

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092223\
 Data File : PP060148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 16:02
 Operator : YP\AJ
 Sample : 04567-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 16:48:45 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...	4.508	3.666	36495570	27934241	17.544	17.149
2)	SA Decachlor...	10.428	8.733	28593266	29772390	18.745	19.663
Target Compounds							
3)	L1 AR-1016-1	5.696	4.784	312725	263904	4.635	4.390
4)	L1 AR-1016-2	5.719	4.784	355882	263904	3.720	3.179
5)	L1 AR-1016-3	0.000	4.965	0	257357	N.D.	5.737 #
6)	L1 AR-1016-4	0.000	5.009	0	71448	N.D.	2.025 #
7)	L1 AR-1016-5	6.180	5.216f	253257	496351	5.151	10.675 #
8)	L2 AR-1221-1	4.719	0.000	499124	0	18.776	N.D. #
9)	L2 AR-1221-2	4.820	3.968	593708	410433	30.163	26.584
10)	L2 AR-1221-3	0.000	4.044	0	142724	N.D.	3.043 #
11)	L3 AR-1232-1	0.000	4.044	0	142724	N.D.	3.755 #
12)	L3 AR-1232-2	0.000	4.784	0	263904	N.D.	7.157 #
13)	L3 AR-1232-3	5.719	4.965	355882	257357	8.237	12.853 #
14)	L3 AR-1232-4	0.000	5.046	0	212591	N.D.	11.638 #
15)	L3 AR-1232-5	0.000	5.216	0	496351	N.D.	24.757 #
16)	L4 AR-1242-1	5.696	4.784	312725	263904	5.236	5.011
17)	L4 AR-1242-2	5.719	4.784	355882	263904	4.235	3.662
18)	L4 AR-1242-3	0.000	4.965	0	257357	N.D.	6.576 #
19)	L4 AR-1242-4	0.000	5.046	0	212591	N.D.	5.425 #
20)	L4 AR-1242-5	6.627	5.573	1873039	385423	40.968	7.967 #
21)	L5 AR-1248-1	5.696	4.763	312725	257683	6.997	6.595
22)	L5 AR-1248-2	0.000	5.009	0	71448	N.D.	1.319 #
23)	L5 AR-1248-3	6.180	5.046	253257	212591	3.576	3.736
24)	L5 AR-1248-4	6.593	5.216	1912282	496351	24.724	7.390 #
25)	L5 AR-1248-5	6.627	5.620	1873039	82449	24.894	1.250 #
26)	L6 AR-1254-1	6.566	5.573	1571045	385423	19.678	3.841 #
27)	L6 AR-1254-2	6.783	5.728	906910	47116	7.572	0.542 #
28)	L6 AR-1254-3	7.161	6.133	678626	127599	5.586	0.909 #
29)	L6 AR-1254-4	0.000	6.362	0	14690	N.D.	0.175 #
30)	L6 AR-1254-5	7.887f	6.783	37170804	36772026	382.120	310.005
31)	L7 AR-1260-1	7.336	6.272	380510	34167	4.221	0.367 #
32)	L7 AR-1260-2	7.567	6.476	4083493	35939	39.805	0.328 #
33)	L7 AR-1260-3	7.939	6.606	169552	38843	2.153	0.378 #
34)	L7 AR-1260-4	0.000	7.097	0	31120	N.D.	0.374 #
35)	L7 AR-1260-5	0.000	7.324	0	285504	N.D.	1.484 #
36)	L8 AR-1262-1	7.939	6.904f	169552	28635	1.465	0.567 #
37)	L8 AR-1262-2	0.000	7.097	0	31120	N.D.	0.275 #
38)	L8 AR-1262-3	0.000	7.629	0	77442	N.D.	0.883 #
39)	L8 AR-1262-4	8.921	7.675	596610	414229	5.254	2.537 #
41)	L9 AR-1268-1	0.000	7.629	0	77442	N.D.	0.297 #
42)	L9 AR-1268-2	8.921	7.675f	596610	414229	2.600	1.792 #

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Integration File signal 1: autoint1.e
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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	7.906	0	38788	N.D.	0.190 #
45) L9	AR-1268-5	0.000	8.487	0	33174	N.D.	0.053 #

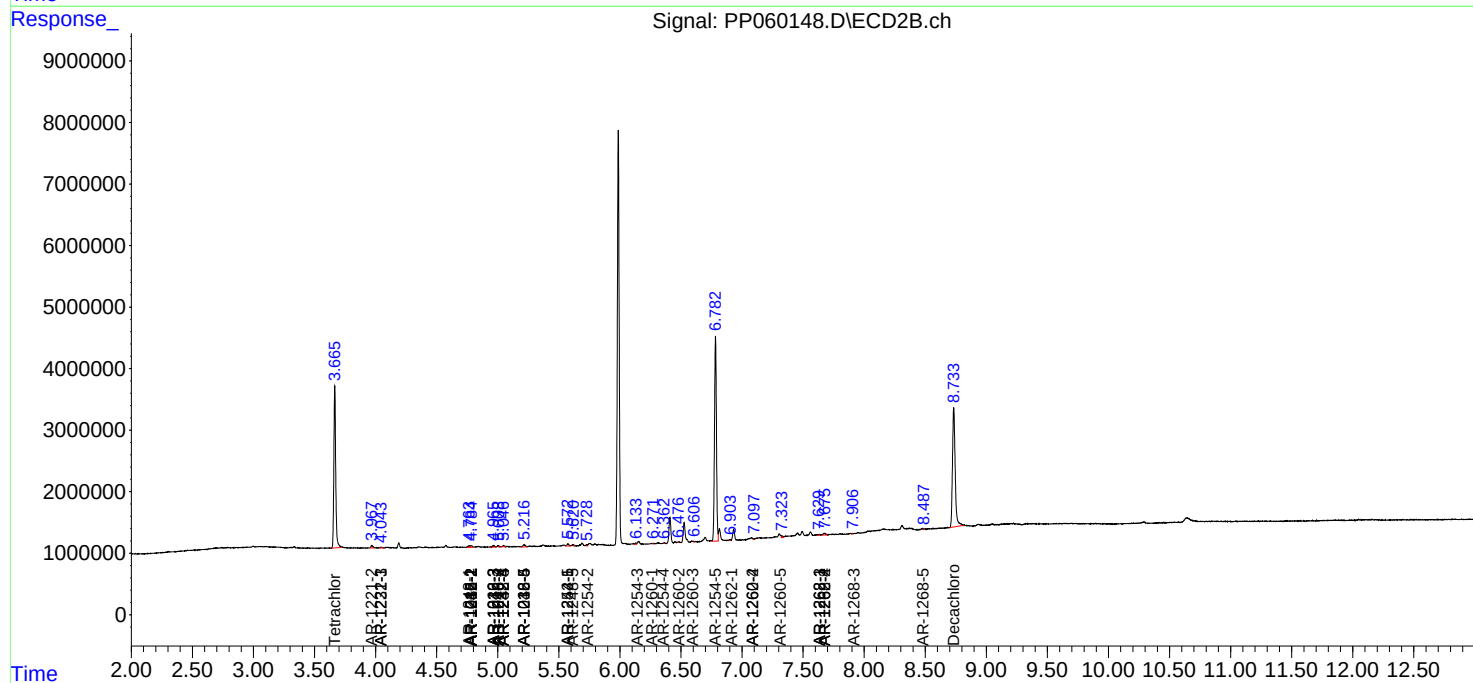
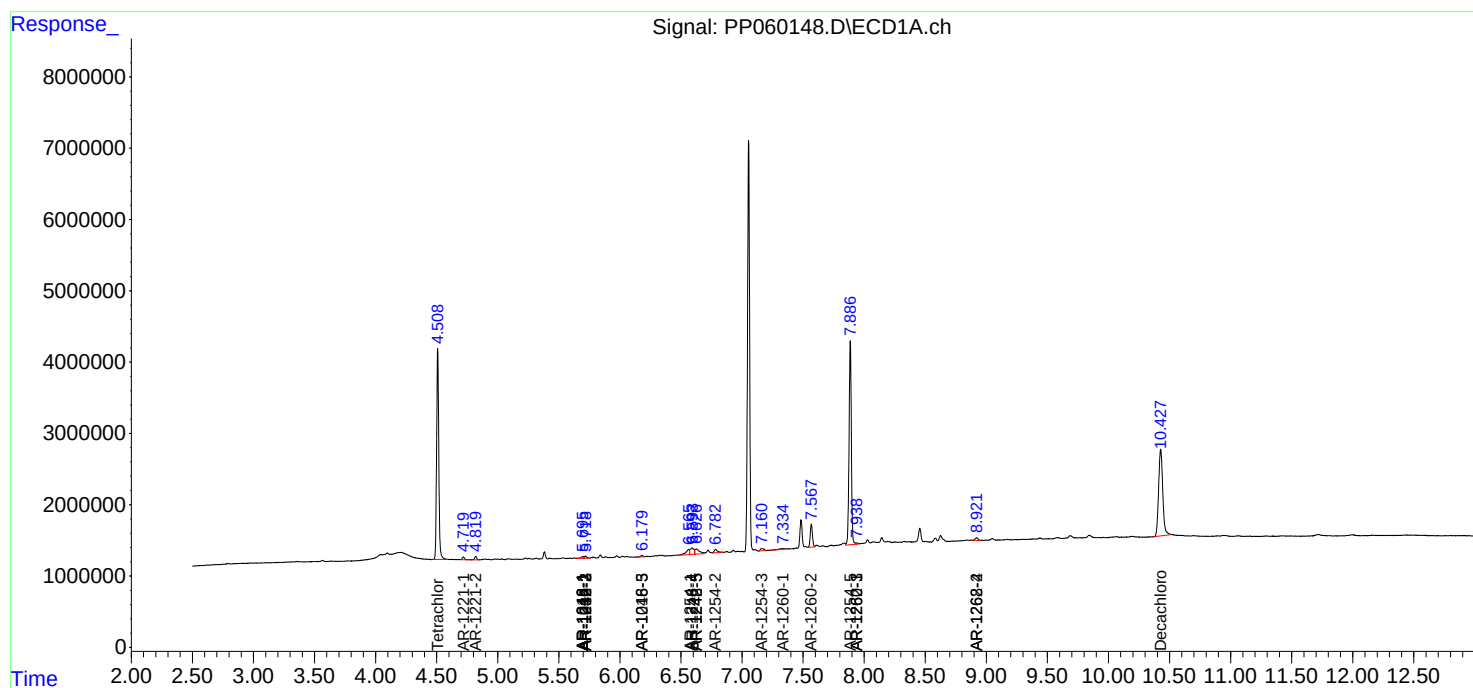
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

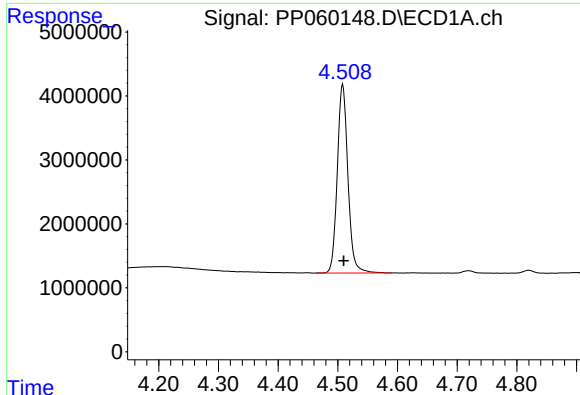
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092223\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

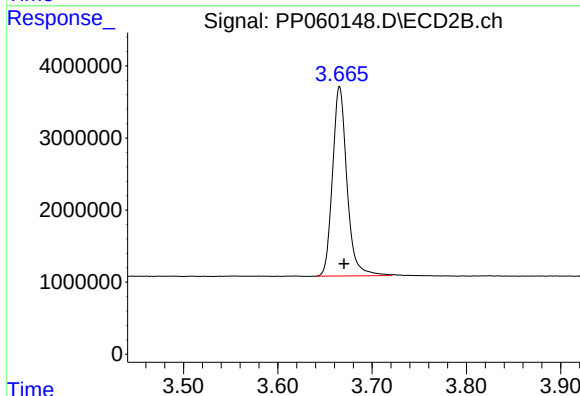




#1 Tetrachloro-m-xylene

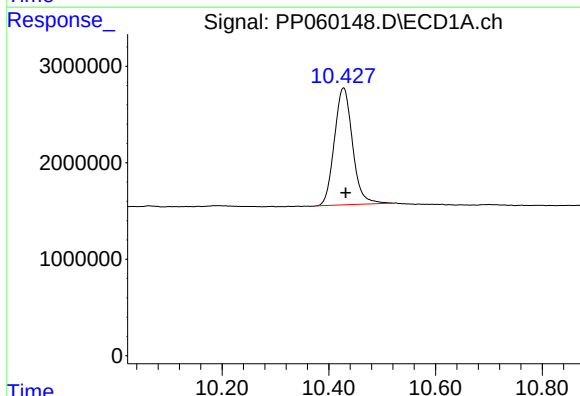
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 36495570
Conc: 17.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



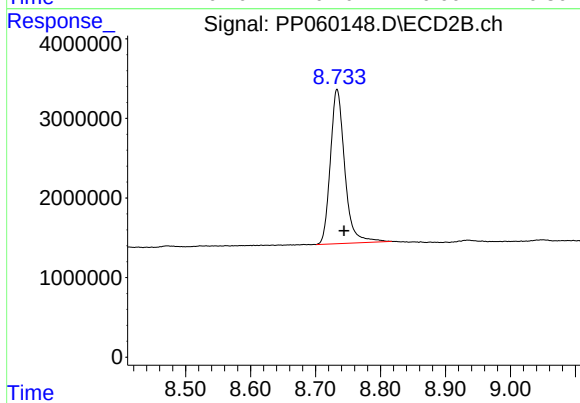
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.005 min
Response: 27934241
Conc: 17.15 ng/ml



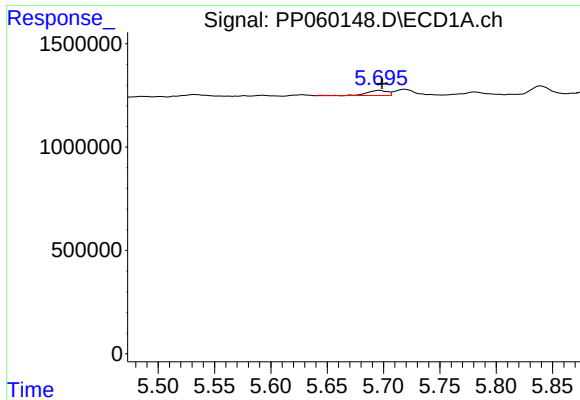
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.004 min
Response: 28593266
Conc: 18.75 ng/ml



#2 Decachlorobiphenyl

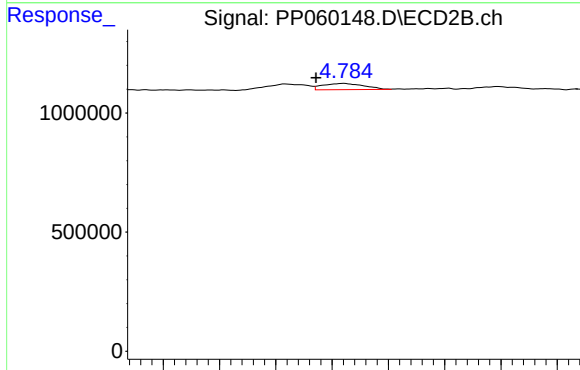
R.T.: 8.733 min
Delta R.T.: -0.011 min
Response: 29772390
Conc: 19.66 ng/ml



#3 AR-1016-1

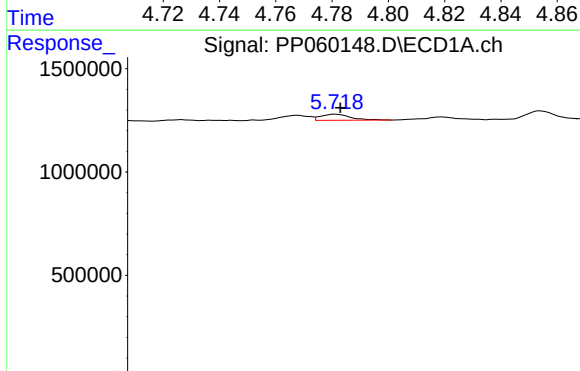
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 312725
Conc: 4.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



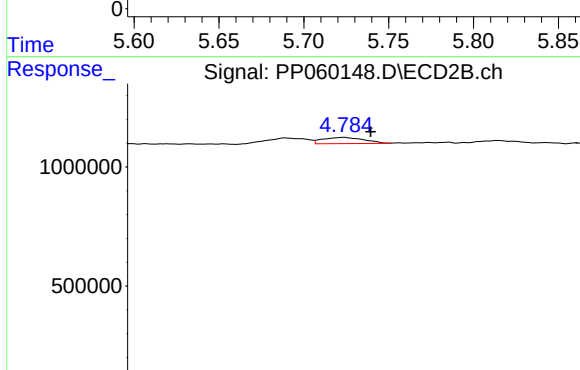
#3 AR-1016-1

R.T.: 4.784 min
Delta R.T.: 0.010 min
Response: 263904
Conc: 4.39 ng/ml



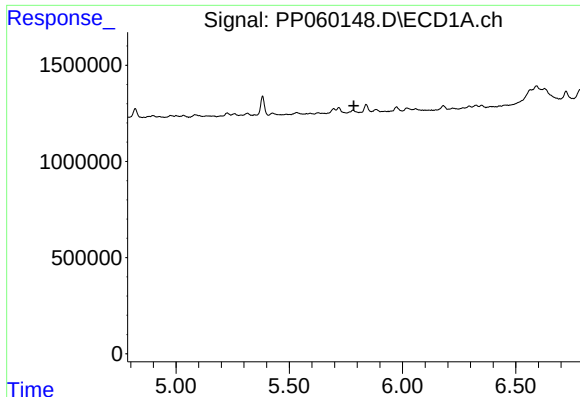
#4 AR-1016-2

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 355882
Conc: 3.72 ng/ml



#4 AR-1016-2

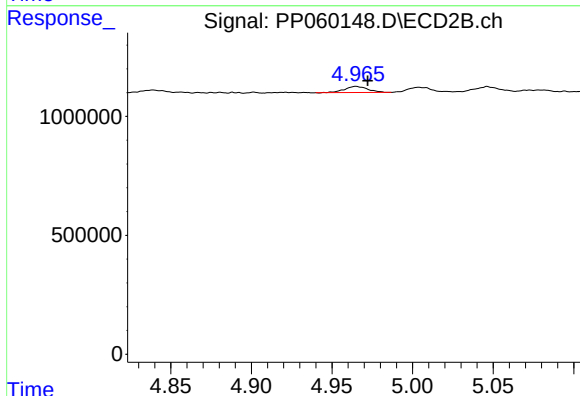
R.T.: 4.784 min
Delta R.T.: -0.009 min
Response: 263904
Conc: 3.18 ng/ml



#5 AR-1016-3

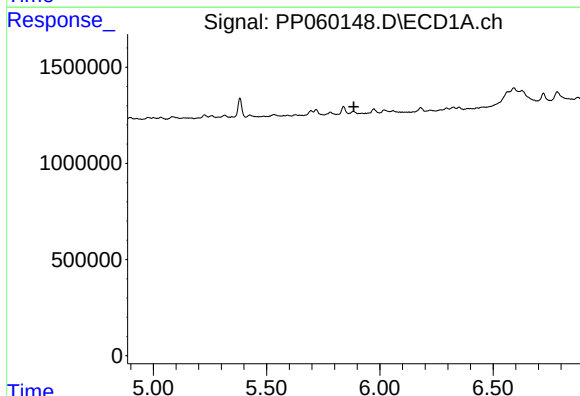
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



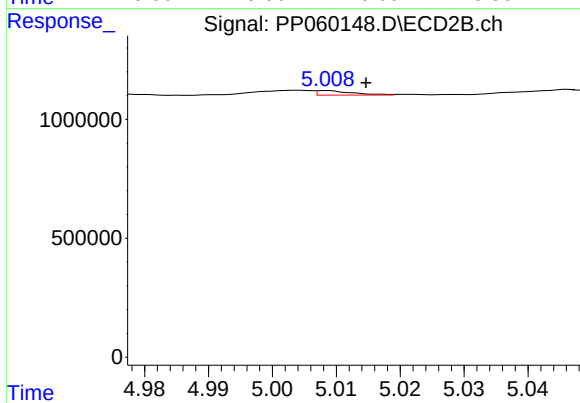
#5 AR-1016-3

R.T.: 4.965 min
Delta R.T.: -0.007 min
Response: 257357
Conc: 5.74 ng/ml



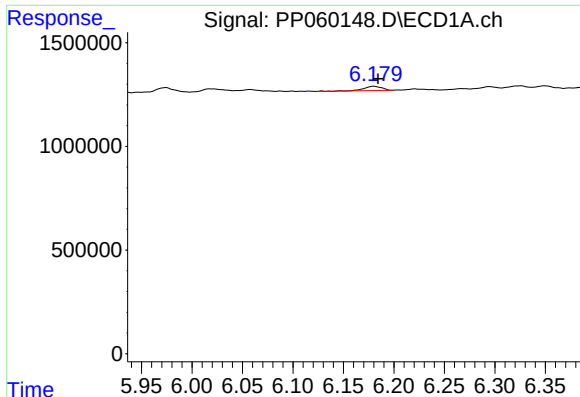
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

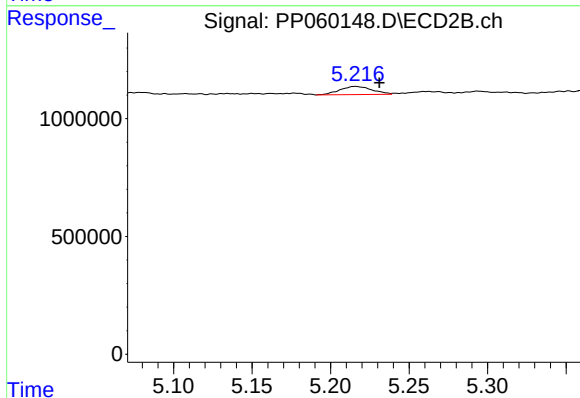
R.T.: 5.009 min
Delta R.T.: -0.006 min
Response: 71448
Conc: 2.03 ng/ml



#7 AR-1016-5

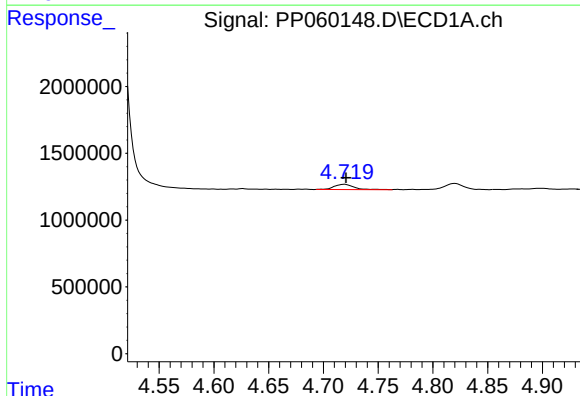
R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 253257
Conc: 5.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



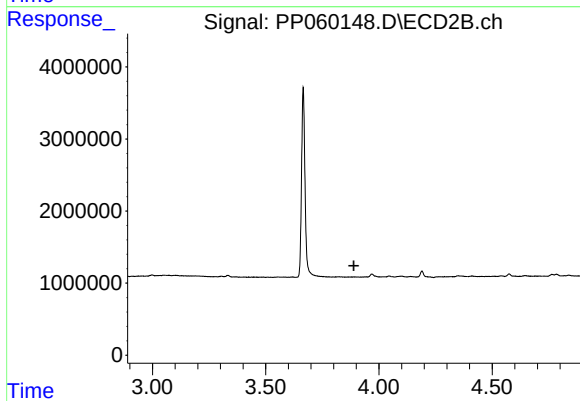
#7 AR-1016-5

R.T.: 5.216 min
Delta R.T.: -0.015 min
Response: 496351
Conc: 10.68 ng/ml



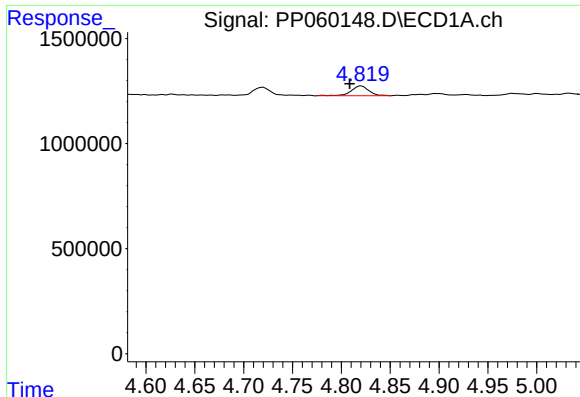
#8 AR-1221-1

R.T.: 4.719 min
Delta R.T.: -0.001 min
Response: 499124
Conc: 18.78 ng/ml



#8 AR-1221-1

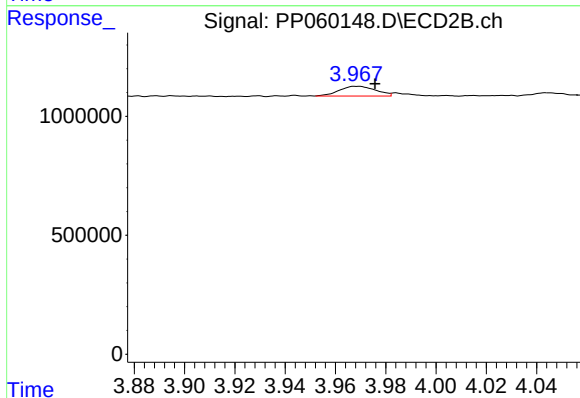
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#9 AR-1221-2

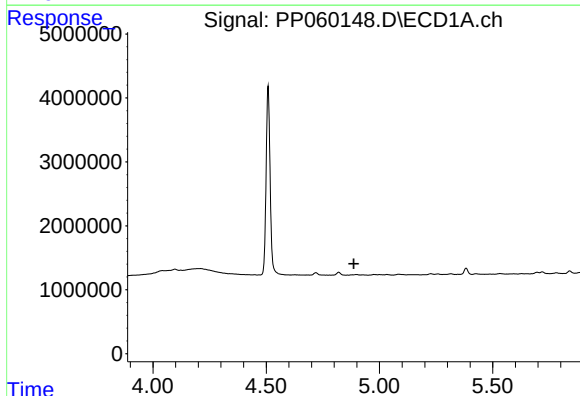
R.T.: 4.820 min
Delta R.T.: 0.011 min
Response: 593708
Conc: 30.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



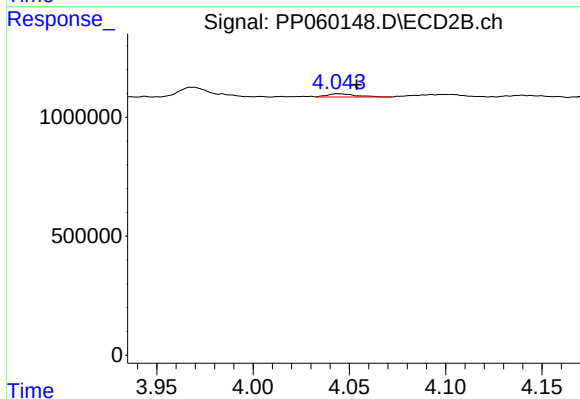
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: -0.008 min
Response: 410433
Conc: 26.58 ng/ml



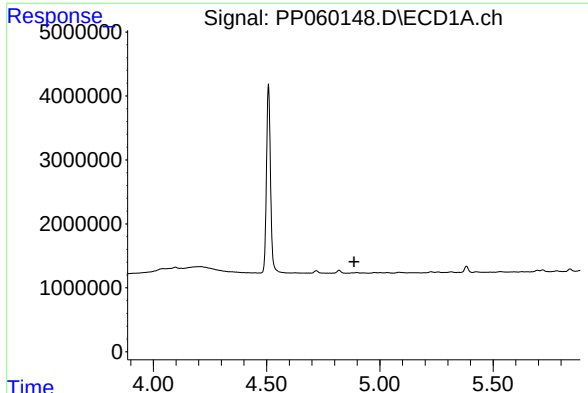
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.



#10 AR-1221-3

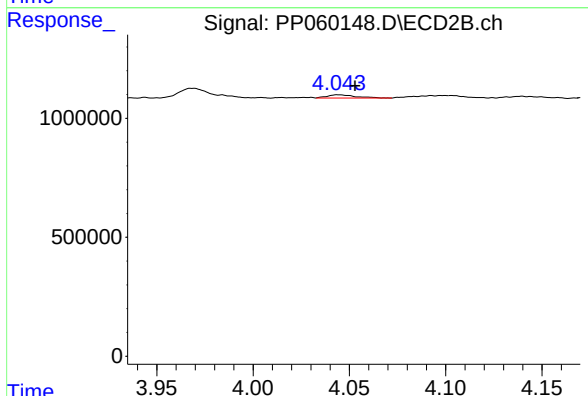
R.T.: 4.044 min
Delta R.T.: -0.010 min
Response: 142724
Conc: 3.04 ng/ml



#11 AR-1232-1

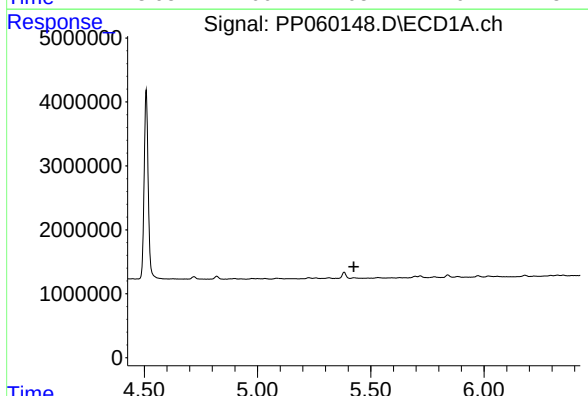
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



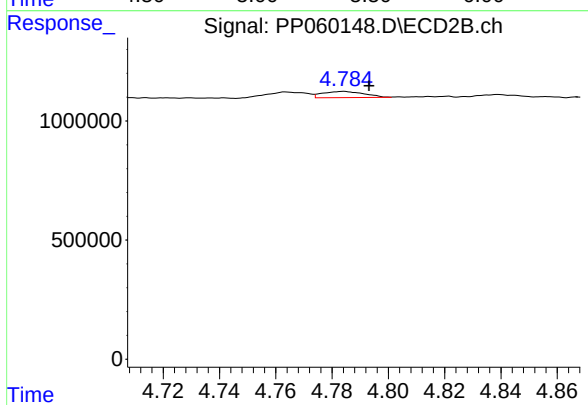
#11 AR-1232-1

R.T.: 4.044 min
Delta R.T.: -0.009 min
Response: 142724
Conc: 3.75 ng/ml



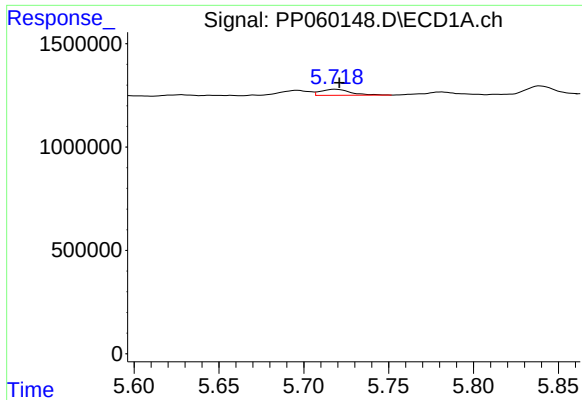
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

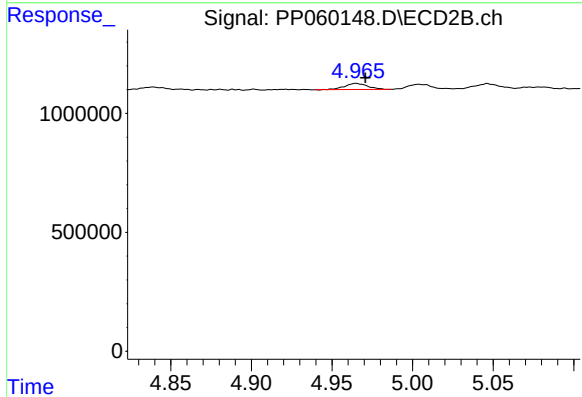
R.T.: 4.784 min
Delta R.T.: -0.009 min
Response: 263904
Conc: 7.16 ng/ml



#13 AR-1232-3

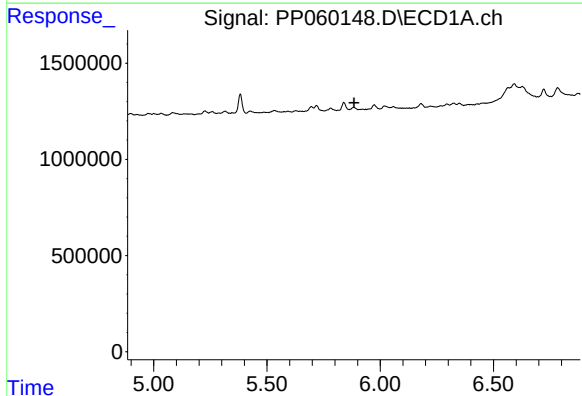
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 355882
Conc: 8.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



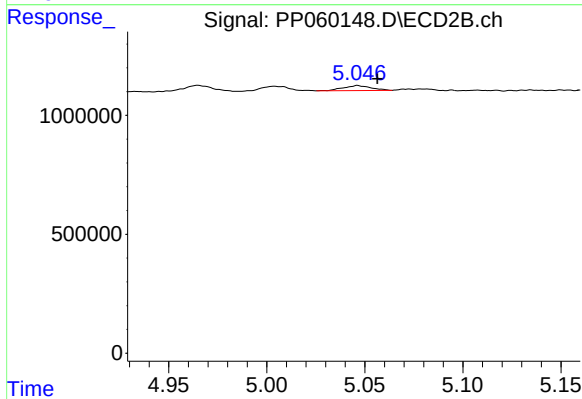
#13 AR-1232-3

R.T.: 4.965 min
Delta R.T.: -0.006 min
Response: 257357
Conc: 12.85 ng/ml



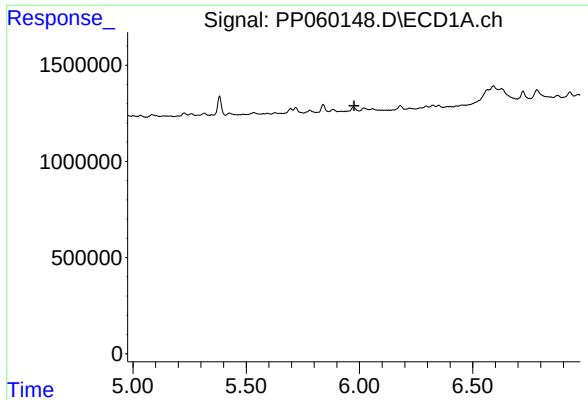
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

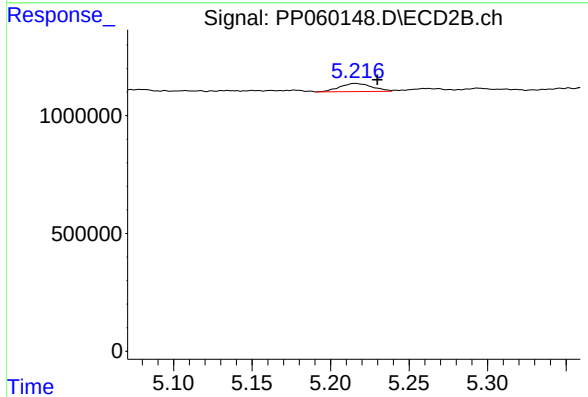
R.T.: 5.046 min
Delta R.T.: -0.010 min
Response: 212591
Conc: 11.64 ng/ml



#15 AR-1232-5

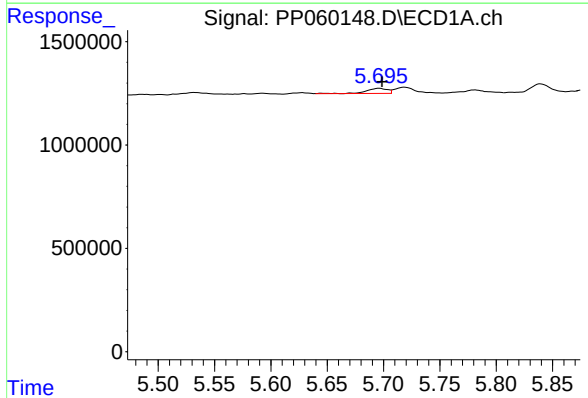
R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



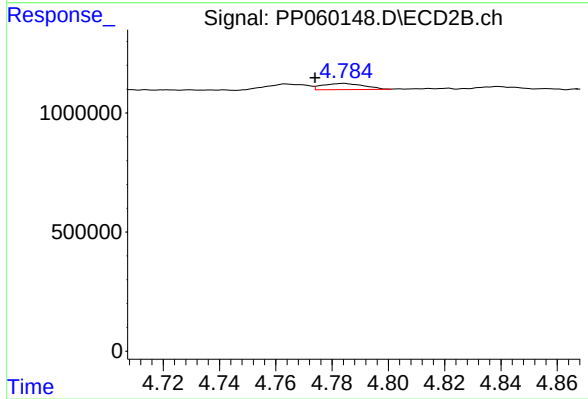
#15 AR-1232-5

R.T.: 5.216 min
Delta R.T.: -0.014 min
Response: 496351
Conc: 24.76 ng/ml



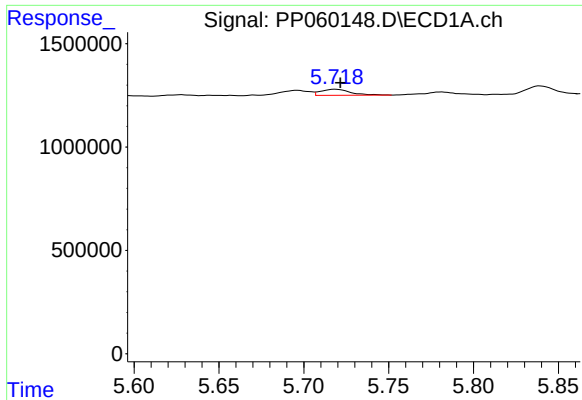
#16 AR-1242-1

R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 312725
Conc: 5.24 ng/ml



#16 AR-1242-1

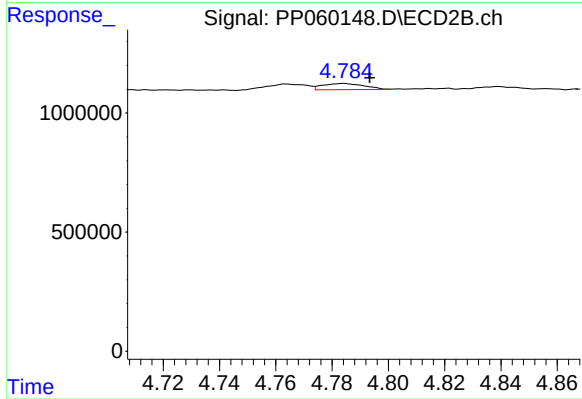
R.T.: 4.784 min
Delta R.T.: 0.010 min
Response: 263904
Conc: 5.01 ng/ml



#17 AR-1242-2

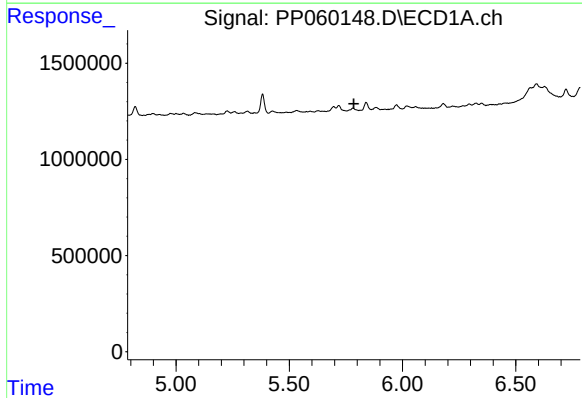
R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 355882
Conc: 4.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



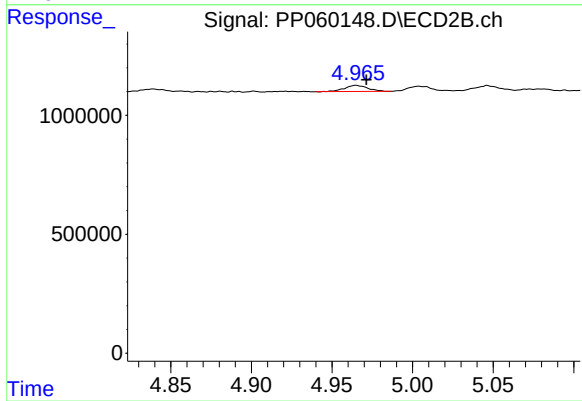
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: -0.009 min
Response: 263904
Conc: 3.66 ng/ml



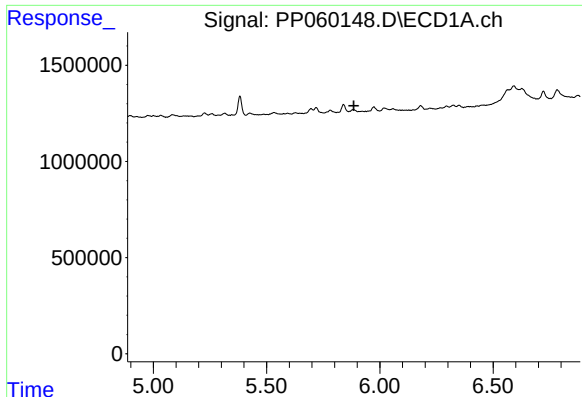
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.785 min
Response: 0
Conc: N.D.



#18 AR-1242-3

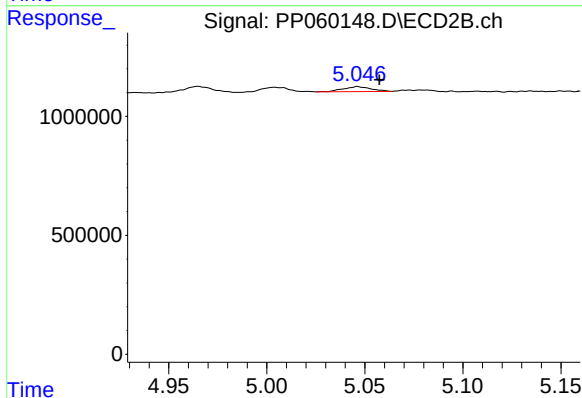
R.T.: 4.965 min
Delta R.T.: -0.006 min
Response: 257357
Conc: 6.58 ng/ml



#19 AR-1242-4

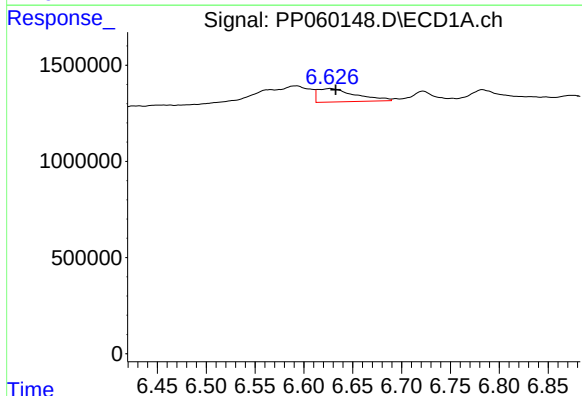
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



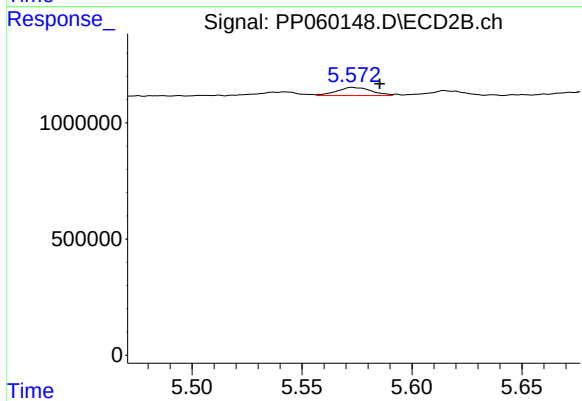
#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.011 min
Response: 212591
Conc: 5.42 ng/ml



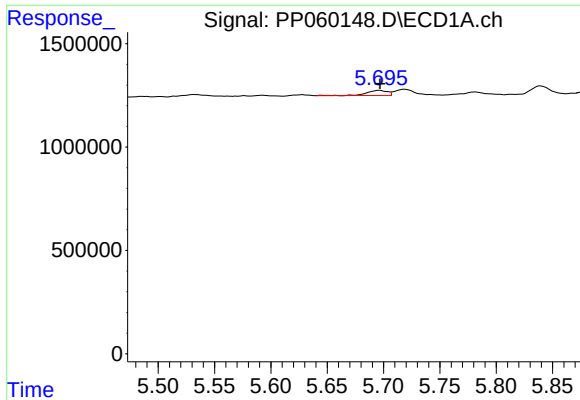
#20 AR-1242-5

R.T.: 6.627 min
Delta R.T.: -0.005 min
Response: 1873039
Conc: 40.97 ng/ml



#20 AR-1242-5

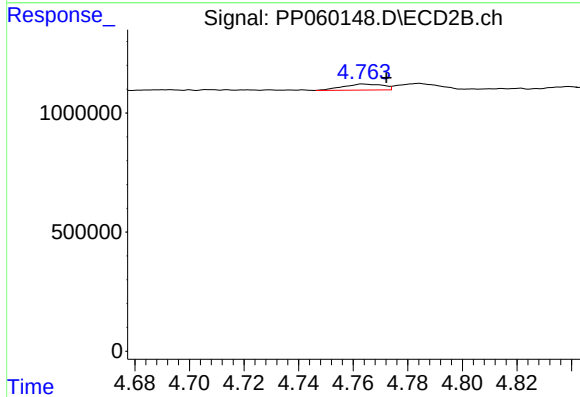
R.T.: 5.573 min
Delta R.T.: -0.013 min
Response: 385423
Conc: 7.97 ng/ml



#21 AR-1248-1

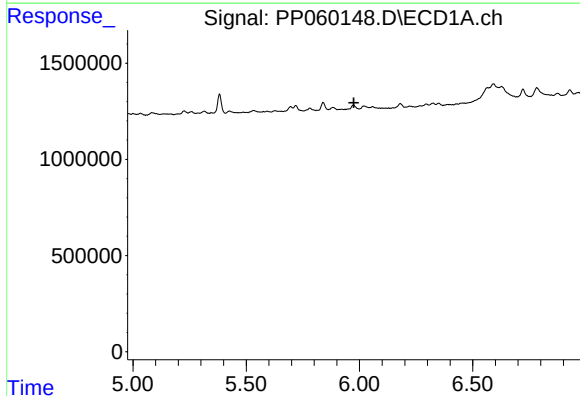
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 312725
Conc: 7.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



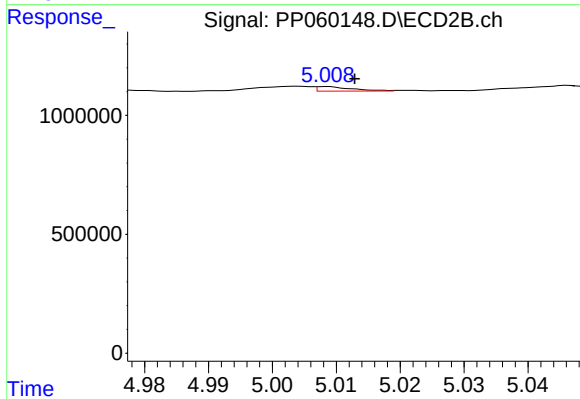
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.009 min
Response: 257683
Conc: 6.59 ng/ml



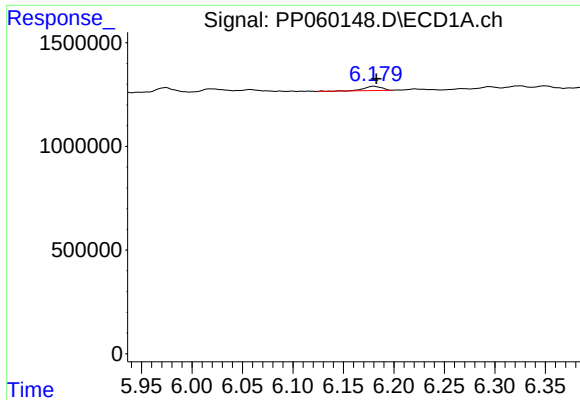
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.975 min
Response: 0
Conc: N.D.



#22 AR-1248-2

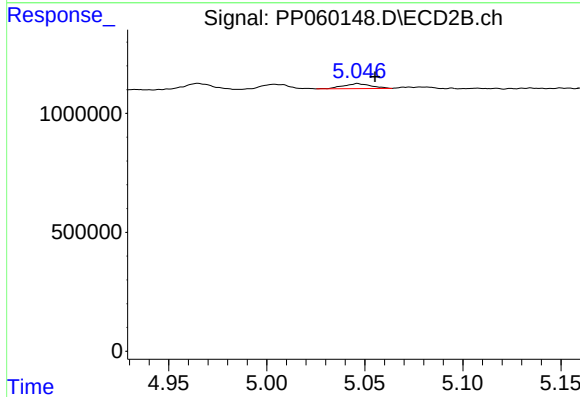
R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 71448
Conc: 1.32 ng/ml



#23 AR-1248-3

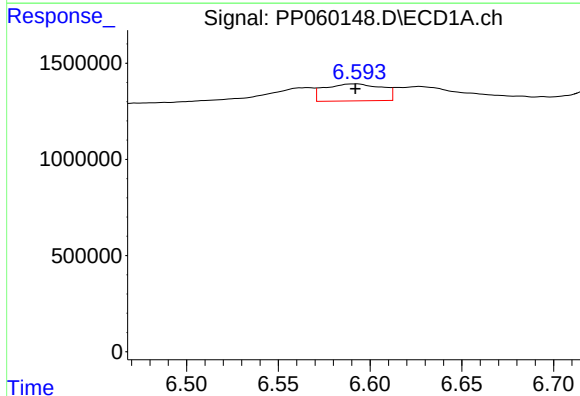
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 253257
Conc: 3.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



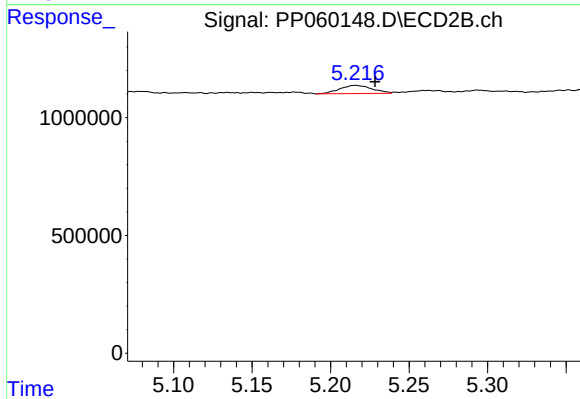
#23 AR-1248-3

R.T.: 5.046 min
Delta R.T.: -0.009 min
Response: 212591
Conc: 3.74 ng/ml



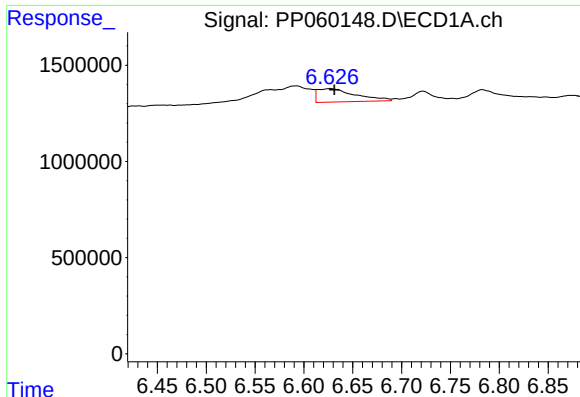
#24 AR-1248-4

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 1912282
Conc: 24.72 ng/ml



#24 AR-1248-4

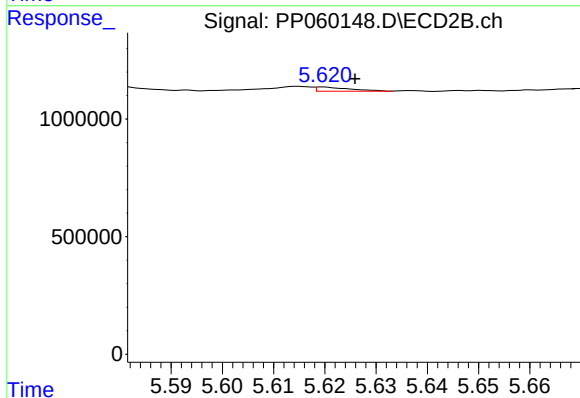
R.T.: 5.216 min
Delta R.T.: -0.013 min
Response: 496351
Conc: 7.39 ng/ml



#25 AR-1248-5

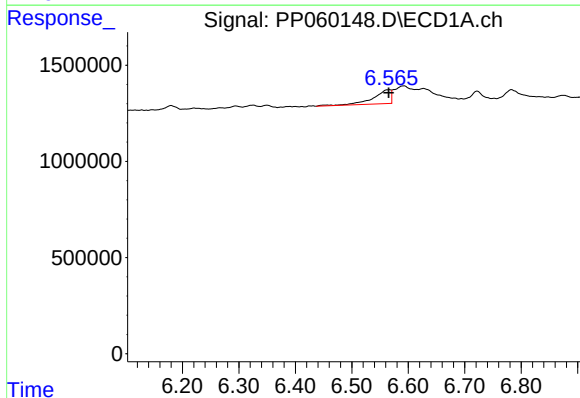
R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 1873039
Conc: 24.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



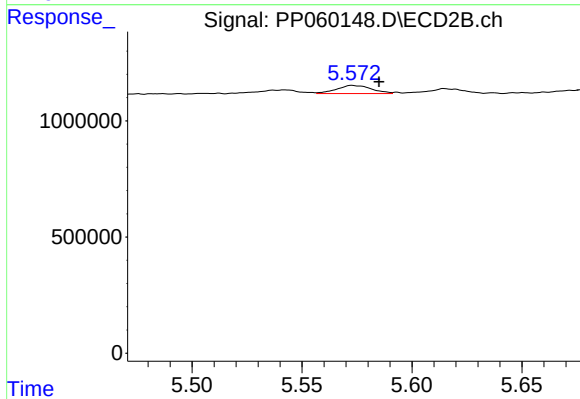
#25 AR-1248-5

R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 82449
Conc: 1.25 ng/ml



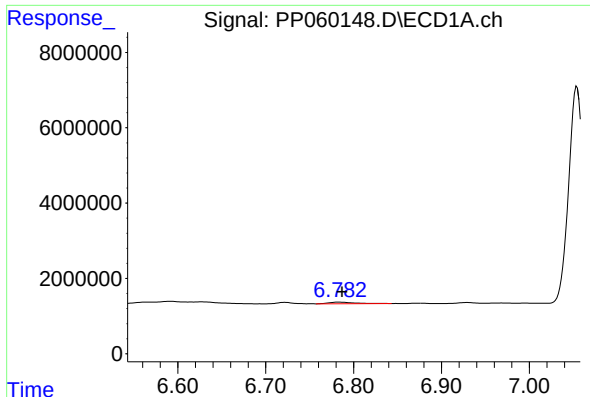
#26 AR-1254-1

R.T.: 6.566 min
Delta R.T.: 0.001 min
Response: 1571045
Conc: 19.68 ng/ml



#26 AR-1254-1

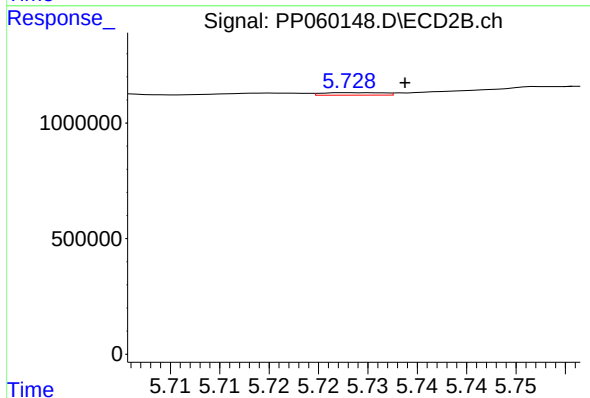
R.T.: 5.573 min
Delta R.T.: -0.012 min
Response: 385423
Conc: 3.84 ng/ml



#27 AR-1254-2

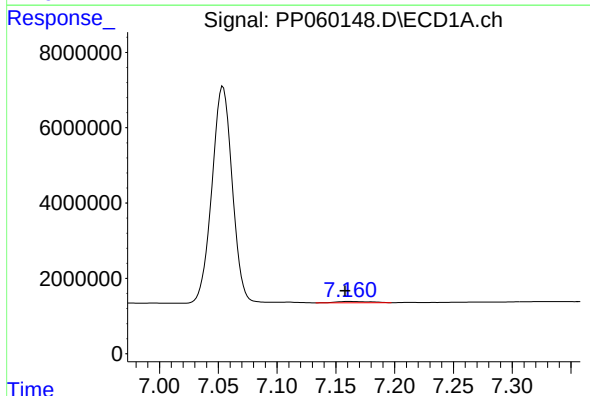
R.T.: 6.783 min
Delta R.T.: -0.004 min
Response: 906910
Conc: 7.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



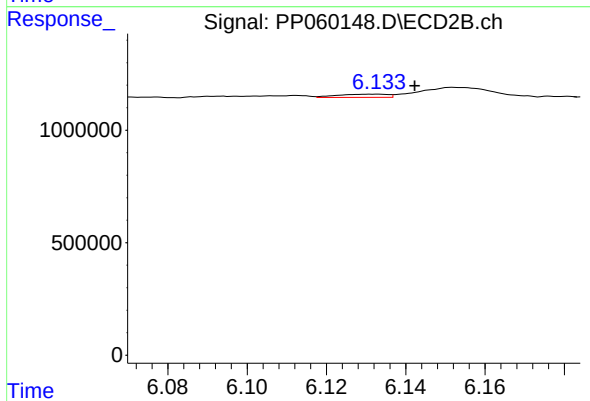
#27 AR-1254-2

R.T.: 5.728 min
Delta R.T.: -0.006 min
Response: 47116
Conc: 0.54 ng/ml



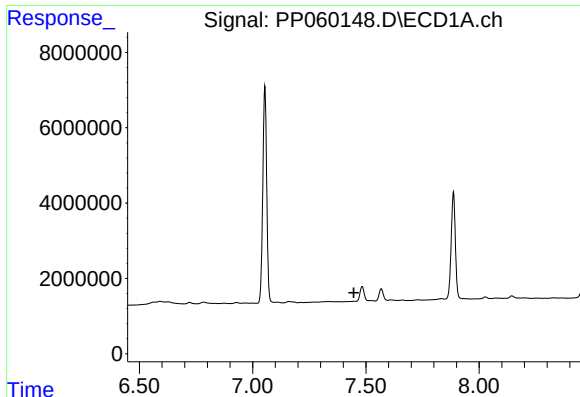
#28 AR-1254-3

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 678626
Conc: 5.59 ng/ml



#28 AR-1254-3

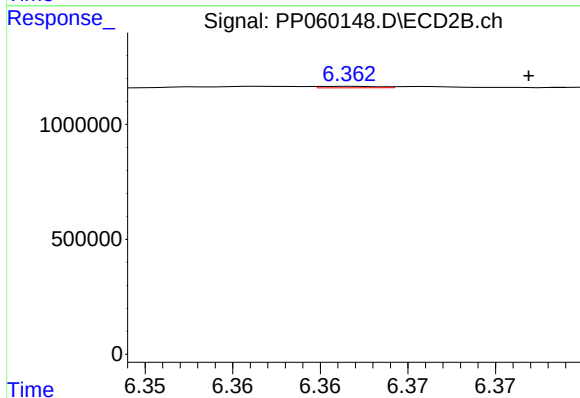
R.T.: 6.133 min
Delta R.T.: -0.009 min
Response: 127599
Conc: 0.91 ng/ml



#29 AR-1254-4

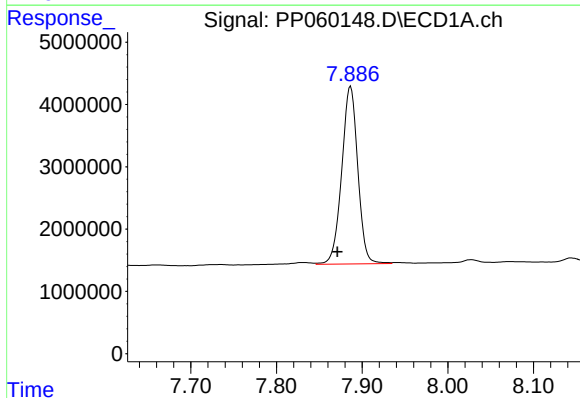
R.T.: 0.000 min
Exp R.T.: 7.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



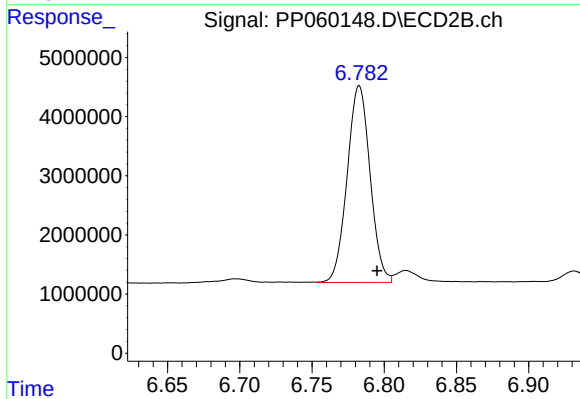
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: -0.010 min
Response: 14690
Conc: 0.17 ng/ml



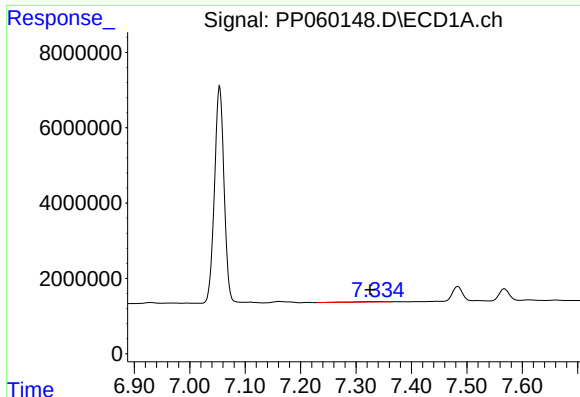
#30 AR-1254-5

R.T.: 7.887 min
Delta R.T.: 0.015 min
Response: 37170804
Conc: 382.12 ng/ml



#30 AR-1254-5

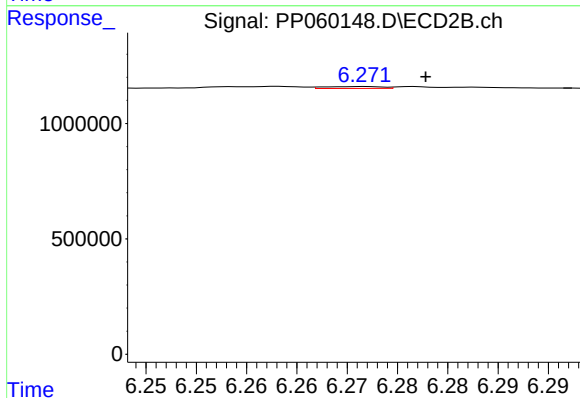
R.T.: 6.783 min
Delta R.T.: -0.012 min
Response: 36772026
Conc: 310.00 ng/ml



#31 AR-1260-1

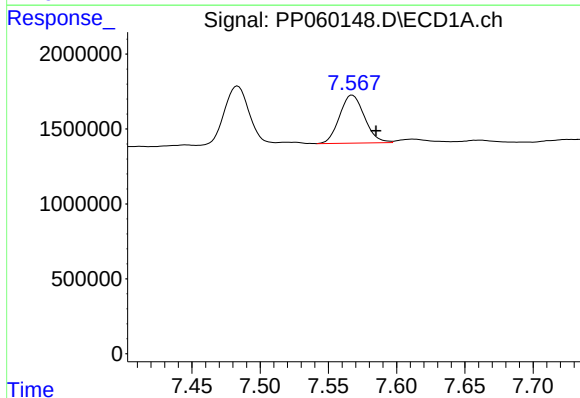
R.T.: 7.336 min
Delta R.T.: 0.010 min
Response: 380510
Conc: 4.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



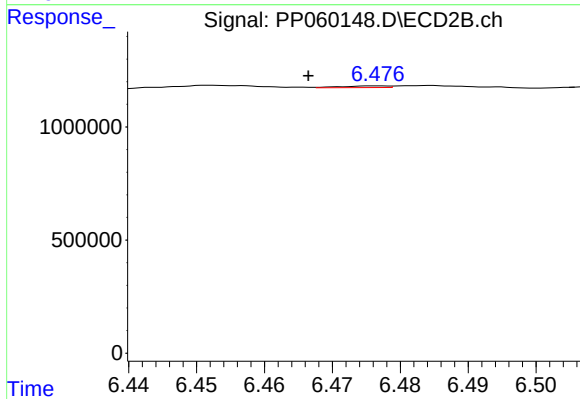
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: -0.006 min
Response: 34167
Conc: 0.37 ng/ml



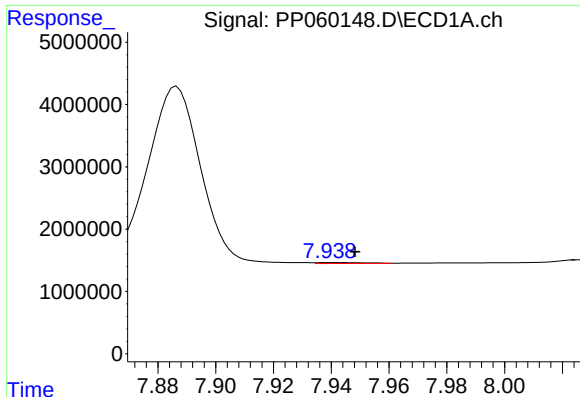
#32 AR-1260-2

R.T.: 7.567 min
Delta R.T.: -0.018 min
Response: 4083493
Conc: 39.80 ng/ml



#32 AR-1260-2

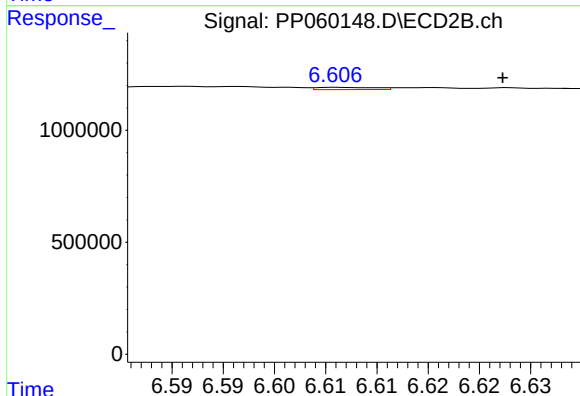
R.T.: 6.476 min
Delta R.T.: 0.010 min
Response: 35939
Conc: 0.33 ng/ml



#33 AR-1260-3

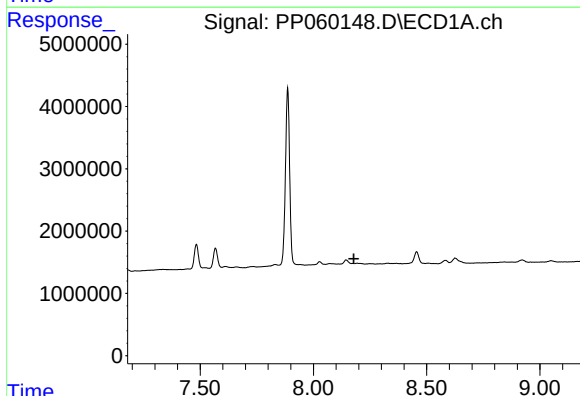
R.T.: 7.939 min
Delta R.T.: -0.009 min
Response: 169552
Conc: 2.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



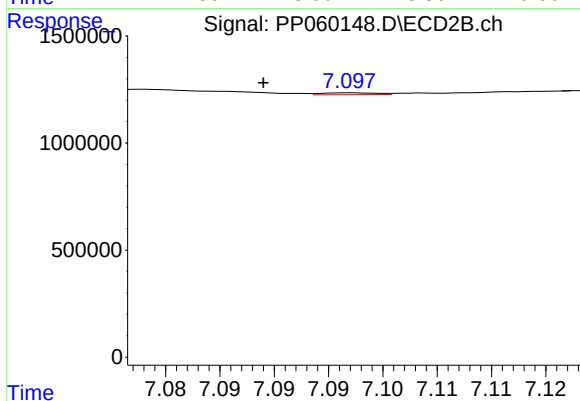
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: -0.016 min
Response: 38843
Conc: 0.38 ng/ml



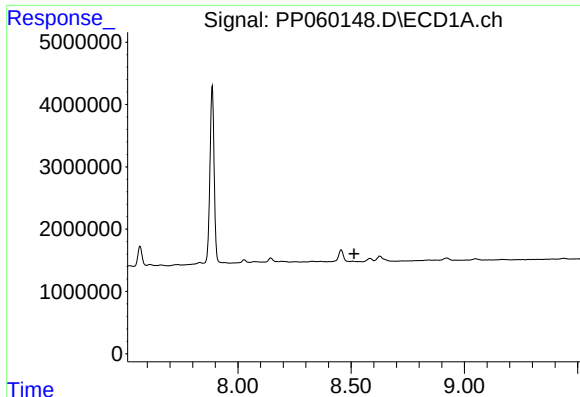
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.179 min
Response: 0
Conc: N.D.



#34 AR-1260-4

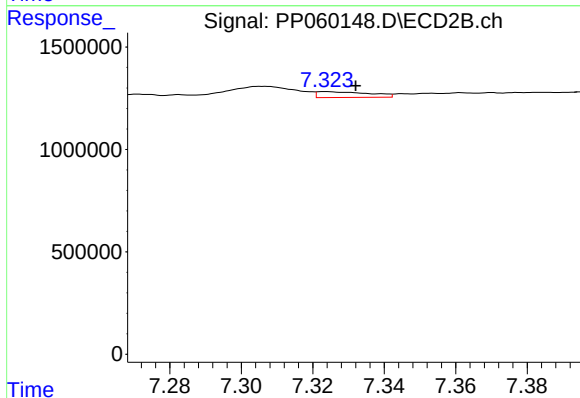
R.T.: 7.097 min
Delta R.T.: 0.008 min
Response: 31120
Conc: 0.37 ng/ml



#35 AR-1260-5

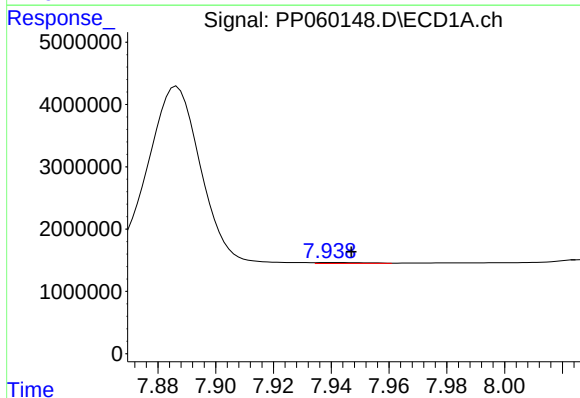
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



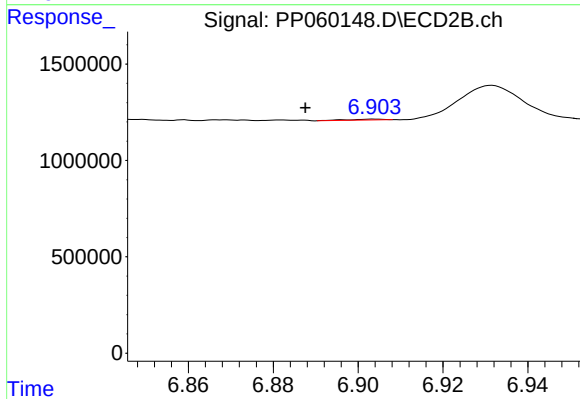
#35 AR-1260-5

R.T.: 7.324 min
Delta R.T.: -0.008 min
Response: 285504
Conc: 1.48 ng/ml



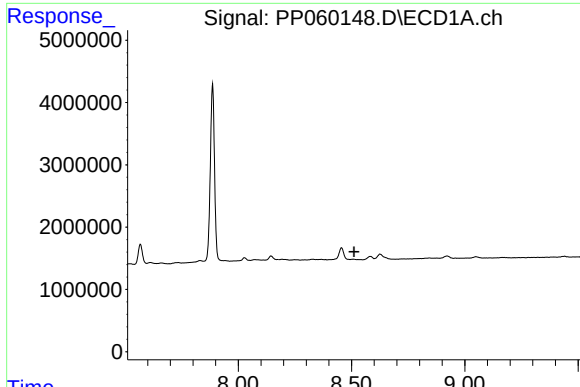
#36 AR-1262-1

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 169552
Conc: 1.47 ng/ml



#36 AR-1262-1

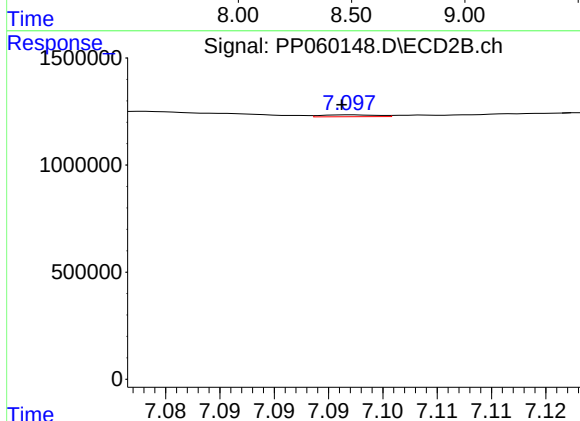
R.T.: 6.904 min
Delta R.T.: 0.016 min
Response: 28635
Conc: 0.57 ng/ml



#37 AR-1262-2

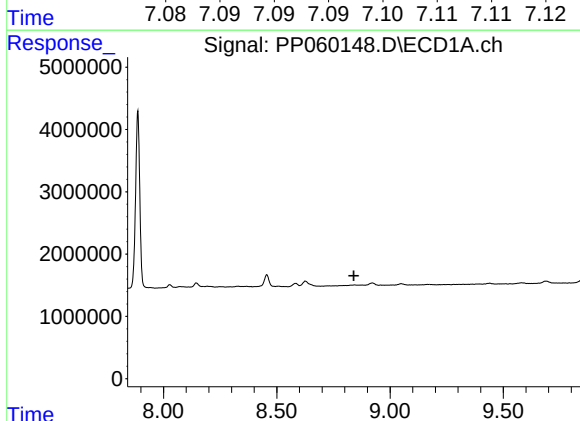
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



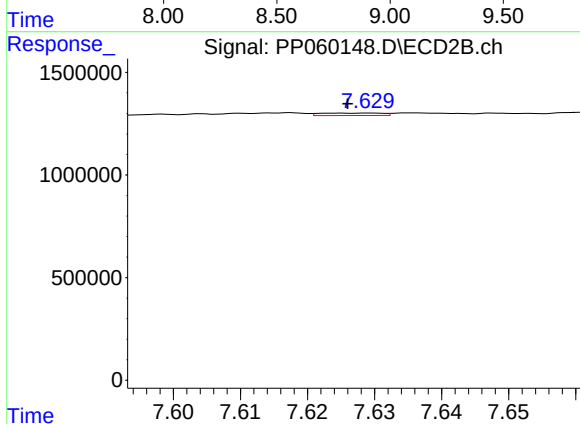
#37 AR-1262-2

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 31120
Conc: 0.28 ng/ml



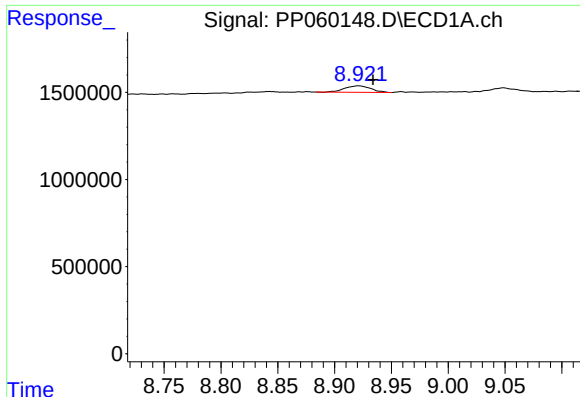
#38 AR-1262-3

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



#38 AR-1262-3

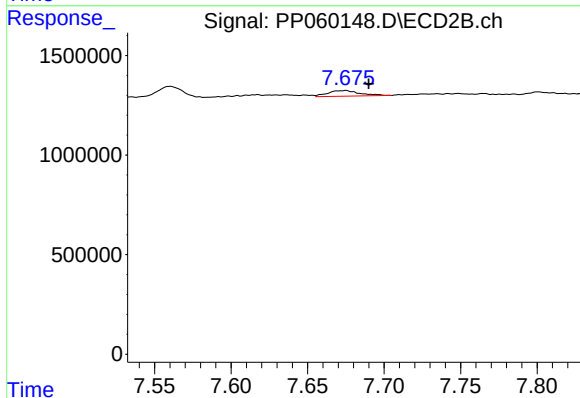
R.T.: 7.629 min
Delta R.T.: 0.003 min
Response: 77442
Conc: 0.88 ng/ml



#39 AR-1262-4

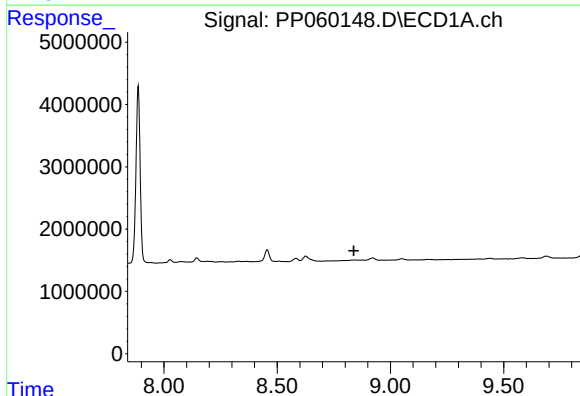
R.T.: 8.921 min
Delta R.T.: -0.012 min
Response: 596610
Conc: 5.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



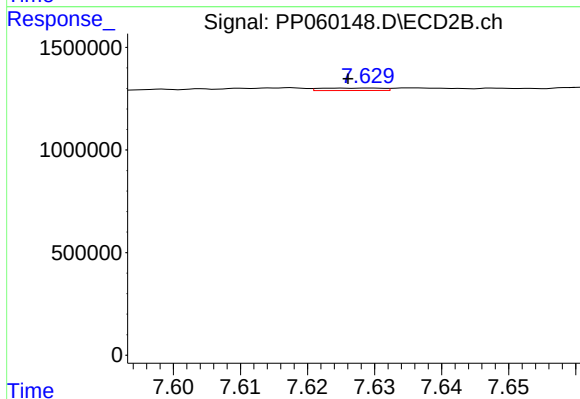
#39 AR-1262-4

R.T.: 7.675 min
Delta R.T.: -0.015 min
Response: 414229
Conc: 2.54 ng/ml



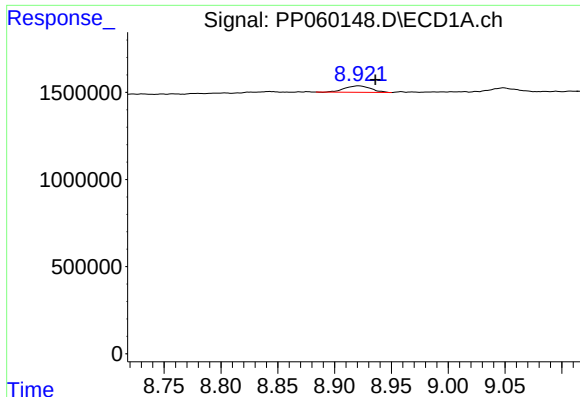
#41 AR-1268-1

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



#41 AR-1268-1

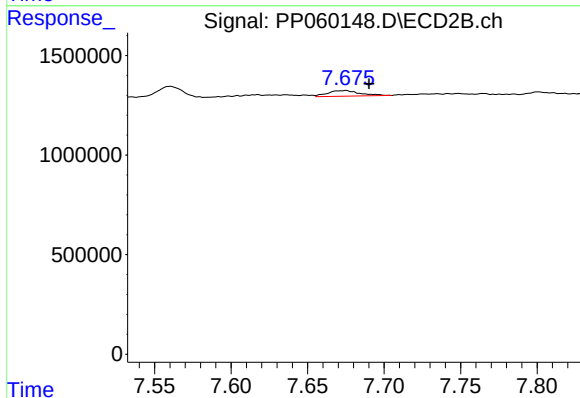
R.T.: 7.629 min
Delta R.T.: 0.003 min
Response: 77442
Conc: 0.30 ng/ml



#42 AR-1268-2

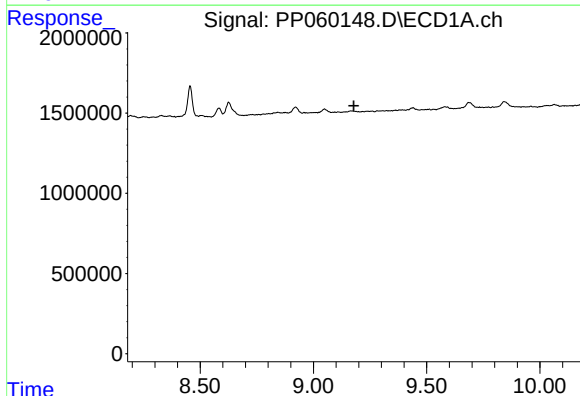
R.T.: 8.921 min
Delta R.T.: -0.014 min
Response: 596610
Conc: 2.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



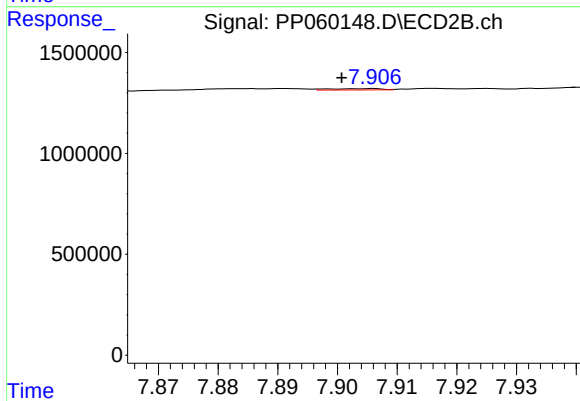
#42 AR-1268-2

R.T.: 7.675 min
Delta R.T.: -0.015 min
Response: 414229
Conc: 1.79 ng/ml



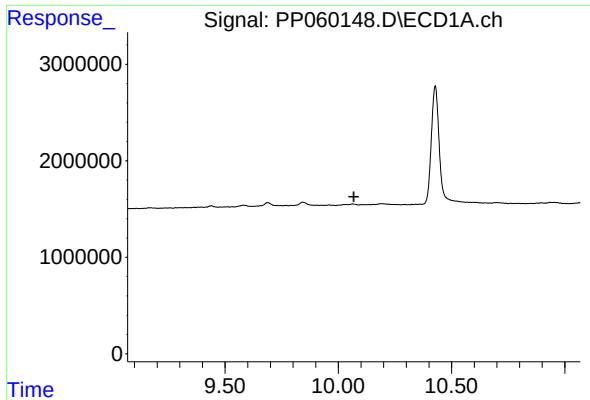
#43 AR-1268-3

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



#43 AR-1268-3

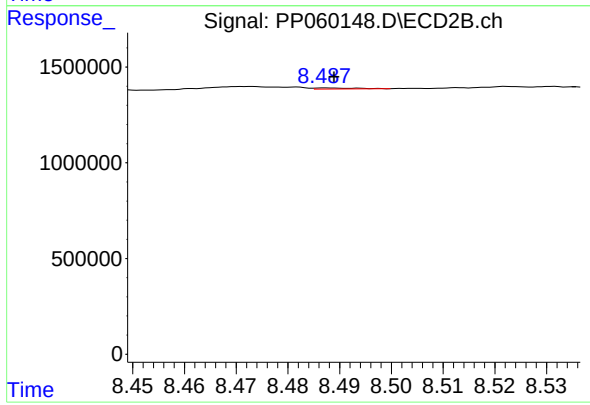
R.T.: 7.906 min
Delta R.T.: 0.005 min
Response: 38788
Conc: 0.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: -0.002 min
Response: 33174
Conc: 0.05 ng/ml