

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021323\
 Data File : PP055564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2023 09:46
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 20:07:41 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	85780886	74506009	49.336	49.631
2)	SA Decachlor...	10.086	8.584	78819718	65150882	45.517	48.240
Target Compounds							
3)	L1 AR-1016-1	5.498	4.656	25317320	19642135	376.689	396.859
4)	L1 AR-1016-2	5.521	4.674	36699570	28321475	382.968	409.157
5)	L1 AR-1016-3	5.583	4.851	22818704	15231415	381.479	409.484
6)	L1 AR-1016-4	5.682	4.893	18455149	12774138	385.140	406.531
7)	L1 AR-1016-5	5.978	5.105	18768218	17052457	370.371	417.088
8)	L2 AR-1221-1	4.532	3.786	2680675	2377597	113.998	119.918
9)	L2 AR-1221-2	4.624	3.872	4082060	3347587	229.755	225.847
10)	L2 AR-1221-3	4.699	3.947	14350580	12584713	266.692	278.951
11)	L3 AR-1232-1	4.699	3.947	14350580	12584713	323.336	341.424
12)	L3 AR-1232-2	5.230	4.674	18784244	28321475	830.618	886.638
13)	L3 AR-1232-3	5.521	4.851	36699570	15231415	835.652	913.649
14)	L3 AR-1232-4	5.682	4.934	18455149	16096445	833.784	998.159
15)	L3 AR-1232-5	5.774	5.105	16689311	17052457	953.292	965.517
16)	L4 AR-1242-1	5.498	4.656	25317320	19642135	452.186	479.518
17)	L4 AR-1242-2	5.521	4.674	36699570	28321475	459.723	495.989
18)	L4 AR-1242-3	5.583	4.851	22818704	15231415	459.485	493.443
19)	L4 AR-1242-4	5.682	4.934	18455149	16096445	460.495	495.472
20)	L4 AR-1242-5	6.422	5.458	18755400	18395025	421.816	492.218
21)	L5 AR-1248-1	5.498	4.656	25317320	19642135	607.076	633.553
22)	L5 AR-1248-2	5.774	4.893	16689311	12774138	262.517	279.354
23)	L5 AR-1248-3	5.978	4.934	18768218	16096445	271.381	337.641
24)	L5 AR-1248-4	6.384	5.105	18304296	17052457	241.373	308.769 #
25)	L5 AR-1248-5	6.422	5.499	18755400	14860807	254.162	302.228
26)	L6 AR-1254-1	6.356	5.458	13445721	18395025	170.431	227.779 #
27)	L6 AR-1254-2	6.580	5.607	15771118	4608060	130.315	64.392 #
28)	L6 AR-1254-3	6.945	6.011	6248486	6134922	51.012	55.067
29)	L6 AR-1254-4	7.232	6.240	4753367	4346491	53.947	70.666 #
30)	L6 AR-1254-5	7.654	6.660	2168040	1521116	21.432	16.045 #
31)	L7 AR-1260-1	7.114	6.156	395927	2326758	4.153	30.005 #
32)	L7 AR-1260-2	7.370	6.331	2395110	636870	21.281	7.084 #
33)	L7 AR-1260-3	0.000	6.483	0	711632	N.D.	8.381 #
34)	L7 AR-1260-4	7.940f	6.996f	16376930	791893	168.701	11.060 #
35)	L7 AR-1260-5	0.000	7.239f	0	119912	N.D.	0.780 #
36)	L8 AR-1262-1	0.000	6.765	0	65271	N.D.	1.519 #
37)	L8 AR-1262-2	8.247f	6.996f	11477704	791893	56.986	8.550 #
39)	L8 AR-1262-4	8.694f	7.553	36452	102933	0.474	0.787 #
40)	L8 AR-1262-5	9.329	8.051	15338	60136	0.214	1.014 #
42)	L9 AR-1268-2	8.694	7.553	36452	102933	0.160	0.527 #
43)	L9 AR-1268-3	8.909	7.768	69812	25040	0.349	0.146 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 20:07:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
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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
44) L9	AR-1268-4	9.329	8.051	15338	60136	0.195	0.943 #
45) L9	AR-1268-5	9.749	8.334	360873	305117	0.567	0.579

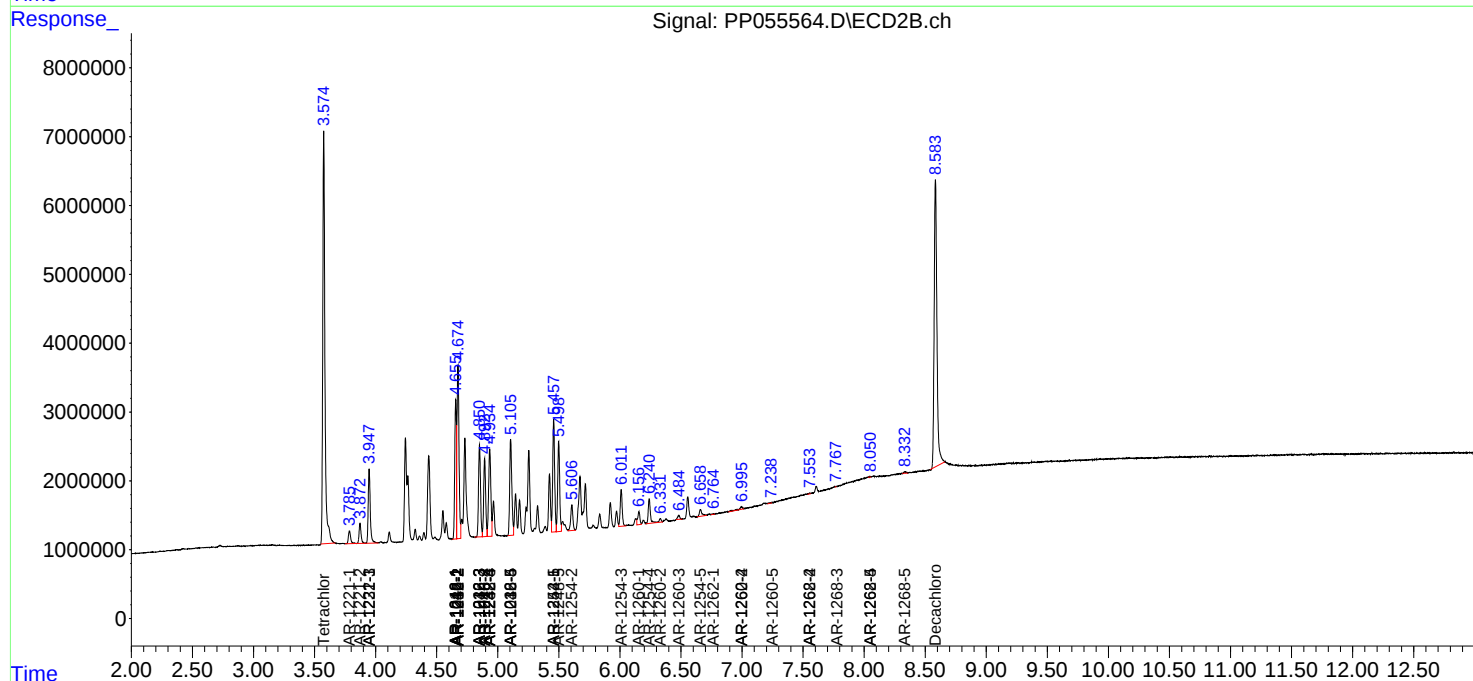
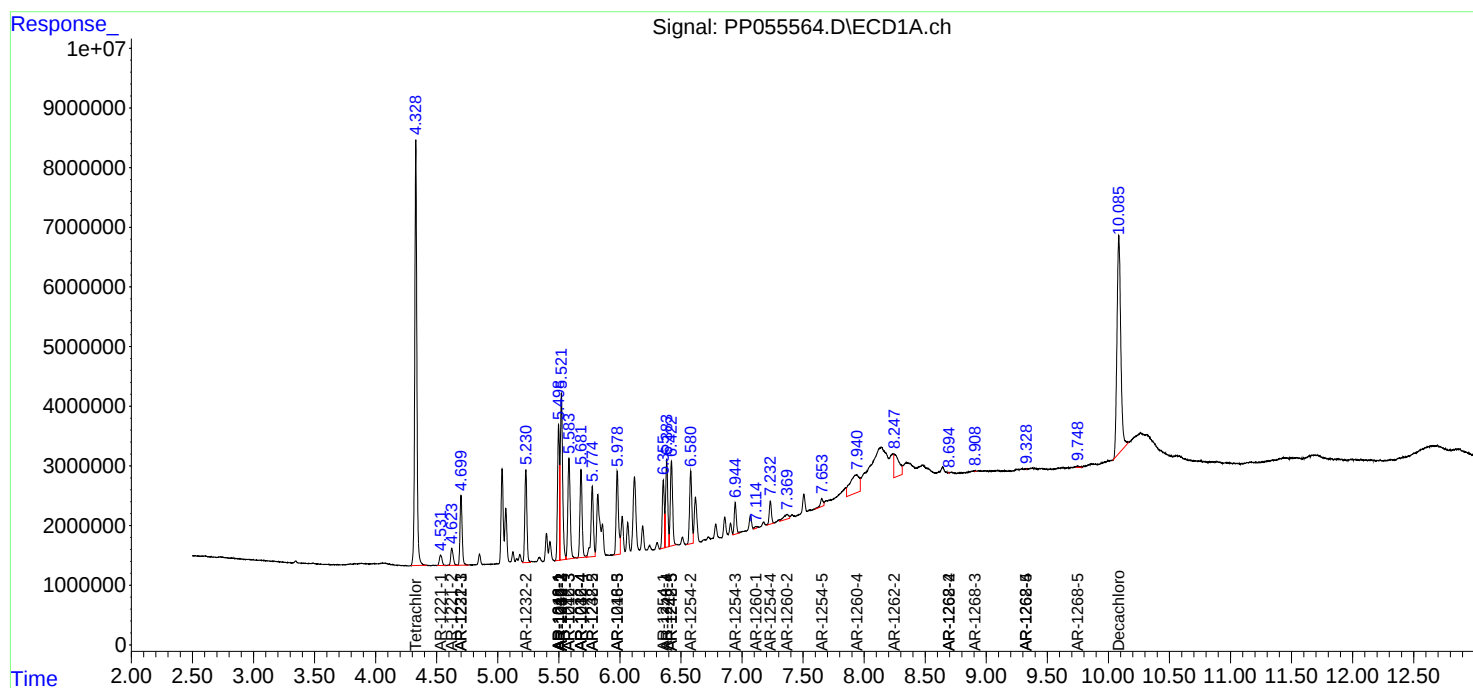
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

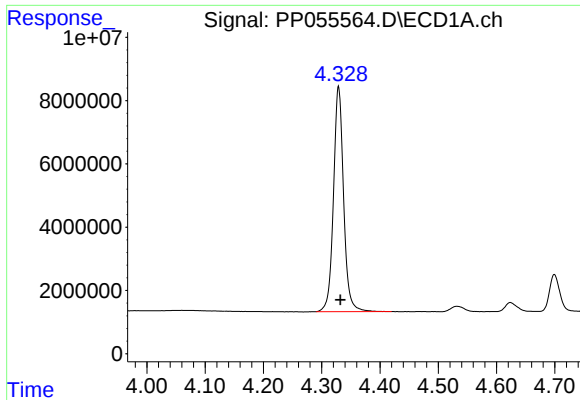
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021323\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

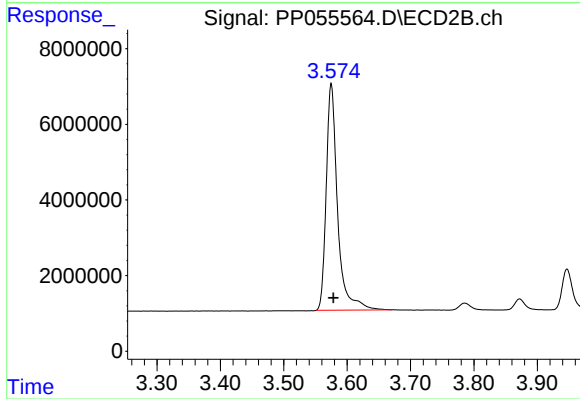




#1 Tetrachloro-m-xylene

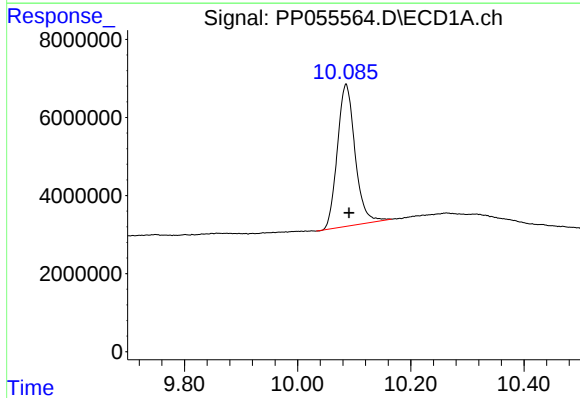
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 85780886
Conc: 49.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



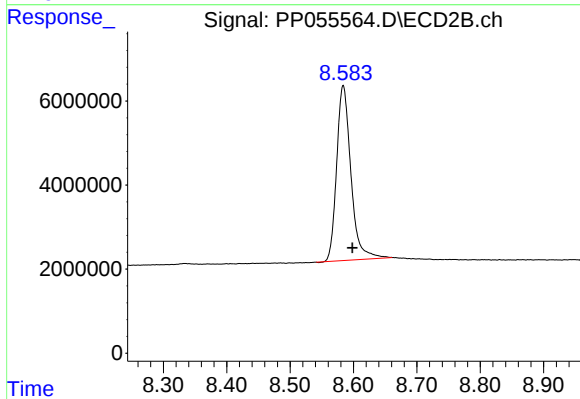
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: -0.003 min
Response: 74506009
Conc: 49.63 ng/ml



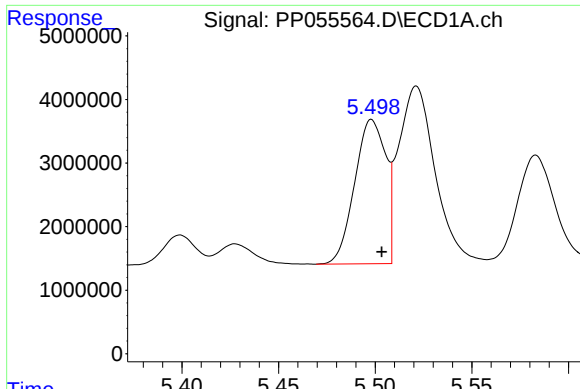
#2 Decachlorobiphenyl

R.T.: 10.086 min
Delta R.T.: -0.005 min
Response: 78819718
Conc: 45.52 ng/ml



#2 Decachlorobiphenyl

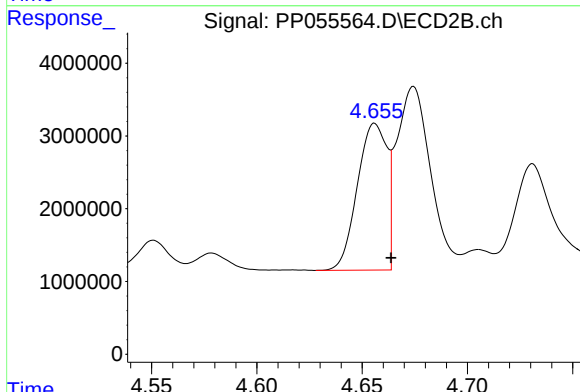
R.T.: 8.584 min
Delta R.T.: -0.014 min
Response: 65150882
Conc: 48.24 ng/ml



#3 AR-1016-1

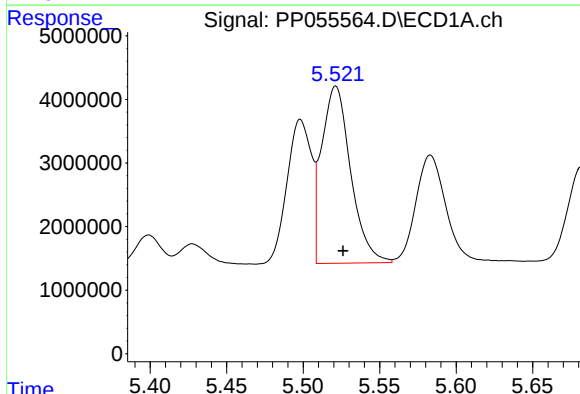
R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 25317320
Conc: 376.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



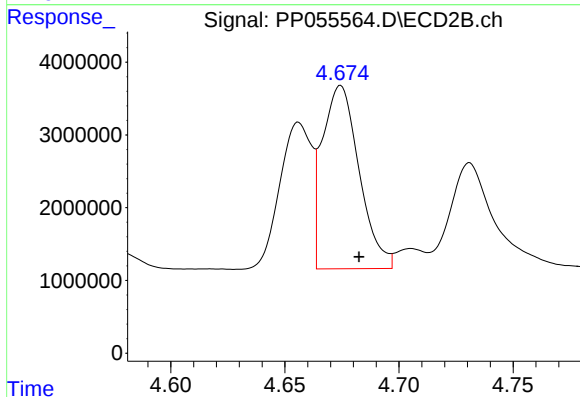
#3 AR-1016-1

R.T.: 4.656 min
Delta R.T.: -0.008 min
Response: 19642135
Conc: 396.86 ng/ml



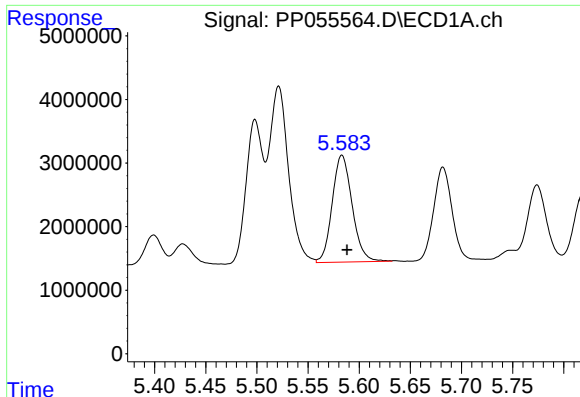
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 36699570
Conc: 382.97 ng/ml



#4 AR-1016-2

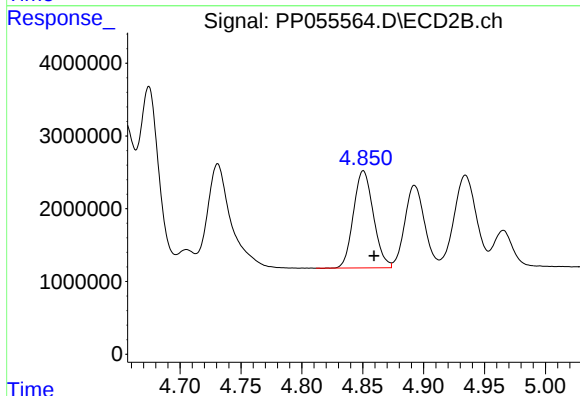
R.T.: 4.674 min
Delta R.T.: -0.008 min
Response: 28321475
Conc: 409.16 ng/ml



#5 AR-1016-3

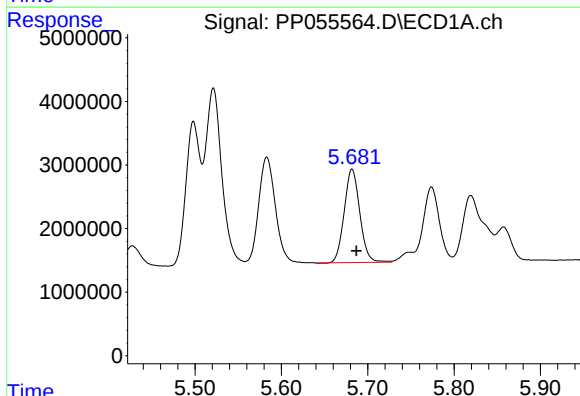
R.T.: 5.583 min
Delta R.T.: -0.005 min
Response: 22818704
Conc: 381.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



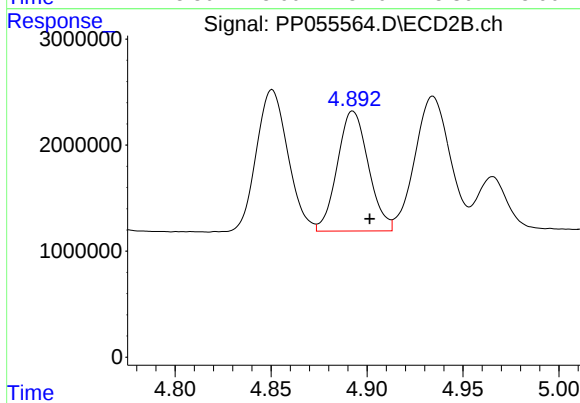
#5 AR-1016-3

R.T.: 4.851 min
Delta R.T.: -0.009 min
Response: 15231415
Conc: 409.48 ng/ml



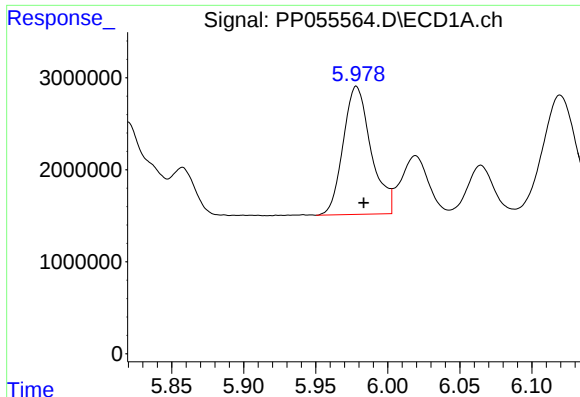
#6 AR-1016-4

R.T.: 5.682 min
Delta R.T.: -0.005 min
Response: 18455149
Conc: 385.14 ng/ml



#6 AR-1016-4

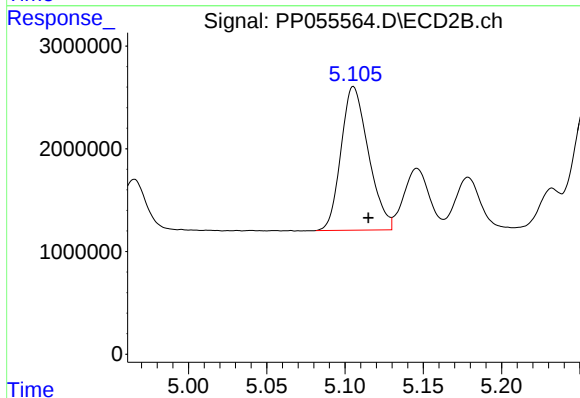
R.T.: 4.893 min
Delta R.T.: -0.009 min
Response: 12774138
Conc: 406.53 ng/ml



#7 AR-1016-5

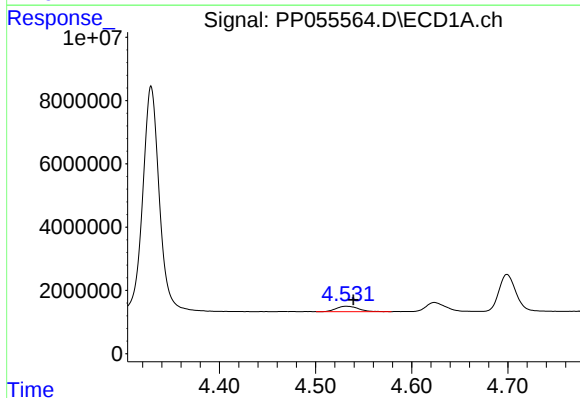
R.T.: 5.978 min
Delta R.T.: -0.005 min
Response: 18768218
Conc: 370.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



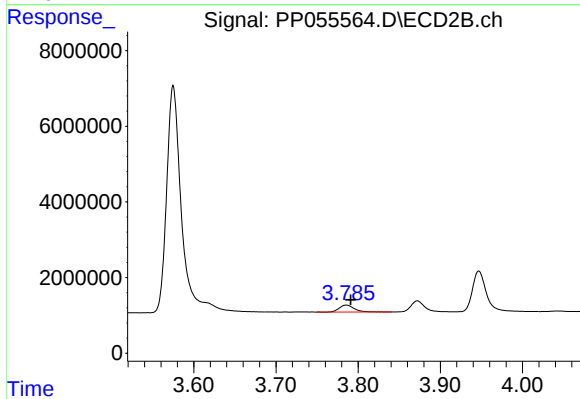
#7 AR-1016-5

R.T.: 5.105 min
Delta R.T.: -0.010 min
Response: 17052457
Conc: 417.09 ng/ml



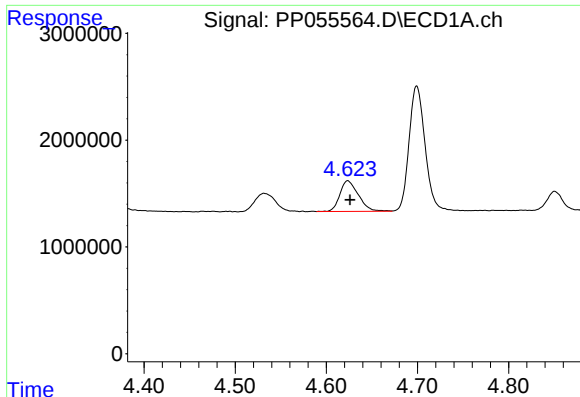
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.007 min
Response: 2680675
Conc: 114.00 ng/ml



#8 AR-1221-1

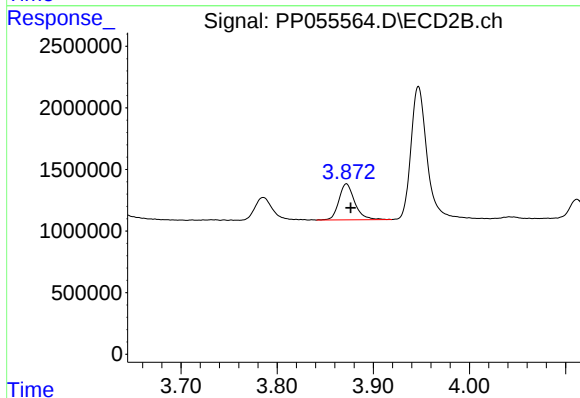
R.T.: 3.786 min
Delta R.T.: -0.006 min
Response: 2377597
Conc: 119.92 ng/ml



#9 AR-1221-2

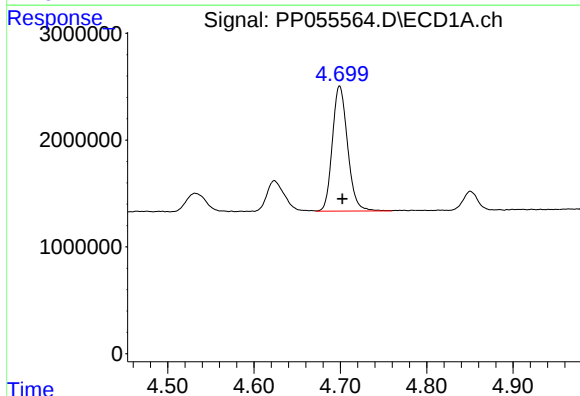
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 4082060
Conc: 229.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



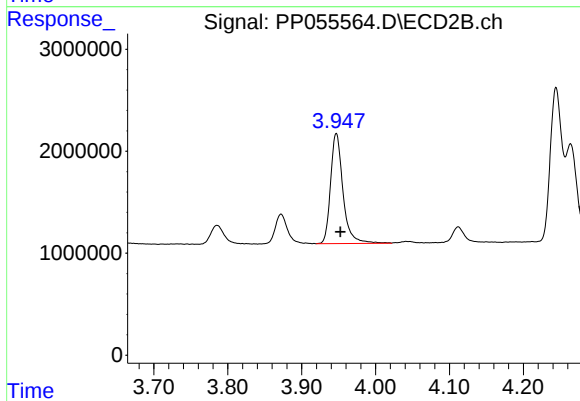
#9 AR-1221-2

R.T.: 3.872 min
Delta R.T.: -0.005 min
Response: 3347587
Conc: 225.85 ng/ml



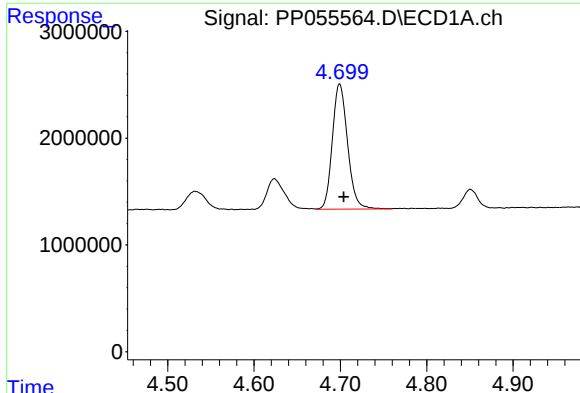
#10 AR-1221-3

R.T.: 4.699 min
Delta R.T.: -0.003 min
Response: 14350580
Conc: 266.69 ng/ml



#10 AR-1221-3

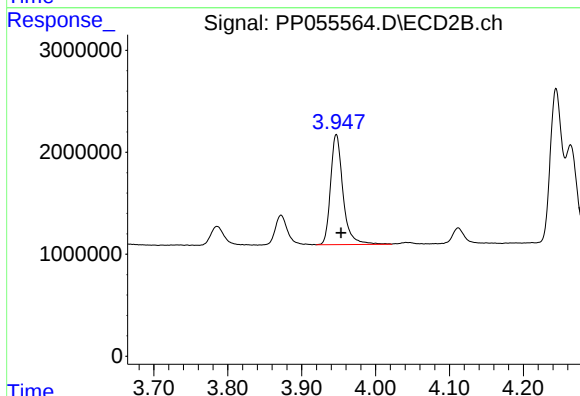
R.T.: 3.947 min
Delta R.T.: -0.006 min
Response: 12584713
Conc: 278.95 ng/ml



#11 AR-1232-1

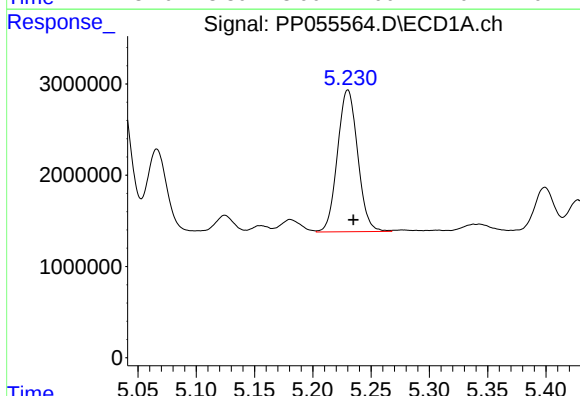
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 14350580
Conc: 323.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



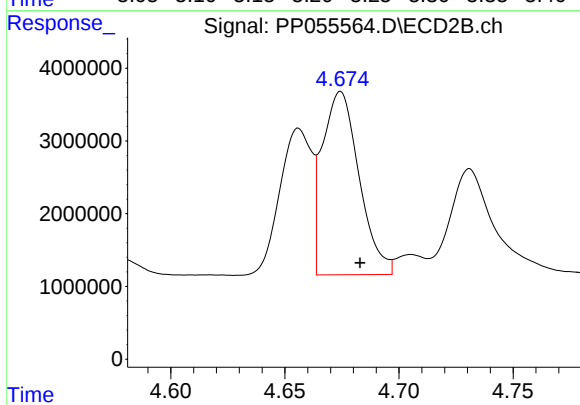
#11 AR-1232-1

R.T.: 3.947 min
Delta R.T.: -0.006 min
Response: 12584713
Conc: 341.42 ng/ml



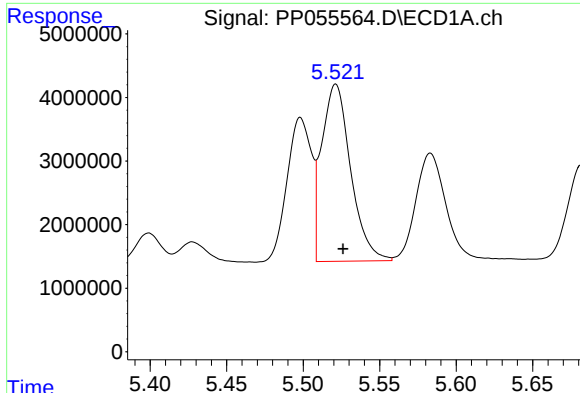
#12 AR-1232-2

R.T.: 5.230 min
Delta R.T.: -0.005 min
Response: 18784244
Conc: 830.62 ng/ml



#12 AR-1232-2

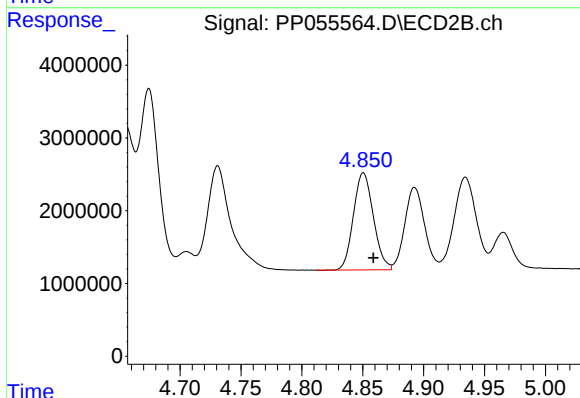
R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 28321475
Conc: 886.64 ng/ml



#13 AR-1232-3

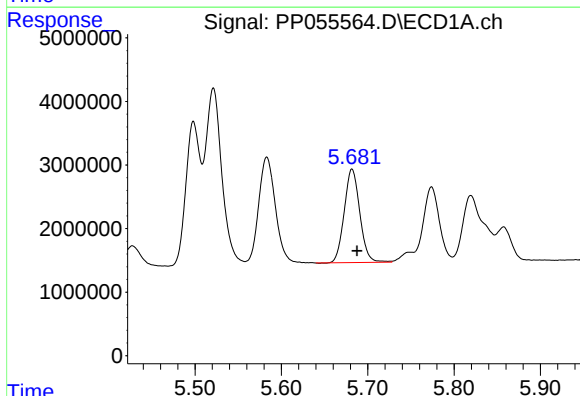
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 36699570
Conc: 835.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



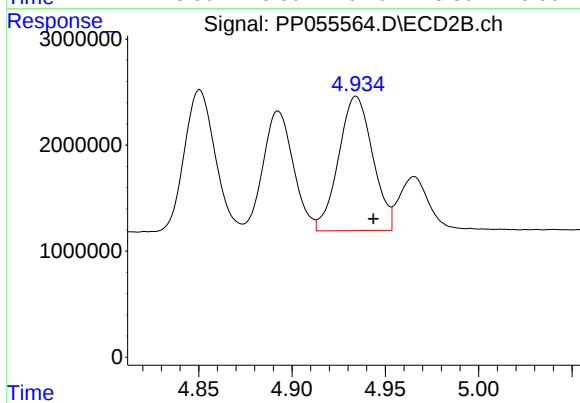
#13 AR-1232-3

R.T.: 4.851 min
Delta R.T.: -0.008 min
Response: 15231415
Conc: 913.65 ng/ml



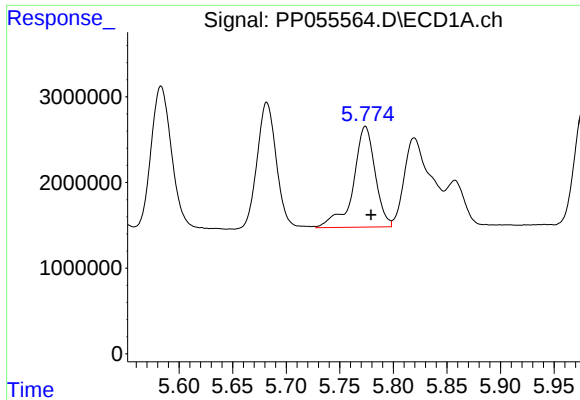
#14 AR-1232-4

R.T.: 5.682 min
Delta R.T.: -0.006 min
Response: 18455149
Conc: 833.78 ng/ml



#14 AR-1232-4

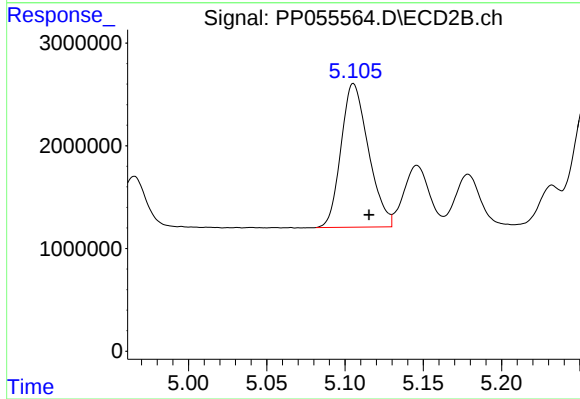
R.T.: 4.934 min
Delta R.T.: -0.009 min
Response: 16096445
Conc: 998.16 ng/ml



#15 AR-1232-5

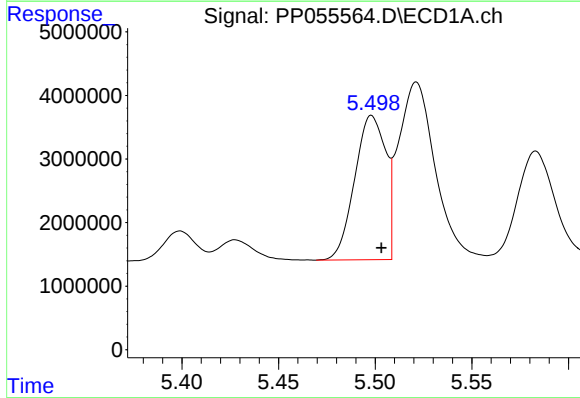
R.T.: 5.774 min
Delta R.T.: -0.005 min
Response: 16689311
Conc: 953.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



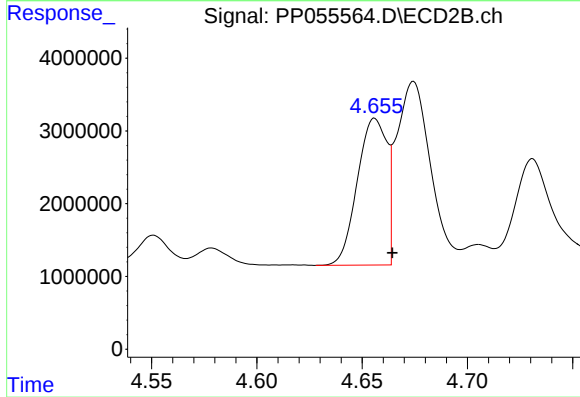
#15 AR-1232-5

R.T.: 5.105 min
Delta R.T.: -0.010 min
Response: 17052457
Conc: 965.52 ng/ml



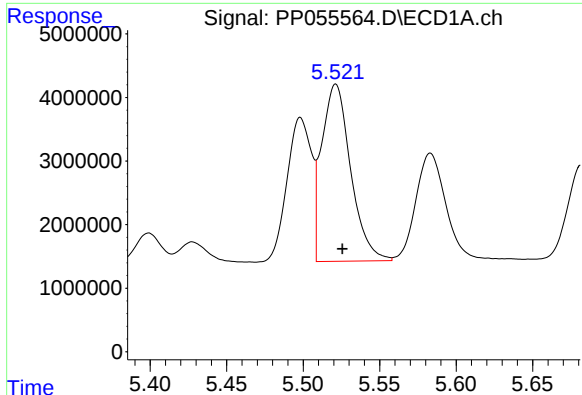
#16 AR-1242-1

R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 25317320
Conc: 452.19 ng/ml



#16 AR-1242-1

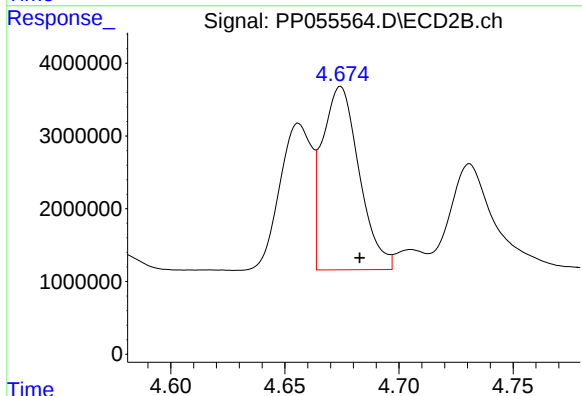
R.T.: 4.656 min
Delta R.T.: -0.008 min
Response: 19642135
Conc: 479.52 ng/ml



#17 AR-1242-2

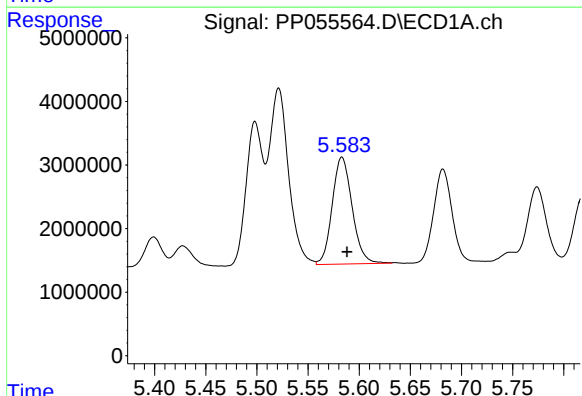
R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 36699570
Conc: 459.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



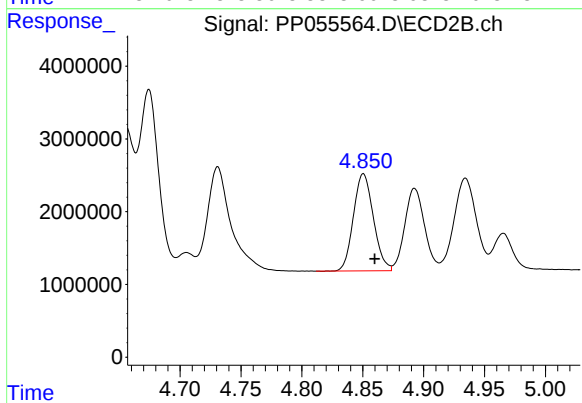
#17 AR-1242-2

R.T.: 4.674 min
Delta R.T.: -0.008 min
Response: 28321475
Conc: 495.99 ng/ml



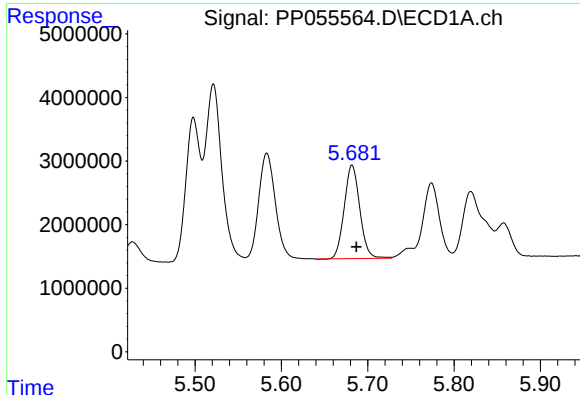
#18 AR-1242-3

R.T.: 5.583 min
Delta R.T.: -0.005 min
Response: 22818704
Conc: 459.49 ng/ml



#18 AR-1242-3

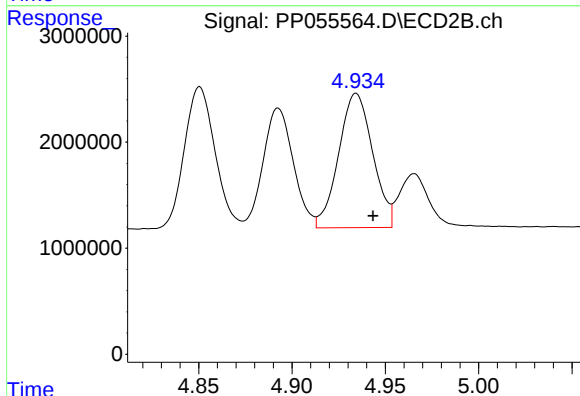
R.T.: 4.851 min
Delta R.T.: -0.009 min
Response: 15231415
Conc: 493.44 ng/ml



#19 AR-1242-4

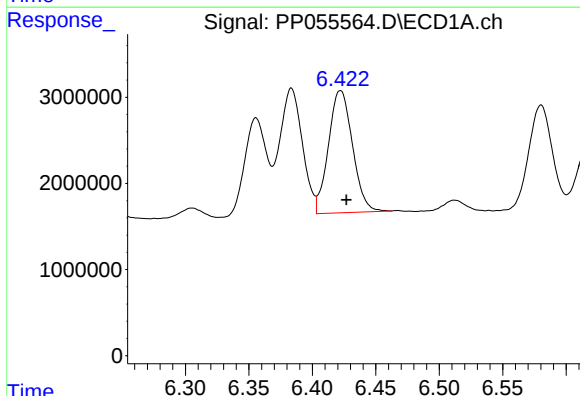
R.T.: 5.682 min
Delta R.T.: -0.005 min
Response: 18455149
Conc: 460.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



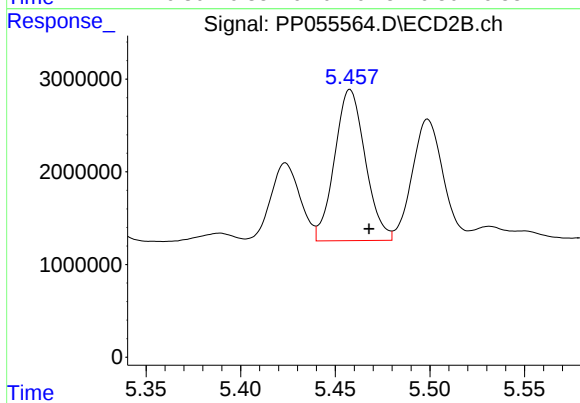
#19 AR-1242-4

R.T.: 4.934 min
Delta R.T.: -0.009 min
Response: 16096445
Conc: 495.47 ng/ml



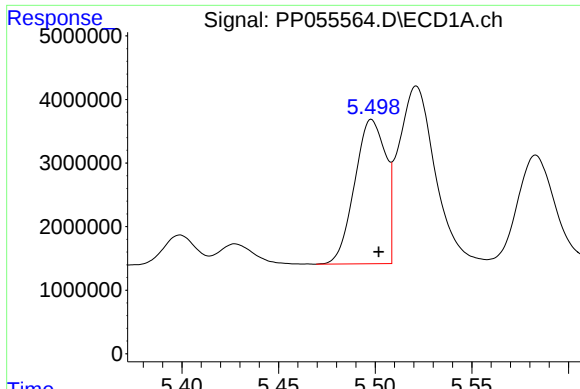
#20 AR-1242-5

R.T.: 6.422 min
Delta R.T.: -0.005 min
Response: 18755400
Conc: 421.82 ng/ml



#20 AR-1242-5

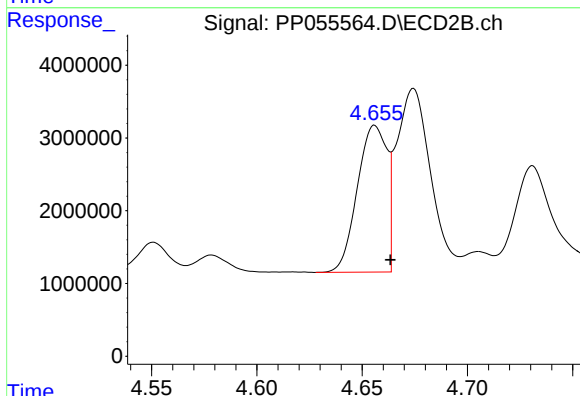
R.T.: 5.458 min
Delta R.T.: -0.010 min
Response: 18395025
Conc: 492.22 ng/ml



#21 AR-1248-1

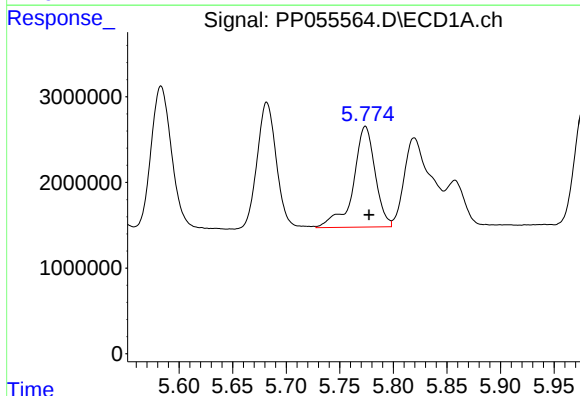
R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 25317320
Conc: 607.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



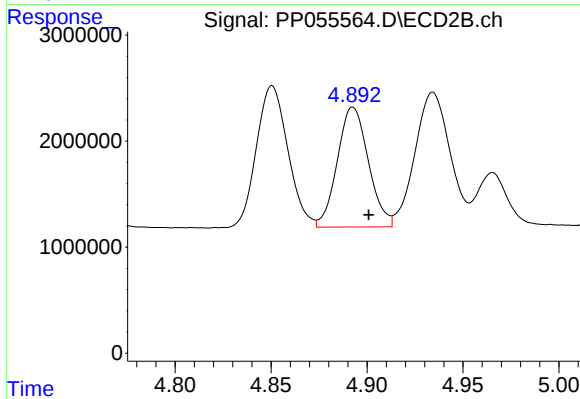
#21 AR-1248-1

R.T.: 4.656 min
Delta R.T.: -0.007 min
Response: 19642135
Conc: 633.55 ng/ml



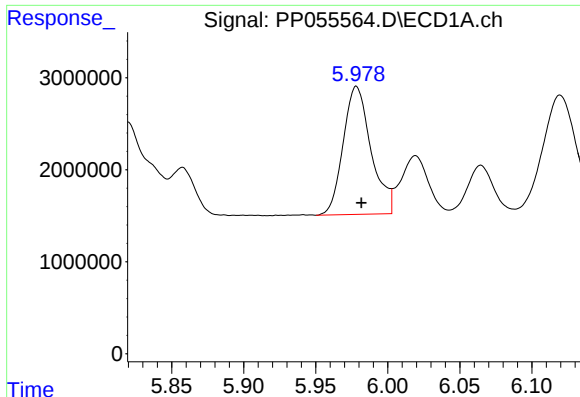
#22 AR-1248-2

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 16689311
Conc: 262.52 ng/ml



#22 AR-1248-2

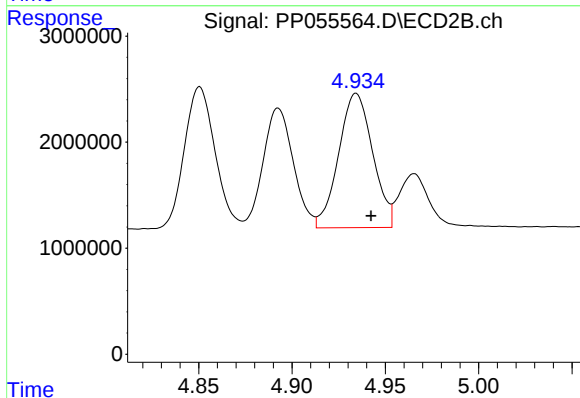
R.T.: 4.893 min
Delta R.T.: -0.008 min
Response: 12774138
Conc: 279.35 ng/ml



#23 AR-1248-3

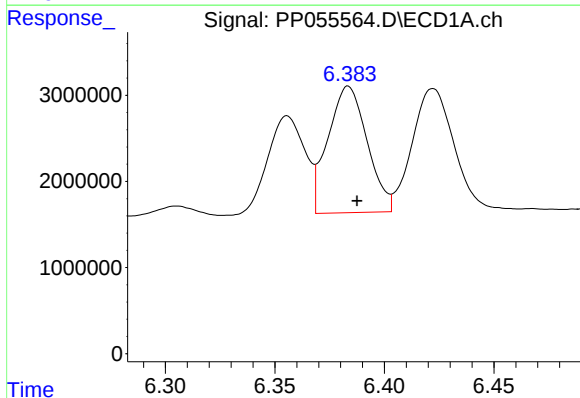
R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 18768218
Conc: 271.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



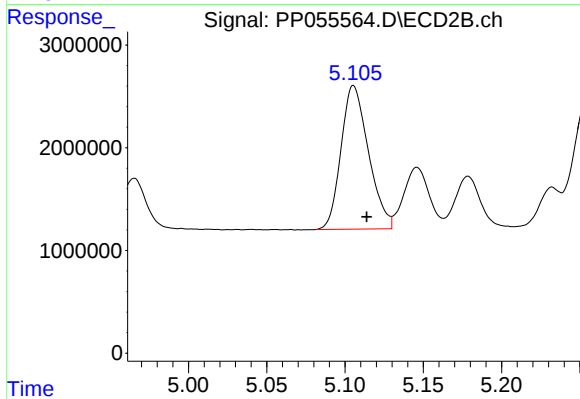
#23 AR-1248-3

R.T.: 4.934 min
Delta R.T.: -0.008 min
Response: 16096445
Conc: 337.64 ng/ml



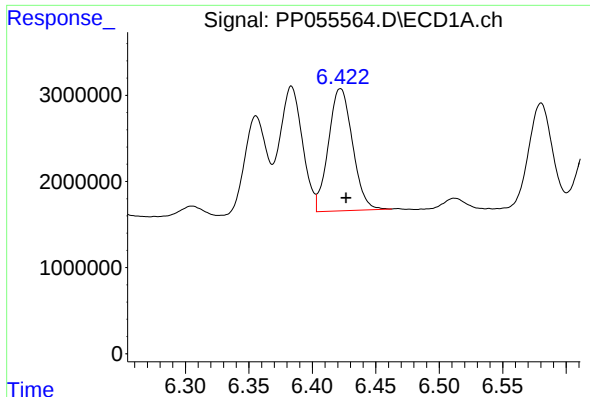
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 18304296
Conc: 241.37 ng/ml



#24 AR-1248-4

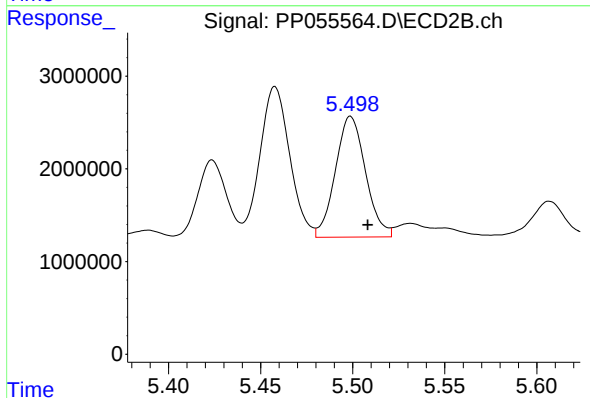
R.T.: 5.105 min
Delta R.T.: -0.008 min
Response: 17052457
Conc: 308.77 ng/ml



#25 AR-1248-5

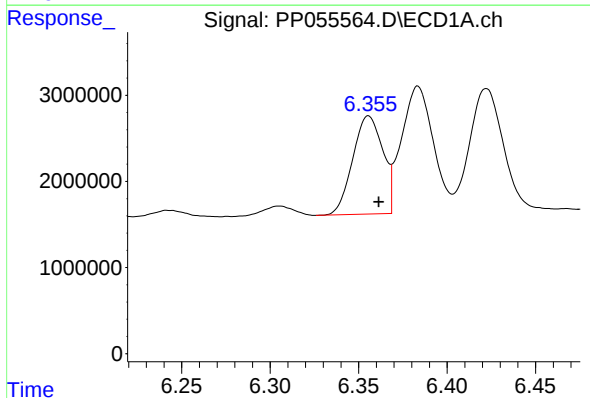
R.T.: 6.422 min
Delta R.T.: -0.004 min
Response: 18755400
Conc: 254.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



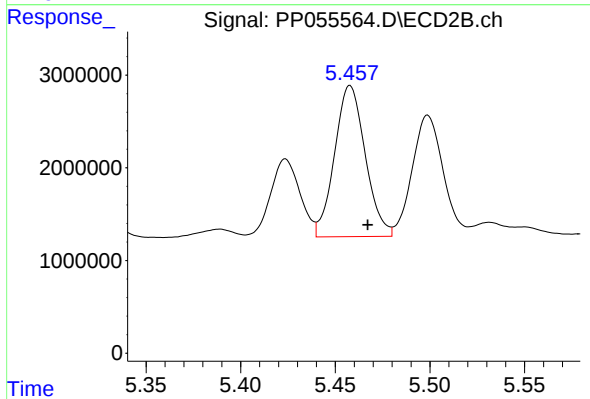
#25 AR-1248-5

R.T.: 5.499 min
Delta R.T.: -0.009 min
Response: 14860807
Conc: 302.23 ng/ml



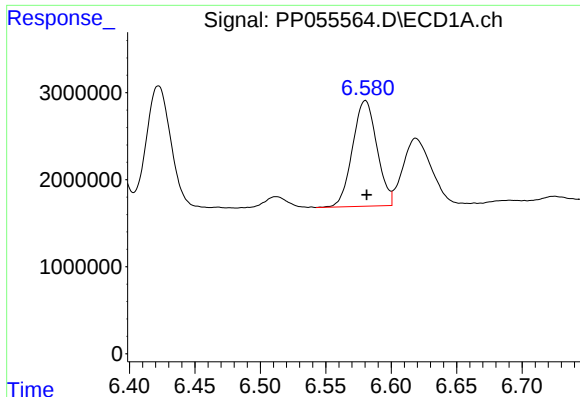
#26 AR-1254-1

R.T.: 6.356 min
Delta R.T.: -0.006 min
Response: 13445721
Conc: 170.43 ng/ml



#26 AR-1254-1

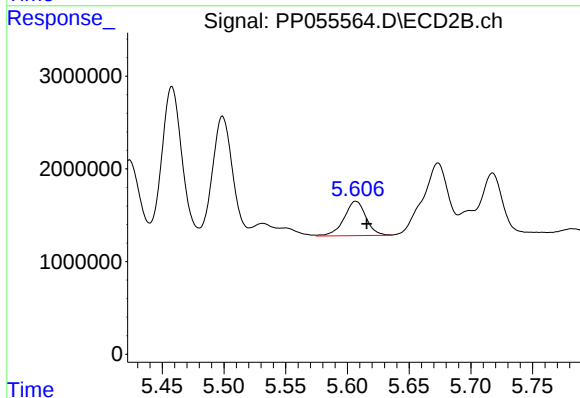
R.T.: 5.458 min
Delta R.T.: -0.009 min
Response: 18395025
Conc: 227.78 ng/ml



#27 AR-1254-2

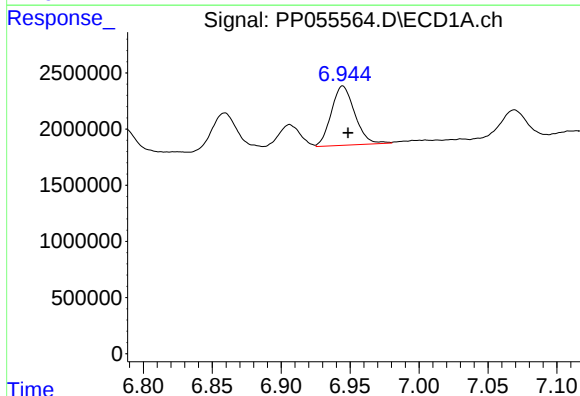
R.T.: 6.580 min
Delta R.T.: -0.001 min
Response: 15771118
Conc: 130.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



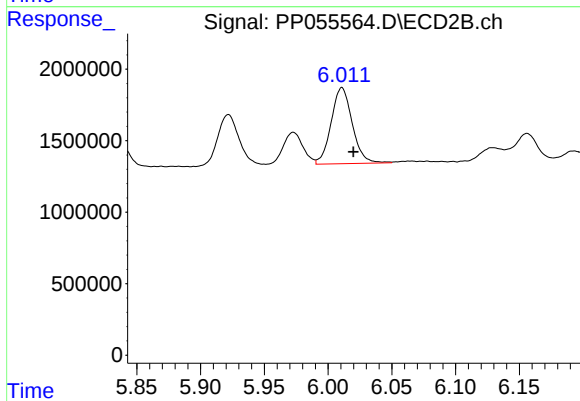
#27 AR-1254-2

R.T.: 5.607 min
Delta R.T.: -0.009 min
Response: 4608060
Conc: 64.39 ng/ml



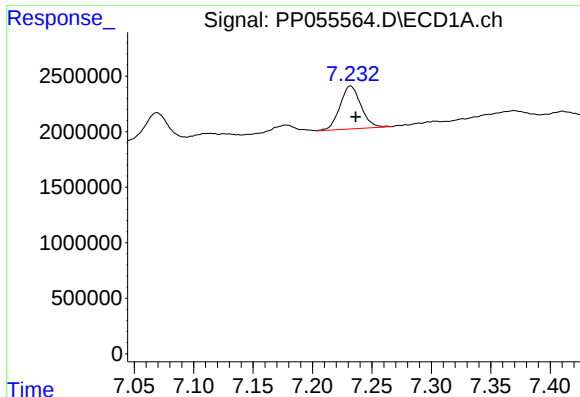
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 6248486
Conc: 51.01 ng/ml



#28 AR-1254-3

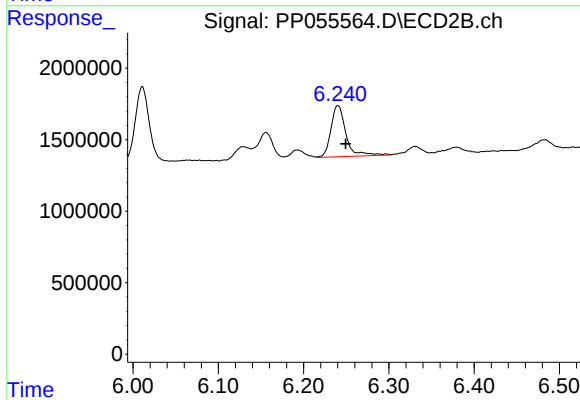
R.T.: 6.011 min
Delta R.T.: -0.009 min
Response: 6134922
Conc: 55.07 ng/ml



#29 AR-1254-4

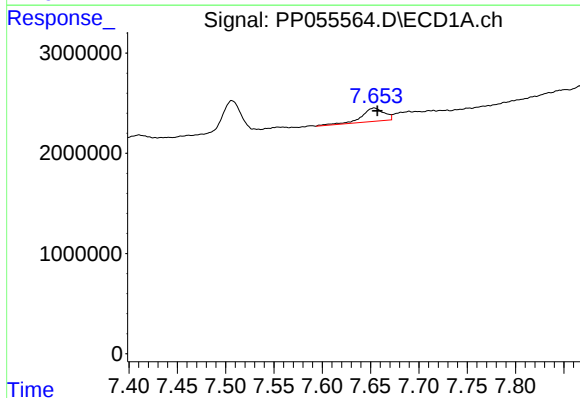
R.T.: 7.232 min
Delta R.T.: -0.004 min
Response: 4753367
Conc: 53.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



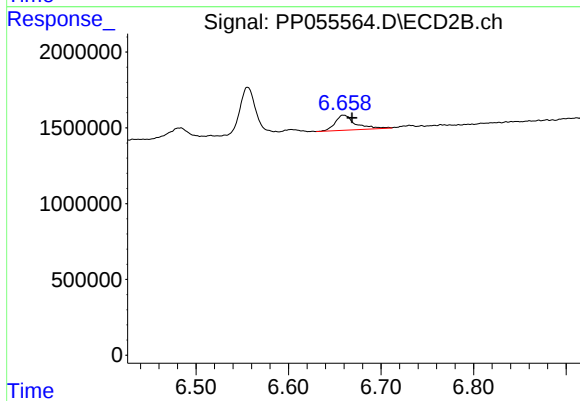
#29 AR-1254-4

R.T.: 6.240 min
Delta R.T.: -0.009 min
Response: 4346491
Conc: 70.67 ng/ml



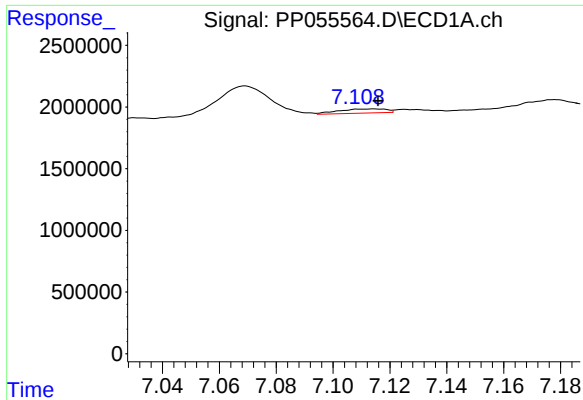
#30 AR-1254-5

R.T.: 7.654 min
Delta R.T.: -0.003 min
Response: 2168040
Conc: 21.43 ng/ml



#30 AR-1254-5

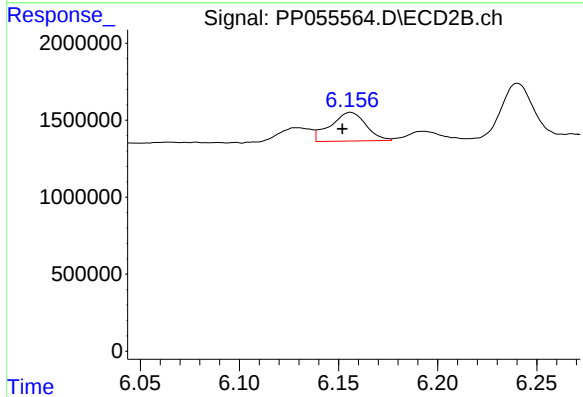
R.T.: 6.660 min
Delta R.T.: -0.009 min
Response: 1521116
Conc: 16.04 ng/ml



#31 AR-1260-1

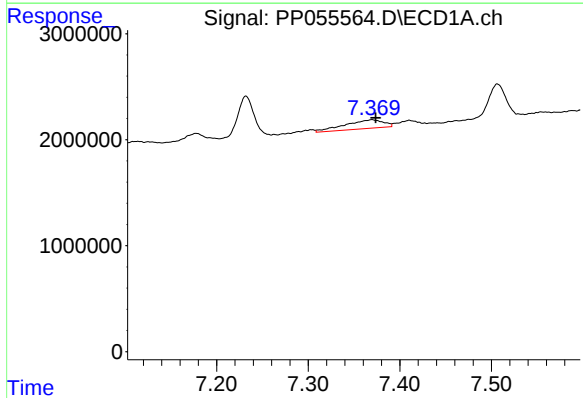
R.T.: 7.114 min
Delta R.T.: -0.001 min
Response: 395927
Conc: 4.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



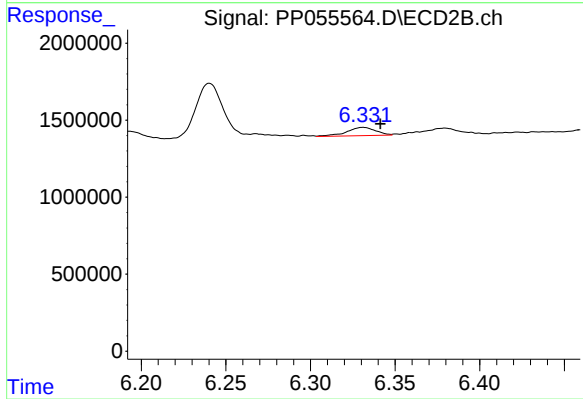
#31 AR-1260-1

R.T.: 6.156 min
Delta R.T.: 0.004 min
Response: 2326758
Conc: 30.01 ng/ml



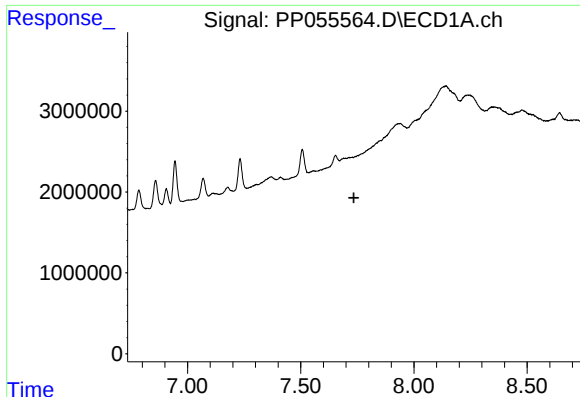
#32 AR-1260-2

R.T.: 7.370 min
Delta R.T.: -0.004 min
Response: 2395110
Conc: 21.28 ng/ml



#32 AR-1260-2

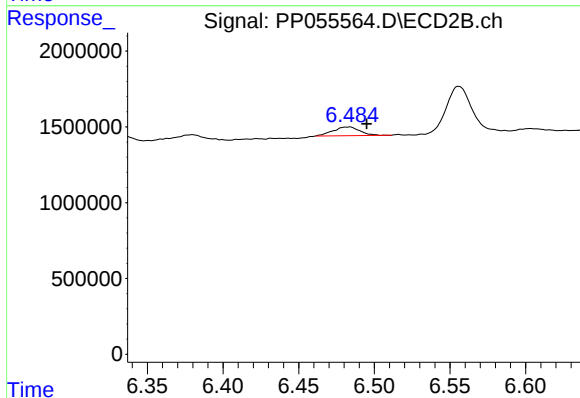
R.T.: 6.331 min
Delta R.T.: -0.010 min
Response: 636870
Conc: 7.08 ng/ml



#33 AR-1260-3

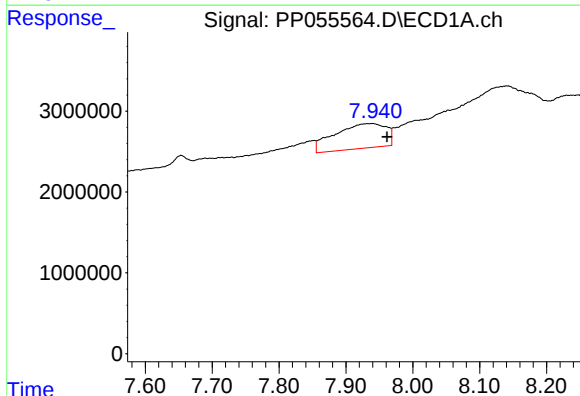
R.T.: 0.000 min
Exp R.T.: 7.735 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



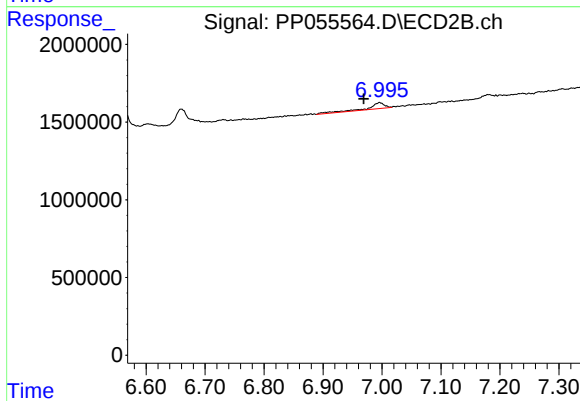
#33 AR-1260-3

R.T.: 6.483 min
Delta R.T.: -0.012 min
Response: 711632
Conc: 8.38 ng/ml



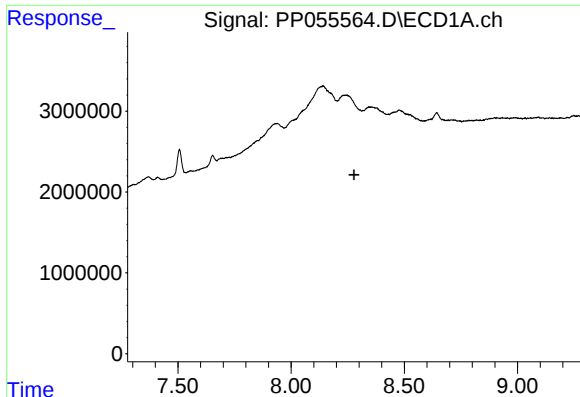
#34 AR-1260-4

R.T.: 7.940 min
Delta R.T.: -0.021 min
Response: 16376930
Conc: 168.70 ng/ml



#34 AR-1260-4

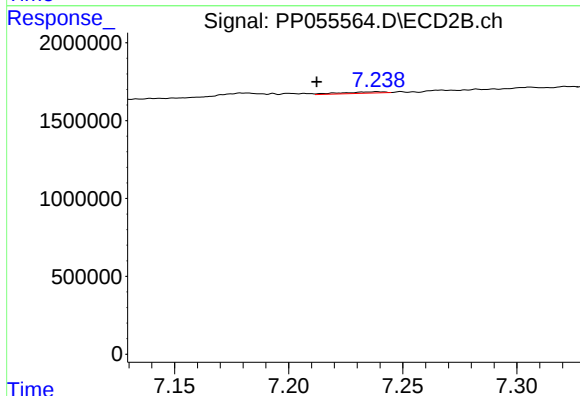
R.T.: 6.996 min
Delta R.T.: 0.027 min
Response: 791893
Conc: 11.06 ng/ml



#35 AR-1260-5

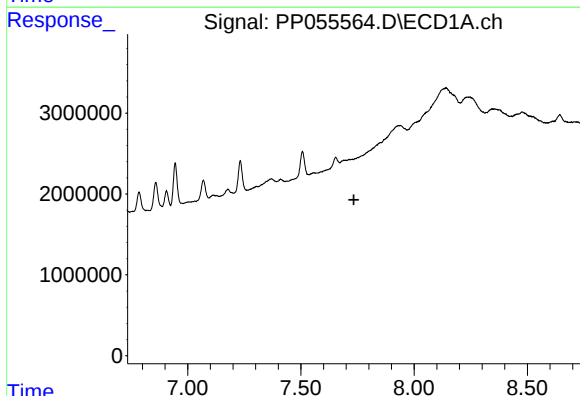
R.T.: 0.000 min
Exp R.T.: 8.278 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



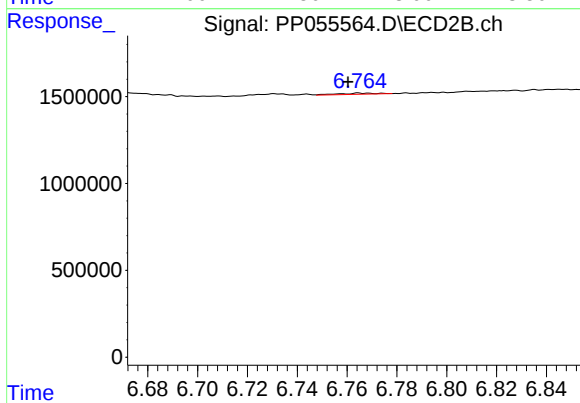
#35 AR-1260-5

R.T.: 7.239 min
Delta R.T.: 0.027 min
Response: 119912
Conc: 0.78 ng/ml



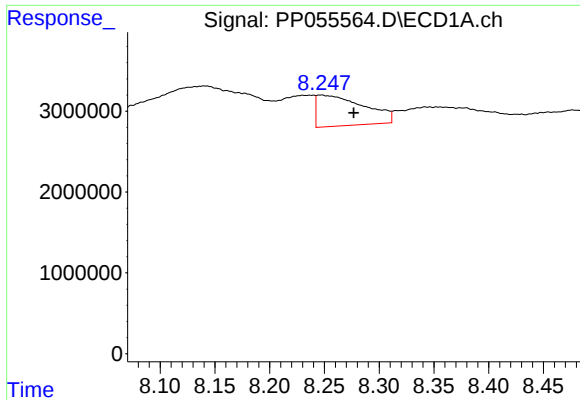
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.734 min
Response: 0
Conc: N.D.



#36 AR-1262-1

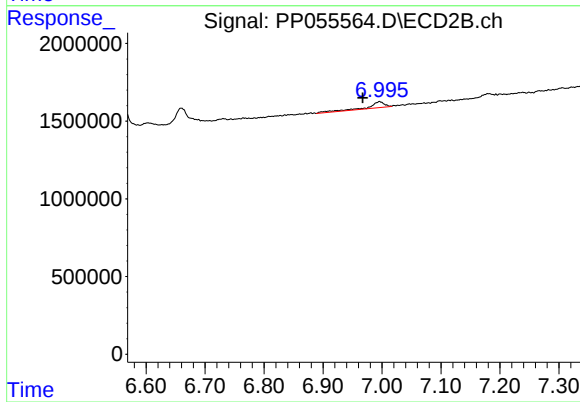
R.T.: 6.765 min
Delta R.T.: 0.005 min
Response: 65271
Conc: 1.52 ng/ml



#37 AR-1262-2

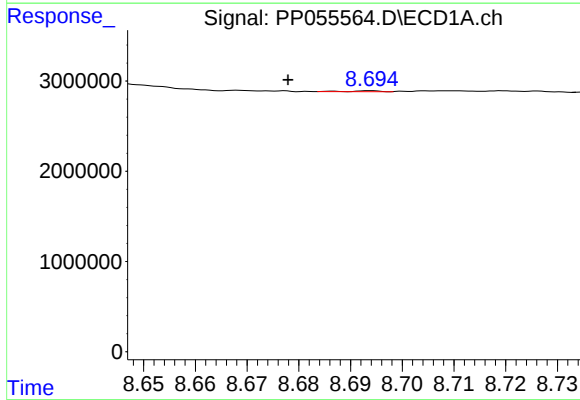
R.T.: 8.247 min
Delta R.T.: -0.030 min
Response: 11477704
Conc: 56.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



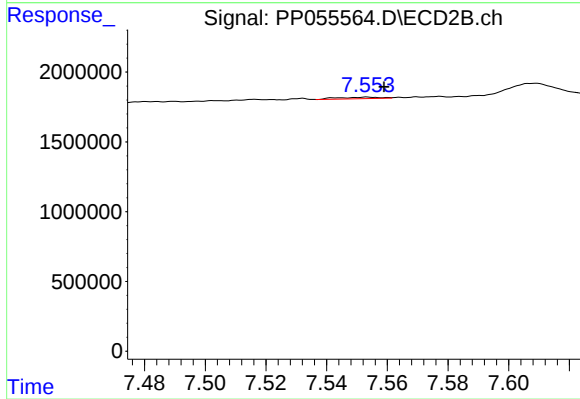
#37 AR-1262-2

R.T.: 6.996 min
Delta R.T.: 0.029 min
Response: 791893
Conc: 8.55 ng/ml



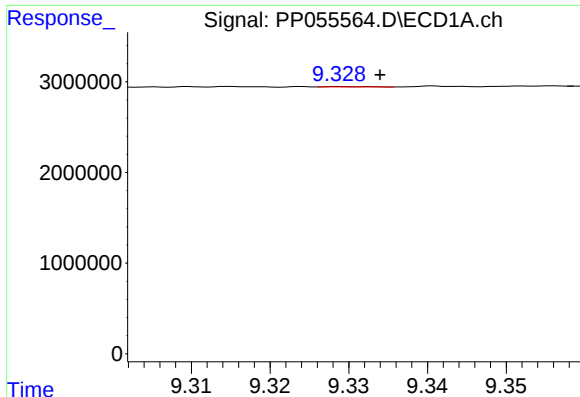
#39 AR-1262-4

R.T.: 8.694 min
Delta R.T.: 0.016 min
Response: 36452
Conc: 0.47 ng/ml



#39 AR-1262-4

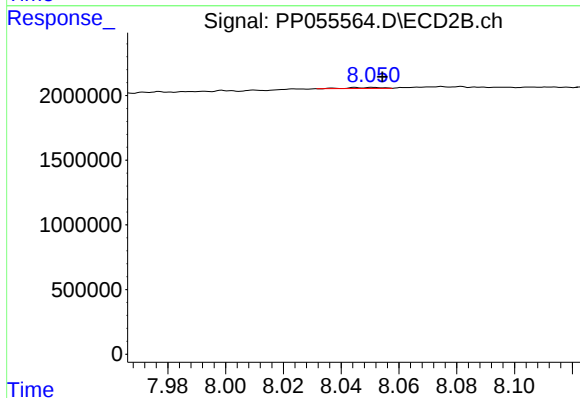
R.T.: 7.553 min
Delta R.T.: -0.005 min
Response: 102933
Conc: 0.79 ng/ml



#40 AR-1262-5

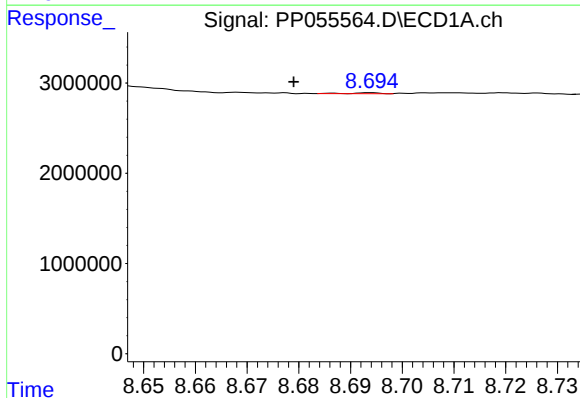
R.T.: 9.329 min
Delta R.T.: -0.005 min
Response: 15338
Conc: 0.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



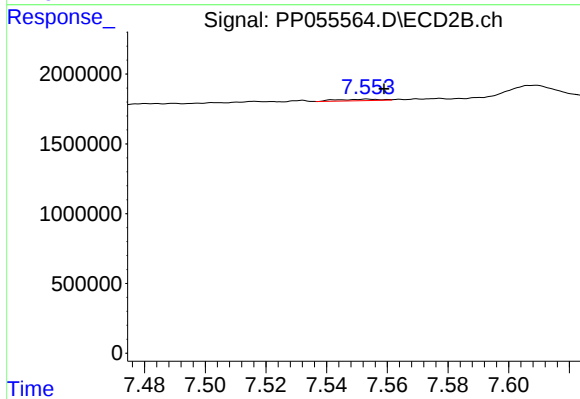
#40 AR-1262-5

R.T.: 8.051 min
Delta R.T.: -0.003 min
Response: 60136
Conc: 1.01 ng/ml



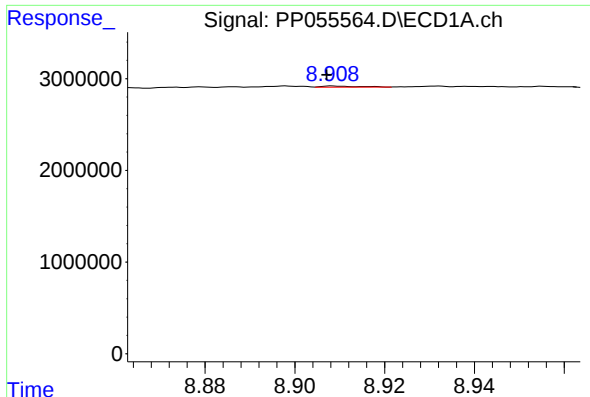
#42 AR-1268-2

R.T.: 8.694 min
Delta R.T.: 0.015 min
Response: 36452
Conc: 0.16 ng/ml



#42 AR-1268-2

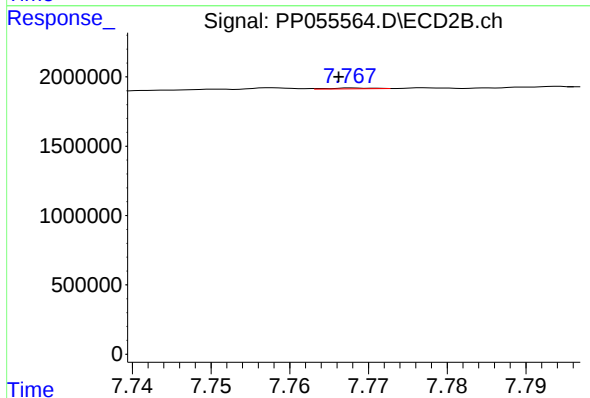
R.T.: 7.553 min
Delta R.T.: -0.005 min
Response: 102933
Conc: 0.53 ng/ml



#43 AR-1268-3

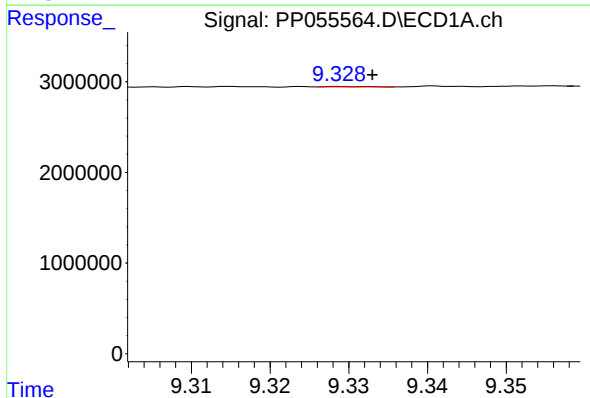
R.T.: 8.909 min
Delta R.T.: 0.002 min
Response: 69812
Conc: 0.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



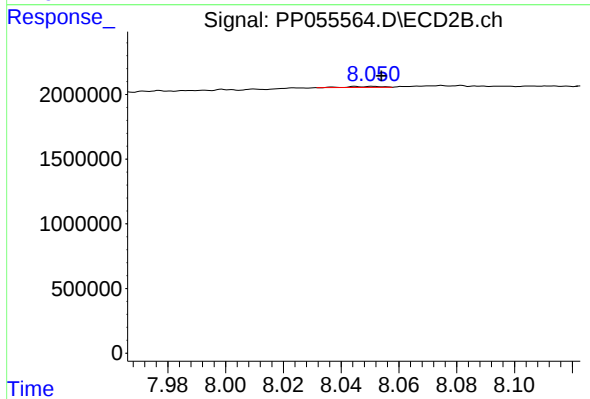
#43 AR-1268-3

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 25040
Conc: 0.15 ng/ml



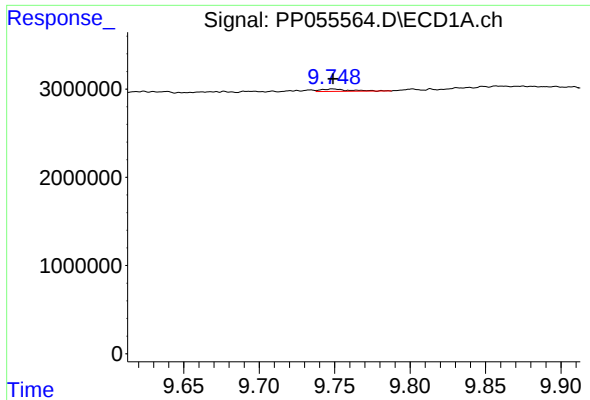
#44 AR-1268-4

R.T.: 9.329 min
Delta R.T.: -0.004 min
Response: 15338
Conc: 0.20 ng/ml



#44 AR-1268-4

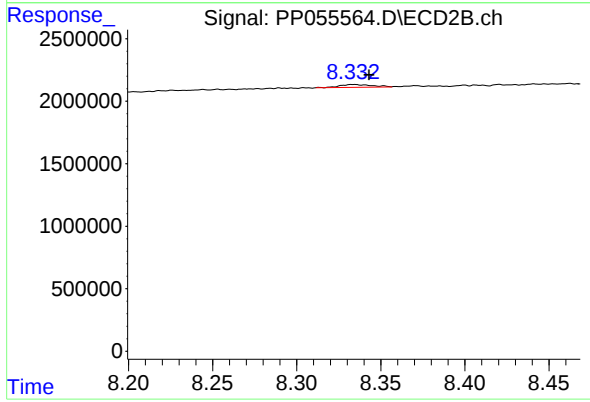
R.T.: 8.051 min
Delta R.T.: -0.003 min
Response: 60136
Conc: 0.94 ng/ml



#45 AR-1268-5

R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 360873
Conc: 0.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.334 min
Delta R.T.: -0.009 min
Response: 305117
Conc: 0.58 ng/ml