

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 17:17
 Operator : YP\AJ
 Sample : 04476-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 02:00:05 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	3.669	25088707	19212196	12.060	11.795
2)	SA Decachlor...	10.433	8.750	25885551	23374125	16.970	15.437
Target Compounds							
3)	L1 AR-1016-1	5.679f	4.789	462519	333305	6.855	5.544
4)	L1 AR-1016-2	5.750f	4.789	313750	333305	3.280	4.016
5)	L1 AR-1016-3	0.000	4.975	0	80903	N.D.	1.804 #
7)	L1 AR-1016-5	0.000	5.220	0	109876	N.D.	2.363 #
8)	L2 AR-1221-1	4.720	3.899	818310	251619	30.783	11.456 #
9)	L2 AR-1221-2	4.826f	3.969	1879381	728047	95.482	47.157 #
10)	L2 AR-1221-3	0.000	4.055	0	69188	N.D.	1.475 #
11)	L3 AR-1232-1	0.000	4.055	0	69188	N.D.	1.820 #
12)	L3 AR-1232-2	0.000	4.789	0	333305	N.D.	9.039 #
13)	L3 AR-1232-3	5.750f	4.969	313750	29771	7.262	1.487 #
14)	L3 AR-1232-4	0.000	5.054	0	23065	N.D.	1.263 #
15)	L3 AR-1232-5	0.000	5.220	0	109876	N.D.	5.480 #
16)	L4 AR-1242-1	5.679f	4.789f	462519	333305	7.744	6.329
17)	L4 AR-1242-2	5.750f	4.789	313750	333305	3.733	4.626
18)	L4 AR-1242-3	0.000	4.969	0	29771	N.D.	0.761 #
19)	L4 AR-1242-4	0.000	5.054	0	23065	N.D.	0.589 #
20)	L4 AR-1242-5	6.610f	5.582	358354	225235	7.838	4.656 #
21)	L5 AR-1248-1	5.679f	4.789f	462519	333305	10.348	8.530
23)	L5 AR-1248-3	0.000	5.054	0	23065	N.D.	0.405 #
24)	L5 AR-1248-4	6.610f	5.220	358354	109876	4.633	1.636 #
25)	L5 AR-1248-5	6.610f	5.633	358354	297740	4.763	4.514
26)	L6 AR-1254-1	6.564	5.582	503994	225235	6.313	2.244 #
27)	L6 AR-1254-2	6.801	5.729	439393	37818	3.669	0.435 #
28)	L6 AR-1254-3	0.000	6.139	0	165900	N.D.	1.182 #
29)	L6 AR-1254-4	7.453	6.369	430884	60342	4.845	0.717 #
30)	L6 AR-1254-5	7.871	6.794	375213	318689	3.857	2.687 #
31)	L7 AR-1260-1	7.326	6.279	275528	238922	3.057	2.566
32)	L7 AR-1260-2	7.583	6.462	461397	21622	4.498	0.197 #
33)	L7 AR-1260-3	0.000	6.619	0	30062	N.D.	0.292 #
34)	L7 AR-1260-4	0.000	7.101	0	62820	N.D.	0.754 #
35)	L7 AR-1260-5	0.000	7.342	0	54749	N.D.	0.285 #
36)	L8 AR-1262-1	0.000	6.886	0	20400	N.D.	0.404 #
37)	L8 AR-1262-2	0.000	7.092	0	205833	N.D.	1.822 #
38)	L8 AR-1262-3	8.850	7.627	36070998	104504	250.491	1.192 #
39)	L8 AR-1262-4	8.920	7.692	1476121	76059	12.999	0.466 #
40)	L8 AR-1262-5	0.000	8.180	0	52069	N.D.	0.698 #
41)	L9 AR-1268-1	8.850	7.627	36070998	104504	143.848	0.401 #
42)	L9 AR-1268-2	8.920f	7.692	1476121	76059	6.432	0.329 #
43)	L9 AR-1268-3	0.000	7.891	0	76884	N.D.	0.377 #

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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
44) L9	AR-1268-4	0.000	8.180	0	52069	N.D.	0.645 #
45) L9	AR-1268-5	0.000	8.490	0	47305	N.D.	0.075 #

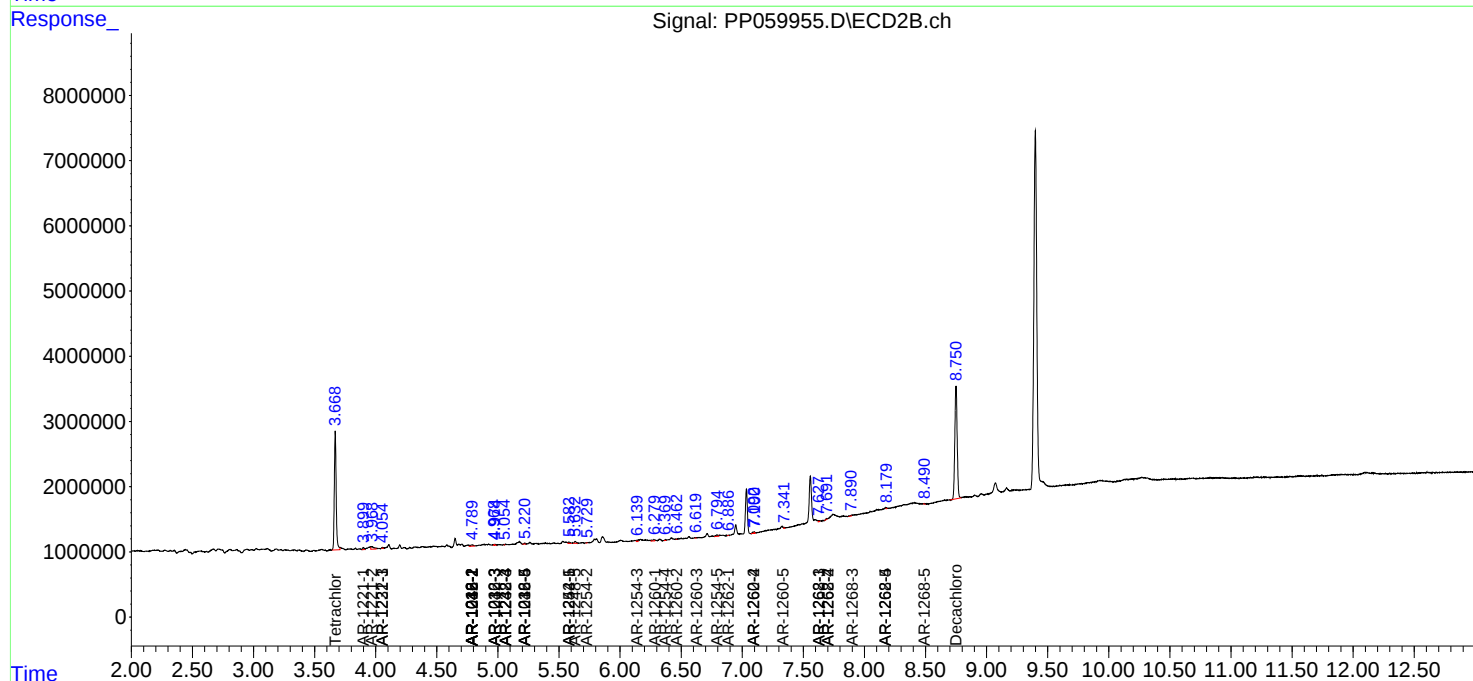
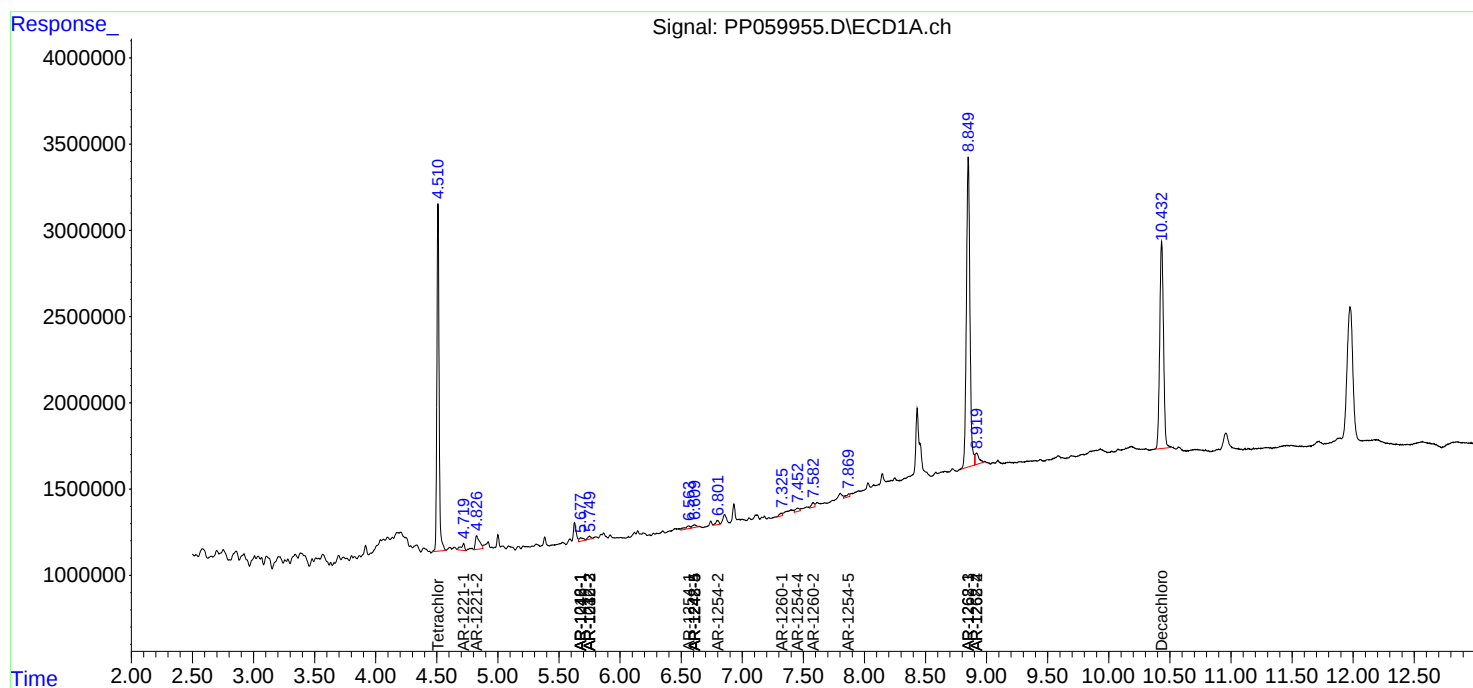
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

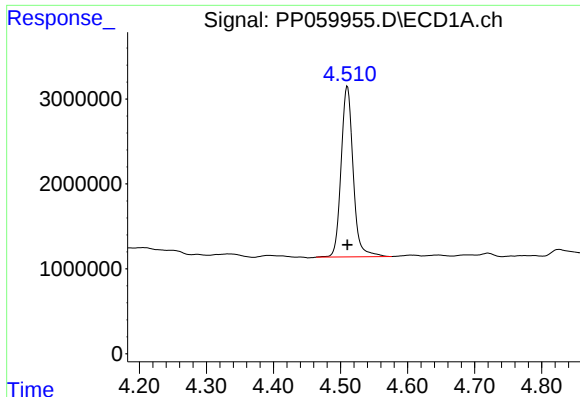
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

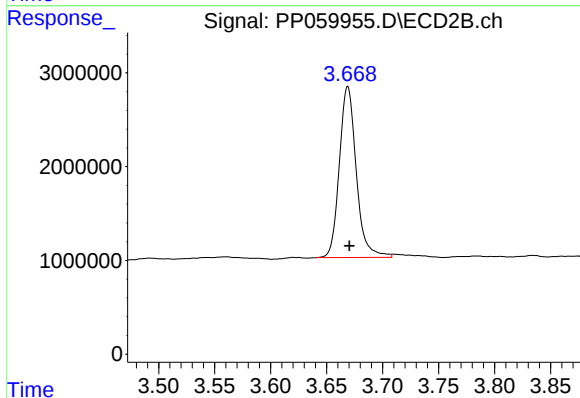




#1 Tetrachloro-m-xylene

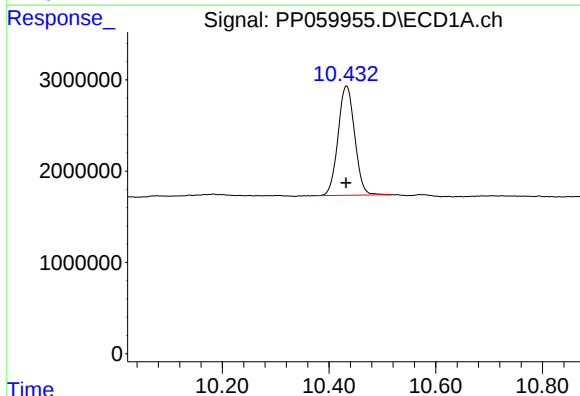
R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 25088707
Conc: 12.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



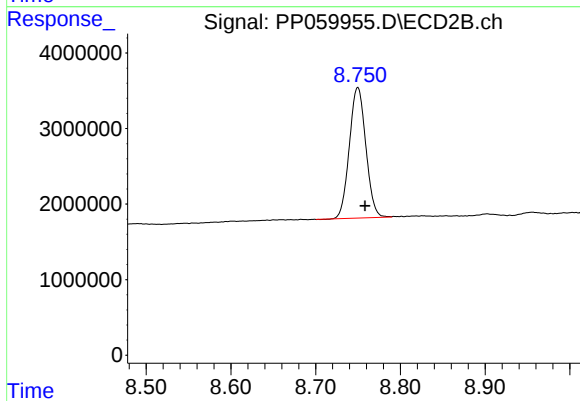
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: -0.001 min
Response: 19212196
Conc: 11.79 ng/ml



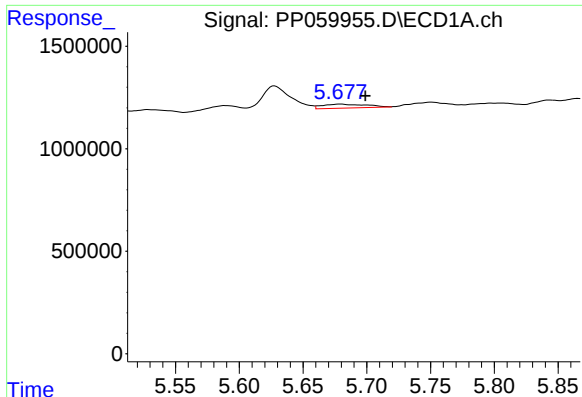
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 25885551
Conc: 16.97 ng/ml



#2 Decachlorobiphenyl

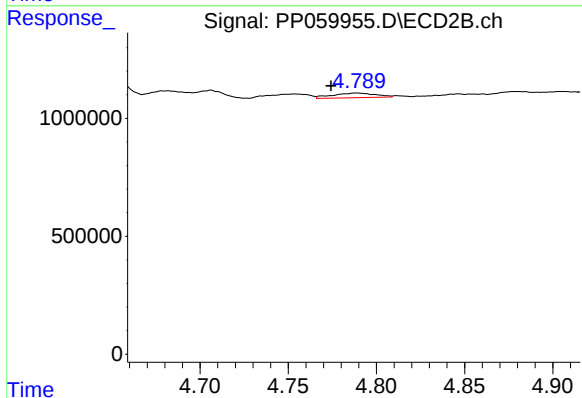
R.T.: 8.750 min
Delta R.T.: -0.008 min
Response: 23374125
Conc: 15.44 ng/ml



#3 AR-1016-1

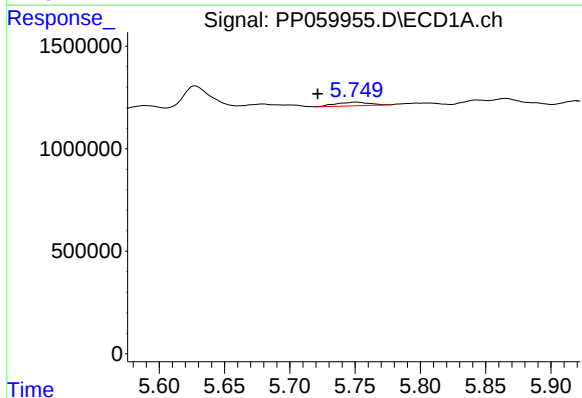
R.T.: 5.679 min
Delta R.T.: -0.020 min
Response: 462519
Conc: 6.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



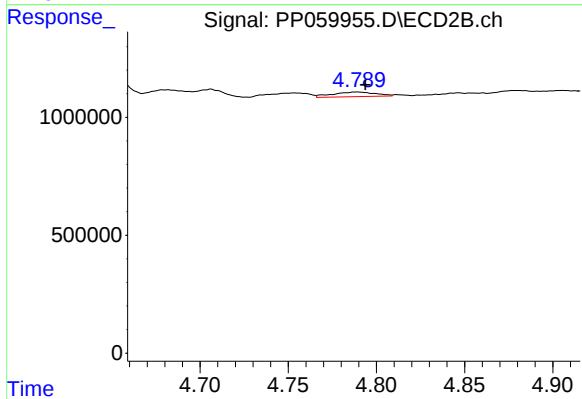
#3 AR-1016-1

R.T.: 4.789 min
Delta R.T.: 0.015 min
Response: 333305
Conc: 5.54 ng/ml



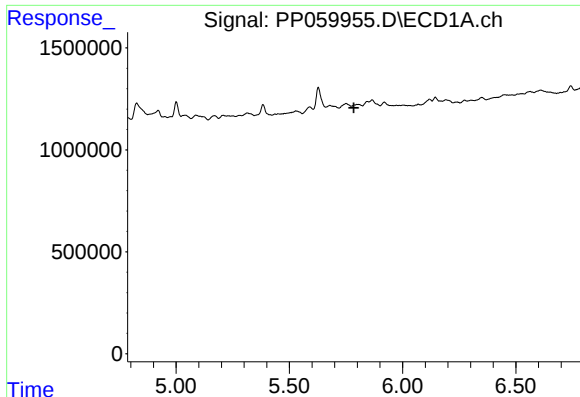
#4 AR-1016-2

R.T.: 5.750 min
Delta R.T.: 0.029 min
Response: 313750
Conc: 3.28 ng/ml



#4 AR-1016-2

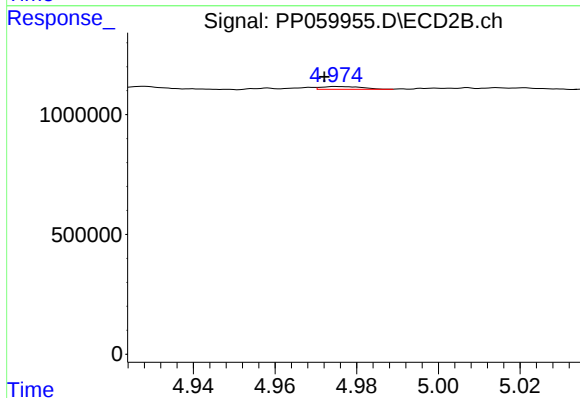
R.T.: 4.789 min
Delta R.T.: -0.005 min
Response: 333305
Conc: 4.02 ng/ml



#5 AR-1016-3

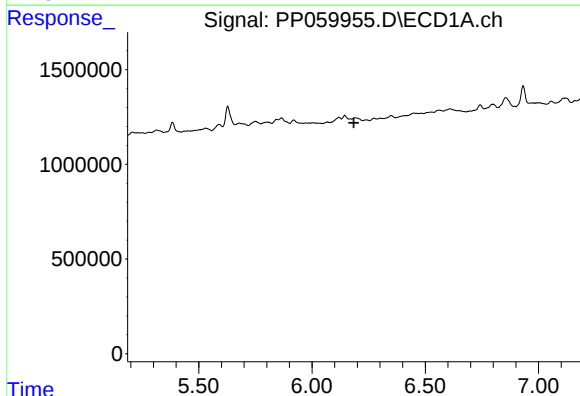
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



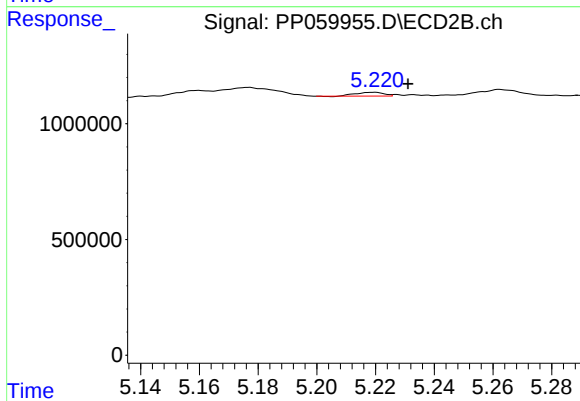
#5 AR-1016-3

R.T.: 4.975 min
Delta R.T.: 0.003 min
Response: 80903
Conc: 1.80 ng/ml



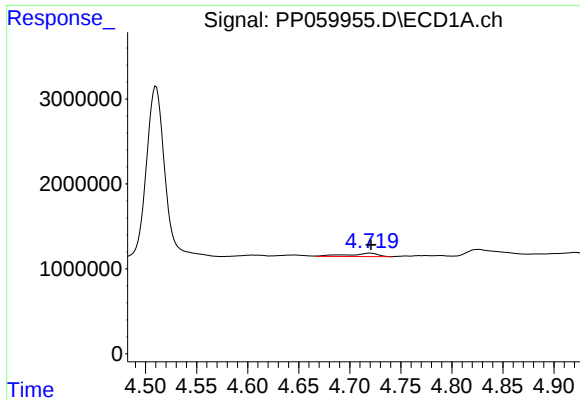
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.



#7 AR-1016-5

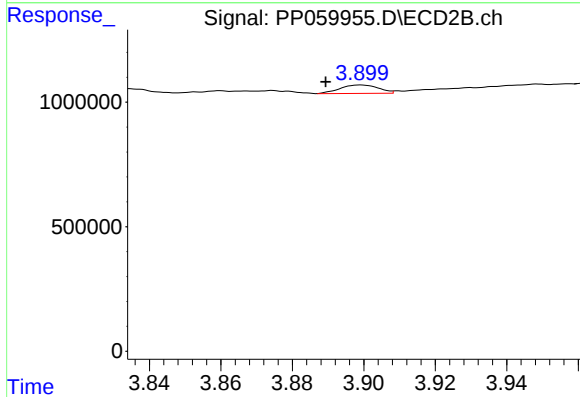
R.T.: 5.220 min
Delta R.T.: -0.011 min
Response: 109876
Conc: 2.36 ng/ml



#8 AR-1221-1

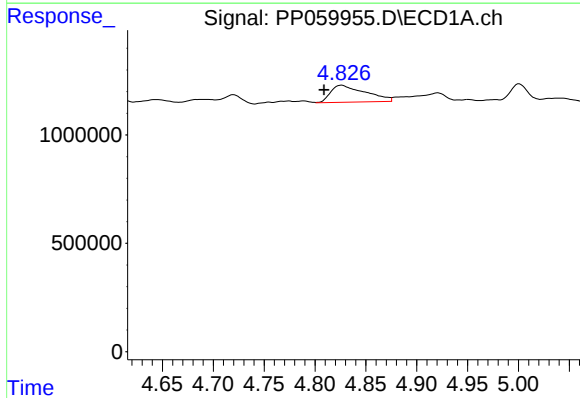
R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 818310
Conc: 30.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



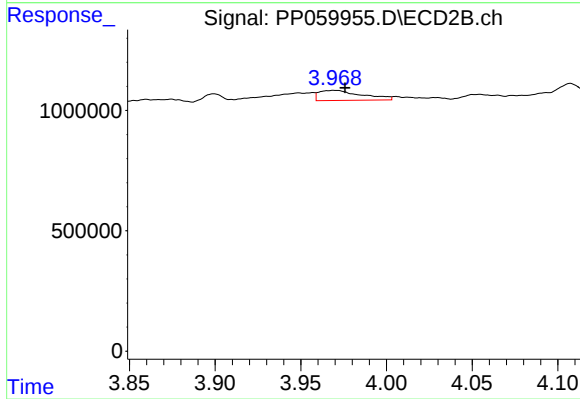
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: 0.010 min
Response: 251619
Conc: 11.46 ng/ml



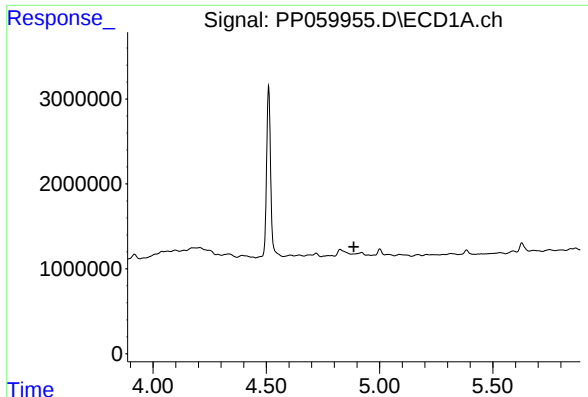
#9 AR-1221-2

R.T.: 4.826 min
Delta R.T.: 0.018 min
Response: 1879381
Conc: 95.48 ng/ml



#9 AR-1221-2

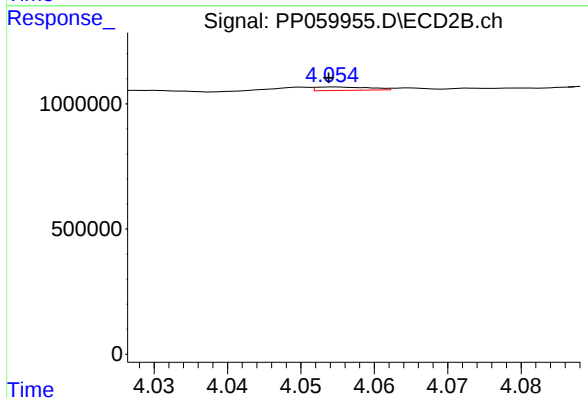
R.T.: 3.969 min
Delta R.T.: -0.007 min
Response: 728047
Conc: 47.16 ng/ml



#10 AR-1221-3

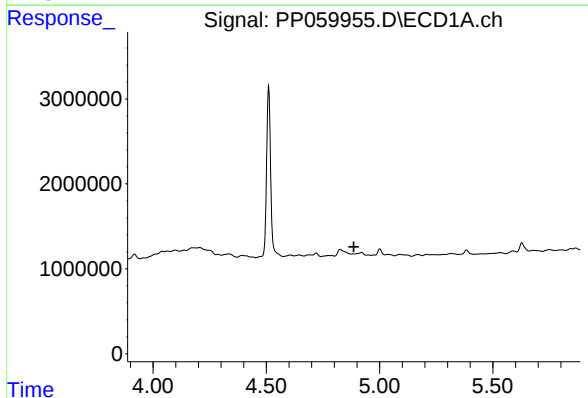
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



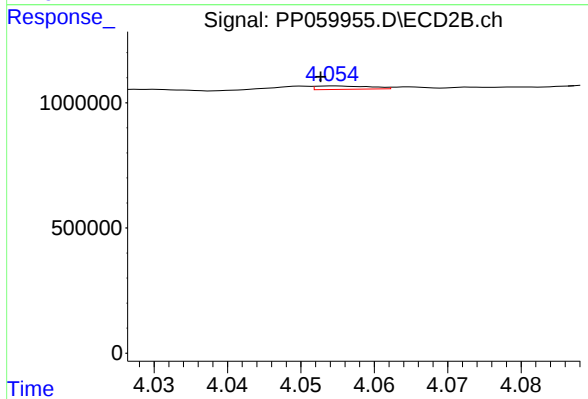
#10 AR-1221-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 69188
Conc: 1.48 ng/ml



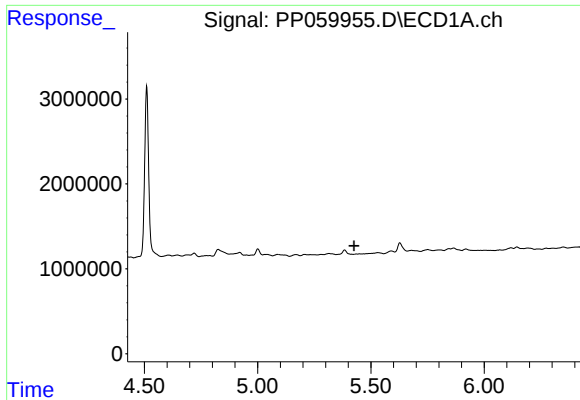
#11 AR-1232-1

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



#11 AR-1232-1

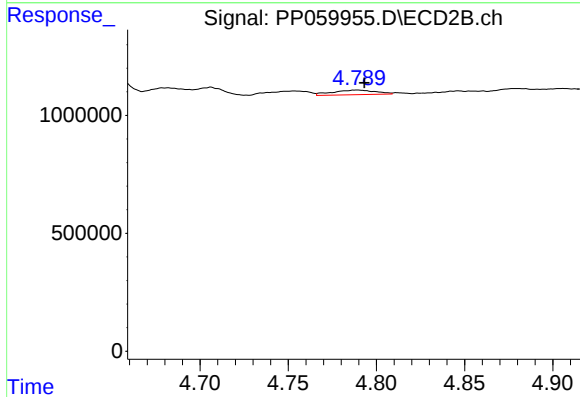
R.T.: 4.055 min
Delta R.T.: 0.002 min
Response: 69188
Conc: 1.82 ng/ml



#12 AR-1232-2

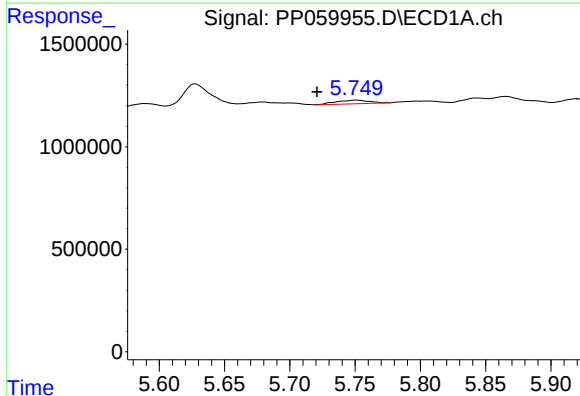
R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



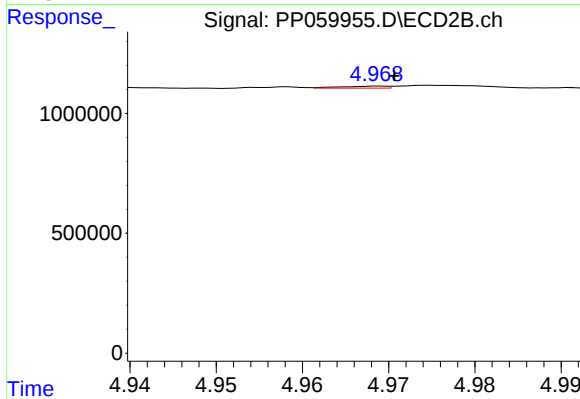
#12 AR-1232-2

R.T.: 4.789 min
Delta R.T.: -0.004 min
Response: 333305
Conc: 9.04 ng/ml



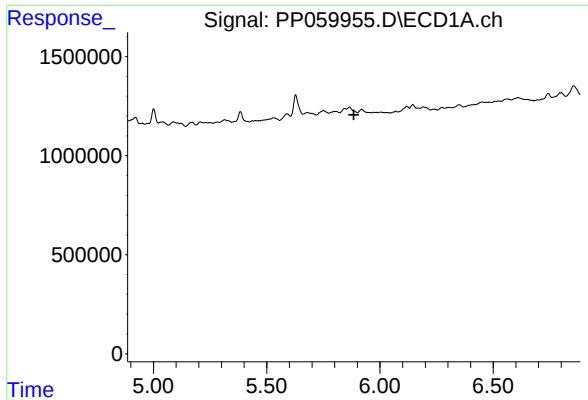
#13 AR-1232-3

R.T.: 5.750 min
Delta R.T.: 0.029 min
Response: 313750
Conc: 7.26 ng/ml



#13 AR-1232-3

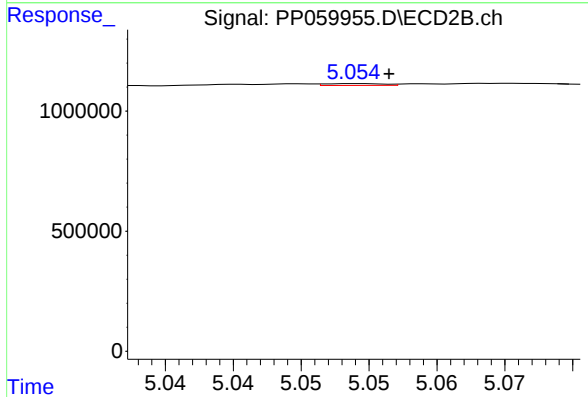
R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 29771
Conc: 1.49 ng/ml



#14 AR-1232-4

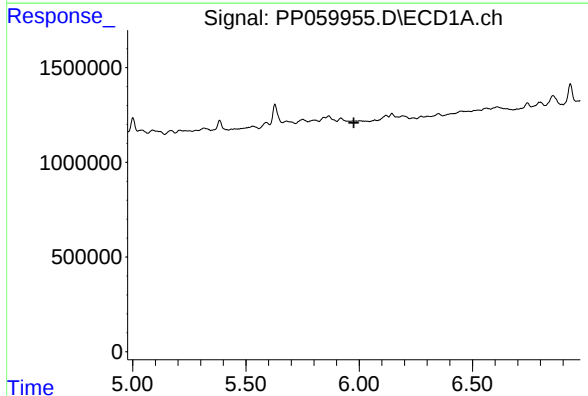
R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



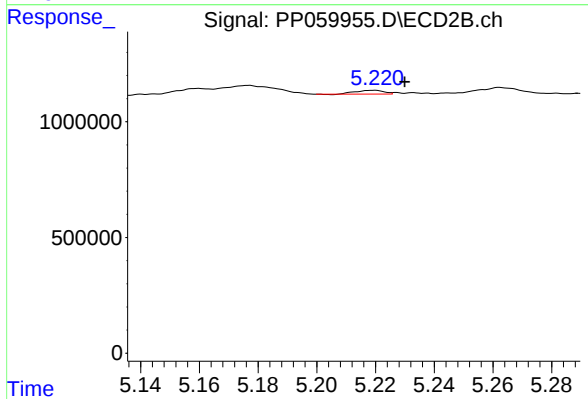
#14 AR-1232-4

R.T.: 5.054 min
Delta R.T.: -0.002 min
Response: 23065
Conc: 1.26 ng/ml



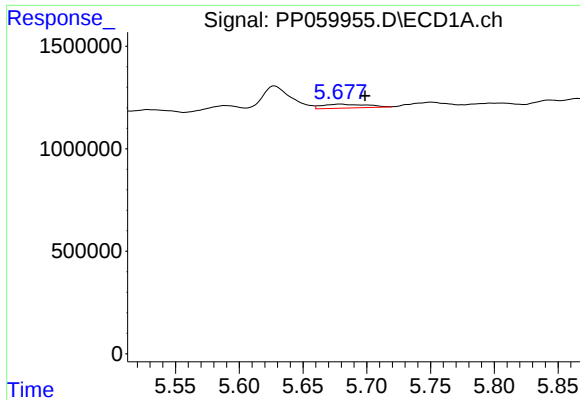
#15 AR-1232-5

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



#15 AR-1232-5

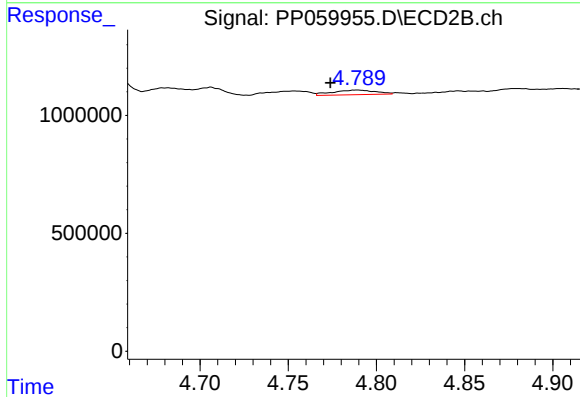
R.T.: 5.220 min
Delta R.T.: -0.010 min
Response: 109876
Conc: 5.48 ng/ml



#16 AR-1242-1

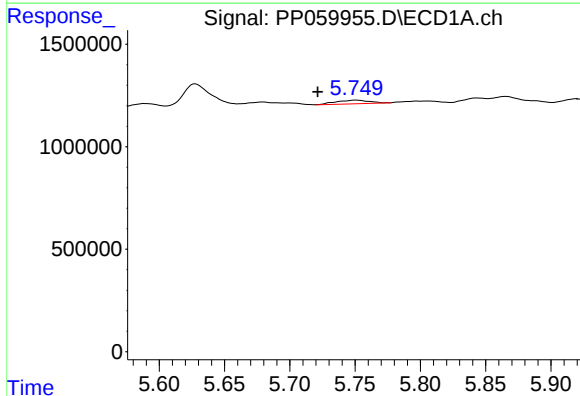
R.T.: 5.679 min
Delta R.T.: -0.019 min
Response: 462519
Conc: 7.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



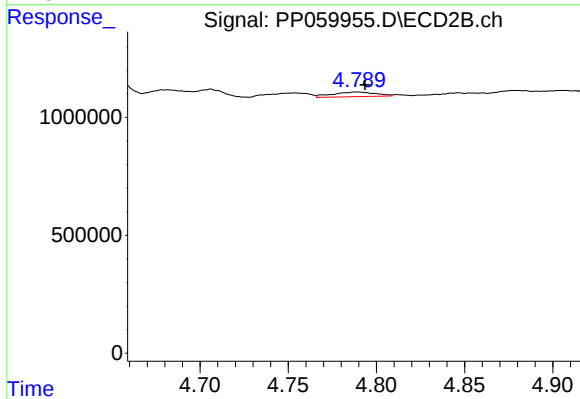
#16 AR-1242-1

R.T.: 4.789 min
Delta R.T.: 0.015 min
Response: 333305
Conc: 6.33 ng/ml



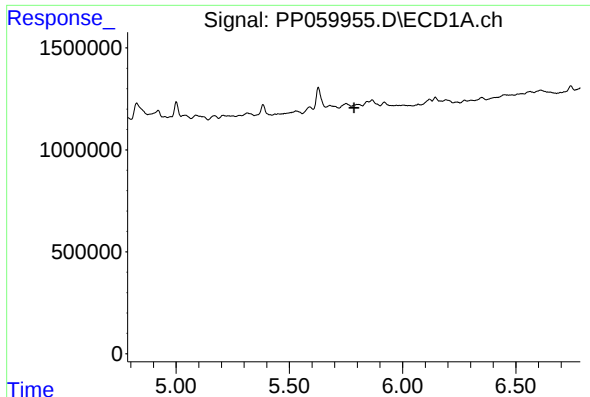
#17 AR-1242-2

R.T.: 5.750 min
Delta R.T.: 0.029 min
Response: 313750
Conc: 3.73 ng/ml



#17 AR-1242-2

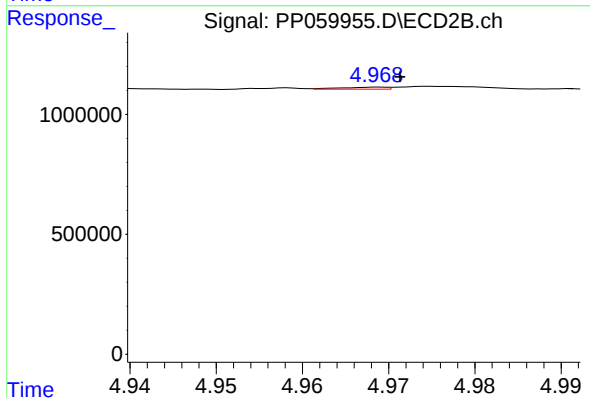
R.T.: 4.789 min
Delta R.T.: -0.004 min
Response: 333305
Conc: 4.63 ng/ml



#18 AR-1242-3

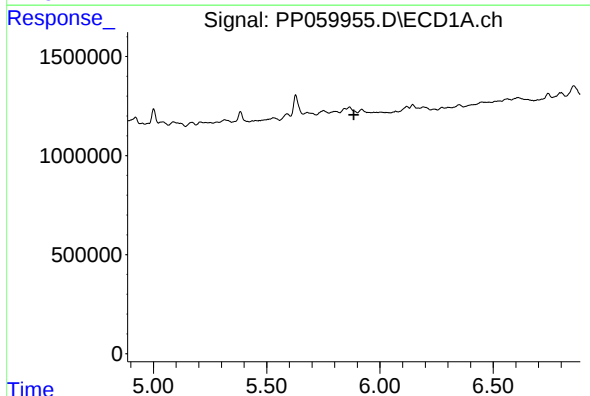
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



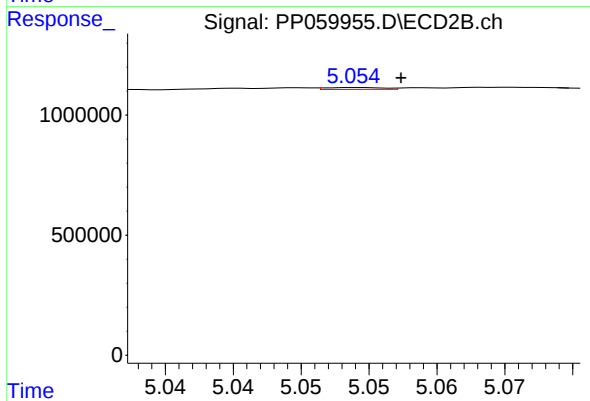
#18 AR-1242-3

R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 29771
Conc: 0.76 ng/ml



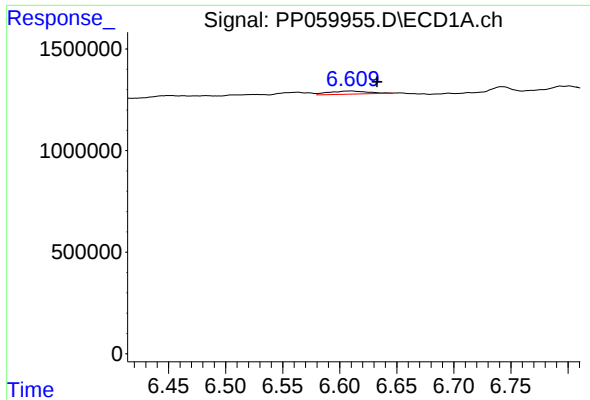
#19 AR-1242-4

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



#19 AR-1242-4

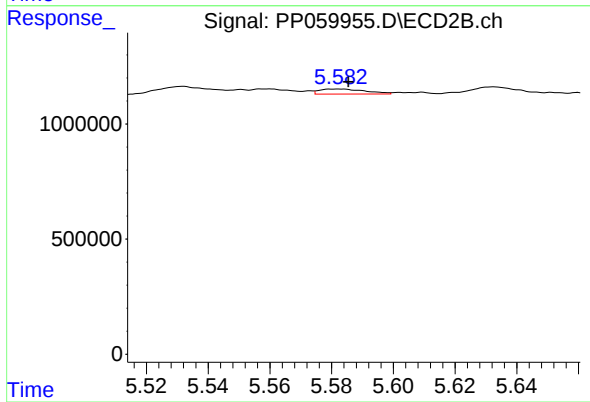
R.T.: 5.054 min
Delta R.T.: -0.003 min
Response: 23065
Conc: 0.59 ng/ml



#20 AR-1242-5

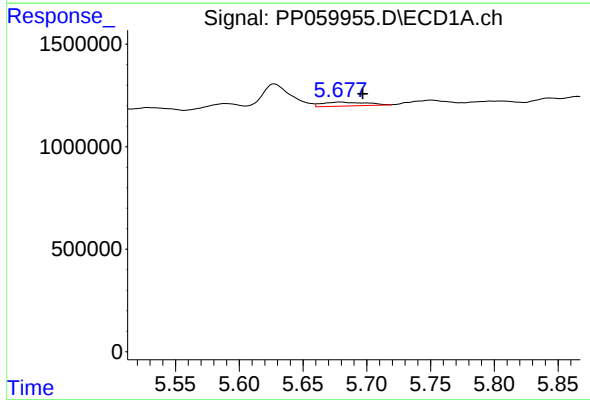
R.T.: 6.610 min
Delta R.T.: -0.022 min
Response: 358354
Conc: 7.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



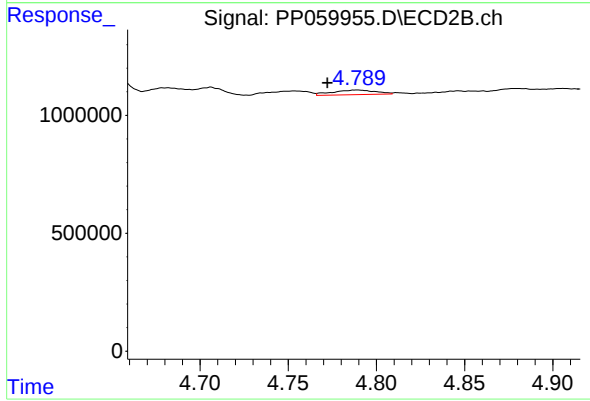
#20 AR-1242-5

R.T.: 5.582 min
Delta R.T.: -0.003 min
Response: 225235
Conc: 4.66 ng/ml



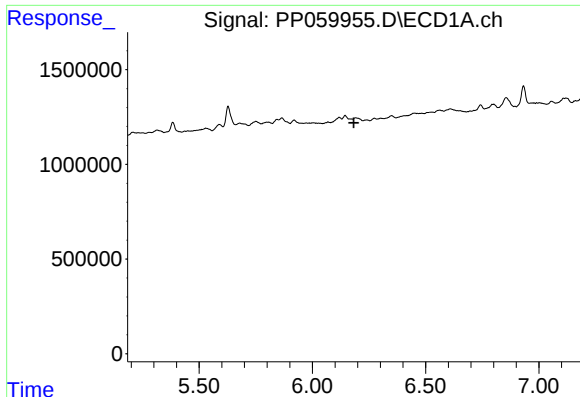
#21 AR-1248-1

R.T.: 5.679 min
Delta R.T.: -0.018 min
Response: 462519
Conc: 10.35 ng/ml



#21 AR-1248-1

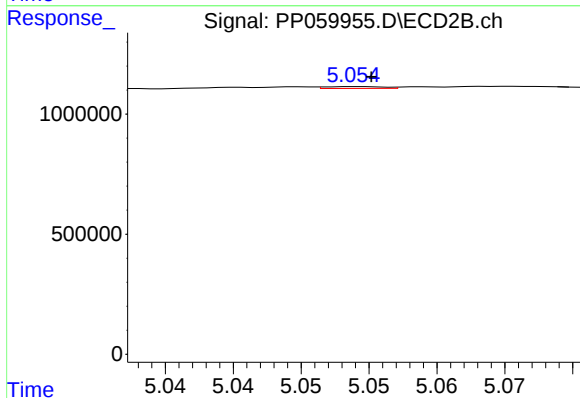
R.T.: 4.789 min
Delta R.T.: 0.017 min
Response: 333305
Conc: 8.53 ng/ml



#23 AR-1248-3

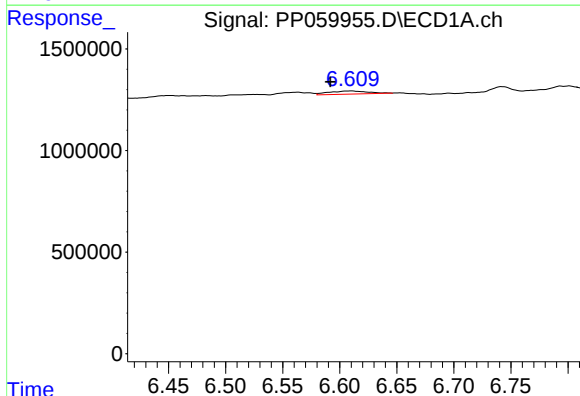
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



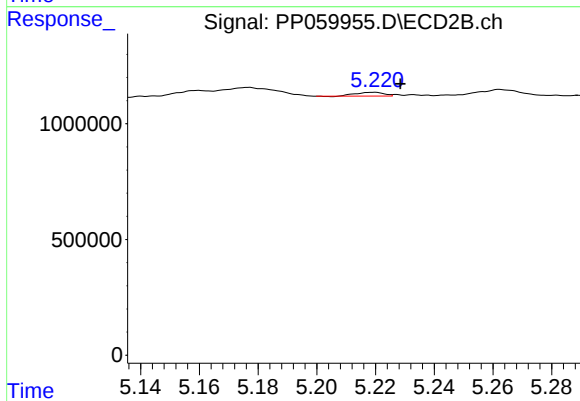
#23 AR-1248-3

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 23065
Conc: 0.41 ng/ml



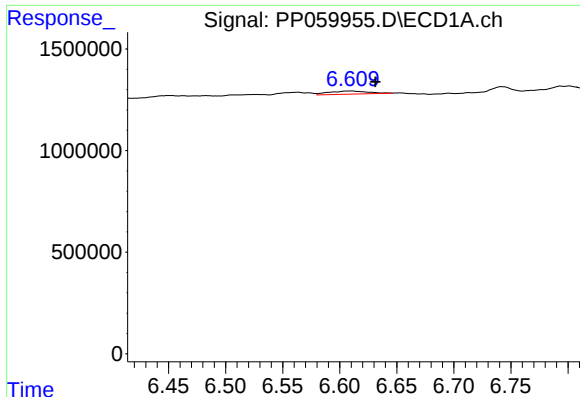
#24 AR-1248-4

R.T.: 6.610 min
Delta R.T.: 0.018 min
Response: 358354
Conc: 4.63 ng/ml



#24 AR-1248-4

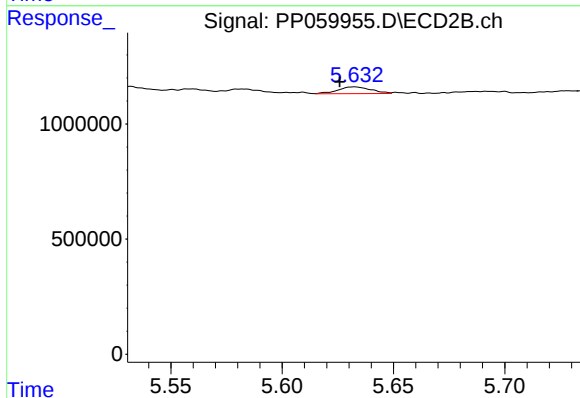
R.T.: 5.220 min
Delta R.T.: -0.008 min
Response: 109876
Conc: 1.64 ng/ml



#25 AR-1248-5

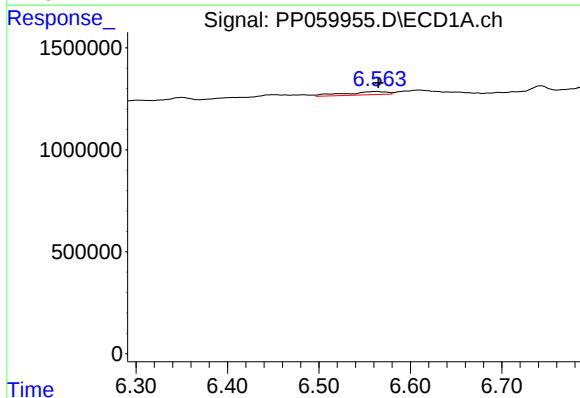
R.T.: 6.610 min
Delta R.T.: -0.021 min
Response: 358354
Conc: 4.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



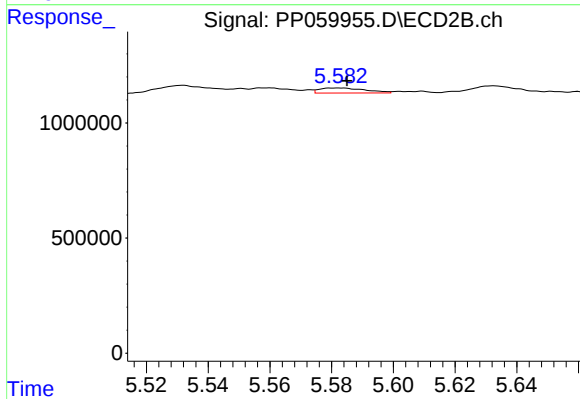
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: 0.007 min
Response: 297740
Conc: 4.51 ng/ml



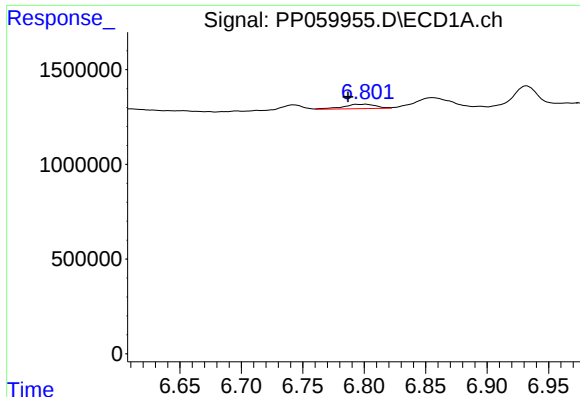
#26 AR-1254-1

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 503994
Conc: 6.31 ng/ml



#26 AR-1254-1

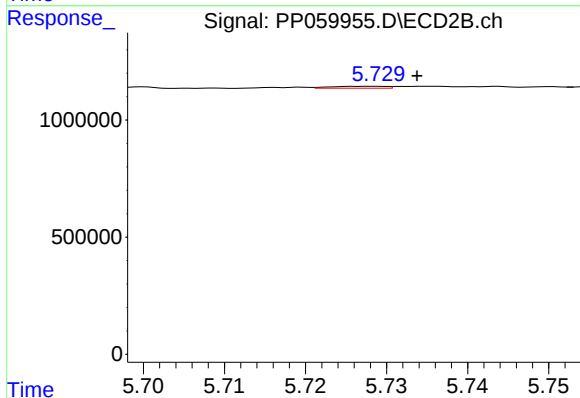
R.T.: 5.582 min
Delta R.T.: -0.003 min
Response: 225235
Conc: 2.24 ng/ml



#27 AR-1254-2

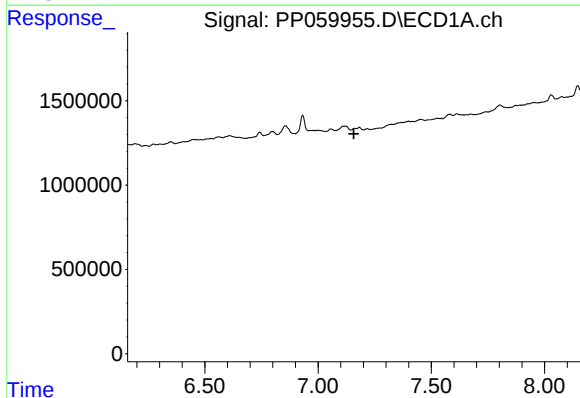
R.T.: 6.801 min
Delta R.T.: 0.014 min
Response: 439393
Conc: 3.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



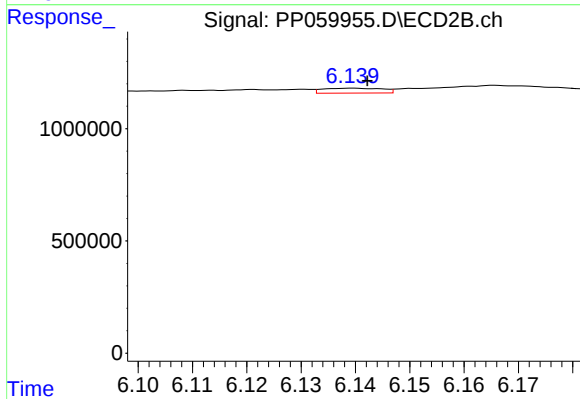
#27 AR-1254-2

R.T.: 5.729 min
Delta R.T.: -0.005 min
Response: 37818
Conc: 0.44 ng/ml



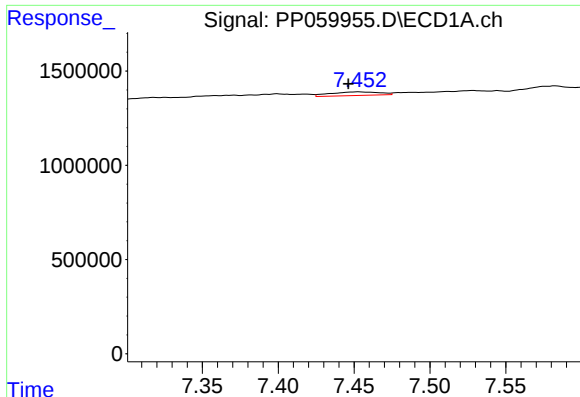
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.158 min
Response: 0
Conc: N.D.



#28 AR-1254-3

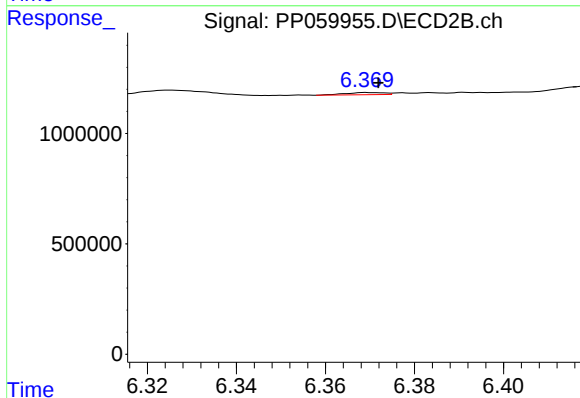
R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 165900
Conc: 1.18 ng/ml



#29 AR-1254-4

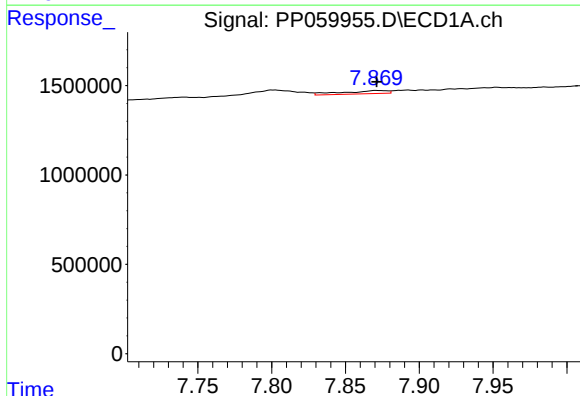
R.T.: 7.453 min
Delta R.T.: 0.006 min
Response: 430884
Conc: 4.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



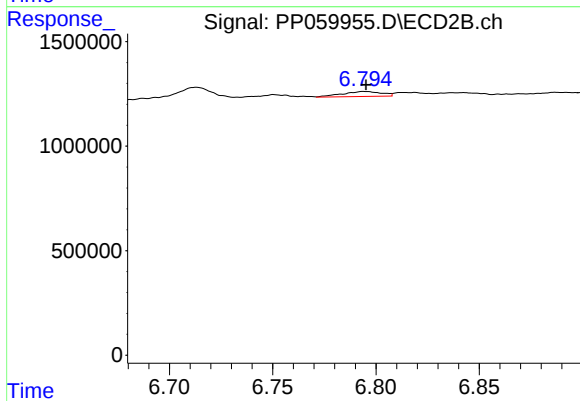
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 60342
Conc: 0.72 ng/ml



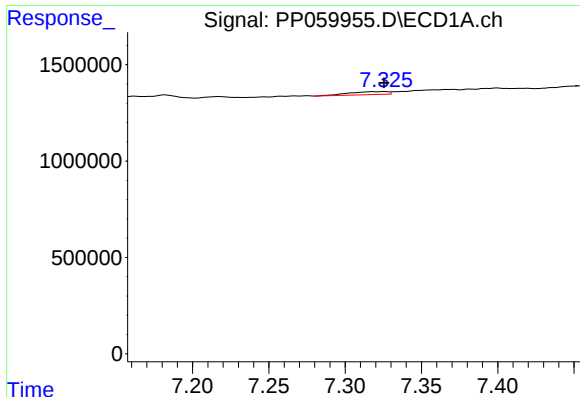
#30 AR-1254-5

R.T.: 7.871 min
Delta R.T.: 0.000 min
Response: 375213
Conc: 3.86 ng/ml



#30 AR-1254-5

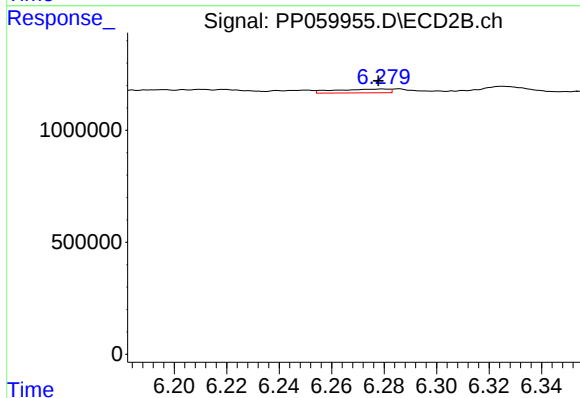
R.T.: 6.794 min
Delta R.T.: -0.001 min
Response: 318689
Conc: 2.69 ng/ml



#31 AR-1260-1

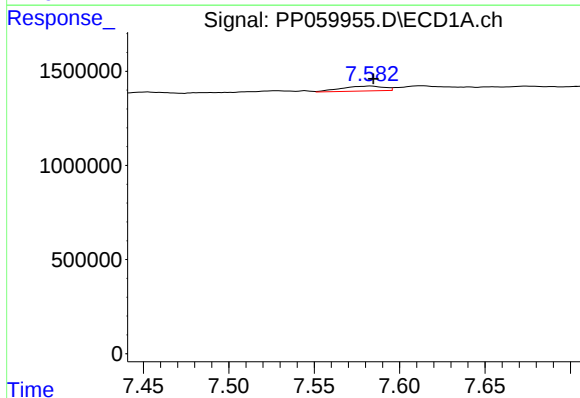
R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 275528
Conc: 3.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



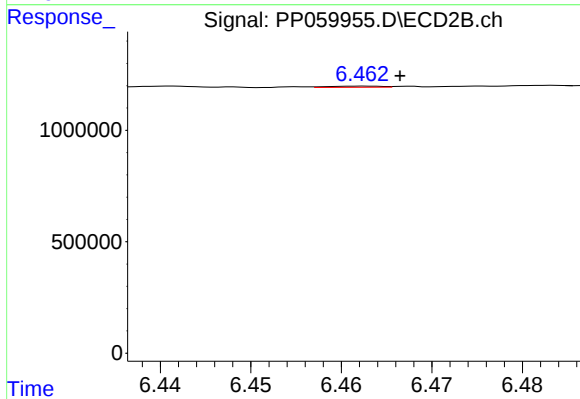
#31 AR-1260-1

R.T.: 6.279 min
Delta R.T.: 0.001 min
Response: 238922
Conc: 2.57 ng/ml



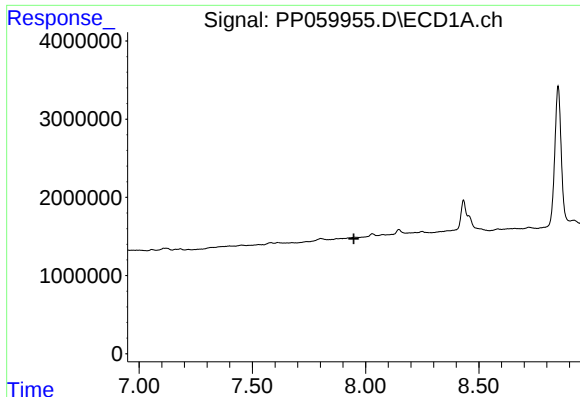
#32 AR-1260-2

R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 461397
Conc: 4.50 ng/ml



#32 AR-1260-2

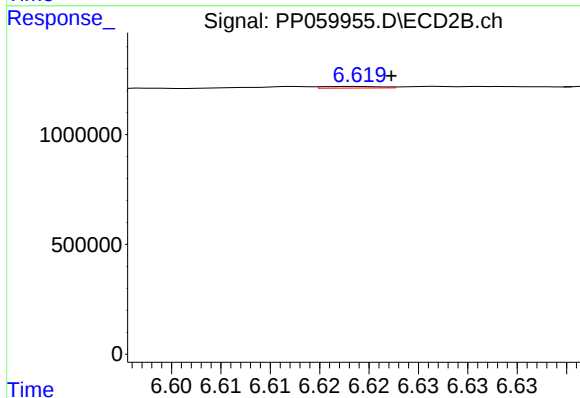
R.T.: 6.462 min
Delta R.T.: -0.004 min
Response: 21622
Conc: 0.20 ng/ml



#33 AR-1260-3

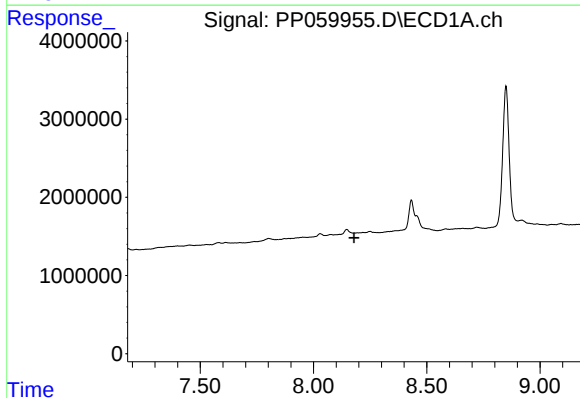
R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



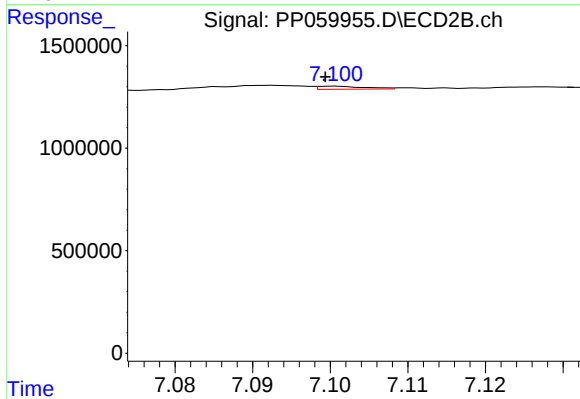
#33 AR-1260-3

R.T.: 6.619 min
Delta R.T.: -0.003 min
Response: 30062
Conc: 0.29 ng/ml



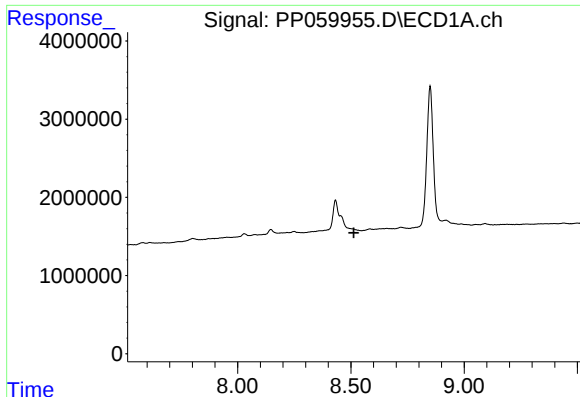
#34 AR-1260-4

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



#34 AR-1260-4

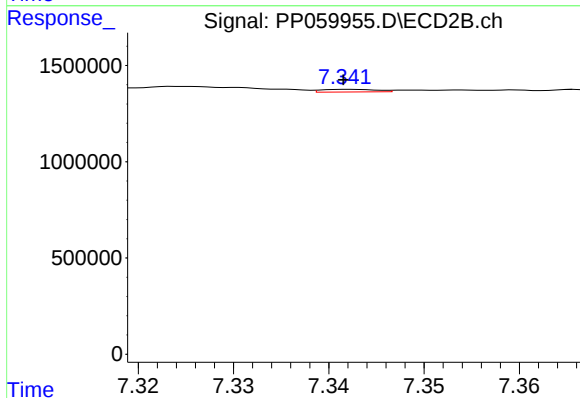
R.T.: 7.101 min
Delta R.T.: 0.001 min
Response: 62820
Conc: 0.75 ng/ml



#35 AR-1260-5

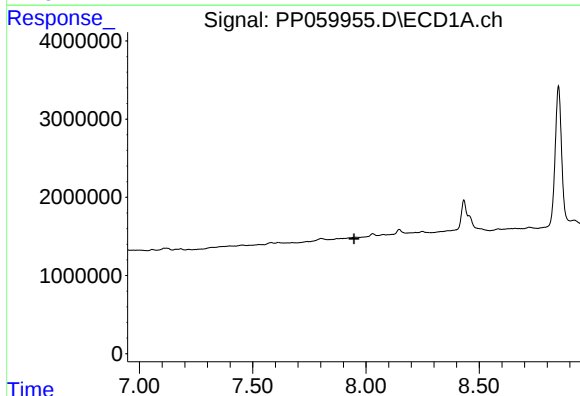
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



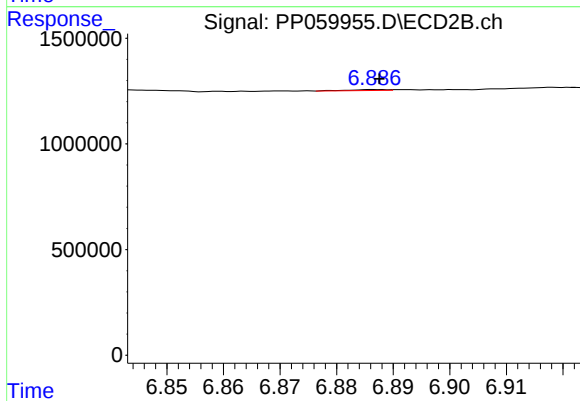
#35 AR-1260-5

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 54749
Conc: 0.28 ng/ml



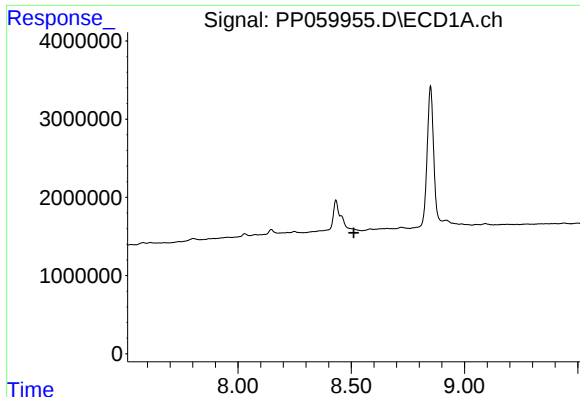
#36 AR-1262-1

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



#36 AR-1262-1

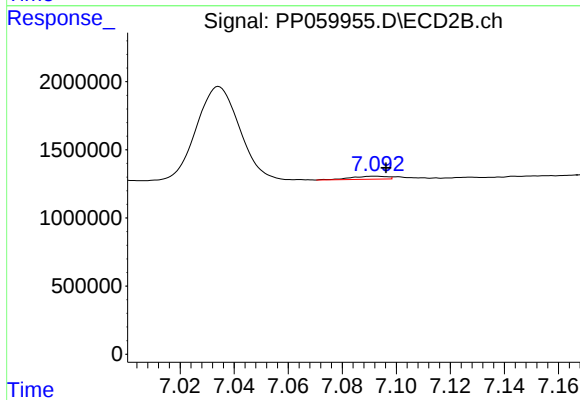
R.T.: 6.886 min
Delta R.T.: -0.001 min
Response: 20400
Conc: 0.40 ng/ml



#37 AR-1262-2

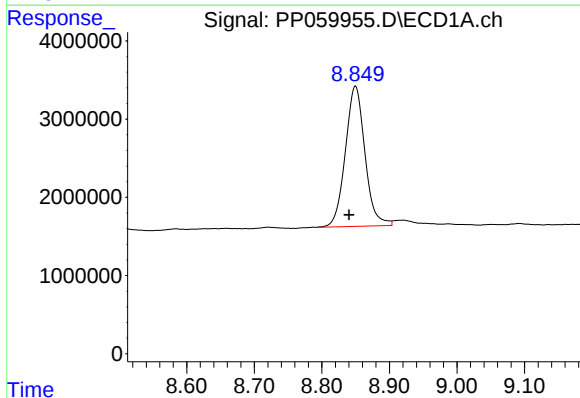
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



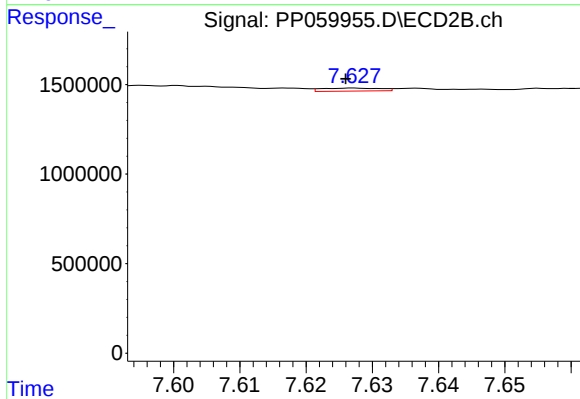
#37 AR-1262-2

R.T.: 7.092 min
Delta R.T.: -0.004 min
Response: 205833
Conc: 1.82 ng/ml



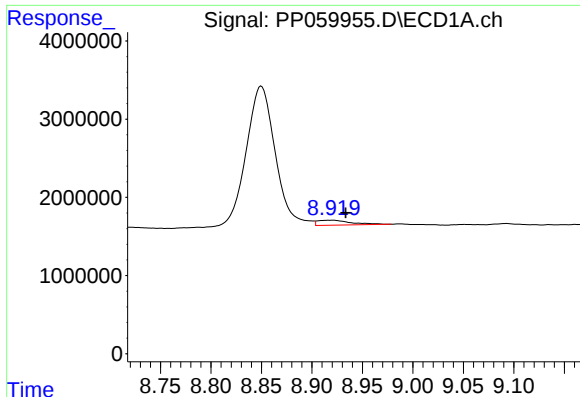
#38 AR-1262-3

R.T.: 8.850 min
Delta R.T.: 0.009 min
Response: 36070998
Conc: 250.49 ng/ml



#38 AR-1262-3

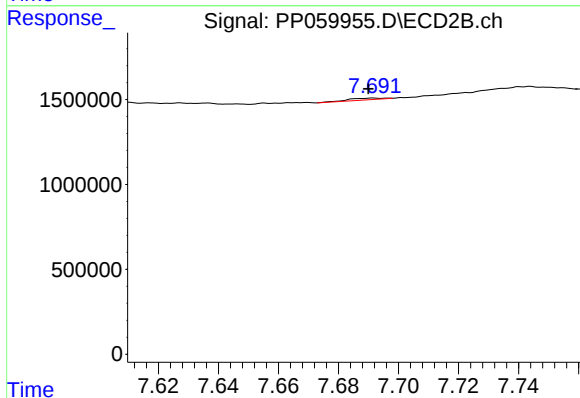
R.T.: 7.627 min
Delta R.T.: 0.001 min
Response: 104504
Conc: 1.19 ng/ml



#39 AR-1262-4

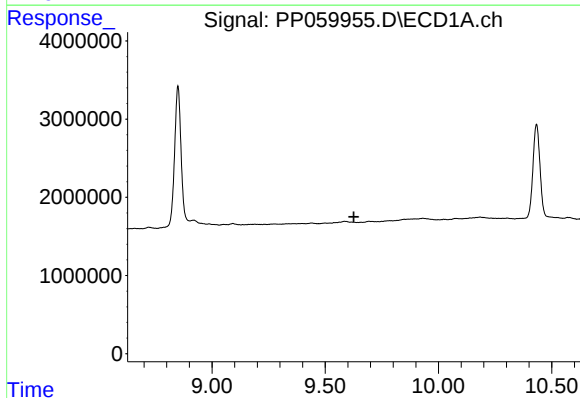
R.T.: 8.920 min
Delta R.T.: -0.014 min
Response: 1476121
Conc: 13.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



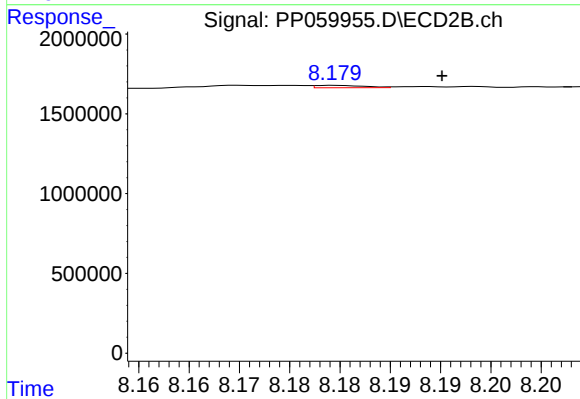
#39 AR-1262-4

R.T.: 7.692 min
Delta R.T.: 0.002 min
Response: 76059
Conc: 0.47 ng/ml



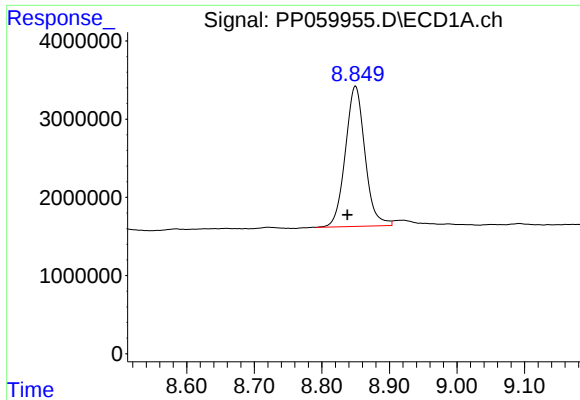
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.626 min
Response: 0
Conc: N.D.



#40 AR-1262-5

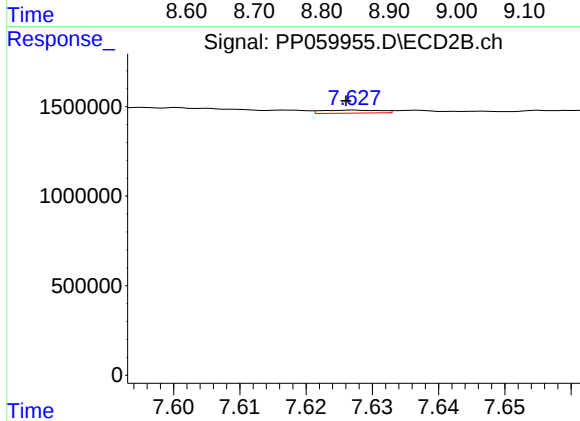
R.T.: 8.180 min
Delta R.T.: -0.011 min
Response: 52069
Conc: 0.70 ng/ml



#41 AR-1268-1

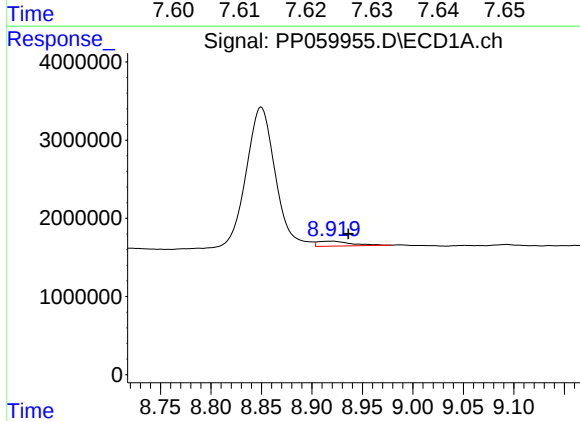
R.T.: 8.850 min
Delta R.T.: 0.012 min
Response: 36070998
Conc: 143.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



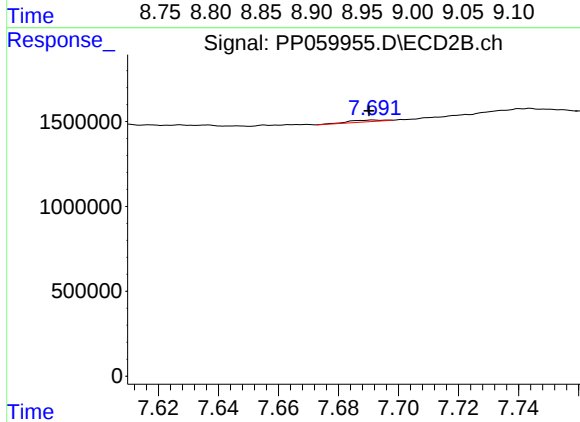
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.001 min
Response: 104504
Conc: 0.40 ng/ml



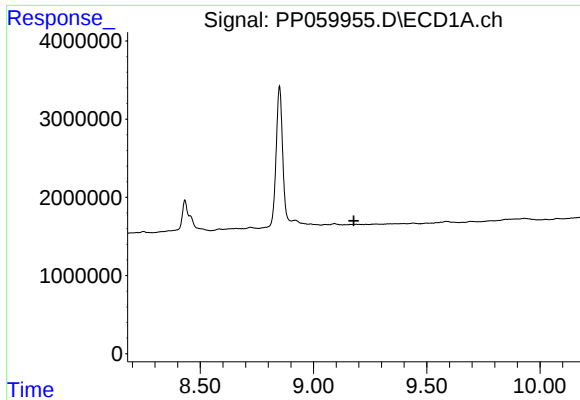
#42 AR-1268-2

R.T.: 8.920 min
Delta R.T.: -0.016 min
Response: 1476121
Conc: 6.43 ng/ml



#42 AR-1268-2

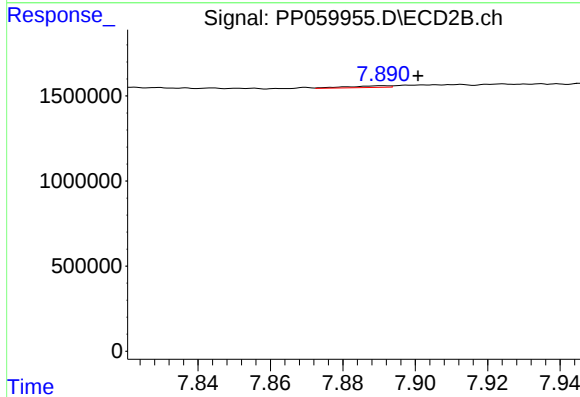
R.T.: 7.692 min
Delta R.T.: 0.001 min
Response: 76059
Conc: 0.33 ng/ml



#43 AR-1268-3

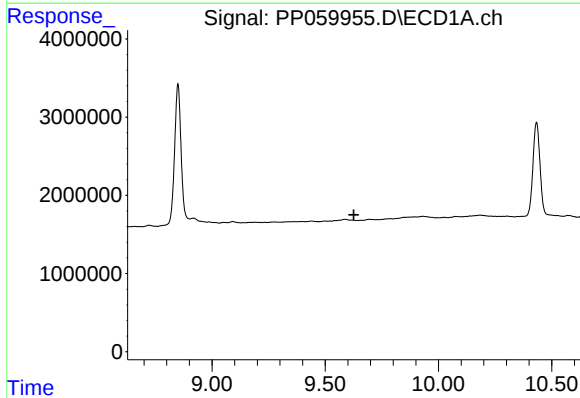
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



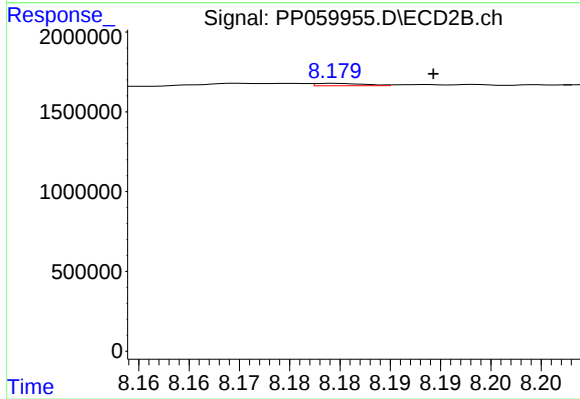
#43 AR-1268-3

R.T.: 7.891 min
Delta R.T.: -0.010 min
Response: 76884
Conc: 0.38 ng/ml



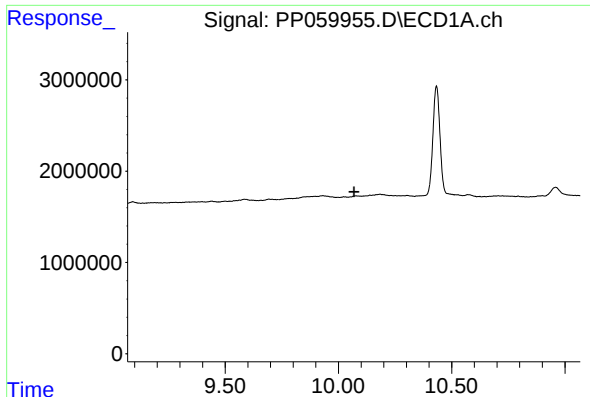
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.



#44 AR-1268-4

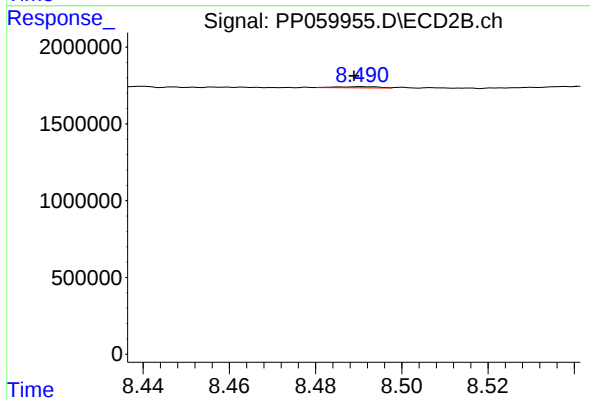
R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 52069
Conc: 0.64 ng/ml



#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.: 8.490 min
Delta R.T.: 0.002 min
Response: 47305
Conc: 0.07 ng/ml