

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081823\
 Data File : P0097243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 10:44
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:02:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.410	3.614	178.3E6	69017116	53.857	52.136
2) SA Decachlor...	10.351	8.630	122.1E6	57543301	55.805	49.738
Target Compounds						
3) L1 AR-1016-1	5.596	4.717	33105732	15002779	351.502	338.388
4) L1 AR-1016-2	5.619	4.717	39513730	15002779	295.376	245.261
5) L1 AR-1016-3	5.682	4.894	19704919	9428982	226.438	288.627 #
6) L1 AR-1016-4	5.782	4.936	21478066	20475561	319.755	716.270 #
7) L1 AR-1016-5	6.084	5.149	52848093	25700107	756.952	668.465
8) L2 AR-1221-1	4.620	0.000	261006	0	6.404	N.D. #
9) L2 AR-1221-2	4.720	3.913	2875684	1151920	94.658	89.153
10) L2 AR-1221-3	4.785	3.989	3004809	1257328	34.328	31.675
11) L3 AR-1232-1	4.785	3.989	3004809	1257328	41.199	38.870
12) L3 AR-1232-2	5.323	4.717	15993293	15002779	403.403	519.981 #
13) L3 AR-1232-3	5.619	4.894	39513730	9428982	645.938	621.888
14) L3 AR-1232-4	5.782	4.977	21478066	21686930	703.880	1451.149 #
15) L3 AR-1232-5	5.876	5.149	49758114	25700107	1778.144	1572.182
16) L4 AR-1242-1	5.596	4.717	33105732	15002779	394.977	380.540
17) L4 AR-1242-2	5.619	4.717	39513730	15002779	335.539	275.326
18) L4 AR-1242-3	5.682	4.894	19704919	9428982	266.743	318.885
19) L4 AR-1242-4	5.782	4.977	21478066	21686930	360.792	688.171 #
20) L4 AR-1242-5	6.537	5.502	49483102	34280500	899.370	940.837
21) L5 AR-1248-1	5.596	4.717	33105732	15002779	565.001	534.620
22) L5 AR-1248-2	5.876	4.936	49758114	20475561	529.243	483.131
23) L5 AR-1248-3	6.084	4.977	52848093	21686930	540.320	494.401
24) L5 AR-1248-4	6.497	5.149	51728376	25700107	569.423	503.431
25) L5 AR-1248-5	6.537	5.543	49483102	24238819	561.759	518.457
26) L6 AR-1254-1	6.469	5.502	40959984	34280500	374.780	464.529
27) L6 AR-1254-2	6.698	5.651	51764383	11263620	321.064	170.971 #
28) L6 AR-1254-3	7.072	6.055	27848174	16200035	177.720	160.297
29) L6 AR-1254-4	7.365	6.285	17774229	11122751	176.300	192.186
30) L6 AR-1254-5	7.797	6.703	4014596	3359335	35.776	38.211
31) L7 AR-1260-1	7.242	6.200	3704821	7950687	29.476	112.987 #
32) L7 AR-1260-2	7.504	6.374	4017387	1507900	29.817	18.067 #
33) L7 AR-1260-3	7.874	6.526	852302	1687306	8.213	21.851 #
34) L7 AR-1260-4	8.095	7.000	3093449	217753	27.669	3.398 #
35) L7 AR-1260-5	8.440	7.244	1399559	474821	6.665	3.425 #
36) L8 AR-1262-1	7.874	6.772	852302	531201	5.738	13.493 #
37) L8 AR-1262-2	8.440	7.000	1399559	217753	6.046	2.685 #
38) L8 AR-1262-3	8.785	7.531	1565158	-14628	9.384	N.D. #
39) L8 AR-1262-4	8.852	7.592	117638	430068	1.614	3.786 #
40) L8 AR-1262-5	9.546	8.089	159443	143884	1.915	2.740 #
41) L9 AR-1268-1	8.785	7.531	1565158	-14628	5.092	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081823\
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 19 00:02:57 2023
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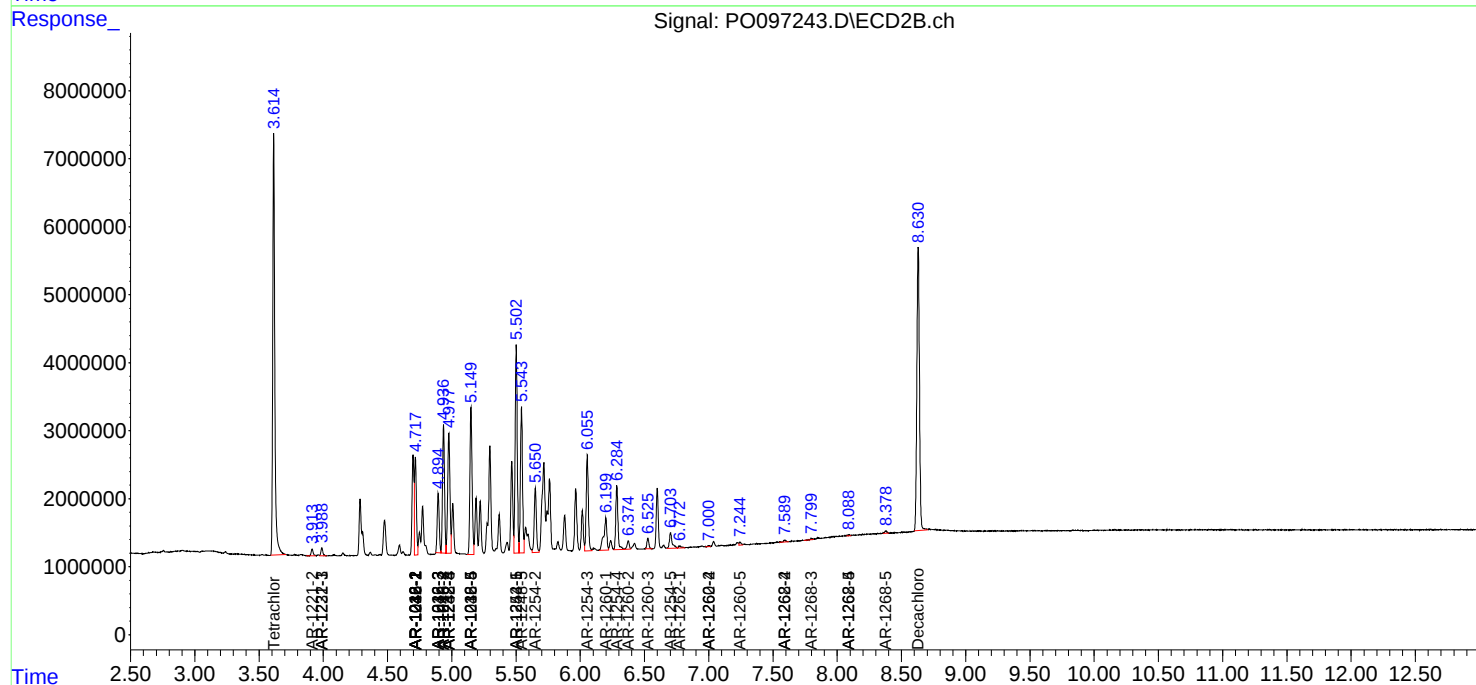
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

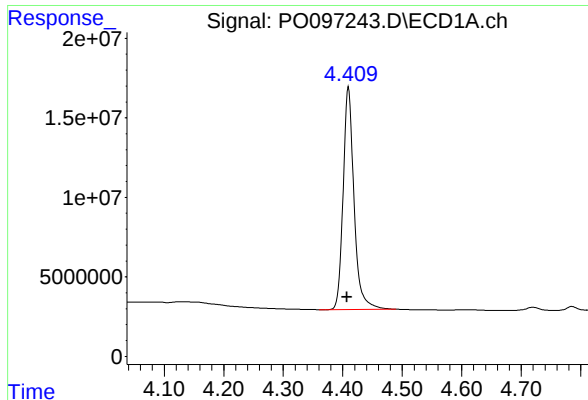
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.852	7.592	117638	430068	0.429	2.565 #
43) L9	AR-1268-3	9.103	7.799	428628	168124	1.678	1.164 #
44) L9	AR-1268-4	9.546	8.089	159443	143884	1.720	2.415 #
45) L9	AR-1268-5	9.991	8.378	936717	448832	1.160	1.079

(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

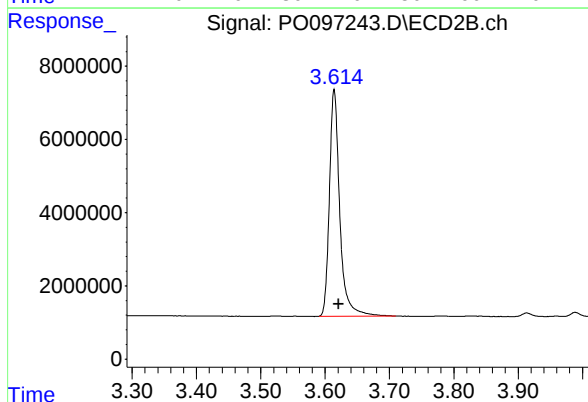




#1 Tetrachloro-m-xylene

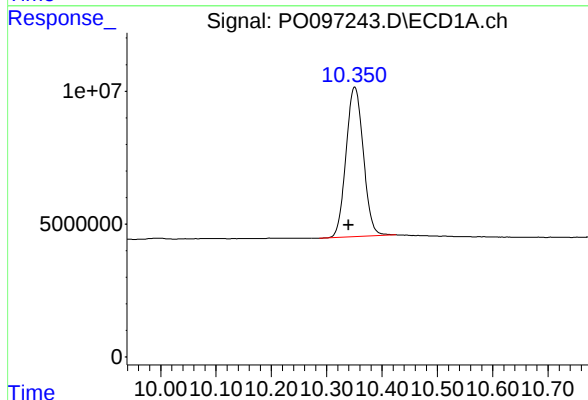
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 178277198
Conc: 53.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



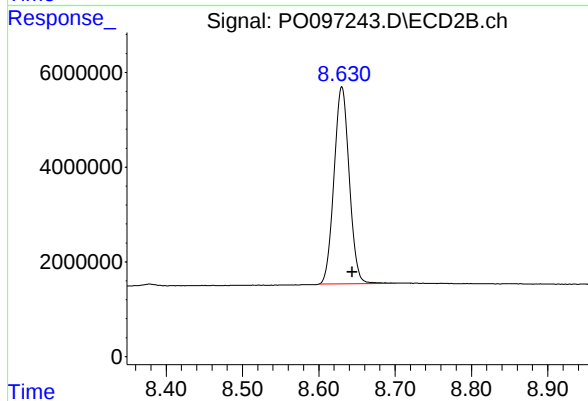
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 69017116
Conc: 52.14 ng/ml



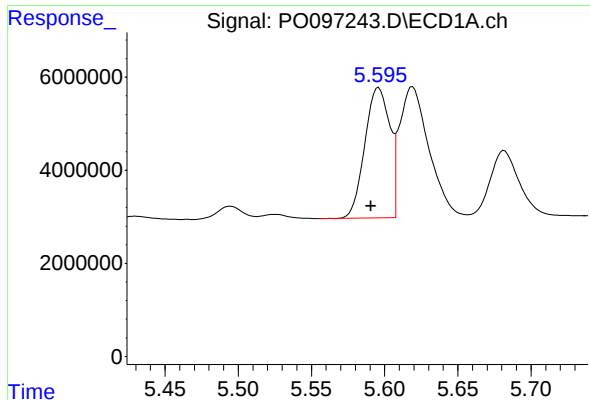
#2 Decachlorobiphenyl

R.T.: 10.351 min
Delta R.T.: 0.011 min
Response: 122111739
Conc: 55.80 ng/ml



#2 Decachlorobiphenyl

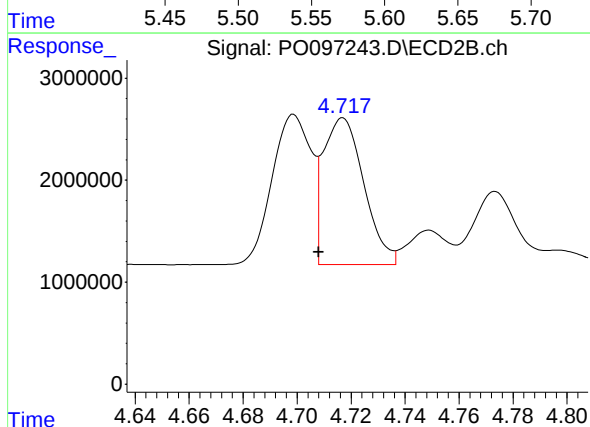
R.T.: 8.630 min
Delta R.T.: -0.014 min
Response: 57543301
Conc: 49.74 ng/ml



#3 AR-1016-1

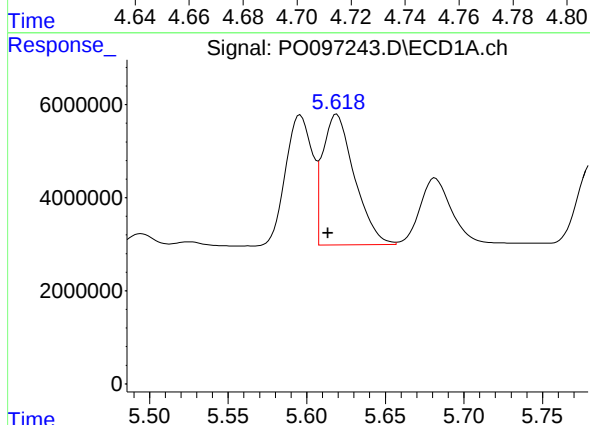
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 33105732
Conc: 351.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



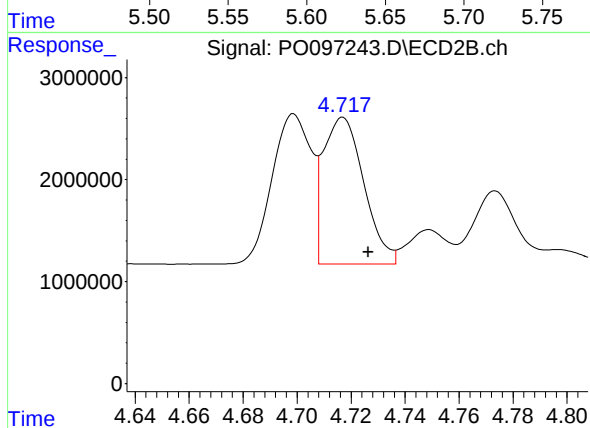
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 15002779
Conc: 338.39 ng/ml



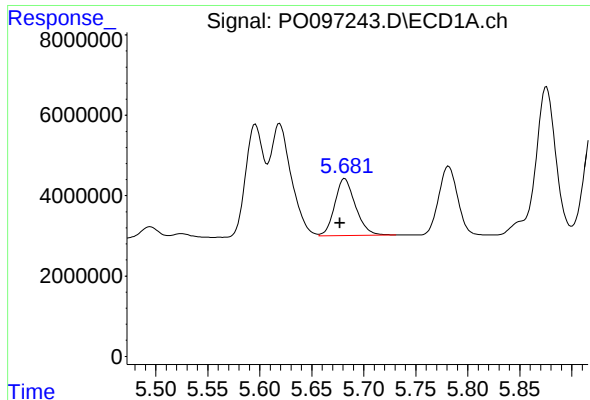
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 39513730
Conc: 295.38 ng/ml



#4 AR-1016-2

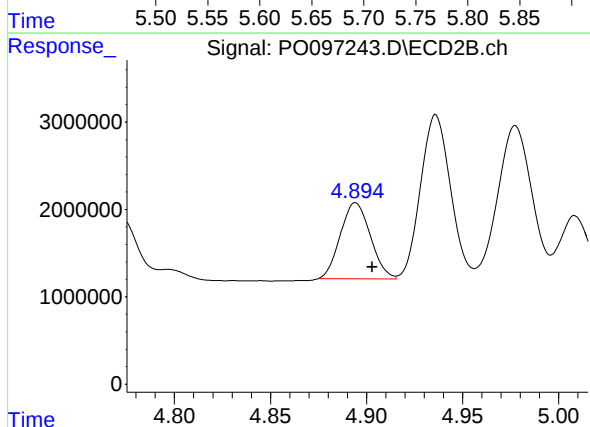
R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 15002779
Conc: 245.26 ng/ml



#5 AR-1016-3

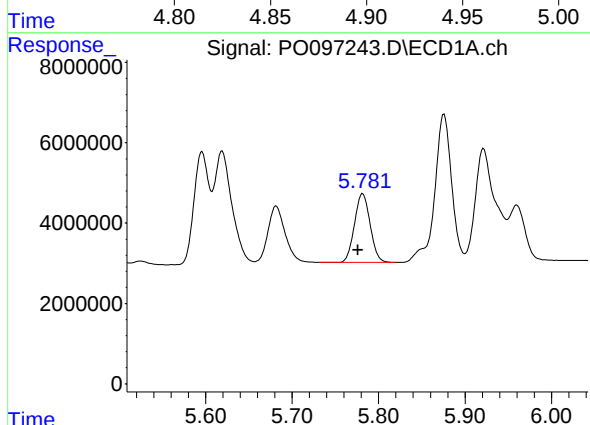
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 19704919
Conc: 226.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



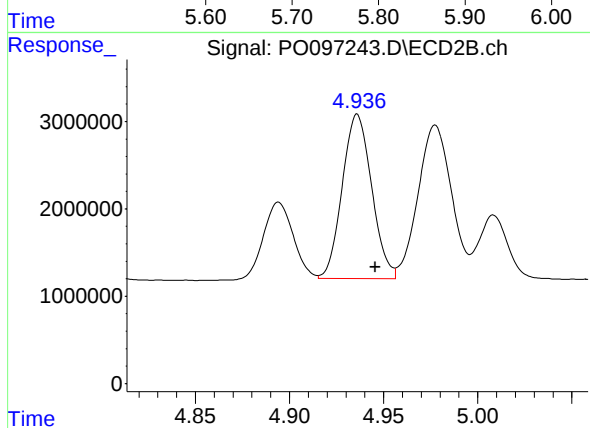
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 9428982
Conc: 288.63 ng/ml



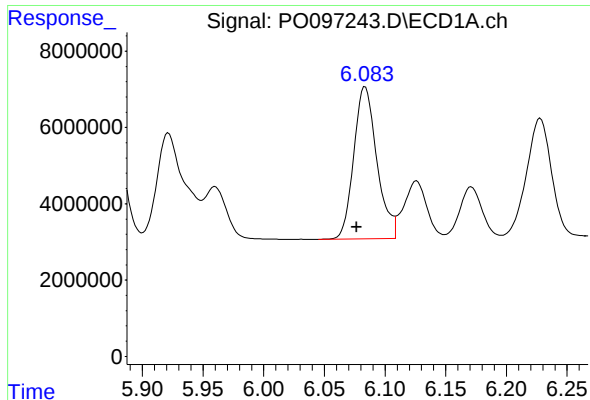
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 21478066
Conc: 319.76 ng/ml



#6 AR-1016-4

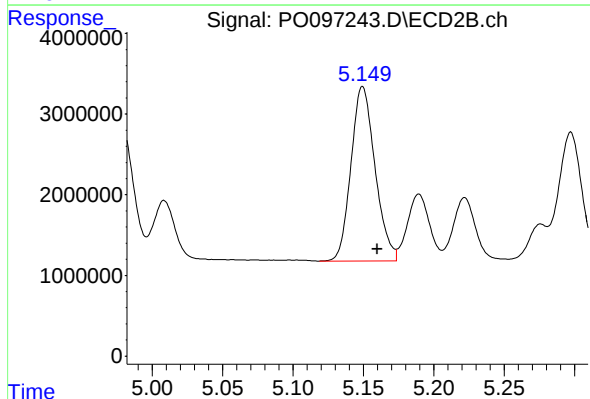
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 20475561
Conc: 716.27 ng/ml



#7 AR-1016-5

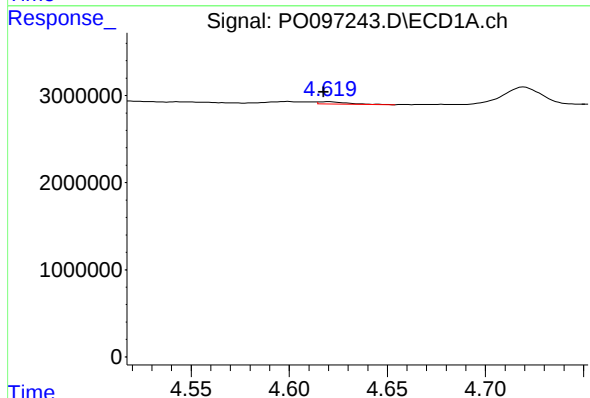
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 52848093
Conc: 756.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



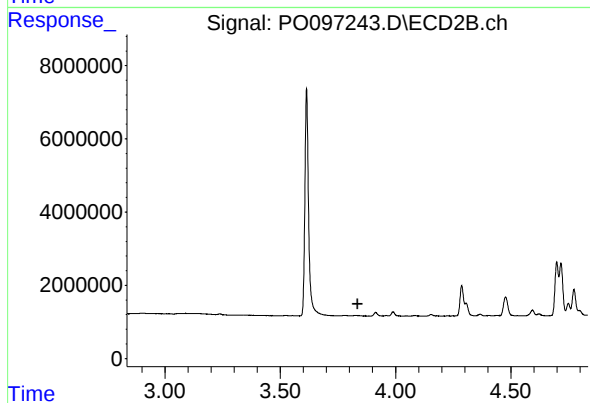
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 25700107
Conc: 668.46 ng/ml



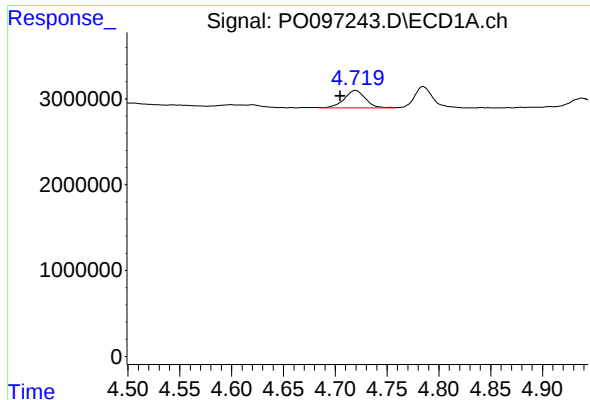
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: 0.003 min
Response: 261006
Conc: 6.40 ng/ml



#8 AR-1221-1

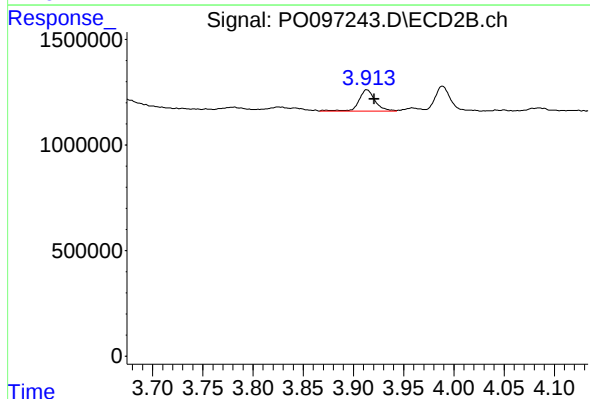
R.T.: 0.000 min
Exp R.T.: 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

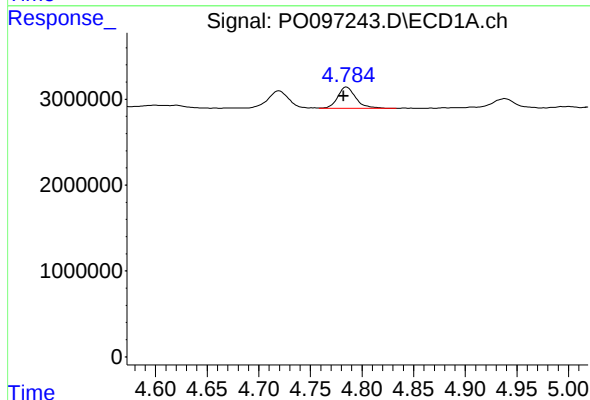
R.T.: 4.720 min
Delta R.T.: 0.015 min
Response: 2875684
Conc: 94.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



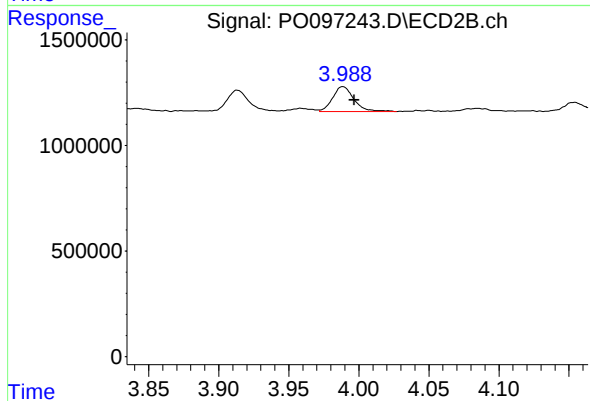
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.007 min
Response: 1151920
Conc: 89.15 ng/ml



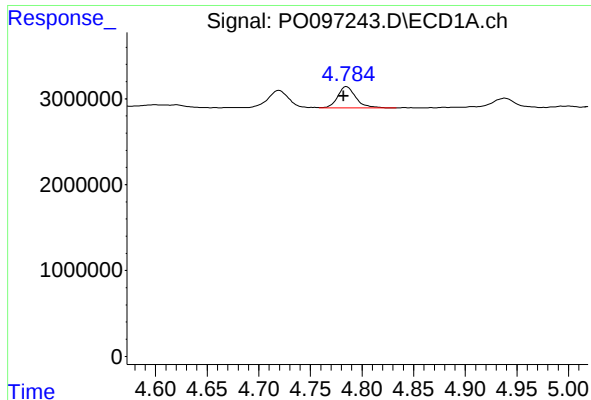
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 3004809
Conc: 34.33 ng/ml



#10 AR-1221-3

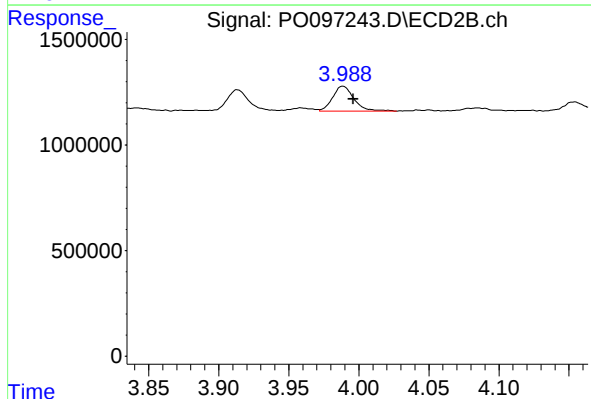
R.T.: 3.989 min
Delta R.T.: -0.008 min
Response: 1257328
Conc: 31.68 ng/ml



#11 AR-1232-1

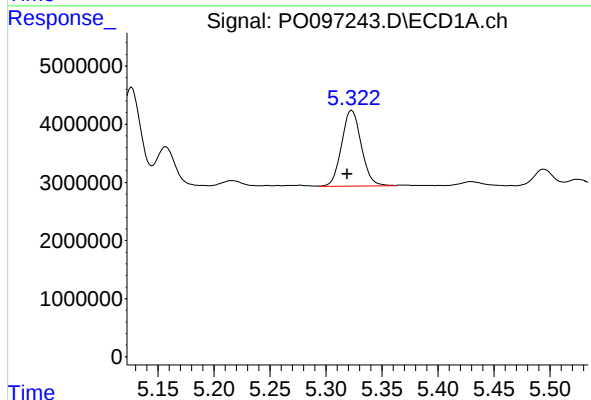
R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 3004809
Conc: 41.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



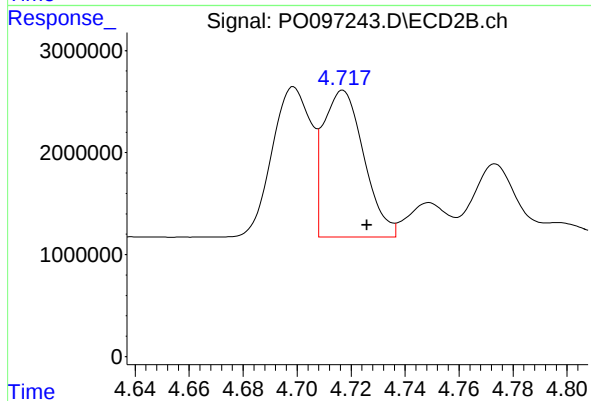
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: -0.007 min
Response: 1257328
Conc: 38.87 ng/ml



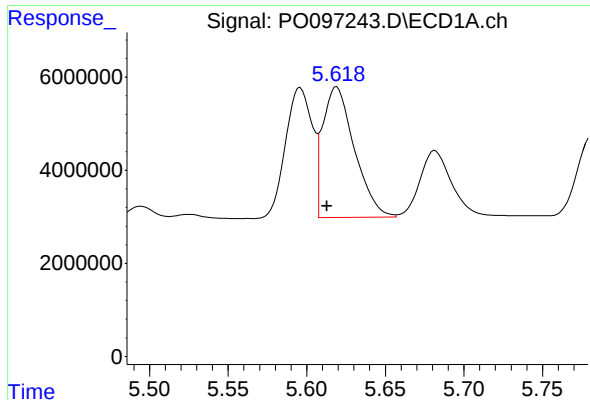
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 15993293
Conc: 403.40 ng/ml



#12 AR-1232-2

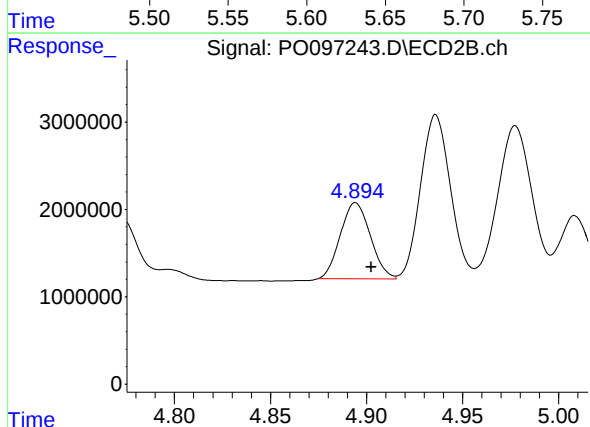
R.T.: 4.717 min
Delta R.T.: -0.009 min
Response: 15002779
Conc: 519.98 ng/ml



#13 AR-1232-3

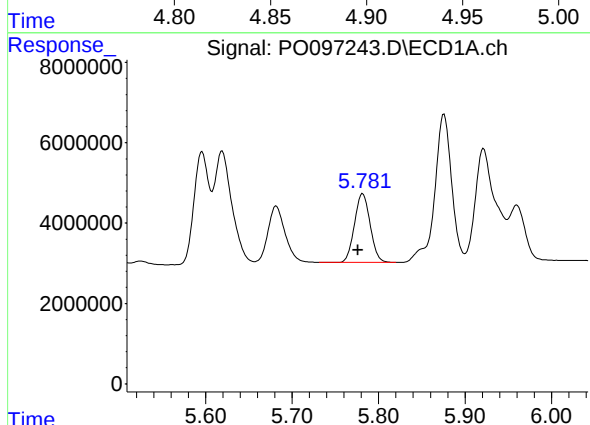
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 39513730
Conc: 645.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



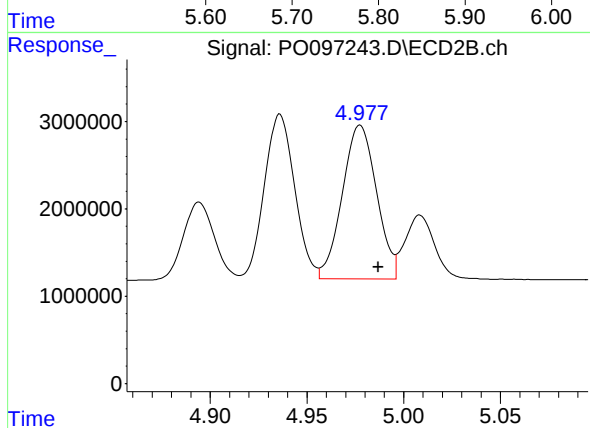
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 9428982
Conc: 621.89 ng/ml



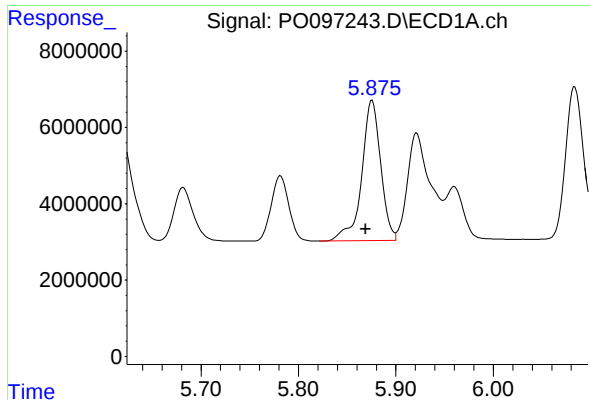
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 21478066
Conc: 703.88 ng/ml



#14 AR-1232-4

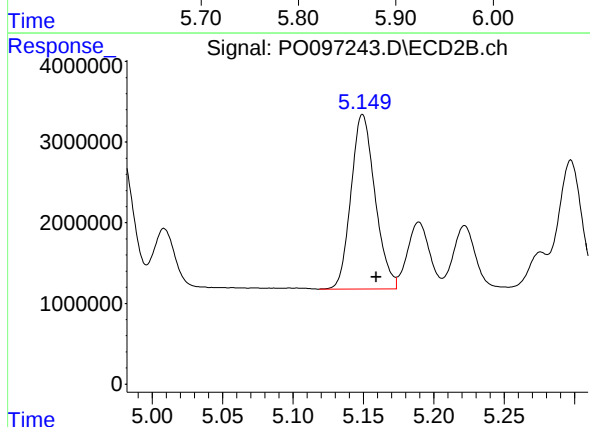
R.T.: 4.977 min
Delta R.T.: -0.009 min
Response: 21686930
Conc: 1451.15 ng/ml



#15 AR-1232-5

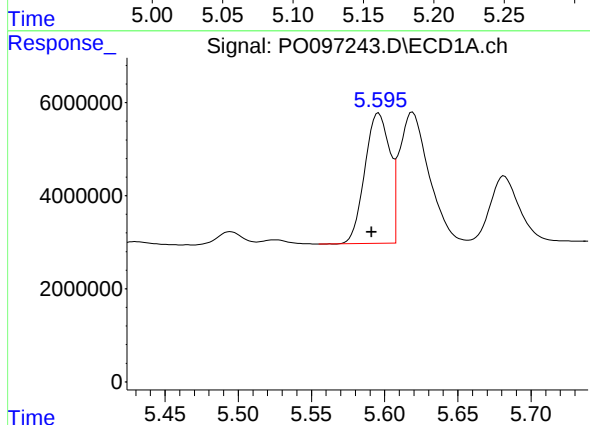
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 49758114
Conc: 1778.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



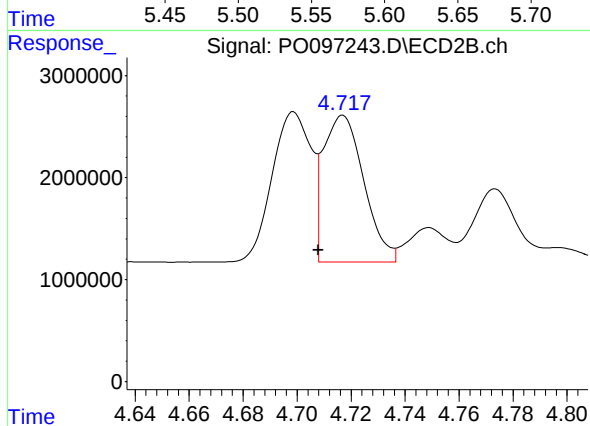
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 25700107
Conc: 1572.18 ng/ml



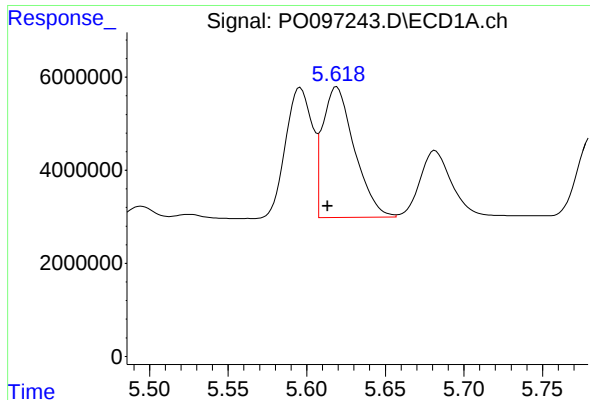
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 33105732
Conc: 394.98 ng/ml



#16 AR-1242-1

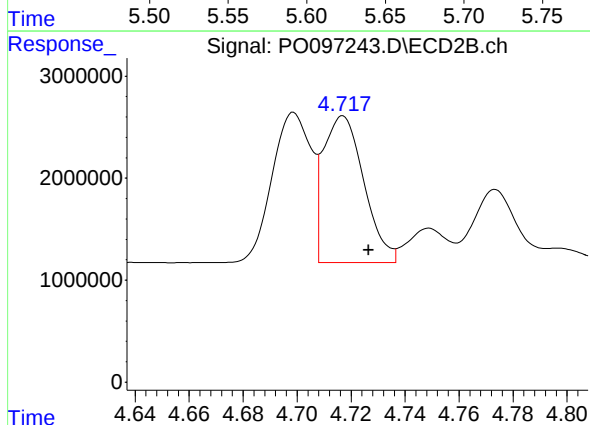
R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 15002779
Conc: 380.54 ng/ml



#17 AR-1242-2

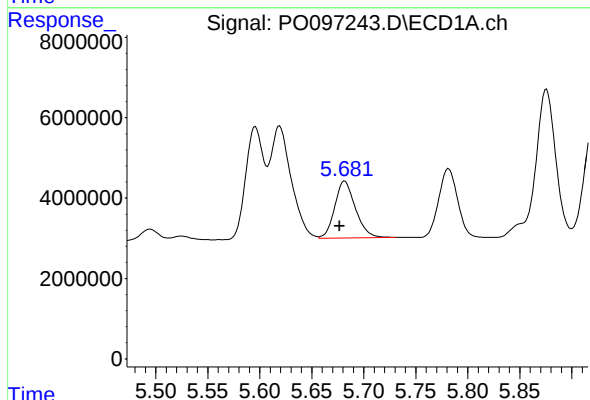
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 39513730
Conc: 335.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



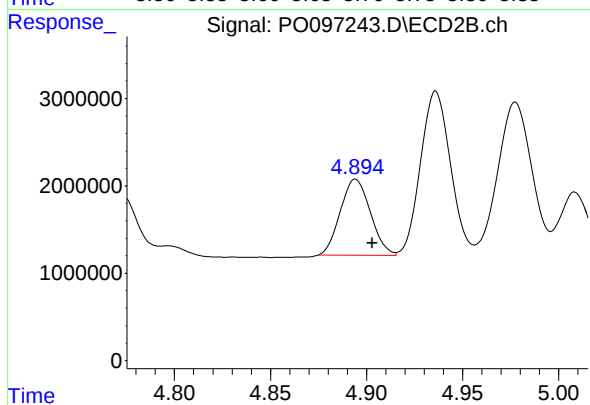
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 15002779
Conc: 275.33 ng/ml



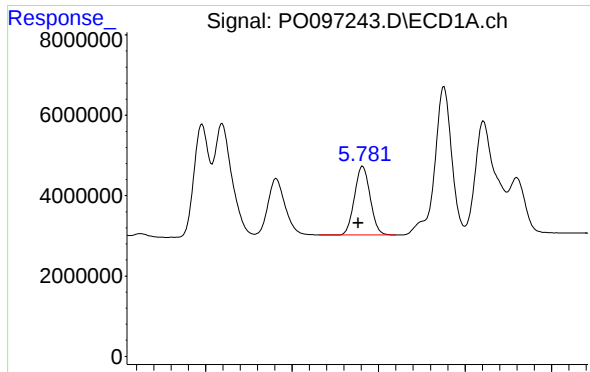
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 19704919
Conc: 266.74 ng/ml



#18 AR-1242-3

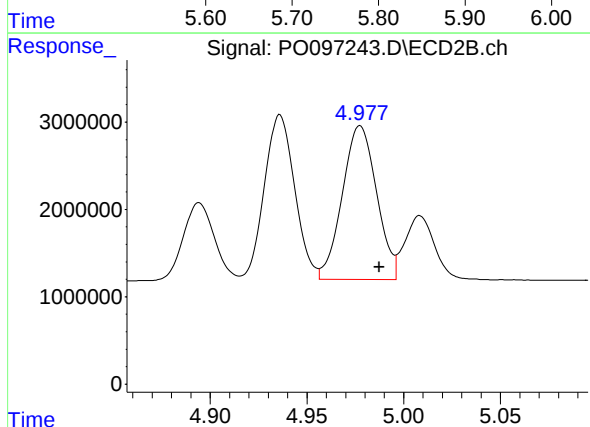
R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 9428982
Conc: 318.89 ng/ml



#19 AR-1242-4

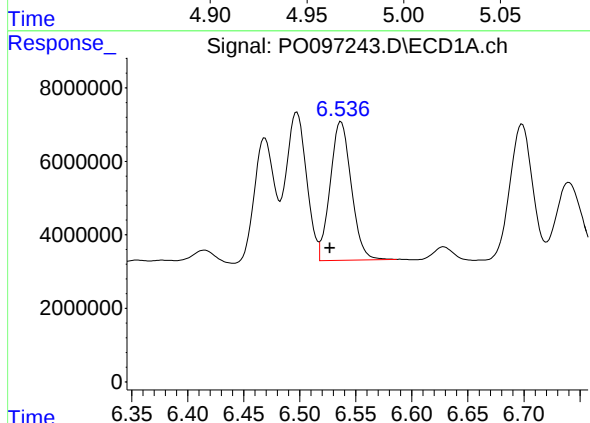
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 21478066
Conc: 360.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



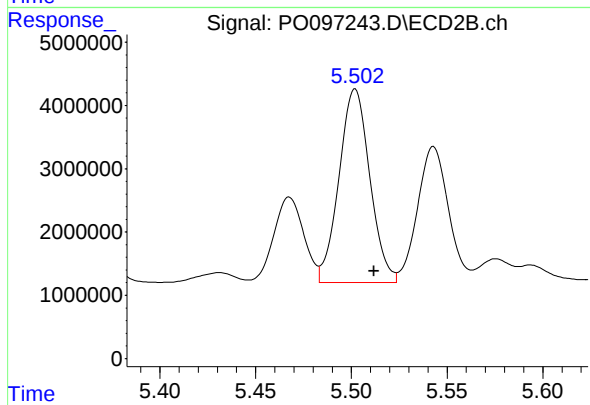
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 21686930
Conc: 688.17 ng/ml



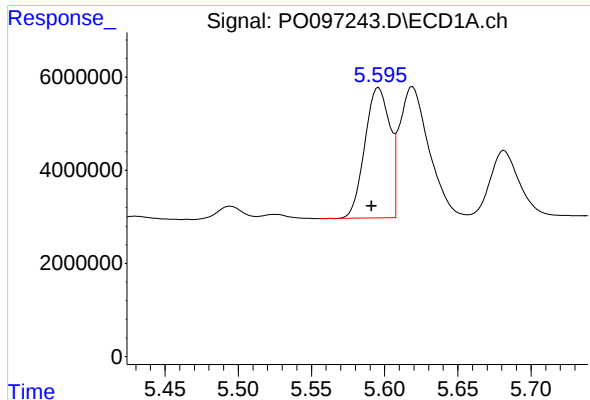
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 49483102
Conc: 899.37 ng/ml



#20 AR-1242-5

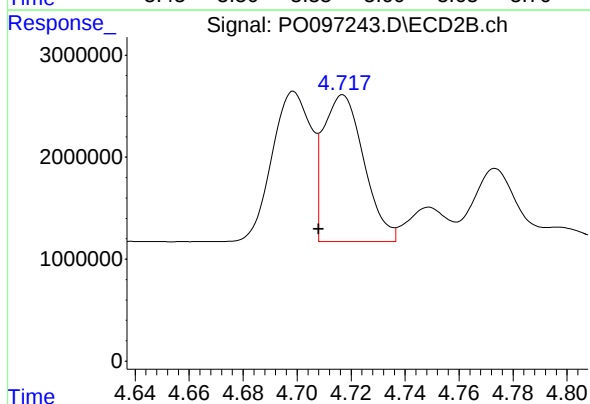
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 34280500
Conc: 940.84 ng/ml



#21 AR-1248-1

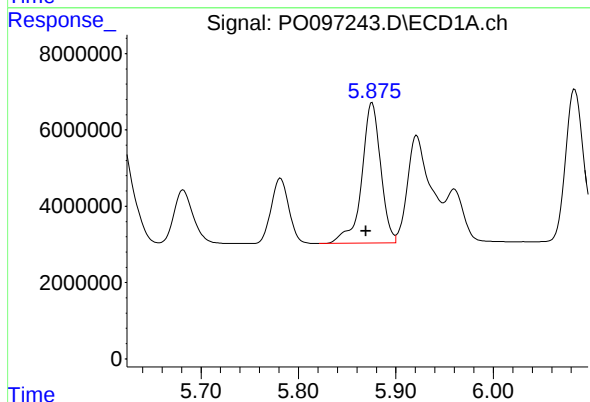
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 33105732
Conc: 565.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



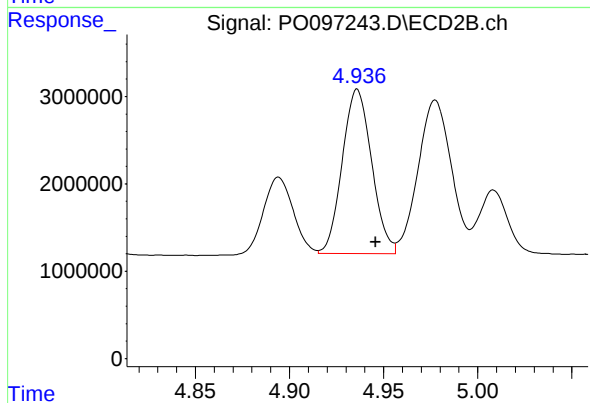
#21 AR-1248-1

R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 15002779
Conc: 534.62 ng/ml



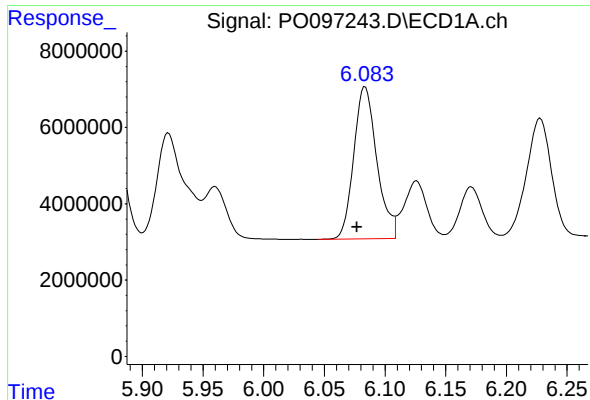
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 49758114
Conc: 529.24 ng/ml



#22 AR-1248-2

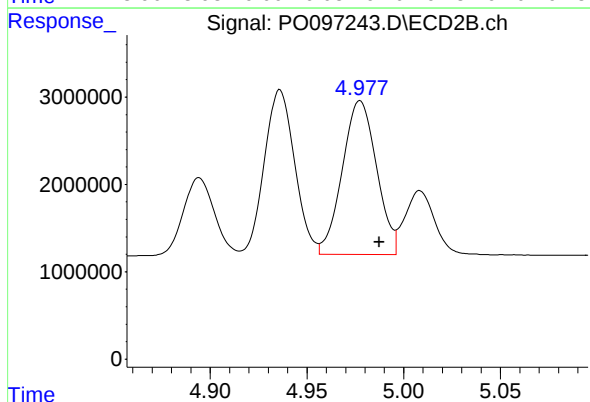
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 20475561
Conc: 483.13 ng/ml



#23 AR-1248-3

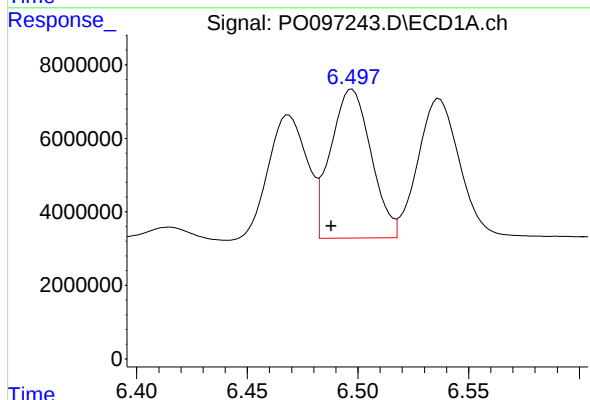
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 52848093
Conc: 540.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



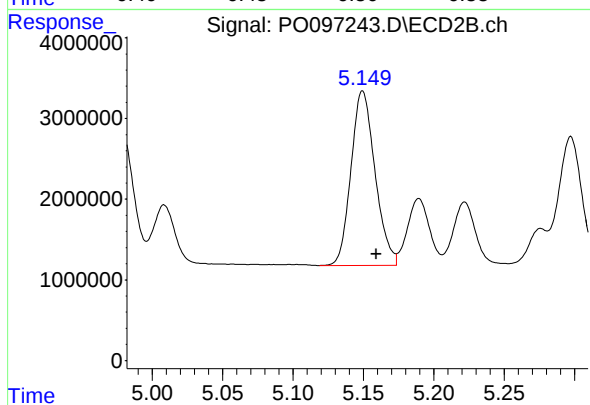
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 21686930
Conc: 494.40 ng/ml



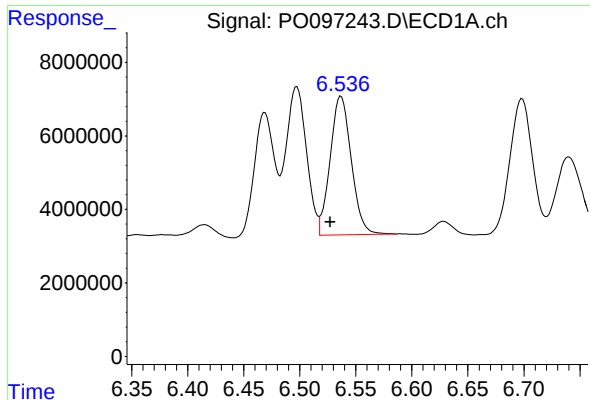
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 51728376
Conc: 569.42 ng/ml



#24 AR-1248-4

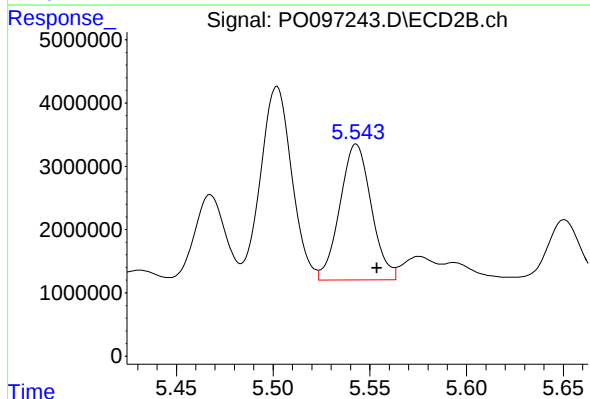
R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 25700107
Conc: 503.43 ng/ml



#25 AR-1248-5

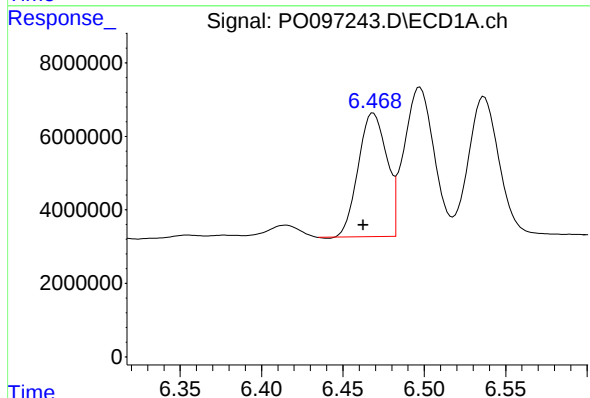
R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 49483102
Conc: 561.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



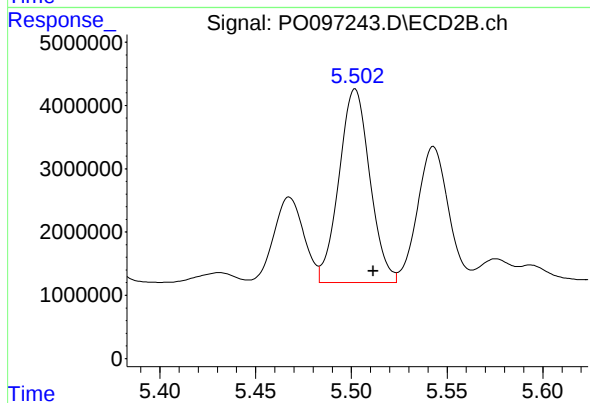
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 24238819
Conc: 518.46 ng/ml



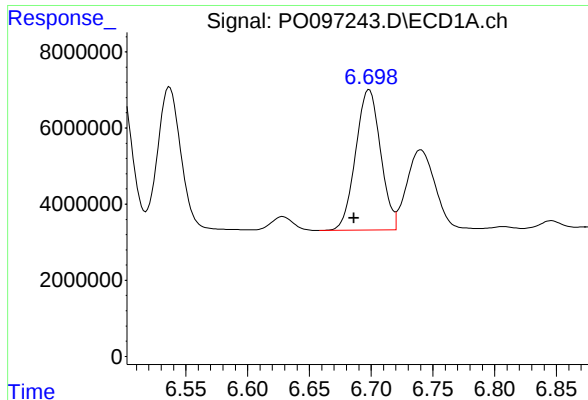
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.006 min
Response: 40959984
Conc: 374.78 ng/ml



#26 AR-1254-1

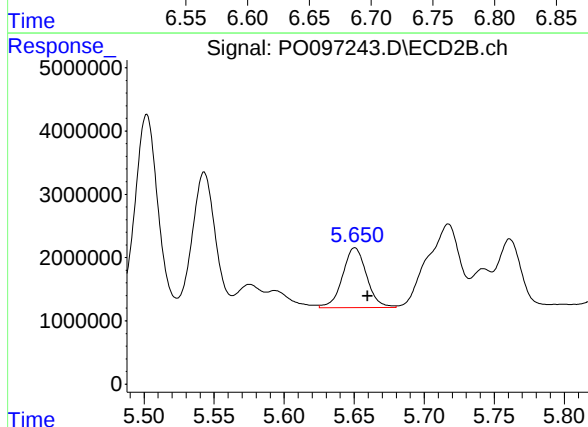
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 34280500
Conc: 464.53 ng/ml



#27 AR-1254-2

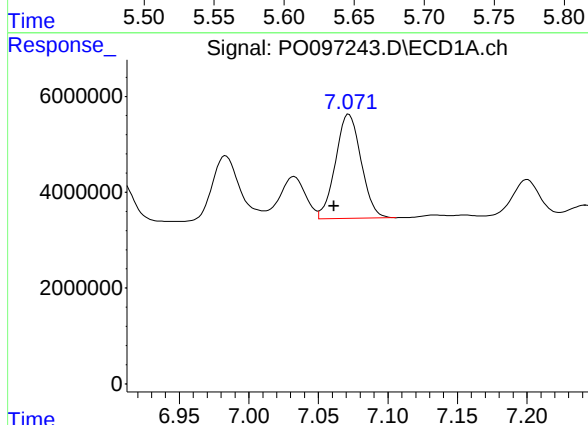
R.T.: 6.698 min
Delta R.T.: 0.012 min
Response: 51764383
Conc: 321.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



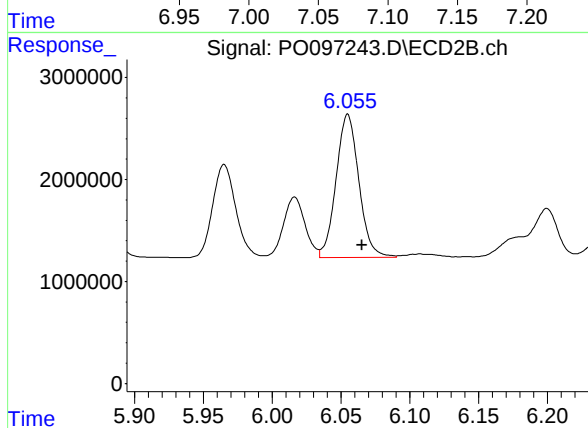
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.009 min
Response: 11263620
Conc: 170.97 ng/ml



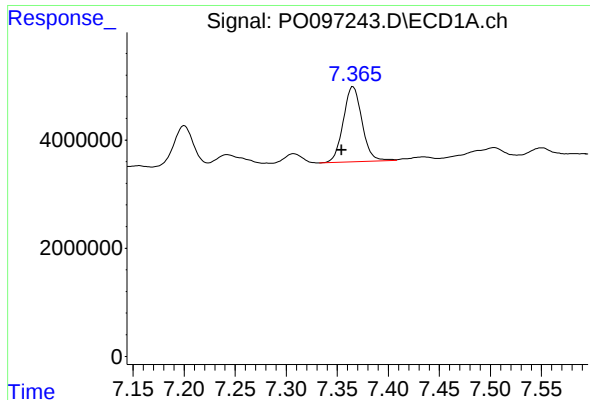
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.011 min
Response: 27848174
Conc: 177.72 ng/ml



#28 AR-1254-3

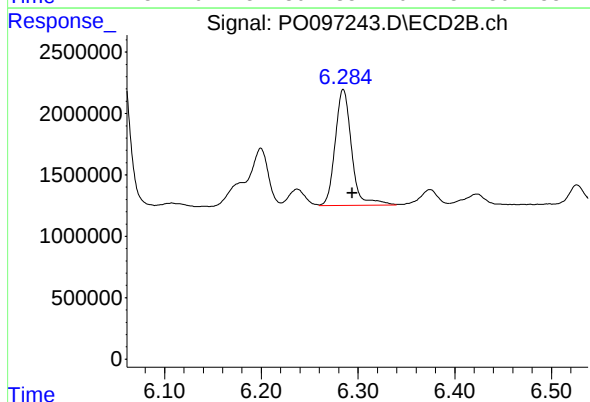
R.T.: 6.055 min
Delta R.T.: -0.010 min
Response: 16200035
Conc: 160.30 ng/ml



#29 AR-1254-4

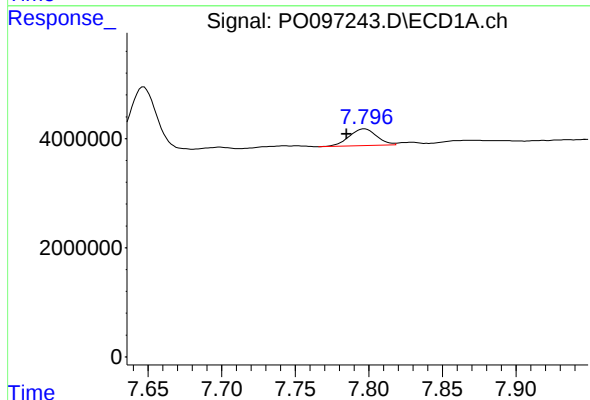
R.T.: 7.365 min
Delta R.T.: 0.011 min
Response: 17774229
Conc: 176.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



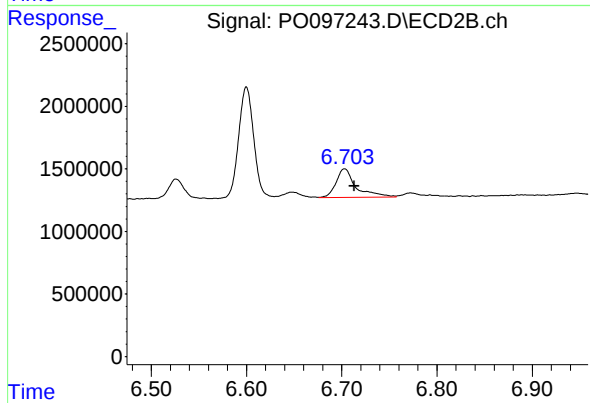
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.009 min
Response: 11122751
Conc: 192.19 ng/ml



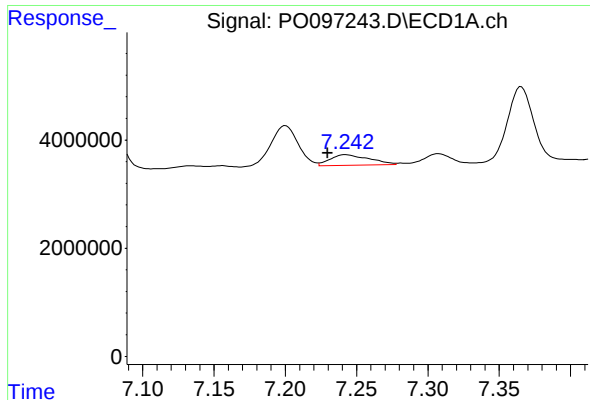
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 4014596
Conc: 35.78 ng/ml



#30 AR-1254-5

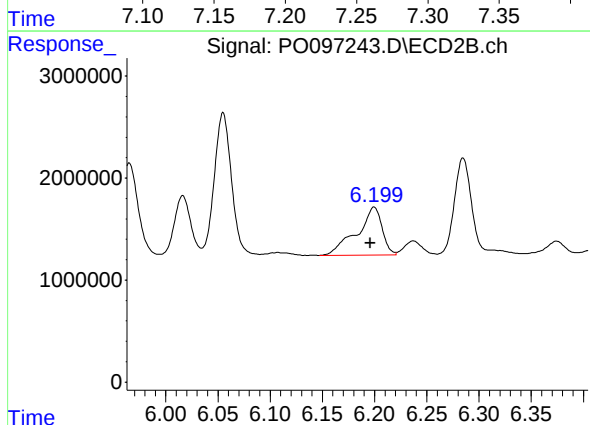
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 3359335
Conc: 38.21 ng/ml



#31 AR-1260-1

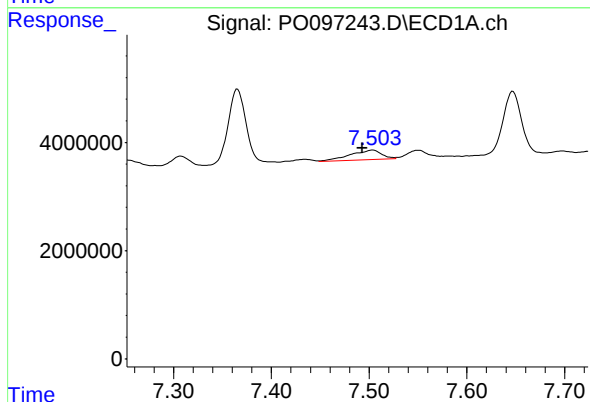
R.T.: 7.242 min
Delta R.T.: 0.012 min
Response: 3704821
Conc: 29.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



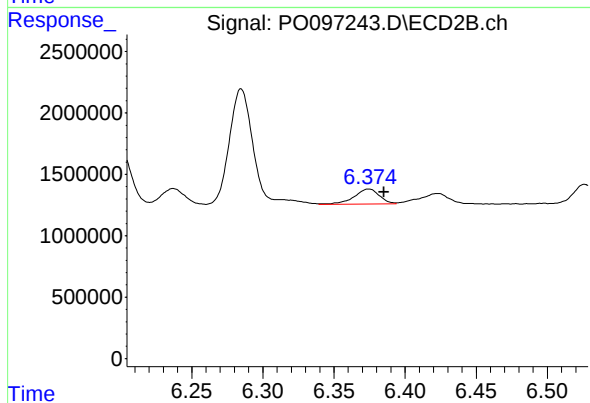
#31 AR-1260-1

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 7950687
Conc: 112.99 ng/ml



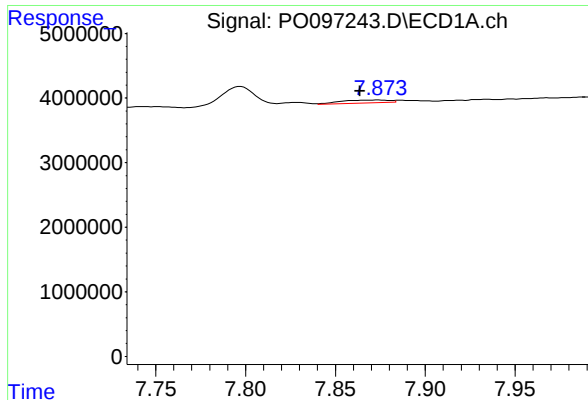
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: 0.011 min
Response: 4017387
Conc: 29.82 ng/ml



#32 AR-1260-2

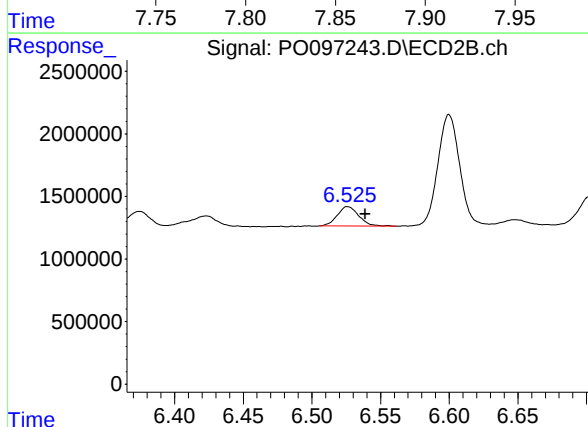
R.T.: 6.374 min
Delta R.T.: -0.011 min
Response: 1507900
Conc: 18.07 ng/ml



#33 AR-1260-3

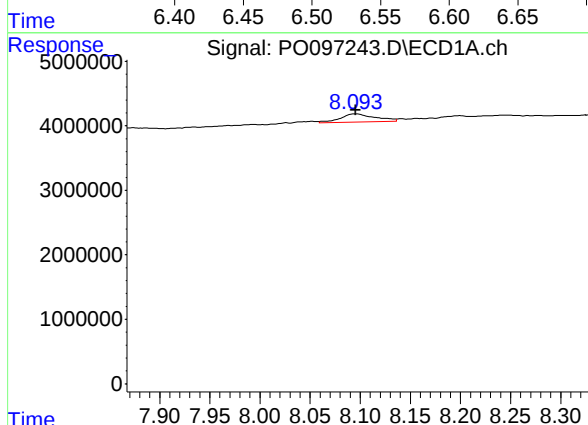
R.T.: 7.874 min
Delta R.T.: 0.010 min
Response: 852302
Conc: 8.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



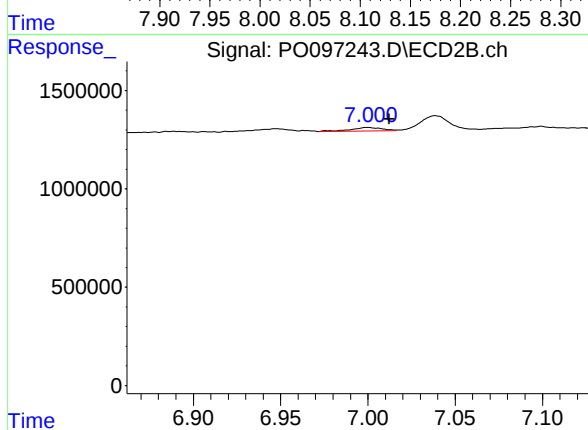
#33 AR-1260-3

R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 1687306
Conc: 21.85 ng/ml



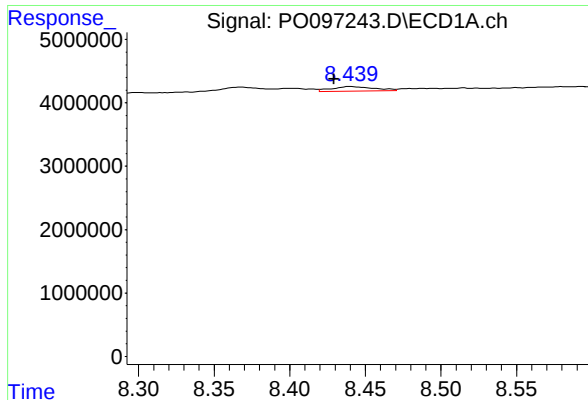
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 3093449
Conc: 27.67 ng/ml



#34 AR-1260-4

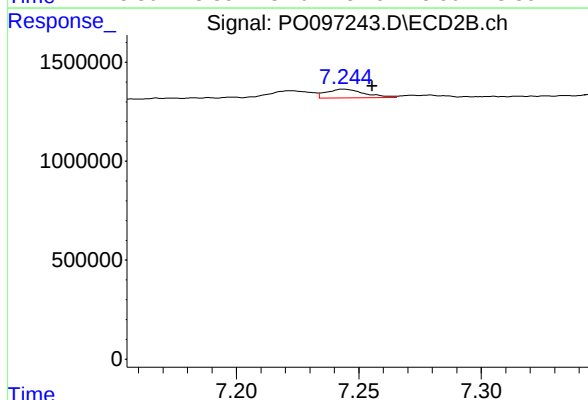
R.T.: 7.000 min
Delta R.T.: -0.012 min
Response: 217753
Conc: 3.40 ng/ml



#35 AR-1260-5

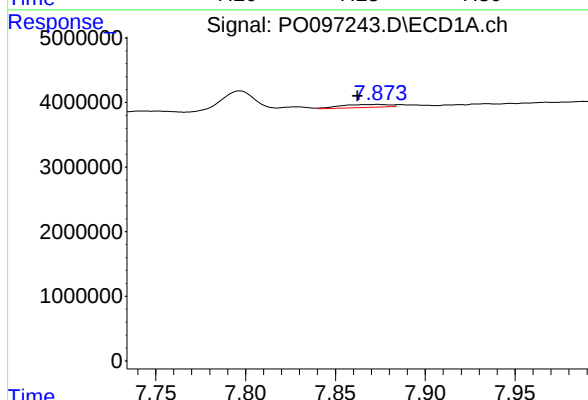
R.T.: 8.440 min
Delta R.T.: 0.010 min
Response: 1399559
Conc: 6.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



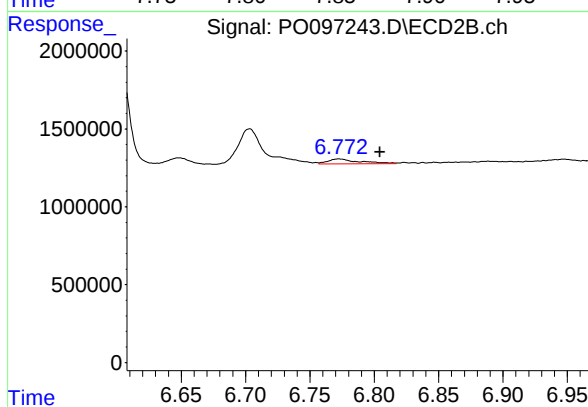
#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.012 min
Response: 474821
Conc: 3.42 ng/ml



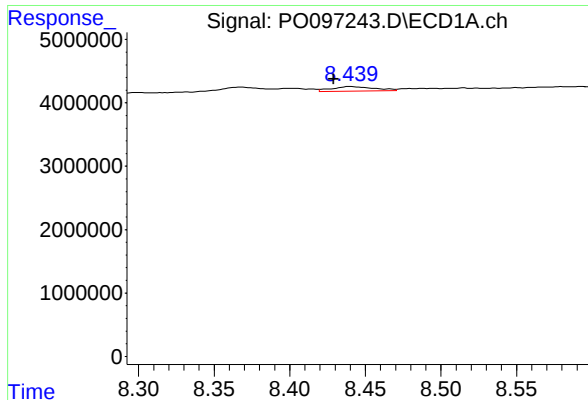
#36 AR-1262-1

R.T.: 7.874 min
Delta R.T.: 0.011 min
Response: 852302
Conc: 5.74 ng/ml



#36 AR-1262-1

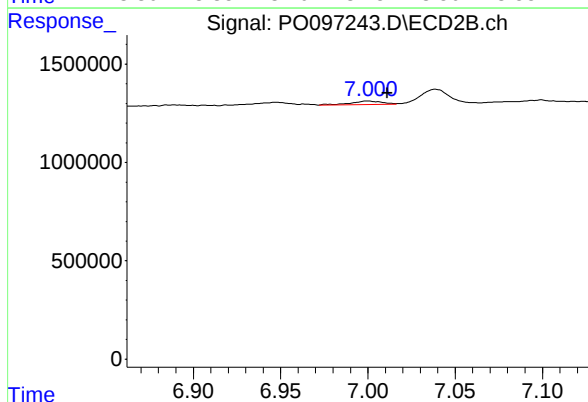
R.T.: 6.772 min
Delta R.T.: -0.032 min
Response: 531201
Conc: 13.49 ng/ml



#37 AR-1262-2

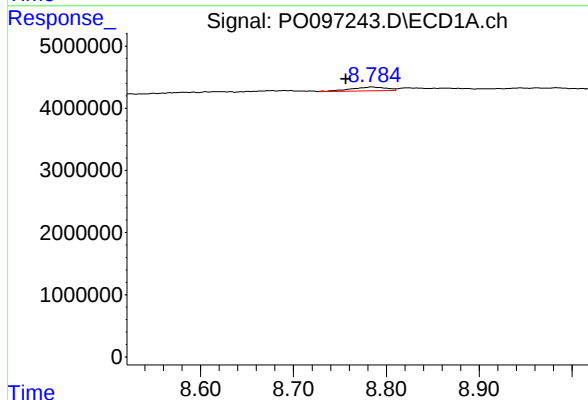
R.T.: 8.440 min
Delta R.T.: 0.011 min
Response: 1399559
Conc: 6.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



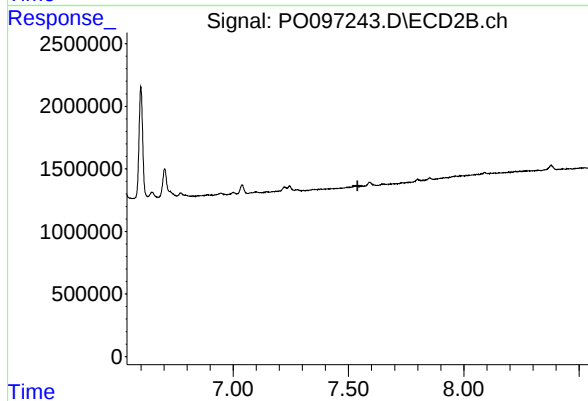
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: -0.011 min
Response: 217753
Conc: 2.68 ng/ml



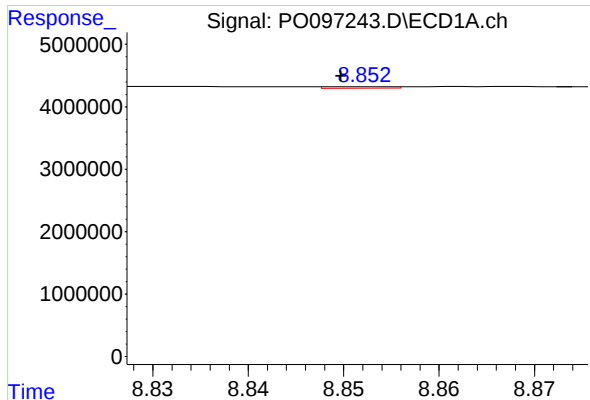
#38 AR-1262-3

R.T.: 8.785 min
Delta R.T.: 0.028 min
Response: 1565158
Conc: 9.38 ng/ml



#38 AR-1262-3

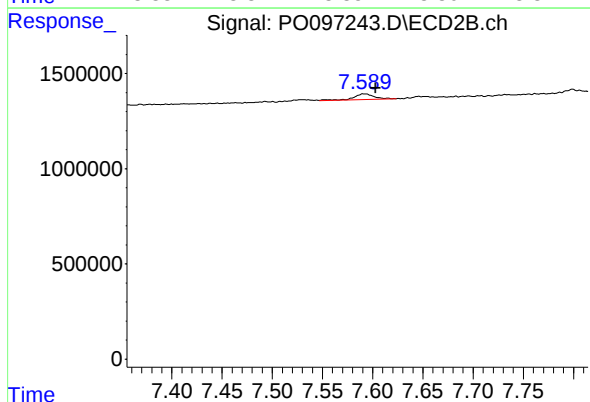
R.T.: 7.531 min
Delta R.T.: -0.007 min
Response: -14628
Conc: N.D.



#39 AR-1262-4

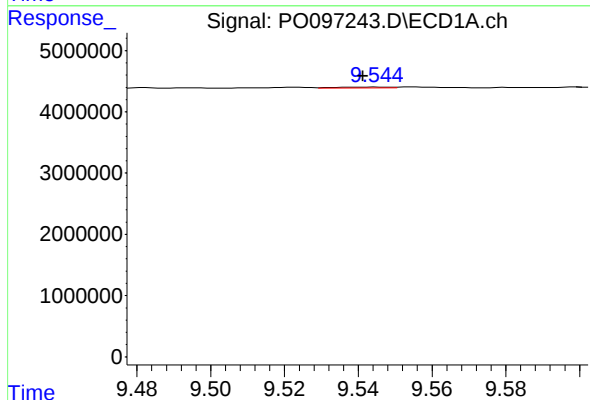
R.T.: 8.852 min
Delta R.T.: 0.003 min
Response: 117638
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



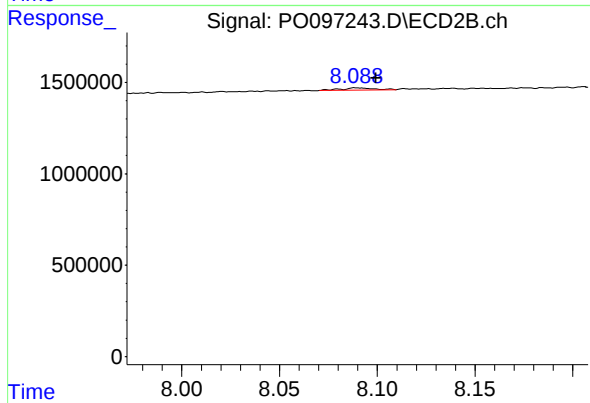
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 430068
Conc: 3.79 ng/ml



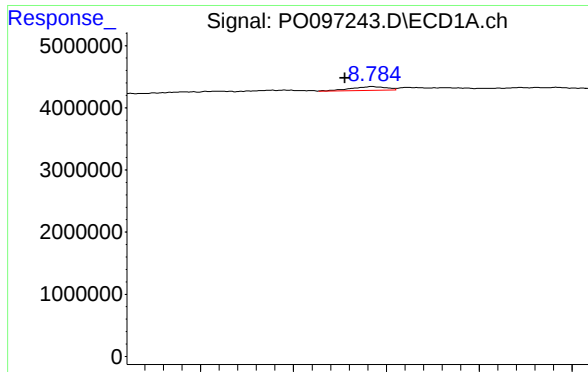
#40 AR-1262-5

R.T.: 9.546 min
Delta R.T.: 0.004 min
Response: 159443
Conc: 1.91 ng/ml



#40 AR-1262-5

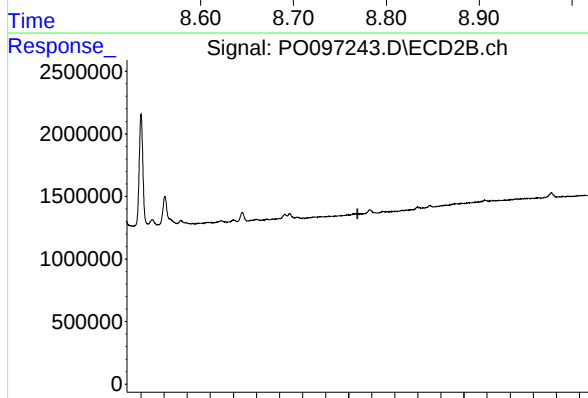
R.T.: 8.089 min
Delta R.T.: -0.010 min
Response: 143884
Conc: 2.74 ng/ml



#41 AR-1268-1

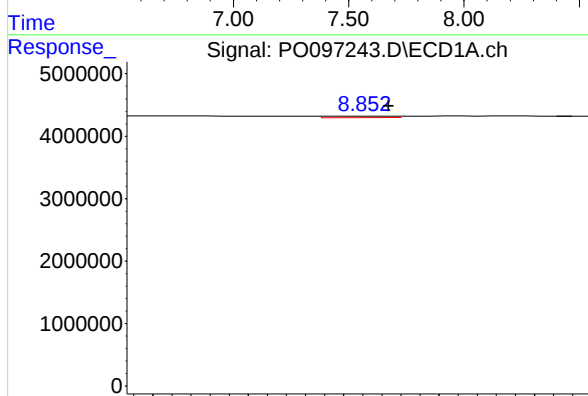
R.T.: 8.785 min
Delta R.T.: 0.029 min
Response: 1565158
Conc: 5.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



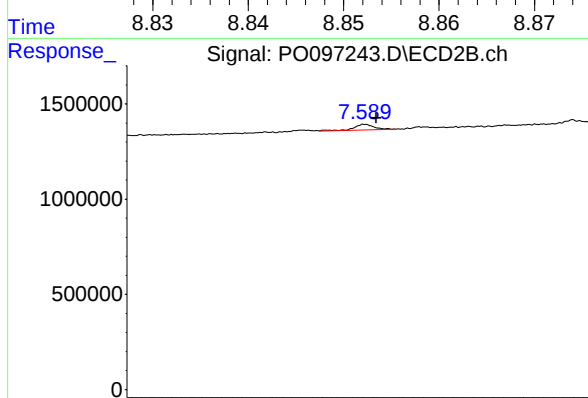
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.007 min
Response: -14628
Conc: N.D.



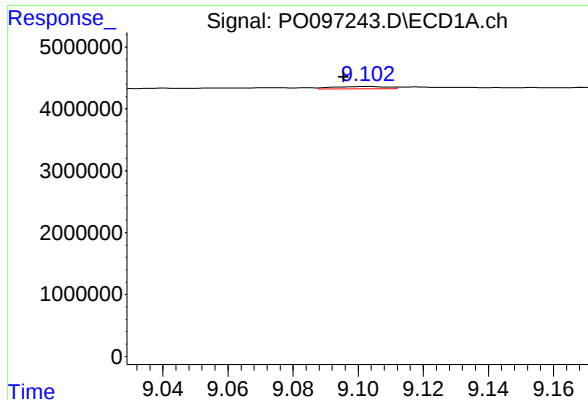
#42 AR-1268-2

R.T.: 8.852 min
Delta R.T.: -0.002 min
Response: 117638
Conc: 0.43 ng/ml



#42 AR-1268-2

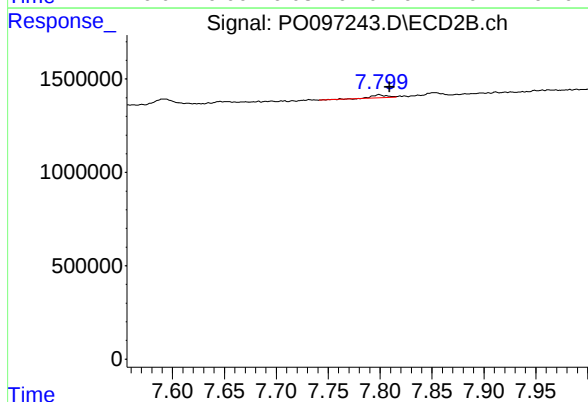
R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 430068
Conc: 2.56 ng/ml



#43 AR-1268-3

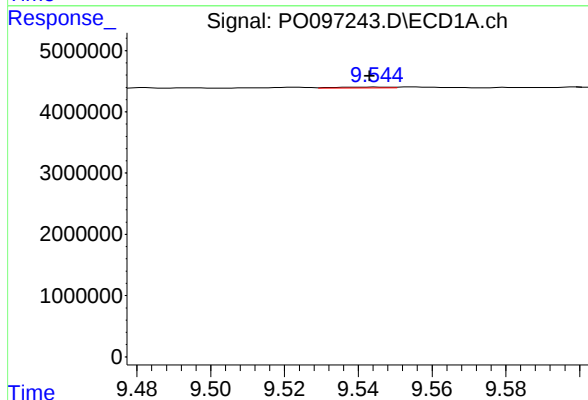
R.T.: 9.103 min
Delta R.T.: 0.007 min
Response: 428628
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



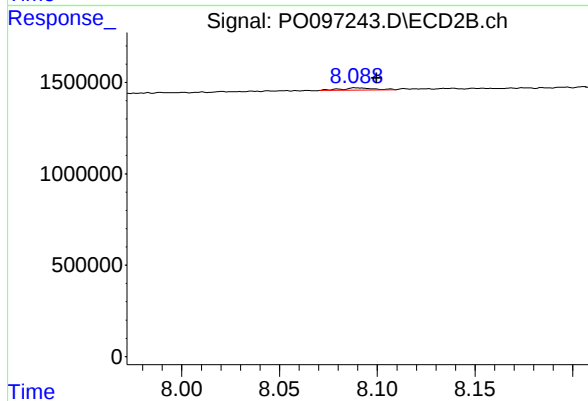
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 168124
Conc: 1.16 ng/ml



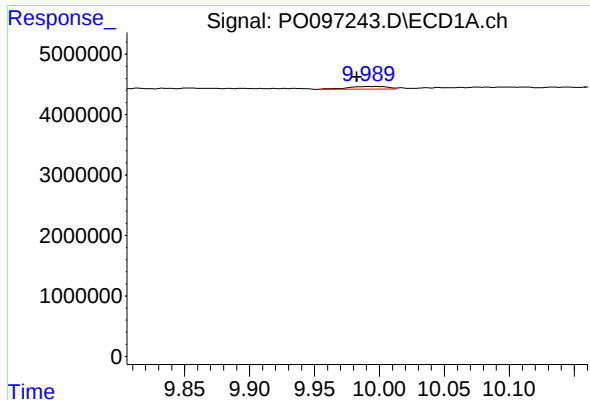
#44 AR-1268-4

R.T.: 9.546 min
Delta R.T.: 0.002 min
Response: 159443
Conc: 1.72 ng/ml



#44 AR-1268-4

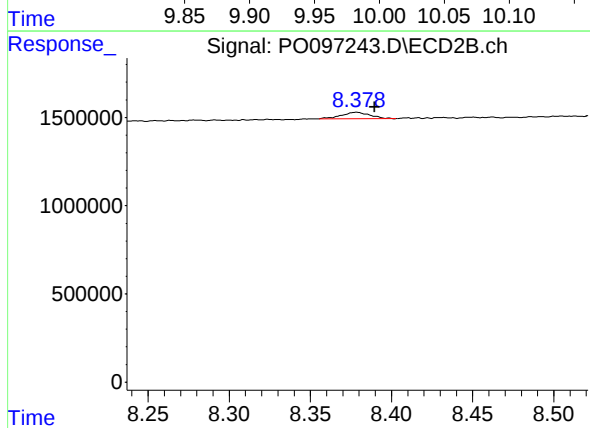
R.T.: 8.089 min
Delta R.T.: -0.011 min
Response: 143884
Conc: 2.42 ng/ml



#45 AR-1268-5

R.T.: 9.991 min
Delta R.T.: 0.009 min
Response: 936717
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.011 min
Response: 448832
Conc: 1.08 ng/ml