

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111723\
 Data File : P0099925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 15:41
 Operator : YP/AJ
 Sample : 05445-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 21:43:32 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	3.715	33232561	24281138	19.433	20.556
2) SA Decachlor...	10.373	8.813	12088895	12902086	12.948	13.145
Target Compounds						
3) L1 AR-1016-1	5.675	4.818	4176806	2156481	94.409	80.956
4) L1 AR-1016-2	5.699	4.839	7029853	2568217	102.967	69.259 #
5) L1 AR-1016-3	5.762	5.020	3461004	1031071	75.725	52.220 #
6) L1 AR-1016-4	5.858	5.060	3684563	1843892	106.743	109.403
7) L1 AR-1016-5	6.159	5.275	3204790	1513587	96.037	75.900
8) L2 AR-1221-1	4.697	3.919	98488	197688	4.691	13.092 #
9) L2 AR-1221-2	4.800	4.022	829920	1259452	54.030	119.188 #
10) L2 AR-1221-3	4.891	4.099	1386566	111214	30.784	3.650 #
11) L3 AR-1232-1	4.891	4.099	1386566	111214	37.533	4.340 #
12) L3 AR-1232-2	5.386	4.839	15264735	2568217	829.089	144.165 #
13) L3 AR-1232-3	5.699	5.020	7029853	1031071	222.720	112.480 #
14) L3 AR-1232-4	5.858	5.102	3684563	1590610	241.006	186.562
15) L3 AR-1232-5	5.952	5.275	3346127	1513587	260.322	164.959 #
16) L4 AR-1242-1	5.675	4.818	4176806	2156481	114.012	93.871
17) L4 AR-1242-2	5.699	4.839	7029853	2568217	124.112	81.754 #
18) L4 AR-1242-3	5.762	5.020	3461004	1031071	91.334	61.609 #
19) L4 AR-1242-4	5.858	5.102	3684563	1590610	128.473	92.052 #
20) L4 AR-1242-5	6.608	5.635	2218696	5554194	90.272	279.180 #
21) L5 AR-1248-1	5.675	4.818	4176806	2156481	155.429	123.249
22) L5 AR-1248-2	5.952	5.060	3346127	1843892	78.766	76.714
23) L5 AR-1248-3	6.159	5.102	3204790	1590610	69.653	64.383
24) L5 AR-1248-4	6.568	5.275	1873776	1513587	45.173	53.610
25) L5 AR-1248-5	6.608	5.675	2218696	3244117	54.437	127.654 #
26) L6 AR-1254-1	6.542	5.635	3179308	5554194	65.664	134.121 #
27) L6 AR-1254-2	6.763	5.782	5653951	4499537	80.125	118.483 #
28) L6 AR-1254-3	7.135	6.208	6798798	3499898	100.150	54.133 #
29) L6 AR-1254-4	7.423	6.422	1300481	3226215	32.808	94.151 #
30) L6 AR-1254-5	7.846	6.843	2720899	3357753	55.408	54.745
31) L7 AR-1260-1	7.300	6.323	2808156	5788193	50.327	120.238 #
32) L7 AR-1260-2	7.548	6.510	6427854	3407522	106.551	60.085 #
33) L7 AR-1260-3	7.923	6.669	1085178	2706681	25.963	48.965 #
34) L7 AR-1260-4	8.147	7.144	1967020	1225382	39.942	27.806 #
35) L7 AR-1260-5	8.483	7.387	1410415	2623483	16.809	26.398 #
36) L8 AR-1262-1	7.846	6.843	2720899	3357753	60.719	103.194 #
37) L8 AR-1262-2	8.483	7.144	1410415	1225382	13.690	18.747 #
38) L8 AR-1262-3	8.812	7.674	1287196	715746	17.547	13.922
39) L8 AR-1262-4	8.899	7.738	1196286	2337728	20.632	26.234 #
40) L8 AR-1262-5	9.584	8.240	494825	896976	15.117	23.014 #
41) L9 AR-1268-1	8.812	7.674	1287196	715746	9.682	5.003 #

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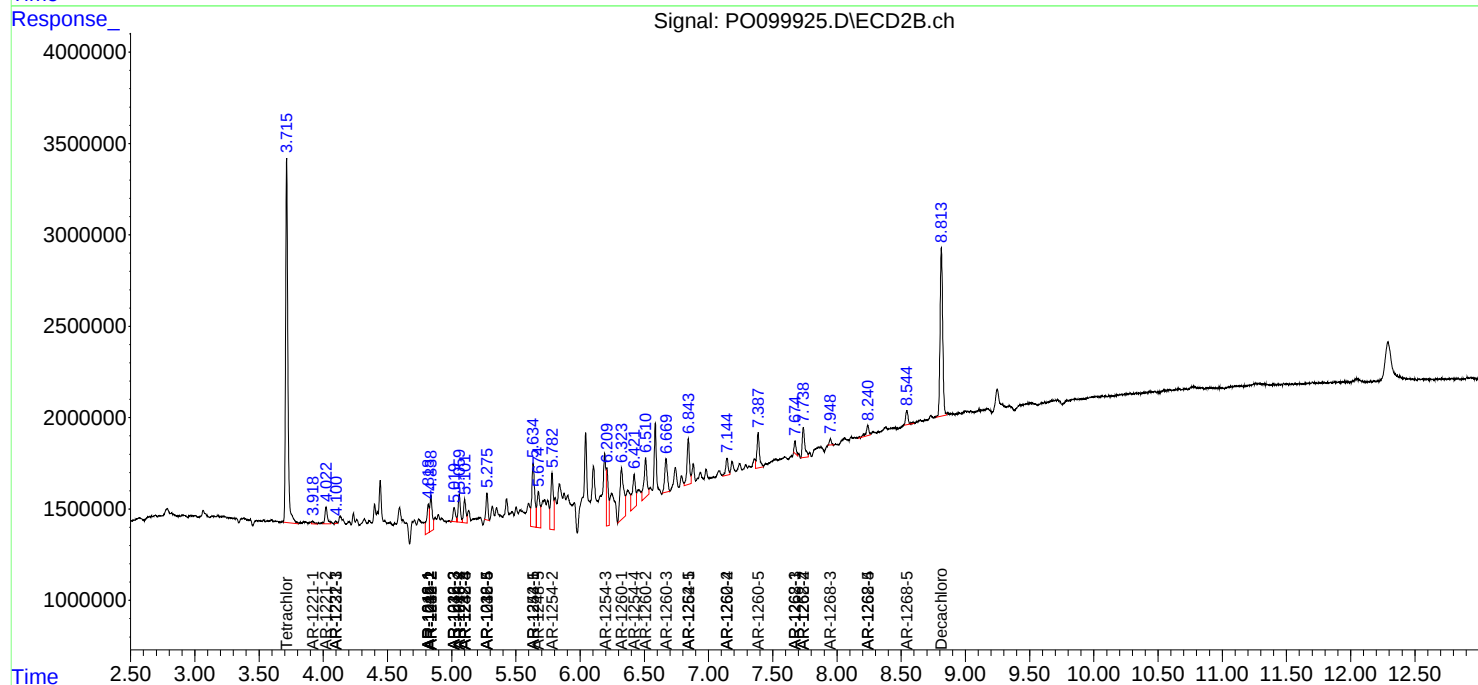
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

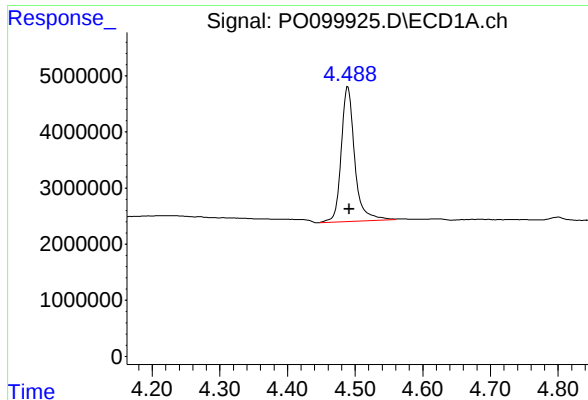
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.899	7.738	1196286	2337728	10.426	17.949 #
43) L9	AR-1268-3	9.140	7.949	402626	347887	3.696	2.859
44) L9	AR-1268-4	9.584	8.240	494825	896976	14.167	20.807 #
45) L9	AR-1268-5	10.018	8.544	1130473	1028729	3.533	2.959

(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

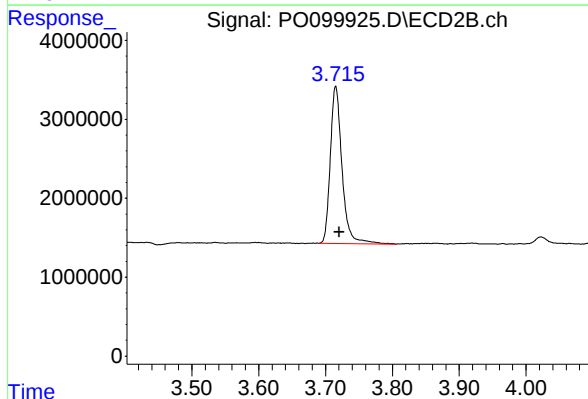




#1 Tetrachloro-m-xylene

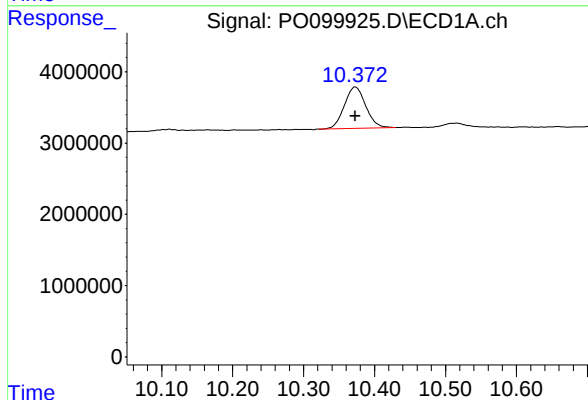
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 33232561
Conc: 19.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



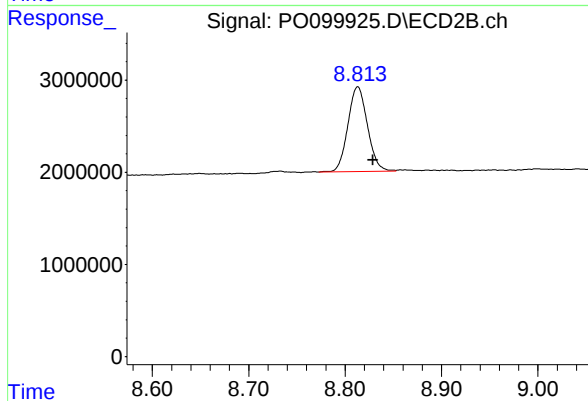
#1 Tetrachloro-m-xylene

R.T.: 3.715 min
Delta R.T.: -0.005 min
Response: 24281138
Conc: 20.56 ng/ml



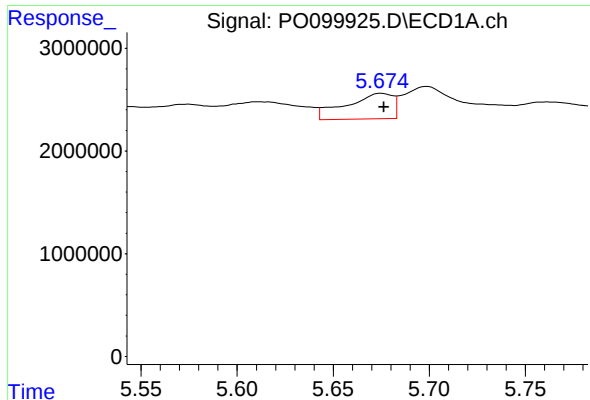
#2 Decachlorobiphenyl

R.T.: 10.373 min
Delta R.T.: 0.000 min
Response: 12088895
Conc: 12.95 ng/ml



#2 Decachlorobiphenyl

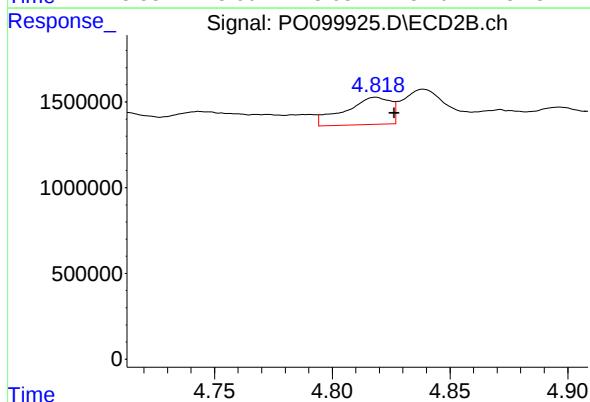
R.T.: 8.813 min
Delta R.T.: -0.016 min
Response: 12902086
Conc: 13.14 ng/ml



#3 AR-1016-1

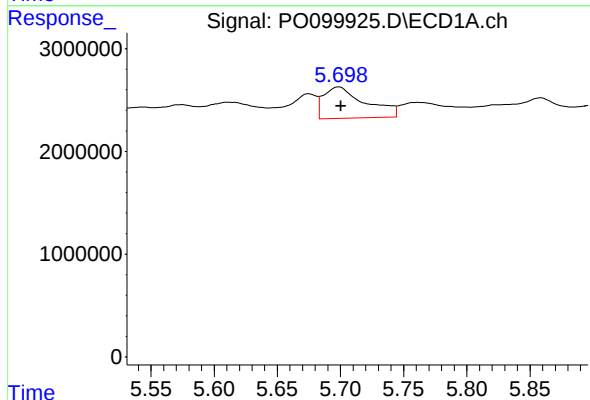
R.T.: 5.675 min
Delta R.T.: -0.002 min
Response: 4176806
Conc: 94.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



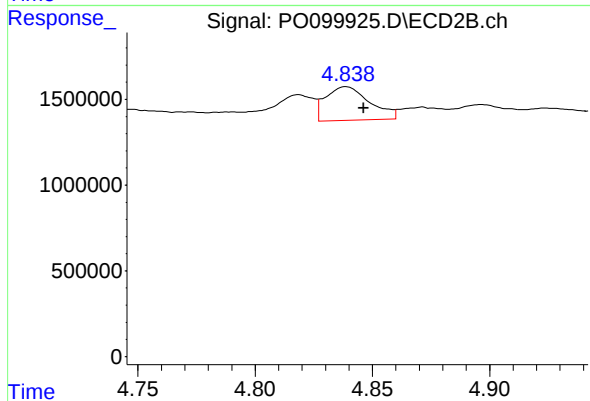
#3 AR-1016-1

R.T.: 4.818 min
Delta R.T.: -0.008 min
Response: 2156481
Conc: 80.96 ng/ml



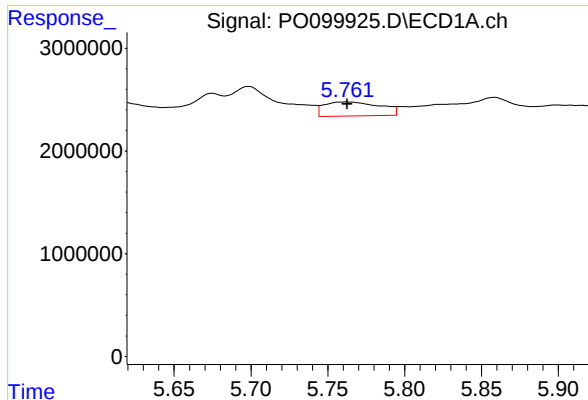
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.001 min
Response: 7029853
Conc: 102.97 ng/ml



#4 AR-1016-2

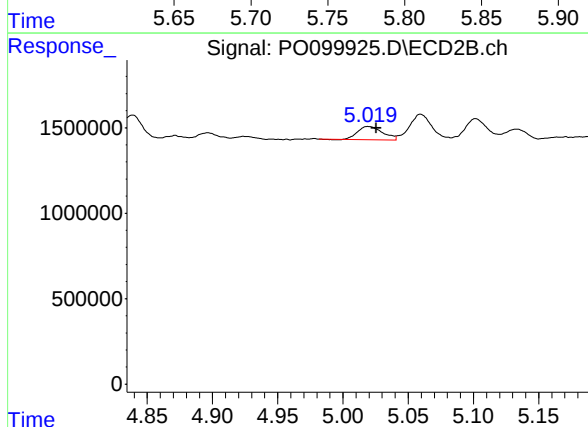
R.T.: 4.839 min
Delta R.T.: -0.007 min
Response: 2568217
Conc: 69.26 ng/ml



#5 AR-1016-3

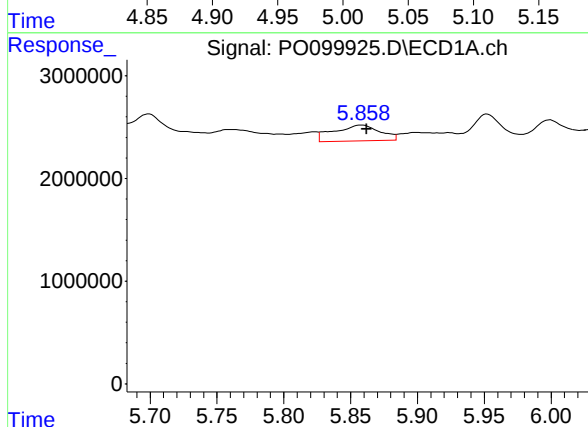
R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 3461004
Conc: 75.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



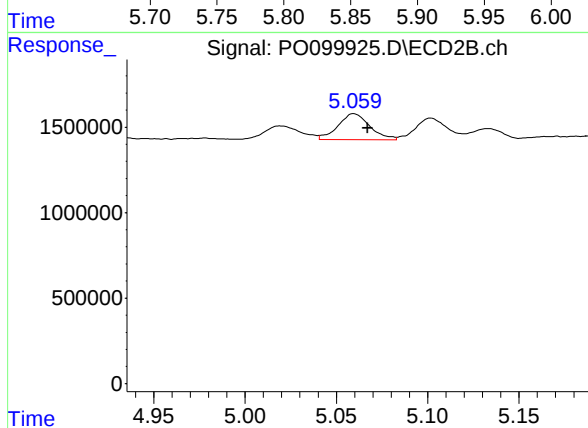
#5 AR-1016-3

R.T.: 5.020 min
Delta R.T.: -0.006 min
Response: 1031071
Conc: 52.22 ng/ml



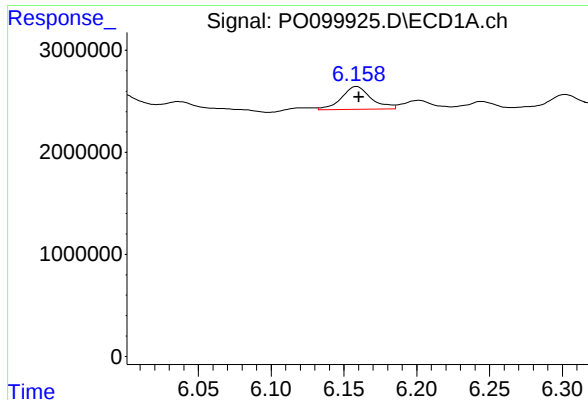
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 3684563
Conc: 106.74 ng/ml



#6 AR-1016-4

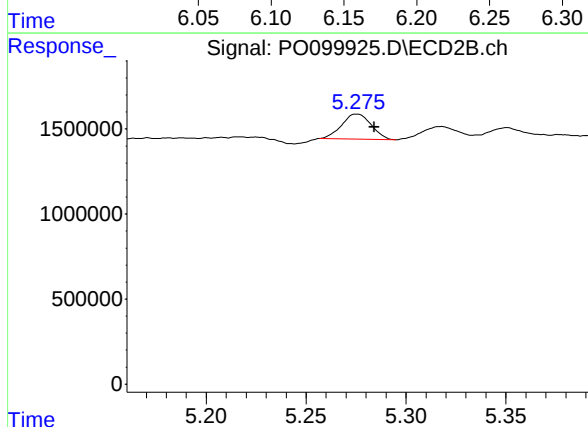
R.T.: 5.060 min
Delta R.T.: -0.008 min
Response: 1843892
Conc: 109.40 ng/ml



#7 AR-1016-5

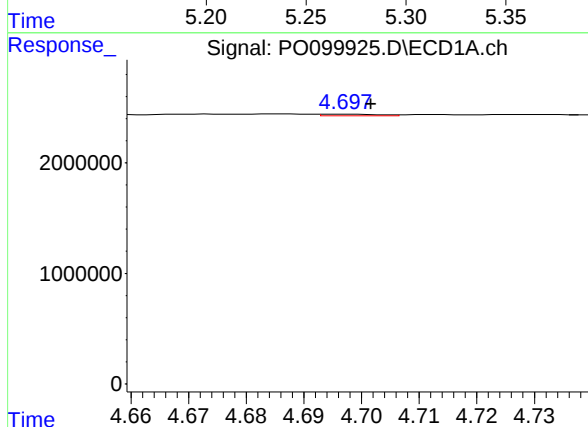
R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 3204790
Conc: 96.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



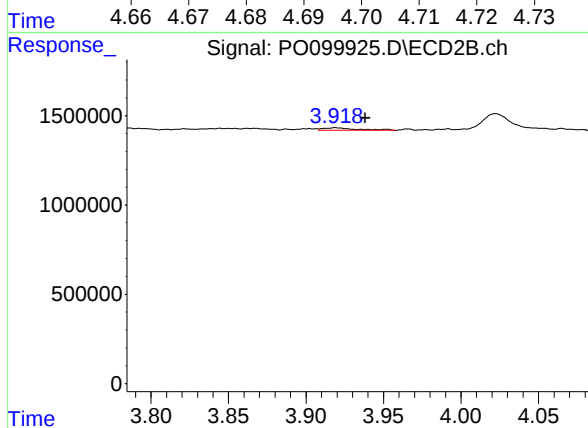
#7 AR-1016-5

R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 1513587
Conc: 75.90 ng/ml



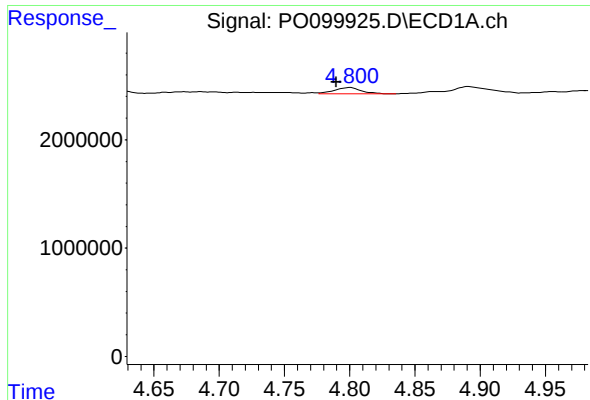
#8 AR-1221-1

R.T.: 4.697 min
Delta R.T.: -0.004 min
Response: 98488
Conc: 4.69 ng/ml



#8 AR-1221-1

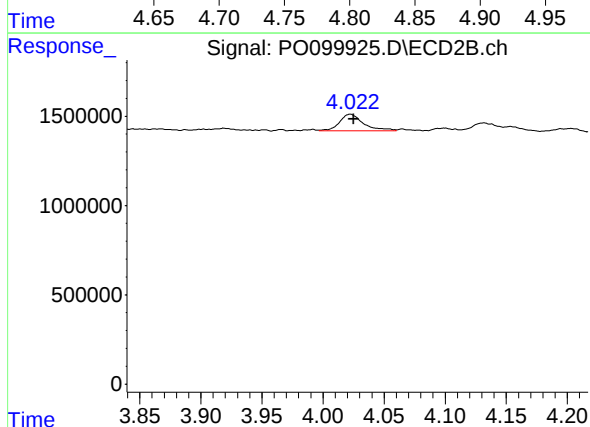
R.T.: 3.919 min
Delta R.T.: -0.019 min
Response: 197688
Conc: 13.09 ng/ml



#9 AR-1221-2

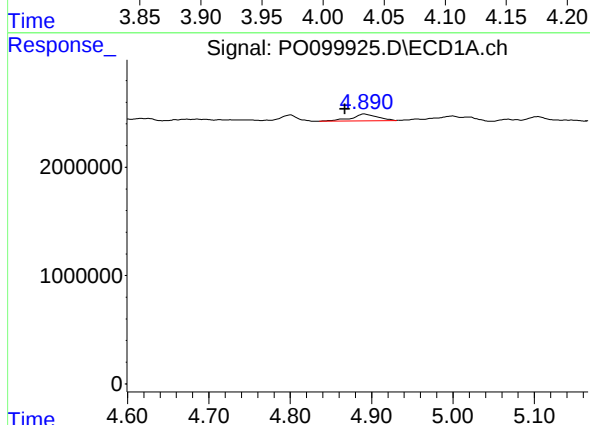
R.T.: 4.800 min
Delta R.T.: 0.010 min
Response: 829920
Conc: 54.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



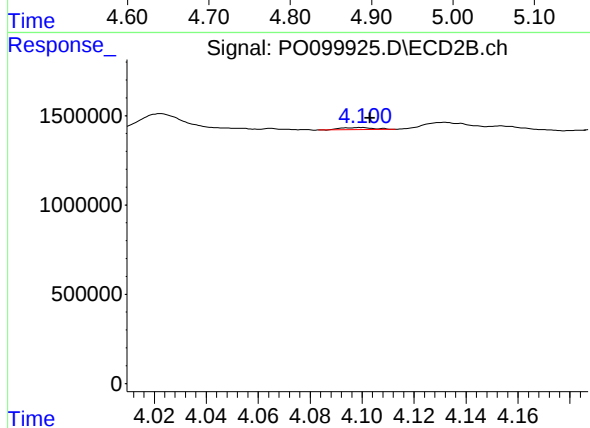
#9 AR-1221-2

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 1259452
Conc: 119.19 ng/ml



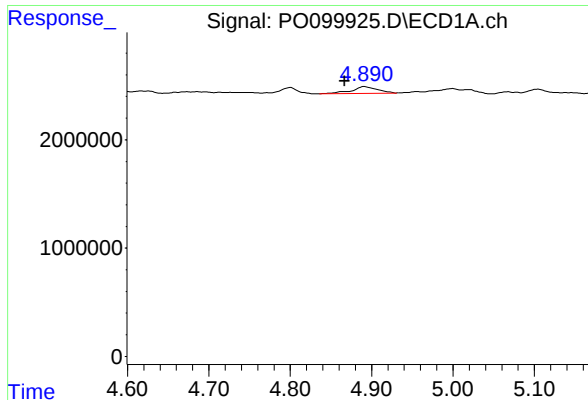
#10 AR-1221-3

R.T.: 4.891 min
Delta R.T.: 0.024 min
Response: 1386566
Conc: 30.78 ng/ml



#10 AR-1221-3

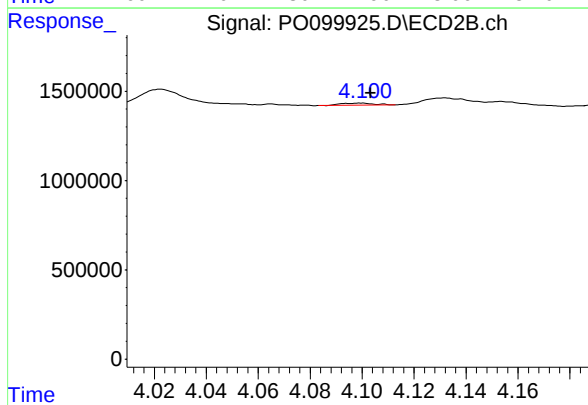
R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 111214
Conc: 3.65 ng/ml



#11 AR-1232-1

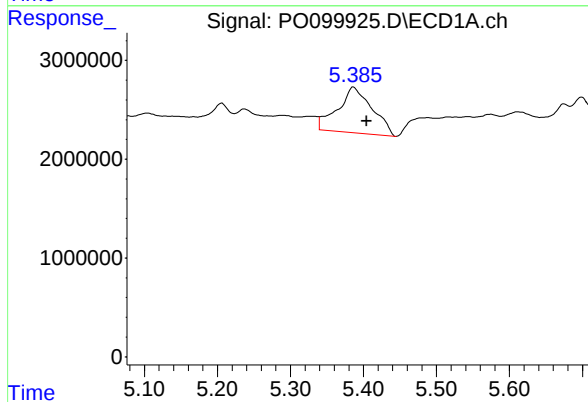
R.T.: 4.891 min
Delta R.T.: 0.024 min
Response: 1386566
Conc: 37.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



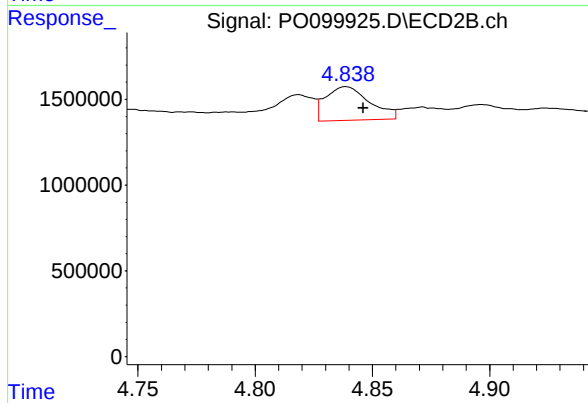
#11 AR-1232-1

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 111214
Conc: 4.34 ng/ml



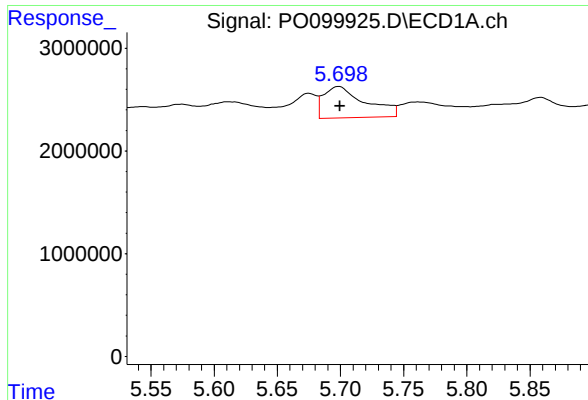
#12 AR-1232-2

R.T.: 5.386 min
Delta R.T.: -0.019 min
Response: 15264735
Conc: 829.09 ng/ml



#12 AR-1232-2

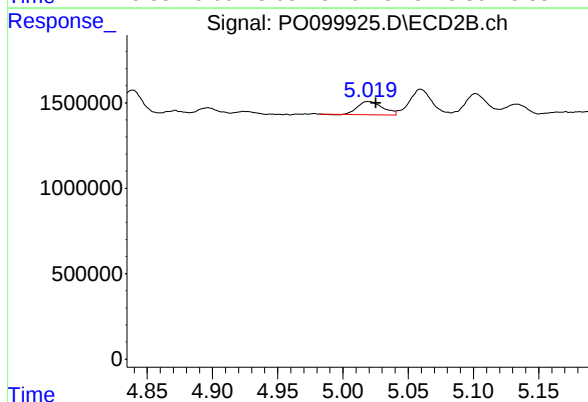
R.T.: 4.839 min
Delta R.T.: -0.007 min
Response: 2568217
Conc: 144.16 ng/ml



#13 AR-1232-3

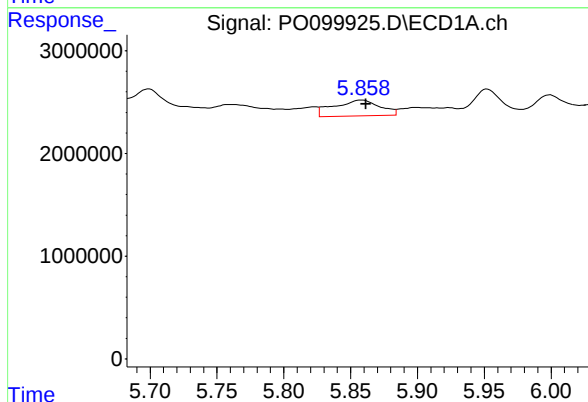
R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 7029853
Conc: 222.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



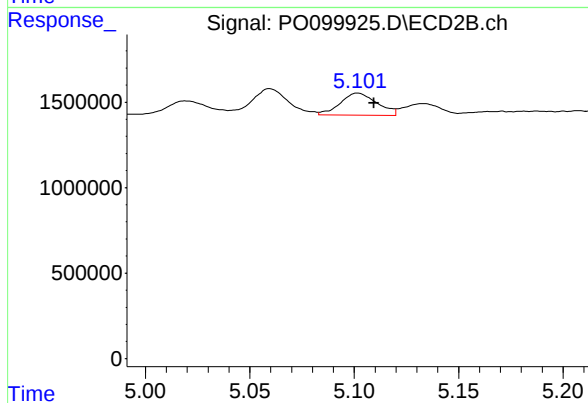
#13 AR-1232-3

R.T.: 5.020 min
Delta R.T.: -0.006 min
Response: 1031071
Conc: 112.48 ng/ml



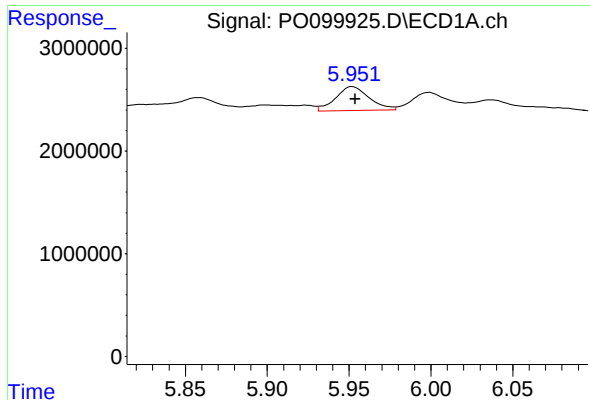
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.003 min
Response: 3684563
Conc: 241.01 ng/ml



#14 AR-1232-4

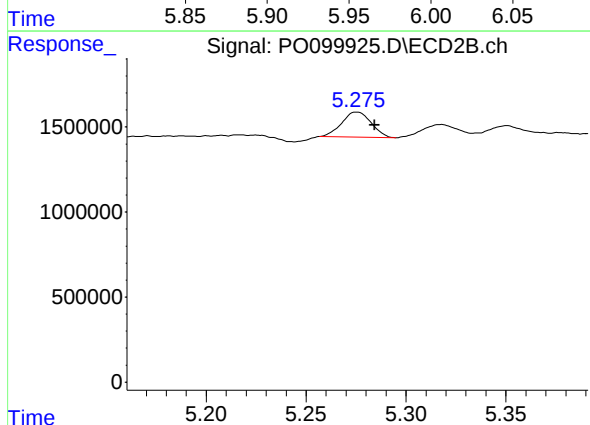
R.T.: 5.102 min
Delta R.T.: -0.008 min
Response: 1590610
Conc: 186.56 ng/ml



#15 AR-1232-5

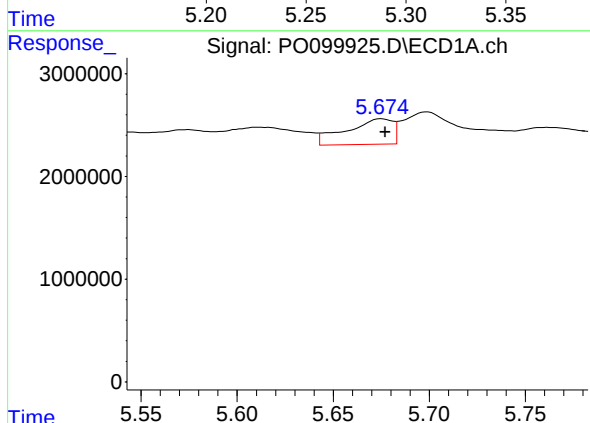
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 3346127
Conc: 260.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



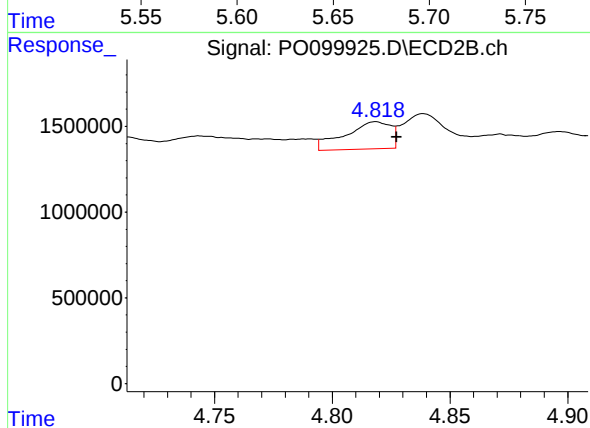
#15 AR-1232-5

R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 1513587
Conc: 164.96 ng/ml



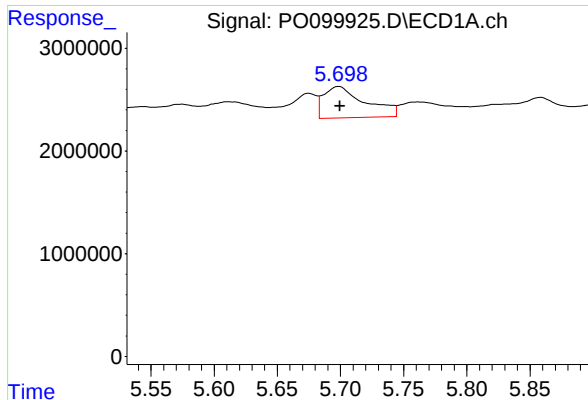
#16 AR-1242-1

R.T.: 5.675 min
Delta R.T.: -0.002 min
Response: 4176806
Conc: 114.01 ng/ml



#16 AR-1242-1

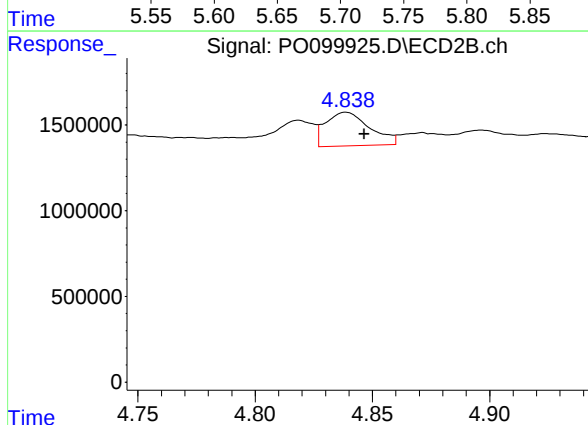
R.T.: 4.818 min
Delta R.T.: -0.009 min
Response: 2156481
Conc: 93.87 ng/ml



#17 AR-1242-2

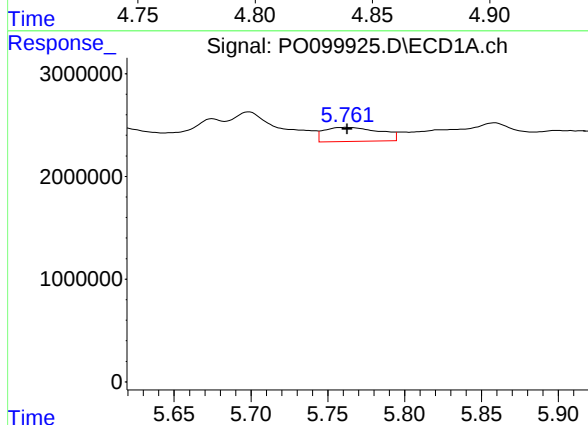
R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 7029853
Conc: 124.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



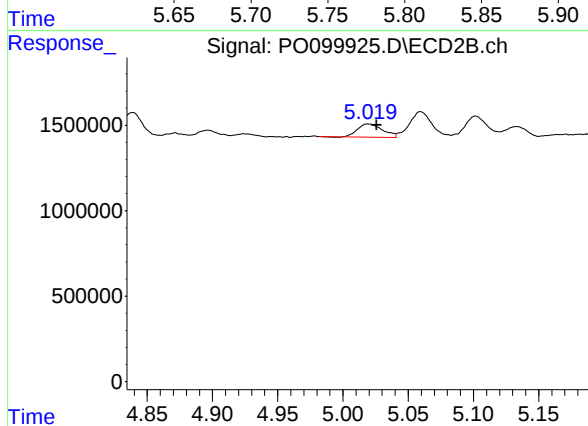
#17 AR-1242-2

R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 2568217
Conc: 81.75 ng/ml



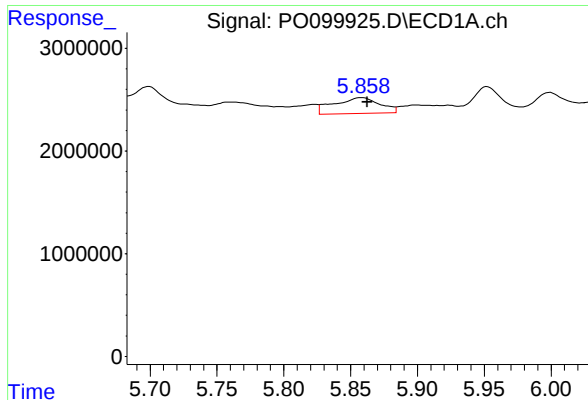
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 3461004
Conc: 91.33 ng/ml



#18 AR-1242-3

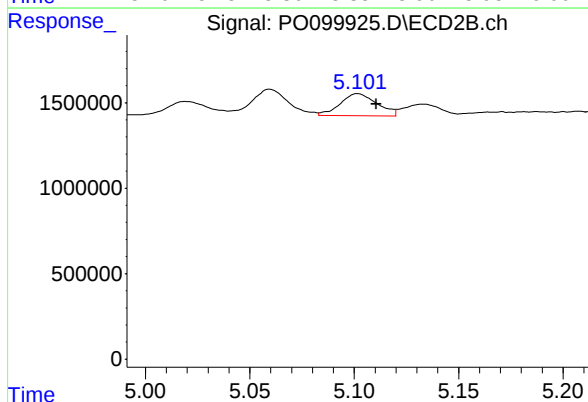
R.T.: 5.020 min
Delta R.T.: -0.006 min
Response: 1031071
Conc: 61.61 ng/ml



#19 AR-1242-4

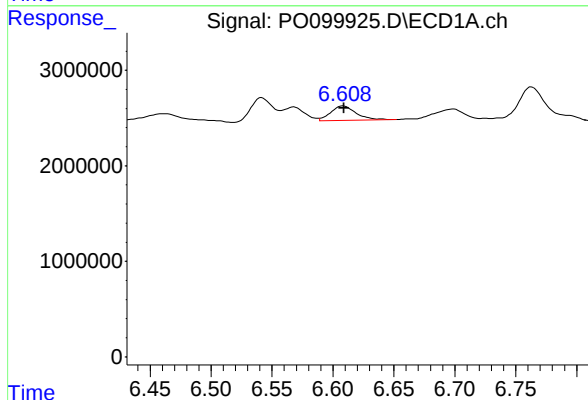
R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 3684563
Conc: 128.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



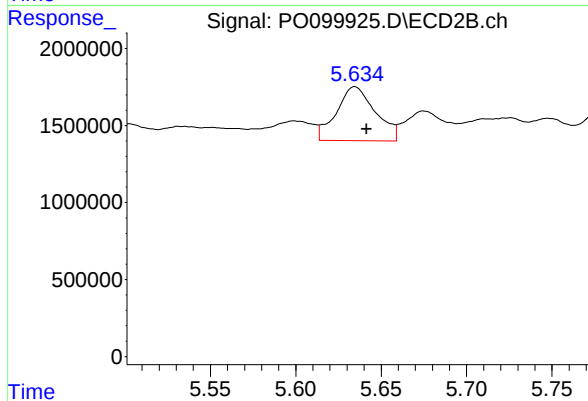
#19 AR-1242-4

R.T.: 5.102 min
Delta R.T.: -0.009 min
Response: 1590610
Conc: 92.05 ng/ml



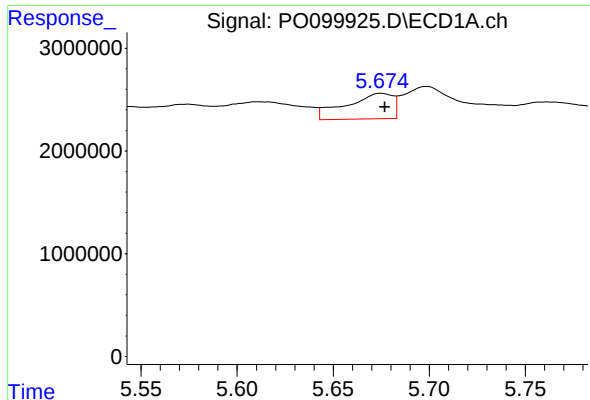
#20 AR-1242-5

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 2218696
Conc: 90.27 ng/ml



#20 AR-1242-5

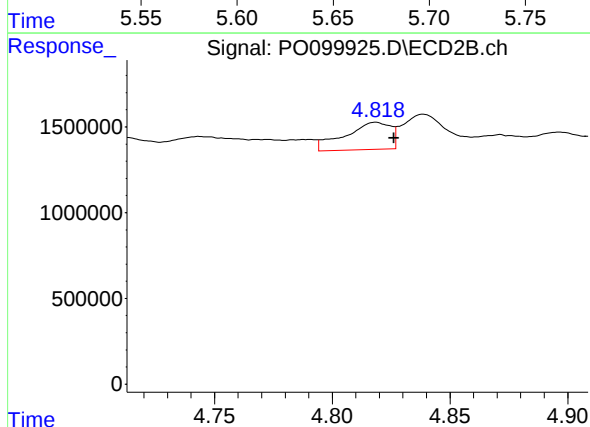
R.T.: 5.635 min
Delta R.T.: -0.007 min
Response: 5554194
Conc: 279.18 ng/ml



#21 AR-1248-1

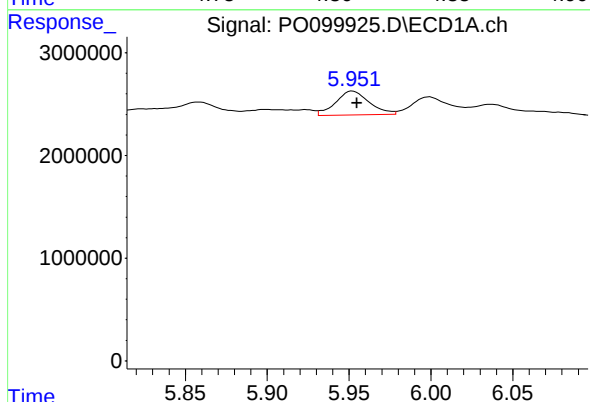
R.T.: 5.675 min
Delta R.T.: -0.002 min
Response: 4176806
Conc: 155.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



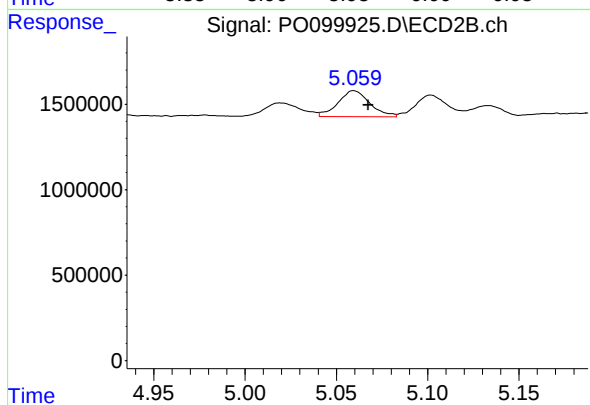
#21 AR-1248-1

R.T.: 4.818 min
Delta R.T.: -0.008 min
Response: 2156481
Conc: 123.25 ng/ml



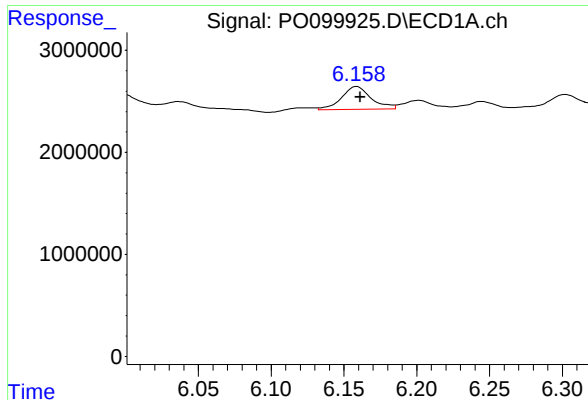
#22 AR-1248-2

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 3346127
Conc: 78.77 ng/ml



#22 AR-1248-2

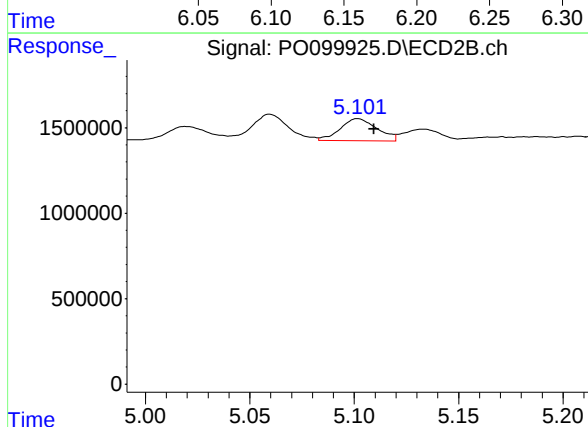
R.T.: 5.060 min
Delta R.T.: -0.008 min
Response: 1843892
Conc: 76.71 ng/ml



#23 AR-1248-3

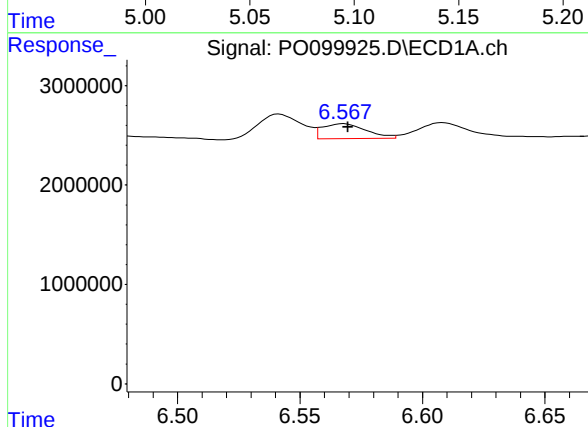
R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 3204790
Conc: 69.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



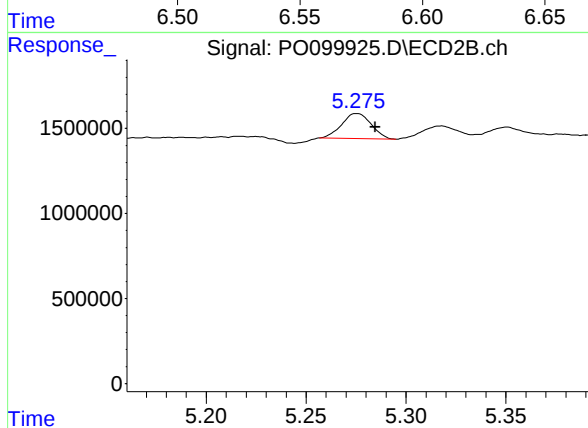
#23 AR-1248-3

R.T.: 5.102 min
Delta R.T.: -0.008 min
Response: 1590610
Conc: 64.38 ng/ml



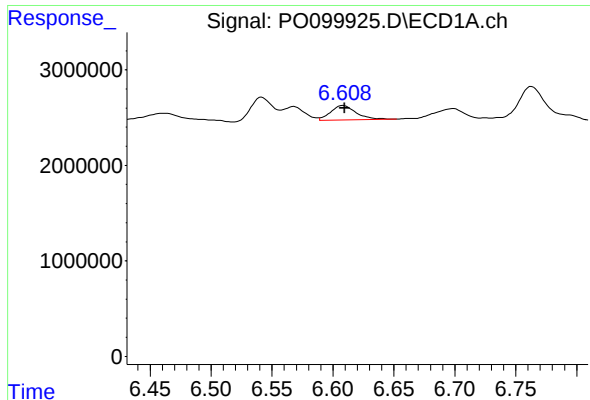
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 1873776
Conc: 45.17 ng/ml



#24 AR-1248-4

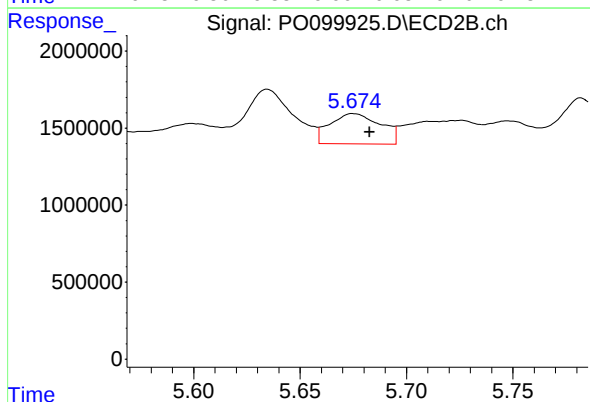
R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 1513587
Conc: 53.61 ng/ml



#25 AR-1248-5

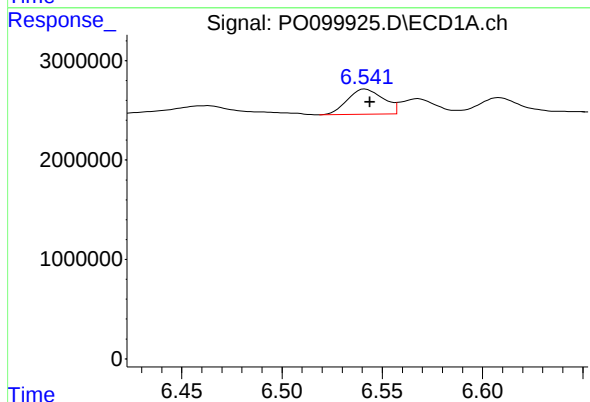
R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 2218696
Conc: 54.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



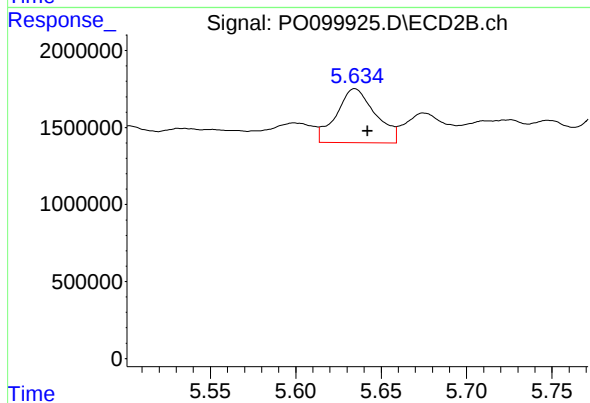
#25 AR-1248-5

R.T.: 5.675 min
Delta R.T.: -0.008 min
Response: 3244117
Conc: 127.65 ng/ml



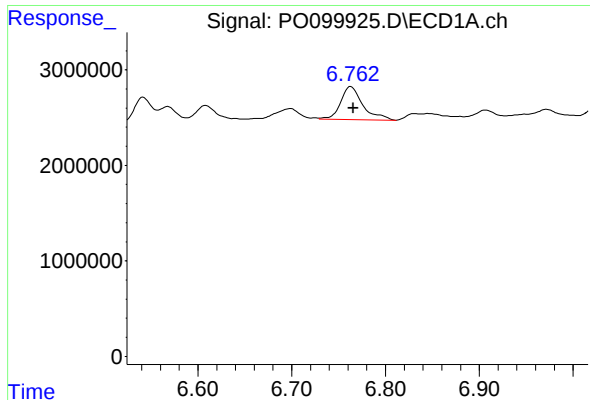
#26 AR-1254-1

R.T.: 6.542 min
Delta R.T.: -0.002 min
Response: 3179308
Conc: 65.66 ng/ml



#26 AR-1254-1

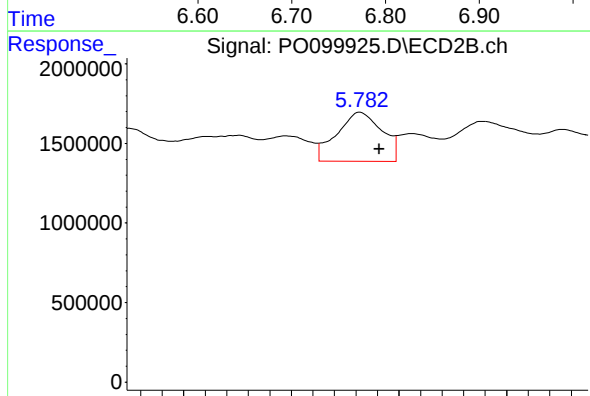
R.T.: 5.635 min
Delta R.T.: -0.007 min
Response: 5554194
Conc: 134.12 ng/ml



#27 AR-1254-2

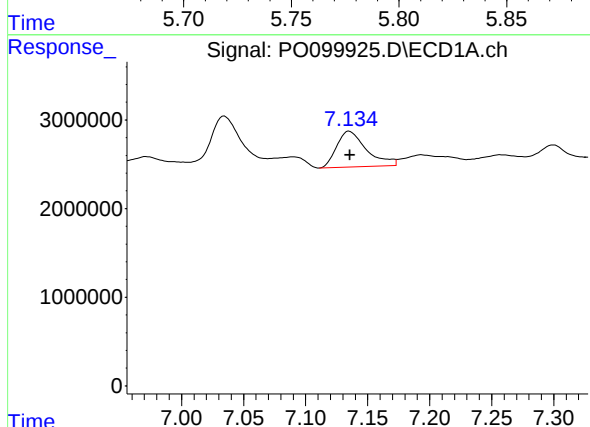
R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 5653951
Conc: 80.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



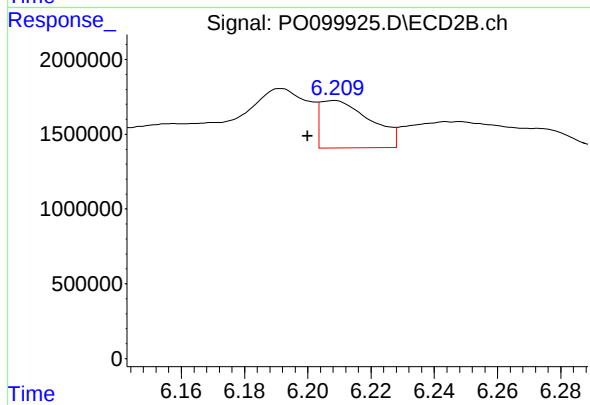
#27 AR-1254-2

R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 4499537
Conc: 118.48 ng/ml



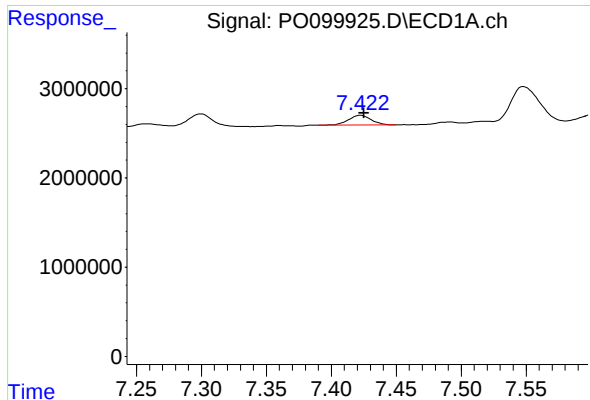
#28 AR-1254-3

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 6798798
Conc: 100.15 ng/ml



#28 AR-1254-3

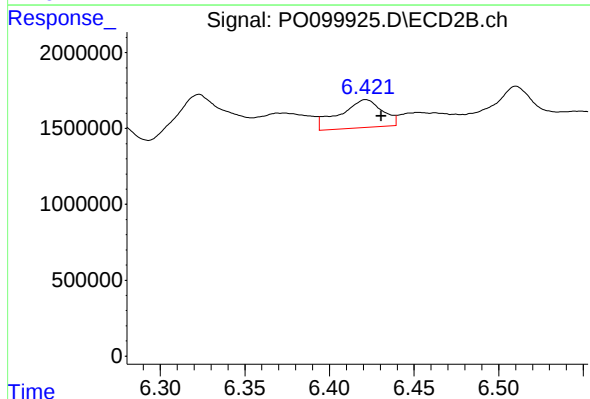
R.T.: 6.208 min
Delta R.T.: 0.008 min
Response: 3499898
Conc: 54.13 ng/ml



#29 AR-1254-4

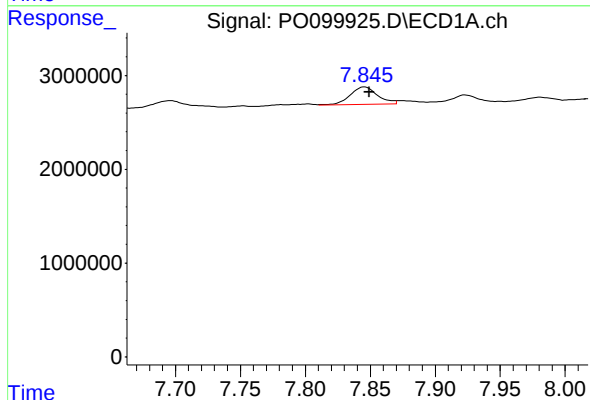
R.T.: 7.423 min
Delta R.T.: -0.002 min
Response: 1300481
Conc: 32.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



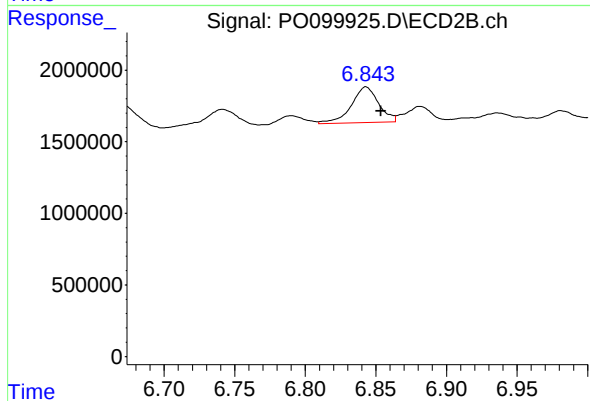
#29 AR-1254-4

R.T.: 6.422 min
Delta R.T.: -0.009 min
Response: 3226215
Conc: 94.15 ng/ml



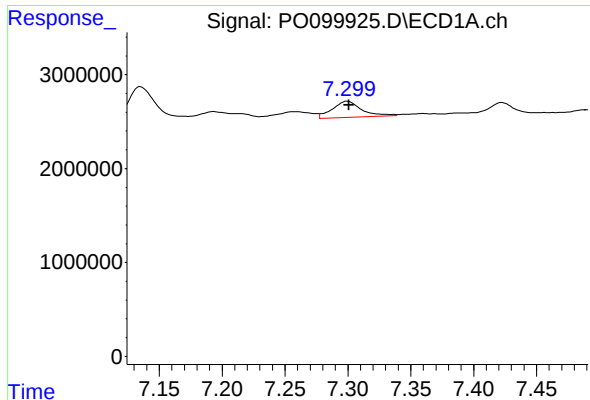
#30 AR-1254-5

R.T.: 7.846 min
Delta R.T.: -0.004 min
Response: 2720899
Conc: 55.41 ng/ml



#30 AR-1254-5

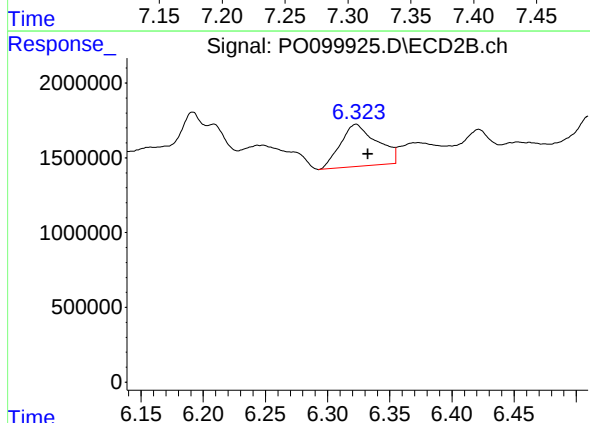
R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 3357753
Conc: 54.75 ng/ml



#31 AR-1260-1

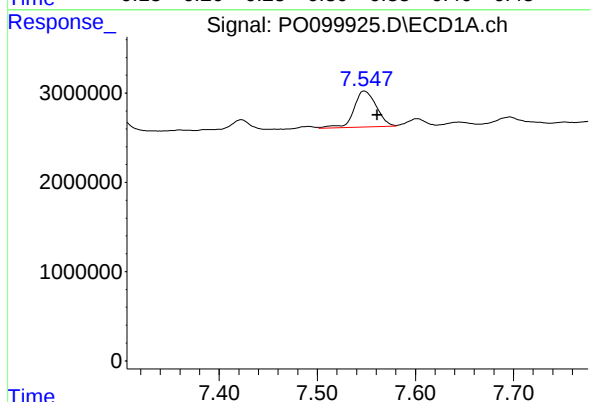
R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 2808156
Conc: 50.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



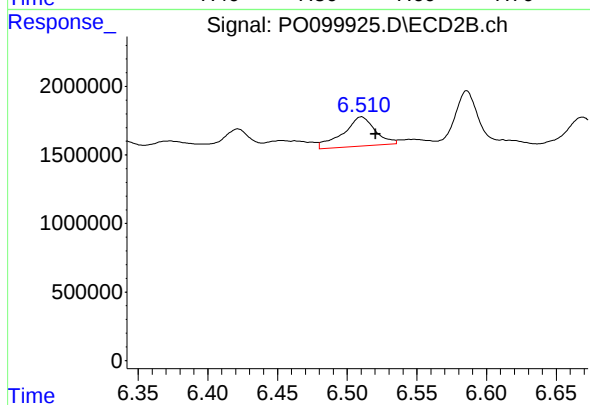
#31 AR-1260-1

R.T.: 6.323 min
Delta R.T.: -0.010 min
Response: 5788193
Conc: 120.24 ng/ml



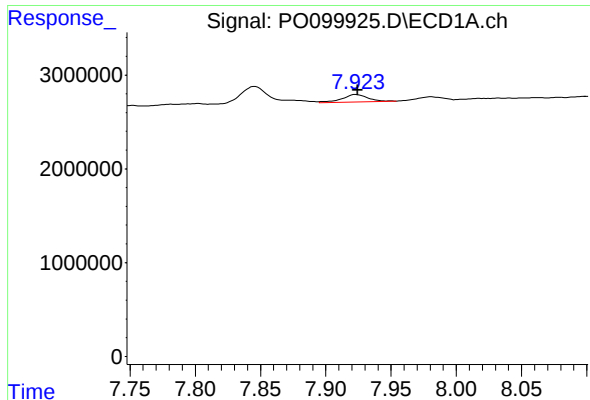
#32 AR-1260-2

R.T.: 7.548 min
Delta R.T.: -0.013 min
Response: 6427854
Conc: 106.55 ng/ml



#32 AR-1260-2

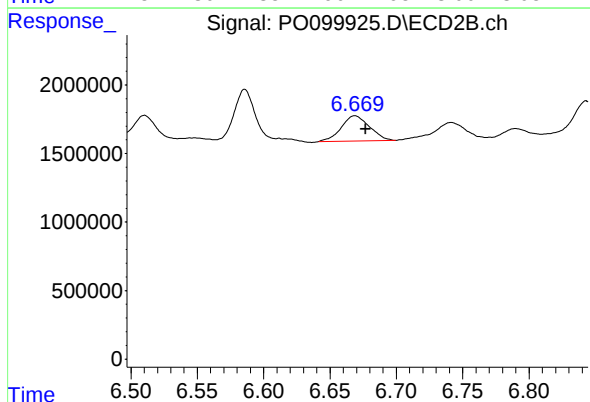
R.T.: 6.510 min
Delta R.T.: -0.010 min
Response: 3407522
Conc: 60.08 ng/ml



#33 AR-1260-3

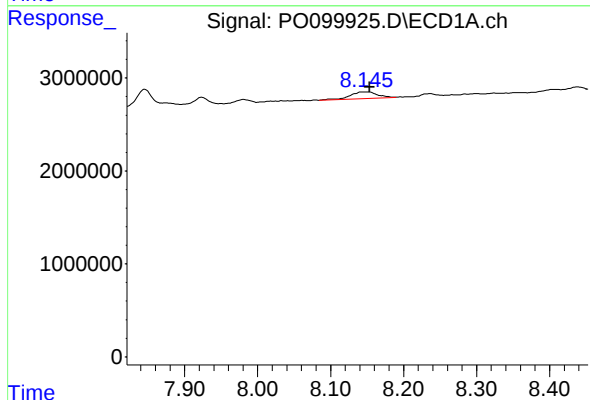
R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 1085178
Conc: 25.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



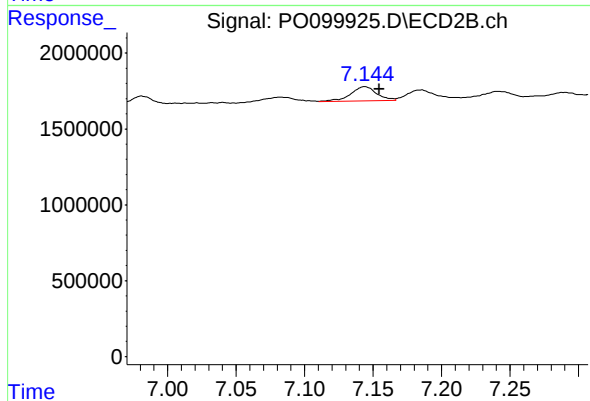
#33 AR-1260-3

R.T.: 6.669 min
Delta R.T.: -0.008 min
Response: 2706681
Conc: 48.96 ng/ml



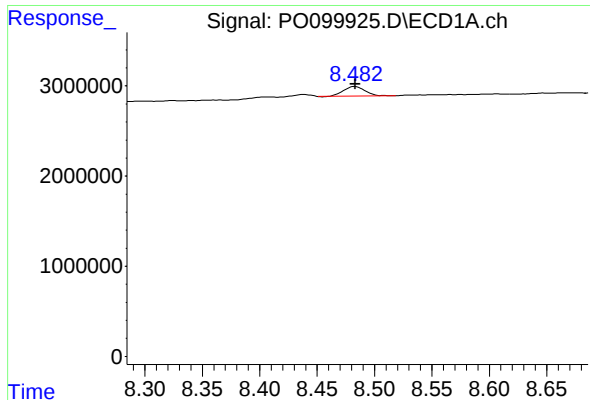
#34 AR-1260-4

R.T.: 8.147 min
Delta R.T.: -0.007 min
Response: 1967020
Conc: 39.94 ng/ml



#34 AR-1260-4

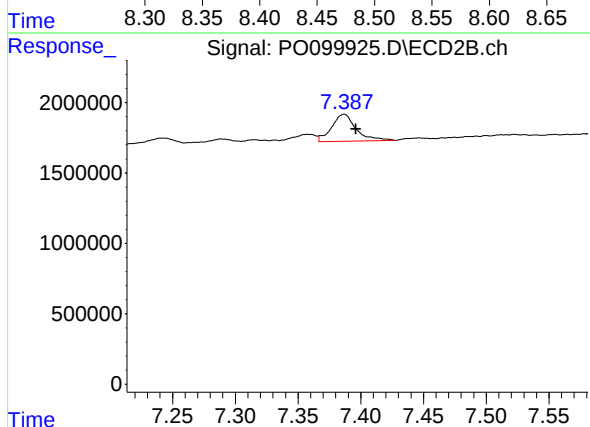
R.T.: 7.144 min
Delta R.T.: -0.011 min
Response: 1225382
Conc: 27.81 ng/ml



#35 AR-1260-5

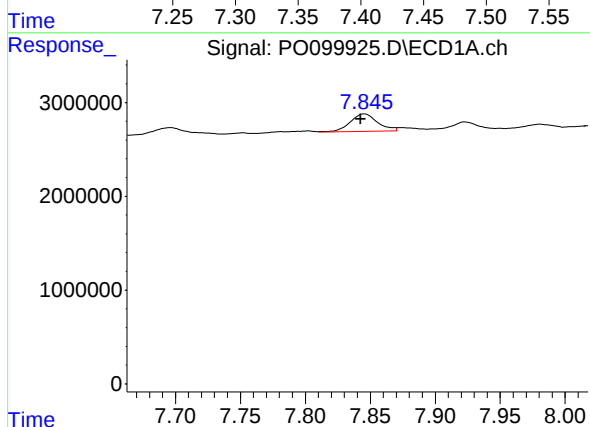
R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 1410415
Conc: 16.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



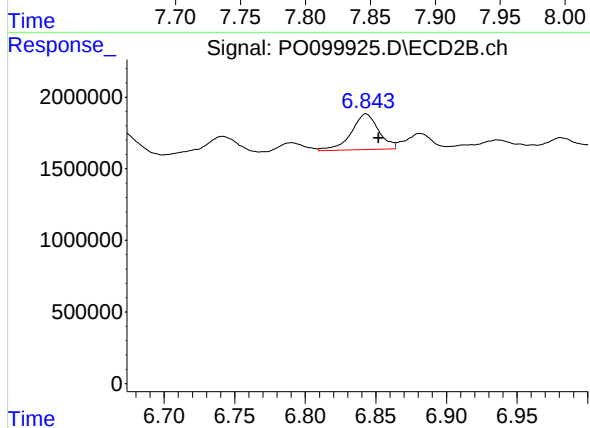
#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: -0.010 min
Response: 2623483
Conc: 26.40 ng/ml



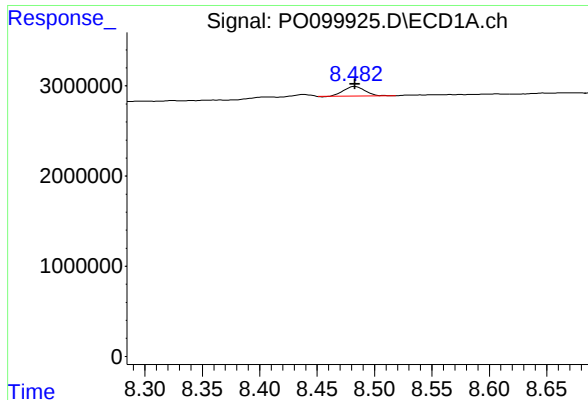
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.003 min
Response: 2720899
Conc: 60.72 ng/ml



#36 AR-1262-1

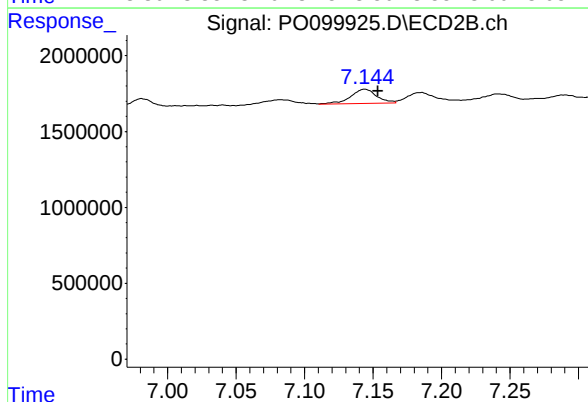
R.T.: 6.843 min
Delta R.T.: -0.009 min
Response: 3357753
Conc: 103.19 ng/ml



#37 AR-1262-2

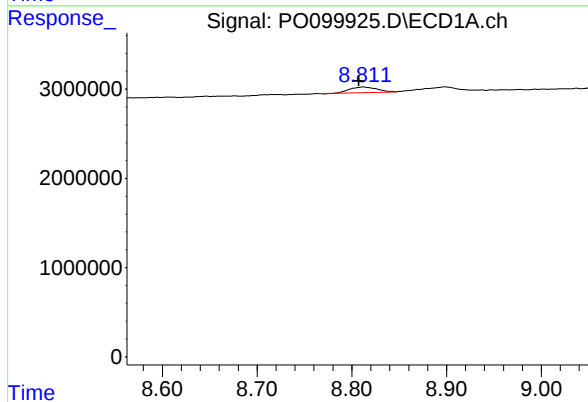
R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 1410415
Conc: 13.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



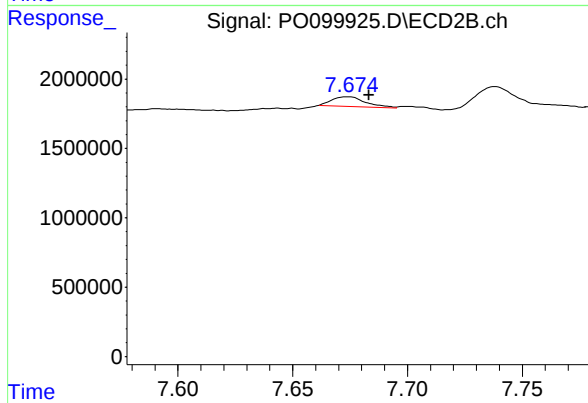
#37 AR-1262-2

R.T.: 7.144 min
Delta R.T.: -0.010 min
Response: 1225382
Conc: 18.75 ng/ml



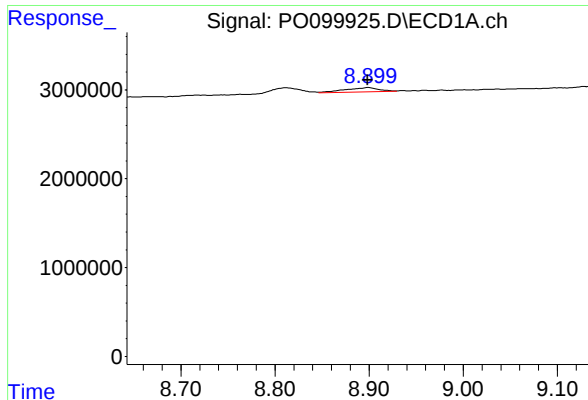
#38 AR-1262-3

R.T.: 8.812 min
Delta R.T.: 0.004 min
Response: 1287196
Conc: 17.55 ng/ml



#38 AR-1262-3

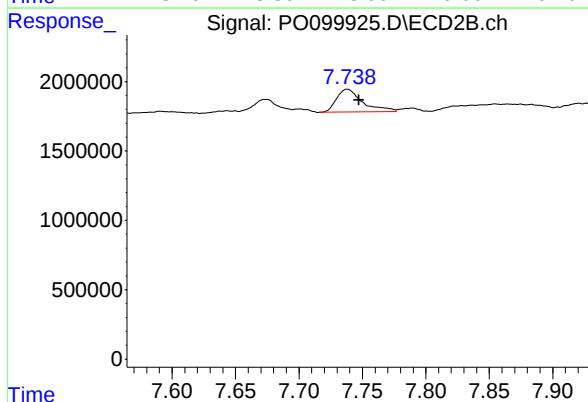
R.T.: 7.674 min
Delta R.T.: -0.009 min
Response: 715746
Conc: 13.92 ng/ml



#39 AR-1262-4

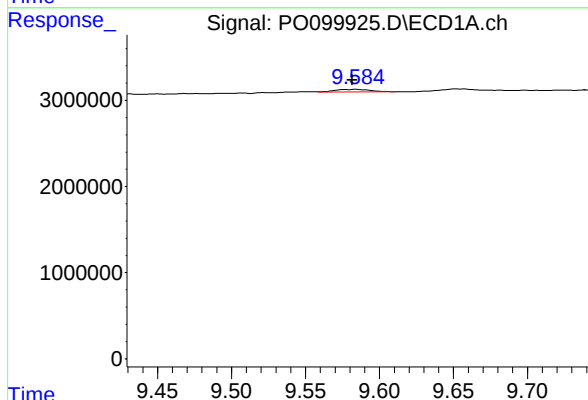
R.T.: 8.899 min
Delta R.T.: 0.000 min
Response: 1196286
Conc: 20.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



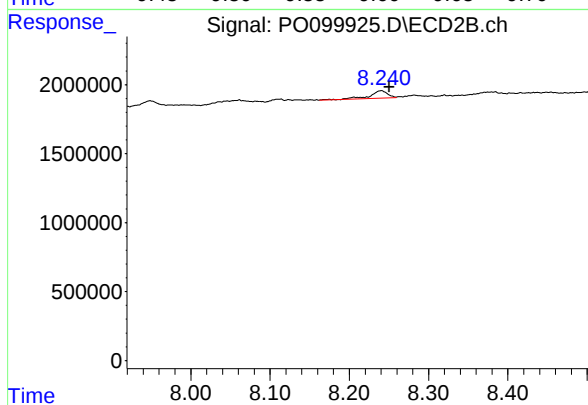
#39 AR-1262-4

R.T.: 7.738 min
Delta R.T.: -0.009 min
Response: 2337728
Conc: 26.23 ng/ml



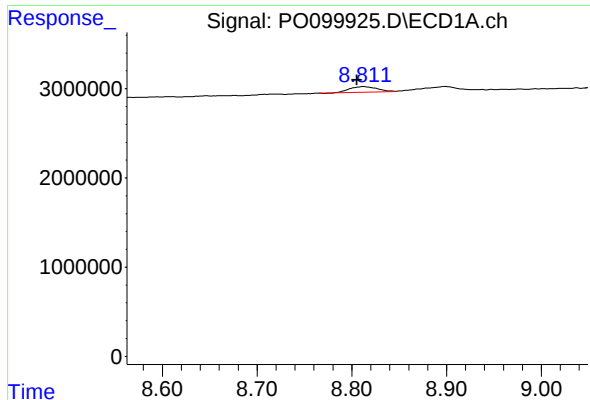
#40 AR-1262-5

R.T.: 9.584 min
Delta R.T.: 0.002 min
Response: 494825
Conc: 15.12 ng/ml



#40 AR-1262-5

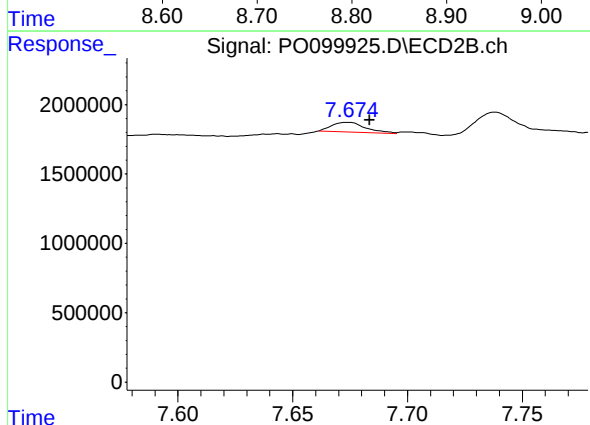
R.T.: 8.240 min
Delta R.T.: -0.010 min
Response: 896976
Conc: 23.01 ng/ml



#41 AR-1268-1

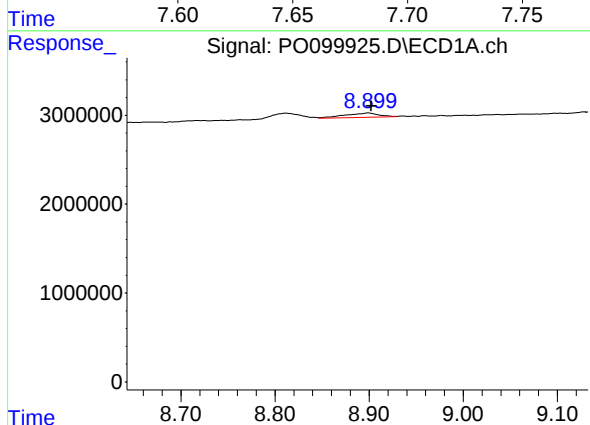
R.T.: 8.812 min
Delta R.T.: 0.007 min
Response: 1287196
Conc: 9.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



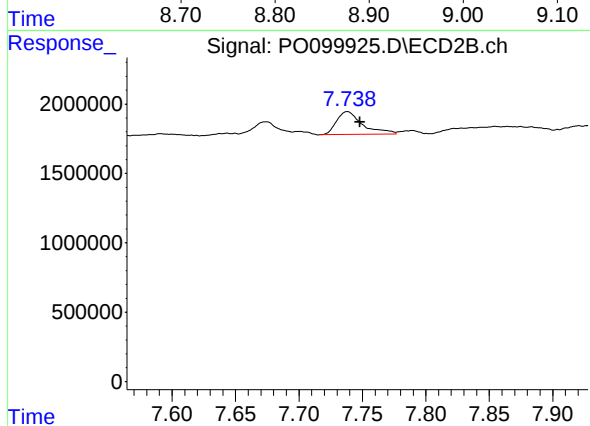
#41 AR-1268-1

R.T.: 7.674 min
Delta R.T.: -0.010 min
Response: 715746
Conc: 5.00 ng/ml



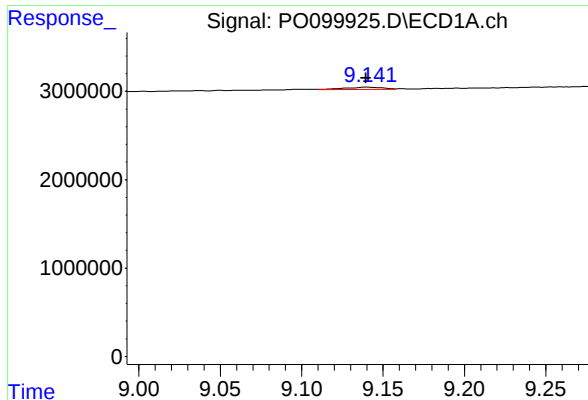
#42 AR-1268-2

R.T.: 8.899 min
Delta R.T.: -0.003 min
Response: 1196286
Conc: 10.43 ng/ml



#42 AR-1268-2

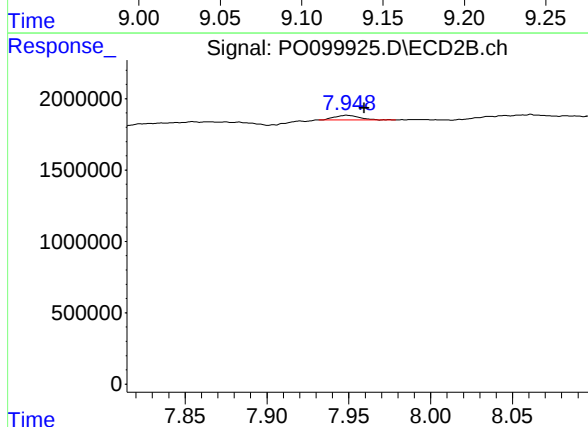
R.T.: 7.738 min
Delta R.T.: -0.010 min
Response: 2337728
Conc: 17.95 ng/ml



#43 AR-1268-3

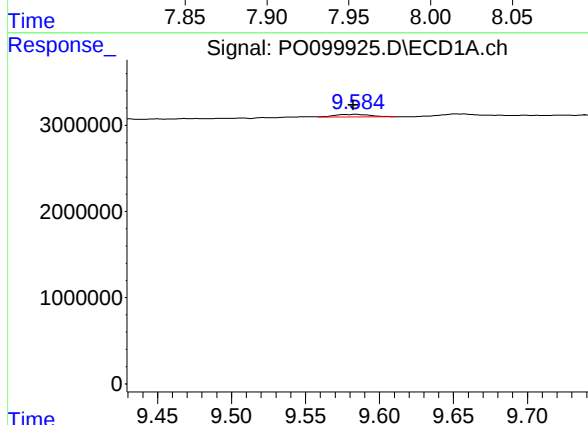
R.T.: 9.140 min
Delta R.T.: 0.000 min
Response: 402626
Conc: 3.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



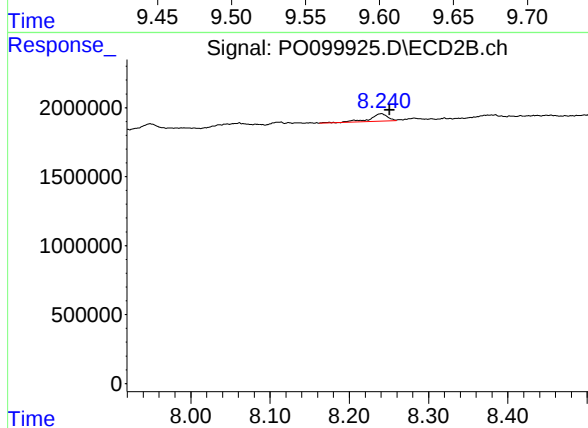
#43 AR-1268-3

R.T.: 7.949 min
Delta R.T.: -0.010 min
Response: 347887
Conc: 2.86 ng/ml



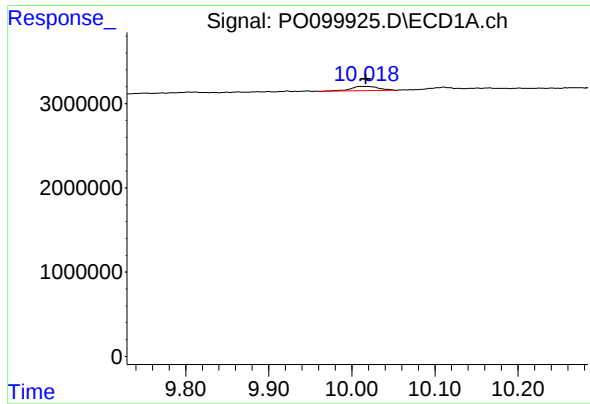
#44 AR-1268-4

R.T.: 9.584 min
Delta R.T.: 0.002 min
Response: 494825
Conc: 14.17 ng/ml



#44 AR-1268-4

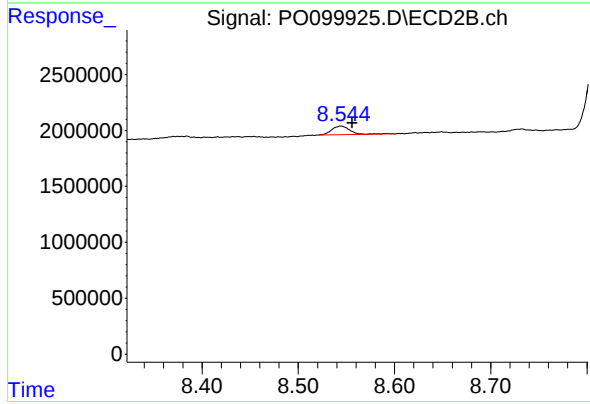
R.T.: 8.240 min
Delta R.T.: -0.011 min
Response: 896976
Conc: 20.81 ng/ml



#45 AR-1268-5

R.T.: 10.018 min
Delta R.T.: 0.000 min
Response: 1130473
Conc: 3.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.544 min
Delta R.T.: -0.012 min
Response: 1028729
Conc: 2.96 ng/ml