

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090823\
 Data File : P0097830.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2023 11:19
 Operator : YP/AJ
 Sample : 04298-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 15:53:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.442	3.623	66266884	15731654	16.633	16.427
2)	SA Decachlor...	10.291	8.658	44813469	18115936	23.984	21.204
Target Compounds							
3)	L1 AR-1016-1	5.619	4.714	46783863	13889281	433.264	431.827
4)	L1 AR-1016-2	5.642	4.732	84819442	20988410	524.133	462.039
5)	L1 AR-1016-3	5.705	4.909	61654630	10837030	619.188	445.110 #
6)	L1 AR-1016-4	5.805	4.951	50053559	12876624	634.755	612.910
7)	L1 AR-1016-5	6.102	5.166	106.4E6	26710112	1296.240	961.057 #
8)	L2 AR-1221-1	4.663	3.844	319551	504612	6.707	41.790 #
9)	L2 AR-1221-2	4.751	3.925	3381314	353358	95.163	41.425 #
10)	L2 AR-1221-3	4.816	4.000	8180487	1634092	78.961	60.981
11)	L3 AR-1232-1	4.816	4.000	8180487	1634092	95.270	74.083
12)	L3 AR-1232-2	5.350	4.732	17084156	20988410	390.968	1023.019 #
13)	L3 AR-1232-3	5.642	4.909	84819442	10837030	1170.316	996.679
14)	L3 AR-1232-4	5.805	4.993	50053559	17658013	1451.492	1626.394
15)	L3 AR-1232-5	5.896	5.166	52653186	26710112	1685.491	2203.178 #
16)	L4 AR-1242-1	5.619	4.714	46783863	13889281	502.285	494.930
17)	L4 AR-1242-2	5.642	4.732	84819442	20988410	604.563	528.828
18)	L4 AR-1242-3	5.705	4.909	61654630	10837030	712.394	512.826 #
19)	L4 AR-1242-4	5.805	4.993	50053559	17658013	738.026	770.468
20)	L4 AR-1242-5	6.569	5.518	409.3E6	54007990	5817.164	2073.143 #
21)	L5 AR-1248-1	5.619	4.714	46783863	13889281	689.482	676.123
22)	L5 AR-1248-2	5.896	4.951	52653186	12876624	486.884	422.632
23)	L5 AR-1248-3	6.102	4.993	106.4E6	17658013	948.120	554.463 #
24)	L5 AR-1248-4	6.509	5.166	105.1E6	26710112	1016.996	713.745 #
25)	L5 AR-1248-5	6.569	5.561	409.3E6	46883043	3672.098	1406.959 #
26)	L6 AR-1254-1	6.480	5.518	12607167	54007990	102.834	993.471 #
27)	L6 AR-1254-2	6.706	5.667	212.3E6	21236277	1183.309	441.003 #
28)	L6 AR-1254-3	7.073	6.073	142.5E6	47805560	804.897	647.058
29)	L6 AR-1254-4	7.362	6.302	149.4E6	47567857	1388.125	1200.235
30)	L6 AR-1254-5	7.784	6.722	112.0E6	39496683	931.363	641.280 #
31)	L7 AR-1260-1	7.240	6.218	39642817	32130012	280.519	603.895 #
32)	L7 AR-1260-2	7.498	6.393	78777265	17212374	521.165	274.874 #
33)	L7 AR-1260-3	7.862	6.545	50033915	16027363	441.687	277.941 #
34)	L7 AR-1260-4	8.087	7.021	106.0E6	19686311	891.866	419.651 #
35)	L7 AR-1260-5	8.418	7.263	219.9E6	98621542	1073.930	994.912
36)	L8 AR-1262-1	7.862	6.814	50033915	8541171	329.086	315.212
37)	L8 AR-1262-2	8.418	7.021	219.9E6	19686311	1007.283	337.807 #
38)	L8 AR-1262-3	8.752	7.549	174.9E6	26105322	1130.771	598.449 #
39)	L8 AR-1262-4	8.830	7.612	49744007	85716771	592.108	1126.560 #
40)	L8 AR-1262-5	9.509	8.109	158.1E6	63339843	2194.044	2018.814
41)	L9 AR-1268-1	8.752	7.549	174.9E6	26105322	616.438	198.297 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090823\
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 Acq On : 08 Sep 2023 11:19
 Operator : YP/AJ
 Sample : 04298-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

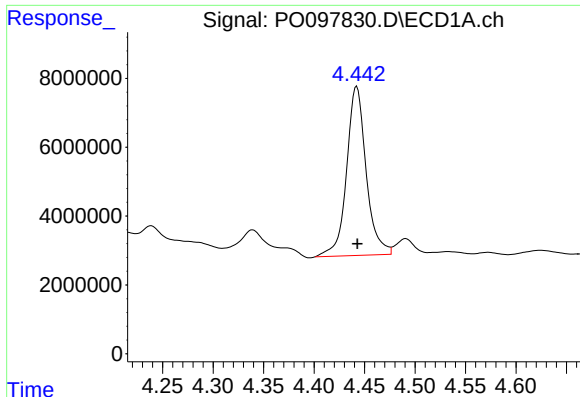
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 15:53:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
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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	8.830	7.612	49744007	85716771	194.754	743.736 #
43) L9	AR-1268-3	9.070	7.913	4980196	1772239	22.286	64.107 #
44) L9	AR-1268-4	9.509	8.109	158.1E6	63339843	1934.919	1798.136
45) L9	AR-1268-5	9.939	8.402	58658540	23990093	88.430	76.520

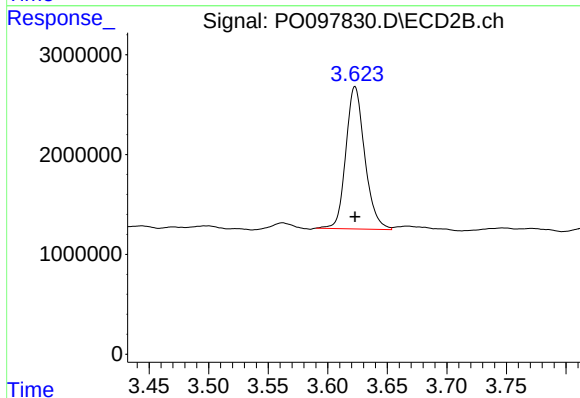
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

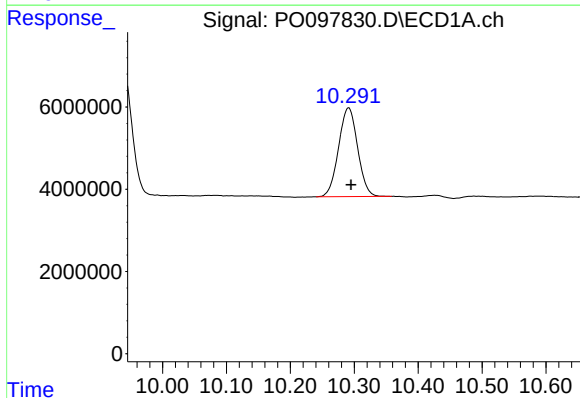
R.T.: 4.442 min
Delta R.T.: 0.000 min
Response: 66266884
Conc: 16.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



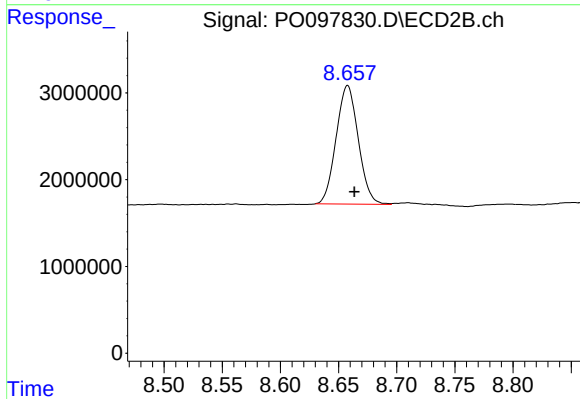
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 15731654
Conc: 16.43 ng/ml



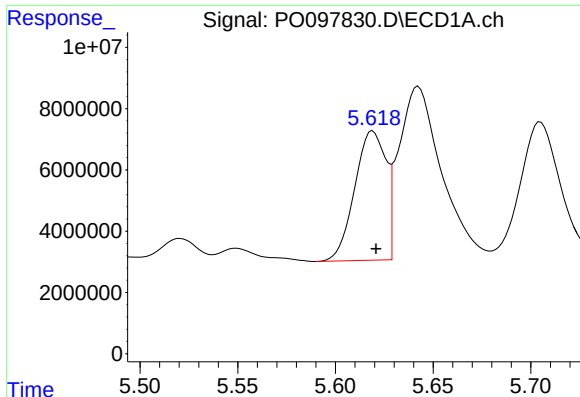
#2 Decachlorobiphenyl

R.T.: 10.291 min
Delta R.T.: -0.004 min
Response: 44813469
Conc: 23.98 ng/ml



#2 Decachlorobiphenyl

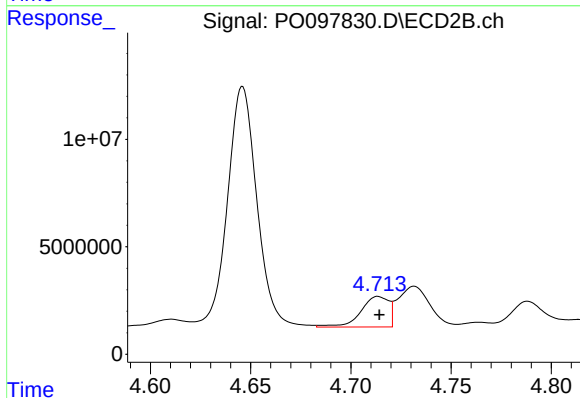
R.T.: 8.658 min
Delta R.T.: -0.006 min
Response: 18115936
Conc: 21.20 ng/ml



#3 AR-1016-1

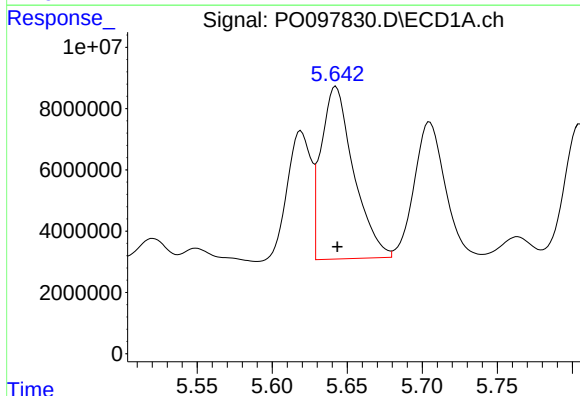
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 46783863
Conc: 433.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



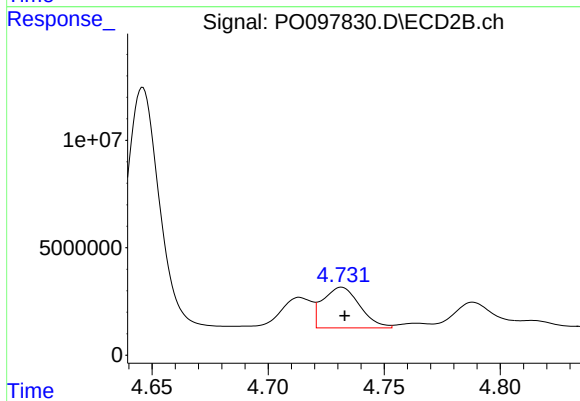
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 13889281
Conc: 431.83 ng/ml



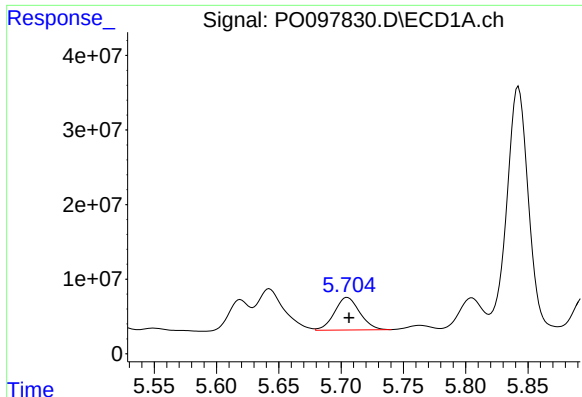
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 84819442
Conc: 524.13 ng/ml



#4 AR-1016-2

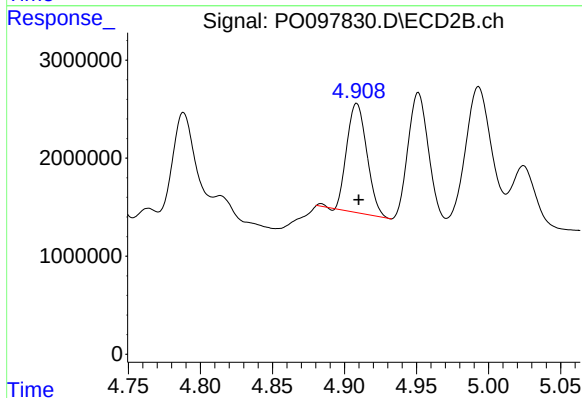
R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 20988410
Conc: 462.04 ng/ml



#5 AR-1016-3

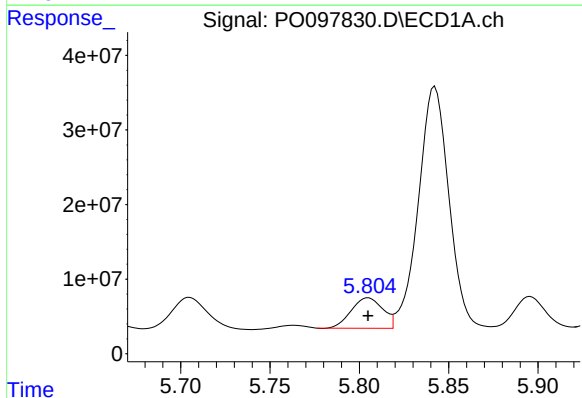
R.T.: 5.705 min
Delta R.T.: -0.001 min
Response: 61654630
Conc: 619.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



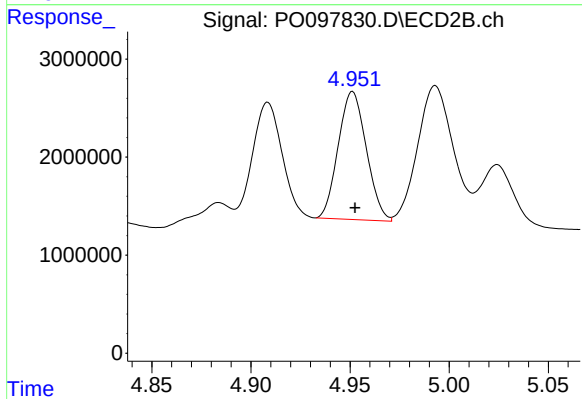
#5 AR-1016-3

R.T.: 4.909 min
Delta R.T.: -0.001 min
Response: 10837030
Conc: 445.11 ng/ml



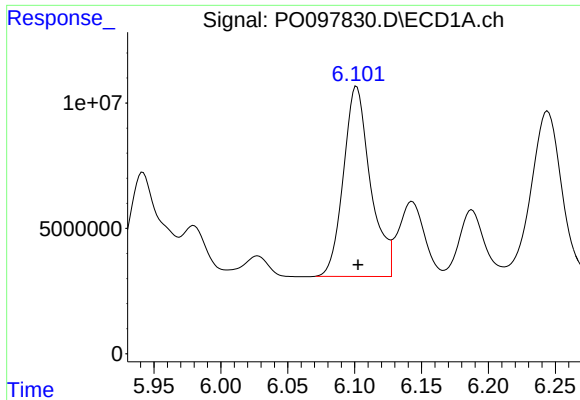
#6 AR-1016-4

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 50053559
Conc: 634.76 ng/ml



#6 AR-1016-4

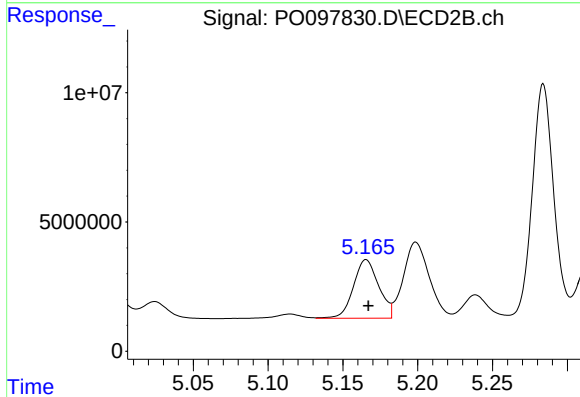
R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 12876624
Conc: 612.91 ng/ml



#7 AR-1016-5

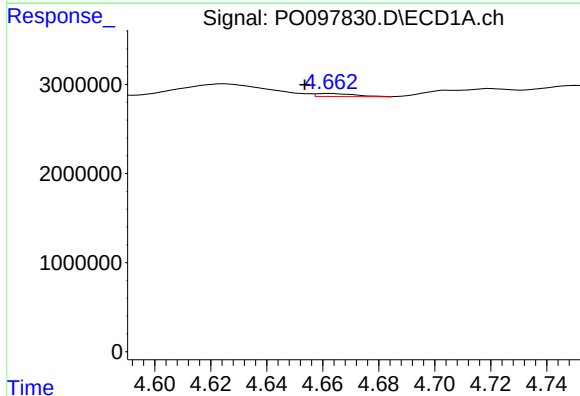
R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 106414161
Conc: 1296.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



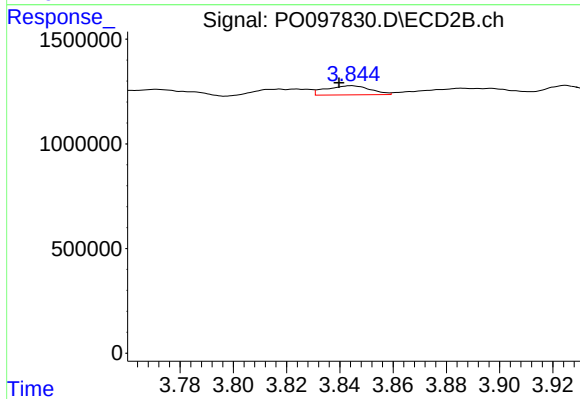
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 26710112
Conc: 961.06 ng/ml



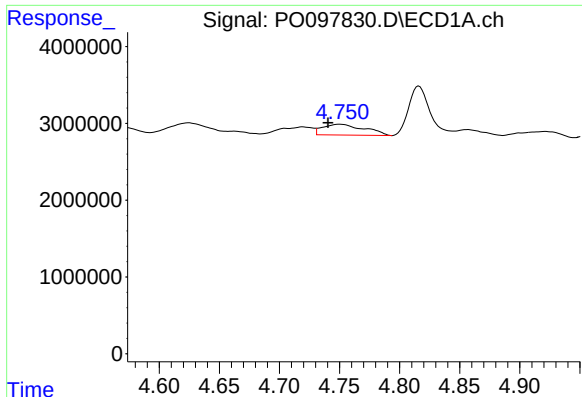
#8 AR-1221-1

R.T.: 4.663 min
Delta R.T.: 0.009 min
Response: 319551
Conc: 6.71 ng/ml



#8 AR-1221-1

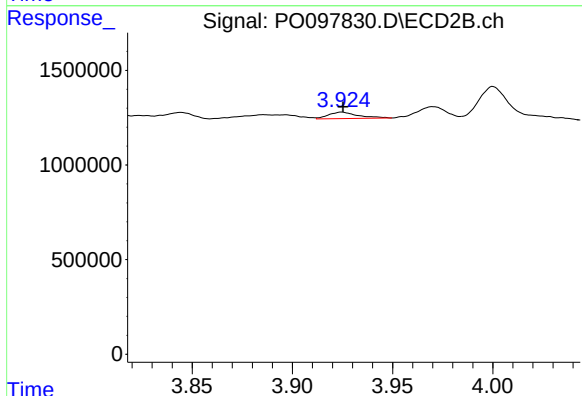
R.T.: 3.844 min
Delta R.T.: 0.005 min
Response: 504612
Conc: 41.79 ng/ml



#9 AR-1221-2

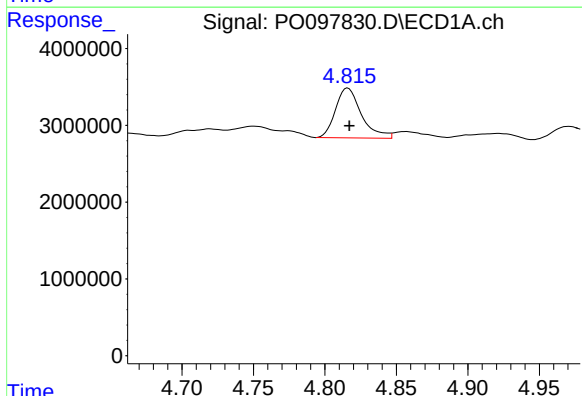
R.T.: 4.751 min
Delta R.T.: 0.010 min
Response: 3381314
Conc: 95.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



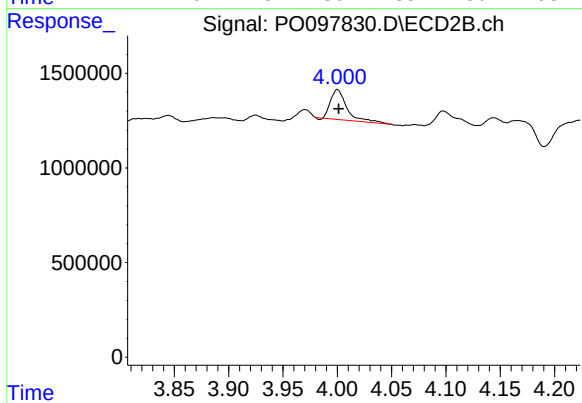
#9 AR-1221-2

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 353358
Conc: 41.42 ng/ml



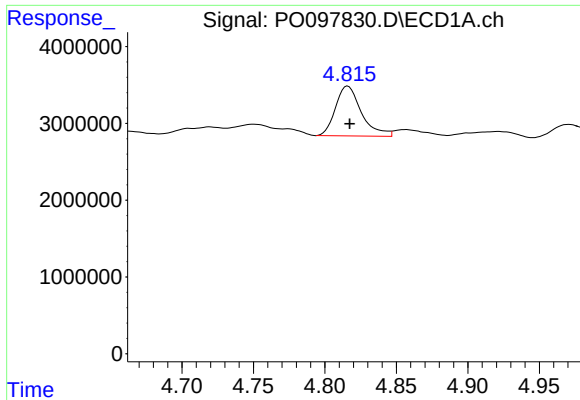
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: -0.001 min
Response: 8180487
Conc: 78.96 ng/ml



#10 AR-1221-3

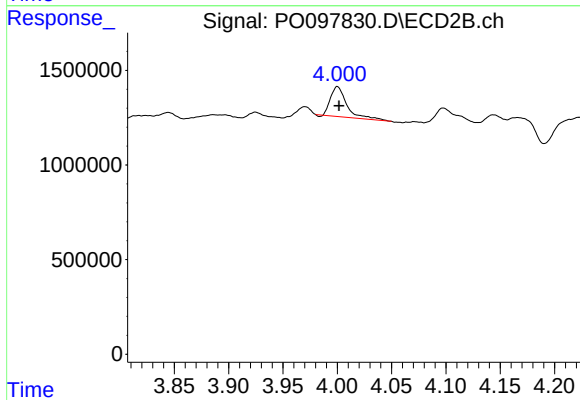
R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 1634092
Conc: 60.98 ng/ml



#11 AR-1232-1

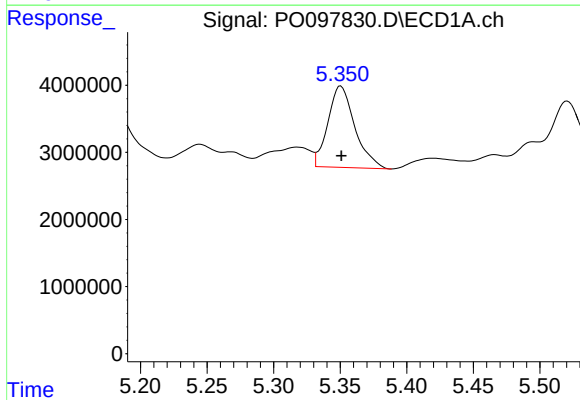
R.T.: 4.816 min
Delta R.T.: -0.001 min
Response: 8180487
Conc: 95.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



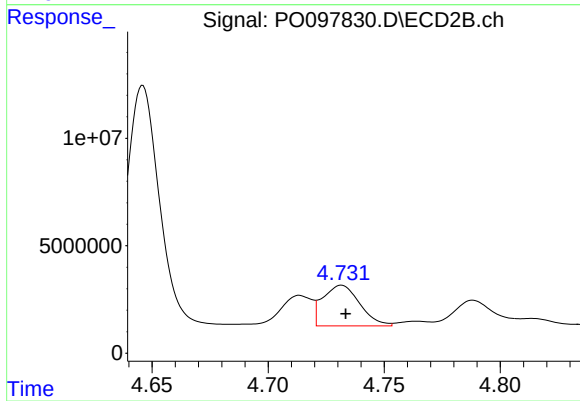
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 1634092
Conc: 74.08 ng/ml



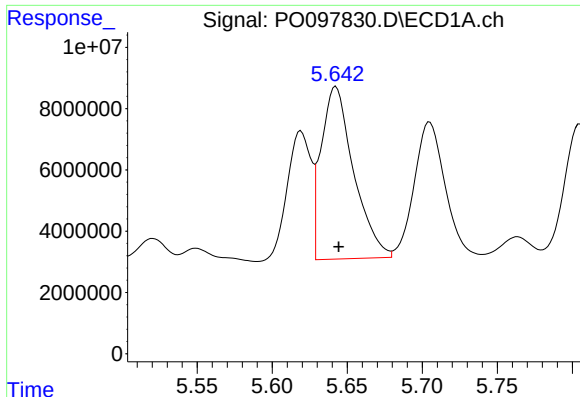
#12 AR-1232-2

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 17084156
Conc: 390.97 ng/ml



#12 AR-1232-2

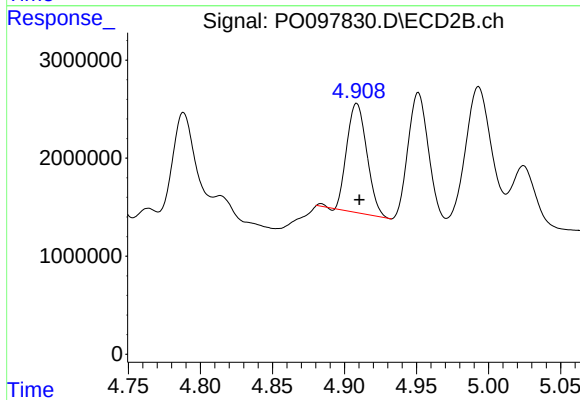
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 20988410
Conc: 1023.02 ng/ml



#13 AR-1232-3

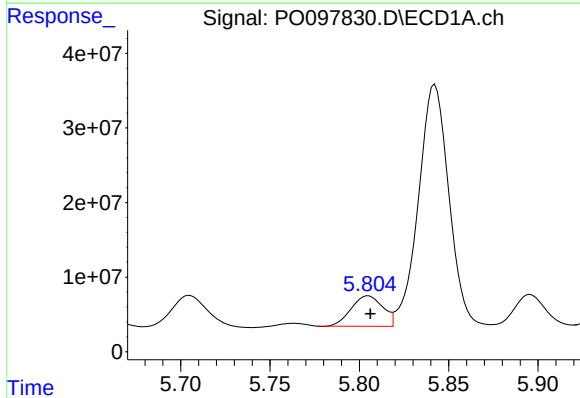
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 84819442
Conc: 1170.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



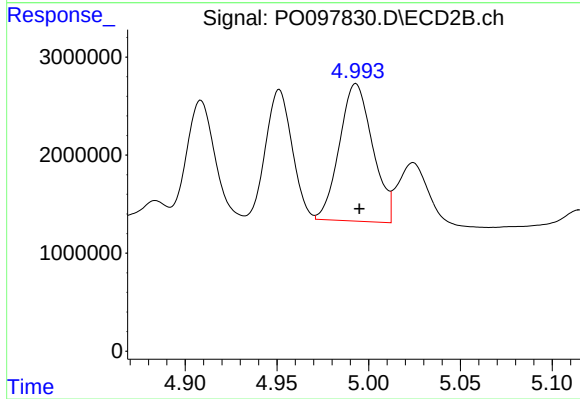
#13 AR-1232-3

R.T.: 4.909 min
Delta R.T.: -0.002 min
Response: 10837030
Conc: 996.68 ng/ml



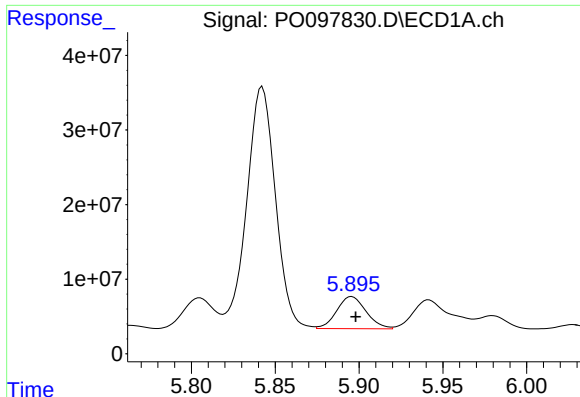
#14 AR-1232-4

R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 50053559
Conc: 1451.49 ng/ml



#14 AR-1232-4

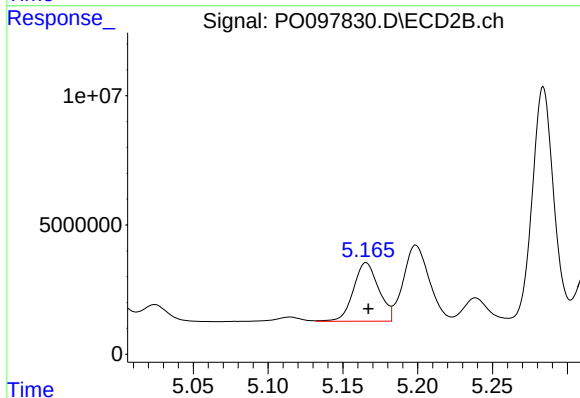
R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 17658013
Conc: 1626.39 ng/ml



#15 AR-1232-5

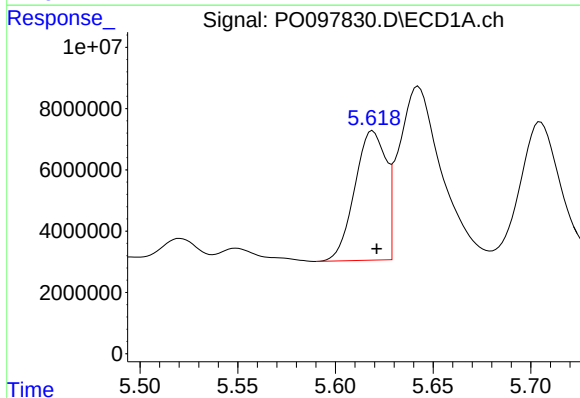
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 52653186
Conc: 1685.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



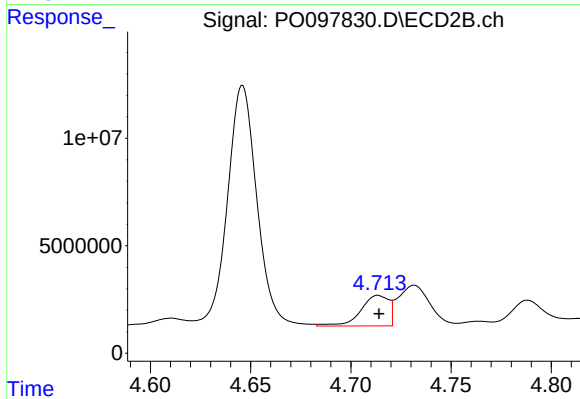
#15 AR-1232-5

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 26710112
Conc: 2203.18 ng/ml



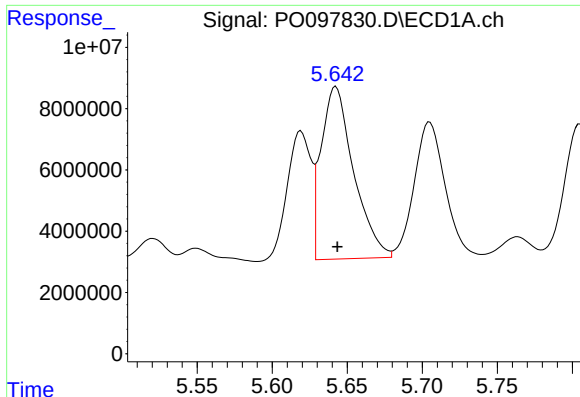
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 46783863
Conc: 502.29 ng/ml



#16 AR-1242-1

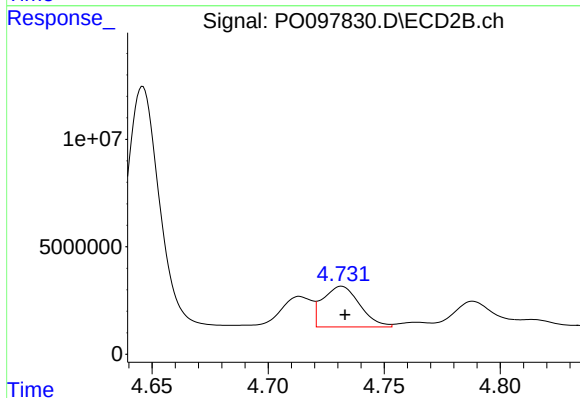
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 13889281
Conc: 494.93 ng/ml



#17 AR-1242-2

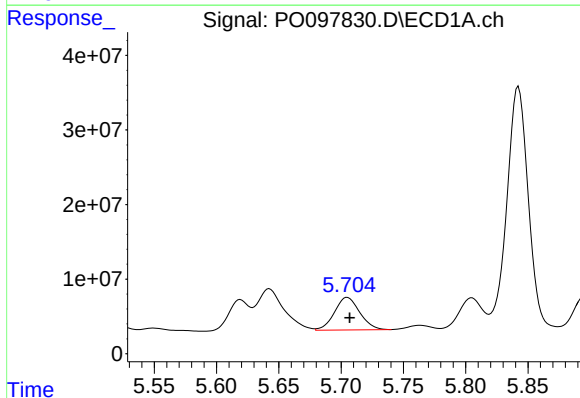
R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 84819442
Conc: 604.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



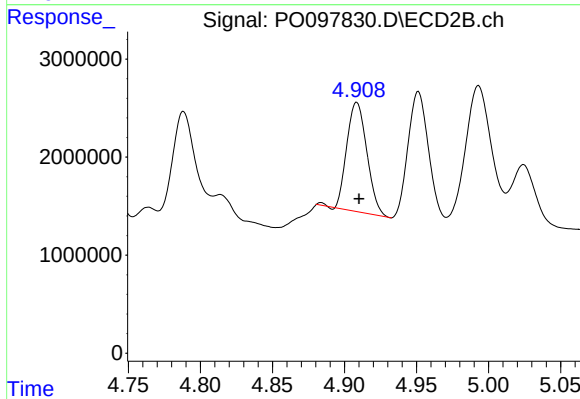
#17 AR-1242-2

R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 20988410
Conc: 528.83 ng/ml



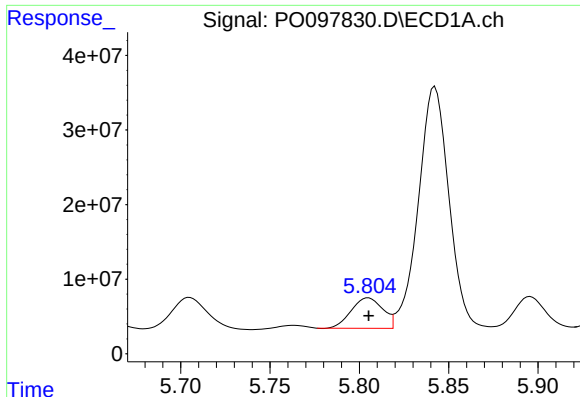
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 61654630
Conc: 712.39 ng/ml



#18 AR-1242-3

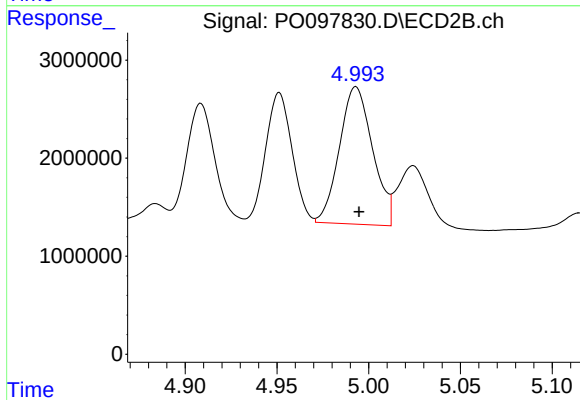
R.T.: 4.909 min
Delta R.T.: -0.002 min
Response: 10837030
Conc: 512.83 ng/ml



#19 AR-1242-4

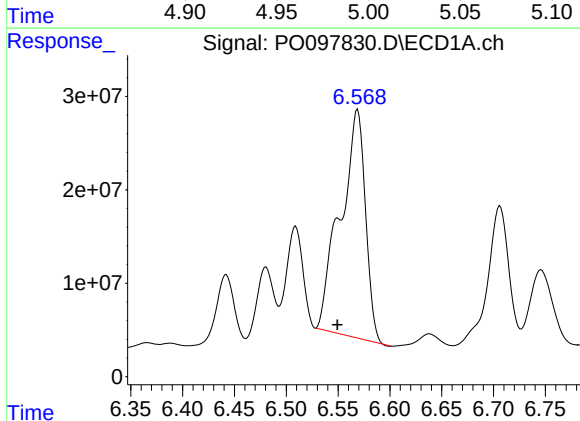
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 50053559
Conc: 738.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



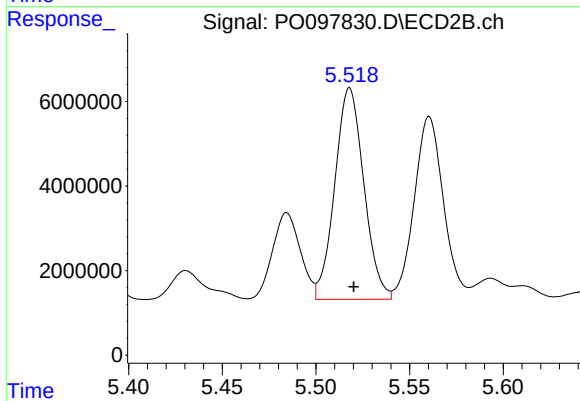
#19 AR-1242-4

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 17658013
Conc: 770.47 ng/ml



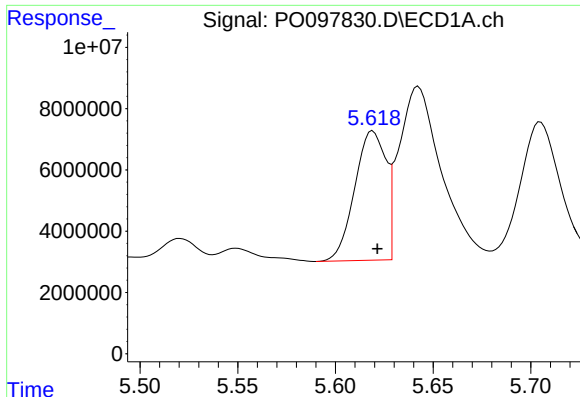
#20 AR-1242-5

R.T.: 6.569 min
Delta R.T.: 0.020 min
Response: 409339169
Conc: 5817.16 ng/ml



#20 AR-1242-5

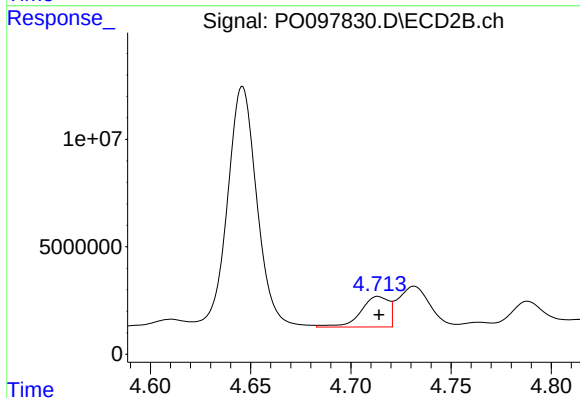
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 54007990
Conc: 2073.14 ng/ml



#21 AR-1248-1

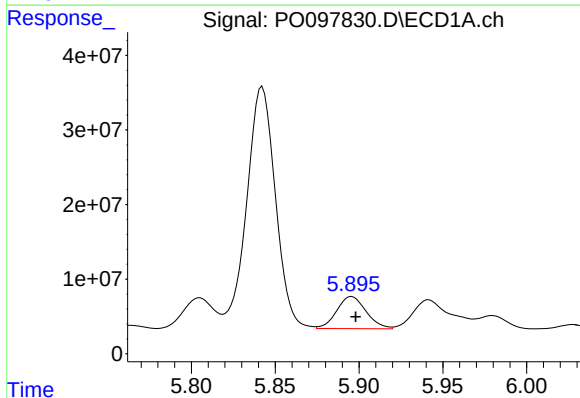
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 46783863
Conc: 689.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



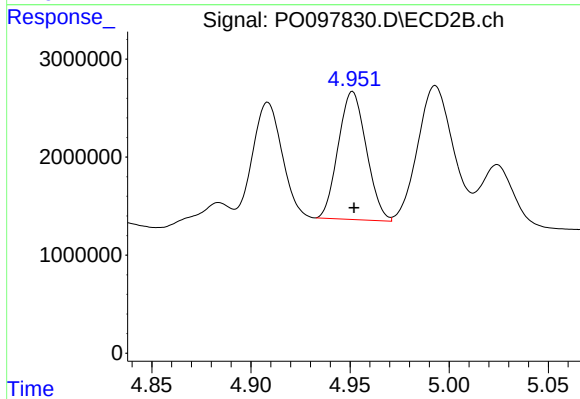
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 13889281
Conc: 676.12 ng/ml



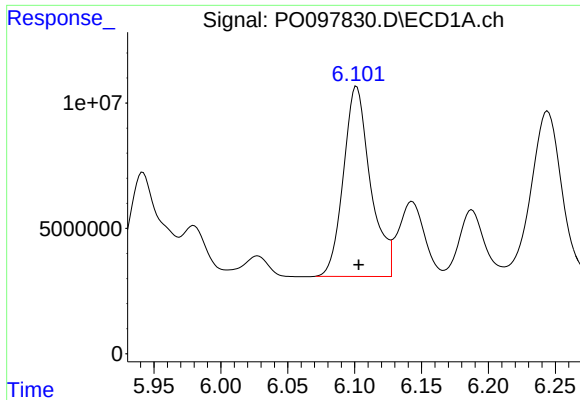
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 52653186
Conc: 486.88 ng/ml



#22 AR-1248-2

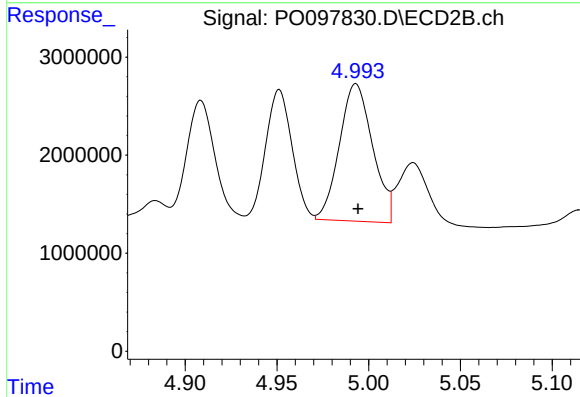
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 12876624
Conc: 422.63 ng/ml



#23 AR-1248-3

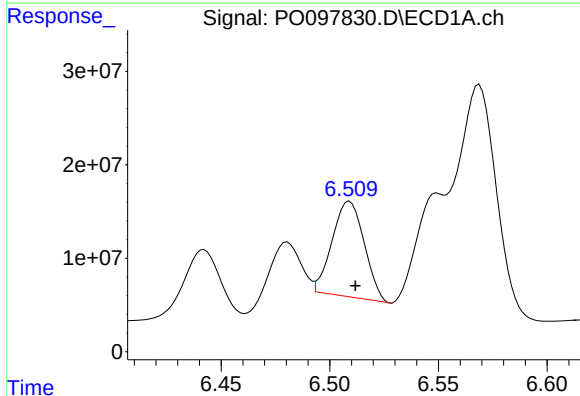
R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 106414161
Conc: 948.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



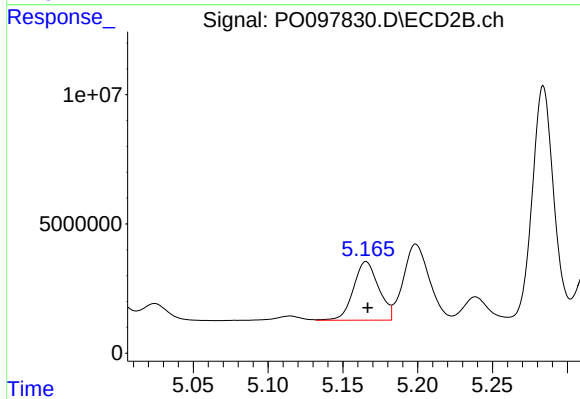
#23 AR-1248-3

R.T.: 4.993 min
Delta R.T.: -0.001 min
Response: 17658013
Conc: 554.46 ng/ml



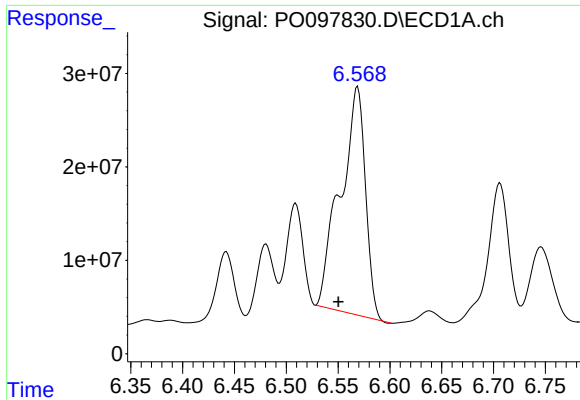
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 105136074
Conc: 1017.00 ng/ml



#24 AR-1248-4

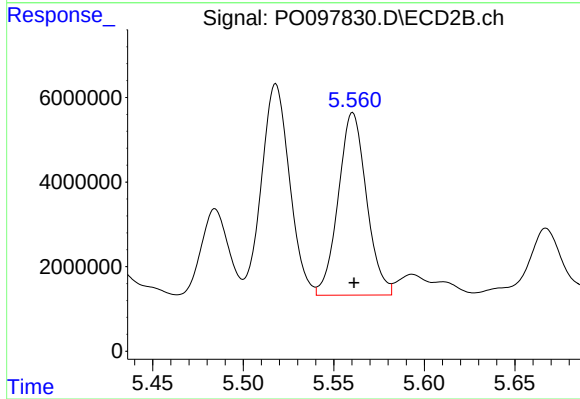
R.T.: 5.166 min
Delta R.T.: -0.001 min
Response: 26710112
Conc: 713.75 ng/ml



#25 AR-1248-5

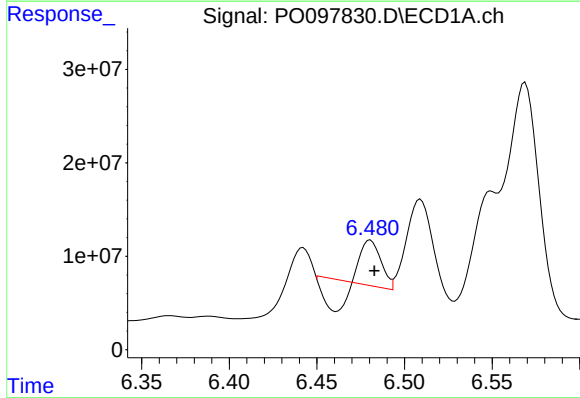
R.T.: 6.569 min
Delta R.T.: 0.019 min
Response: 409339169
Conc: 3672.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



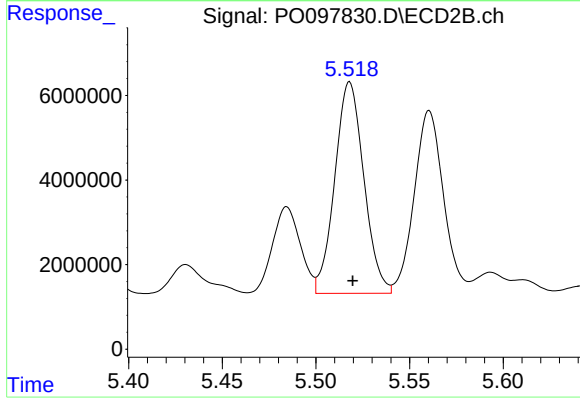
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 46883043
Conc: 1406.96 ng/ml



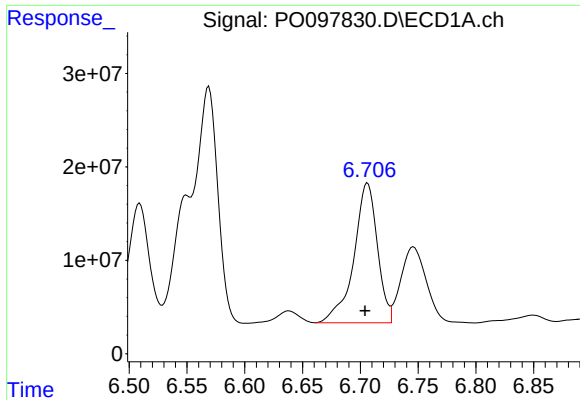
#26 AR-1254-1

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 12607167
Conc: 102.83 ng/ml



#26 AR-1254-1

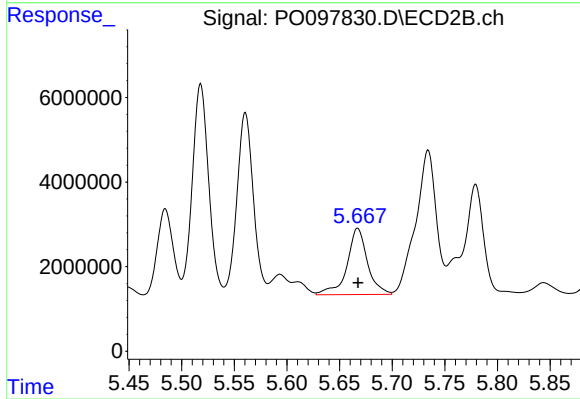
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 54007990
Conc: 993.47 ng/ml



#27 AR-1254-2

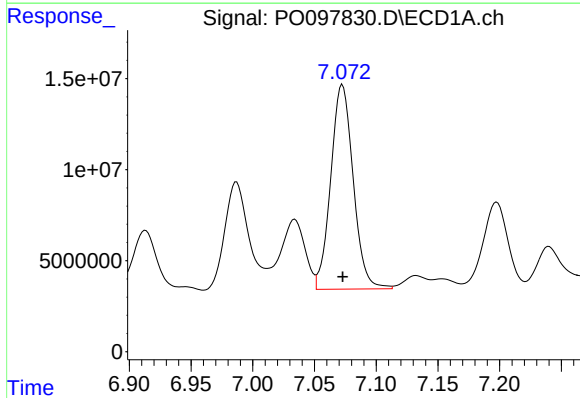
R.T.: 6.706 min
Delta R.T.: 0.002 min
Response: 212266958
Conc: 1183.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



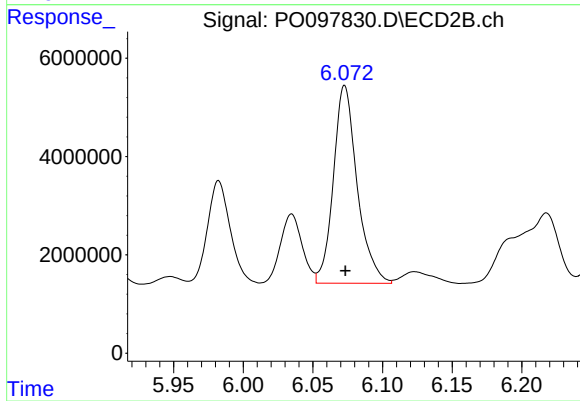
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 21236277
Conc: 441.00 ng/ml



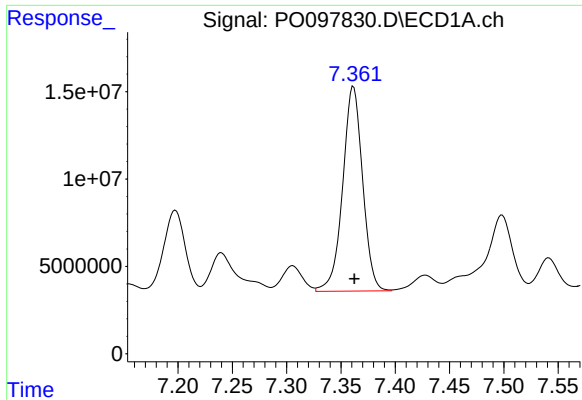
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 142537699
Conc: 804.90 ng/ml



#28 AR-1254-3

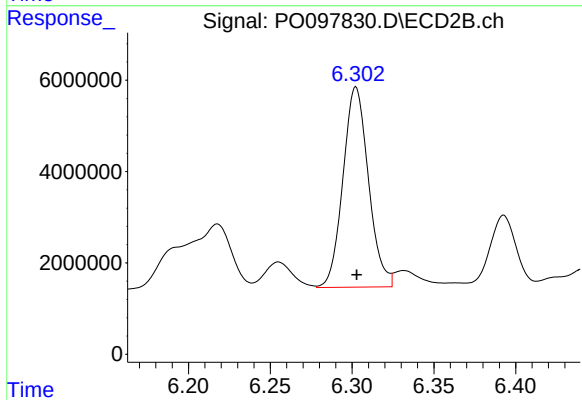
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 47805560
Conc: 647.06 ng/ml



#29 AR-1254-4

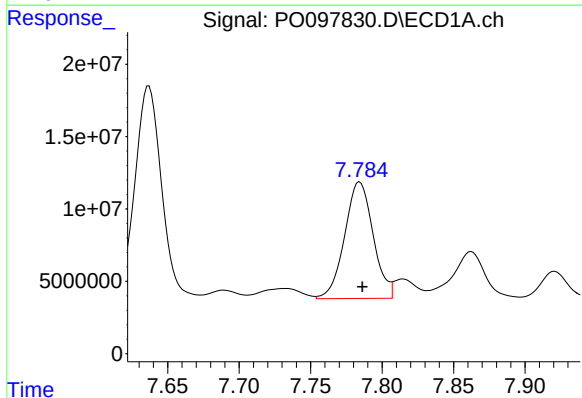
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 149415225
Conc: 1388.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



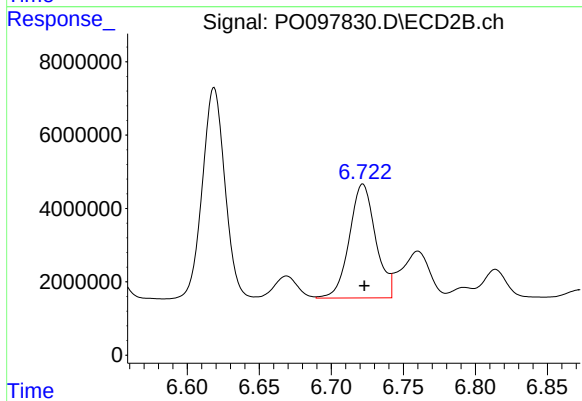
#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 47567857
Conc: 1200.23 ng/ml



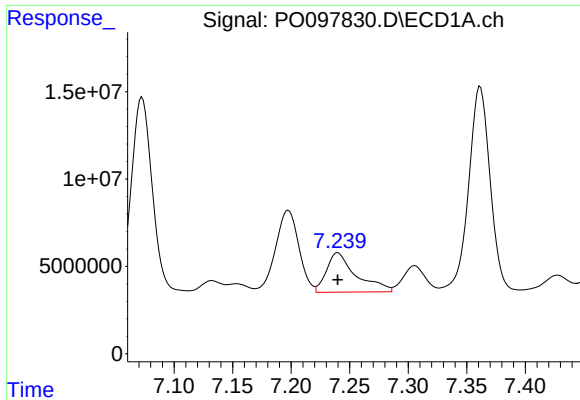
#30 AR-1254-5

R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 111980952
Conc: 931.36 ng/ml



#30 AR-1254-5

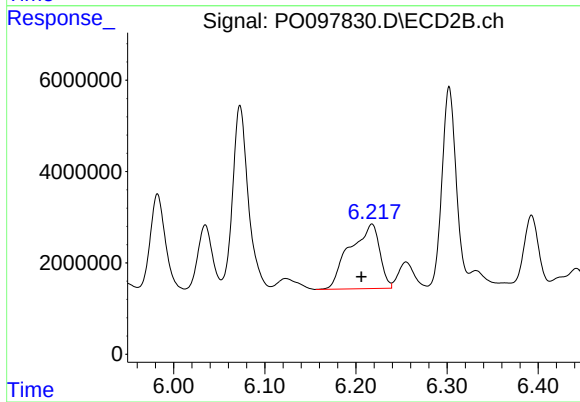
R.T.: 6.722 min
Delta R.T.: -0.001 min
Response: 39496683
Conc: 641.28 ng/ml



#31 AR-1260-1

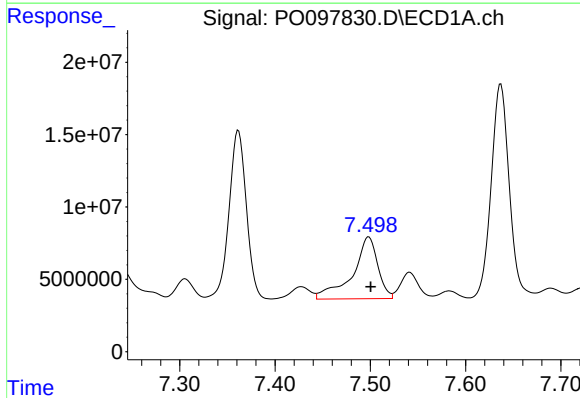
R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 39642817
Conc: 280.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



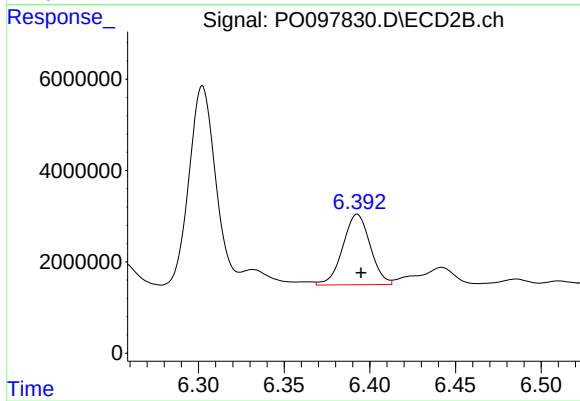
#31 AR-1260-1

R.T.: 6.218 min
Delta R.T.: 0.012 min
Response: 32130012
Conc: 603.89 ng/ml



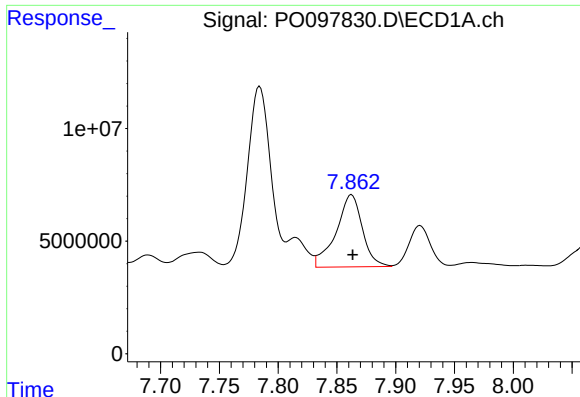
#32 AR-1260-2

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 78777265
Conc: 521.17 ng/ml



#32 AR-1260-2

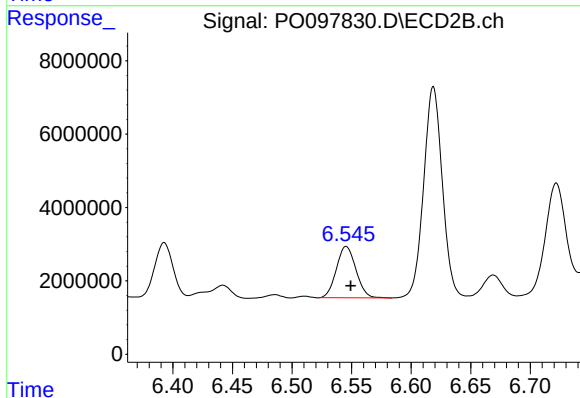
R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 17212374
Conc: 274.87 ng/ml



#33 AR-1260-3

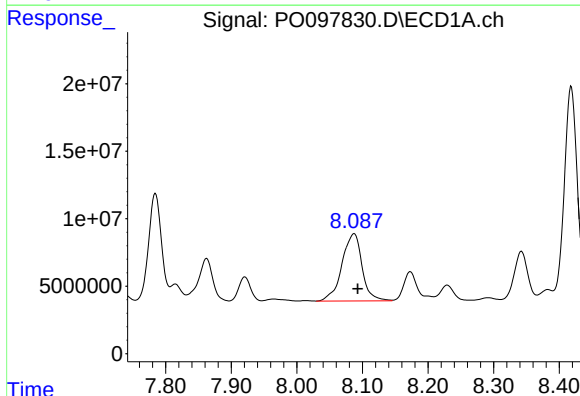
R.T.: 7.862 min
Delta R.T.: -0.001 min
Response: 50033915
Conc: 441.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



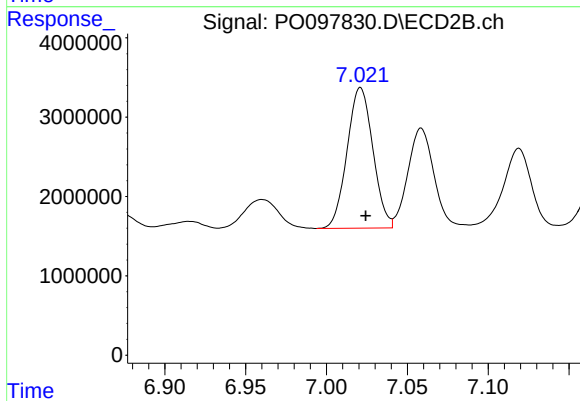
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 16027363
Conc: 277.94 ng/ml



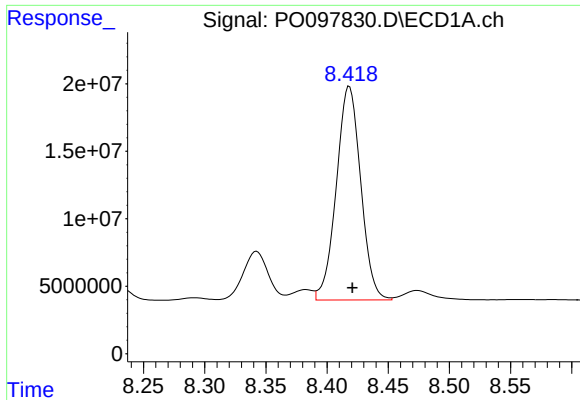
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.006 min
Response: 106020637
Conc: 891.87 ng/ml



#34 AR-1260-4

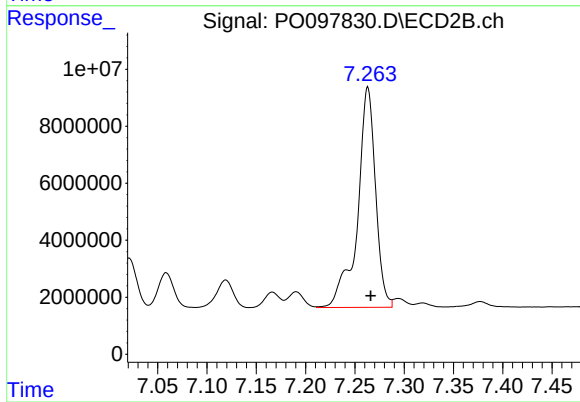
R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 19686311
Conc: 419.65 ng/ml



#35 AR-1260-5

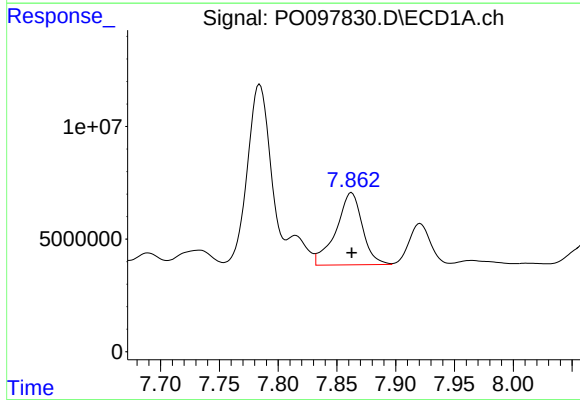
R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 219853428
Conc: 1073.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



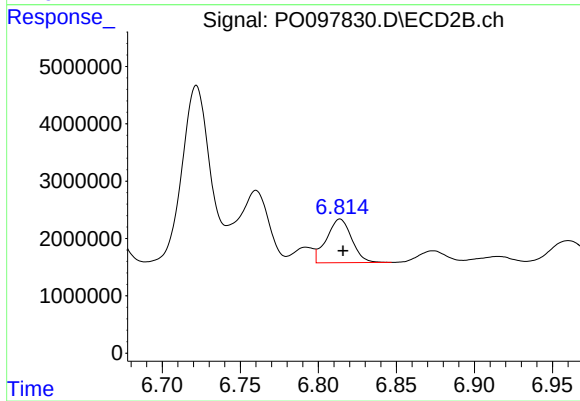
#35 AR-1260-5

R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 98621542
Conc: 994.91 ng/ml



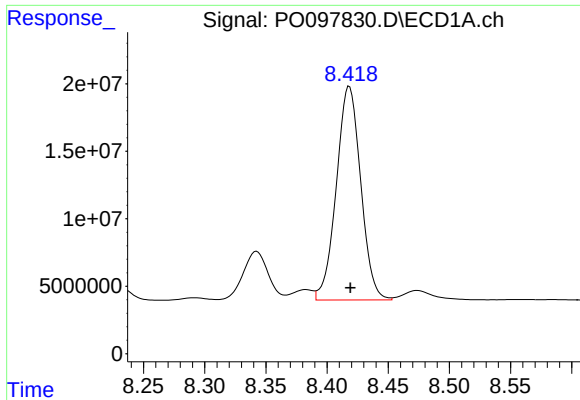
#36 AR-1262-1

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 50033915
Conc: 329.09 ng/ml



#36 AR-1262-1

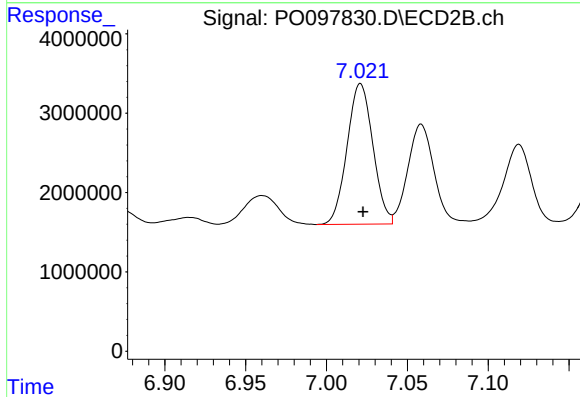
R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 8541171
Conc: 315.21 ng/ml



#37 AR-1262-2

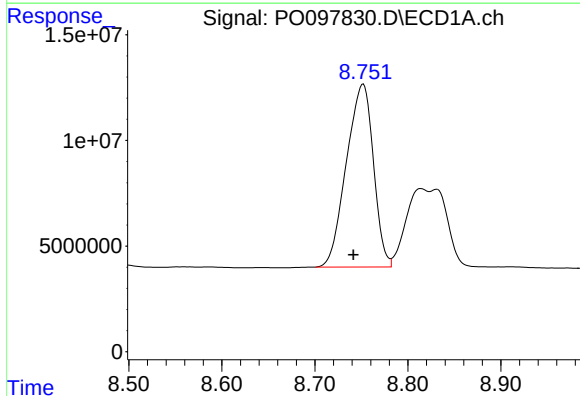
R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 219853428
Conc: 1007.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



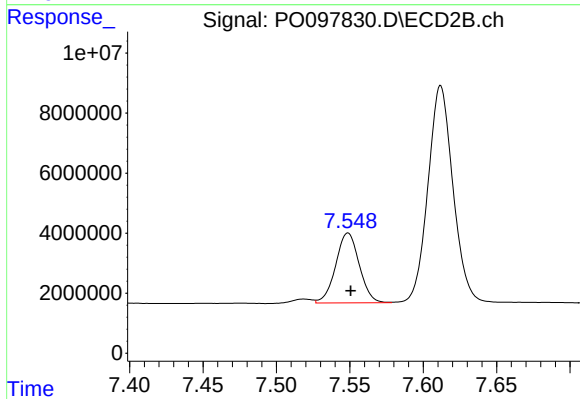
#37 AR-1262-2

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 19686311
Conc: 337.81 ng/ml



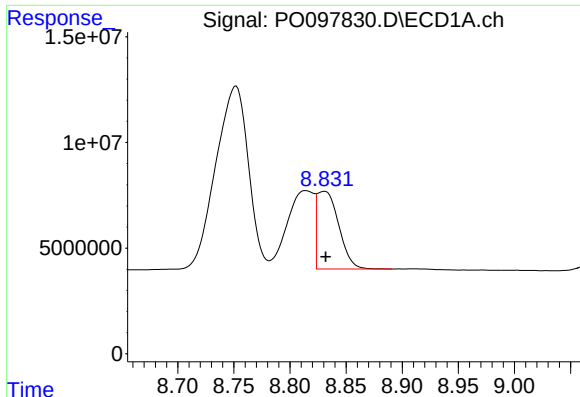
#38 AR-1262-3

R.T.: 8.752 min
Delta R.T.: 0.010 min
Response: 174948202
Conc: 1130.77 ng/ml



#38 AR-1262-3

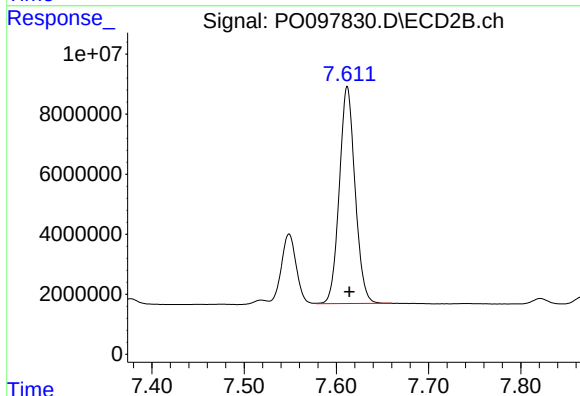
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 26105322
Conc: 598.45 ng/ml



#39 AR-1262-4

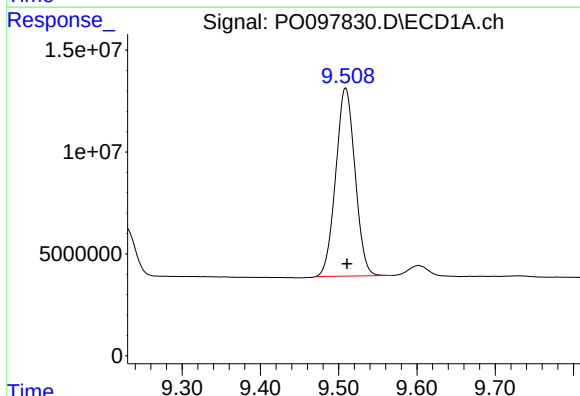
R.T.: 8.830 min
Delta R.T.: -0.002 min
Response: 49744007
Conc: 592.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



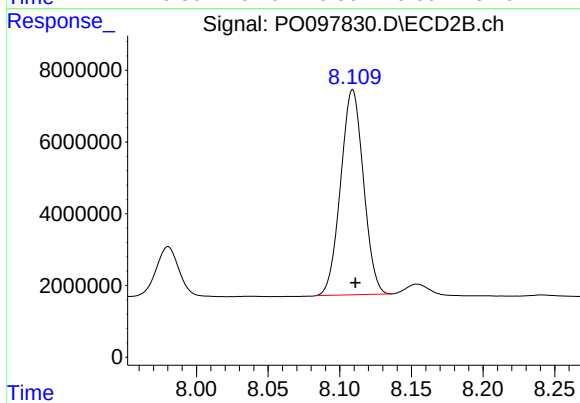
#39 AR-1262-4

R.T.: 7.612 min
Delta R.T.: -0.002 min
Response: 85716771
Conc: 1126.56 ng/ml



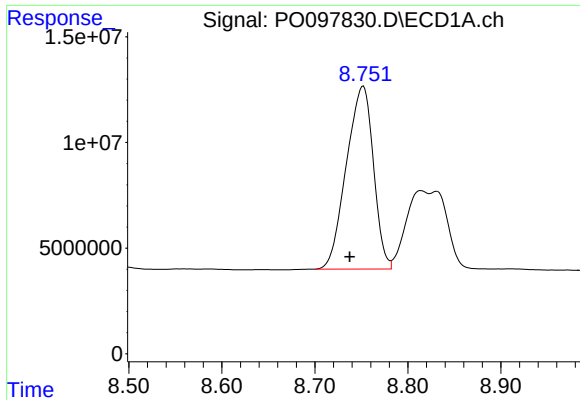
#40 AR-1262-5

R.T.: 9.509 min
Delta R.T.: -0.002 min
Response: 158122102
Conc: 2194.04 ng/ml



#40 AR-1262-5

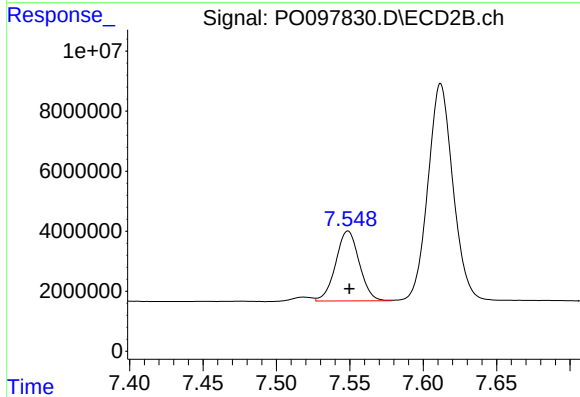
R.T.: 8.109 min
Delta R.T.: -0.002 min
Response: 63339843
Conc: 2018.81 ng/ml



#41 AR-1268-1

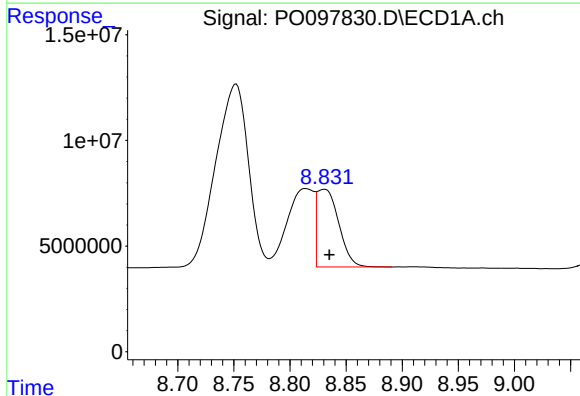
R.T.: 8.752 min
Delta R.T.: 0.014 min
Response: 174948202
Conc: 616.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



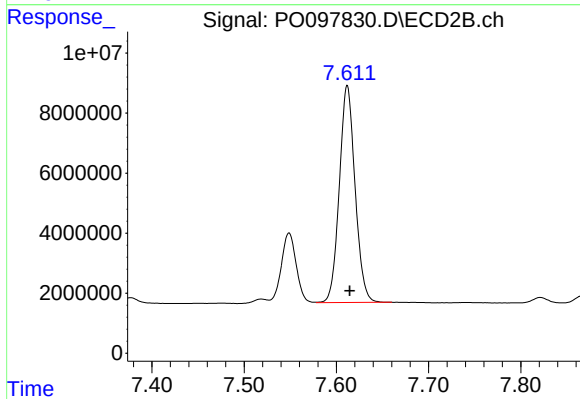
#41 AR-1268-1

R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 26105322
Conc: 198.30 ng/ml



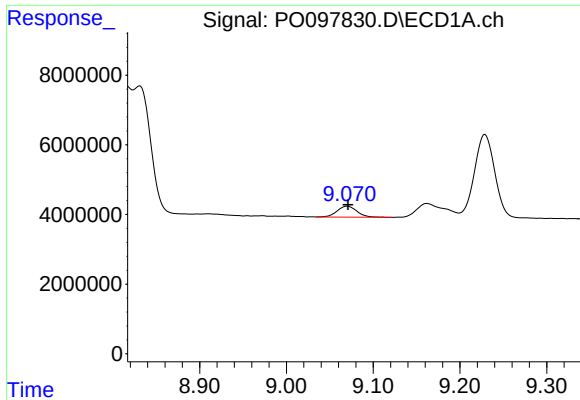
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: -0.005 min
Response: 49744007
Conc: 194.75 ng/ml



#42 AR-1268-2

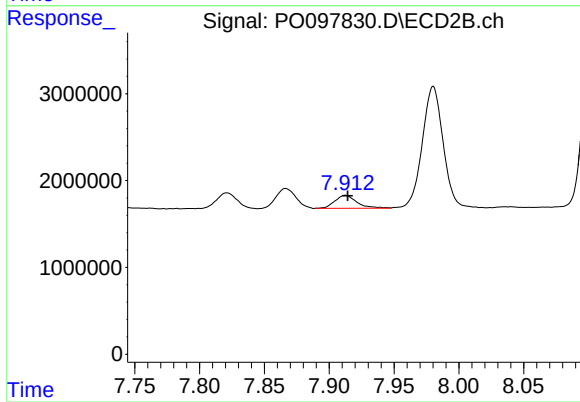
R.T.: 7.612 min
Delta R.T.: -0.003 min
Response: 85716771
Conc: 743.74 ng/ml



#43 AR-1268-3

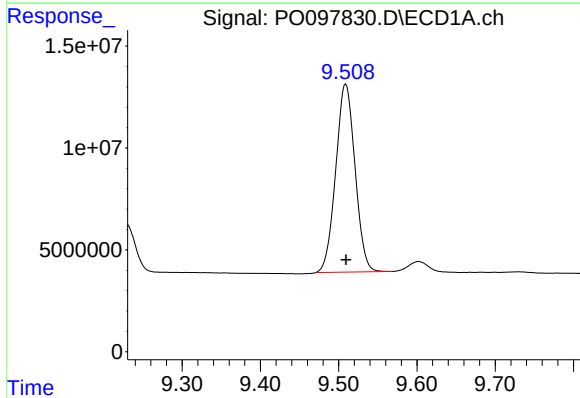
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 4980196
Conc: 22.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



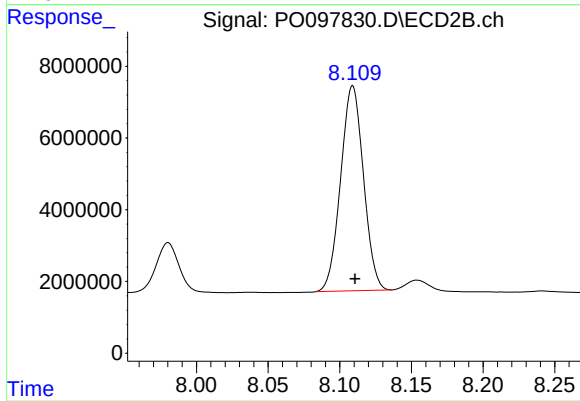
#43 AR-1268-3

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 1772239
Conc: 64.11 ng/ml



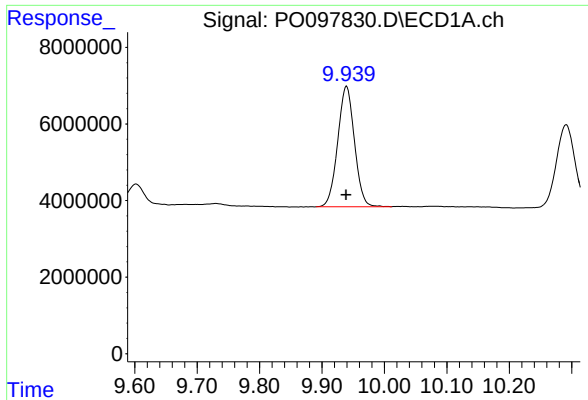
#44 AR-1268-4

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 158122102
Conc: 1934.92 ng/ml



#44 AR-1268-4

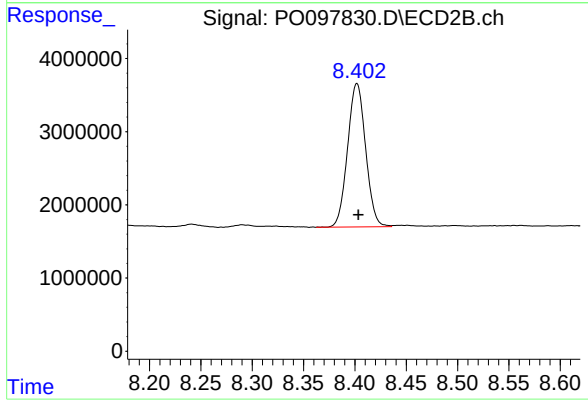
R.T.: 8.109 min
Delta R.T.: -0.002 min
Response: 63339843
Conc: 1798.14 ng/ml



#45 AR-1268-5

R.T.: 9.939 min
Delta R.T.: 0.000 min
Response: 58658540
Conc: 88.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.402 min
Delta R.T.: -0.001 min
Response: 23990093
Conc: 76.52 ng/ml