

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
 Data File : P0097185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 09:48
 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 18 01:15:16 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	178.8E6	69600337	54.021	52.576
2) SA Decachlor...	10.349	8.628	124.3E6	58399808	56.790	50.478
Target Compounds						
3) L1 AR-1016-1	5.595	4.716	32934676	14980699	349.686	337.890
4) L1 AR-1016-2	5.618	4.716	39400506	14980699	294.530	244.900
5) L1 AR-1016-3	5.681	4.894	19471159	9329808	223.752	285.591 #
6) L1 AR-1016-4	5.781	4.936	21783636	20613674	324.304	721.101 #
7) L1 AR-1016-5	6.083	5.149	53010665	25839148	759.280	672.081
8) L2 AR-1221-1	4.619	3.825	292205	101100	7.170	5.825
9) L2 AR-1221-2	4.719	3.913	2977524	1051253	98.010	81.362
10) L2 AR-1221-3	4.785	3.988	3006554	1231753	34.348	31.031
11) L3 AR-1232-1	4.785	3.988	3006554	1231753	41.223	38.079
12) L3 AR-1232-2	5.323	4.716	16127310	14980699	406.784	519.216 #
13) L3 AR-1232-3	5.618	4.894	39400506	9329808	644.087	615.347
14) L3 AR-1232-4	5.781	4.977	21783636	21793884	713.894	1458.306 #
15) L3 AR-1232-5	5.875	5.149	50103987	25839148	1790.504	1580.688
16) L4 AR-1242-1	5.595	4.716	32934676	14980699	392.936	379.980
17) L4 AR-1242-2	5.618	4.716	39400506	14980699	334.578	274.921
18) L4 AR-1242-3	5.681	4.894	19471159	9329808	263.578	315.531
19) L4 AR-1242-4	5.781	4.977	21783636	21793884	365.925	691.564 #
20) L4 AR-1242-5	6.536	5.502	50178582	34399564	912.011	944.104
21) L5 AR-1248-1	5.595	4.716	32934676	14980699	562.082	533.833
22) L5 AR-1248-2	5.875	4.936	50103987	20613674	532.921	486.390
23) L5 AR-1248-3	6.083	4.977	53010665	21793884	541.982	496.839
24) L5 AR-1248-4	6.496	5.149	52231237	25839148	574.959	506.155
25) L5 AR-1248-5	6.536	5.542	50178582	24137540	569.654	516.291
26) L6 AR-1254-1	6.467	5.502	41787651	34399564	382.353	466.143
27) L6 AR-1254-2	6.697	5.650	52472085	11241188	325.454	170.630 #
28) L6 AR-1254-3	7.070	6.054	28885038	16317484	184.337	161.459
29) L6 AR-1254-4	7.364	6.283	18309222	11161220	181.606	192.851
30) L6 AR-1254-5	7.795	6.702	4242607	3393903	37.808	38.604
31) L7 AR-1260-1	7.241	6.198	4029516	7937973	32.060	112.806 #
32) L7 AR-1260-2	7.502	6.373	4124909	1583573	30.615	18.973 #
33) L7 AR-1260-3	7.862	6.525	631517	1611096	6.086	20.864 #
34) L7 AR-1260-4	8.092	6.999	2845334	250417	25.449	3.908 #
35) L7 AR-1260-5	8.439	7.242	1063390	447326	5.064	3.227 #
36) L8 AR-1262-1	7.862	6.793	631517	134274	4.252	3.411
37) L8 AR-1262-2	8.439	6.999	1063390	250417	4.594	3.088 #
38) L8 AR-1262-3	8.782	7.529	841347	-2462	5.044	N.D. #
39) L8 AR-1262-4	8.850	7.590	131391	539735	1.802	4.751 #
40) L8 AR-1262-5	9.539	0.000	134685	0	1.617	N.D. #
41) L9 AR-1268-1	8.782	7.529	841347	-2462	2.737	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
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Integration File signal 1: autoint1.e
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 Integrator: ChemStation

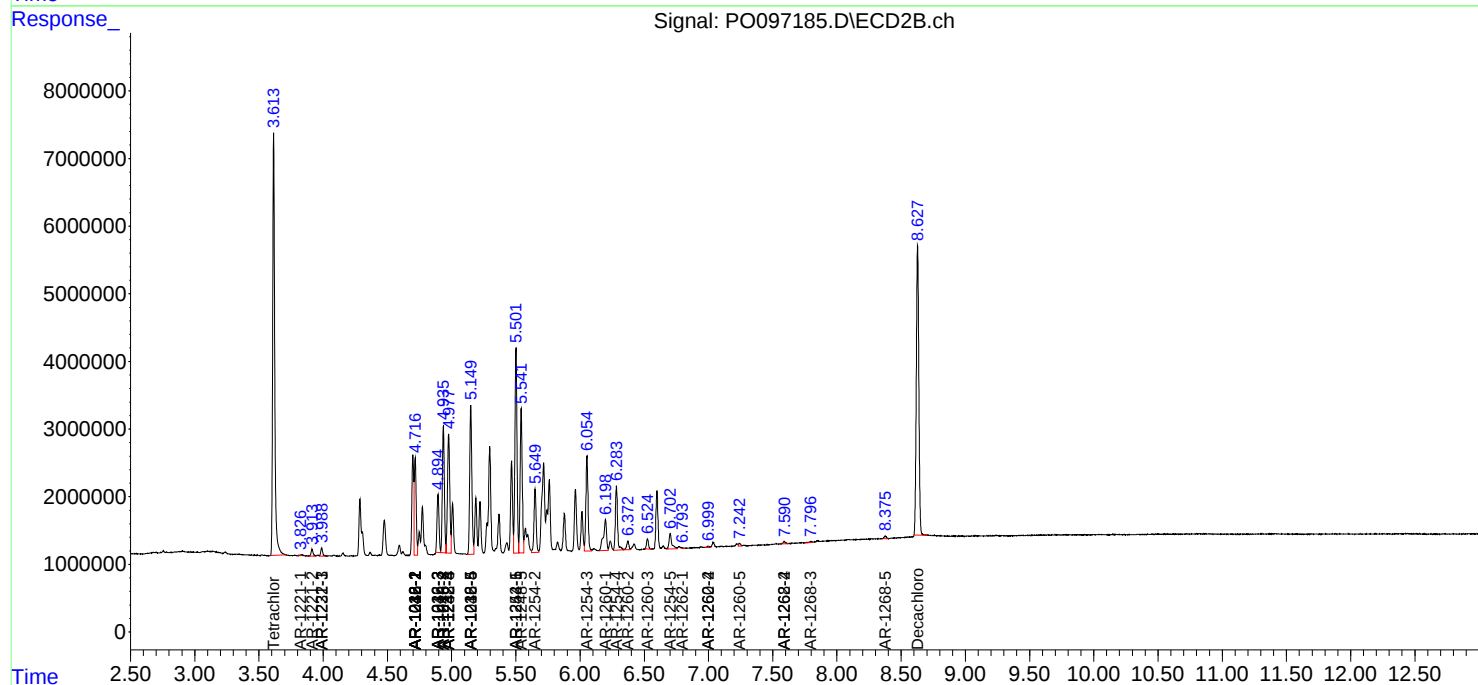
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

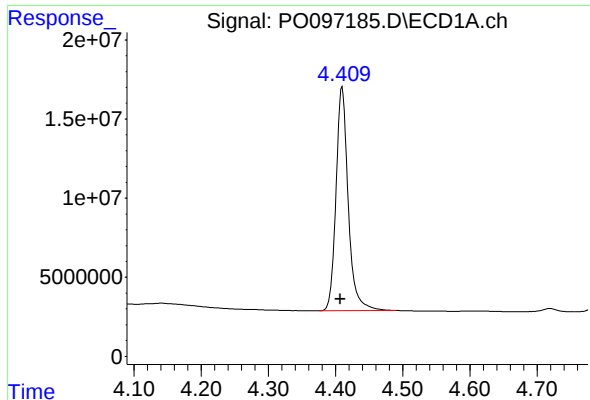
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.850	7.590	131391	539735	0.479	3.219 #
43) L9	AR-1268-3	9.089	7.797	140067	239960	0.548	1.661 #
44) L9	AR-1268-4	9.539	0.000	134685	0	1.453	N.D. #
45) L9	AR-1268-5	9.992	8.376	824720	490097	1.021	1.178

(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

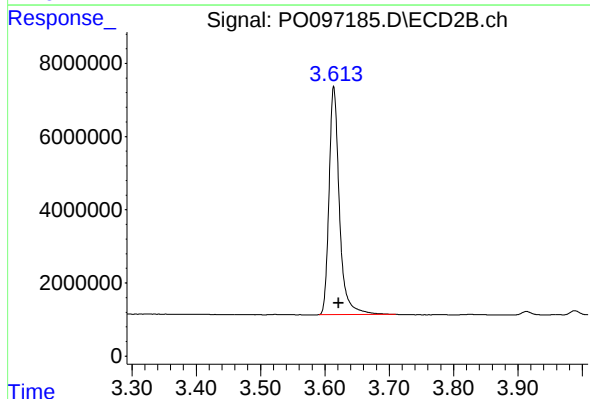




#1 Tetrachloro-m-xylene

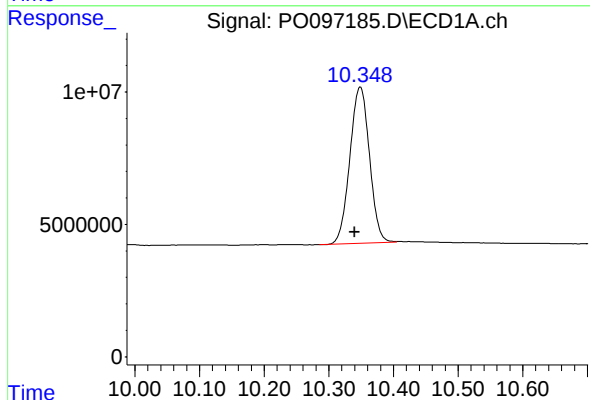
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 178819515
Conc: 54.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



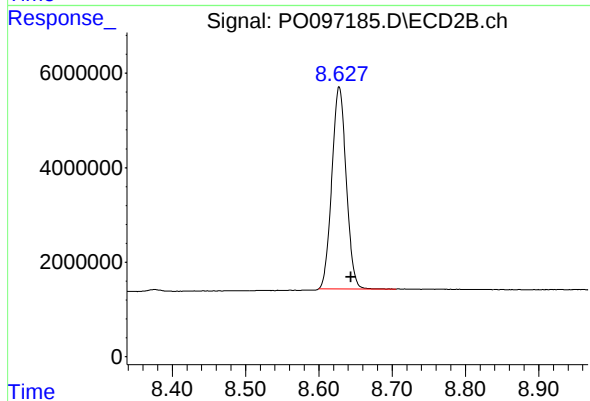
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 69600337
Conc: 52.58 ng/ml



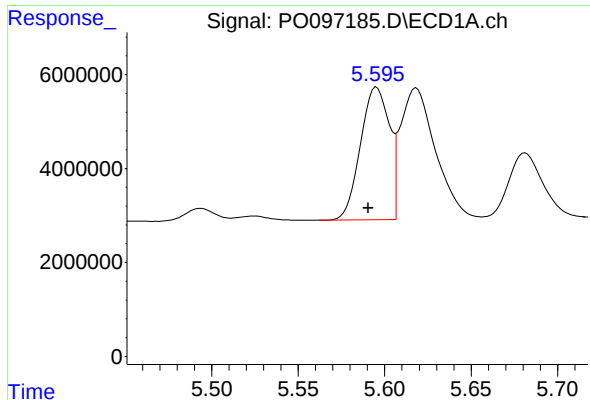
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.009 min
Response: 124267448
Conc: 56.79 ng/ml



#2 Decachlorobiphenyl

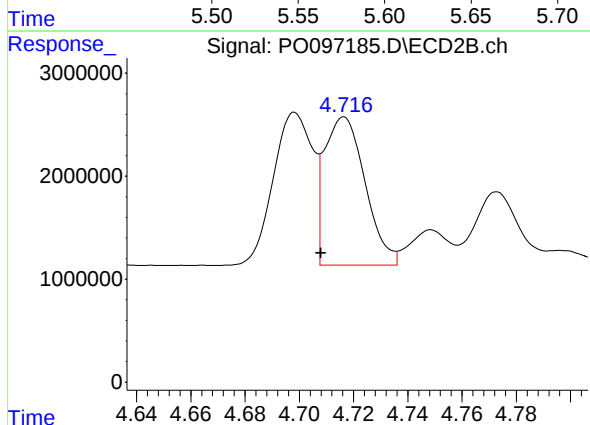
R.T.: 8.628 min
Delta R.T.: -0.016 min
Response: 58399808
Conc: 50.48 ng/ml



#3 AR-1016-1

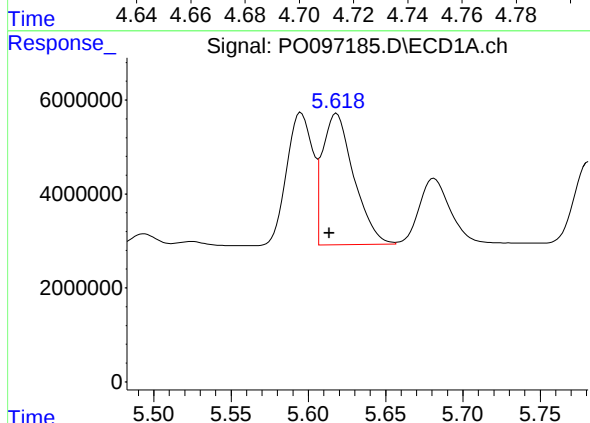
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 32934676
Conc: 349.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



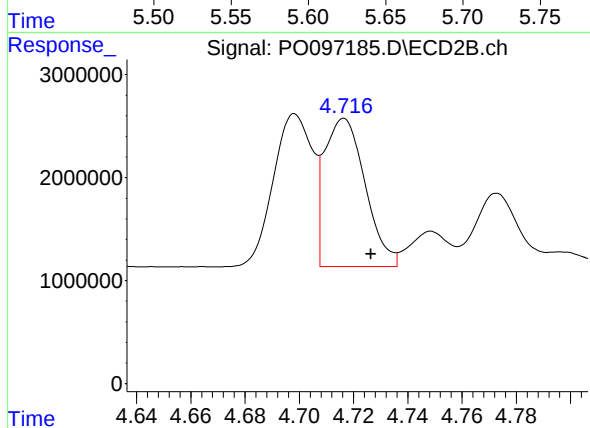
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 14980699
Conc: 337.89 ng/ml



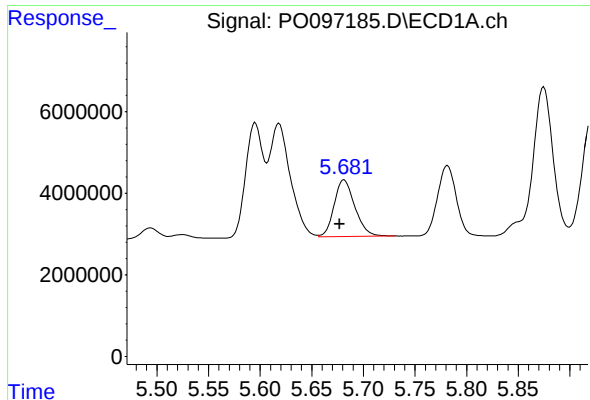
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 39400506
Conc: 294.53 ng/ml



#4 AR-1016-2

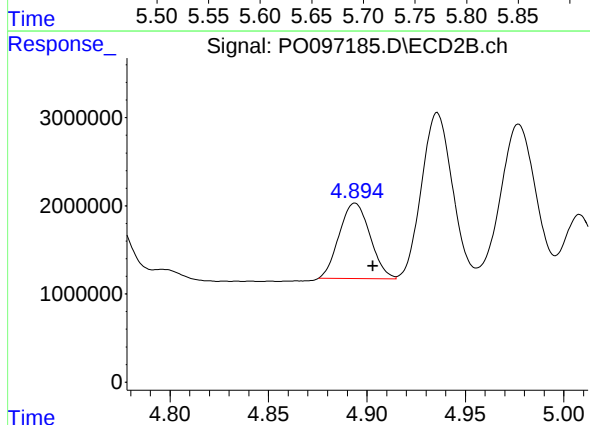
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 14980699
Conc: 244.90 ng/ml



#5 AR-1016-3

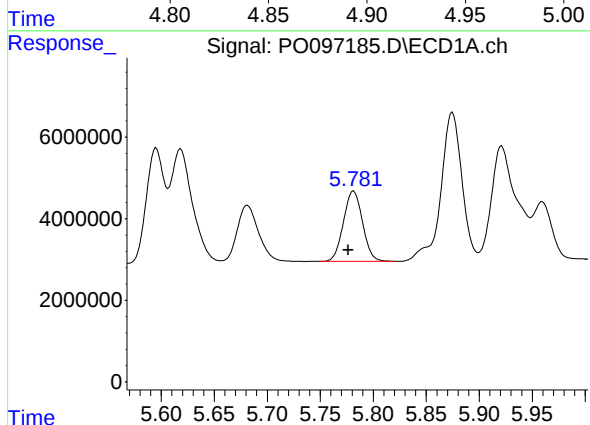
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 19471159
Conc: 223.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



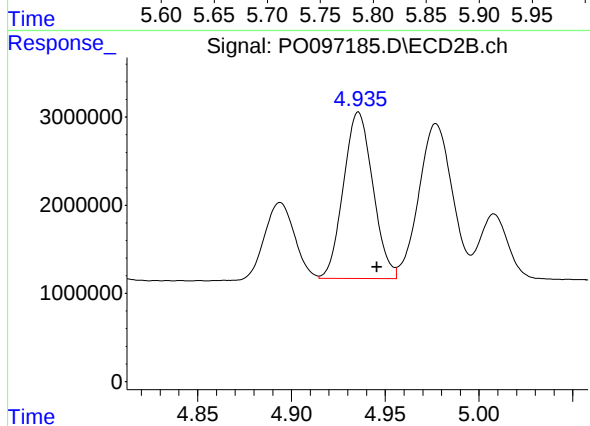
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 9329808
Conc: 285.59 ng/ml



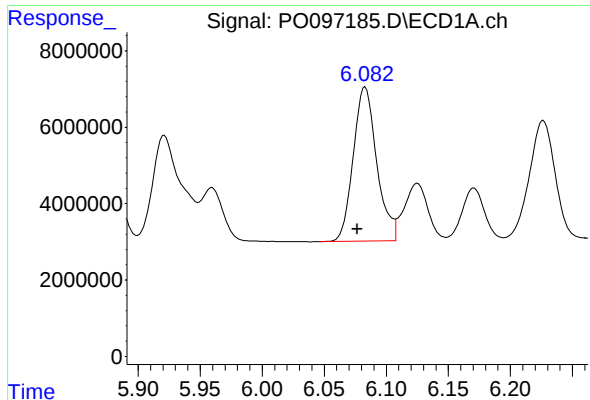
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 21783636
Conc: 324.30 ng/ml



#6 AR-1016-4

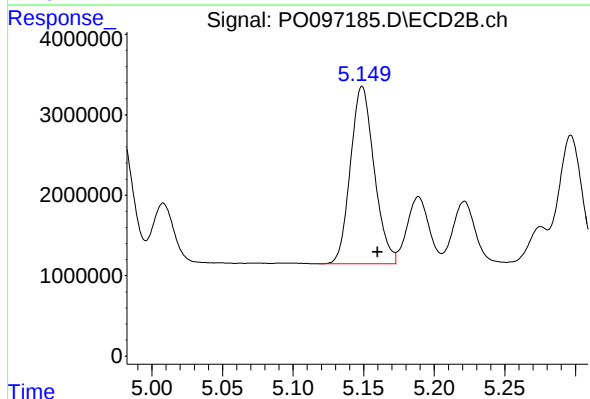
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 20613674
Conc: 721.10 ng/ml



#7 AR-1016-5

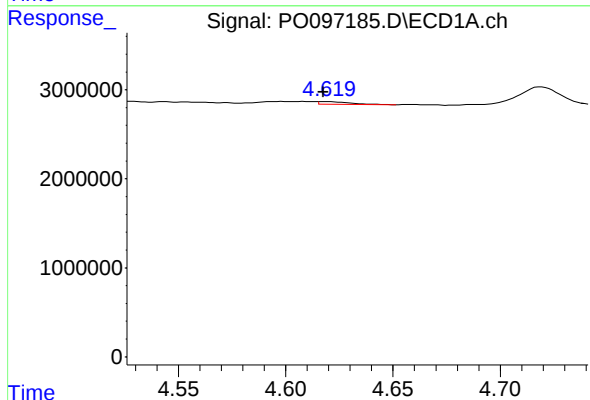
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 53010665
Conc: 759.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



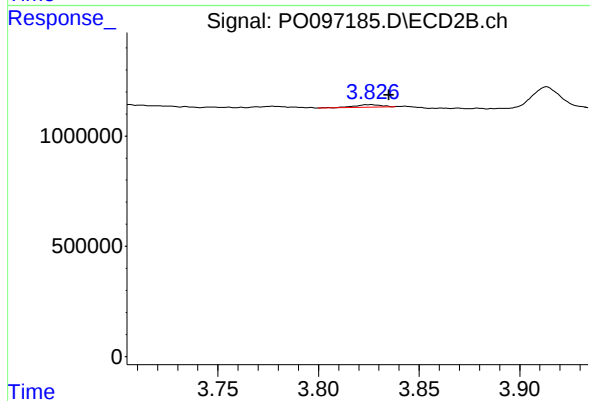
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 25839148
Conc: 672.08 ng/ml



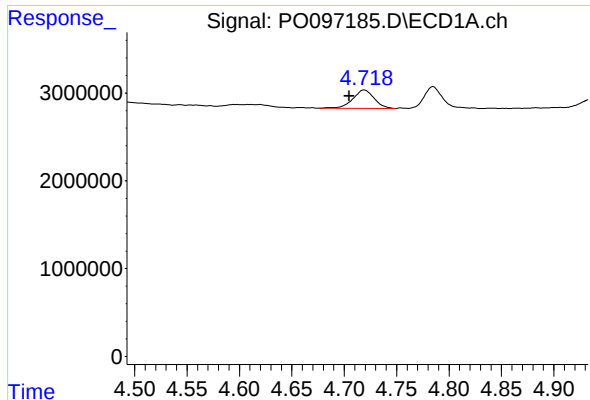
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: 0.001 min
Response: 292205
Conc: 7.17 ng/ml



#8 AR-1221-1

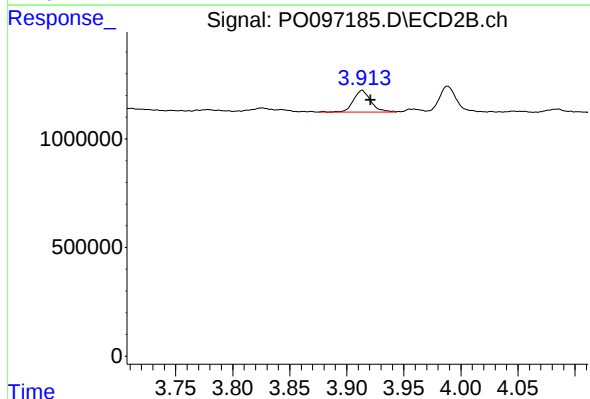
R.T.: 3.825 min
Delta R.T.: -0.010 min
Response: 101100
Conc: 5.82 ng/ml



#9 AR-1221-2

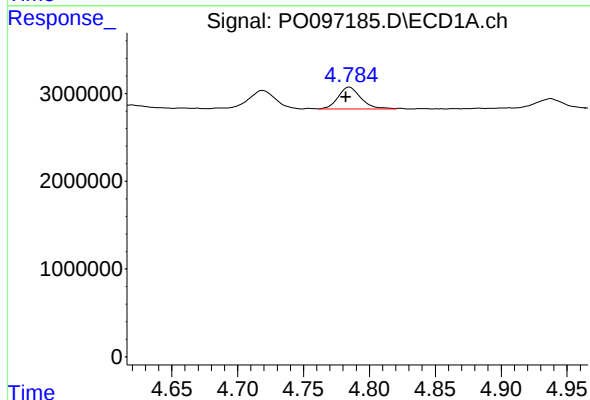
R.T.: 4.719 min
Delta R.T.: 0.014 min
Response: 2977524
Conc: 98.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



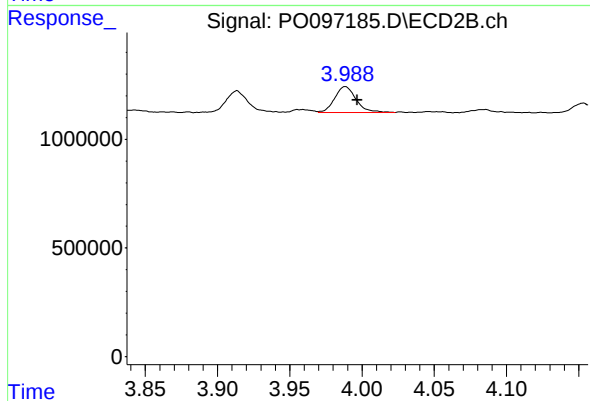
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.007 min
Response: 1051253
Conc: 81.36 ng/ml



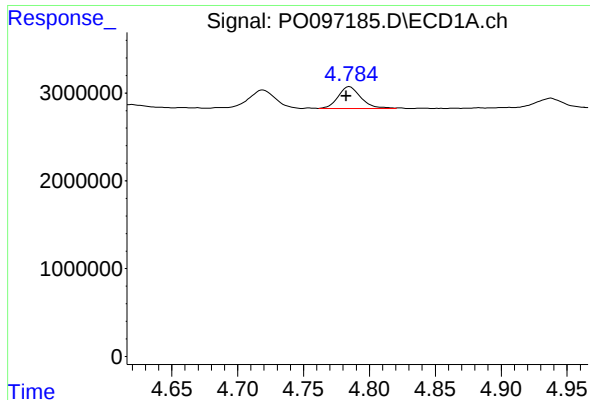
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 3006554
Conc: 34.35 ng/ml



#10 AR-1221-3

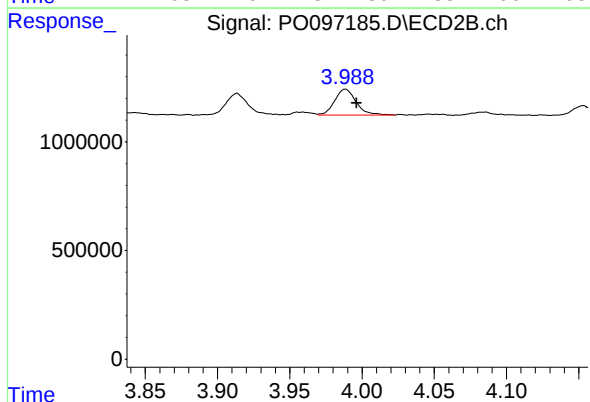
R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 1231753
Conc: 31.03 ng/ml



#11 AR-1232-1

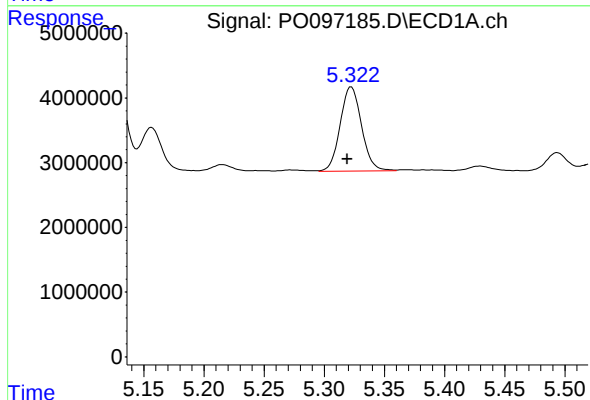
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 3006554
Conc: 41.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



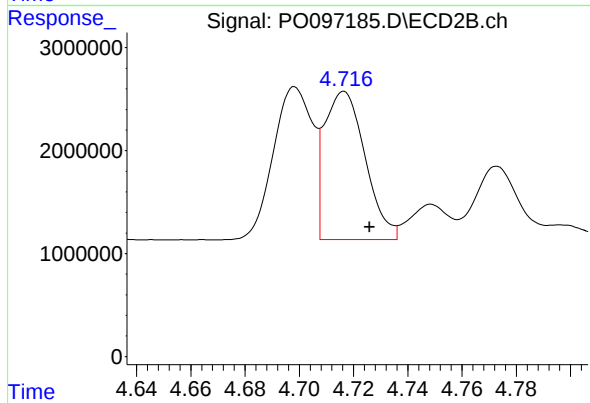
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 1231753
Conc: 38.08 ng/ml



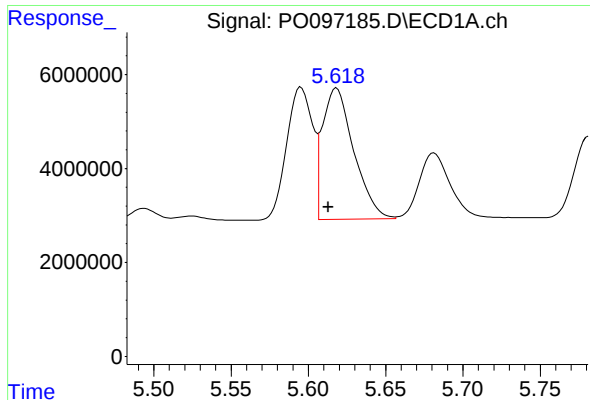
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 16127310
Conc: 406.78 ng/ml



#12 AR-1232-2

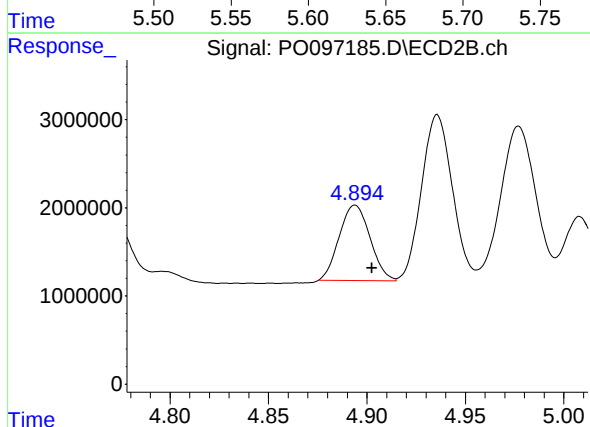
R.T.: 4.716 min
Delta R.T.: -0.009 min
Response: 14980699
Conc: 519.22 ng/ml



#13 AR-1232-3

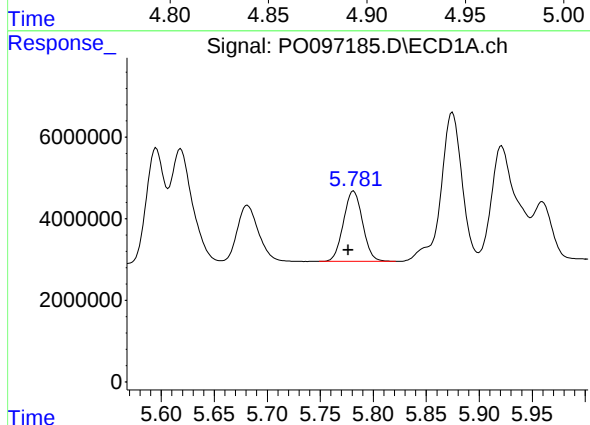
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 39400506
Conc: 644.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



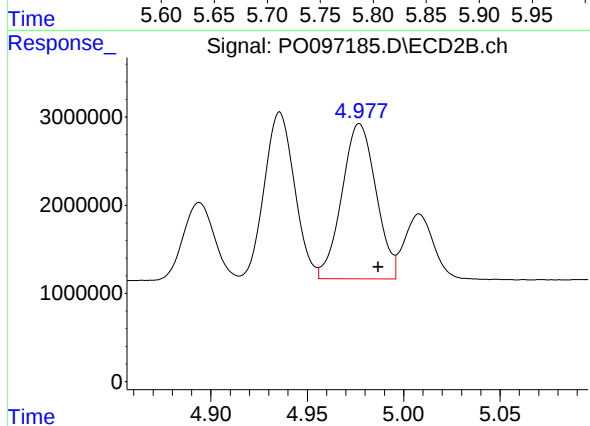
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 9329808
Conc: 615.35 ng/ml



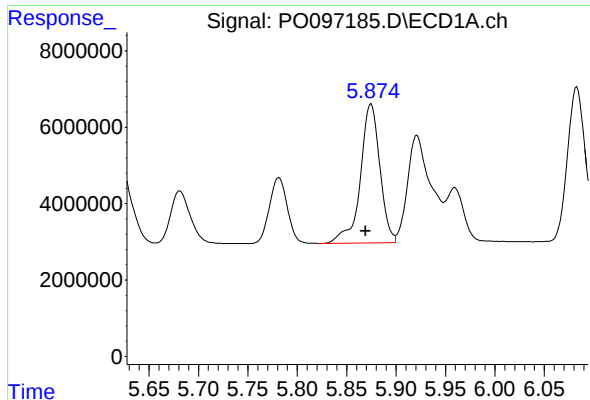
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 21783636
Conc: 713.89 ng/ml



#14 AR-1232-4

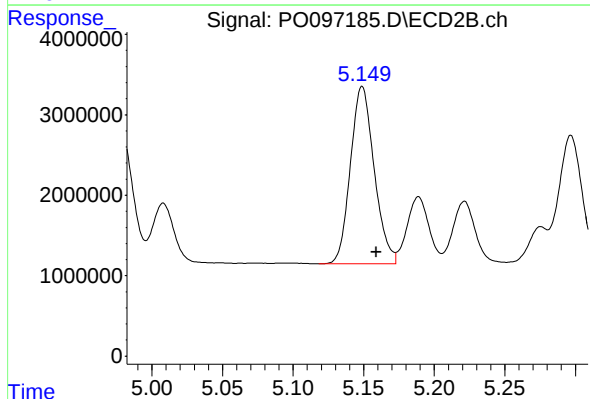
R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 21793884
Conc: 1458.31 ng/ml



#15 AR-1232-5

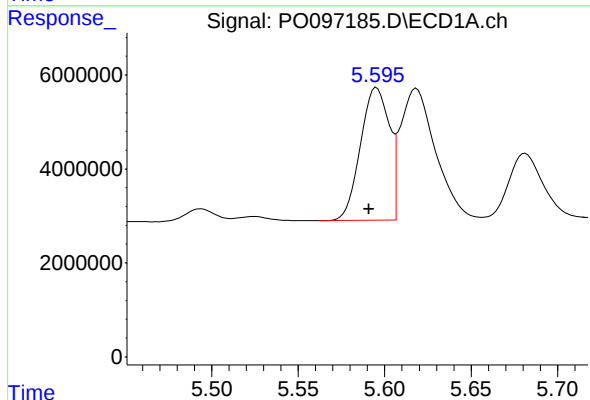
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 50103987
Conc: 1790.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



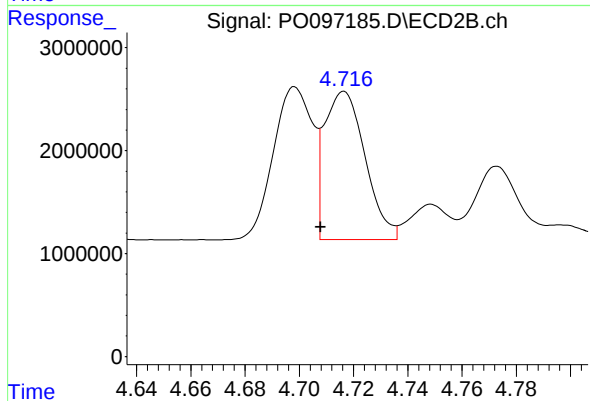
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 25839148
Conc: 1580.69 ng/ml



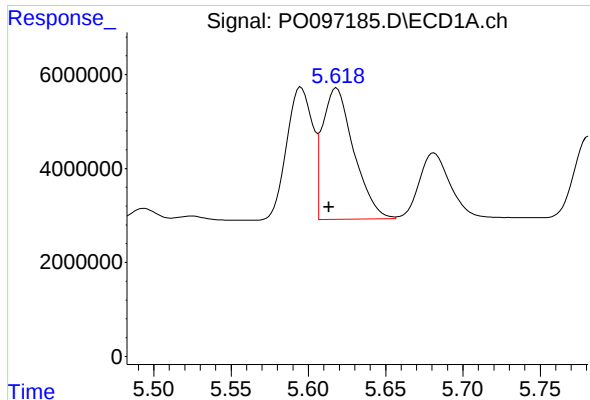
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 32934676
Conc: 392.94 ng/ml



#16 AR-1242-1

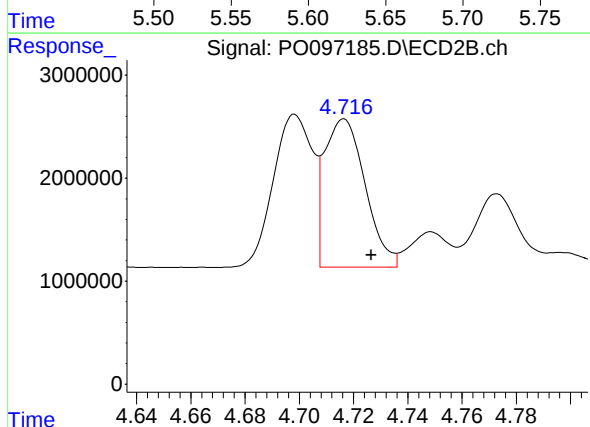
R.T.: 4.716 min
Delta R.T.: 0.009 min
Response: 14980699
Conc: 379.98 ng/ml



#17 AR-1242-2

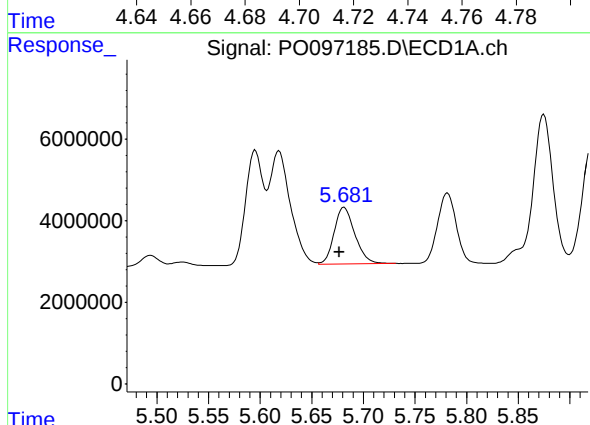
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 39400506
Conc: 334.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



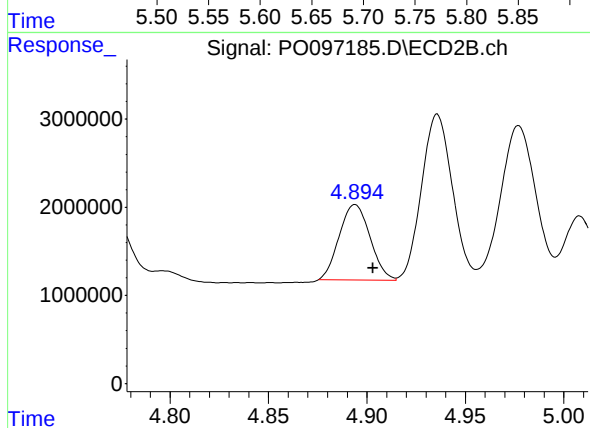
#17 AR-1242-2

R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 14980699
Conc: 274.92 ng/ml



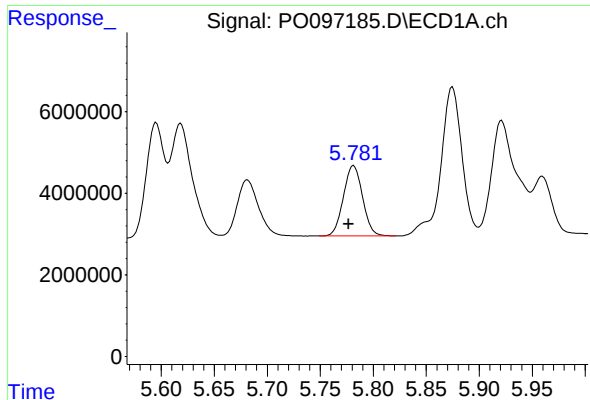
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 19471159
Conc: 263.58 ng/ml



#18 AR-1242-3

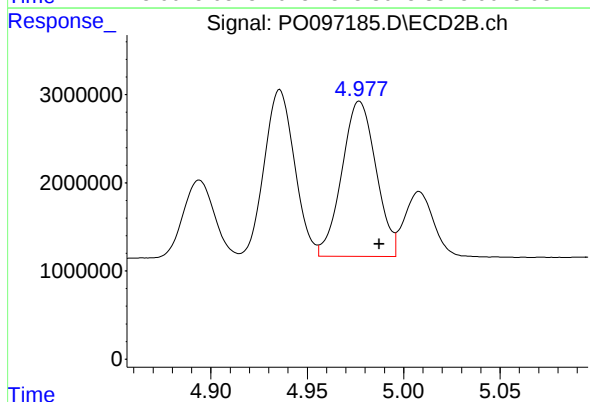
R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 9329808
Conc: 315.53 ng/ml



#19 AR-1242-4

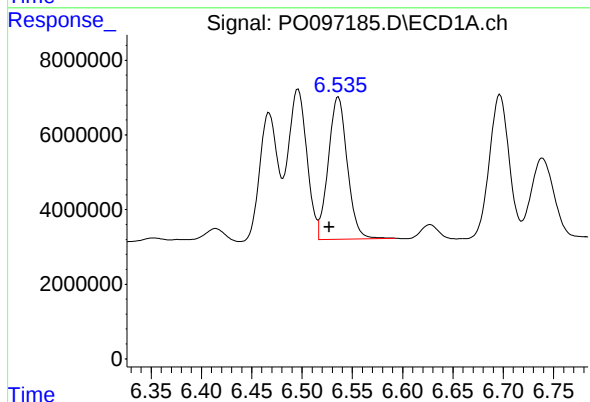
R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 21783636
Conc: 365.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



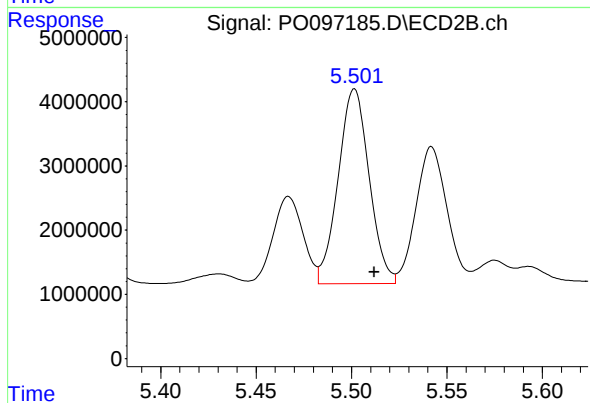
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 21793884
Conc: 691.56 ng/ml



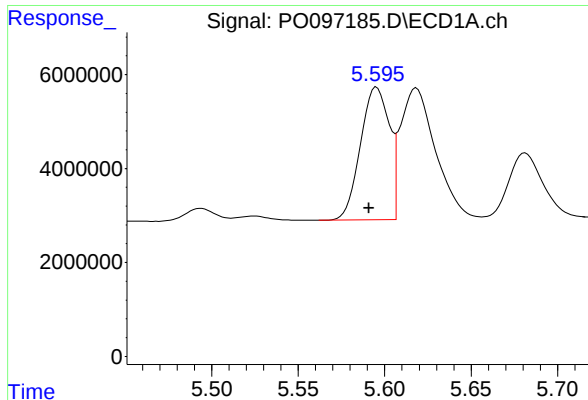
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 50178582
Conc: 912.01 ng/ml



#20 AR-1242-5

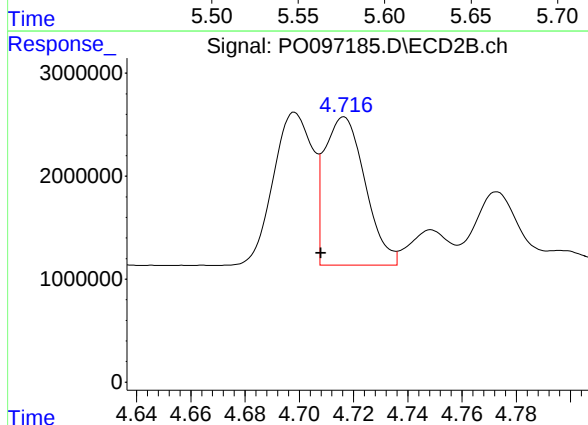
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 34399564
Conc: 944.10 ng/ml



#21 AR-1248-1

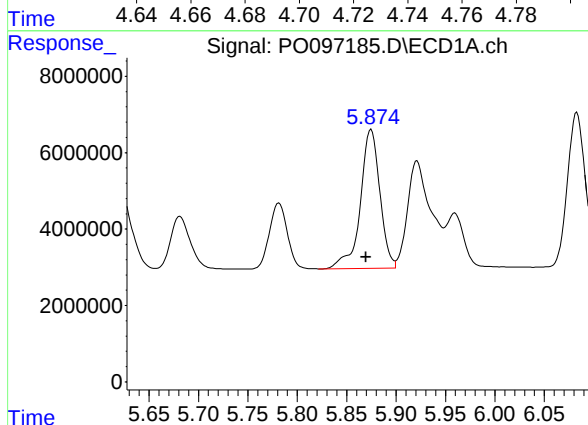
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 32934676
Conc: 562.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



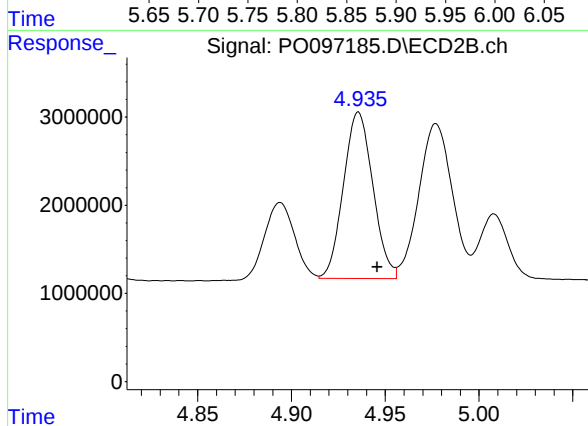
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.009 min
Response: 14980699
Conc: 533.83 ng/ml



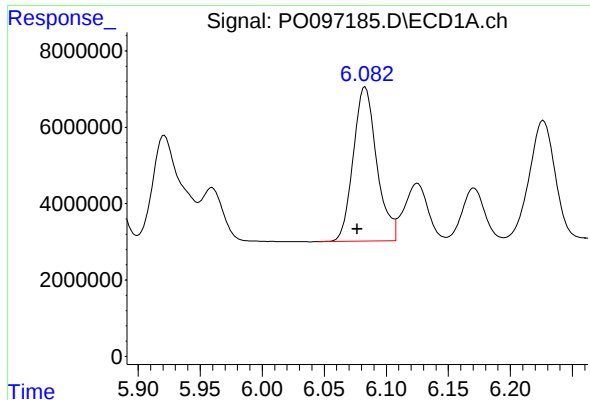
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 50103987
Conc: 532.92 ng/ml



#22 AR-1248-2

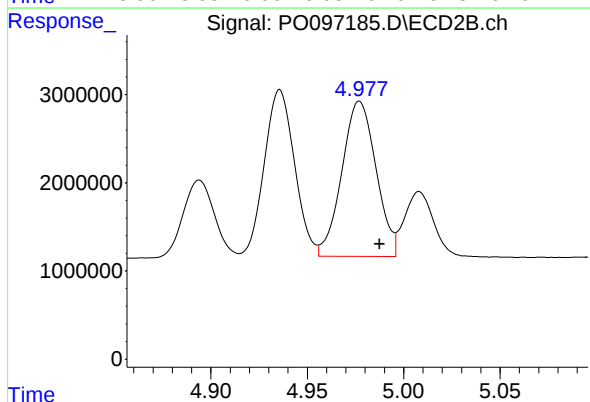
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 20613674
Conc: 486.39 ng/ml



#23 AR-1248-3

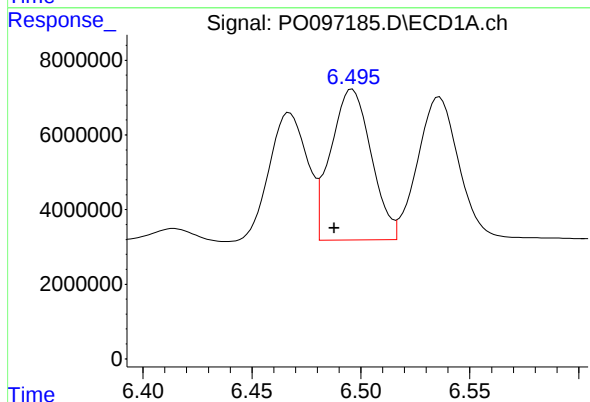
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 53010665
Conc: 541.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



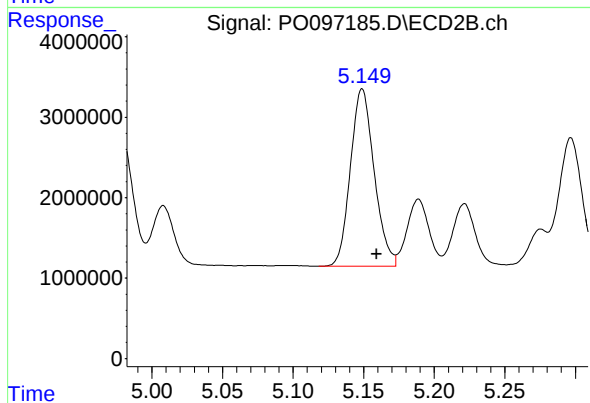
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 21793884
Conc: 496.84 ng/ml



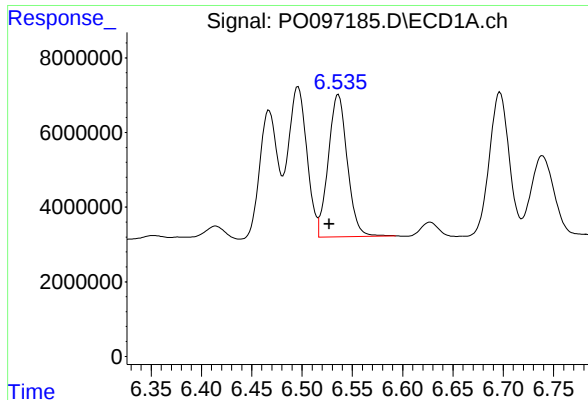
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 52231237
Conc: 574.96 ng/ml



#24 AR-1248-4

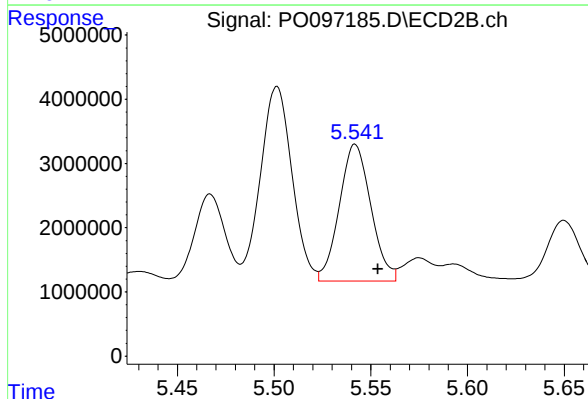
R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 25839148
Conc: 506.15 ng/ml



#25 AR-1248-5

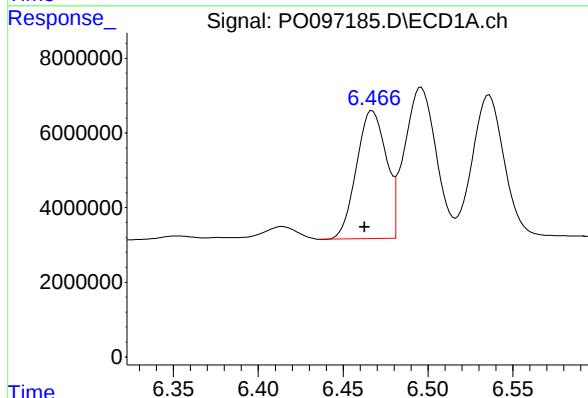
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 50178582
Conc: 569.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



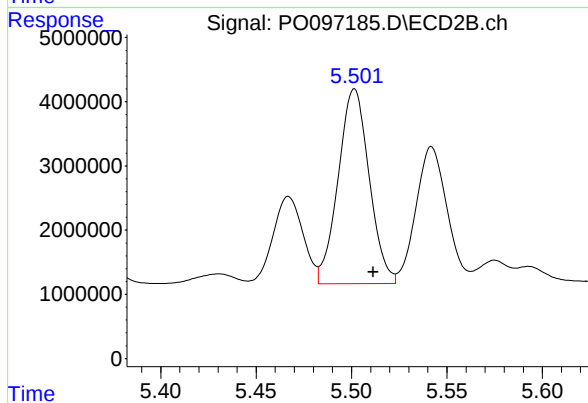
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.012 min
Response: 24137540
Conc: 516.29 ng/ml



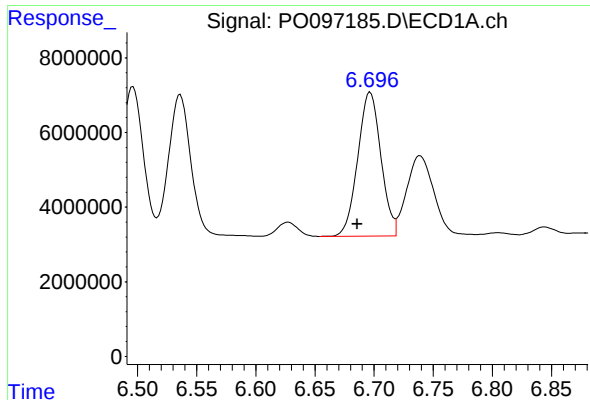
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.005 min
Response: 41787651
Conc: 382.35 ng/ml



#26 AR-1254-1

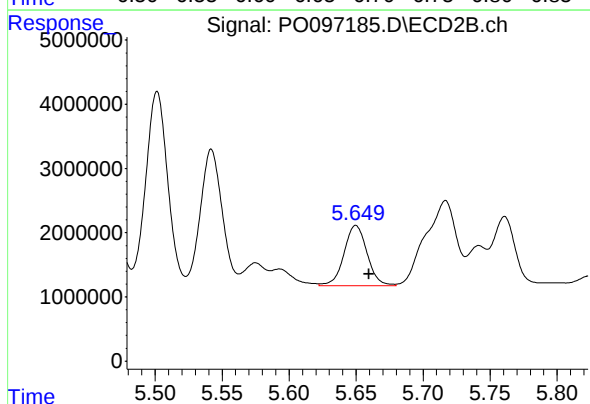
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 34399564
Conc: 466.14 ng/ml



#27 AR-1254-2

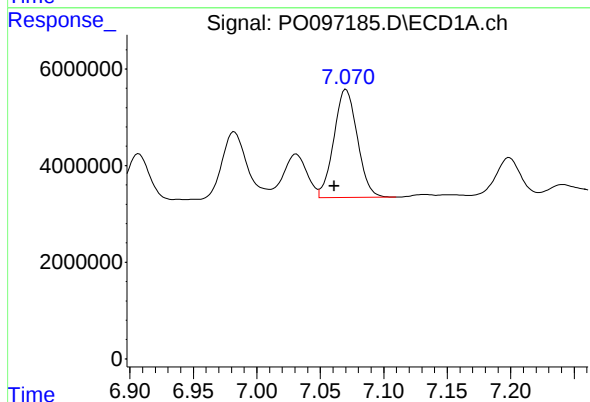
R.T.: 6.697 min
Delta R.T.: 0.011 min
Response: 52472085
Conc: 325.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



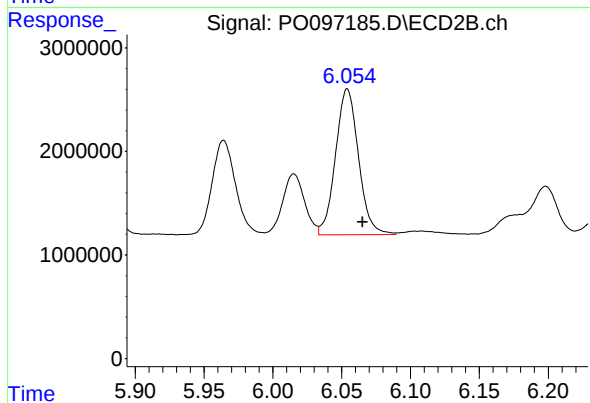
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 11241188
Conc: 170.63 ng/ml



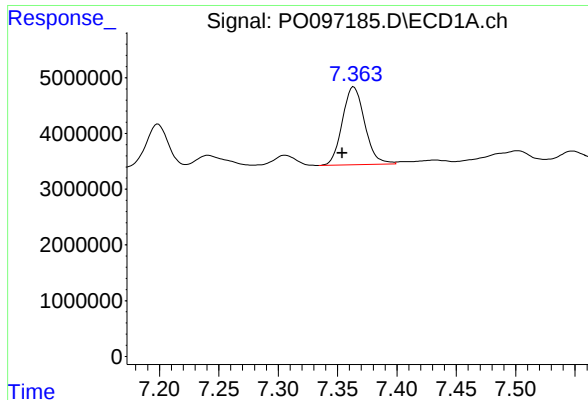
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 28885038
Conc: 184.34 ng/ml



#28 AR-1254-3

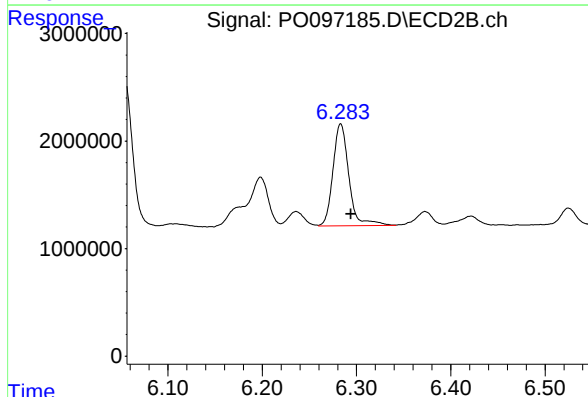
R.T.: 6.054 min
Delta R.T.: -0.011 min
Response: 16317484
Conc: 161.46 ng/ml



#29 AR-1254-4

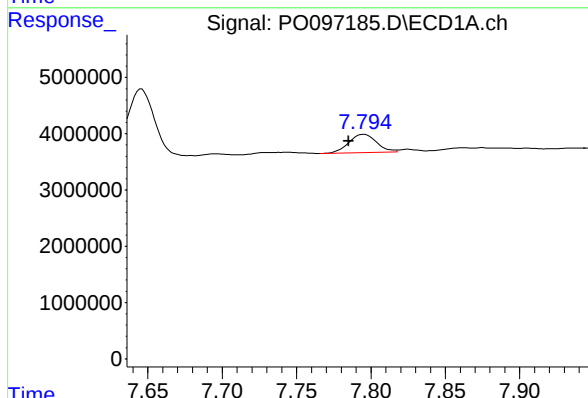
R.T.: 7.364 min
Delta R.T.: 0.009 min
Response: 18309222
Conc: 181.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



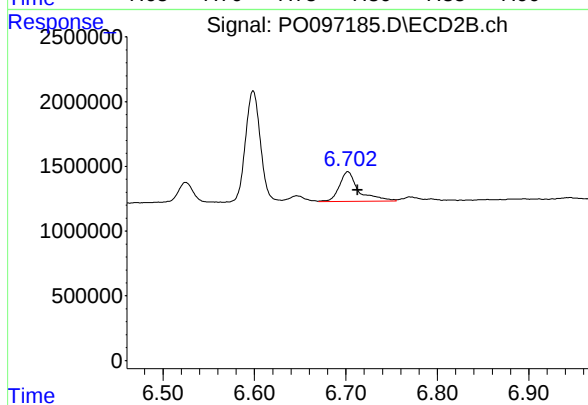
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: -0.011 min
Response: 11161220
Conc: 192.85 ng/ml



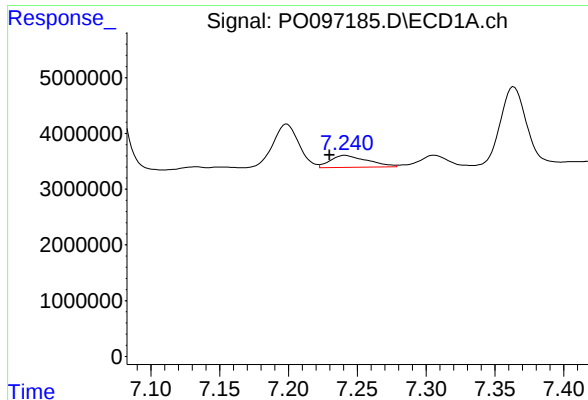
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 4242607
Conc: 37.81 ng/ml



#30 AR-1254-5

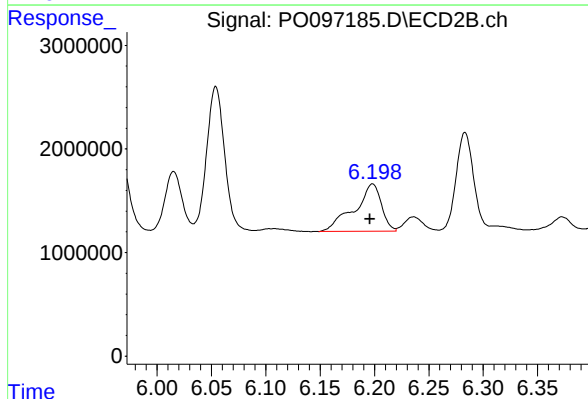
R.T.: 6.702 min
Delta R.T.: -0.011 min
Response: 3393903
Conc: 38.60 ng/ml



#31 AR-1260-1

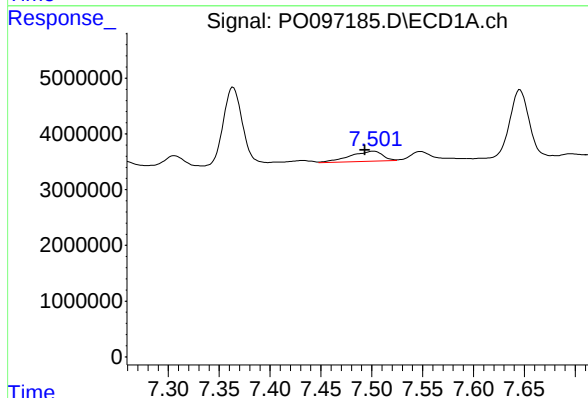
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 4029516
Conc: 32.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



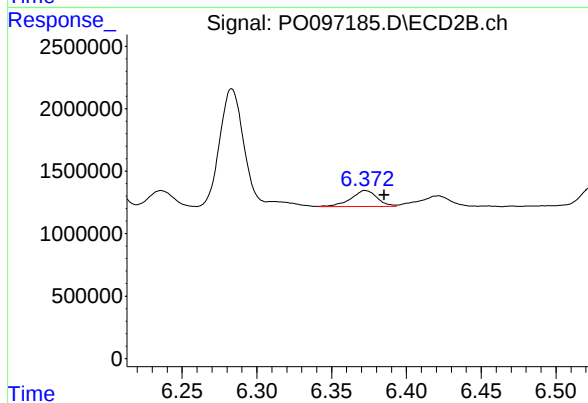
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 7937973
Conc: 112.81 ng/ml



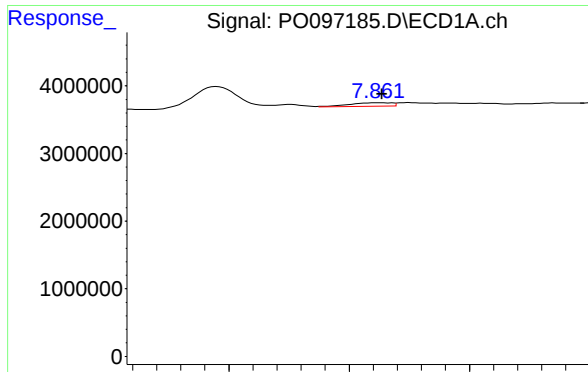
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.009 min
Response: 4124909
Conc: 30.61 ng/ml



#32 AR-1260-2

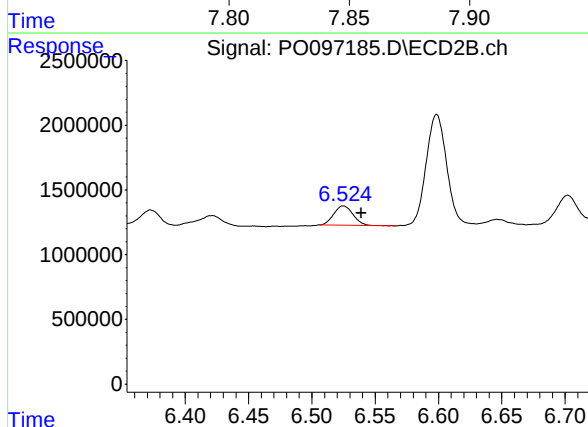
R.T.: 6.373 min
Delta R.T.: -0.013 min
Response: 1583573
Conc: 18.97 ng/ml



#33 AR-1260-3

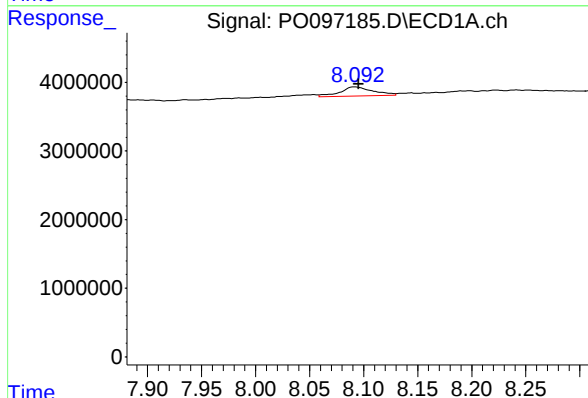
R.T.: 7.862 min
Delta R.T.: -0.002 min
Response: 631517
Conc: 6.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



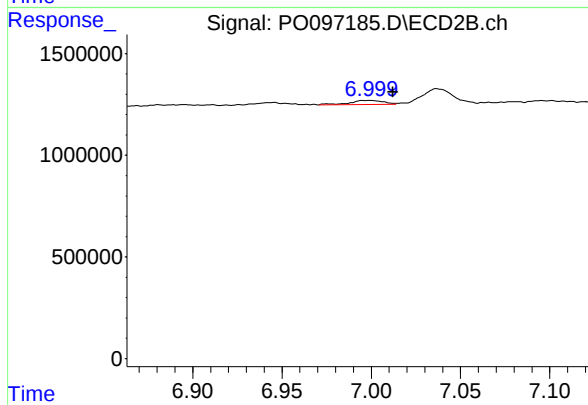
#33 AR-1260-3

R.T.: 6.525 min
Delta R.T.: -0.014 min
Response: 1611096
Conc: 20.86 ng/ml



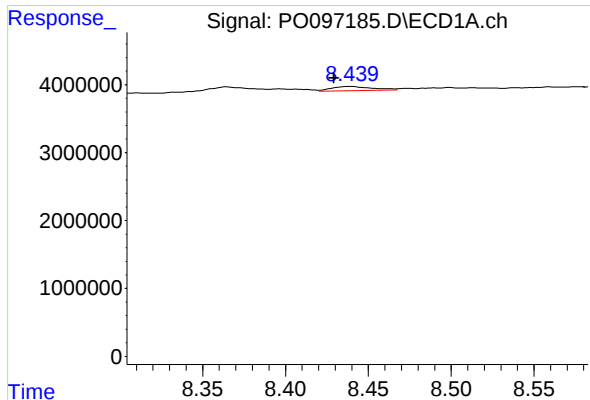
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 2845334
Conc: 25.45 ng/ml



#34 AR-1260-4

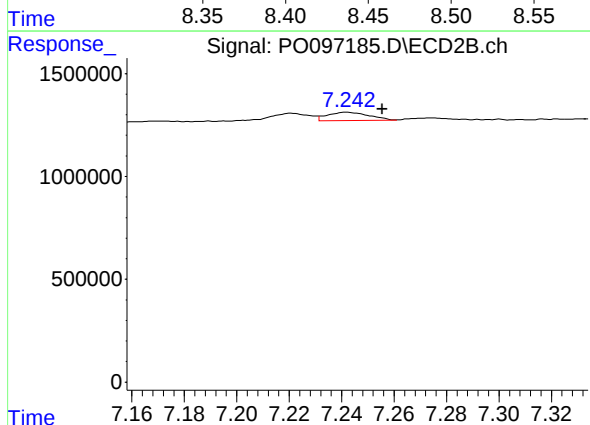
R.T.: 6.999 min
Delta R.T.: -0.013 min
Response: 250417
Conc: 3.91 ng/ml



#35 AR-1260-5

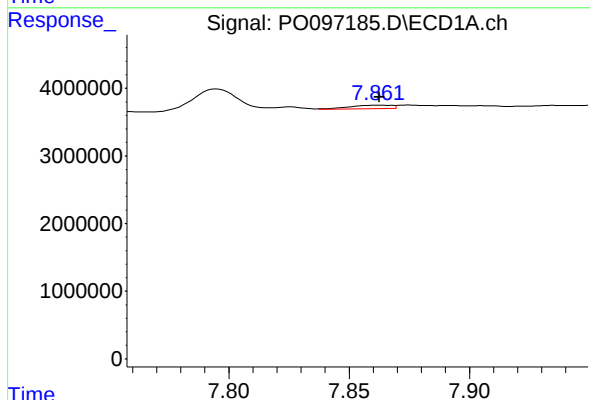
R.T.: 8.439 min
Delta R.T.: 0.009 min
Response: 1063390
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



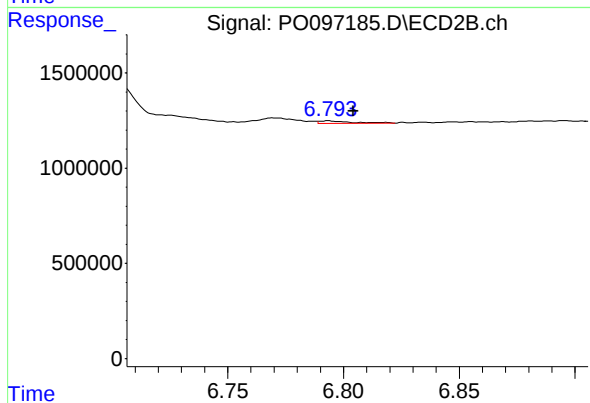
#35 AR-1260-5

R.T.: 7.242 min
Delta R.T.: -0.013 min
Response: 447326
Conc: 3.23 ng/ml



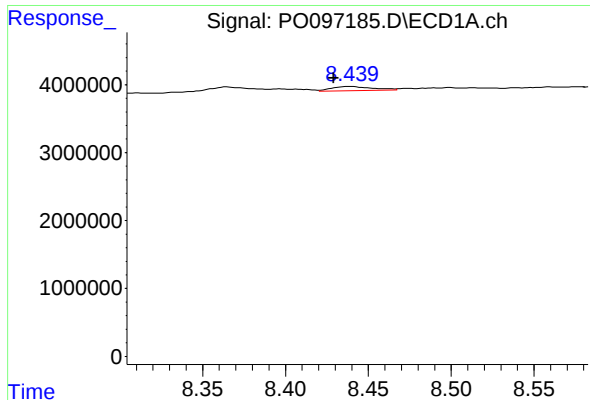
#36 AR-1262-1

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 631517
Conc: 4.25 ng/ml



#36 AR-1262-1

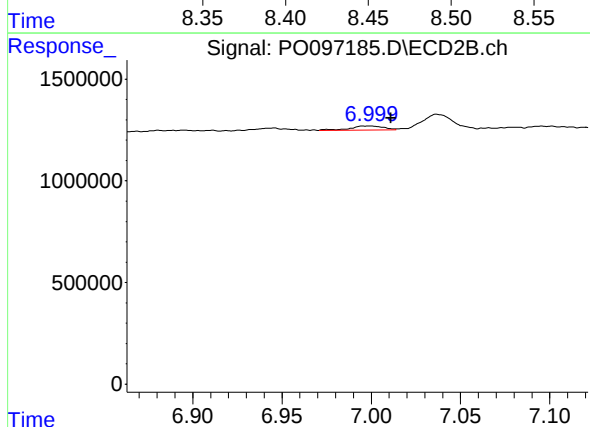
R.T.: 6.793 min
Delta R.T.: -0.011 min
Response: 134274
Conc: 3.41 ng/ml



#37 AR-1262-2

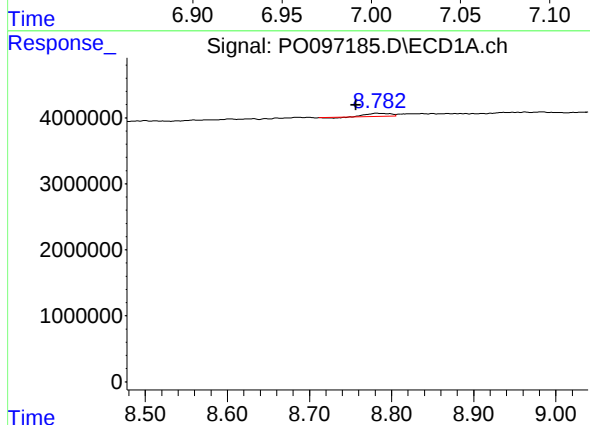
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 1063390
Conc: 4.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



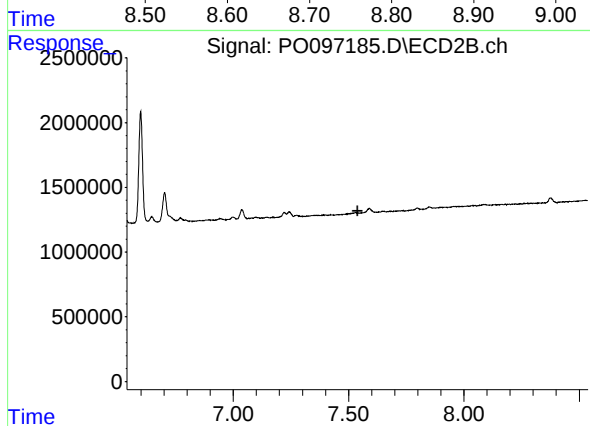
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: -0.012 min
Response: 250417
Conc: 3.09 ng/ml



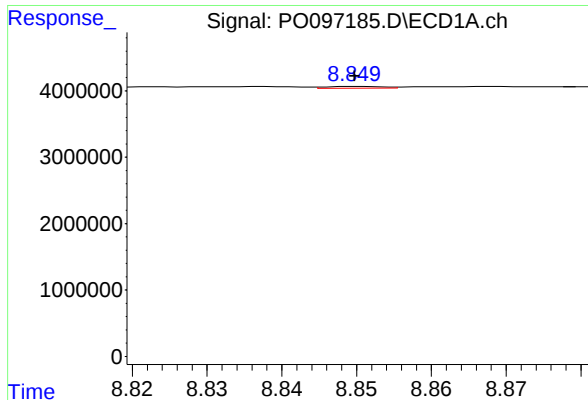
#38 AR-1262-3

R.T.: 8.782 min
Delta R.T.: 0.025 min
Response: 841347
Conc: 5.04 ng/ml



#38 AR-1262-3

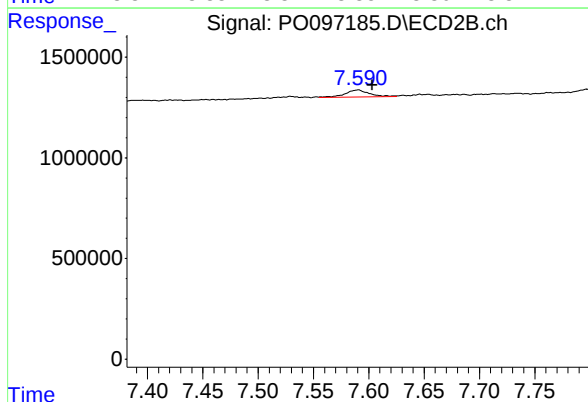
R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: -2462
Conc: N.D.



#39 AR-1262-4

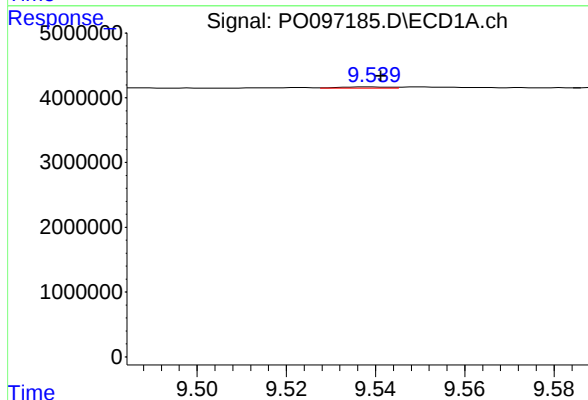
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 131391
Conc: 1.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



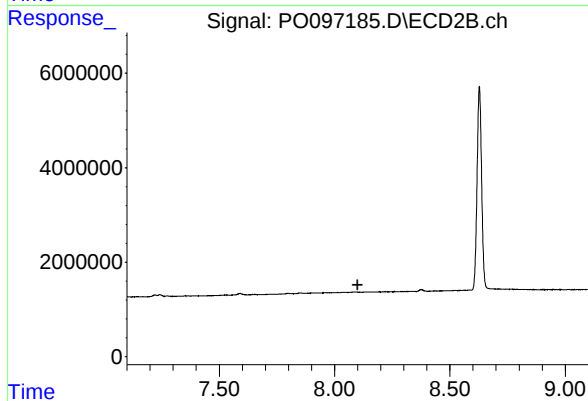
#39 AR-1262-4

R.T.: 7.590 min
Delta R.T.: -0.013 min
Response: 539735
Conc: 4.75 ng/ml



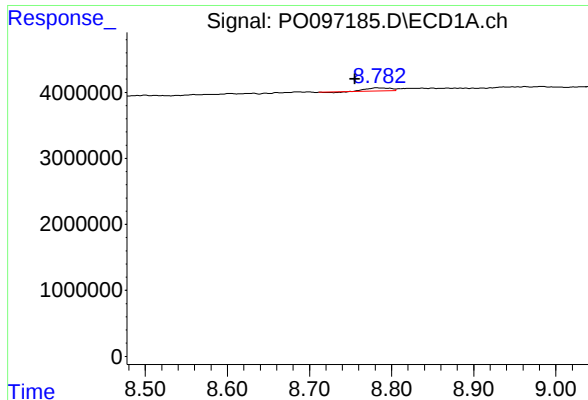
#40 AR-1262-5

R.T.: 9.539 min
Delta R.T.: -0.002 min
Response: 134685
Conc: 1.62 ng/ml



#40 AR-1262-5

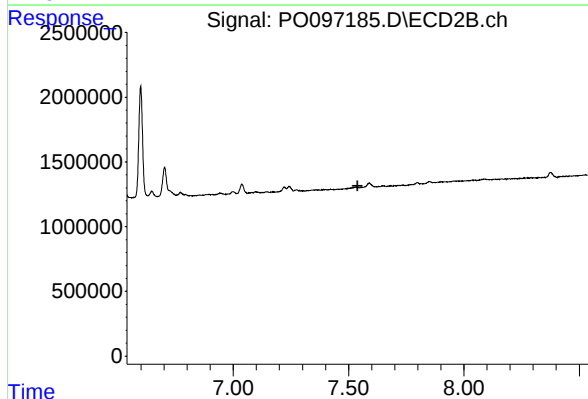
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

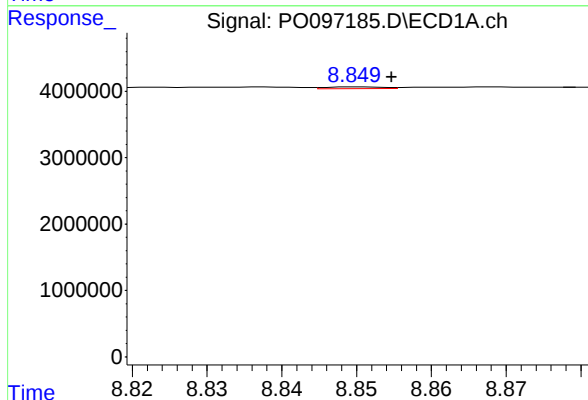
R.T.: 8.782 min
Delta R.T.: 0.027 min
Response: 841347
Conc: 2.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



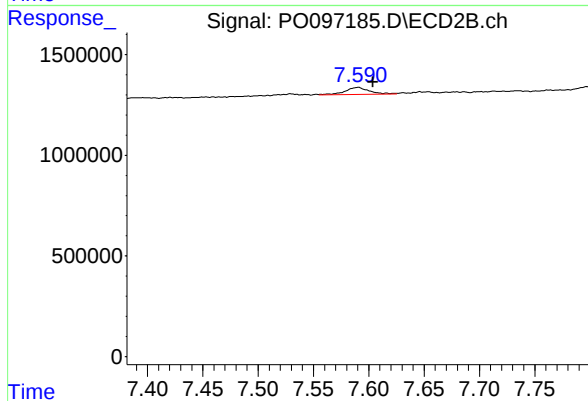
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: -2462
Conc: N.D.



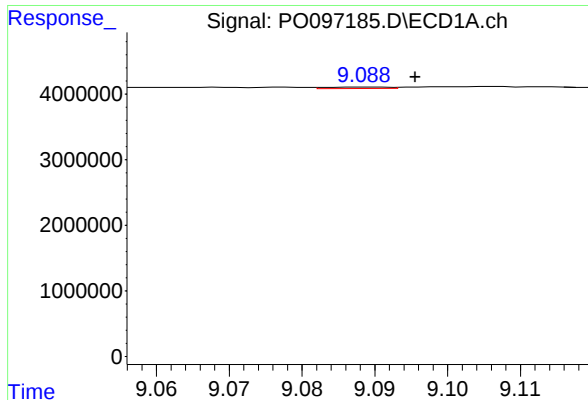
#42 AR-1268-2

R.T.: 8.850 min
Delta R.T.: -0.004 min
Response: 131391
Conc: 0.48 ng/ml



#42 AR-1268-2

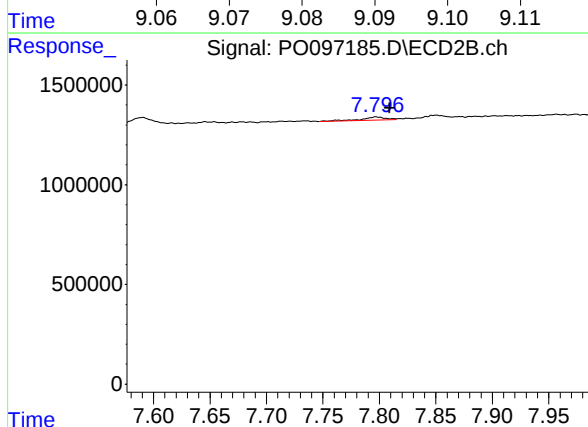
R.T.: 7.590 min
Delta R.T.: -0.013 min
Response: 539735
Conc: 3.22 ng/ml



#43 AR-1268-3

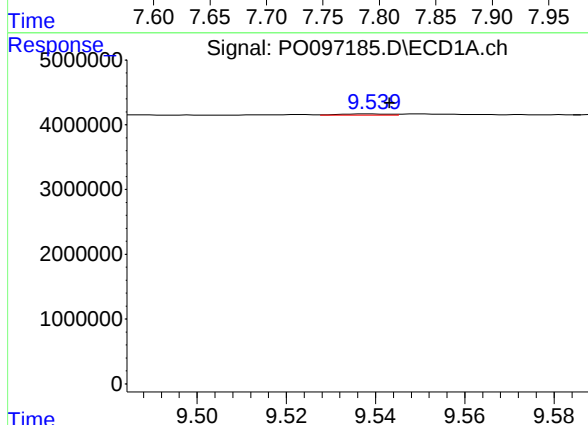
R.T.: 9.089 min
Delta R.T.: -0.007 min
Response: 140067
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



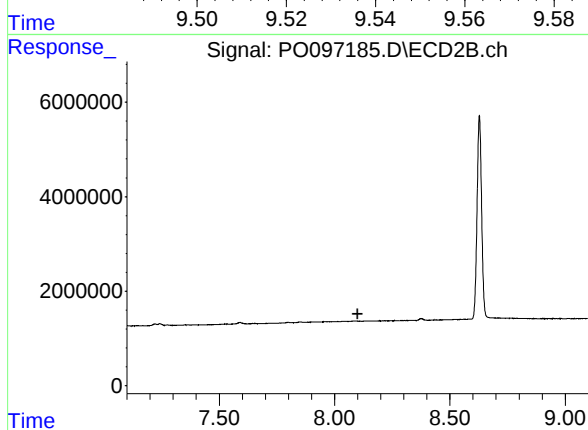
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.012 min
Response: 239960
Conc: 1.66 ng/ml



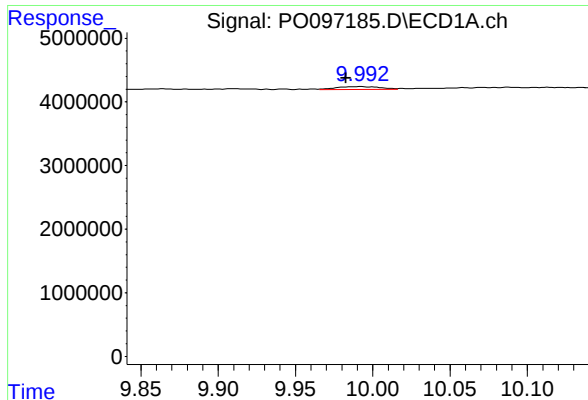
#44 AR-1268-4

R.T.: 9.539 min
Delta R.T.: -0.004 min
Response: 134685
Conc: 1.45 ng/ml



#44 AR-1268-4

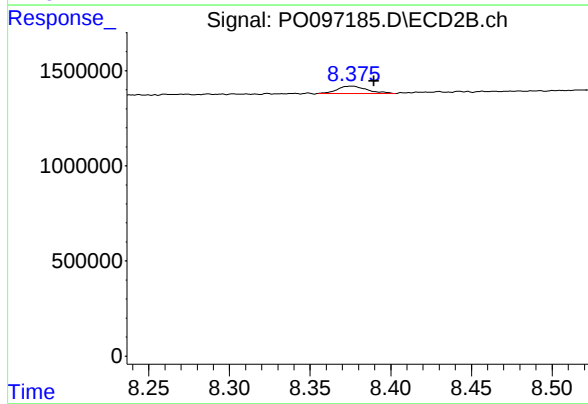
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.992 min
Delta R.T.: 0.010 min
Response: 824720
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: -0.014 min
Response: 490097
Conc: 1.18 ng/ml