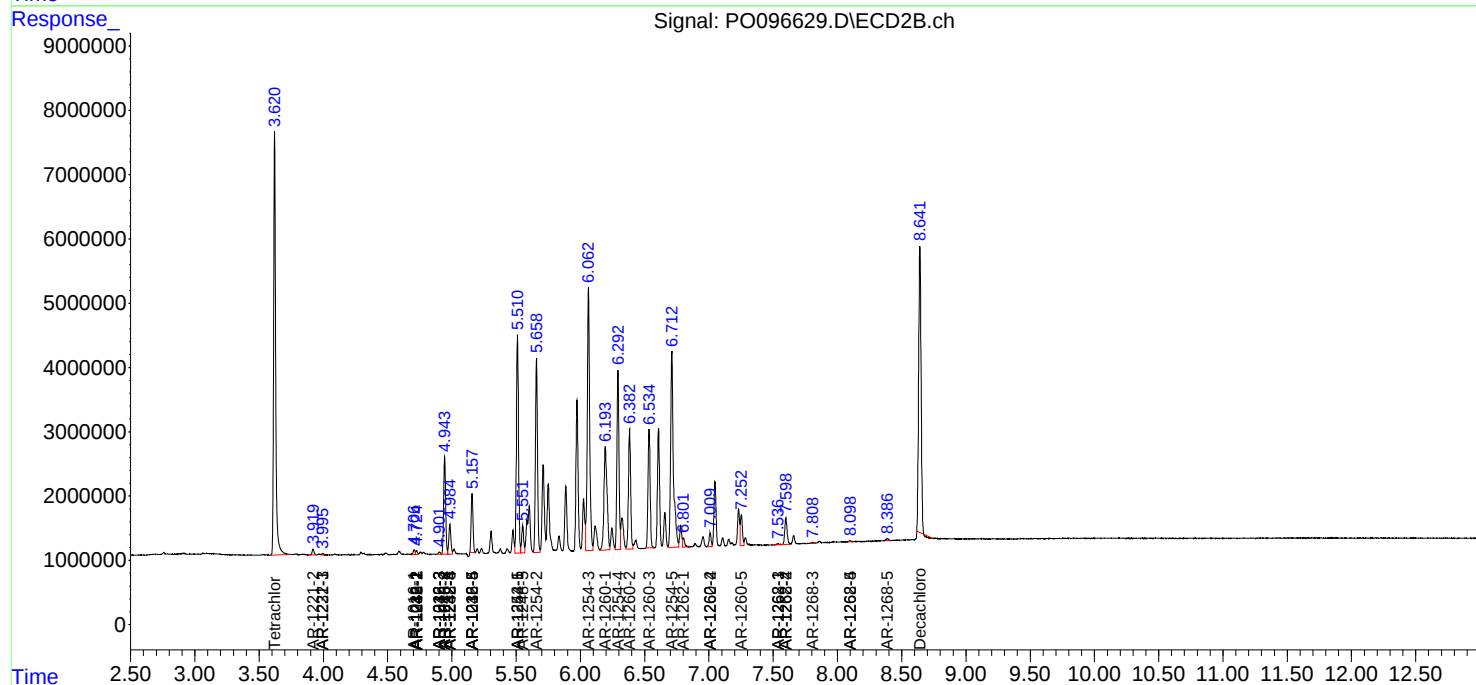
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

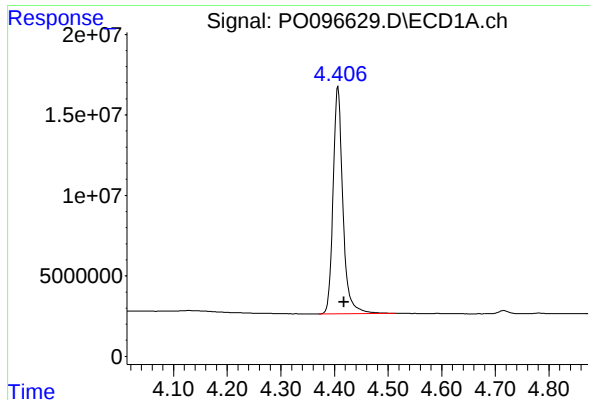
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.799	7.599	205175	5222676	0.767	31.041 #
43) L9	AR-1268-3	9.049	7.807	99813	166312	0.399	1.135 #
44) L9	AR-1268-4	9.452	8.097	367834	215304	3.973	3.621
45) L9	AR-1268-5	9.917	8.387	96736	389536	0.121	0.903 #

(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

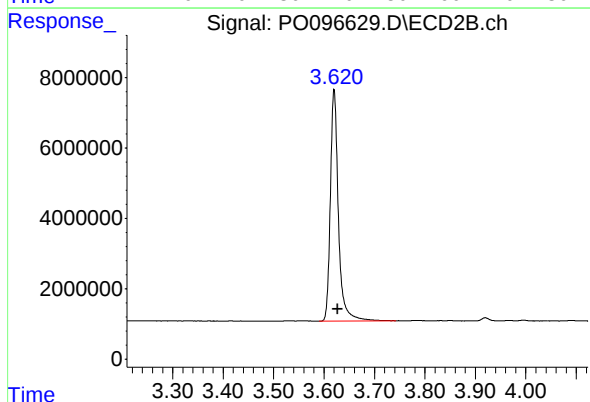




#1 Tetrachloro-m-xylene

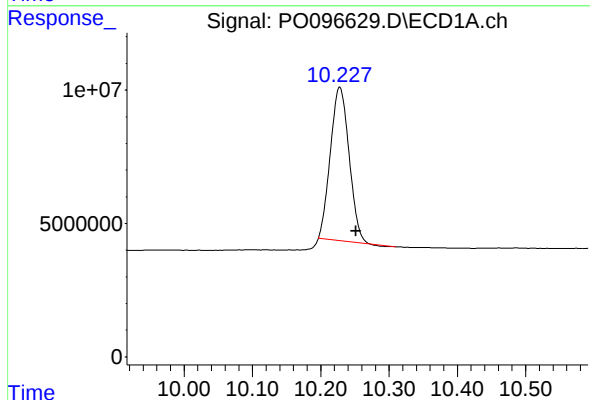
R.T.: 4.406 min
Delta R.T.: -0.012 min
Response: 179716738
Conc: 53.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



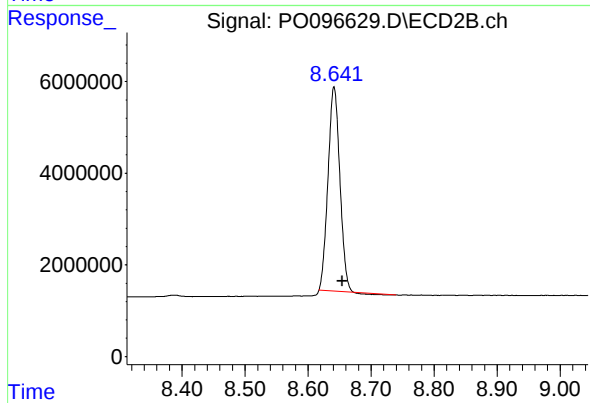
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.007 min
Response: 72761248
Conc: 51.37 ng/ml



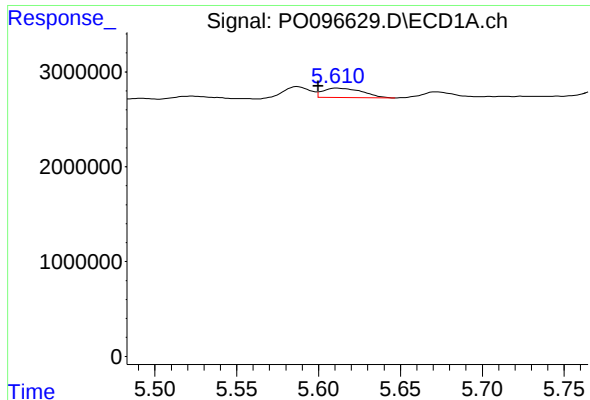
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.023 min
Response: 108757993
Conc: 49.16 ng/ml



#2 Decachlorobiphenyl

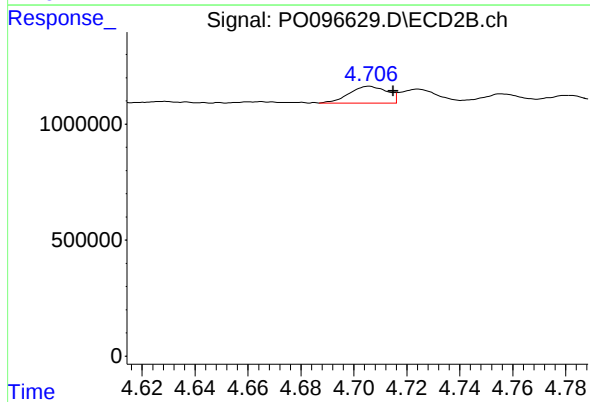
R.T.: 8.641 min
Delta R.T.: -0.013 min
Response: 57583402
Conc: 48.95 ng/ml



#3 AR-1016-1

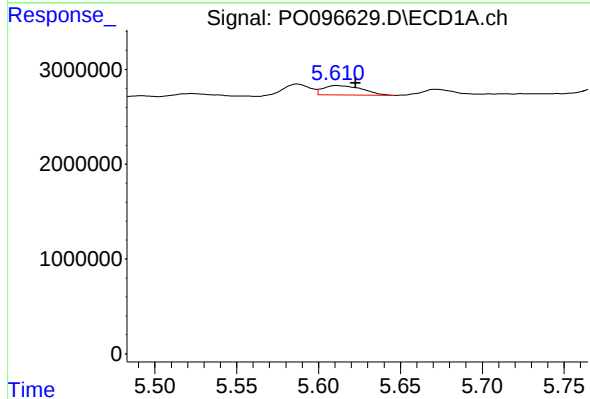
R.T.: 5.611 min
Delta R.T.: 0.011 min
Response: 1681447
Conc: 17.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



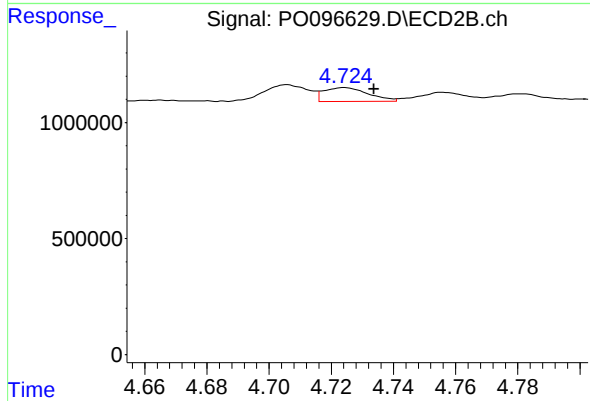
#3 AR-1016-1

R.T.: 4.706 min
Delta R.T.: -0.009 min
Response: 716913
Conc: 15.86 ng/ml



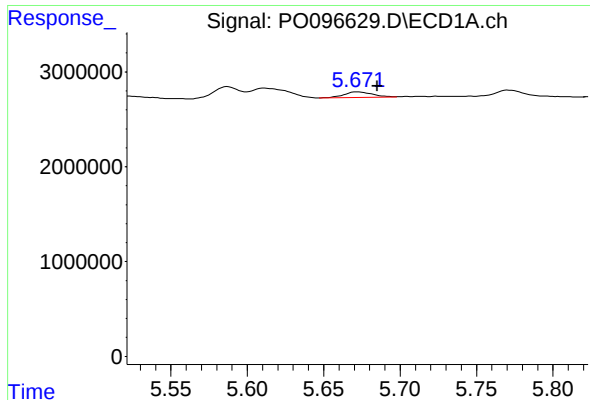
#4 AR-1016-2

R.T.: 5.611 min
Delta R.T.: -0.012 min
Response: 1681447
Conc: 12.60 ng/ml



#4 AR-1016-2

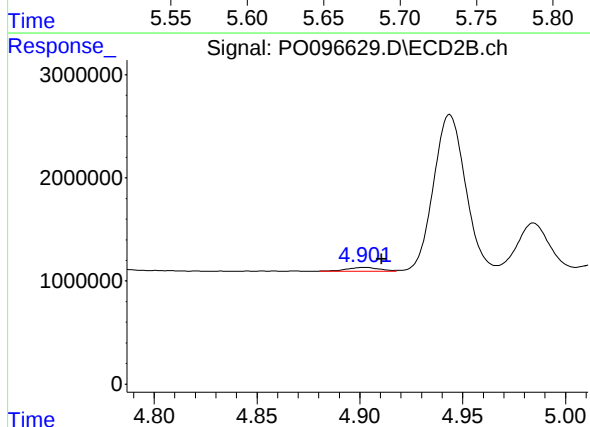
R.T.: 4.724 min
Delta R.T.: -0.010 min
Response: 586097
Conc: 9.33 ng/ml



#5 AR-1016-3

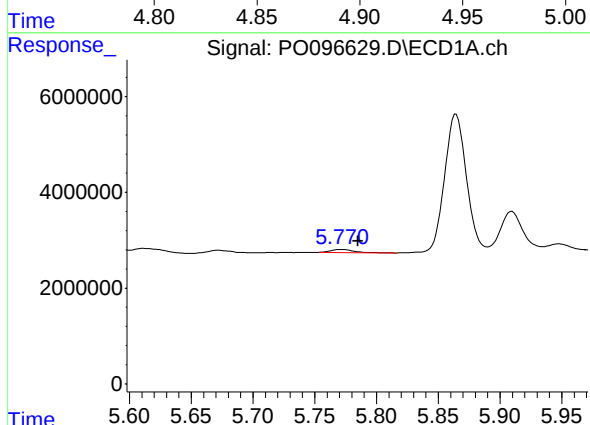
R.T.: 5.672 min
Delta R.T.: -0.013 min
Response: 772247
Conc: 9.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



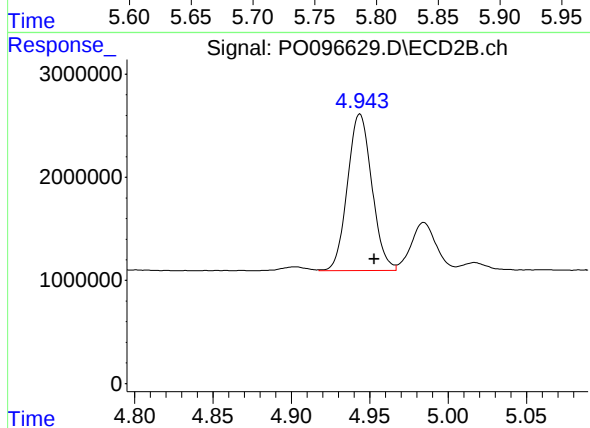
#5 AR-1016-3

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 394294
Conc: 11.55 ng/ml



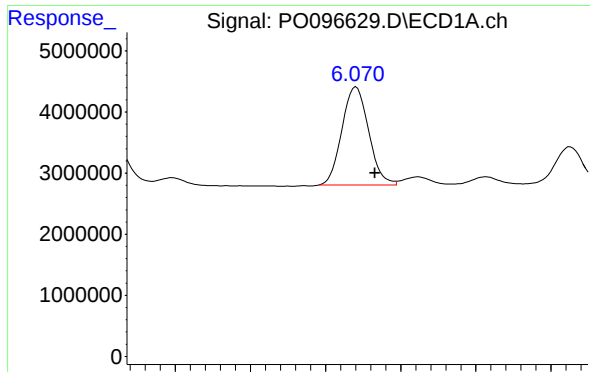
#6 AR-1016-4

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 810172
Conc: 11.93 ng/ml



#6 AR-1016-4

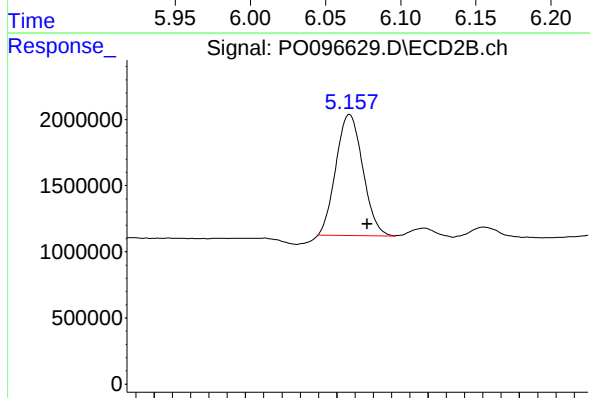
R.T.: 4.944 min
Delta R.T.: -0.009 min
Response: 16436170
Conc: 563.05 ng/ml



#7 AR-1016-5

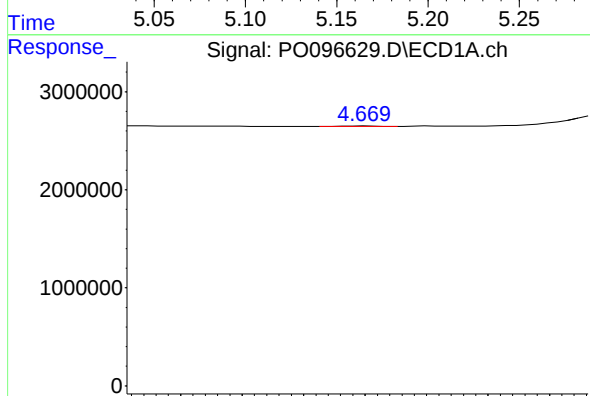
R.T.: 6.070 min
Delta R.T.: -0.013 min
Response: 19836880
Conc: 277.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



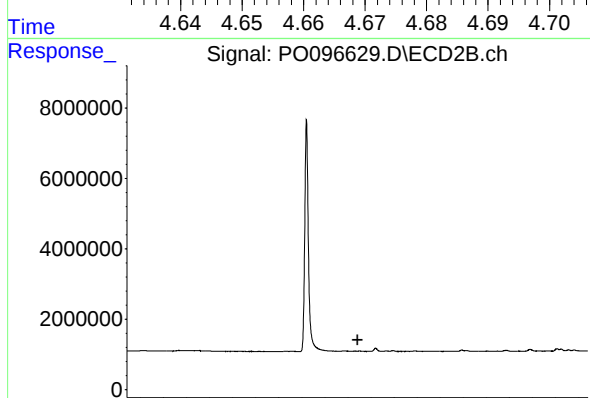
#7 AR-1016-5

R.T.: 5.157 min
Delta R.T.: -0.010 min
Response: 9370168
Conc: 246.50 ng/ml



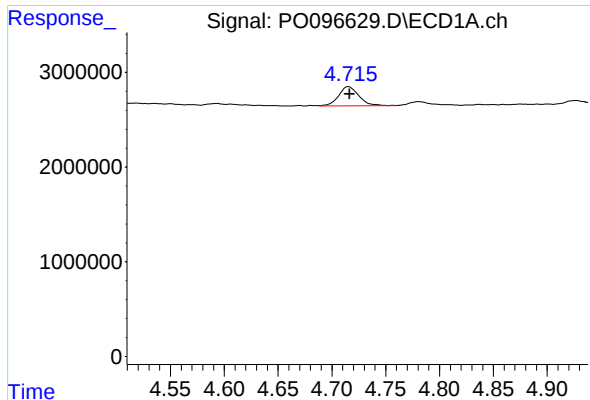
#8 AR-1221-1

R.T.: 4.670 min
Delta R.T.: 0.041 min
Response: 21088
Conc: 0.51 ng/ml



#8 AR-1221-1

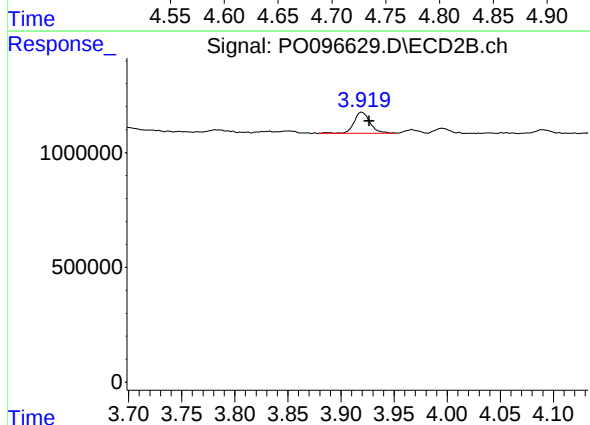
R.T.: 0.000 min
Exp R.T.: 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

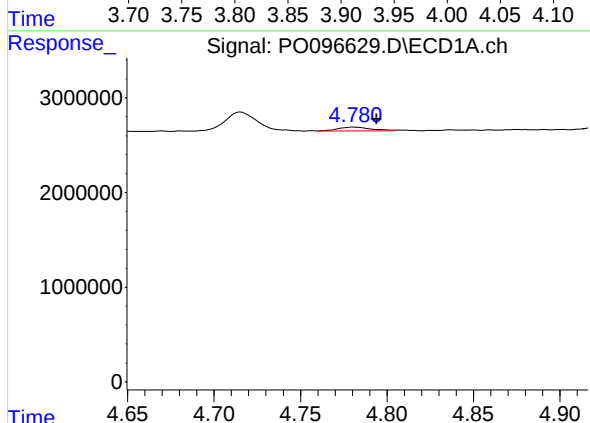
R.T.: 4.716 min
Delta R.T.: -0.001 min
Response: 2649003
Conc: 88.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



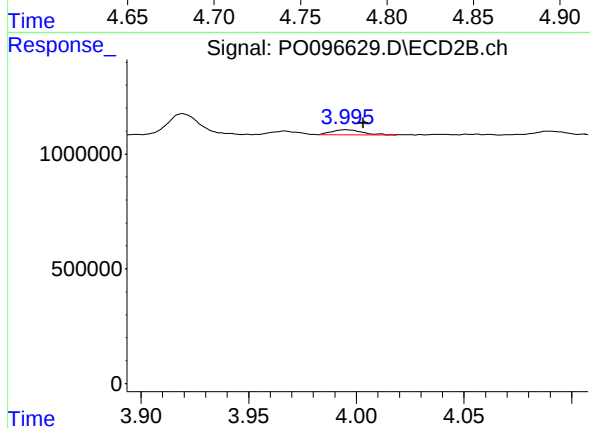
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.007 min
Response: 976299
Conc: 68.93 ng/ml



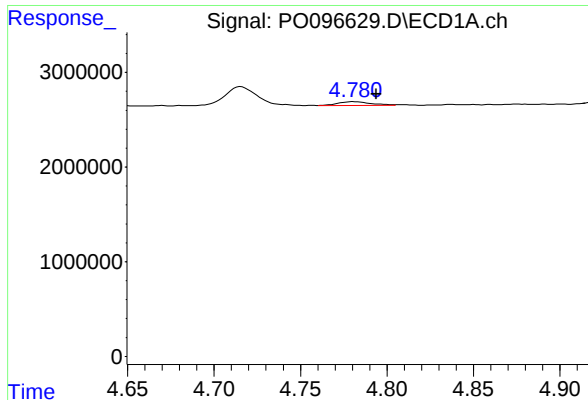
#10 AR-1221-3

R.T.: 4.781 min
Delta R.T.: -0.013 min
Response: 528278
Conc: 6.01 ng/ml



#10 AR-1221-3

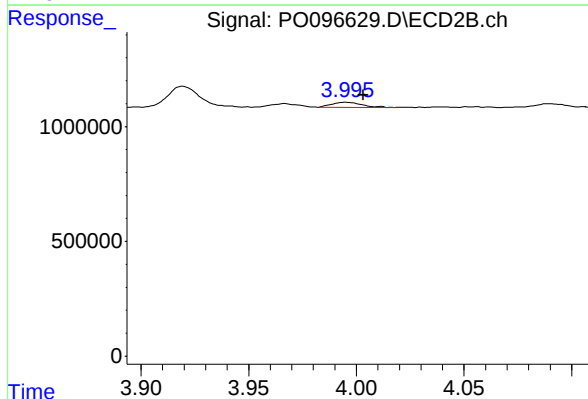
R.T.: 3.995 min
Delta R.T.: -0.008 min
Response: 221362
Conc: 5.35 ng/ml



#11 AR-1232-1

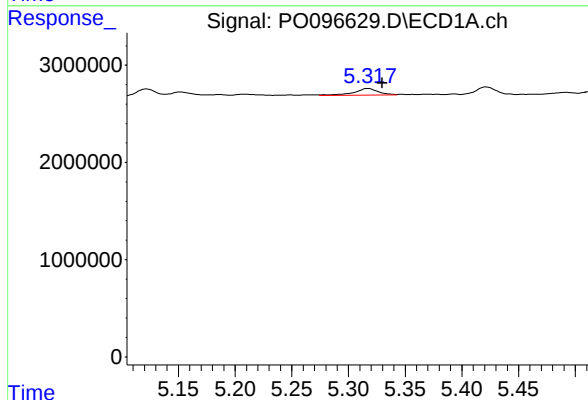
R.T.: 4.781 min
Delta R.T.: -0.013 min
Response: 528278
Conc: 7.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



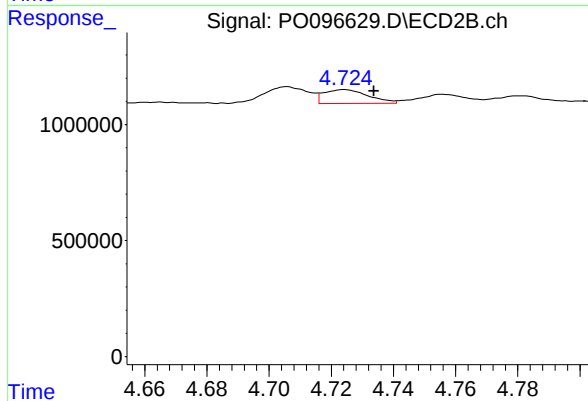
#11 AR-1232-1

R.T.: 3.995 min
Delta R.T.: -0.008 min
Response: 221362
Conc: 6.52 ng/ml



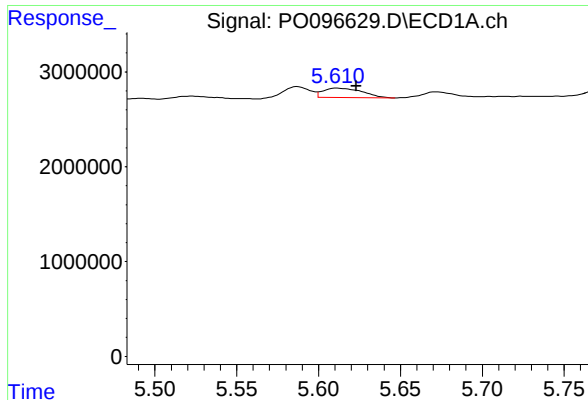
#12 AR-1232-2

R.T.: 5.317 min
Delta R.T.: -0.013 min
Response: 1017718
Conc: 25.92 ng/ml



#12 AR-1232-2

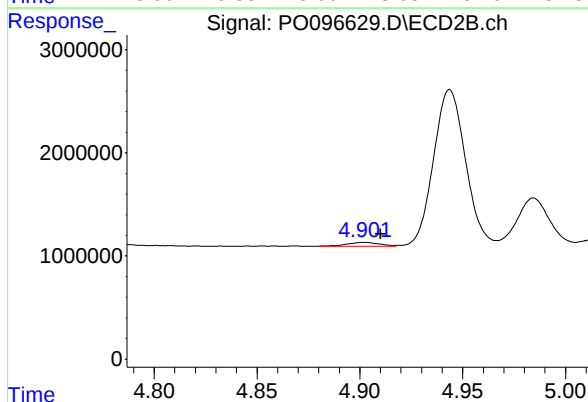
R.T.: 4.724 min
Delta R.T.: -0.010 min
Response: 586097
Conc: 19.99 ng/ml



#13 AR-1232-3

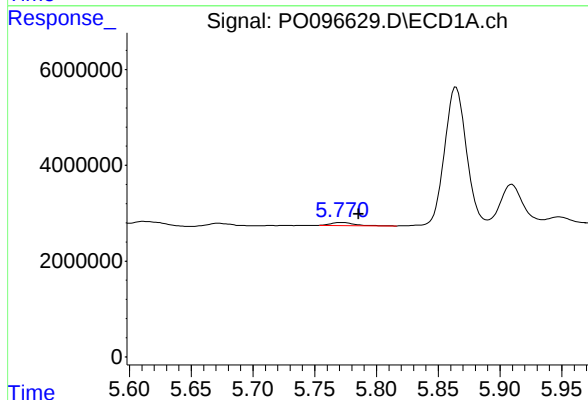
R.T.: 5.611 min
Delta R.T.: -0.012 min
Response: 1681447
Conc: 27.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



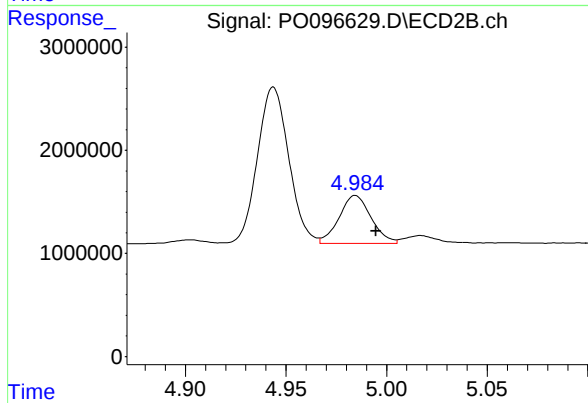
#13 AR-1232-3

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 394294
Conc: 25.30 ng/ml



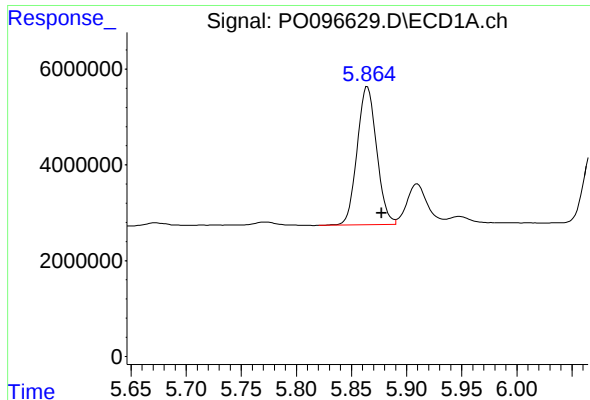
#14 AR-1232-4

R.T.: 5.771 min
Delta R.T.: -0.015 min
Response: 810172
Conc: 26.70 ng/ml



#14 AR-1232-4

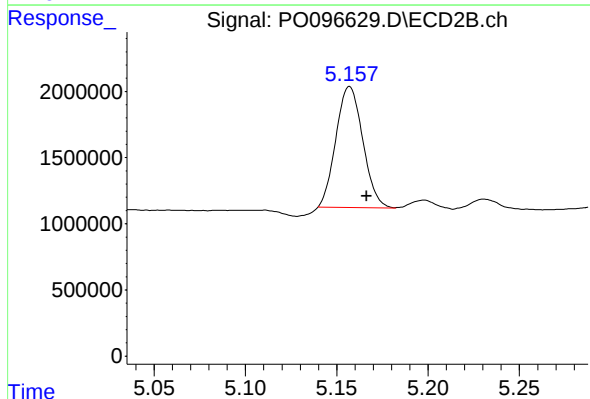
R.T.: 4.985 min
Delta R.T.: -0.010 min
Response: 5149265
Conc: 338.88 ng/ml



#15 AR-1232-5

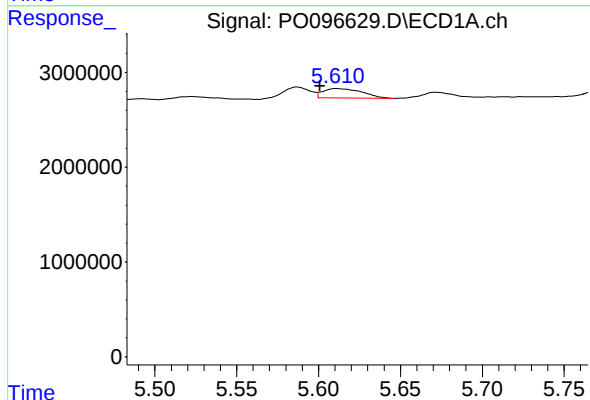
R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 35442579
Conc: 1274.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



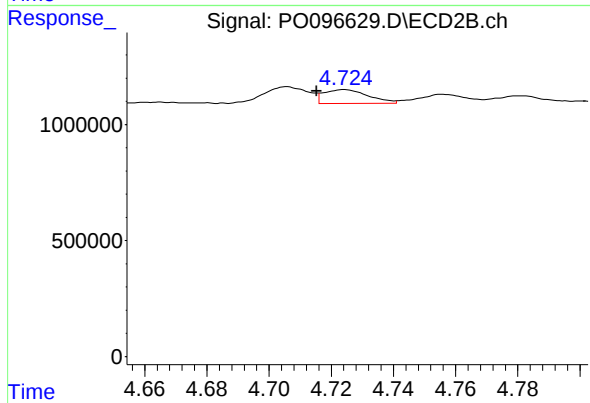
#15 AR-1232-5

R.T.: 5.157 min
Delta R.T.: -0.009 min
Response: 9370168
Conc: 562.53 ng/ml



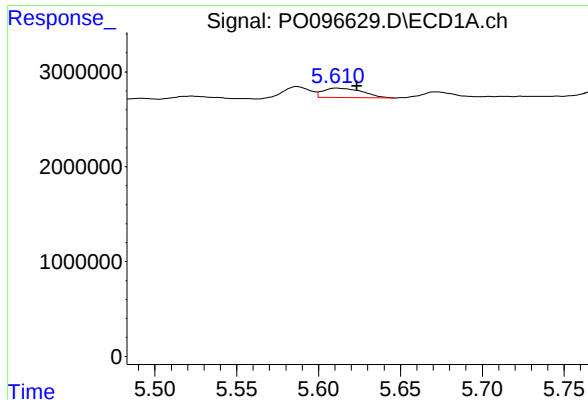
#16 AR-1242-1

R.T.: 5.611 min
Delta R.T.: 0.010 min
Response: 1681447
Conc: 20.75 ng/ml



#16 AR-1242-1

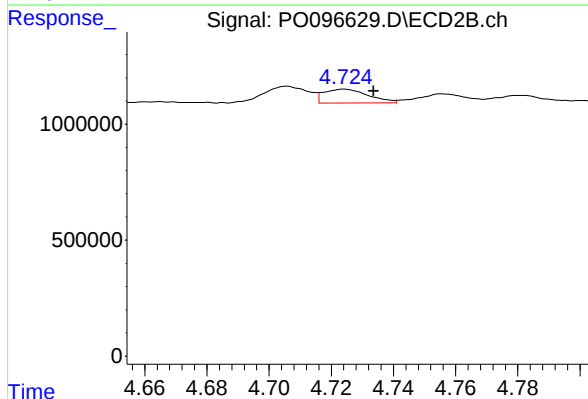
R.T.: 4.724 min
Delta R.T.: 0.009 min
Response: 586097
Conc: 14.96 ng/ml



#17 AR-1242-2

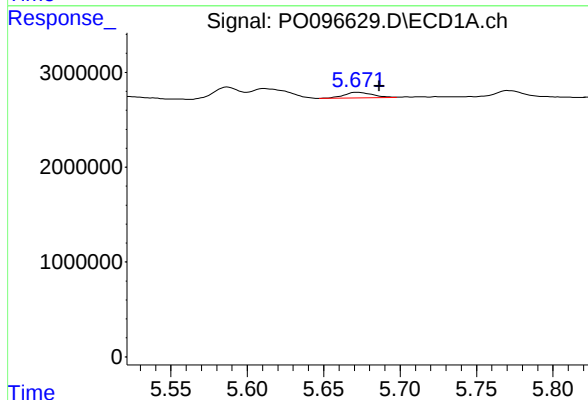
R.T.: 5.611 min
Delta R.T.: -0.012 min
Response: 1681447
Conc: 14.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



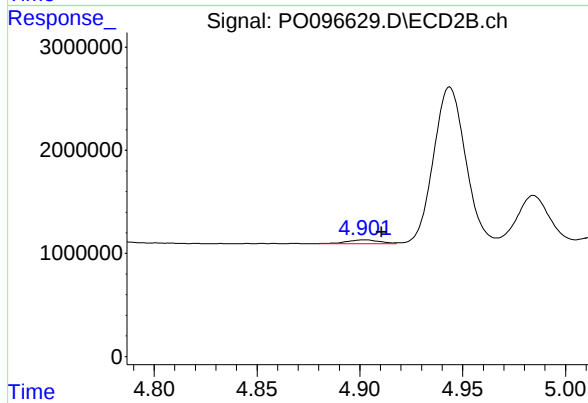
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.009 min
Response: 586097
Conc: 10.90 ng/ml



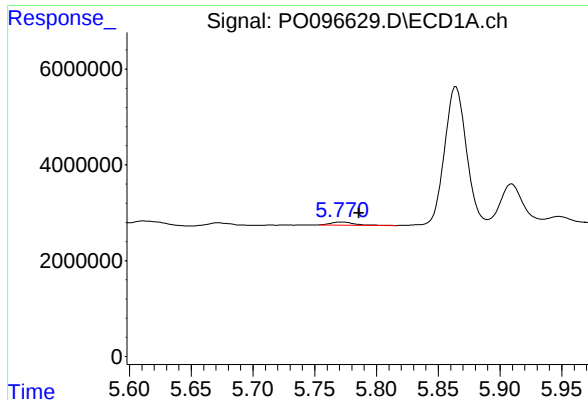
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: -0.014 min
Response: 772247
Conc: 10.85 ng/ml



#18 AR-1242-3

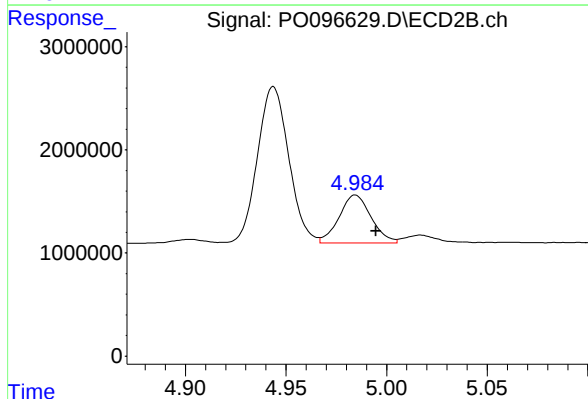
R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 394294
Conc: 13.41 ng/ml



#19 AR-1242-4

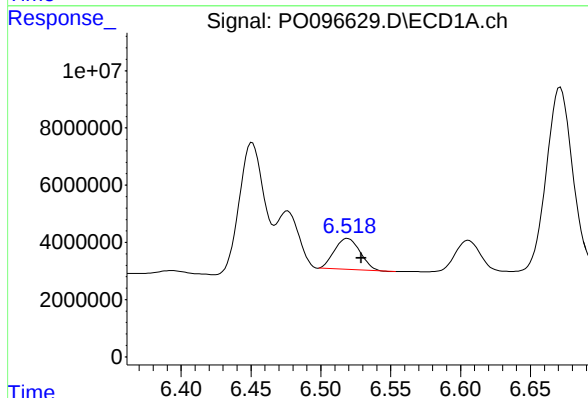
R.T.: 5.771 min
Delta R.T.: -0.015 min
Response: 810172
Conc: 14.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



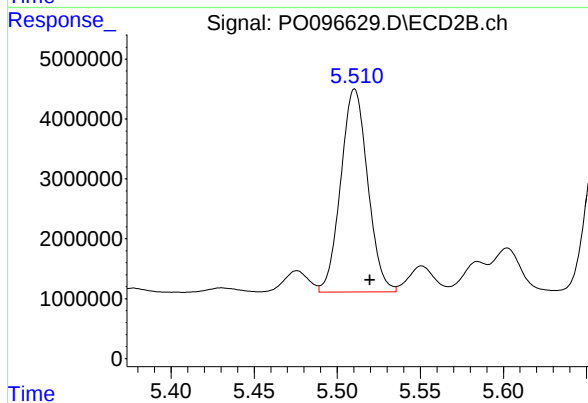
#19 AR-1242-4

R.T.: 4.985 min
Delta R.T.: -0.010 min
Response: 5149265
Conc: 164.28 ng/ml



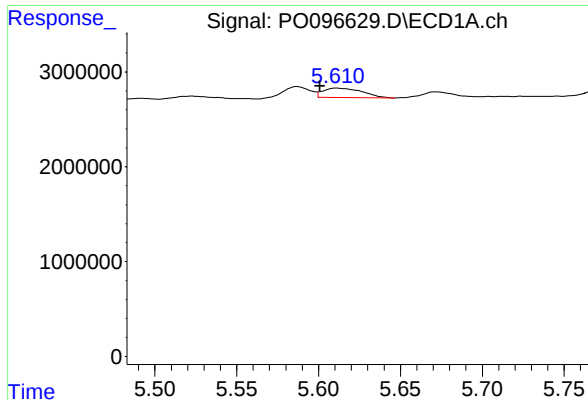
#20 AR-1242-5

R.T.: 6.519 min
Delta R.T.: -0.010 min
Response: 13888407
Conc: 250.49 ng/ml



#20 AR-1242-5

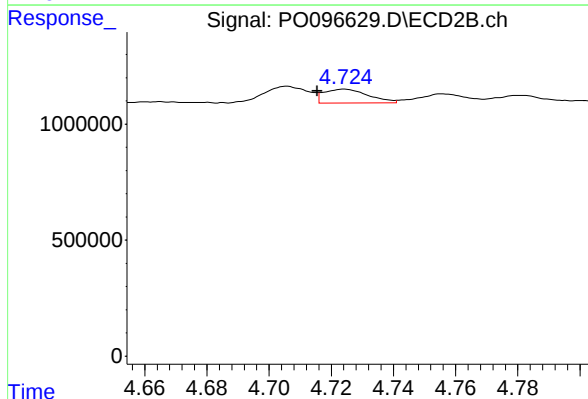
R.T.: 5.511 min
Delta R.T.: -0.009 min
Response: 38239149
Conc: 1059.92 ng/ml



#21 AR-1248-1

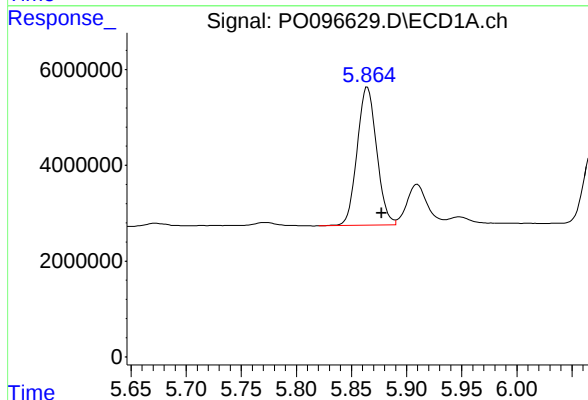
R.T.: 5.611 min
Delta R.T.: 0.010 min
Response: 1681447
Conc: 29.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



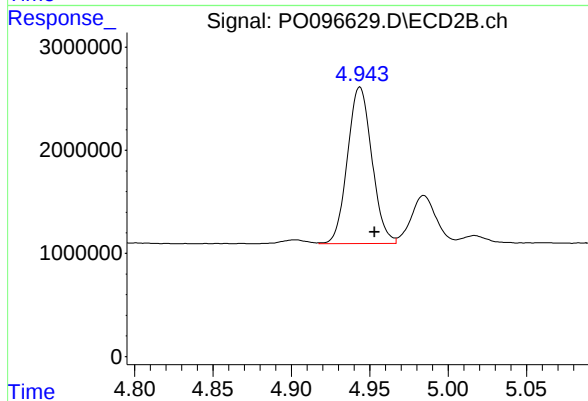
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: 0.009 min
Response: 586097
Conc: 20.98 ng/ml



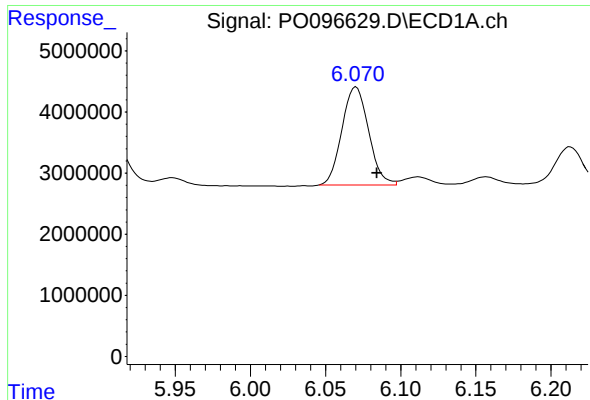
#22 AR-1248-2

R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 35442579
Conc: 382.17 ng/ml



#22 AR-1248-2

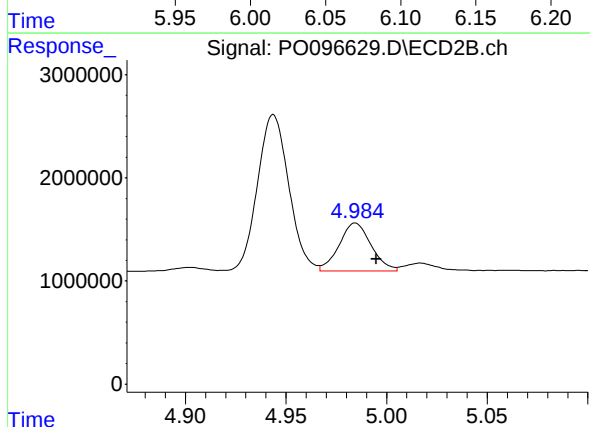
R.T.: 4.944 min
Delta R.T.: -0.009 min
Response: 16436170
Conc: 389.85 ng/ml



#23 AR-1248-3

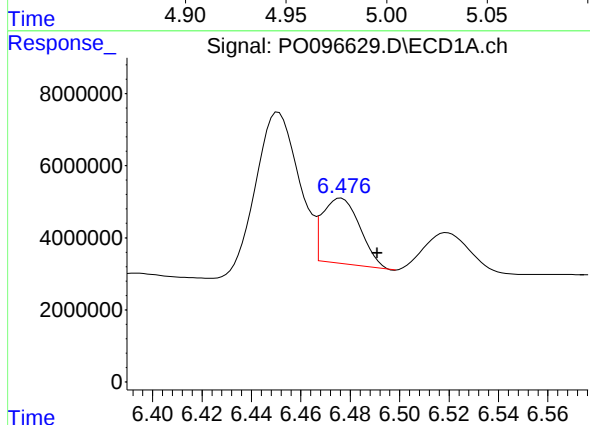
R.T.: 6.070 min
Delta R.T.: -0.014 min
Response: 19836880
Conc: 201.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



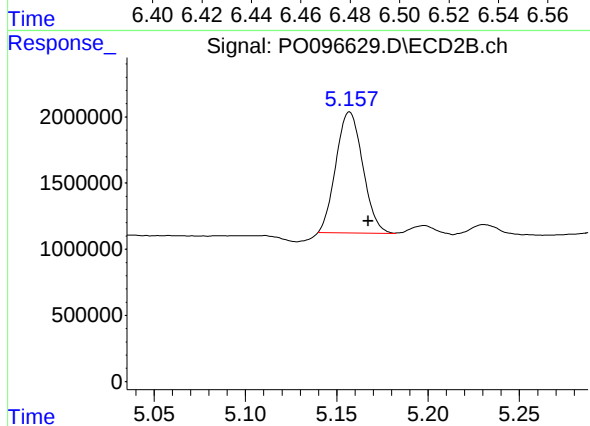
#23 AR-1248-3

R.T.: 4.985 min
Delta R.T.: -0.010 min
Response: 5149265
Conc: 117.19 ng/ml



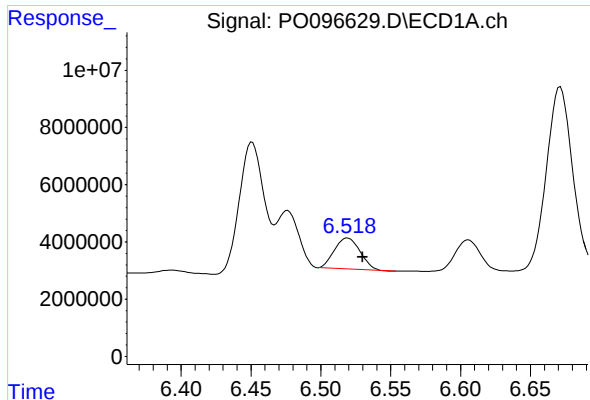
#24 AR-1248-4

R.T.: 6.476 min
Delta R.T.: -0.015 min
Response: 19067003
Conc: 205.39 ng/ml



#24 AR-1248-4

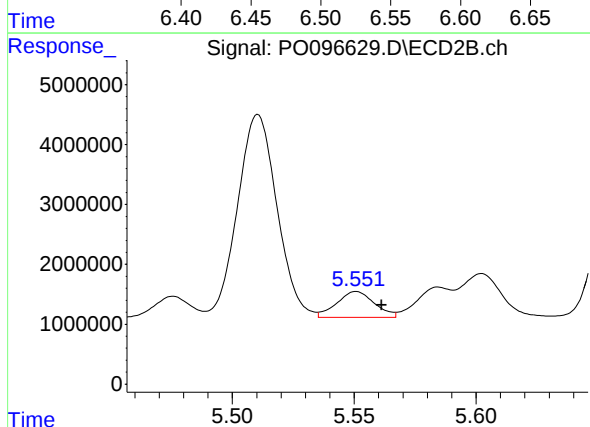
R.T.: 5.157 min
Delta R.T.: -0.010 min
Response: 9370168
Conc: 182.76 ng/ml



#25 AR-1248-5

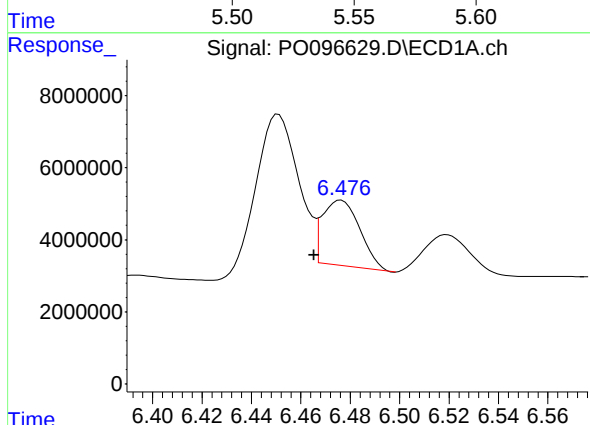
R.T.: 6.519 min
Delta R.T.: -0.011 min
Response: 13888407
Conc: 150.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



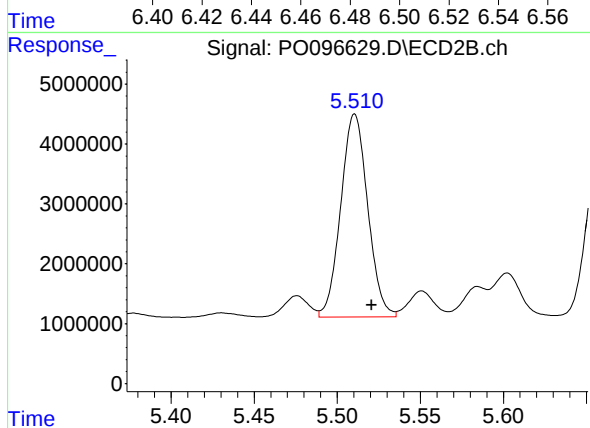
#25 AR-1248-5

R.T.: 5.551 min
Delta R.T.: -0.010 min
Response: 4650777
Conc: 99.08 ng/ml



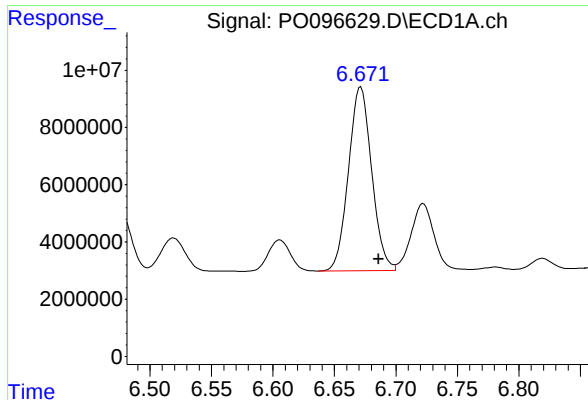
#26 AR-1254-1

R.T.: 6.476 min
Delta R.T.: 0.011 min
Response: 19067003
Conc: 180.30 ng/ml



#26 AR-1254-1

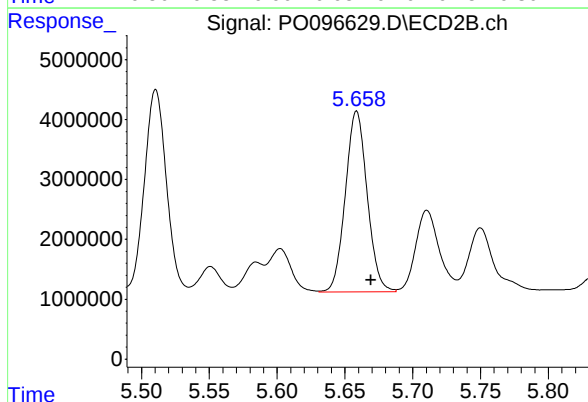
R.T.: 5.511 min
Delta R.T.: -0.010 min
Response: 38239149
Conc: 520.39 ng/ml



#27 AR-1254-2

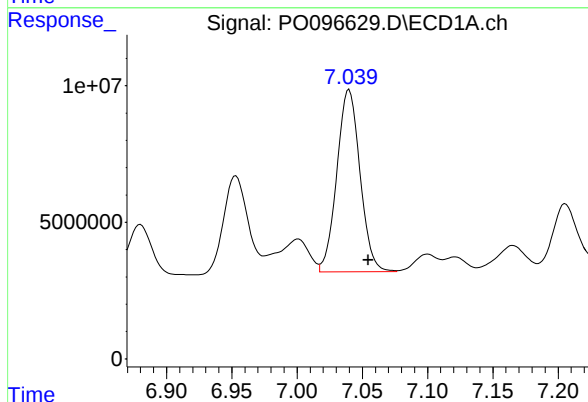
R.T.: 6.671 min
Delta R.T.: -0.014 min
Response: 84200818
Conc: 542.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



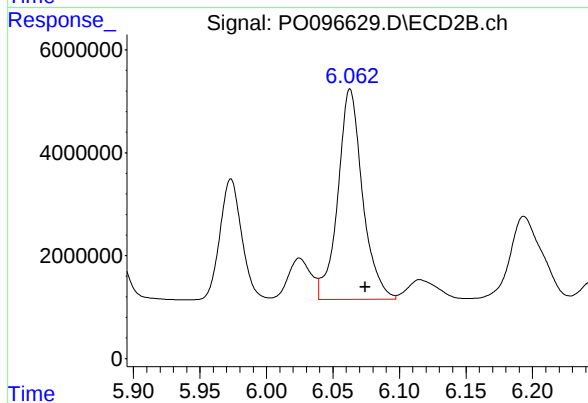
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: -0.011 min
Response: 33841431
Conc: 518.49 ng/ml



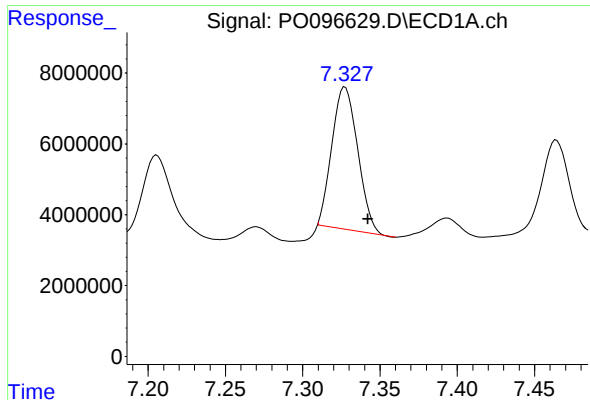
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: -0.015 min
Response: 82483916
Conc: 540.45 ng/ml



#28 AR-1254-3

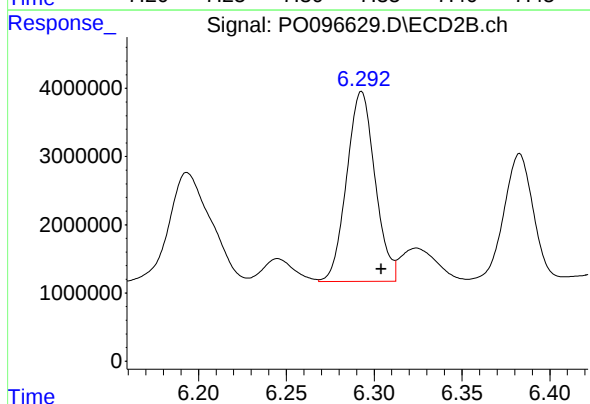
R.T.: 6.063 min
Delta R.T.: -0.011 min
Response: 52800213
Conc: 523.27 ng/ml



#29 AR-1254-4

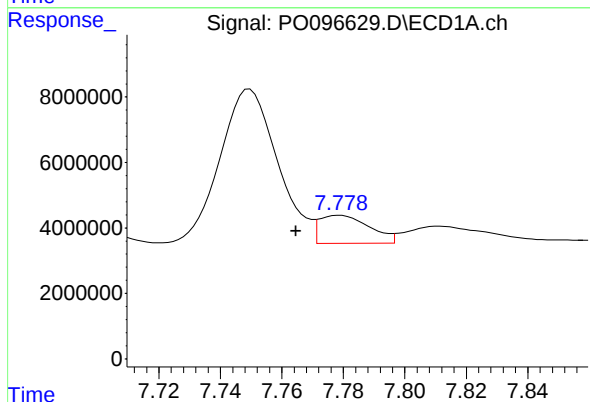
R.T.: 7.327 min
Delta R.T.: -0.015 min
Response: 46730404
Conc: 478.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



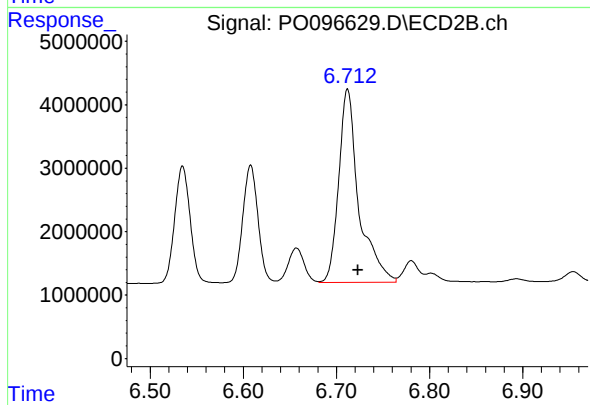
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.011 min
Response: 31318384
Conc: 525.00 ng/ml



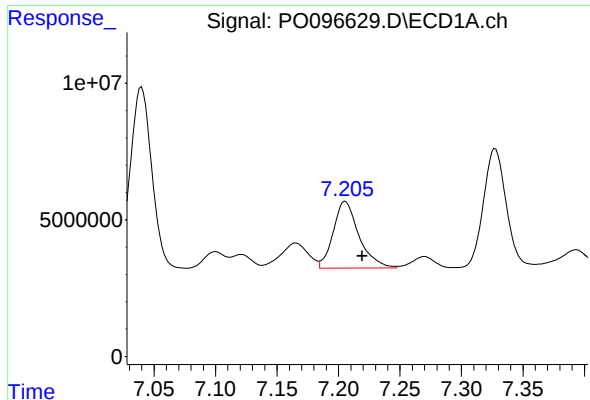
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: 0.014 min
Response: 9672833
Conc: 87.78 ng/ml



#30 AR-1254-5

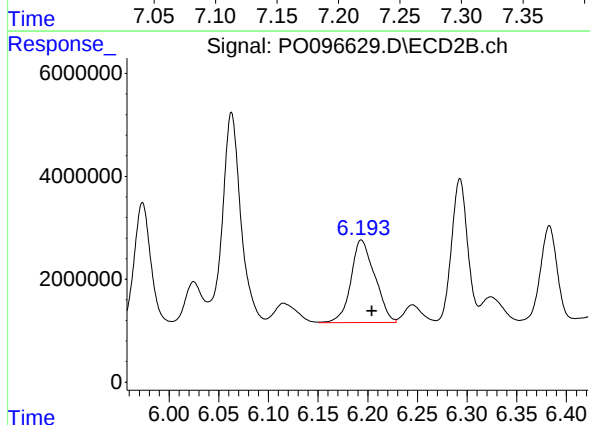
R.T.: 6.712 min
Delta R.T.: -0.011 min
Response: 45676782
Conc: 526.18 ng/ml



#31 AR-1260-1

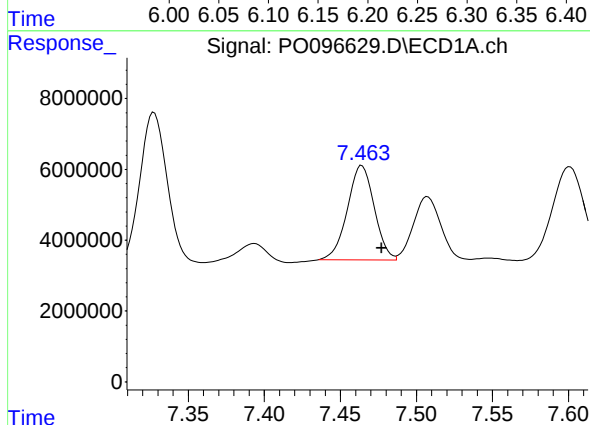
R.T.: 7.205 min
Delta R.T.: -0.014 min
Response: 35615128
Conc: 273.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



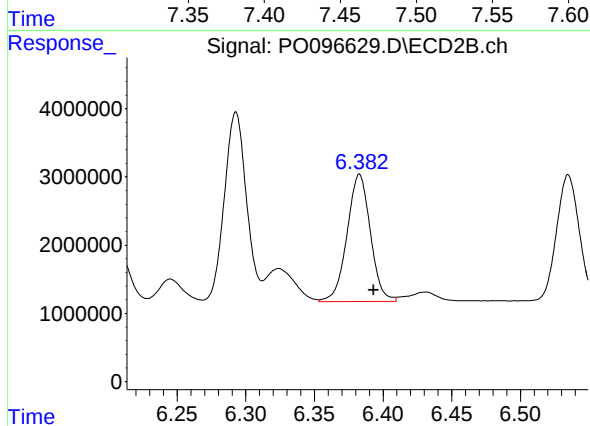
#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.011 min
Response: 26758723
Conc: 367.20 ng/ml



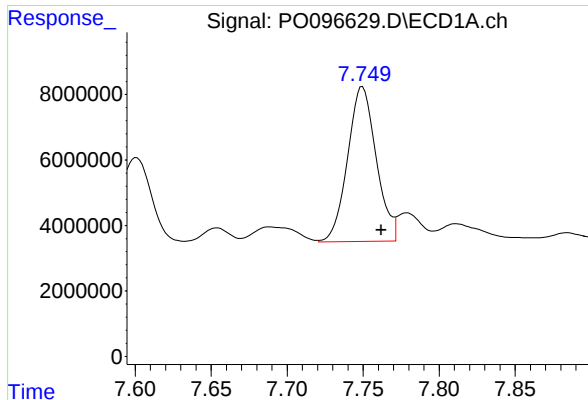
#32 AR-1260-2

R.T.: 7.464 min
Delta R.T.: -0.013 min
Response: 32808862
Conc: 239.48 ng/ml



#32 AR-1260-2

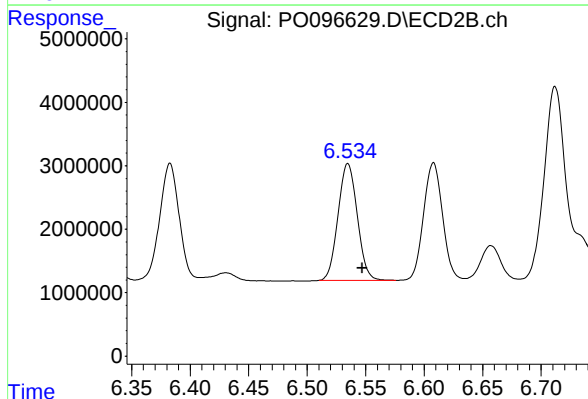
R.T.: 6.383 min
Delta R.T.: -0.011 min
Response: 22019335
Conc: 254.61 ng/ml



#33 AR-1260-3

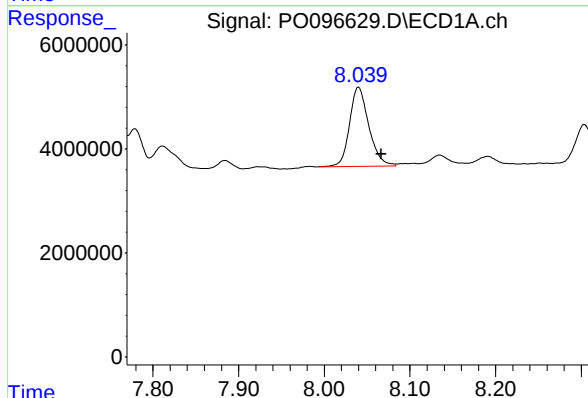
R.T.: 7.750 min
Delta R.T.: -0.012 min
Response: 61848123
Conc: 404.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



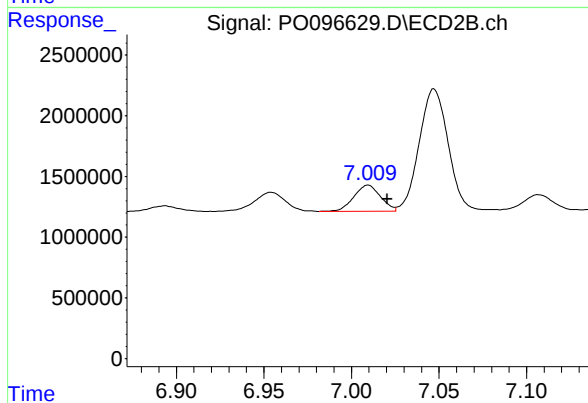
#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.012 min
Response: 21045216
Conc: 262.96 ng/ml



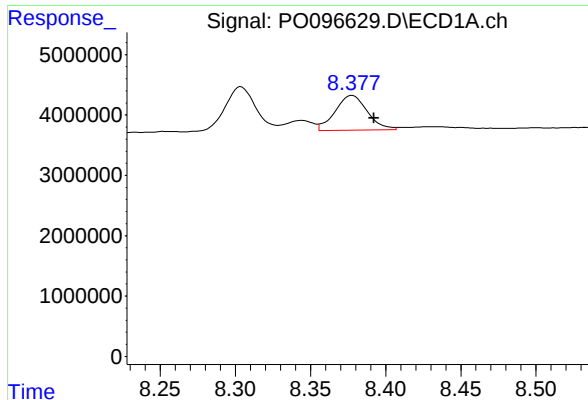
#34 AR-1260-4

R.T.: 8.040 min
Delta R.T.: -0.026 min
Response: 23714936
Conc: 194.76 ng/ml



#34 AR-1260-4

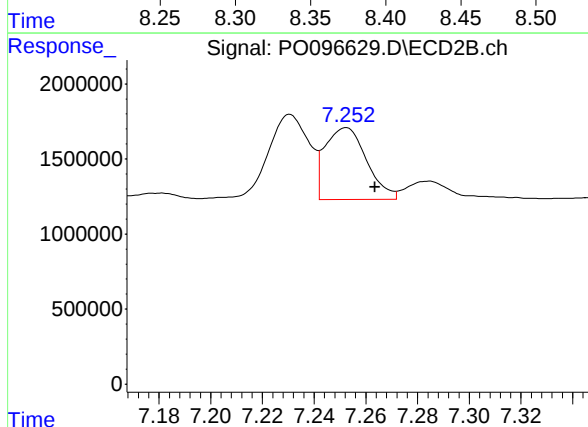
R.T.: 7.010 min
Delta R.T.: -0.011 min
Response: 2271228
Conc: 34.78 ng/ml



#35 AR-1260-5

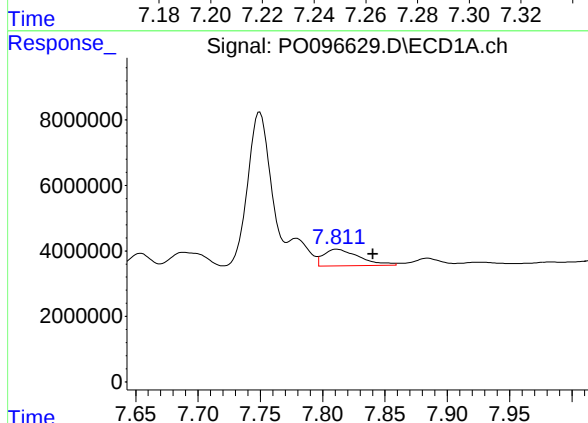
R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 8509413
Conc: 38.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



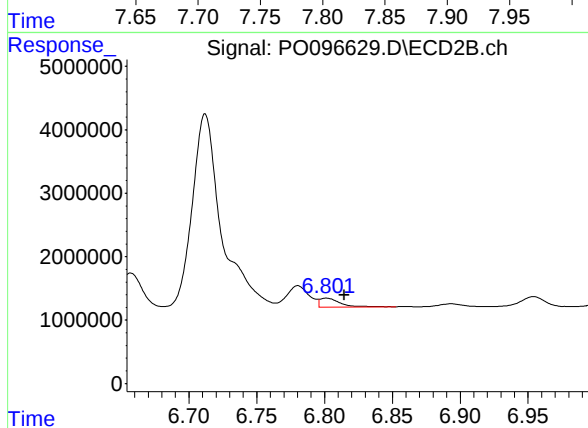
#35 AR-1260-5

R.T.: 7.252 min
Delta R.T.: -0.011 min
Response: 5324237
Conc: 37.57 ng/ml



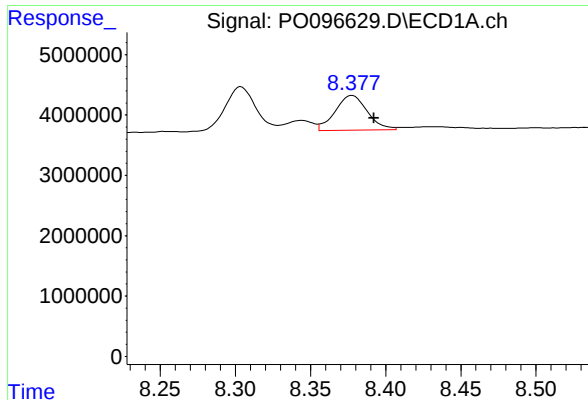
#36 AR-1262-1

R.T.: 7.811 min
Delta R.T.: -0.029 min
Response: 10065588
Conc: 68.17 ng/ml



#36 AR-1262-1

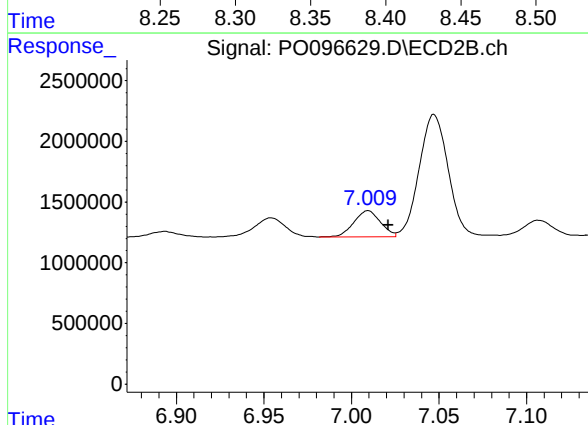
R.T.: 6.802 min
Delta R.T.: -0.013 min
Response: 1482175
Conc: 37.73 ng/ml



#37 AR-1262-2

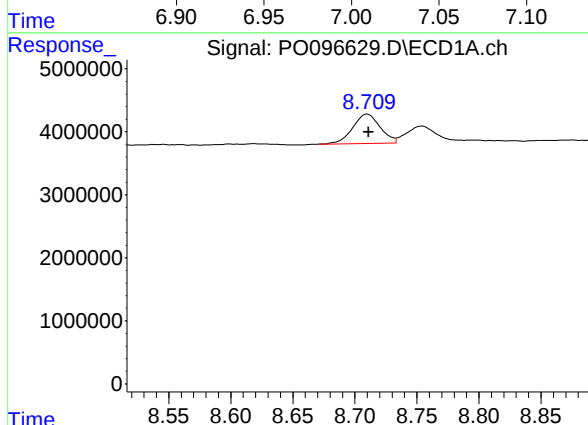
R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 8509413
Conc: 37.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



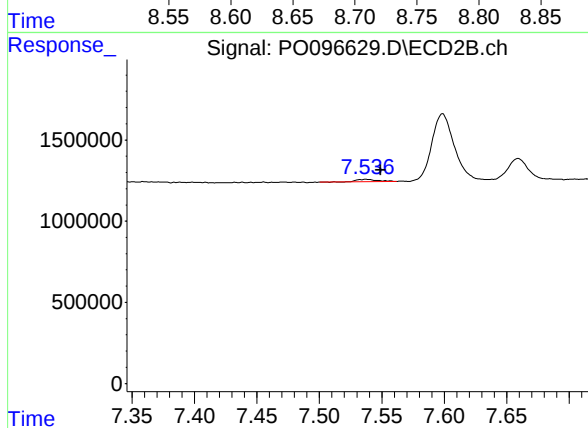
#37 AR-1262-2

R.T.: 7.010 min
Delta R.T.: -0.012 min
Response: 2271228
Conc: 27.83 ng/ml



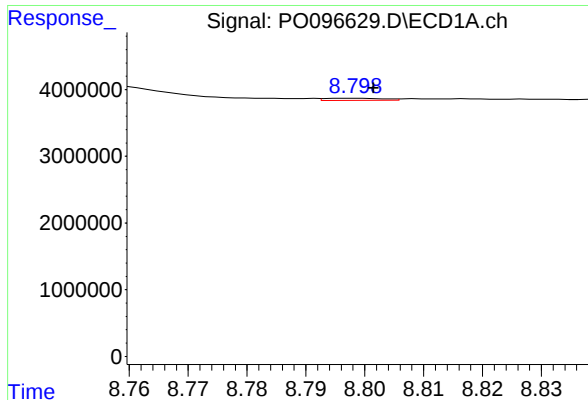
#38 AR-1262-3

R.T.: 8.710 min
Delta R.T.: -0.001 min
Response: 7218781
Conc: 43.43 ng/ml



#38 AR-1262-3

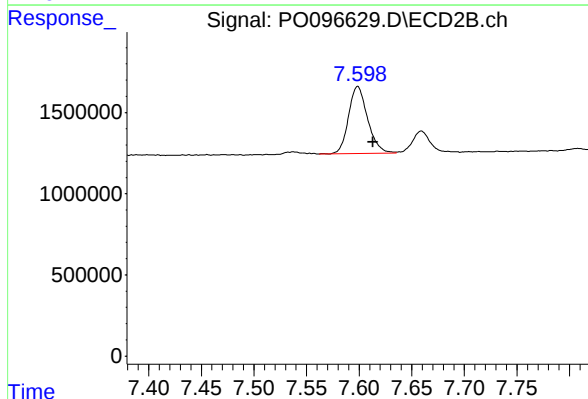
R.T.: 7.537 min
Delta R.T.: -0.012 min
Response: 170276
Conc: 2.66 ng/ml



#39 AR-1262-4

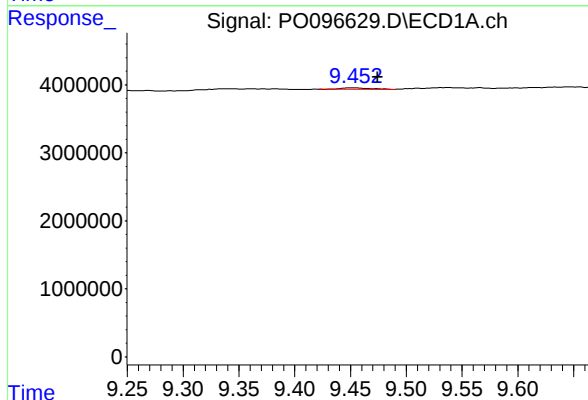
R.T.: 8.799 min
Delta R.T.: -0.003 min
Response: 205175
Conc: 1.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



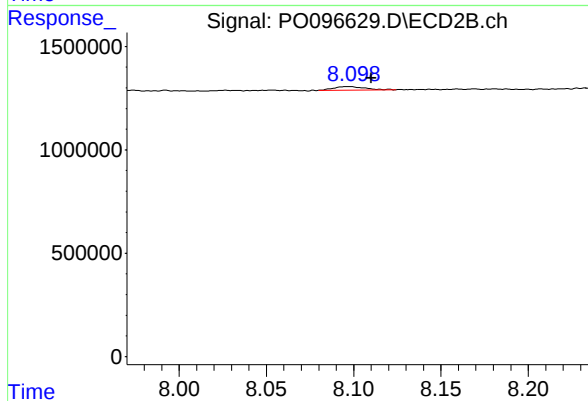
#39 AR-1262-4

R.T.: 7.599 min
Delta R.T.: -0.014 min
Response: 5222676
Conc: 46.11 ng/ml



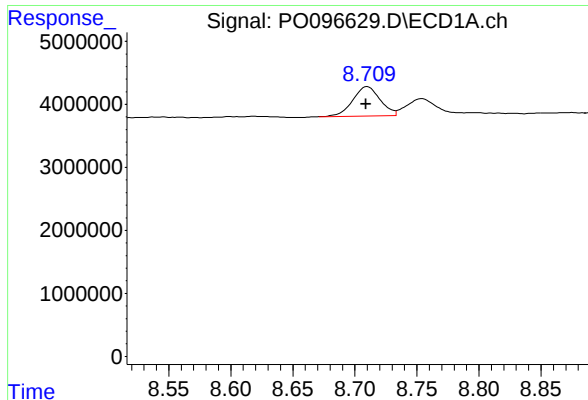
#40 AR-1262-5

R.T.: 9.452 min
Delta R.T.: -0.022 min
Response: 367834
Conc: 4.31 ng/ml



#40 AR-1262-5

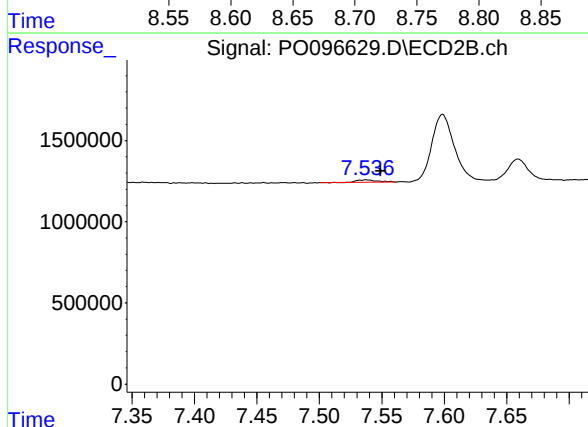
R.T.: 8.097 min
Delta R.T.: -0.013 min
Response: 215304
Conc: 4.14 ng/ml



#41 AR-1268-1

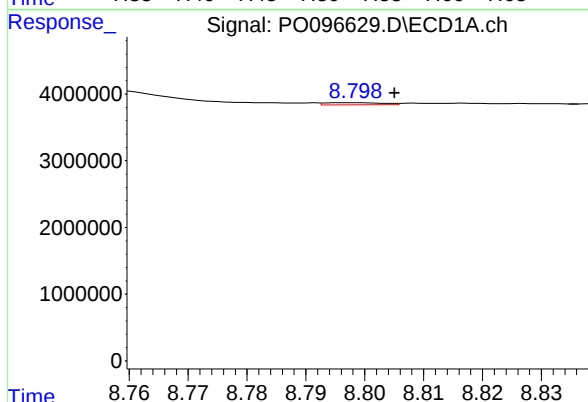
R.T.: 8.710 min
Delta R.T.: 0.000 min
Response: 7218781
Conc: 23.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



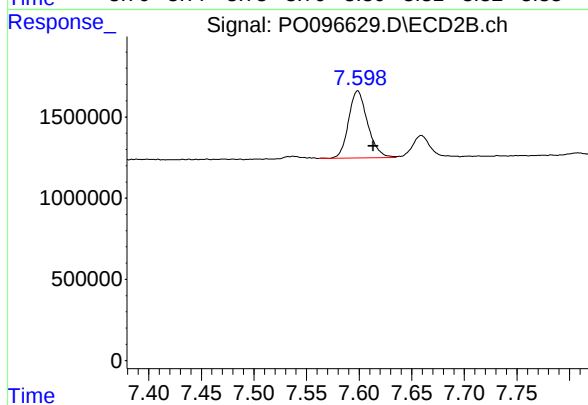
#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: -0.011 min
Response: 170276
Conc: 0.91 ng/ml



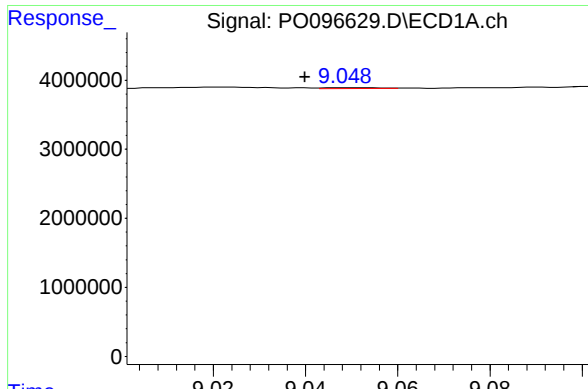
#42 AR-1268-2

R.T.: 8.799 min
Delta R.T.: -0.006 min
Response: 205175
Conc: 0.77 ng/ml



#42 AR-1268-2

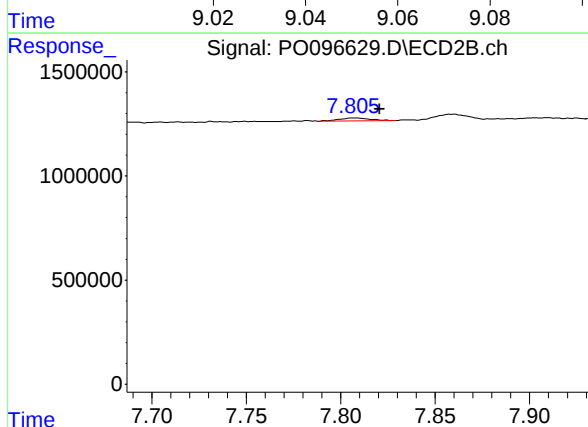
R.T.: 7.599 min
Delta R.T.: -0.015 min
Response: 5222676
Conc: 31.04 ng/ml



#43 AR-1268-3

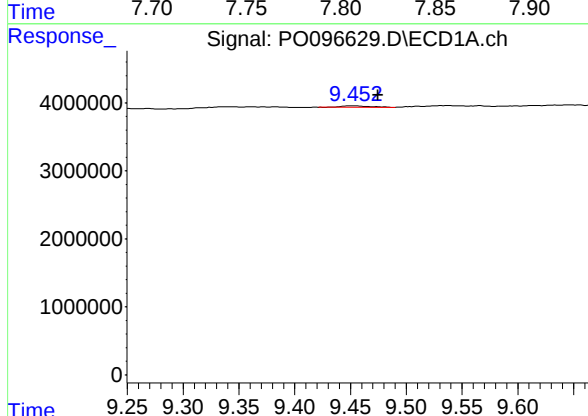
R.T.: 9.049 min
Delta R.T.: 0.009 min
Response: 99813
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



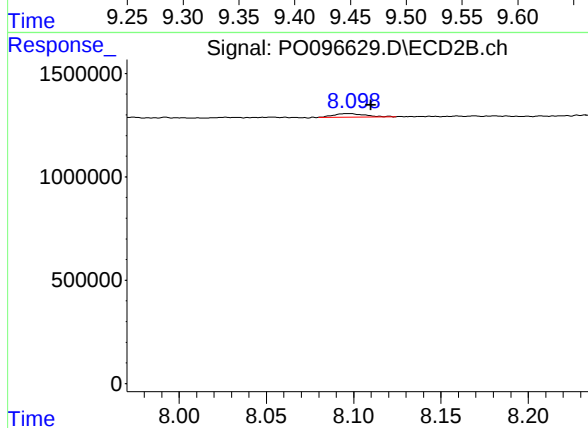
#43 AR-1268-3

R.T.: 7.807 min
Delta R.T.: -0.013 min
Response: 166312
Conc: 1.13 ng/ml



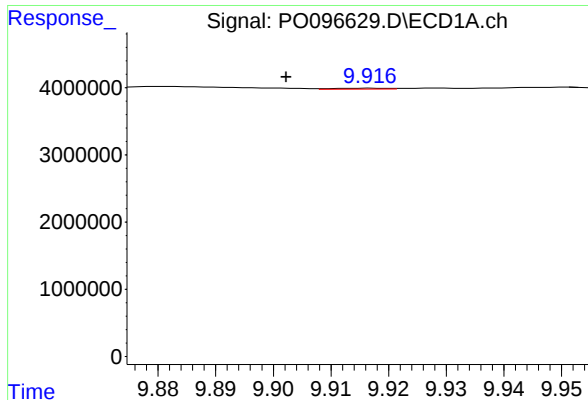
#44 AR-1268-4

R.T.: 9.452 min
Delta R.T.: -0.023 min
Response: 367834
Conc: 3.97 ng/ml



#44 AR-1268-4

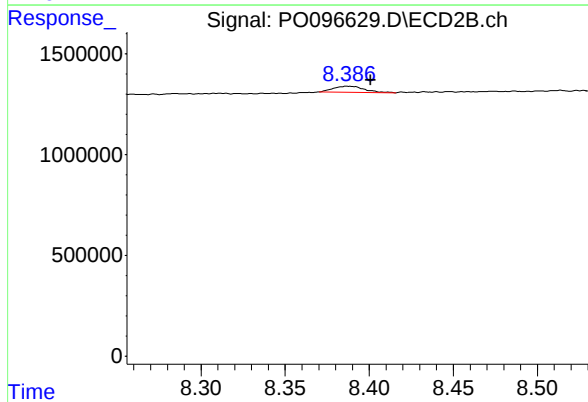
R.T.: 8.097 min
Delta R.T.: -0.013 min
Response: 215304
Conc: 3.62 ng/ml



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: 0.015 min
Response: 96736
Conc: 0.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: -0.013 min
Response: 389536
Conc: 0.90 ng/ml