

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092123\
 Data File : PP060110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 17:47
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 00:54:24 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...	4.511	3.667	95203577	71494378	45.765	43.892
2) SA Decachlor...	10.430	8.738	77069704	77686354	50.526	51.306
Target Compounds						
3) L1 AR-1016-1	5.697	4.766	27577041	23300311	408.700	387.592
4) L1 AR-1016-2	5.720	4.786	39200046	32506152	409.780	391.632
5) L1 AR-1016-3	5.783	4.963	24682508	17946037	414.672	400.054
6) L1 AR-1016-4	5.883	5.006	20408640	14145220	416.790	400.954
7) L1 AR-1016-5	6.183	5.222	21247691	19675787	432.146	423.167
8) L2 AR-1221-1	4.718	3.884	3605904	2867384	135.646	130.544
9) L2 AR-1221-2	4.809	3.970	5118463	3593975	260.044	232.787
10) L2 AR-1221-3	4.887	4.048	16662437	12592497	291.715	268.479
11) L3 AR-1232-1	4.887	4.048	16662437	12592497	357.144	331.264
12) L3 AR-1232-2	5.426	4.786	21685564	32506152	853.805	881.568
13) L3 AR-1232-3	5.720	4.963	39200046	17946037	907.338	896.249
14) L3 AR-1232-4	5.883	5.048	20408640	18241872	923.348	998.650
15) L3 AR-1232-5	5.975	5.222	18173103	19675787	990.610	981.372
16) L4 AR-1242-1	5.697	4.766	27577041	23300311	461.728	442.458
17) L4 AR-1242-2	5.720	4.786	39200046	32506152	466.461	451.120
18) L4 AR-1242-3	5.783	4.963	24682508	17946037	471.927	458.583
19) L4 AR-1242-4	5.883	5.048	20408640	18241872	473.606	465.479
20) L4 AR-1242-5	6.630	5.576	21797732	22691645	476.771	469.029
21) L5 AR-1248-1	5.697	4.766	27577041	23300311	616.982	596.333
22) L5 AR-1248-2	5.975	5.006	18173103	14145220	280.606	261.061
23) L5 AR-1248-3	6.183	5.048	21247691	18241872	300.013	320.597
24) L5 AR-1248-4	6.591	5.222	20820843	19675787	269.197	292.954
25) L5 AR-1248-5	6.630	5.618	21797732	19055001	289.708	288.871
26) L6 AR-1254-1	6.563	5.576	16025202	22691645	200.726	226.110
27) L6 AR-1254-2	6.789	5.726	18842229	6157931	157.317	70.881 #
28) L6 AR-1254-3	7.156	6.132	8018438	7597673	66.006	54.114
29) L6 AR-1254-4	7.444	6.362	5765228	5303577	64.828	63.006
30) L6 AR-1254-5	7.868	6.785	1594576	1928330	16.392	16.257
31) L7 AR-1260-1	7.323	6.279	786916	2715947	8.730	29.167 #
32) L7 AR-1260-2	7.583	6.453	1539253	860846	15.004	7.852 #
33) L7 AR-1260-3	0.000	6.607	0	1248575	N.D.	12.139 #
34) L7 AR-1260-4	8.161	7.087	673775	86566	7.518	1.039 #
35) L7 AR-1260-5	0.000	7.330	0	205695	N.D.	1.069 #
36) L8 AR-1262-1	0.000	6.903f	0	173029	N.D.	3.428 #
37) L8 AR-1262-2	0.000	7.087	0	86566	N.D.	0.766 #
38) L8 AR-1262-3	0.000	7.627	0	76159	N.D.	0.869 #
39) L8 AR-1262-4	0.000	7.675f	0	341374	N.D.	2.090 #
41) L9 AR-1268-1	0.000	7.627	0	76159	N.D.	0.293 #
42) L9 AR-1268-2	0.000	7.675f	0	341374	N.D.	1.477 #

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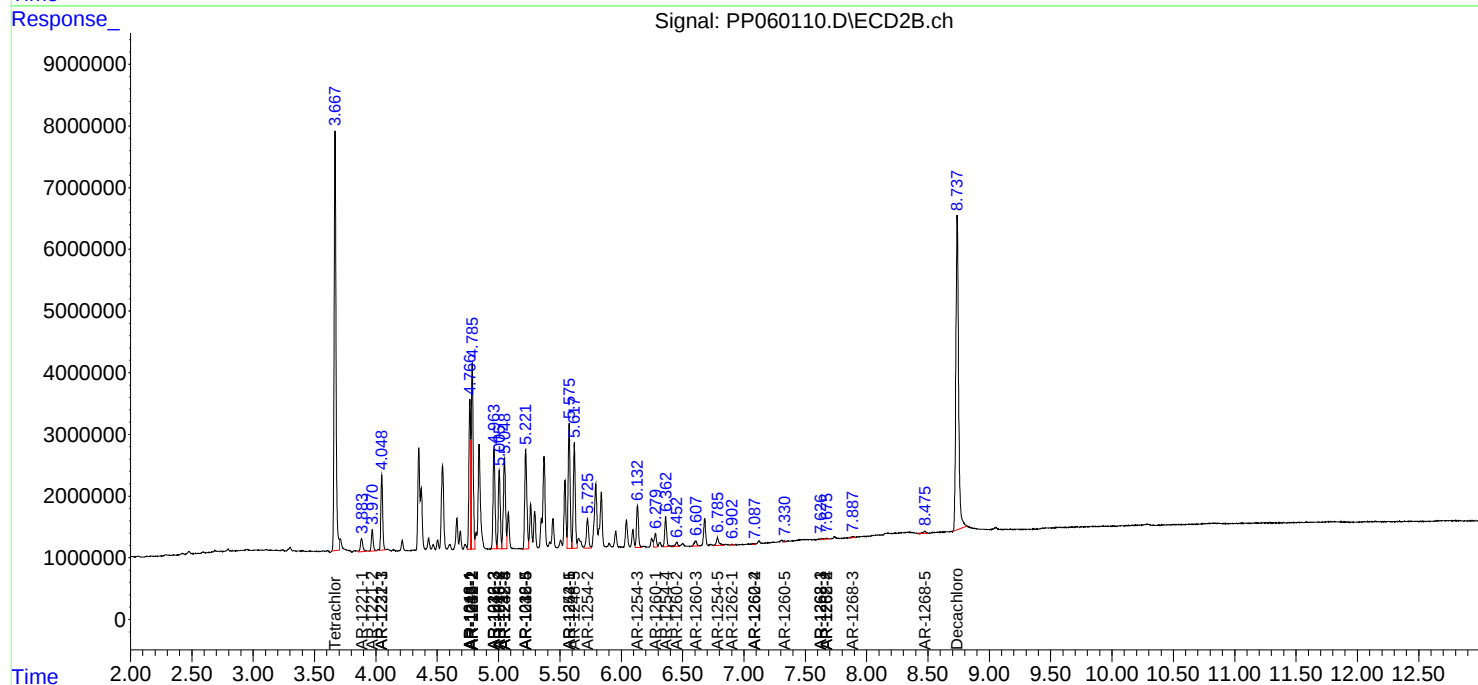
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

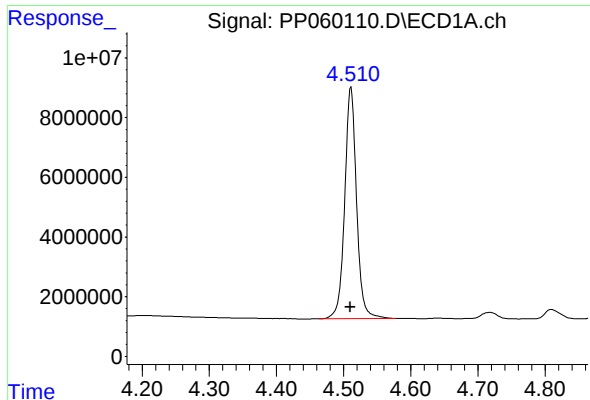
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	7.888	0	222655	N.D.	1.091 #
45) L9	AR-1268-5	10.068	8.475	313169	456234	0.517	0.722 #

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

Instrument :
ECD_P
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

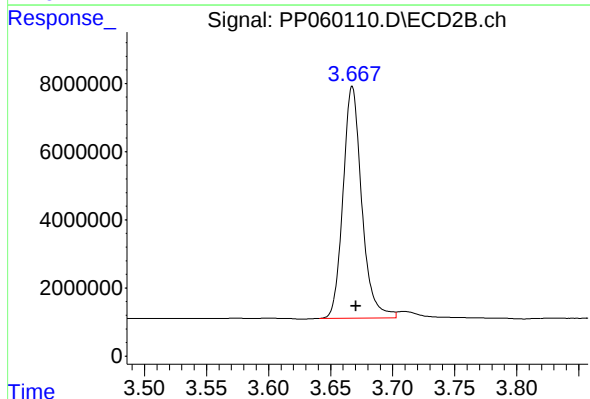




#1 Tetrachloro-m-xylene

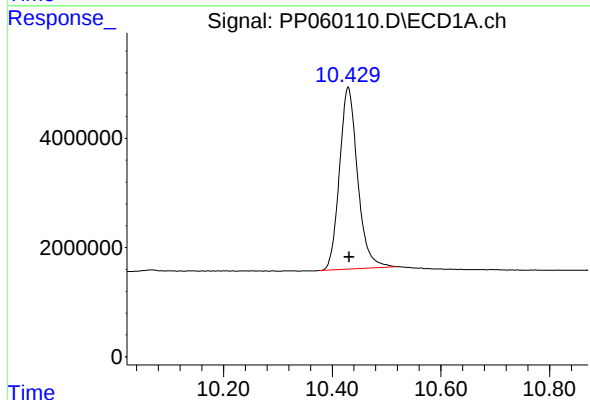
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 95203577
Conc: 45.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



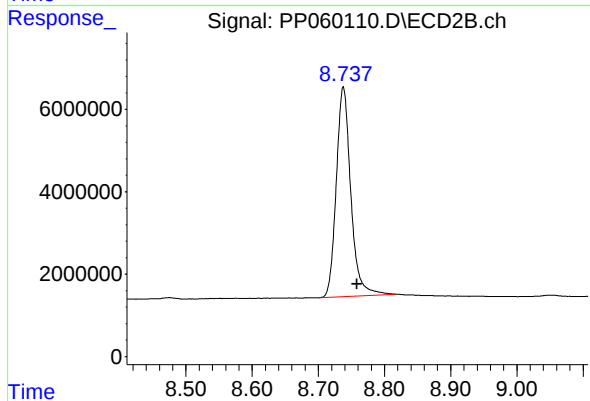
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.003 min
Response: 71494378
Conc: 43.89 ng/ml



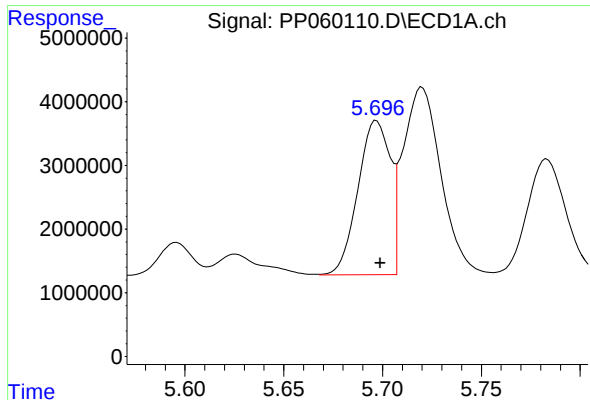
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.002 min
Response: 77069704
Conc: 50.53 ng/ml



#2 Decachlorobiphenyl

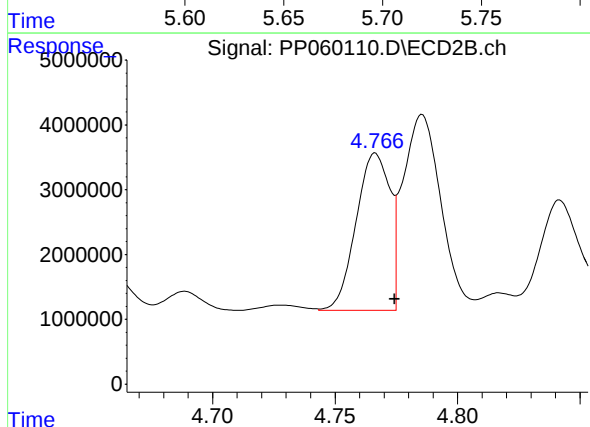
R.T.: 8.738 min
Delta R.T.: -0.021 min
Response: 77686354
Conc: 51.31 ng/ml



#3 AR-1016-1

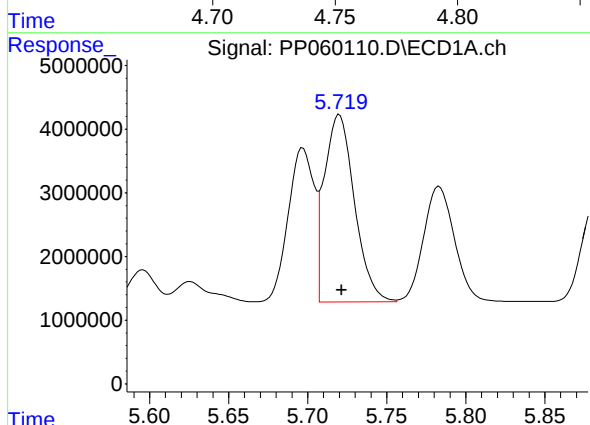
R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 27577041
Conc: 408.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



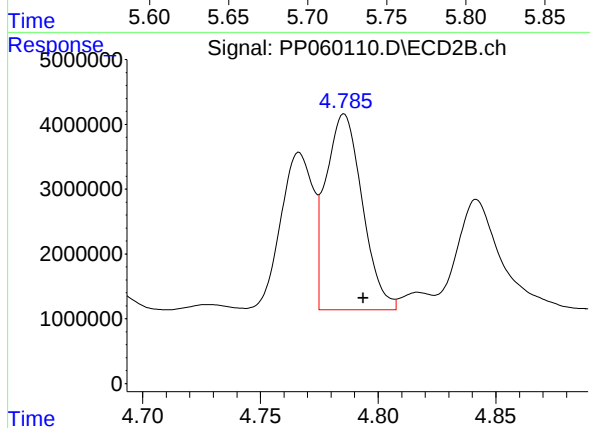
#3 AR-1016-1

R.T.: 4.766 min
Delta R.T.: -0.008 min
Response: 23300311
Conc: 387.59 ng/ml



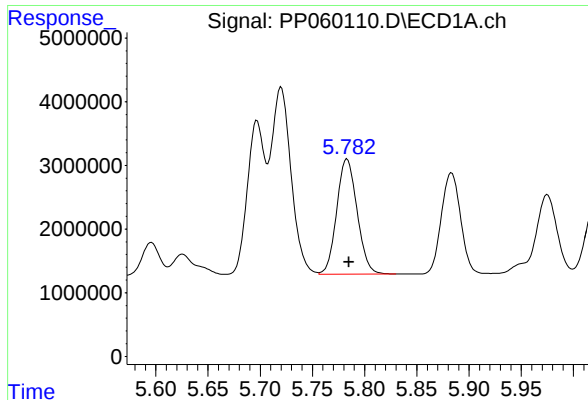
#4 AR-1016-2

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 39200046
Conc: 409.78 ng/ml



#4 AR-1016-2

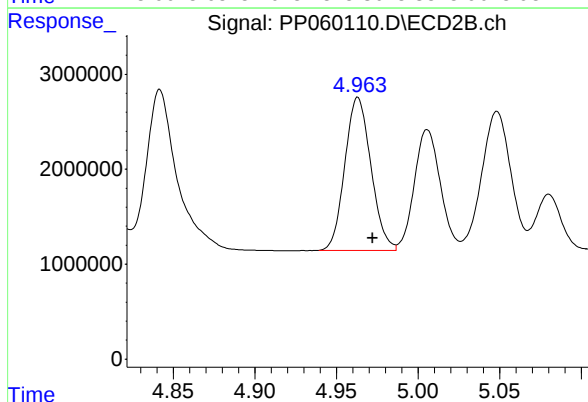
R.T.: 4.786 min
Delta R.T.: -0.008 min
Response: 32506152
Conc: 391.63 ng/ml



#5 AR-1016-3

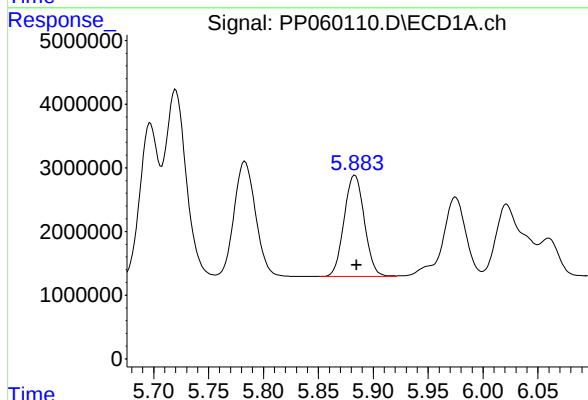
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 24682508
Conc: 414.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



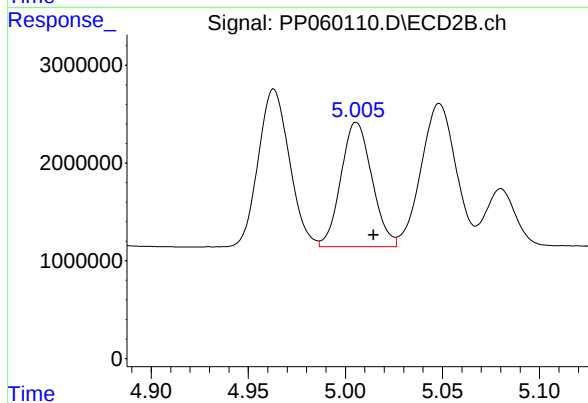
#5 AR-1016-3

R.T.: 4.963 min
Delta R.T.: -0.009 min
Response: 17946037
Conc: 400.05 ng/ml



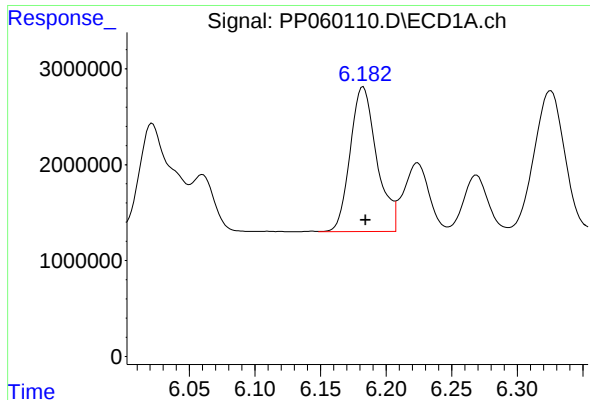
#6 AR-1016-4

R.T.: 5.883 min
Delta R.T.: -0.001 min
Response: 20408640
Conc: 416.79 ng/ml



#6 AR-1016-4

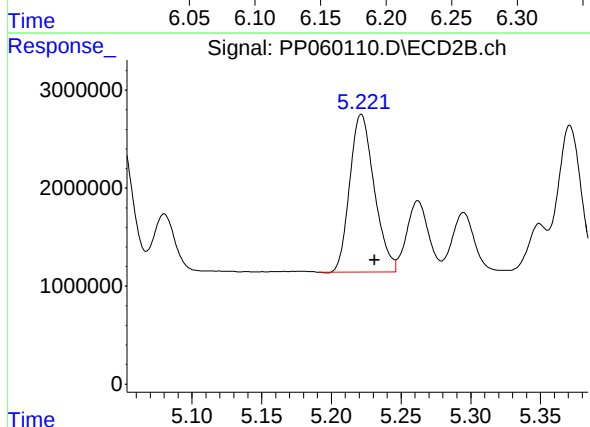
R.T.: 5.006 min
Delta R.T.: -0.009 min
Response: 14145220
Conc: 400.95 ng/ml



#7 AR-1016-5

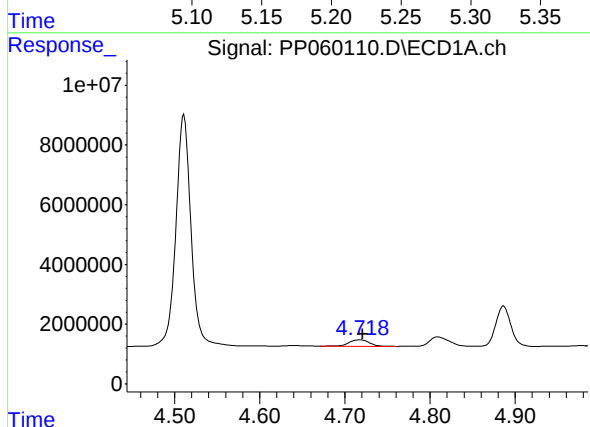
R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 21247691
Conc: 432.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



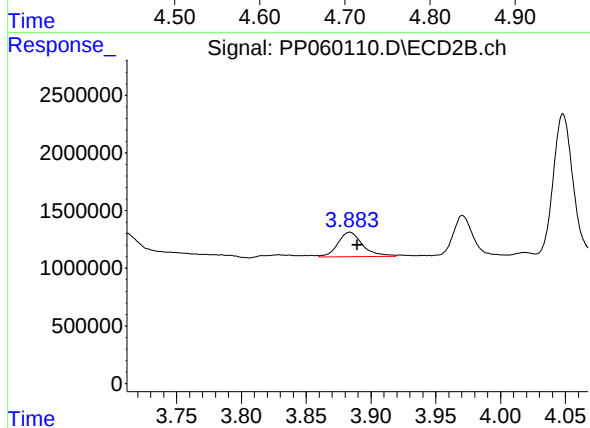
#7 AR-1016-5

R.T.: 5.222 min
Delta R.T.: -0.010 min
Response: 19675787
Conc: 423.17 ng/ml



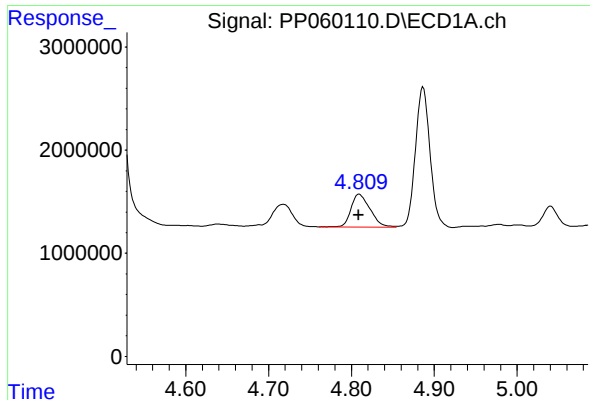
#8 AR-1221-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 3605904
Conc: 135.65 ng/ml



#8 AR-1221-1

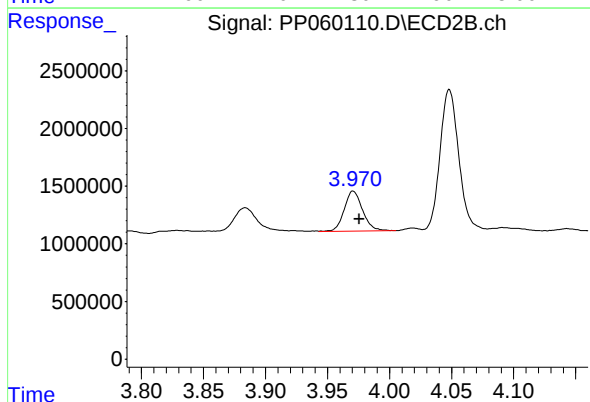
R.T.: 3.884 min
Delta R.T.: -0.006 min
Response: 2867384
Conc: 130.54 ng/ml



#9 AR-1221-2

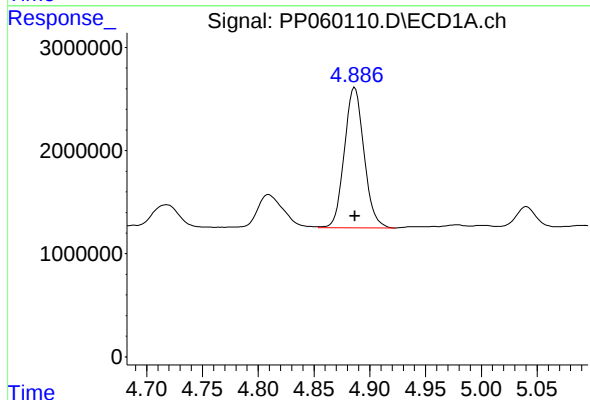
R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 5118463
Conc: 260.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



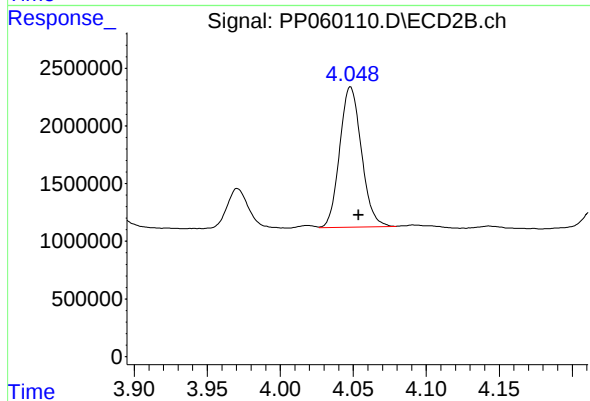
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: -0.005 min
Response: 3593975
Conc: 232.79 ng/ml



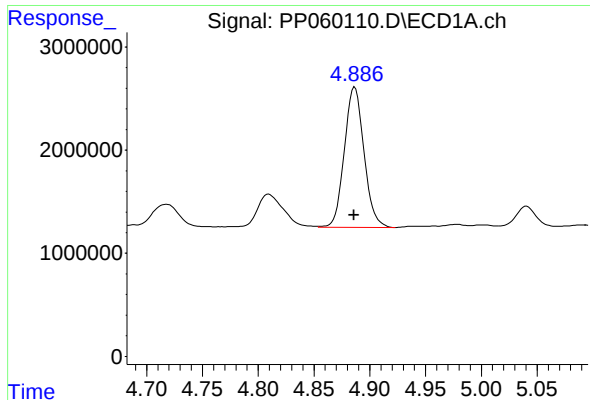
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 16662437
Conc: 291.72 ng/ml



#10 AR-1221-3

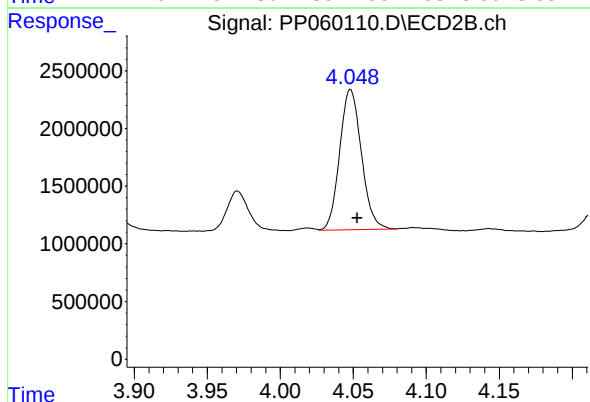
R.T.: 4.048 min
Delta R.T.: -0.006 min
Response: 12592497
Conc: 268.48 ng/ml



#11 AR-1232-1

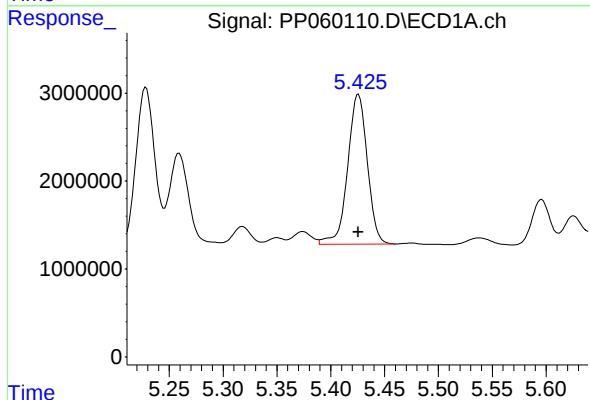
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 16662437
Conc: 357.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



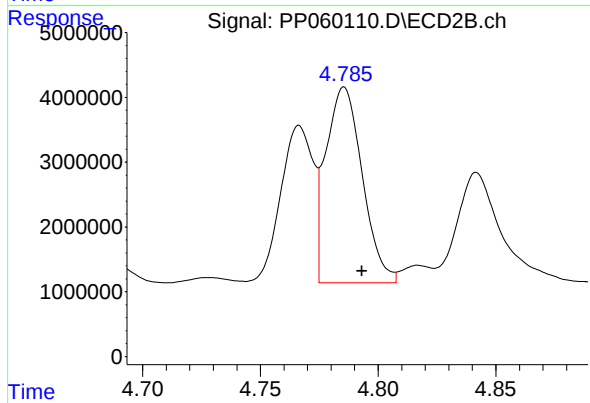
#11 AR-1232-1

R.T.: 4.048 min
Delta R.T.: -0.005 min
Response: 12592497
Conc: 331.26 ng/ml



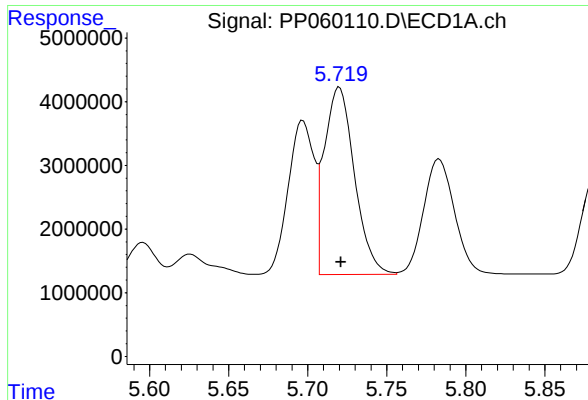
#12 AR-1232-2

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 21685564
Conc: 853.81 ng/ml



#12 AR-1232-2

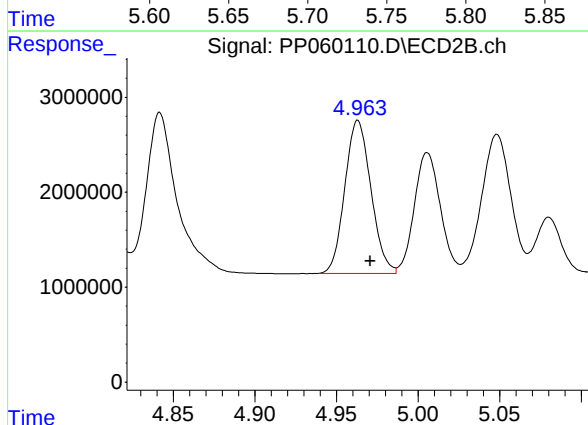
R.T.: 4.786 min
Delta R.T.: -0.008 min
Response: 32506152
Conc: 881.57 ng/ml



#13 AR-1232-3

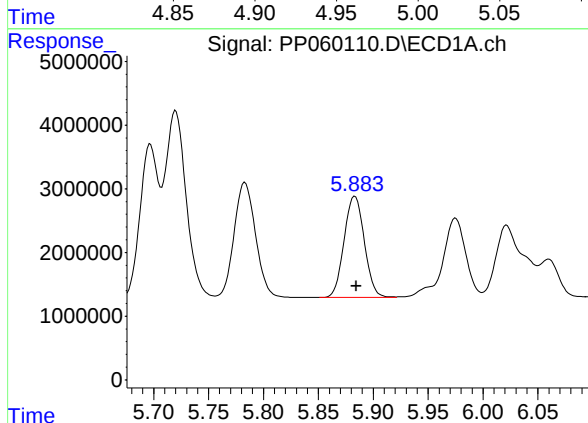
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 3920046
Conc: 907.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



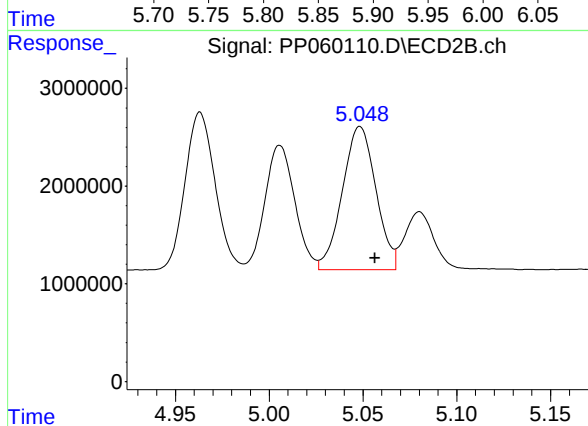
#13 AR-1232-3

R.T.: 4.963 min
Delta R.T.: -0.007 min
Response: 17946037
Conc: 896.25 ng/ml



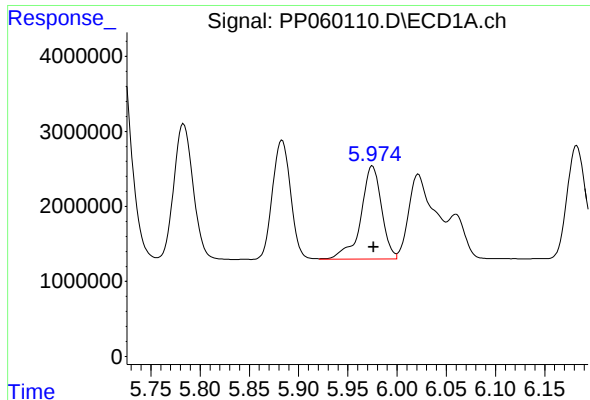
#14 AR-1232-4

R.T.: 5.883 min
Delta R.T.: -0.001 min
Response: 20408640
Conc: 923.35 ng/ml



#14 AR-1232-4

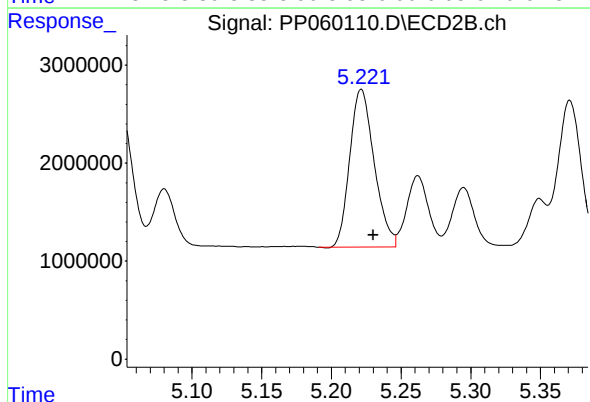
R.T.: 5.048 min
Delta R.T.: -0.008 min
Response: 18241872
Conc: 998.65 ng/ml



#15 AR-1232-5

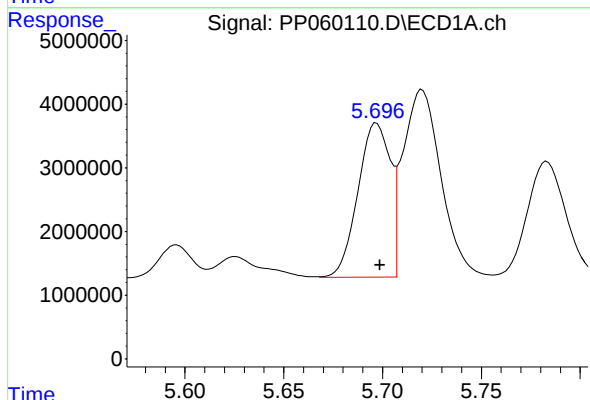
R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 18173103
Conc: 990.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



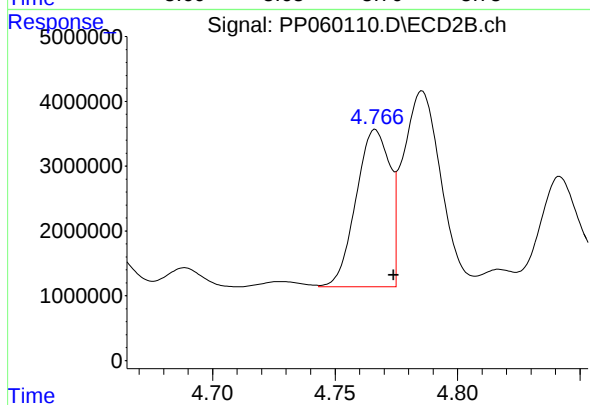
#15 AR-1232-5

R.T.: 5.222 min
Delta R.T.: -0.008 min
Response: 19675787
Conc: 981.37 ng/ml



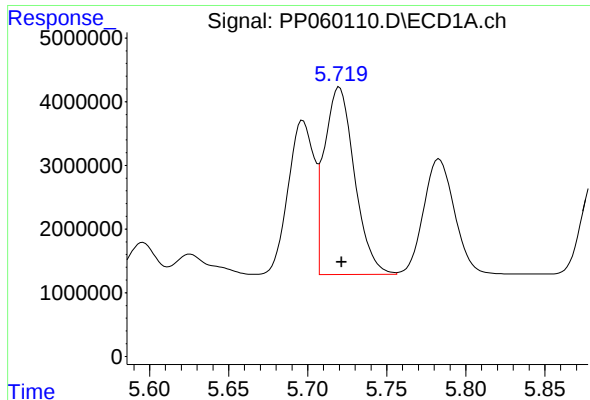
#16 AR-1242-1

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 27577041
Conc: 461.73 ng/ml



#16 AR-1242-1

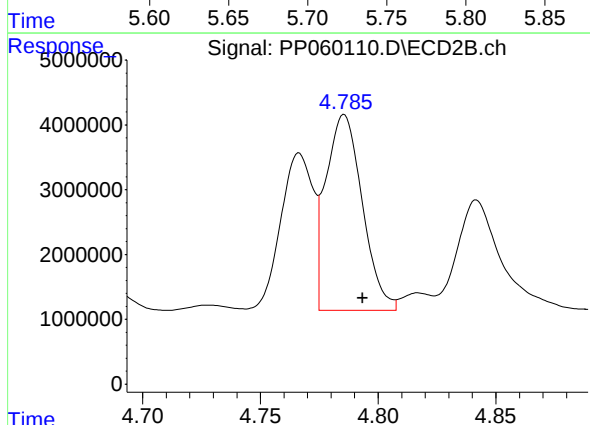
R.T.: 4.766 min
Delta R.T.: -0.007 min
Response: 23300311
Conc: 442.46 ng/ml



#17 AR-1242-2

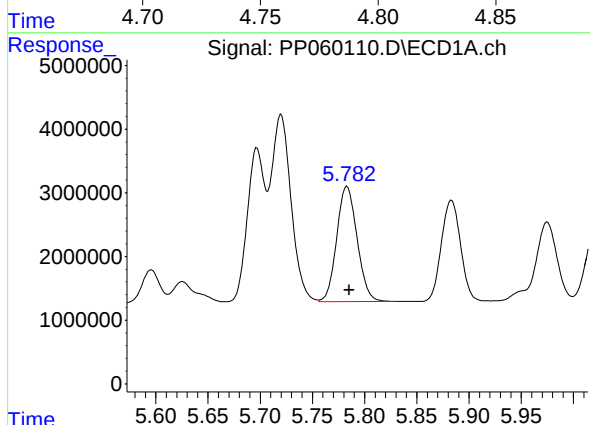
R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 39200046
Conc: 466.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



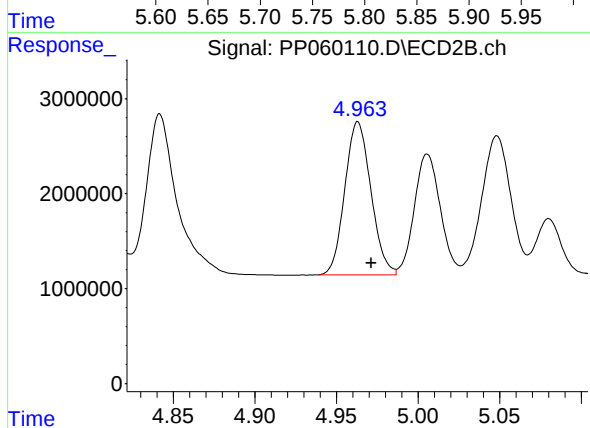
#17 AR-1242-2

R.T.: 4.786 min
Delta R.T.: -0.008 min
Response: 32506152
Conc: 451.12 ng/ml



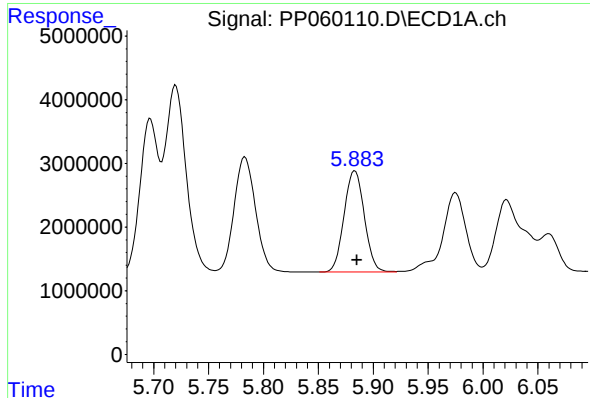
#18 AR-1242-3

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 24682508
Conc: 471.93 ng/ml



#18 AR-1242-3

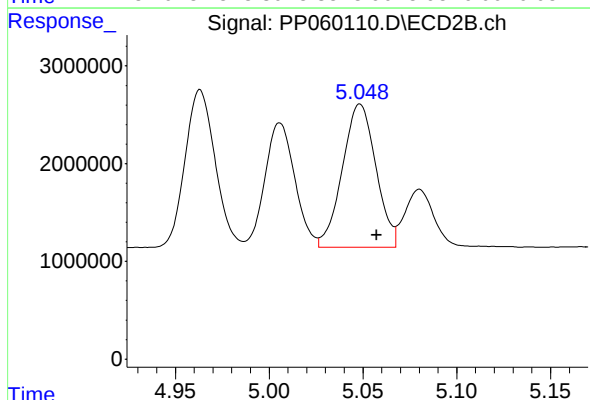
R.T.: 4.963 min
Delta R.T.: -0.008 min
Response: 17946037
Conc: 458.58 ng/ml



#19 AR-1242-4

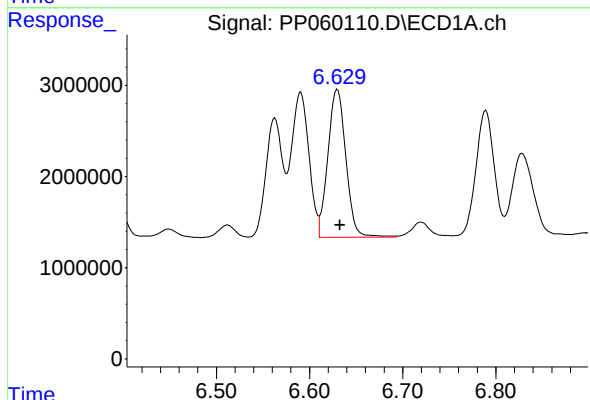
R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 20408640
Conc: 473.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



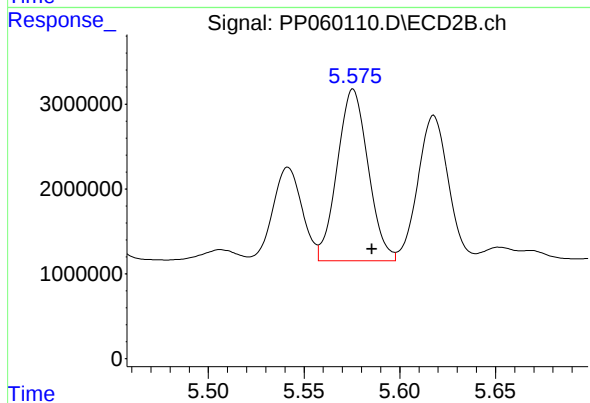
#19 AR-1242-4

R.T.: 5.048 min
Delta R.T.: -0.009 min
Response: 18241872
Conc: 465.48 ng/ml



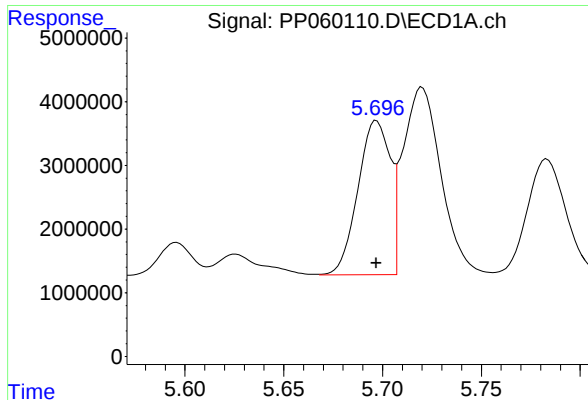
#20 AR-1242-5

R.T.: 6.630 min
Delta R.T.: -0.003 min
Response: 21797732
Conc: 476.77 ng/ml



#20 AR-1242-5

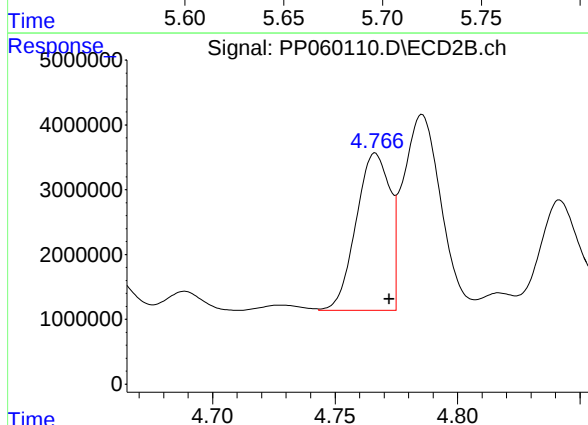
R.T.: 5.576 min
Delta R.T.: -0.010 min
Response: 22691645
Conc: 469.03 ng/ml



#21 AR-1248-1

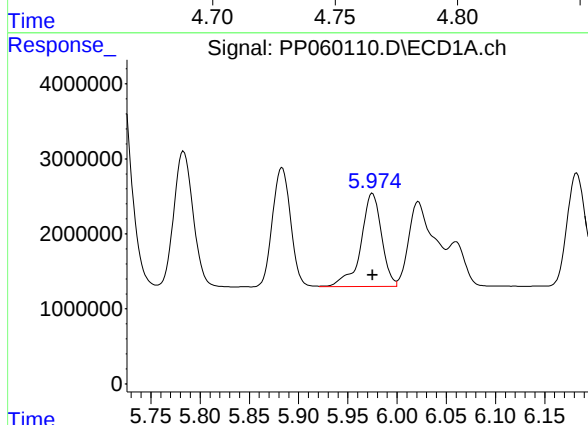
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 27577041
Conc: 616.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



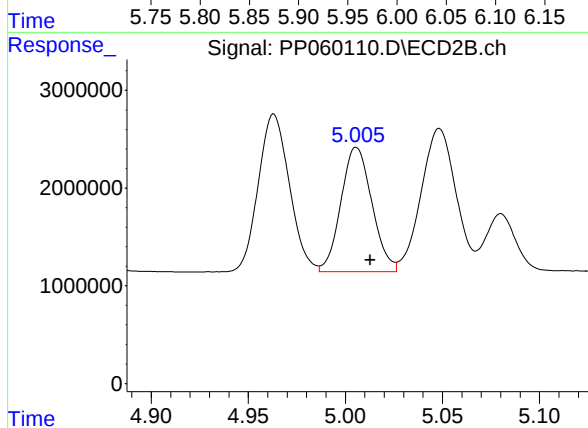
#21 AR-1248-1

R.T.: 4.766 min
Delta R.T.: -0.006 min
Response: 23300311
Conc: 596.33 ng/ml



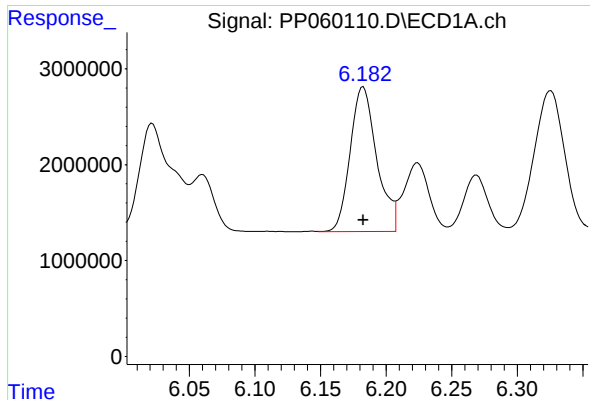
#22 AR-1248-2

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 18173103
Conc: 280.61 ng/ml



#22 AR-1248-2

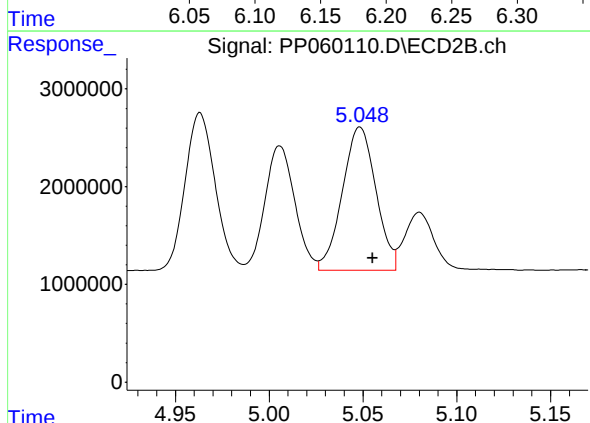
R.T.: 5.006 min
Delta R.T.: -0.007 min
Response: 14145220
Conc: 261.06 ng/ml



#23 AR-1248-3

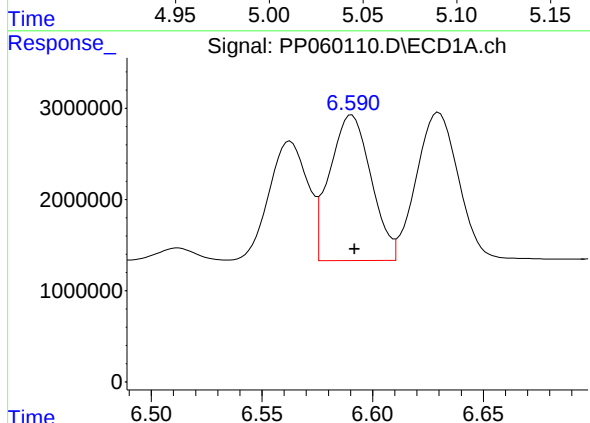
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 21247691
Conc: 300.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



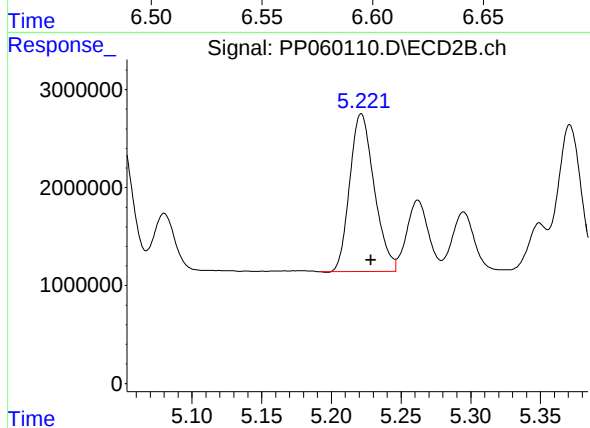
#23 AR-1248-3

R.T.: 5.048 min
Delta R.T.: -0.007 min
Response: 18241872
Conc: 320.60 ng/ml



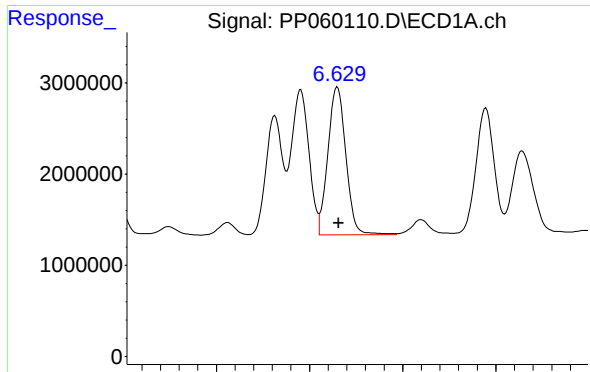
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 20820843
Conc: 269.20 ng/ml



#24 AR-1248-4

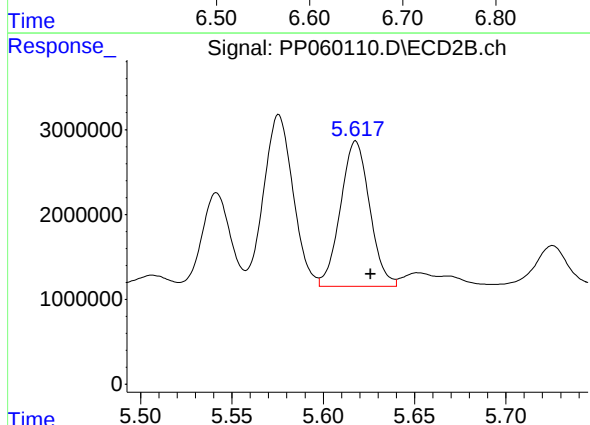
R.T.: 5.222 min
Delta R.T.: -0.007 min
Response: 19675787
Conc: 292.95 ng/ml



#25 AR-1248-5

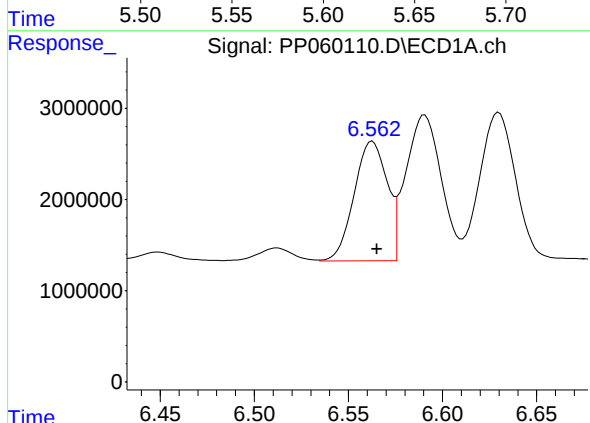
R.T.: 6.630 min
Delta R.T.: -0.001 min
Response: 21797732
Conc: 289.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



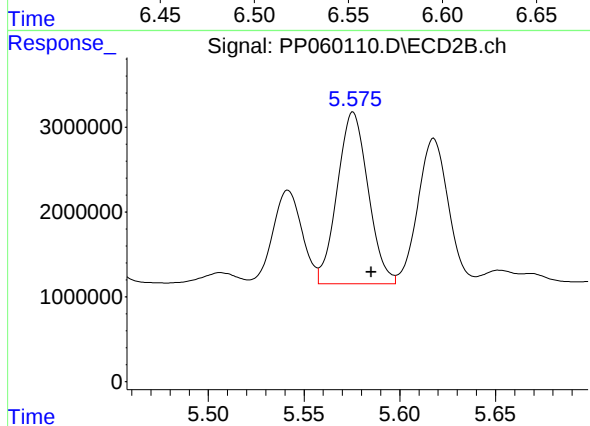
#25 AR-1248-5

R.T.: 5.618 min
Delta R.T.: -0.008 min
Response: 19055001
Conc: 288.87 ng/ml



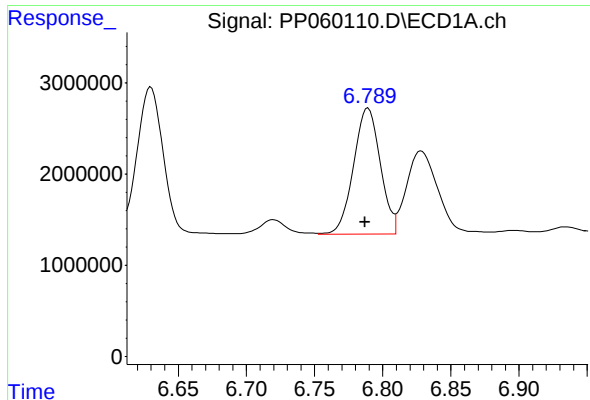
#26 AR-1254-1

R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 16025202
Conc: 200.73 ng/ml



#26 AR-1254-1

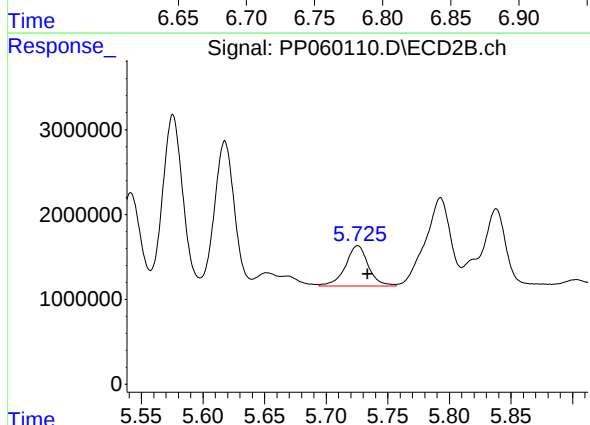
R.T.: 5.576 min
Delta R.T.: -0.009 min
Response: 22691645
Conc: 226.11 ng/ml



#27 AR-1254-2

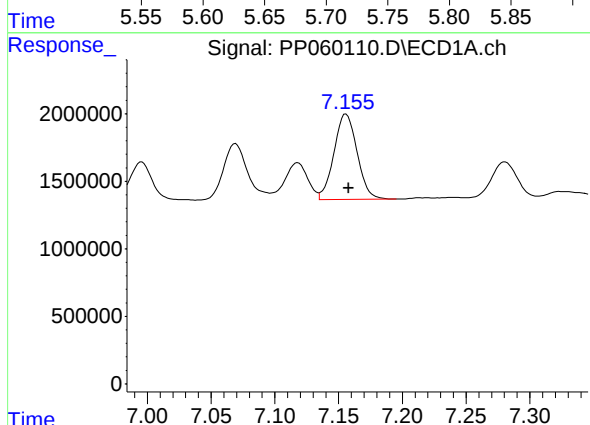
R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 18842229
Conc: 157.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



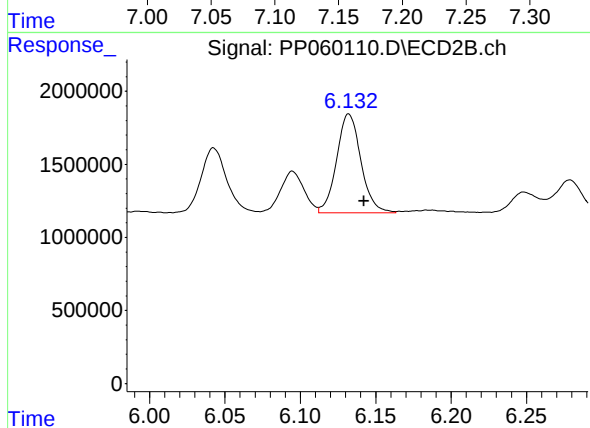
#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: -0.008 min
Response: 6157931
Conc: 70.88 ng/ml



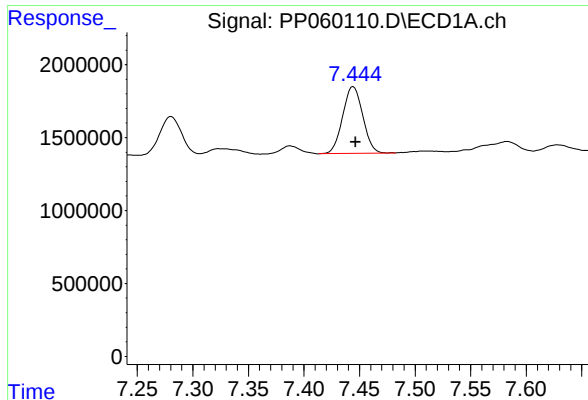
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 8018438
Conc: 66.01 ng/ml



#28 AR-1254-3

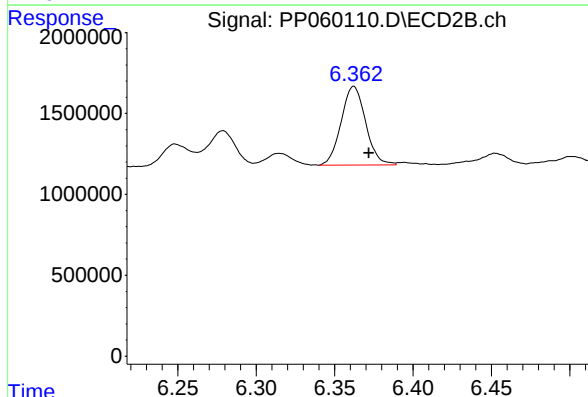
R.T.: 6.132 min
Delta R.T.: -0.010 min
Response: 7597673
Conc: 54.11 ng/ml



#29 AR-1254-4

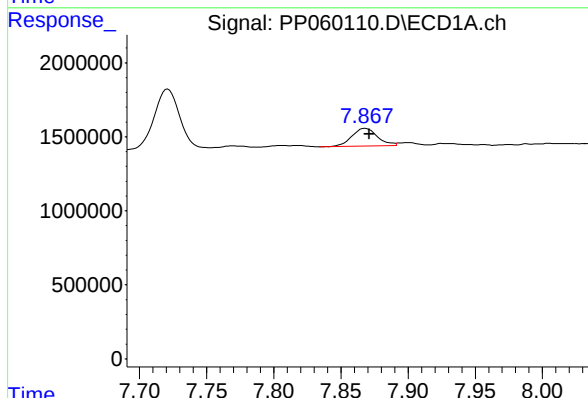
R.T.: 7.444 min
Delta R.T.: -0.002 min
Response: 5765228
Conc: 64.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



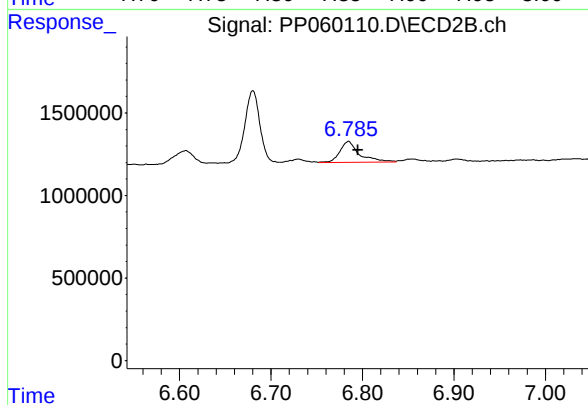
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: -0.010 min
Response: 5303577
Conc: 63.01 ng/ml



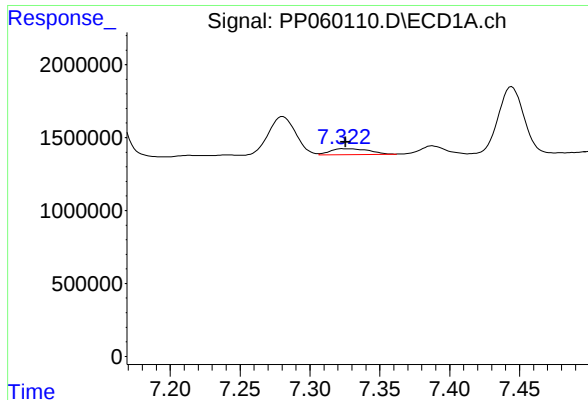
#30 AR-1254-5

R.T.: 7.868 min
Delta R.T.: -0.003 min
Response: 1594576
Conc: 16.39 ng/ml



#30 AR-1254-5

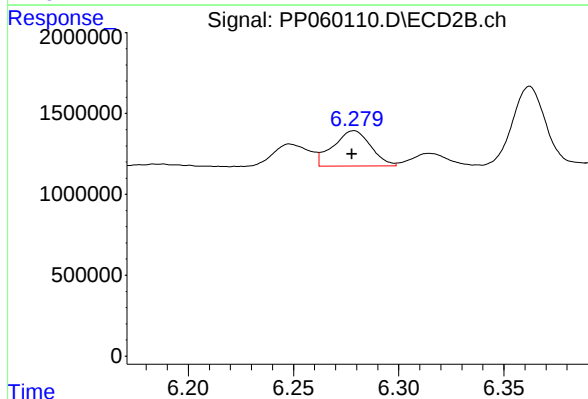
R.T.: 6.785 min
Delta R.T.: -0.010 min
Response: 1928330
Conc: 16.26 ng/ml



#31 AR-1260-1

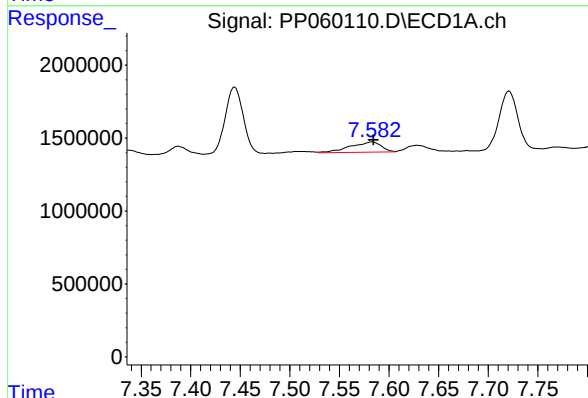
R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 786916
Conc: 8.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



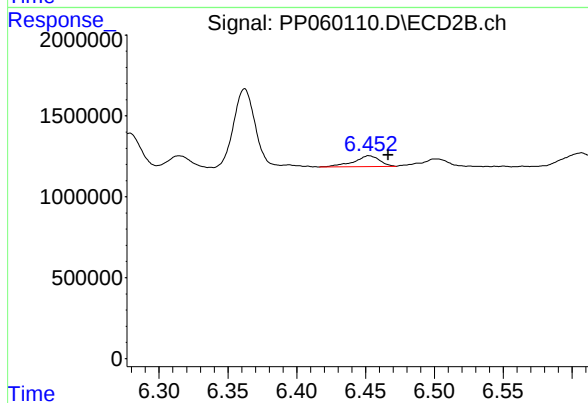
#31 AR-1260-1

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 2715947
Conc: 29.17 ng/ml



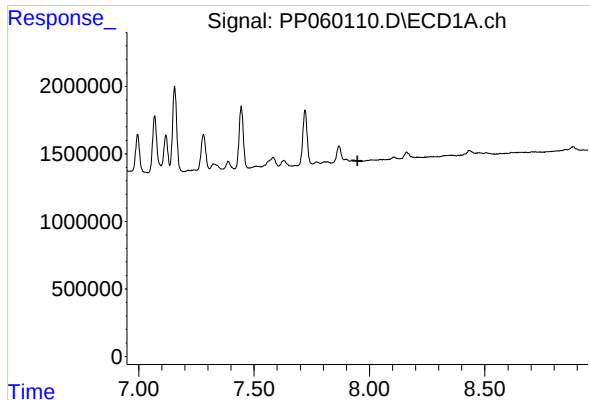
#32 AR-1260-2

R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 1539253
Conc: 15.00 ng/ml



#32 AR-1260-2

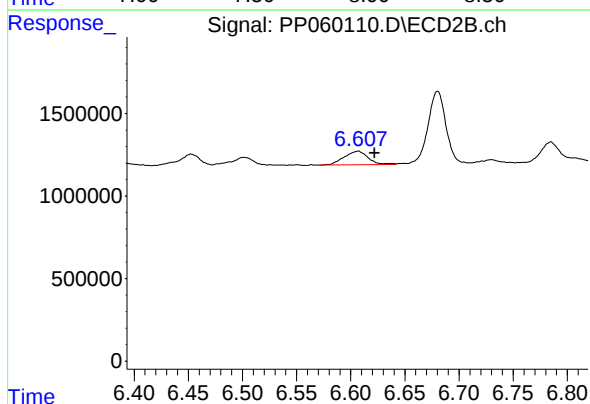
R.T.: 6.453 min
Delta R.T.: -0.014 min
Response: 860846
Conc: 7.85 ng/ml



#33 AR-1260-3

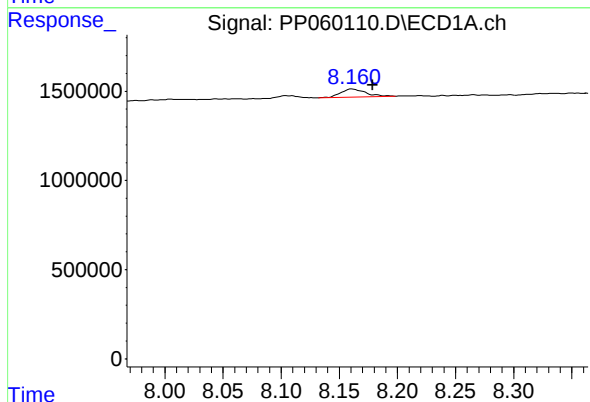
R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



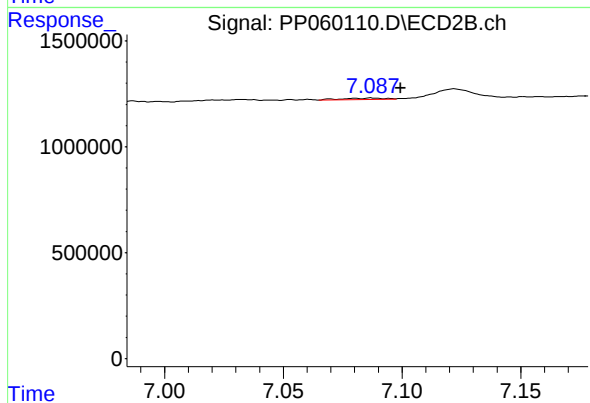
#33 AR-1260-3

R.T.: 6.607 min
Delta R.T.: -0.015 min
Response: 1248575
Conc: 12.14 ng/ml



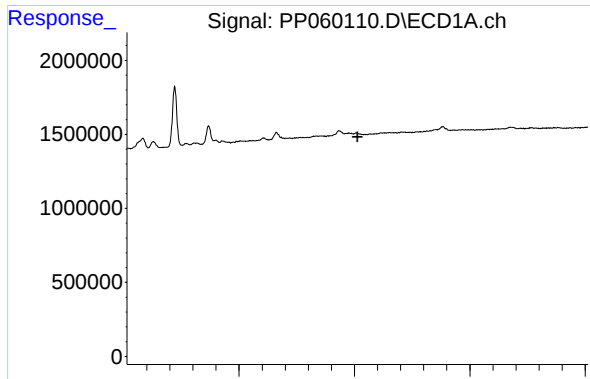
#34 AR-1260-4

R.T.: 8.161 min
Delta R.T.: -0.017 min
Response: 673775
Conc: 7.52 ng/ml



#34 AR-1260-4

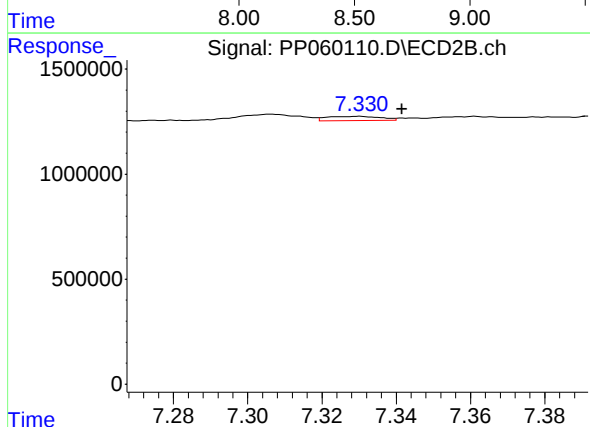
R.T.: 7.087 min
Delta R.T.: -0.012 min
Response: 86566
Conc: 1.04 ng/ml



#35 AR-1260-5

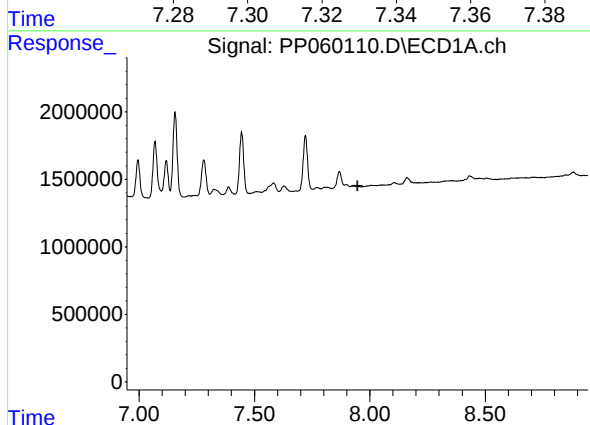
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



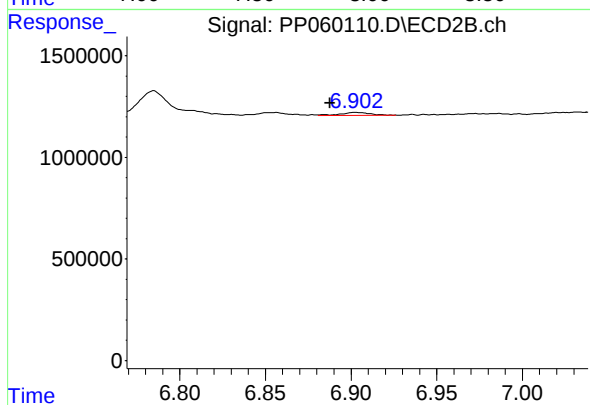
#35 AR-1260-5

R.T.: 7.330 min
Delta R.T.: -0.011 min
Response: 205695
Conc: 1.07 ng/ml



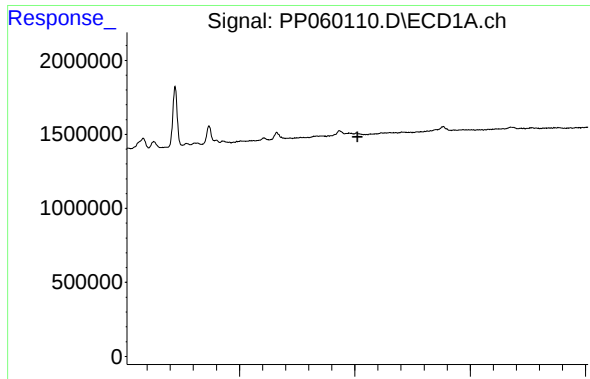
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.947 min
Response: 0
Conc: N.D.



#36 AR-1262-1

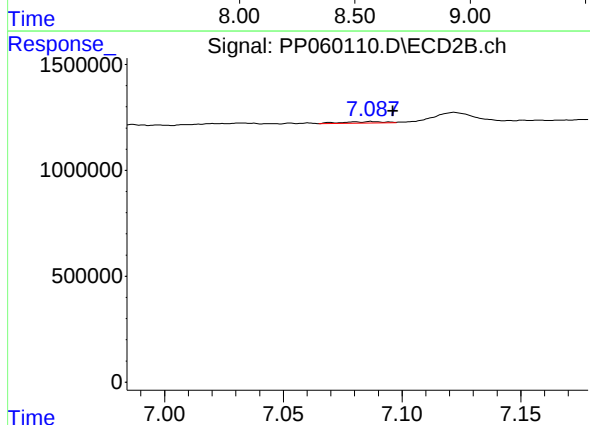
R.T.: 6.903 min
Delta R.T.: 0.015 min
Response: 173029
Conc: 3.43 ng/ml



#37 AR-1262-2

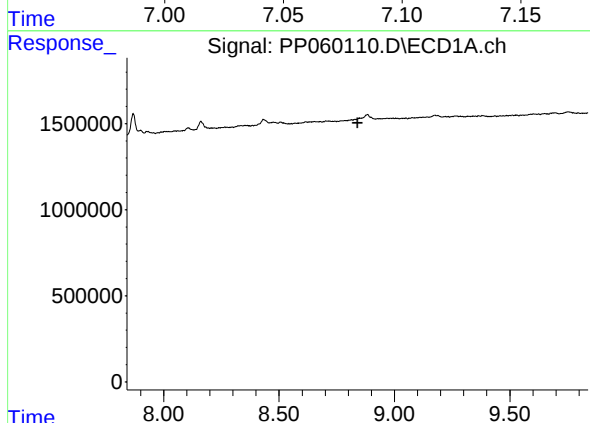
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



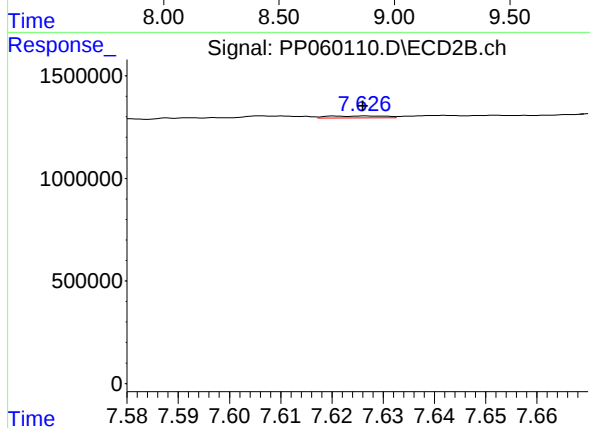
#37 AR-1262-2

R.T.: 7.087 min
Delta R.T.: -0.009 min
Response: 86566
Conc: 0.77 ng/ml



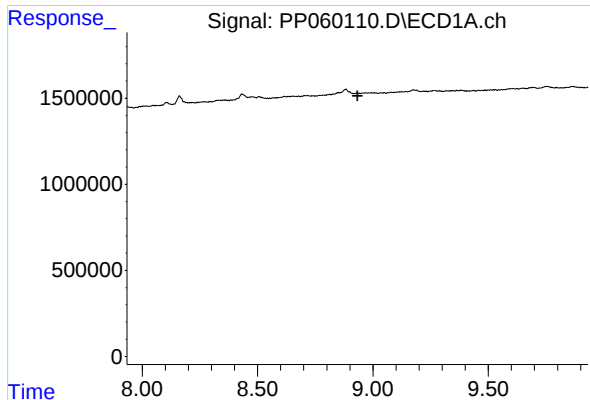
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.



#38 AR-1262-3

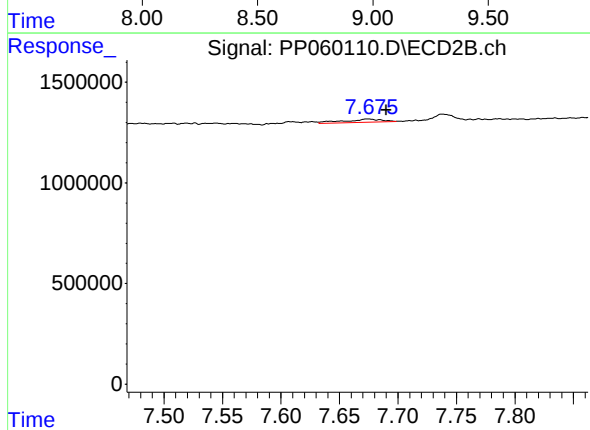
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 76159
Conc: 0.87 ng/ml



#39 AR-1262-4

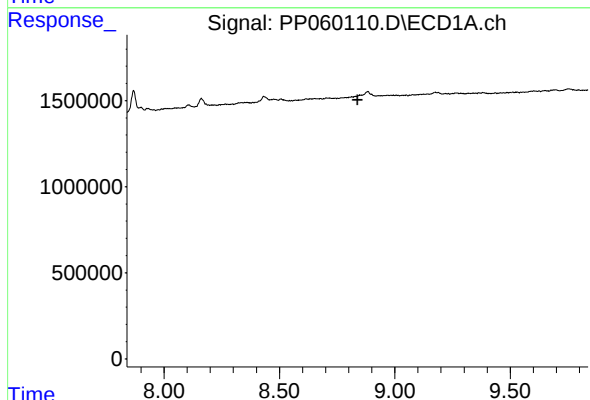
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



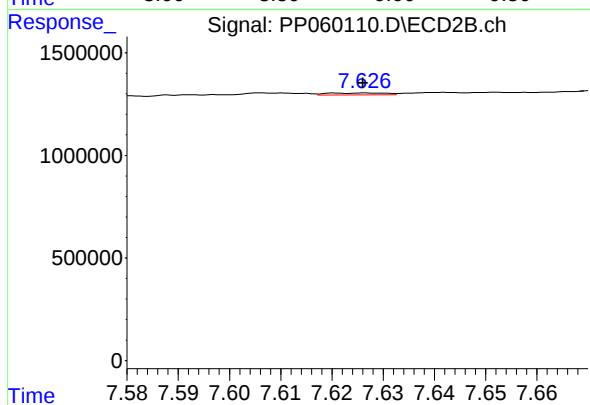
#39 AR-1262-4

R.T.: 7.675 min
Delta R.T.: -0.015 min
Response: 341374
Conc: 2.09 ng/ml



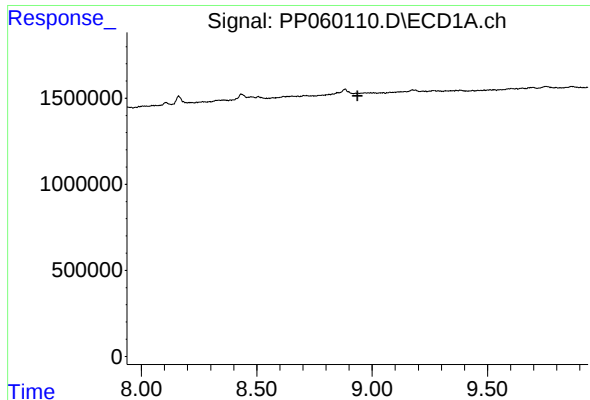
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.



#41 AR-1268-1

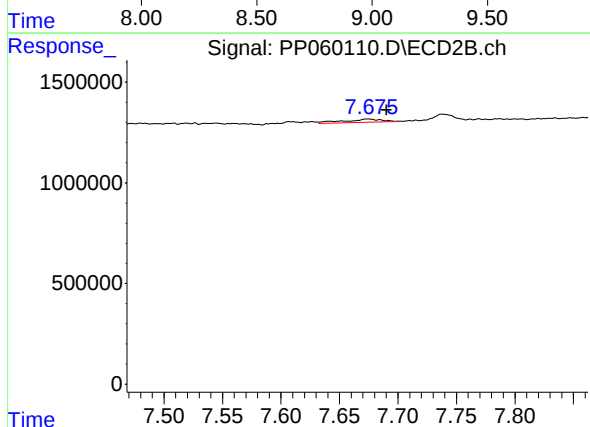
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 76159
Conc: 0.29 ng/ml



#42 AR-1268-2

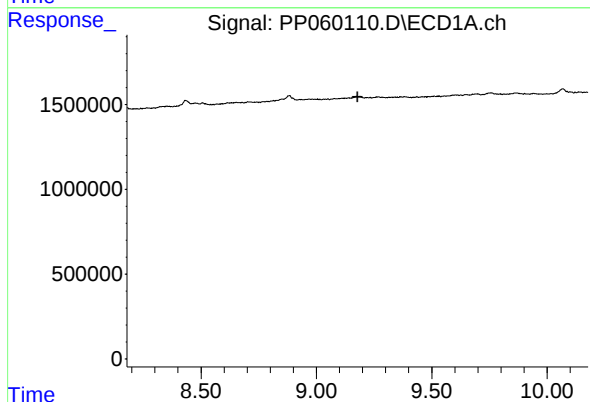
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



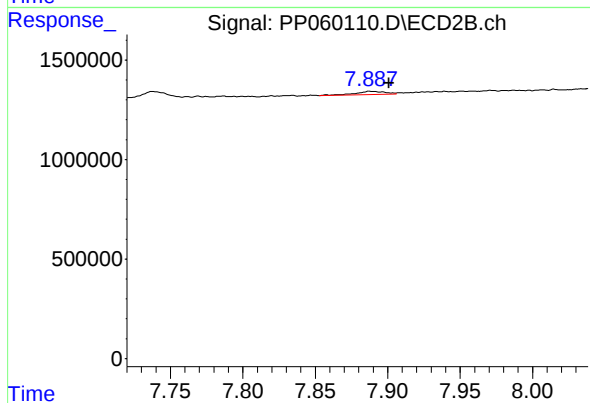
#42 AR-1268-2

R.T.: 7.675 min
Delta R.T.: -0.016 min
Response: 341374
Conc: 1.48 ng/ml



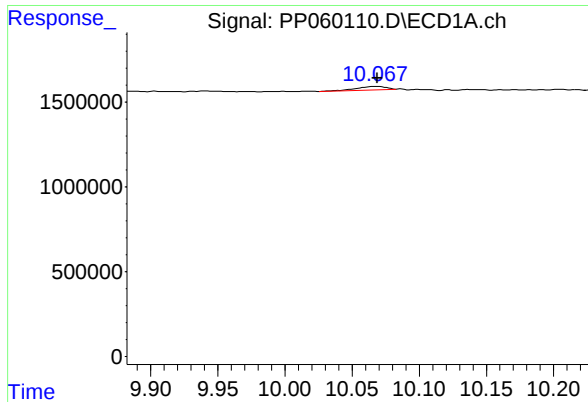
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

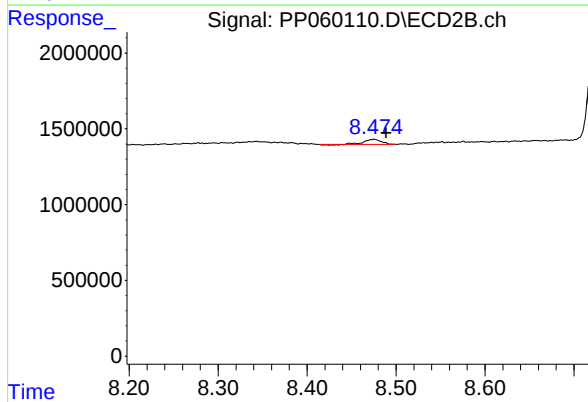
R.T.: 7.888 min
Delta R.T.: -0.013 min
Response: 222655
Conc: 1.09 ng/ml



#45 AR-1268-5

R.T.: 10.068 min
Delta R.T.: 0.000 min
Response: 313169
Conc: 0.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.475 min
Delta R.T.: -0.014 min
Response: 456234
Conc: 0.72 ng/ml