

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020623\
 Data File : PP055354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 11:39
 Operator : YP\AJ
 Sample : 01407-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:34:09 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	10480517	8901180	6.028	5.929
2)	SA Decachlor...	10.078	0.000	118.8E6	0	68.576	N.D. #
Target Compounds							
3)	L1 AR-1016-1	5.482f	0.000	24506860	0	364.630	N.D. #
4)	L1 AR-1016-2	5.542f	4.705f	1960474	20565871	20.458	297.113 #
5)	L1 AR-1016-3	5.602	4.866	833231	1003900	13.930	26.989 #
6)	L1 AR-1016-4	0.000	4.922f	0	6168329	N.D.	196.304 #
8)	L2 AR-1221-1	4.535	3.785	3444080	629603	146.463	31.755 #
9)	L2 AR-1221-2	4.639	3.861f	125603	1890105	7.069	127.517 #
10)	L2 AR-1221-3	4.705	3.961	901623	1086709	16.756	24.088 #
11)	L3 AR-1232-1	4.705	3.961	901623	1086709	20.315	29.483 #
12)	L3 AR-1232-2	5.246	4.705f	2351883	20565871	103.998	643.840 #
13)	L3 AR-1232-3	5.542f	4.866	1960474	1003900	44.640	60.218 #
14)	L3 AR-1232-4	0.000	4.934	0	2794670	N.D.	173.301 #
15)	L3 AR-1232-5	5.779	5.108	3636766	-1790684	207.732	N.D. #
16)	L4 AR-1242-1	5.482f	0.000	24506860	0	437.710	N.D. #
17)	L4 AR-1242-2	5.542f	4.705f	1960474	20565871	24.558	360.166 #
18)	L4 AR-1242-3	5.602	4.866	833231	1003900	16.778	32.523 #
19)	L4 AR-1242-4	0.000	4.934	0	2794670	N.D.	86.024 #
20)	L4 AR-1242-5	6.437	5.482	10004911	18105886	225.014	484.482 #
21)	L5 AR-1248-1	5.482f	0.000	24506860	0	587.642	N.D. #
22)	L5 AR-1248-2	5.779	4.922f	3636766	6168329	57.205	134.893 #
24)	L5 AR-1248-4	6.394	5.108	12832675	-1790684	169.221	N.D. #
25)	L5 AR-1248-5	6.437	5.525f	10004911	39066262	135.581	794.500 #
26)	L6 AR-1254-1	6.353	5.482	5983302	18105886	75.841	224.199 #
27)	L6 AR-1254-2	6.572	5.600f	7948672	26399411	65.679	368.899 #
28)	L6 AR-1254-3	6.941	6.017	8681164	96503455	70.872	866.220 #
29)	L6 AR-1254-4	7.248	6.239	25805689	135.4E6	292.874	2200.733 #
30)	L6 AR-1254-5	7.669	6.674	18791851	40375651	185.762	425.886 #
31)	L7 AR-1260-1	7.113	6.164	100.6E6	88266266	1055.462	1138.266
32)	L7 AR-1260-2	0.000	6.367f	0	132.7E6	N.D.	1476.137 #
33)	L7 AR-1260-3	7.734	6.483	66072772	4945213	820.587	58.240 #
34)	L7 AR-1260-4	7.961	6.959	378.4E6	372.0E6	3897.688	5195.913 #
35)	L7 AR-1260-5	8.254f	7.215	129.2E6	28394718	726.455	184.698 #
36)	L8 AR-1262-1	7.734	6.760	66072772	214.6E6	560.022	4995.519 #
37)	L8 AR-1262-2	8.254f	6.959	129.2E6	372.0E6	641.468	4016.727 #
38)	L8 AR-1262-3	8.605f	0.000	458.3E6	0	3295.344	N.D. #
39)	L8 AR-1262-4	8.680	7.532f	434.2E6	1238.8E6	5647.953	9472.404 #
40)	L8 AR-1262-5	9.309f	0.000	28939722	0	404.640	N.D. #
41)	L9 AR-1268-1	8.605f	0.000	458.3E6	0	1875.099	N.D. #
42)	L9 AR-1268-2	8.680	7.532f	434.2E6	1238.8E6	1911.826	6348.435 #
43)	L9 AR-1268-3	8.928f	7.761	-28885659	80908572	N.D.	471.045 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020623\
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Instrument :
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 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:34:09 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

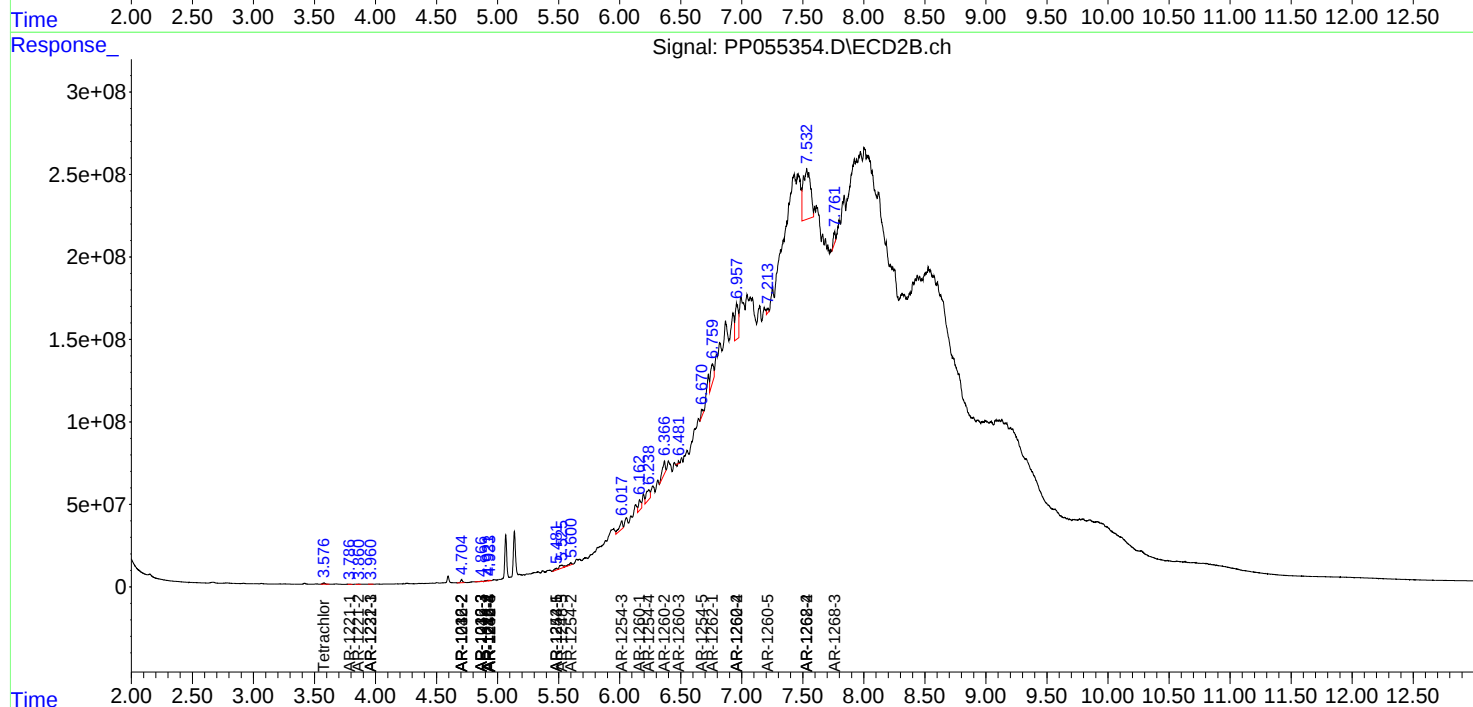
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

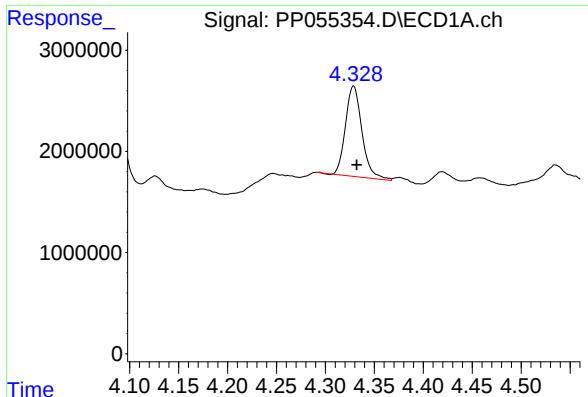
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.309f	0.000	28939722	0	368.441	N.D. #

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

Instrument :
ECD_P
ClientSampleId :

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

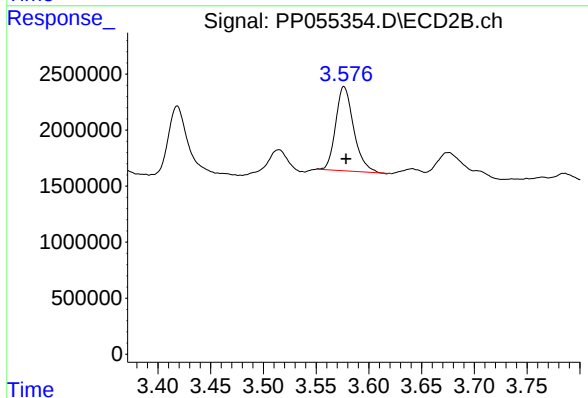




#1 Tetrachloro-m-xylene

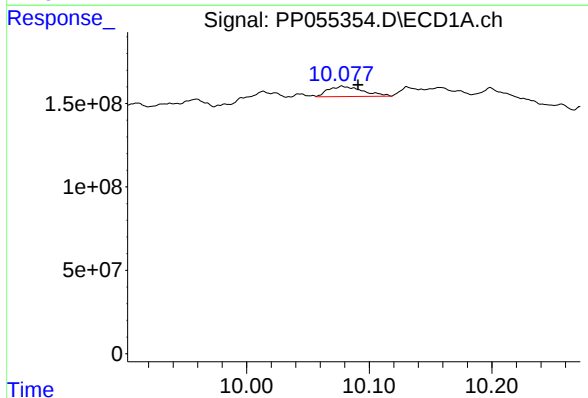
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 10480517
Conc: 6.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



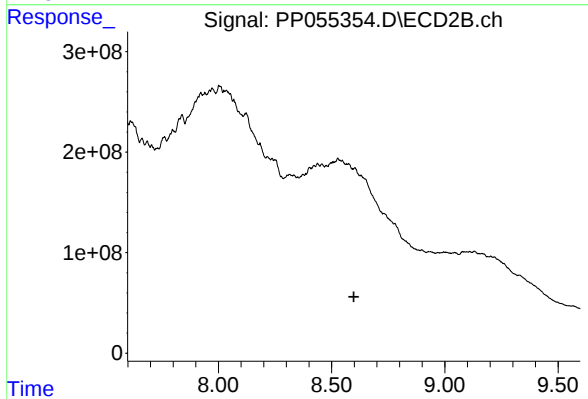
#1 Tetrachloro-m-xylene

R.T.: 3.576 min
Delta R.T.: -0.002 min
Response: 8901180
Conc: 5.93 ng/ml



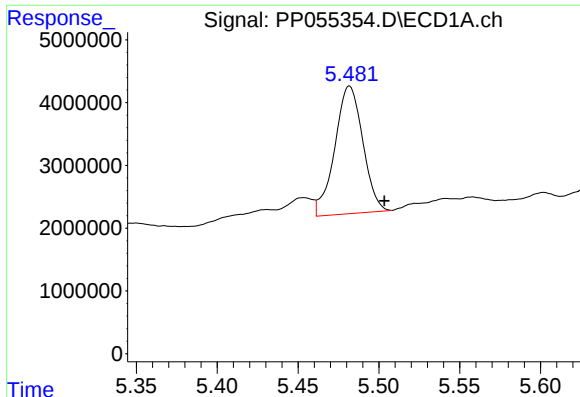
#2 Decachlorobiphenyl

R.T.: 10.078 min
Delta R.T.: -0.013 min
Response: 118751605
Conc: 68.58 ng/ml



#2 Decachlorobiphenyl

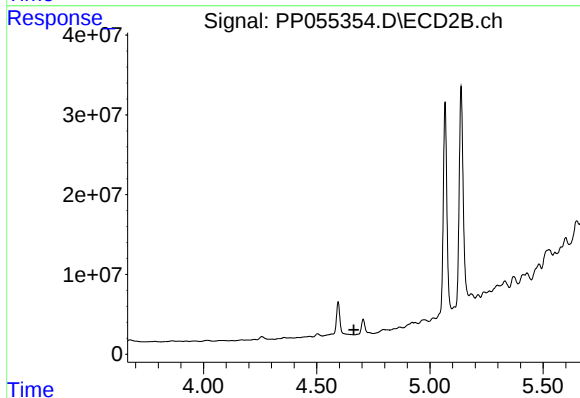
R.T.: 0.000 min
Exp R.T. : 8.598 min
Response: 0
Conc: N.D.



#3 AR-1016-1

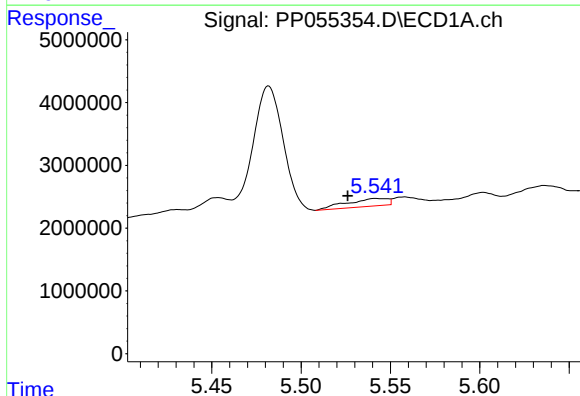
R.T.: 5.482 min
Delta R.T.: -0.022 min
Response: 24506860
Conc: 364.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



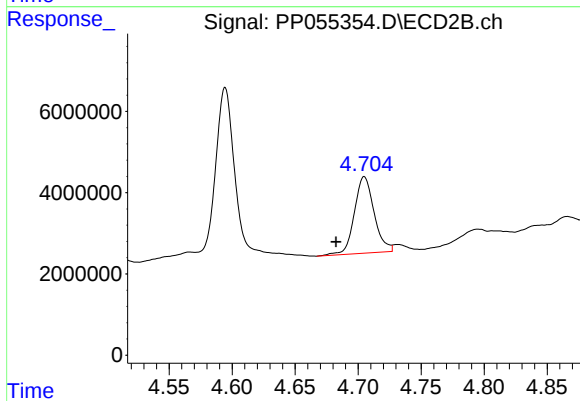
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



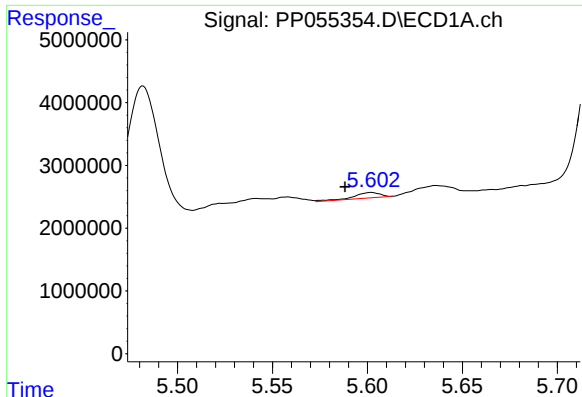
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: 0.016 min
Response: 1960474
Conc: 20.46 ng/ml



#4 AR-1016-2

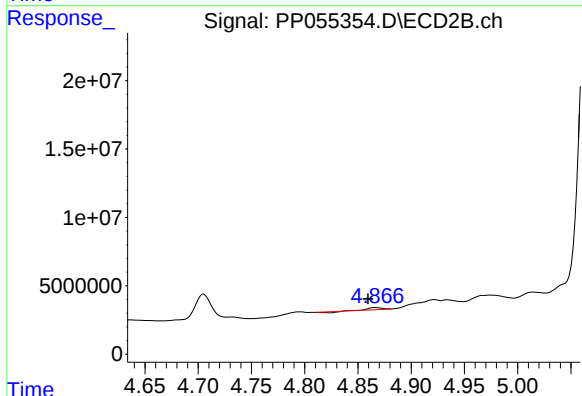
R.T.: 4.705 min
Delta R.T.: 0.022 min
Response: 20565871
Conc: 297.11 ng/ml



#5 AR-1016-3

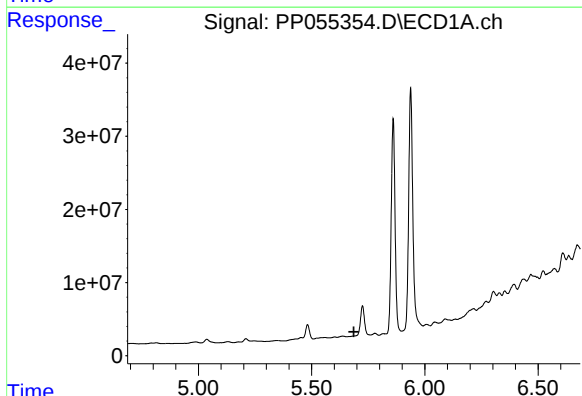
R.T.: 5.602 min
Delta R.T.: 0.014 min
Response: 833231
Conc: 13.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



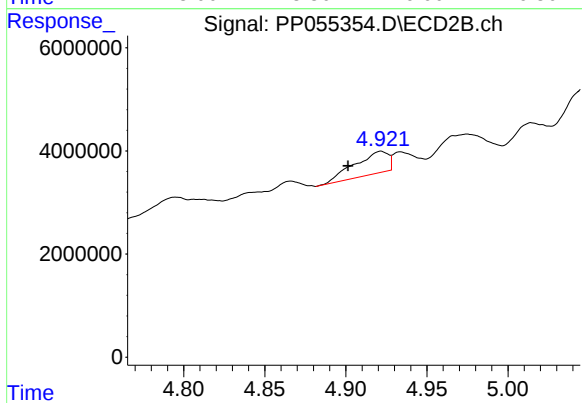
#5 AR-1016-3

R.T.: 4.866 min
Delta R.T.: 0.007 min
Response: 1003900
Conc: 26.99 ng/ml



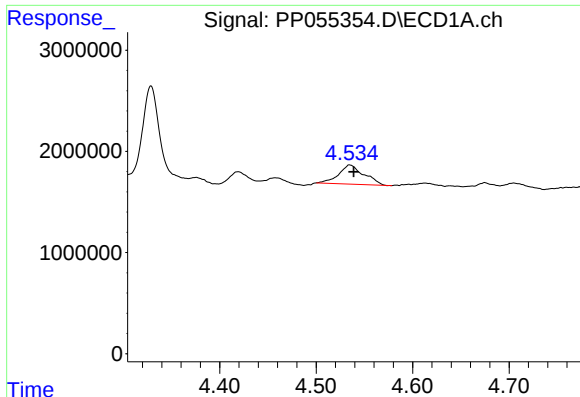
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.687 min
Response: 0
Conc: N.D.



#6 AR-1016-4

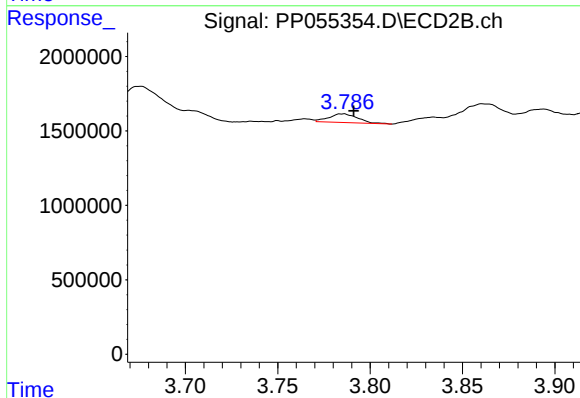
R.T.: 4.922 min
Delta R.T.: 0.020 min
Response: 6168329
Conc: 196.30 ng/ml



#8 AR-1221-1

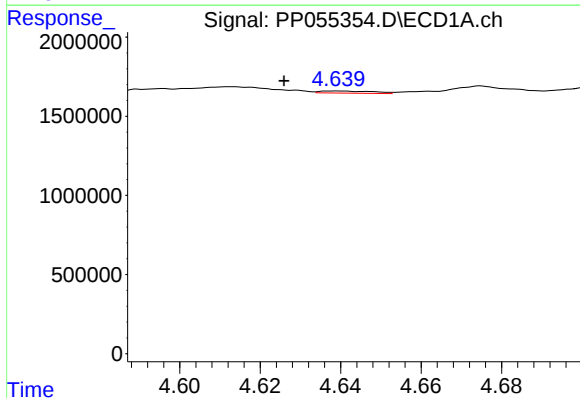
R.T.: 4.535 min
Delta R.T.: -0.004 min
Response: 3444080
Conc: 146.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



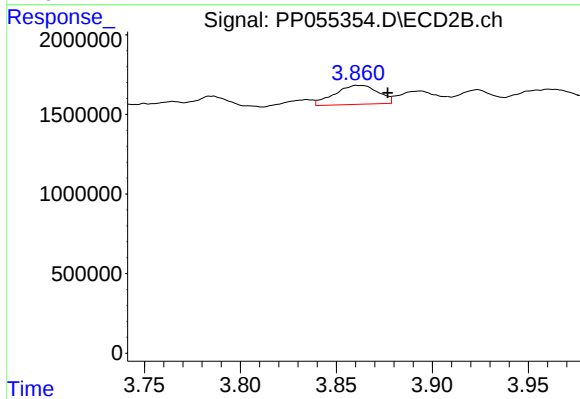
#8 AR-1221-1

R.T.: 3.785 min
Delta R.T.: -0.006 min
Response: 629603
Conc: 31.76 ng/ml



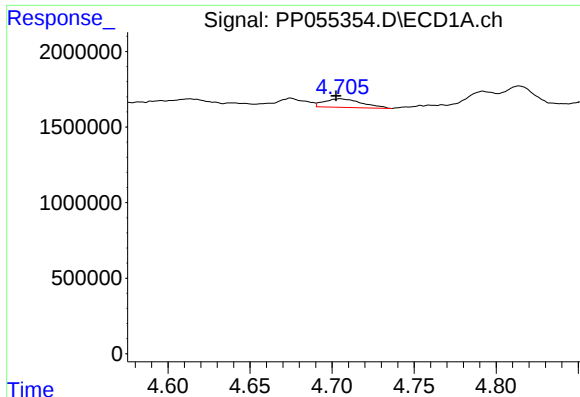
#9 AR-1221-2

R.T.: 4.639 min
Delta R.T.: 0.013 min
Response: 125603
Conc: 7.07 ng/ml



#9 AR-1221-2

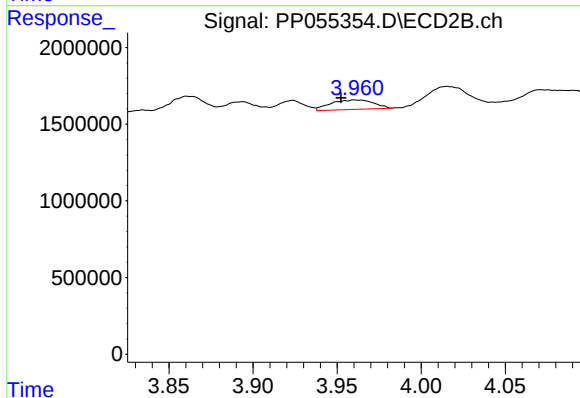
R.T.: 3.861 min
Delta R.T.: -0.015 min
Response: 1890105
Conc: 127.52 ng/ml



#10 AR-1221-3

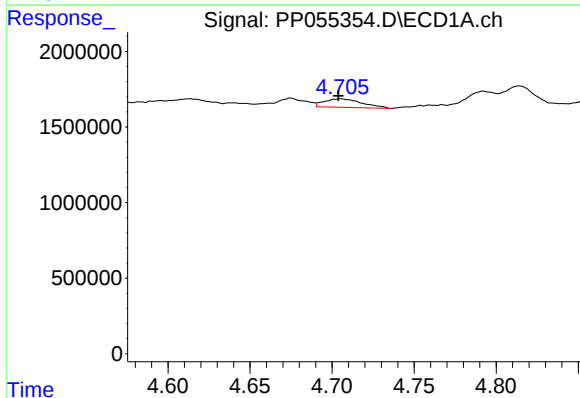
R.T.: 4.705 min
Delta R.T.: 0.003 min
Response: 901623
Conc: 16.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



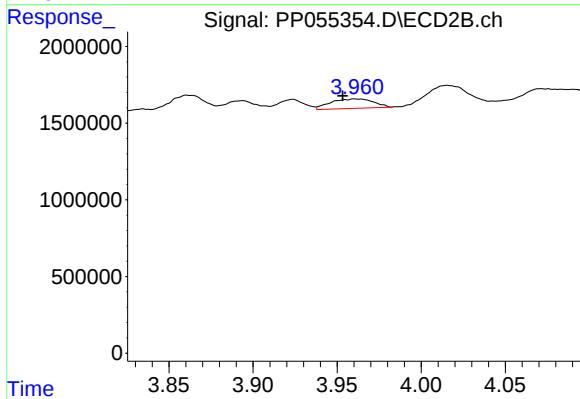
#10 AR-1221-3

R.T.: 3.961 min
Delta R.T.: 0.009 min
Response: 1086709
Conc: 24.09 ng/ml



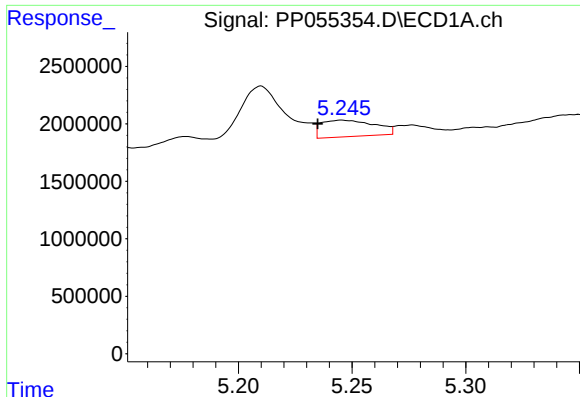
#11 AR-1232-1

R.T.: 4.705 min
Delta R.T.: 0.001 min
Response: 901623
Conc: 20.31 ng/ml



#11 AR-1232-1

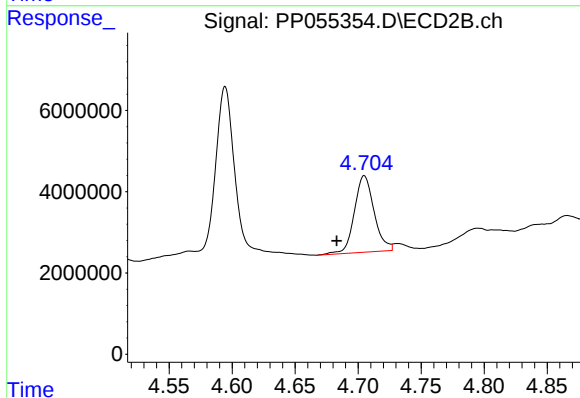
R.T.: 3.961 min
Delta R.T.: 0.008 min
Response: 1086709
Conc: 29.48 ng/ml



#12 AR-1232-2

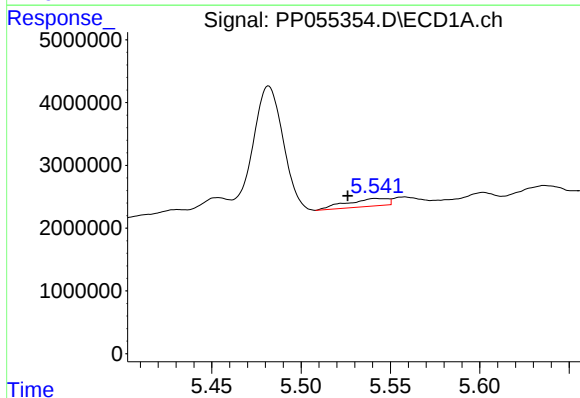
R.T.: 5.246 min
Delta R.T.: 0.011 min
Response: 2351883
Conc: 104.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



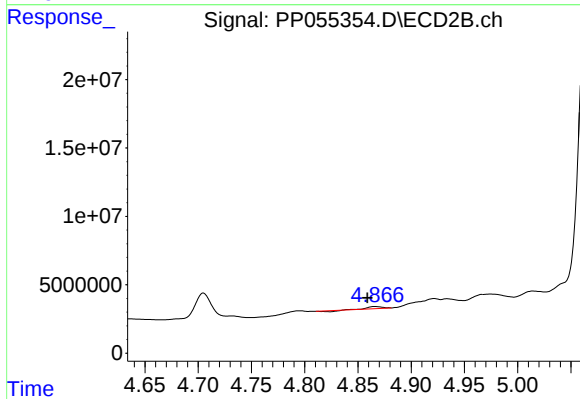
#12 AR-1232-2

R.T.: 4.705 min
Delta R.T.: 0.022 min
Response: 20565871
Conc: 643.84 ng/ml



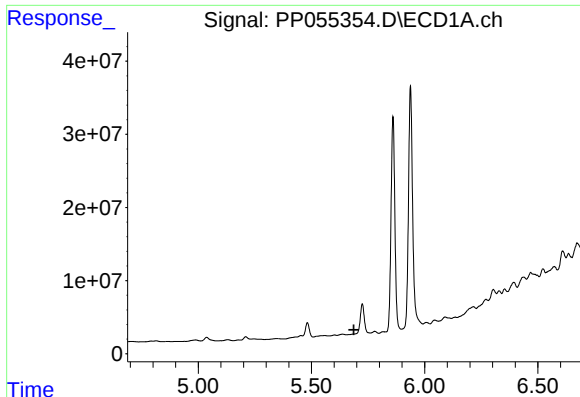
#13 AR-1232-3

R.T.: 5.542 min
Delta R.T.: 0.016 min
Response: 1960474
Conc: 44.64 ng/ml



#13 AR-1232-3

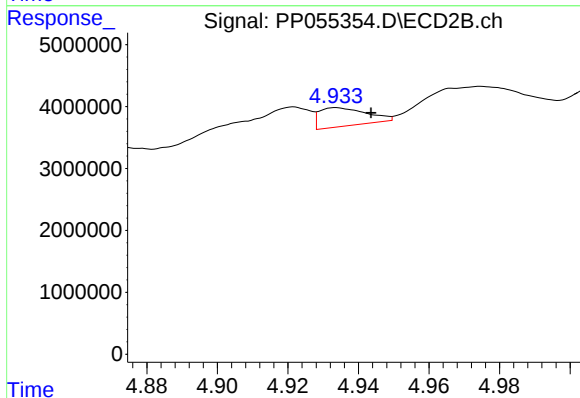
R.T.: 4.866 min
Delta R.T.: 0.007 min
Response: 1003900
Conc: 60.22 ng/ml



#14 AR-1232-4

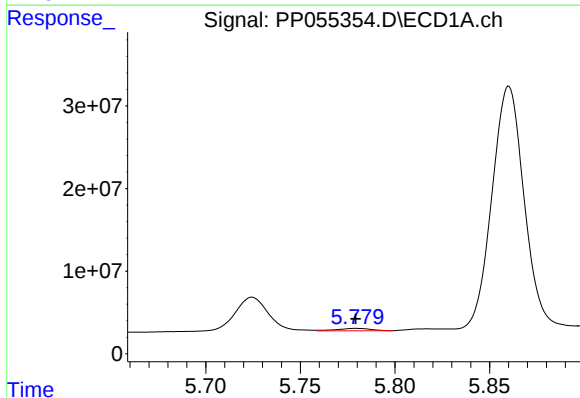
R.T.: 0.000 min
Exp R.T.: 5.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



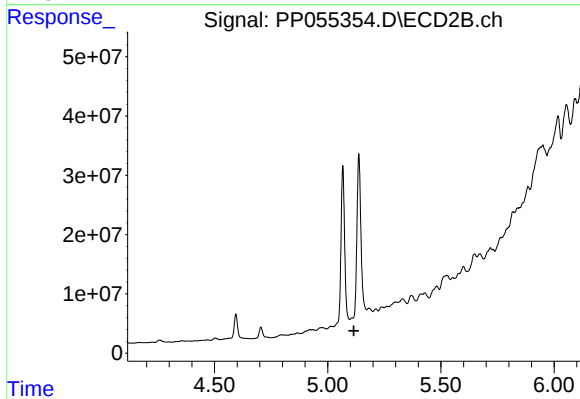
#14 AR-1232-4

R.T.: 4.934 min
Delta R.T.: -0.010 min
Response: 2794670
Conc: 173.30 ng/ml



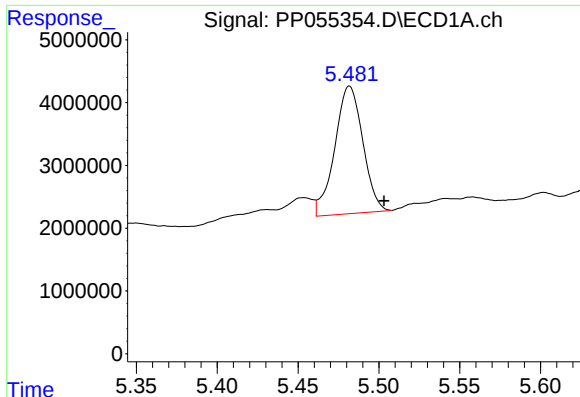
#15 AR-1232-5

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 3636766
Conc: 207.73 ng/ml



#15 AR-1232-5

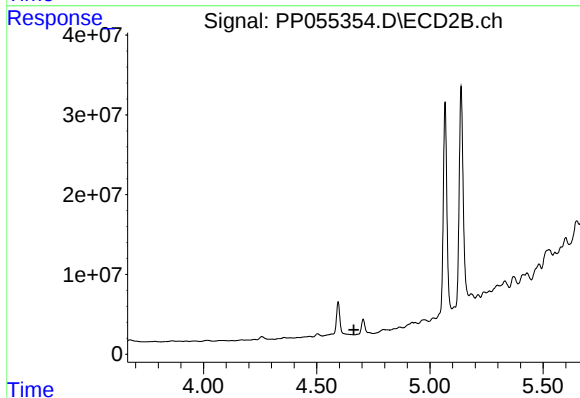
R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: -1790684
Conc: N.D.



#16 AR-1242-1

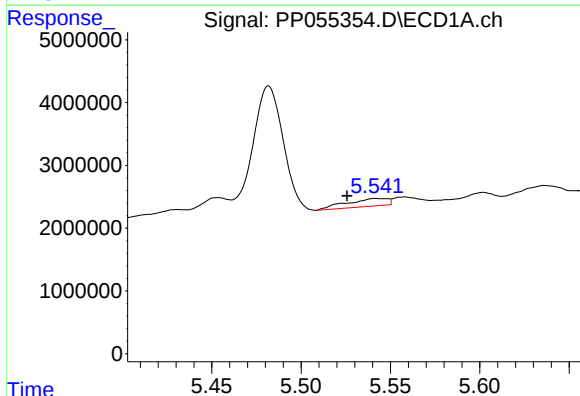
R.T.: 5.482 min
Delta R.T.: -0.021 min
Response: 24506860
Conc: 437.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



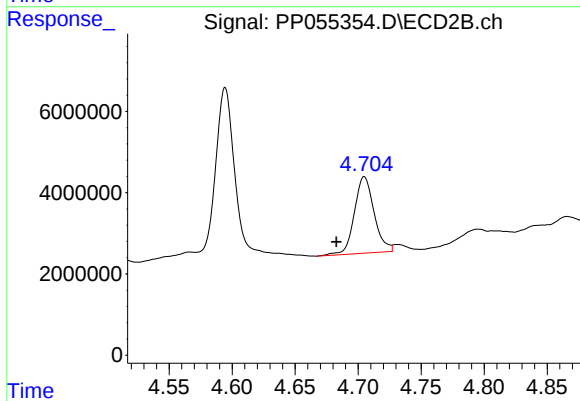
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



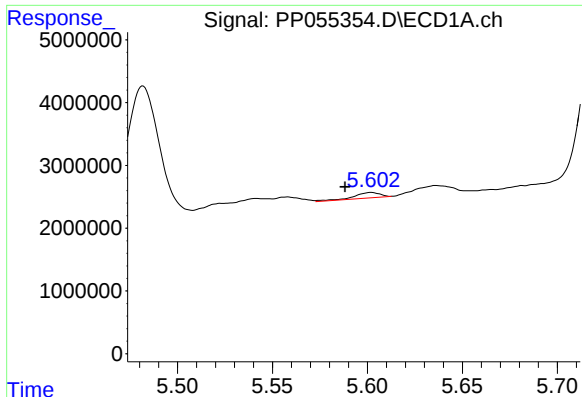
#17 AR-1242-2

R.T.: 5.542 min
Delta R.T.: 0.016 min
Response: 1960474
Conc: 24.56 ng/ml



#17 AR-1242-2

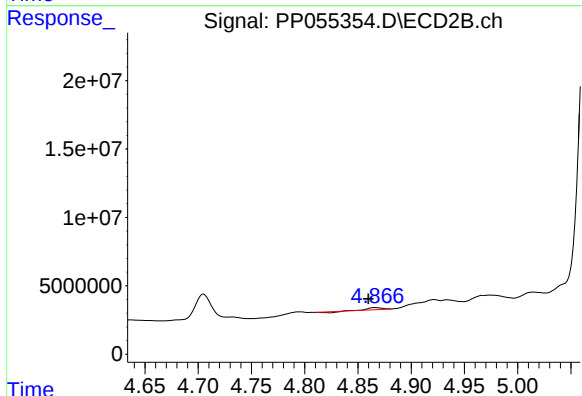
R.T.: 4.705 min
Delta R.T.: 0.022 min
Response: 20565871
Conc: 360.17 ng/ml



#18 AR-1242-3

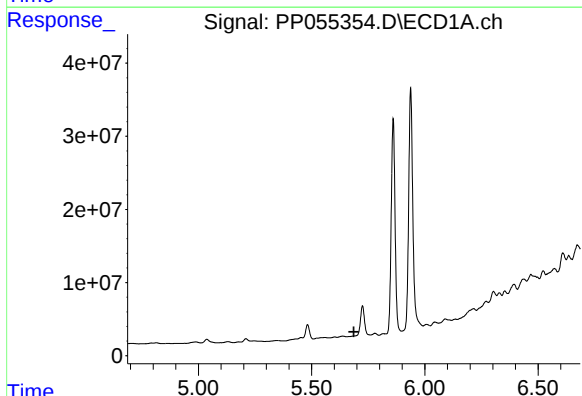
R.T.: 5.602 min
Delta R.T.: 0.014 min
Response: 833231
Conc: 16.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



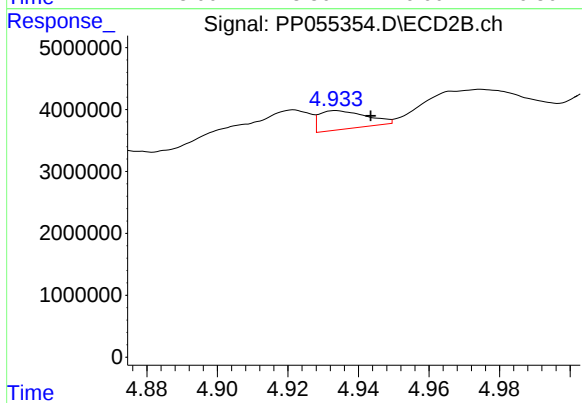
#18 AR-1242-3

R.T.: 4.866 min
Delta R.T.: 0.006 min
Response: 1003900
Conc: 32.52 ng/ml



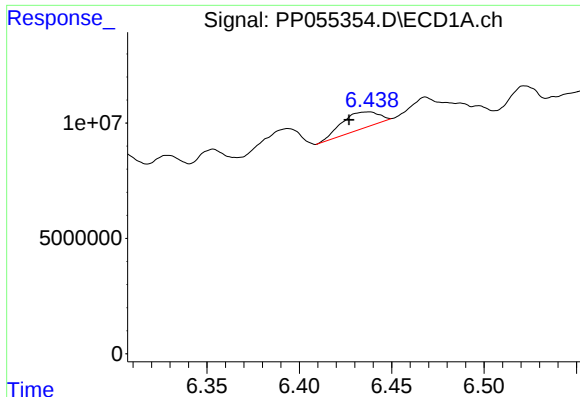
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.687 min
Response: 0
Conc: N.D.



#19 AR-1242-4

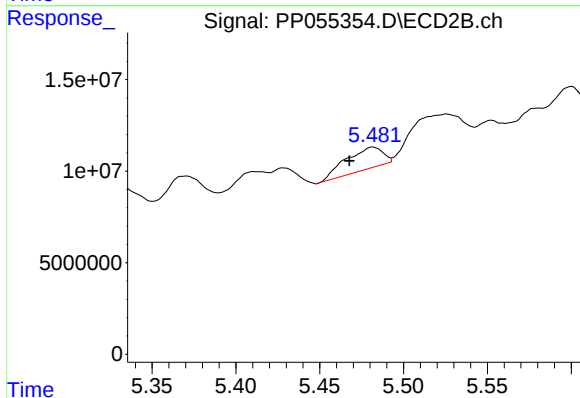
R.T.: 4.934 min
Delta R.T.: -0.010 min
Response: 2794670
Conc: 86.02 ng/ml



#20 AR-1242-5

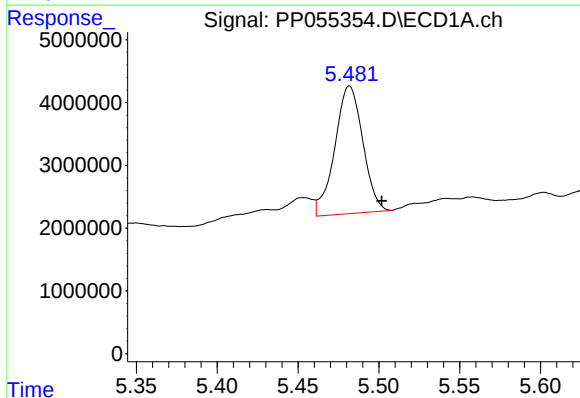
R.T.: 6.437 min
Delta R.T.: 0.011 min
Response: 10004911
Conc: 225.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



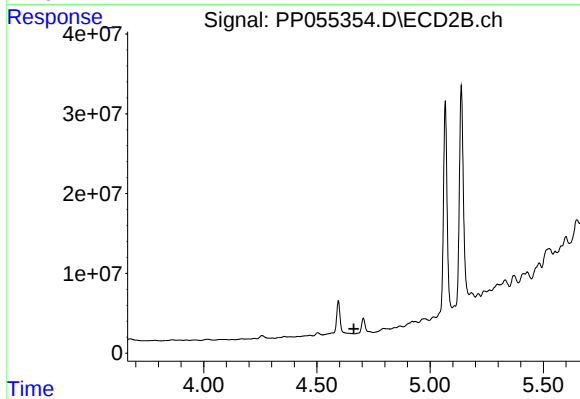
#20 AR-1242-5

R.T.: 5.482 min
Delta R.T.: 0.014 min
Response: 18105886
Conc: 484.48 ng/ml



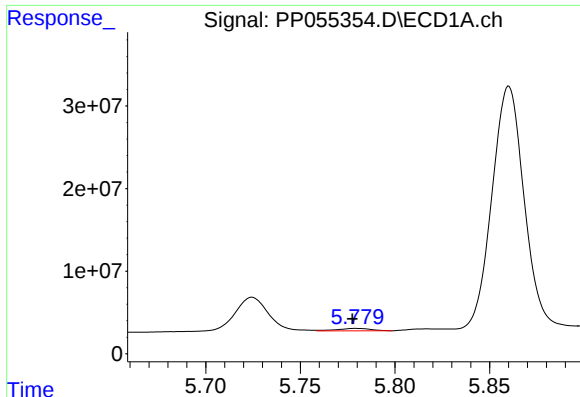
#21 AR-1248-1

R.T.: 5.482 min
Delta R.T.: -0.020 min
Response: 24506860
Conc: 587.64 ng/ml



#21 AR-1248-1

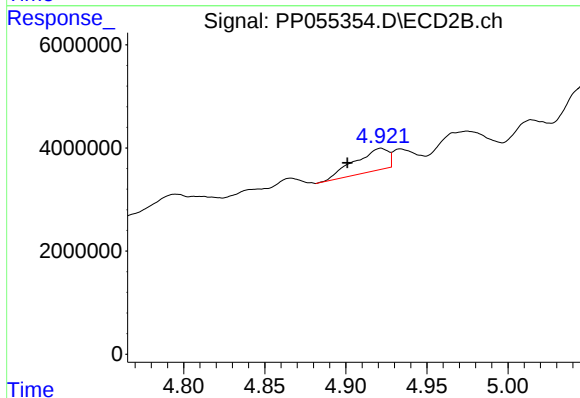
R.T.: 0.000 min
Exp R.T. : 4.663 min
Response: 0
Conc: N.D.



#22 AR-1248-2

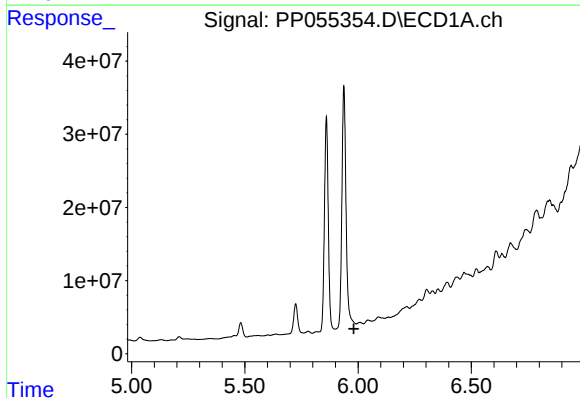
R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 3636766
Conc: 57.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



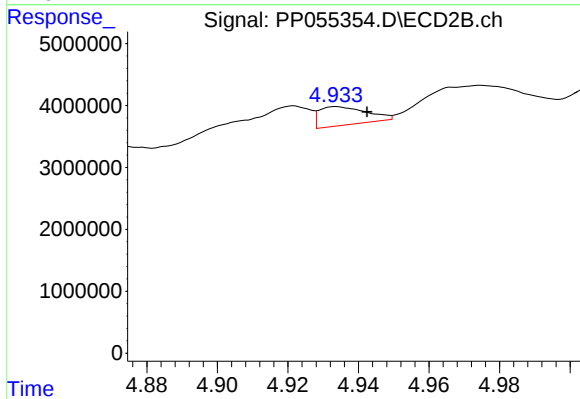
#22 AR-1248-2

R.T.: 4.922 min
Delta R.T.: 0.021 min
Response: 6168329
Conc: 134.89 ng/ml



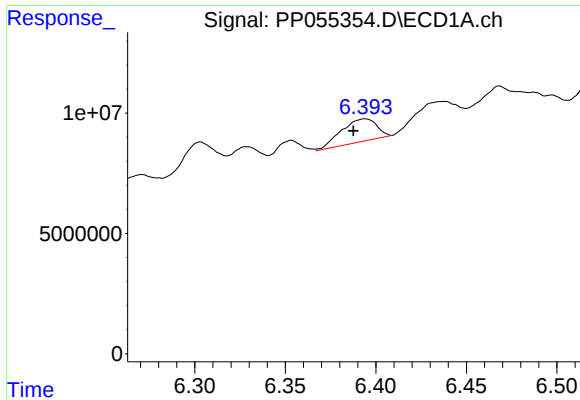
#23 AR-1248-3

R.T.: 6.007 min
Delta R.T.: 0.026 min
Response: -4767636
Conc: N.D.



#23 AR-1248-3

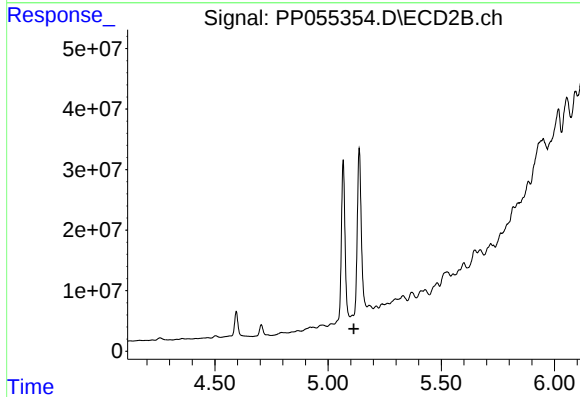
R.T.: 4.934 min
Delta R.T.: -0.009 min
Response: 2794670
Conc: 58.62 ng/ml



#24 AR-1248-4

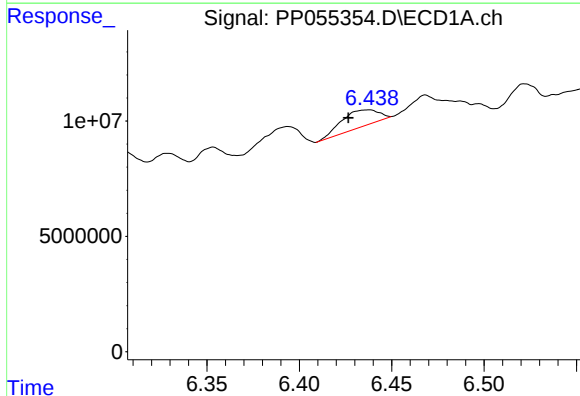
R.T.: 6.394 min
Delta R.T.: 0.006 min
Response: 12832675
Conc: 169.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



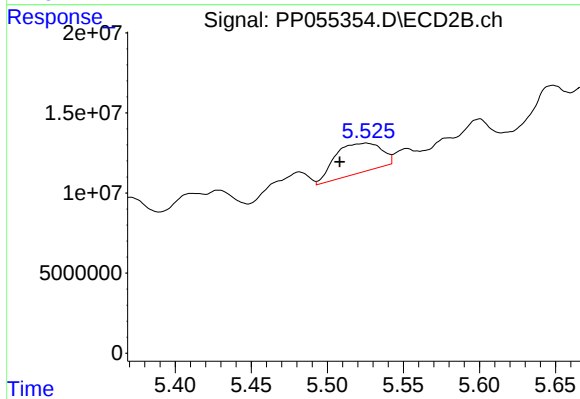
#24 AR-1248-4

R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: -1790684
Conc: N.D.



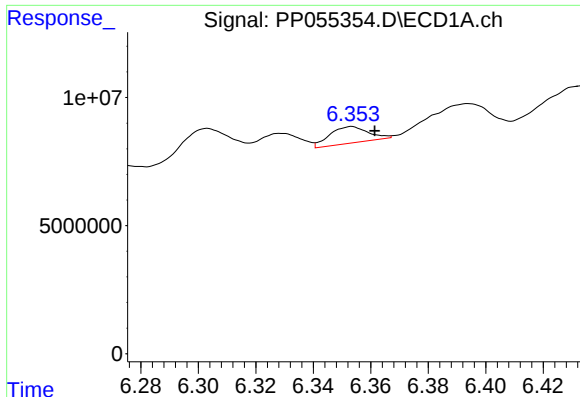
#25 AR-1248-5

R.T.: 6.437 min
Delta R.T.: 0.011 min
Response: 10004911
Conc: 135.58 ng/ml



#25 AR-1248-5

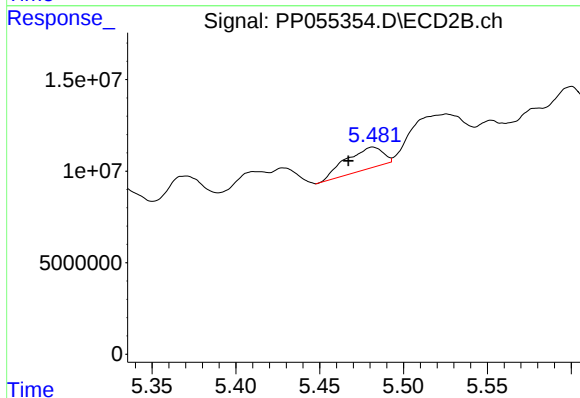
R.T.: 5.525 min
Delta R.T.: 0.017 min
Response: 39066262
Conc: 794.50 ng/ml



#26 AR-1254-1

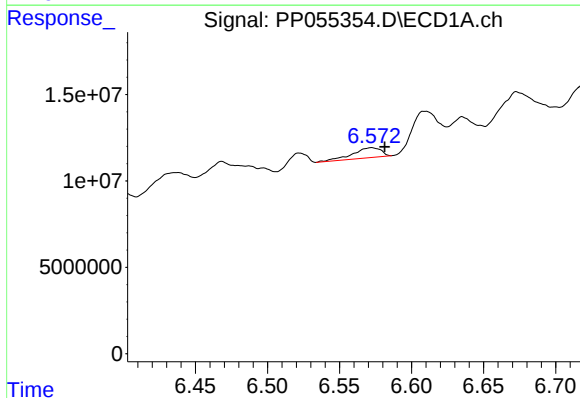
R.T.: 6.353 min
Delta R.T.: -0.008 min
Response: 5983302
Conc: 75.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



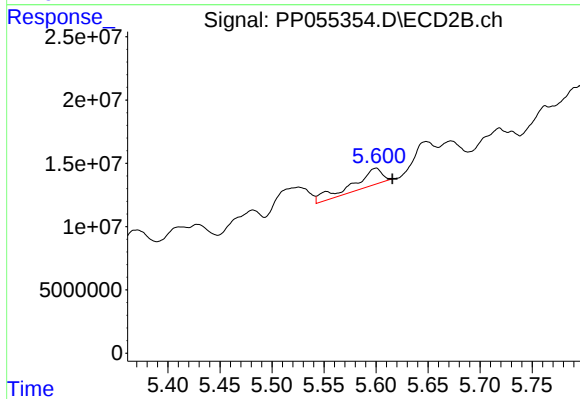
#26 AR-1254-1

R.T.: 5.482 min
Delta R.T.: 0.015 min
Response: 18105886
Conc: 224.20 ng/ml



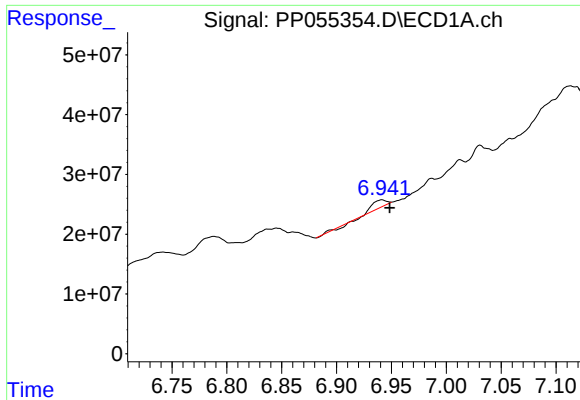
#27 AR-1254-2

R.T.: 6.572 min
Delta R.T.: -0.009 min
Response: 7948672
Conc: 65.68 ng/ml



#27 AR-1254-2

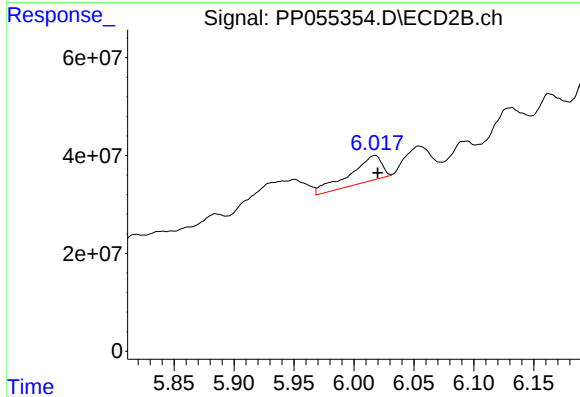
R.T.: 5.600 min
Delta R.T.: -0.016 min
Response: 26399411
Conc: 368.90 ng/ml



#28 AR-1254-3

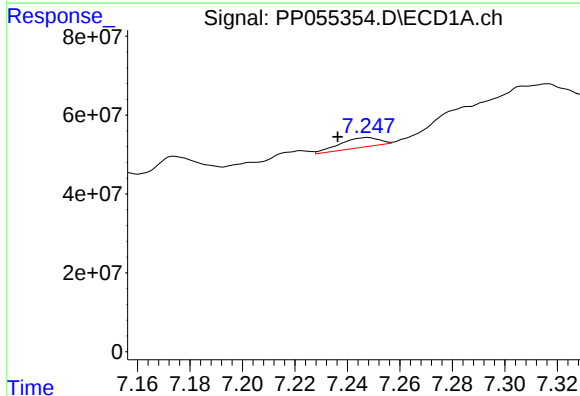
R.T.: 6.941 min
Delta R.T.: -0.007 min
Response: 8681164
Conc: 70.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



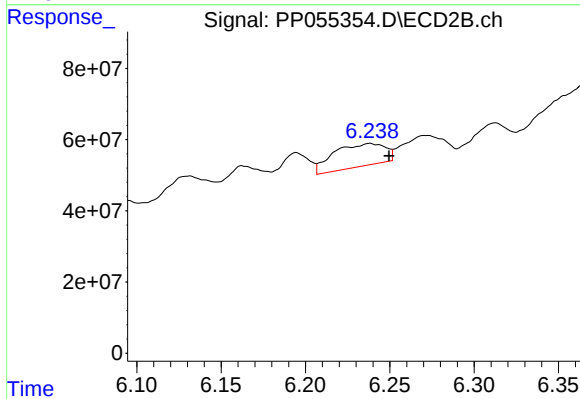
#28 AR-1254-3

R.T.: 6.017 min
Delta R.T.: -0.003 min
Response: 96503455
Conc: 866.22 ng/ml



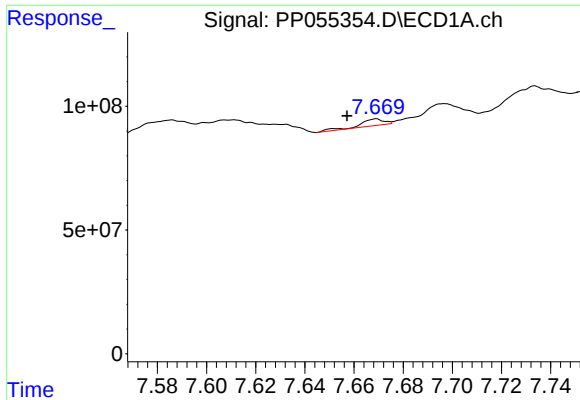
#29 AR-1254-4

R.T.: 7.248 min
Delta R.T.: 0.011 min
Response: 25805689
Conc: 292.87 ng/ml



#29 AR-1254-4

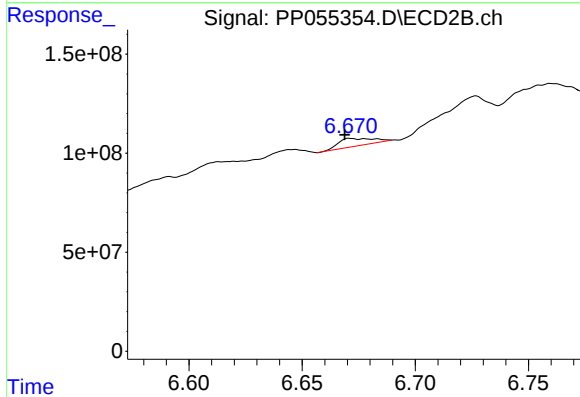
R.T.: 6.239 min
Delta R.T.: -0.011 min
Response: 135361378
Conc: 2200.73 ng/ml



#30 AR-1254-5

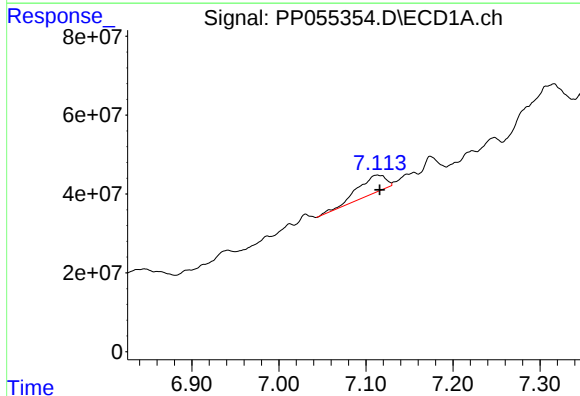
R.T.: 7.669 min
Delta R.T.: 0.012 min
Response: 18791851
Conc: 185.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



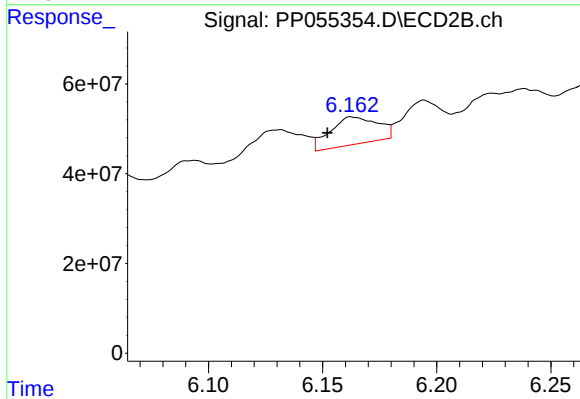
#30 AR-1254-5

R.T.: 6.674 min
Delta R.T.: 0.005 min
Response: 40375651
Conc: 425.89 ng/ml



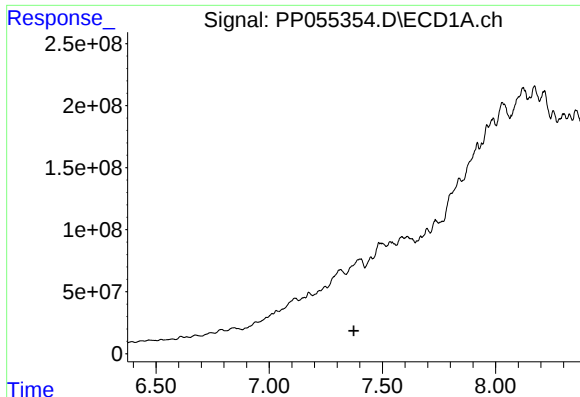
#31 AR-1260-1

R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 100613391
Conc: 1055.46 ng/ml



#31 AR-1260-1

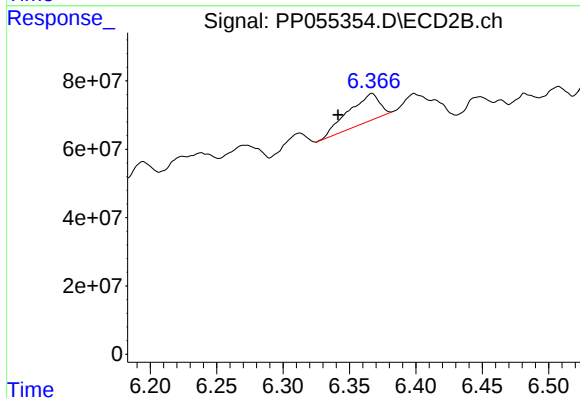
R.T.: 6.164 min
Delta R.T.: 0.012 min
Response: 88266266
Conc: 1138.27 ng/ml



#32 AR-1260-2

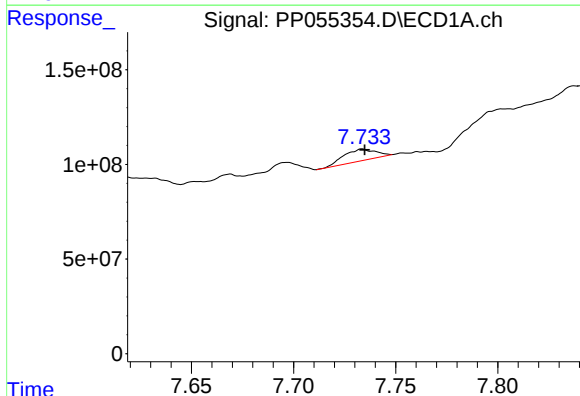
R.T.: 0.000 min
Exp R.T.: 7.374 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



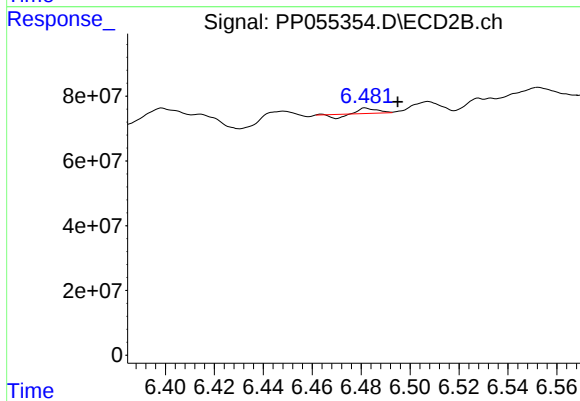
#32 AR-1260-2

R.T.: 6.367 min
Delta R.T.: 0.025 min
Response: 132701875
Conc: 1476.14 ng/ml



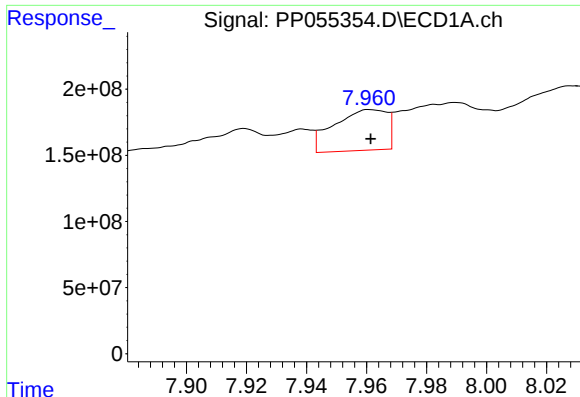
#33 AR-1260-3

R.T.: 7.734 min
Delta R.T.: -0.001 min
Response: 66072772
Conc: 820.59 ng/ml



#33 AR-1260-3

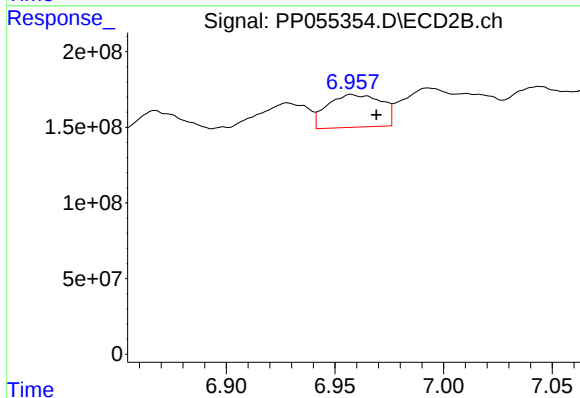
R.T.: 6.483 min
Delta R.T.: -0.012 min
Response: 4945213
Conc: 58.24 ng/ml



#34 AR-1260-4

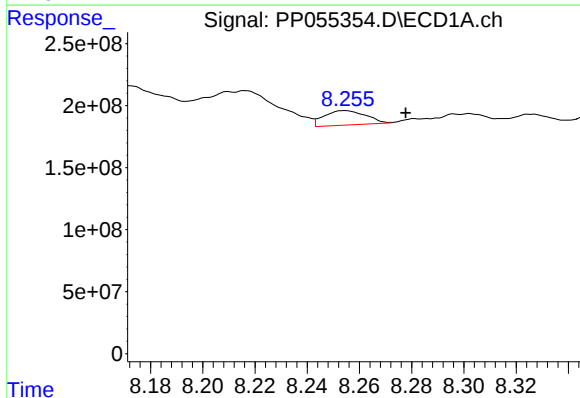
R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 378375198
Conc: 3897.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



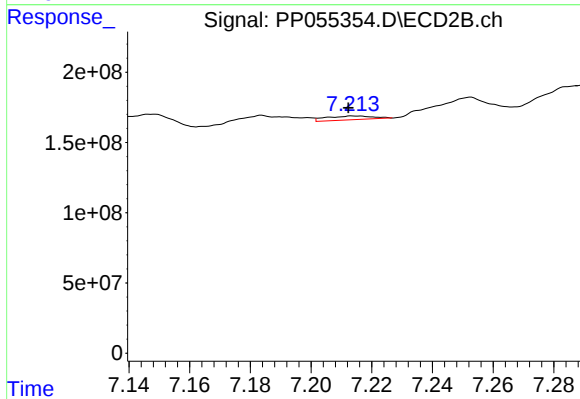
#34 AR-1260-4

R.T.: 6.959 min
Delta R.T.: -0.010 min
Response: 372041823
Conc: 5195.91 ng/ml



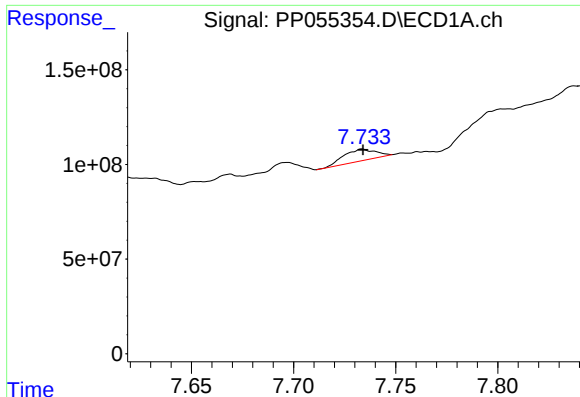
#35 AR-1260-5

R.T.: 8.254 min
Delta R.T.: -0.023 min
Response: 129200336
Conc: 726.45 ng/ml



#35 AR-1260-5

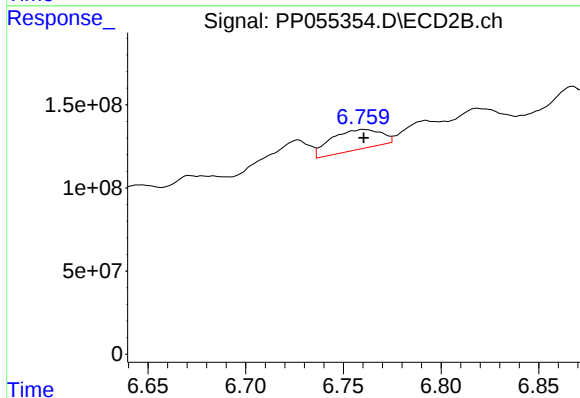
R.T.: 7.215 min
Delta R.T.: 0.003 min
Response: 28394718
Conc: 184.70 ng/ml



#36 AR-1262-1

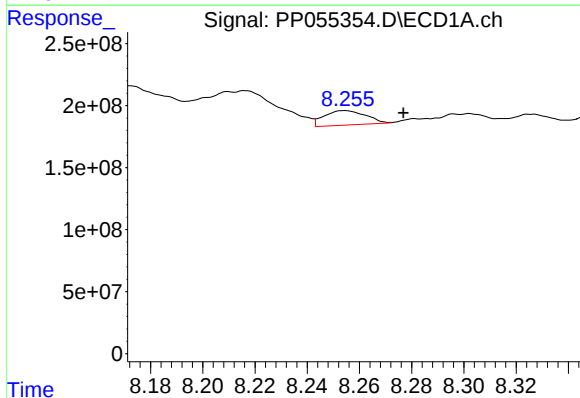
R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 66072772
Conc: 560.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



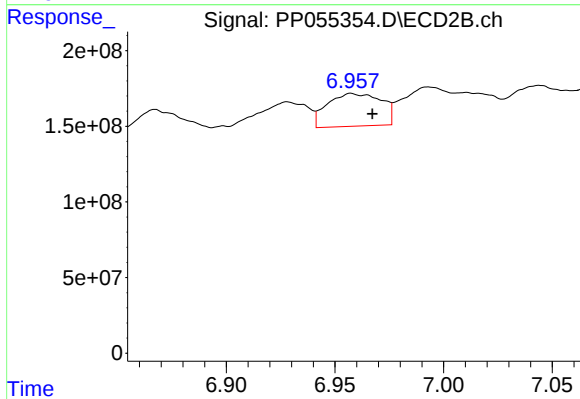
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 214614718
Conc: 4995.52 ng/ml



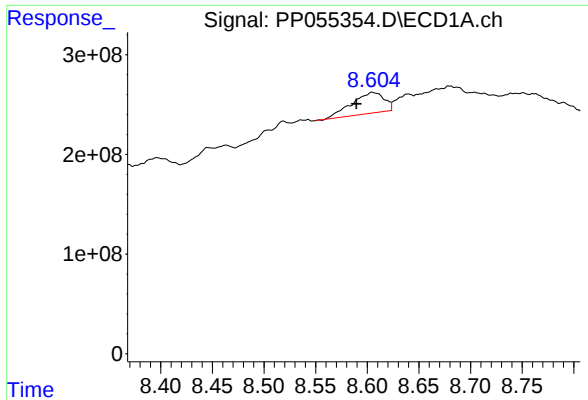
#37 AR-1262-2

R.T.: 8.254 min
Delta R.T.: -0.023 min
Response: 129200336
Conc: 641.47 ng/ml



#37 AR-1262-2

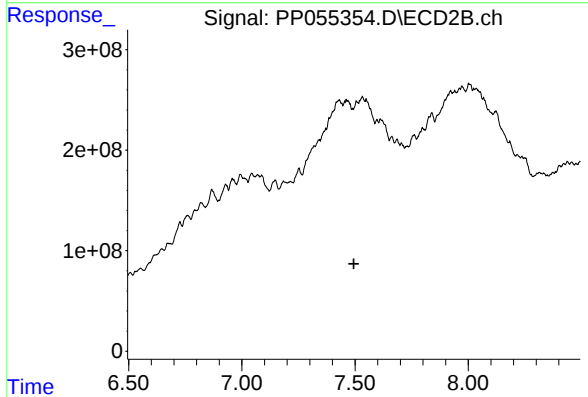
R.T.: 6.959 min
Delta R.T.: -0.008 min
Response: 372041823
Conc: 4016.73 ng/ml



#38 AR-1262-3

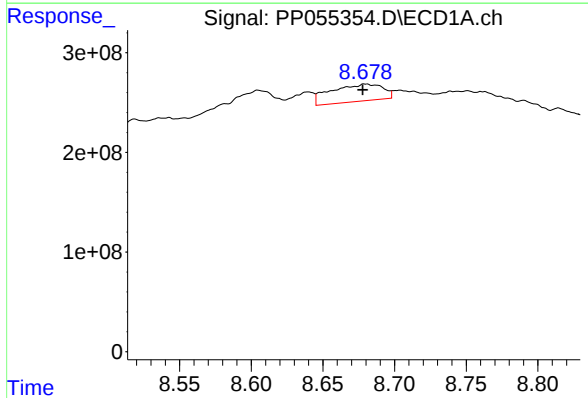
R.T.: 8.605 min
Delta R.T.: 0.015 min
Response: 458287390
Conc: 3295.34 ng/m

Instrument :
ECD_P
ClientSampleId :



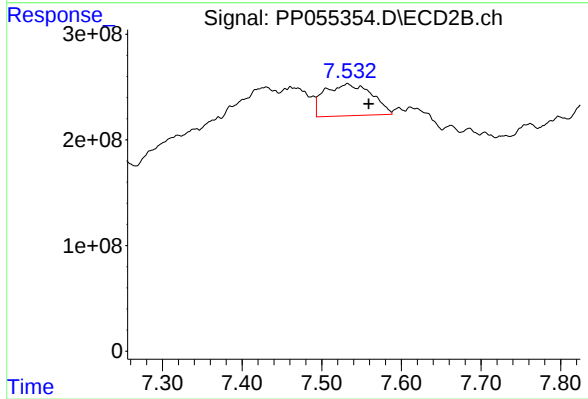
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.495 min
Response: 0
Conc: N.D.



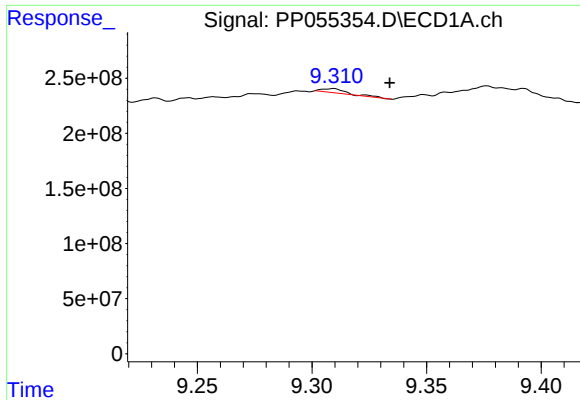
#39 AR-1262-4

R.T.: 8.680 min
Delta R.T.: 0.002 min
Response: 434222153
Conc: 5647.95 ng/ml



#39 AR-1262-4

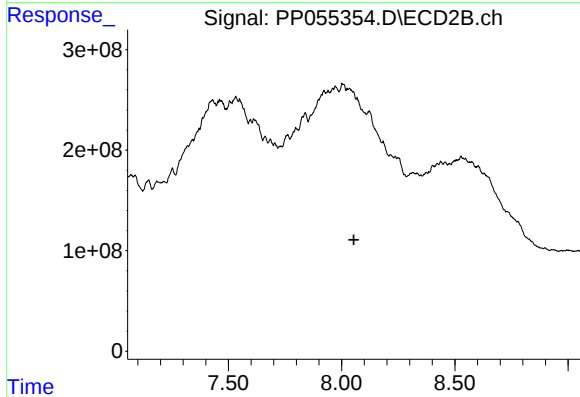
R.T.: 7.532 min
Delta R.T.: -0.027 min
Response: 1238795174
Conc: 9472.40 ng/ml



#40 AR-1262-5

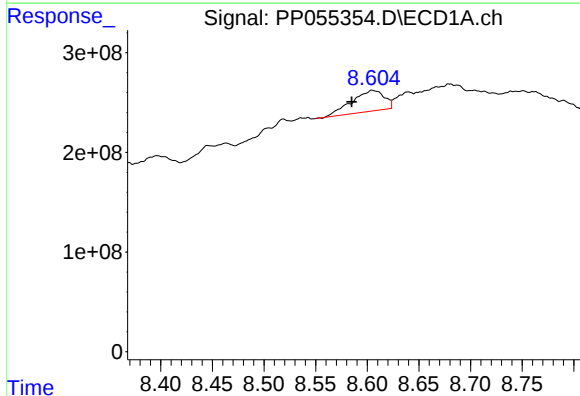
R.T.: 9.309 min
Delta R.T.: -0.025 min
Response: 28939722
Conc: 404.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



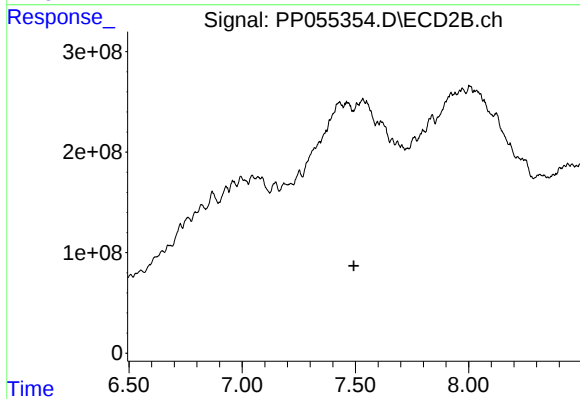
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



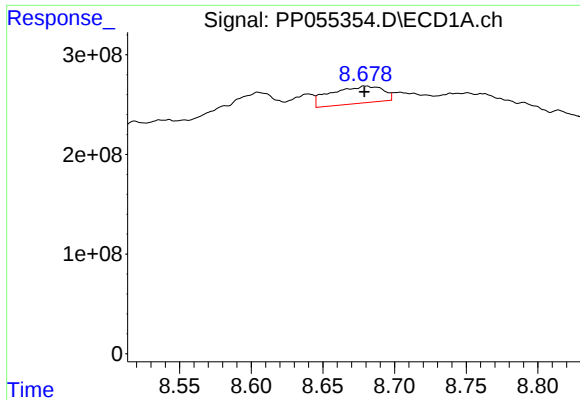
#41 AR-1268-1

R.T.: 8.605 min
Delta R.T.: 0.020 min
Response: 458287390
Conc: 1875.10 ng/ml



#41 AR-1268-1

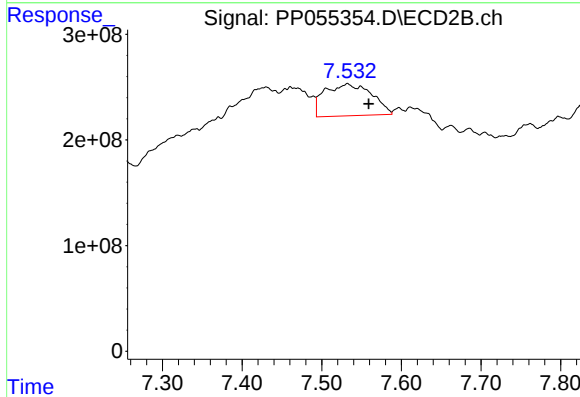
R.T.: 0.000 min
Exp R.T. : 7.493 min
Response: 0
Conc: N.D.



#42 AR-1268-2

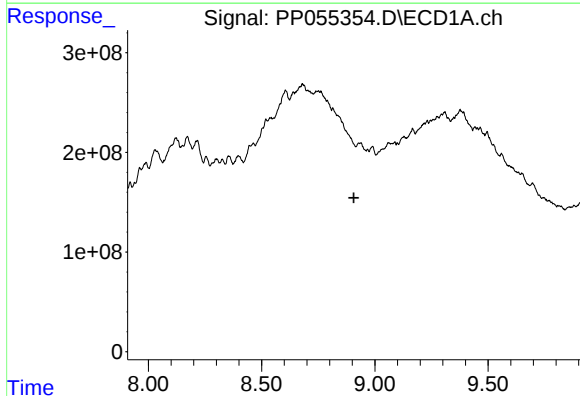
R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 434222153
Conc: 1911.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



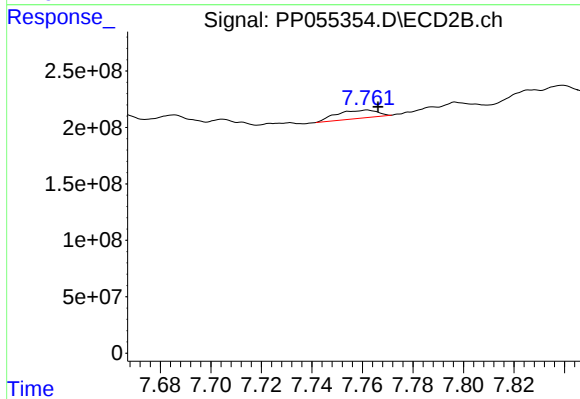
#42 AR-1268-2

R.T.: 7.532 min
Delta R.T.: -0.027 min
Response: 1238795174
Conc: 6348.44 ng/ml



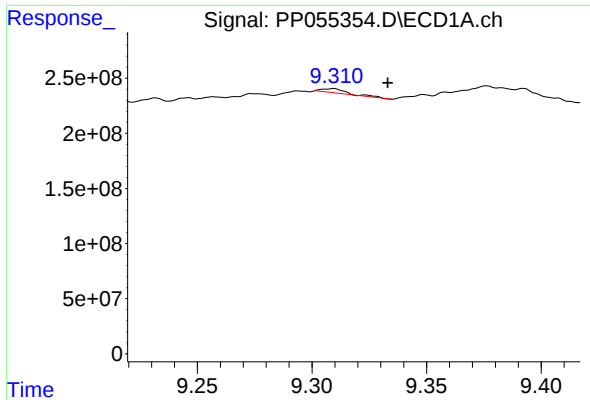
#43 AR-1268-3

R.T.: 8.928 min
Delta R.T.: 0.021 min
Response: -28885659
Conc: N.D.



#43 AR-1268-3

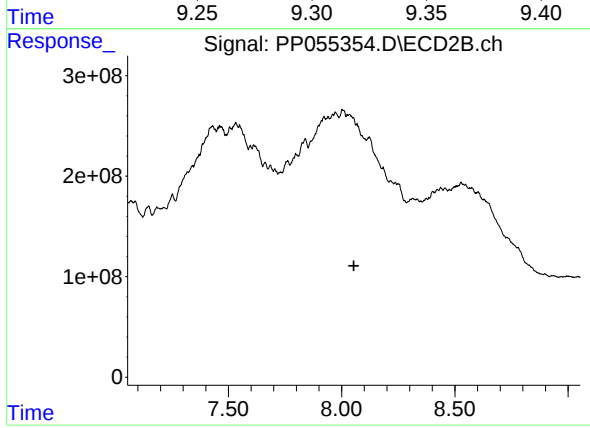
R.T.: 7.761 min
Delta R.T.: -0.005 min
Response: 80908572
Conc: 471.05 ng/ml



#44 AR-1268-4

R.T.: 9.309 min
Delta R.T.: -0.024 min
Response: 28939722
Conc: 368.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.