

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
 Data File : PP060051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 23:29
 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 21 02:39:16 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	94926386	71893843	45.631	44.137
2)	SA Decachlor...	10.429	8.739	75135073	77188419	49.258	50.977
Target Compounds							
3)	L1 AR-1016-1	5.697	4.767	27865969	23690744	412.982	394.086
4)	L1 AR-1016-2	5.720	4.786	39222071	32533215	410.011	391.958
5)	L1 AR-1016-3	5.783	4.964	24737801	18043778	415.601	402.233
6)	L1 AR-1016-4	5.883	5.007	20531658	13837891	419.303	392.243
7)	L1 AR-1016-5	6.182	5.222	21339115	19886311	434.005	427.695
8)	L2 AR-1221-1	4.717	3.883	3668358	2928894	137.996	133.345
9)	L2 AR-1221-2	4.809	3.971	5037771	3657522	255.945	236.903
10)	L2 AR-1221-3	4.885	4.048	16665926	12776821	291.776	272.408
11)	L3 AR-1232-1	4.885	4.048	16665926	12776821	357.218	336.112
12)	L3 AR-1232-2	5.425	4.786	22234380	32533215	875.413	882.302
13)	L3 AR-1232-3	5.720	4.964	39222071	18043778	907.848	901.130
14)	L3 AR-1232-4	5.883	5.049	20531658	18465381	928.913	1010.886
15)	L3 AR-1232-5	5.975	5.222	18265070	19886311	995.623	991.872
16)	L4 AR-1242-1	5.697	4.767	27865969	23690744	466.566	449.872
17)	L4 AR-1242-2	5.720	4.786	39222071	32533215	466.723	451.496
18)	L4 AR-1242-3	5.783	4.964	24737801	18043778	472.985	461.081
19)	L4 AR-1242-4	5.883	5.049	20531658	18465381	476.460	471.182
20)	L4 AR-1242-5	6.630	5.577	22472937	23106018	491.540	477.594
21)	L5 AR-1248-1	5.697	4.767	27865969	23690744	623.446	606.325
22)	L5 AR-1248-2	5.975	5.007	18265070	13837891	282.026	255.389
23)	L5 AR-1248-3	6.182	5.049	21339115	18465381	301.304	324.525
24)	L5 AR-1248-4	6.591	5.222	21105066	19886311	272.872	296.089
25)	L5 AR-1248-5	6.630	5.619	22472937	19731329	298.682	299.124
26)	L6 AR-1254-1	6.562	5.577	16470311	23106018	206.301	230.239
27)	L6 AR-1254-2	6.789	5.727	19382082	6484353	161.824	74.639 #
28)	L6 AR-1254-3	7.156	6.134	8316062	7658145	68.456	54.545
29)	L6 AR-1254-4	7.445	6.364	5989923	5329039	67.355	63.309
30)	L6 AR-1254-5	7.868	6.786	1563572	2006035	16.074	16.912
31)	L7 AR-1260-1	7.325	6.280	1207536	2755196	13.396	29.589 #
32)	L7 AR-1260-2	7.582	6.454	1853872	1011984	18.071	9.230 #
33)	L7 AR-1260-3	7.929f	6.607	173729	824792	2.206	8.019 #
34)	L7 AR-1260-4	8.161	7.088	755389	93590	8.429	1.124 #
35)	L7 AR-1260-5	0.000	7.330	0	207772	N.D.	1.080 #
36)	L8 AR-1262-1	7.929f	6.904f	173729	171271	1.501	3.393 #
37)	L8 AR-1262-2	0.000	7.088	0	93590	N.D.	0.828 #
38)	L8 AR-1262-3	0.000	7.619	0	511464	N.D.	5.835 #
39)	L8 AR-1262-4	0.000	7.680	0	281801	N.D.	1.726 #
41)	L9 AR-1268-1	0.000	7.619	0	511464	N.D.	1.964 #
42)	L9 AR-1268-2	0.000	7.680	0	281801	N.D.	1.219 #

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Integration File signal 1: autoint1.e
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Quant Time: Sep 21 02:39:16 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
43) L9	AR-1268-3	0.000	7.890	0	285540	N.D.	1.399 #
45) L9	AR-1268-5	10.066	8.476	508082	522527	0.839	0.827

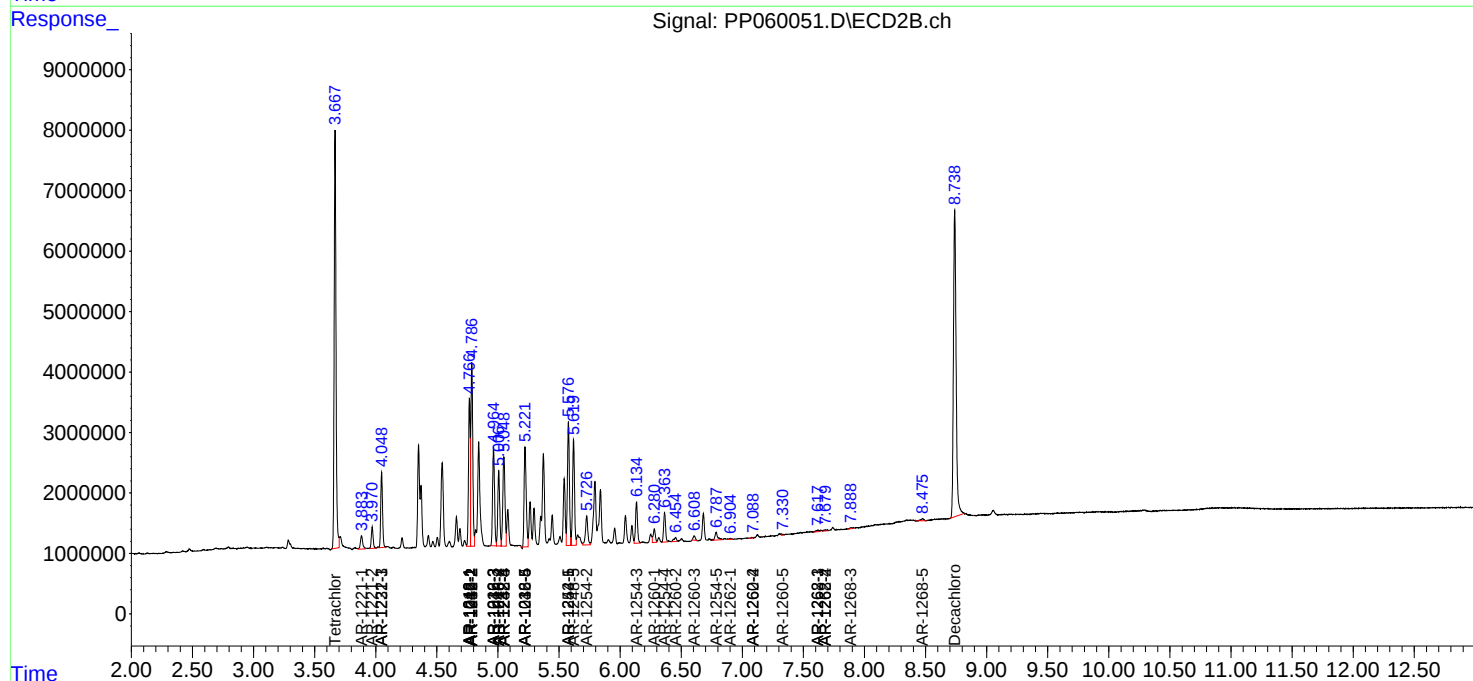
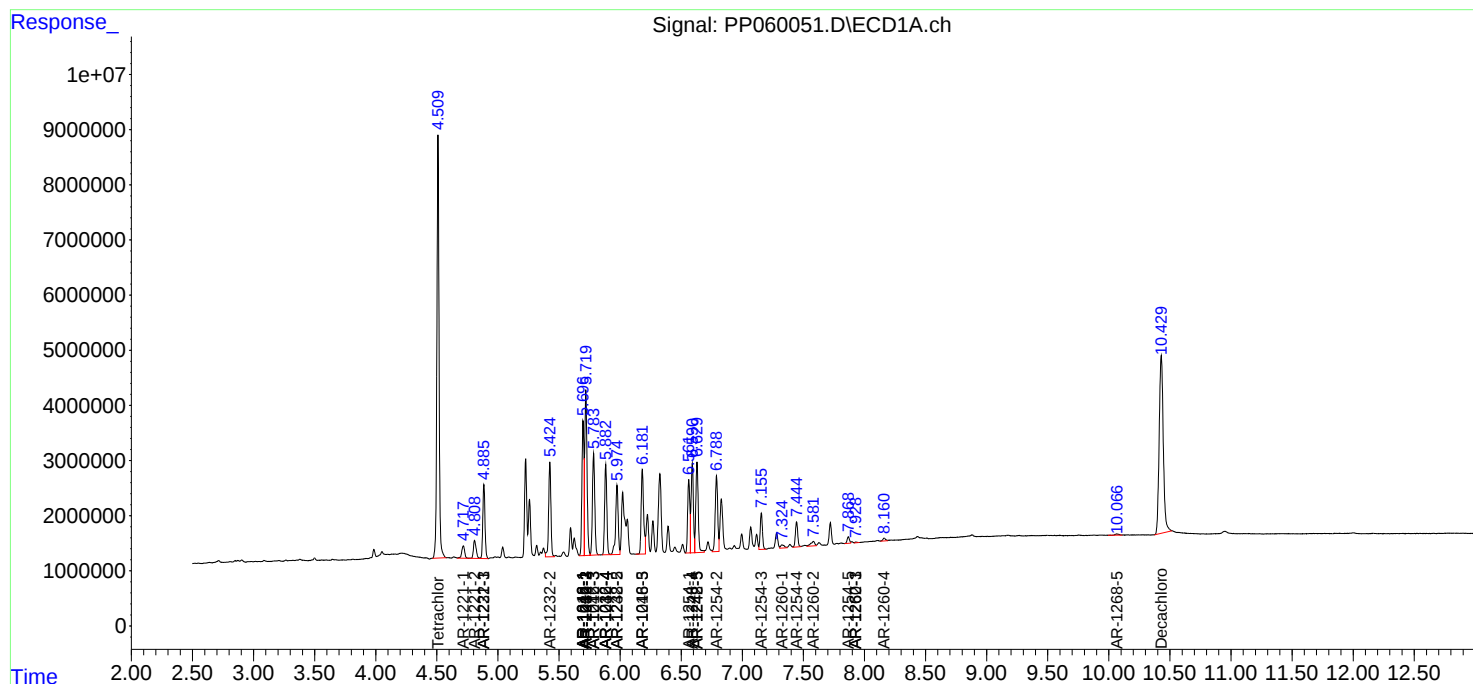
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

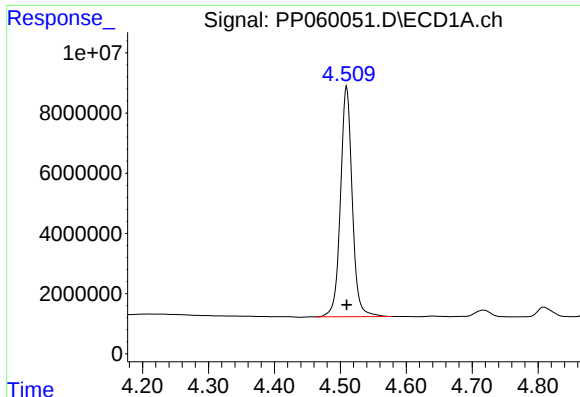
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

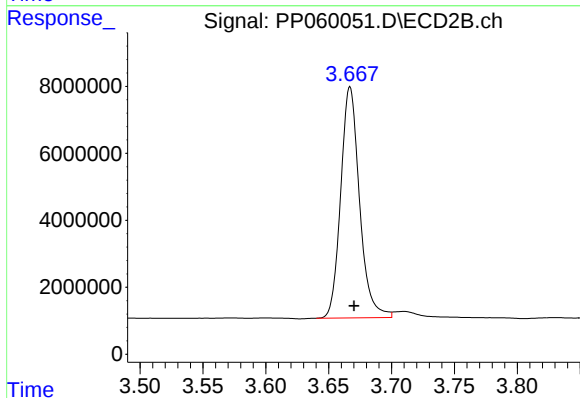




#1 Tetrachloro-m-xylene

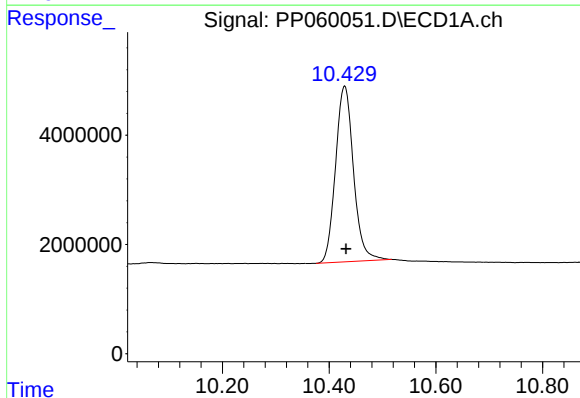
R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 94926386
Conc: 45.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



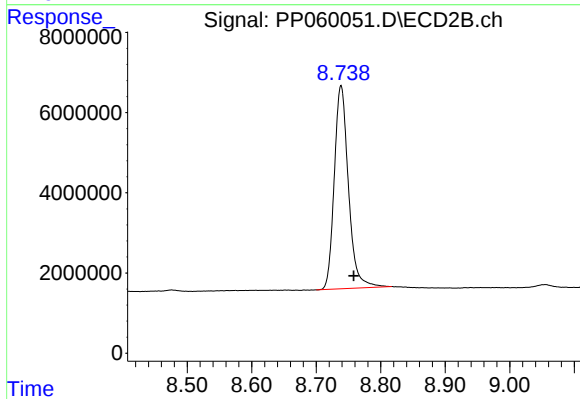
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.003 min
Response: 71893843
Conc: 44.14 ng/ml



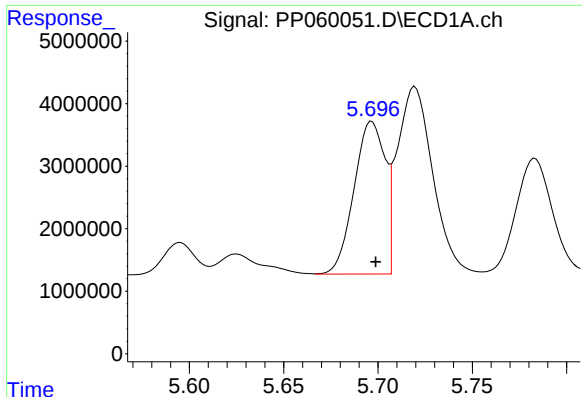
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: -0.003 min
Response: 75135073
Conc: 49.26 ng/ml



#2 Decachlorobiphenyl

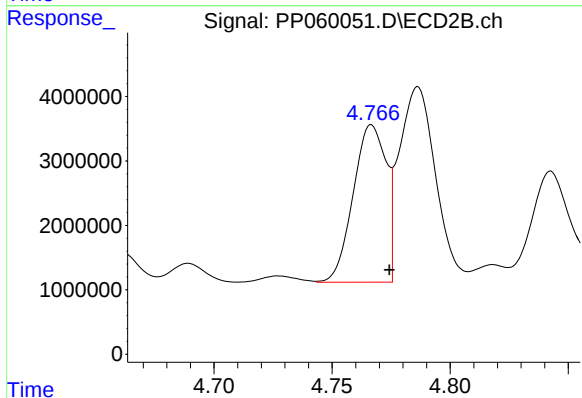
R.T.: 8.739 min
Delta R.T.: -0.020 min
Response: 77188419
Conc: 50.98 ng/ml



#3 AR-1016-1

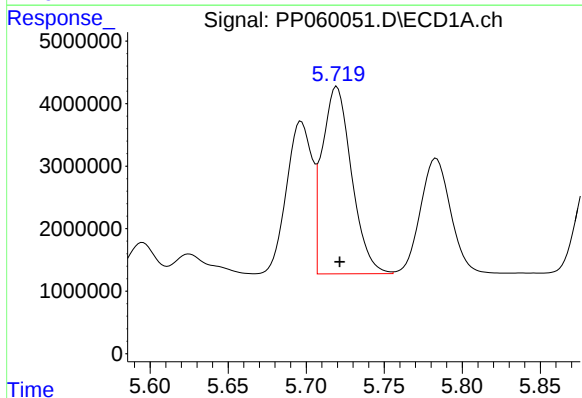
R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 27865969
Conc: 412.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



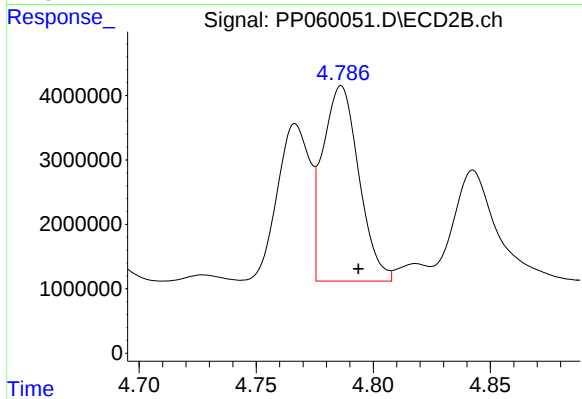
#3 AR-1016-1

R.T.: 4.767 min
Delta R.T.: -0.008 min
Response: 23690744
Conc: 394.09 ng/ml



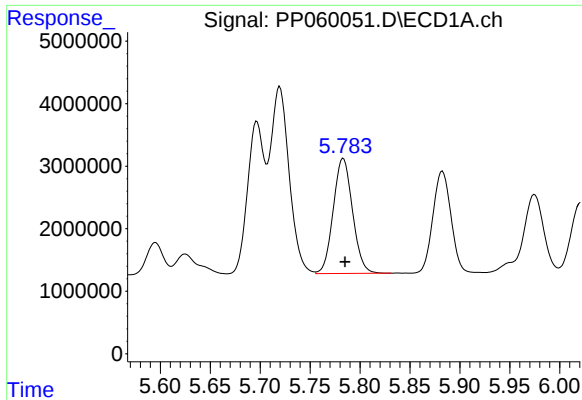
#4 AR-1016-2

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 39222071
Conc: 410.01 ng/ml



#4 AR-1016-2

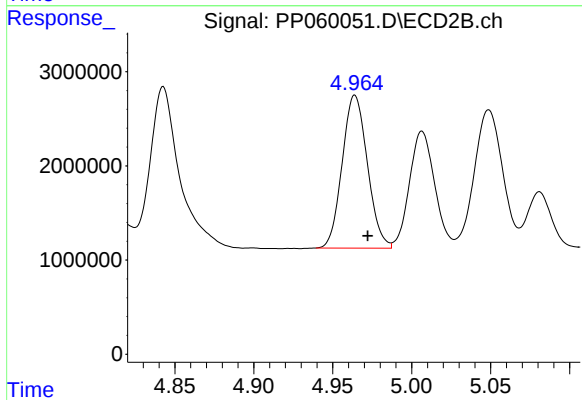
R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 32533215
Conc: 391.96 ng/ml



#5 AR-1016-3

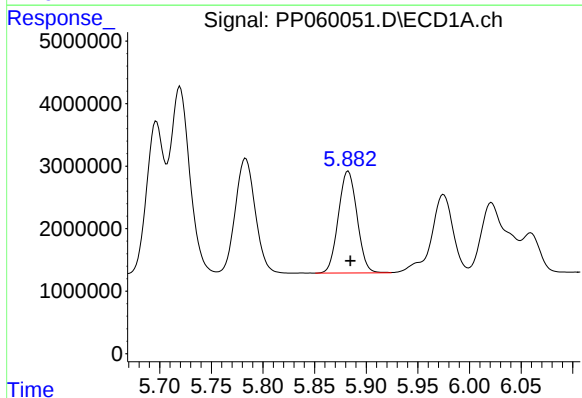
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 24737801
Conc: 415.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



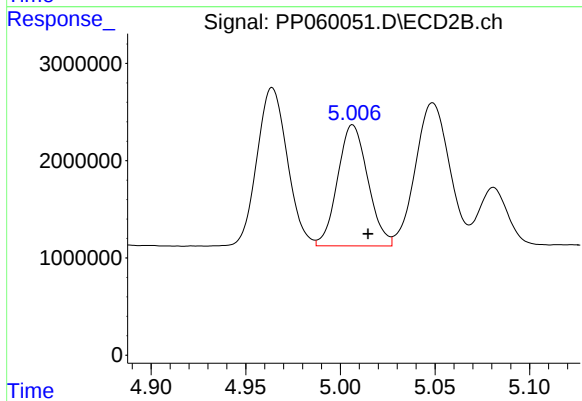
#5 AR-1016-3

R.T.: 4.964 min
Delta R.T.: -0.008 min
Response: 18043778
Conc: 402.23 ng/ml



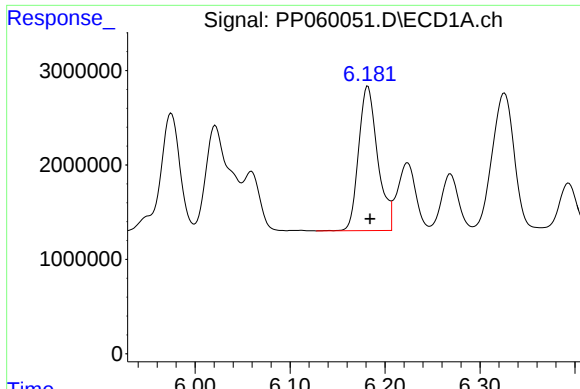
#6 AR-1016-4

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 20531658
Conc: 419.30 ng/ml



#6 AR-1016-4

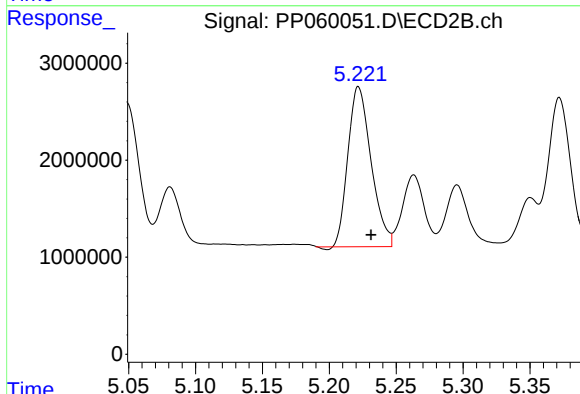
R.T.: 5.007 min
Delta R.T.: -0.008 min
Response: 13837891
Conc: 392.24 ng/ml



#7 AR-1016-5

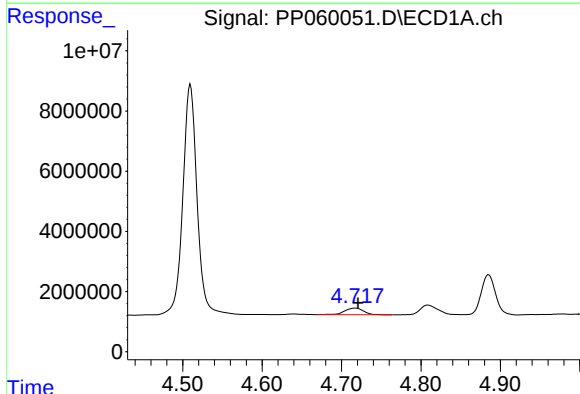
R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 21339115
Conc: 434.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



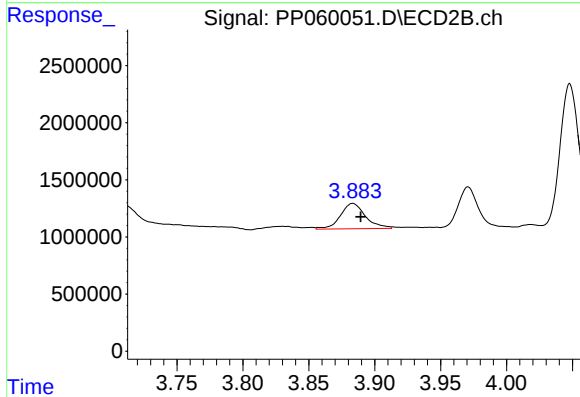
#7 AR-1016-5

R.T.: 5.222 min
Delta R.T.: -0.009 min
Response: 19886311
Conc: 427.69 ng/ml



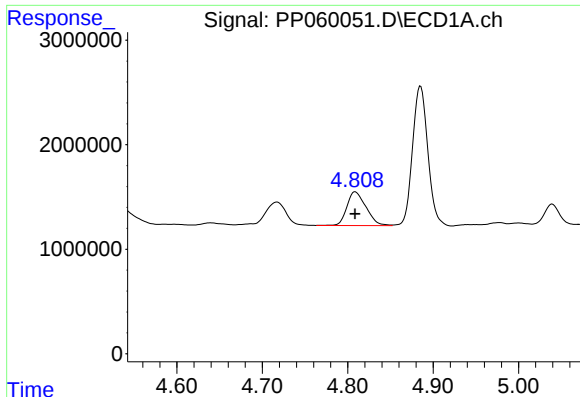
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 3668358
Conc: 138.00 ng/ml



#8 AR-1221-1

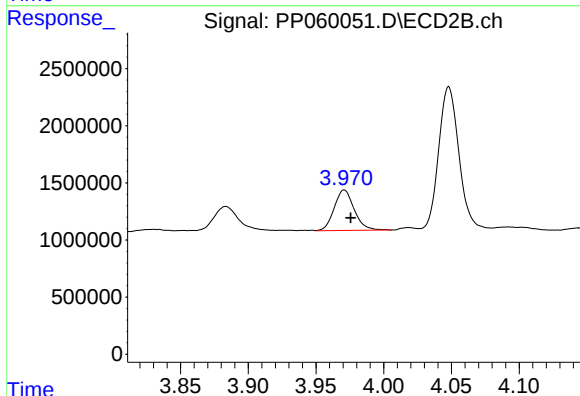
R.T.: 3.883 min
Delta R.T.: -0.006 min
Response: 2928894
Conc: 133.34 ng/ml



#9 AR-1221-2

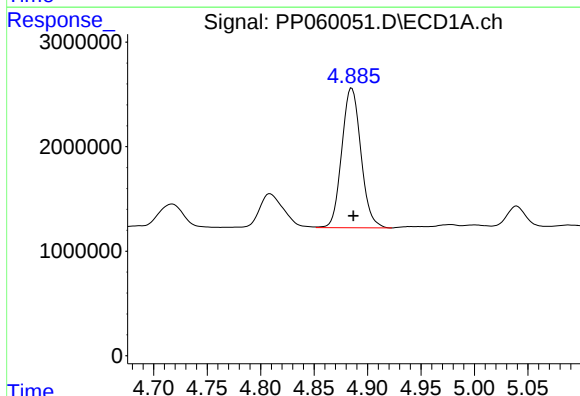
R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 5037771
Conc: 255.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



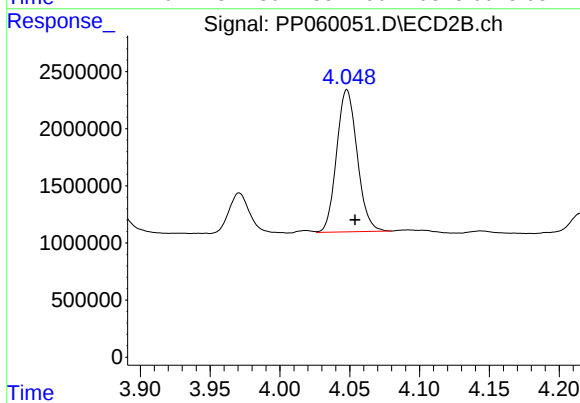
#9 AR-1221-2

R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 3657522
Conc: 236.90 ng/ml



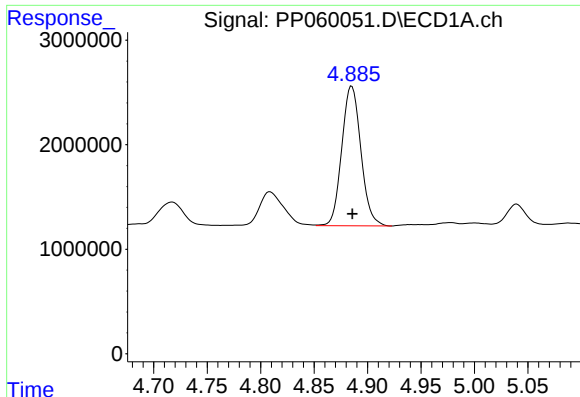
#10 AR-1221-3

R.T.: 4.885 min
Delta R.T.: -0.001 min
Response: 16665926
Conc: 291.78 ng/ml



#10 AR-1221-3

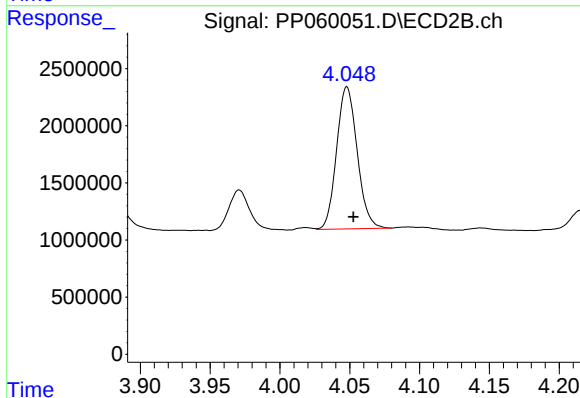
R.T.: 4.048 min
Delta R.T.: -0.006 min
Response: 12776821
Conc: 272.41 ng/ml



#11 AR-1232-1

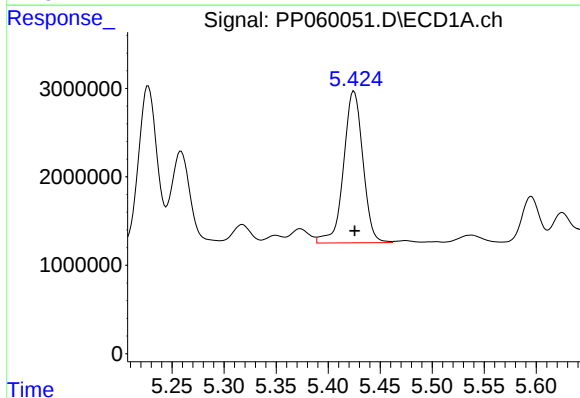
R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 16665926
Conc: 357.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



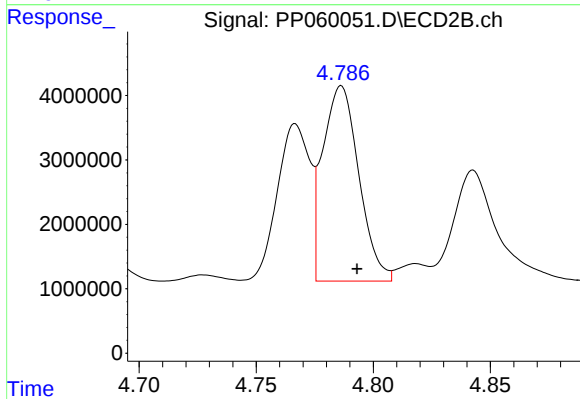
#11 AR-1232-1

R.T.: 4.048 min
Delta R.T.: -0.005 min
Response: 12776821
Conc: 336.11 ng/ml



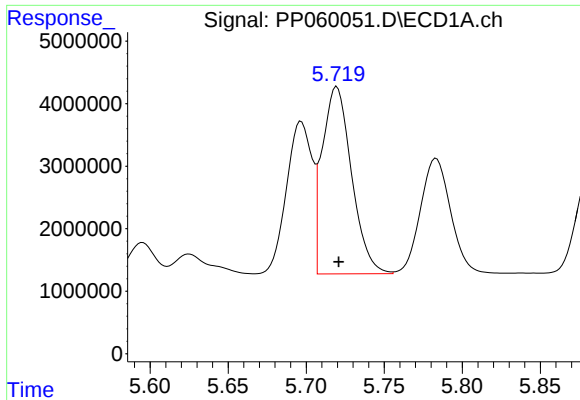
#12 AR-1232-2

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 22234380
Conc: 875.41 ng/ml



#12 AR-1232-2

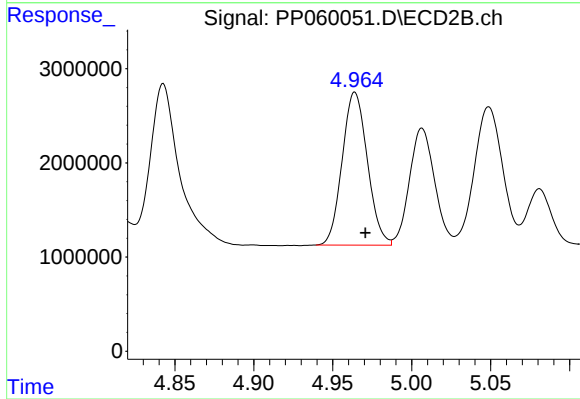
R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 32533215
Conc: 882.30 ng/ml



#13 AR-1232-3

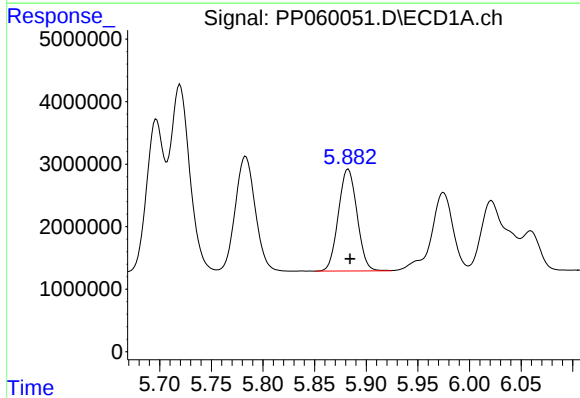
R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 39222071
Conc: 907.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



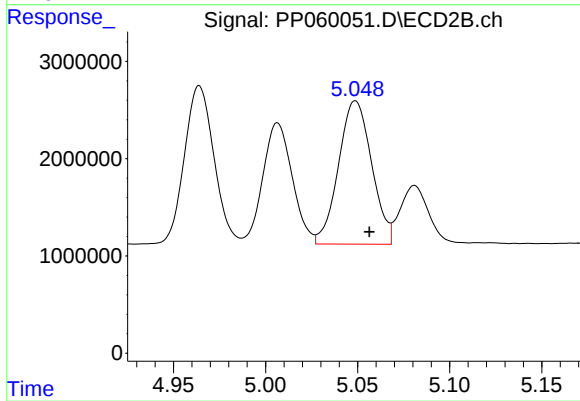
#13 AR-1232-3

R.T.: 4.964 min
Delta R.T.: -0.007 min
Response: 18043778
Conc: 901.13 ng/ml



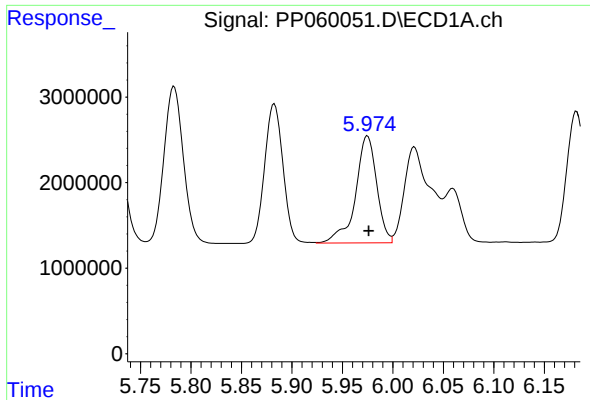
#14 AR-1232-4

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 20531658
Conc: 928.91 ng/ml



#14 AR-1232-4

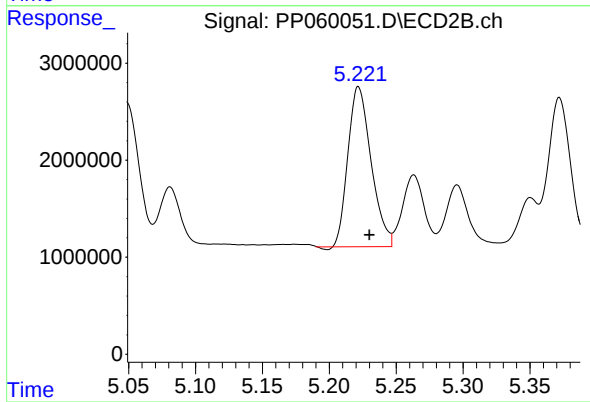
R.T.: 5.049 min
Delta R.T.: -0.008 min
Response: 18465381
Conc: 1010.89 ng/ml



#15 AR-1232-5

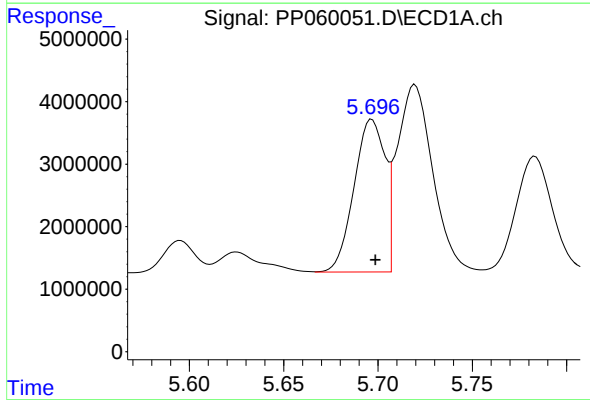
R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 18265070
Conc: 995.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



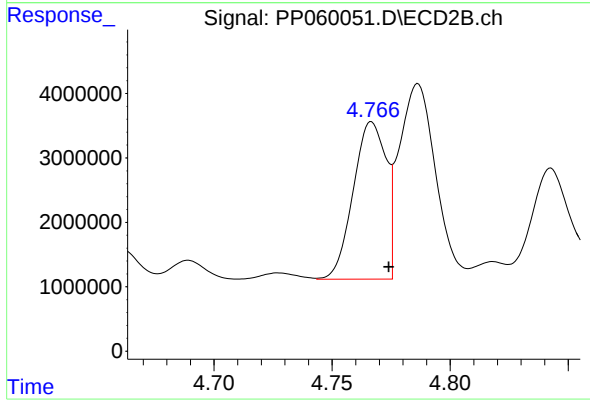
#15 AR-1232-5

R.T.: 5.222 min
Delta R.T.: -0.008 min
Response: 19886311
Conc: 991.87 ng/ml



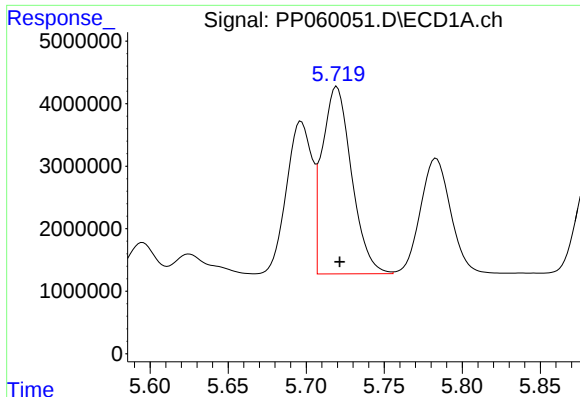
#16 AR-1242-1

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 27865969
Conc: 466.57 ng/ml



#16 AR-1242-1

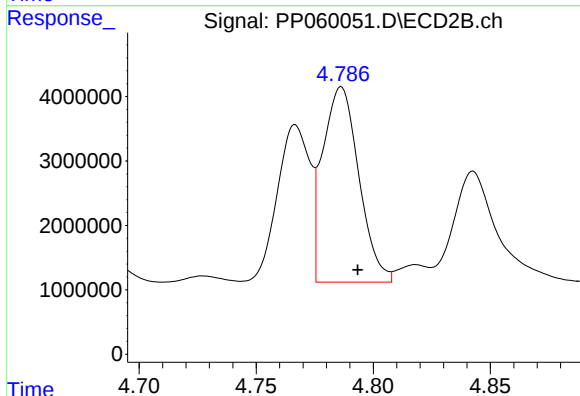
R.T.: 4.767 min
Delta R.T.: -0.007 min
Response: 23690744
Conc: 449.87 ng/ml



#17 AR-1242-2

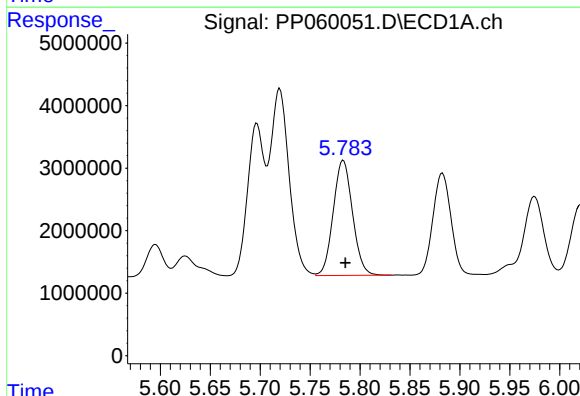
R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 39222071
Conc: 466.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



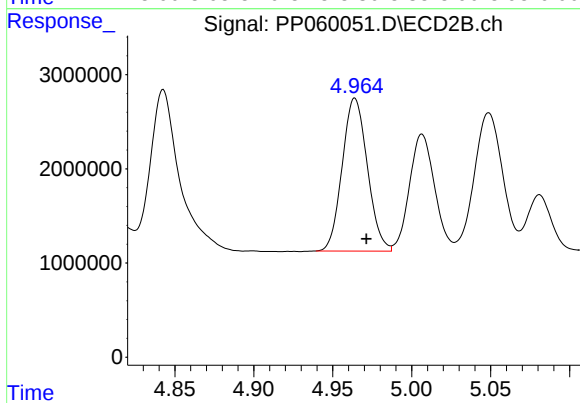
#17 AR-1242-2

R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 32533215
Conc: 451.50 ng/ml



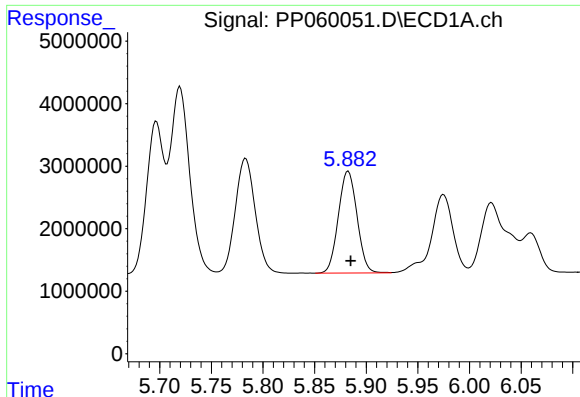
#18 AR-1242-3

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 24737801
Conc: 472.98 ng/ml



#18 AR-1242-3

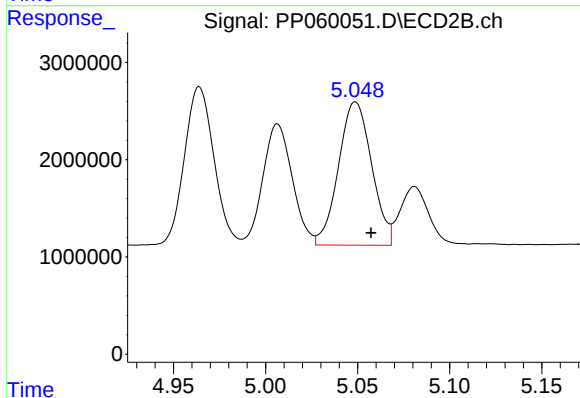
R.T.: 4.964 min
Delta R.T.: -0.007 min
Response: 18043778
Conc: 461.08 ng/ml



#19 AR-1242-4

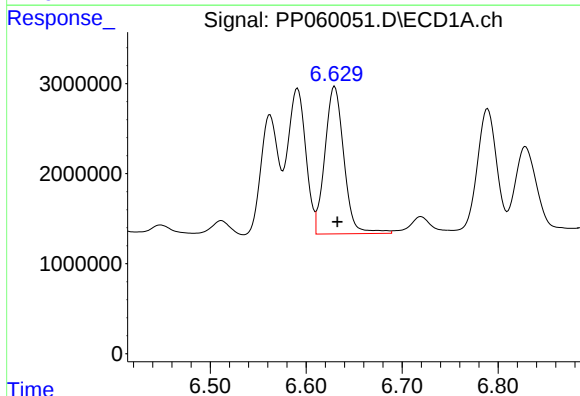
R.T.: 5.883 min
Delta R.T.: -0.003 min
Response: 20531658
Conc: 476.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



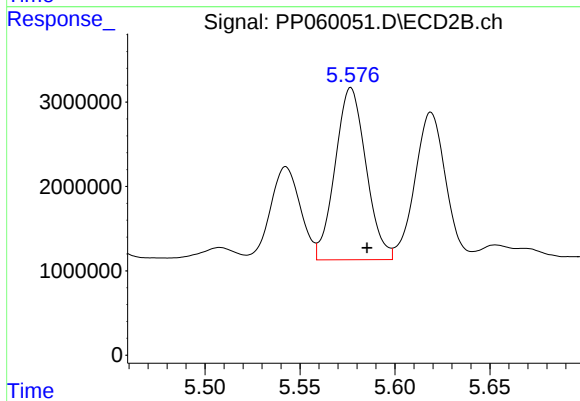
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.009 min
Response: 18465381
Conc: 471.18 ng/ml



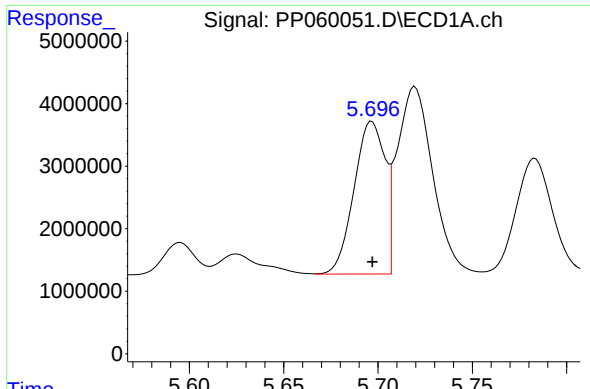
#20 AR-1242-5

R.T.: 6.630 min
Delta R.T.: -0.003 min
Response: 22472937
Conc: 491.54 ng/ml



#20 AR-1242-5

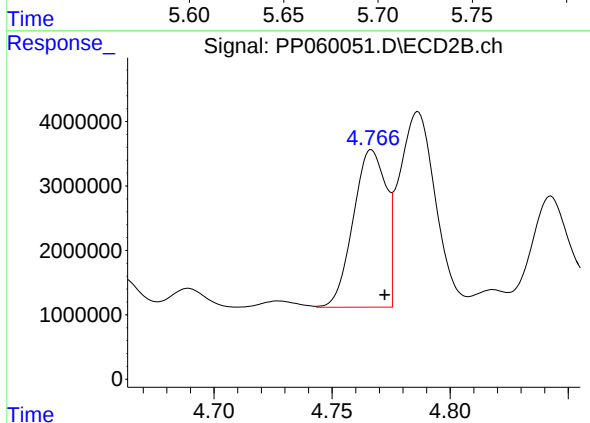
R.T.: 5.577 min
Delta R.T.: -0.009 min
Response: 23106018
Conc: 477.59 ng/ml



#21 AR-1248-1

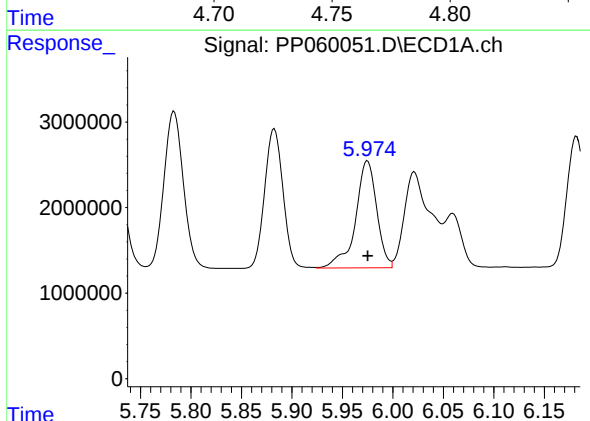
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 27865969
Conc: 623.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



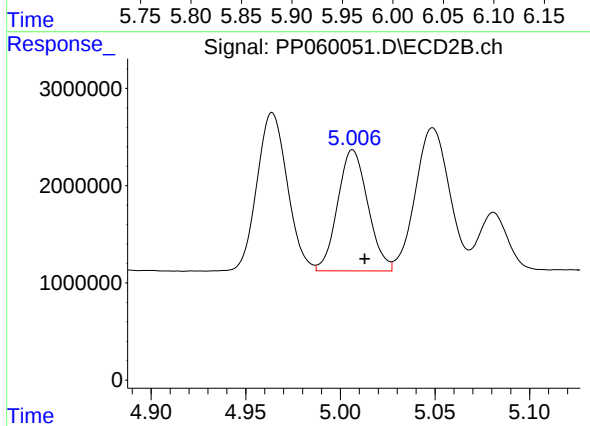
#21 AR-1248-1

R.T.: 4.767 min
Delta R.T.: -0.006 min
Response: 23690744
Conc: 606.32 ng/ml



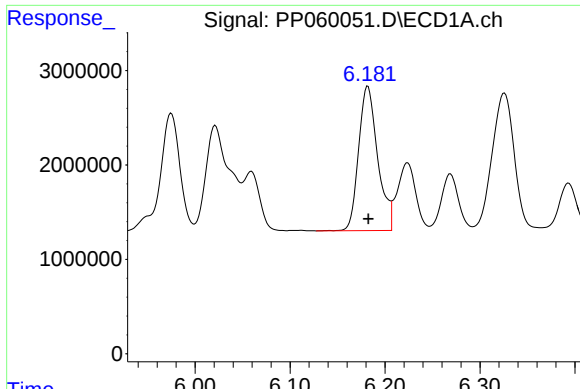
#22 AR-1248-2

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 18265070
Conc: 282.03 ng/ml



#22 AR-1248-2

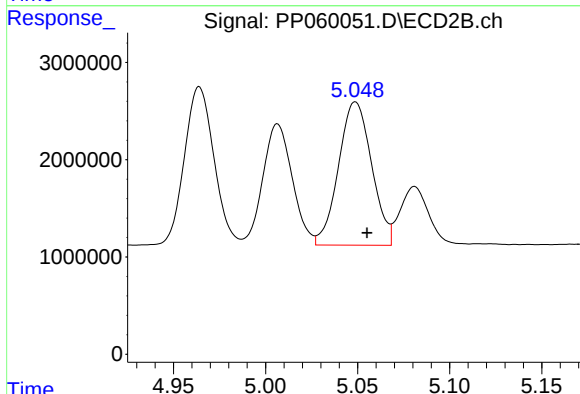
R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 13837891
Conc: 255.39 ng/ml



#23 AR-1248-3

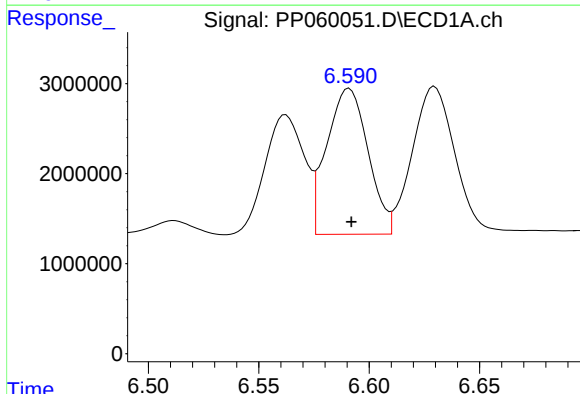
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 21339115
Conc: 301.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



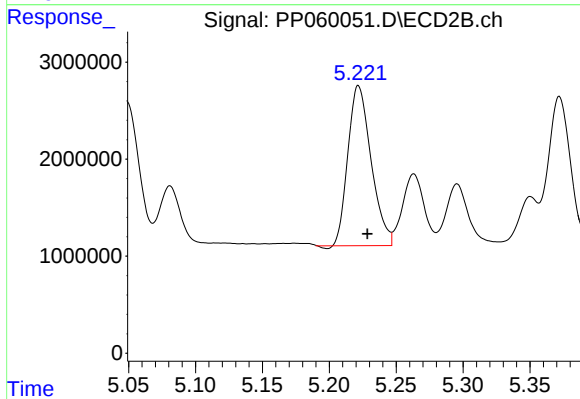
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.006 min
Response: 18465381
Conc: 324.53 ng/ml



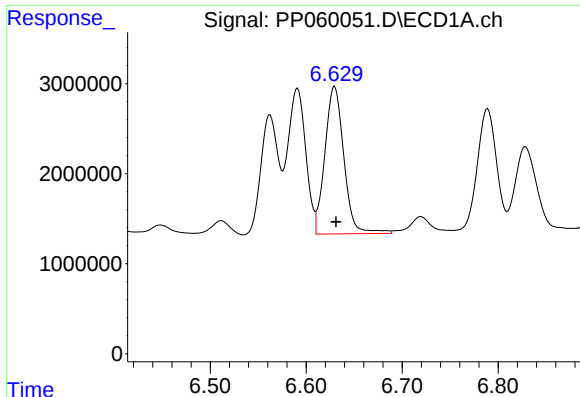
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 21105066
Conc: 272.87 ng/ml



#24 AR-1248-4

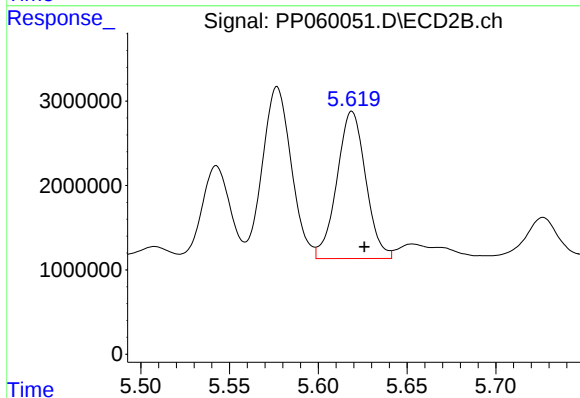
R.T.: 5.222 min
Delta R.T.: -0.007 min
Response: 19886311
Conc: 296.09 ng/ml



#25 AR-1248-5

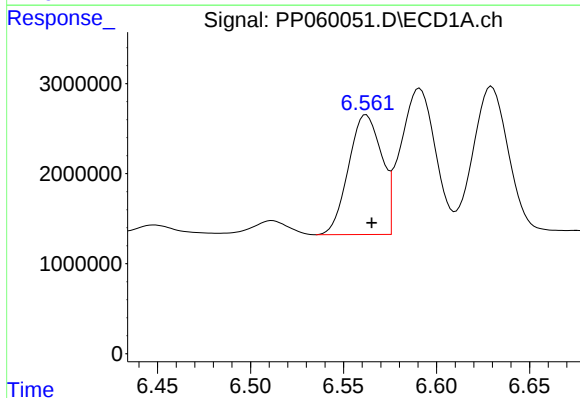
R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 22472937
Conc: 298.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



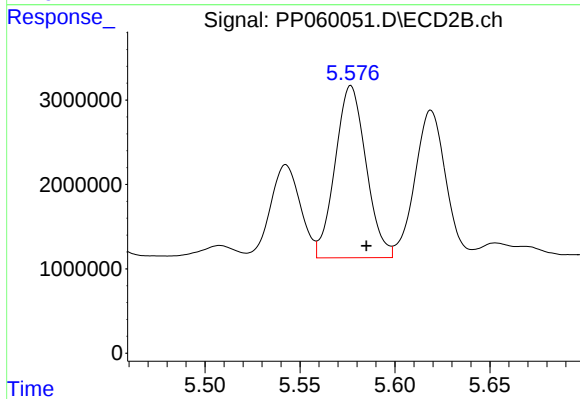
#25 AR-1248-5

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 19731329
Conc: 299.12 ng/ml



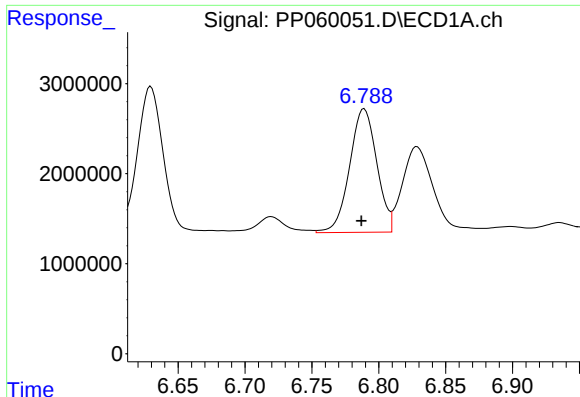
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: -0.003 min
Response: 16470311
Conc: 206.30 ng/ml



#26 AR-1254-1

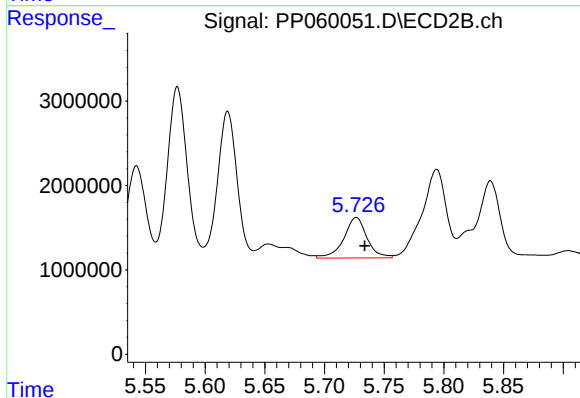
R.T.: 5.577 min
Delta R.T.: -0.008 min
Response: 23106018
Conc: 230.24 ng/ml



#27 AR-1254-2

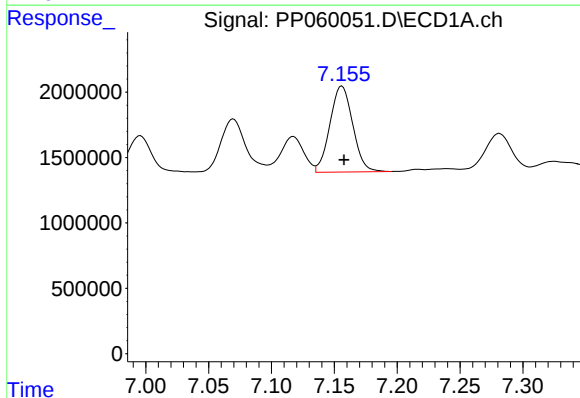
R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 19382082
Conc: 161.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



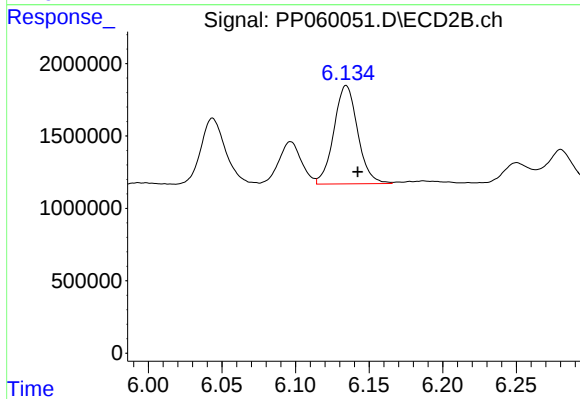
#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: -0.007 min
Response: 6484353
Conc: 74.64 ng/ml



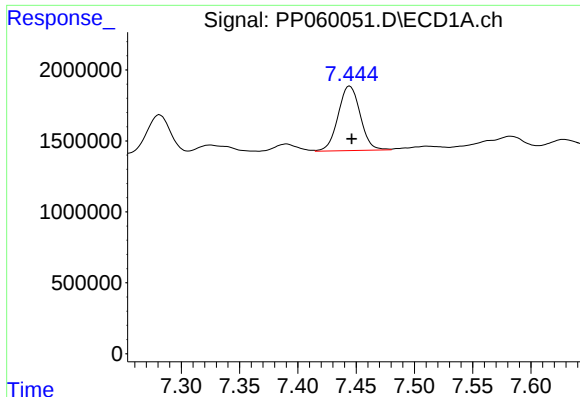
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 8316062
Conc: 68.46 ng/ml



#28 AR-1254-3

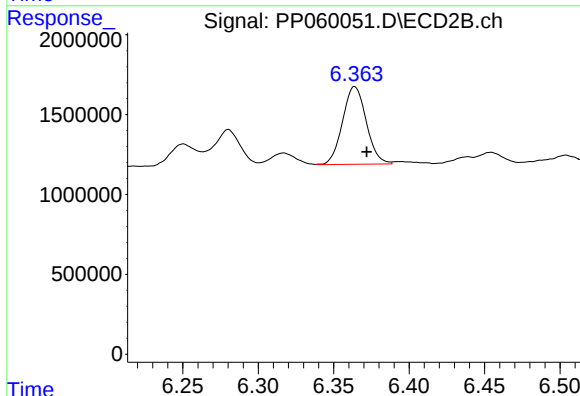
R.T.: 6.134 min
Delta R.T.: -0.008 min
Response: 7658145
Conc: 54.54 ng/ml



#29 AR-1254-4

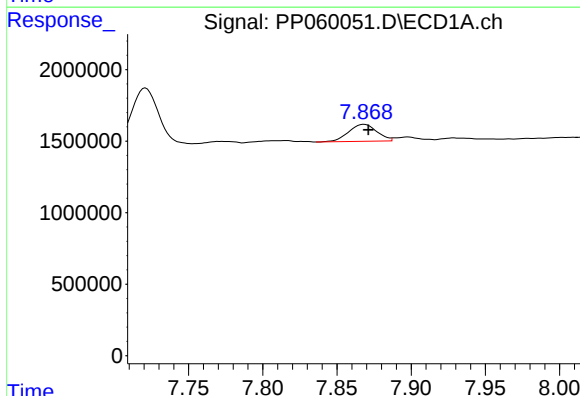
R.T.: 7.445 min
Delta R.T.: -0.002 min
Response: 5989923
Conc: 67.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



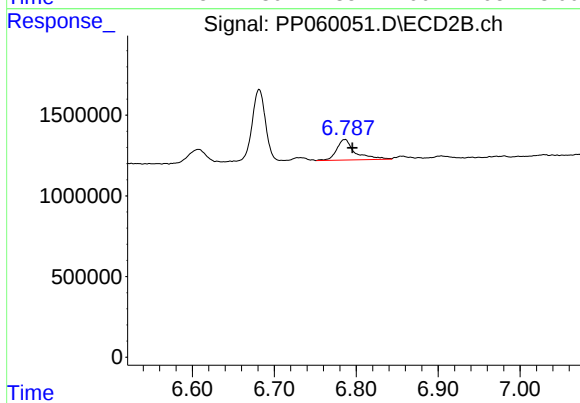
#29 AR-1254-4

R.T.: 6.364 min
Delta R.T.: -0.008 min
Response: 5329039
Conc: 63.31 ng/ml



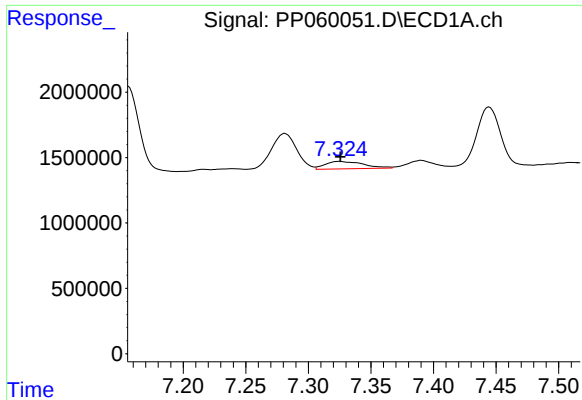
#30 AR-1254-5

R.T.: 7.868 min
Delta R.T.: -0.003 min
Response: 1563572
Conc: 16.07 ng/ml



#30 AR-1254-5

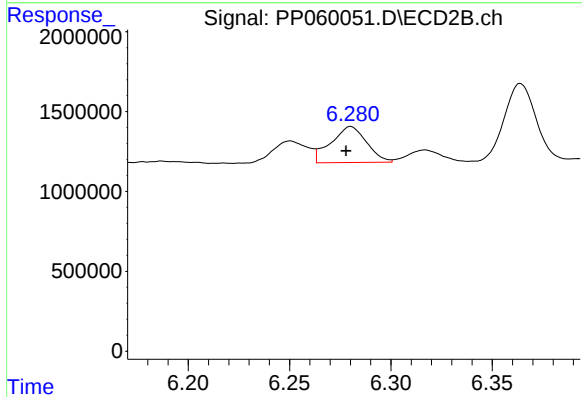
R.T.: 6.786 min
Delta R.T.: -0.009 min
Response: 2006035
Conc: 16.91 ng/ml



#31 AR-1260-1

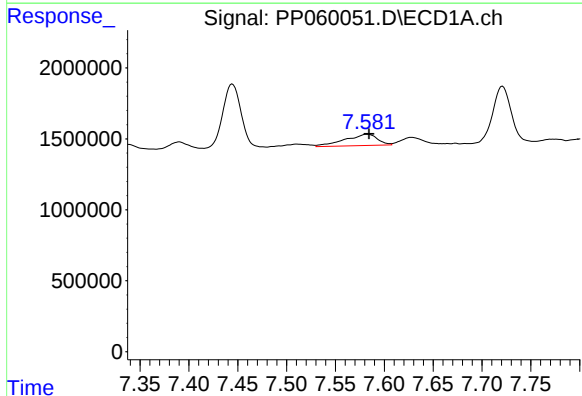
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1207536
Conc: 13.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



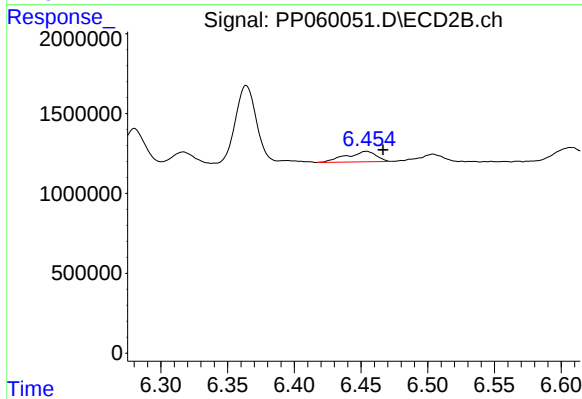
#31 AR-1260-1

R.T.: 6.280 min
Delta R.T.: 0.002 min
Response: 2755196
Conc: 29.59 ng/ml



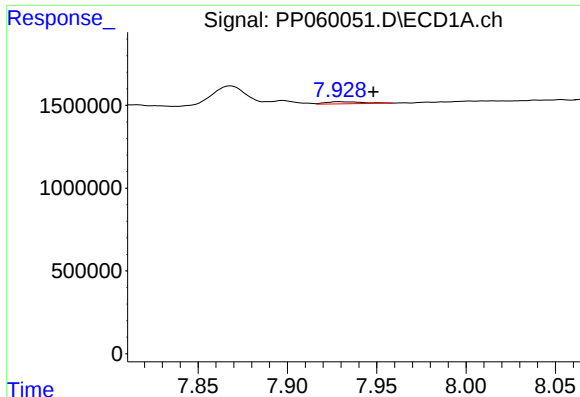
#32 AR-1260-2

R.T.: 7.582 min
Delta R.T.: -0.002 min
Response: 1853872
Conc: 18.07 ng/ml



#32 AR-1260-2

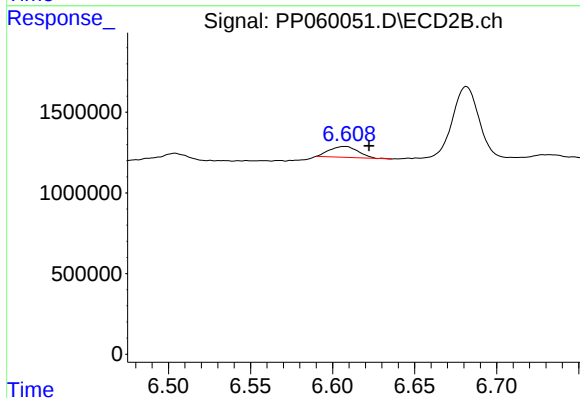
R.T.: 6.454 min
Delta R.T.: -0.012 min
Response: 1011984
Conc: 9.23 ng/ml



#33 AR-1260-3

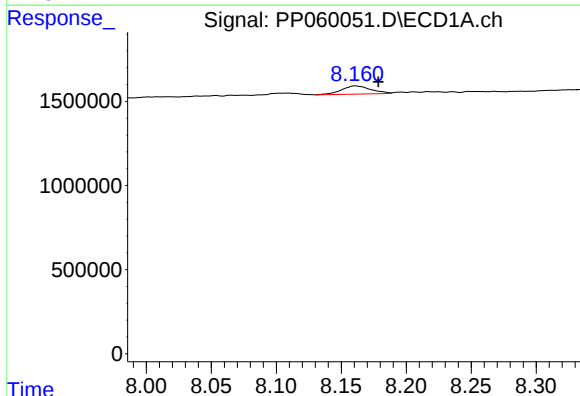
R.T.: 7.929 min
Delta R.T.: -0.020 min
Response: 173729
Conc: 2.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



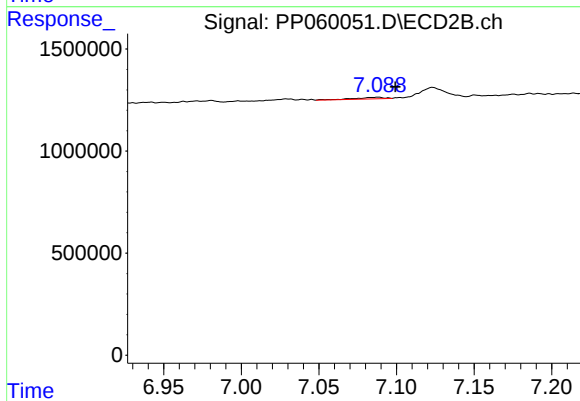
#33 AR-1260-3

R.T.: 6.607 min
Delta R.T.: -0.015 min
Response: 824792
Conc: 8.02 ng/ml



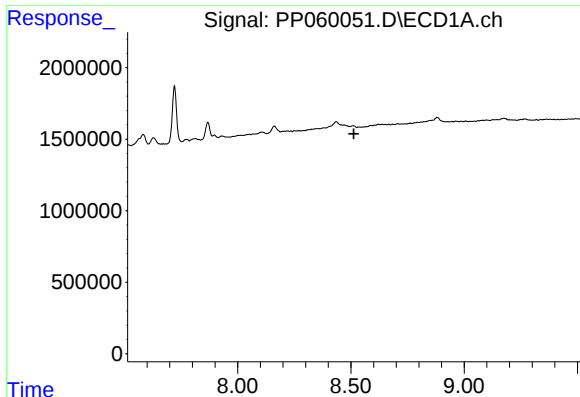
#34 AR-1260-4

R.T.: 8.161 min
Delta R.T.: -0.018 min
Response: 755389
Conc: 8.43 ng/ml



#34 AR-1260-4

R.T.: 7.088 min
Delta R.T.: -0.011 min
Response: 93590
Conc: 1.12 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

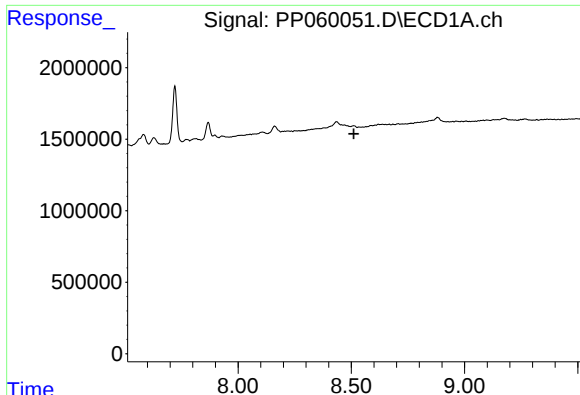
R.T.: 7.330 min
Delta R.T.: -0.012 min
Response: 207772
Conc: 1.08 ng/ml

#36 AR-1262-1

R.T.: 7.929 min
Delta R.T.: -0.018 min
Response: 173729
Conc: 1.50 ng/ml

#36 AR-1262-1

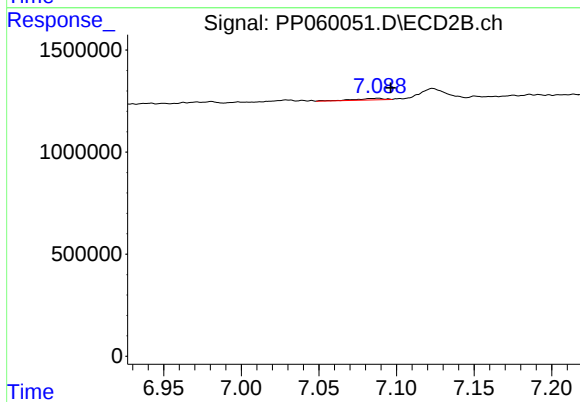
R.T.: 6.904 min
Delta R.T.: 0.016 min
Response: 171271
Conc: 3.39 ng/ml



#37 AR-1262-2

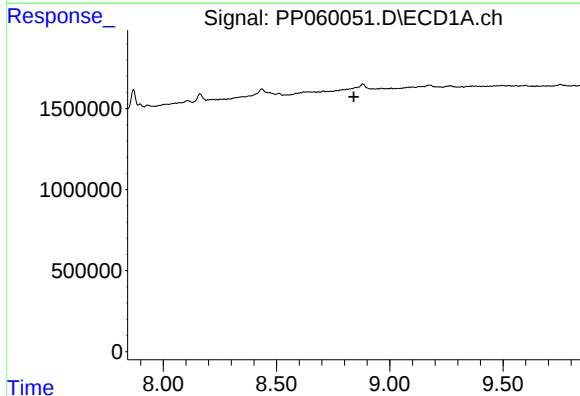
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



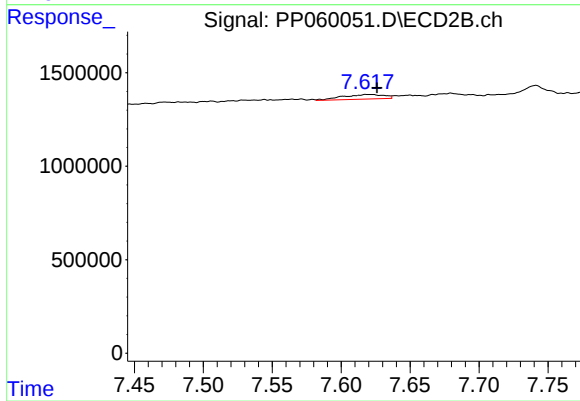
#37 AR-1262-2

R.T.: 7.088 min
Delta R.T.: -0.008 min
Response: 93590
Conc: 0.83 ng/ml



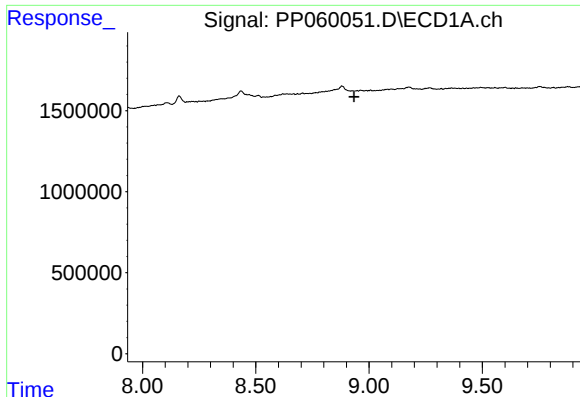
#38 AR-1262-3

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



#38 AR-1262-3

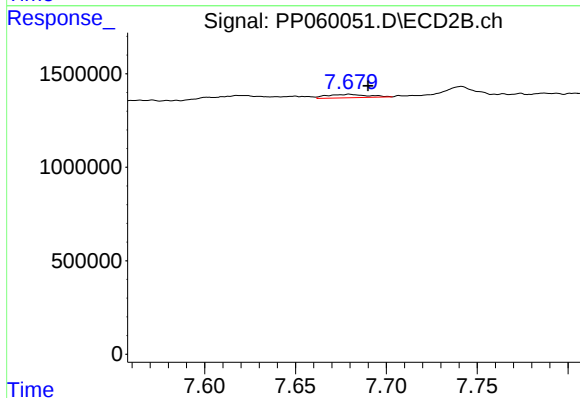
R.T.: 7.619 min
Delta R.T.: -0.007 min
Response: 511464
Conc: 5.84 ng/ml



#39 AR-1262-4

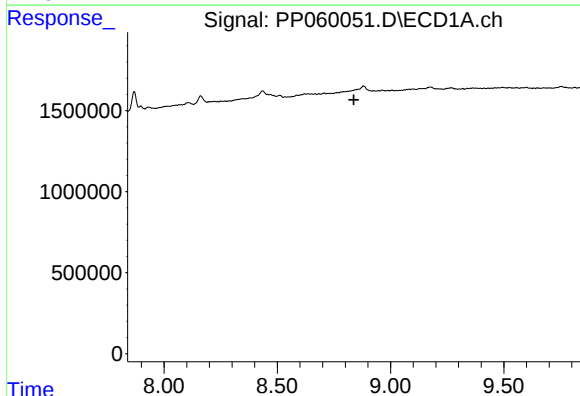
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



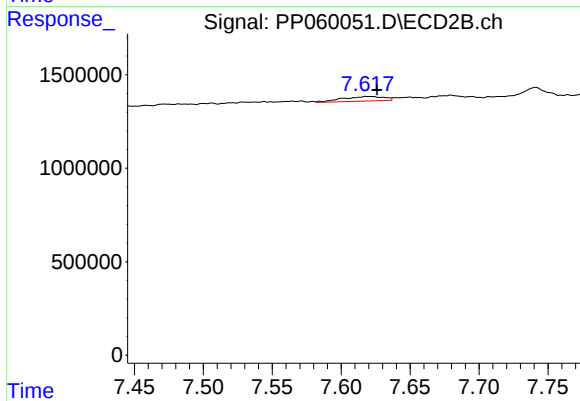
#39 AR-1262-4

R.T.: 7.680 min
Delta R.T.: -0.010 min
Response: 281801
Conc: 1.73 ng/ml



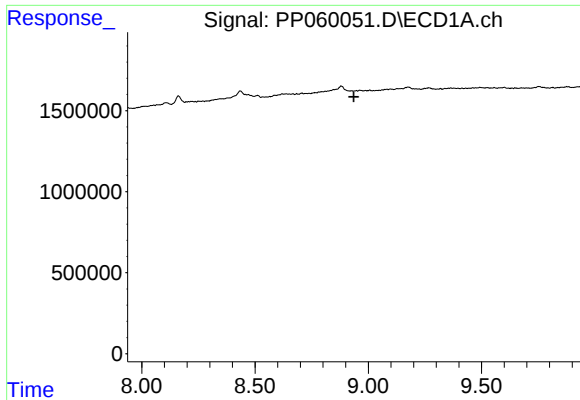
#41 AR-1268-1

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



#41 AR-1268-1

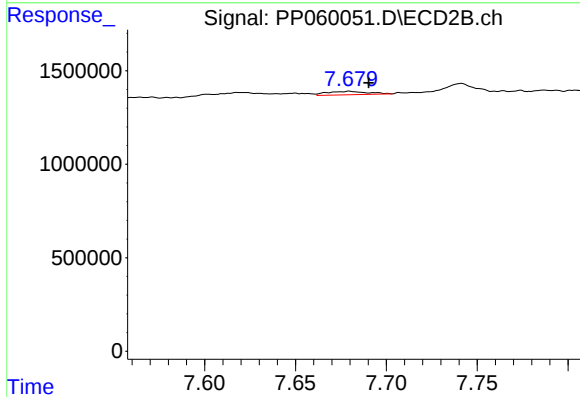
R.T.: 7.619 min
Delta R.T.: -0.007 min
Response: 511464
Conc: 1.96 ng/ml



#42 AR-1268-2

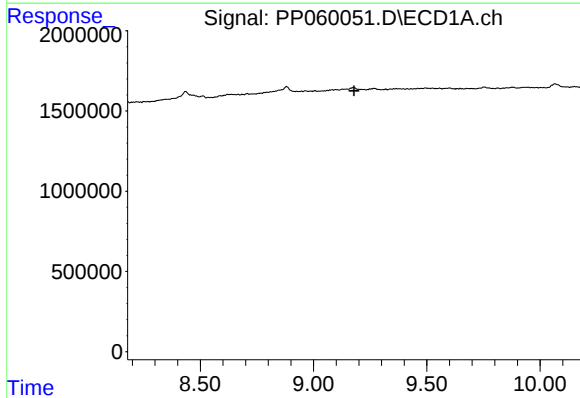
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



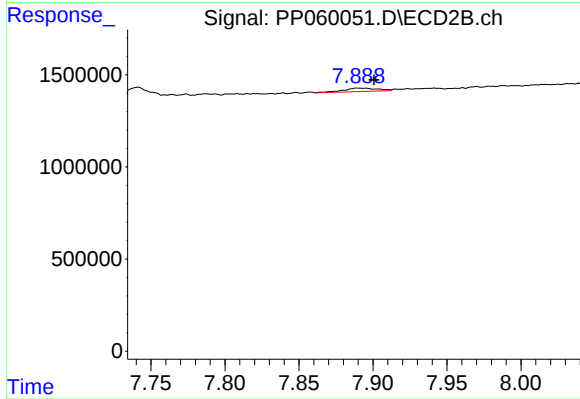
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: -0.011 min
Response: 281801
Conc: 1.22 ng/ml



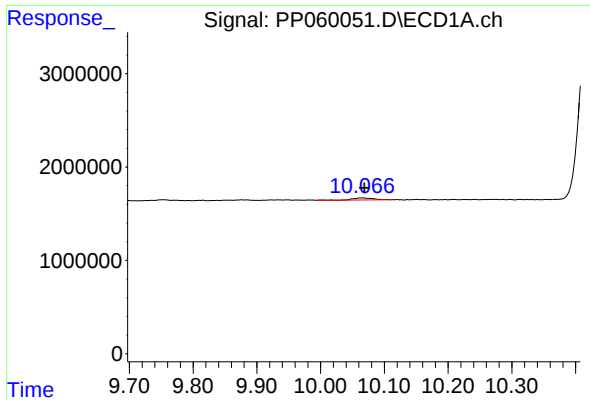
#43 AR-1268-3

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



#43 AR-1268-3

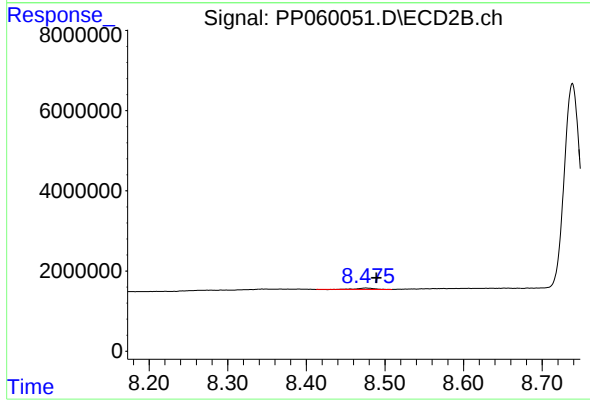
R.T.: 7.890 min
Delta R.T.: -0.011 min
Response: 285540
Conc: 1.40 ng/ml



#45 AR-1268-5

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 508082
Conc: 0.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.476 min
Delta R.T.: -0.013 min
Response: 522527
Conc: 0.83 ng/ml