

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121823\
 Data File : P0100553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 16:50
 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: Dec 19 00:51:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 16 05:19:37 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...	4.473	3.698	79609648	74899457	50.327	49.325
2) SA Decachlor...	10.346	8.783	57135250	59766061	50.885	47.992
Target Compounds						
3) L1 AR-1016-1	5.660	4.799	600882	629164	12.973	19.068 #
4) L1 AR-1016-2	5.684	4.820	728446	493578	10.725	10.893
5) L1 AR-1016-3	5.748	5.000	276937	429577	6.588	17.966 #
6) L1 AR-1016-4	5.845	5.040	370689	11141307	11.184	545.203 #
7) L1 AR-1016-5	6.144	5.256	8608921	6886873	243.894	267.950
8) L2 AR-1221-1	4.686	3.911	371369	65893	21.133	3.685 #
9) L2 AR-1221-2	4.784	4.002	1591587	1378998	120.539	105.442
10) L2 AR-1221-3	4.847	4.079	260414	294111	6.282	7.892 #
11) L3 AR-1232-1	4.847	4.079	260414	294111	8.055	9.930
12) L3 AR-1232-2	5.387	4.820	457081	493578	26.944	23.630
13) L3 AR-1232-3	5.684	5.000	728446	429577	24.558	39.746 #
14) L3 AR-1232-4	5.845	5.081	370689	3540826	27.173	343.329 #
15) L3 AR-1232-5	5.937	5.256	15558423	6886873	1296.722	622.423 #
16) L4 AR-1242-1	5.660	4.799	600882	629164	16.236	23.062 #
17) L4 AR-1242-2	5.684	4.820	728446	493578	13.489	13.124
18) L4 AR-1242-3	5.748	5.000	276937	429577	8.317	21.532 #
19) L4 AR-1242-4	5.845	5.081	370689	3540826	14.261	168.738 #
20) L4 AR-1242-5	6.595	5.613	7734444	25293411	314.132	1089.378 #
21) L5 AR-1248-1	5.660	4.799	600882	629164	22.338	30.212 #
22) L5 AR-1248-2	5.937	5.040	15558423	11141307	344.563	380.563
23) L5 AR-1248-3	6.144	5.081	8608921	3540826	178.014	117.444 #
24) L5 AR-1248-4	6.552	5.256	11503258	6886873	263.789	199.652
25) L5 AR-1248-5	6.595	5.655	7734444	2833171	185.671	96.206 #
26) L6 AR-1254-1	6.526	5.613	27843018	25293411	507.808	502.890
27) L6 AR-1254-2	6.747	5.762	41377976	22873764	512.485	497.268
28) L6 AR-1254-3	7.117	6.171	41805685	38226759	546.848	505.727
29) L6 AR-1254-4	7.408	6.401	25349963	21523326	584.550	509.773
30) L6 AR-1254-5	7.831	6.823	29904891	35570129	539.524	485.139
31) L7 AR-1260-1	7.285	6.301	16327652	18918872	254.085	313.564
32) L7 AR-1260-2	7.544	6.491	16519013	15951639	233.833	223.207
33) L7 AR-1260-3	7.893	6.646	4163814	16429474	74.564	234.092 #
34) L7 AR-1260-4	8.123	7.122	10727995	1785350	174.918	29.555 #
35) L7 AR-1260-5	8.465	7.365	4157635	4254934	36.618	32.494
36) L8 AR-1262-1	7.831	6.823	29904891	35570129	639.920	922.753 #
37) L8 AR-1262-2	8.465	7.122	4157635	1785350	35.035	22.935 #
38) L8 AR-1262-3	8.803	7.630	2898505	21672	34.817	0.378 #
39) L8 AR-1262-4	8.877	7.714	74481	4349361	1.136	39.739 #
40) L8 AR-1262-5	9.562	8.199	132336	65082	3.391	1.399 #
41) L9 AR-1268-1	8.803	7.630	2898505	21672	18.994	0.123 #

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 Response via : Initial Calibration
 Integrator: ChemStation

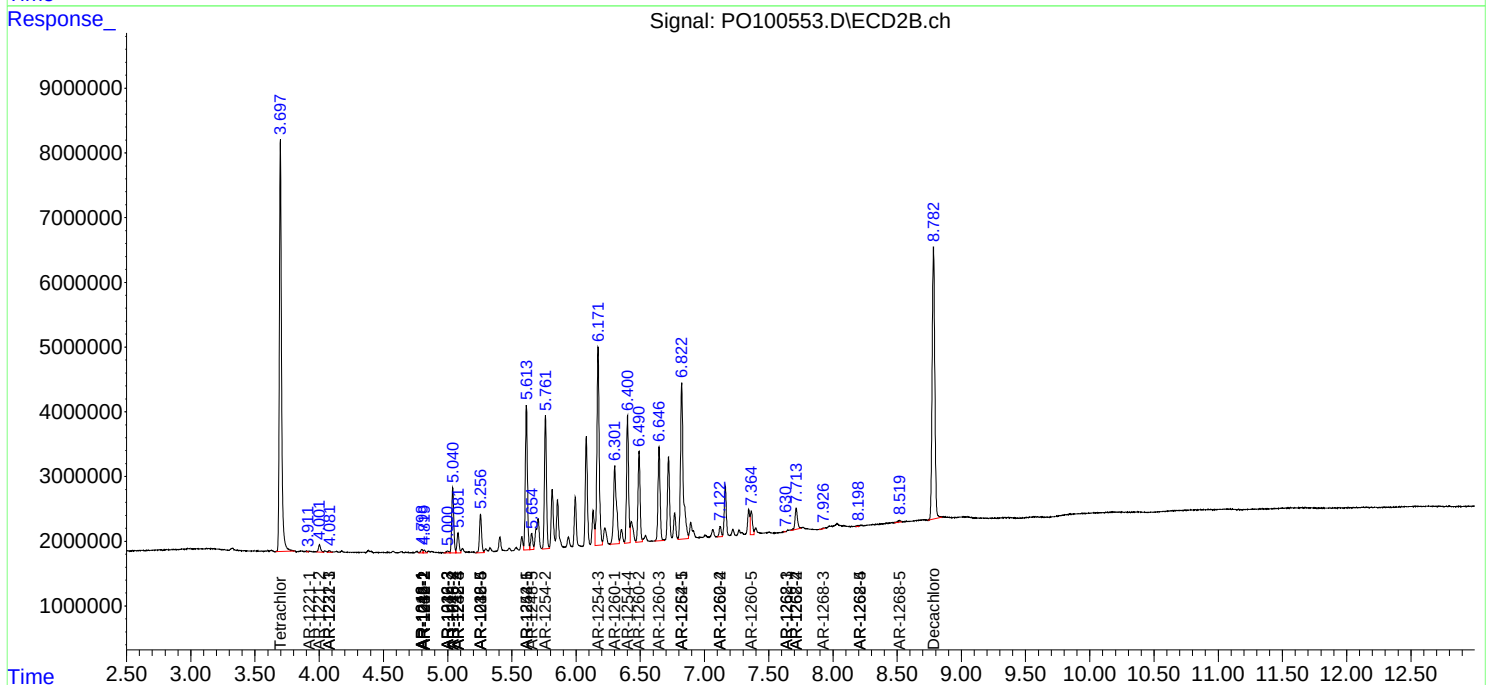
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

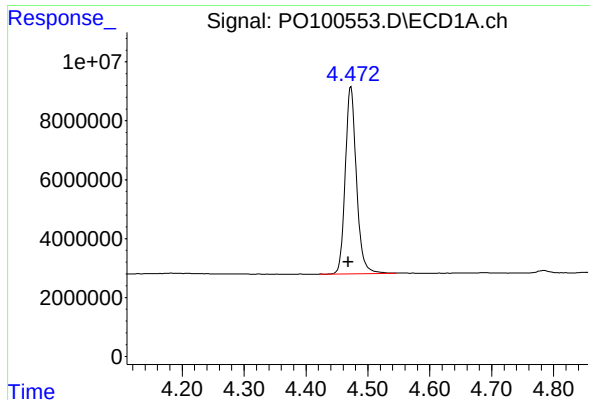
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.877	7.714	74481	4349361	0.558	26.998 #
43) L9	AR-1268-3	9.109	7.927	59724	116390	0.477	0.772 #
44) L9	AR-1268-4	9.562	8.199	132336	65082	3.105	1.233 #
45) L9	AR-1268-5	9.986	8.519	132285	390665	0.368	0.932 #

(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

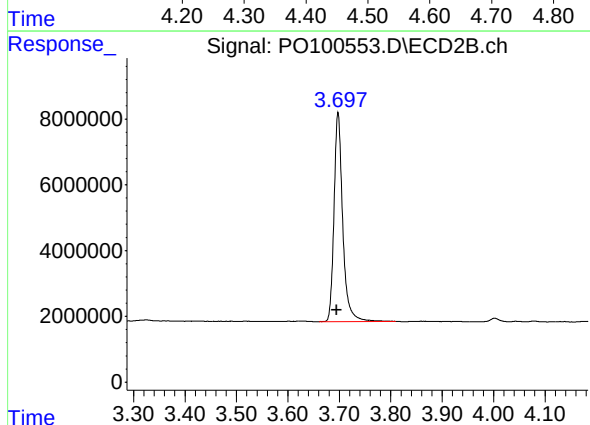




#1 Tetrachloro-m-xylene

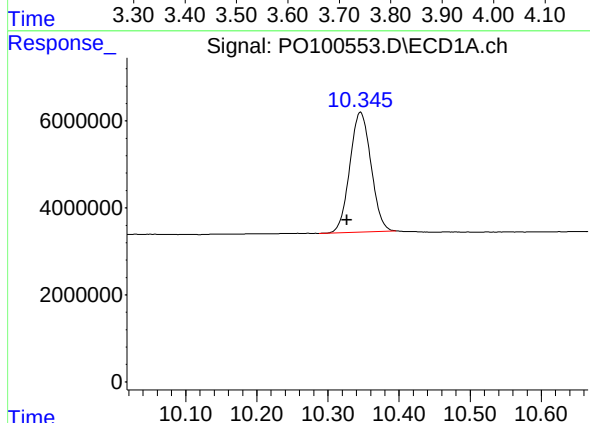
R.T.: 4.473 min
Delta R.T.: 0.005 min
Response: 79609648
Conc: 50.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



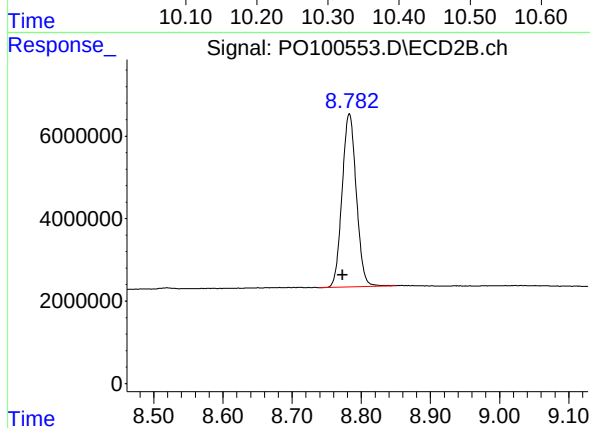
#1 Tetrachloro-m-xylene

R.T.: 3.698 min
Delta R.T.: 0.003 min
Response: 74899457
Conc: 49.32 ng/ml



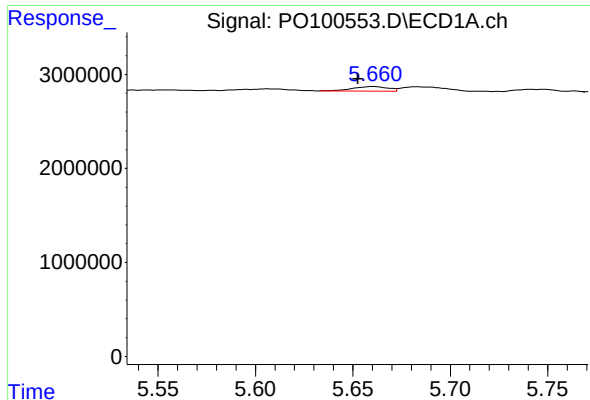
#2 Decachlorobiphenyl

R.T.: 10.346 min
Delta R.T.: 0.019 min
Response: 57135250
Conc: 50.89 ng/ml



#2 Decachlorobiphenyl

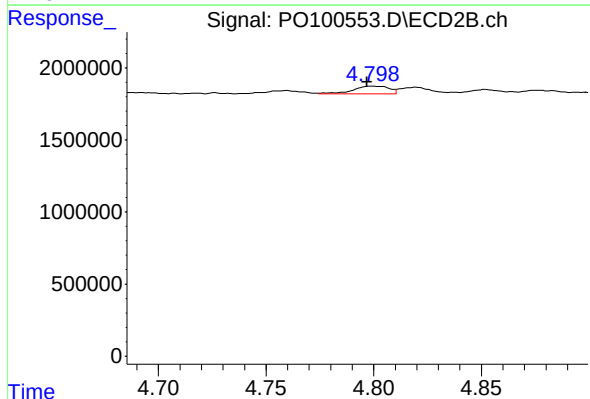
R.T.: 8.783 min
Delta R.T.: 0.009 min
Response: 59766061
Conc: 47.99 ng/ml



#3 AR-1016-1

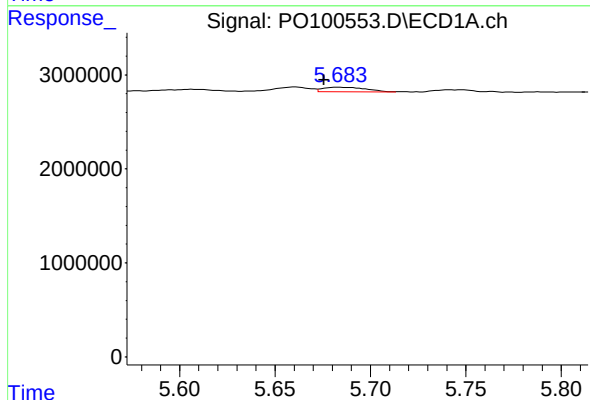
R.T.: 5.660 min
Delta R.T.: 0.008 min
Response: 600882
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



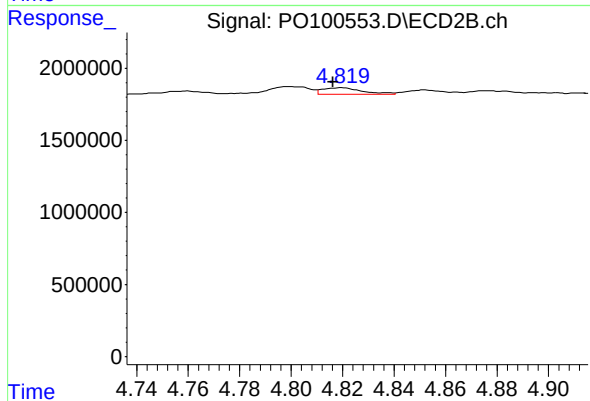
#3 AR-1016-1

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 629164
Conc: 19.07 ng/ml



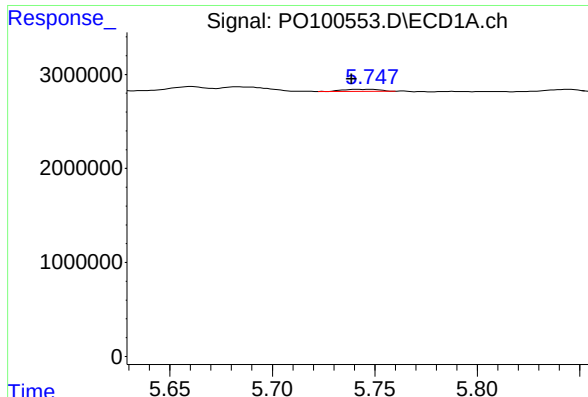
#4 AR-1016-2

R.T.: 5.684 min
Delta R.T.: 0.008 min
Response: 728446
Conc: 10.72 ng/ml



#4 AR-1016-2

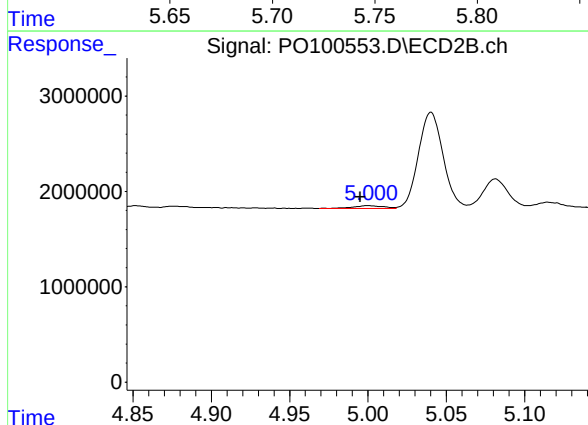
R.T.: 4.820 min
Delta R.T.: 0.003 min
Response: 493578
Conc: 10.89 ng/ml



#5 AR-1016-3

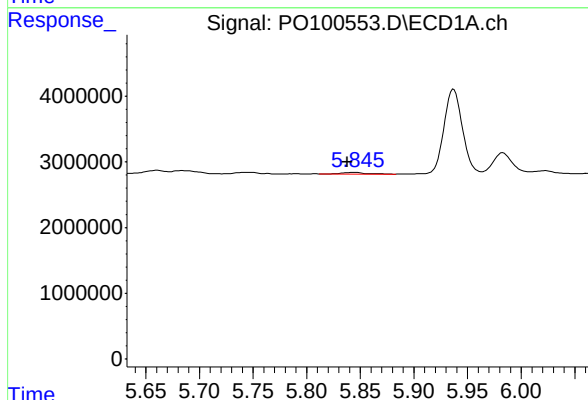
R.T.: 5.748 min
Delta R.T.: 0.009 min
Response: 276937
Conc: 6.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



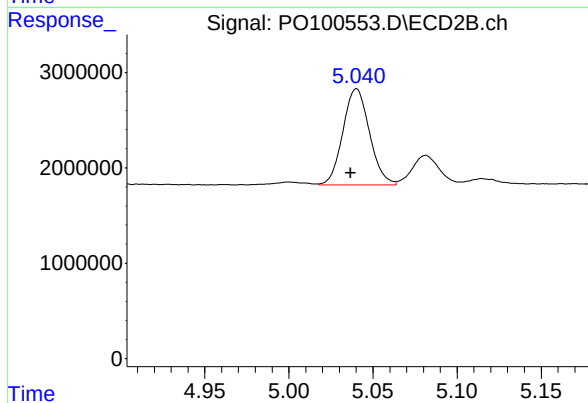
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: 0.005 min
Response: 429577
Conc: 17.97 ng/ml



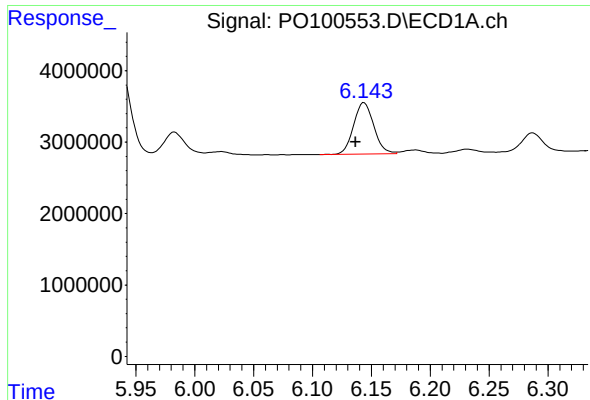
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: 0.007 min
Response: 370689
Conc: 11.18 ng/ml



#6 AR-1016-4

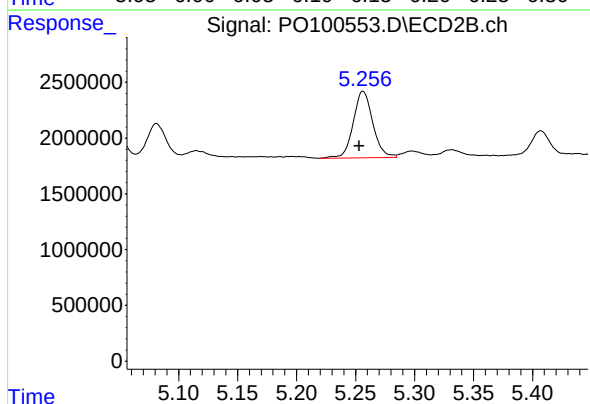
R.T.: 5.040 min
Delta R.T.: 0.003 min
Response: 11141307
Conc: 545.20 ng/ml



#7 AR-1016-5

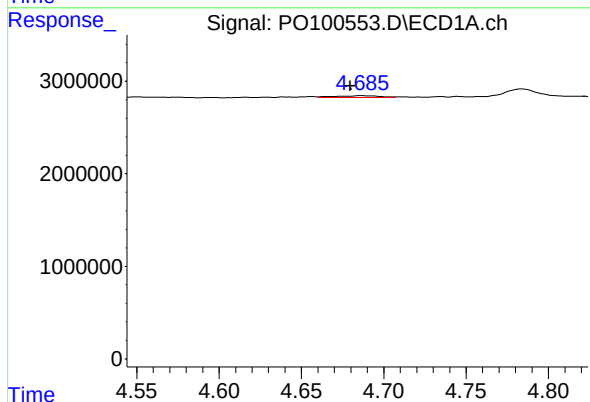
R.T.: 6.144 min
Delta R.T.: 0.007 min
Response: 8608921
Conc: 243.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



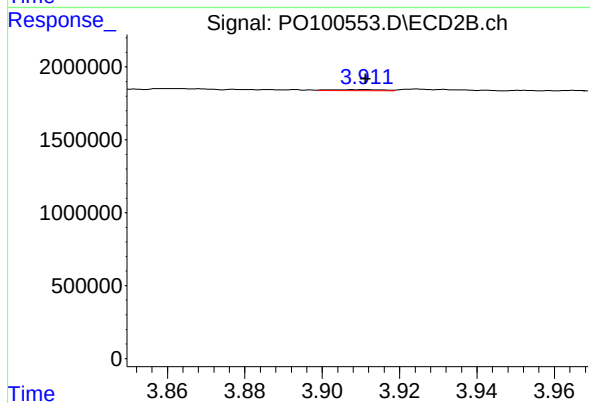
#7 AR-1016-5

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 6886873
Conc: 267.95 ng/ml



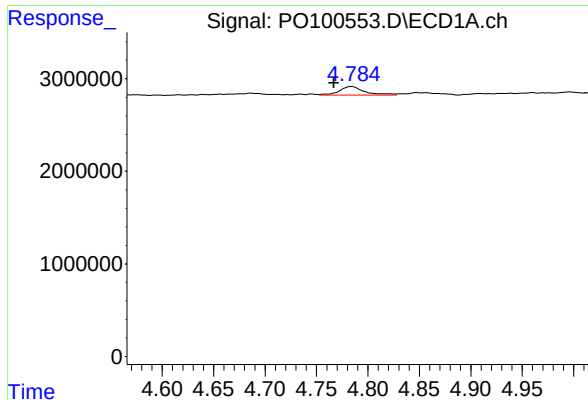
#8 AR-1221-1

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 371369
Conc: 21.13 ng/ml



#8 AR-1221-1

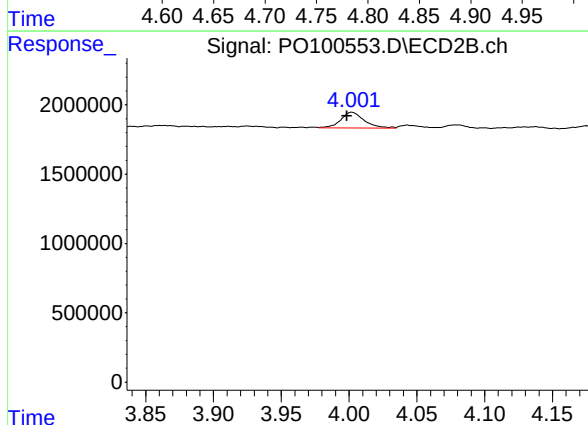
R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 65893
Conc: 3.68 ng/ml



#9 AR-1221-2

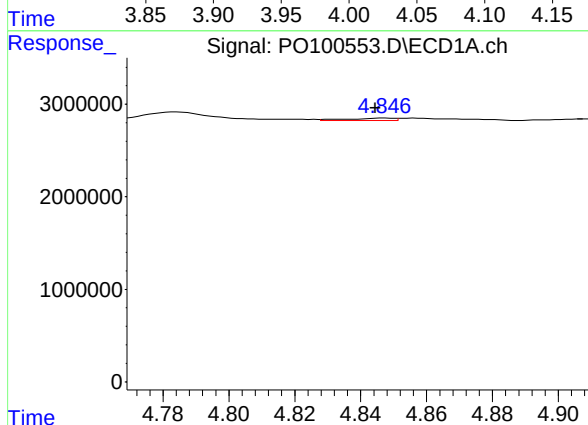
R.T.: 4.784 min
Delta R.T.: 0.017 min
Response: 1591587
Conc: 120.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



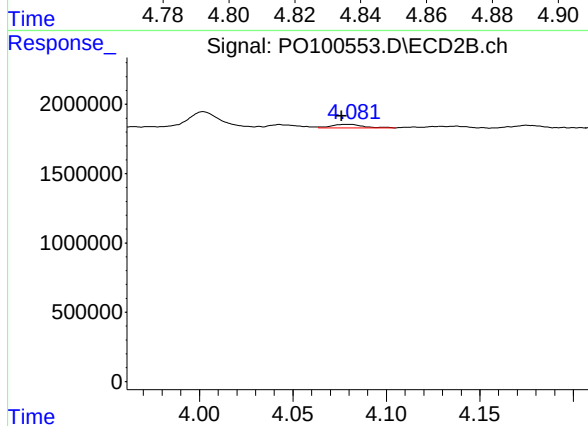
#9 AR-1221-2

R.T.: 4.002 min
Delta R.T.: 0.004 min
Response: 1378998
Conc: 105.44 ng/ml



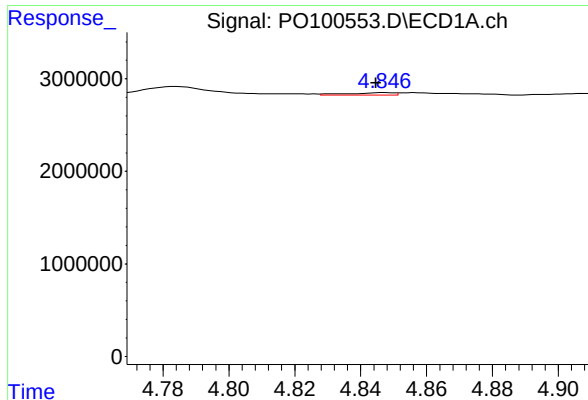
#10 AR-1221-3

R.T.: 4.847 min
Delta R.T.: 0.003 min
Response: 260414
Conc: 6.28 ng/ml



#10 AR-1221-3

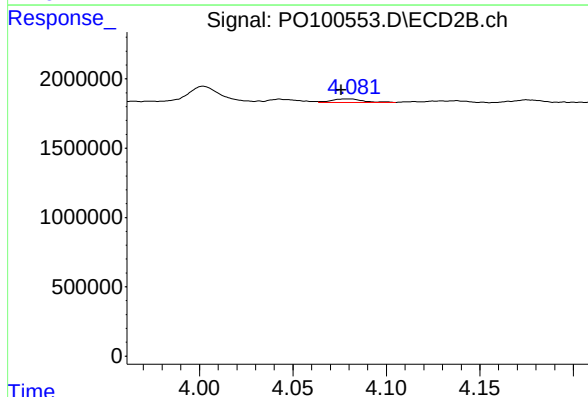
R.T.: 4.079 min
Delta R.T.: 0.003 min
Response: 294111
Conc: 7.89 ng/ml



#11 AR-1232-1

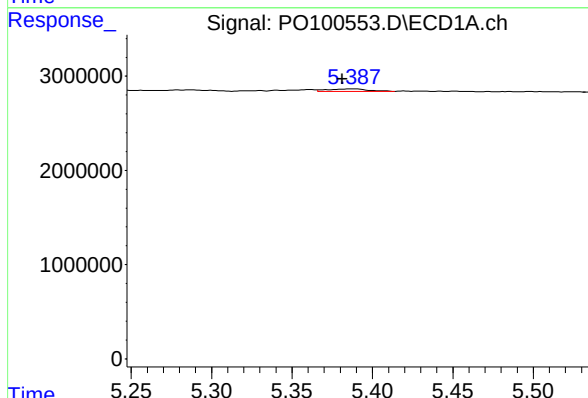
R.T.: 4.847 min
Delta R.T.: 0.003 min
Response: 260414
Conc: 8.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



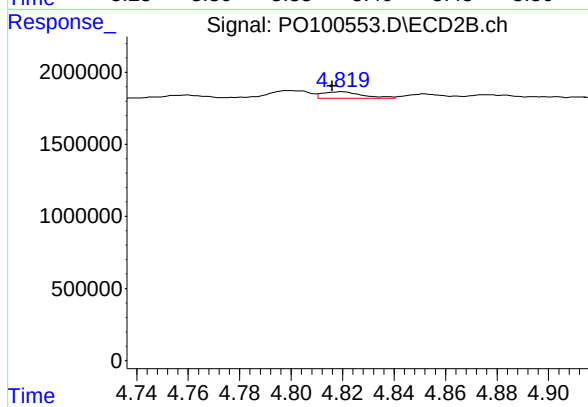
#11 AR-1232-1

R.T.: 4.079 min
Delta R.T.: 0.004 min
Response: 294111
Conc: 9.93 ng/ml



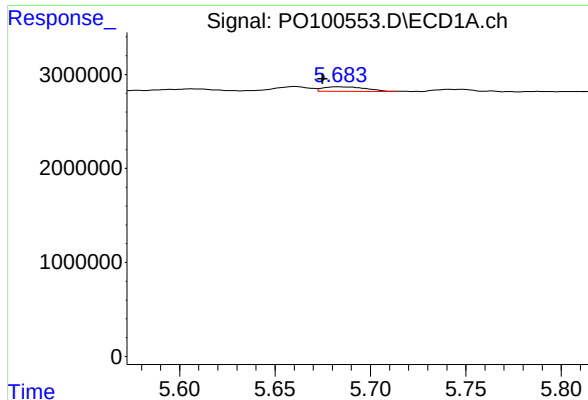
#12 AR-1232-2

R.T.: 5.387 min
Delta R.T.: 0.006 min
Response: 457081
Conc: 26.94 ng/ml



#12 AR-1232-2

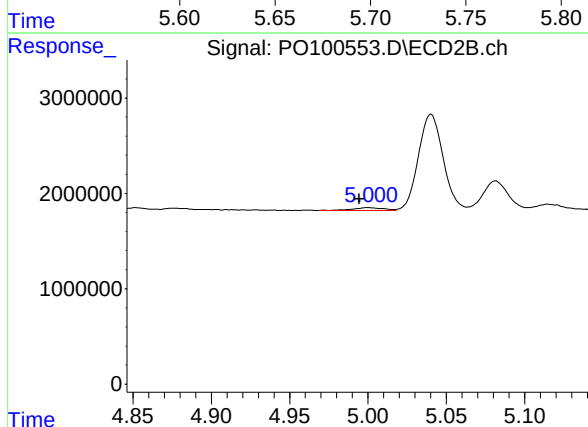
R.T.: 4.820 min
Delta R.T.: 0.004 min
Response: 493578
Conc: 23.63 ng/ml



#13 AR-1232-3

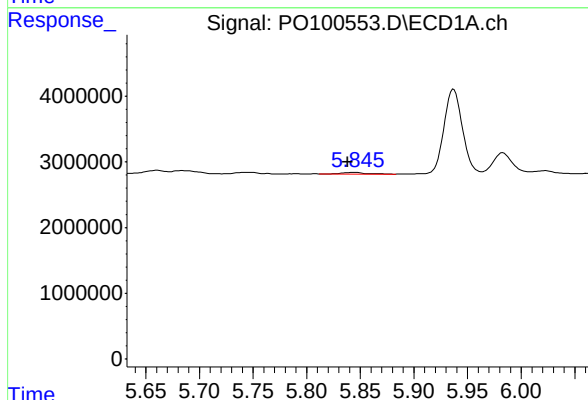
R.T.: 5.684 min
Delta R.T.: 0.009 min
Response: 728446
Conc: 24.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



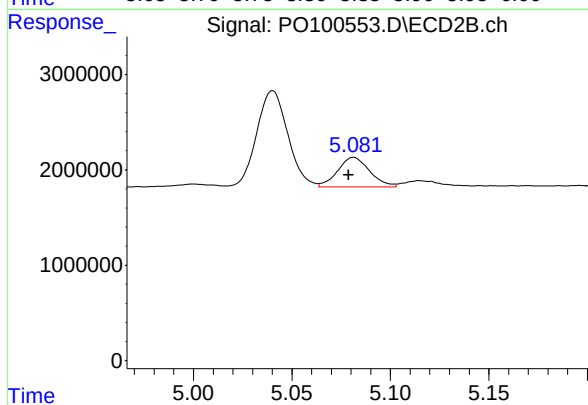
#13 AR-1232-3

R.T.: 5.000 min
Delta R.T.: 0.006 min
Response: 429577
Conc: 39.75 ng/ml



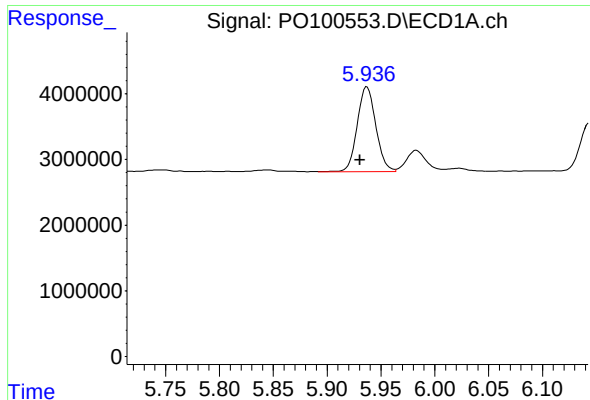
#14 AR-1232-4

R.T.: 5.845 min
Delta R.T.: 0.007 min
Response: 370689
Conc: 27.17 ng/ml



#14 AR-1232-4

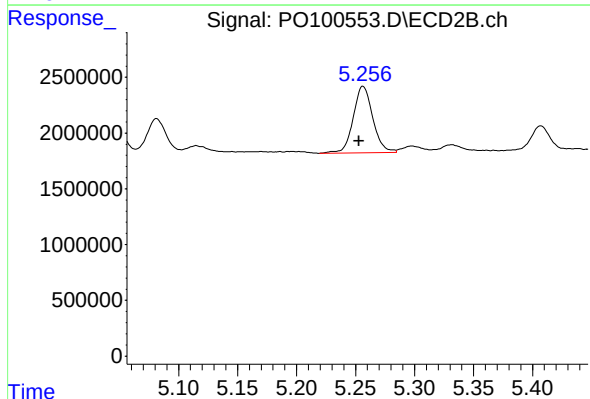
R.T.: 5.081 min
Delta R.T.: 0.003 min
Response: 3540826
Conc: 343.33 ng/ml



#15 AR-1232-5

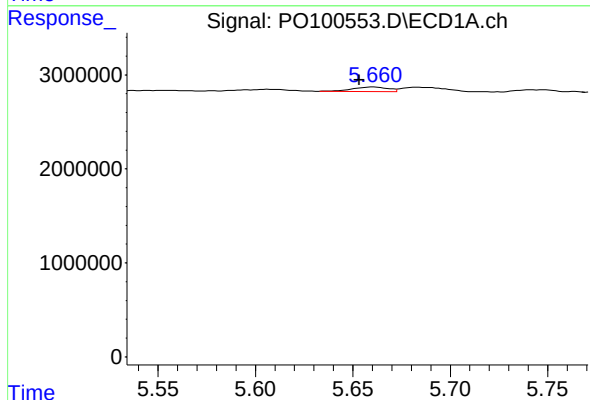
R.T.: 5.937 min
Delta R.T.: 0.007 min
Response: 15558423
Conc: 1296.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



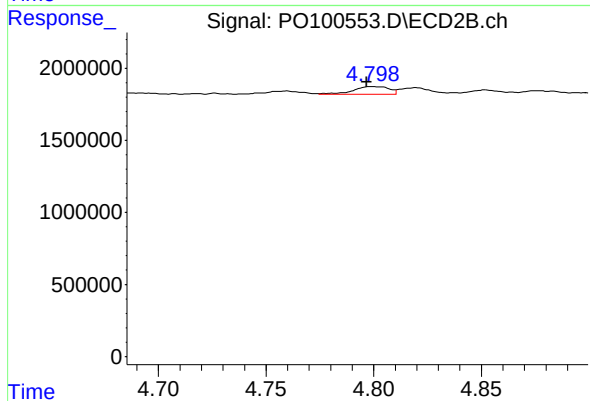
#15 AR-1232-5

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 6886873
Conc: 622.42 ng/ml



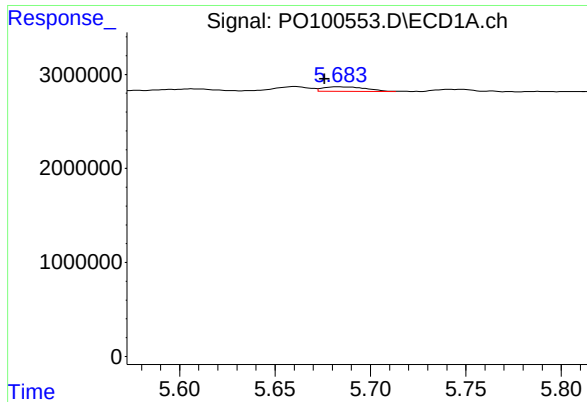
#16 AR-1242-1

R.T.: 5.660 min
Delta R.T.: 0.007 min
Response: 600882
Conc: 16.24 ng/ml



#16 AR-1242-1

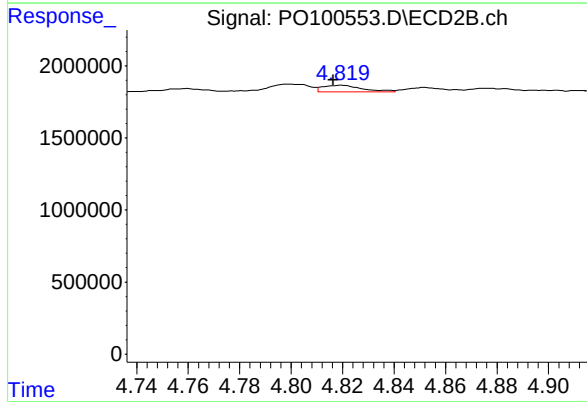
R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 629164
Conc: 23.06 ng/ml



#17 AR-1242-2

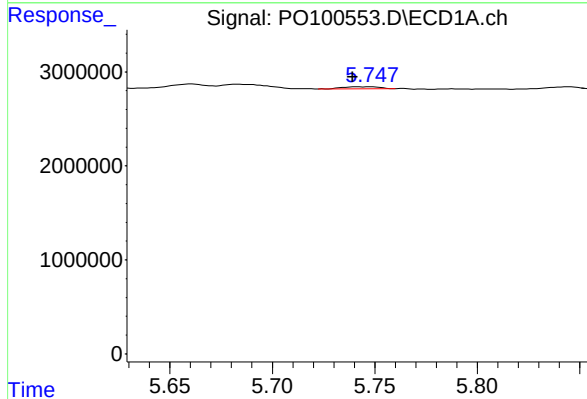
R.T.: 5.684 min
Delta R.T.: 0.008 min
Response: 728446
Conc: 13.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



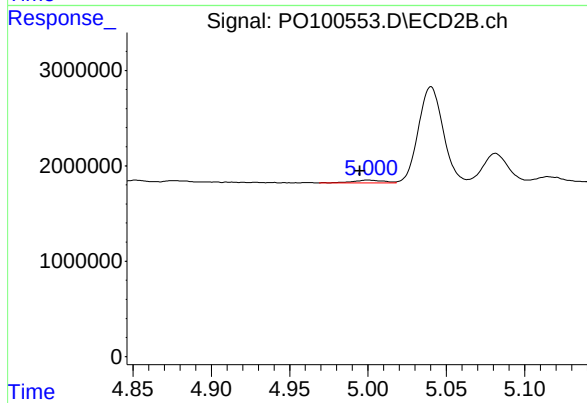
#17 AR-1242-2

R.T.: 4.820 min
Delta R.T.: 0.003 min
Response: 493578
Conc: 13.12 ng/ml



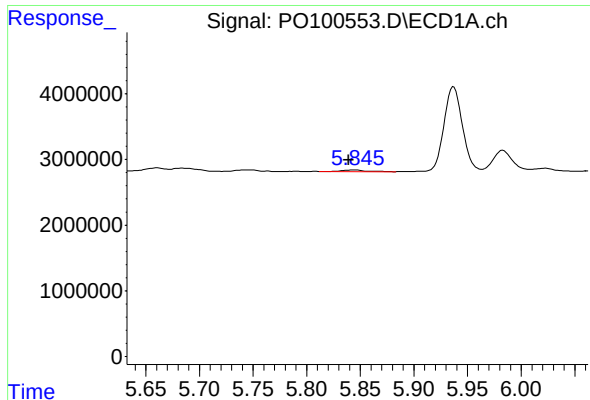
#18 AR-1242-3

R.T.: 5.748 min
Delta R.T.: 0.009 min
Response: 276937
Conc: 8.32 ng/ml



#18 AR-1242-3

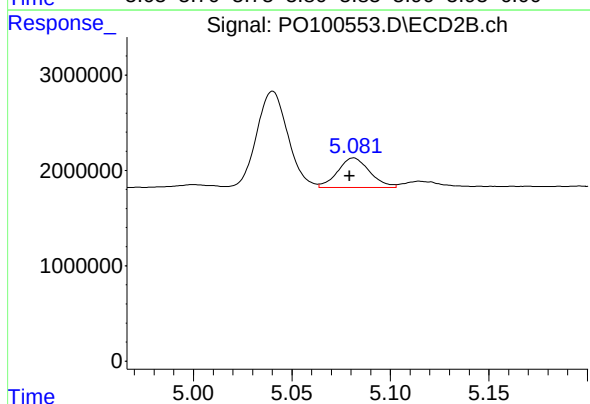
R.T.: 5.000 min
Delta R.T.: 0.005 min
Response: 429577
Conc: 21.53 ng/ml



#19 AR-1242-4

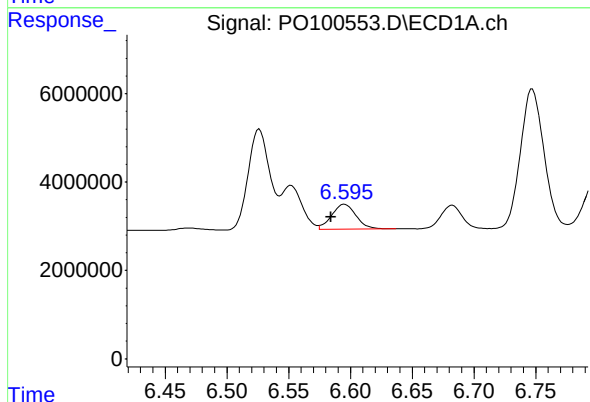
R.T.: 5.845 min
Delta R.T.: 0.006 min
Response: 370689
Conc: 14.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



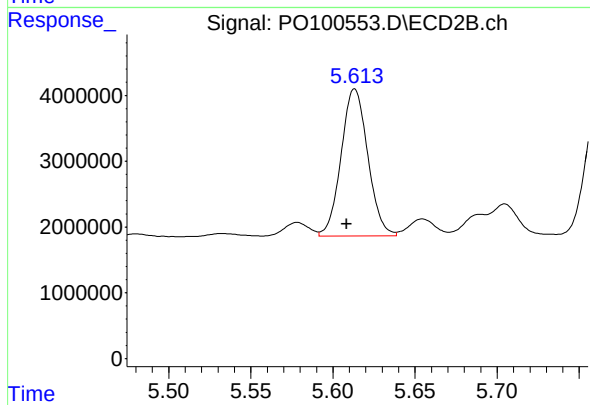
#19 AR-1242-4

R.T.: 5.081 min
Delta R.T.: 0.002 min
Response: 3540826
Conc: 168.74 ng/ml



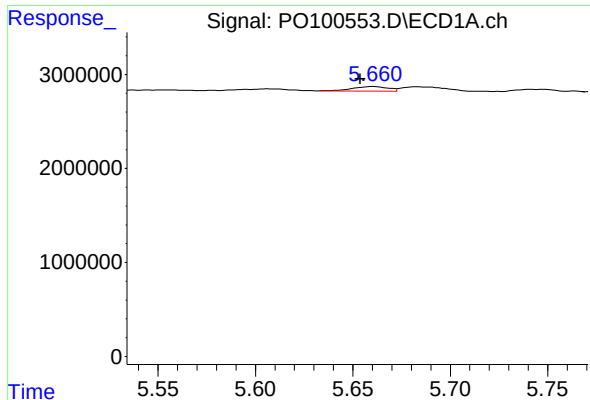
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: 0.011 min
Response: 7734444
Conc: 314.13 ng/ml



#20 AR-1242-5

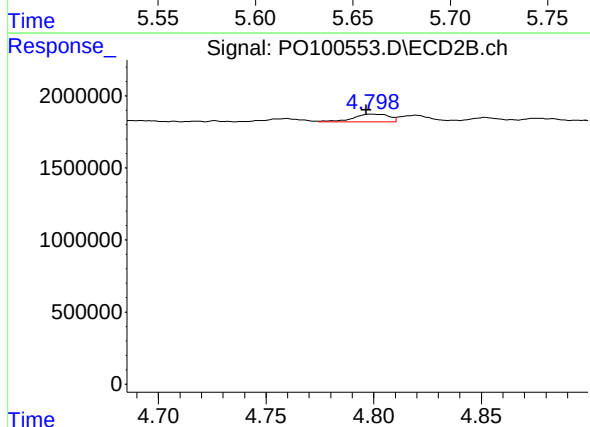
R.T.: 5.613 min
Delta R.T.: 0.005 min
Response: 25293411
Conc: 1089.38 ng/ml



#21 AR-1248-1

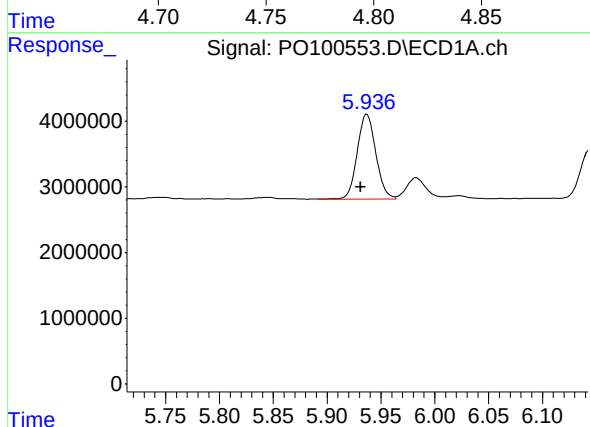
R.T.: 5.660 min
Delta R.T.: 0.007 min
Response: 600882
Conc: 22.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



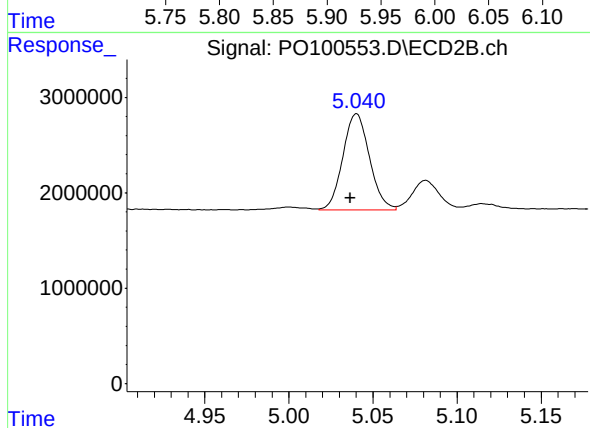
#21 AR-1248-1

R.T.: 4.799 min
Delta R.T.: 0.003 min
Response: 629164
Conc: 30.21 ng/ml



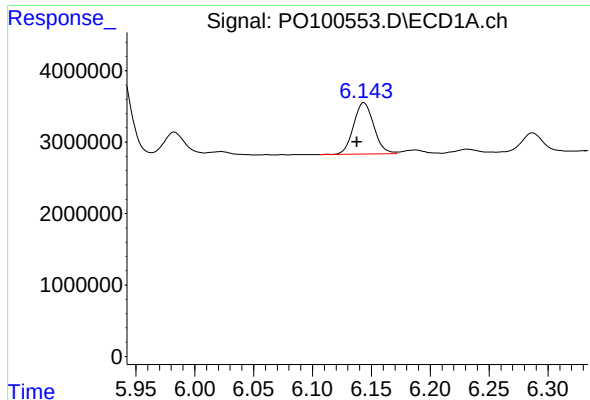
#22 AR-1248-2

R.T.: 5.937 min
Delta R.T.: 0.006 min
Response: 15558423
Conc: 344.56 ng/ml



#22 AR-1248-2

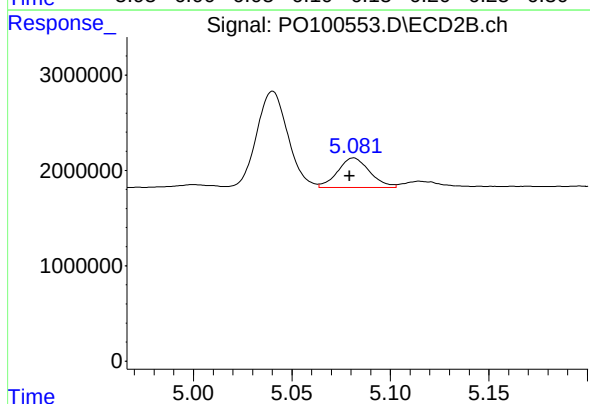
R.T.: 5.040 min
Delta R.T.: 0.004 min
Response: 11141307
Conc: 380.56 ng/ml



#23 AR-1248-3

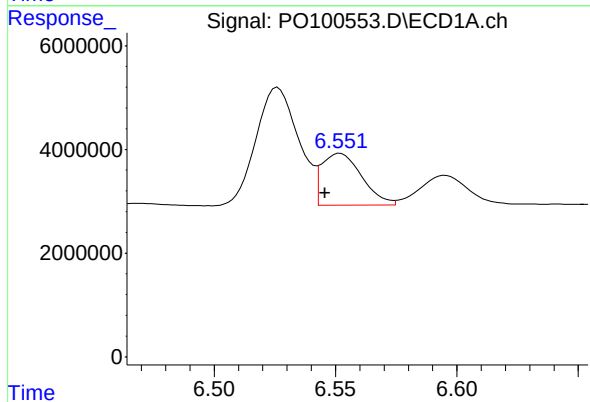
R.T.: 6.144 min
Delta R.T.: 0.006 min
Response: 8608921
Conc: 178.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



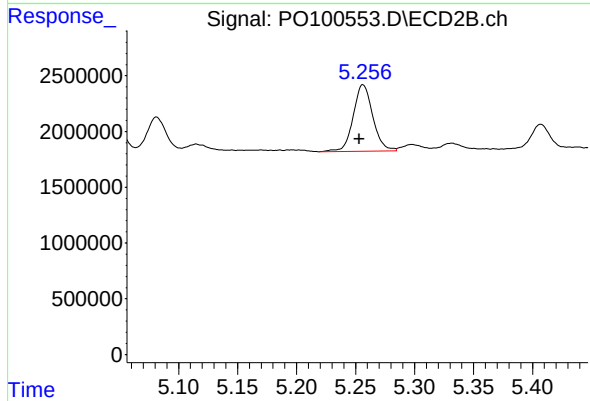
#23 AR-1248-3

R.T.: 5.081 min
Delta R.T.: 0.002 min
Response: 3540826
Conc: 117.44 ng/ml



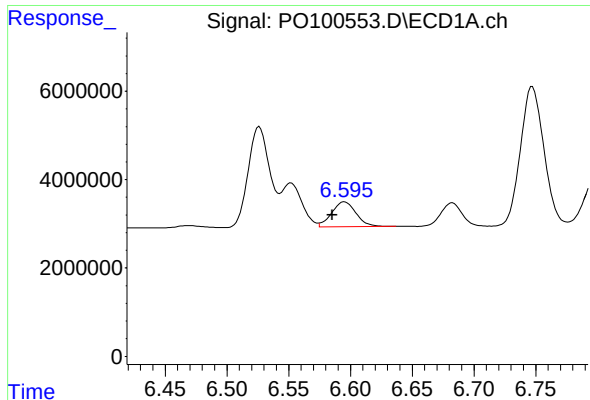
#24 AR-1248-4

R.T.: 6.552 min
Delta R.T.: 0.006 min
Response: 11503258
Conc: 263.79 ng/ml



#24 AR-1248-4

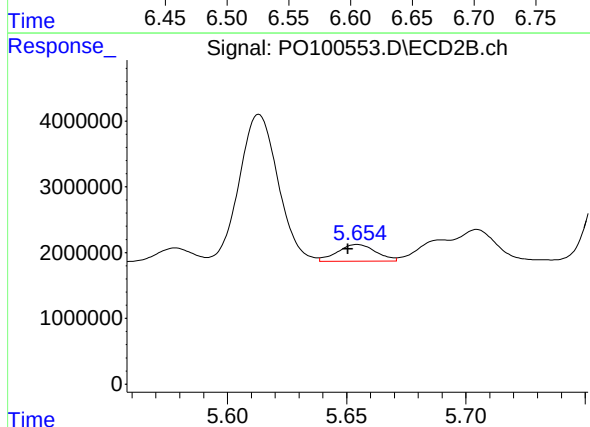
R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 6886873
Conc: 199.65 ng/ml



#25 AR-1248-5

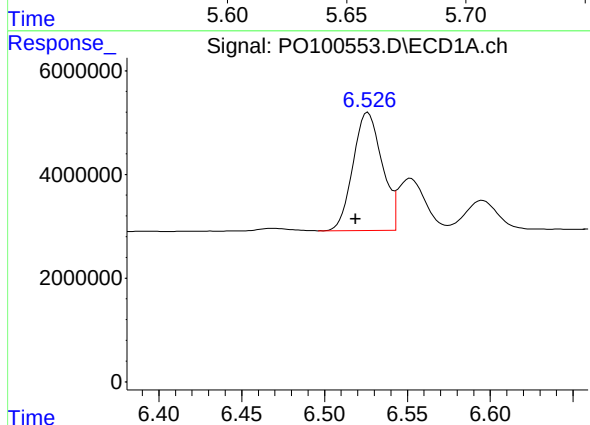
R.T.: 6.595 min
Delta R.T.: 0.010 min
Response: 7734444
Conc: 185.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



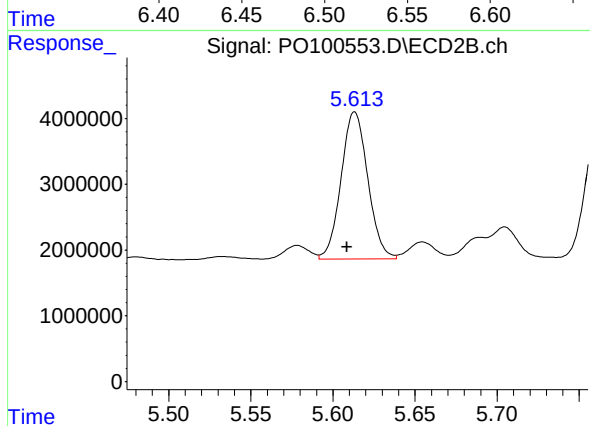
#25 AR-1248-5

R.T.: 5.655 min
Delta R.T.: 0.004 min
Response: 2833171
Conc: 96.21 ng/ml



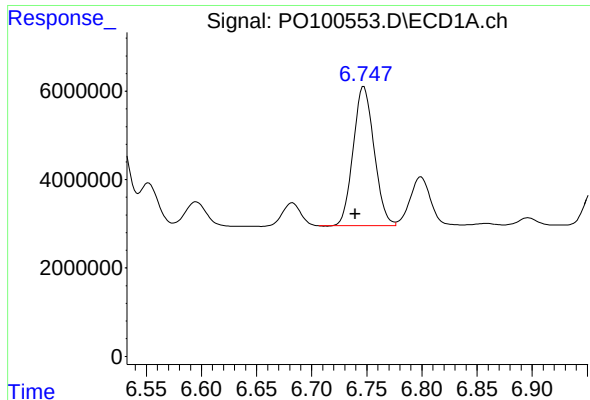
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: 0.008 min
Response: 27843018
Conc: 507.81 ng/ml



#26 AR-1254-1

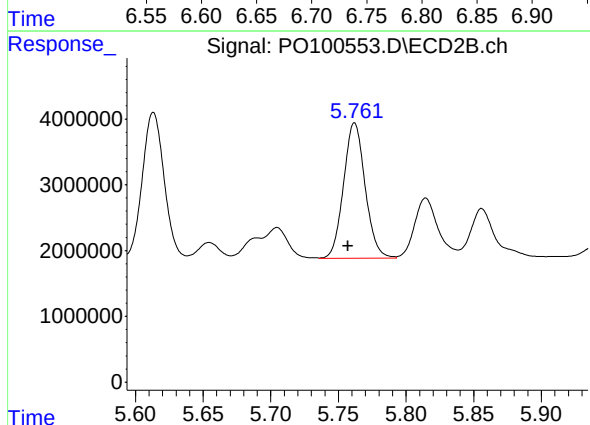
R.T.: 5.613 min
Delta R.T.: 0.005 min
Response: 25293411
Conc: 502.89 ng/ml



#27 AR-1254-2

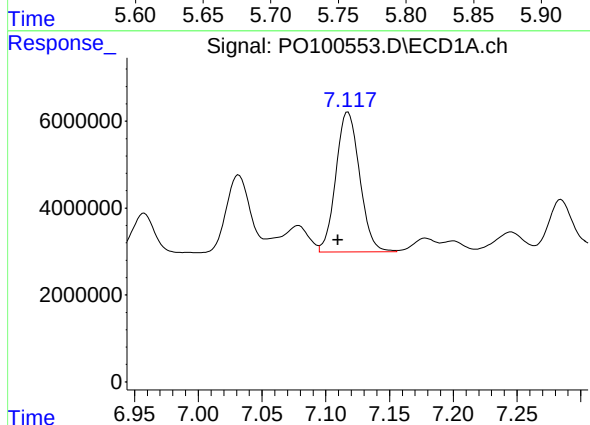
R.T.: 6.747 min
Delta R.T.: 0.008 min
Response: 41377976
Conc: 512.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



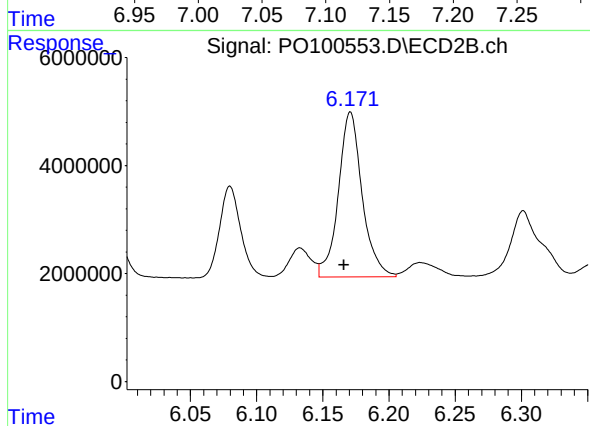
#27 AR-1254-2

R.T.: 5.762 min
Delta R.T.: 0.005 min
Response: 22873764
Conc: 497.27 ng/ml



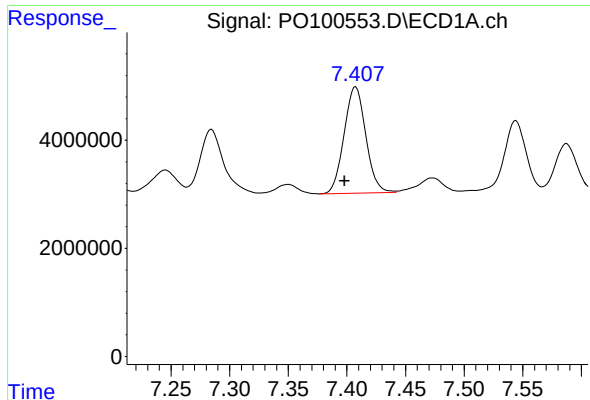
#28 AR-1254-3

R.T.: 7.117 min
Delta R.T.: 0.008 min
Response: 41805685
Conc: 546.85 ng/ml



#28 AR-1254-3

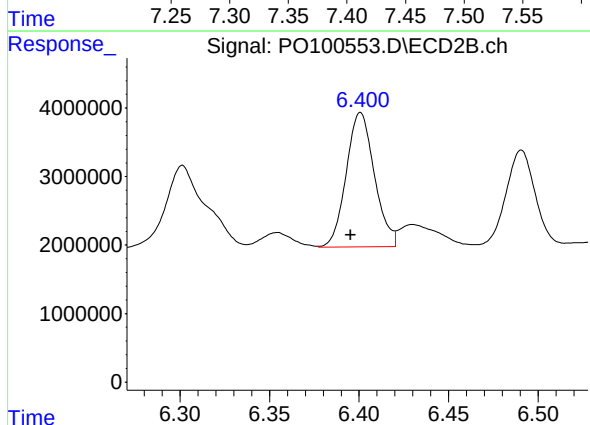
R.T.: 6.171 min
Delta R.T.: 0.005 min
Response: 38226759
Conc: 505.73 ng/ml



#29 AR-1254-4

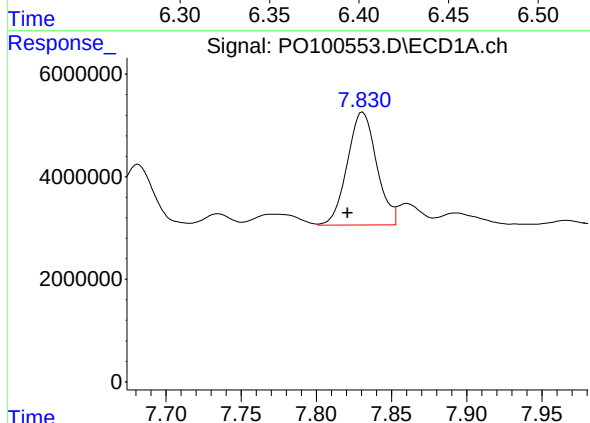
R.T.: 7.408 min
Delta R.T.: 0.010 min
Response: 25349963
Conc: 584.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



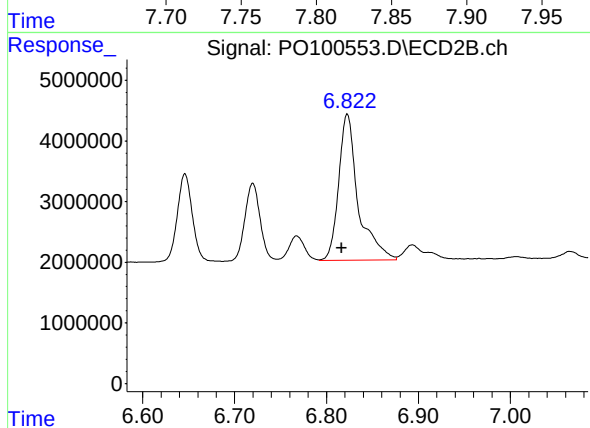
#29 AR-1254-4

R.T.: 6.401 min
Delta R.T.: 0.005 min
Response: 21523326
Conc: 509.77 ng/ml



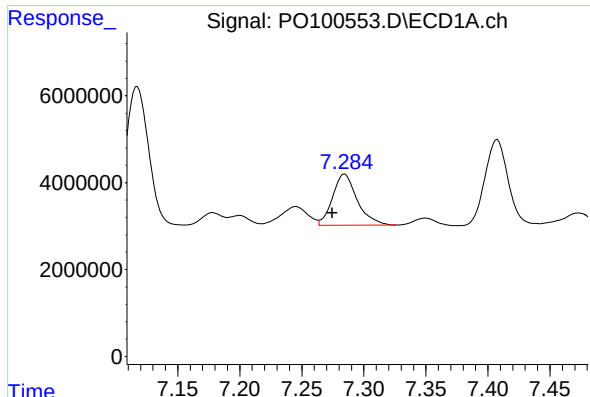
#30 AR-1254-5

R.T.: 7.831 min
Delta R.T.: 0.010 min
Response: 29904891
Conc: 539.52 ng/ml



#30 AR-1254-5

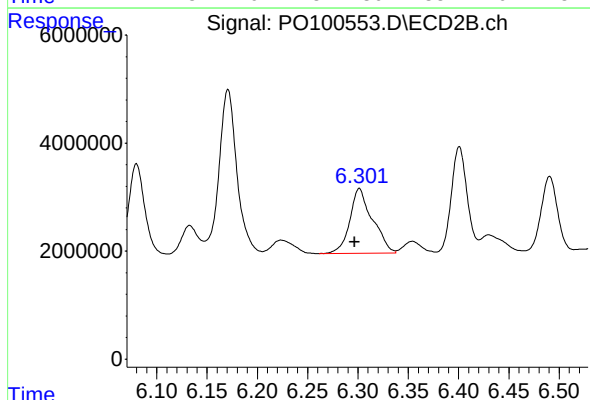
R.T.: 6.823 min
Delta R.T.: 0.006 min
Response: 35570129
Conc: 485.14 ng/ml



#31 AR-1260-1

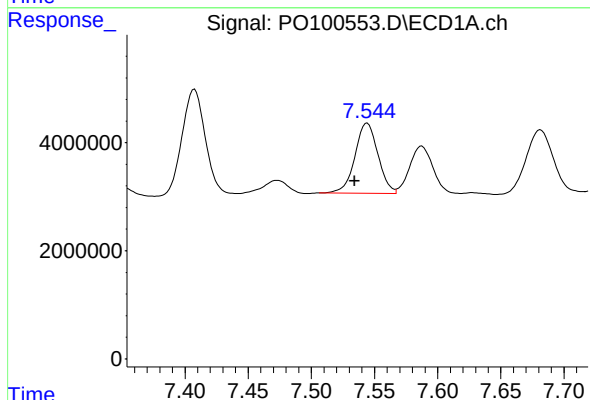
R.T.: 7.285 min
Delta R.T.: 0.010 min
Response: 16327652
Conc: 254.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



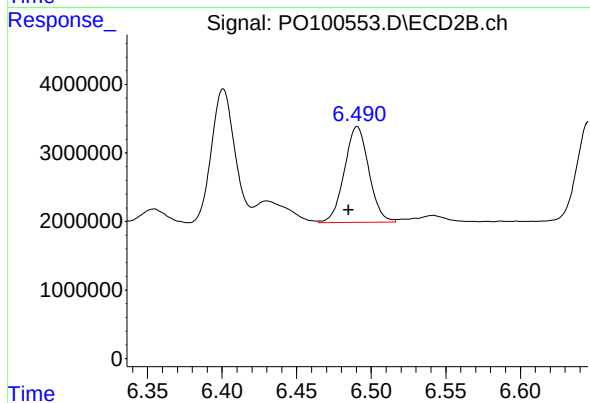
#31 AR-1260-1

R.T.: 6.301 min
Delta R.T.: 0.005 min
Response: 18918872
Conc: 313.56 ng/ml



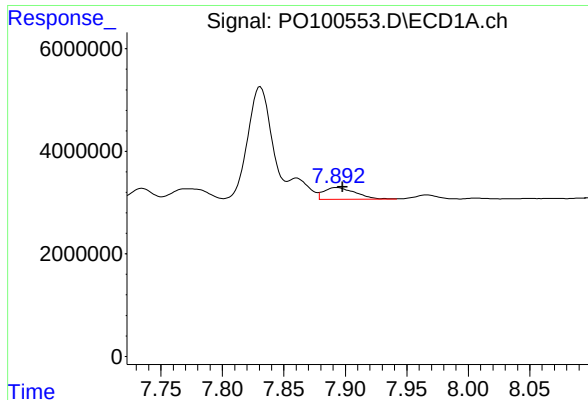
#32 AR-1260-2

R.T.: 7.544 min
Delta R.T.: 0.010 min
Response: 16519013
Conc: 233.83 ng/ml



#32 AR-1260-2

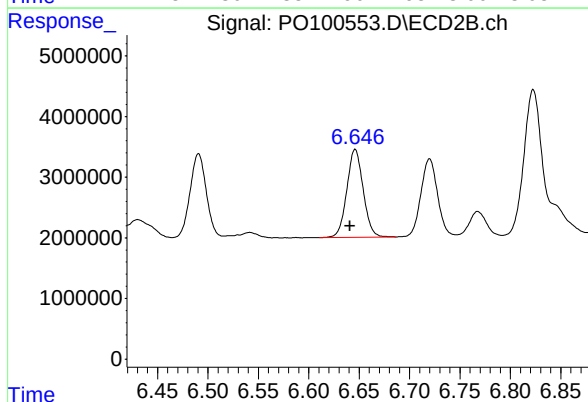
R.T.: 6.491 min
Delta R.T.: 0.006 min
Response: 15951639
Conc: 223.21 ng/ml



#33 AR-1260-3

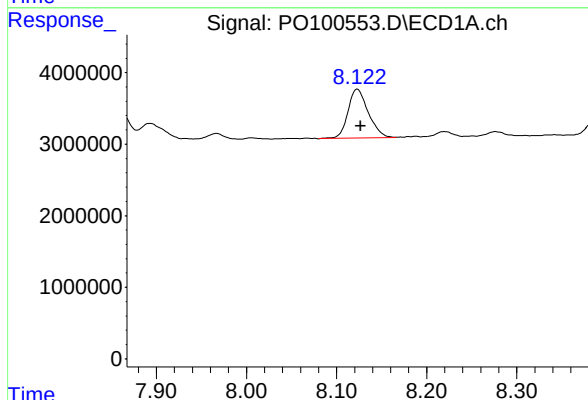
R.T.: 7.893 min
Delta R.T.: -0.005 min
Response: 4163814
Conc: 74.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



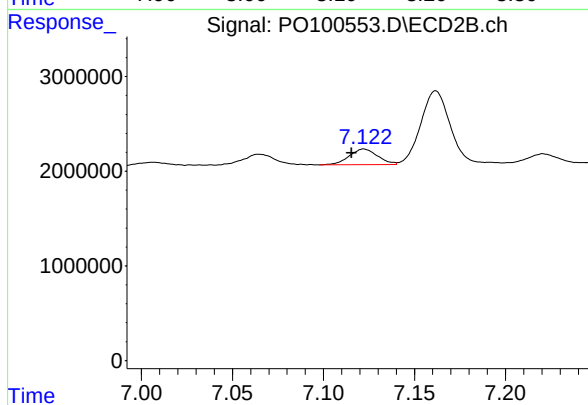
#33 AR-1260-3

R.T.: 6.646 min
Delta R.T.: 0.005 min
Response: 16429474
Conc: 234.09 ng/ml



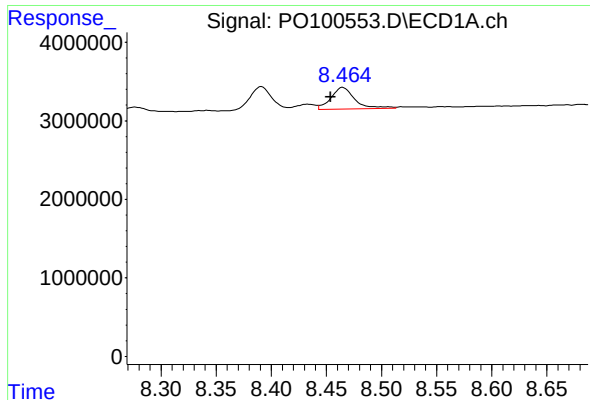
#34 AR-1260-4

R.T.: 8.123 min
Delta R.T.: -0.004 min
Response: 10727995
Conc: 174.92 ng/ml



#34 AR-1260-4

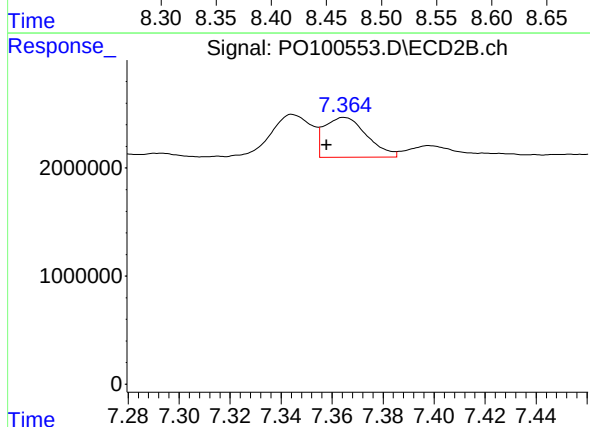
R.T.: 7.122 min
Delta R.T.: 0.007 min
Response: 1785350
Conc: 29.55 ng/ml



#35 AR-1260-5

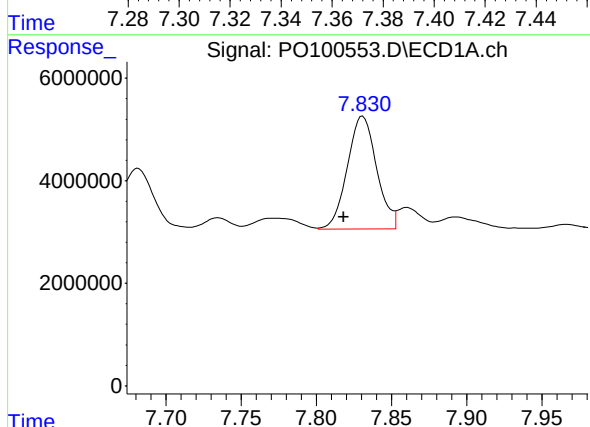
R.T.: 8.465 min
Delta R.T.: 0.011 min
Response: 4157635
Conc: 36.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



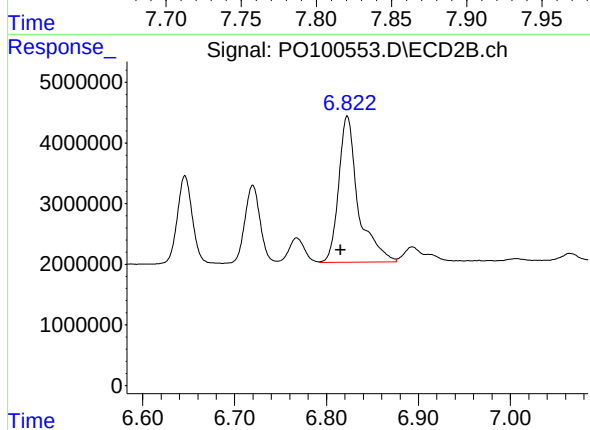
#35 AR-1260-5

R.T.: 7.365 min
Delta R.T.: 0.007 min
Response: 4254934
Conc: 32.49 ng/ml



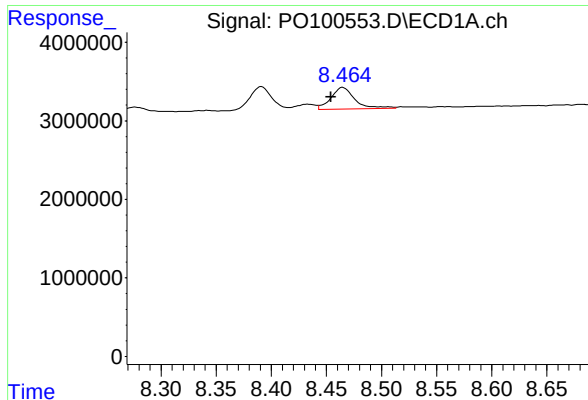
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: 0.013 min
Response: 29904891
Conc: 639.92 ng/ml



#36 AR-1262-1

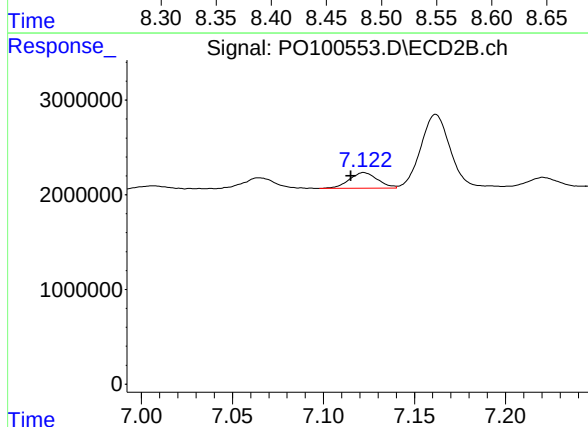
R.T.: 6.823 min
Delta R.T.: 0.007 min
Response: 35570129
Conc: 922.75 ng/ml



#37 AR-1262-2

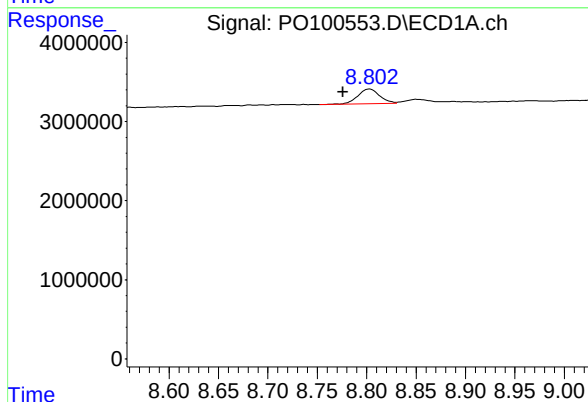
R.T.: 8.465 min
Delta R.T.: 0.011 min
Response: 4157635
Conc: 35.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



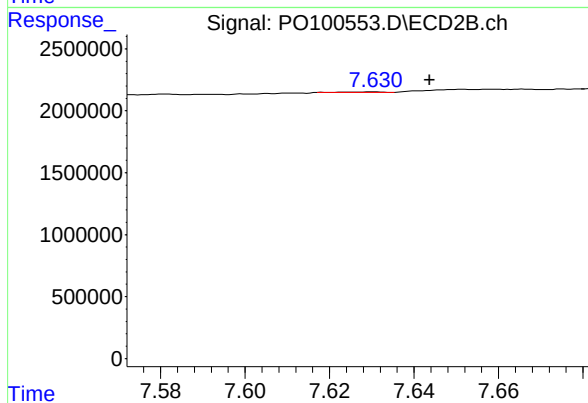
#37 AR-1262-2

R.T.: 7.122 min
Delta R.T.: 0.007 min
Response: 1785350
Conc: 22.94 ng/ml



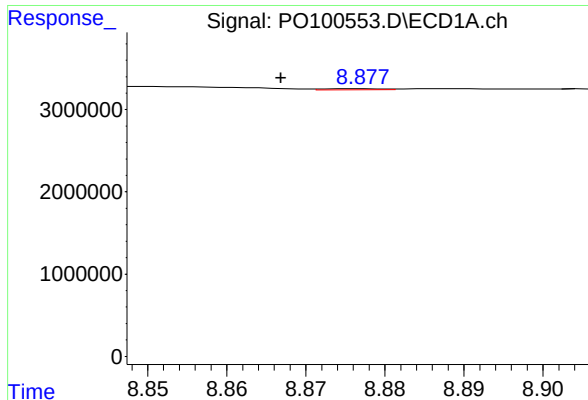
#38 AR-1262-3

R.T.: 8.803 min
Delta R.T.: 0.027 min
Response: 2898505
Conc: 34.82 ng/ml



#38 AR-1262-3

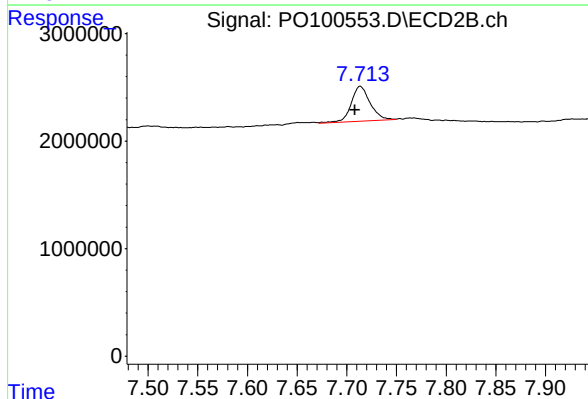
R.T.: 7.630 min
Delta R.T.: -0.014 min
Response: 21672
Conc: 0.38 ng/ml



#39 AR-1262-4

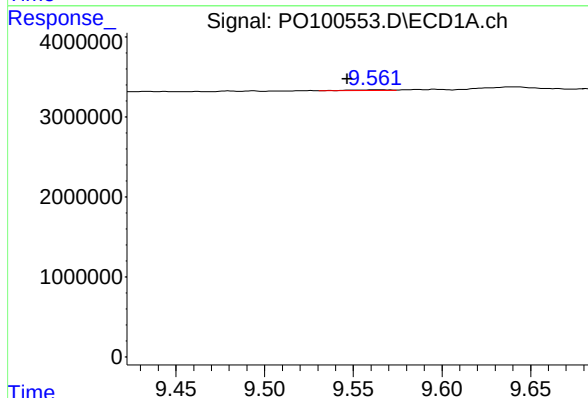
R.T.: 8.877 min
Delta R.T.: 0.010 min
Response: 74481
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



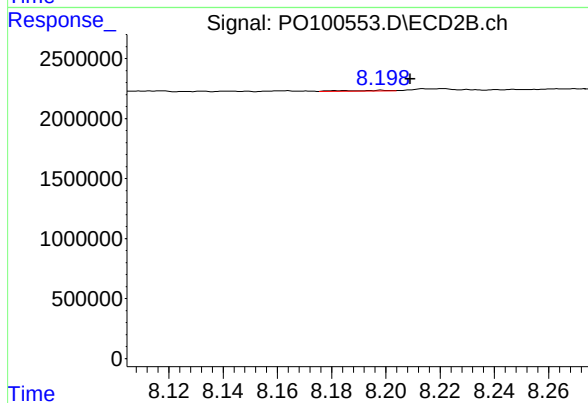
#39 AR-1262-4

R.T.: 7.714 min
Delta R.T.: 0.005 min
Response: 4349361
Conc: 39.74 ng/ml



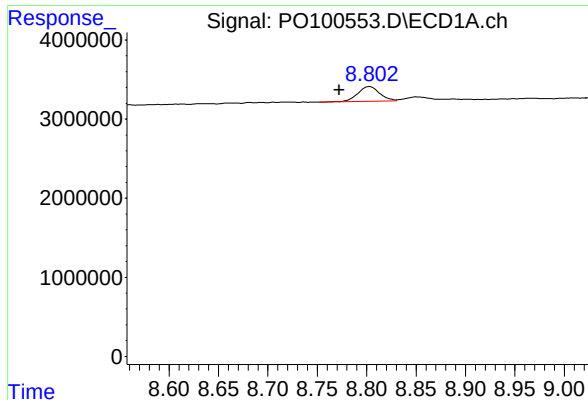
#40 AR-1262-5

R.T.: 9.562 min
Delta R.T.: 0.016 min
Response: 132336
Conc: 3.39 ng/ml



#40 AR-1262-5

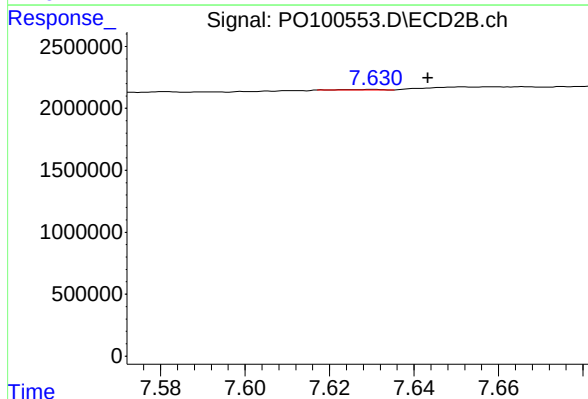
R.T.: 8.199 min
Delta R.T.: -0.010 min
Response: 65082
Conc: 1.40 ng/ml



#41 AR-1268-1

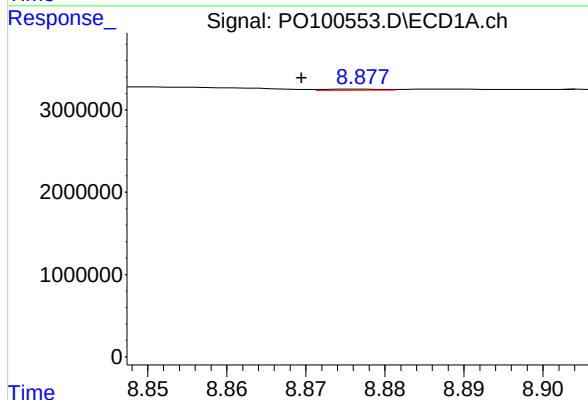
R.T.: 8.803 min
Delta R.T.: 0.031 min
Response: 2898505
Conc: 18.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



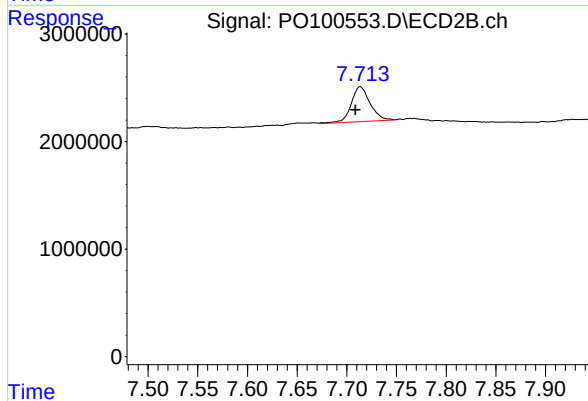
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.013 min
Response: 21672
Conc: 0.12 ng/ml



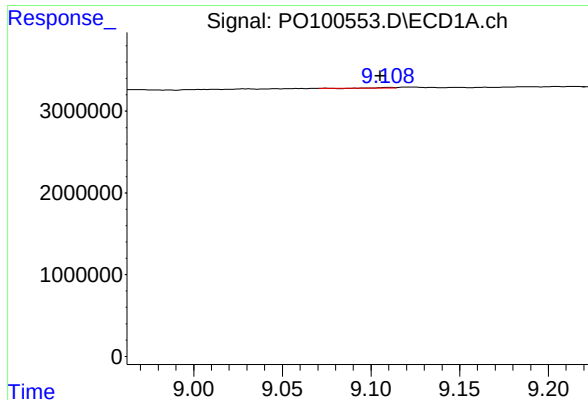
#42 AR-1268-2

R.T.: 8.877 min
Delta R.T.: 0.008 min
Response: 74481
Conc: 0.56 ng/ml



#42 AR-1268-2

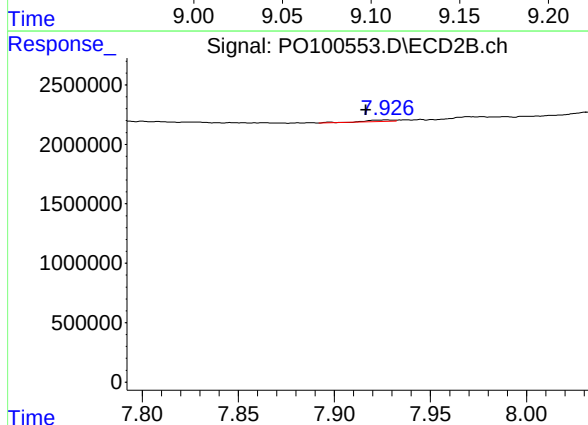
R.T.: 7.714 min
Delta R.T.: 0.005 min
Response: 4349361
Conc: 27.00 ng/ml



#43 AR-1268-3

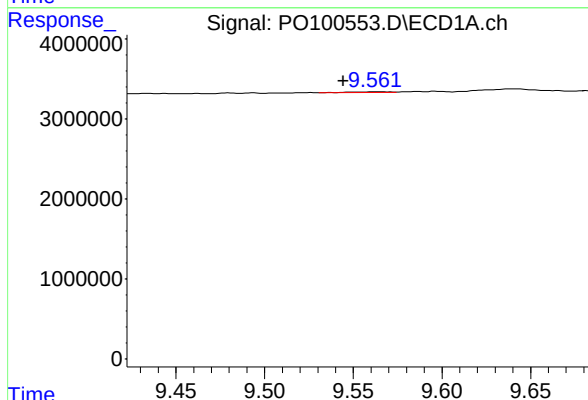
R.T.: 9.109 min
Delta R.T.: 0.004 min
Response: 59724
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



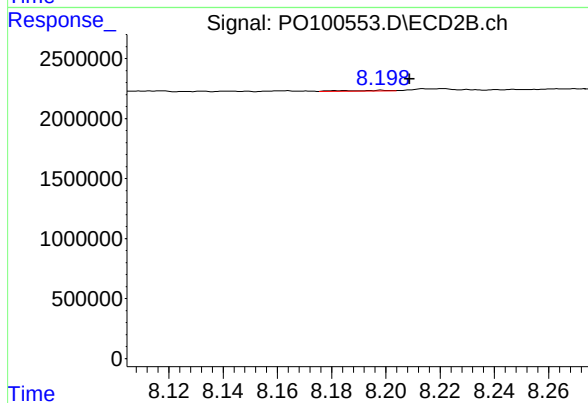
#43 AR-1268-3

R.T.: 7.927 min
Delta R.T.: 0.011 min
Response: 116390
Conc: 0.77 ng/ml



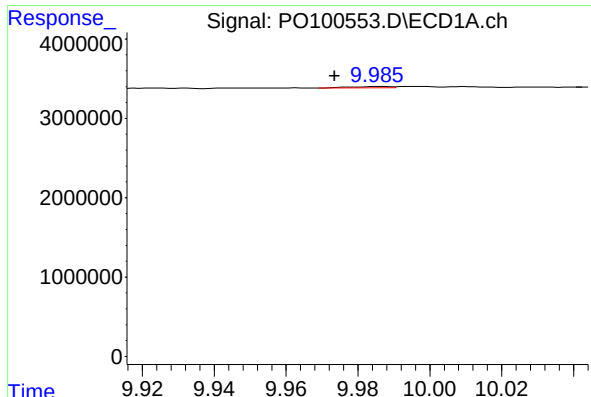
#44 AR-1268-4

R.T.: 9.562 min
Delta R.T.: 0.018 min
Response: 132336
Conc: 3.11 ng/ml



#44 AR-1268-4

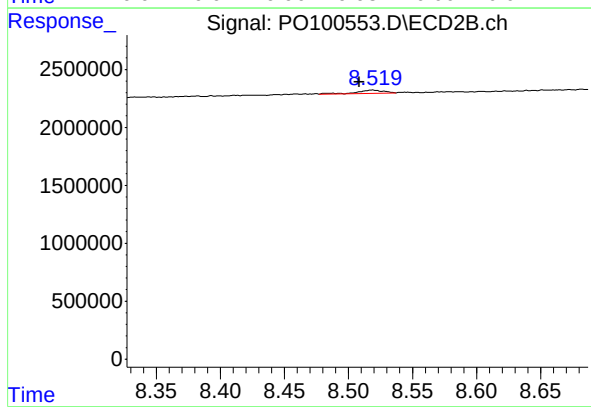
R.T.: 8.199 min
Delta R.T.: -0.010 min
Response: 65082
Conc: 1.23 ng/ml



#45 AR-1268-5

R.T.: 9.986 min
Delta R.T.: 0.013 min
Response: 132285
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.519 min
Delta R.T.: 0.010 min
Response: 390665
Conc: 0.93 ng/ml