

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112322\
 Data File : PP053454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2022 12:08
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 16:25:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 09 05:50:05 2022
 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...	4.410	3.647	40907936	36885537	21.280	24.521
2)	SA Decachlor...	10.223	8.732	31901527	38876785	23.527	20.741
Target Compounds							
3)	L1 AR-1016-1	5.581	4.753	88521	324240	1.423	5.781 #
4)	L1 AR-1016-2	5.605	4.753	77903	324240	0.843	4.177 #
5)	L1 AR-1016-3	5.661	0.000	316827	0	5.598	N.D. #
6)	L1 AR-1016-4	5.761	4.995	57357	455864	1.261	13.043 #
7)	L1 AR-1016-5	6.062	0.000	19803	0	0.437	N.D. #
8)	L2 AR-1221-1	4.604	0.000	59708	0	2.657	N.D. #
9)	L2 AR-1221-2	4.680f	3.952	36592	485035	2.202	33.113 #
10)	L2 AR-1221-3	4.770	0.000	61168	0	1.215	N.D. #
11)	L3 AR-1232-1	4.770	0.000	61168	0	1.595	N.D. #
12)	L3 AR-1232-2	5.309	4.753	71526	324240	3.178	9.316 #
13)	L3 AR-1232-3	5.605	0.000	77903	0	1.919	N.D. #
14)	L3 AR-1232-4	5.761	0.000	57357	0	2.842	N.D. #
15)	L3 AR-1232-5	5.866f	0.000	69777	0	4.208	N.D. #
16)	L4 AR-1242-1	5.581	4.753	88521	324240	1.816	7.354 #
17)	L4 AR-1242-2	5.605	4.753	77903	324240	1.081	5.243 #
18)	L4 AR-1242-3	5.661	0.000	316827	0	7.075	N.D. #
19)	L4 AR-1242-4	5.761	0.000	57357	0	1.595	N.D. #
20)	L4 AR-1242-5	6.497	5.587f	300865	876402	8.241	20.013 #
21)	L5 AR-1248-1	5.581	4.753	88521	324240	2.373	9.457 #
22)	L5 AR-1248-2	5.866f	4.995	69777	455864	1.275	9.493 #
23)	L5 AR-1248-3	6.062	0.000	19803	0	0.332	N.D. #
24)	L5 AR-1248-4	6.472	0.000	335643	0	5.440	N.D. #
25)	L5 AR-1248-5	6.497	5.587	300865	876402	4.988	15.931 #
26)	L6 AR-1254-1	6.446	5.587f	1455539	876402	20.589	9.668 #
27)	L6 AR-1254-2	6.665	5.715	618951	841104	5.892	10.359 #
28)	L6 AR-1254-3	7.036f	6.135f	859049	789839	8.375	6.214 #
29)	L6 AR-1254-4	7.296	0.000	509848	0	7.329	N.D. #
30)	L6 AR-1254-5	7.741	6.765	168882	114111	2.132	0.903 #
31)	L7 AR-1260-1	7.203	0.000	385603	0	4.716	N.D. #
32)	L7 AR-1260-2	7.428f	6.428	74540	2758245	0.805	23.970 #
33)	L7 AR-1260-3	7.806	6.584	161285	653629	2.586	6.091 #
34)	L7 AR-1260-4	8.044	0.000	941963	0	12.574	N.D. #
35)	L7 AR-1260-5	8.371	7.330	316243	380407	2.499	2.009
36)	L8 AR-1262-1	7.806	6.847f	161285	25625	1.678	0.487 #
37)	L8 AR-1262-2	8.340	0.000	730638	0	4.827	N.D. #
38)	L8 AR-1262-3	8.677	0.000	45463	0	0.439	N.D. #
39)	L8 AR-1262-4	8.760	7.681f	44884	258016	0.555	1.573 #
40)	L8 AR-1262-5	9.427	8.159	35442	1650859	0.697	21.731 #
41)	L9 AR-1268-1	8.677	0.000	45463	0	0.240	N.D. #

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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
42) L9	AR-1268-2	8.760	7.681f	44884	258016	0.265	1.081 #
44) L9	AR-1268-4	9.427	8.159	35442	1650859	0.633	20.056 #
45) L9	AR-1268-5	9.833f	8.468	49043	414402	0.106	0.624 #

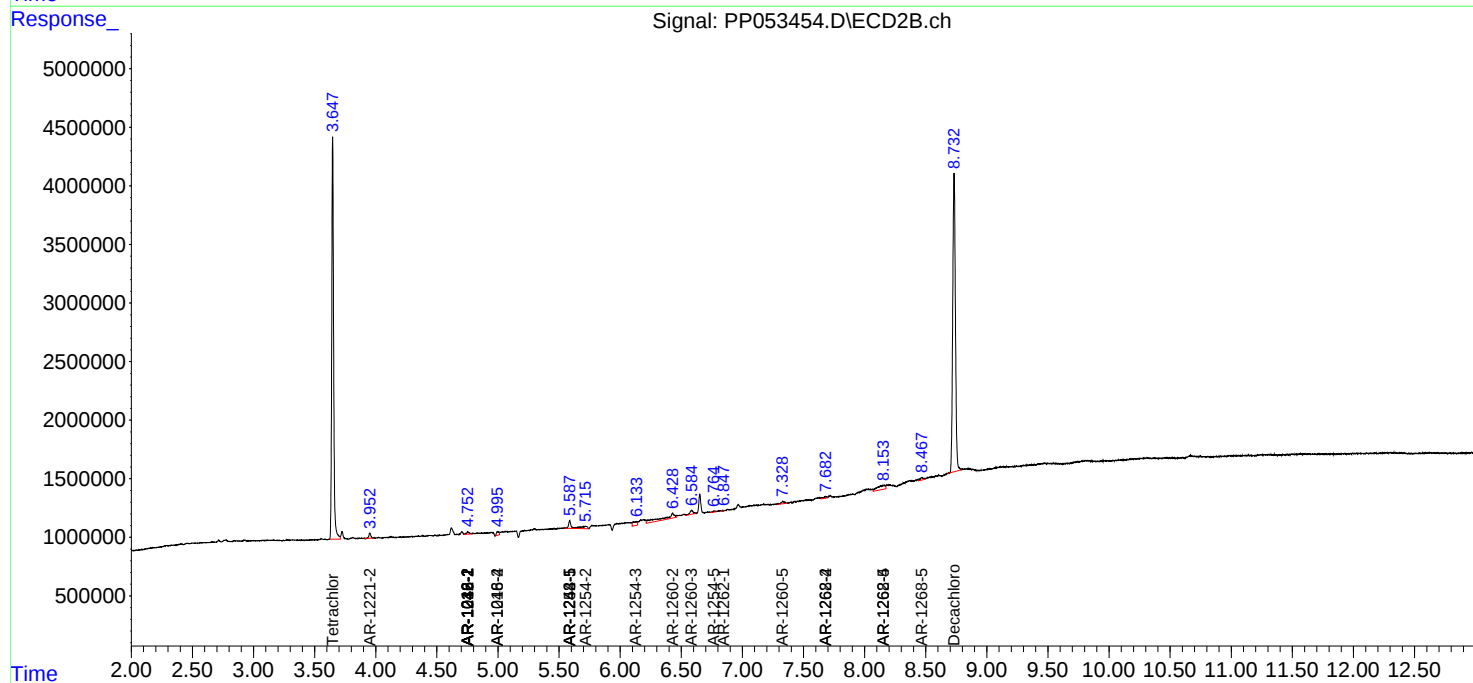
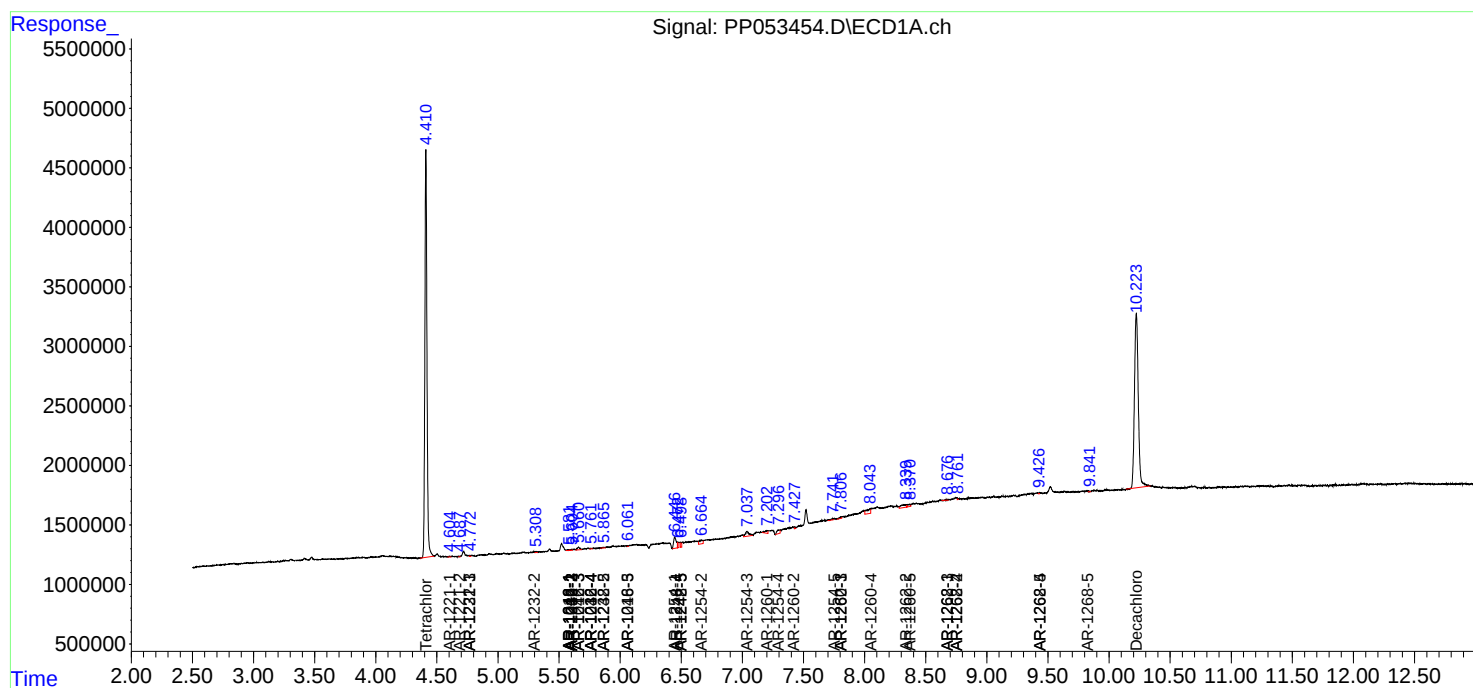
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

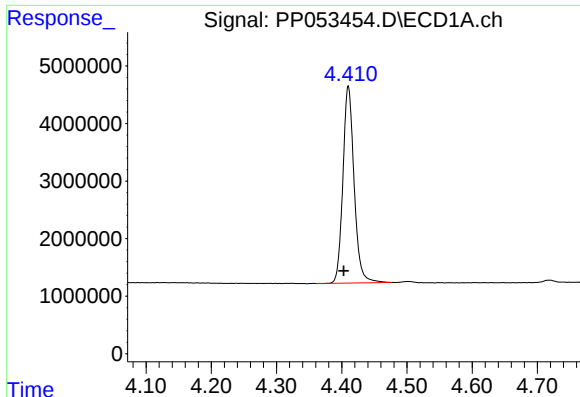
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

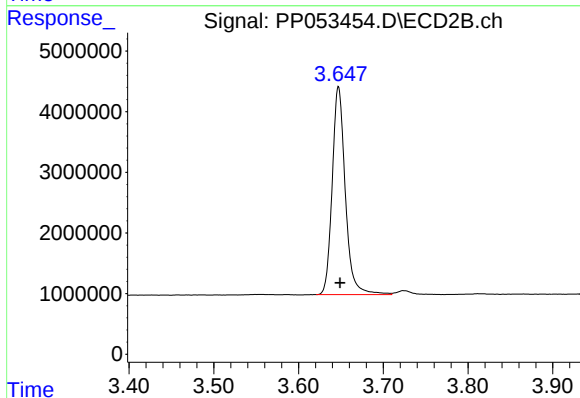




#1 Tetrachloro-m-xylene

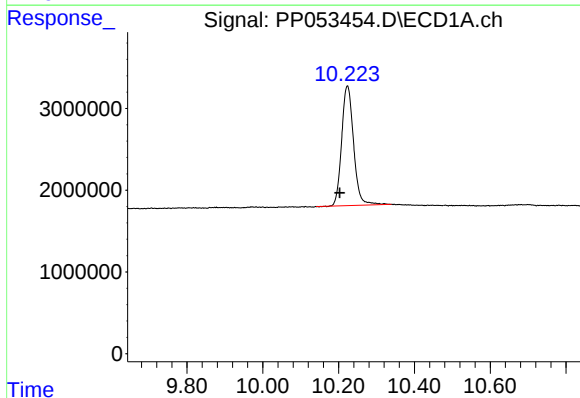
R.T.: 4.410 min
Delta R.T.: 0.007 min
Response: 40907936
Conc: 21.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



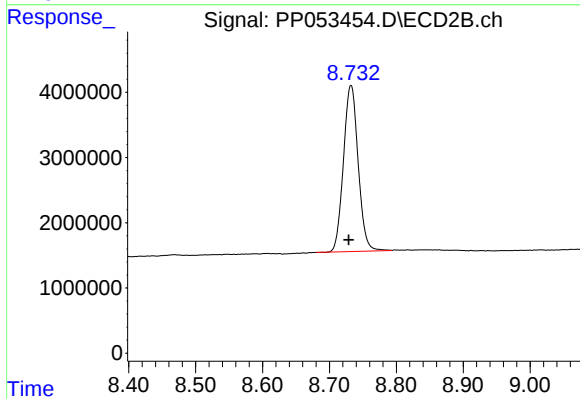
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 36885537
Conc: 24.52 ng/ml



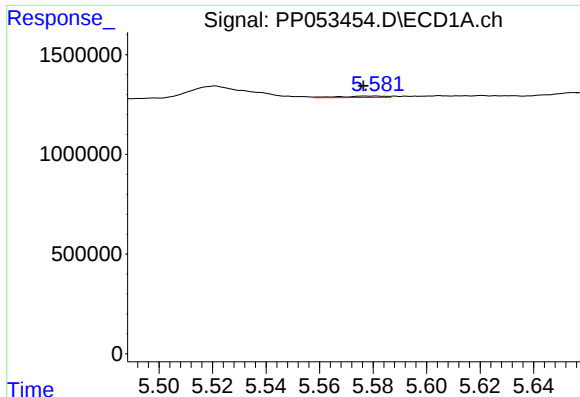
#2 Decachlorobiphenyl

R.T.: 10.223 min
Delta R.T.: 0.020 min
Response: 31901527
Conc: 23.53 ng/ml



#2 Decachlorobiphenyl

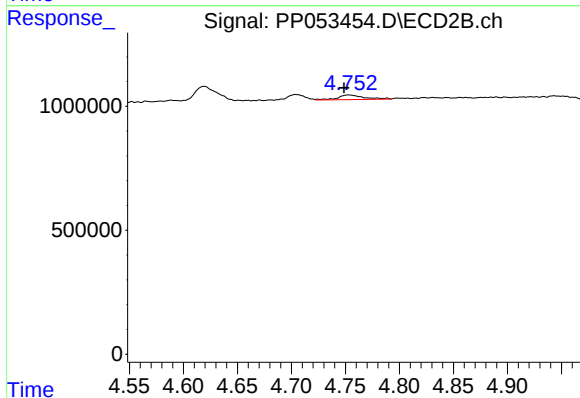
R.T.: 8.732 min
Delta R.T.: 0.004 min
Response: 38876785
Conc: 20.74 ng/ml



#3 AR-1016-1

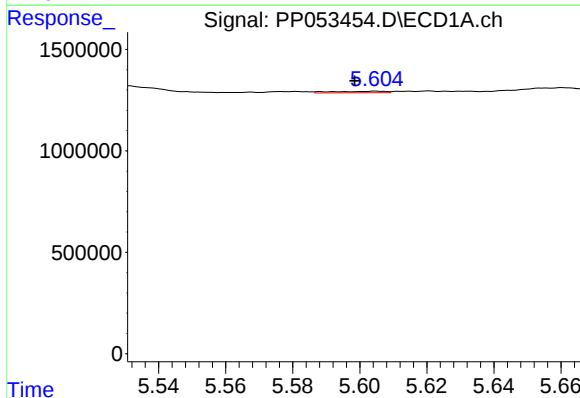
R.T.: 5.581 min
Delta R.T.: 0.004 min
Response: 88521
Conc: 1.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



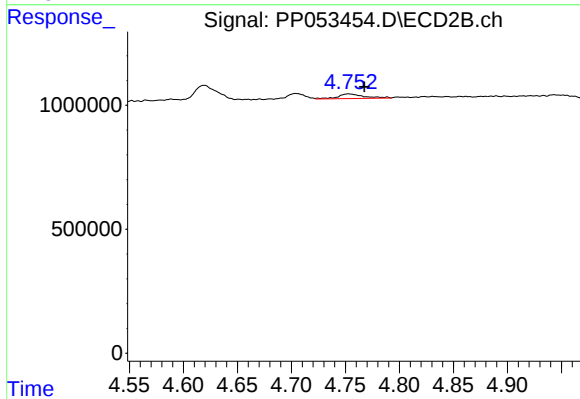
#3 AR-1016-1

R.T.: 4.753 min
Delta R.T.: 0.004 min
Response: 324240
Conc: 5.78 ng/ml



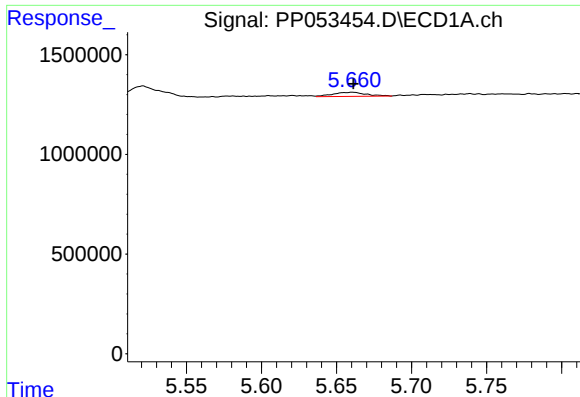
#4 AR-1016-2

R.T.: 5.605 min
Delta R.T.: 0.006 min
Response: 77903
Conc: 0.84 ng/ml



#4 AR-1016-2

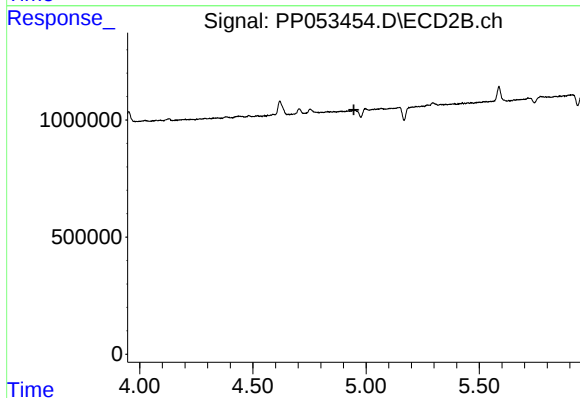
R.T.: 4.753 min
Delta R.T.: -0.015 min
Response: 324240
Conc: 4.18 ng/ml



#5 AR-1016-3

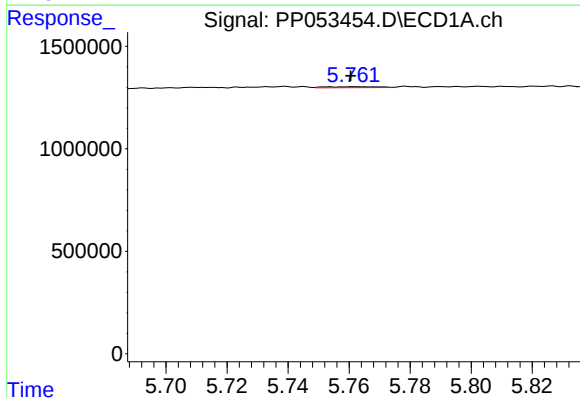
R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 316827
Conc: 5.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



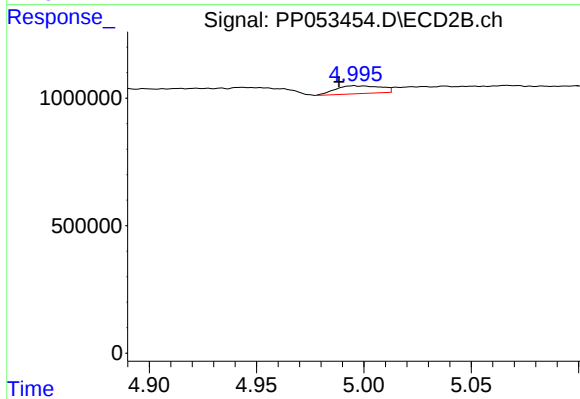
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



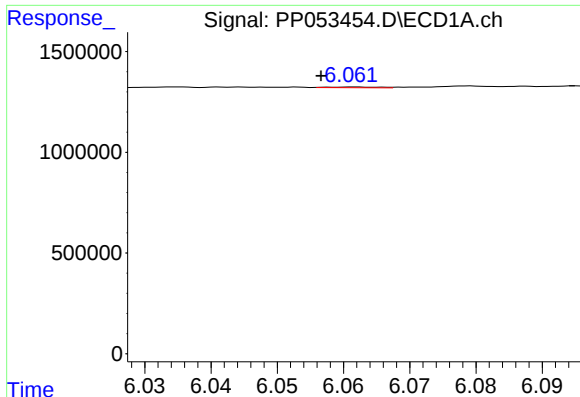
#6 AR-1016-4

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 57357
Conc: 1.26 ng/ml



#6 AR-1016-4

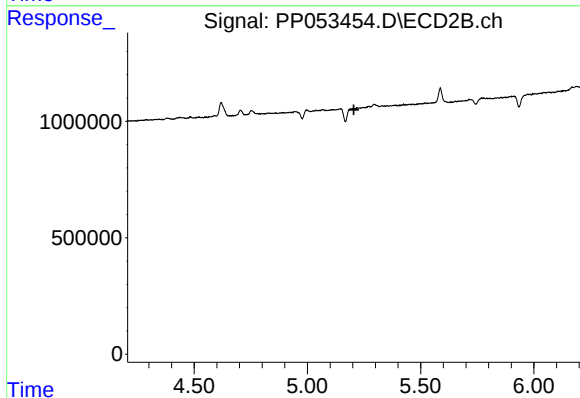
R.T.: 4.995 min
Delta R.T.: 0.007 min
Response: 455864
Conc: 13.04 ng/ml



#7 AR-1016-5

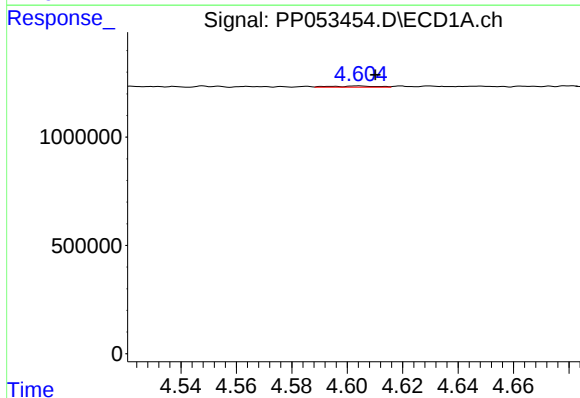
R.T.: 6.062 min
Delta R.T.: 0.005 min
Response: 19803
Conc: 0.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



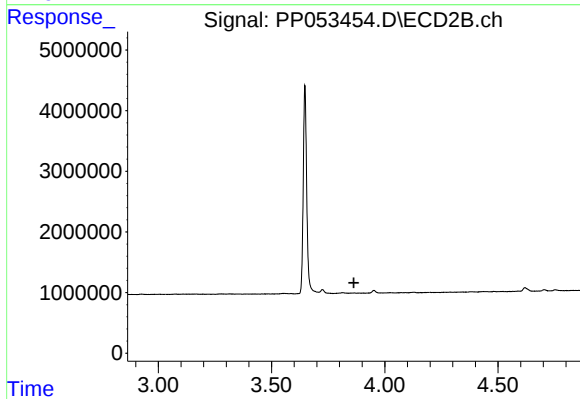
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



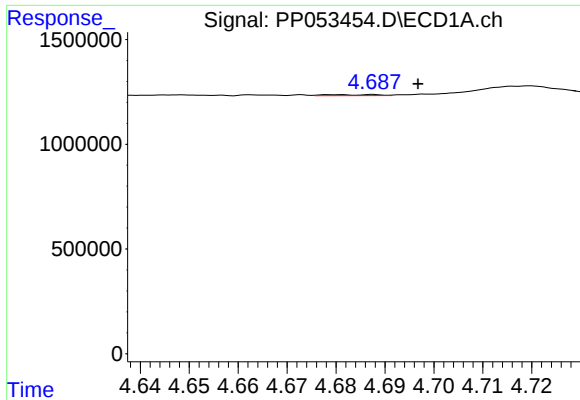
#8 AR-1221-1

R.T.: 4.604 min
Delta R.T.: -0.006 min
Response: 59708
Conc: 2.66 ng/ml



#8 AR-1221-1

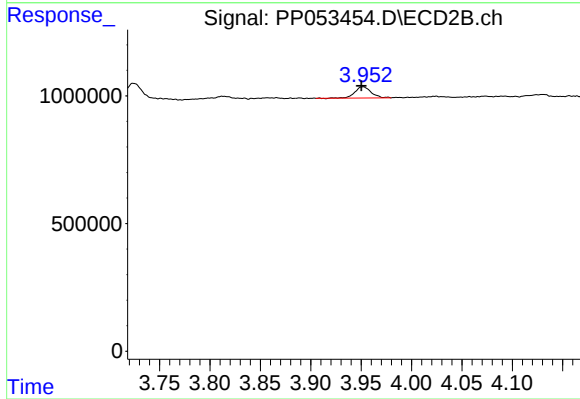
R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



#9 AR-1221-2

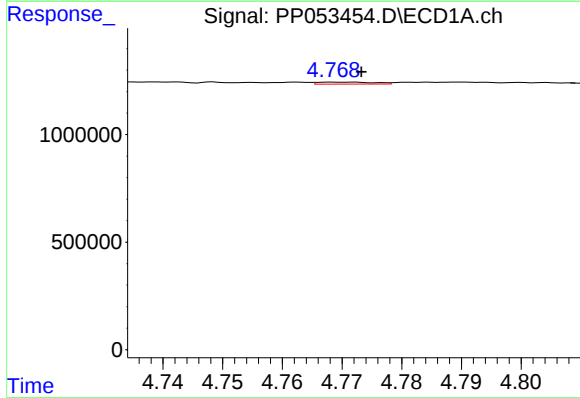
R.T.: 4.680 min
Delta R.T.: -0.017 min
Response: 36592
Conc: 2.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



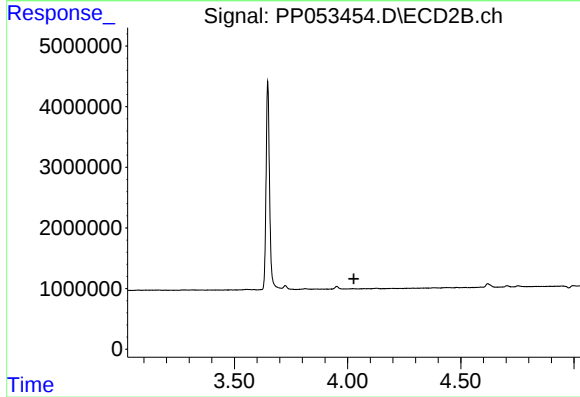
#9 AR-1221-2

R.T.: 3.952 min
Delta R.T.: 0.001 min
Response: 485035
Conc: 33.11 ng/ml



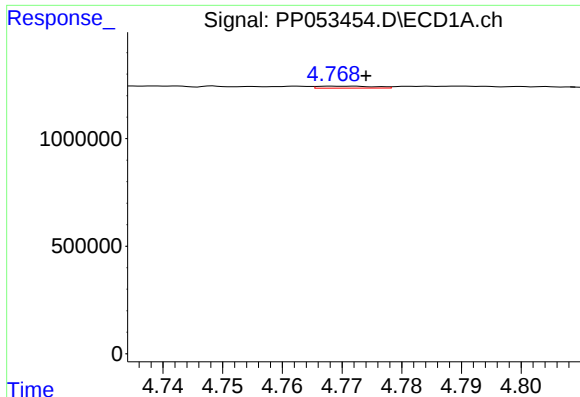
#10 AR-1221-3

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 61168
Conc: 1.21 ng/ml



#10 AR-1221-3

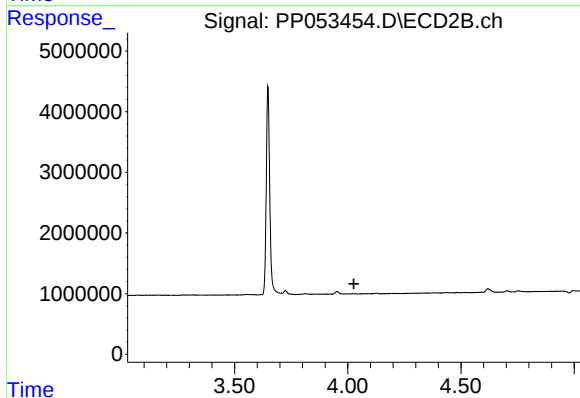
R.T.: 0.000 min
Exp R.T.: 4.028 min
Response: 0
Conc: N.D.



#11 AR-1232-1

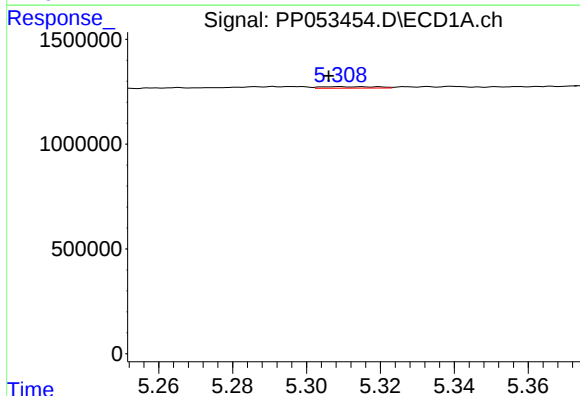
R.T.: 4.770 min
Delta R.T.: -0.004 min
Response: 61168
Conc: 1.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



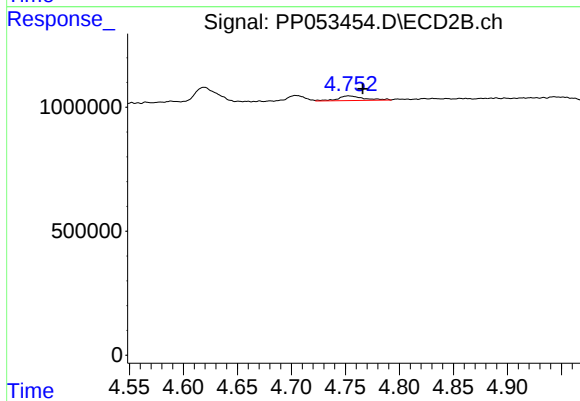
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.027 min
Response: 0
Conc: N.D.



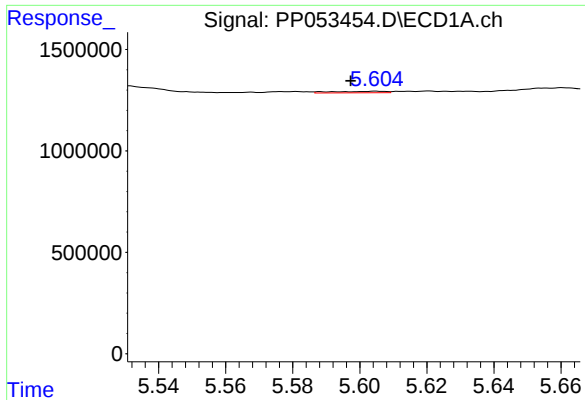
#12 AR-1232-2

R.T.: 5.309 min
Delta R.T.: 0.003 min
Response: 71526
Conc: 3.18 ng/ml



#12 AR-1232-2

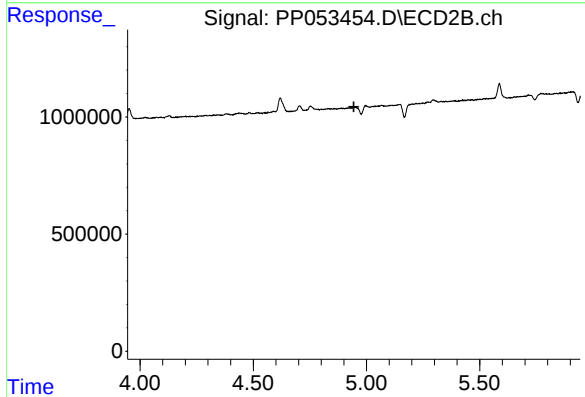
R.T.: 4.753 min
Delta R.T.: -0.013 min
Response: 324240
Conc: 9.32 ng/ml



#13 AR-1232-3

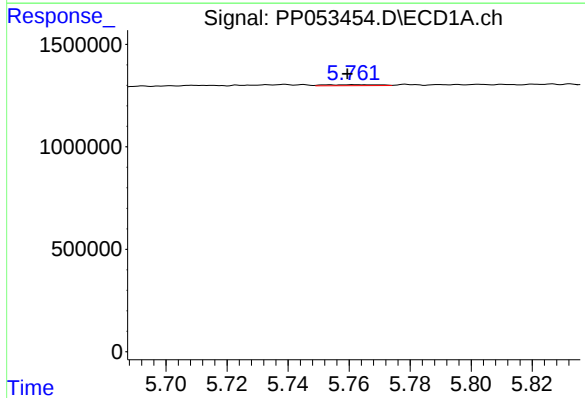
R.T.: 5.605 min
Delta R.T.: 0.008 min
Response: 77903
Conc: 1.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



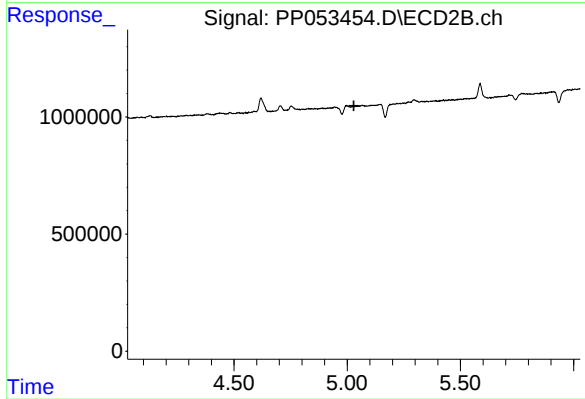
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.945 min
Response: 0
Conc: N.D.



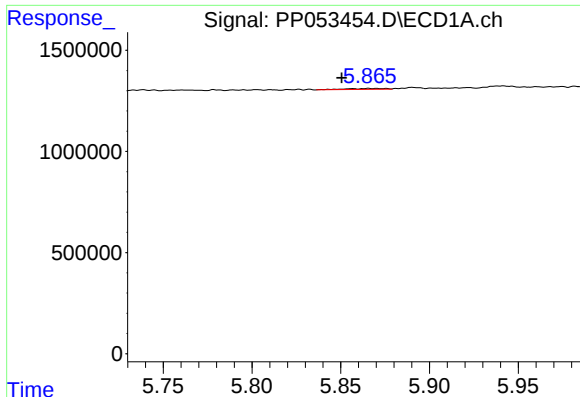
#14 AR-1232-4

R.T.: 5.761 min
Delta R.T.: 0.002 min
Response: 57357
Conc: 2.84 ng/ml



#14 AR-1232-4

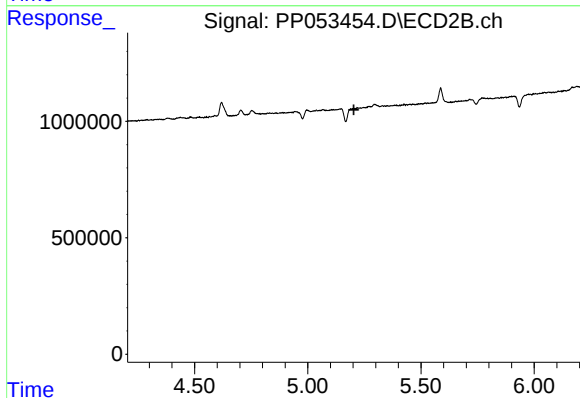
R.T.: 0.000 min
Exp R.T. : 5.029 min
Response: 0
Conc: N.D.



#15 AR-1232-5

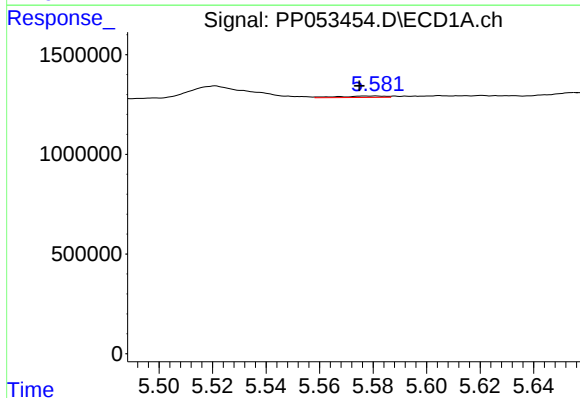
R.T.: 5.866 min
Delta R.T.: 0.015 min
Response: 69777
Conc: 4.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



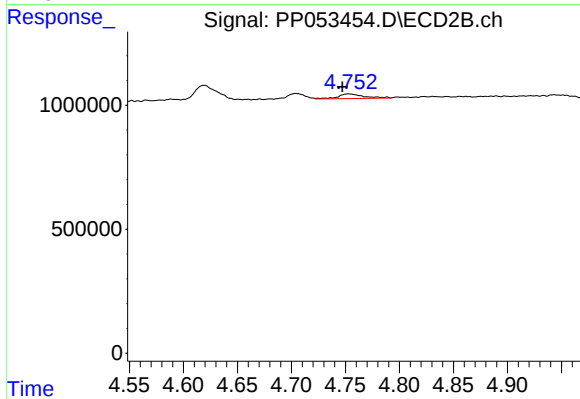
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.204 min
Response: 0
Conc: N.D.



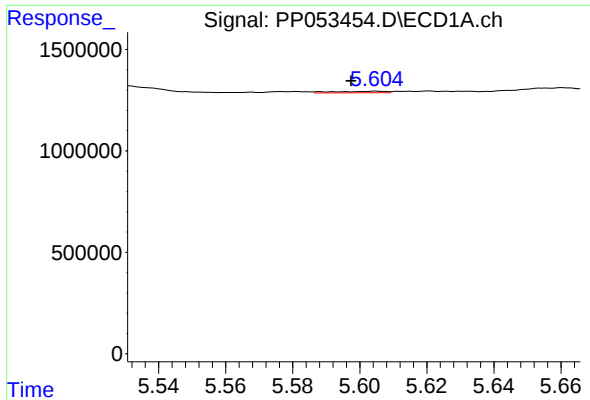
#16 AR-1242-1

R.T.: 5.581 min
Delta R.T.: 0.006 min
Response: 88521
Conc: 1.82 ng/ml



#16 AR-1242-1

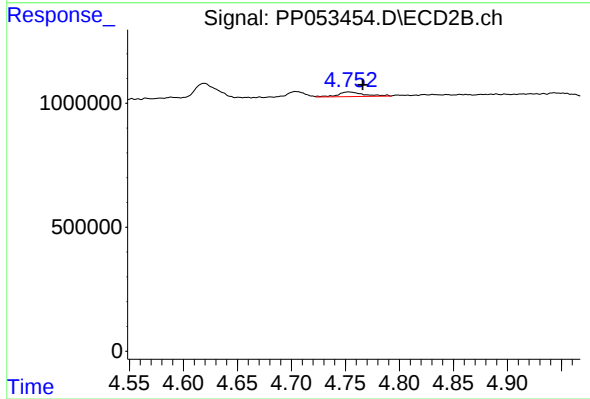
R.T.: 4.753 min
Delta R.T.: 0.006 min
Response: 324240
Conc: 7.35 ng/ml



#17 AR-1242-2

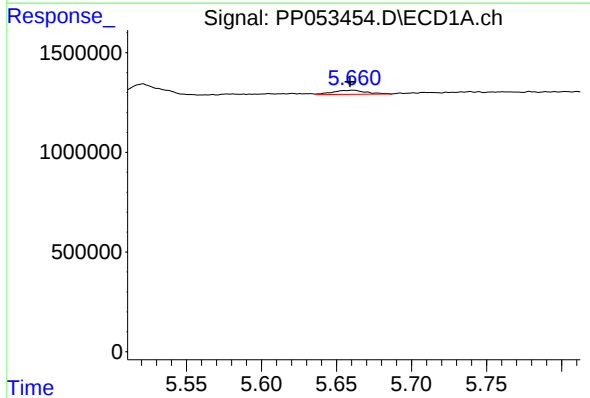
R.T.: 5.605 min
Delta R.T.: 0.008 min
Response: 77903
Conc: 1.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



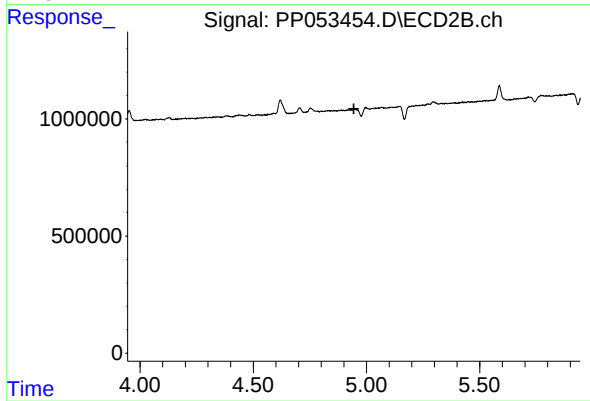
#17 AR-1242-2

R.T.: 4.753 min
Delta R.T.: -0.013 min
Response: 324240
Conc: 5.24 ng/ml



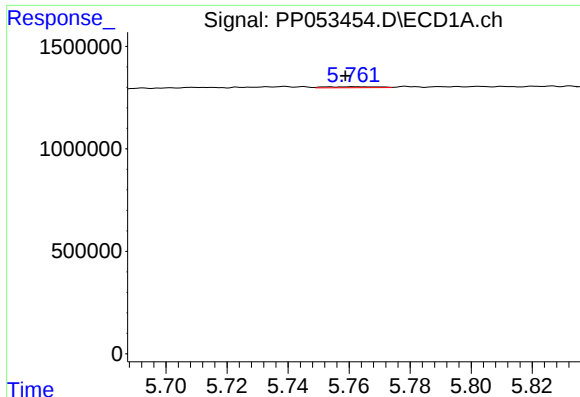
#18 AR-1242-3

R.T.: 5.661 min
Delta R.T.: 0.002 min
Response: 316827
Conc: 7.07 ng/ml



#18 AR-1242-3

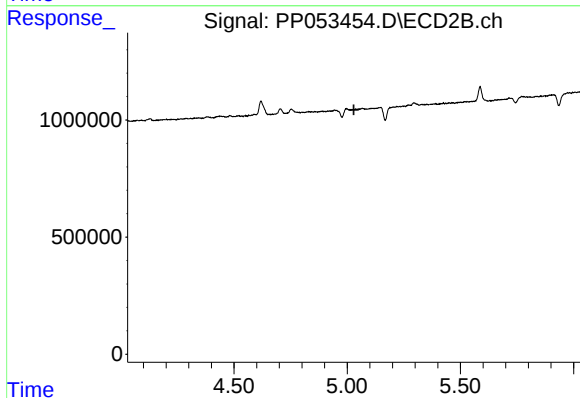
R.T.: 0.000 min
Exp R.T.: 4.945 min
Response: 0
Conc: N.D.



#19 AR-1242-4

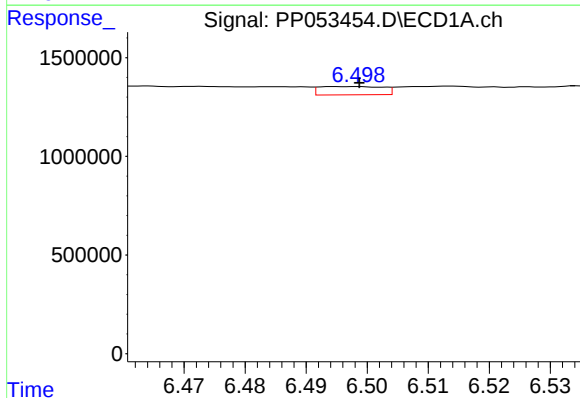
R.T.: 5.761 min
Delta R.T.: 0.002 min
Response: 57357
Conc: 1.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



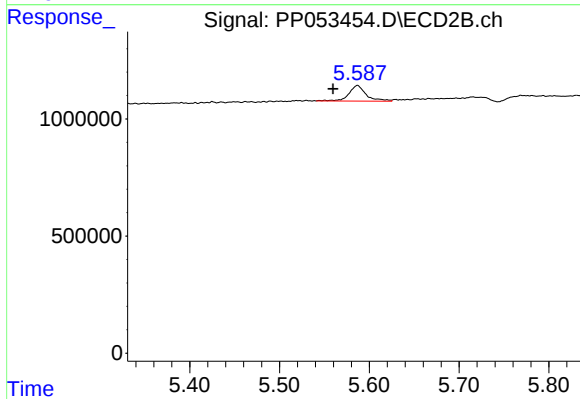
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.029 min
Response: 0
Conc: N.D.



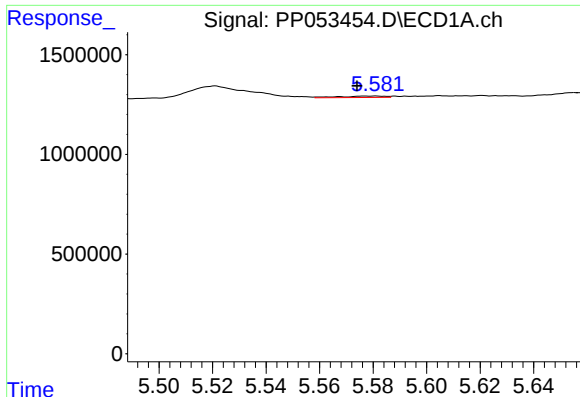
#20 AR-1242-5

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 300865
Conc: 8.24 ng/ml



#20 AR-1242-5

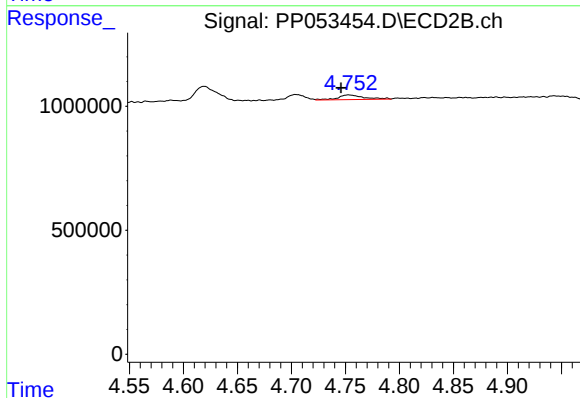
R.T.: 5.587 min
Delta R.T.: 0.027 min
Response: 876402
Conc: 20.01 ng/ml



#21 AR-1248-1

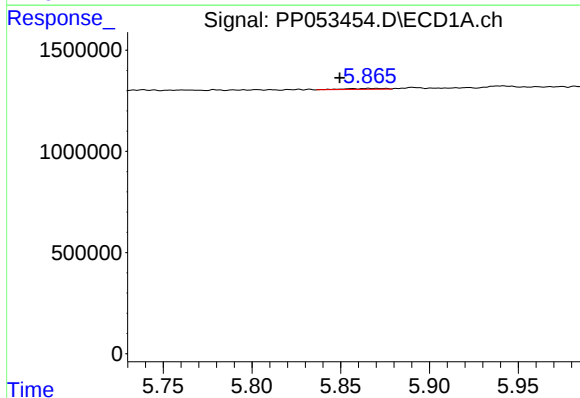
R.T.: 5.581 min
Delta R.T.: 0.007 min
Response: 88521
Conc: 2.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



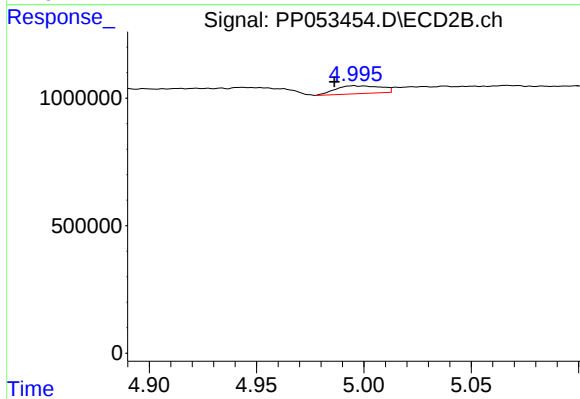
#21 AR-1248-1

R.T.: 4.753 min
Delta R.T.: 0.007 min
Response: 324240
Conc: 9.46 ng/ml



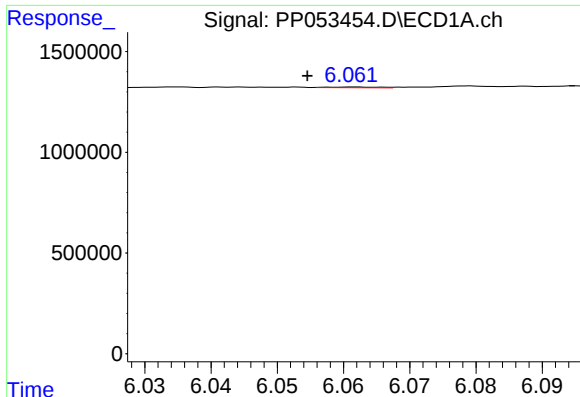
#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: 0.017 min
Response: 69777
Conc: 1.28 ng/ml



#22 AR-1248-2

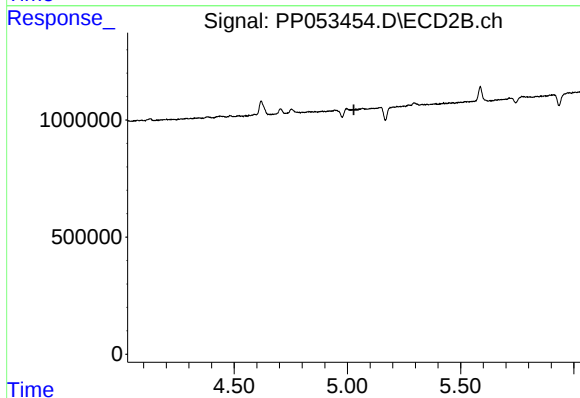
R.T.: 4.995 min
Delta R.T.: 0.009 min
Response: 455864
Conc: 9.49 ng/ml



#23 AR-1248-3

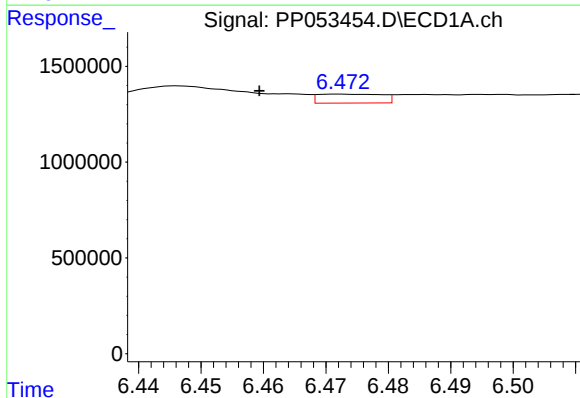
R.T.: 6.062 min
Delta R.T.: 0.007 min
Response: 19803
Conc: 0.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



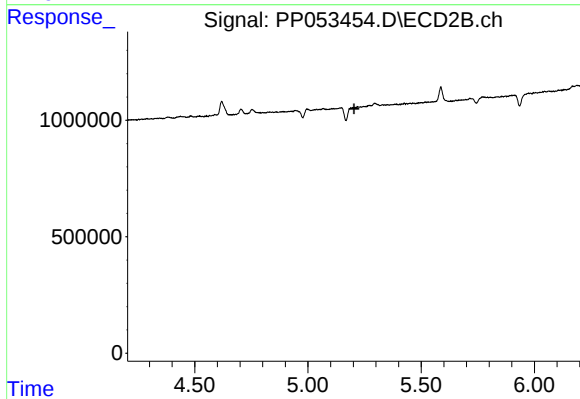
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.029 min
Response: 0
Conc: N.D.



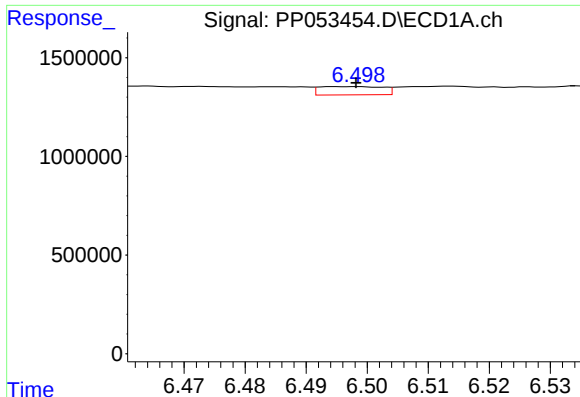
#24 AR-1248-4

R.T.: 6.472 min
Delta R.T.: 0.013 min
Response: 335643
Conc: 5.44 ng/ml



#24 AR-1248-4

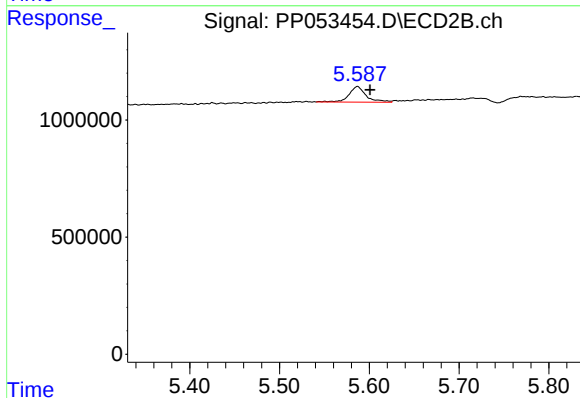
R.T.: 0.000 min
Exp R.T. : 5.203 min
Response: 0
Conc: N.D.



#25 AR-1248-5

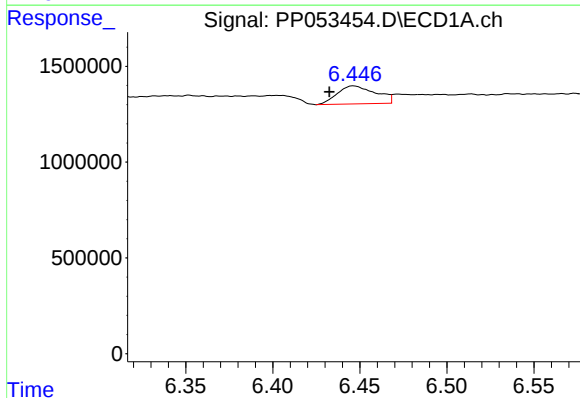
R.T.: 6.497 min
Delta R.T.: -0.001 min
Response: 300865
Conc: 4.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



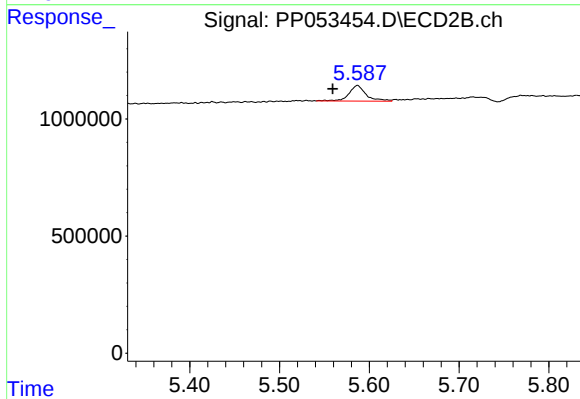
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.014 min
Response: 876402
Conc: 15.93 ng/ml



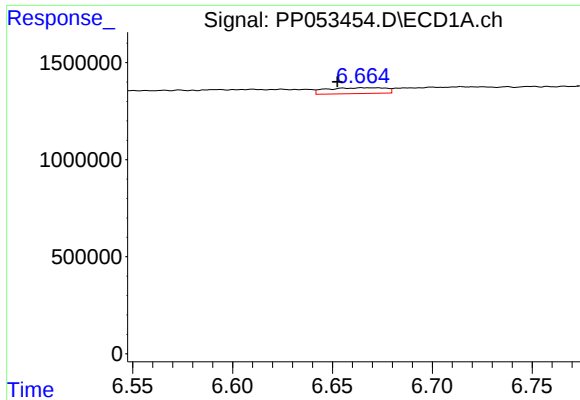
#26 AR-1254-1

R.T.: 6.446 min
Delta R.T.: 0.014 min
Response: 1455539
Conc: 20.59 ng/ml



#26 AR-1254-1

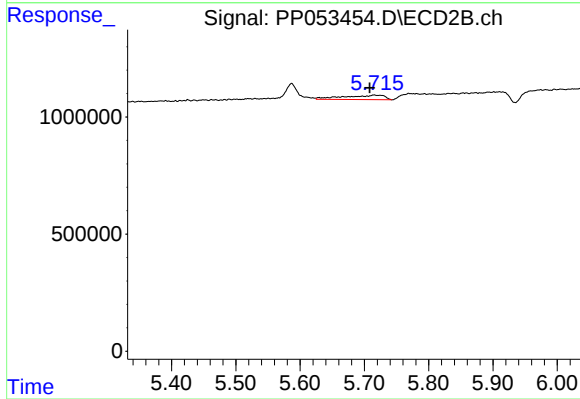
R.T.: 5.587 min
Delta R.T.: 0.028 min
Response: 876402
Conc: 9.67 ng/ml



#27 AR-1254-2

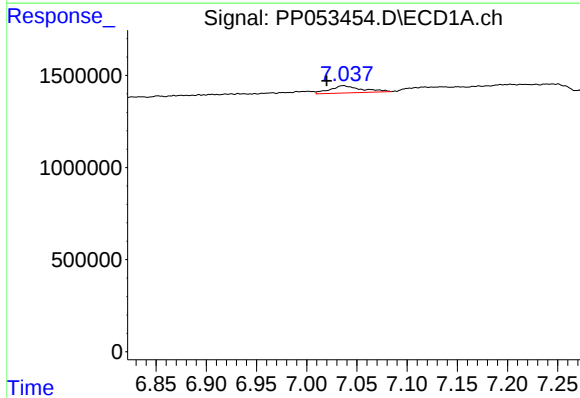
R.T.: 6.665 min
Delta R.T.: 0.012 min
Response: 618951
Conc: 5.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



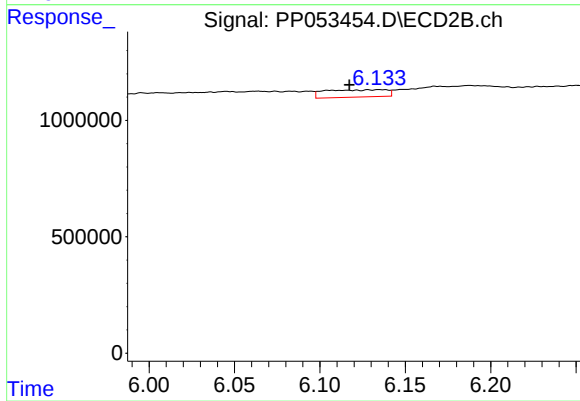
#27 AR-1254-2

R.T.: 5.715 min
Delta R.T.: 0.007 min
Response: 841104
Conc: 10.36 ng/ml



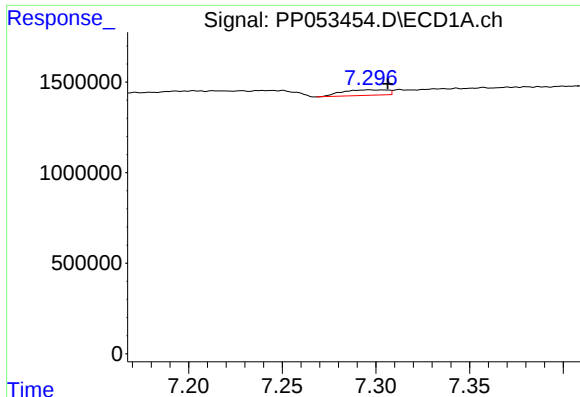
#28 AR-1254-3

R.T.: 7.036 min
Delta R.T.: 0.016 min
Response: 859049
Conc: 8.37 ng/ml



#28 AR-1254-3

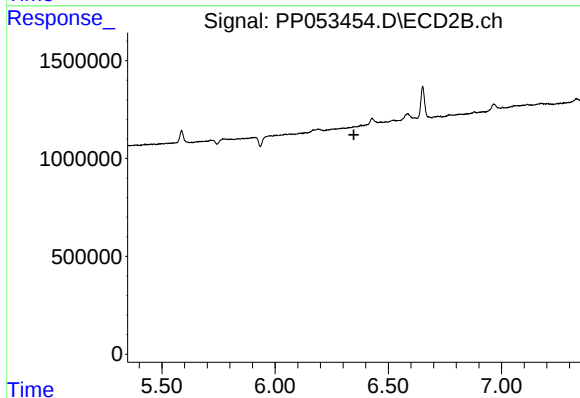
R.T.: 6.135 min
Delta R.T.: 0.018 min
Response: 789839
Conc: 6.21 ng/ml



#29 AR-1254-4

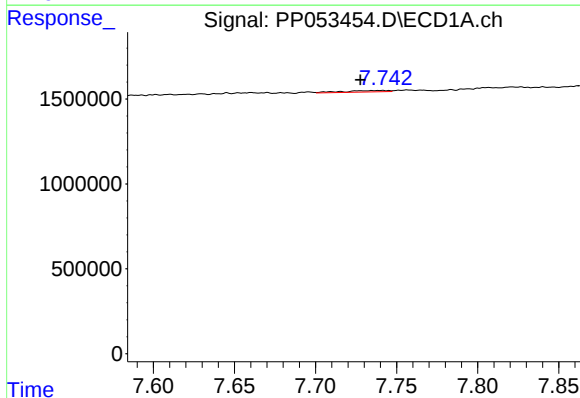
R.T.: 7.296 min
Delta R.T.: -0.010 min
Response: 509848
Conc: 7.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



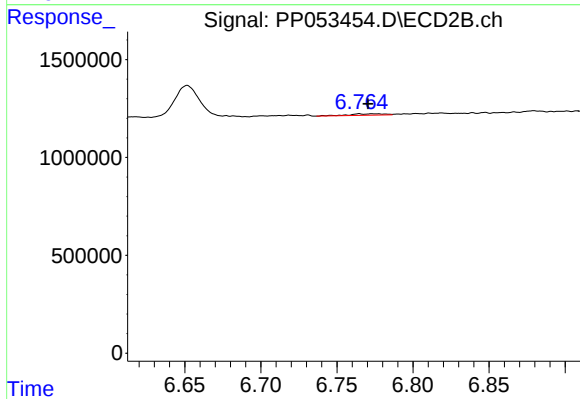
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.348 min
Response: 0
Conc: N.D.



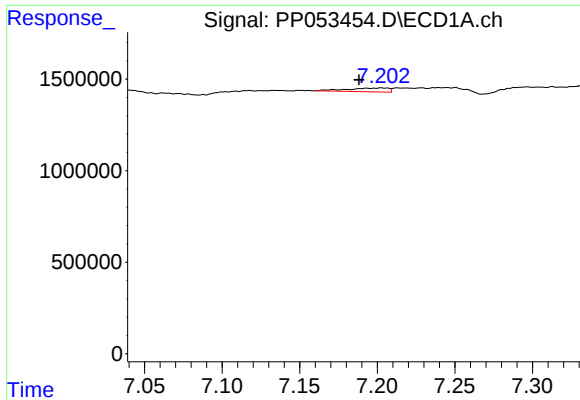
#30 AR-1254-5

R.T.: 7.741 min
Delta R.T.: 0.013 min
Response: 168882
Conc: 2.13 ng/ml



#30 AR-1254-5

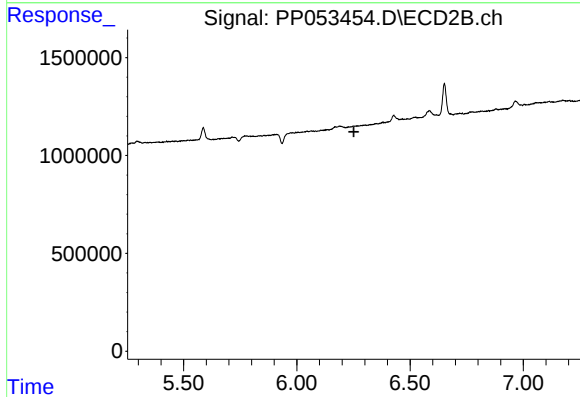
R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 114111
Conc: 0.90 ng/ml



#31 AR-1260-1

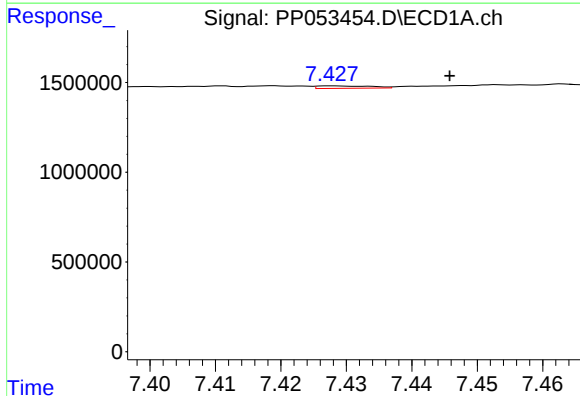
R.T.: 7.203 min
Delta R.T.: 0.015 min
Response: 385603
Conc: 4.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



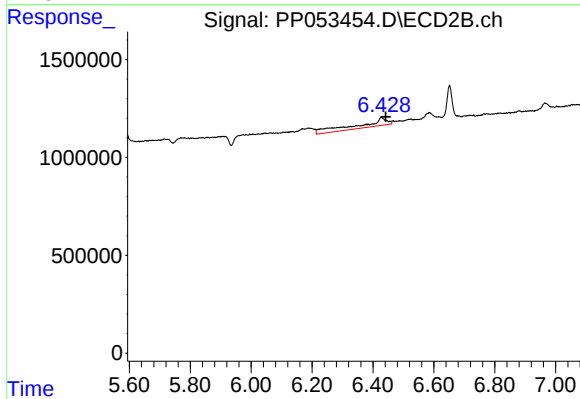
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.252 min
Response: 0
Conc: N.D.



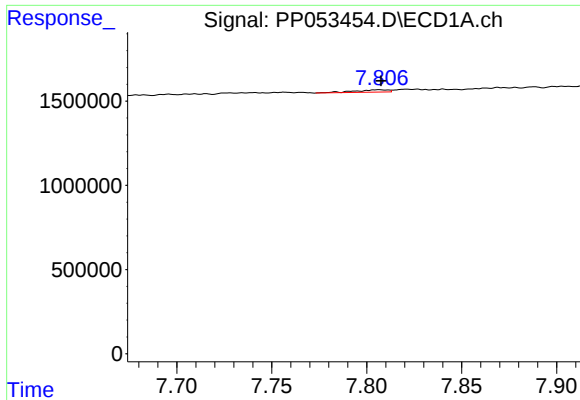
#32 AR-1260-2

R.T.: 7.428 min
Delta R.T.: -0.018 min
Response: 74540
Conc: 0.80 ng/ml



#32 AR-1260-2

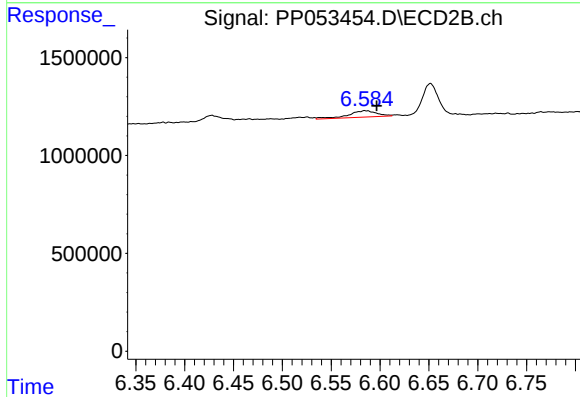
R.T.: 6.428 min
Delta R.T.: -0.014 min
Response: 2758245
Conc: 23.97 ng/ml



#33 AR-1260-3

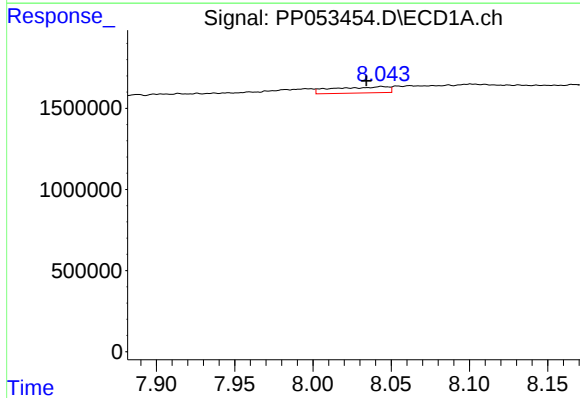
R.T.: 7.806 min
Delta R.T.: -0.001 min
Response: 161285
Conc: 2.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



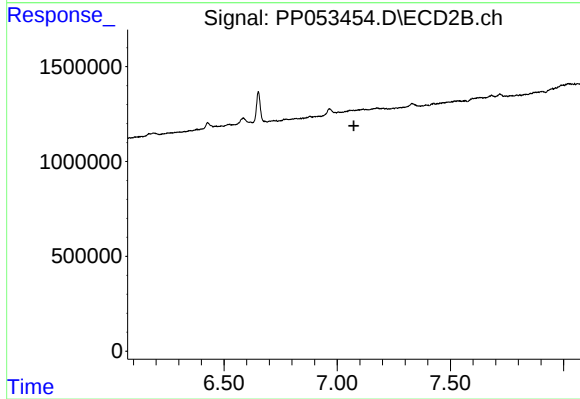
#33 AR-1260-3

R.T.: 6.584 min
Delta R.T.: -0.012 min
Response: 653629
Conc: 6.09 ng/ml



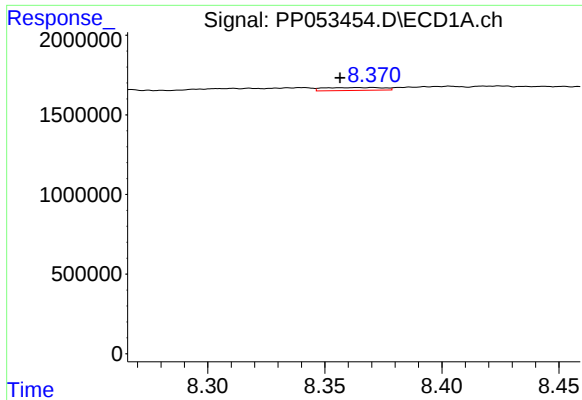
#34 AR-1260-4

R.T.: 8.044 min
Delta R.T.: 0.010 min
Response: 941963
Conc: 12.57 ng/ml



#34 AR-1260-4

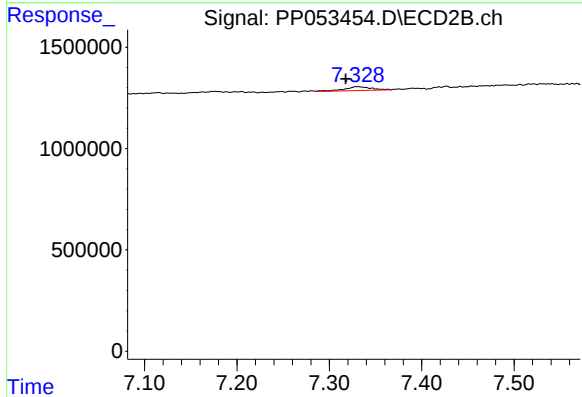
R.T.: 0.000 min
Exp R.T.: 7.074 min
Response: 0
Conc: N.D.



#35 AR-1260-5

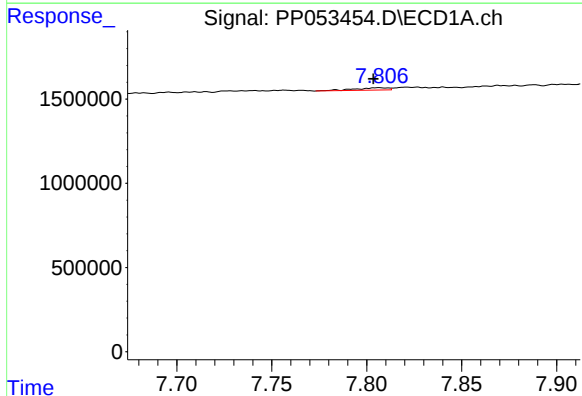
R.T.: 8.371 min
Delta R.T.: 0.014 min
Response: 316243
Conc: 2.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



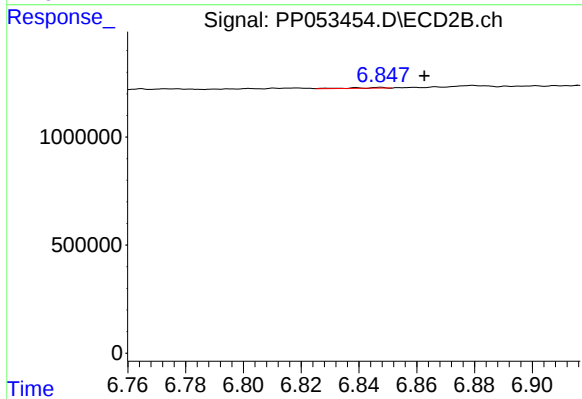
#35 AR-1260-5

R.T.: 7.330 min
Delta R.T.: 0.012 min
Response: 380407
Conc: 2.01 ng/ml



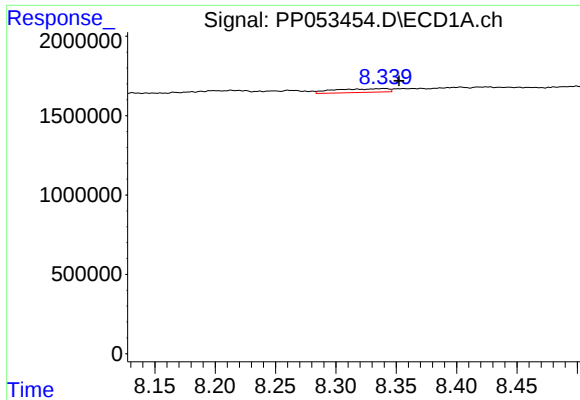
#36 AR-1262-1

R.T.: 7.806 min
Delta R.T.: 0.003 min
Response: 161285
Conc: 1.68 ng/ml



#36 AR-1262-1

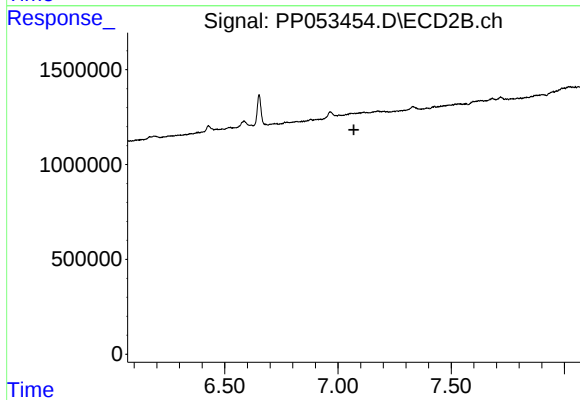
R.T.: 6.847 min
Delta R.T.: -0.015 min
Response: 25625
Conc: 0.49 ng/ml



#37 AR-1262-2

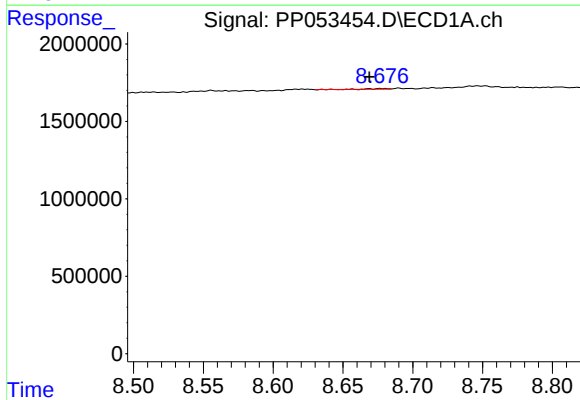
R.T.: 8.340 min
Delta R.T.: -0.012 min
Response: 730638
Conc: 4.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



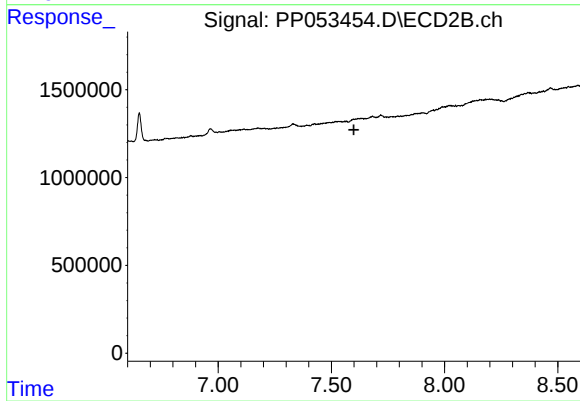
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.070 min
Response: 0
Conc: N.D.



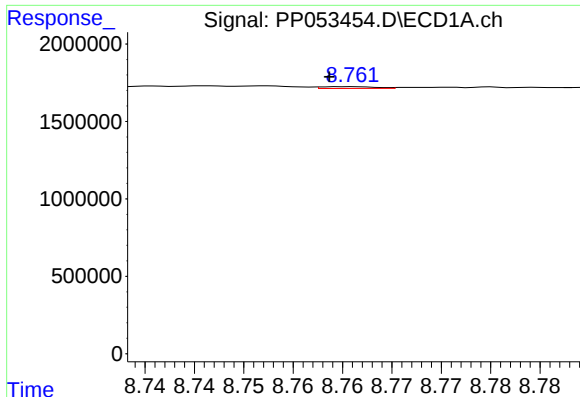
#38 AR-1262-3

R.T.: 8.677 min
Delta R.T.: 0.008 min
Response: 45463
Conc: 0.44 ng/ml



#38 AR-1262-3

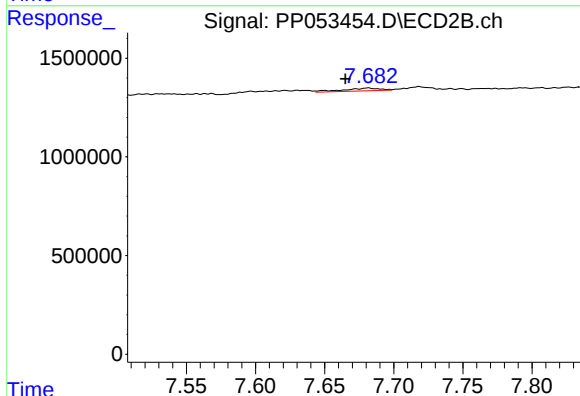
R.T.: 0.000 min
Exp R.T. : 7.600 min
Response: 0
Conc: N.D.



#39 AR-1262-4

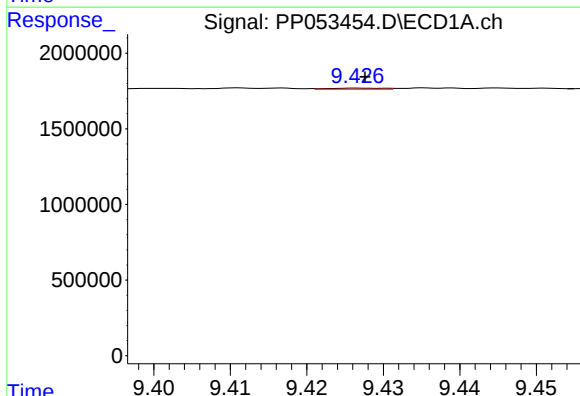
R.T.: 8.760 min
Delta R.T.: 0.002 min
Response: 44884
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



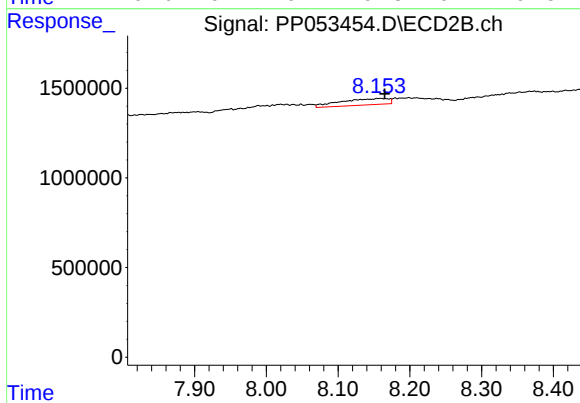
#39 AR-1262-4

R.T.: 7.681 min
Delta R.T.: 0.016 min
Response: 258016
Conc: 1.57 ng/ml



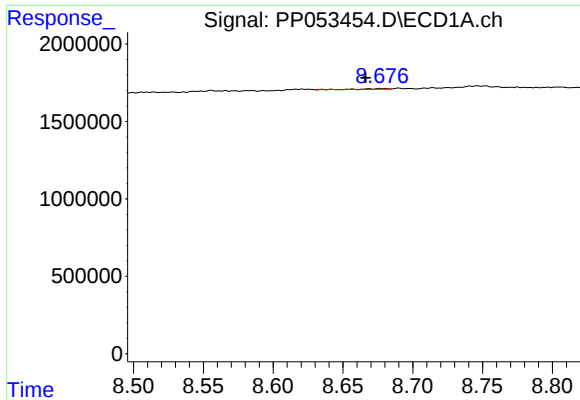
#40 AR-1262-5

R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 35442
Conc: 0.70 ng/ml



#40 AR-1262-5

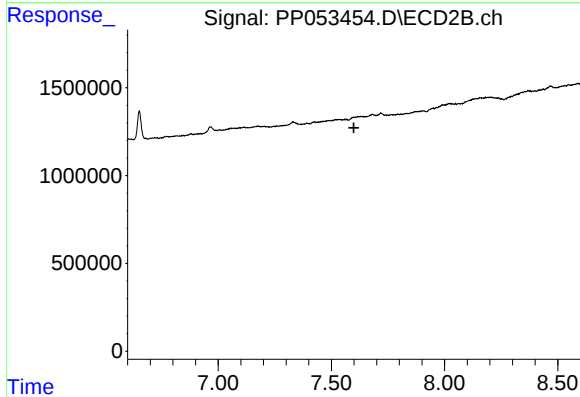
R.T.: 8.159 min
Delta R.T.: -0.006 min
Response: 1650859
Conc: 21.73 ng/ml



#41 AR-1268-1

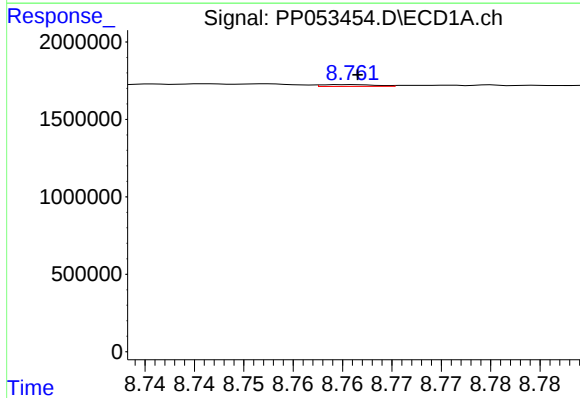
R.T.: 8.677 min
Delta R.T.: 0.011 min
Response: 45463
Conc: 0.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



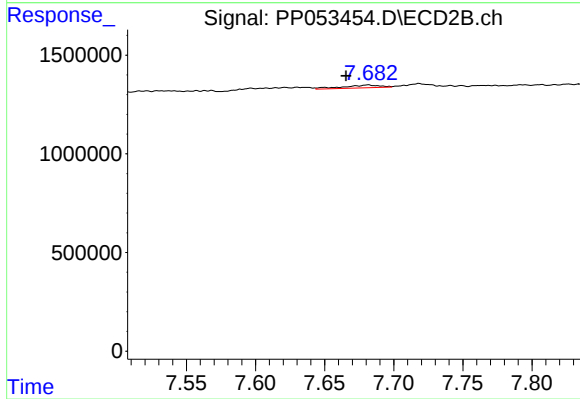
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.600 min
Response: 0
Conc: N.D.



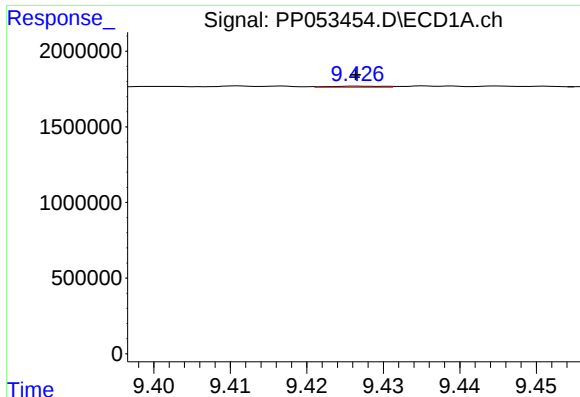
#42 AR-1268-2

R.T.: 8.760 min
Delta R.T.: -0.001 min
Response: 44884
Conc: 0.26 ng/ml



#42 AR-1268-2

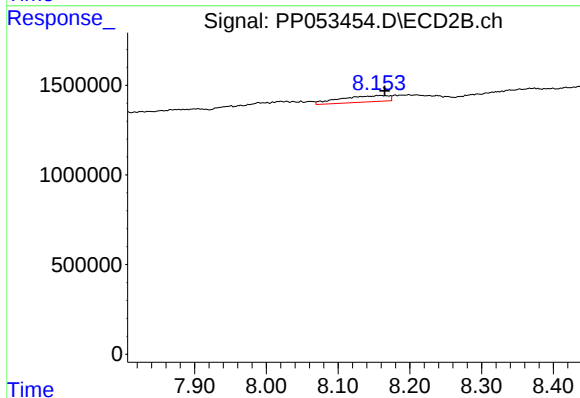
R.T.: 7.681 min
Delta R.T.: 0.016 min
Response: 258016
Conc: 1.08 ng/ml



#44 AR-1268-4

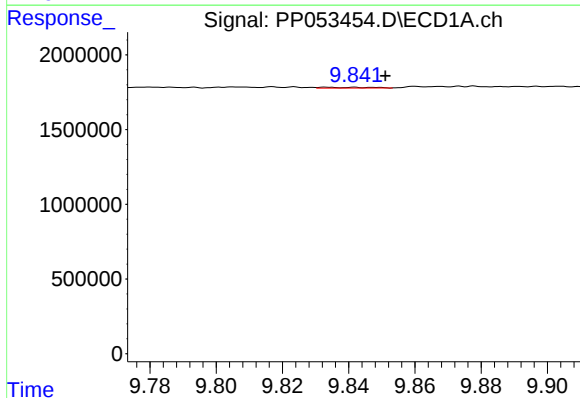
R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 35442
Conc: 0.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



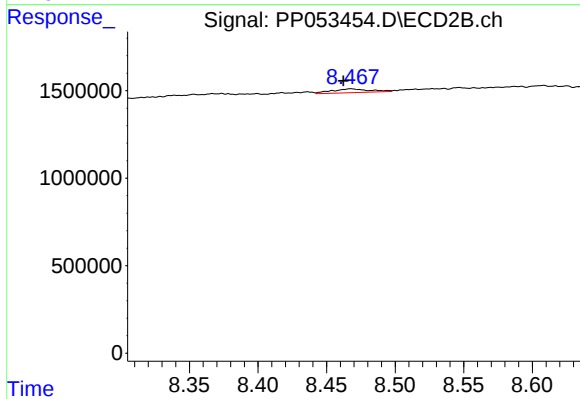
#44 AR-1268-4

R.T.: 8.159 min
Delta R.T.: -0.006 min
Response: 1650859
Conc: 20.06 ng/ml



#45 AR-1268-5

R.T.: 9.833 min
Delta R.T.: -0.018 min
Response: 49043
Conc: 0.11 ng/ml



#45 AR-1268-5

R.T.: 8.468 min
Delta R.T.: 0.006 min
Response: 414402
Conc: 0.62 ng/ml