

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020823\
 Data File : PP055451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2023 14:32
 Operator : YP\AJ
 Sample : 01478-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 21:46:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.329	3.576	31998173	29219703	18.403	19.464
2)	SA Decachlor...	10.080	8.582	31372620	22979948	18.117	17.015
Target Compounds							
3)	L1 AR-1016-1	5.496	4.666	723201	1340863	10.760	27.091 #
4)	L1 AR-1016-2	5.520	4.686	766140	550451	7.995	7.952
5)	L1 AR-1016-3	5.574	4.851	522592	426907	8.737	11.477 #
6)	L1 AR-1016-4	5.658f	4.900	1012809	697661	21.136	22.203
8)	L2 AR-1221-1	4.535	3.778	618602	880291	26.307	44.399 #
9)	L2 AR-1221-2	4.636	3.855f	793349	2316988	44.653	156.317 #
10)	L2 AR-1221-3	4.698	3.951	161446	428085	3.000	9.489 #
11)	L3 AR-1232-1	4.698	3.951	161446	428085	3.638	11.614 #
12)	L3 AR-1232-2	5.237	4.686	1410505	550451	62.371	17.233 #
13)	L3 AR-1232-3	5.520	4.851	766140	426907	17.445	25.608 #
14)	L3 AR-1232-4	5.658f	4.955	1012809	685073	45.758	42.482
15)	L3 AR-1232-5	5.778	5.142f	381129	-241960	21.770	N.D. #
16)	L4 AR-1242-1	5.496	4.666	723201	1340863	12.917	32.734 #
17)	L4 AR-1242-2	5.520	4.686	766140	550451	9.597	9.640
18)	L4 AR-1242-3	5.574	4.851	522592	426907	10.523	13.830 #
19)	L4 AR-1242-4	5.658f	4.955	1012809	685073	25.272	21.088
20)	L4 AR-1242-5	6.440	5.459	68148	782078	1.533	20.927 #
21)	L5 AR-1248-1	5.496	4.666	723201	1340863	17.341	43.249 #
22)	L5 AR-1248-2	5.778	4.900	381129	697661	5.995	15.257 #
23)	L5 AR-1248-3	0.000	4.955	0	685073	N.D.	14.370 #
24)	L5 AR-1248-4	6.393	5.142f	1150052	-241960	15.165	N.D. #
25)	L5 AR-1248-5	6.440	5.507	68148	263549	0.924	5.360 #
26)	L6 AR-1254-1	6.348	5.459	493536	782078	6.256	9.684 #
27)	L6 AR-1254-2	6.577	5.604	1242448	345346	10.266	4.826 #
28)	L6 AR-1254-3	6.954	6.030	3374183	3118954	27.547	27.996
29)	L6 AR-1254-4	7.231	6.240	90808	337094	1.031	5.481 #
30)	L6 AR-1254-5	7.672	6.658	42303708	36438588	418.183	384.357
31)	L7 AR-1260-1	7.109	6.139	450580	967346	4.727	12.475 #
32)	L7 AR-1260-2	7.356f	6.332	7129880	418639	63.351	4.657 #
33)	L7 AR-1260-3	7.731	6.510	104384	71779	1.296	0.845 #
34)	L7 AR-1260-4	7.955	6.960	1389712	201511	14.316	2.814 #
35)	L7 AR-1260-5	8.271	7.201	1154091	1676005	6.489	10.902 #
36)	L8 AR-1262-1	7.731	6.760	104384	392504	0.885	9.136 #
37)	L8 AR-1262-2	8.271	6.960	1154091	201511	5.730	2.176 #
38)	L8 AR-1262-3	8.586	7.486	-2906	260195	N.D.	3.571 #
39)	L8 AR-1262-4	8.679	7.546	271976	934513	3.538	7.146 #
40)	L8 AR-1262-5	9.329	8.057	124547	16084	1.741	0.271 #
41)	L9 AR-1268-1	8.586	7.486	-2906	260195	N.D.	1.203 #
42)	L9 AR-1268-2	8.679	7.546	271976	934513	1.197	4.789 #

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 Operator : YP\AJ
 Sample : 01478-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

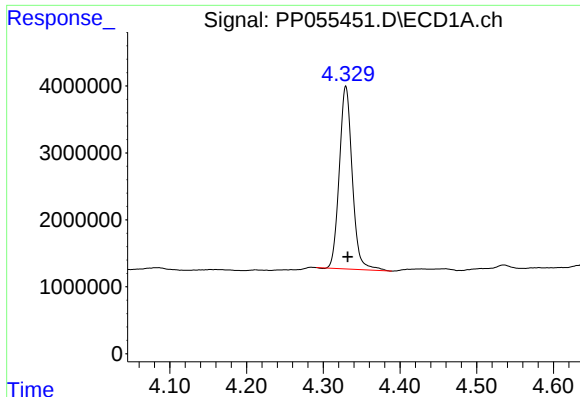
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 21:46:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.903	7.767	26396	23017	0.132	0.134
44) L9	AR-1268-4	9.329	8.057	124547	16084	1.586	0.252 #
45) L9	AR-1268-5	9.741	8.328	477252	174457	0.750	0.331 #

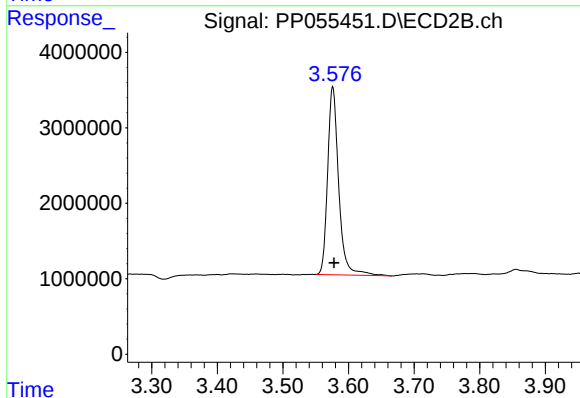
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

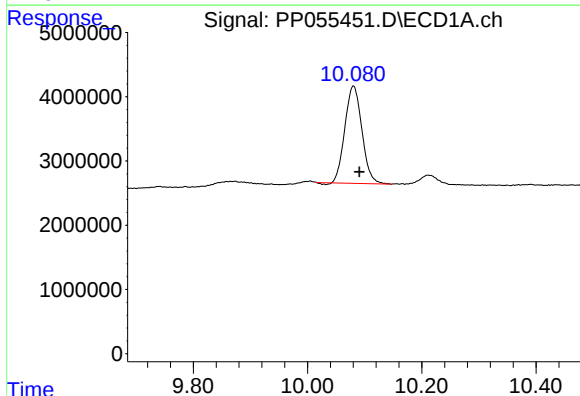
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 31998173
Conc: 18.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



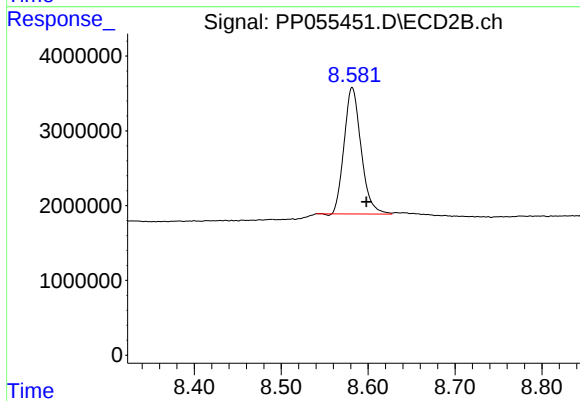
#1 Tetrachloro-m-xylene

R.T.: 3.576 min
Delta R.T.: -0.002 min
Response: 29219703
Conc: 19.46 ng/ml



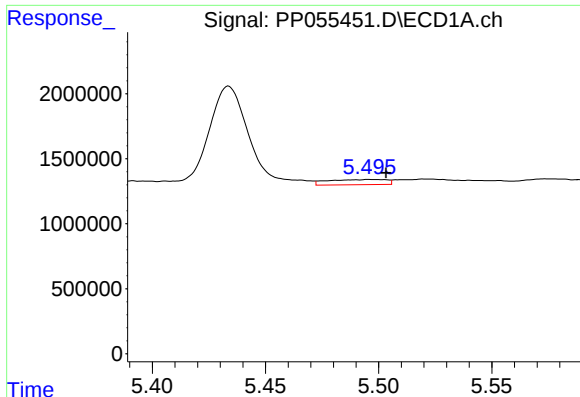
#2 Decachlorobiphenyl

R.T.: 10.080 min
Delta R.T.: -0.011 min
Response: 31372620
Conc: 18.12 ng/ml



#2 Decachlorobiphenyl

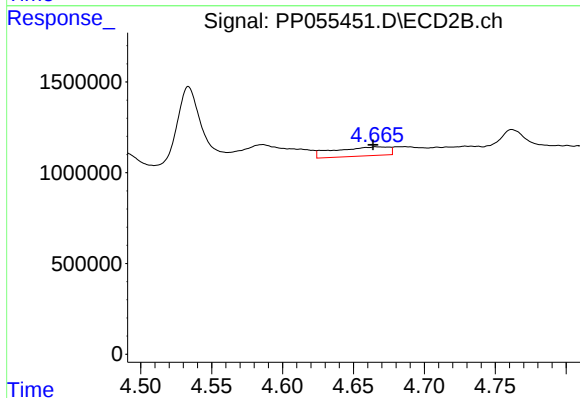
R.T.: 8.582 min
Delta R.T.: -0.016 min
Response: 22979948
Conc: 17.02 ng/ml



#3 AR-1016-1

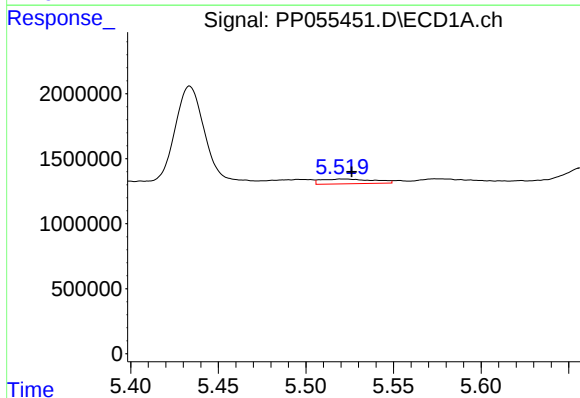
R.T.: 5.496 min
Delta R.T.: -0.007 min
Response: 723201
Conc: 10.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



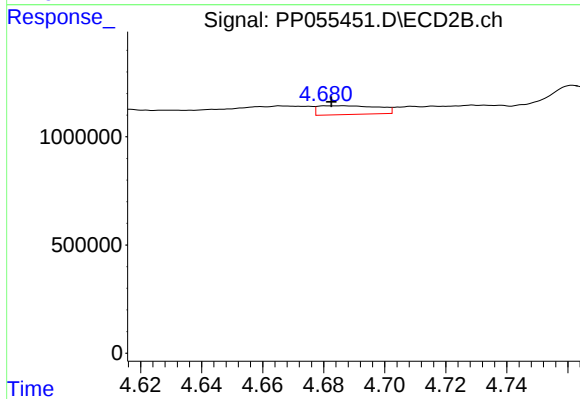
#3 AR-1016-1

R.T.: 4.666 min
Delta R.T.: 0.003 min
Response: 1340863
Conc: 27.09 ng/ml



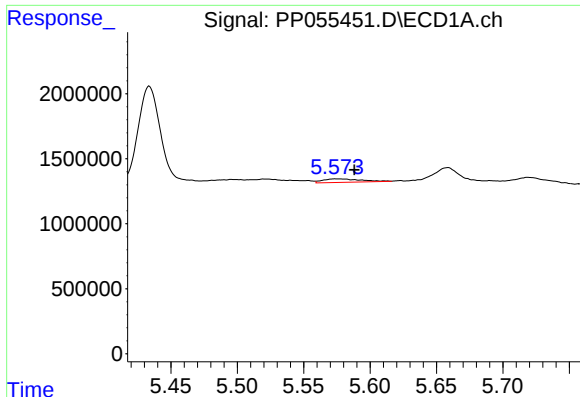
#4 AR-1016-2

R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 766140
Conc: 7.99 ng/ml



#4 AR-1016-2

R.T.: 4.686 min
Delta R.T.: 0.003 min
Response: 550451
Conc: 7.95 ng/ml



#5 AR-1016-3

R.T.: 5.574 min
Delta R.T.: -0.014 min
Response: 522592
Conc: 8.74 ng/ml

Instrument :
ECD_P
ClientSampleId :

#5 AR-1016-3

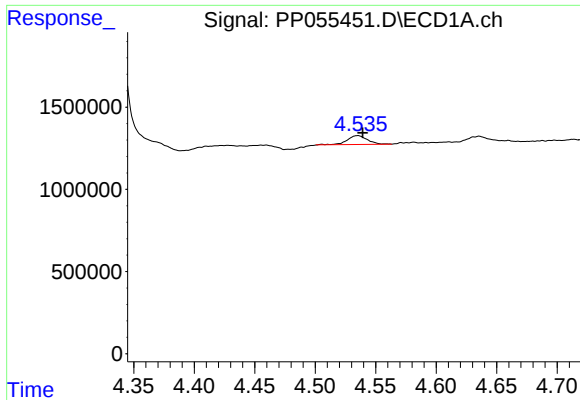
R.T.: 4.851 min
Delta R.T.: -0.009 min
Response: 426907
Conc: 11.48 ng/ml

#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.029 min
Response: 1012809
Conc: 21.14 ng/ml

#6 AR-1016-4

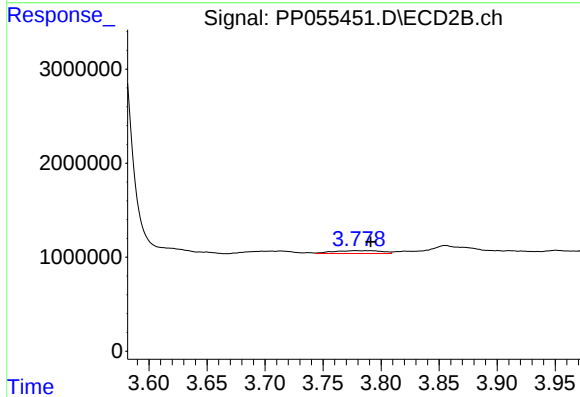
R.T.: 4.900 min
Delta R.T.: -0.001 min
Response: 697661
Conc: 22.20 ng/ml



#8 AR-1221-1

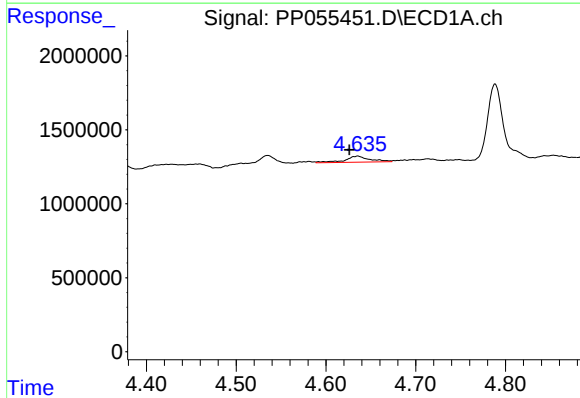
R.T.: 4.535 min
Delta R.T.: -0.004 min
Response: 618602
Conc: 26.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



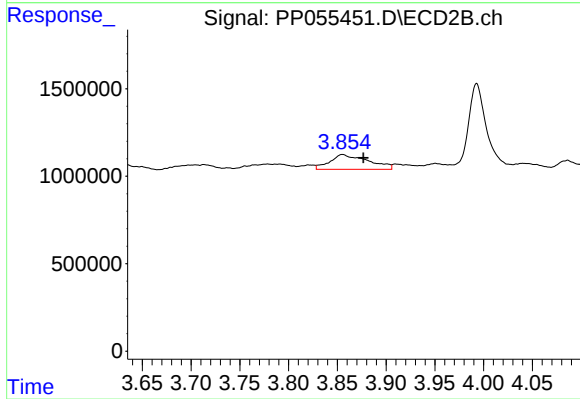
#8 AR-1221-1

R.T.: 3.778 min
Delta R.T.: -0.013 min
Response: 880291
Conc: 44.40 ng/ml



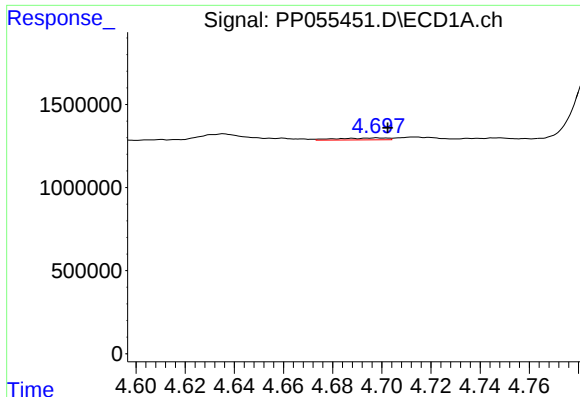
#9 AR-1221-2

R.T.: 4.636 min
Delta R.T.: 0.010 min
Response: 793349
Conc: 44.65 ng/ml



#9 AR-1221-2

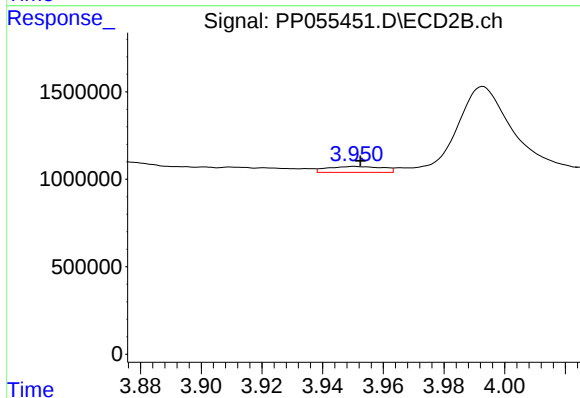
R.T.: 3.855 min
Delta R.T.: -0.021 min
Response: 2316988
Conc: 156.32 ng/ml



#10 AR-1221-3

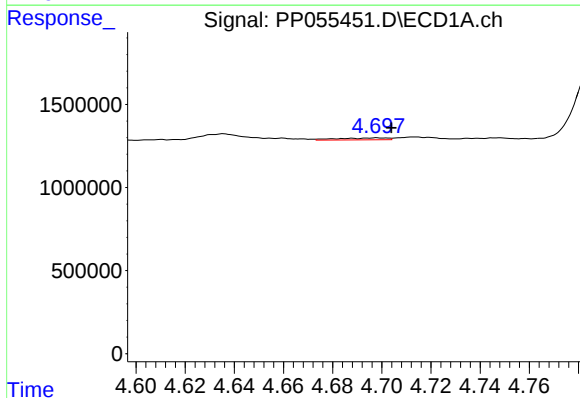
R.T.: 4.698 min
Delta R.T.: -0.004 min
Response: 161446
Conc: 3.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



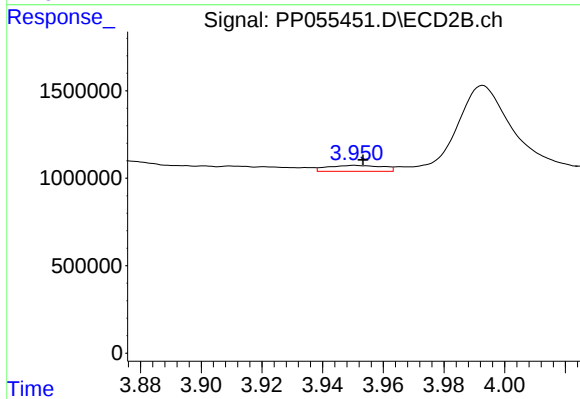
#10 AR-1221-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 428085
Conc: 9.49 ng/ml



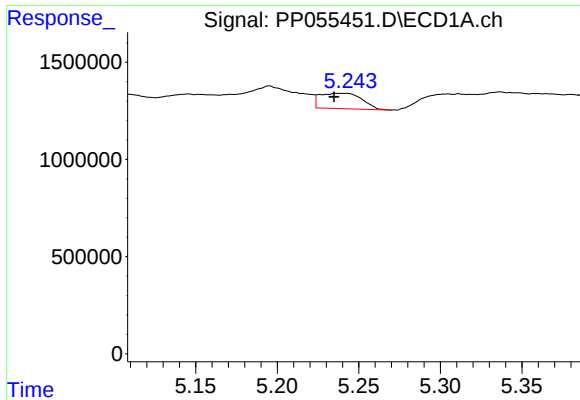
#11 AR-1232-1

R.T.: 4.698 min
Delta R.T.: -0.006 min
Response: 161446
Conc: 3.64 ng/ml



#11 AR-1232-1

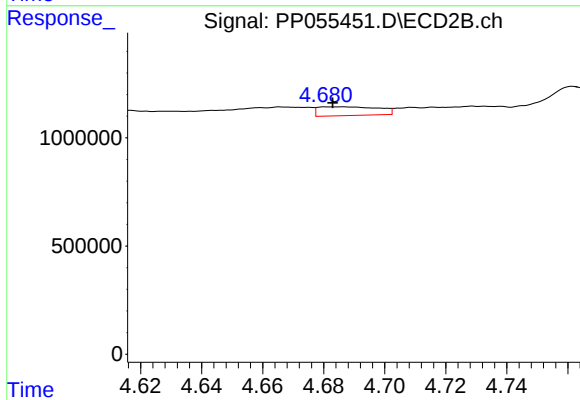
R.T.: 3.951 min
Delta R.T.: -0.003 min
Response: 428085
Conc: 11.61 ng/ml



#12 AR-1232-2

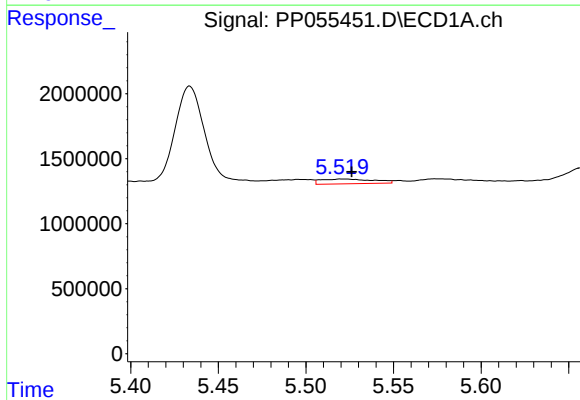
R.T.: 5.237 min
Delta R.T.: 0.002 min
Response: 1410505
Conc: 62.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



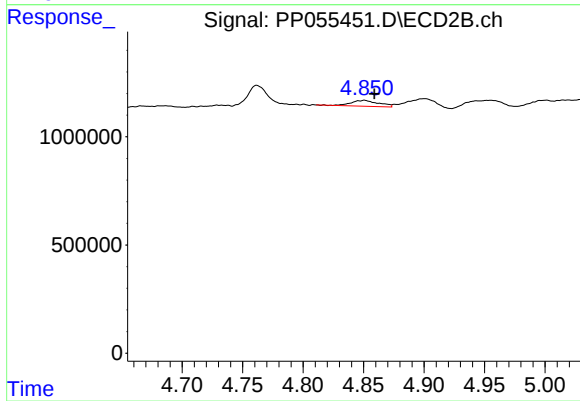
#12 AR-1232-2

R.T.: 4.686 min
Delta R.T.: 0.003 min
Response: 550451
Conc: 17.23 ng/ml



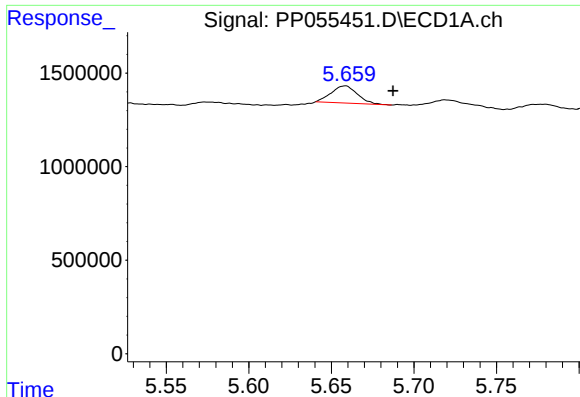
#13 AR-1232-3

R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 766140
Conc: 17.45 ng/ml



#13 AR-1232-3

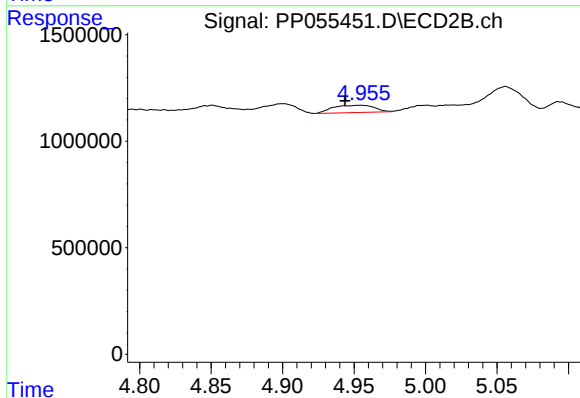
R.T.: 4.851 min
Delta R.T.: -0.008 min
Response: 426907
Conc: 25.61 ng/ml



#14 AR-1232-4

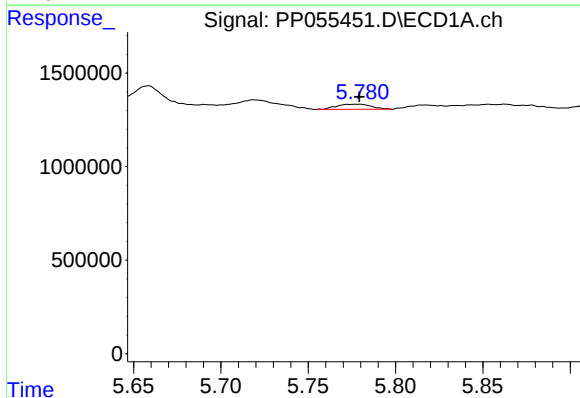
R.T.: 5.658 min
Delta R.T.: -0.029 min
Response: 1012809
Conc: 45.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



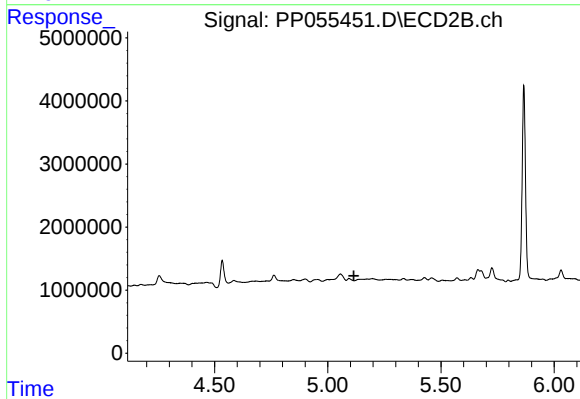
#14 AR-1232-4

R.T.: 4.955 min
Delta R.T.: 0.011 min
Response: 685073
Conc: 42.48 ng/ml



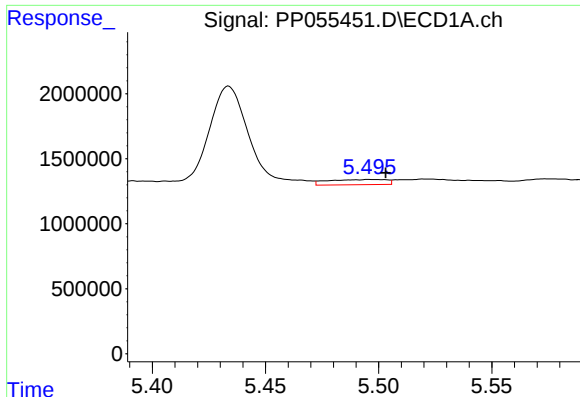
#15 AR-1232-5

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 381129
Conc: 21.77 ng/ml



#15 AR-1232-5

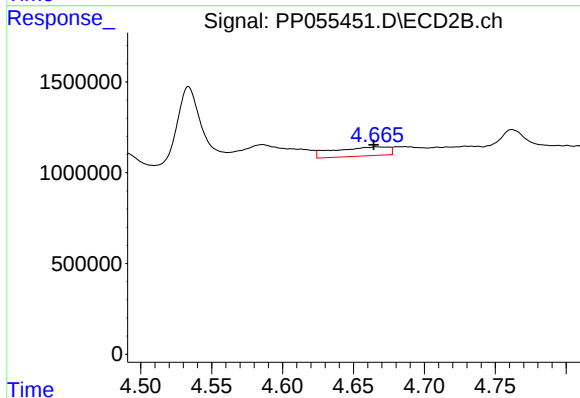
R.T.: 5.142 min
Delta R.T.: 0.027 min
Response: -241960
Conc: N.D.



#16 AR-1242-1

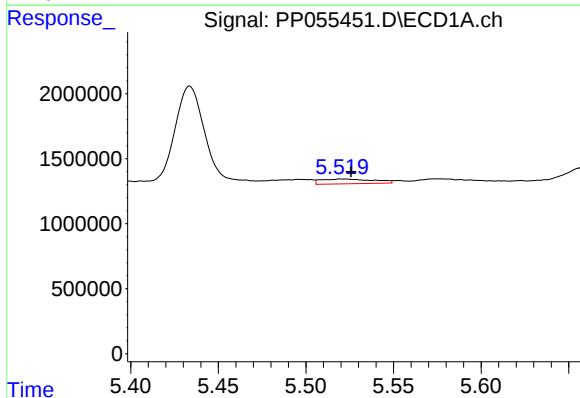
R.T.: 5.496 min
Delta R.T.: -0.007 min
Response: 723201
Conc: 12.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



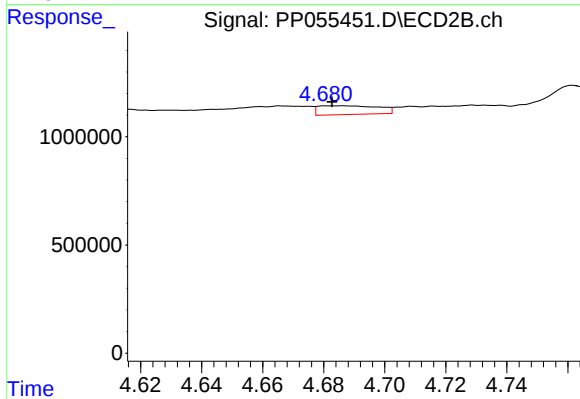
#16 AR-1242-1

R.T.: 4.666 min
Delta R.T.: 0.002 min
Response: 1340863
Conc: 32.73 ng/ml



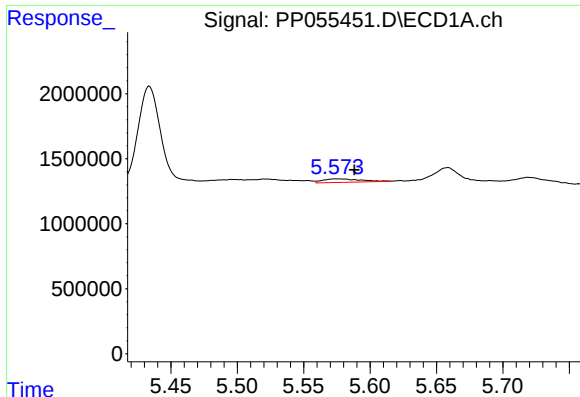
#17 AR-1242-2

R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 766140
Conc: 9.60 ng/ml



#17 AR-1242-2

R.T.: 4.686 min
Delta R.T.: 0.003 min
Response: 550451
Conc: 9.64 ng/ml



#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: -0.014 min
Response: 522592
Conc: 10.52 ng/ml

Instrument :
ECD_P
ClientSampleId :

#18 AR-1242-3

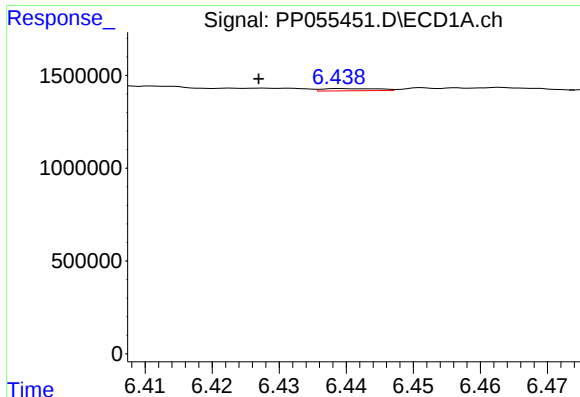
R.T.: 4.851 min
Delta R.T.: -0.009 min
Response: 426907
Conc: 13.83 ng/ml

#19 AR-1242-4

R.T.: 5.658 min
Delta R.T.: -0.029 min
Response: 1012809
Conc: 25.27 ng/ml

#19 AR-1242-4

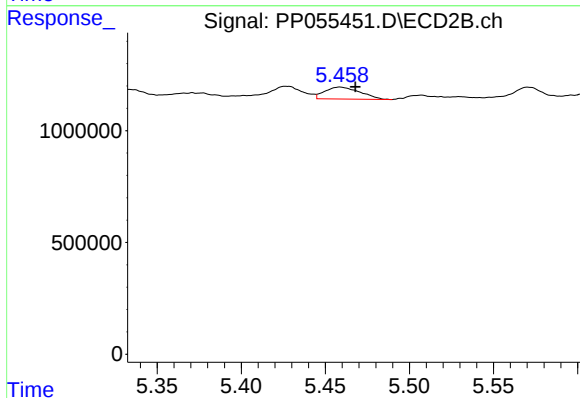
R.T.: 4.955 min
Delta R.T.: 0.011 min
Response: 685073
Conc: 21.09 ng/ml



#20 AR-1242-5

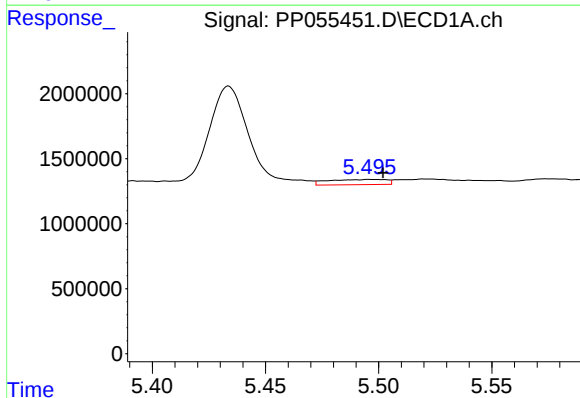
R.T.: 6.440 min
Delta R.T.: 0.013 min
Response: 68148
Conc: 1.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



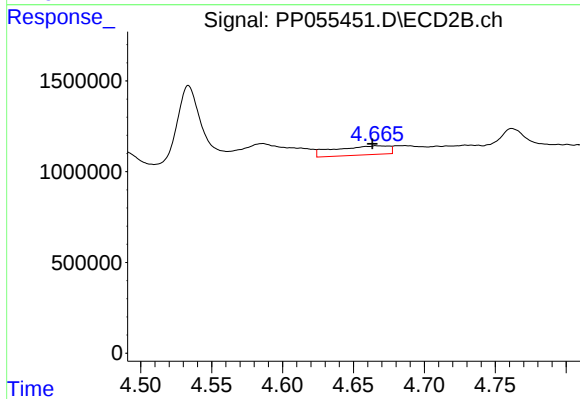
#20 AR-1242-5

R.T.: 5.459 min
Delta R.T.: -0.009 min
Response: 782078
Conc: 20.93 ng/ml



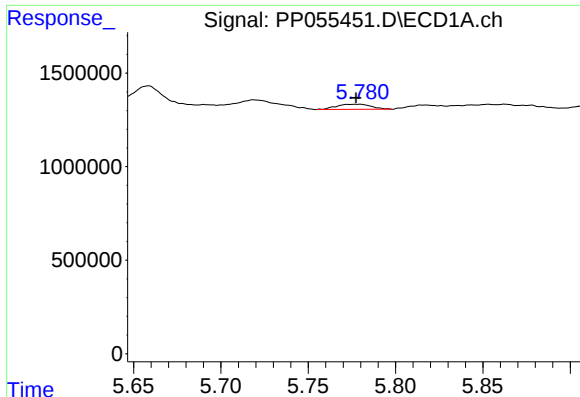
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: -0.006 min
Response: 723201
Conc: 17.34 ng/ml



#21 AR-1248-1

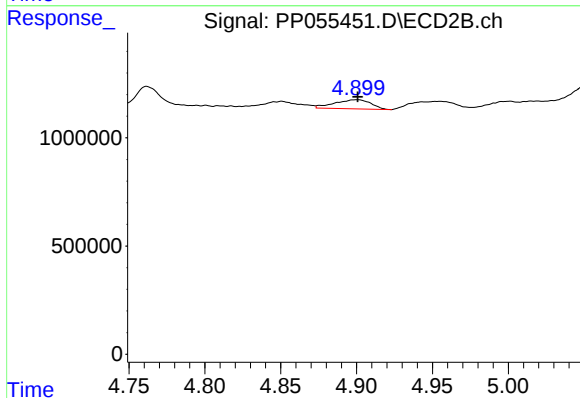
R.T.: 4.666 min
Delta R.T.: 0.003 min
Response: 1340863
Conc: 43.25 ng/ml



#22 AR-1248-2

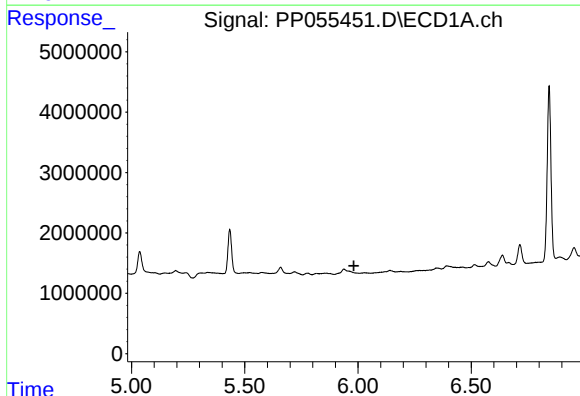
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 381129
Conc: 6.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



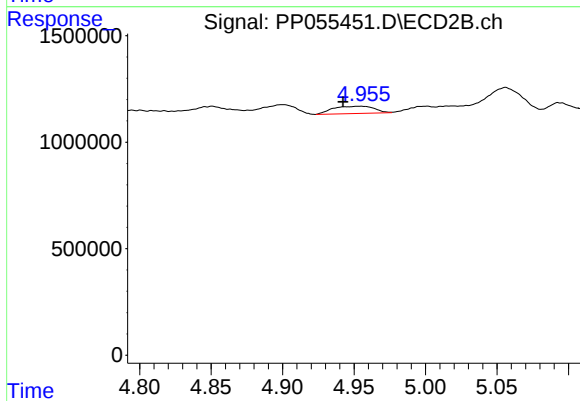
#22 AR-1248-2

R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 697661
Conc: 15.26 ng/ml



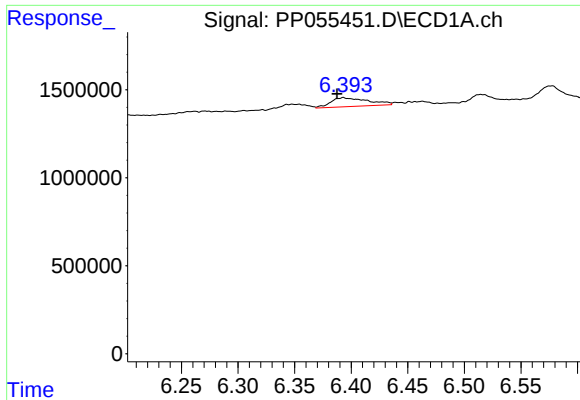
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.982 min
Response: 0
Conc: N.D.



#23 AR-1248-3

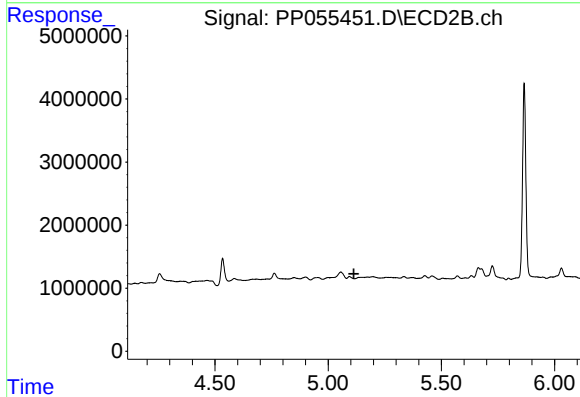
R.T.: 4.955 min
Delta R.T.: 0.012 min
Response: 685073
Conc: 14.37 ng/ml



#24 AR-1248-4

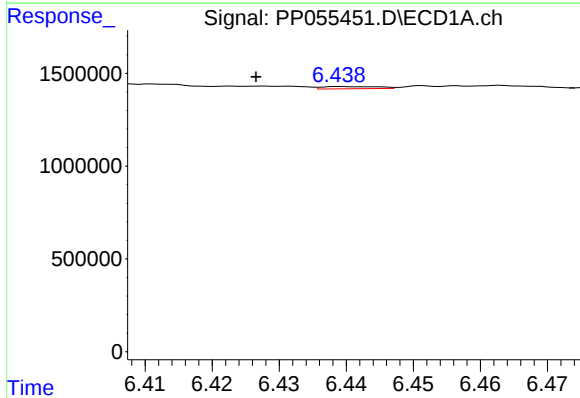
R.T.: 6.393 min
Delta R.T.: 0.005 min
Response: 1150052
Conc: 15.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



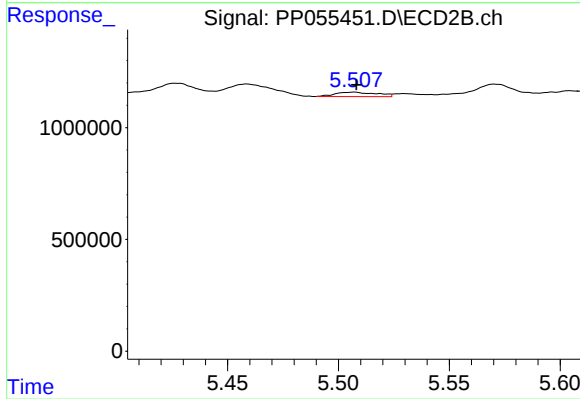
#24 AR-1248-4

R.T.: 5.142 min
Delta R.T.: 0.029 min
Response: -241960
Conc: N.D.



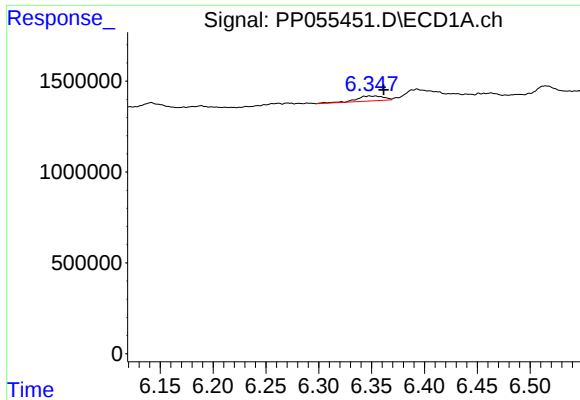
#25 AR-1248-5

R.T.: 6.440 min
Delta R.T.: 0.013 min
Response: 68148
Conc: 0.92 ng/ml



#25 AR-1248-5

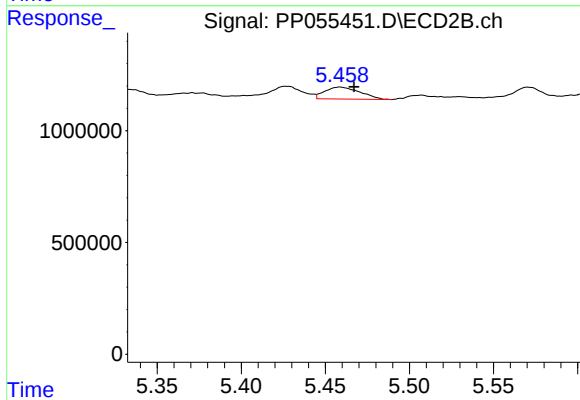
R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 263549
Conc: 5.36 ng/ml



#26 AR-1254-1

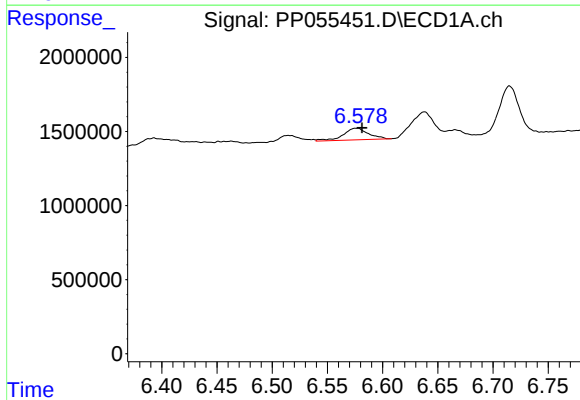
R.T.: 6.348 min
Delta R.T.: -0.013 min
Response: 493536
Conc: 6.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



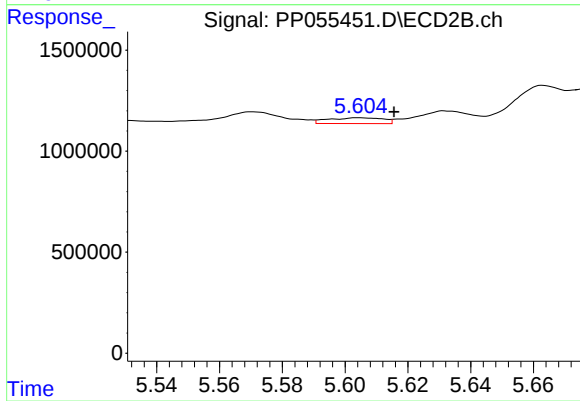
#26 AR-1254-1

R.T.: 5.459 min
Delta R.T.: -0.008 min
Response: 782078
Conc: 9.68 ng/ml



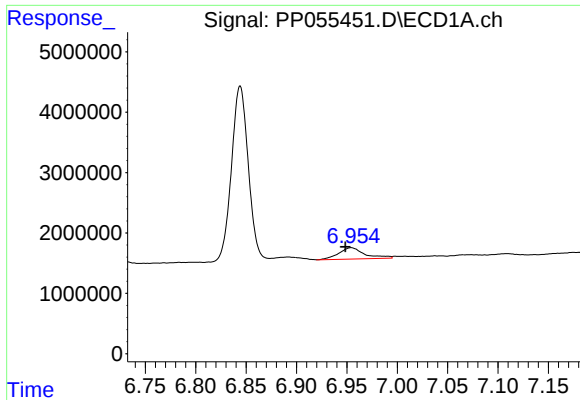
#27 AR-1254-2

R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 1242448
Conc: 10.27 ng/ml



#27 AR-1254-2

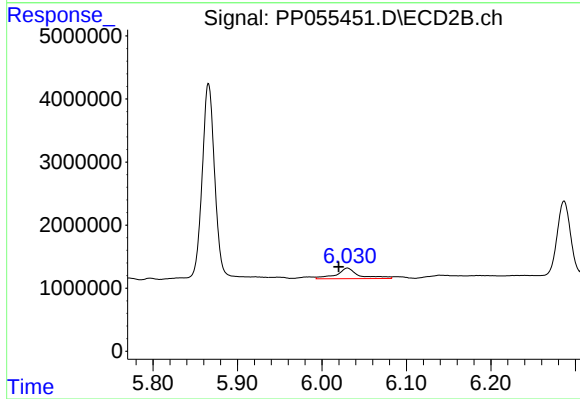
R.T.: 5.604 min
Delta R.T.: -0.011 min
Response: 345346
Conc: 4.83 ng/ml



#28 AR-1254-3

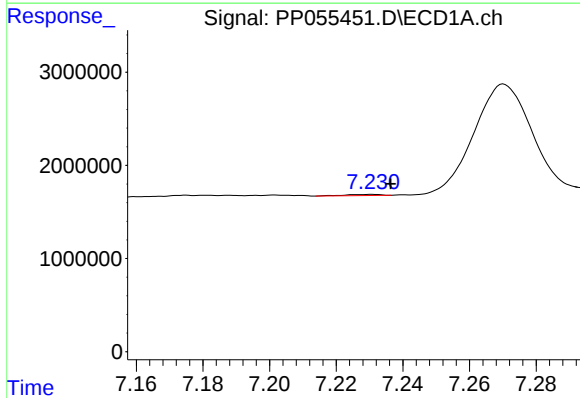
R.T.: 6.954 min
Delta R.T.: 0.006 min
Response: 3374183
Conc: 27.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



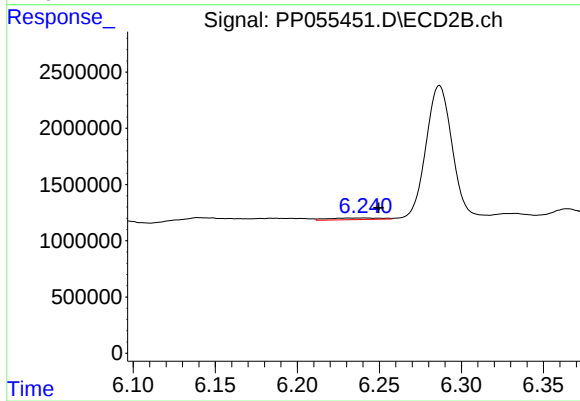
#28 AR-1254-3

R.T.: 6.030 min
Delta R.T.: 0.010 min
Response: 3118954
Conc: 28.00 ng/ml



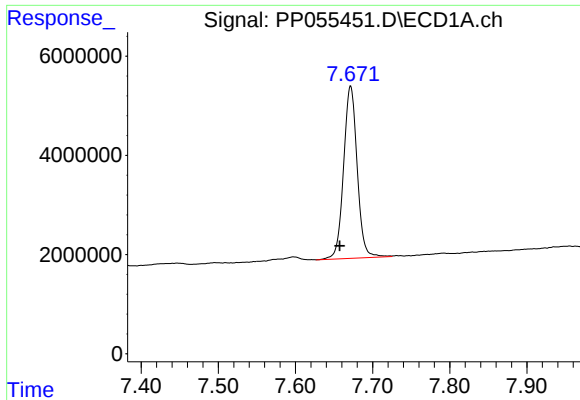
#29 AR-1254-4

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 90808
Conc: 1.03 ng/ml



#29 AR-1254-4

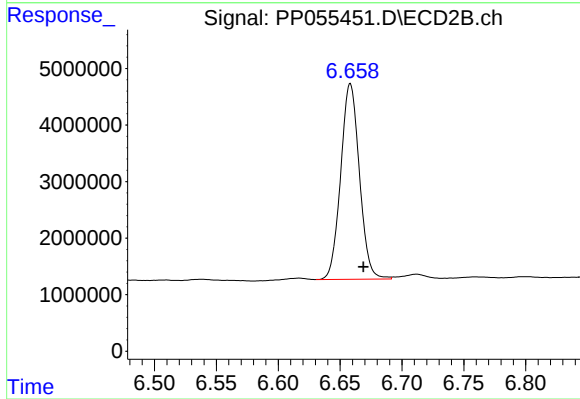
R.T.: 6.240 min
Delta R.T.: -0.010 min
Response: 337094
Conc: 5.48 ng/ml



#30 AR-1254-5

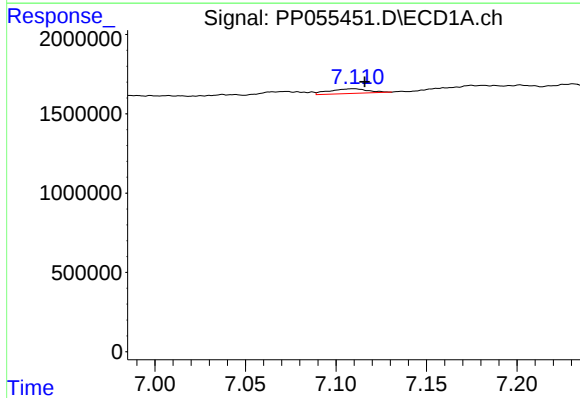
R.T.: 7.672 min
Delta R.T.: 0.014 min
Response: 42303708
Conc: 418.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



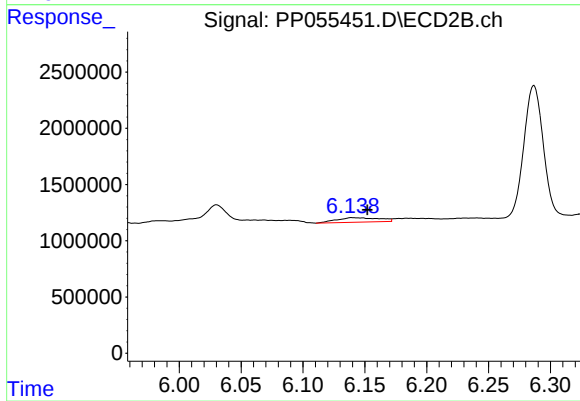
#30 AR-1254-5

R.T.: 6.658 min
Delta R.T.: -0.011 min
Response: 36438588
Conc: 384.36 ng/ml



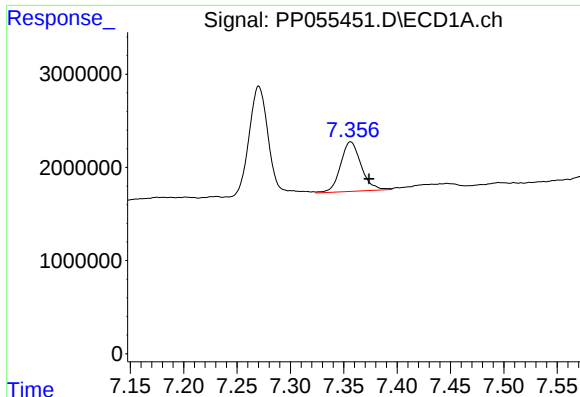
#31 AR-1260-1

R.T.: 7.109 min
Delta R.T.: -0.006 min
Response: 450580
Conc: 4.73 ng/ml



#31 AR-1260-1

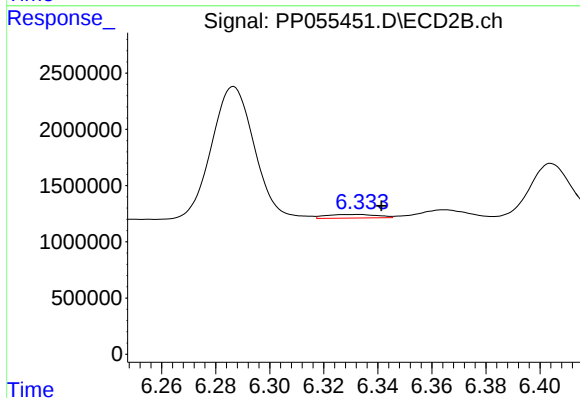
R.T.: 6.139 min
Delta R.T.: -0.013 min
Response: 967346
Conc: 12.47 ng/ml



#32 AR-1260-2

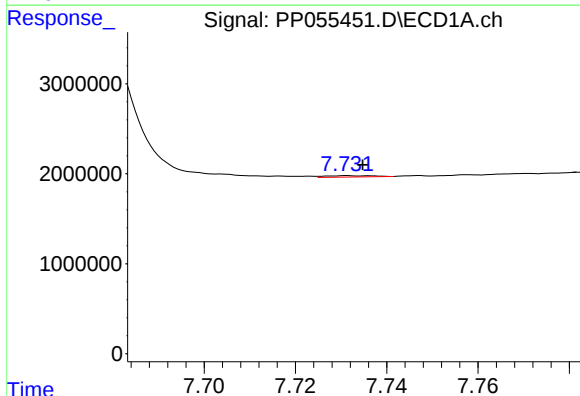
R.T.: 7.356 min
Delta R.T.: -0.017 min
Response: 7129880
Conc: 63.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



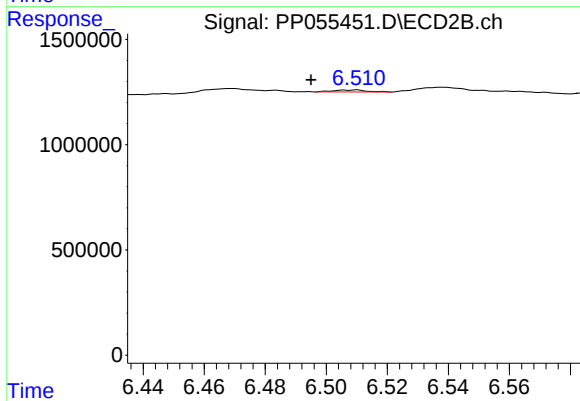
#32 AR-1260-2

R.T.: 6.332 min
Delta R.T.: -0.009 min
Response: 418639
Conc: 4.66 ng/ml



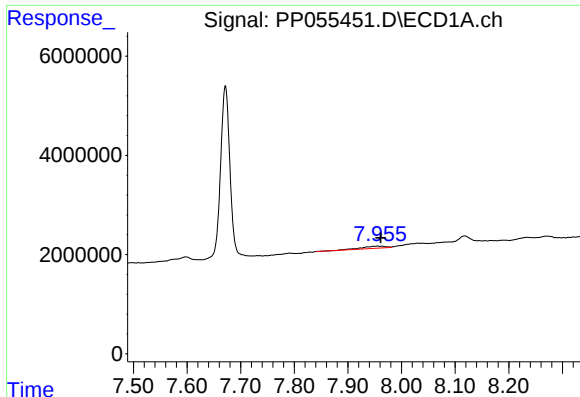
#33 AR-1260-3

R.T.: 7.731 min
Delta R.T.: -0.003 min
Response: 104384
Conc: 1.30 ng/ml



#33 AR-1260-3

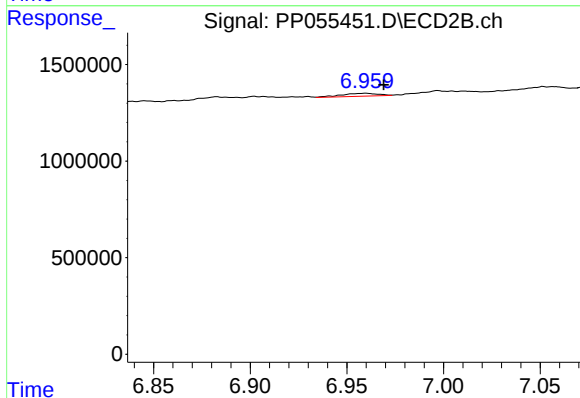
R.T.: 6.510 min
Delta R.T.: 0.015 min
Response: 71779
Conc: 0.85 ng/ml



#34 AR-1260-4

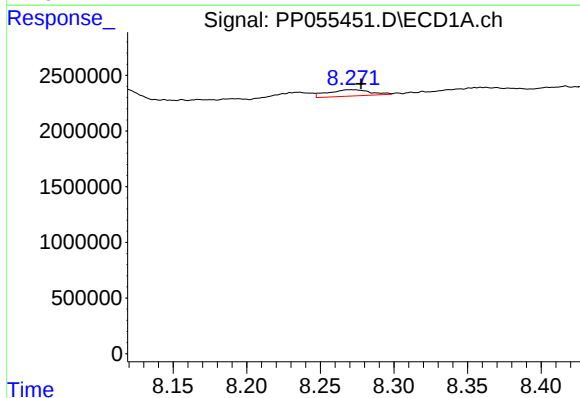
R.T.: 7.955 min
Delta R.T.: -0.006 min
Response: 1389712
Conc: 14.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



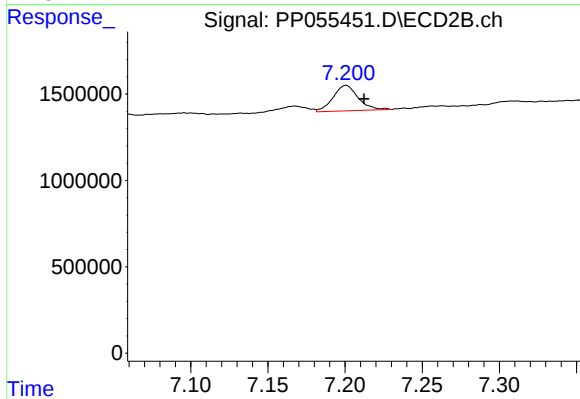
#34 AR-1260-4

R.T.: 6.960 min
Delta R.T.: -0.010 min
Response: 201511
Conc: 2.81 ng/ml



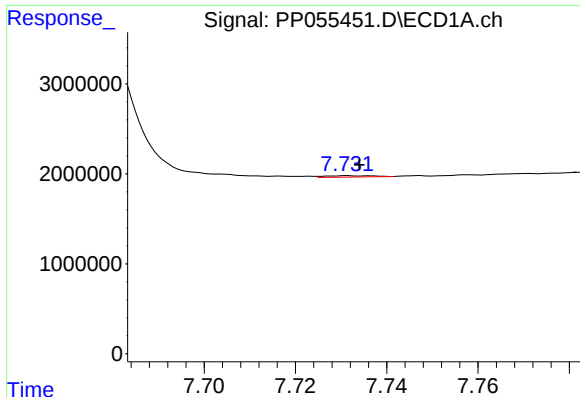
#35 AR-1260-5

R.T.: 8.271 min
Delta R.T.: -0.007 min
Response: 1154091
Conc: 6.49 ng/ml



#35 AR-1260-5

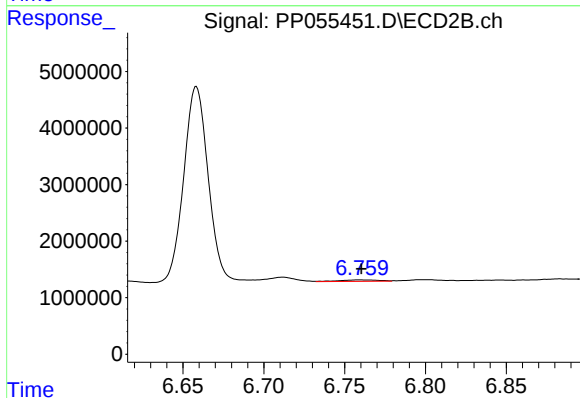
R.T.: 7.201 min
Delta R.T.: -0.012 min
Response: 1676005
Conc: 10.90 ng/ml



#36 AR-1262-1

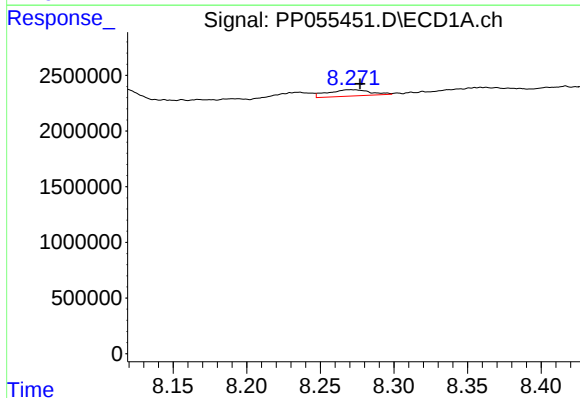
R.T.: 7.731 min
Delta R.T.: -0.003 min
Response: 104384
Conc: 0.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



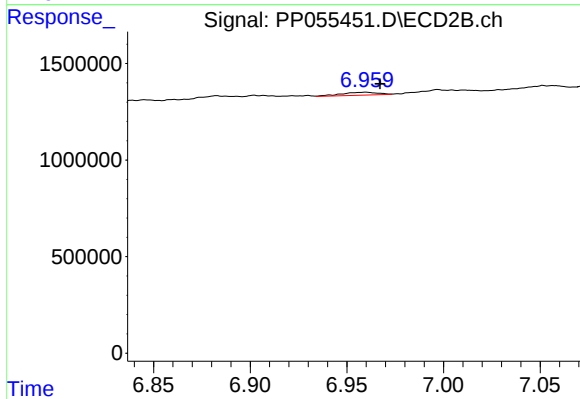
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 392504
Conc: 9.14 ng/ml



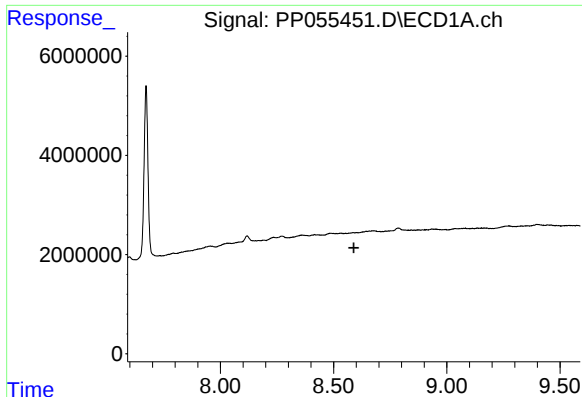
#37 AR-1262-2

R.T.: 8.271 min
Delta R.T.: -0.006 min
Response: 1154091
Conc: 5.73 ng/ml



#37 AR-1262-2

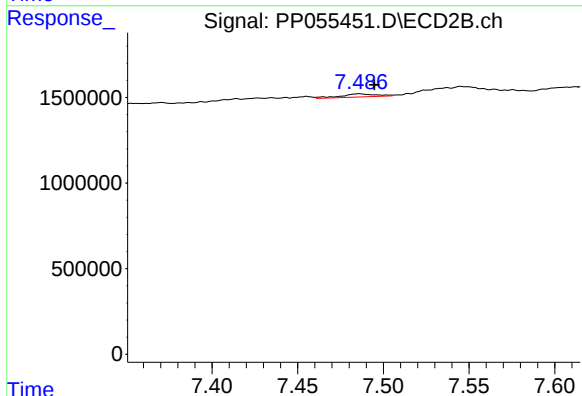
R.T.: 6.960 min
Delta R.T.: -0.008 min
Response: 201511
Conc: 2.18 ng/ml



#38 AR-1262-3

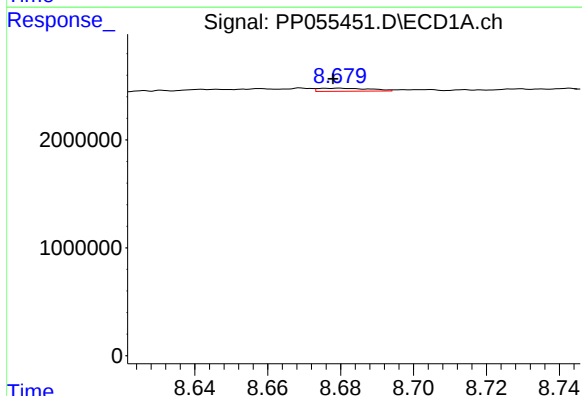
R.T.: 8.586 min
Delta R.T.: -0.004 min
Response: -2906
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



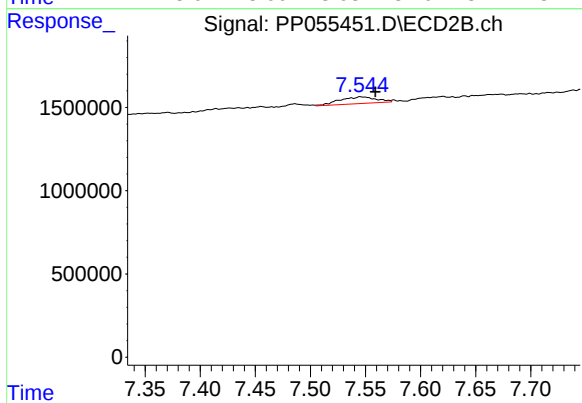
#38 AR-1262-3

R.T.: 7.486 min
Delta R.T.: -0.009 min
Response: 260195
Conc: 3.57 ng/ml



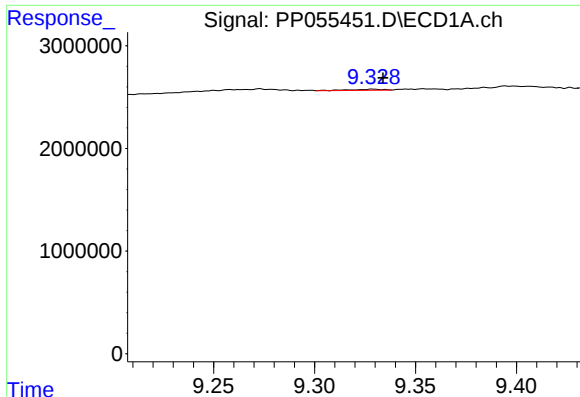
#39 AR-1262-4

R.T.: 8.679 min
Delta R.T.: 0.001 min
Response: 271976
Conc: 3.54 ng/ml



#39 AR-1262-4

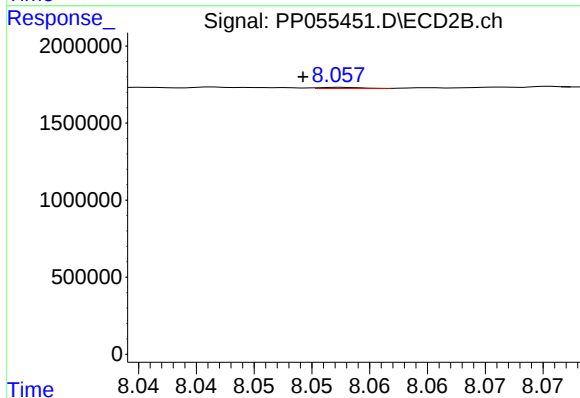
R.T.: 7.546 min
Delta R.T.: -0.013 min
Response: 934513
Conc: 7.15 ng/ml



#40 AR-1262-5

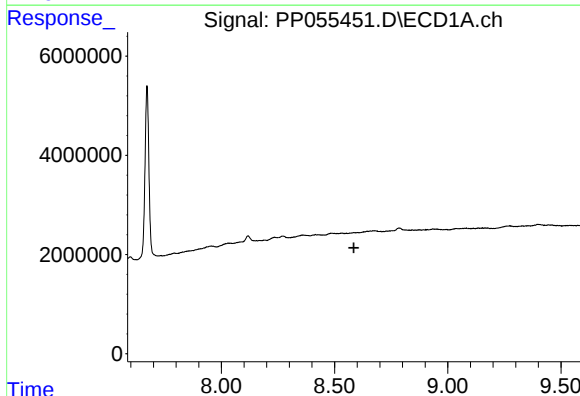
R.T.: 9.329 min
Delta R.T.: -0.005 min
Response: 124547
Conc: 1.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



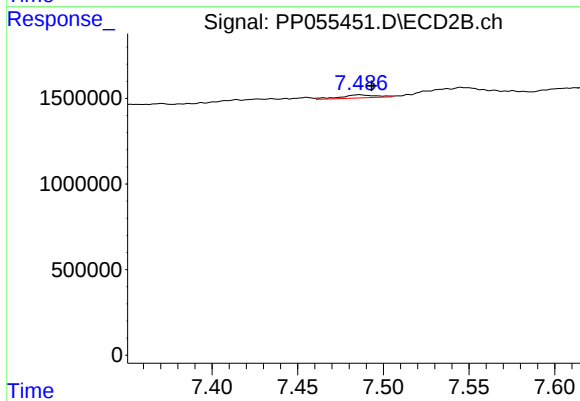
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.003 min
Response: 16084
Conc: 0.27 ng/ml



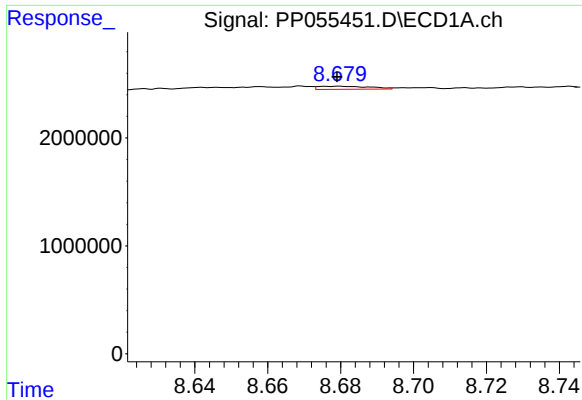
#41 AR-1268-1

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: -2906
Conc: N.D.



#41 AR-1268-1

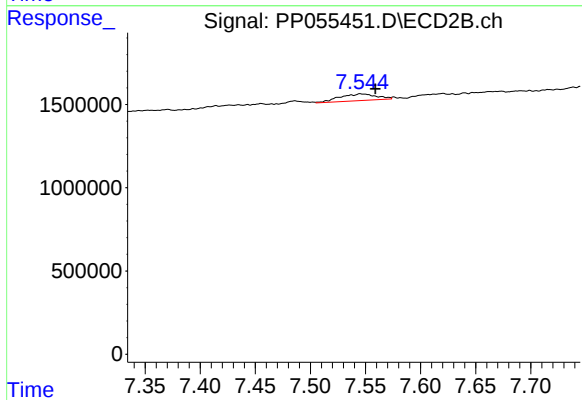
R.T.: 7.486 min
Delta R.T.: -0.007 min
Response: 260195
Conc: 1.20 ng/ml



#42 AR-1268-2

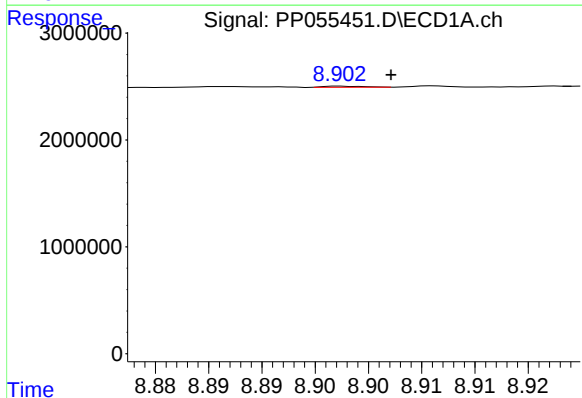
R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 271976
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



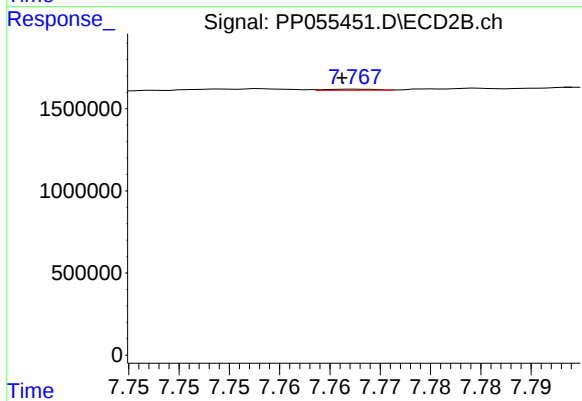
#42 AR-1268-2

R.T.: 7.546 min
Delta R.T.: -0.013 min
Response: 934513
Conc: 4.79 ng/ml



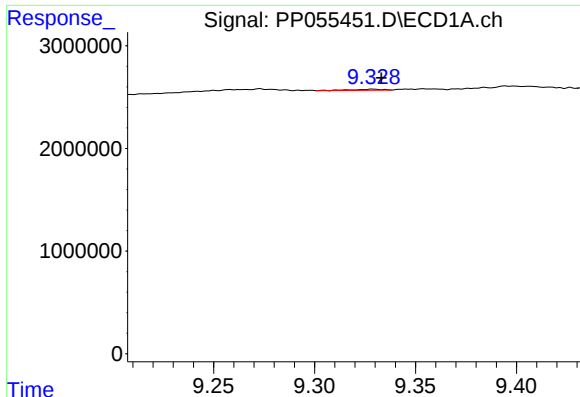
#43 AR-1268-3

R.T.: 8.903 min
Delta R.T.: -0.004 min
Response: 26396
Conc: 0.13 ng/ml



#43 AR-1268-3

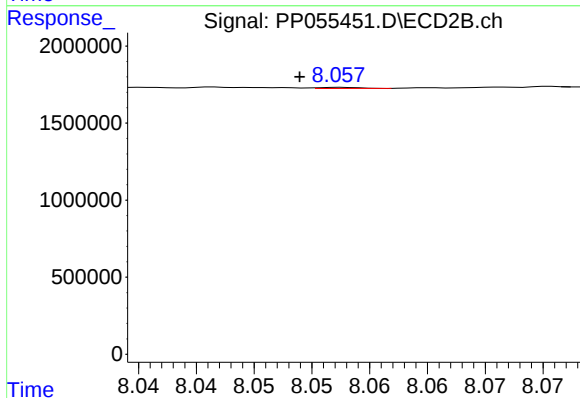
R.T.: 7.767 min
Delta R.T.: 0.001 min
Response: 23017
Conc: 0.13 ng/ml



#44 AR-1268-4

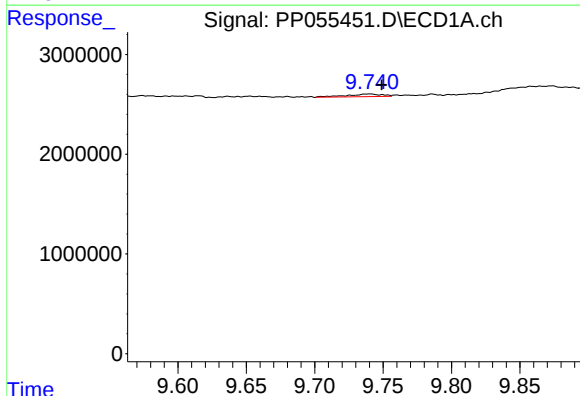
R.T.: 9.329 min
Delta R.T.: -0.004 min
Response: 124547
Conc: 1.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



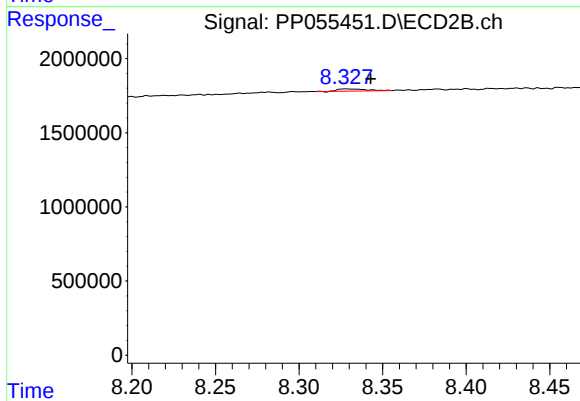
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.003 min
Response: 16084
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 9.741 min
Delta R.T.: -0.008 min
Response: 477252
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 8.328 min
Delta R.T.: -0.015 min
Response: 174457
Conc: 0.33 ng/ml