

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 01:50
 Operator : YP\AJ
 Sample : 04487-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 02:12:35 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...	4.516	3.680	28320889	20723779	13.614	12.723
2)	SA Decachlor...	10.429	8.746	29946690	28185297	19.633	18.614
Target Compounds							
3)	L1 AR-1016-1	0.000	4.778	0	351424	N.D.	5.846 #
4)	L1 AR-1016-2	0.000	4.795	0	515690	N.D.	6.213 #
5)	L1 AR-1016-3	5.793	0.000	259285	0	4.356	N.D. #
6)	L1 AR-1016-4	0.000	5.027	0	1038335	N.D.	29.432 #
7)	L1 AR-1016-5	6.194	5.240	1443718	176189	29.363	3.789 #
8)	L2 AR-1221-1	4.698f	3.912f	2870774	200178	107.992	9.114 #
9)	L2 AR-1221-2	4.830f	3.988	741732	1291339	37.684	83.642 #
10)	L2 AR-1221-3	4.900	4.057	1862588	351012	32.609	7.484 #
11)	L3 AR-1232-1	4.900	4.057	1862588	351012	39.923	9.234 #
12)	L3 AR-1232-2	5.417	4.795	8986587	515690	353.820	13.986 #
14)	L3 AR-1232-4	0.000	5.051	0	81298	N.D.	4.451 #
15)	L3 AR-1232-5	5.987	5.240	1607586	176189	87.629	8.788 #
16)	L4 AR-1242-1	0.000	4.778	0	351424	N.D.	6.673 #
17)	L4 AR-1242-2	0.000	4.795	0	515690	N.D.	7.157 #
18)	L4 AR-1242-3	5.793	0.000	259285	0	4.957	N.D. #
19)	L4 AR-1242-4	0.000	5.051	0	81298	N.D.	2.074 #
20)	L4 AR-1242-5	6.644	5.595	1414761	2251867	30.944	46.545 #
21)	L5 AR-1248-1	0.000	4.778	0	351424	N.D.	8.994 #
22)	L5 AR-1248-2	5.987	5.027	1607586	1038335	24.822	19.163
23)	L5 AR-1248-3	6.194	5.051	1443718	81298	20.385	1.429 #
24)	L5 AR-1248-4	6.577	5.240	3572075	176189	46.184	2.623 #
25)	L5 AR-1248-5	6.644	5.638	1414761	427919	18.803	6.487 #
26)	L6 AR-1254-1	6.577	5.595	3572075	2251867	44.742	22.439 #
27)	L6 AR-1254-2	6.795	5.743	2269422	1445385	18.948	16.637
28)	L6 AR-1254-3	7.164	6.149	2171691	3734479	17.877	26.599 #
29)	L6 AR-1254-4	7.452	6.376	2579772	1268983	29.009	15.075 #
30)	L6 AR-1254-5	7.874	6.797	9969409	3217646	102.487	27.126 #
31)	L7 AR-1260-1	7.330	6.280	2544412	4170466	28.228	44.788 #
32)	L7 AR-1260-2	7.589	6.469	3528535	3116566	34.395	28.426
33)	L7 AR-1260-3	7.950	6.629	4385613	6192344	55.684	60.205
34)	L7 AR-1260-4	8.181	7.096	4886779	1370545	54.528	16.456 #
35)	L7 AR-1260-5	8.514	7.338	1951743	3820124	11.436	19.855 #
36)	L8 AR-1262-1	7.950	6.893	4385613	530709	37.894	10.515 #
37)	L8 AR-1262-2	8.514	7.096	1951743	1370545	9.749	12.131
38)	L8 AR-1262-3	8.848	0.000	328.8E6	0	2283.483	N.D. #
39)	L8 AR-1262-4	0.000	7.687	0	2440569	N.D.	14.945 #
40)	L8 AR-1262-5	0.000	8.185	0	797656	N.D.	10.686 #
41)	L9 AR-1268-1	8.848	0.000	328.8E6	0	1311.319	N.D. #
42)	L9 AR-1268-2	0.000	7.687	0	2440569	N.D.	10.557 #

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Integration File signal 1: autoint1.e
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 Quant Time: Sep 20 02:12:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
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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	7.908	0	1044307	N.D.	5.115 #
44) L9	AR-1268-4	0.000	8.185	0	797656	N.D.	9.879 #
45) L9	AR-1268-5	10.074	8.482	493213	537110	0.815	0.850

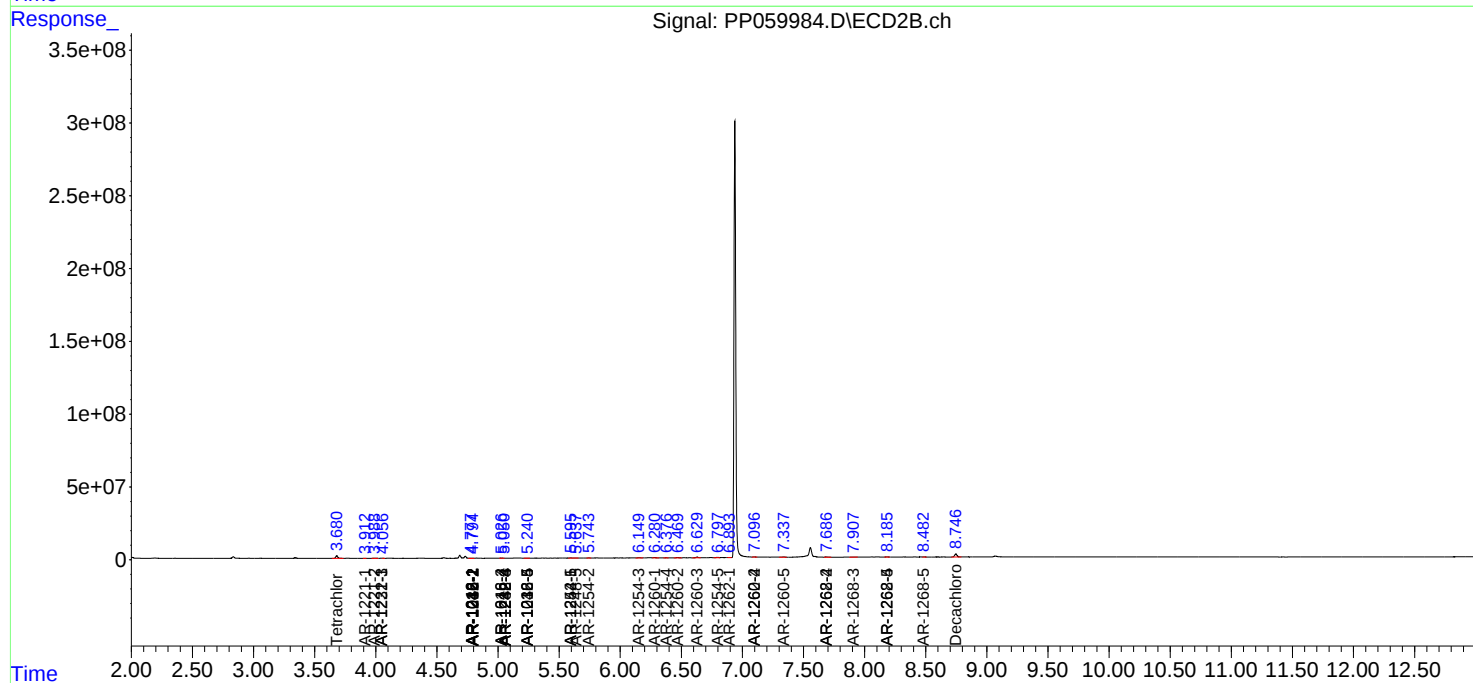
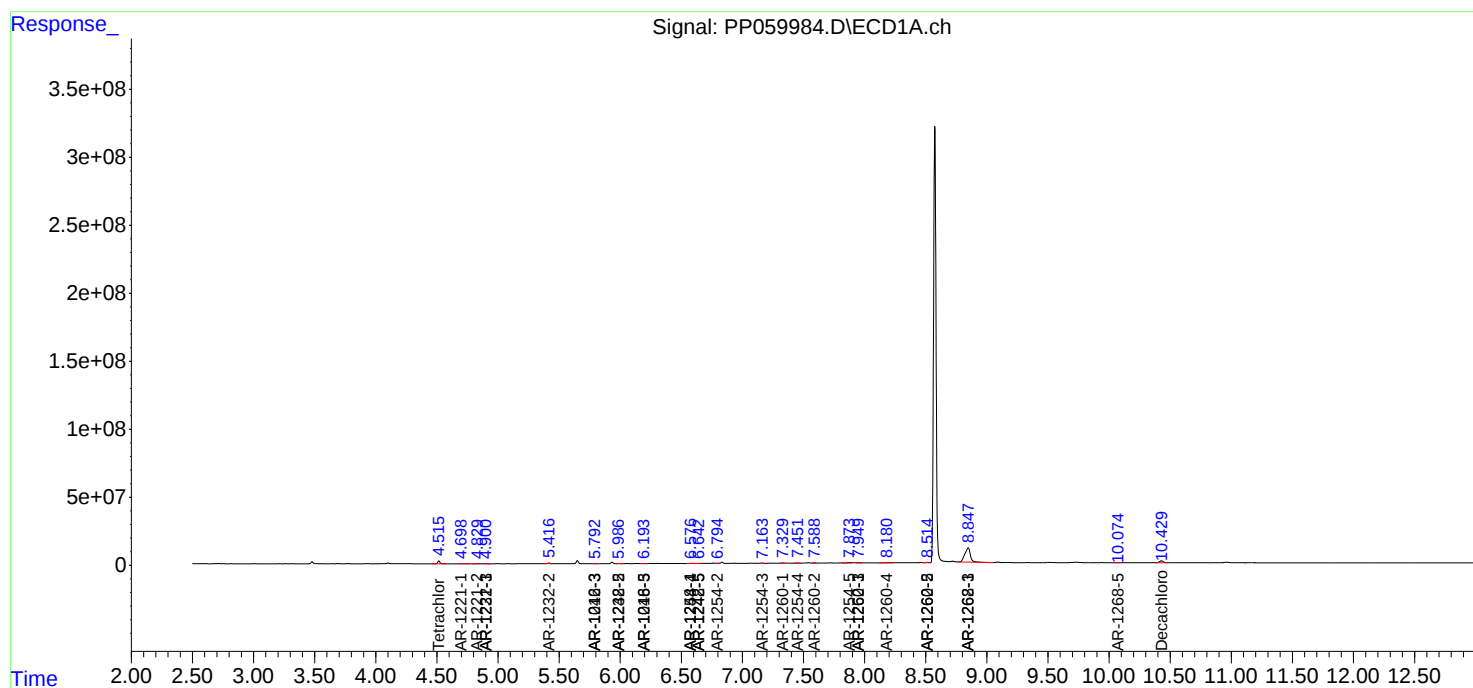
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

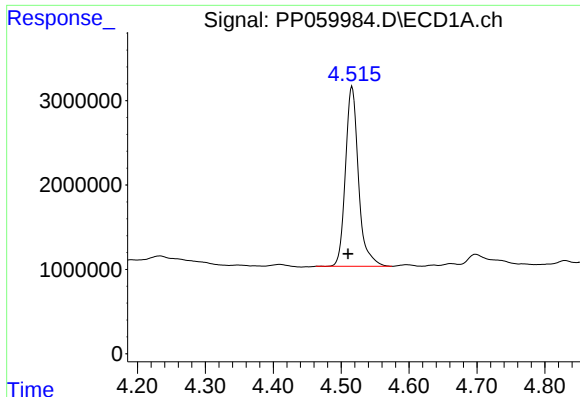
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

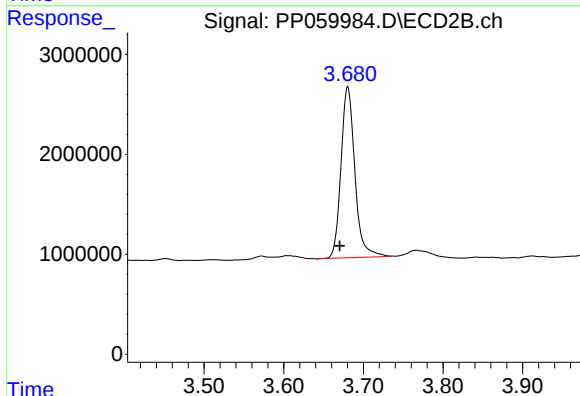




#1 Tetrachloro-m-xylene

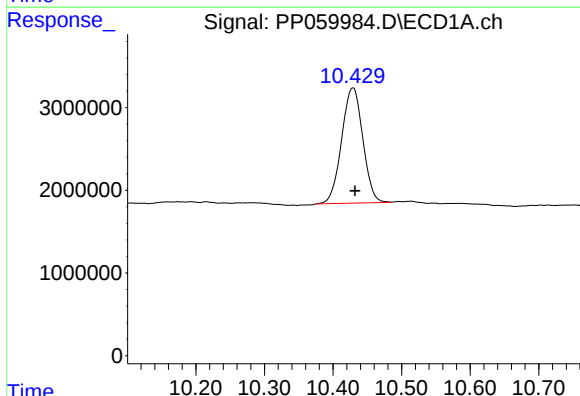
R.T.: 4.516 min
Delta R.T.: 0.006 min
Response: 28320889
Conc: 13.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



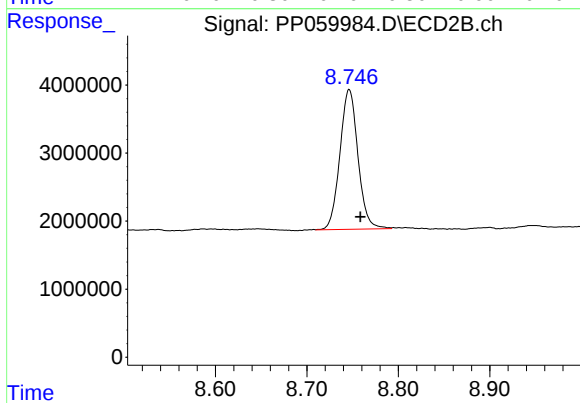
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.010 min
Response: 20723779
Conc: 12.72 ng/ml



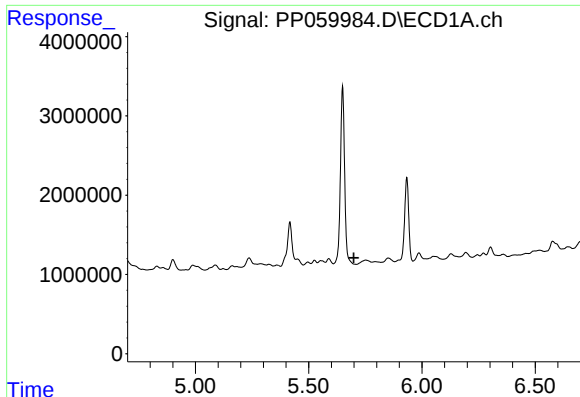
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: -0.003 min
Response: 29946690
Conc: 19.63 ng/ml



#2 Decachlorobiphenyl

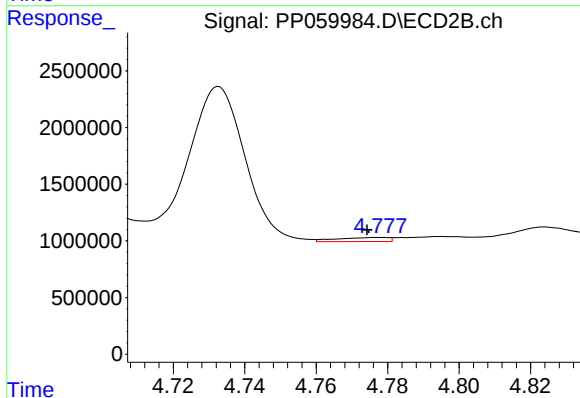
R.T.: 8.746 min
Delta R.T.: -0.012 min
Response: 28185297
Conc: 18.61 ng/ml



#3 AR-1016-1

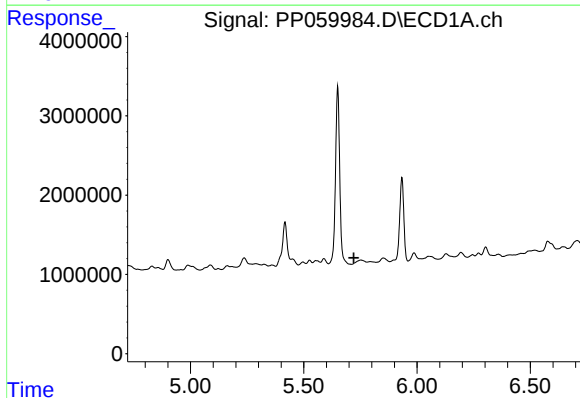
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



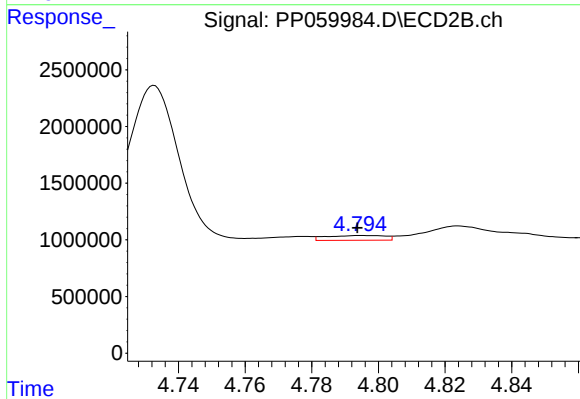
#3 AR-1016-1

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 351424
Conc: 5.85 ng/ml



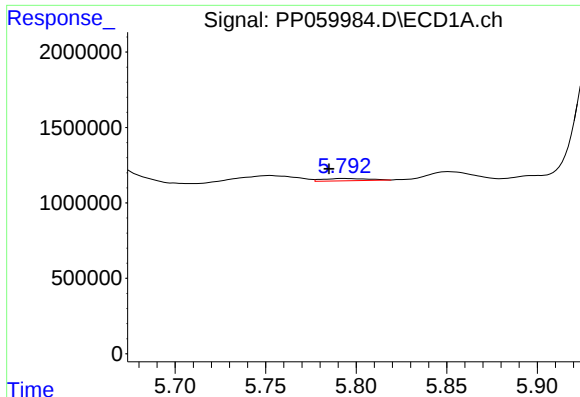
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#4 AR-1016-2

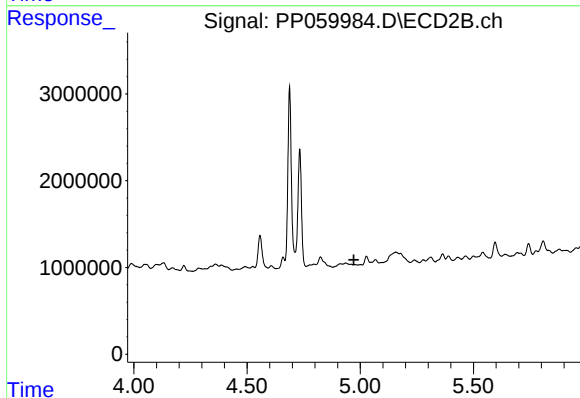
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 515690
Conc: 6.21 ng/ml



#5 AR-1016-3

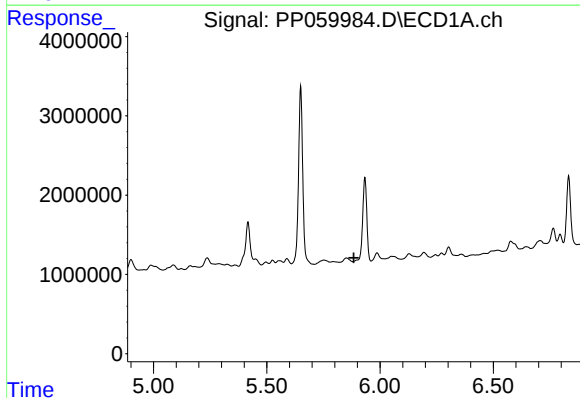
R.T.: 5.793 min
Delta R.T.: 0.008 min
Response: 259285
Conc: 4.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



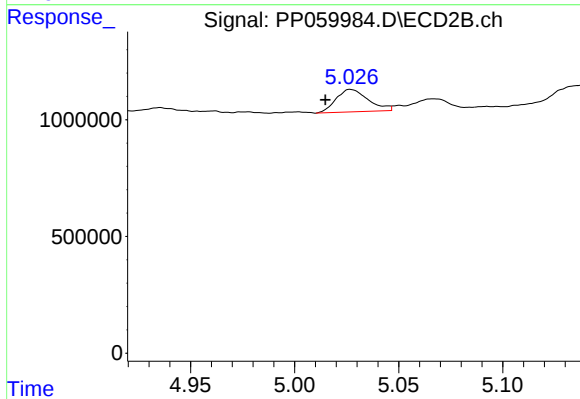
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.972 min
Response: 0
Conc: N.D.



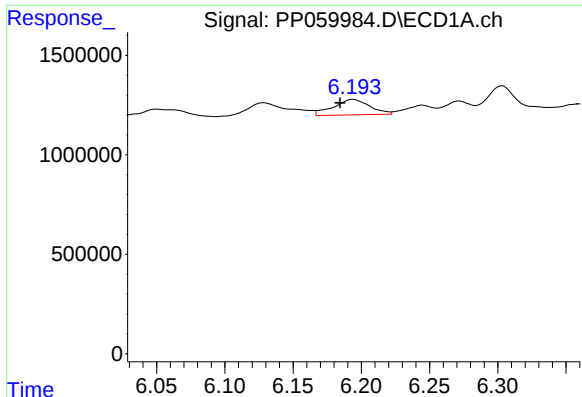
#6 AR-1016-4

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



#6 AR-1016-4

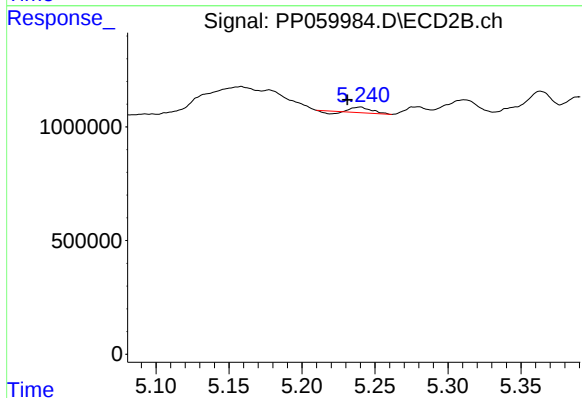
R.T.: 5.027 min
Delta R.T.: 0.012 min
Response: 1038335
Conc: 29.43 ng/ml



#7 AR-1016-5

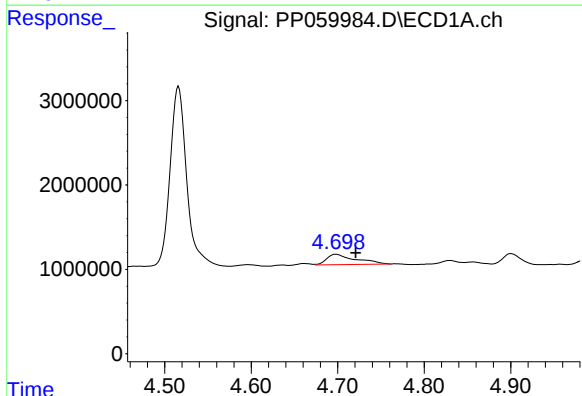
R.T.: 6.194 min
Delta R.T.: 0.009 min
Response: 1443718
Conc: 29.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



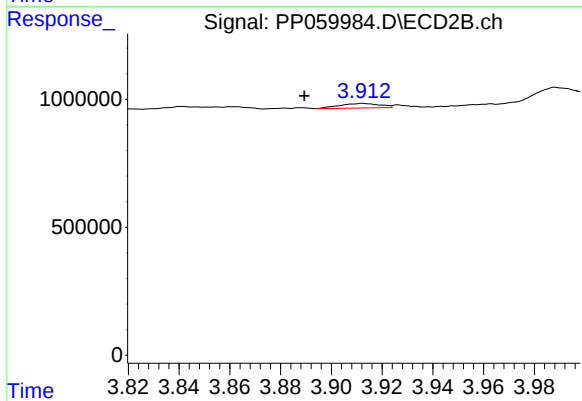
#7 AR-1016-5

R.T.: 5.240 min
Delta R.T.: 0.009 min
Response: 176189
Conc: 3.79 ng/ml



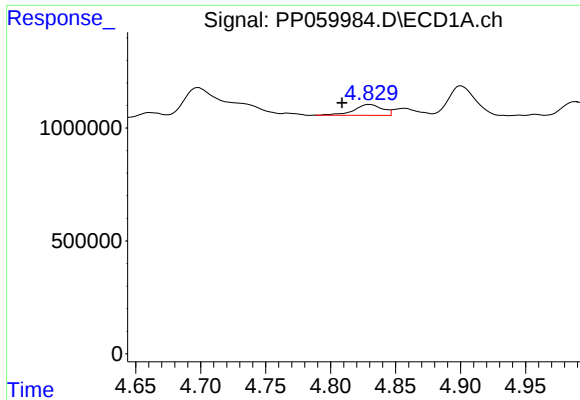
#8 AR-1221-1

R.T.: 4.698 min
Delta R.T.: -0.023 min
Response: 2870774
Conc: 107.99 ng/ml



#8 AR-1221-1

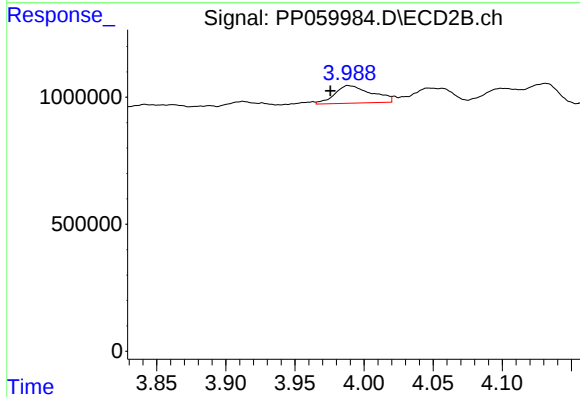
R.T.: 3.912 min
Delta R.T.: 0.023 min
Response: 200178
Conc: 9.11 ng/ml



#9 AR-1221-2

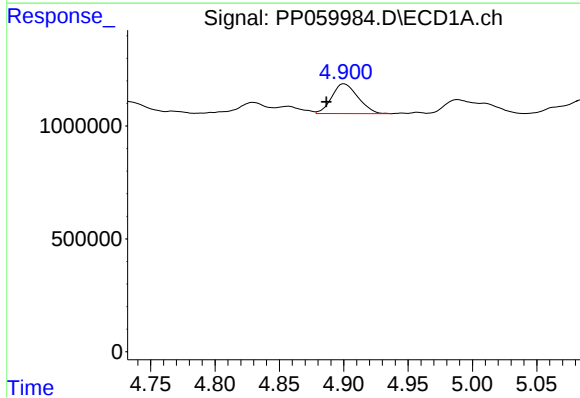
R.T.: 4.830 min
Delta R.T.: 0.021 min
Response: 741732
Conc: 37.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



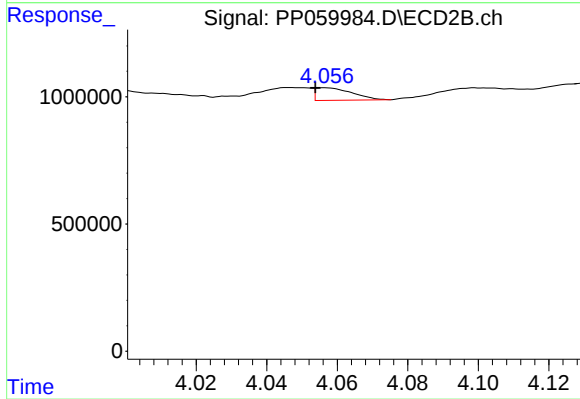
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: 0.012 min
Response: 1291339
Conc: 83.64 ng/ml



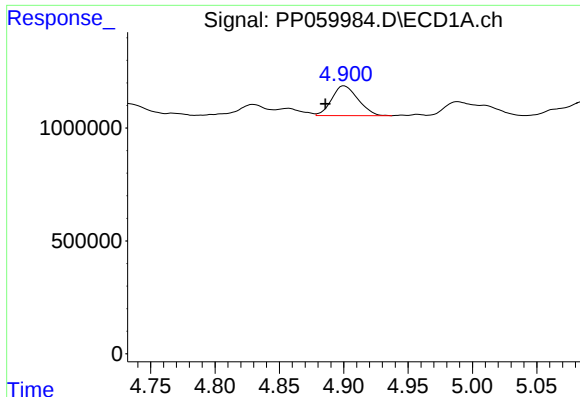
#10 AR-1221-3

R.T.: 4.900 min
Delta R.T.: 0.014 min
Response: 1862588
Conc: 32.61 ng/ml



#10 AR-1221-3

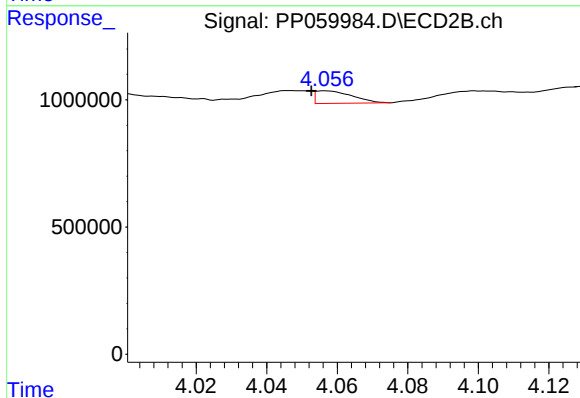
R.T.: 4.057 min
Delta R.T.: 0.003 min
Response: 351012
Conc: 7.48 ng/ml



#11 AR-1232-1

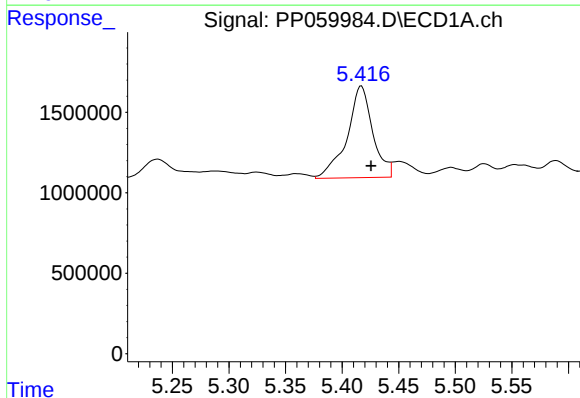
R.T.: 4.900 min
Delta R.T.: 0.014 min
Response: 1862588
Conc: 39.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



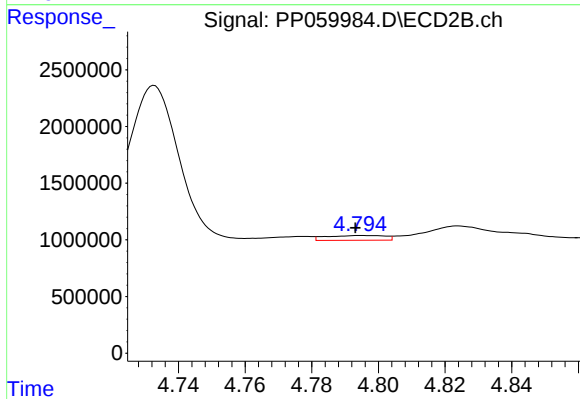
#11 AR-1232-1

R.T.: 4.057 min
Delta R.T.: 0.004 min
Response: 351012
Conc: 9.23 ng/ml



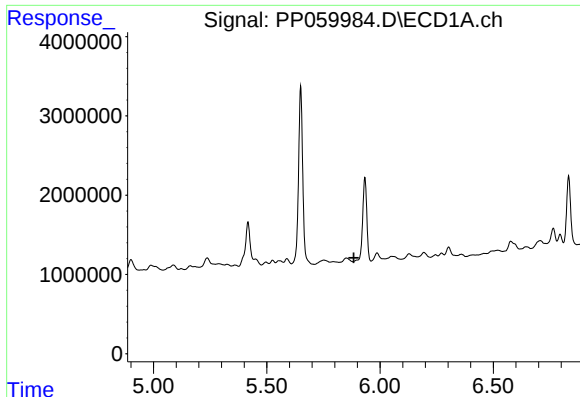
#12 AR-1232-2

R.T.: 5.417 min
Delta R.T.: -0.009 min
Response: 8986587
Conc: 353.82 ng/ml



#12 AR-1232-2

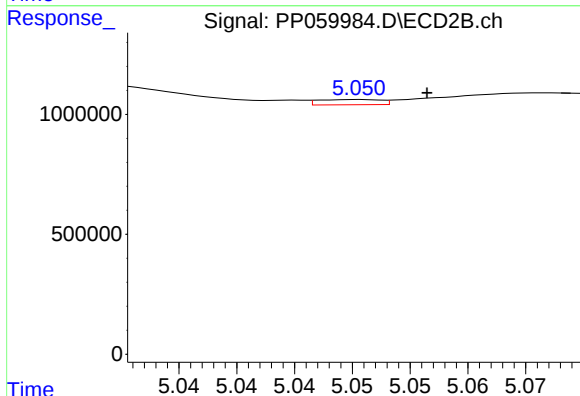
R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 515690
Conc: 13.99 ng/ml



#14 AR-1232-4

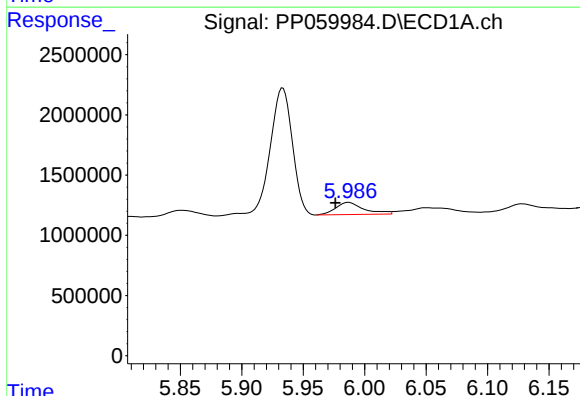
R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



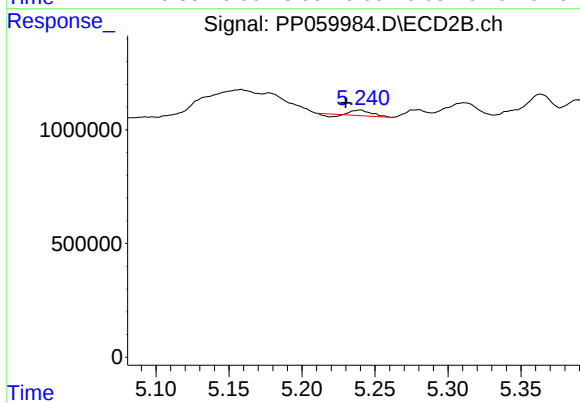
#14 AR-1232-4

R.T.: 5.051 min
Delta R.T.: -0.006 min
Response: 81298
Conc: 4.45 ng/ml



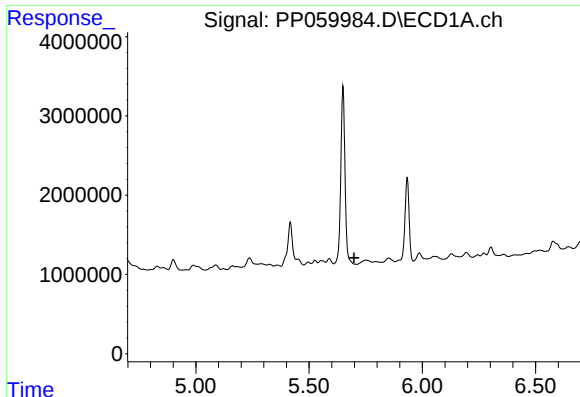
#15 AR-1232-5

R.T.: 5.987 min
Delta R.T.: 0.011 min
Response: 1607586
Conc: 87.63 ng/ml



#15 AR-1232-5

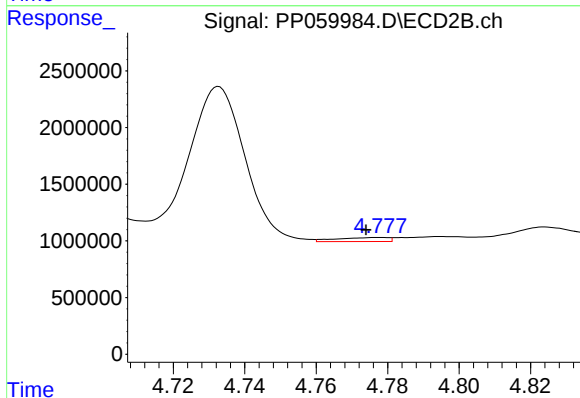
R.T.: 5.240 min
Delta R.T.: 0.010 min
Response: 176189
Conc: 8.79 ng/ml



#16 AR-1242-1

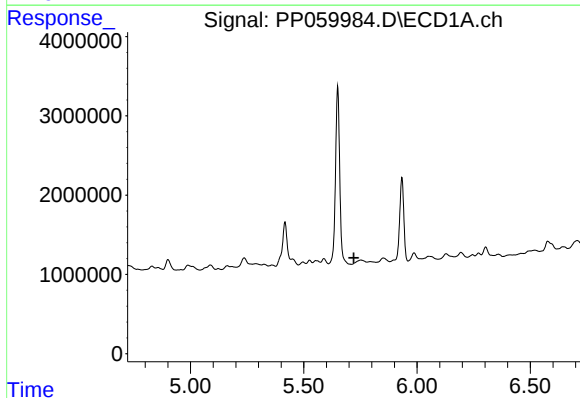
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



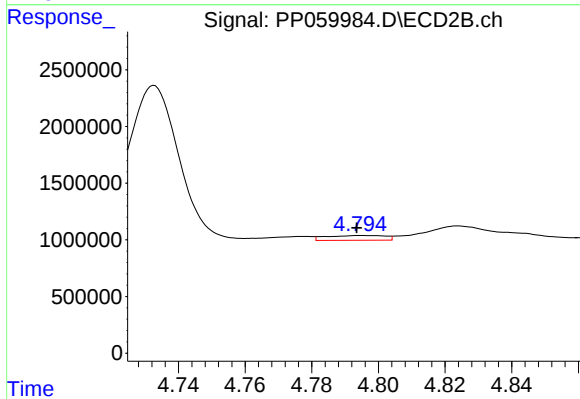
#16 AR-1242-1

R.T.: 4.778 min
Delta R.T.: 0.004 min
Response: 351424
Conc: 6.67 ng/ml



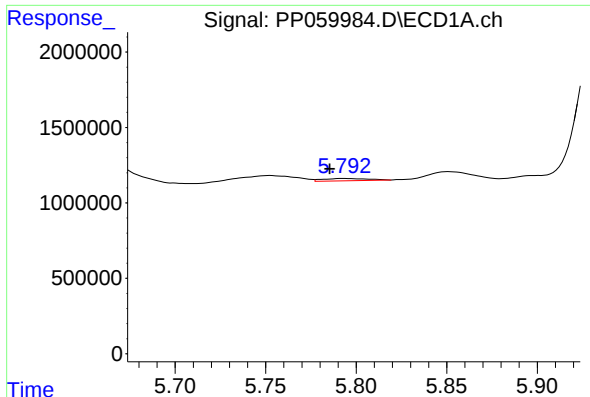
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

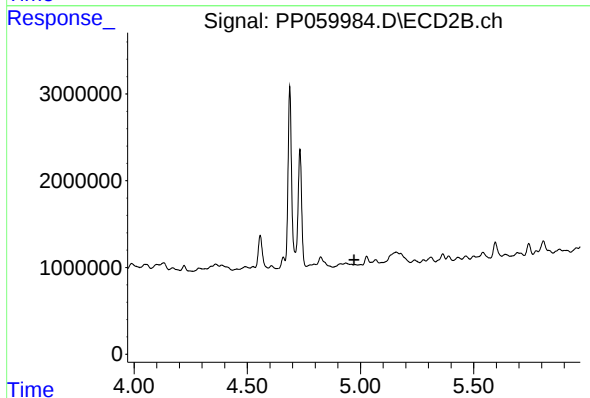
R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 515690
Conc: 7.16 ng/ml



#18 AR-1242-3

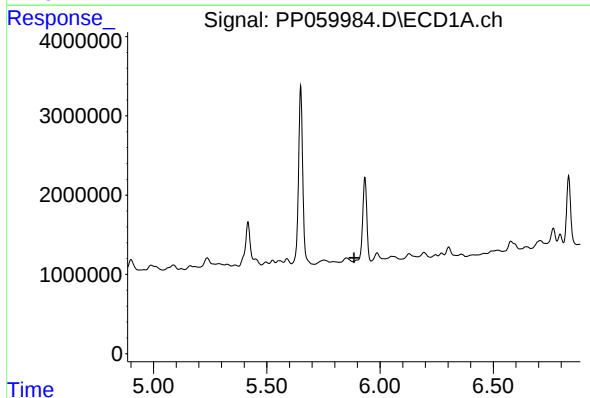
R.T.: 5.793 min
Delta R.T.: 0.008 min
Response: 259285
Conc: 4.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



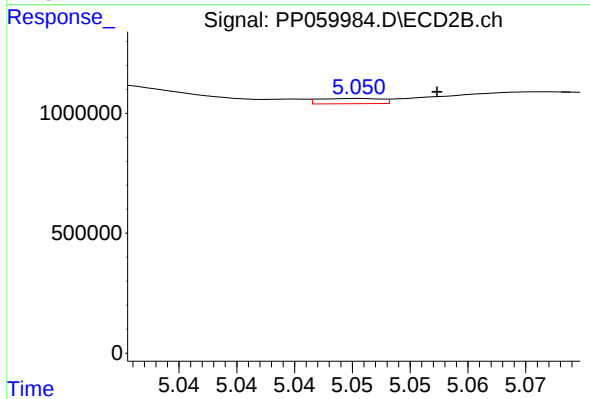
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.971 min
Response: 0
Conc: N.D.



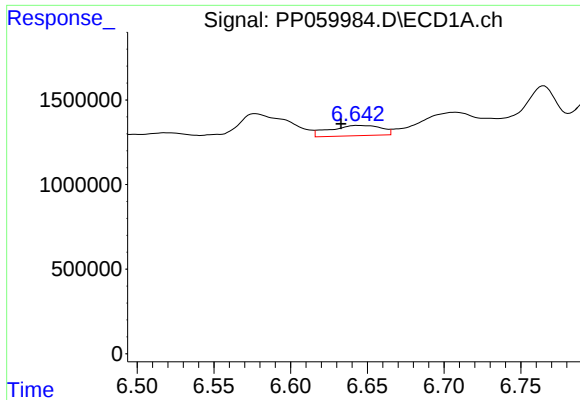
#19 AR-1242-4

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



#19 AR-1242-4

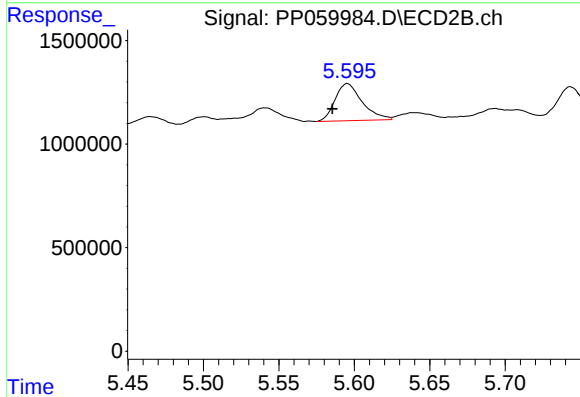
R.T.: 5.051 min
Delta R.T.: -0.007 min
Response: 81298
Conc: 2.07 ng/ml



#20 AR-1242-5

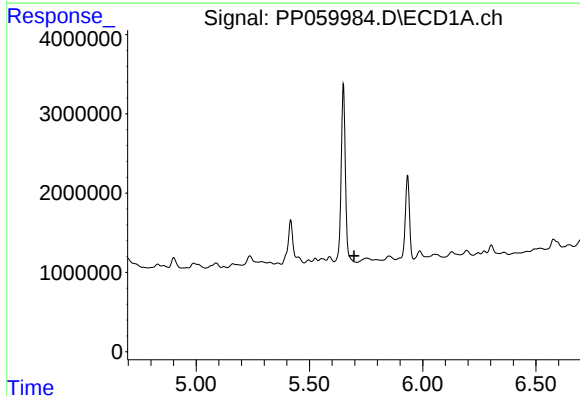
R.T.: 6.644 min
Delta R.T.: 0.011 min
Response: 1414761
Conc: 30.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



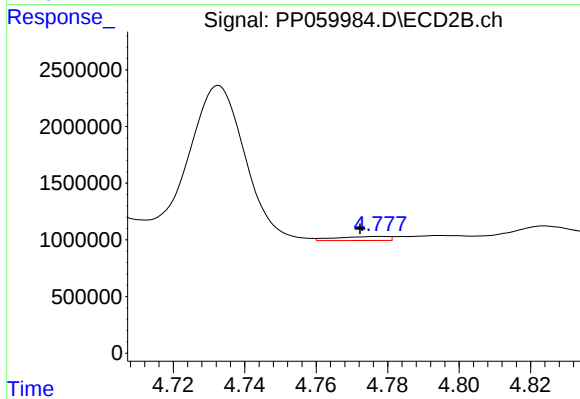
#20 AR-1242-5

R.T.: 5.595 min
Delta R.T.: 0.010 min
Response: 2251867
Conc: 46.55 ng/ml



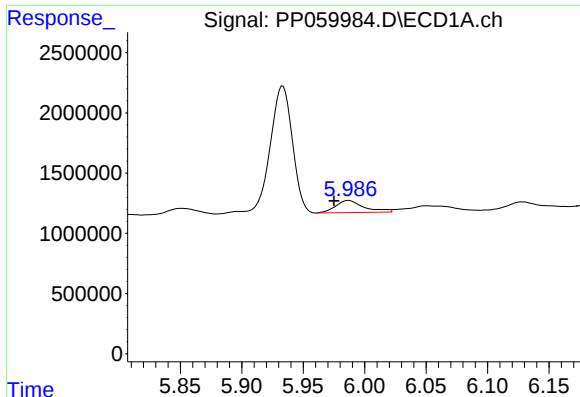
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.697 min
Response: 0
Conc: N.D.



#21 AR-1248-1

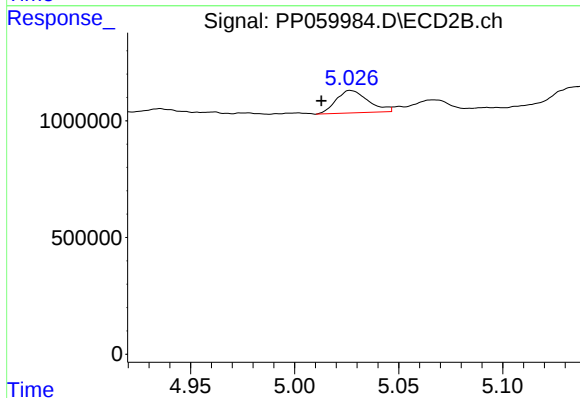
R.T.: 4.778 min
Delta R.T.: 0.005 min
Response: 351424
Conc: 8.99 ng/ml



#22 AR-1248-2

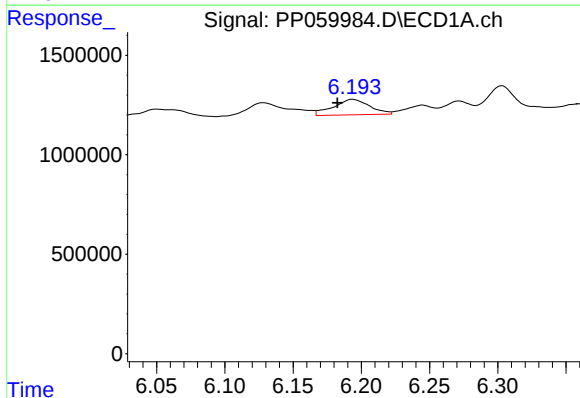
R.T.: 5.987 min
Delta R.T.: 0.012 min
Response: 1607586
Conc: 24.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



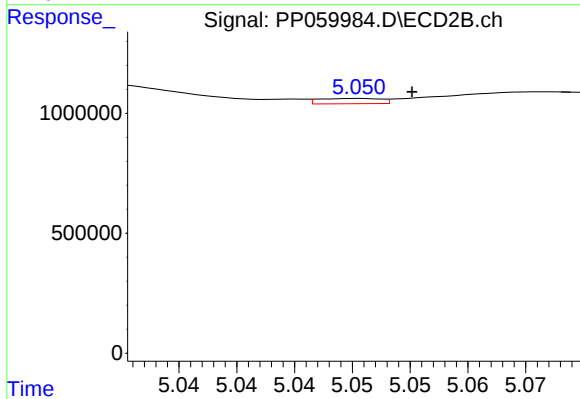
#22 AR-1248-2

R.T.: 5.027 min
Delta R.T.: 0.014 min
Response: 1038335
Conc: 19.16 ng/ml



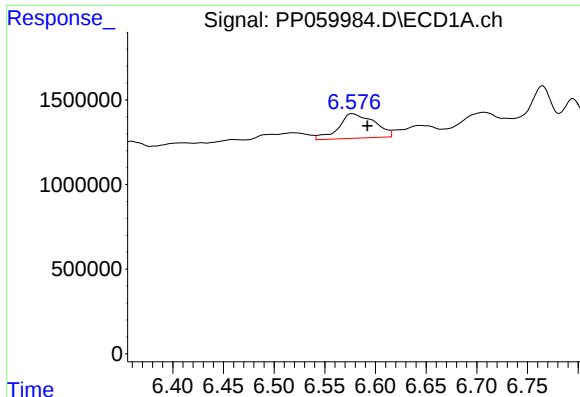
#23 AR-1248-3

R.T.: 6.194 min
Delta R.T.: 0.011 min
Response: 1443718
Conc: 20.39 ng/ml



#23 AR-1248-3

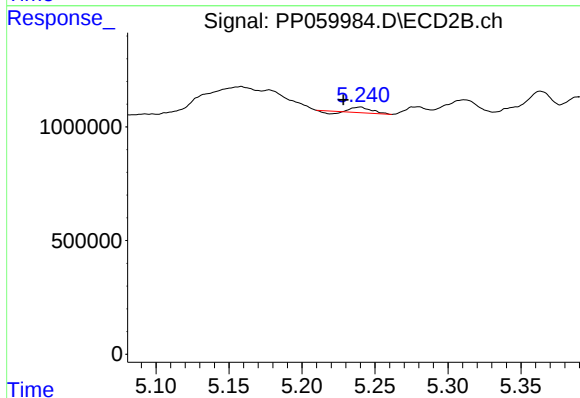
R.T.: 5.051 min
Delta R.T.: -0.005 min
Response: 81298
Conc: 1.43 ng/ml



#24 AR-1248-4

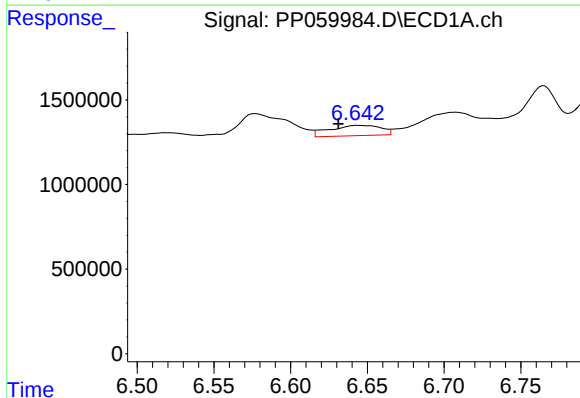
R.T.: 6.577 min
Delta R.T.: -0.015 min
Response: 3572075
Conc: 46.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



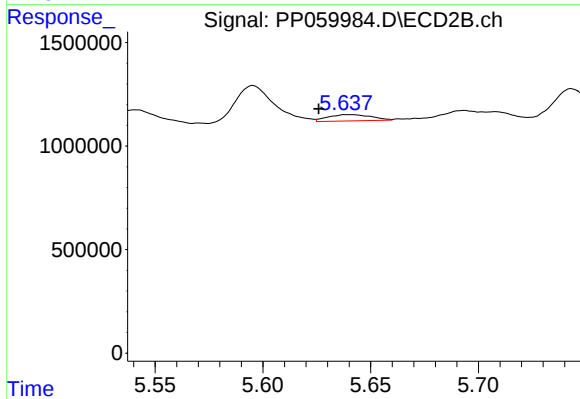
#24 AR-1248-4

R.T.: 5.240 min
Delta R.T.: 0.012 min
Response: 176189
Conc: 2.62 ng/ml



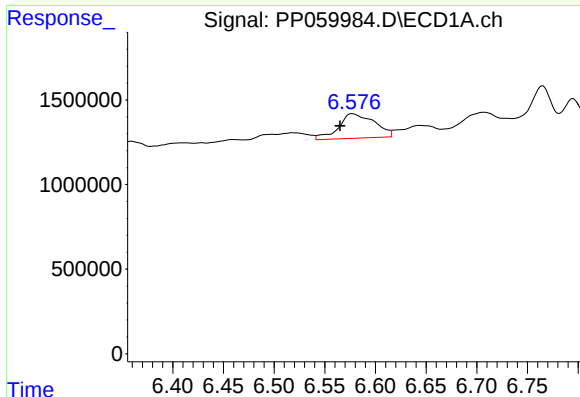
#25 AR-1248-5

R.T.: 6.644 min
Delta R.T.: 0.013 min
Response: 1414761
Conc: 18.80 ng/ml



#25 AR-1248-5

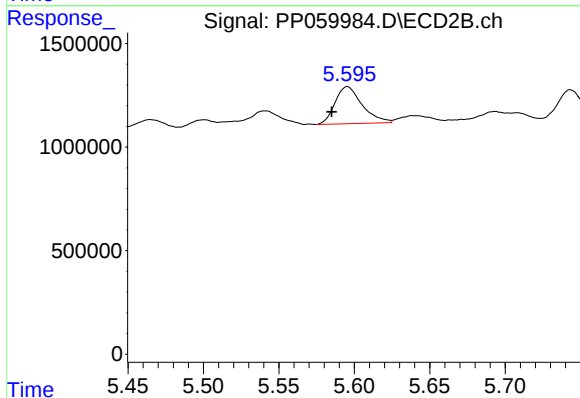
R.T.: 5.638 min
Delta R.T.: 0.013 min
Response: 427919
Conc: 6.49 ng/ml



#26 AR-1254-1

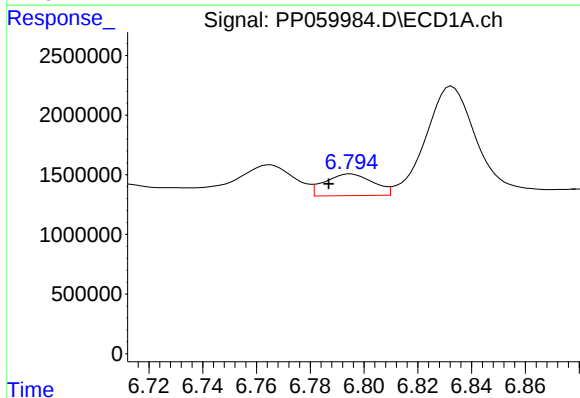
R.T.: 6.577 min
Delta R.T.: 0.012 min
Response: 3572075
Conc: 44.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



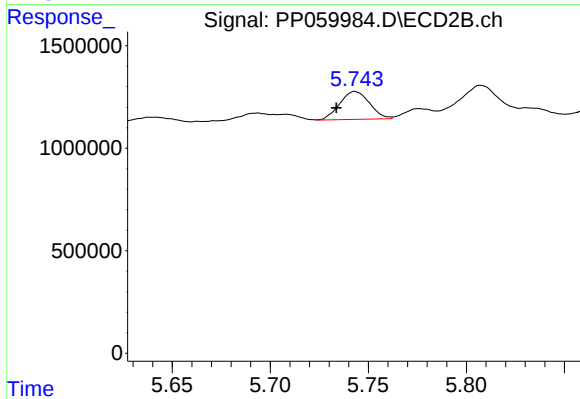
#26 AR-1254-1

R.T.: 5.595 min
Delta R.T.: 0.010 min
Response: 2251867
Conc: 22.44 ng/ml



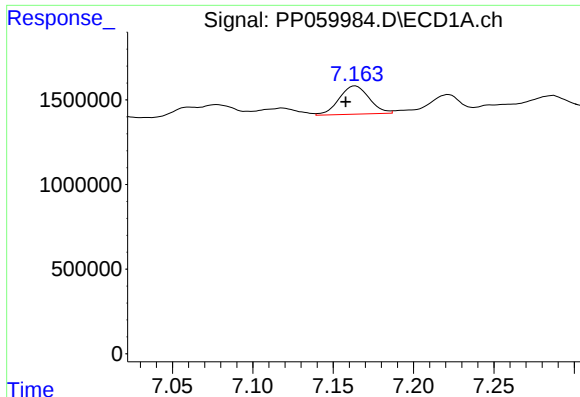
#27 AR-1254-2

R.T.: 6.795 min
Delta R.T.: 0.008 min
Response: 2269422
Conc: 18.95 ng/ml



#27 AR-1254-2

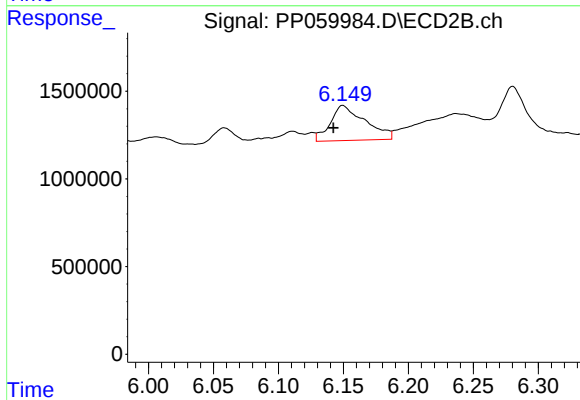
R.T.: 5.743 min
Delta R.T.: 0.009 min
Response: 1445385
Conc: 16.64 ng/ml



#28 AR-1254-3

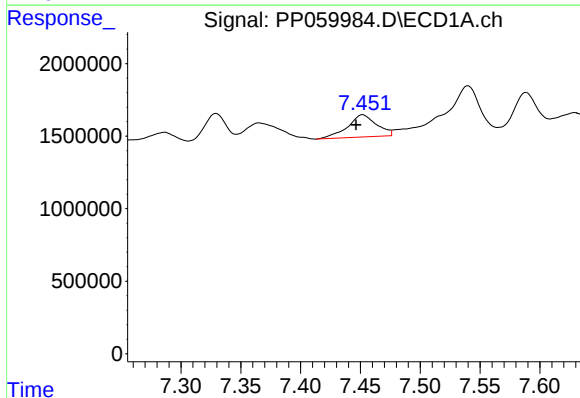
R.T.: 7.164 min
Delta R.T.: 0.006 min
Response: 2171691
Conc: 17.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



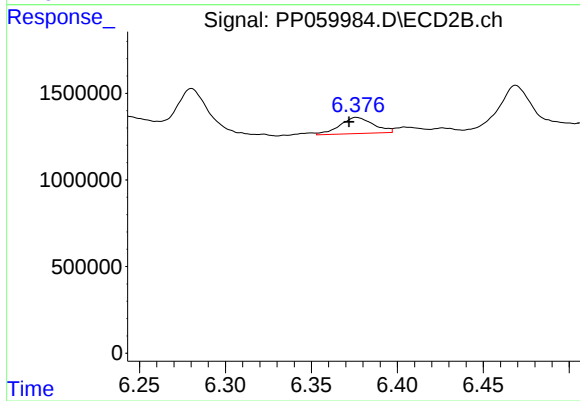
#28 AR-1254-3

R.T.: 6.149 min
Delta R.T.: 0.007 min
Response: 3734479
Conc: 26.60 ng/ml



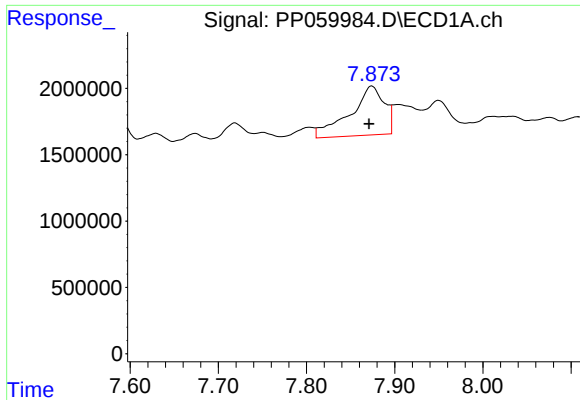
#29 AR-1254-4

R.T.: 7.452 min
Delta R.T.: 0.006 min
Response: 2579772
Conc: 29.01 ng/ml



#29 AR-1254-4

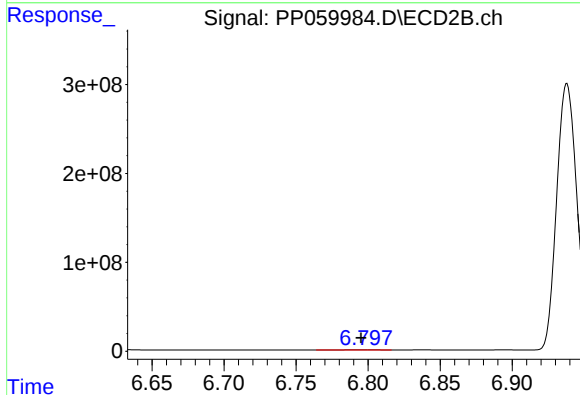
R.T.: 6.376 min
Delta R.T.: 0.004 min
Response: 1268983
Conc: 15.08 ng/ml



#30 AR-1254-5

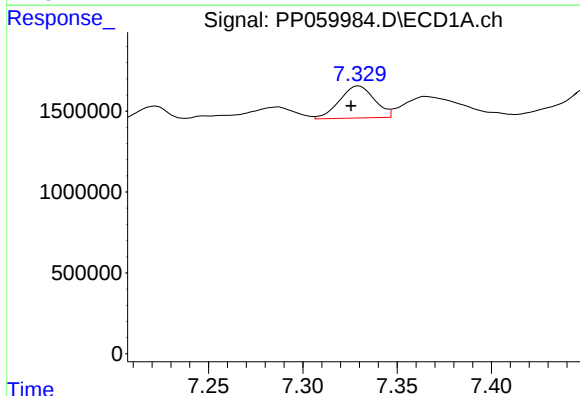
R.T.: 7.874 min
Delta R.T.: 0.003 min
Response: 9969409
Conc: 102.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



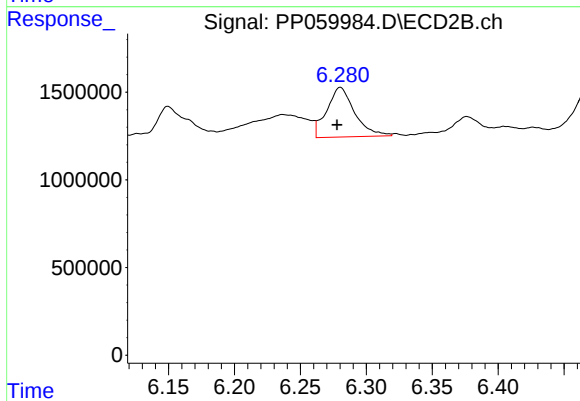
#30 AR-1254-5

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 3217646
Conc: 27.13 ng/ml



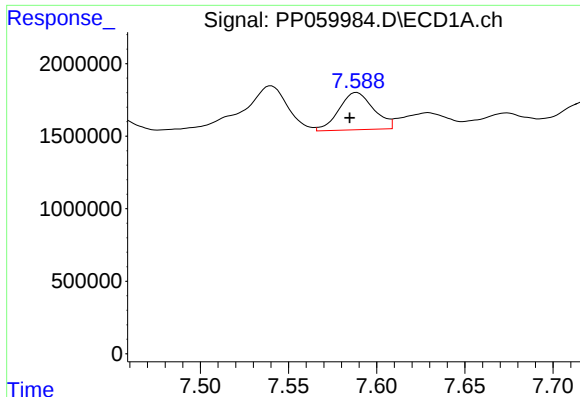
#31 AR-1260-1

R.T.: 7.330 min
Delta R.T.: 0.004 min
Response: 2544412
Conc: 28.23 ng/ml



#31 AR-1260-1

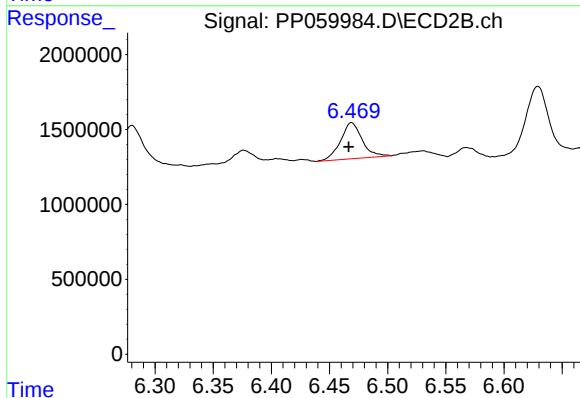
R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 4170466
Conc: 44.79 ng/ml



#32 AR-1260-2

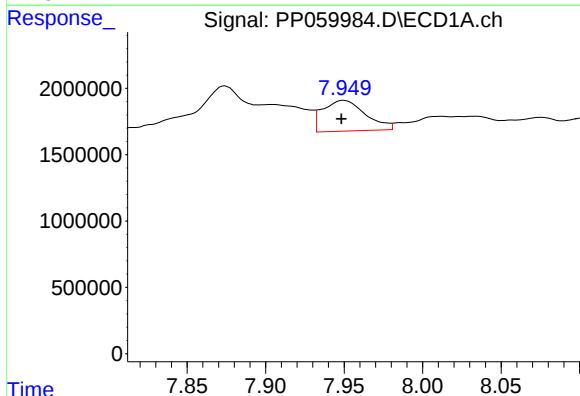
R.T.: 7.589 min
Delta R.T.: 0.004 min
Response: 3528535
Conc: 34.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



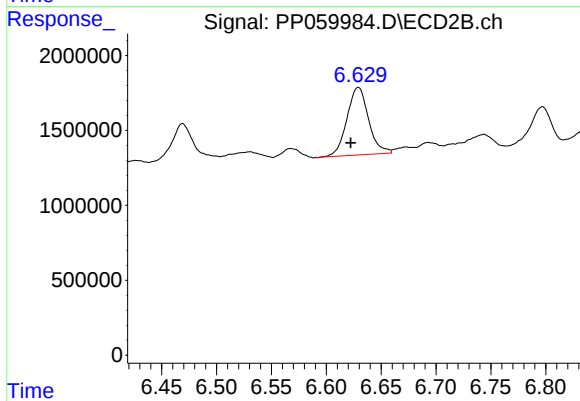
#32 AR-1260-2

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 3116566
Conc: 28.43 ng/ml



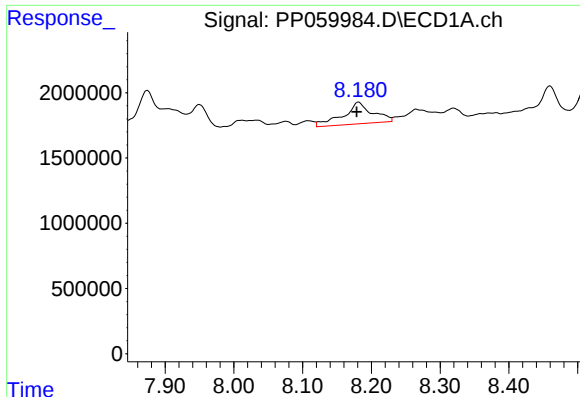
#33 AR-1260-3

R.T.: 7.950 min
Delta R.T.: 0.001 min
Response: 4385613
Conc: 55.68 ng/ml



#33 AR-1260-3

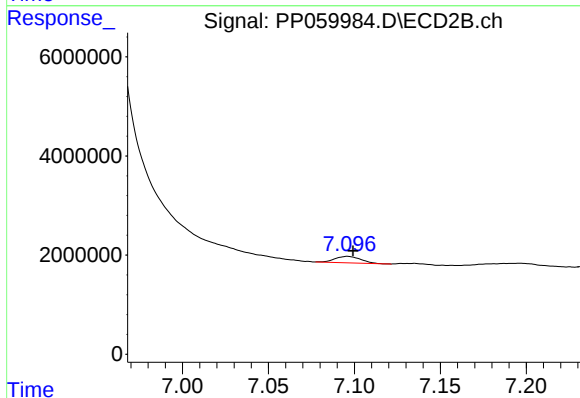
R.T.: 6.629 min
Delta R.T.: 0.007 min
Response: 6192344
Conc: 60.20 ng/ml



#34 AR-1260-4

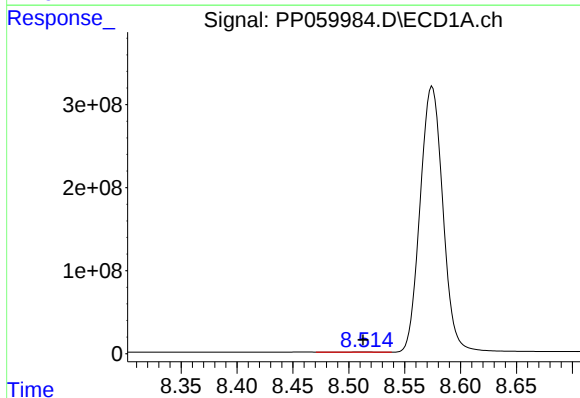
R.T.: 8.181 min
Delta R.T.: 0.003 min
Response: 4886779
Conc: 54.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



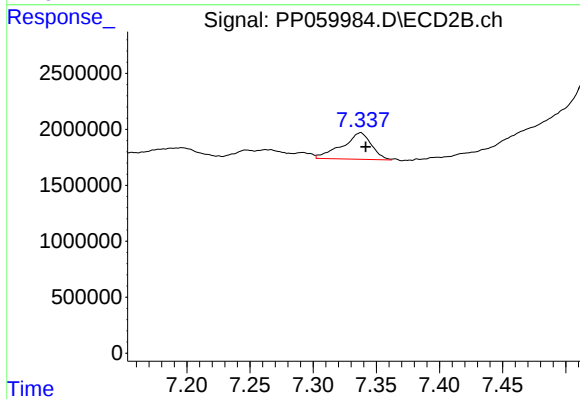
#34 AR-1260-4

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 1370545
Conc: 16.46 ng/ml



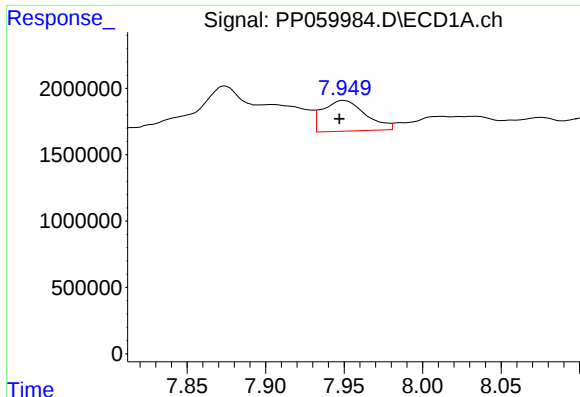
#35 AR-1260-5

R.T.: 8.514 min
Delta R.T.: 0.001 min
Response: 1951743
Conc: 11.44 ng/ml



#35 AR-1260-5

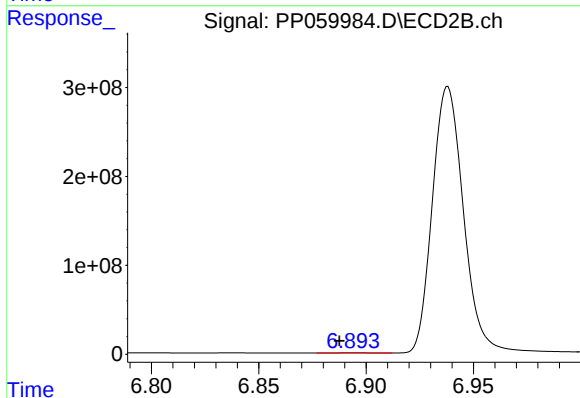
R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 3820124
Conc: 19.85 ng/ml



#36 AR-1262-1

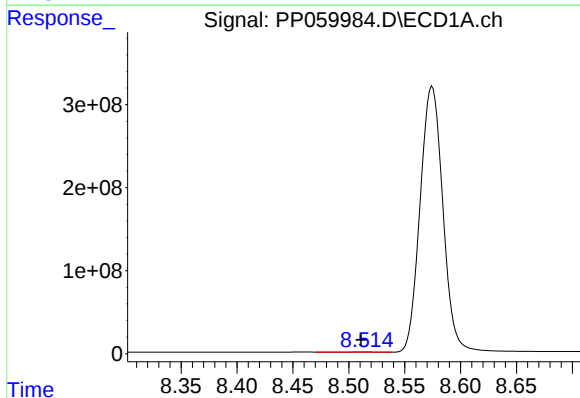
R.T.: 7.950 min
Delta R.T.: 0.003 min
Response: 4385613
Conc: 37.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



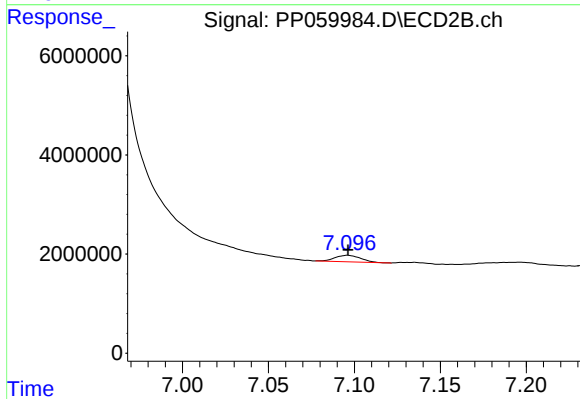
#36 AR-1262-1

R.T.: 6.893 min
Delta R.T.: 0.006 min
Response: 530709
Conc: 10.51 ng/ml



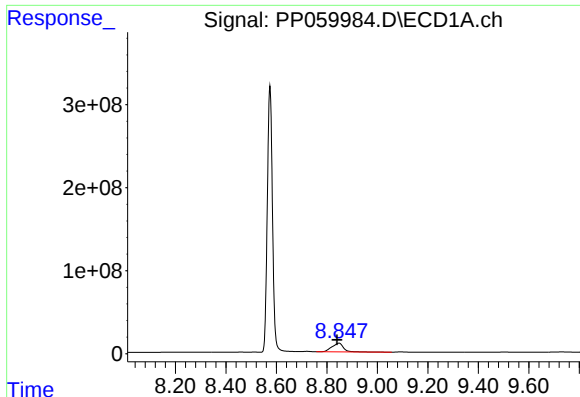
#37 AR-1262-2

R.T.: 8.514 min
Delta R.T.: 0.003 min
Response: 1951743
Conc: 9.75 ng/ml



#37 AR-1262-2

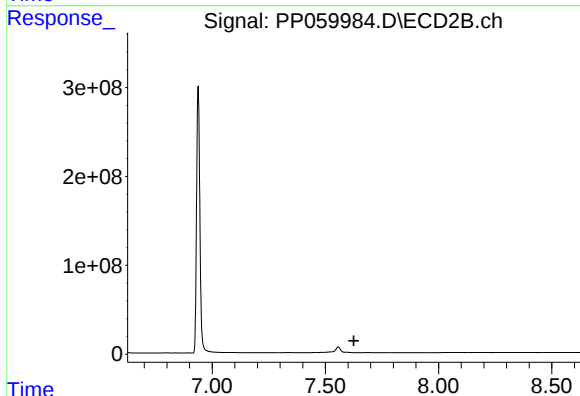
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 1370545
Conc: 12.13 ng/ml



#38 AR-1262-3

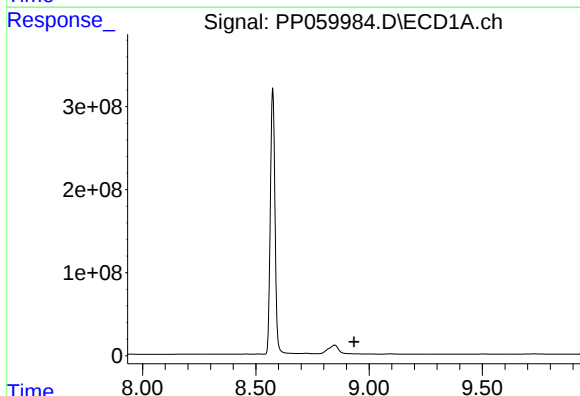
R.T.: 8.848 min
Delta R.T.: 0.007 min
Response: 328823624
Conc: 2283.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



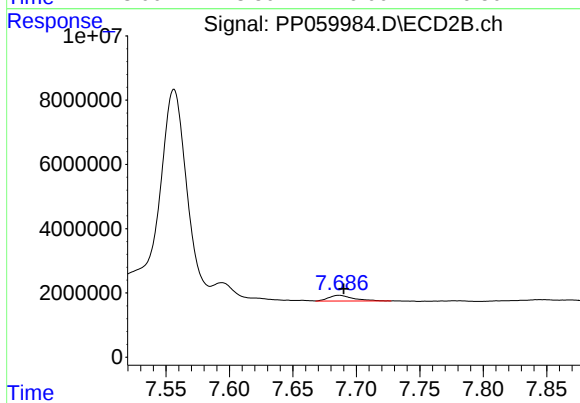
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.626 min
Response: 0
Conc: N.D.



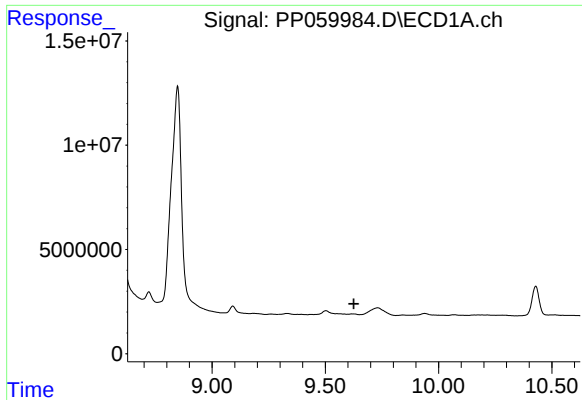
#39 AR-1262-4

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



#39 AR-1262-4

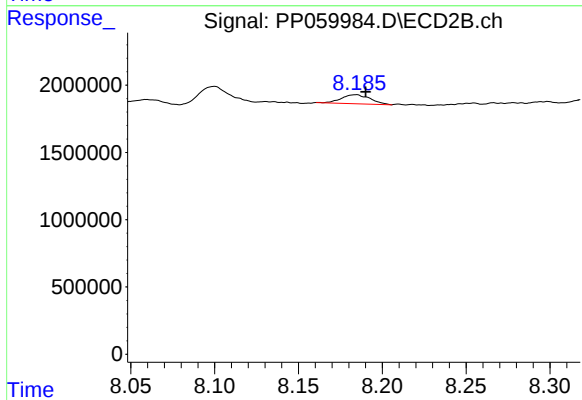
R.T.: 7.687 min
Delta R.T.: -0.003 min
Response: 2440569
Conc: 14.94 ng/ml



#40 AR-1262-5

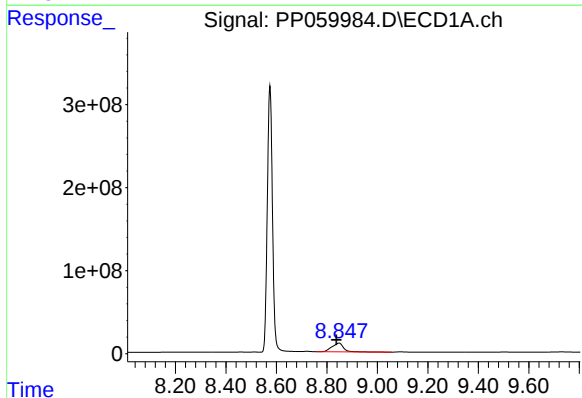
R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



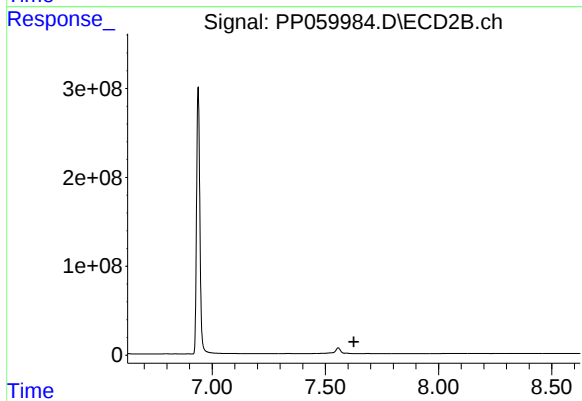
#40 AR-1262-5

R.T.: 8.185 min
Delta R.T.: -0.006 min
Response: 797656
Conc: 10.69 ng/ml



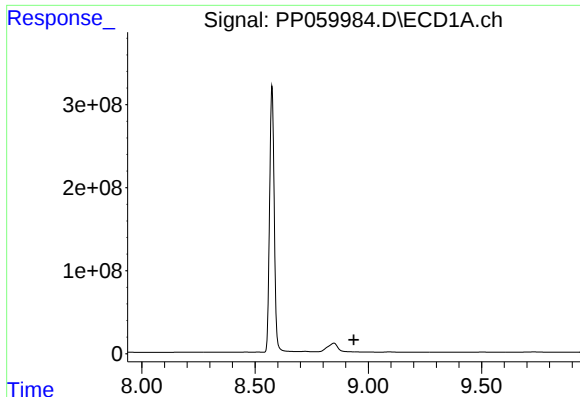
#41 AR-1268-1

R.T.: 8.848 min
Delta R.T.: 0.010 min
Response: 328823624
Conc: 1311.32 ng/ml



#41 AR-1268-1

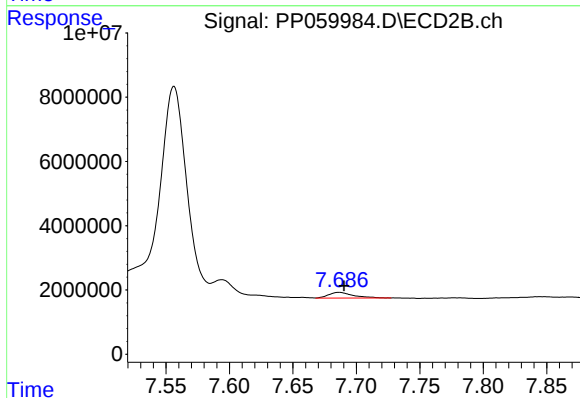
R.T.: 0.000 min
Exp R.T.: 7.626 min
Response: 0
Conc: N.D.



#42 AR-1268-2

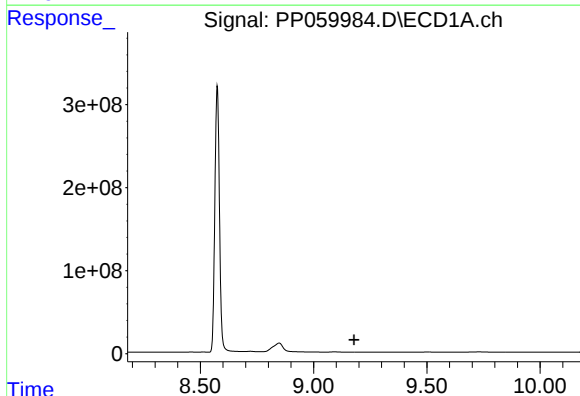
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



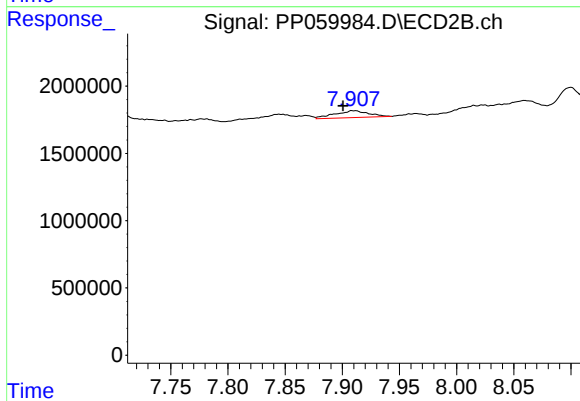
#42 AR-1268-2

R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 2440569
Conc: 10.56 ng/ml



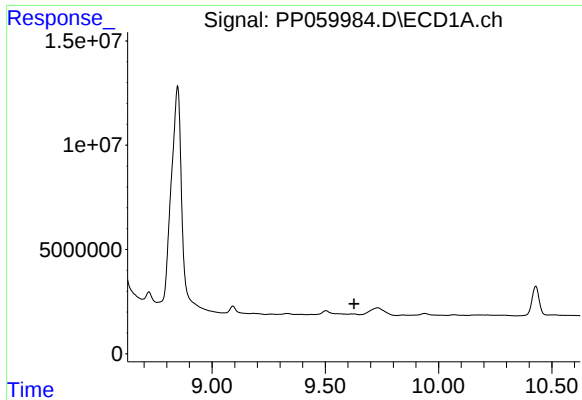
#43 AR-1268-3

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



#43 AR-1268-3

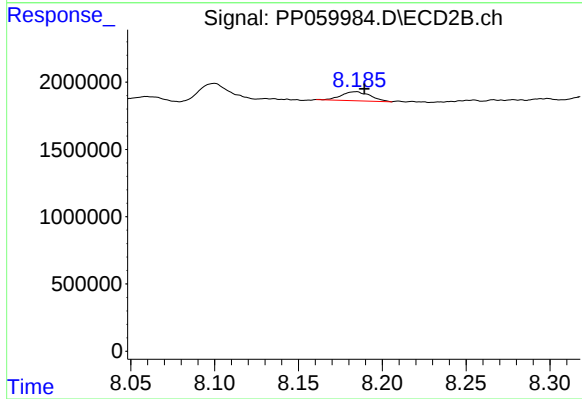
R.T.: 7.908 min
Delta R.T.: 0.007 min
Response: 1044307
Conc: 5.12 ng/ml



#44 AR-1268-4

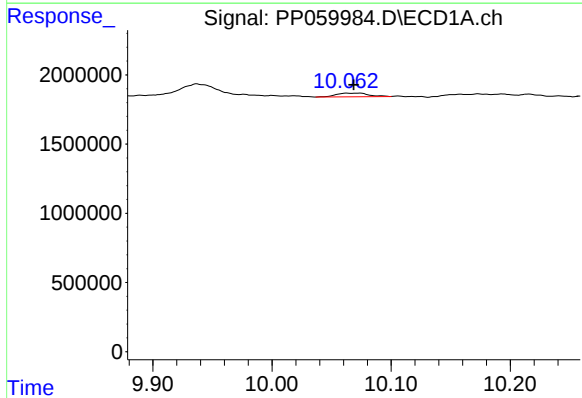
R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



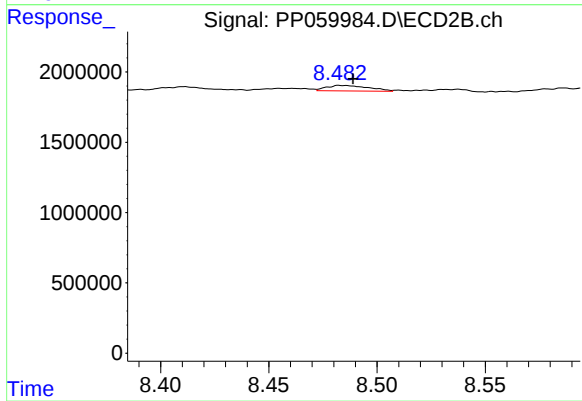
#44 AR-1268-4

R.T.: 8.185 min
Delta R.T.: -0.005 min
Response: 797656
Conc: 9.88 ng/ml



#45 AR-1268-5

R.T.: 10.074 min
Delta R.T.: 0.005 min
Response: 493213
Conc: 0.81 ng/ml



#45 AR-1268-5

R.T.: 8.482 min
Delta R.T.: -0.007 min
Response: 537110
Conc: 0.85 ng/ml