

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP013123\
 Data File : PP055154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 17:19
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 21:03:41 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	3.575	90015003	77591259	51.771	51.686
2)	SA Decachlor...	10.083	8.588	94529785	76656637	54.589	56.759
Target Compounds							
3)	L1 AR-1016-1	5.500	4.660	998734	771756	14.860	15.593
4)	L1 AR-1016-2	5.526	4.677	1291404	663787	13.476	9.590 #
5)	L1 AR-1016-3	5.585	4.855	570800	447313	9.543	12.026 #
6)	L1 AR-1016-4	5.683	4.897	538436	18167563	11.237	578.175 #
7)	L1 AR-1016-5	5.979	5.110	13862708	11517435	273.566	281.707
8)	L2 AR-1221-1	4.538	3.784	75443	122419	3.208	6.174 #
9)	L2 AR-1221-2	4.636	3.874	1278084	1049588	71.936	70.811
10)	L2 AR-1221-3	4.701	3.950	461245	283935	8.572	6.294 #
11)	L3 AR-1232-1	4.701	3.950	461245	283935	10.392	7.703 #
12)	L3 AR-1232-2	5.232	4.677	567059	663787	25.075	20.781
13)	L3 AR-1232-3	5.526	4.855	1291404	447313	29.405	26.832
14)	L3 AR-1232-4	5.683	4.937	538436	5604064	24.326	347.515 #
15)	L3 AR-1232-5	5.775	5.110	23480137	11517435	1341.183	652.122 #
16)	L4 AR-1242-1	5.500	4.660	998734	771756	17.838	18.841
17)	L4 AR-1242-2	5.526	4.677	1291404	663787	16.177	11.625 #
18)	L4 AR-1242-3	5.585	4.855	570800	447313	11.494	14.491 #
19)	L4 AR-1242-4	5.683	4.937	538436	5604064	13.435	172.501 #
20)	L4 AR-1242-5	6.427	5.463	13463166	42851985	302.792	1146.643 #
21)	L5 AR-1248-1	5.500	4.660	998734	771756	23.948	24.893
22)	L5 AR-1248-2	5.775	4.897	23480137	18167563	369.334	397.301
23)	L5 AR-1248-3	5.979	4.937	13862708	5604064	200.449	117.552 #
24)	L5 AR-1248-4	6.385	5.110	19982427	11517435	263.502	208.547
25)	L5 AR-1248-5	6.427	5.503	13463166	5157709	182.445	104.894 #
26)	L6 AR-1254-1	6.359	5.463	38244747	42851985	484.771	530.621
27)	L6 AR-1254-2	6.579	5.611	61825611	37450073	510.858	523.319
28)	L6 AR-1254-3	6.946	6.016	64328221	58998655	525.171	529.575
29)	L6 AR-1254-4	7.233	6.245	48296733	32305061	548.129	525.222
30)	L6 AR-1254-5	7.654	6.664	51888125	50316893	512.927	530.746
31)	L7 AR-1260-1	7.112	6.147	26671774	29177125	279.794	376.263 #
32)	L7 AR-1260-2	7.370	6.335	32257937	23141057	286.619	257.414
33)	L7 AR-1260-3	7.714f	6.488	7408882	23956205	92.014	282.134 #
34)	L7 AR-1260-4	7.943f	6.962	20978553	2547127	216.103	35.573 #
35)	L7 AR-1260-5	8.273	7.205	7286332	5880285	40.969	38.249
36)	L8 AR-1262-1	7.714f	6.754	7408882	1809714	62.797	42.124 #
37)	L8 AR-1262-2	8.273	6.962	7286332	2547127	36.176	27.500
38)	L8 AR-1262-3	8.598	7.490	5292372	223202	38.055	3.063 #
39)	L8 AR-1262-4	8.690	7.551	106588	5619945	1.386	42.973 #
40)	L8 AR-1262-5	9.326	8.049	211768	232181	2.961	3.914 #
41)	L9 AR-1268-1	8.598	7.490	5292372	223202	21.654	1.032 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP013123\
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Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
 Integrator: ChemStation

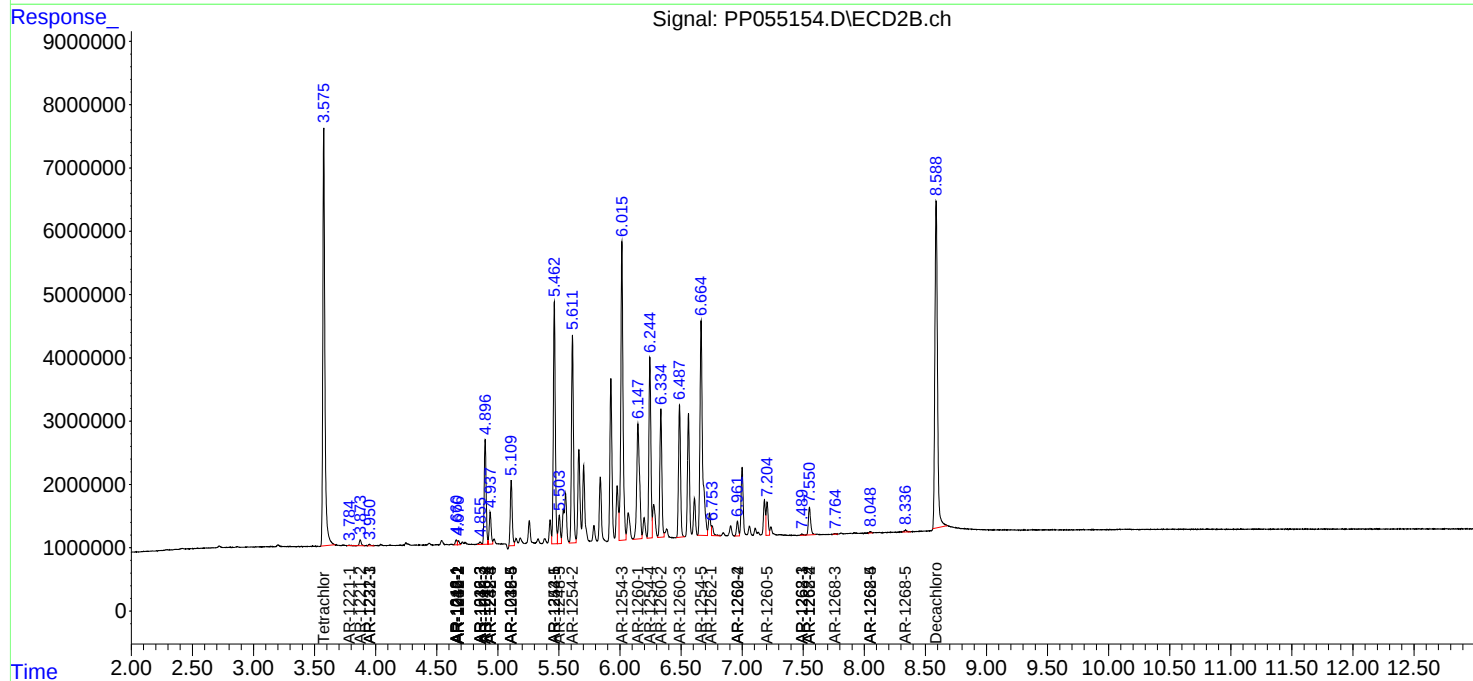
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

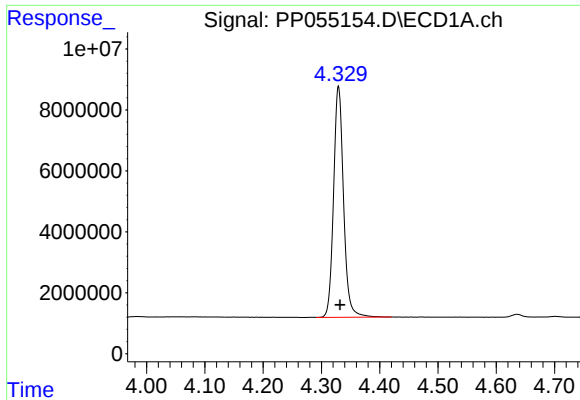
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.690	7.551	106588	5619945	0.469	28.800 #
43) L9	AR-1268-3	8.908	7.762	159872	108055	0.800	0.629
44) L9	AR-1268-4	9.326	8.049	211768	232181	2.696	3.640 #
45) L9	AR-1268-5	9.740	8.337	395676	432871	0.622	0.822 #

(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

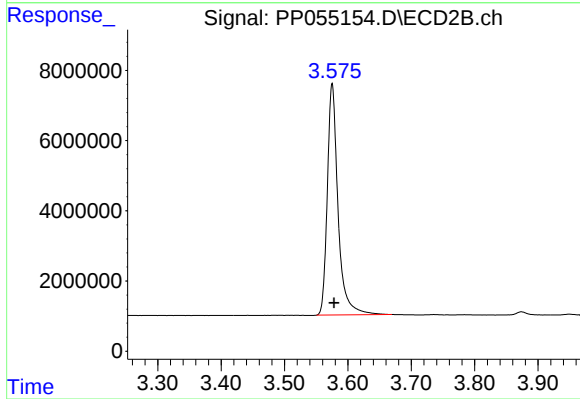




#1 Tetrachloro-m-xylene

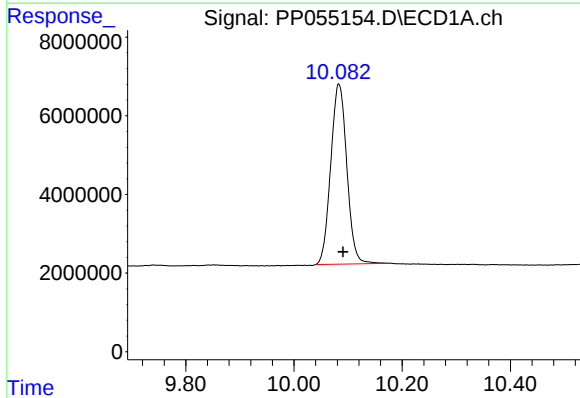
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 90015003
Conc: 51.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



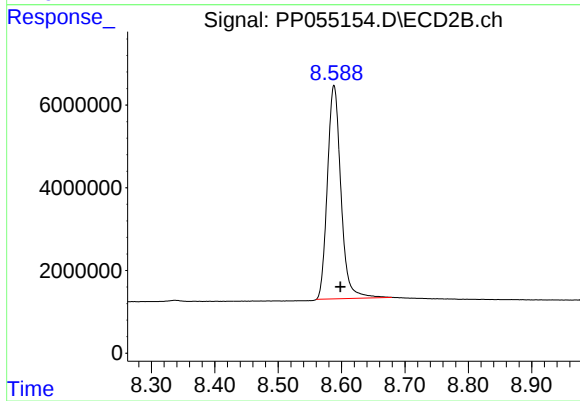
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: -0.003 min
Response: 77591259
Conc: 51.69 ng/ml



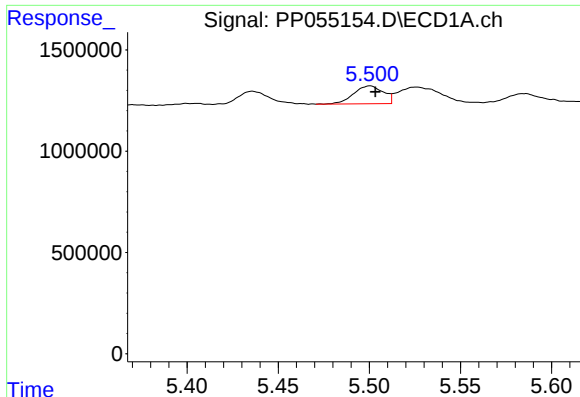
#2 Decachlorobiphenyl

R.T.: 10.083 min
Delta R.T.: -0.008 min
Response: 94529785
Conc: 54.59 ng/ml



#2 Decachlorobiphenyl

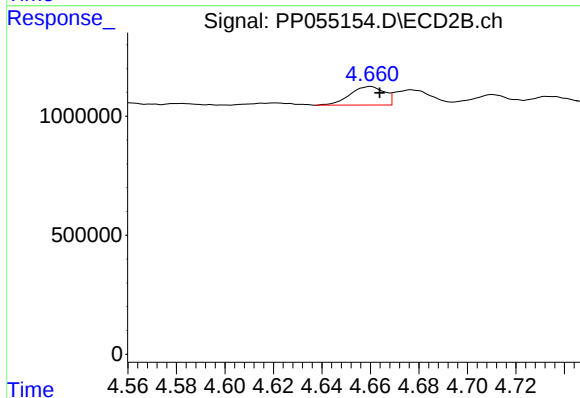
R.T.: 8.588 min
Delta R.T.: -0.010 min
Response: 76656637
Conc: 56.76 ng/ml



#3 AR-1016-1

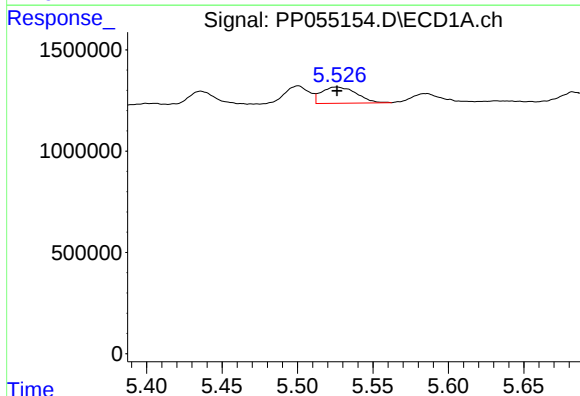
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 998734
Conc: 14.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



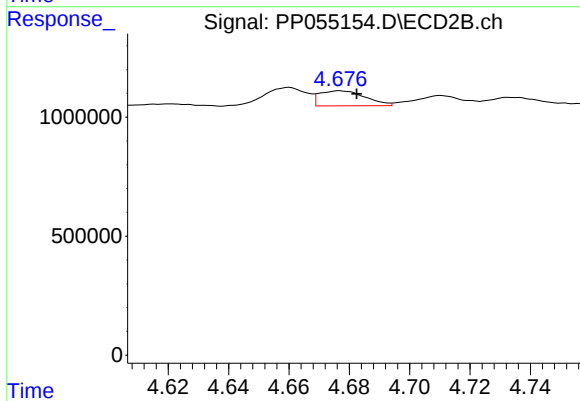
#3 AR-1016-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 771756
Conc: 15.59 ng/ml



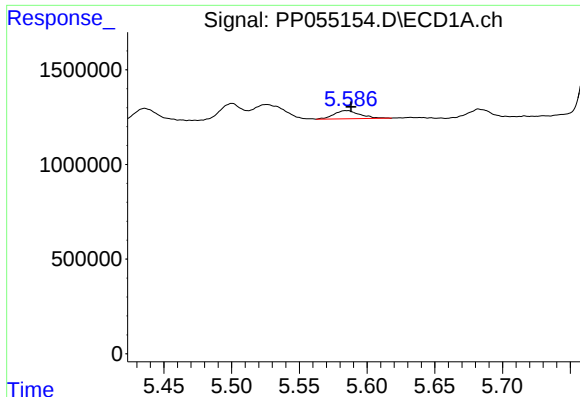
#4 AR-1016-2

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 1291404
Conc: 13.48 ng/ml



#4 AR-1016-2

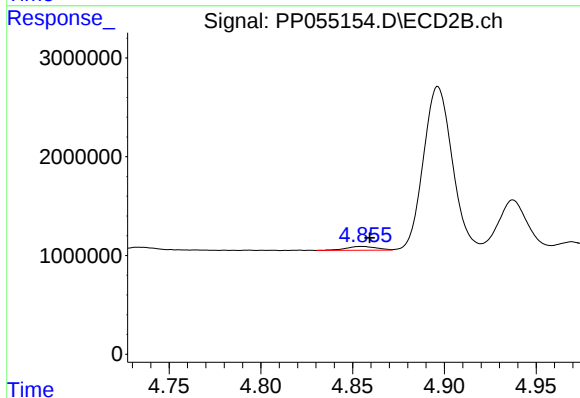
R.T.: 4.677 min
Delta R.T.: -0.005 min
Response: 663787
Conc: 9.59 ng/ml



#5 AR-1016-3

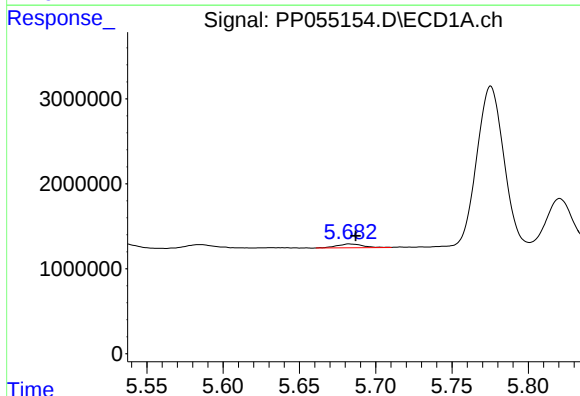
R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 570800
Conc: 9.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



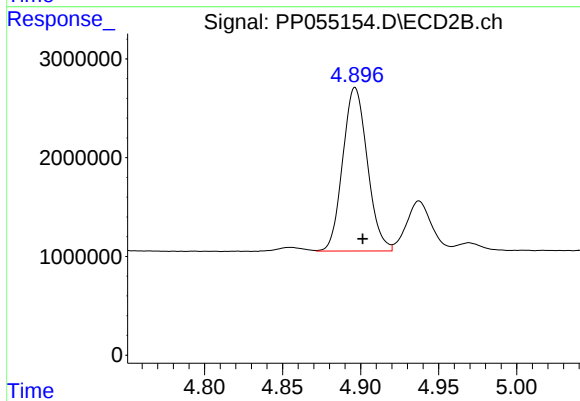
#5 AR-1016-3

R.T.: 4.855 min
Delta R.T.: -0.004 min
Response: 447313
Conc: 12.03 ng/ml



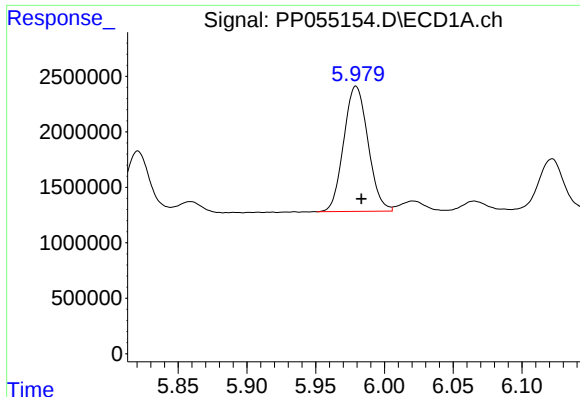
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 538436
Conc: 11.24 ng/ml



#6 AR-1016-4

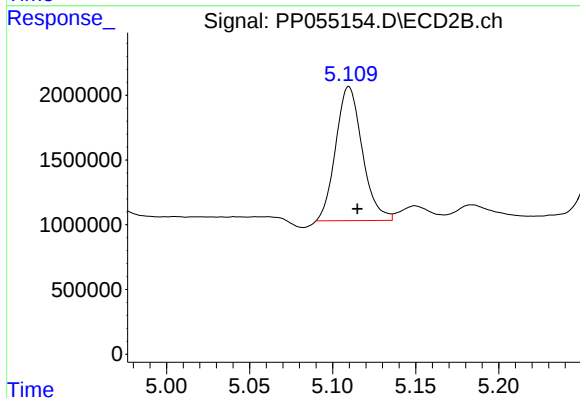
R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 18167563
Conc: 578.17 ng/ml



#7 AR-1016-5

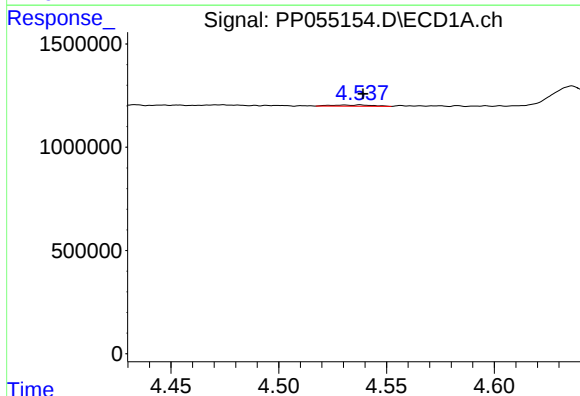
R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 13862708
Conc: 273.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



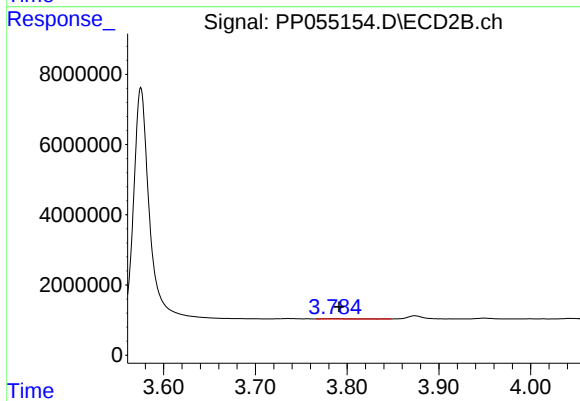
#7 AR-1016-5

R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 11517435
Conc: 281.71 ng/ml



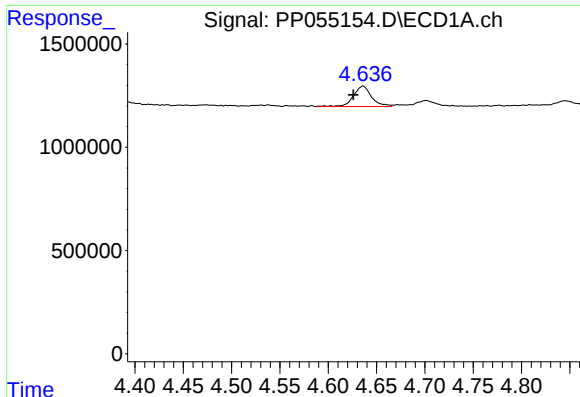
#8 AR-1221-1

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 75443
Conc: 3.21 ng/ml



#8 AR-1221-1

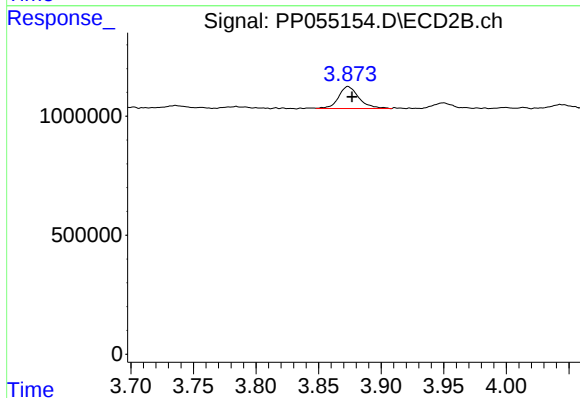
R.T.: 3.784 min
Delta R.T.: -0.007 min
Response: 122419
Conc: 6.17 ng/ml



#9 AR-1221-2

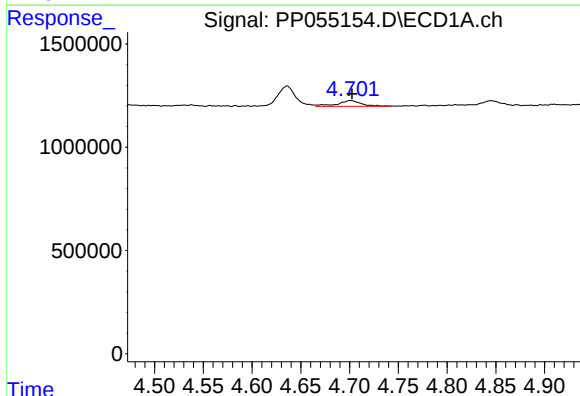
R.T.: 4.636 min
Delta R.T.: 0.010 min
Response: 1278084
Conc: 71.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



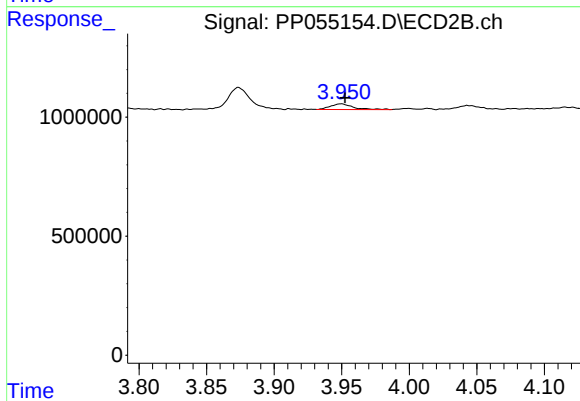
#9 AR-1221-2

R.T.: 3.874 min
Delta R.T.: -0.003 min
Response: 1049588
Conc: 70.81 ng/ml



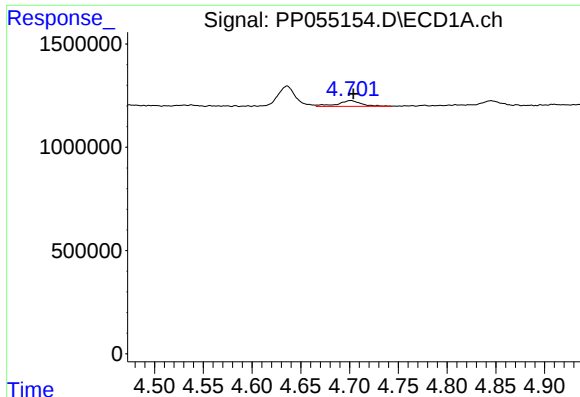
#10 AR-1221-3

R.T.: 4.701 min
Delta R.T.: -0.001 min
Response: 461245
Conc: 8.57 ng/ml



#10 AR-1221-3

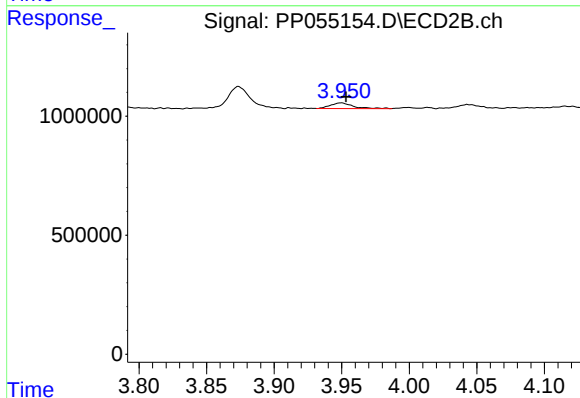
R.T.: 3.950 min
Delta R.T.: -0.003 min
Response: 283935
Conc: 6.29 ng/ml



#11 AR-1232-1

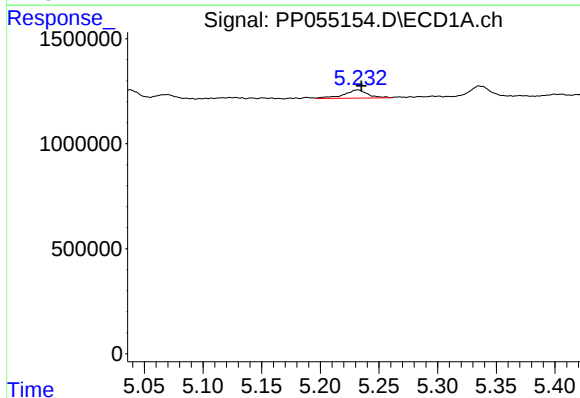
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 461245
Conc: 10.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



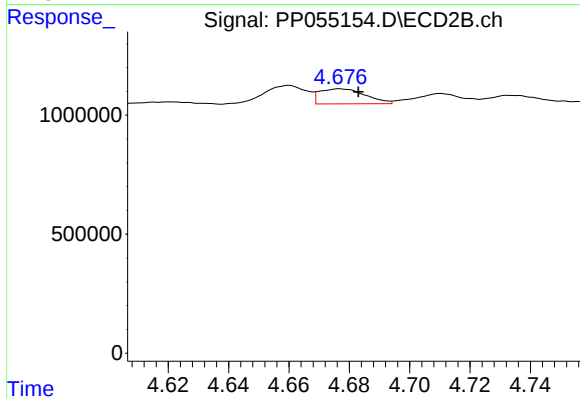
#11 AR-1232-1

R.T.: 3.950 min
Delta R.T.: -0.004 min
Response: 283935
Conc: 7.70 ng/ml



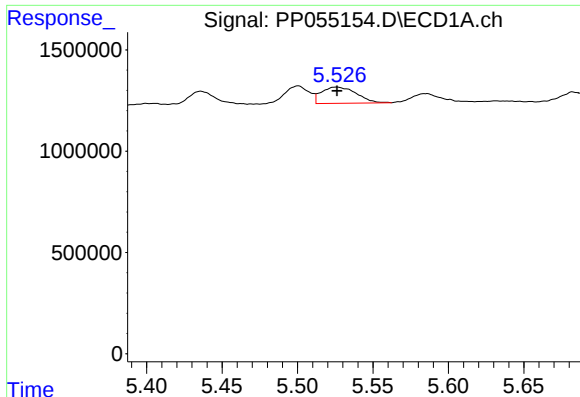
#12 AR-1232-2

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 567059
Conc: 25.07 ng/ml



#12 AR-1232-2

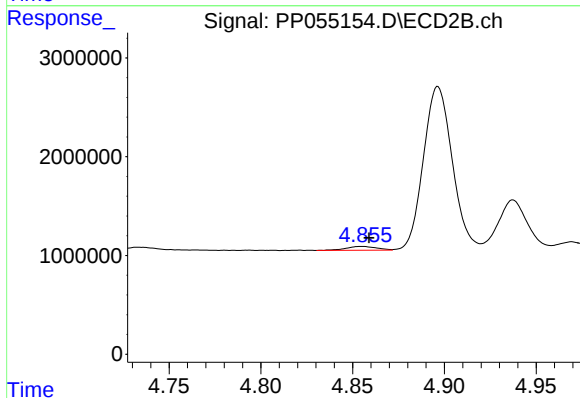
R.T.: 4.677 min
Delta R.T.: -0.006 min
Response: 663787
Conc: 20.78 ng/ml



#13 AR-1232-3

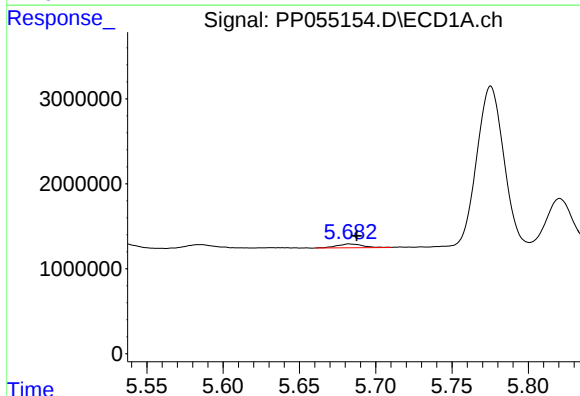
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 1291404
Conc: 29.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



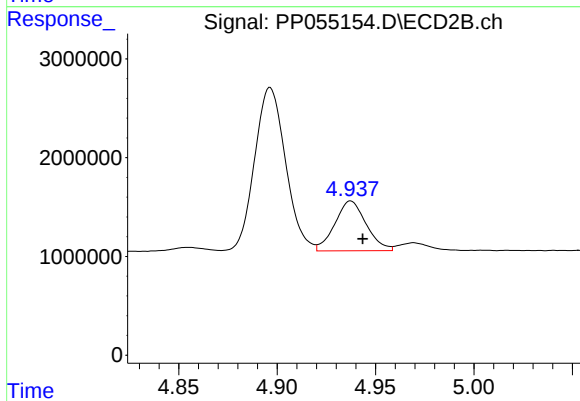
#13 AR-1232-3

R.T.: 4.855 min
Delta R.T.: -0.004 min
Response: 447313
Conc: 26.83 ng/ml



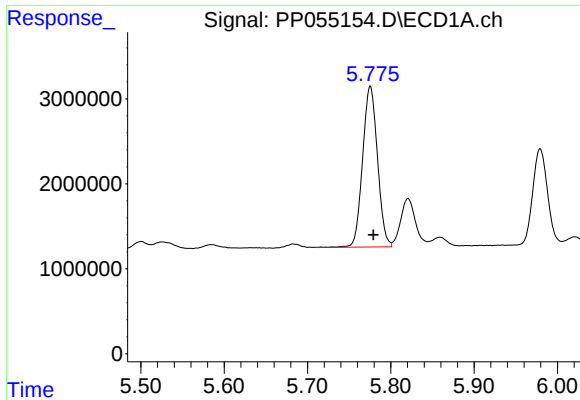
#14 AR-1232-4

R.T.: 5.683 min
Delta R.T.: -0.005 min
Response: 538436
Conc: 24.33 ng/ml



#14 AR-1232-4

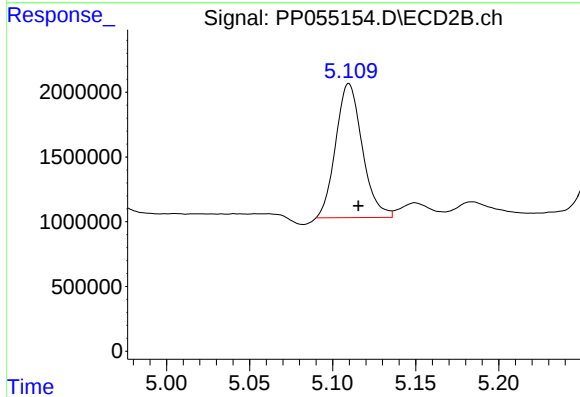
R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 5604064
Conc: 347.51 ng/ml



#15 AR-1232-5

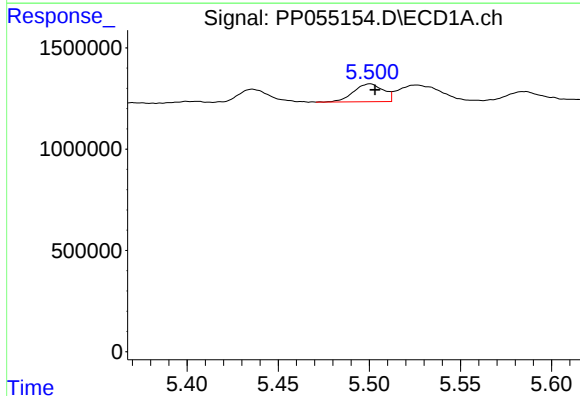
R.T.: 5.775 min
Delta R.T.: -0.004 min
Response: 23480137
Conc: 1341.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



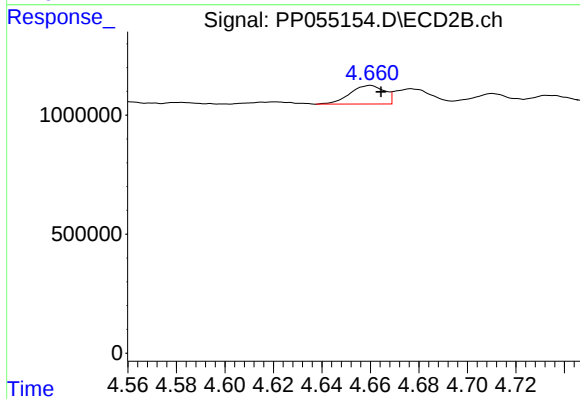
#15 AR-1232-5

R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 11517435
Conc: 652.12 ng/ml



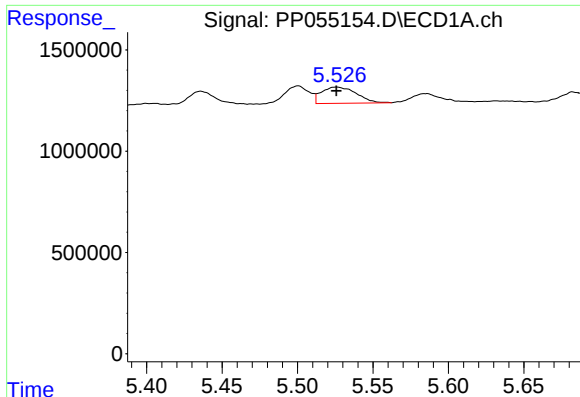
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 998734
Conc: 17.84 ng/ml



#16 AR-1242-1

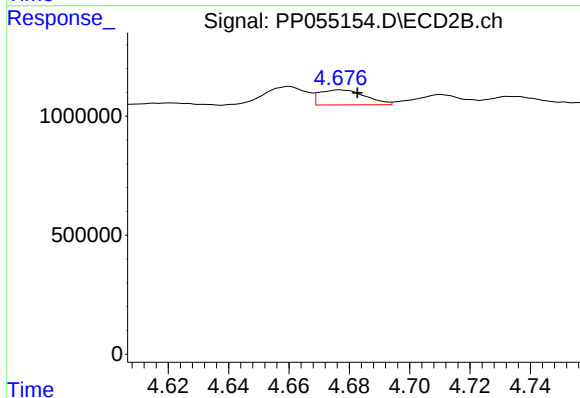
R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 771756
Conc: 18.84 ng/ml



#17 AR-1242-2

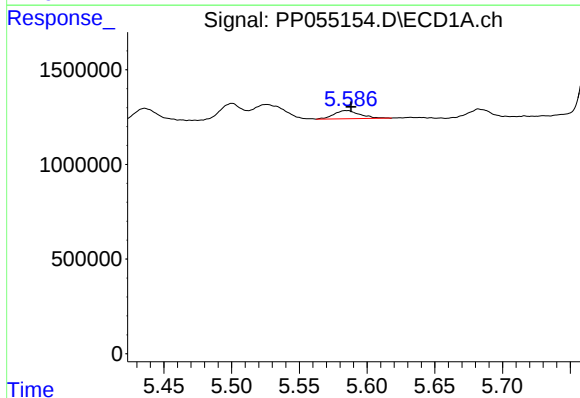
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 1291404
Conc: 16.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



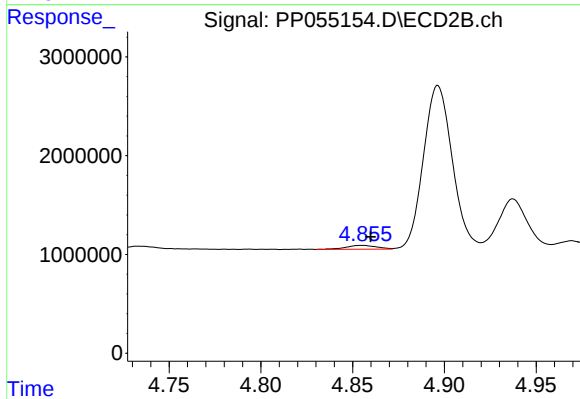
#17 AR-1242-2

R.T.: 4.677 min
Delta R.T.: -0.006 min
Response: 663787
Conc: 11.62 ng/ml



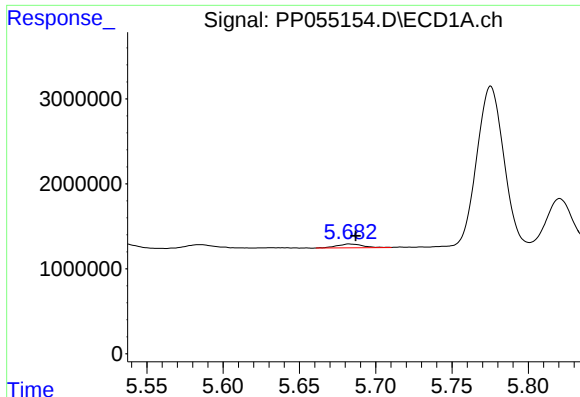
#18 AR-1242-3

R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 570800
Conc: 11.49 ng/ml



#18 AR-1242-3

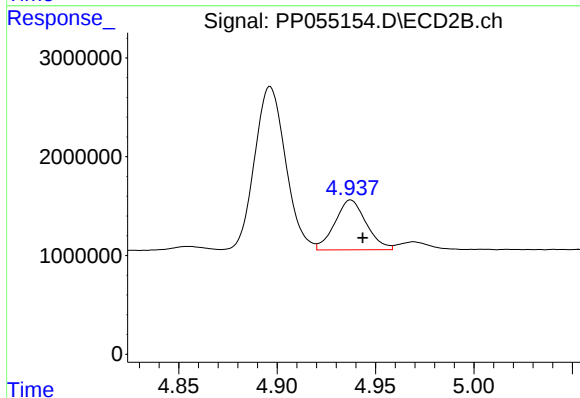
R.T.: 4.855 min
Delta R.T.: -0.005 min
Response: 447313
Conc: 14.49 ng/ml



#19 AR-1242-4

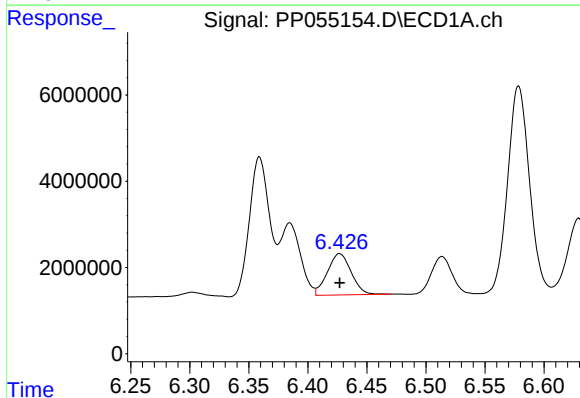
R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 538436
Conc: 13.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



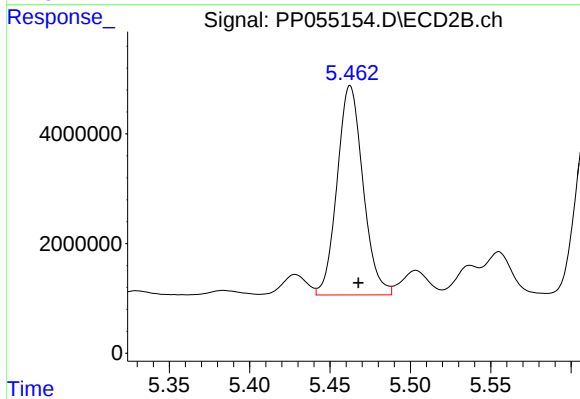
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 5604064
Conc: 172.50 ng/ml



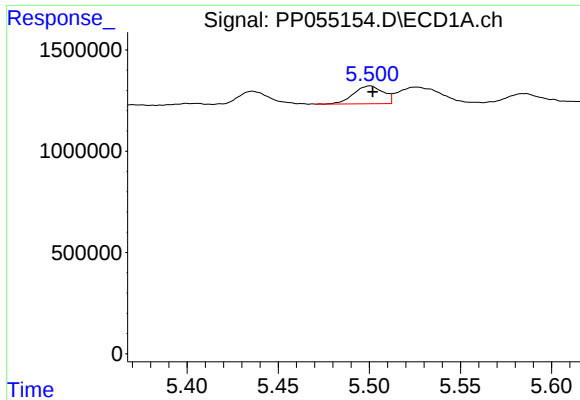
#20 AR-1242-5

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 13463166
Conc: 302.79 ng/ml



#20 AR-1242-5

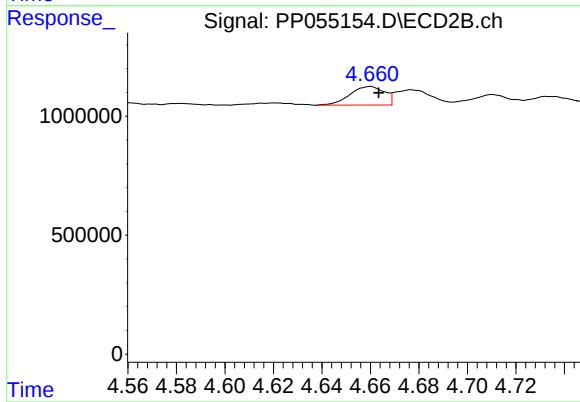
R.T.: 5.463 min
Delta R.T.: -0.005 min
Response: 42851985
Conc: 1146.64 ng/ml



#21 AR-1248-1

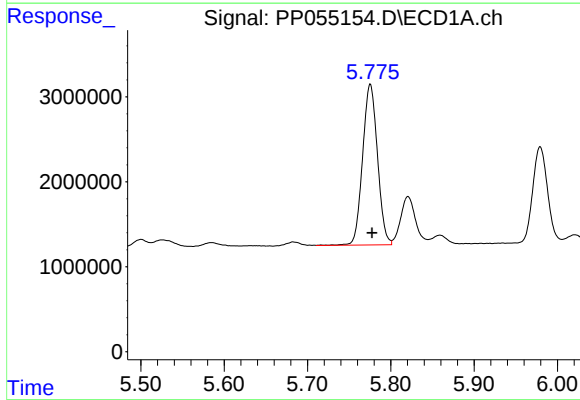
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 998734
Conc: 23.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



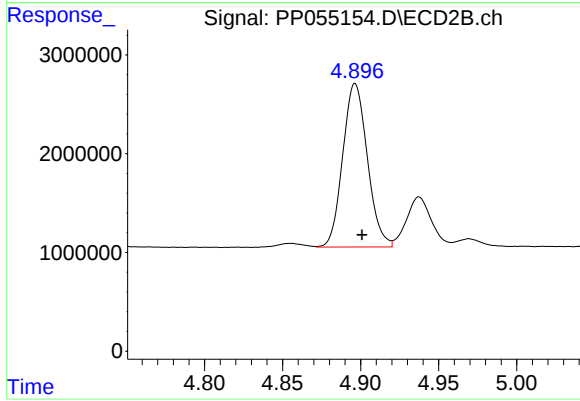
#21 AR-1248-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 771756
Conc: 24.89 ng/ml



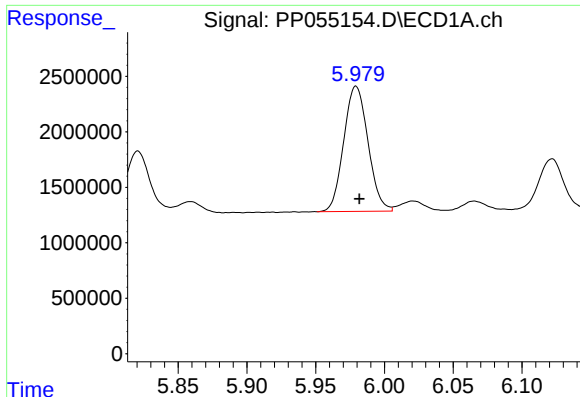
#22 AR-1248-2

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 23480137
Conc: 369.33 ng/ml



#22 AR-1248-2

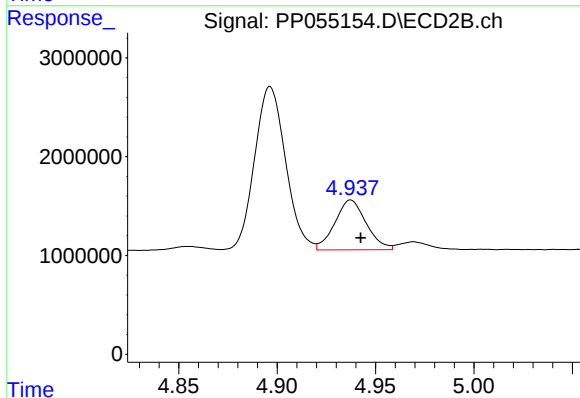
R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 18167563
Conc: 397.30 ng/ml



#23 AR-1248-3

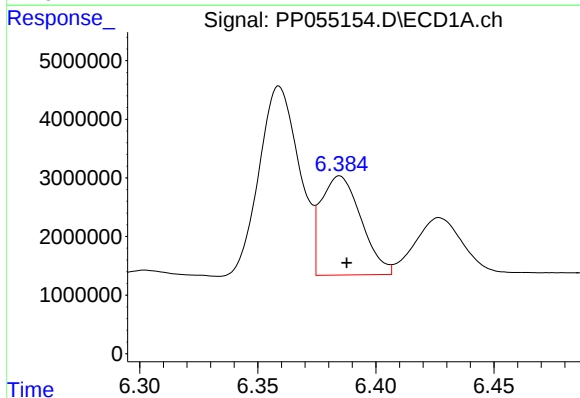
R.T.: 5.979 min
Delta R.T.: -0.002 min
Response: 13862708
Conc: 200.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



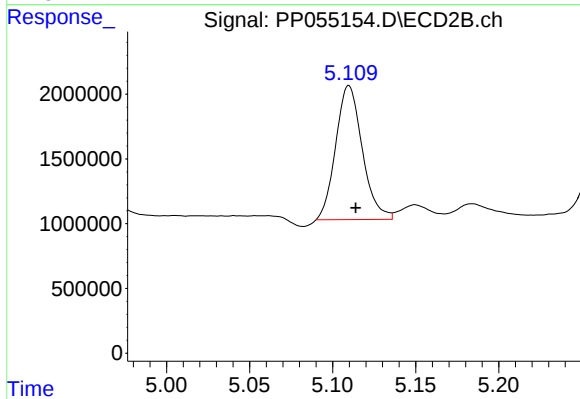
#23 AR-1248-3

R.T.: 4.937 min
Delta R.T.: -0.005 min
Response: 5604064
Conc: 117.55 ng/ml



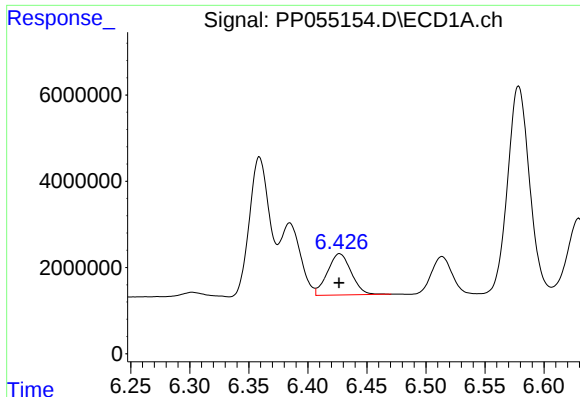
#24 AR-1248-4

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 19982427
Conc: 263.50 ng/ml



#24 AR-1248-4

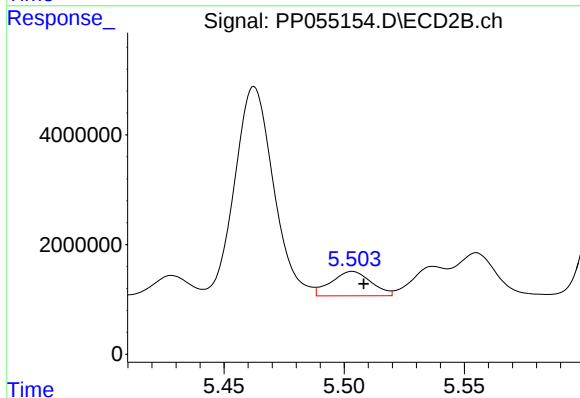
R.T.: 5.110 min
Delta R.T.: -0.004 min
Response: 11517435
Conc: 208.55 ng/ml



#25 AR-1248-5

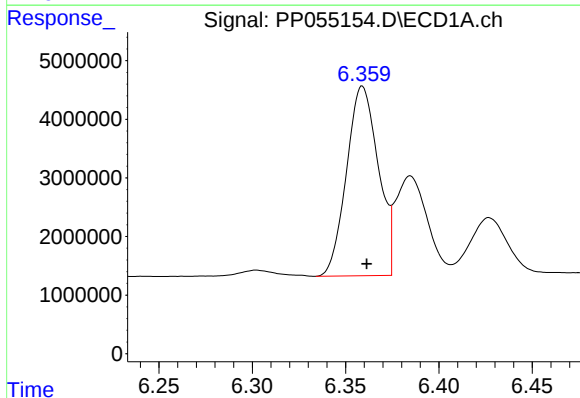
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 13463166
Conc: 182.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



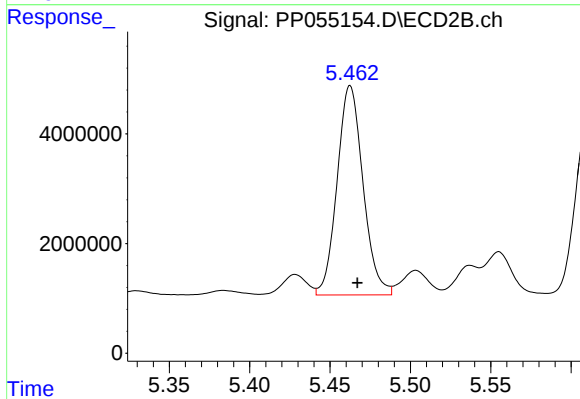
#25 AR-1248-5

R.T.: 5.503 min
Delta R.T.: -0.005 min
Response: 5157709
Conc: 104.89 ng/ml



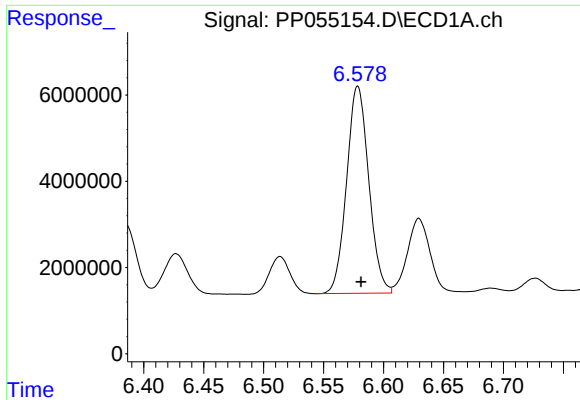
#26 AR-1254-1

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 38244747
Conc: 484.77 ng/ml



#26 AR-1254-1

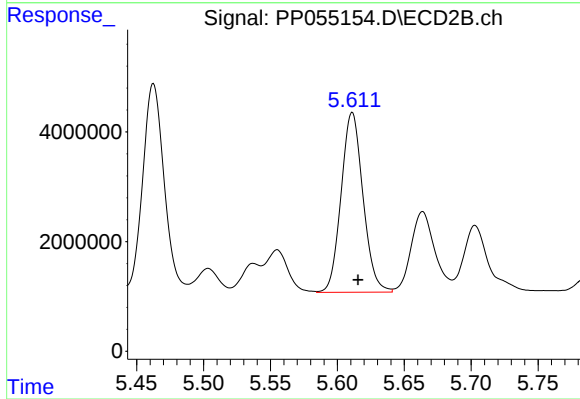
R.T.: 5.463 min
Delta R.T.: -0.005 min
Response: 42851985
Conc: 530.62 ng/ml



#27 AR-1254-2

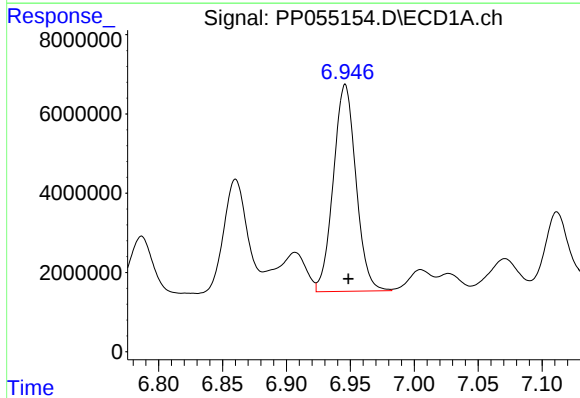
R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 61825611
Conc: 510.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



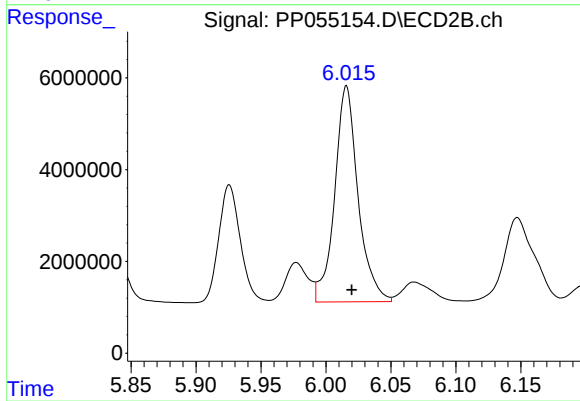
#27 AR-1254-2

R.T.: 5.611 min
Delta R.T.: -0.004 min
Response: 37450073
Conc: 523.32 ng/ml



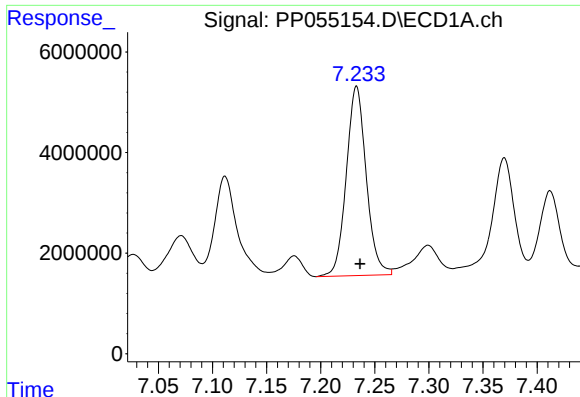
#28 AR-1254-3

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 64328221
Conc: 525.17 ng/ml



#28 AR-1254-3

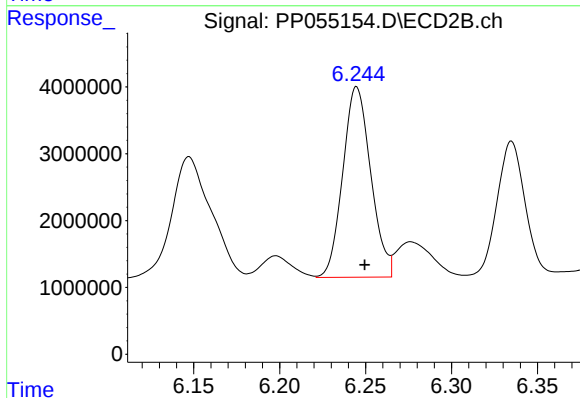
R.T.: 6.016 min
Delta R.T.: -0.004 min
Response: 58998655
Conc: 529.57 ng/ml



#29 AR-1254-4

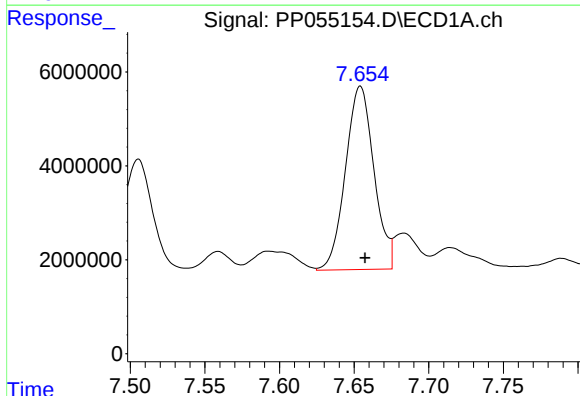
R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 48296733
Conc: 548.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



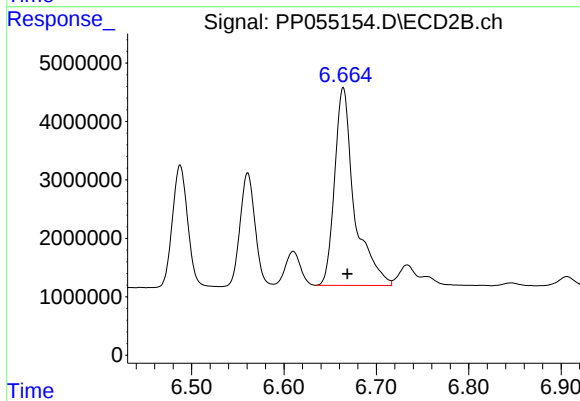
#29 AR-1254-4

R.T.: 6.245 min
Delta R.T.: -0.005 min
Response: 32305061
Conc: 525.22 ng/ml



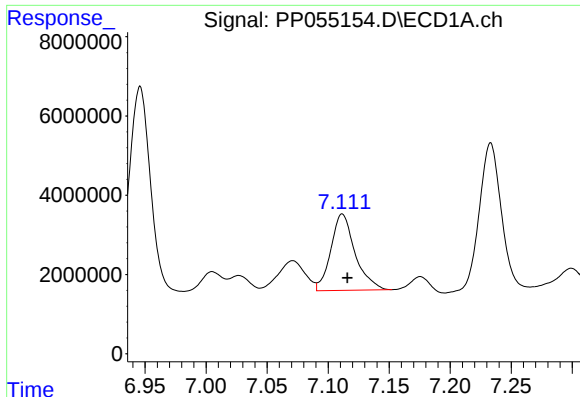
#30 AR-1254-5

R.T.: 7.654 min
Delta R.T.: -0.003 min
Response: 51888125
Conc: 512.93 ng/ml



#30 AR-1254-5

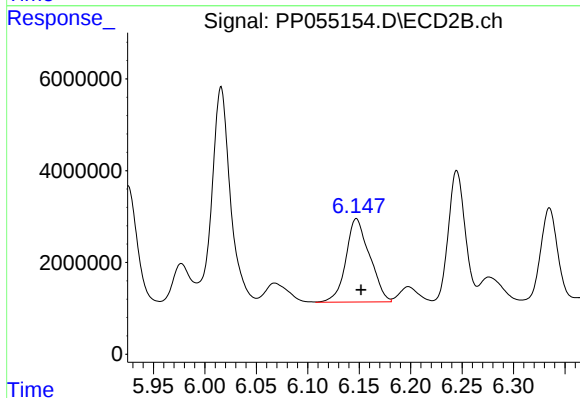
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 50316893
Conc: 530.75 ng/ml



#31 AR-1260-1

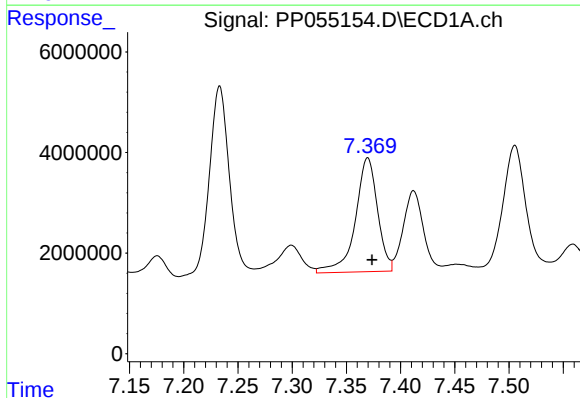
R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 26671774
Conc: 279.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



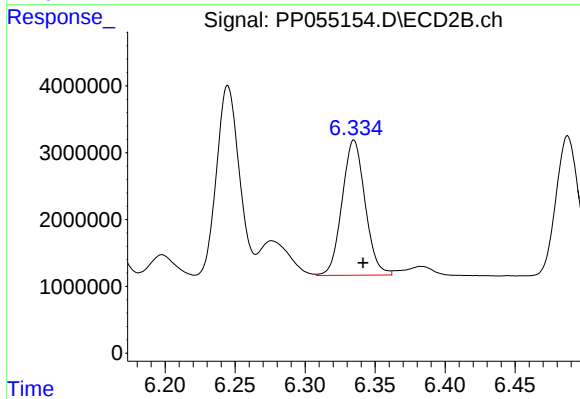
#31 AR-1260-1

R.T.: 6.147 min
Delta R.T.: -0.005 min
Response: 29177125
Conc: 376.26 ng/ml



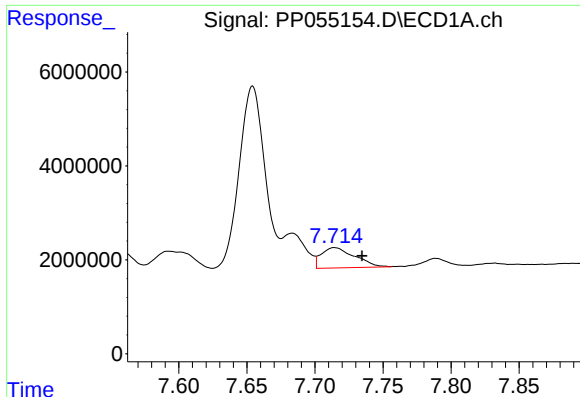
#32 AR-1260-2

R.T.: 7.370 min
Delta R.T.: -0.004 min
Response: 32257937
Conc: 286.62 ng/ml



#32 AR-1260-2

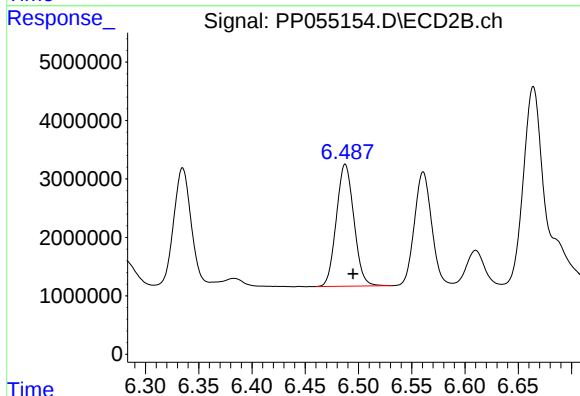
R.T.: 6.335 min
Delta R.T.: -0.006 min
Response: 23141057
Conc: 257.41 ng/ml



#33 AR-1260-3

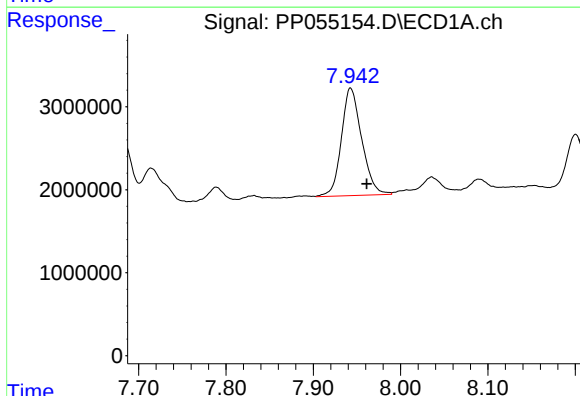
R.T.: 7.714 min
Delta R.T.: -0.020 min
Response: 7408882
Conc: 92.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



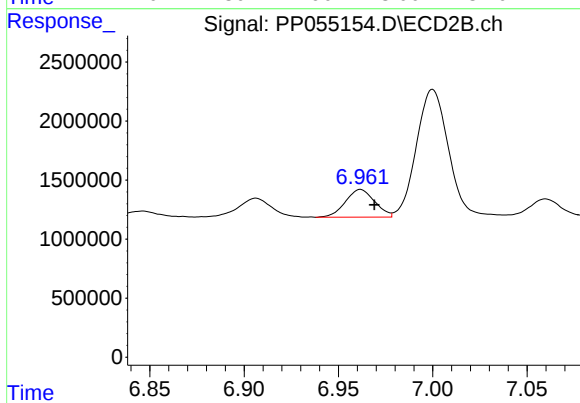
#33 AR-1260-3

R.T.: 6.488 min
Delta R.T.: -0.007 min
Response: 23956205
Conc: 282.13 ng/ml



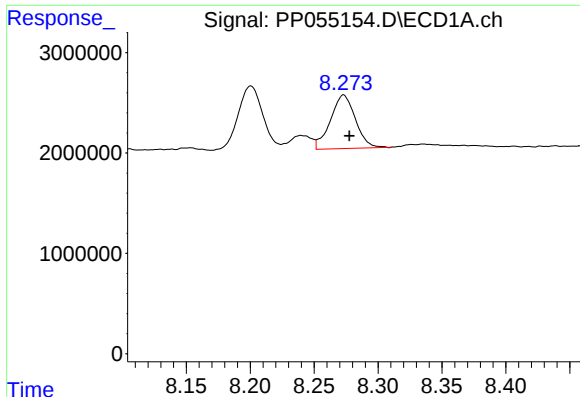
#34 AR-1260-4

R.T.: 7.943 min
Delta R.T.: -0.019 min
Response: 20978553
Conc: 216.10 ng/ml



#34 AR-1260-4

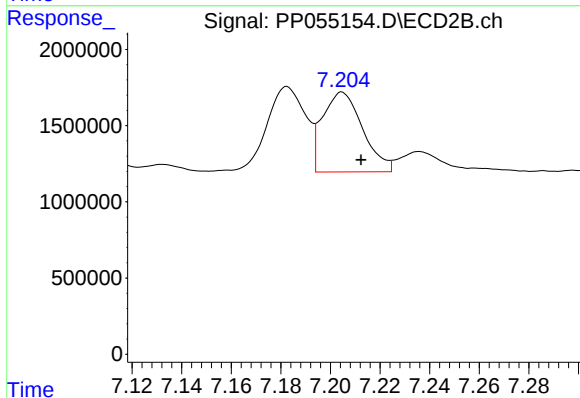
R.T.: 6.962 min
Delta R.T.: -0.007 min
Response: 2547127
Conc: 35.57 ng/ml



#35 AR-1260-5

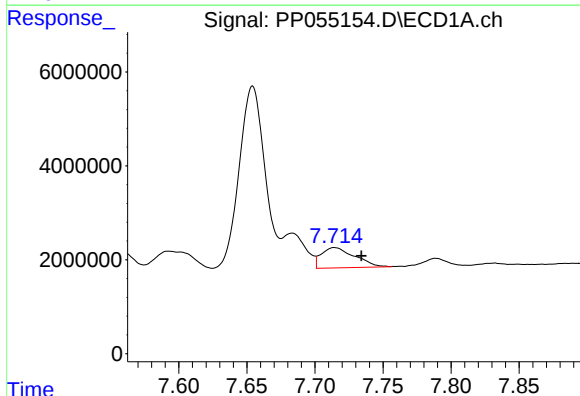
R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 7286332
Conc: 40.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



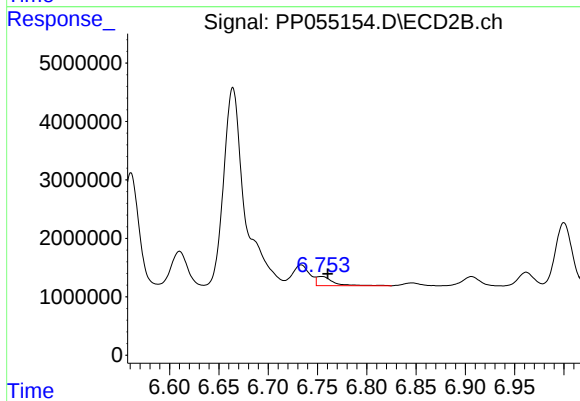
#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: -0.008 min
Response: 5880285
Conc: 38.25 ng/ml



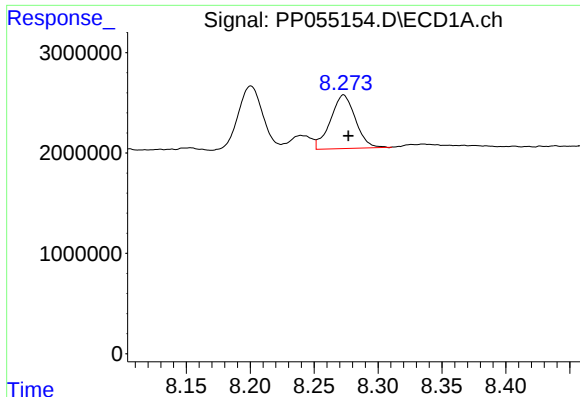
#36 AR-1262-1

R.T.: 7.714 min
Delta R.T.: -0.020 min
Response: 7408882
Conc: 62.80 ng/ml



#36 AR-1262-1

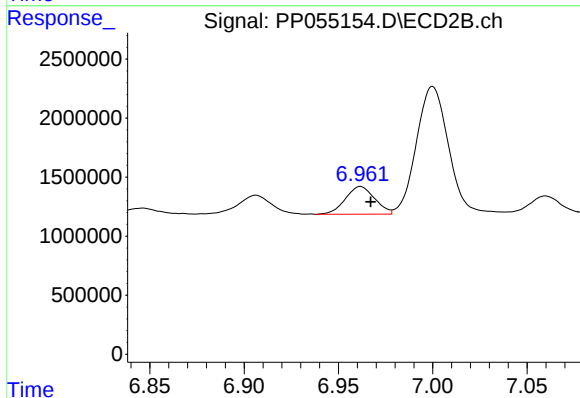
R.T.: 6.754 min
Delta R.T.: -0.006 min
Response: 1809714
Conc: 42.12 ng/ml



#37 AR-1262-2

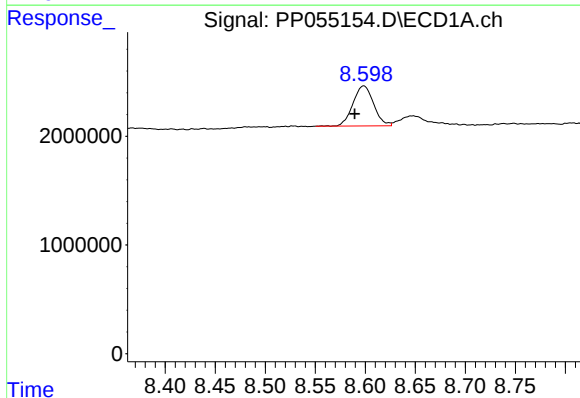
R.T.: 8.273 min
Delta R.T.: -0.004 min
Response: 7286332
Conc: 36.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



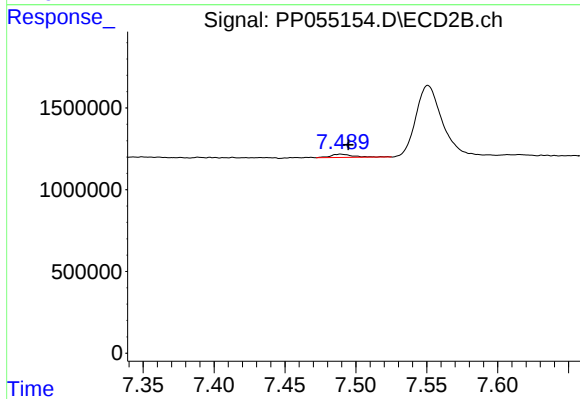
#37 AR-1262-2

R.T.: 6.962 min
Delta R.T.: -0.005 min
Response: 2547127
Conc: 27.50 ng/ml



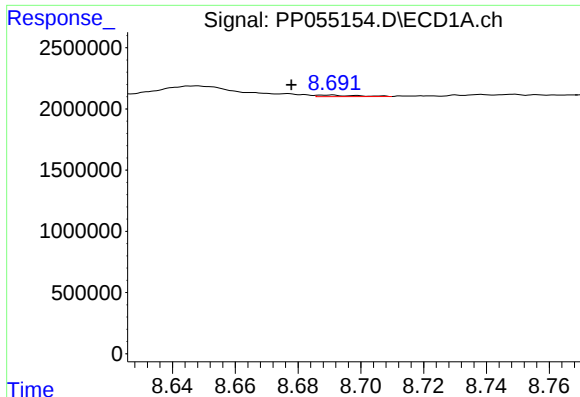
#38 AR-1262-3

R.T.: 8.598 min
Delta R.T.: 0.009 min
Response: 5292372
Conc: 38.06 ng/ml



#38 AR-1262-3

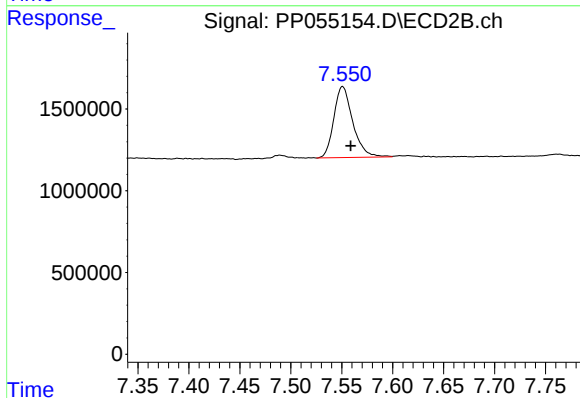
R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 223202
Conc: 3.06 ng/ml



#39 AR-1262-4

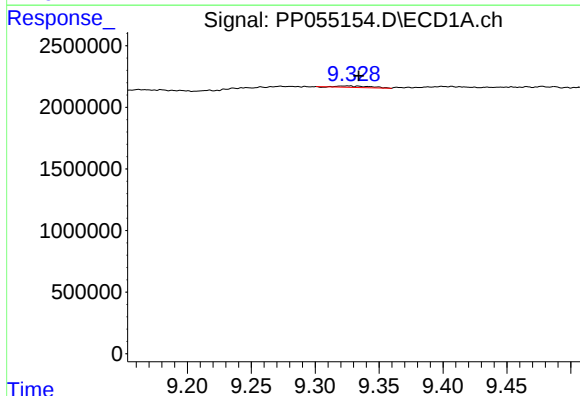
R.T.: 8.690 min
Delta R.T.: 0.012 min
Response: 106588
Conc: 1.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



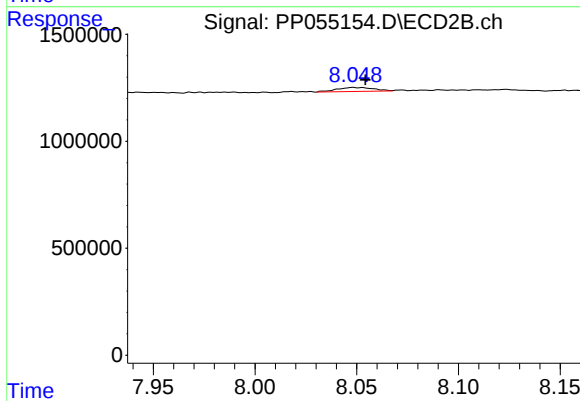
#39 AR-1262-4

R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 5619945
Conc: 42.97 ng/ml



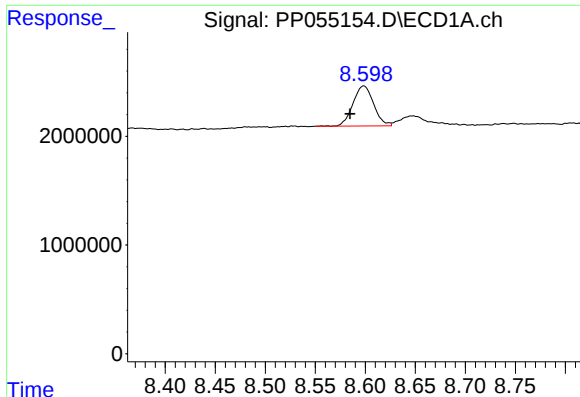
#40 AR-1262-5

R.T.: 9.326 min
Delta R.T.: -0.008 min
Response: 211768
Conc: 2.96 ng/ml



#40 AR-1262-5

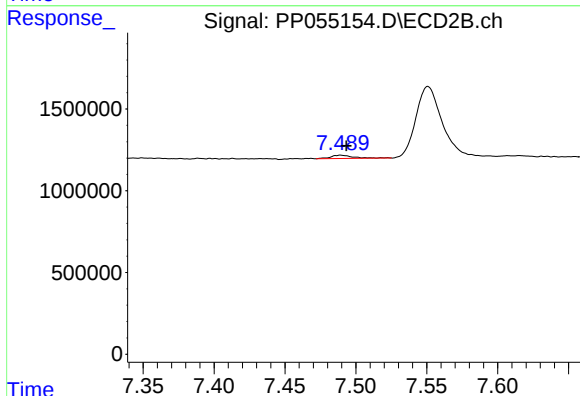
R.T.: 8.049 min
Delta R.T.: -0.006 min
Response: 232181
Conc: 3.91 ng/ml



#41 AR-1268-1

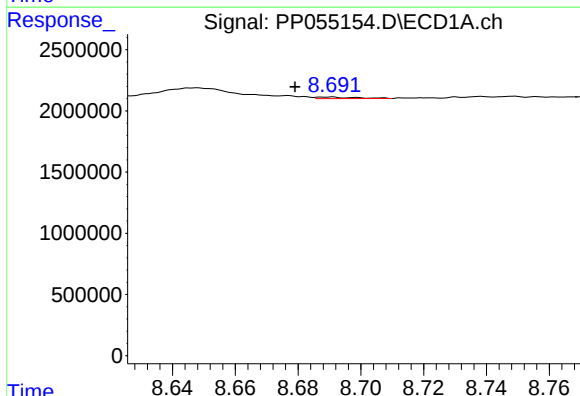
R.T.: 8.598 min
Delta R.T.: 0.014 min
Response: 5292372
Conc: 21.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



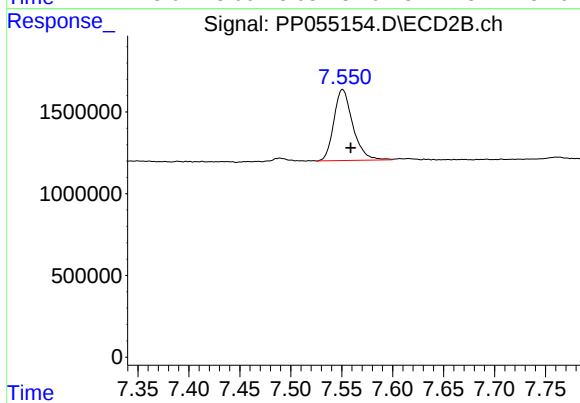
#41 AR-1268-1

R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 223202
Conc: 1.03 ng/ml



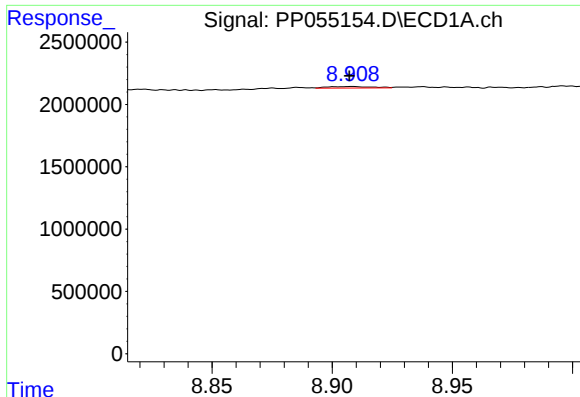
#42 AR-1268-2

R.T.: 8.690 min
Delta R.T.: 0.011 min
Response: 106588
Conc: 0.47 ng/ml



#42 AR-1268-2

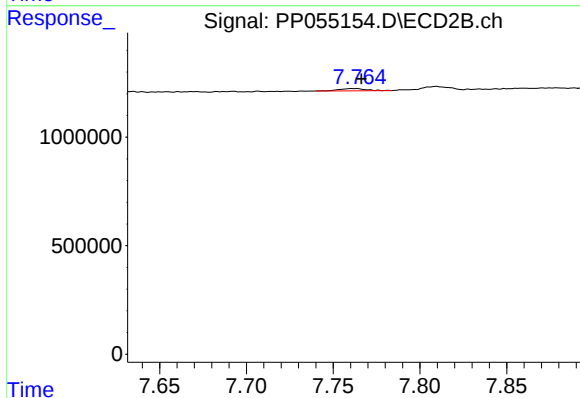
R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 5619945
Conc: 28.80 ng/ml



#43 AR-1268-3

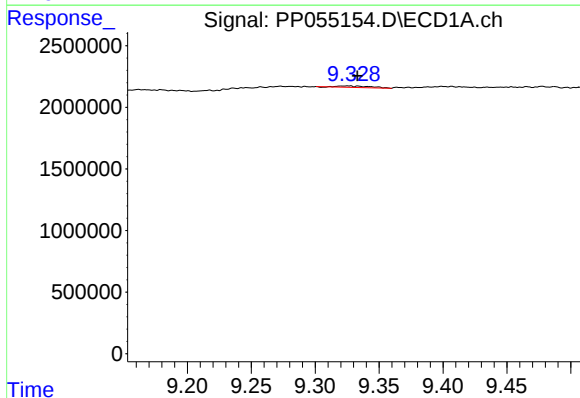
R.T.: 8.908 min
Delta R.T.: 0.001 min
Response: 159872
Conc: 0.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



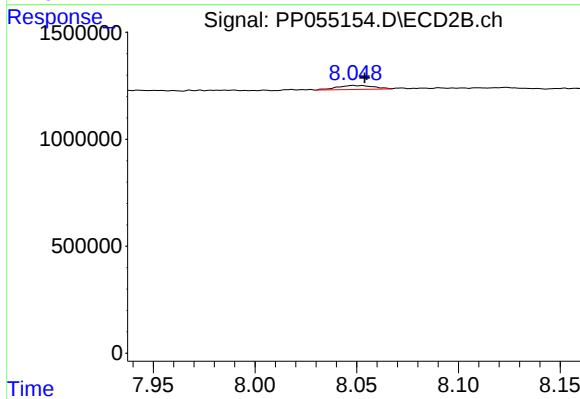
#43 AR-1268-3

R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 108055
Conc: 0.63 ng/ml



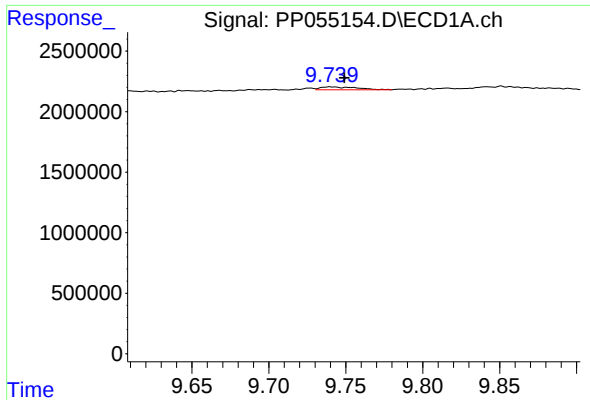
#44 AR-1268-4

R.T.: 9.326 min
Delta R.T.: -0.007 min
Response: 211768
Conc: 2.70 ng/ml



#44 AR-1268-4

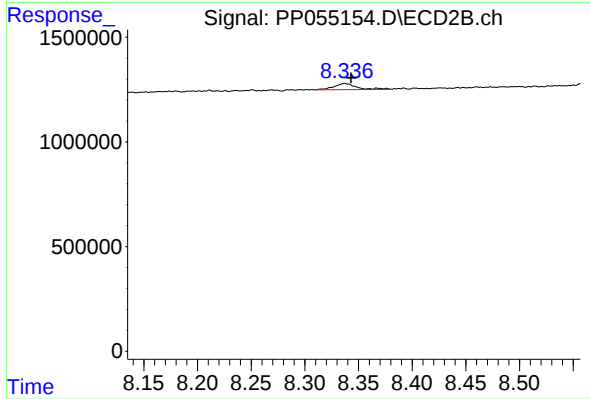
R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 232181
Conc: 3.64 ng/ml



#45 AR-1268-5

R.T.: 9.740 min
Delta R.T.: -0.009 min
Response: 395676
Conc: 0.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: -0.006 min
Response: 432871
Conc: 0.82 ng/ml