

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090723\
 Data File : P0097796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2023 19:32
 Operator : YP/AJ
 Sample : 04299-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 01:58:49 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	68186183	16743347	17.115	17.483
2) SA Decachlor...	10.293	8.661	48932952	18282416	26.189	21.398
Target Compounds						
3) L1 AR-1016-1	5.611	4.723	3956644	1416627	36.642	44.044
4) L1 AR-1016-2	5.644	4.723	3796594	1416627	23.461	31.186 #
5) L1 AR-1016-3	5.719	4.918	1503143	3817693	15.096	156.804 #
6) L1 AR-1016-4	5.802	4.967	3610832	6688007	45.791	318.340 #
7) L1 AR-1016-5	6.083	5.153	3123486	6030818	38.047	216.995 #
8) L2 AR-1221-1	4.642	3.847	2919406	1599996	61.276	132.505 #
9) L2 AR-1221-2	4.740	3.921	6480561	2322001	182.388	272.212 #
10) L2 AR-1221-3	4.816	4.002	3133486	524128	30.246	19.559 #
11) L3 AR-1232-1	4.816	4.002	3133486	524128	36.493	23.762 #
12) L3 AR-1232-2	5.373	4.723	6288578	1416627	143.913	69.049 #
13) L3 AR-1232-3	5.644	4.918	3796594	3817693	52.384	351.112 #
14) L3 AR-1232-4	5.802	4.997	3610832	7726258	104.710	711.628 #
15) L3 AR-1232-5	5.896	5.153	15095844	6030818	483.236	497.451
16) L4 AR-1242-1	5.611	4.723	3956644	1416627	42.480	50.480
17) L4 AR-1242-2	5.644	4.723	3796594	1416627	27.061	35.694 #
18) L4 AR-1242-3	5.719	4.918	1503143	3817693	17.368	180.660 #
19) L4 AR-1242-4	5.802	4.997	3610832	7726258	53.241	337.118 #
20) L4 AR-1242-5	6.565	5.523	6206867	9321598	88.206	357.817 #
21) L5 AR-1248-1	5.611	4.723	3956644	1416627	58.311	68.961
22) L5 AR-1248-2	5.896	4.967	15095844	6688007	139.591	219.512 #
23) L5 AR-1248-3	6.083	4.997	3123486	7726258	27.829	242.605 #
24) L5 AR-1248-4	6.485	5.153	9799921	6030818	94.796	161.155 #
25) L5 AR-1248-5	6.565	5.567	6206867	5608034	55.681	168.297 #
26) L6 AR-1254-1	6.485	5.523	9799921	9321598	79.936	171.470 #
27) L6 AR-1254-2	6.705	5.668	13284349	6267174	74.055	130.147 #
28) L6 AR-1254-3	7.075	6.091	20628146	15144326	116.485	204.982 #
29) L6 AR-1254-4	7.361	6.303	7264505	2351437	67.490	59.332
30) L6 AR-1254-5	7.784	6.723	46055481	28642425	383.050	465.047
31) L7 AR-1260-1	7.239	6.205	39463809	14693428	279.253	276.168
32) L7 AR-1260-2	7.495	6.393	70612627	18076931	467.151	288.681 #
33) L7 AR-1260-3	7.863	6.549	40959212	12001969	361.578	208.134 #
34) L7 AR-1260-4	8.091	7.022	35126190	12258428	295.488	261.312
35) L7 AR-1260-5	8.418	7.264	54887135	25903642	268.110	261.321
36) L8 AR-1262-1	7.863	6.815	40959212	7503932	269.400	276.932
37) L8 AR-1262-2	8.418	7.022	54887135	12258428	251.472	210.348
38) L8 AR-1262-3	8.747	7.549	34515597	8490027	223.090	194.629
39) L8 AR-1262-4	8.833	7.613	23213970	17426173	276.318	229.029
40) L8 AR-1262-5	9.510	8.110	10830671	3686232	150.282	117.490
41) L9 AR-1268-1	8.747	7.549	34515597	8490027	121.617	64.490 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090723\
 Data File : P0097796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2023 19:32
 Operator : YP/AJ
 Sample : 04299-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 01:58:49 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

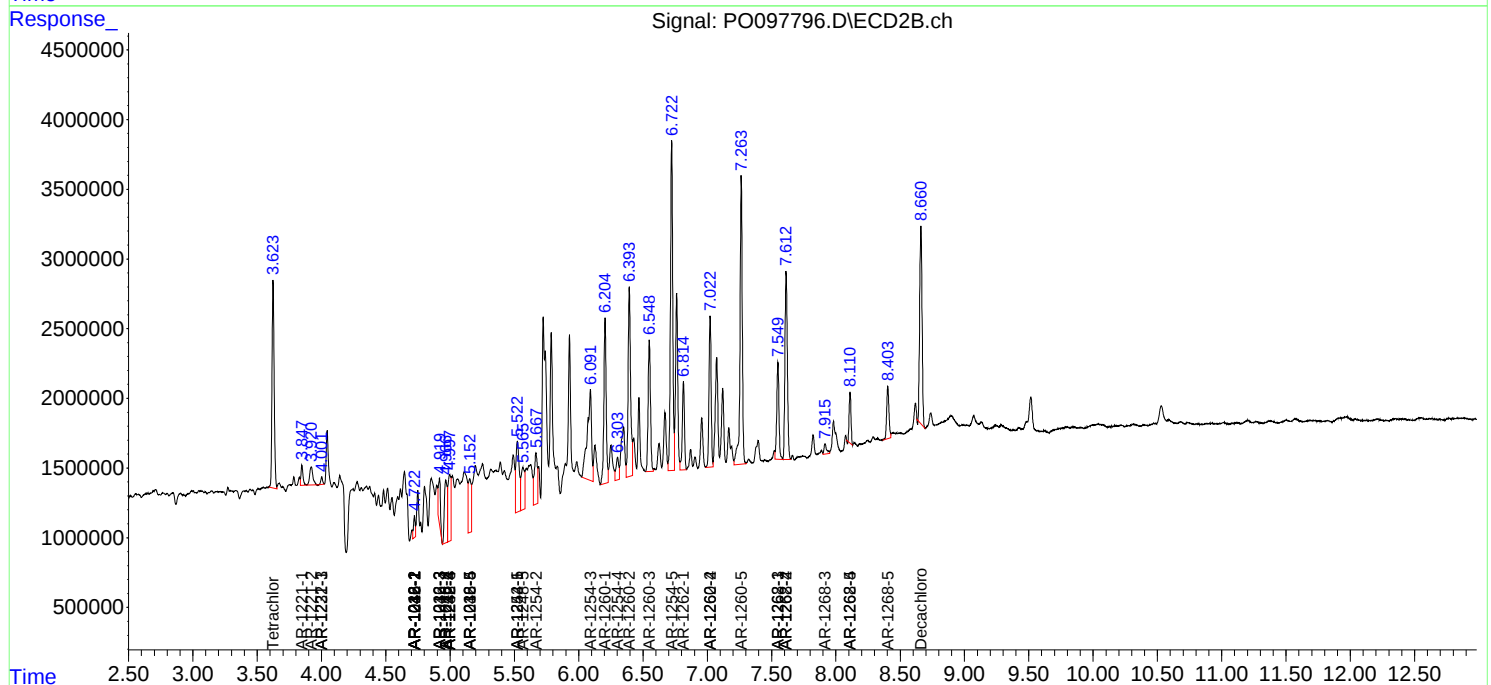
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

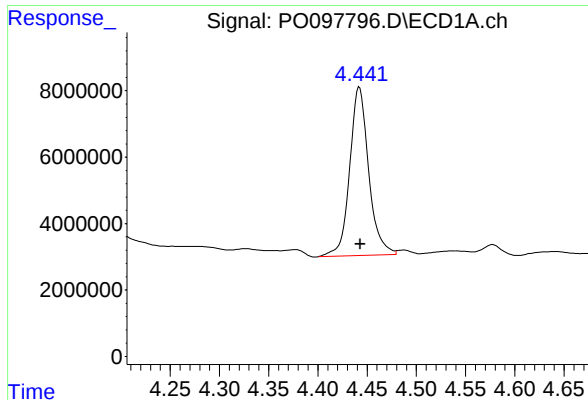
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.833	7.613	23213970	17426173	90.885	151.201 #
43) L9	AR-1268-3	9.071	7.916	3060776	1014658	13.697	36.703 #
44) L9	AR-1268-4	9.510	8.110	10830671	3686232	132.533	104.647
45) L9	AR-1268-5	9.941	8.403	11400133	4673570	17.186	14.907

(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

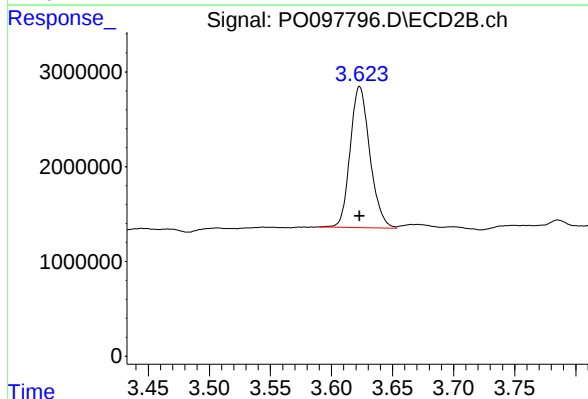




#1 Tetrachloro-m-xylene

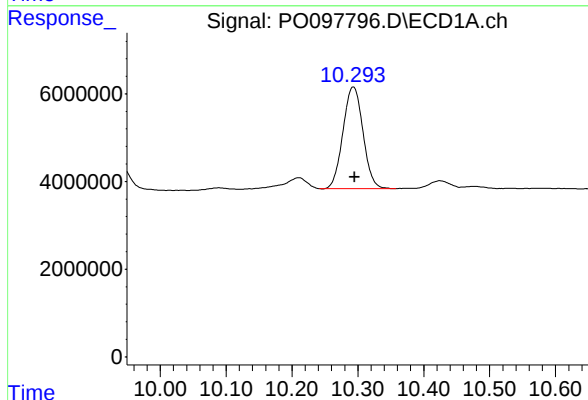
R.T.: 4.442 min
Delta R.T.: 0.000 min
Response: 68186183
Conc: 17.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



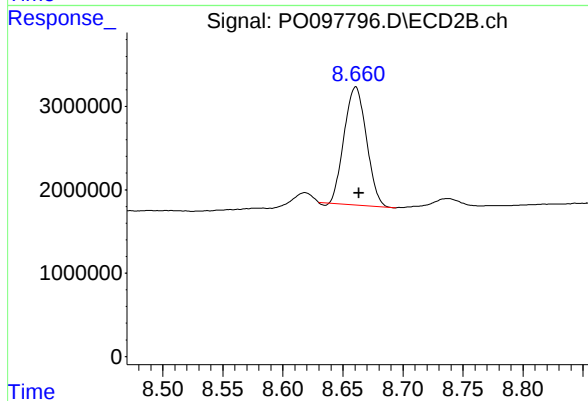
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 16743347
Conc: 17.48 ng/ml



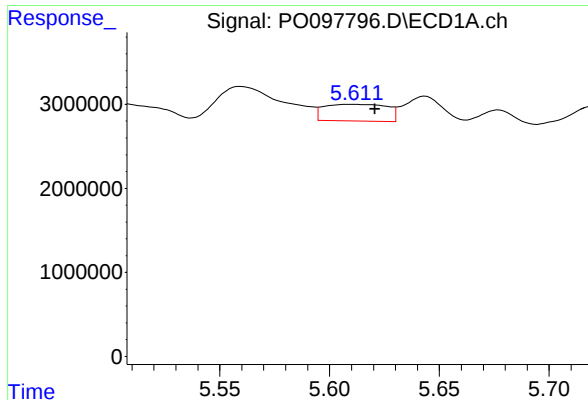
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: -0.002 min
Response: 48932952
Conc: 26.19 ng/ml



#2 Decachlorobiphenyl

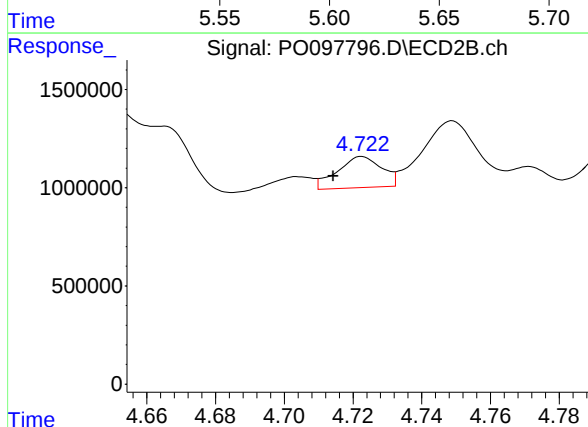
R.T.: 8.661 min
Delta R.T.: -0.003 min
Response: 18282416
Conc: 21.40 ng/ml



#3 AR-1016-1

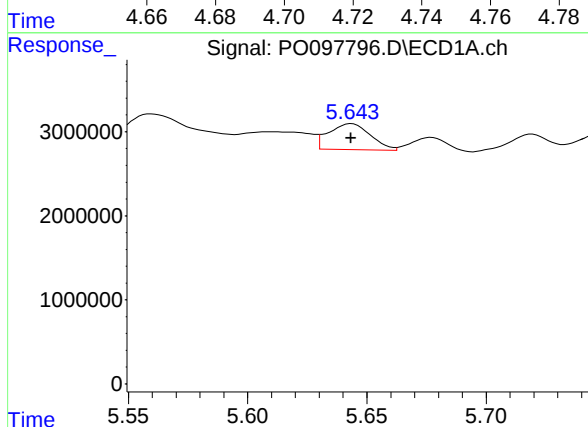
R.T.: 5.611 min
Delta R.T.: -0.010 min
Response: 3956644
Conc: 36.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



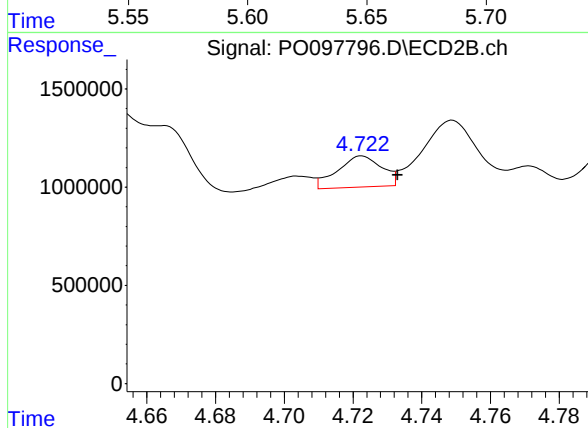
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.008 min
Response: 1416627
Conc: 44.04 ng/ml



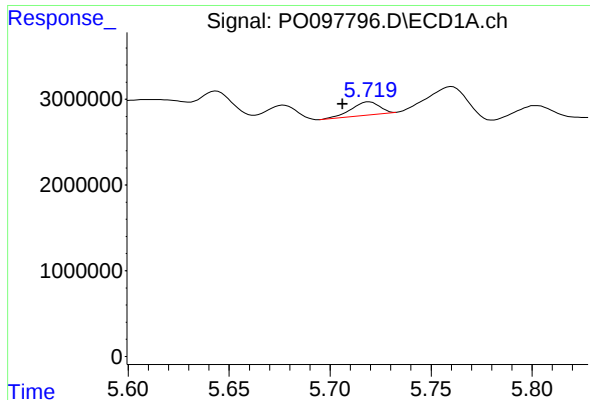
#4 AR-1016-2

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 3796594
Conc: 23.46 ng/ml



#4 AR-1016-2

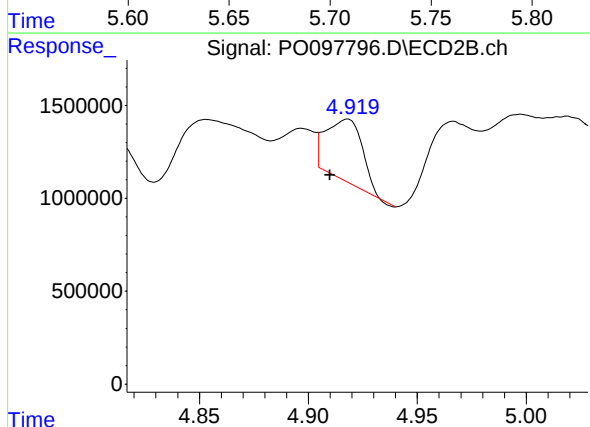
R.T.: 4.723 min
Delta R.T.: -0.010 min
Response: 1416627
Conc: 31.19 ng/ml



#5 AR-1016-3

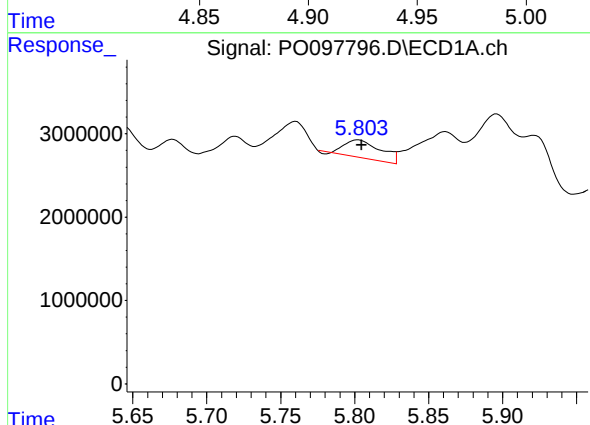
R.T.: 5.719 min
Delta R.T.: 0.013 min
Response: 1503143
Conc: 15.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



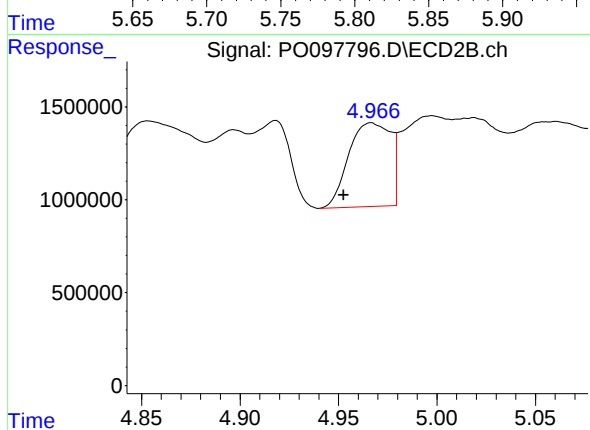
#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: 0.008 min
Response: 3817693
Conc: 156.80 ng/ml



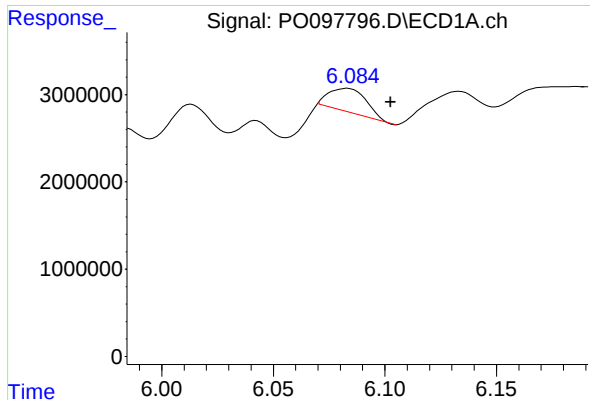
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 3610832
Conc: 45.79 ng/ml



#6 AR-1016-4

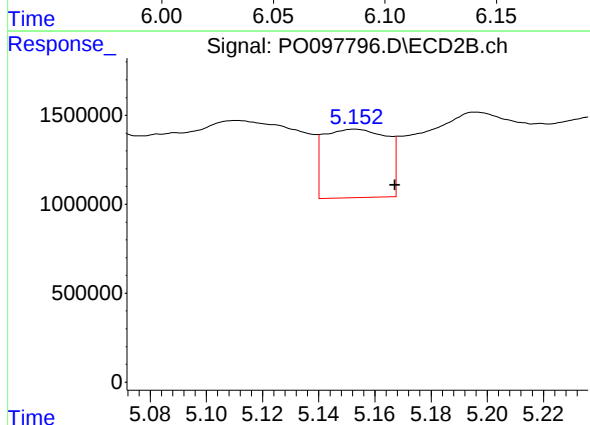
R.T.: 4.967 min
Delta R.T.: 0.014 min
Response: 6688007
Conc: 318.34 ng/ml



#7 AR-1016-5

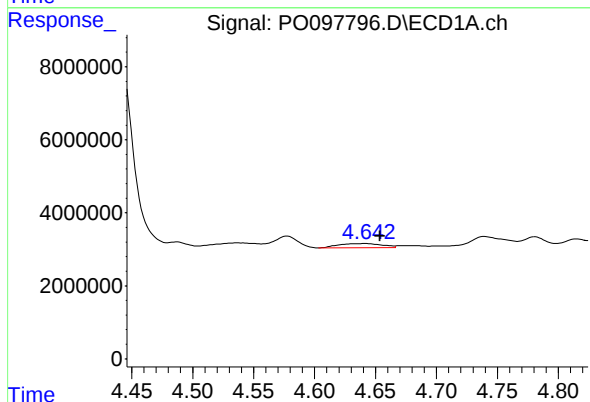
R.T.: 6.083 min
Delta R.T.: -0.019 min
Response: 3123486
Conc: 38.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



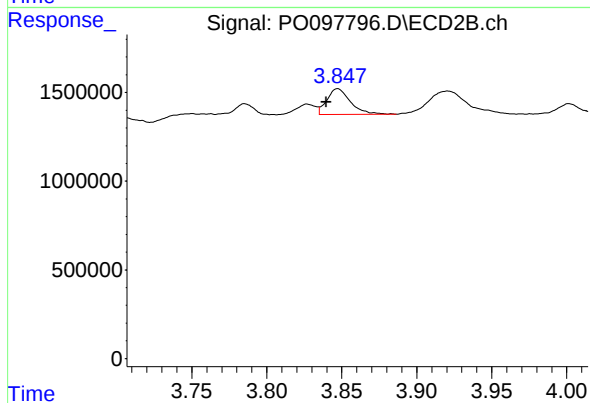
#7 AR-1016-5

R.T.: 5.153 min
Delta R.T.: -0.014 min
Response: 6030818
Conc: 217.00 ng/ml



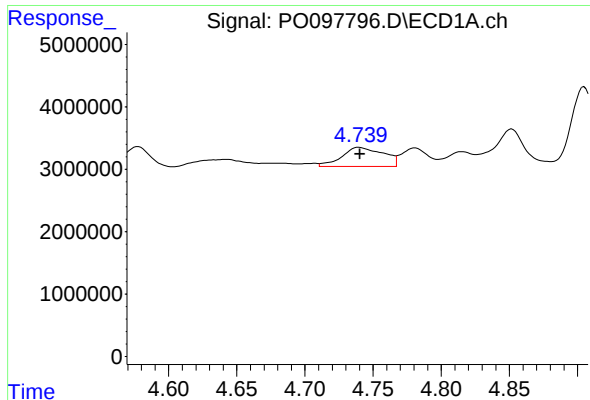
#8 AR-1221-1

R.T.: 4.642 min
Delta R.T.: -0.011 min
Response: 2919406
Conc: 61.28 ng/ml



#8 AR-1221-1

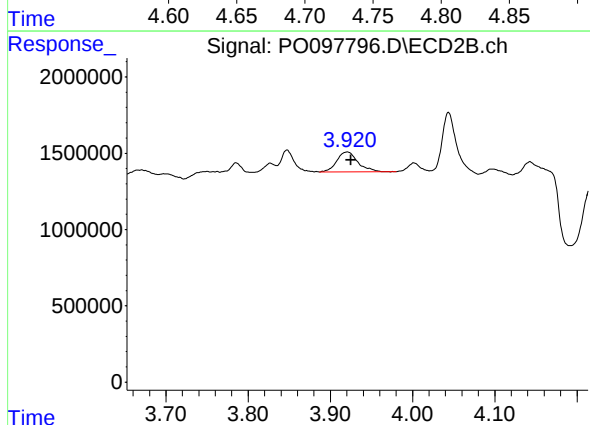
R.T.: 3.847 min
Delta R.T.: 0.008 min
Response: 1599996
Conc: 132.51 ng/ml



#9 AR-1221-2

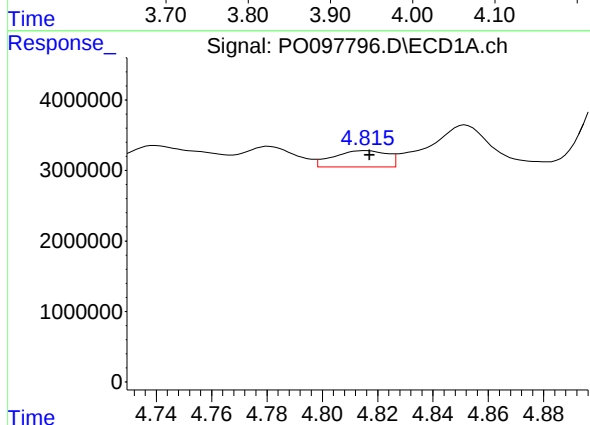
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 6480561
Conc: 182.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



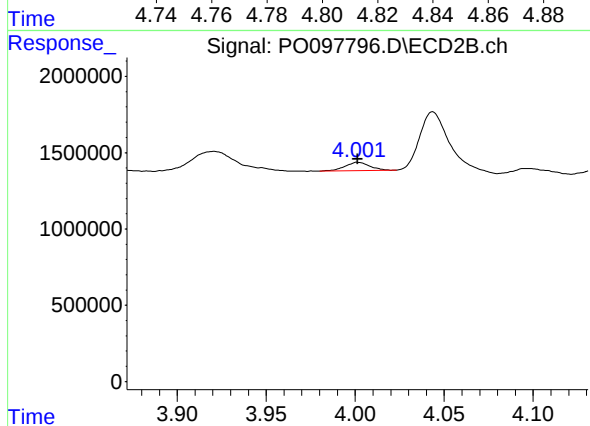
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.005 min
Response: 2322001
Conc: 272.21 ng/ml



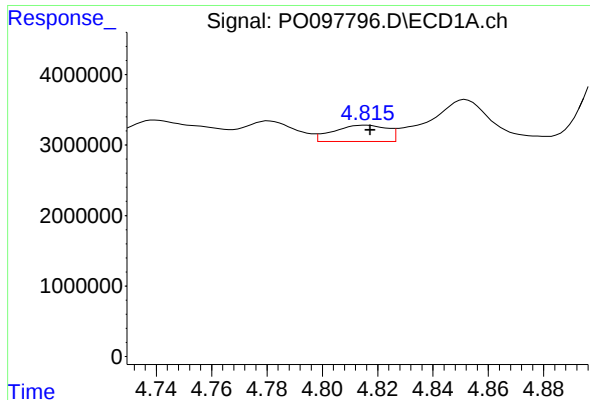
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: -0.001 min
Response: 3133486
Conc: 30.25 ng/ml



#10 AR-1221-3

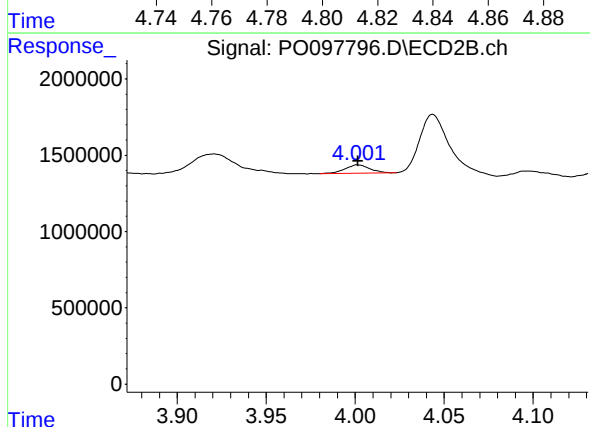
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 524128
Conc: 19.56 ng/ml



#11 AR-1232-1

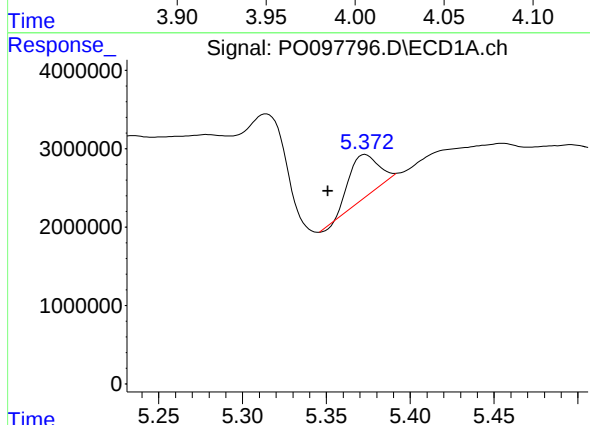
R.T.: 4.816 min
Delta R.T.: -0.002 min
Response: 3133486
Conc: 36.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



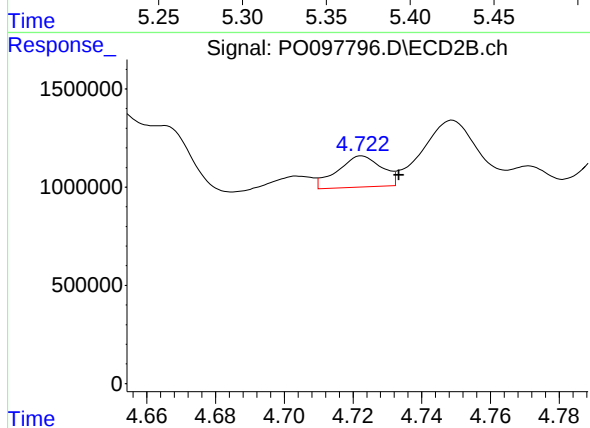
#11 AR-1232-1

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 524128
Conc: 23.76 ng/ml



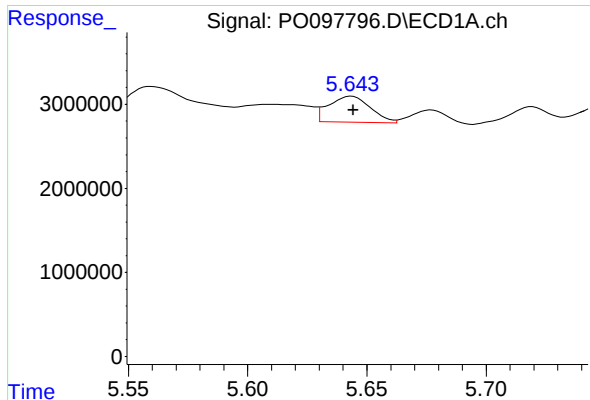
#12 AR-1232-2

R.T.: 5.373 min
Delta R.T.: 0.022 min
Response: 6288578
Conc: 143.91 ng/ml



#12 AR-1232-2

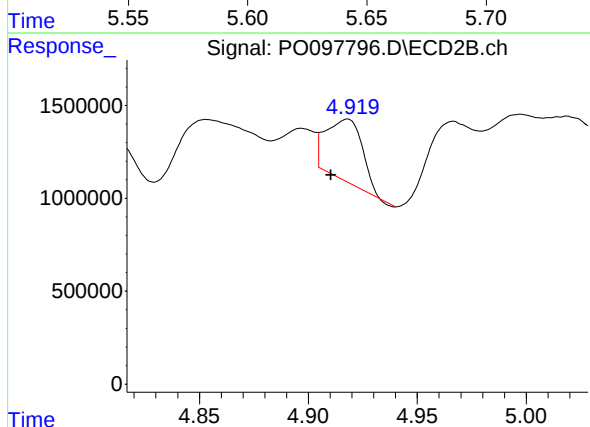
R.T.: 4.723 min
Delta R.T.: -0.011 min
Response: 1416627
Conc: 69.05 ng/ml



#13 AR-1232-3

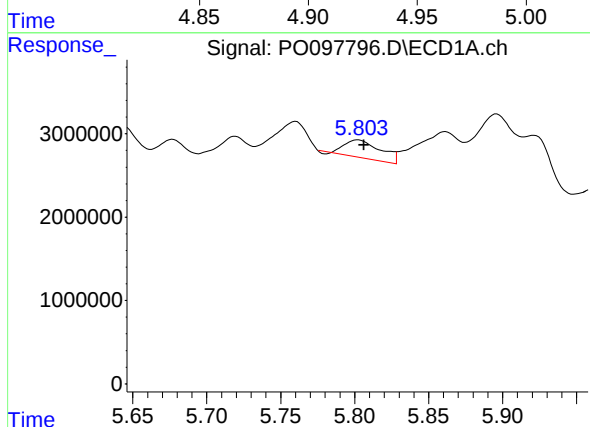
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 3796594
Conc: 52.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



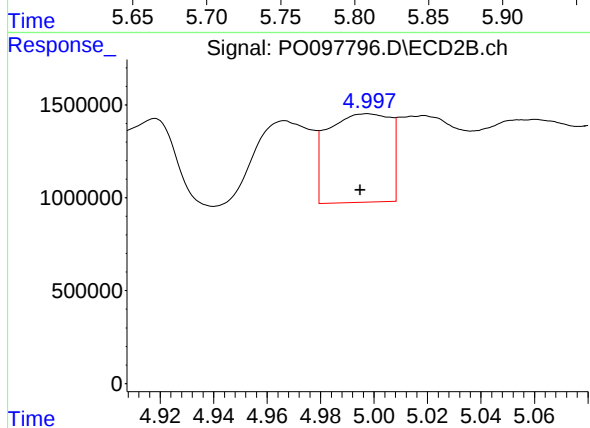
#13 AR-1232-3

R.T.: 4.918 min
Delta R.T.: 0.008 min
Response: 3817693
Conc: 351.11 ng/ml



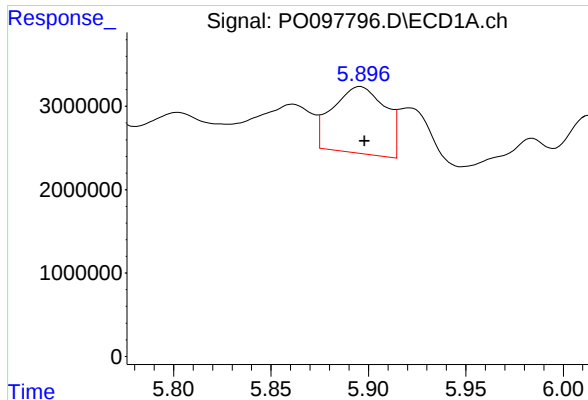
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 3610832
Conc: 104.71 ng/ml



#14 AR-1232-4

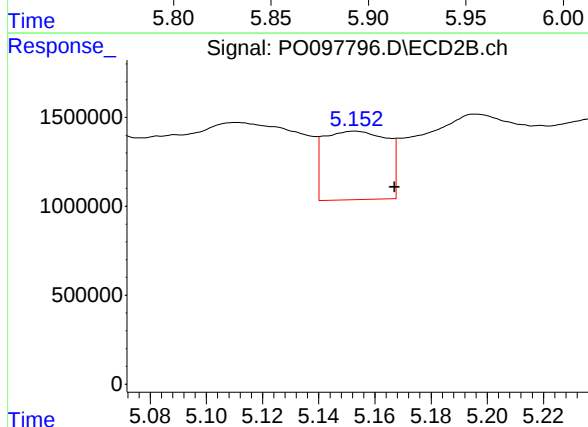
R.T.: 4.997 min
Delta R.T.: 0.003 min
Response: 7726258
Conc: 711.63 ng/ml



#15 AR-1232-5

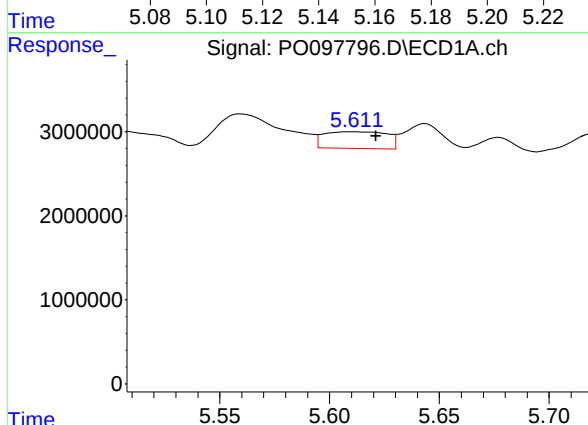
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 15095844
Conc: 483.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



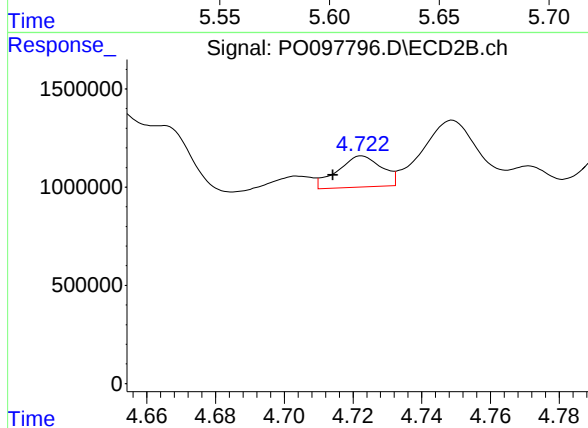
#15 AR-1232-5

R.T.: 5.153 min
Delta R.T.: -0.014 min
Response: 6030818
Conc: 497.45 ng/ml



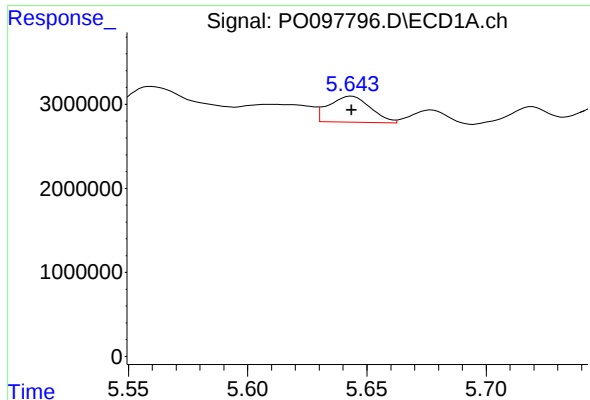
#16 AR-1242-1

R.T.: 5.611 min
Delta R.T.: -0.010 min
Response: 3956644
Conc: 42.48 ng/ml



#16 AR-1242-1

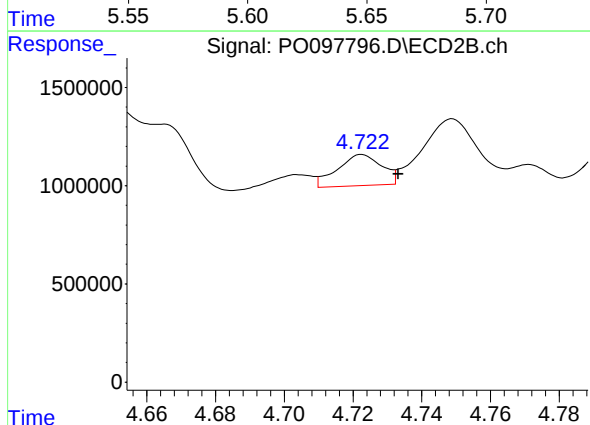
R.T.: 4.723 min
Delta R.T.: 0.008 min
Response: 1416627
Conc: 50.48 ng/ml



#17 AR-1242-2

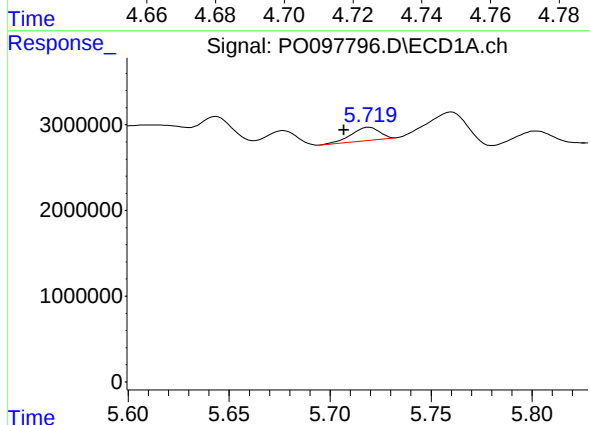
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 3796594
Conc: 27.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



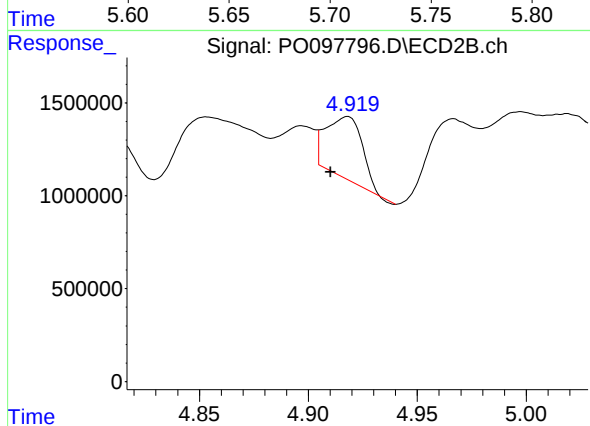
#17 AR-1242-2

R.T.: 4.723 min
Delta R.T.: -0.011 min
Response: 1416627
Conc: 35.69 ng/ml



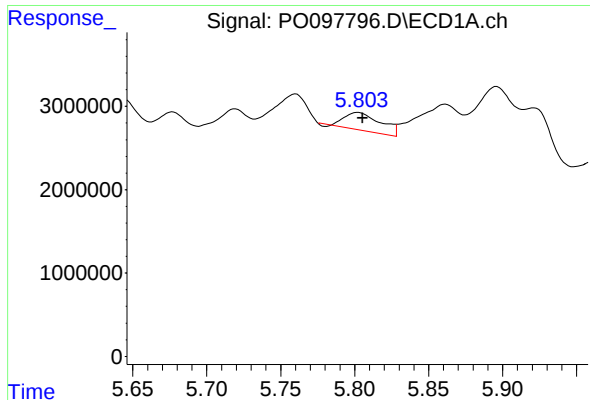
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.012 min
Response: 1503143
Conc: 17.37 ng/ml



#18 AR-1242-3

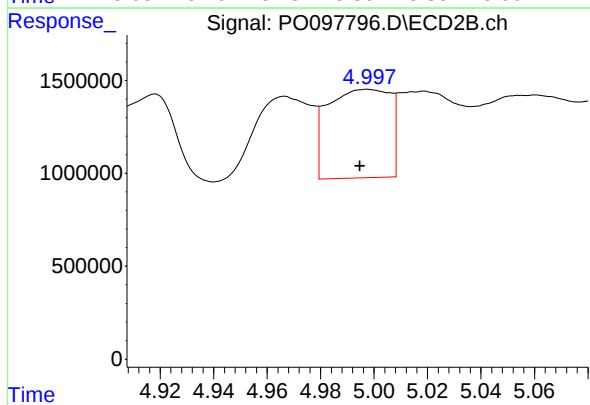
R.T.: 4.918 min
Delta R.T.: 0.008 min
Response: 3817693
Conc: 180.66 ng/ml



#19 AR-1242-4

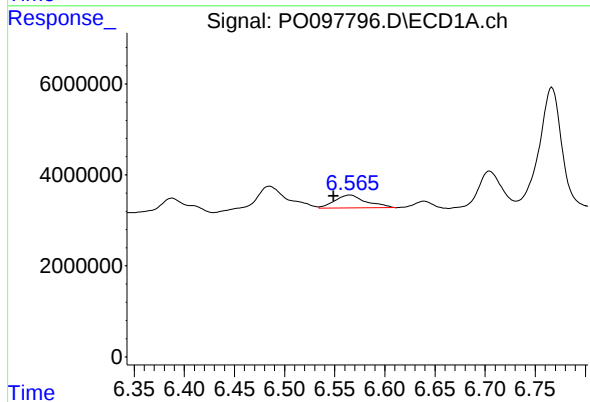
R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 3610832
Conc: 53.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



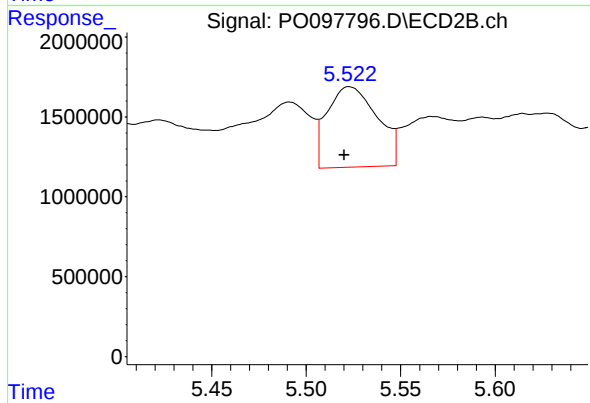
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: 0.003 min
Response: 7726258
Conc: 337.12 ng/ml



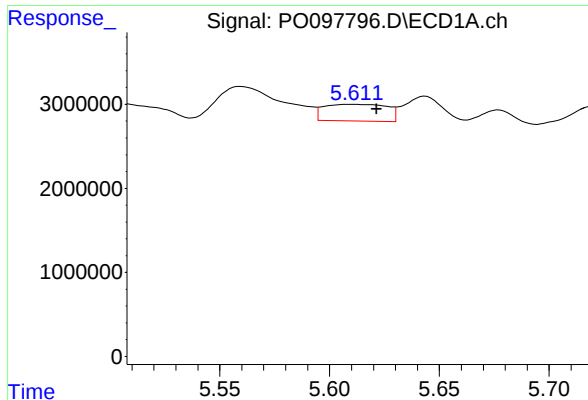
#20 AR-1242-5

R.T.: 6.565 min
Delta R.T.: 0.016 min
Response: 6206867
Conc: 88.21 ng/ml



#20 AR-1242-5

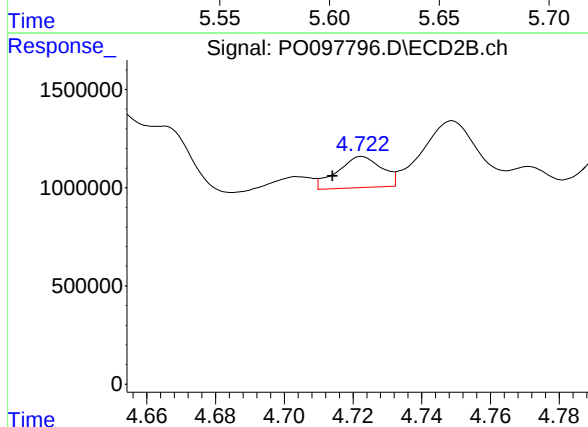
R.T.: 5.523 min
Delta R.T.: 0.003 min
Response: 9321598
Conc: 357.82 ng/ml



#21 AR-1248-1

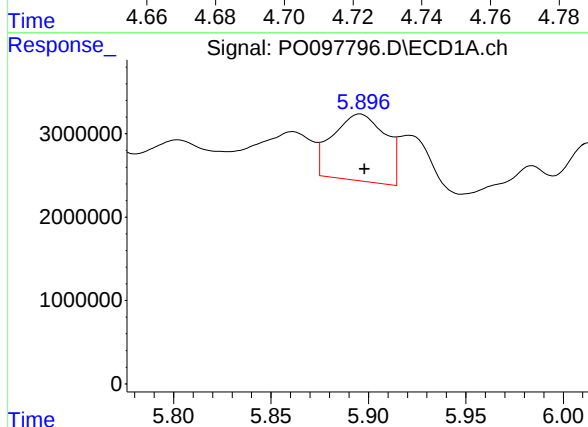
R.T.: 5.611 min
Delta R.T.: -0.011 min
Response: 3956644
Conc: 58.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



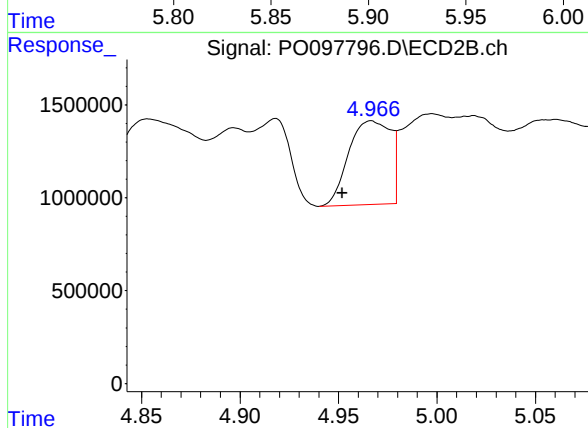
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: 0.009 min
Response: 1416627
Conc: 68.96 ng/ml



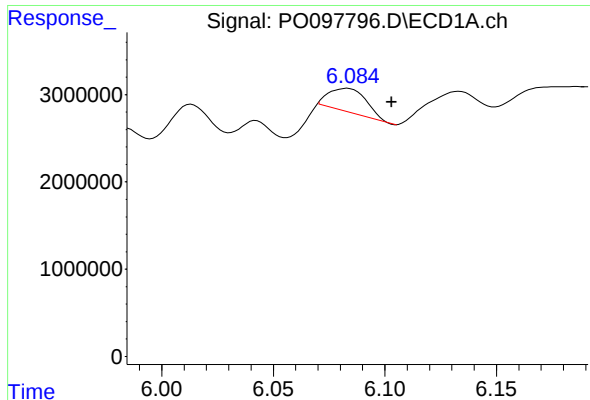
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 15095844
Conc: 139.59 ng/ml



#22 AR-1248-2

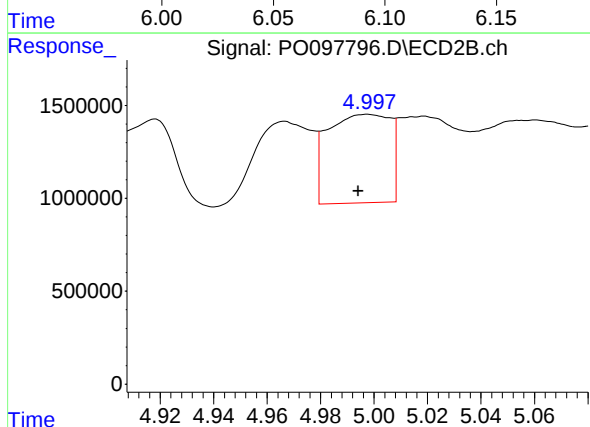
R.T.: 4.967 min
Delta R.T.: 0.015 min
Response: 6688007
Conc: 219.51 ng/ml



#23 AR-1248-3

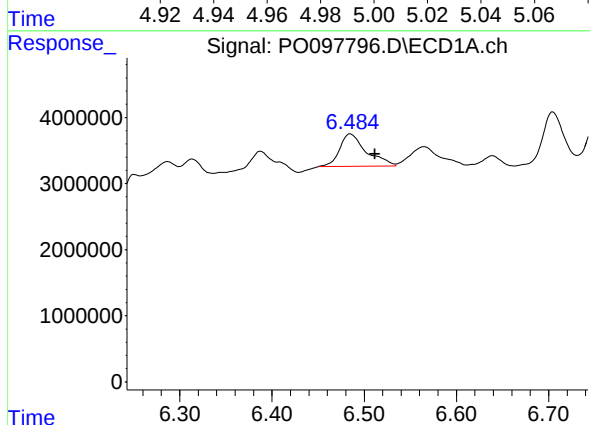
R.T.: 6.083 min
Delta R.T.: -0.020 min
Response: 3123486
Conc: 27.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



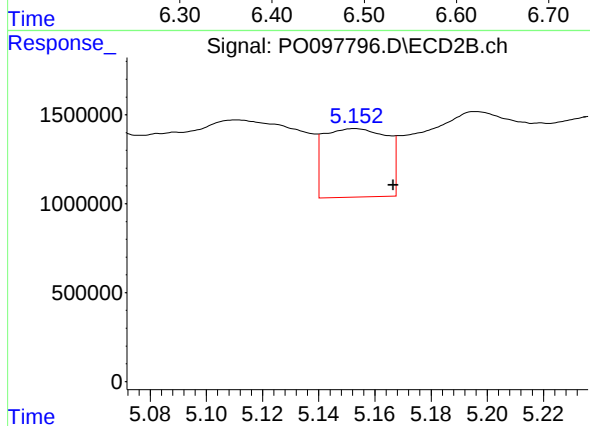
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: 0.003 min
Response: 7726258
Conc: 242.61 ng/ml



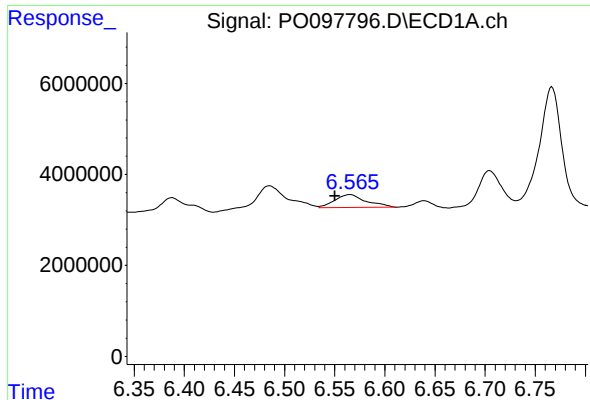
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: -0.027 min
Response: 9799921
Conc: 94.80 ng/ml



#24 AR-1248-4

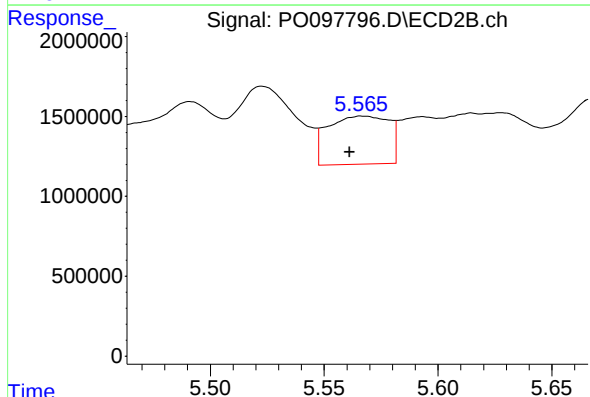
R.T.: 5.153 min
Delta R.T.: -0.014 min
Response: 6030818
Conc: 161.15 ng/ml



#25 AR-1248-5

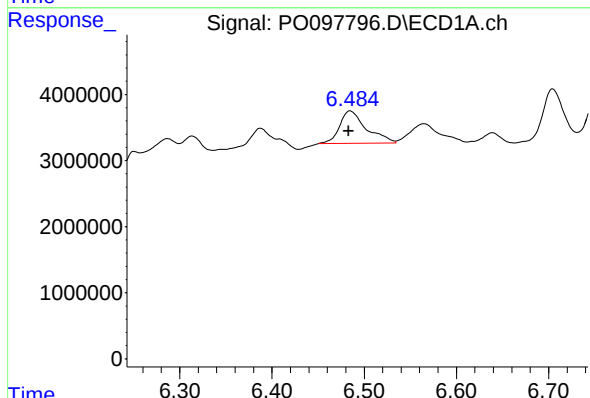
R.T.: 6.565 min
Delta R.T.: 0.015 min
Response: 6206867
Conc: 55.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



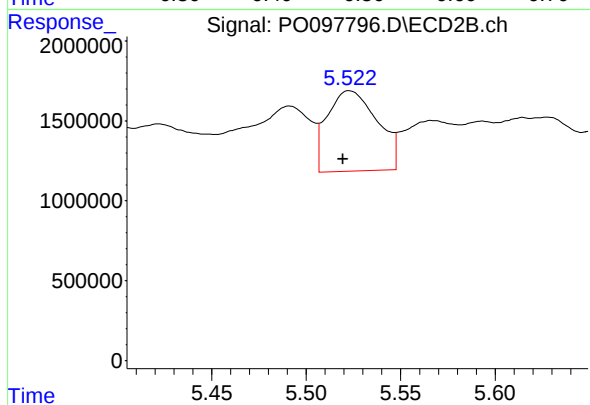
#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.006 min
Response: 5608034
Conc: 168.30 ng/ml



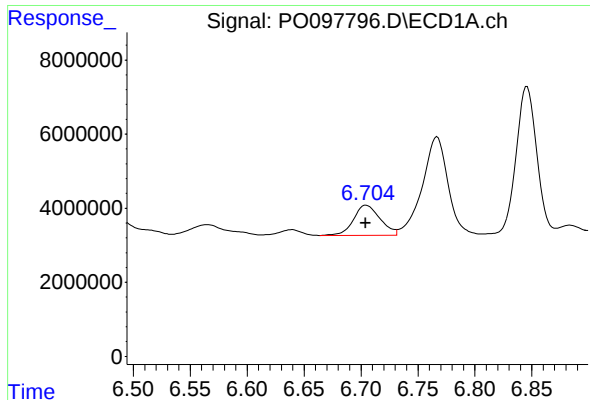
#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: 0.002 min
Response: 9799921
Conc: 79.94 ng/ml



#26 AR-1254-1

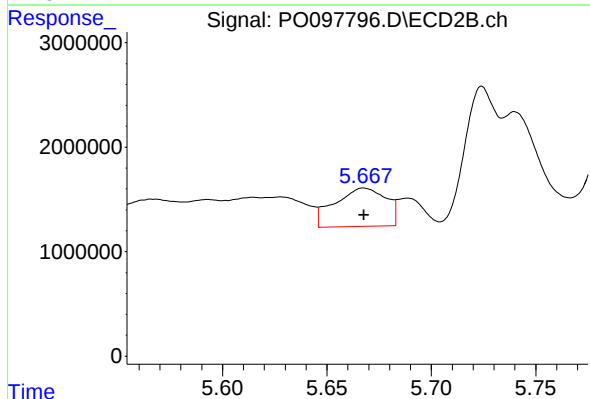
R.T.: 5.523 min
Delta R.T.: 0.003 min
Response: 9321598
Conc: 171.47 ng/ml



#27 AR-1254-2

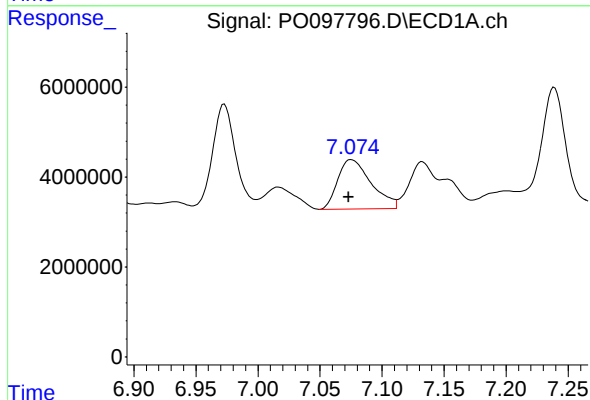
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 13284349
Conc: 74.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



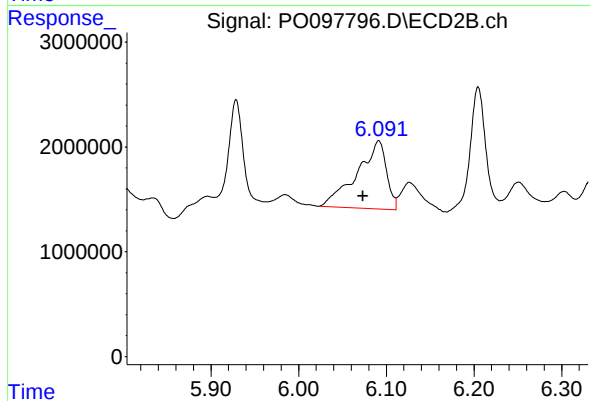
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 6267174
Conc: 130.15 ng/ml



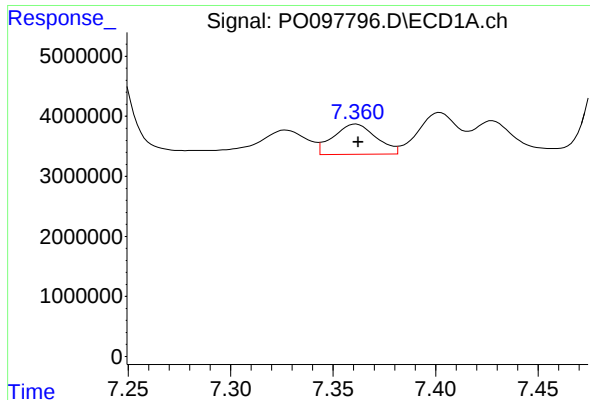
#28 AR-1254-3

R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 20628146
Conc: 116.49 ng/ml



#28 AR-1254-3

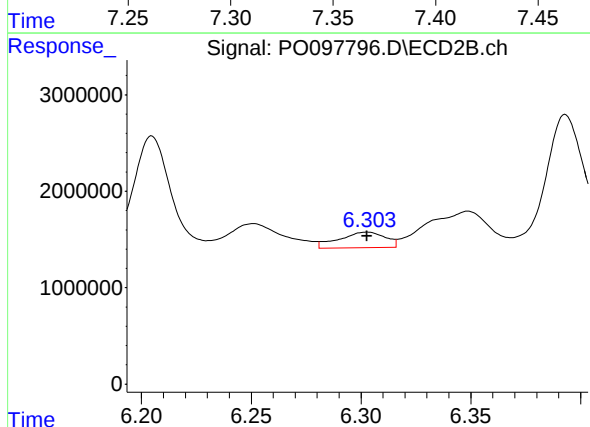
R.T.: 6.091 min
Delta R.T.: 0.018 min
Response: 15144326
Conc: 204.98 ng/ml



#29 AR-1254-4

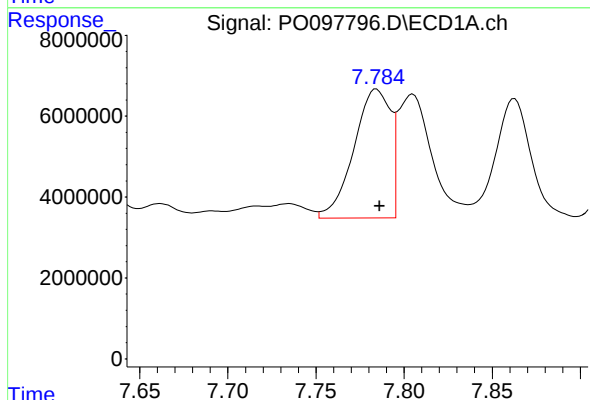
R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 7264505
Conc: 67.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



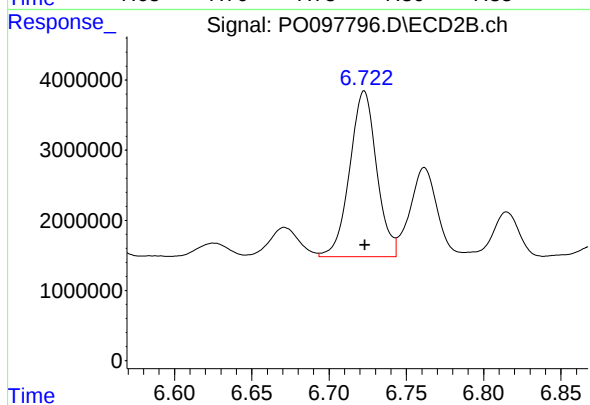
#29 AR-1254-4

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 2351437
Conc: 59.33 ng/ml



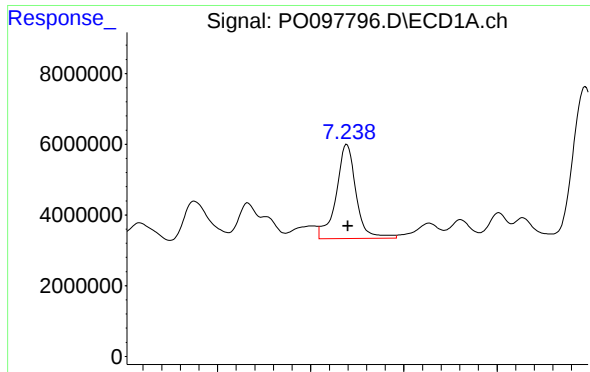
#30 AR-1254-5

R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 46055481
Conc: 383.05 ng/ml



#30 AR-1254-5

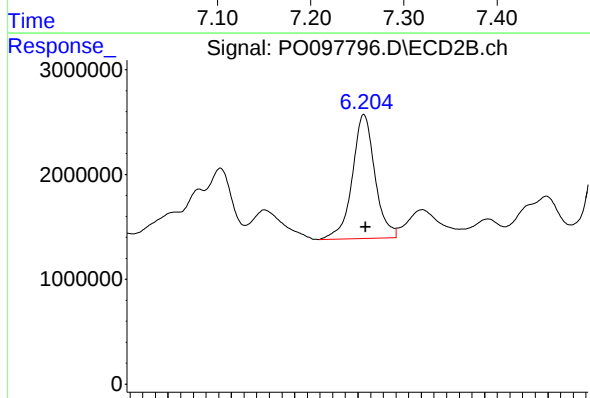
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 28642425
Conc: 465.05 ng/ml



#31 AR-1260-1

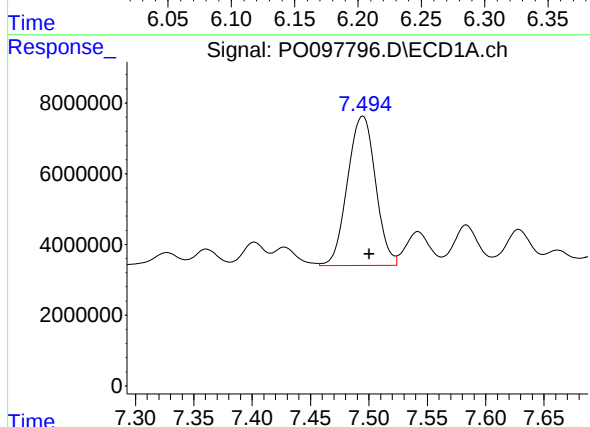
R.T.: 7.239 min
Delta R.T.: -0.001 min
Response: 39463809
Conc: 279.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



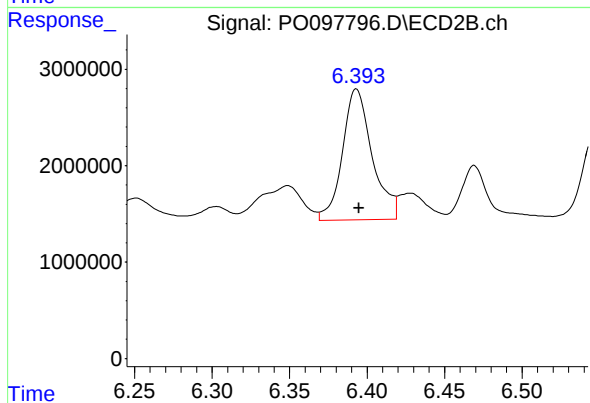
#31 AR-1260-1

R.T.: 6.205 min
Delta R.T.: -0.001 min
Response: 14693428
Conc: 276.17 ng/ml



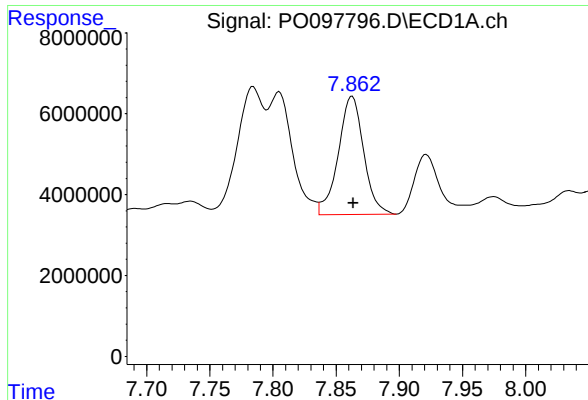
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: -0.006 min
Response: 70612627
Conc: 467.15 ng/ml



#32 AR-1260-2

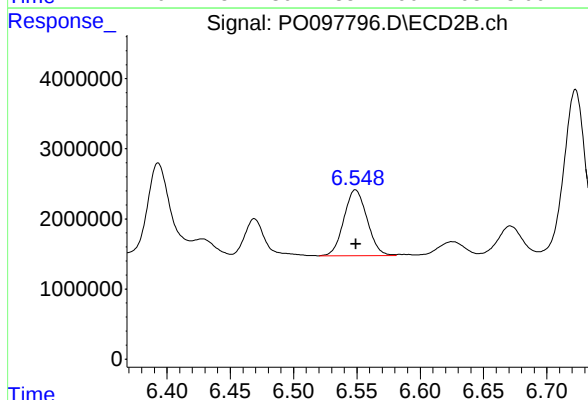
R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 18076931
Conc: 288.68 ng/ml



#33 AR-1260-3

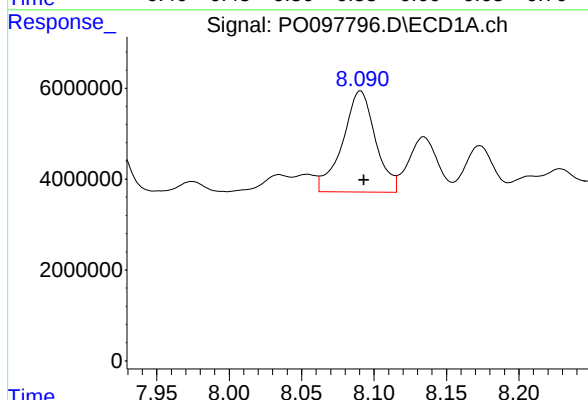
R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 40959212
Conc: 361.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



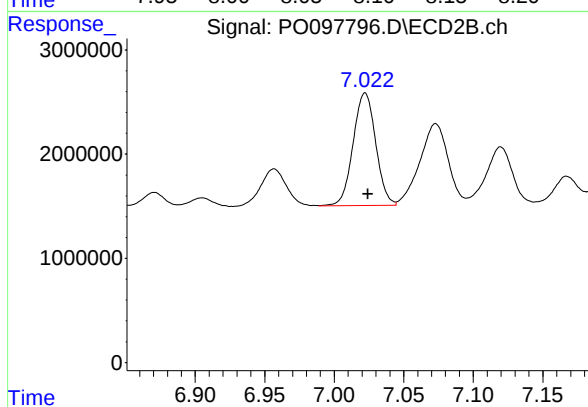
#33 AR-1260-3

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 12001969
Conc: 208.13 ng/ml



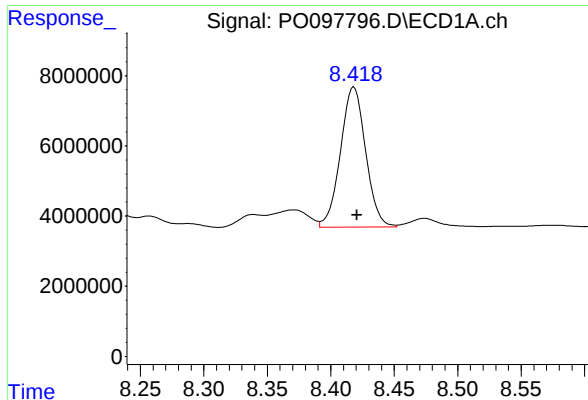
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 35126190
Conc: 295.49 ng/ml



#34 AR-1260-4

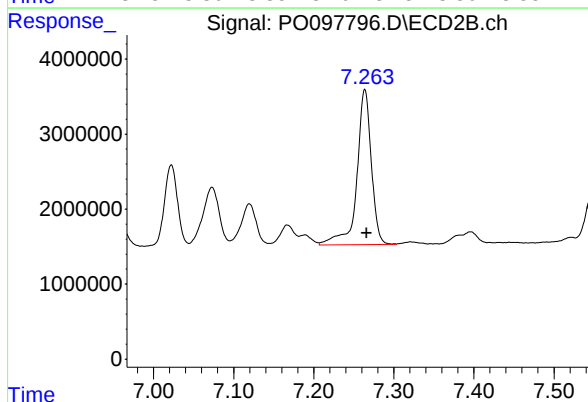
R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 12258428
Conc: 261.31 ng/ml



#35 AR-1260-5

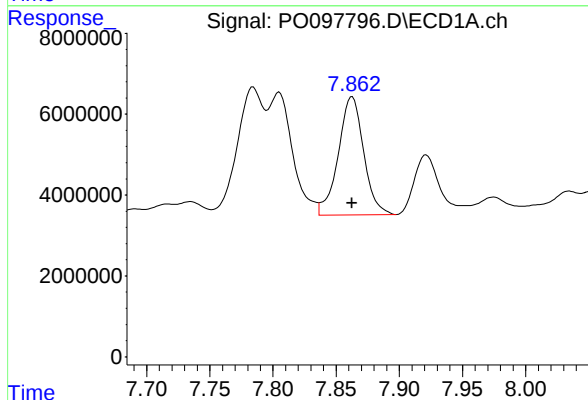
R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 54887135
Conc: 268.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



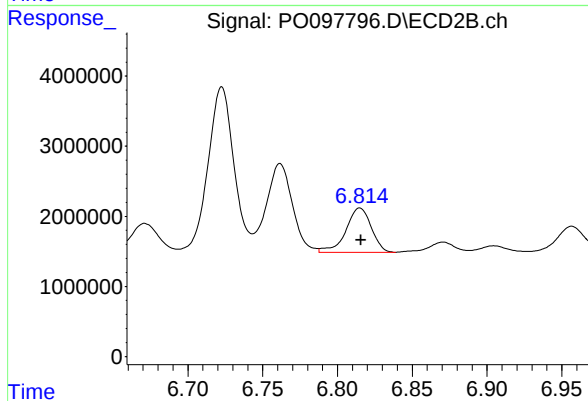
#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: -0.002 min
Response: 25903642
Conc: 261.32 ng/ml



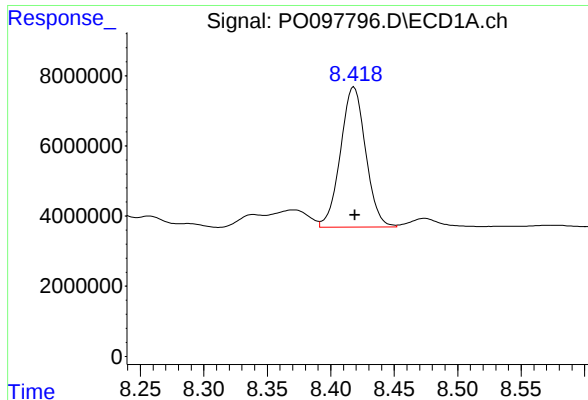
#36 AR-1262-1

R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 40959212
Conc: 269.40 ng/ml



#36 AR-1262-1

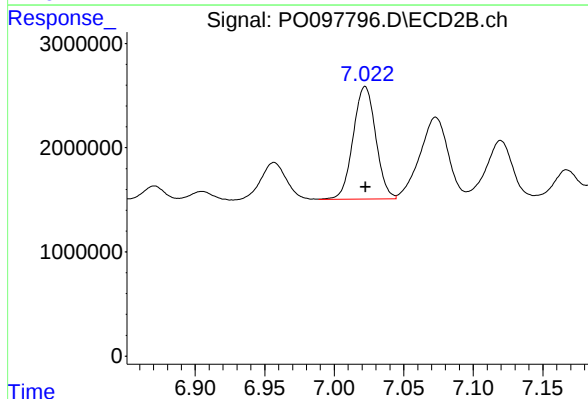
R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 7503932
Conc: 276.93 ng/ml



#37 AR-1262-2

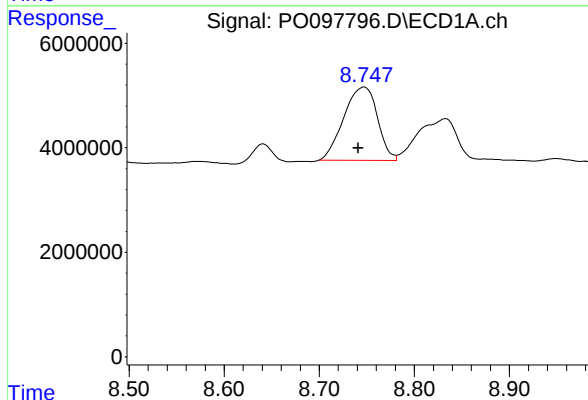
R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 54887135
Conc: 251.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



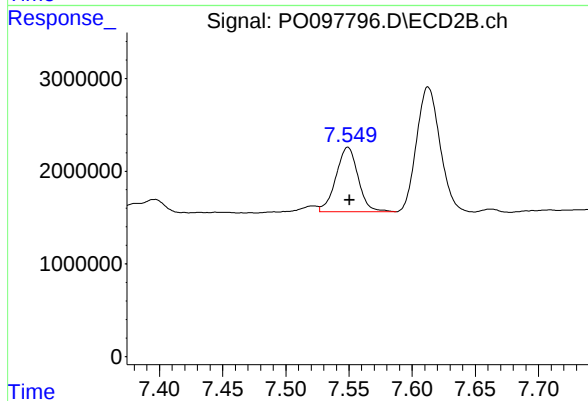
#37 AR-1262-2

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 12258428
Conc: 210.35 ng/ml



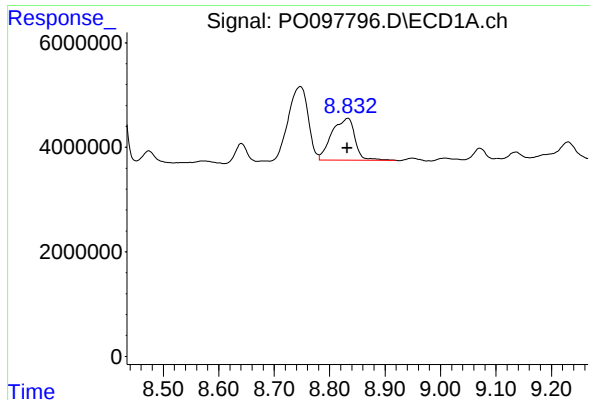
#38 AR-1262-3

R.T.: 8.747 min
Delta R.T.: 0.006 min
Response: 34515597
Conc: 223.09 ng/ml



#38 AR-1262-3

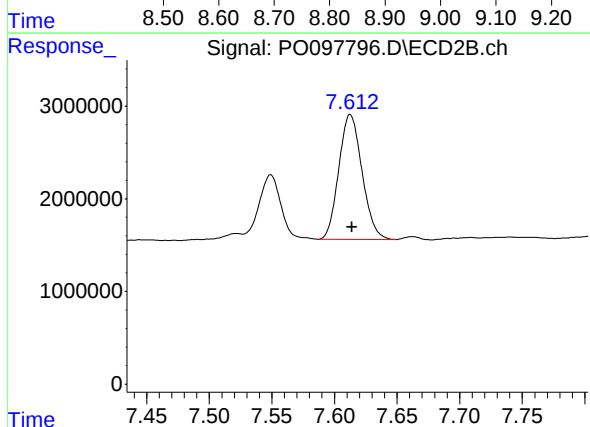
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 8490027
Conc: 194.63 ng/ml



#39 AR-1262-4

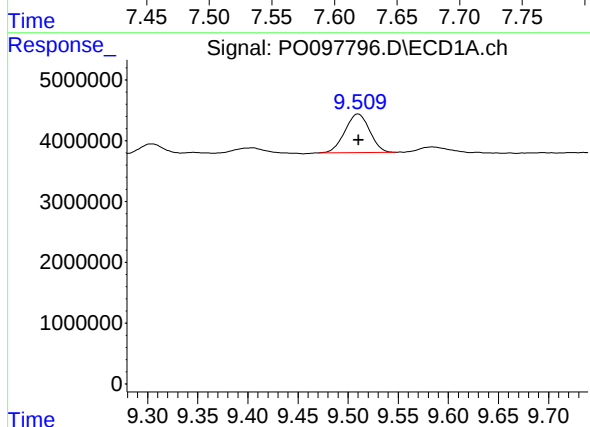
R.T.: 8.833 min
Delta R.T.: 0.000 min
Response: 23213970
Conc: 276.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



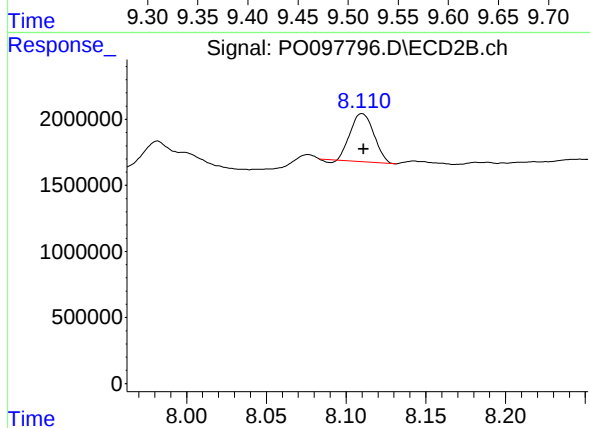
#39 AR-1262-4

R.T.: 7.613 min
Delta R.T.: -0.001 min
Response: 17426173
Conc: 229.03 ng/ml



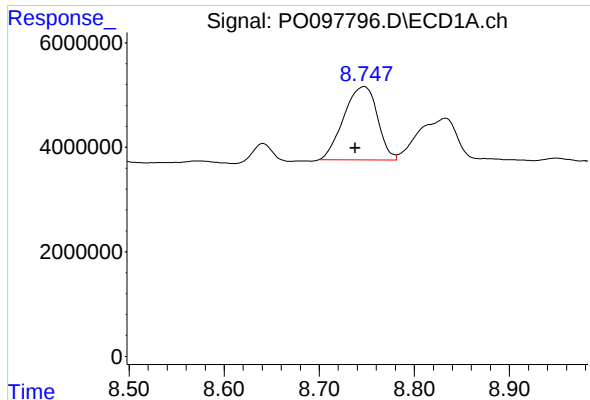
#40 AR-1262-5

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 10830671
Conc: 150.28 ng/ml



#40 AR-1262-5

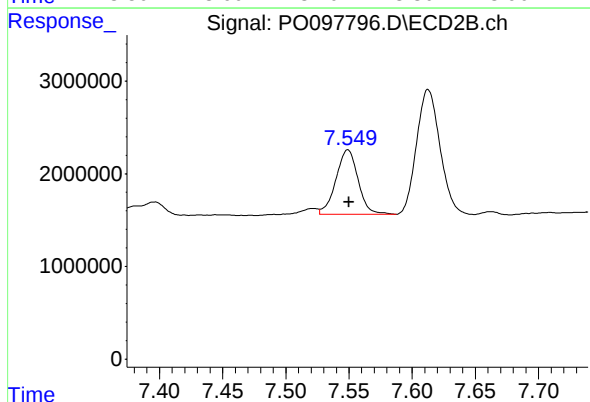
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 3686232
Conc: 117.49 ng/ml



#41 AR-1268-1

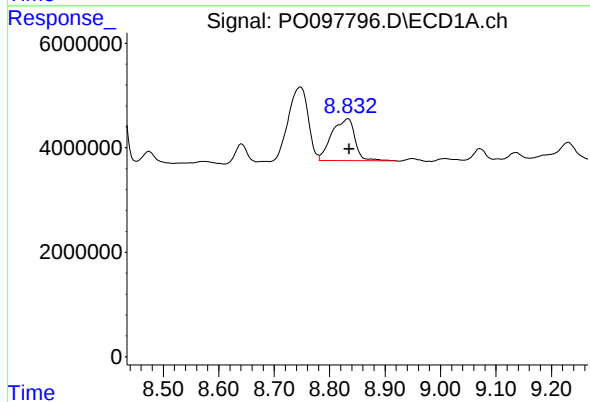
R.T.: 8.747 min
Delta R.T.: 0.009 min
Response: 34515597
Conc: 121.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



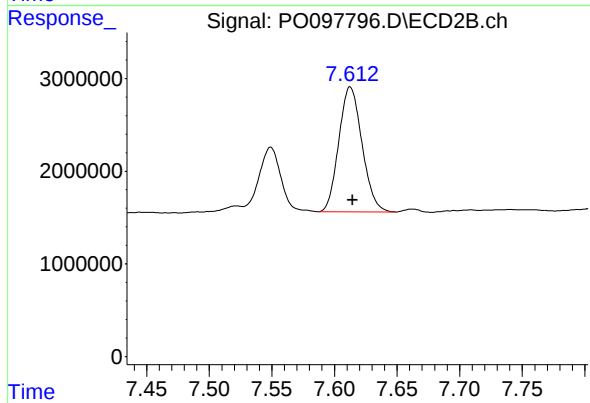
#41 AR-1268-1

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 8490027
Conc: 64.49 ng/ml



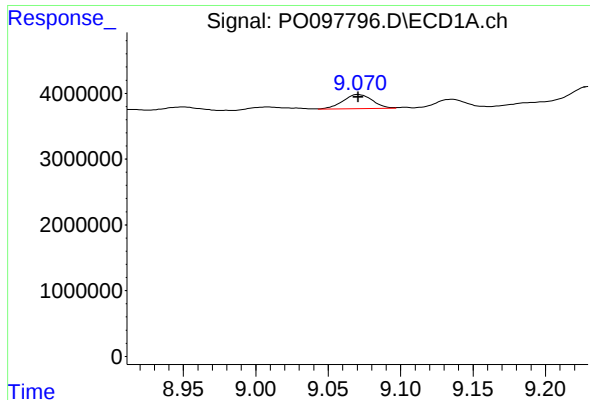
#42 AR-1268-2

R.T.: 8.833 min
Delta R.T.: -0.002 min
Response: 23213970
Conc: 90.89 ng/ml



#42 AR-1268-2

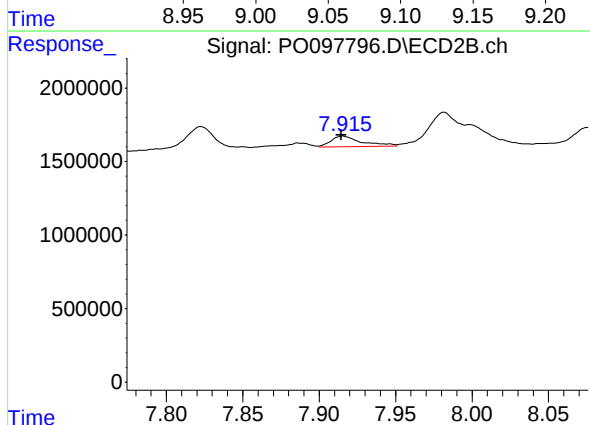
R.T.: 7.613 min
Delta R.T.: -0.002 min
Response: 17426173
Conc: 151.20 ng/ml



#43 AR-1268-3

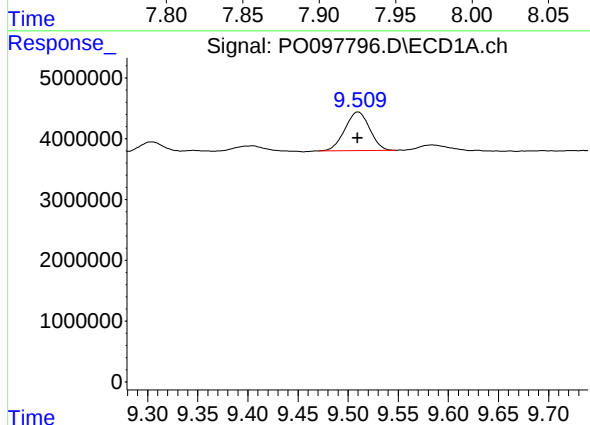
R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 3060776
Conc: 13.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



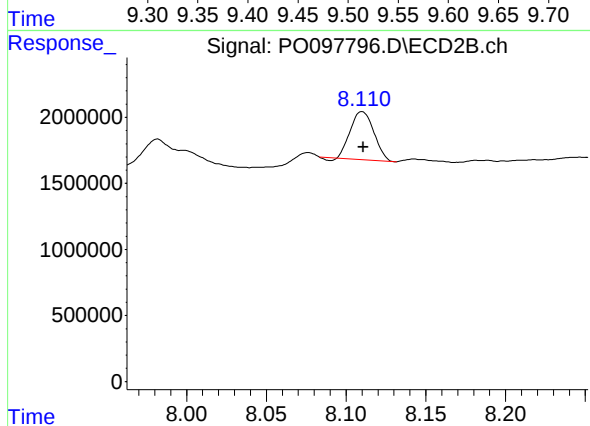
#43 AR-1268-3

R.T.: 7.916 min
Delta R.T.: 0.001 min
Response: 1014658
Conc: 36.70 ng/ml



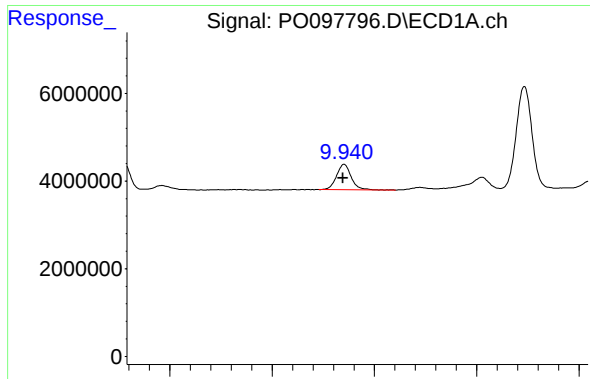
#44 AR-1268-4

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 10830671
Conc: 132.53 ng/ml



#44 AR-1268-4

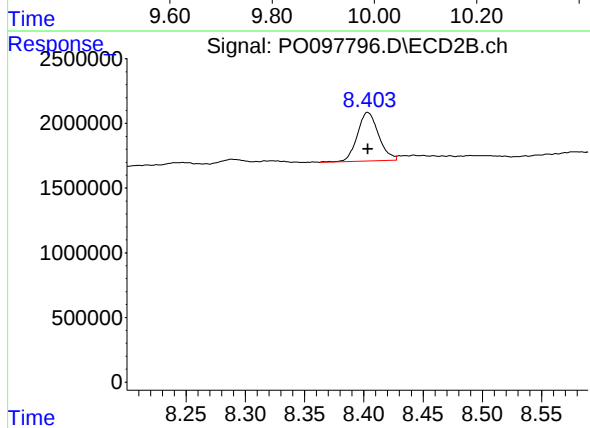
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 3686232
Conc: 104.65 ng/ml



#45 AR-1268-5

R.T.: 9.941 min
Delta R.T.: 0.002 min
Response: 11400133
Conc: 17.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 4673570
Conc: 14.91 ng/ml