

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022323\
 Data File : PP055854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 13:38
 Operator : YP\AJ
 Sample : 01645-01
 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 23 19:08:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.324	3.568	34003133	28213378	21.104	19.322
2)	SA Decachlor...	10.075	8.573	22520554	-1589864	11.040	N.D. #
Target Compounds							
3)	L1 AR-1016-1	5.478f	4.678f	1007374	529832	16.881	11.766 #
4)	L1 AR-1016-2	5.518	4.678	1654883	529832	18.915	8.158 #
5)	L1 AR-1016-3	5.593	4.848	1256876	551895	22.626	15.880 #
6)	L1 AR-1016-4	5.684	4.892	63301	584131	1.421	19.542 #
7)	L1 AR-1016-5	5.984	5.130f	162.1E6	136537	3356.148	3.454 #
8)	L2 AR-1221-1	4.533	3.776	134517	418408	6.463	23.293 #
9)	L2 AR-1221-2	4.630	3.866	442781	328436	27.836	25.008
10)	L2 AR-1221-3	4.713f	3.940	353889	251655	7.295	6.029
11)	L3 AR-1232-1	4.713f	3.940	353889	251655	8.934	7.310
12)	L3 AR-1232-2	0.000	4.678	0	529832	N.D.	18.052 #
13)	L3 AR-1232-3	5.518	4.848	1654883	551895	41.998	36.315
14)	L3 AR-1232-4	5.684	4.955f	63301	119.2E6	3.231	7863.005 #
15)	L3 AR-1232-5	5.774	5.130f	538583	136537	33.676	8.330 #
16)	L4 AR-1242-1	5.478f	4.678f	1007374	529832	20.863	14.400 #
17)	L4 AR-1242-2	5.518	4.678	1654883	529832	23.289	10.059 #
18)	L4 AR-1242-3	5.593	4.848	1256876	551895	28.172	19.494 #
19)	L4 AR-1242-4	5.684	4.955f	63301	119.2E6	1.752	3863.507 #
20)	L4 AR-1242-5	6.450f	5.460	1513829	5255452	36.139	157.777 #
21)	L5 AR-1248-1	5.478f	4.678f	1007374	529832	27.688	18.971 #
22)	L5 AR-1248-2	5.774	4.892	538583	584131	9.360	13.731 #
23)	L5 AR-1248-3	5.984	4.955f	162.1E6	119.2E6	2493.915	2678.570
24)	L5 AR-1248-4	6.388	5.130f	11901836	136537	164.043	2.667 #
25)	L5 AR-1248-5	0.000	5.500	0	3536086	N.D.	80.227 #
26)	L6 AR-1254-1	6.340	5.460	6342013	5255452	86.260	71.433
27)	L6 AR-1254-2	6.582	0.000	2275538	0	19.718	N.D. #
28)	L6 AR-1254-3	6.960f	6.001	10490361	5929227	85.240	60.455 #
29)	L6 AR-1254-4	7.229	6.256f	3027966	502076	32.966	9.121 #
30)	L6 AR-1254-5	7.669f	6.652	12671148	10215210	120.559	125.727
31)	L7 AR-1260-1	7.108	6.155f	611244	1197303	5.903	16.424 #
32)	L7 AR-1260-2	7.360	6.325	12217203	217816	97.138	2.669 #
33)	L7 AR-1260-3	7.699f	6.477	2316977	18065	26.381	0.214 #
34)	L7 AR-1260-4	7.935f	6.958	2570771	697462	23.920	10.898 #
35)	L7 AR-1260-5	8.272	7.196	-105302	1281994	N.D.	9.471 #
36)	L8 AR-1262-1	7.699f	6.754	2316977	2080427	19.639	59.022 #
37)	L8 AR-1262-2	8.272	6.958	-105302	697462	N.D.	9.393 #
38)	L8 AR-1262-3	8.603f	0.000	3775474	0	24.696	N.D. #
40)	L8 AR-1262-5	9.315	8.032	5742280	385966	69.649	8.487 #
41)	L9 AR-1268-1	8.603f	0.000	3775474	0	13.229	N.D. #
43)	L9 AR-1268-3	0.000	7.741	0	273021	N.D.	1.990 #

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 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	9.315	8.032	5742280	385966	58.162	7.015 #
45) L9	AR-1268-5	9.752f	8.325	1736728	2417811	2.307	5.994 #

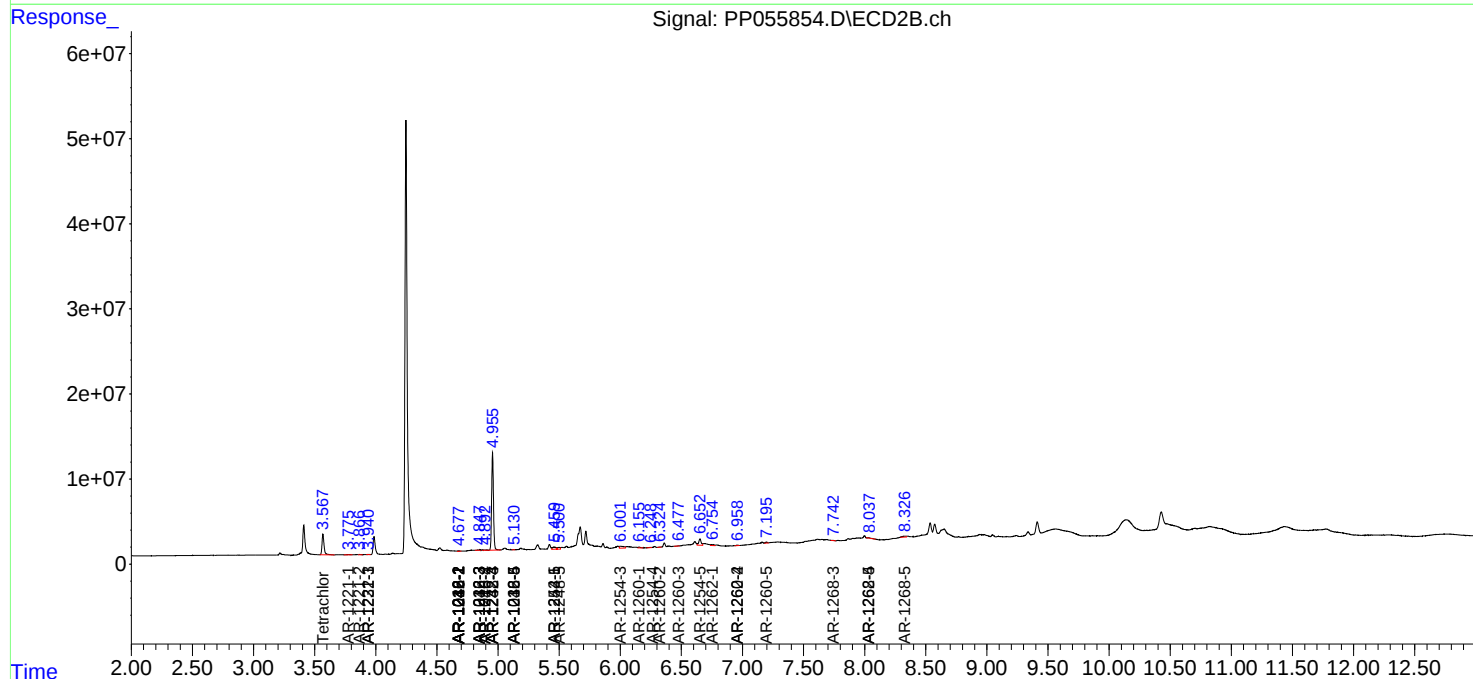
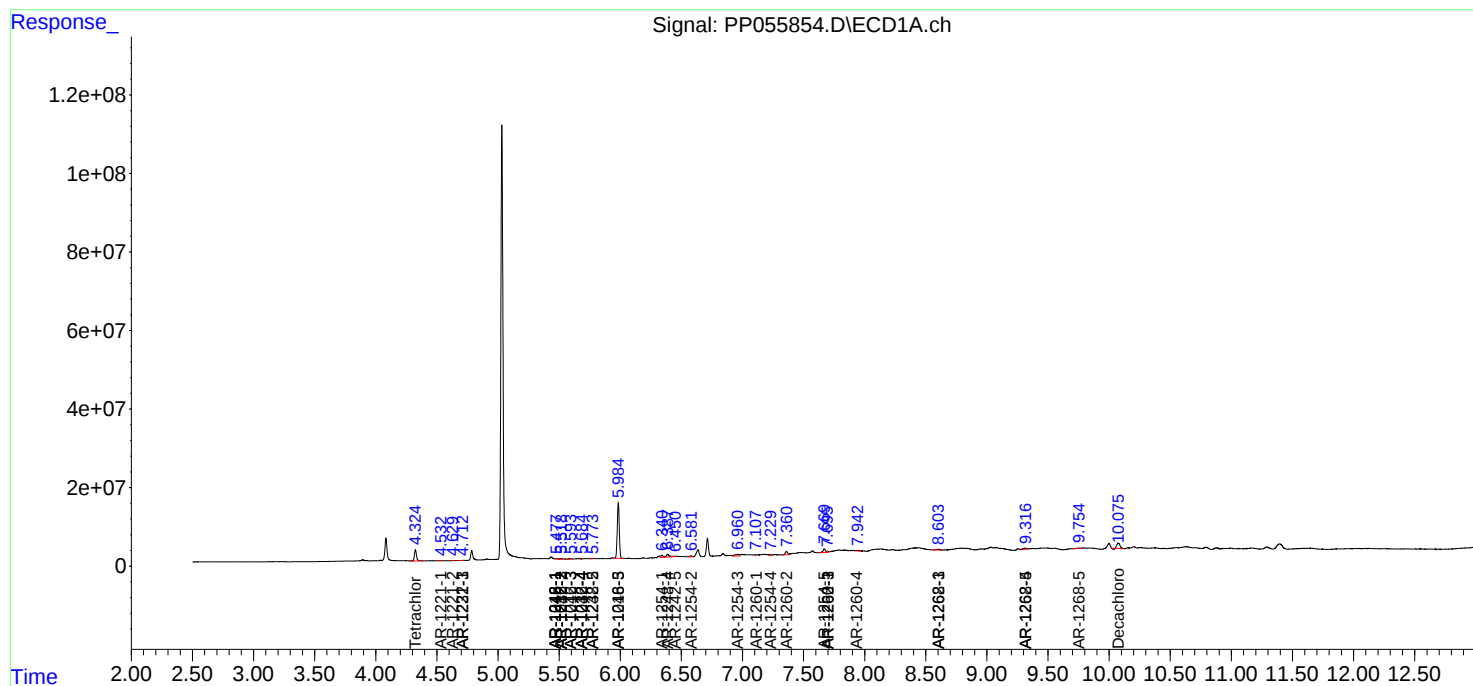
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

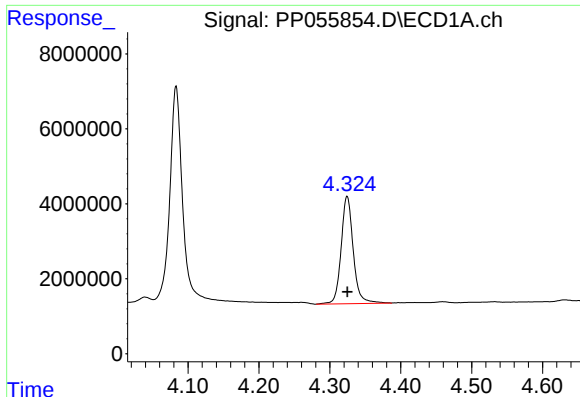
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

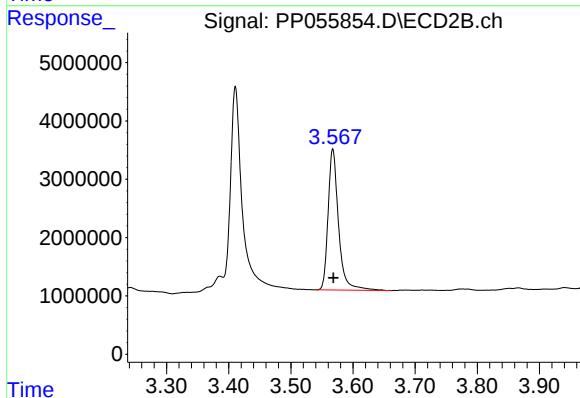




#1 Tetrachloro-m-xylene

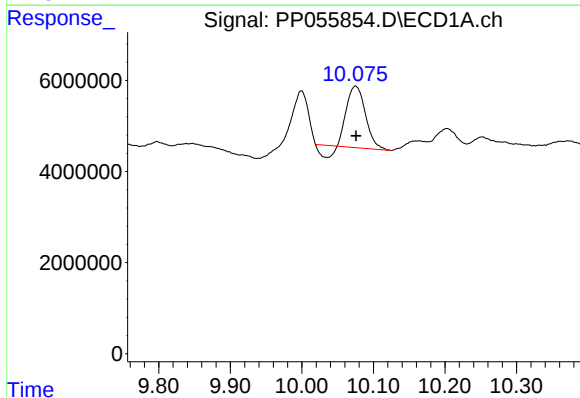
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 34003133
Conc: 21.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



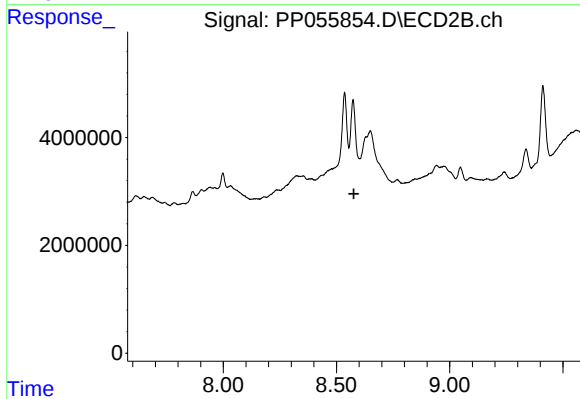
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.001 min
Response: 28213378
Conc: 19.32 ng/ml



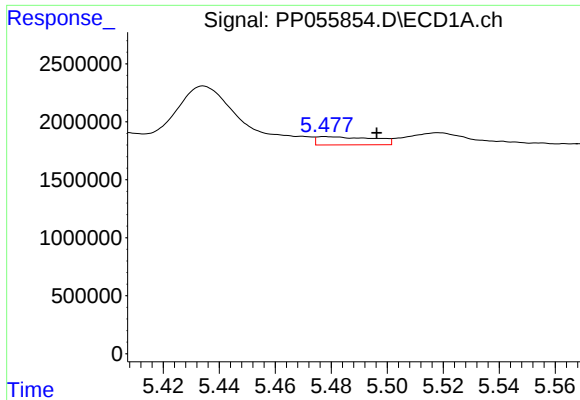
#2 Decachlorobiphenyl

R.T.: 10.075 min
Delta R.T.: 0.000 min
Response: 22520554
Conc: 11.04 ng/ml



#2 Decachlorobiphenyl

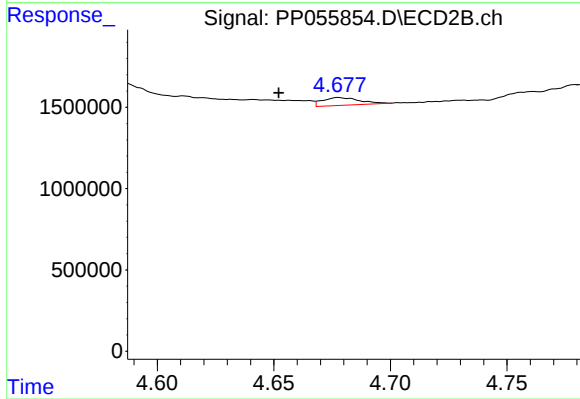
R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: -1589864
Conc: N.D.



#3 AR-1016-1

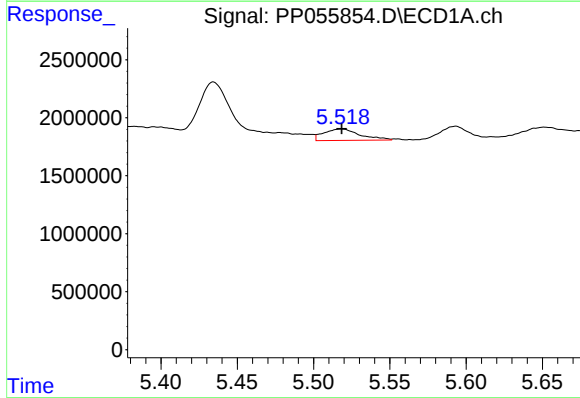
R.T.: 5.478 min
Delta R.T.: -0.018 min
Response: 1007374
Conc: 16.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



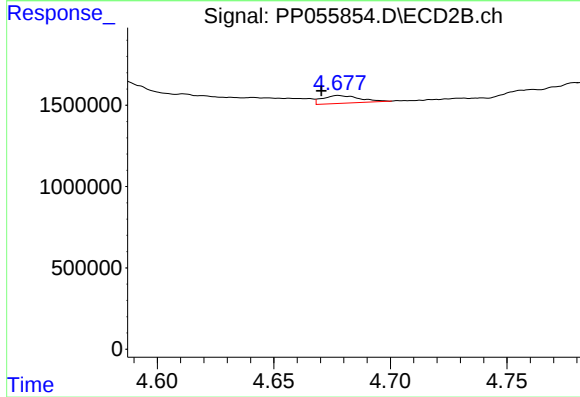
#3 AR-1016-1

R.T.: 4.678 min
Delta R.T.: 0.026 min
Response: 529832
Conc: 11.77 ng/ml



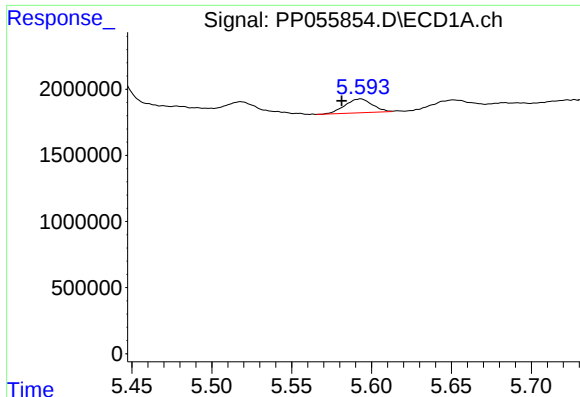
#4 AR-1016-2

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 1654883
Conc: 18.92 ng/ml



#4 AR-1016-2

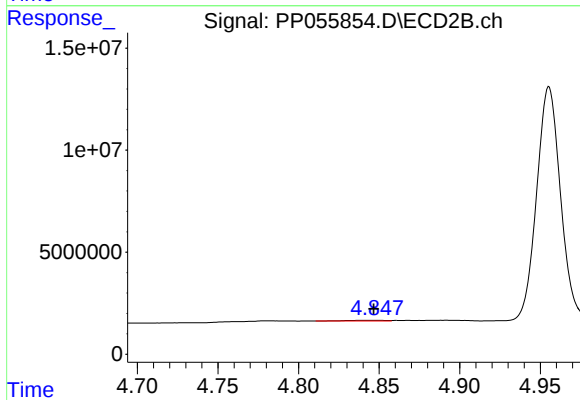
R.T.: 4.678 min
Delta R.T.: 0.007 min
Response: 529832
Conc: 8.16 ng/ml



#5 AR-1016-3

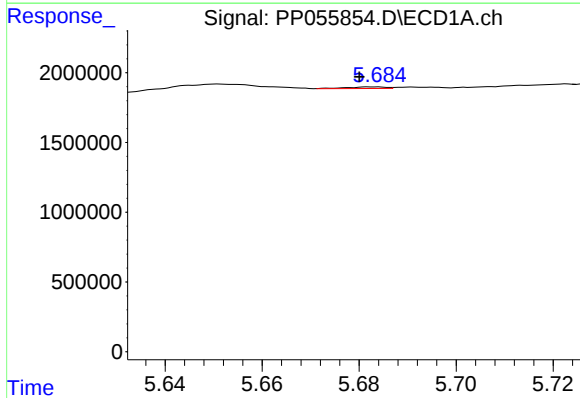
R.T.: 5.593 min
Delta R.T.: 0.012 min
Response: 1256876
Conc: 22.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



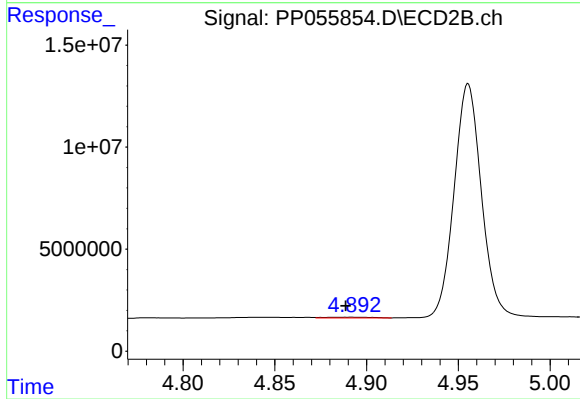
#5 AR-1016-3

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 551895
Conc: 15.88 ng/ml



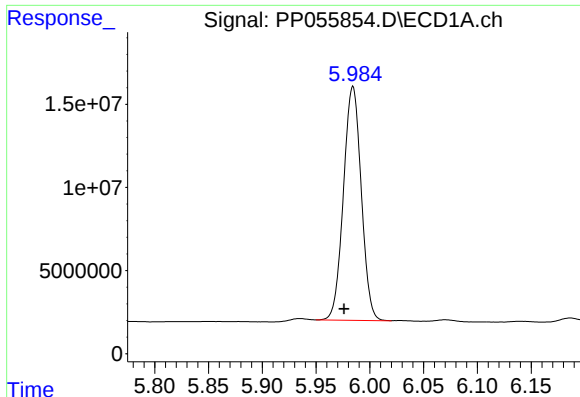
#6 AR-1016-4

R.T.: 5.684 min
Delta R.T.: 0.004 min
Response: 63301
Conc: 1.42 ng/ml



#6 AR-1016-4

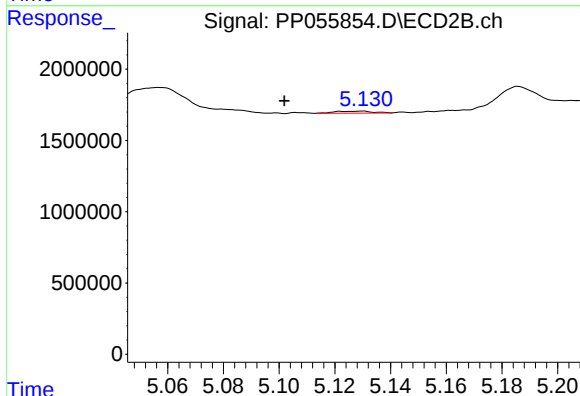
R.T.: 4.892 min
Delta R.T.: 0.003 min
Response: 584131
Conc: 19.54 ng/ml



#7 AR-1016-5

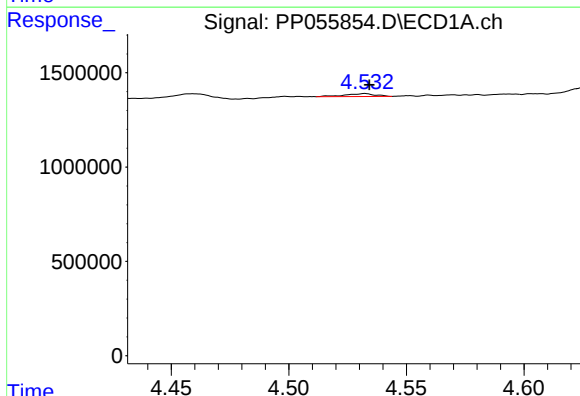
R.T.: 5.984 min
Delta R.T.: 0.008 min
Response: 162050394
Conc: 3356.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



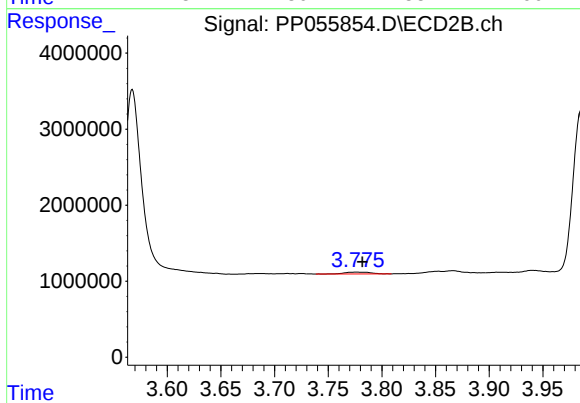
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: 0.028 min
Response: 136537
Conc: 3.45 ng/ml



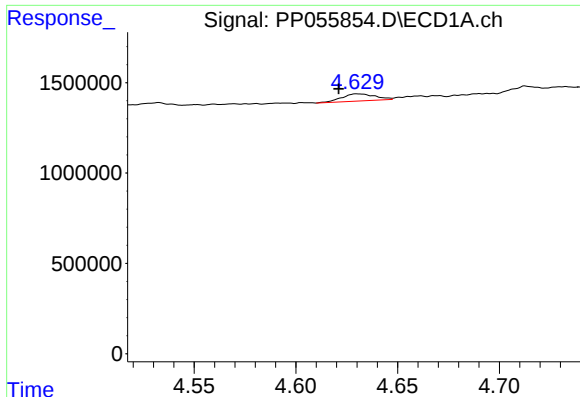
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.002 min
Response: 134517
Conc: 6.46 ng/ml



#8 AR-1221-1

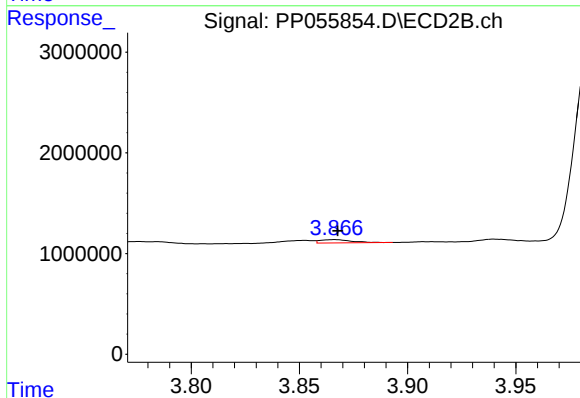
R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 418408
Conc: 23.29 ng/ml



#9 AR-1221-2

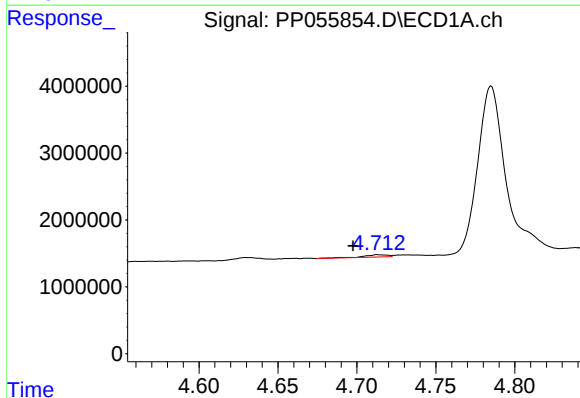
R.T.: 4.630 min
Delta R.T.: 0.009 min
Response: 442781
Conc: 27.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



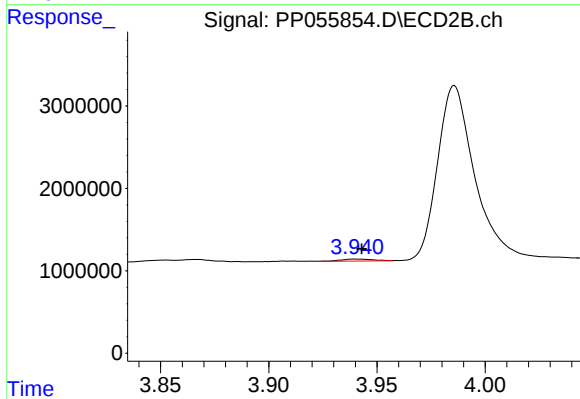
#9 AR-1221-2

R.T.: 3.866 min
Delta R.T.: -0.002 min
Response: 328436
Conc: 25.01 ng/ml



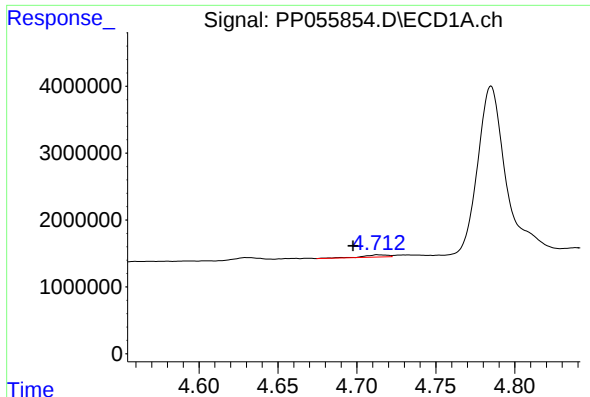
#10 AR-1221-3

R.T.: 4.713 min
Delta R.T.: 0.015 min
Response: 353889
Conc: 7.29 ng/ml



#10 AR-1221-3

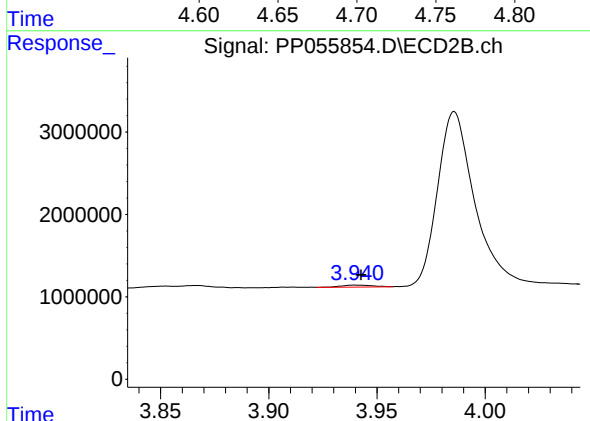
R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 251655
Conc: 6.03 ng/ml



#11 AR-1232-1

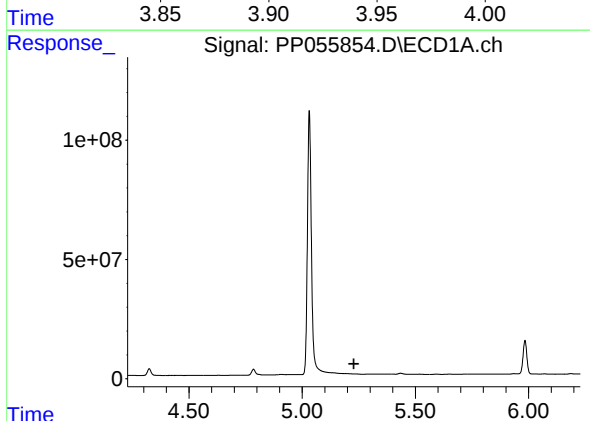
R.T.: 4.713 min
Delta R.T.: 0.015 min
Response: 353889
Conc: 8.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



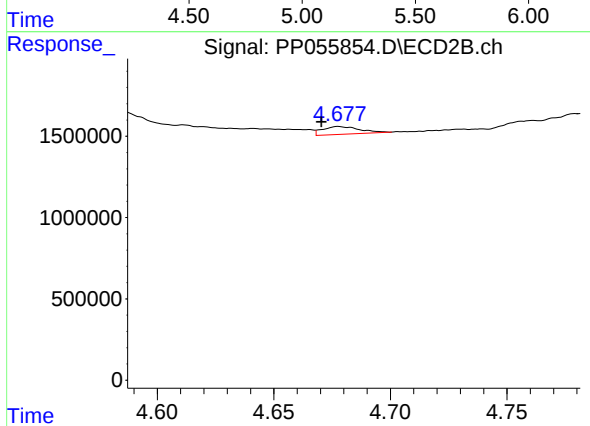
#11 AR-1232-1

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 251655
Conc: 7.31 ng/ml



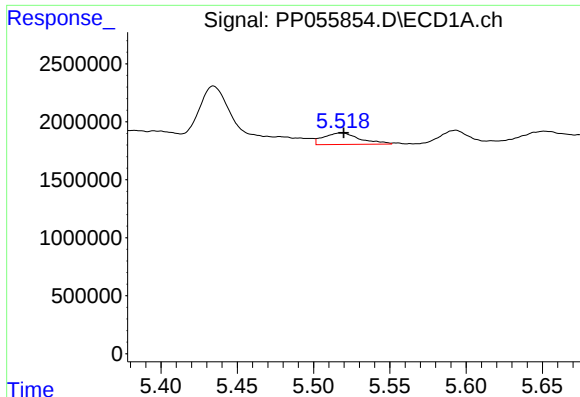
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.228 min
Response: 0
Conc: N.D.



#12 AR-1232-2

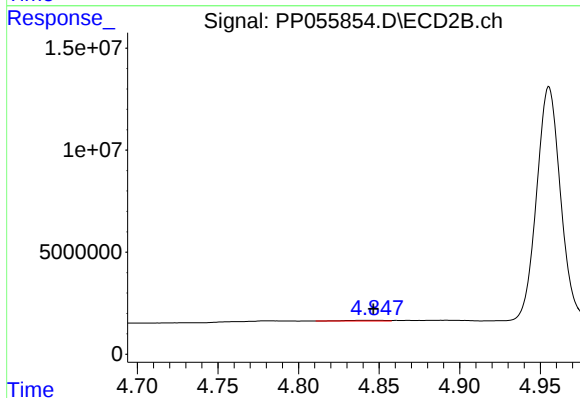
R.T.: 4.678 min
Delta R.T.: 0.007 min
Response: 529832
Conc: 18.05 ng/ml



#13 AR-1232-3

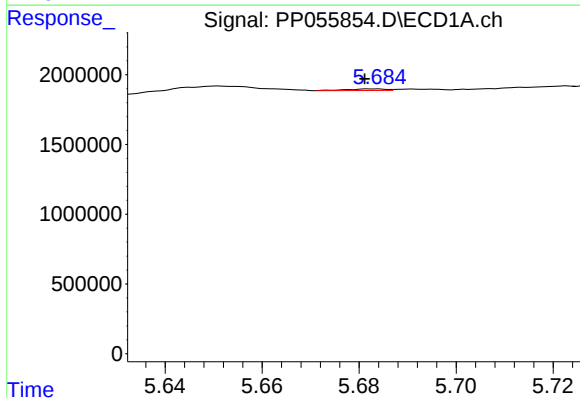
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 1654883
Conc: 42.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



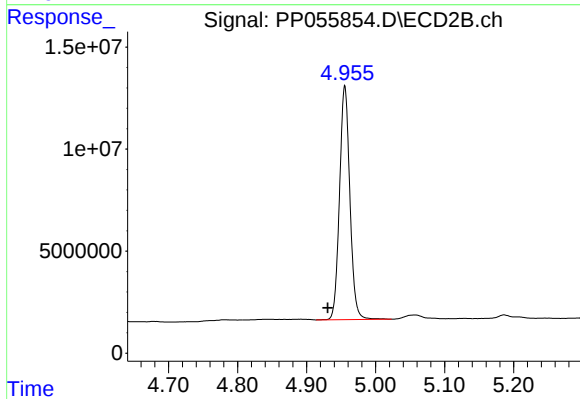
#13 AR-1232-3

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 551895
Conc: 36.32 ng/ml



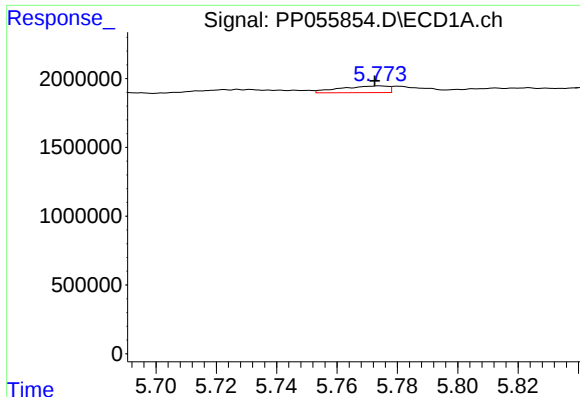
#14 AR-1232-4

R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 63301
Conc: 3.23 ng/ml



#14 AR-1232-4

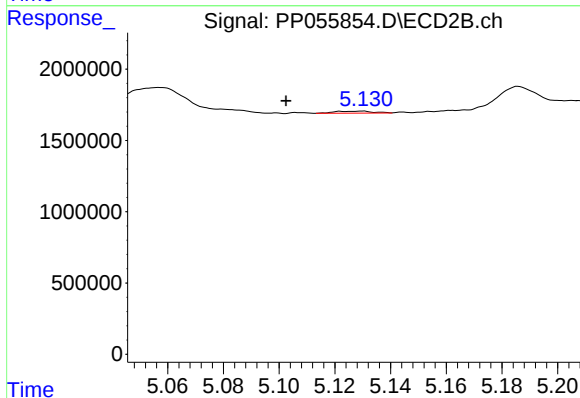
R.T.: 4.955 min
Delta R.T.: 0.025 min
Response: 119200224
Conc: 7863.01 ng/ml



#15 AR-1232-5

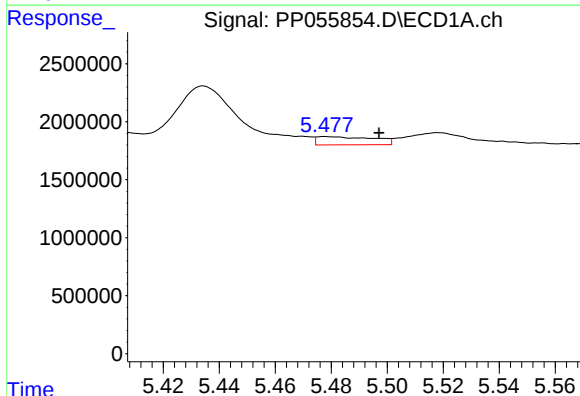
R.T.: 5.774 min
Delta R.T.: 0.002 min
Response: 538583
Conc: 33.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



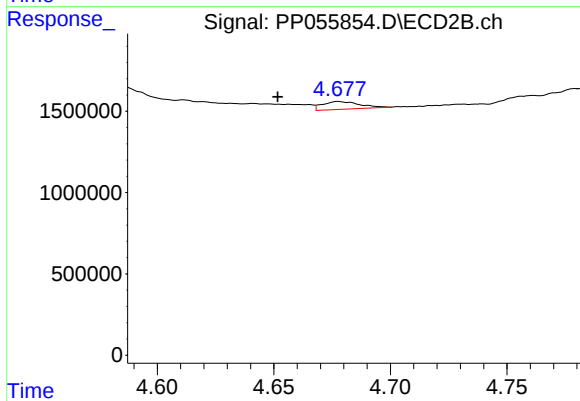
#15 AR-1232-5

R.T.: 5.130 min
Delta R.T.: 0.027 min
Response: 136537
Conc: 8.33 ng/ml



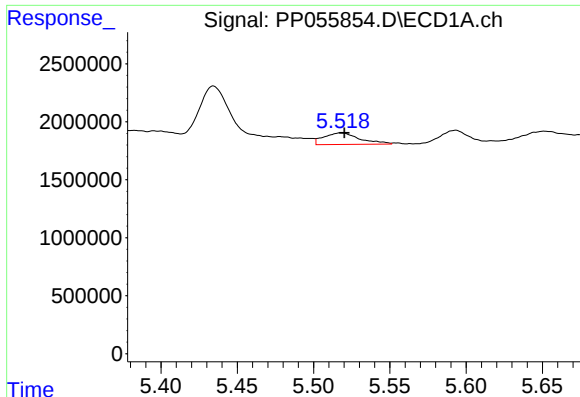
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.019 min
Response: 1007374
Conc: 20.86 ng/ml



#16 AR-1242-1

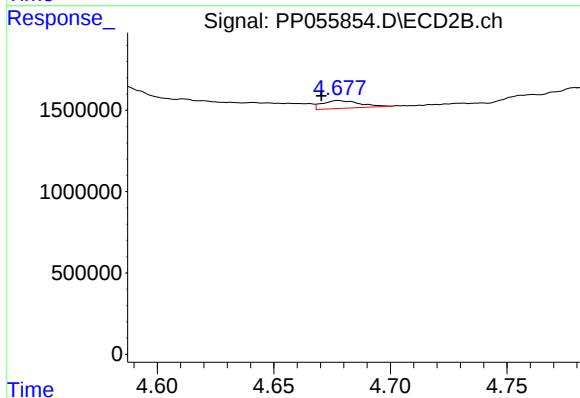
R.T.: 4.678 min
Delta R.T.: 0.026 min
Response: 529832
Conc: 14.40 ng/ml



#17 AR-1242-2

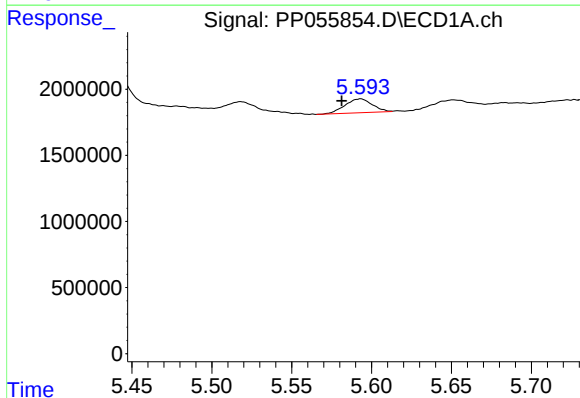
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 1654883
Conc: 23.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



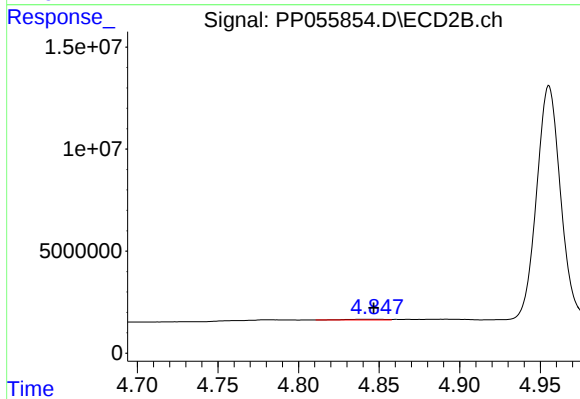
#17 AR-1242-2

R.T.: 4.678 min
Delta R.T.: 0.007 min
Response: 529832
Conc: 10.06 ng/ml



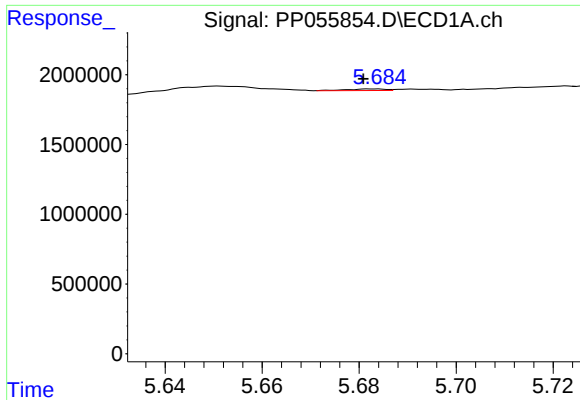
#18 AR-1242-3

R.T.: 5.593 min
Delta R.T.: 0.012 min
Response: 1256876
Conc: 28.17 ng/ml



#18 AR-1242-3

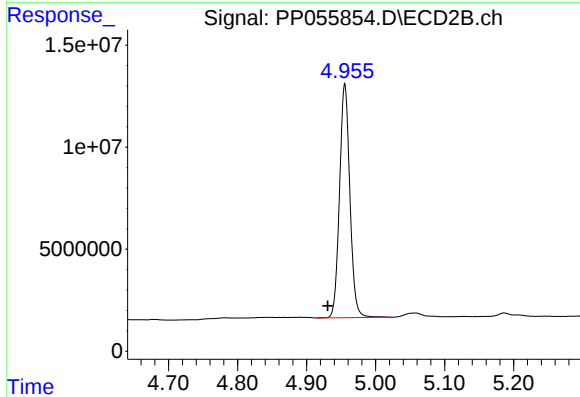
R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 551895
Conc: 19.49 ng/ml



#19 AR-1242-4

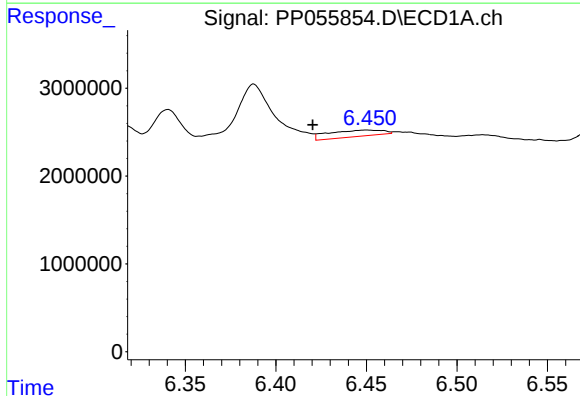
R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 63301
Conc: 1.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



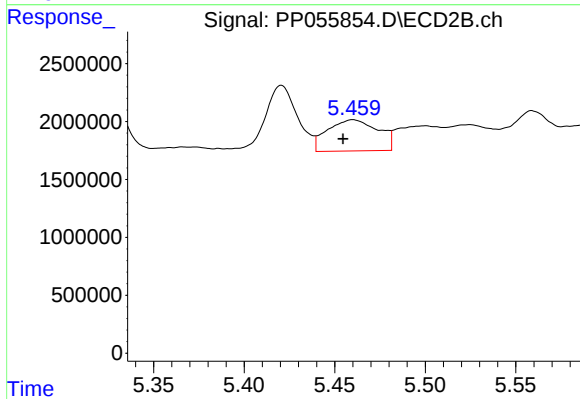
#19 AR-1242-4

R.T.: 4.955 min
Delta R.T.: 0.025 min
Response: 119200224
Conc: 3863.51 ng/ml



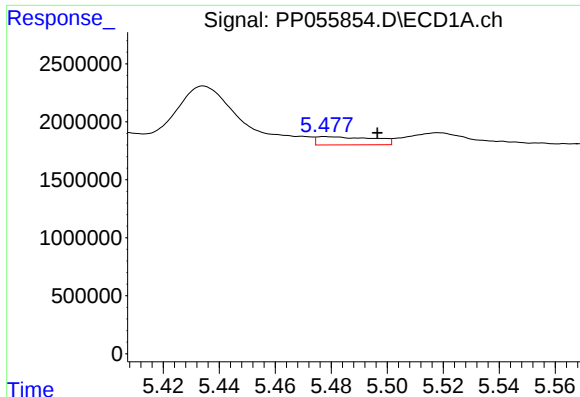
#20 AR-1242-5

R.T.: 6.450 min
Delta R.T.: 0.030 min
Response: 1513829
Conc: 36.14 ng/ml



#20 AR-1242-5

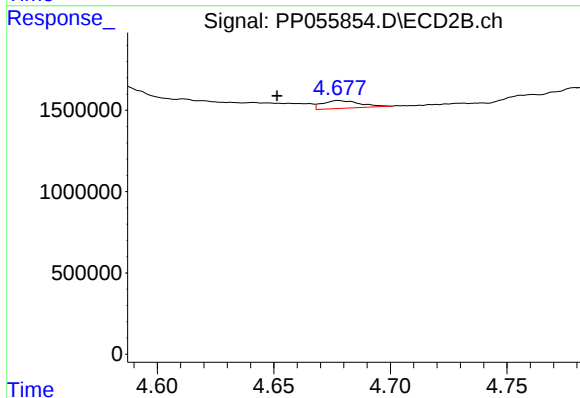
R.T.: 5.460 min
Delta R.T.: 0.005 min
Response: 5255452
Conc: 157.78 ng/ml



#21 AR-1248-1

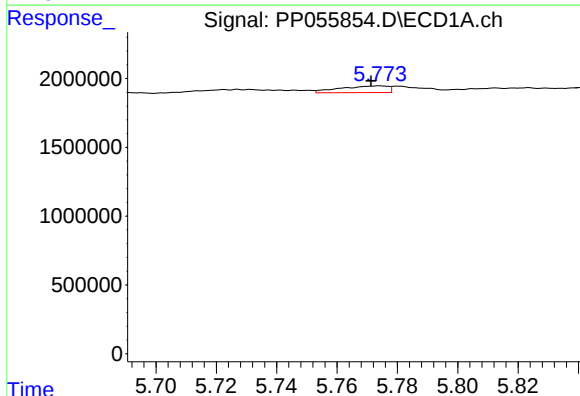
R.T.: 5.478 min
Delta R.T.: -0.019 min
Response: 1007374
Conc: 27.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



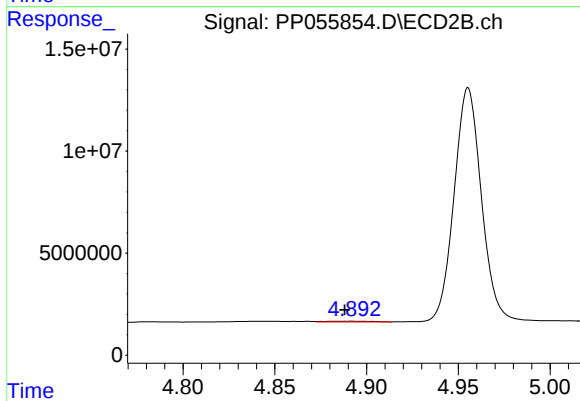
#21 AR-1248-1

R.T.: 4.678 min
Delta R.T.: 0.026 min
Response: 529832
Conc: 18.97 ng/ml



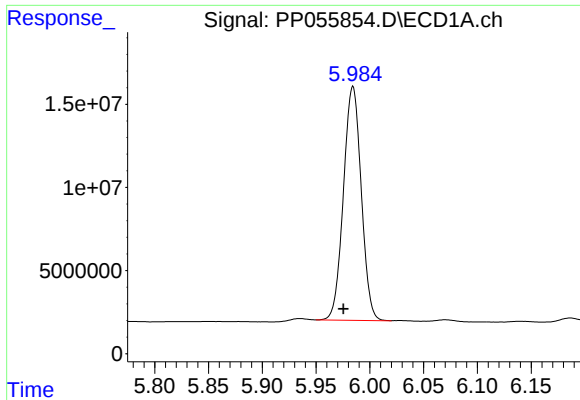
#22 AR-1248-2

R.T.: 5.774 min
Delta R.T.: 0.003 min
Response: 538583
Conc: 9.36 ng/ml



#22 AR-1248-2

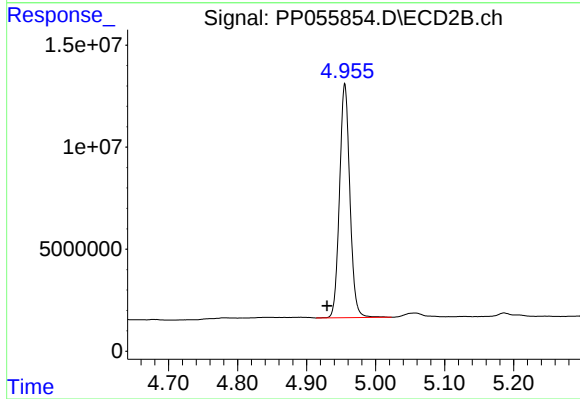
R.T.: 4.892 min
Delta R.T.: 0.003 min
Response: 584131
Conc: 13.73 ng/ml



#23 AR-1248-3

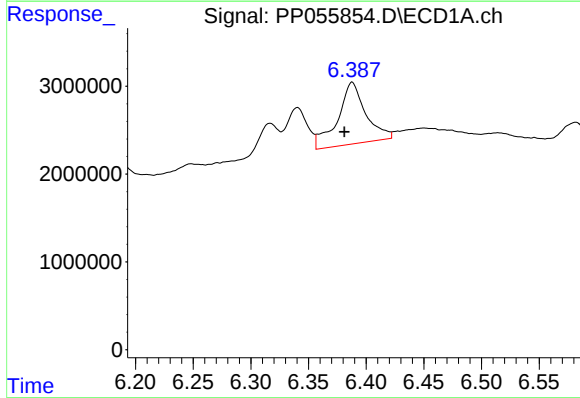
R.T.: 5.984 min
Delta R.T.: 0.009 min
Response: 162050394
Conc: 2493.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



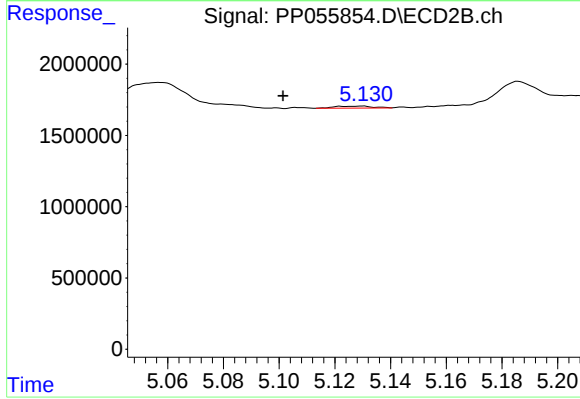
#23 AR-1248-3

R.T.: 4.955 min
Delta R.T.: 0.026 min
Response: 119200224
Conc: 2678.57 ng/ml



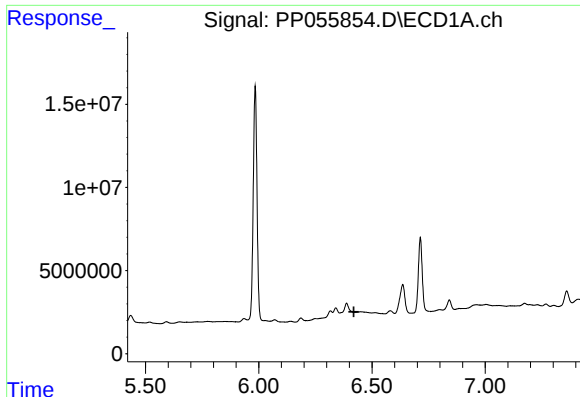
#24 AR-1248-4

R.T.: 6.388 min
Delta R.T.: 0.007 min
Response: 11901836
Conc: 164.04 ng/ml



#24 AR-1248-4

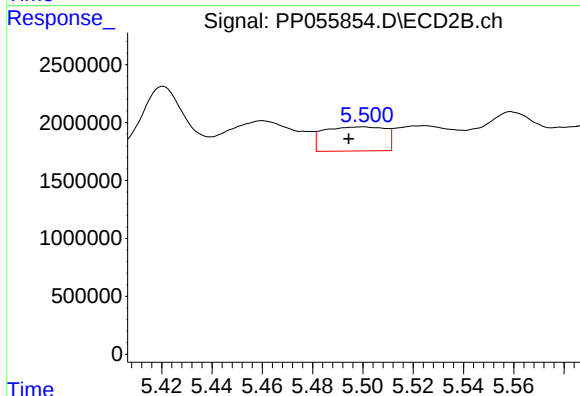
R.T.: 5.130 min
Delta R.T.: 0.028 min
Response: 136537
Conc: 2.67 ng/ml



#25 AR-1248-5

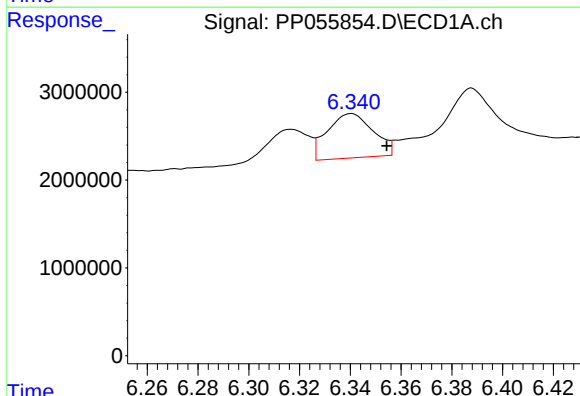
R.T.: 0.000 min
Exp R.T.: 6.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



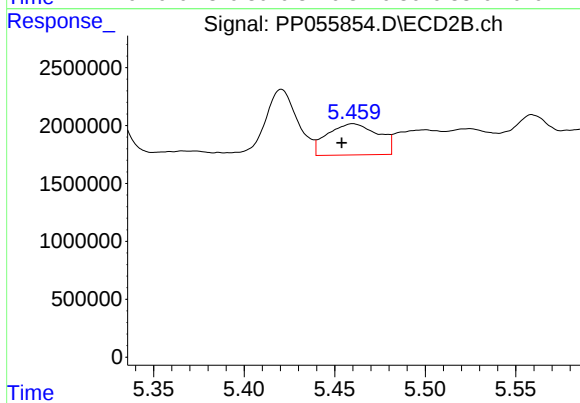
#25 AR-1248-5

R.T.: 5.500 min
Delta R.T.: 0.006 min
Response: 3536086
Conc: 80.23 ng/ml



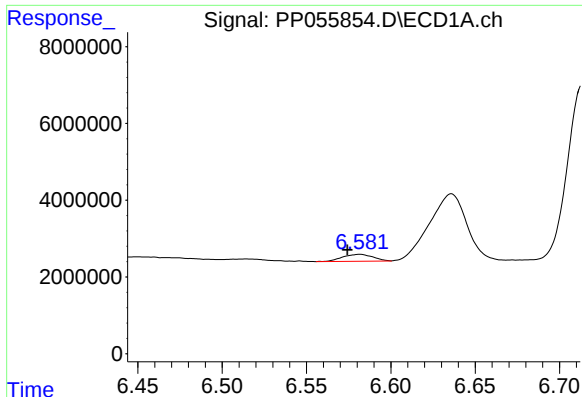
#26 AR-1254-1

R.T.: 6.340 min
Delta R.T.: -0.014 min
Response: 6342013
Conc: 86.26 ng/ml



#26 AR-1254-1

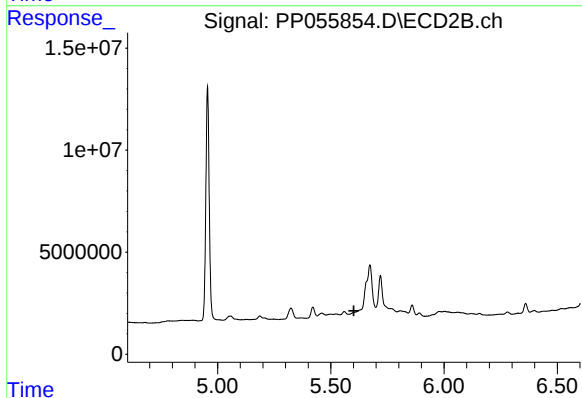
R.T.: 5.460 min
Delta R.T.: 0.006 min
Response: 5255452
Conc: 71.43 ng/ml



#27 AR-1254-2

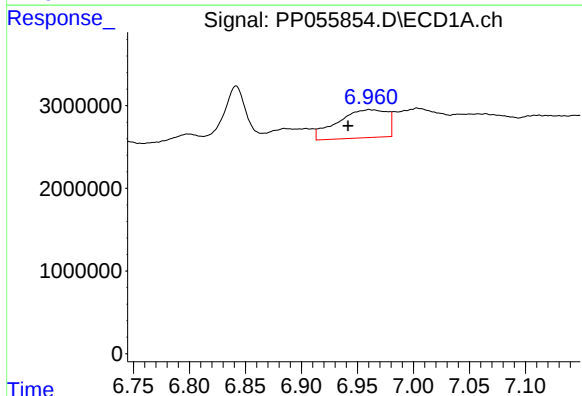
R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 2275538
Conc: 19.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



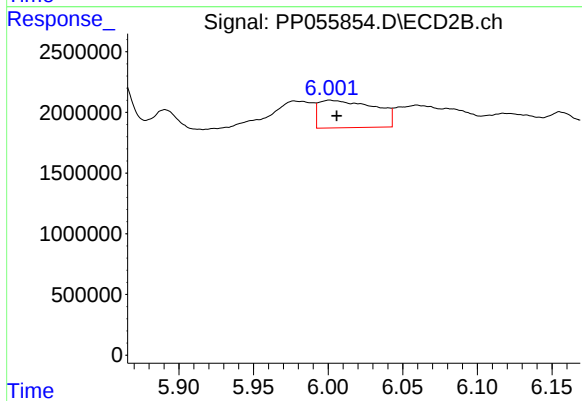
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.602 min
Response: 0
Conc: N.D.



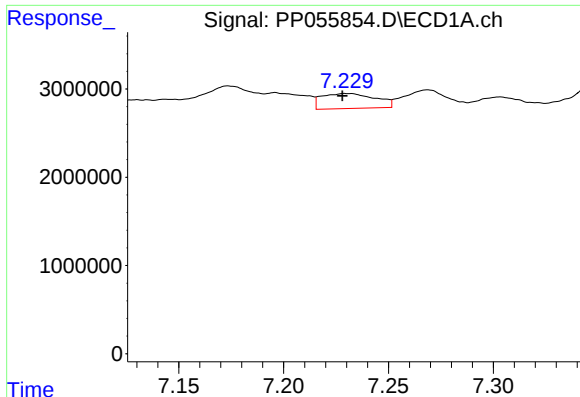
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: 0.019 min
Response: 10490361
Conc: 85.24 ng/ml



#28 AR-1254-3

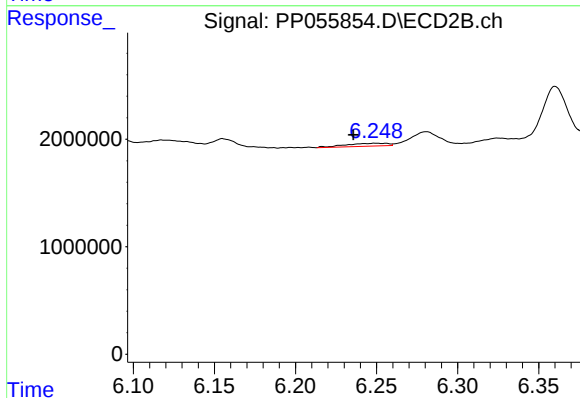
R.T.: 6.001 min
Delta R.T.: -0.005 min
Response: 5929227
Conc: 60.45 ng/ml



#29 AR-1254-4

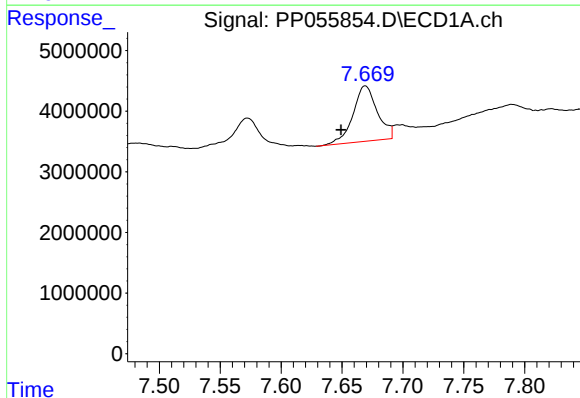
R.T.: 7.229 min
Delta R.T.: 0.001 min
Response: 3027966
Conc: 32.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



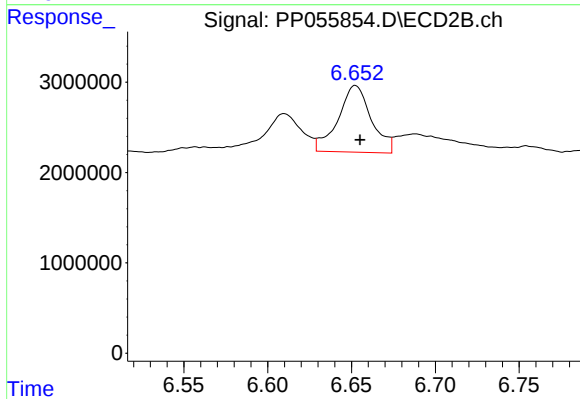
#29 AR-1254-4

R.T.: 6.256 min
Delta R.T.: 0.020 min
Response: 502076
Conc: 9.12 ng/ml



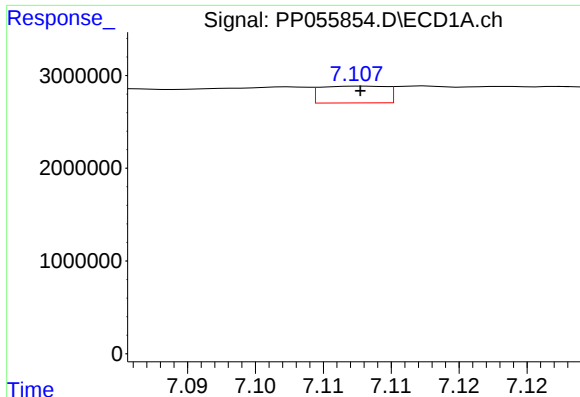
#30 AR-1254-5

R.T.: 7.669 min
Delta R.T.: 0.020 min
Response: 12671148
Conc: 120.56 ng/ml



#30 AR-1254-5

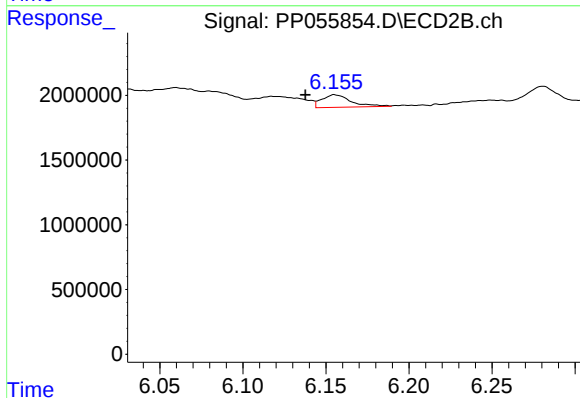
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 10215210
Conc: 125.73 ng/ml



#31 AR-1260-1

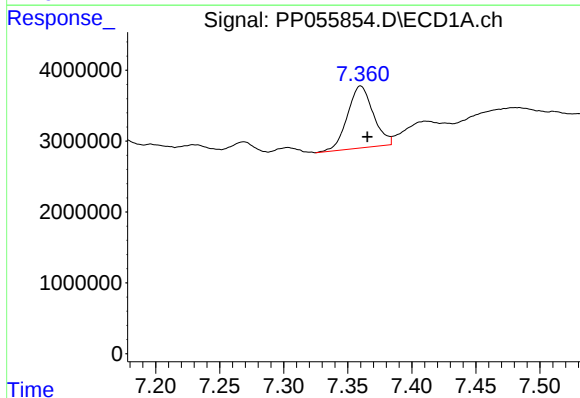
R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 611244
Conc: 5.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



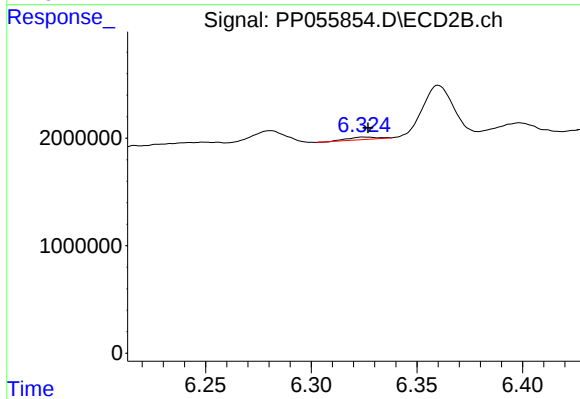
#31 AR-1260-1

R.T.: 6.155 min
Delta R.T.: 0.018 min
Response: 1197303
Conc: 16.42 ng/ml



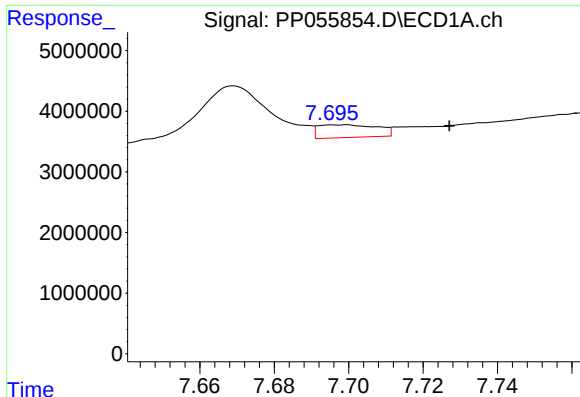
#32 AR-1260-2

R.T.: 7.360 min
Delta R.T.: -0.005 min
Response: 12217203
Conc: 97.14 ng/ml



#32 AR-1260-2

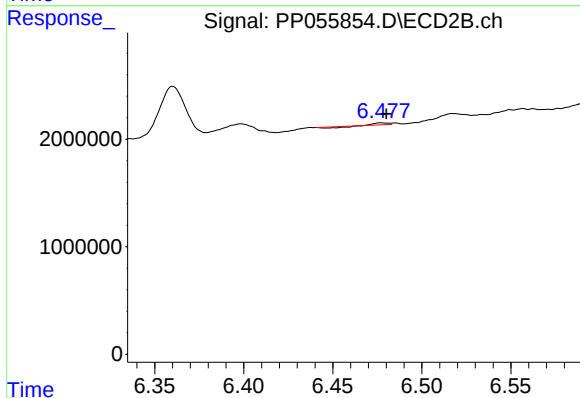
R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 217816
Conc: 2.67 ng/ml



#33 AR-1260-3

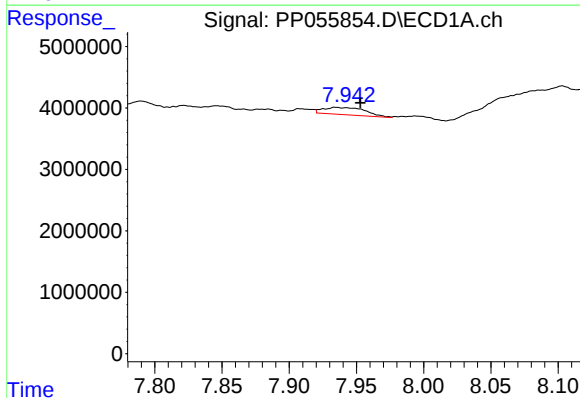
R.T.: 7.699 min
Delta R.T.: -0.028 min
Response: 2316977
Conc: 26.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



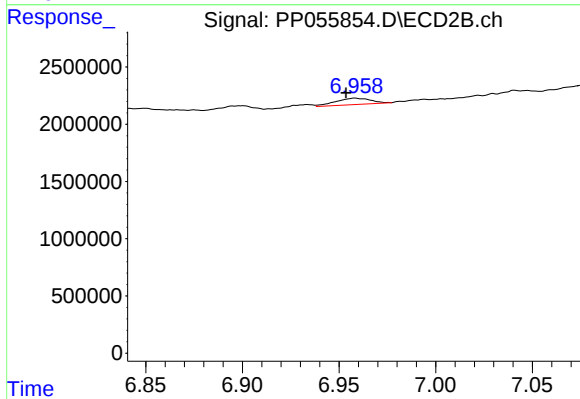
#33 AR-1260-3

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 18065
Conc: 0.21 ng/ml



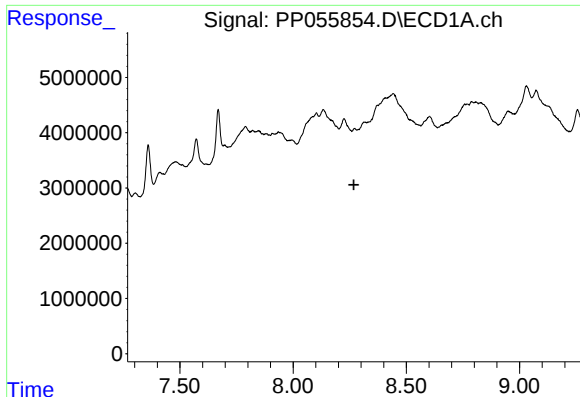
#34 AR-1260-4

R.T.: 7.935 min
Delta R.T.: -0.018 min
Response: 2570771
Conc: 23.92 ng/ml



#34 AR-1260-4

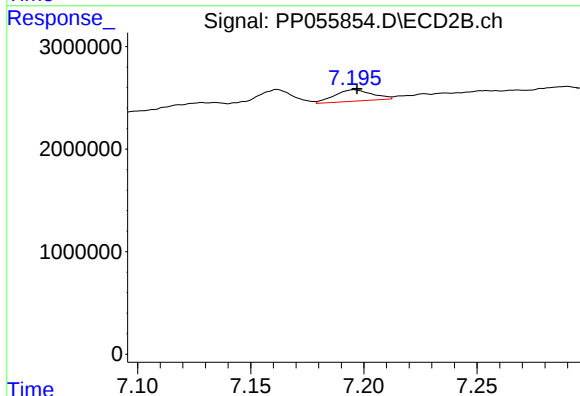
R.T.: 6.958 min
Delta R.T.: 0.005 min
Response: 697462
Conc: 10.90 ng/ml



#35 AR-1260-5

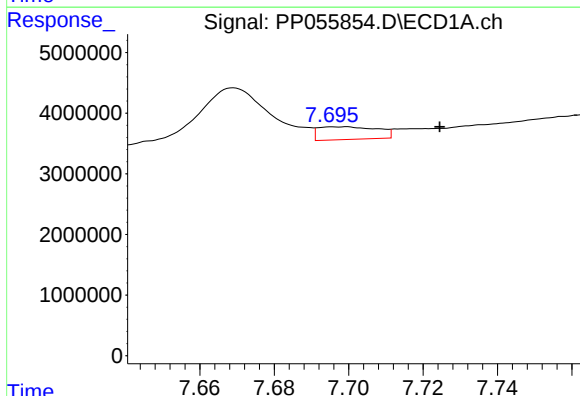
R.T.: 8.272 min
Delta R.T.: 0.003 min
Response: -105302
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



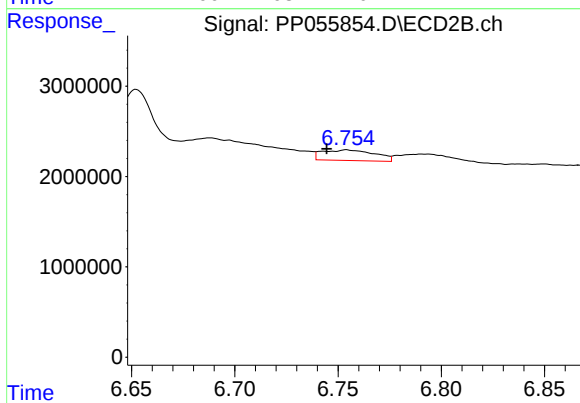
#35 AR-1260-5

R.T.: 7.196 min
Delta R.T.: -0.001 min
Response: 1281994
Conc: 9.47 ng/ml



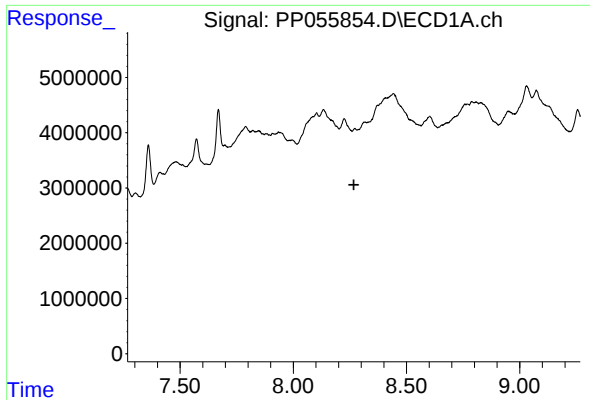
#36 AR-1262-1

R.T.: 7.699 min
Delta R.T.: -0.026 min
Response: 2316977
Conc: 19.64 ng/ml



#36 AR-1262-1

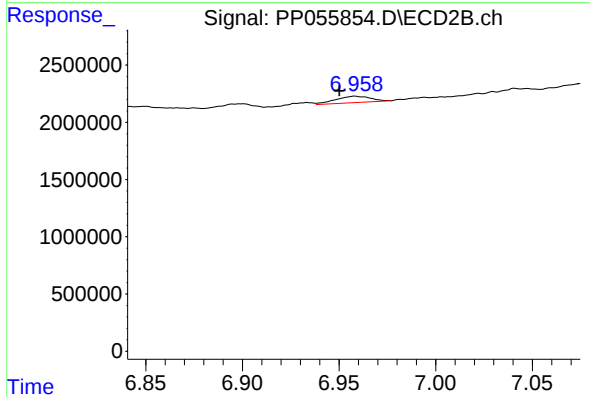
R.T.: 6.754 min
Delta R.T.: 0.010 min
Response: 2080427
Conc: 59.02 ng/ml



#37 AR-1262-2

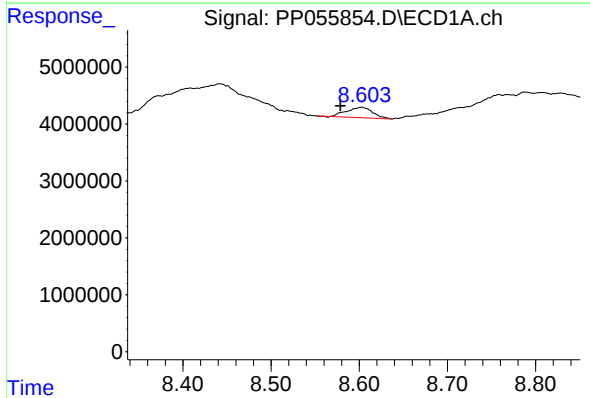
R.T.: 8.272 min
Delta R.T.: 0.004 min
Response: -105302
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



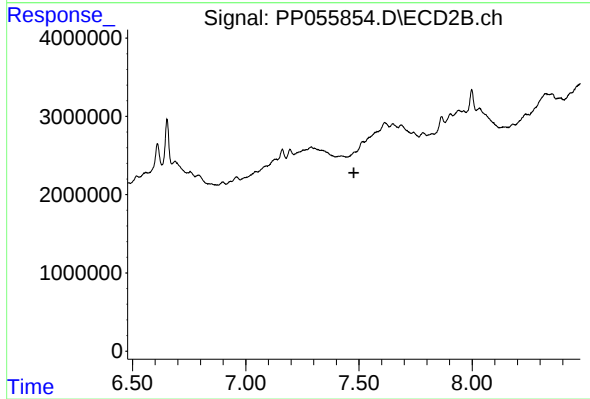
#37 AR-1262-2

R.T.: 6.958 min
Delta R.T.: 0.008 min
Response: 697462
Conc: 9.39 ng/ml



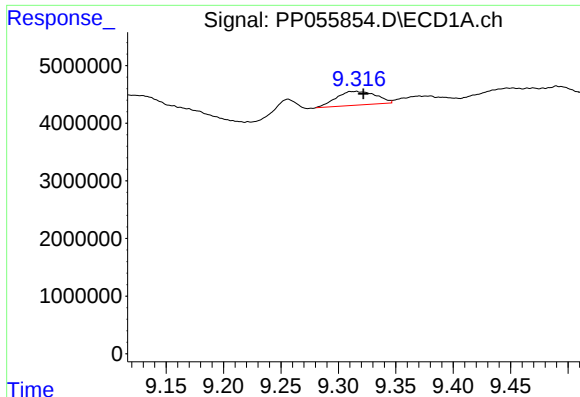
#38 AR-1262-3

R.T.: 8.603 min
Delta R.T.: 0.024 min
Response: 3775474
Conc: 24.70 ng/ml



#38 AR-1262-3

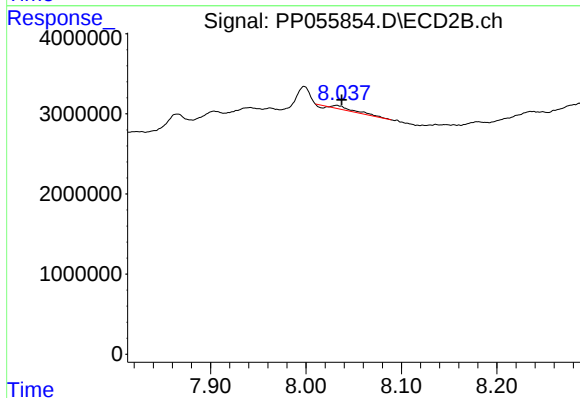
R.T.: 0.000 min
Exp R.T.: 7.478 min
Response: 0
Conc: N.D.



#40 AR-1262-5

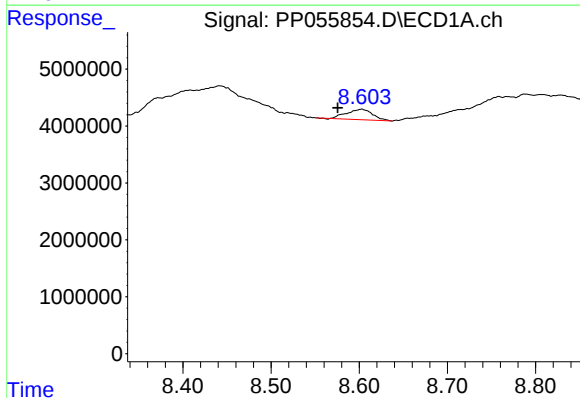
R.T.: 9.315 min
Delta R.T.: -0.006 min
Response: 5742280
Conc: 69.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



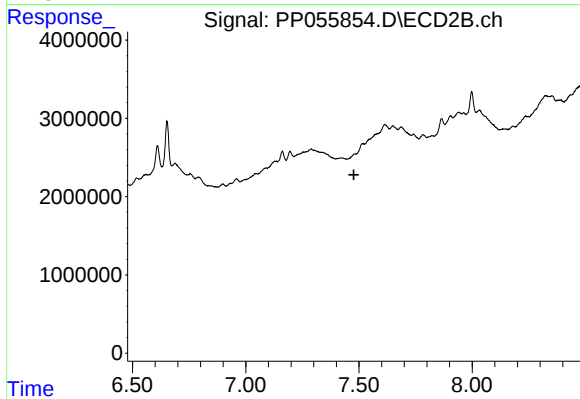
#40 AR-1262-5

R.T.: 8.032 min
Delta R.T.: -0.005 min
Response: 385966
Conc: 8.49 ng/ml



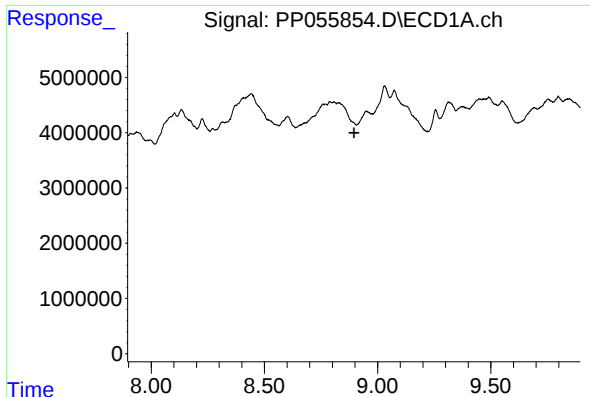
#41 AR-1268-1

R.T.: 8.603 min
Delta R.T.: 0.027 min
Response: 3775474
Conc: 13.23 ng/ml



#41 AR-1268-1

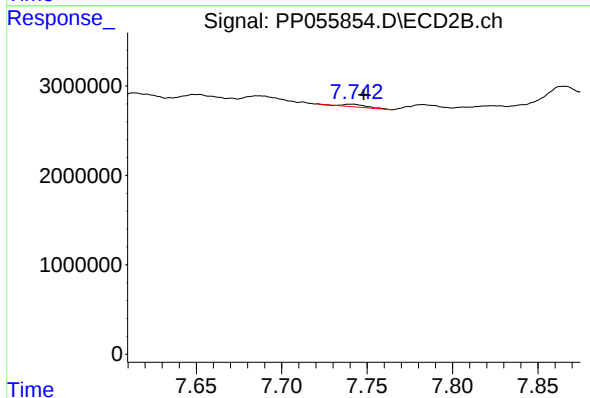
R.T.: 0.000 min
Exp R.T.: 7.478 min
Response: 0
Conc: N.D.



#43 AR-1268-3

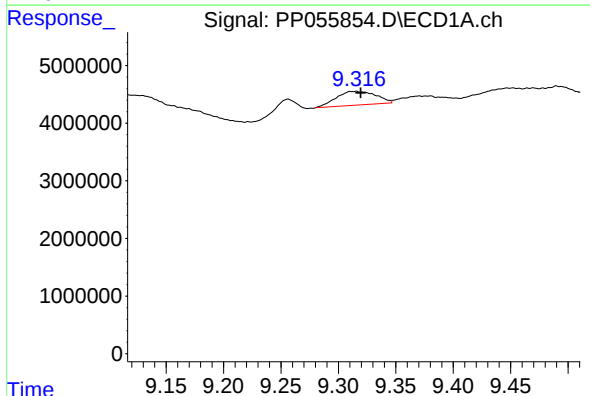
R.T.: 0.000 min
Exp R.T.: 8.896 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



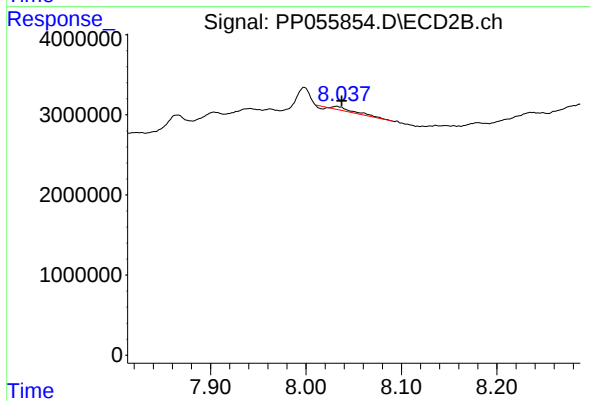
#43 AR-1268-3

R.T.: 7.741 min
Delta R.T.: -0.007 min
Response: 273021
Conc: 1.99 ng/ml



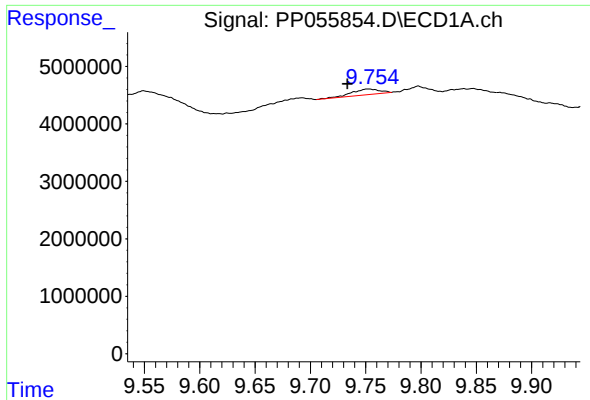
#44 AR-1268-4

R.T.: 9.315 min
Delta R.T.: -0.004 min
Response: 5742280
Conc: 58.16 ng/ml



#44 AR-1268-4

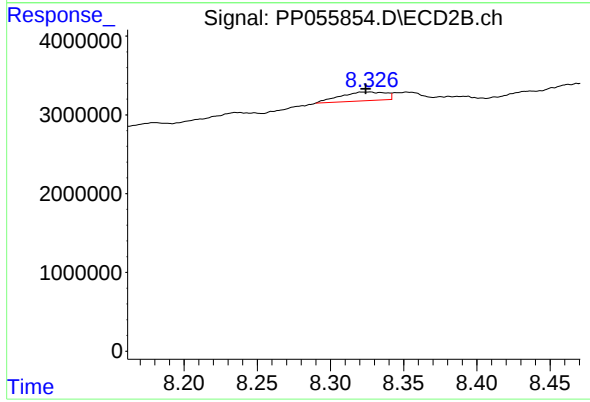
R.T.: 8.032 min
Delta R.T.: -0.005 min
Response: 385966
Conc: 7.02 ng/ml



#45 AR-1268-5

R.T.: 9.752 min
Delta R.T.: 0.019 min
Response: 1736728
Conc: 2.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 2417811
Conc: 5.99 ng/ml