

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092123\
 Data File : PP060100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 14:54
 Operator : YP\AJ
 Sample : 04521-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 00:51:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.510	3.667	33543061	25424840	16.124	15.609
2) SA Decachlor...	10.430	8.739	32790446	30789815	21.497	20.334
Target Compounds						
3) L1 AR-1016-1	5.697	4.767	7235815	5740441	107.237	95.490
4) L1 AR-1016-2	5.720	4.786	10644750	8407582	111.276	101.294
5) L1 AR-1016-3	5.784	4.964	6902968	5344856	115.971	119.148
6) L1 AR-1016-4	5.883	5.006	5322726	3733307	108.702	105.823
7) L1 AR-1016-5	6.183	5.222	29360128	5293129	597.140	113.839 #
8) L2 AR-1221-1	4.717	3.894	622129	506836	23.403	23.075
9) L2 AR-1221-2	4.815	3.970	961548	944481	48.852	61.175 #
10) L2 AR-1221-3	4.886	4.048	3440440	2563253	60.233	54.650
11) L3 AR-1232-1	4.886	4.048	3440440	2563253	73.743	67.430
12) L3 AR-1232-2	5.425	4.786	7523341	8407582	296.209	228.014
13) L3 AR-1232-3	5.720	4.964	10644750	5344856	246.387	266.929
14) L3 AR-1232-4	5.883	5.048	5322726	4466835	240.816	244.536
15) L3 AR-1232-5	5.975	5.222	4369626	5293129	238.187	264.006
16) L4 AR-1242-1	5.697	4.767	7235815	5740441	121.151	109.007
17) L4 AR-1242-2	5.720	4.786	10644750	8407582	126.667	116.680
18) L4 AR-1242-3	5.784	4.964	6902968	5344856	131.984	136.580
19) L4 AR-1242-4	5.883	5.048	5322726	4466835	123.520	113.981
20) L4 AR-1242-5	6.630	5.578	6265869	4509258	137.050	93.205 #
21) L5 AR-1248-1	5.697	4.767	7235815	5740441	161.887	146.917
22) L5 AR-1248-2	5.975	5.006	4369626	3733307	67.470	68.901
23) L5 AR-1248-3	6.183	5.048	29360128	4466835	414.559	78.504 #
24) L5 AR-1248-4	6.592	5.222	5501155	5293129	71.126	78.810
25) L5 AR-1248-5	6.630	5.618	6265869	3719922	83.278	56.393 #
26) L6 AR-1254-1	6.564	5.578	4748191	4509258	59.474	44.932
27) L6 AR-1254-2	6.787	5.726	9046759	1563265	75.533	17.994 #
28) L6 AR-1254-3	7.164	6.133	6971103	1911386	57.384	13.614 #
29) L6 AR-1254-4	7.445	6.362	1496811	1318231	16.831	15.660
30) L6 AR-1254-5	7.868	6.785	2715014	1970100	27.911	16.609 #
31) L7 AR-1260-1	7.323	6.266	724708	1607100	8.040	17.259 #
32) L7 AR-1260-2	7.569	6.454	14045739	1028281	136.914	9.379 #
33) L7 AR-1260-3	7.944	6.609	629570	1027008	7.994	9.985
34) L7 AR-1260-4	8.149f	7.084	2882873	700560	32.168	8.412 #
36) L8 AR-1262-1	7.944	6.878	629570	170512	5.440	3.378 #
37) L8 AR-1262-2	8.510	7.084	-997939	700560	N.D.	6.201 #
38) L8 AR-1262-3	8.845	7.615	1118355	598947	7.766	6.833
39) L8 AR-1262-4	8.924	7.677	1954550	1319390	17.212	8.079 #
41) L9 AR-1268-1	8.845	7.615	1118355	598947	4.460	2.300 #
42) L9 AR-1268-2	8.924	7.677	1954550	1319390	8.516	5.707 #
43) L9 AR-1268-3	9.178	7.889	663346	685407	3.362	3.357

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 00:51:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 19 09:22:53 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
45) L9	AR-1268-5	10.065	8.476	1648809	1425407	2.724	2.257

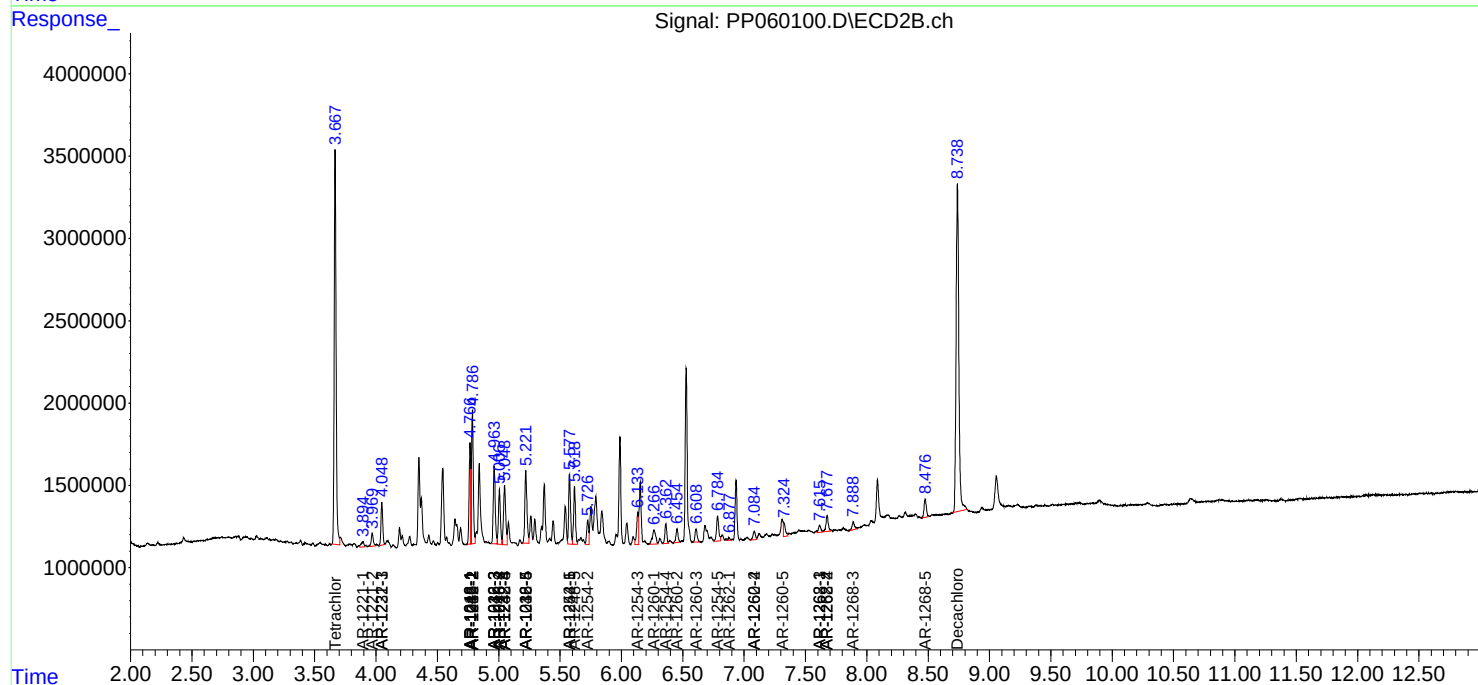
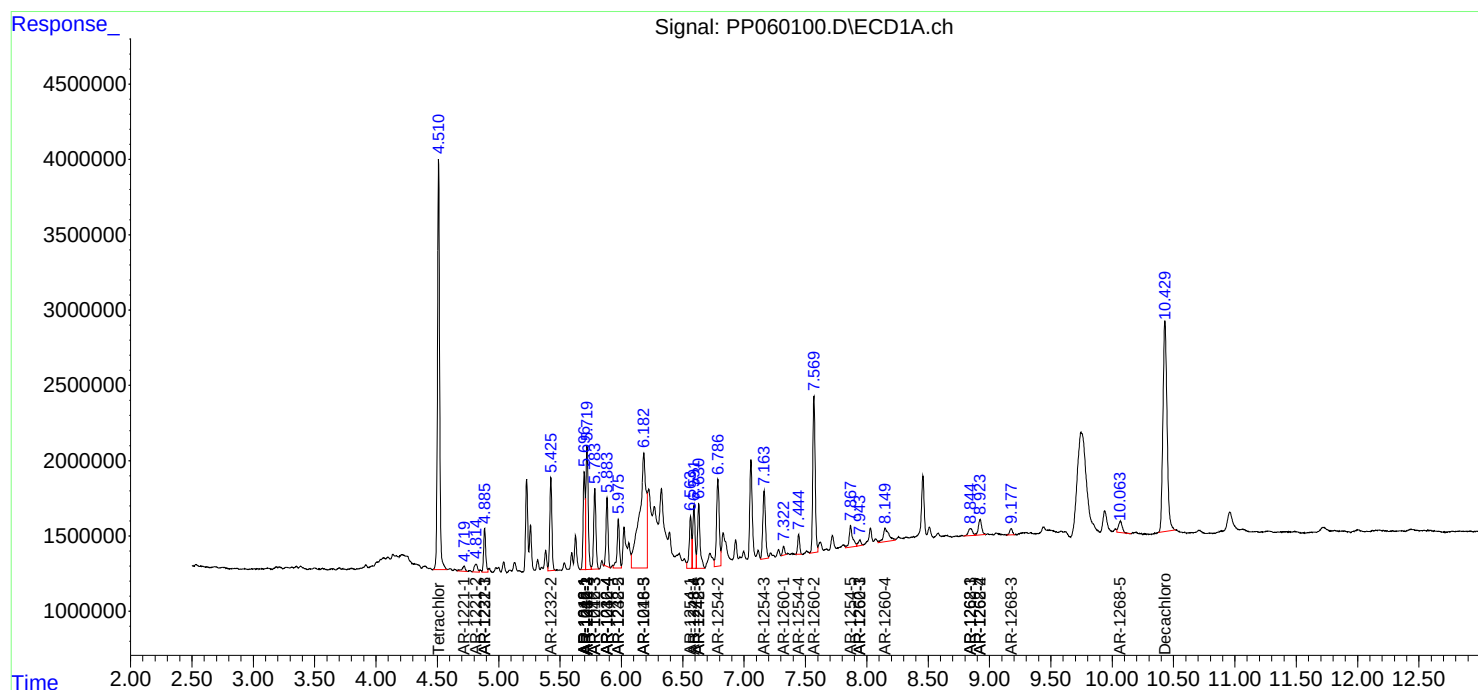
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

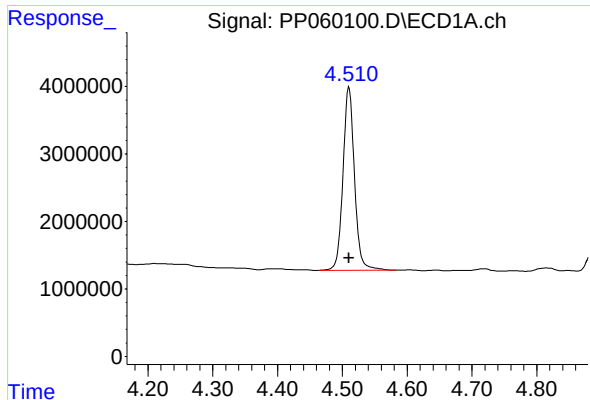
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092123\
Data File : PP060100.D
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Response via : Initial Calibration
Integrator: ChemStation

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

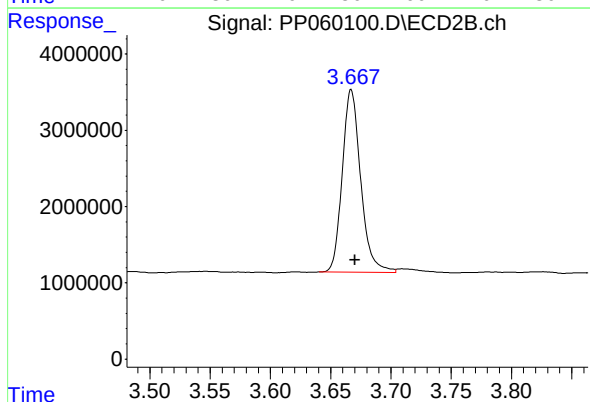




#1 Tetrachloro-m-xylene

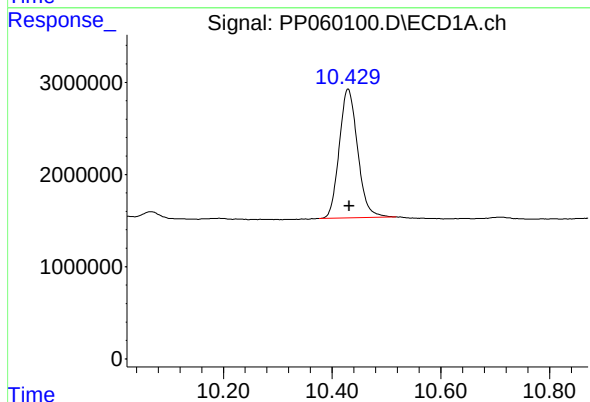
R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 33543061
Conc: 16.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



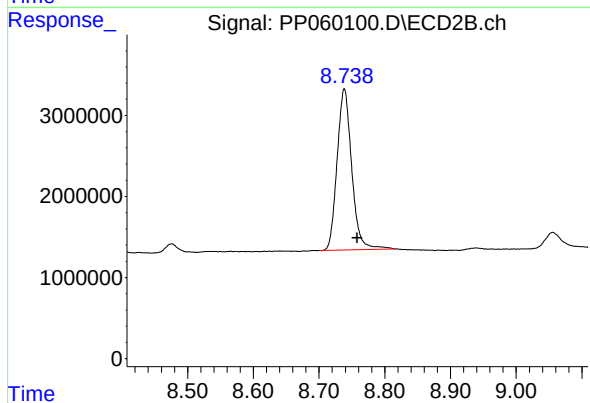
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.003 min
Response: 25424840
Conc: 15.61 ng/ml



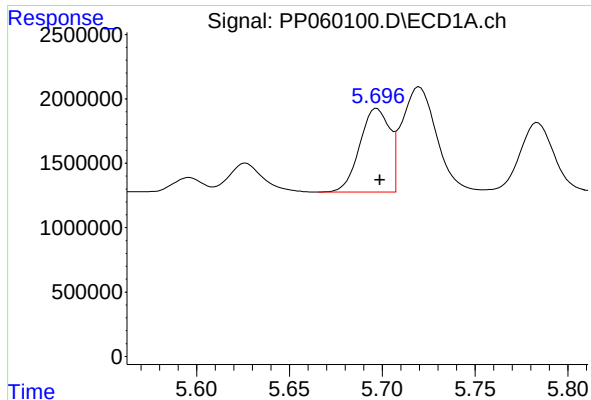
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.002 min
Response: 32790446
Conc: 21.50 ng/ml



#2 Decachlorobiphenyl

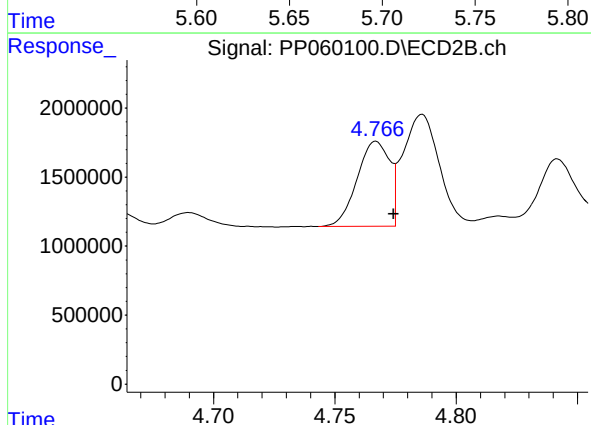
R.T.: 8.739 min
Delta R.T.: -0.020 min
Response: 30789815
Conc: 20.33 ng/ml



#3 AR-1016-1

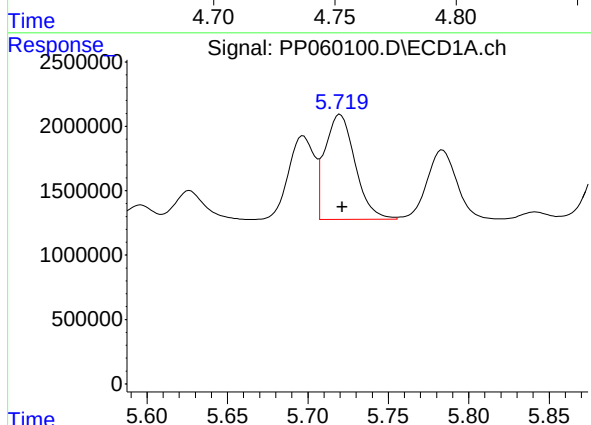
R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 7235815
Conc: 107.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



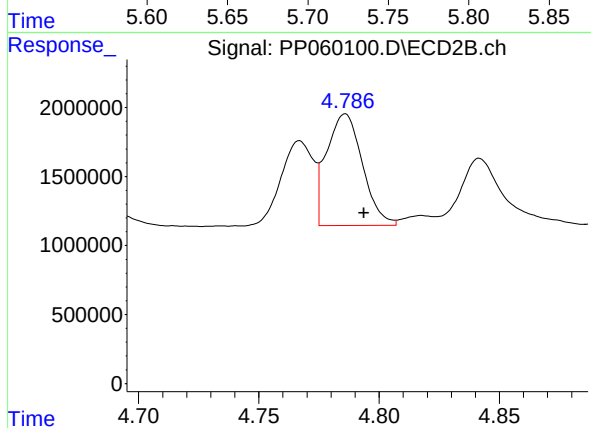
#3 AR-1016-1

R.T.: 4.767 min
Delta R.T.: -0.007 min
Response: 5740441
Conc: 95.49 ng/ml



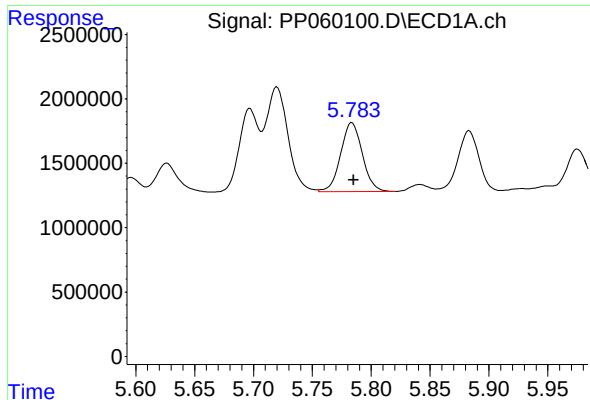
#4 AR-1016-2

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 10644750
Conc: 111.28 ng/ml



#4 AR-1016-2

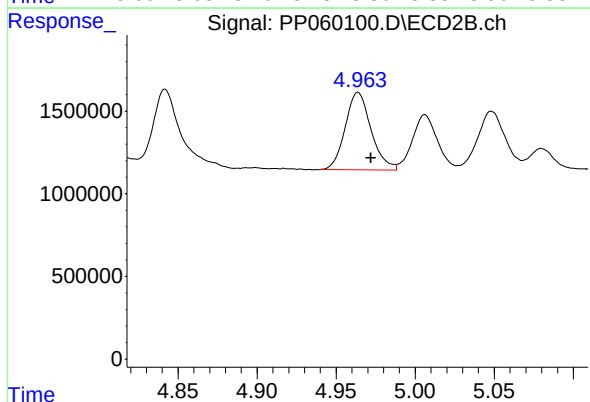
R.T.: 4.786 min
Delta R.T.: -0.008 min
Response: 8407582
Conc: 101.29 ng/ml



#5 AR-1016-3

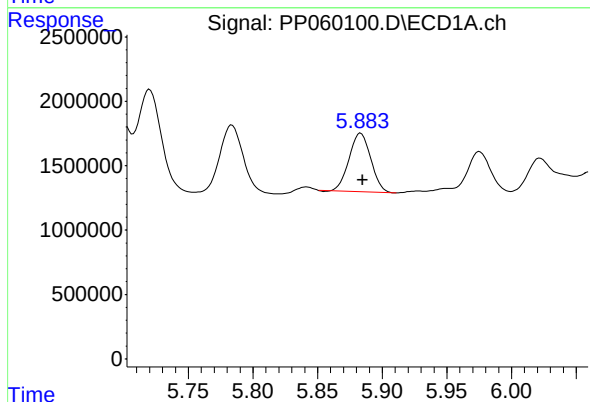
R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 6902968
Conc: 115.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



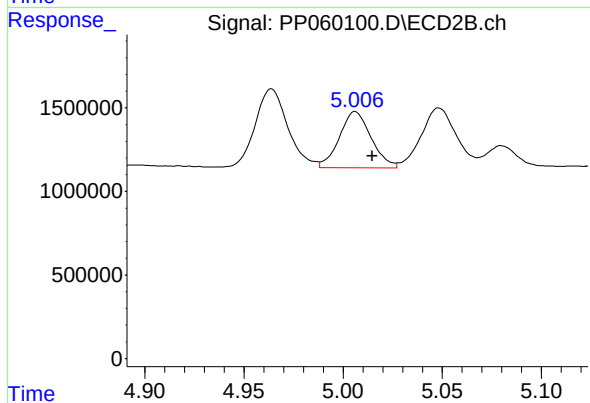
#5 AR-1016-3

R.T.: 4.964 min
Delta R.T.: -0.008 min
Response: 5344856
Conc: 119.15 ng/ml



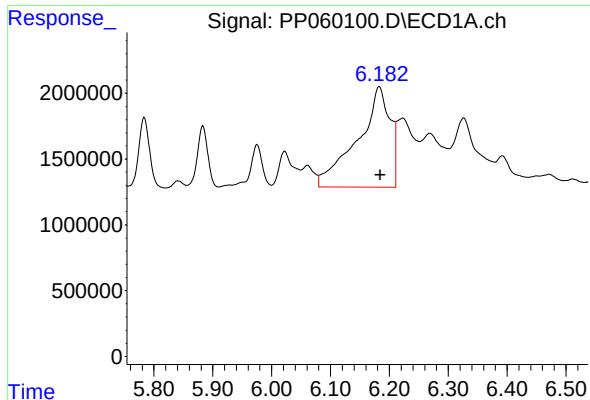
#6 AR-1016-4

R.T.: 5.883 min
Delta R.T.: -0.001 min
Response: 5322726
Conc: 108.70 ng/ml



#6 AR-1016-4

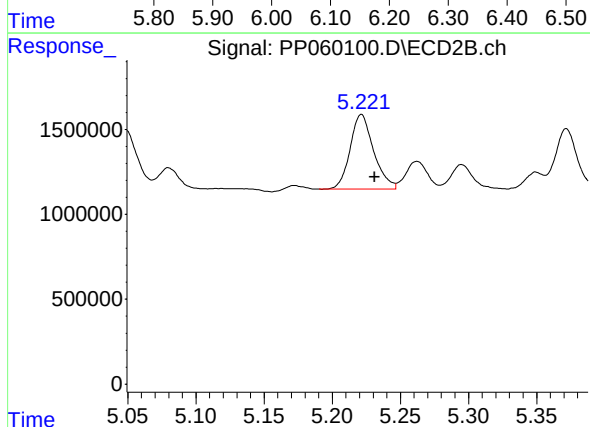
R.T.: 5.006 min
Delta R.T.: -0.009 min
Response: 3733307
Conc: 105.82 ng/ml



#7 AR-1016-5

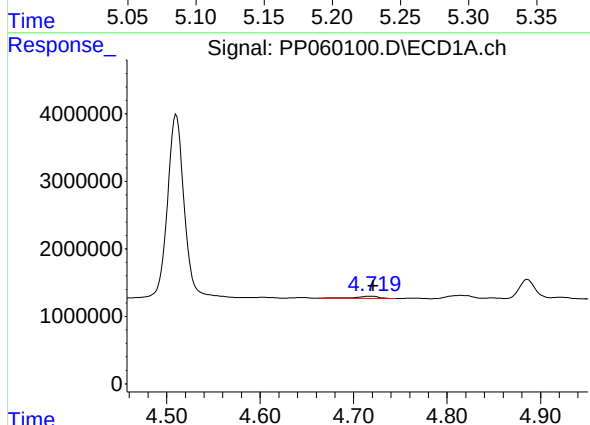
R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 29360128
Conc: 597.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



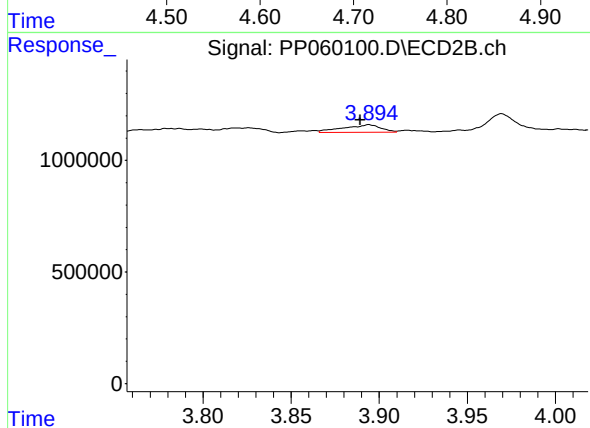
#7 AR-1016-5

R.T.: 5.222 min
Delta R.T.: -0.010 min
Response: 5293129
Conc: 113.84 ng/ml



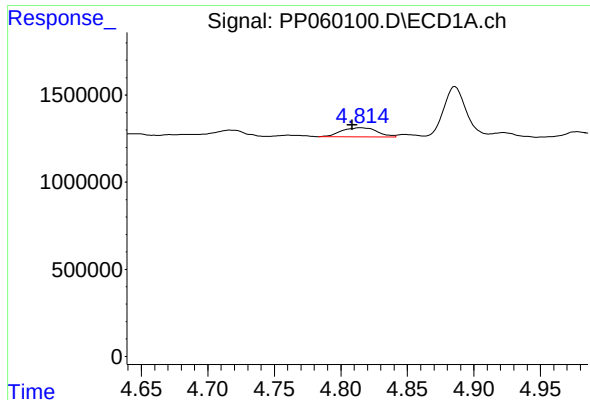
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: -0.003 min
Response: 622129
Conc: 23.40 ng/ml



#8 AR-1221-1

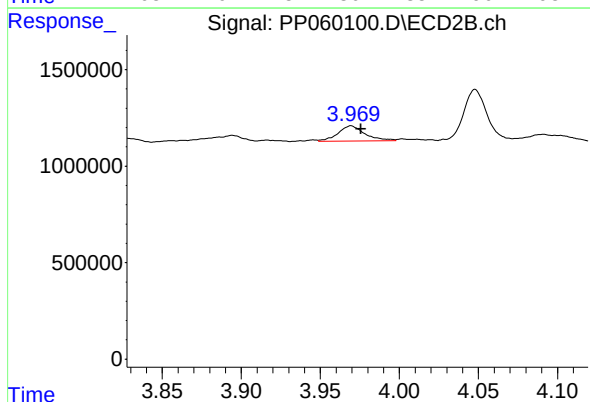
R.T.: 3.894 min
Delta R.T.: 0.005 min
Response: 506836
Conc: 23.07 ng/ml



#9 AR-1221-2

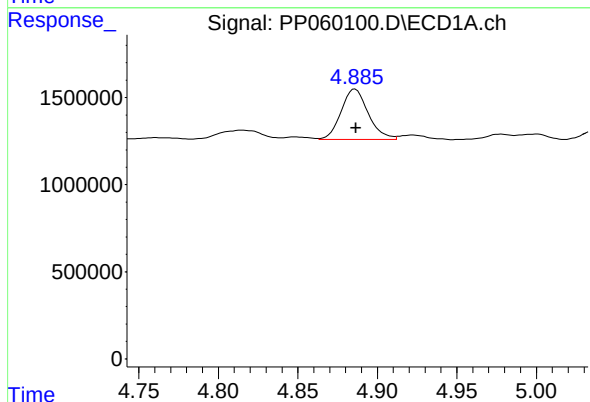
R.T.: 4.815 min
Delta R.T.: 0.006 min
Response: 961548
Conc: 48.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



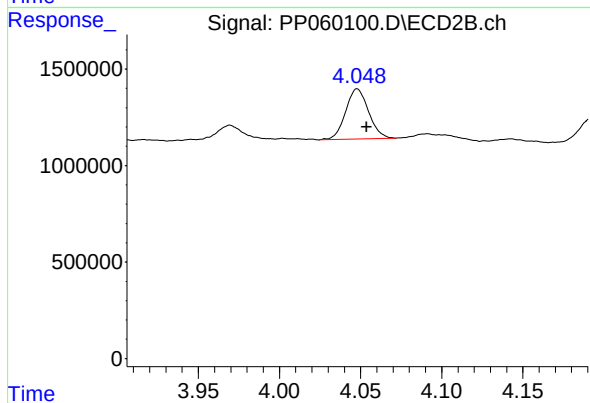
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: -0.006 min
Response: 944481
Conc: 61.18 ng/ml



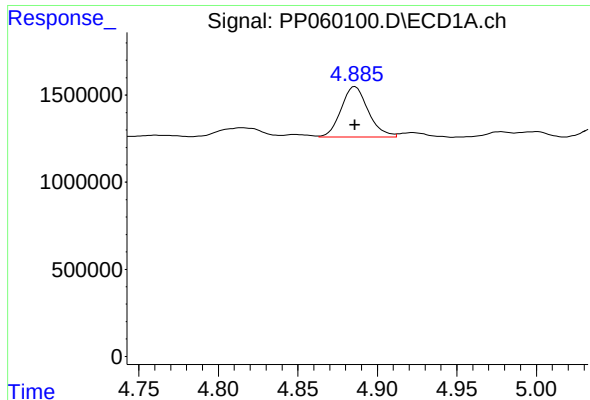
#10 AR-1221-3

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 3440440
Conc: 60.23 ng/ml



#10 AR-1221-3

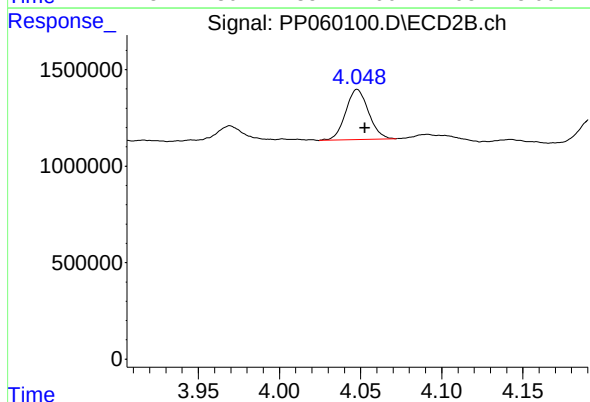
R.T.: 4.048 min
Delta R.T.: -0.006 min
Response: 2563253
Conc: 54.65 ng/ml



#11 AR-1232-1

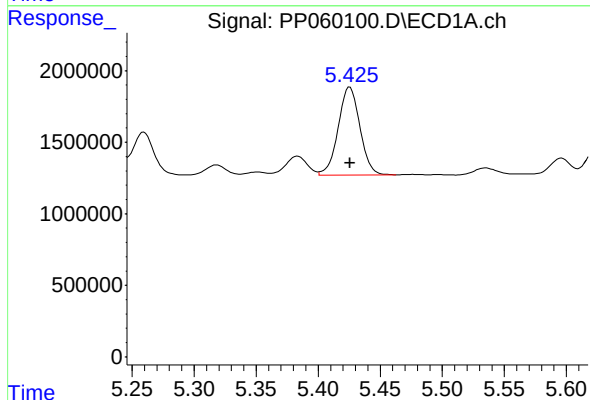
R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 3440440
Conc: 73.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



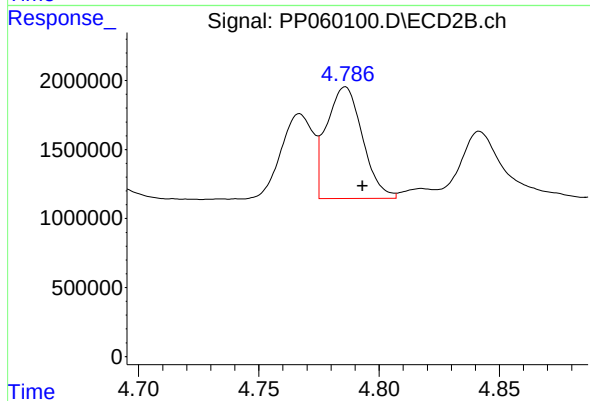
#11 AR-1232-1

R.T.: 4.048 min
Delta R.T.: -0.005 min
Response: 2563253
Conc: 67.43 ng/ml



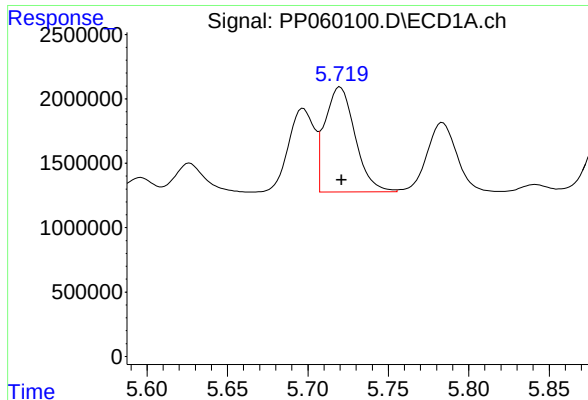
#12 AR-1232-2

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 7523341
Conc: 296.21 ng/ml



#12 AR-1232-2

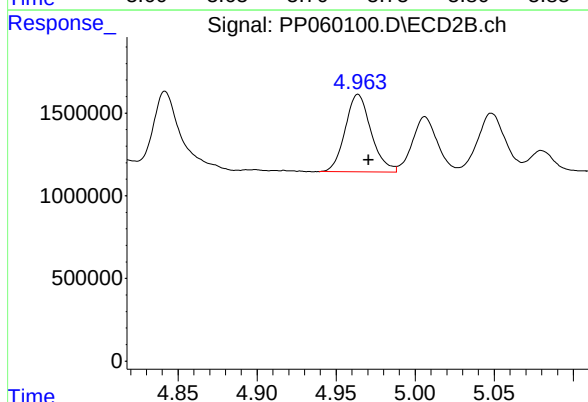
R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 8407582
Conc: 228.01 ng/ml



#13 AR-1232-3

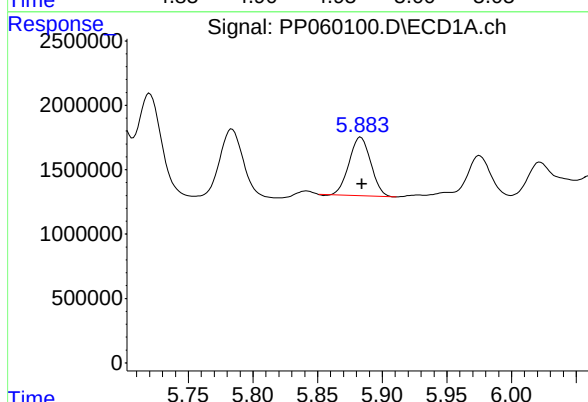
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 10644750
Conc: 246.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



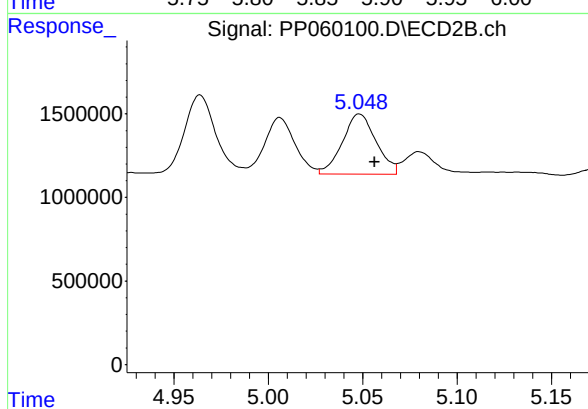
#13 AR-1232-3

R.T.: 4.964 min
Delta R.T.: -0.007 min
Response: 5344856
Conc: 266.93 ng/ml



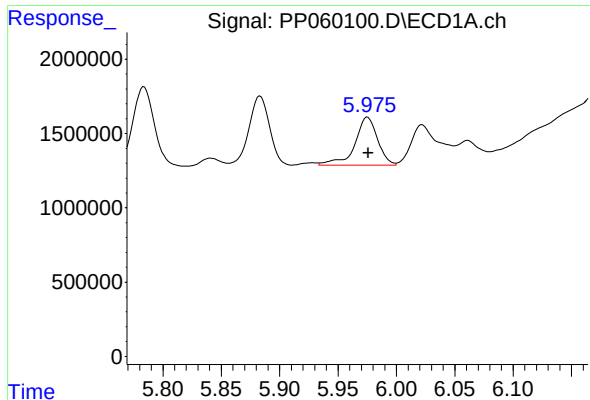
#14 AR-1232-4

R.T.: 5.883 min
Delta R.T.: -0.001 min
Response: 5322726
Conc: 240.82 ng/ml



#14 AR-1232-4

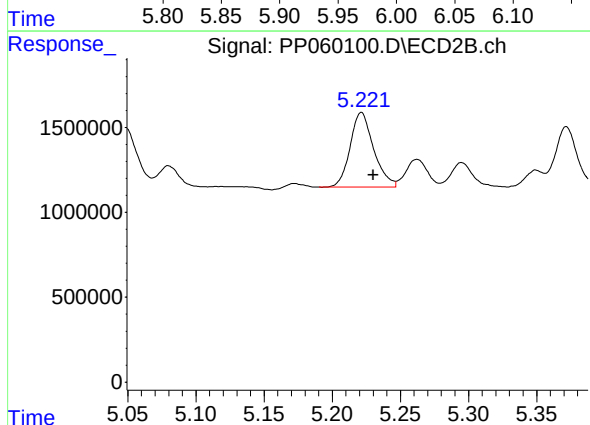
R.T.: 5.048 min
Delta R.T.: -0.008 min
Response: 4466835
Conc: 244.54 ng/ml



#15 AR-1232-5

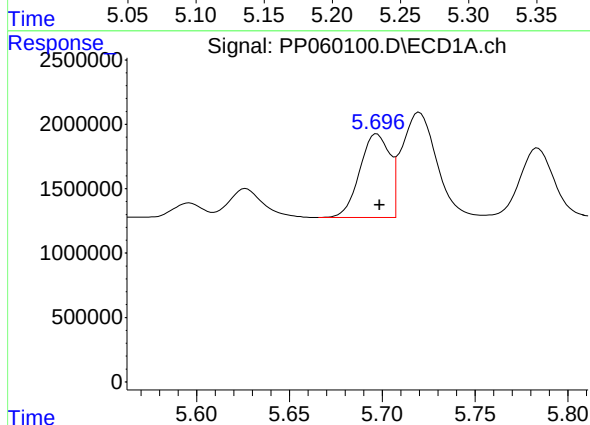
R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 4369626
Conc: 238.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



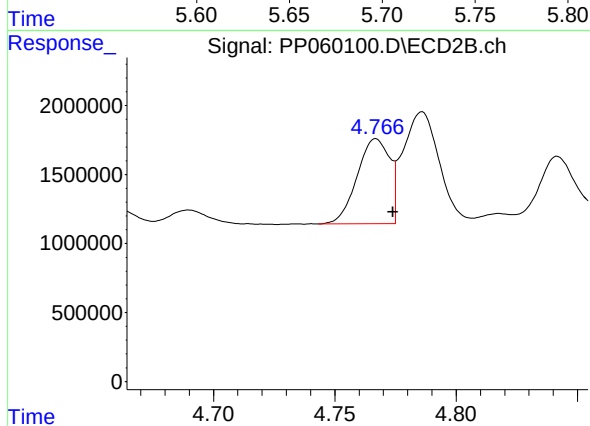
#15 AR-1232-5

R.T.: 5.222 min
Delta R.T.: -0.008 min
Response: 5293129
Conc: 264.01 ng/ml



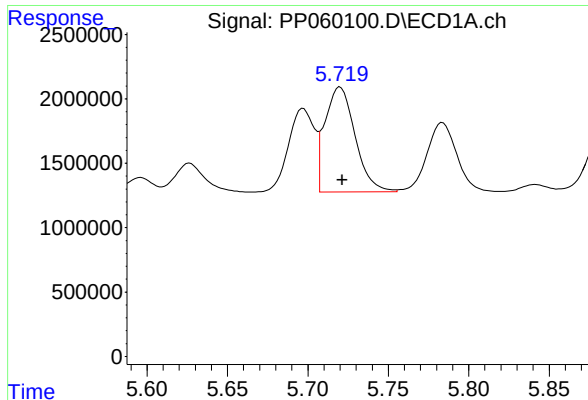
#16 AR-1242-1

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 7235815
Conc: 121.15 ng/ml



#16 AR-1242-1

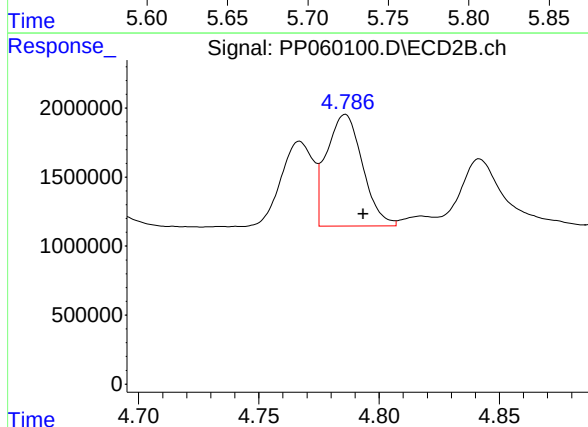
R.T.: 4.767 min
Delta R.T.: -0.007 min
Response: 5740441
Conc: 109.01 ng/ml



#17 AR-1242-2

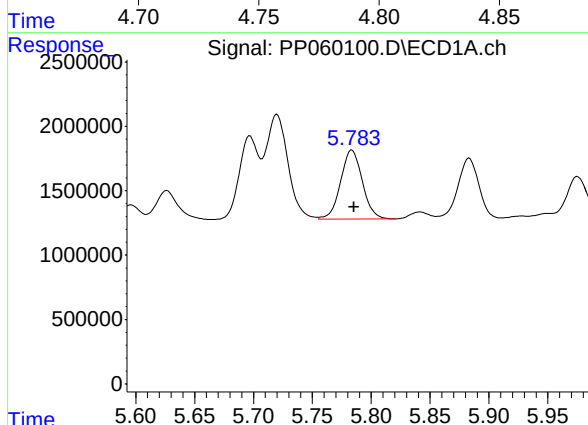
R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 10644750
Conc: 126.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



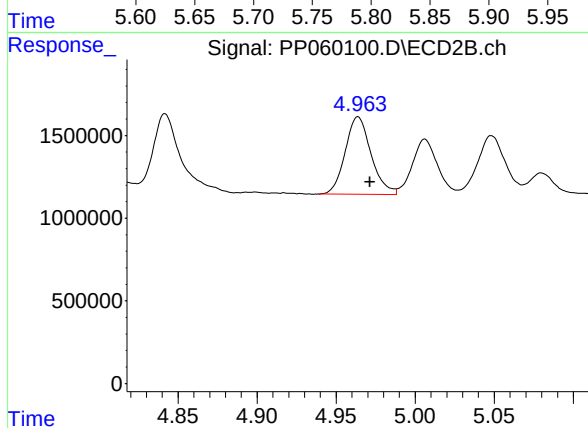
#17 AR-1242-2

R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 8407582
Conc: 116.68 ng/ml



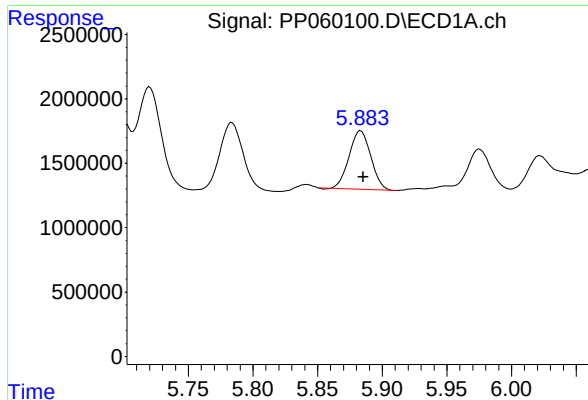
#18 AR-1242-3

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 6902968
Conc: 131.98 ng/ml



#18 AR-1242-3

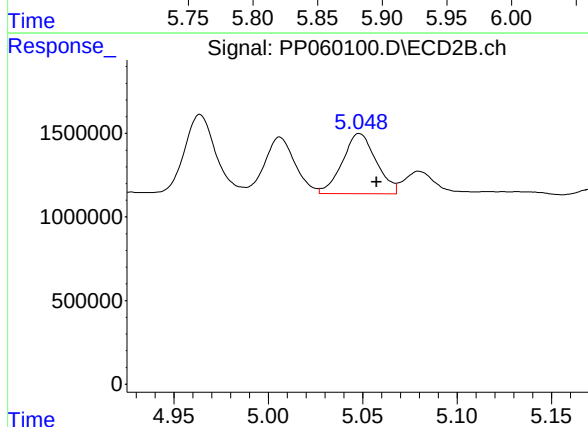
R.T.: 4.964 min
Delta R.T.: -0.007 min
Response: 5344856
Conc: 136.58 ng/ml



#19 AR-1242-4

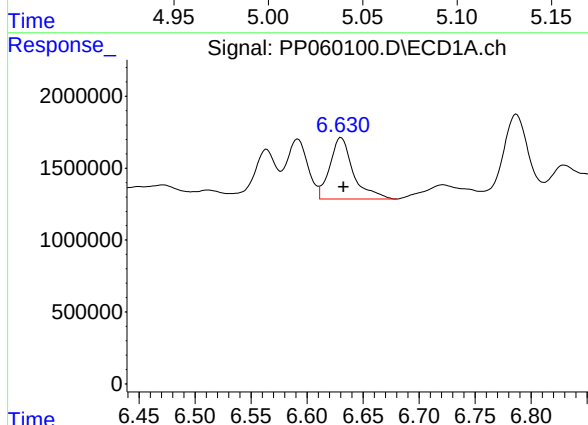
R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 5322726
Conc: 123.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



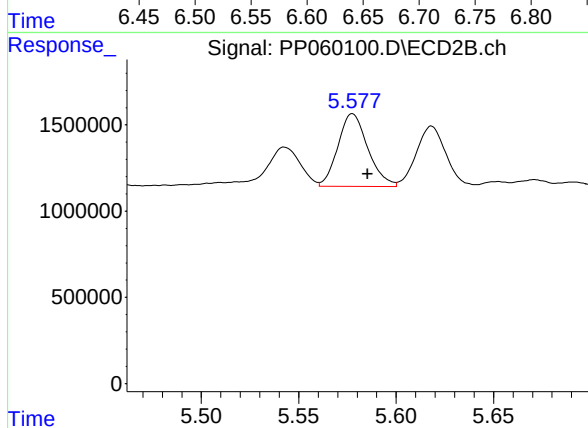
#19 AR-1242-4

R.T.: 5.048 min
Delta R.T.: -0.009 min
Response: 4466835
Conc: 113.98 ng/ml



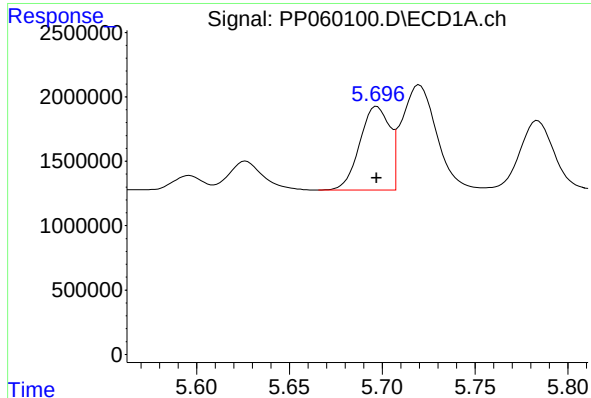
#20 AR-1242-5

R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 6265869
Conc: 137.05 ng/ml



#20 AR-1242-5

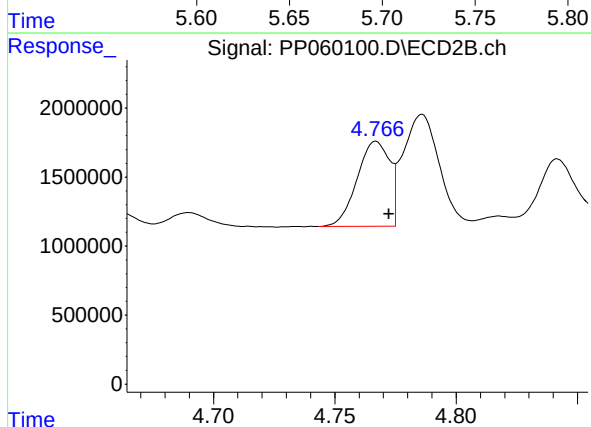
R.T.: 5.578 min
Delta R.T.: -0.008 min
Response: 4509258
Conc: 93.20 ng/ml



#21 AR-1248-1

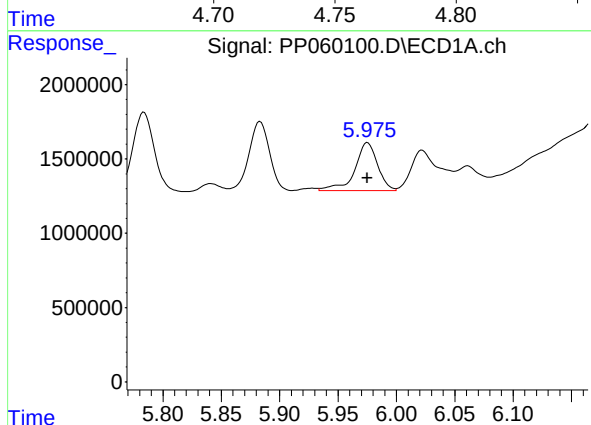
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 7235815
Conc: 161.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



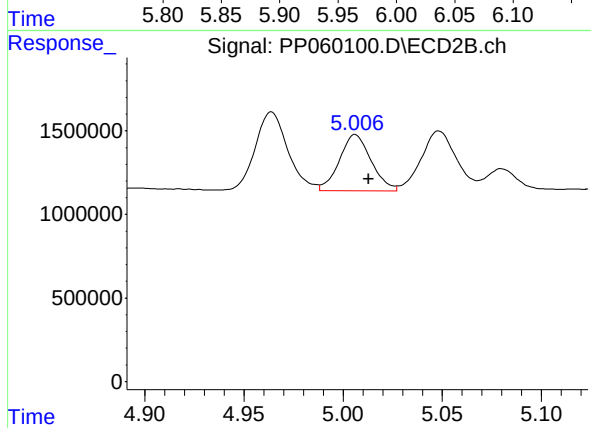
#21 AR-1248-1

R.T.: 4.767 min
Delta R.T.: -0.005 min
Response: 5740441
Conc: 146.92 ng/ml



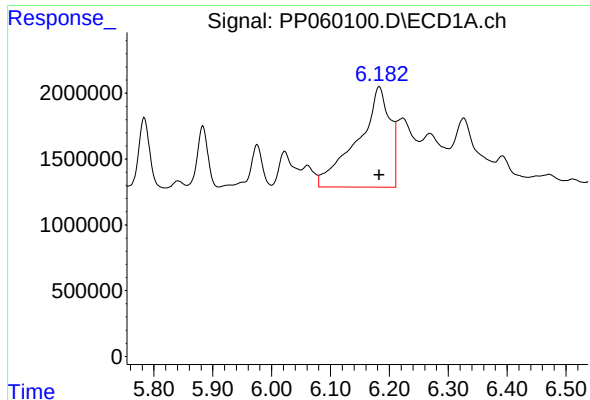
#22 AR-1248-2

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 4369626
Conc: 67.47 ng/ml



#22 AR-1248-2

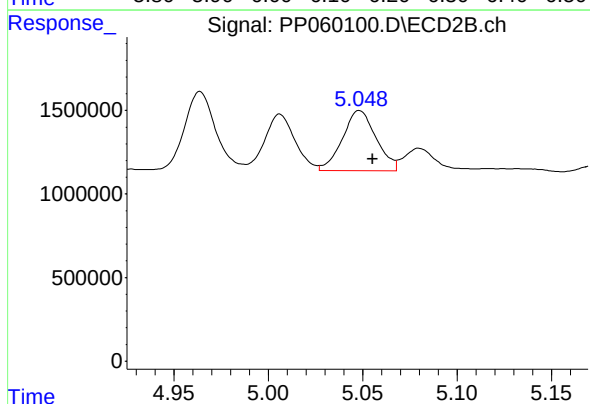
R.T.: 5.006 min
Delta R.T.: -0.007 min
Response: 3733307
Conc: 68.90 ng/ml



#23 AR-1248-3

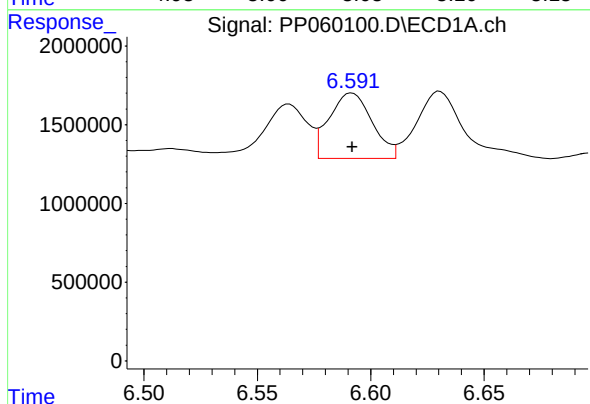
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 29360128
Conc: 414.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



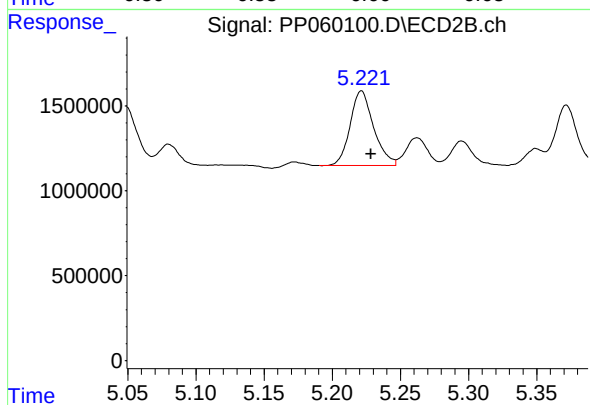
#23 AR-1248-3

R.T.: 5.048 min
Delta R.T.: -0.007 min
Response: 4466835
Conc: 78.50 ng/ml



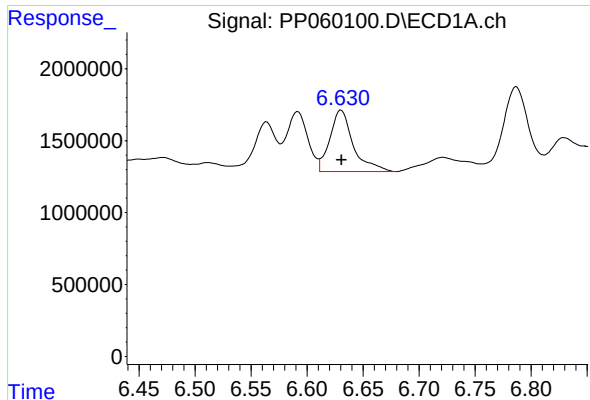
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 5501155
Conc: 71.13 ng/ml



#24 AR-1248-4

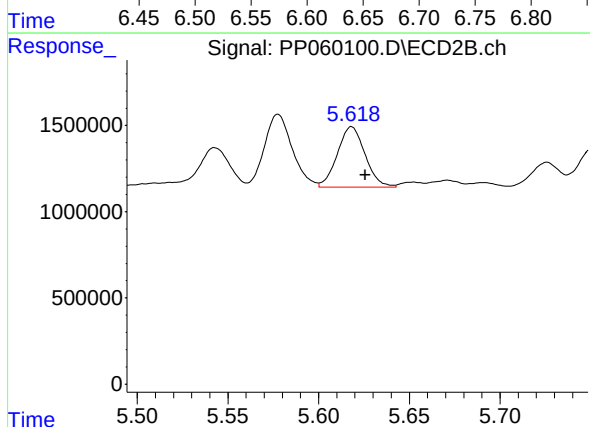
R.T.: 5.222 min
Delta R.T.: -0.007 min
Response: 5293129
Conc: 78.81 ng/ml



#25 AR-1248-5

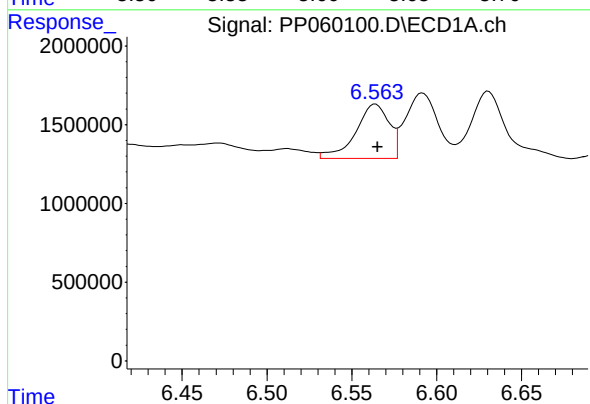
R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 6265869
Conc: 83.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



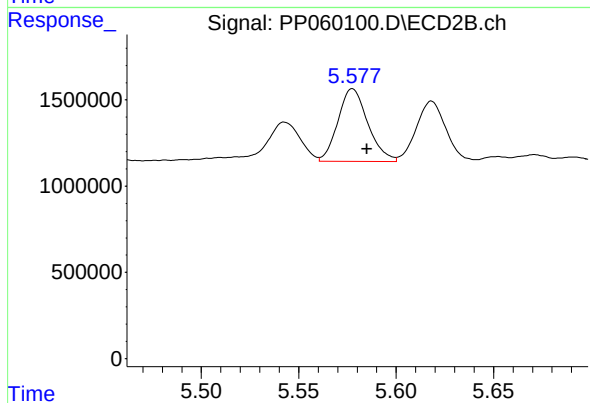
#25 AR-1248-5

R.T.: 5.618 min
Delta R.T.: -0.008 min
Response: 3719922
Conc: 56.39 ng/ml



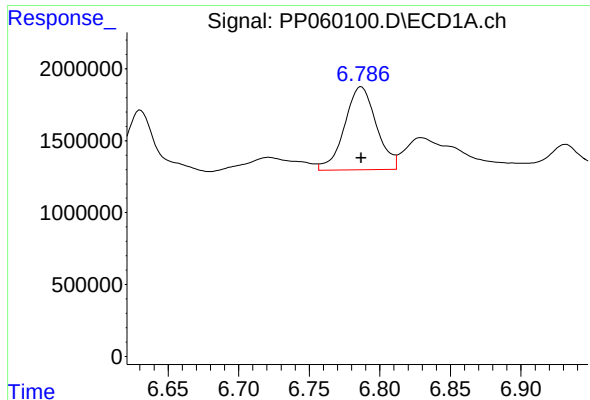
#26 AR-1254-1

R.T.: 6.564 min
Delta R.T.: -0.001 min
Response: 4748191
Conc: 59.47 ng/ml



#26 AR-1254-1

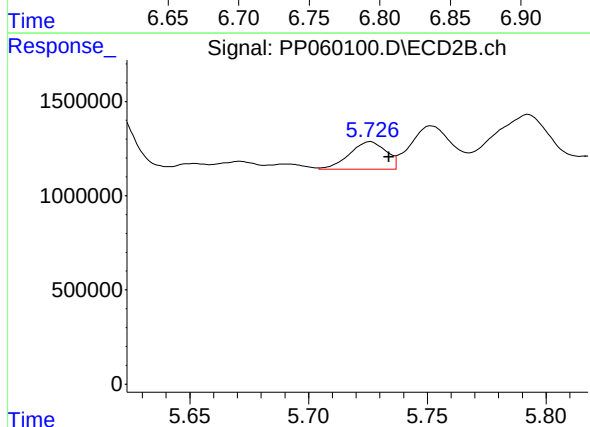
R.T.: 5.578 min
Delta R.T.: -0.007 min
Response: 4509258
Conc: 44.93 ng/ml



#27 AR-1254-2

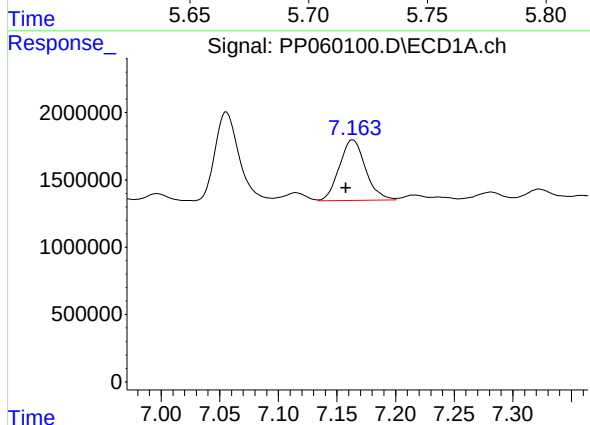
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 9046759
Conc: 75.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



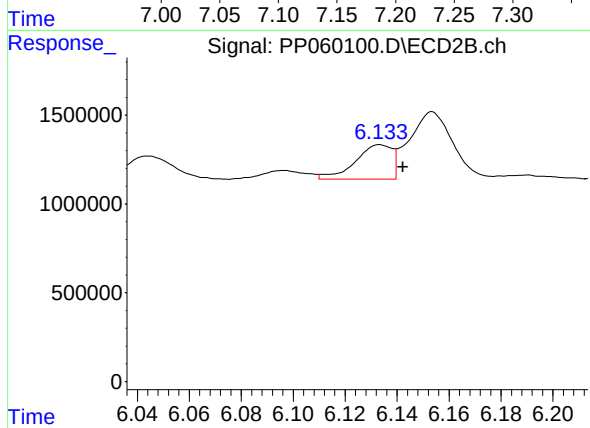
#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: -0.008 min
Response: 1563265
Conc: 17.99 ng/ml



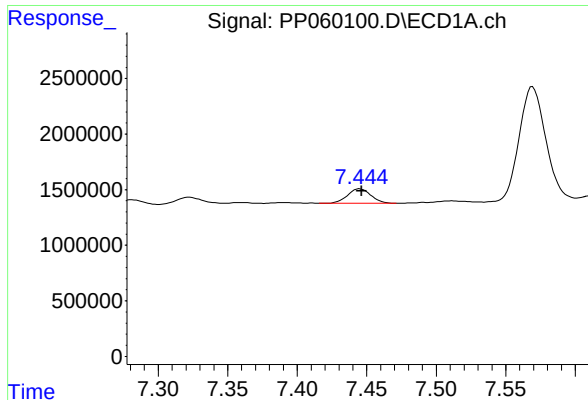
#28 AR-1254-3

R.T.: 7.164 min
Delta R.T.: 0.006 min
Response: 6971103
Conc: 57.38 ng/ml



#28 AR-1254-3

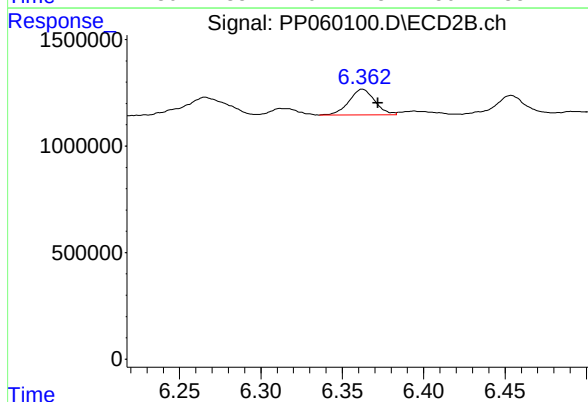
R.T.: 6.133 min
Delta R.T.: -0.009 min
Response: 1911386
Conc: 13.61 ng/ml



#29 AR-1254-4

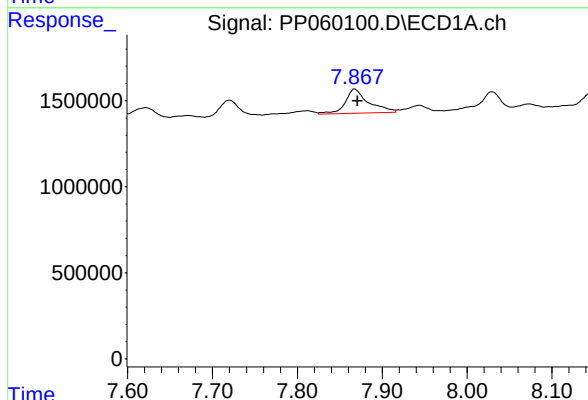
R.T.: 7.445 min
Delta R.T.: -0.001 min
Response: 1496811
Conc: 16.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



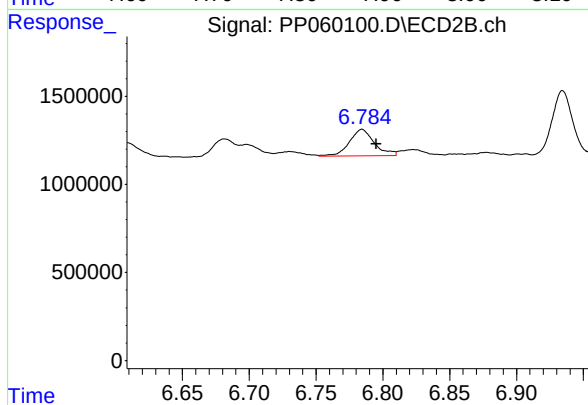
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: -0.010 min
Response: 1318231
Conc: 15.66 ng/ml



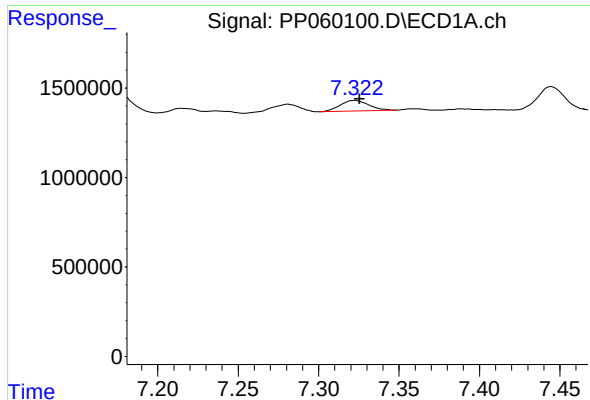
#30 AR-1254-5

R.T.: 7.868 min
Delta R.T.: -0.003 min
Response: 2715014
Conc: 27.91 ng/ml



#30 AR-1254-5

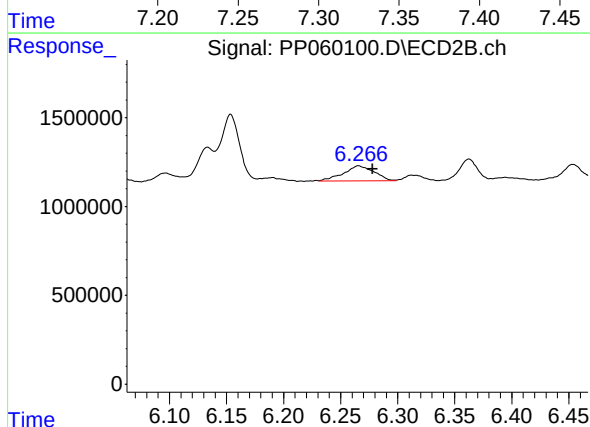
R.T.: 6.785 min
Delta R.T.: -0.011 min
Response: 1970100
Conc: 16.61 ng/ml



#31 AR-1260-1

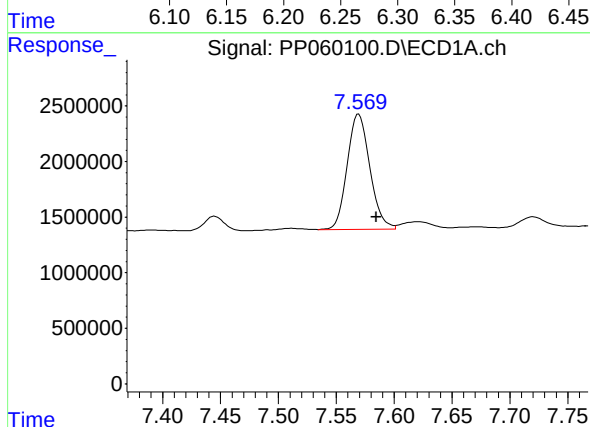
R.T.: 7.323 min
Delta R.T.: -0.003 min
Response: 724708
Conc: 8.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



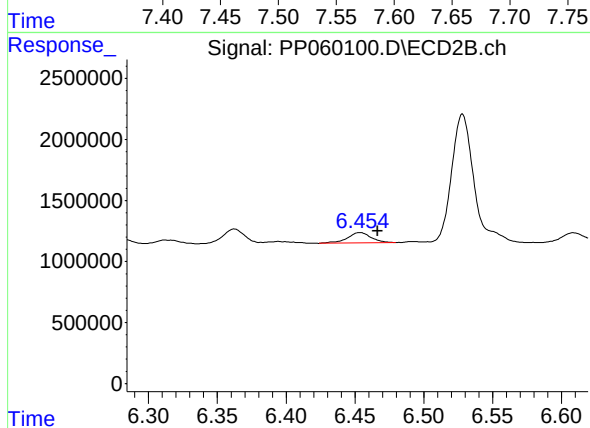
#31 AR-1260-1

R.T.: 6.266 min
Delta R.T.: -0.012 min
Response: 1607100
Conc: 17.26 ng/ml



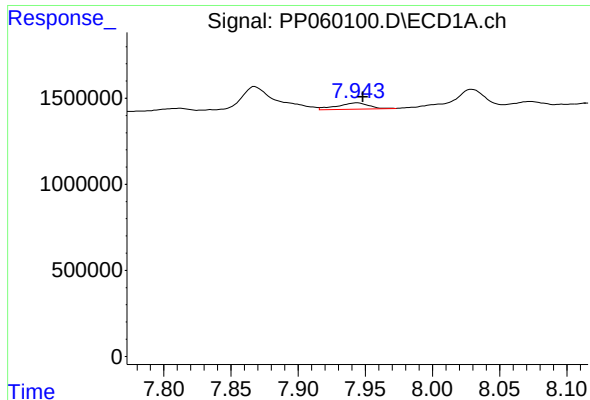
#32 AR-1260-2

R.T.: 7.569 min
Delta R.T.: -0.015 min
Response: 14045739
Conc: 136.91 ng/ml



#32 AR-1260-2

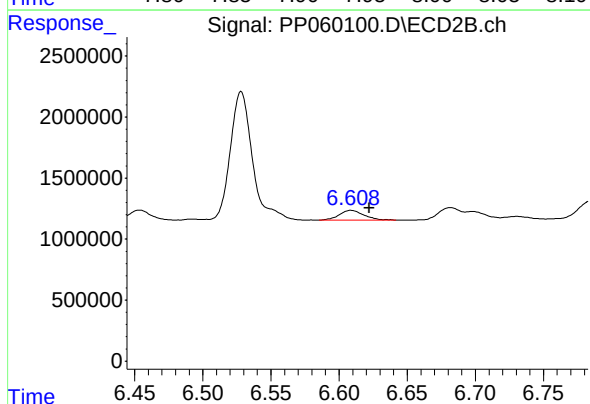
R.T.: 6.454 min
Delta R.T.: -0.013 min
Response: 1028281
Conc: 9.38 ng/ml



#33 AR-1260-3

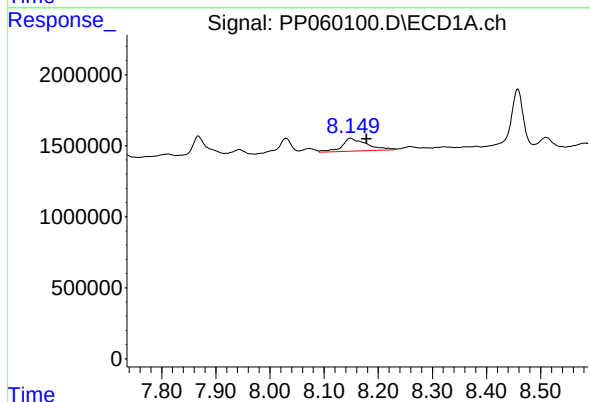
R.T.: 7.944 min
Delta R.T.: -0.005 min
Response: 629570
Conc: 7.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



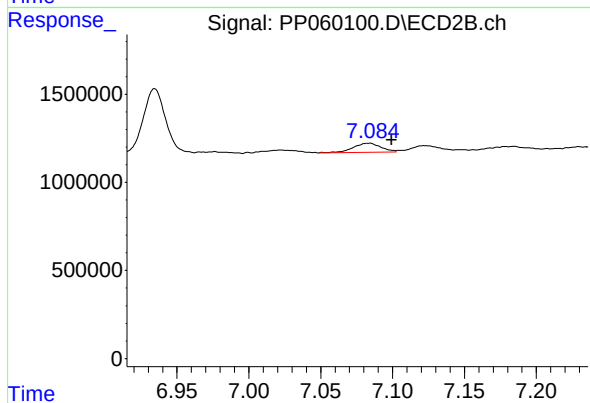
#33 AR-1260-3

R.T.: 6.609 min
Delta R.T.: -0.013 min
Response: 1027008
Conc: 9.99 ng/ml



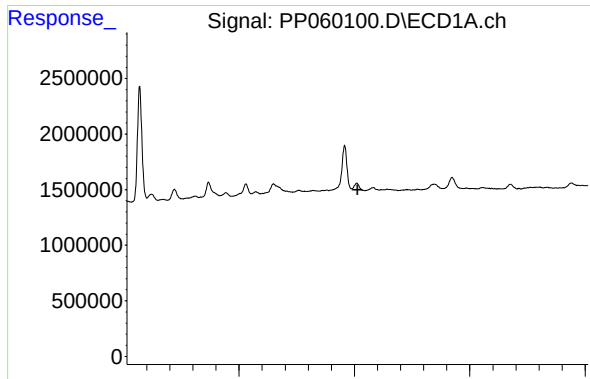
#34 AR-1260-4

R.T.: 8.149 min
Delta R.T.: -0.029 min
Response: 2882873
Conc: 32.17 ng/ml



#34 AR-1260-4

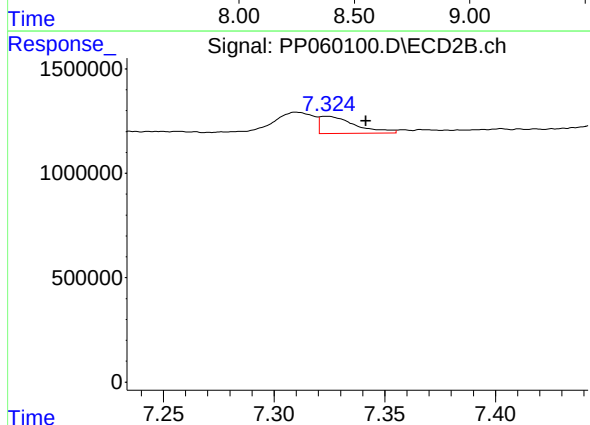
R.T.: 7.084 min
Delta R.T.: -0.015 min
Response: 700560
Conc: 8.41 ng/ml



#35 AR-1260-5

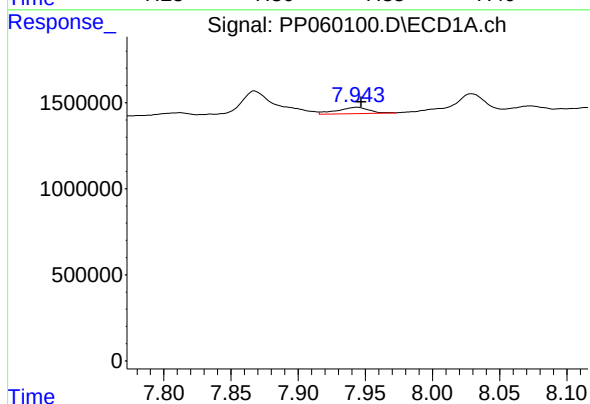
R.T.: 8.510 min
Delta R.T.: -0.003 min
Response: -997939
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



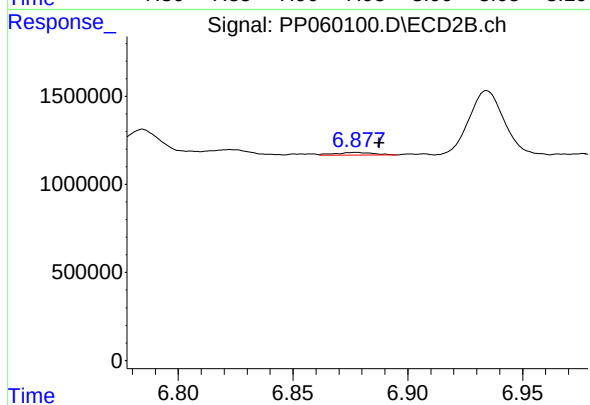
#35 AR-1260-5

R.T.: 7.324 min
Delta R.T.: -0.017 min
Response: 928030
Conc: 4.82 ng/ml



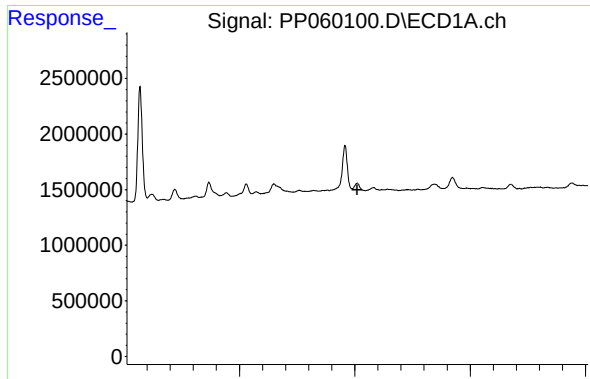
#36 AR-1262-1

R.T.: 7.944 min
Delta R.T.: -0.003 min
Response: 629570
Conc: 5.44 ng/ml



#36 AR-1262-1

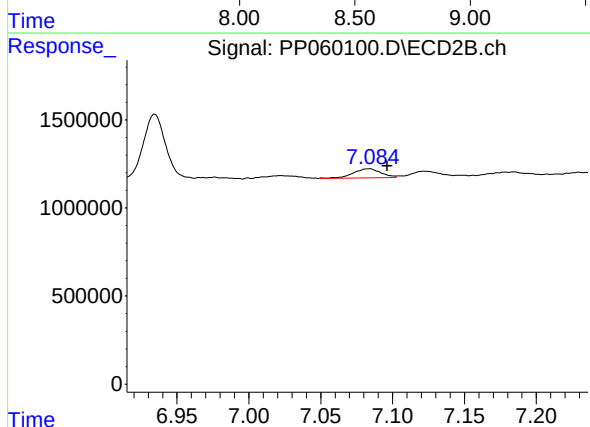
R.T.: 6.878 min
Delta R.T.: -0.010 min
Response: 170512
Conc: 3.38 ng/ml



#37 AR-1262-2

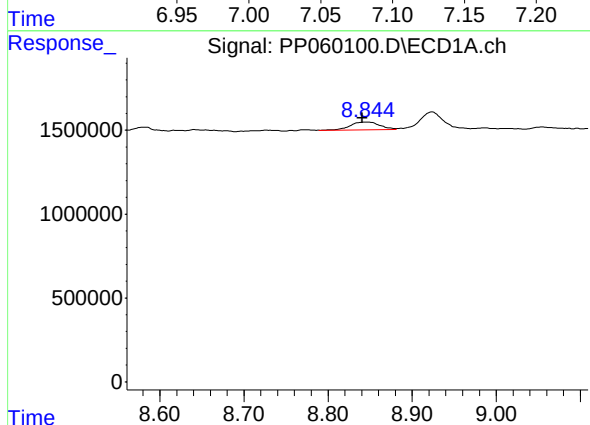
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: -997939
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



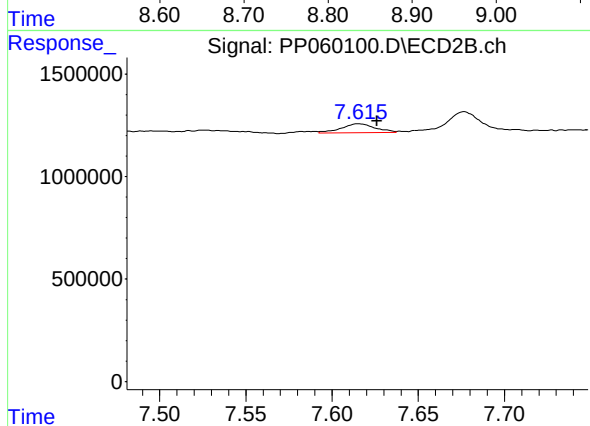
#37 AR-1262-2

R.T.: 7.084 min
Delta R.T.: -0.012 min
Response: 700560
Conc: 6.20 ng/ml



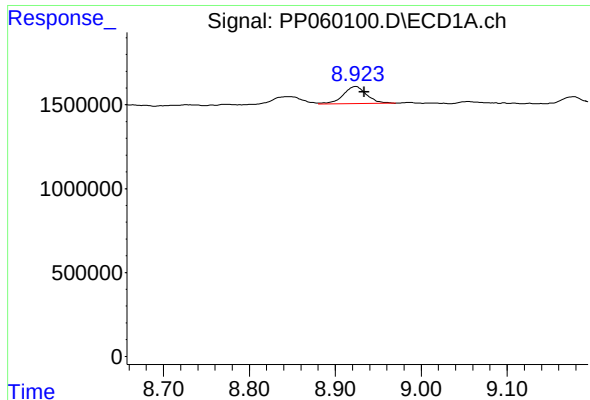
#38 AR-1262-3

R.T.: 8.845 min
Delta R.T.: 0.005 min
Response: 1118355
Conc: 7.77 ng/ml



#38 AR-1262-3

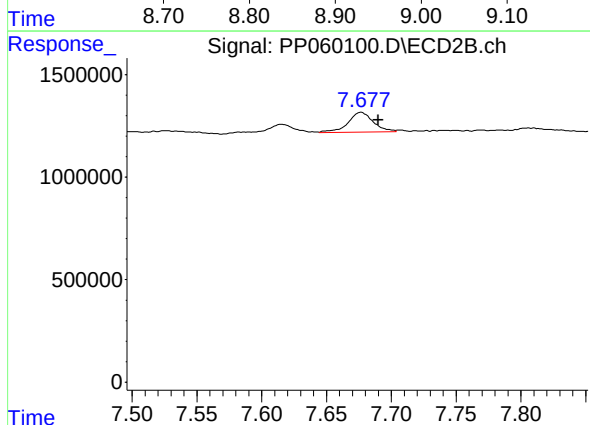
R.T.: 7.615 min
Delta R.T.: -0.011 min
Response: 598947
Conc: 6.83 ng/ml



#39 AR-1262-4

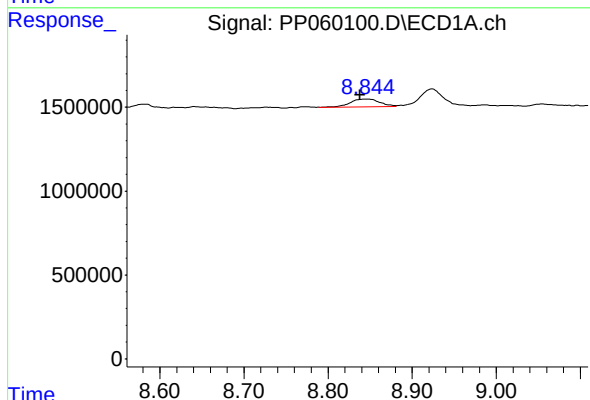
R.T.: 8.924 min
Delta R.T.: -0.010 min
Response: 1954550
Conc: 17.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



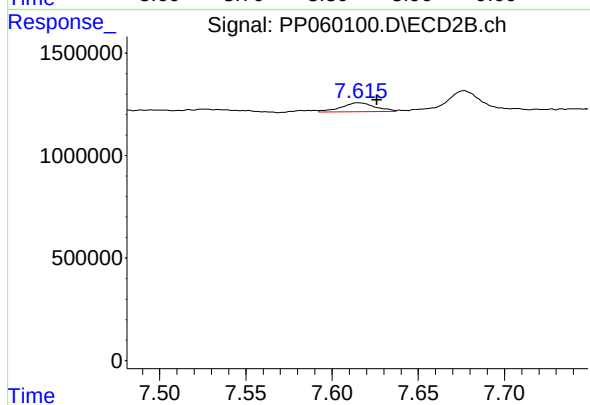
#39 AR-1262-4

R.T.: 7.677 min
Delta R.T.: -0.013 min
Response: 1319390
Conc: 8.08 ng/ml



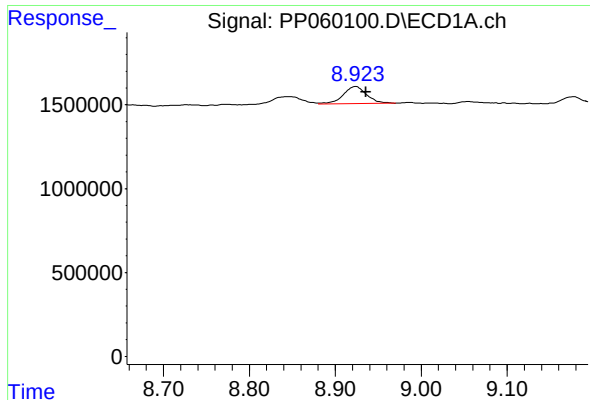
#41 AR-1268-1

R.T.: 8.845 min
Delta R.T.: 0.007 min
Response: 1118355
Conc: 4.46 ng/ml



#41 AR-1268-1

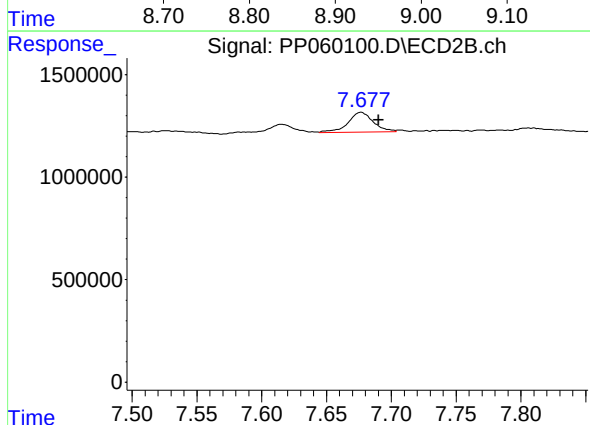
R.T.: 7.615 min
Delta R.T.: -0.011 min
Response: 598947
Conc: 2.30 ng/ml



#42 AR-1268-2

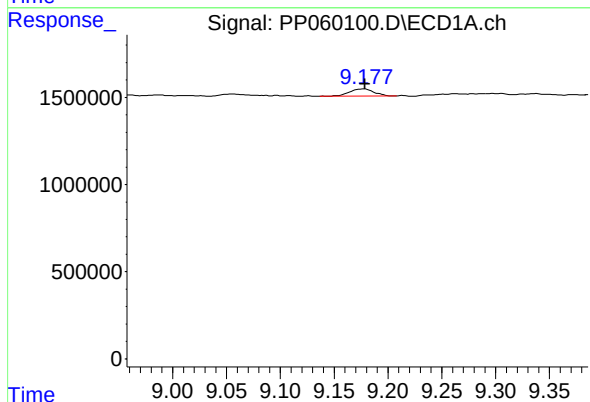
R.T.: 8.924 min
Delta R.T.: -0.012 min
Response: 1954550
Conc: 8.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



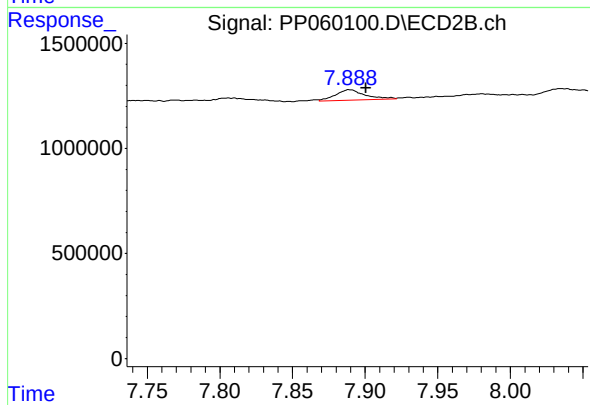
#42 AR-1268-2

R.T.: 7.677 min
Delta R.T.: -0.013 min
Response: 1319390
Conc: 5.71 ng/ml



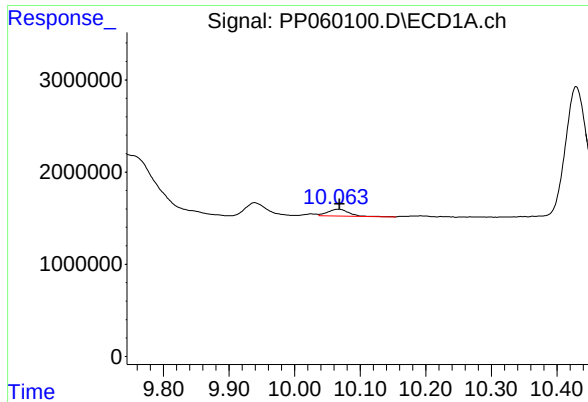
#43 AR-1268-3

R.T.: 9.178 min
Delta R.T.: 0.000 min
Response: 663346
Conc: 3.36 ng/ml



#43 AR-1268-3

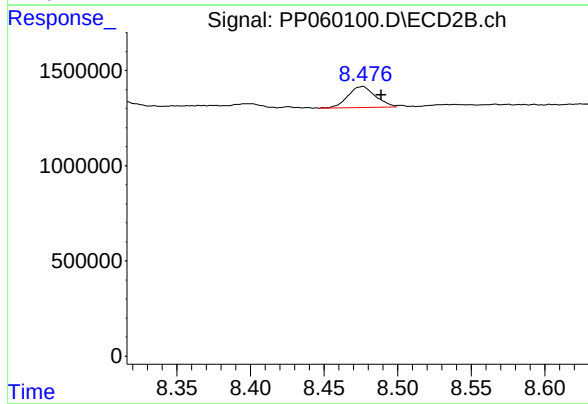
R.T.: 7.889 min
Delta R.T.: -0.012 min
Response: 685407
Conc: 3.36 ng/ml



#45 AR-1268-5

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 1648809
Conc: 2.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.476 min
Delta R.T.: -0.012 min
Response: 1425407
Conc: 2.26 ng/ml