

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 00:53
 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 26 02:56:45 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...	4.507	3.663	94905072	70113662	45.621	43.044
2) SA Decachlor...	10.422	8.729	76194165	64518589	49.952	42.610
Target Compounds						
3) L1 AR-1016-1	5.694	4.781	27810096	30883487	412.154	513.735
4) L1 AR-1016-2	5.717	4.781	39221032	30883487	410.000	372.082
5) L1 AR-1016-3	5.780	4.958	24823037	16224121	417.033	361.669
6) L1 AR-1016-4	5.880	5.001	20426262	12881864	417.150	365.144
7) L1 AR-1016-5	6.179	5.216	21374692	18913565	434.729	406.774
8) L2 AR-1221-1	4.714	3.879	3783193	2888640	142.315	131.512
9) L2 AR-1221-2	4.806	3.966	5191857	3568399	263.773	231.130
10) L2 AR-1221-3	4.883	4.043	16691085	12395760	292.217	264.284
11) L3 AR-1232-1	4.883	4.043	16691085	12395760	357.758	326.088
12) L3 AR-1232-2	5.421	4.781	22292969	30883487	877.720	837.561
13) L3 AR-1232-3	5.717	4.958	39221032	16224121	907.824	810.254
14) L3 AR-1232-4	5.880	5.043	20426262	16909659	924.145	925.718
15) L3 AR-1232-5	5.972	5.216	18251224	18913565	994.869	943.354
16) L4 AR-1242-1	5.694	4.781	27810096	30883487	465.630	586.458 #
17) L4 AR-1242-2	5.717	4.781	39221032	30883487	466.711	428.601
18) L4 AR-1242-3	5.780	4.958	24823037	16224121	474.614	414.583
19) L4 AR-1242-4	5.880	5.043	20426262	16909659	474.015	431.485
20) L4 AR-1242-5	6.626	5.570f	21758910	21429264	475.922	442.936
21) L5 AR-1248-1	5.694	4.781	27810096	30883487	622.196	790.411 #
22) L5 AR-1248-2	5.972	5.001	18251224	12881864	281.812	237.745
23) L5 AR-1248-3	6.179	5.043	21374692	16909659	301.806	297.184
24) L5 AR-1248-4	6.587	5.216	20676825	18913565	267.335	281.606
25) L5 AR-1248-5	6.626	5.612	21758910	17973154	289.192	272.470
26) L6 AR-1254-1	6.559	5.570	16071575	21429264	201.306	213.531
27) L6 AR-1254-2	6.786	5.720	18789930	5787561	156.881	66.618 #
28) L6 AR-1254-3	7.152	6.127f	7854829	7282840	64.659	51.872
29) L6 AR-1254-4	7.441	6.357	6023313	5018231	67.730	59.616
30) L6 AR-1254-5	7.864	6.778	1591059	1731472	16.356	14.597
31) L7 AR-1260-1	7.320	6.273	1067653	2591601	11.845	27.832 #
32) L7 AR-1260-2	7.579	6.447f	1816268	734064	17.705	6.695 #
33) L7 AR-1260-3	0.000	6.601	0	1195596	N.D.	11.624 #
34) L7 AR-1260-4	8.159f	7.077	676229	93863	7.545	1.127 #
35) L7 AR-1260-5	0.000	7.355f	0	106357	N.D.	0.553 #
36) L8 AR-1262-1	0.000	6.896	0	177949	N.D.	3.526 #
37) L8 AR-1262-2	0.000	7.115f	0	543908	N.D.	4.814 #
39) L8 AR-1262-4	0.000	7.664f	0	432168	N.D.	2.646 #
42) L9 AR-1268-2	0.000	7.664f	0	432168	N.D.	1.869 #
43) L9 AR-1268-3	0.000	7.915	0	20612	N.D.	0.101 #
45) L9 AR-1268-5	10.061	8.466f	492555	500645	0.814	0.793

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QLast Update : Tue Sep 19 09:22:53 2023
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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

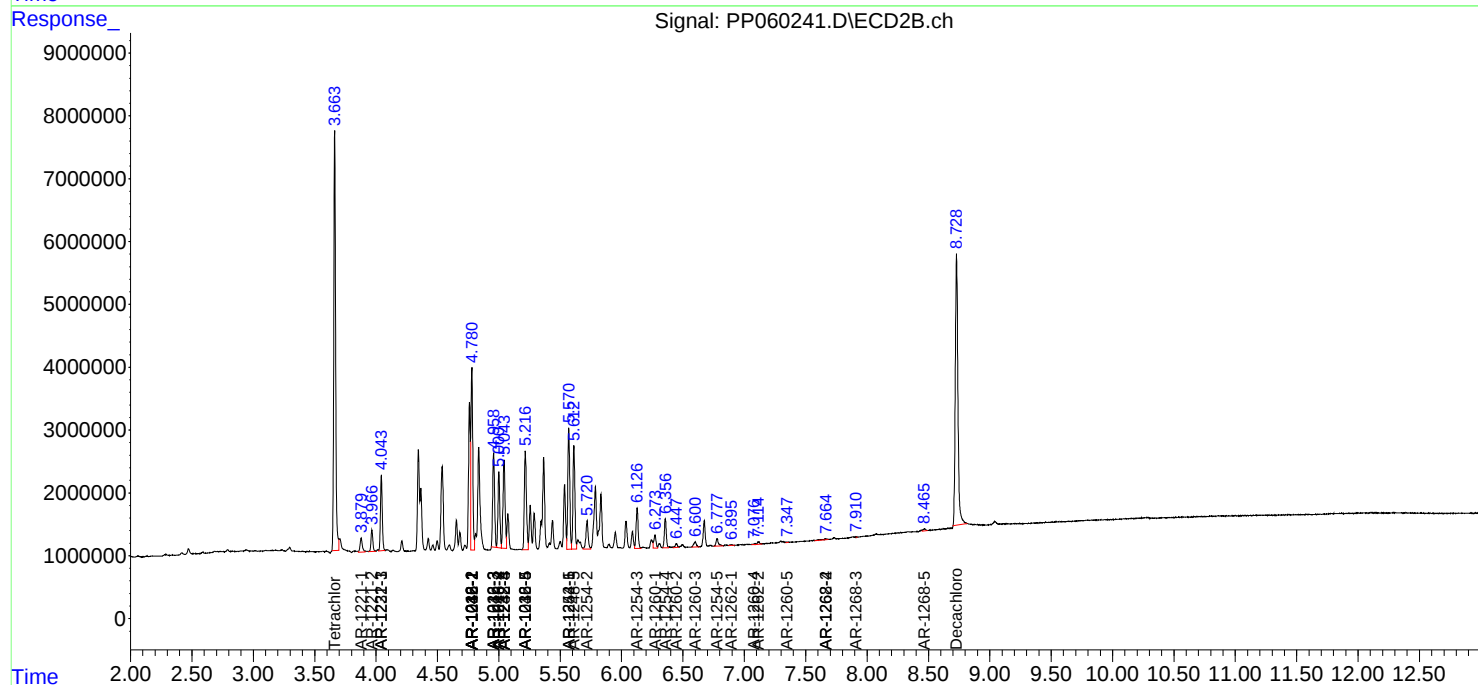
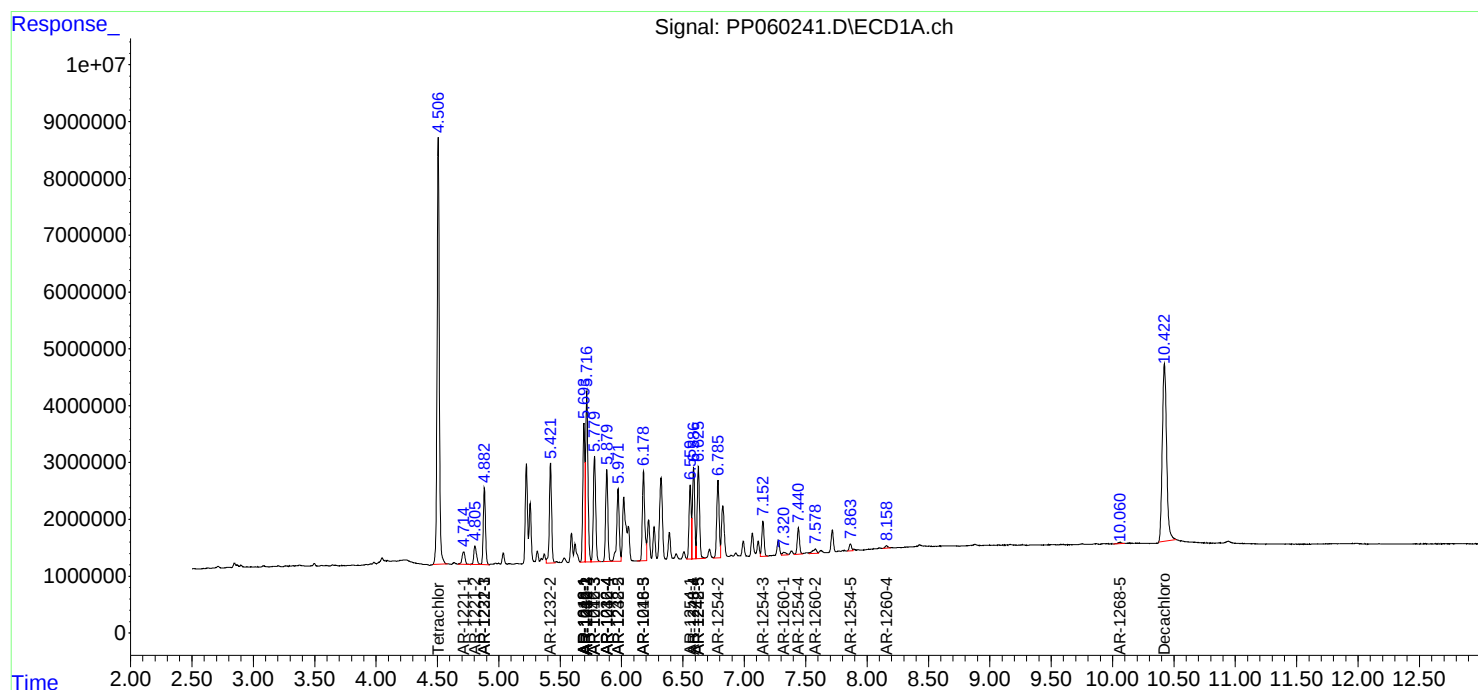
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

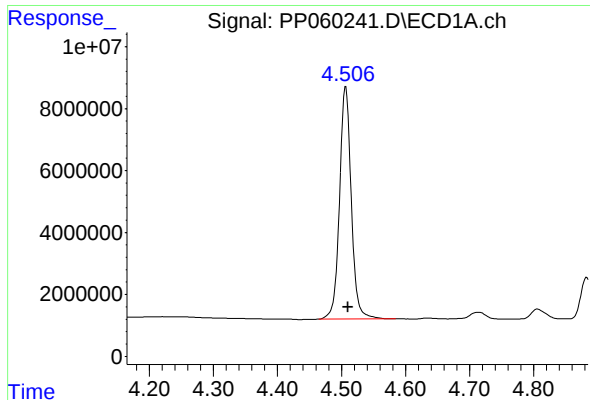
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
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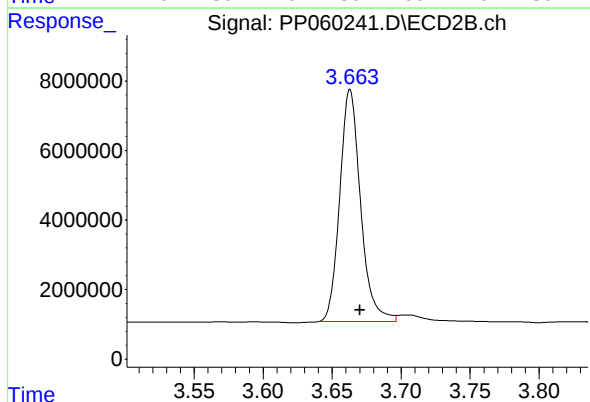




#1 Tetrachloro-m-xylene

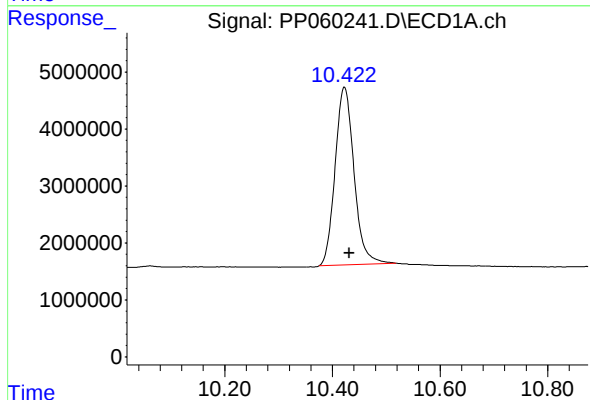
R.T.: 4.507 min
Delta R.T.: -0.003 min
Response: 94905072
Conc: 45.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



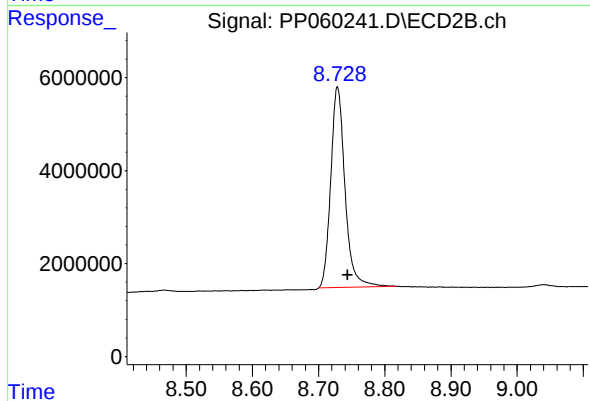
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.007 min
Response: 70113662
Conc: 43.04 ng/ml



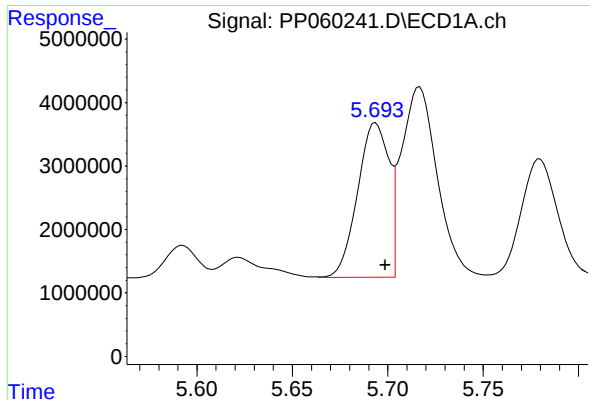
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: -0.010 min
Response: 76194165
Conc: 49.95 ng/ml



#2 Decachlorobiphenyl

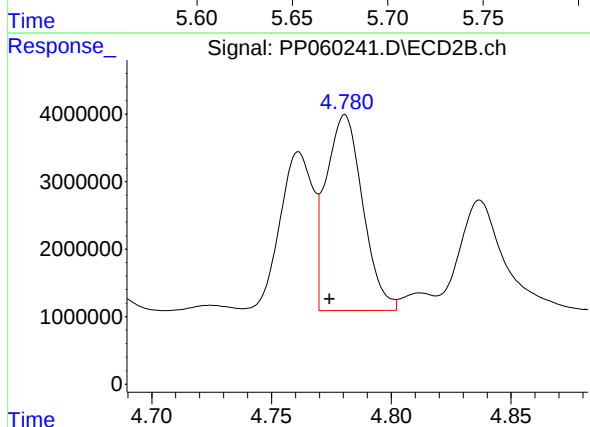
R.T.: 8.729 min
Delta R.T.: -0.015 min
Response: 64518589
Conc: 42.61 ng/ml



#3 AR-1016-1

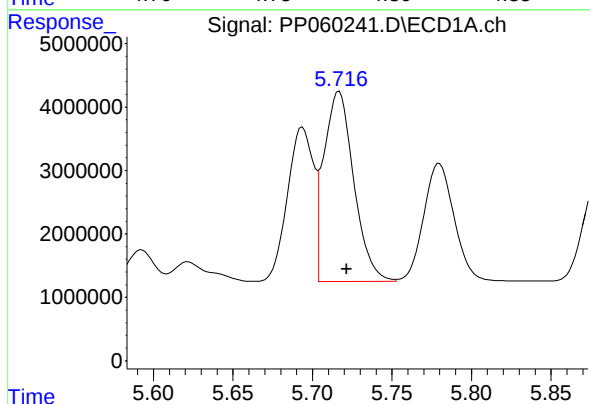
R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 27810096
Conc: 412.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



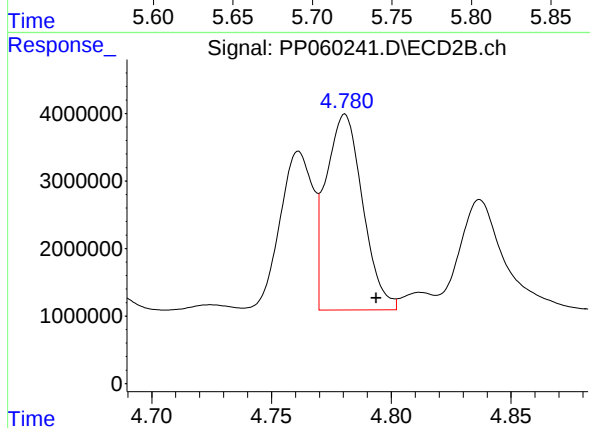
#3 AR-1016-1

R.T.: 4.781 min
Delta R.T.: 0.006 min
Response: 30883487
Conc: 513.73 ng/ml



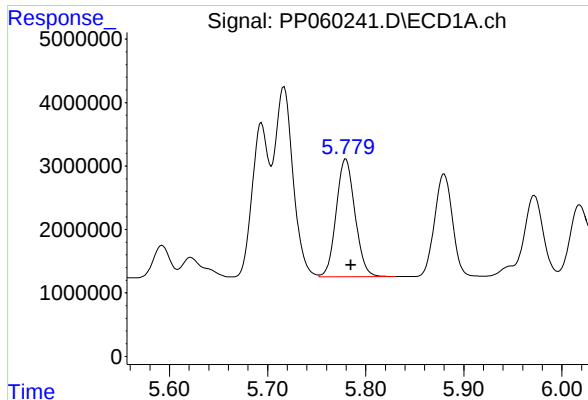
#4 AR-1016-2

R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 39221032
Conc: 410.00 ng/ml



#4 AR-1016-2

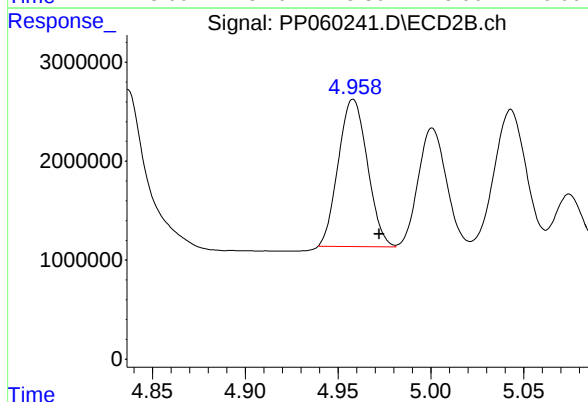
R.T.: 4.781 min
Delta R.T.: -0.013 min
Response: 30883487
Conc: 372.08 ng/ml



#5 AR-1016-3

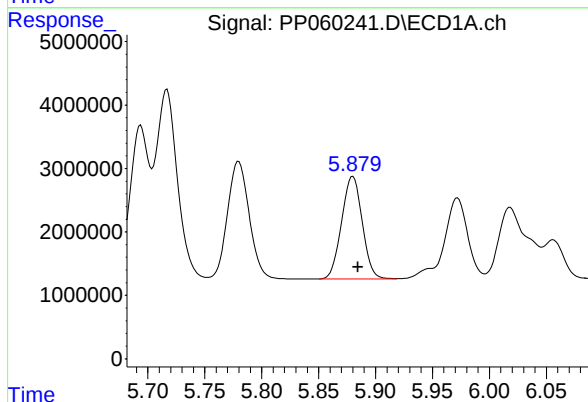
R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 24823037
Conc: 417.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



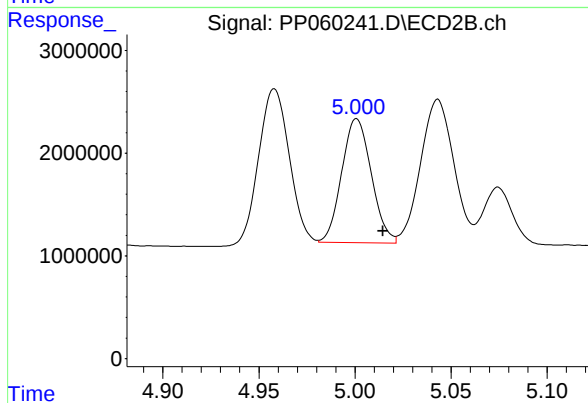
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.014 min
Response: 16224121
Conc: 361.67 ng/ml



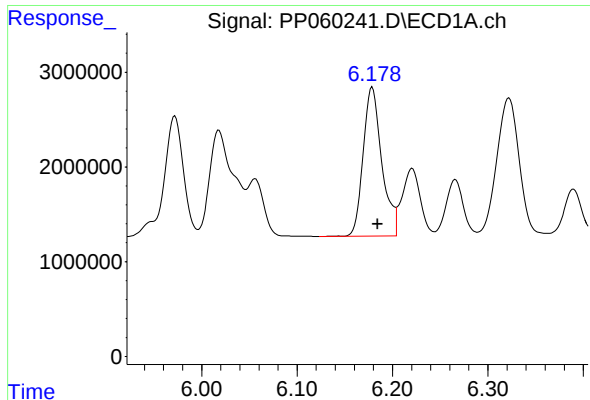
#6 AR-1016-4

R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 20426262
Conc: 417.15 ng/ml



#6 AR-1016-4

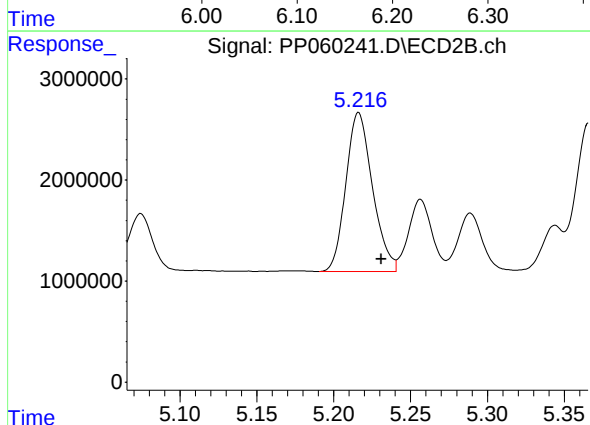
R.T.: 5.001 min
Delta R.T.: -0.014 min
Response: 12881864
Conc: 365.14 ng/ml



#7 AR-1016-5

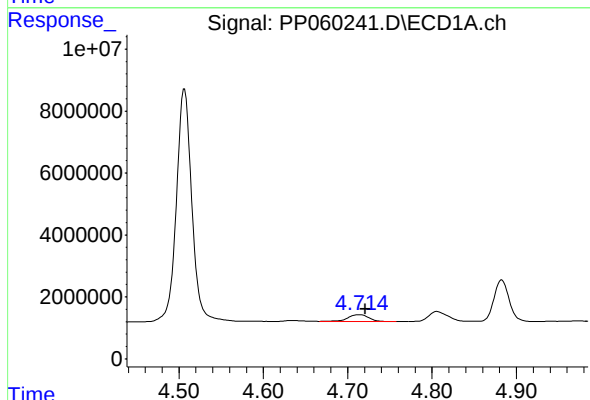
R.T.: 6.179 min
Delta R.T.: -0.006 min
Response: 21374692
Conc: 434.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



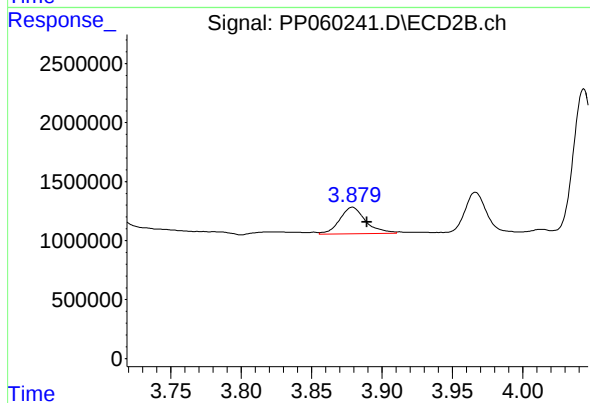
#7 AR-1016-5

R.T.: 5.216 min
Delta R.T.: -0.015 min
Response: 18913565
Conc: 406.77 ng/ml



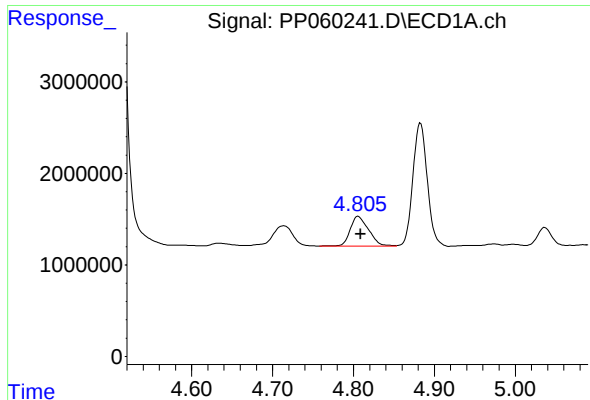
#8 AR-1221-1

R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 3783193
Conc: 142.32 ng/ml



#8 AR-1221-1

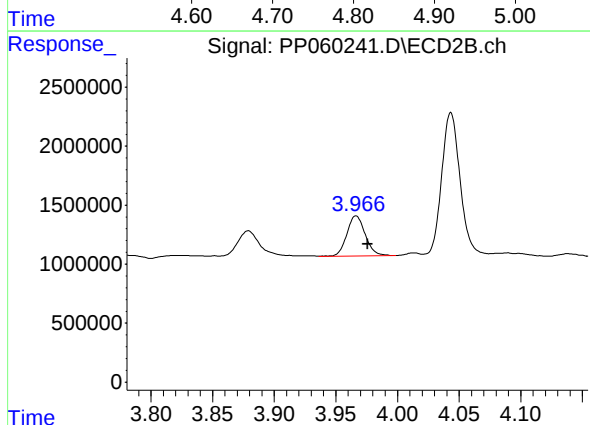
R.T.: 3.879 min
Delta R.T.: -0.010 min
Response: 2888640
Conc: 131.51 ng/ml



#9 AR-1221-2

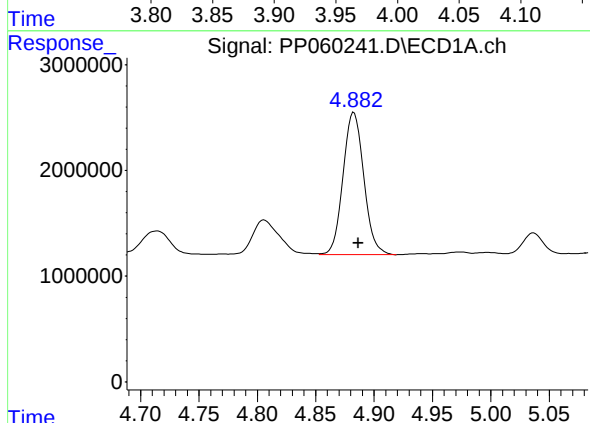
R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 5191857
Conc: 263.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



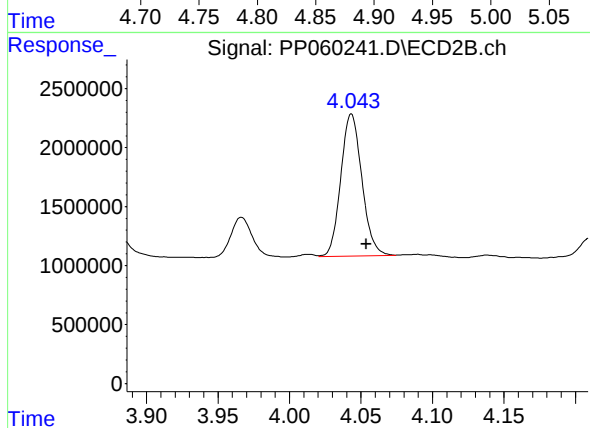
#9 AR-1221-2

R.T.: 3.966 min
Delta R.T.: -0.009 min
Response: 3568399
Conc: 231.13 ng/ml



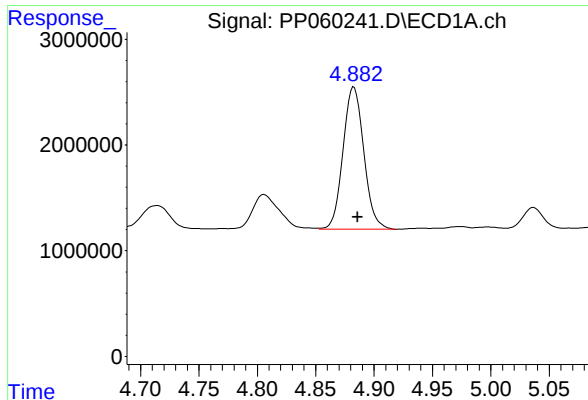
#10 AR-1221-3

R.T.: 4.883 min
Delta R.T.: -0.004 min
Response: 16691085
Conc: 292.22 ng/ml



#10 AR-1221-3

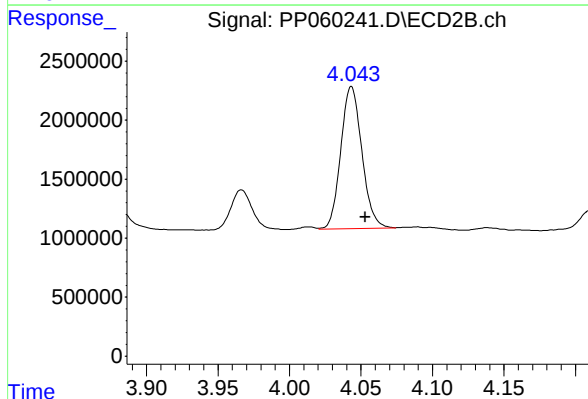
R.T.: 4.043 min
Delta R.T.: -0.010 min
Response: 12395760
Conc: 264.28 ng/ml



#11 AR-1232-1

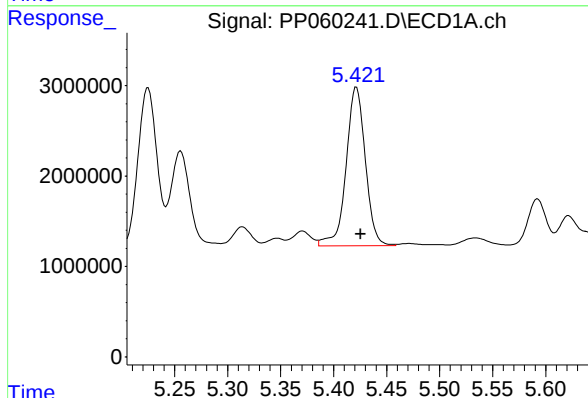
R.T.: 4.883 min
Delta R.T.: -0.003 min
Response: 16691085
Conc: 357.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



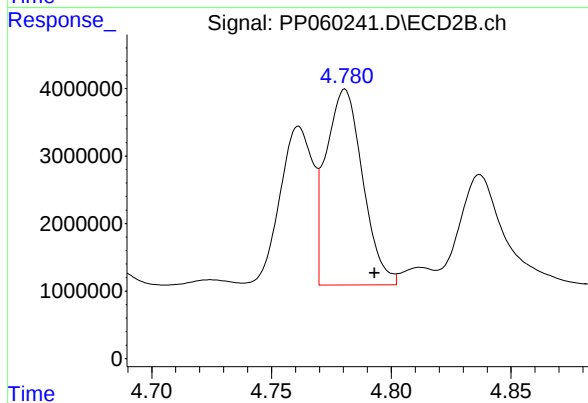
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: -0.010 min
Response: 12395760
Conc: 326.09 ng/ml



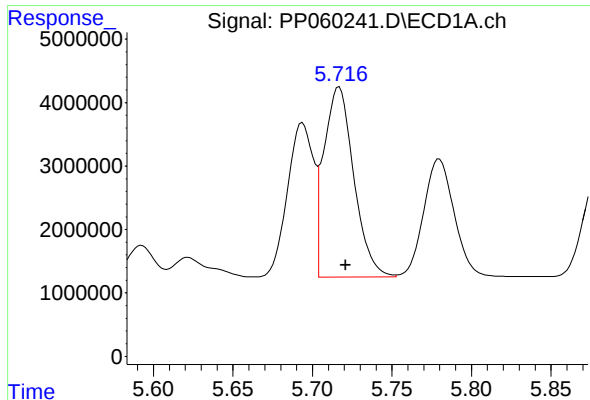
#12 AR-1232-2

R.T.: 5.421 min
Delta R.T.: -0.004 min
Response: 22292969
Conc: 877.72 ng/ml



#12 AR-1232-2

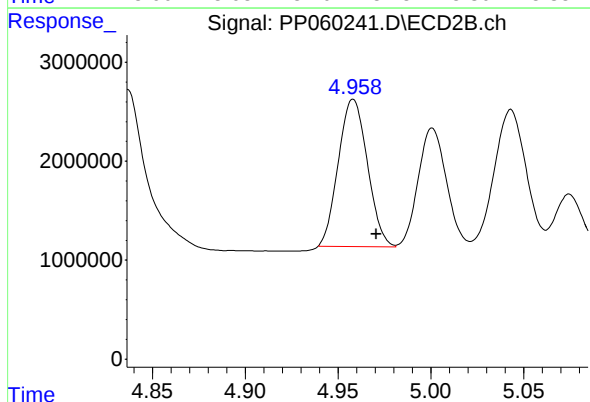
R.T.: 4.781 min
Delta R.T.: -0.012 min
Response: 30883487
Conc: 837.56 ng/ml



#13 AR-1232-3

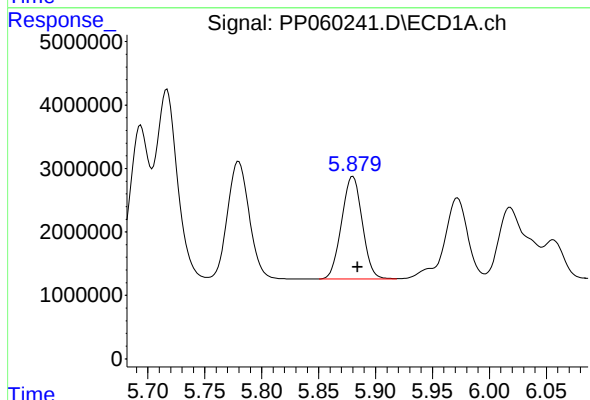
R.T.: 5.717 min
Delta R.T.: -0.004 min
Response: 39221032
Conc: 907.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



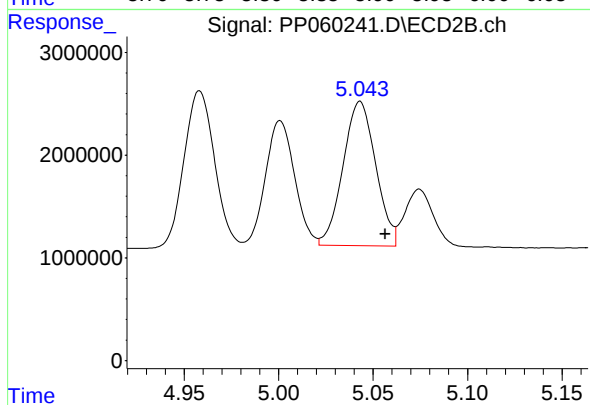
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: -0.013 min
Response: 16224121
Conc: 810.25 ng/ml



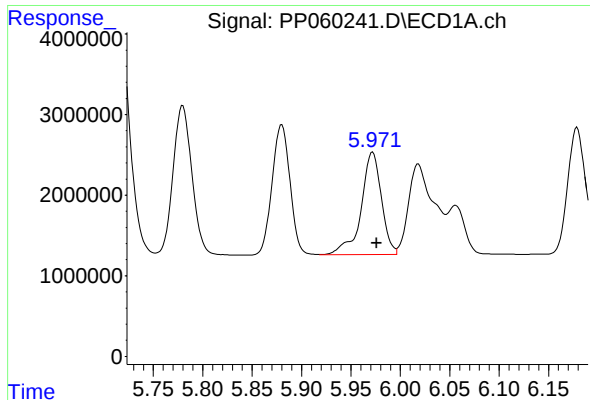
#14 AR-1232-4

R.T.: 5.880 min
Delta R.T.: -0.004 min
Response: 20426262
Conc: 924.15 ng/ml



#14 AR-1232-4

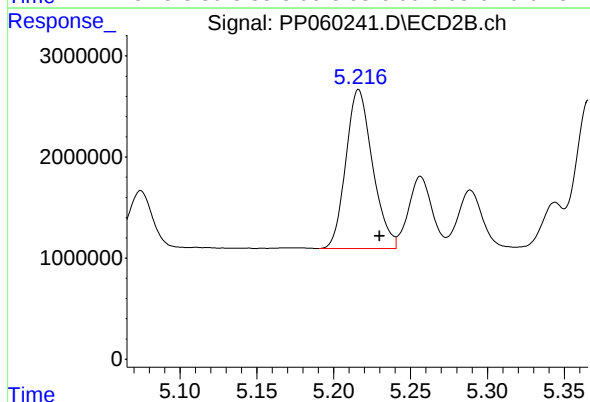
R.T.: 5.043 min
Delta R.T.: -0.013 min
Response: 16909659
Conc: 925.72 ng/ml



#15 AR-1232-5

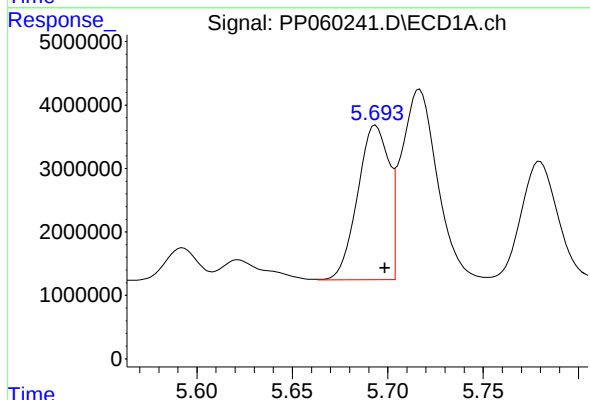
R.T.: 5.972 min
Delta R.T.: -0.004 min
Response: 18251224
Conc: 994.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



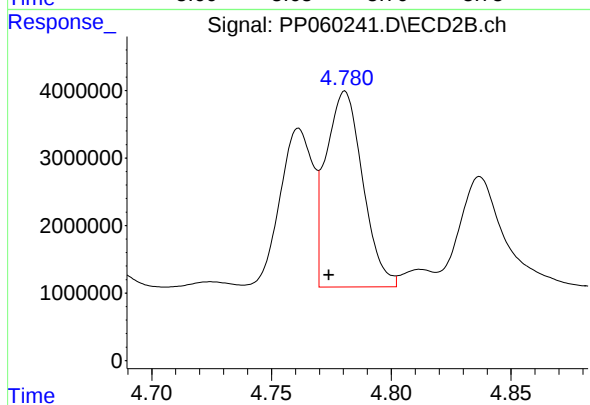
#15 AR-1232-5

R.T.: 5.216 min
Delta R.T.: -0.014 min
Response: 18913565
Conc: 943.35 ng/ml



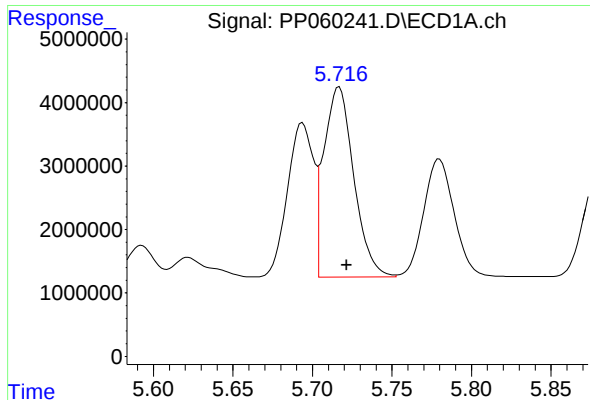
#16 AR-1242-1

R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 27810096
Conc: 465.63 ng/ml



#16 AR-1242-1

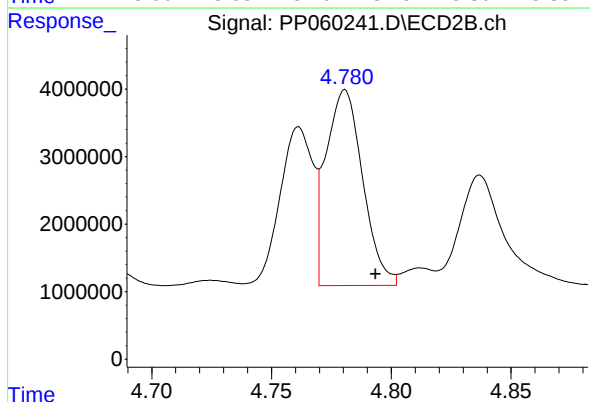
R.T.: 4.781 min
Delta R.T.: 0.007 min
Response: 30883487
Conc: 586.46 ng/ml



#17 AR-1242-2

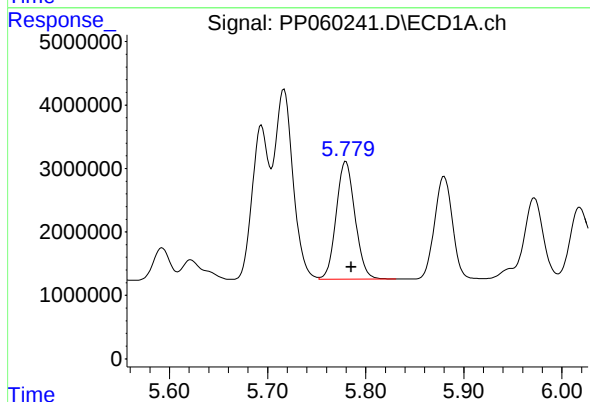
R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 39221032
Conc: 466.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



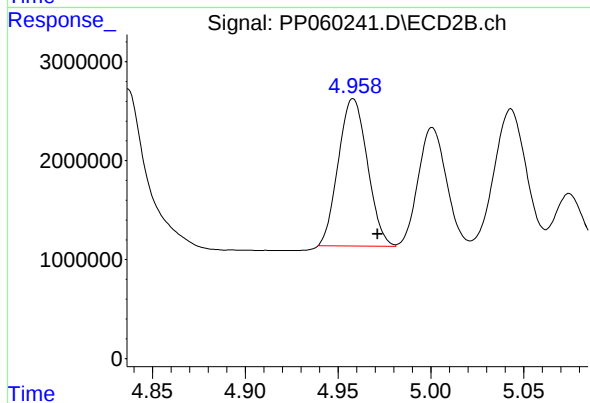
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: -0.013 min
Response: 30883487
Conc: 428.60 ng/ml



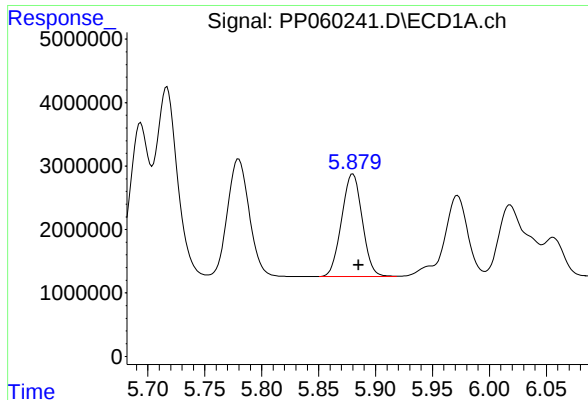
#18 AR-1242-3

R.T.: 5.780 min
Delta R.T.: -0.006 min
Response: 24823037
Conc: 474.61 ng/ml



#18 AR-1242-3

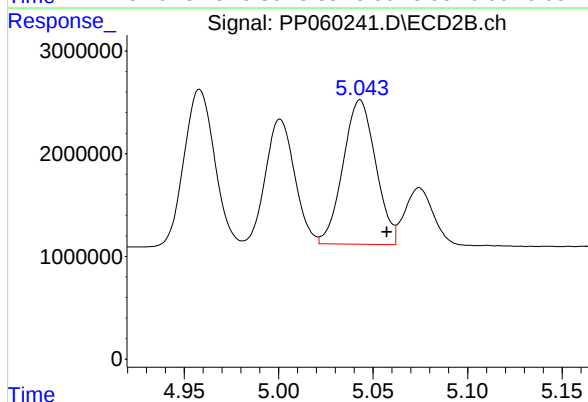
R.T.: 4.958 min
Delta R.T.: -0.013 min
Response: 16224121
Conc: 414.58 ng/ml



#19 AR-1242-4

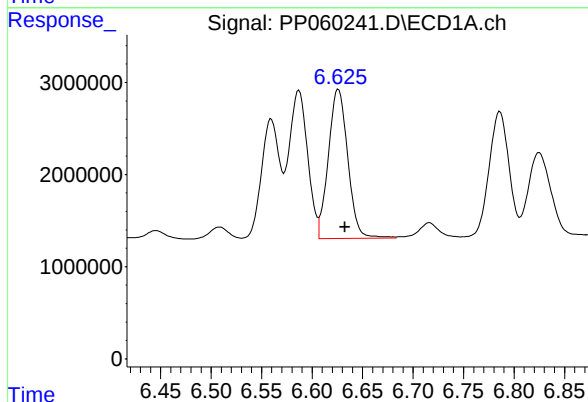
R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 20426262
Conc: 474.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



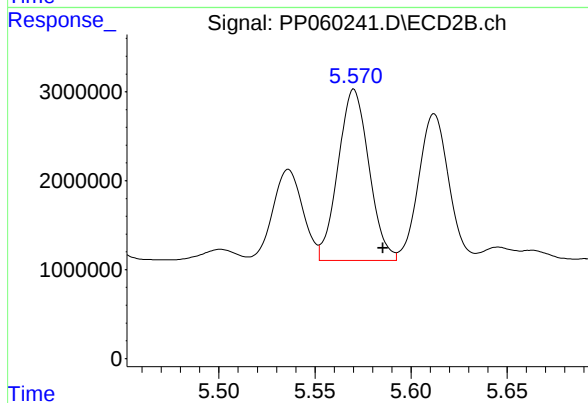
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.014 min
Response: 16909659
Conc: 431.48 ng/ml



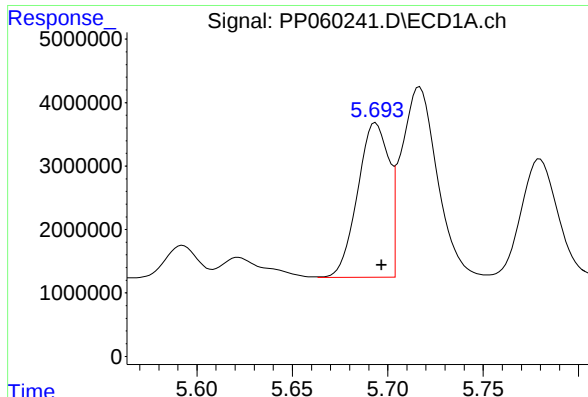
#20 AR-1242-5

R.T.: 6.626 min
Delta R.T.: -0.007 min
Response: 21758910
Conc: 475.92 ng/ml



#20 AR-1242-5

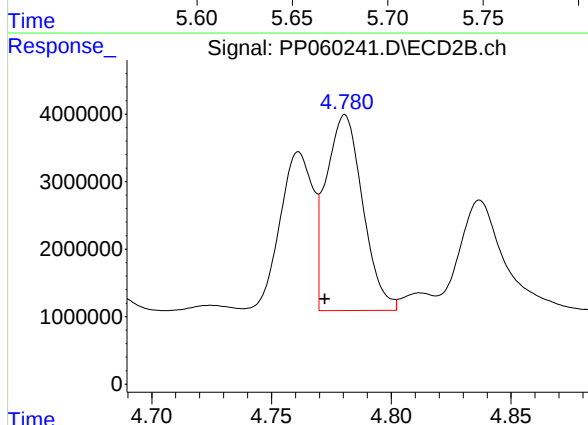
R.T.: 5.570 min
Delta R.T.: -0.015 min
Response: 21429264
Conc: 442.94 ng/ml



#21 AR-1248-1

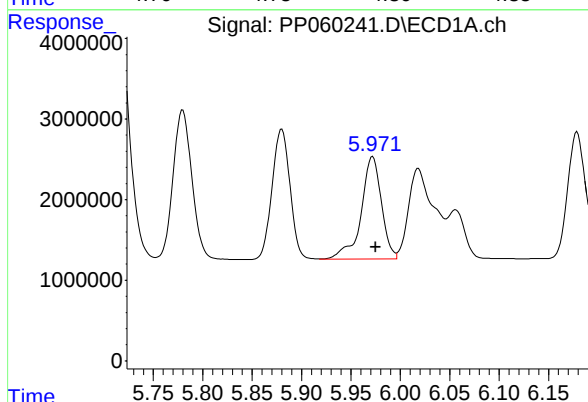
R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 27810096
Conc: 622.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



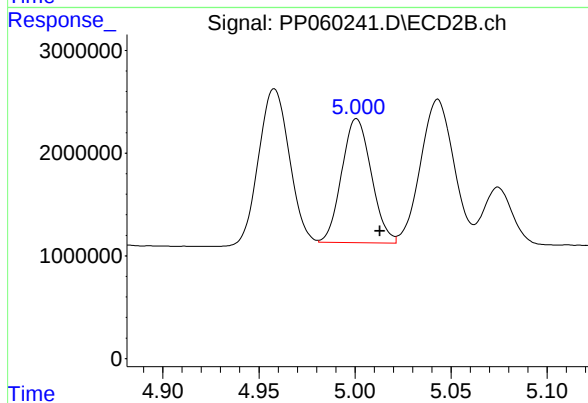
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: 0.008 min
Response: 30883487
Conc: 790.41 ng/ml



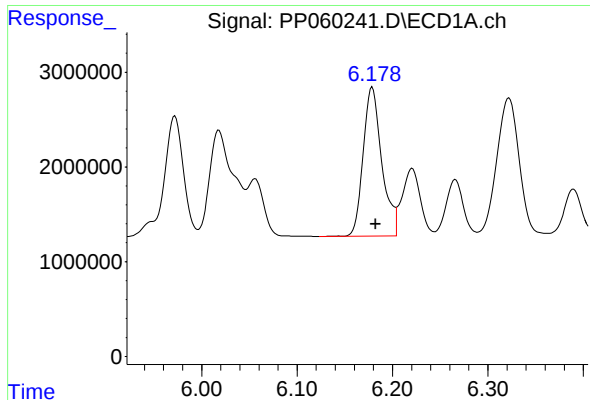
#22 AR-1248-2

R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 18251224
Conc: 281.81 ng/ml



#22 AR-1248-2

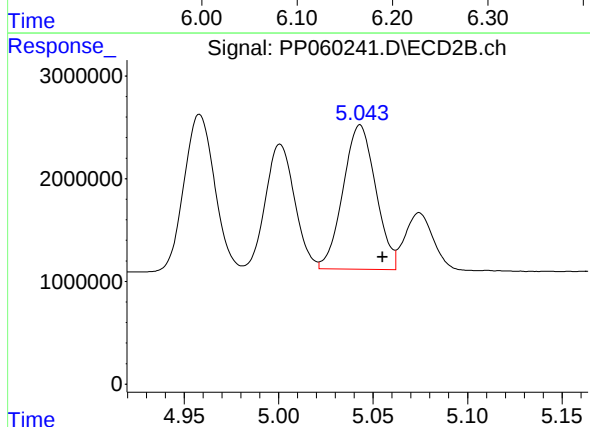
R.T.: 5.001 min
Delta R.T.: -0.012 min
Response: 12881864
Conc: 237.74 ng/ml



#23 AR-1248-3

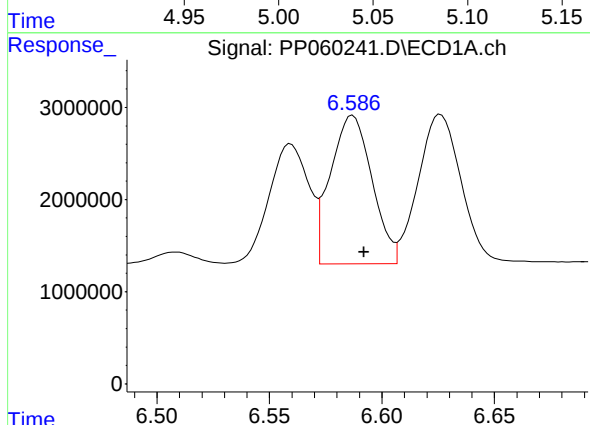
R.T.: 6.179 min
Delta R.T.: -0.004 min
Response: 21374692
Conc: 301.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



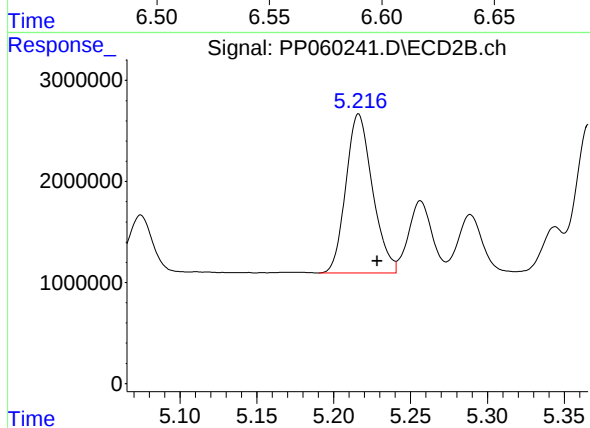
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.012 min
Response: 16909659
Conc: 297.18 ng/ml



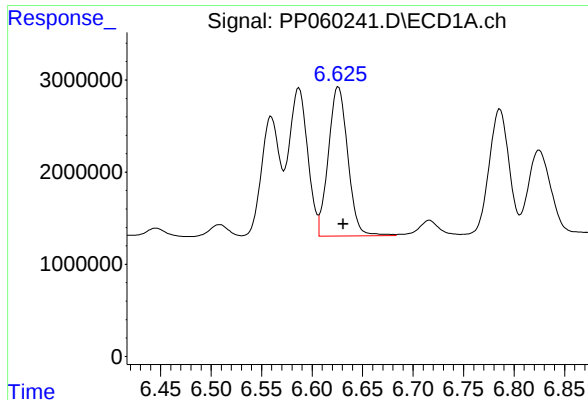
#24 AR-1248-4

R.T.: 6.587 min
Delta R.T.: -0.005 min
Response: 20676825
Conc: 267.34 ng/ml



#24 AR-1248-4

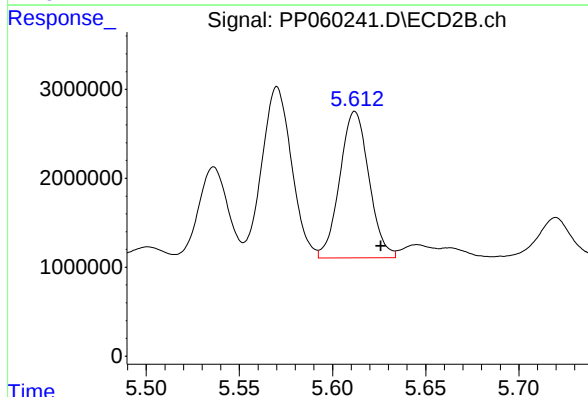
R.T.: 5.216 min
Delta R.T.: -0.012 min
Response: 18913565
Conc: 281.61 ng/ml



#25 AR-1248-5

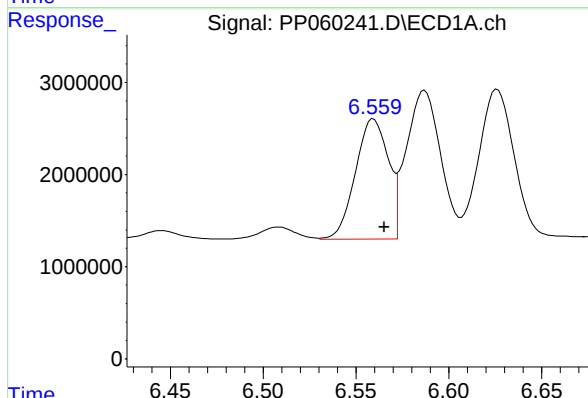
R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 21758910
Conc: 289.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



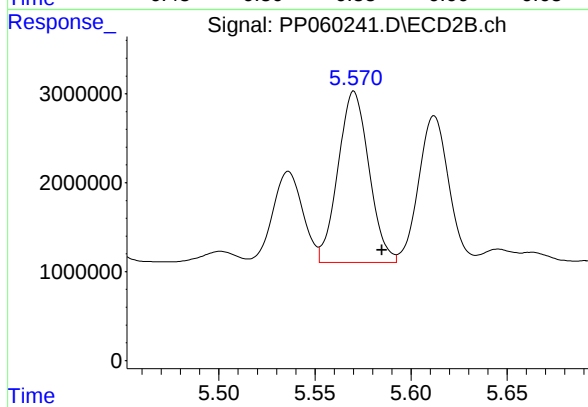
#25 AR-1248-5

R.T.: 5.612 min
Delta R.T.: -0.014 min
Response: 17973154
Conc: 272.47 ng/ml



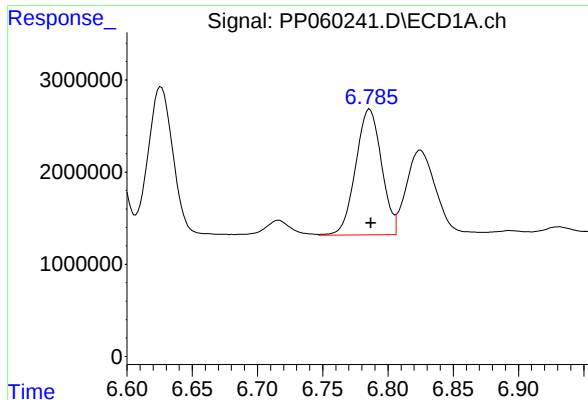
#26 AR-1254-1

R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 16071575
Conc: 201.31 ng/ml



#26 AR-1254-1

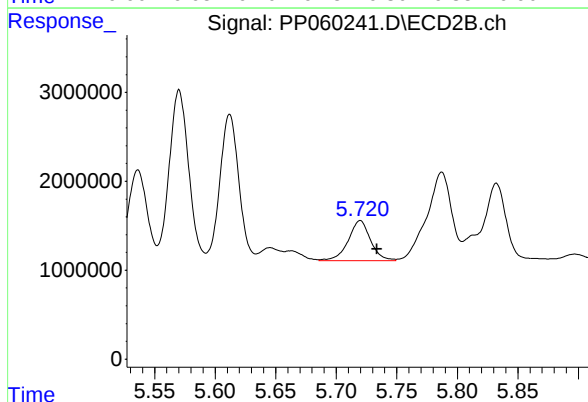
R.T.: 5.570 min
Delta R.T.: -0.015 min
Response: 21429264
Conc: 213.53 ng/ml



#27 AR-1254-2

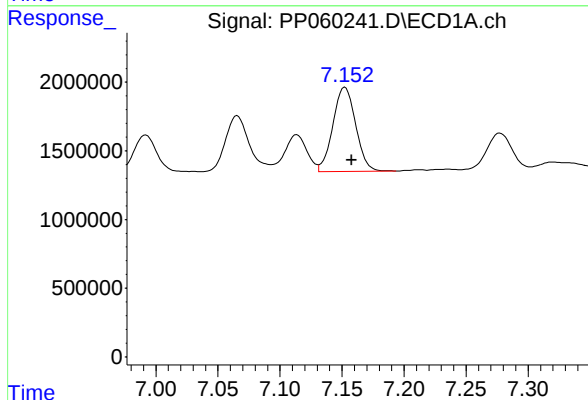
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 18789930
Conc: 156.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



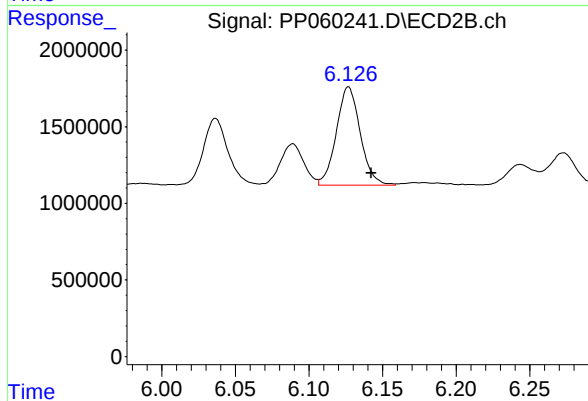
#27 AR-1254-2

R.T.: 5.720 min
Delta R.T.: -0.014 min
Response: 5787561
Conc: 66.62 ng/ml



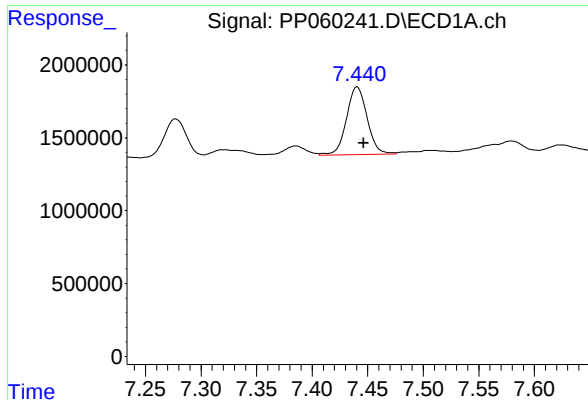
#28 AR-1254-3

R.T.: 7.152 min
Delta R.T.: -0.005 min
Response: 7854829
Conc: 64.66 ng/ml



#28 AR-1254-3

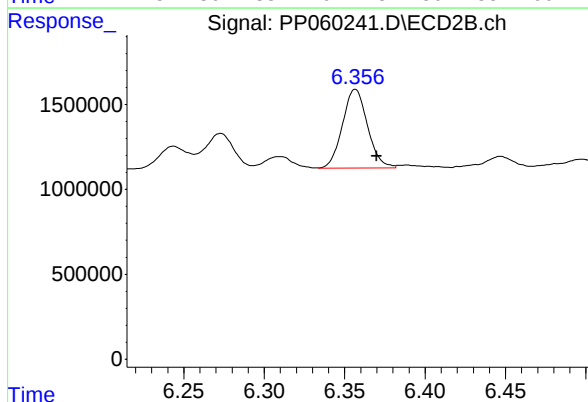
R.T.: 6.127 min
Delta R.T.: -0.015 min
Response: 7282840
Conc: 51.87 ng/ml



#29 AR-1254-4

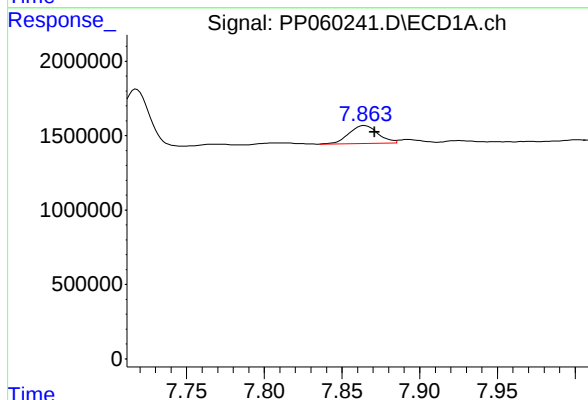
R.T.: 7.441 min
Delta R.T.: -0.006 min
Response: 6023313
Conc: 67.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



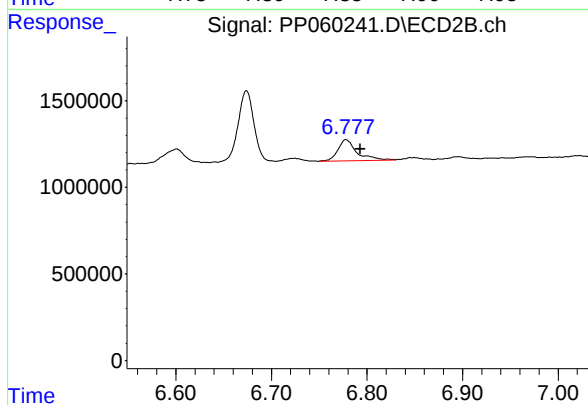
#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: -0.013 min
Response: 5018231
Conc: 59.62 ng/ml



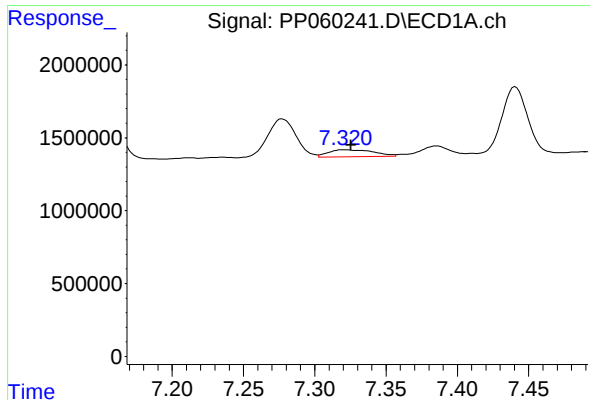
#30 AR-1254-5

R.T.: 7.864 min
Delta R.T.: -0.007 min
Response: 1591059
Conc: 16.36 ng/ml



#30 AR-1254-5

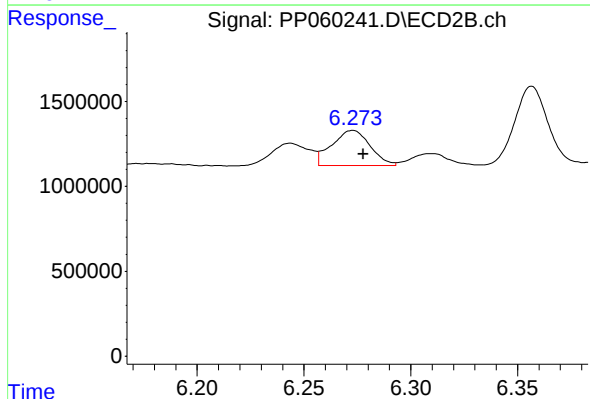
R.T.: 6.778 min
Delta R.T.: -0.015 min
Response: 1731472
Conc: 14.60 ng/ml



#31 AR-1260-1

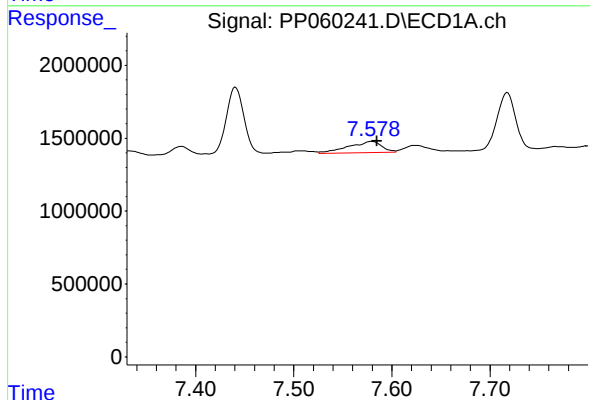
R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 1067653
Conc: 11.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



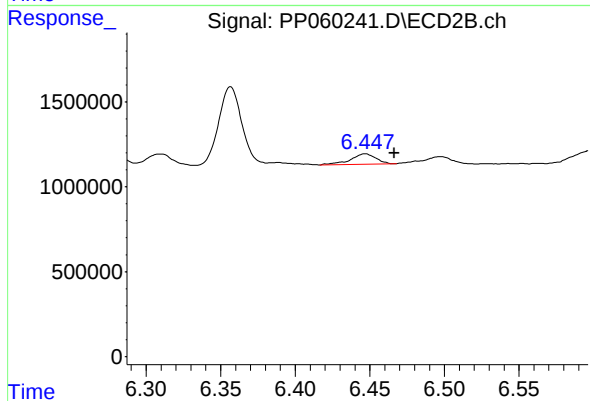
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: -0.005 min
Response: 2591601
Conc: 27.83 ng/ml



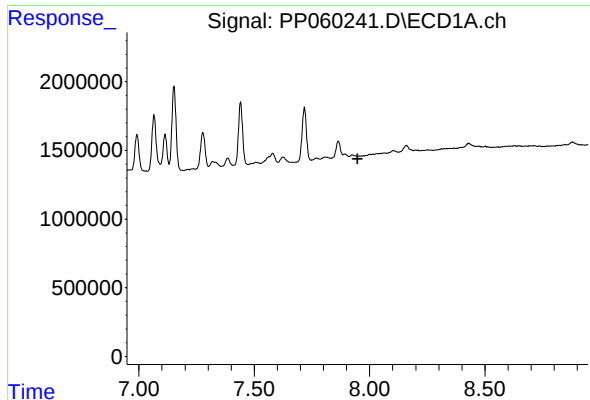
#32 AR-1260-2

R.T.: 7.579 min
Delta R.T.: -0.006 min
Response: 1816268
Conc: 17.70 ng/ml



#32 AR-1260-2

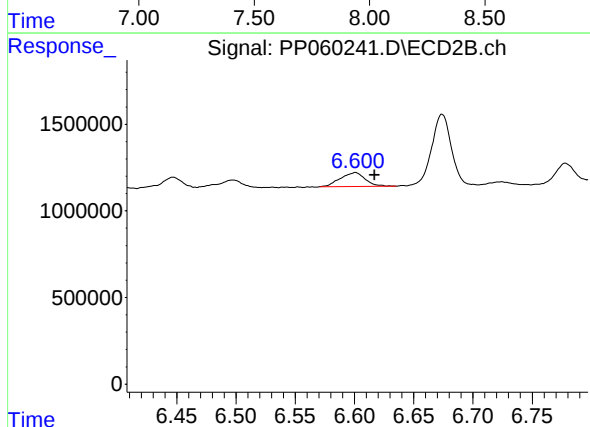
R.T.: 6.447 min
Delta R.T.: -0.019 min
Response: 734064
Conc: 6.70 ng/ml



#33 AR-1260-3

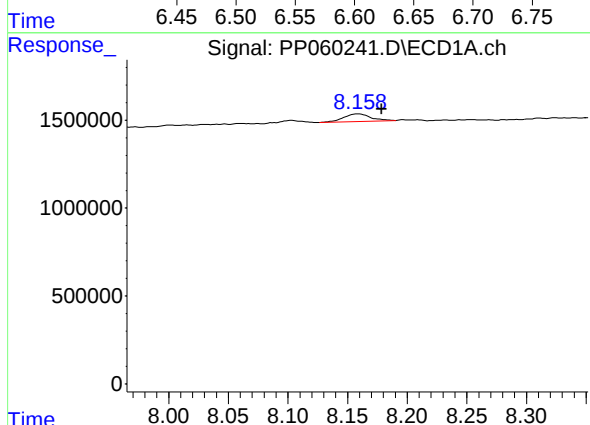
R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



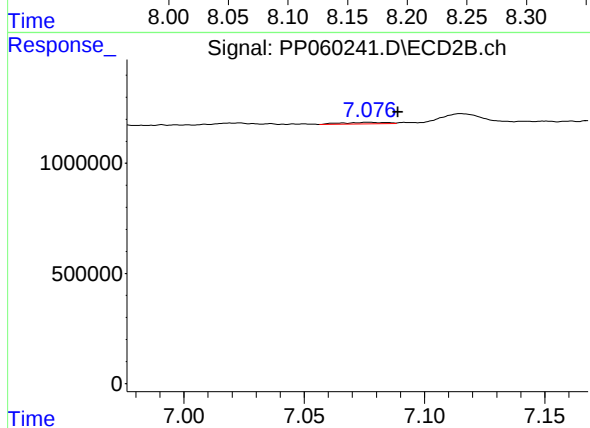
#33 AR-1260-3

R.T.: 6.601 min
Delta R.T.: -0.016 min
Response: 1195596
Conc: 11.62 ng/ml



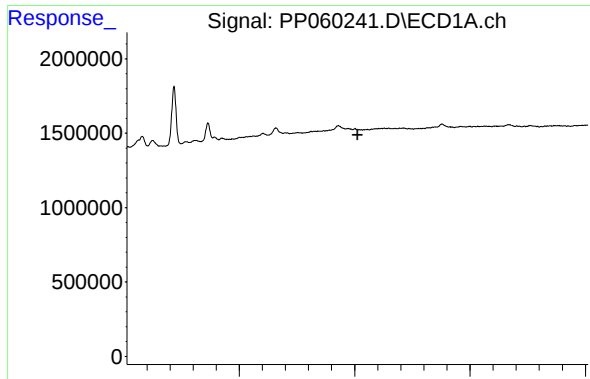
#34 AR-1260-4

R.T.: 8.159 min
Delta R.T.: -0.020 min
Response: 676229
Conc: 7.55 ng/ml



#34 AR-1260-4

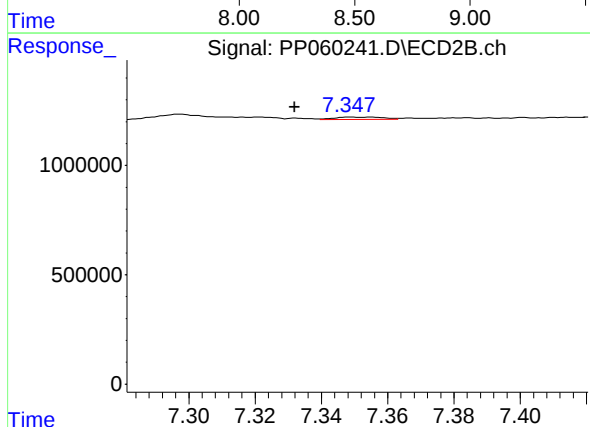
R.T.: 7.077 min
Delta R.T.: -0.012 min
Response: 93863
Conc: 1.13 ng/ml



#35 AR-1260-5

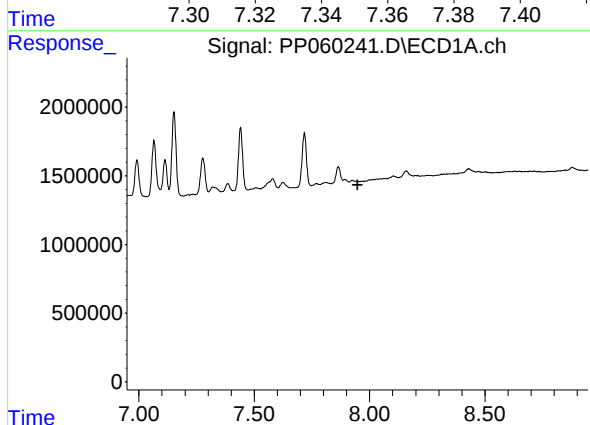
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



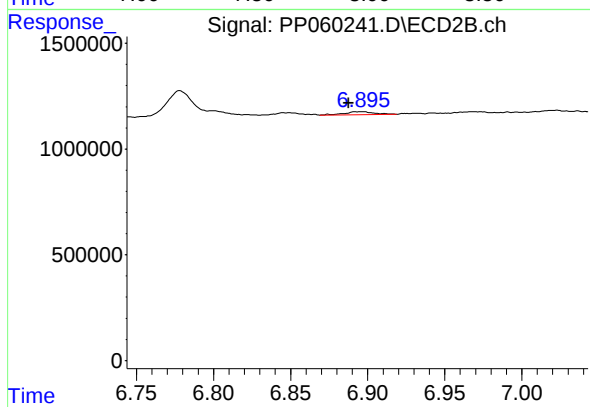
#35 AR-1260-5

R.T.: 7.355 min
Delta R.T.: 0.023 min
Response: 106357
Conc: 0.55 ng/ml



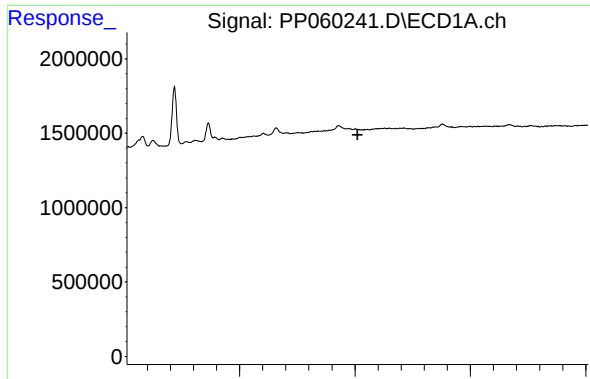
#36 AR-1262-1

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



#36 AR-1262-1

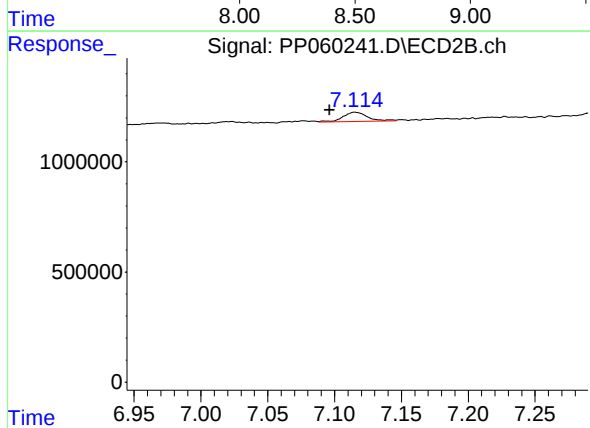
R.T.: 6.896 min
Delta R.T.: 0.009 min
Response: 177949
Conc: 3.53 ng/ml



#37 AR-1262-2

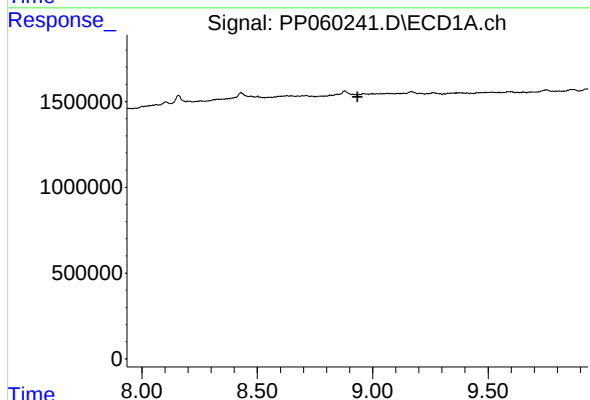
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



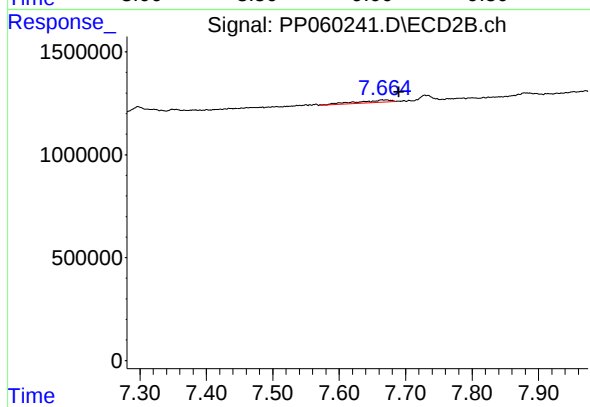
#37 AR-1262-2

R.T.: 7.115 min
Delta R.T.: 0.019 min
Response: 543908
Conc: 4.81 ng/ml



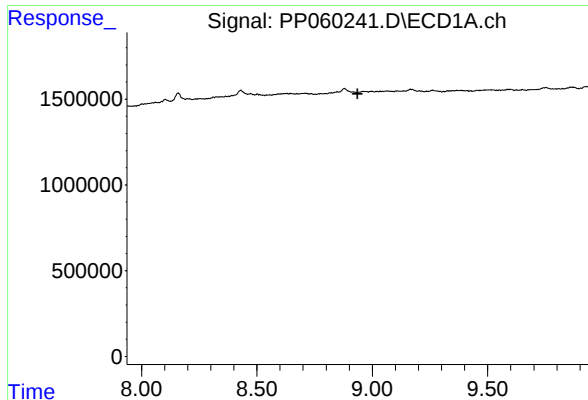
#39 AR-1262-4

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



#39 AR-1262-4

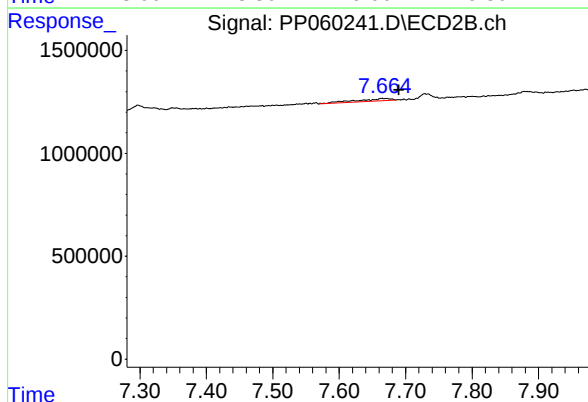
R.T.: 7.664 min
Delta R.T.: -0.026 min
Response: 432168
Conc: 2.65 ng/ml



#42 AR-1268-2

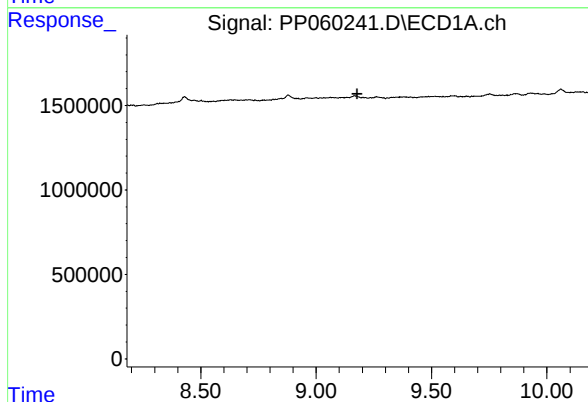
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



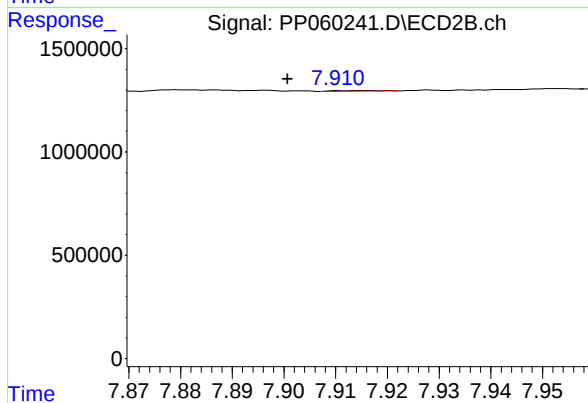
#42 AR-1268-2

R.T.: 7.664 min
Delta R.T.: -0.026 min
Response: 432168
Conc: 1.87 ng/ml



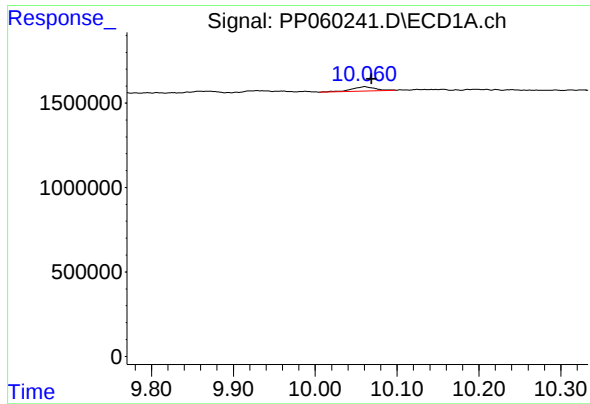
#43 AR-1268-3

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



#43 AR-1268-3

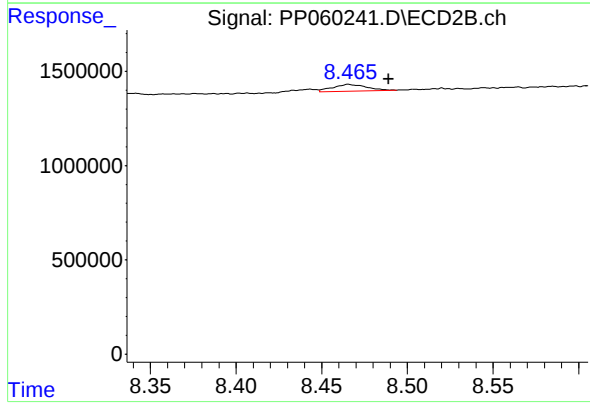
R.T.: 7.915 min
Delta R.T.: 0.014 min
Response: 20612
Conc: 0.10 ng/ml



#45 AR-1268-5

R.T.: 10.061 min
Delta R.T.: -0.008 min
Response: 492555
Conc: 0.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.466 min
Delta R.T.: -0.023 min
Response: 500645
Conc: 0.79 ng/ml