

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
 Data File : PP070254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 09:36
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 11:02:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 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...	4.525	3.828	79212747	49328336	53.973	51.597
2)	SA Decachlor...	10.251	8.881	56375559	54547847	49.494	50.316
Target Compounds							
3)	L1 AR-1016-1	5.678	4.917	1689324	519551	33.904	15.556 #
4)	L1 AR-1016-2	5.700	4.934	1526216	502939	21.563	10.794 #
5)	L1 AR-1016-3	5.765	5.113	862710	272876	19.642	10.901 #
6)	L1 AR-1016-4	5.859	5.154	519237	11446506	14.319	570.310 #
7)	L1 AR-1016-5	6.152	5.369	9081634	6982156	270.782	269.098
8)	L2 AR-1221-1	0.000	4.044	0	136093	N.D.	10.140 #
9)	L2 AR-1221-2	4.826	4.130	1235649	958220	84.682	94.256
10)	L2 AR-1221-3	4.887	4.200	404983	196341	9.384	6.467 #
11)	L3 AR-1232-1	4.887	4.200	404983	196341	12.316	8.633 #
12)	L3 AR-1232-2	0.000	4.934	0	502939	N.D.	22.027 #
13)	L3 AR-1232-3	5.700	5.113	1526216	272876	43.772	22.694 #
14)	L3 AR-1232-4	5.859	5.196	519237	3462383	29.171	318.664 #
15)	L3 AR-1232-5	5.949	5.369	14812846	6982156	1174.953	617.594 #
16)	L4 AR-1242-1	5.700	4.934	1526216	502939	35.949	18.860 #
17)	L4 AR-1242-2	5.700	4.934	1526216	502939	26.523	13.519 #
18)	L4 AR-1242-3	5.765	5.113	862710	272876	22.748	13.862 #
19)	L4 AR-1242-4	5.859	5.196	519237	3462383	17.415	176.159 #
20)	L4 AR-1242-5	6.593	5.724	9841744	27320387	279.315	1098.459 #
21)	L5 AR-1248-1	5.678	4.934	1689324	502939	51.645	23.758 #
22)	L5 AR-1248-2	5.949	5.154	14812846	11446506	351.413	405.151
23)	L5 AR-1248-3	6.152	5.196	9081634	3462383	201.045	116.361 #
24)	L5 AR-1248-4	6.550	5.369	13272933	6982156	225.105	198.665
25)	L5 AR-1248-5	6.593	5.764	9841744	3464010	172.100	95.775 #
26)	L6 AR-1254-1	6.528	5.724	29723090	27320387	524.214	500.654
27)	L6 AR-1254-2	6.744	5.871	42863067	23896301	488.827	490.225
28)	L6 AR-1254-3	7.107	6.276	43082418	37831973	483.386	498.993
29)	L6 AR-1254-4	7.389	6.535	35715893	4950551	479.336	96.202 #
30)	L6 AR-1254-5	7.806	6.924	34656584	34010374	516.013	503.341
31)	L7 AR-1260-1	7.272	6.407	17297044	19377293	296.385	391.150 #
32)	L7 AR-1260-2	7.524	6.595	21380139	17136135	261.610	261.940
33)	L7 AR-1260-3	7.868	6.748	4175166	15621504	66.525	258.968 #
34)	L7 AR-1260-4	8.092	7.221	13125521	2176252	207.024	44.534 #
35)	L7 AR-1260-5	8.428	7.461	4991819	4842522	38.052	40.634
36)	L8 AR-1262-1	8.092	6.993	13125521	2946234	162.587	35.295 #
37)	L8 AR-1262-2	8.428	7.221	4991819	2176252	30.988	32.829
38)	L8 AR-1262-3	8.756	7.746	3664888	477032	33.133	7.874 #
39)	L8 AR-1262-4	8.805	7.807	548102	4344605	6.532	41.191 #
40)	L8 AR-1262-5	0.000	8.310	0	230749	N.D.	4.443 #
41)	L9 AR-1268-1	8.756	7.746	3664888	477032	19.079	2.878 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 09:36
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

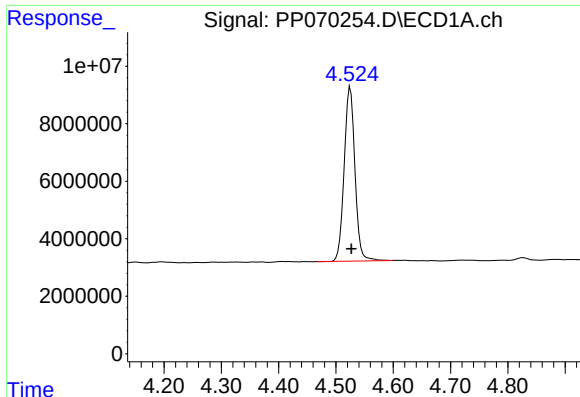
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 11:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
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	8.805	7.807	548102	4344605	3.310	29.954 #
43) L9	AR-1268-3	0.000	8.014	0	354552	N.D.	2.895 #
44) L9	AR-1268-4	0.000	8.310	0	230749	N.D.	4.339 #
45) L9	AR-1268-5	0.000	8.614	0	369389	N.D.	1.040 #

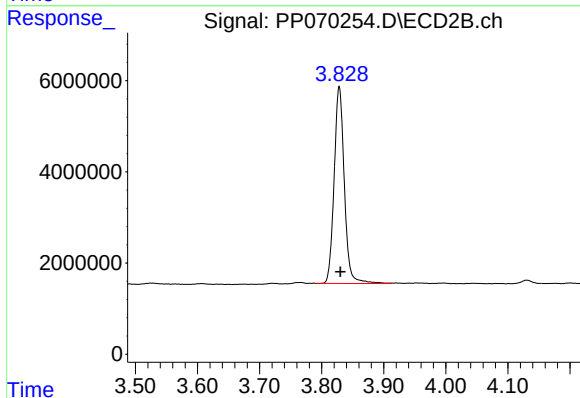
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

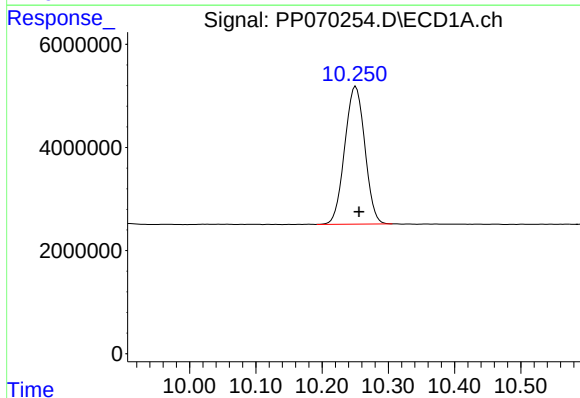
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 79212747
Conc: 53.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



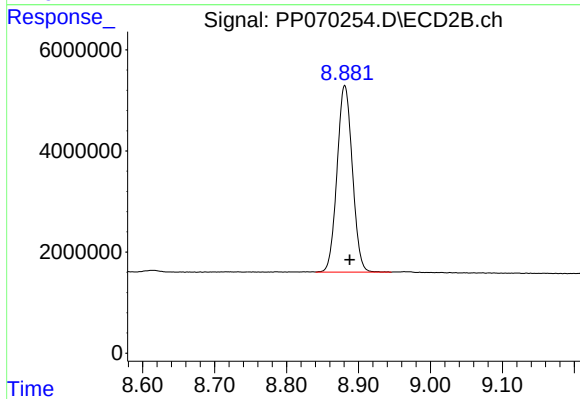
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 49328336
Conc: 51.60 ng/ml



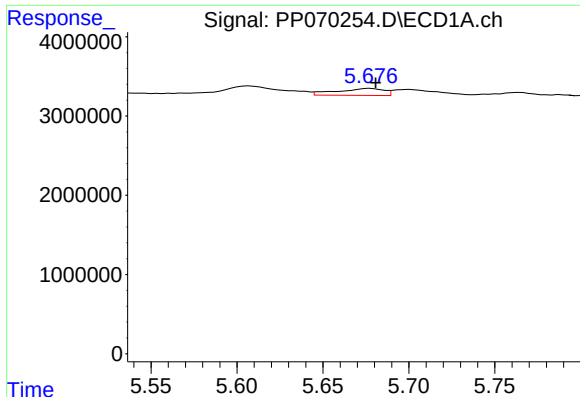
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.005 min
Response: 56375559
Conc: 49.49 ng/ml



#2 Decachlorobiphenyl

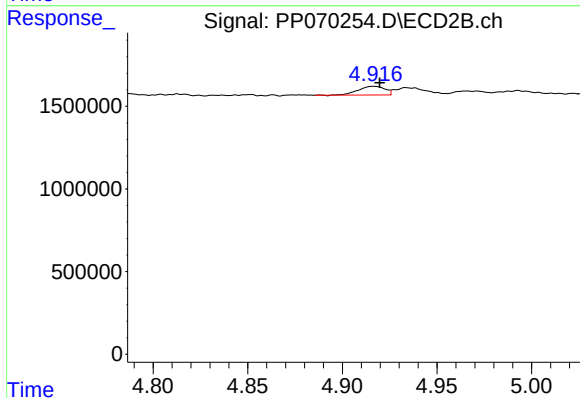
R.T.: 8.881 min
Delta R.T.: -0.007 min
Response: 54547847
Conc: 50.32 ng/ml



#3 AR-1016-1

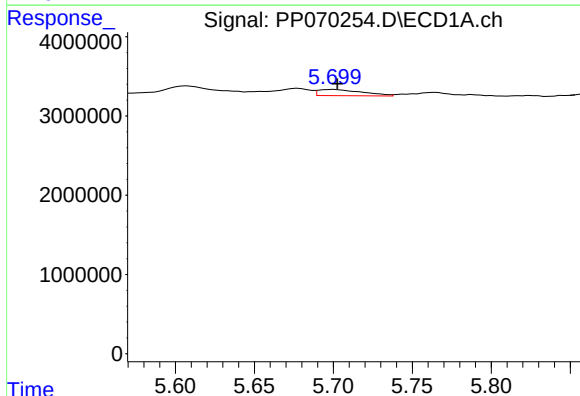
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 1689324
Conc: 33.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



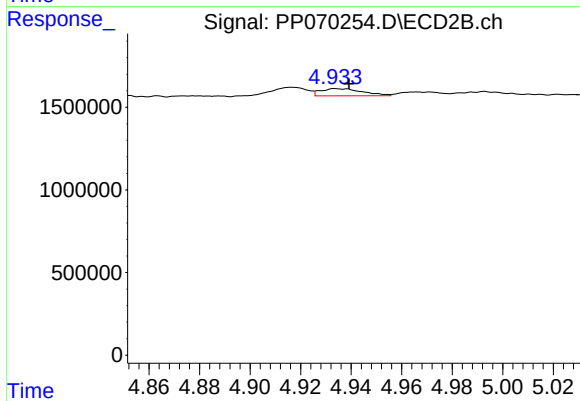
#3 AR-1016-1

R.T.: 4.917 min
Delta R.T.: -0.003 min
Response: 519551
Conc: 15.56 ng/ml



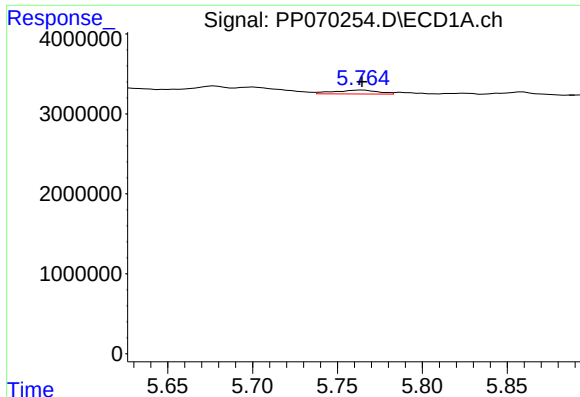
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 1526216
Conc: 21.56 ng/ml



#4 AR-1016-2

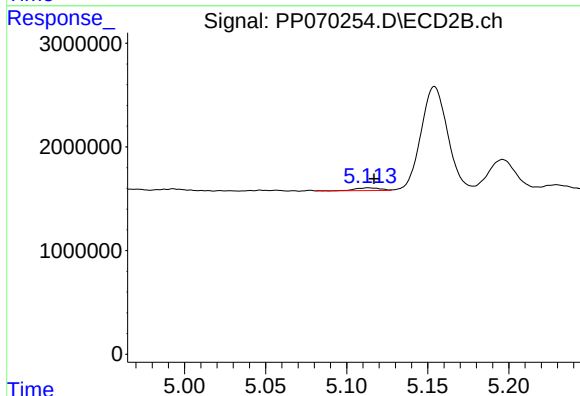
R.T.: 4.934 min
Delta R.T.: -0.005 min
Response: 502939
Conc: 10.79 ng/ml



#5 AR-1016-3

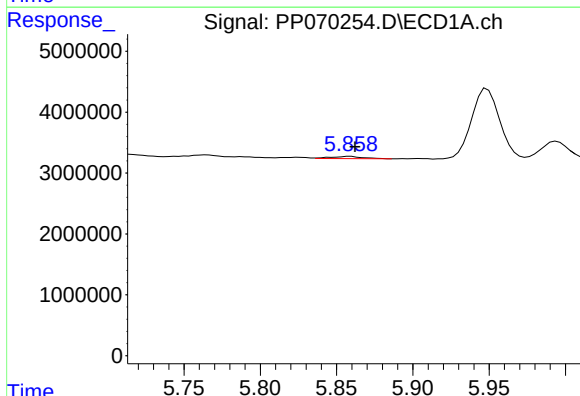
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 862710
Conc: 19.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



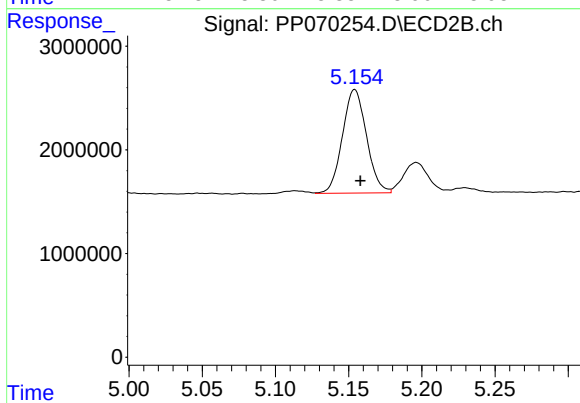
#5 AR-1016-3

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 272876
Conc: 10.90 ng/ml



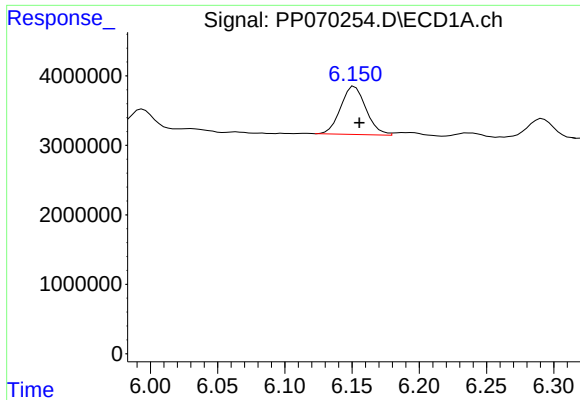
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 519237
Conc: 14.32 ng/ml



#6 AR-1016-4

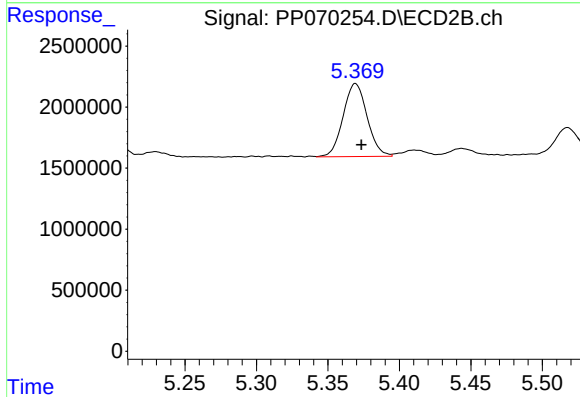
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 11446506
Conc: 570.31 ng/ml



#7 AR-1016-5

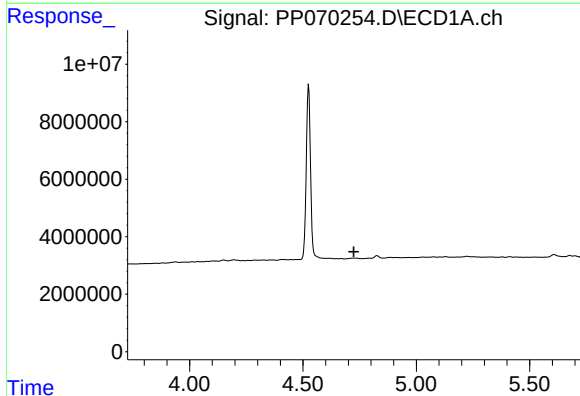
R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 9081634
Conc: 270.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



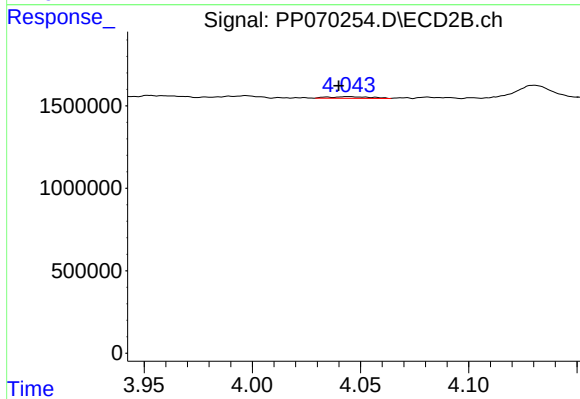
#7 AR-1016-5

R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 6982156
Conc: 269.10 ng/ml



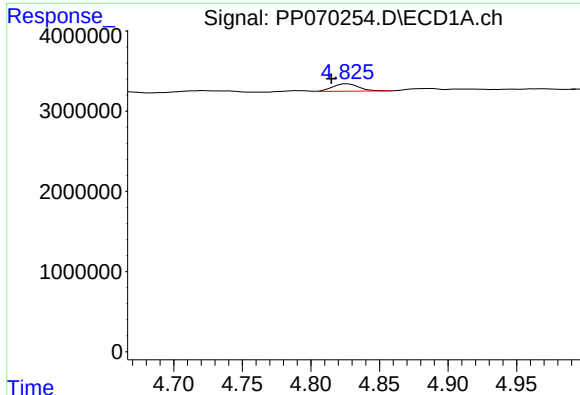
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.725 min
Response: 0
Conc: N.D.



#8 AR-1221-1

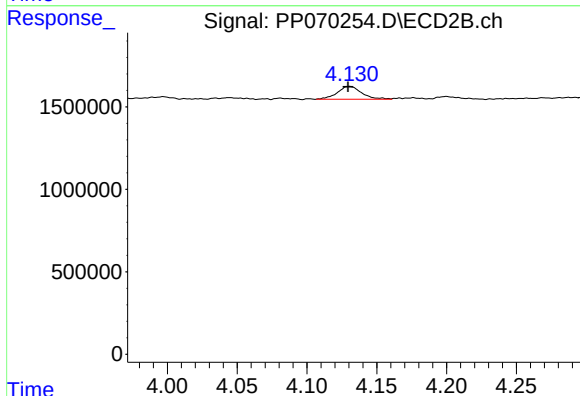
R.T.: 4.044 min
Delta R.T.: 0.004 min
Response: 136093
Conc: 10.14 ng/ml



#9 AR-1221-2

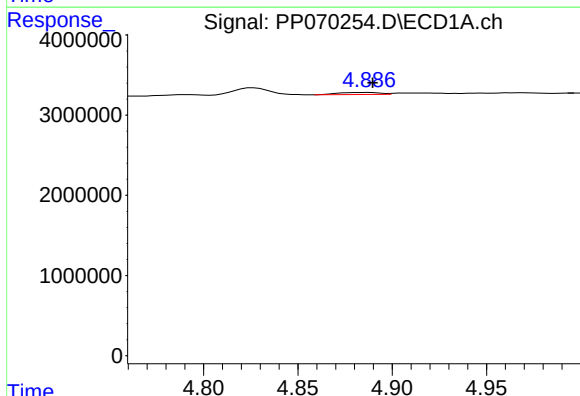
R.T.: 4.826 min
Delta R.T.: 0.011 min
Response: 1235649
Conc: 84.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



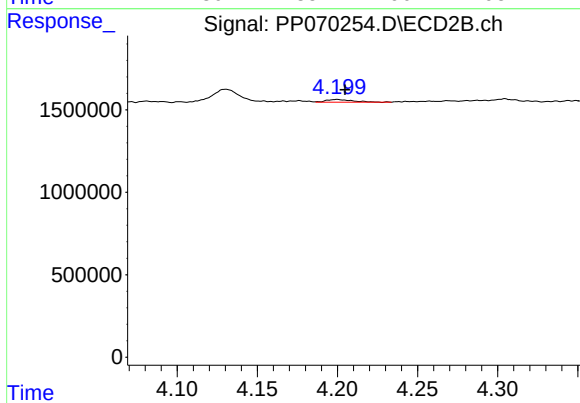
#9 AR-1221-2

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 958220
Conc: 94.26 ng/ml



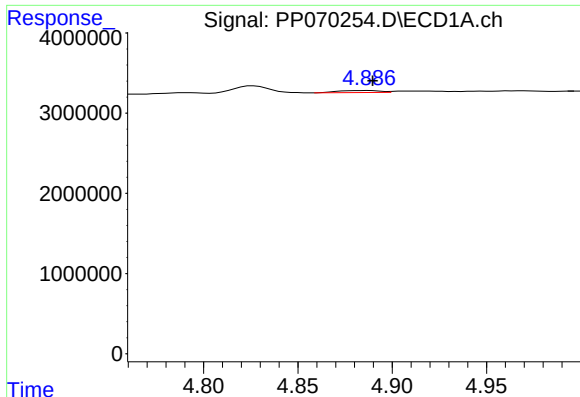
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.002 min
Response: 404983
Conc: 9.38 ng/ml



#10 AR-1221-3

R.T.: 4.200 min
Delta R.T.: -0.005 min
Response: 196341
Conc: 6.47 ng/ml



#11 AR-1232-1

R.T.: 4.887 min
Delta R.T.: -0.002 min
Response: 404983
Conc: 12.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

#11 AR-1232-1

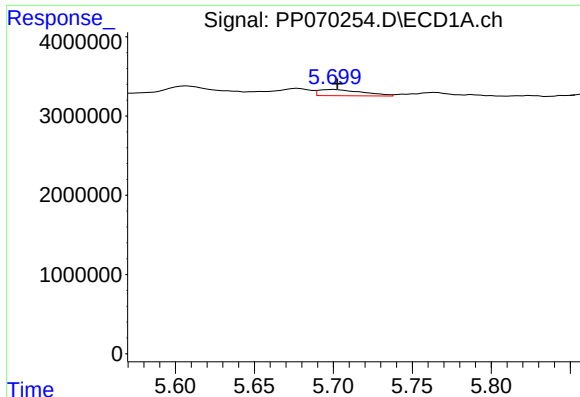
R.T.: 4.200 min
Delta R.T.: -0.005 min
Response: 196341
Conc: 8.63 ng/ml

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.416 min
Response: 0
Conc: N.D.

#12 AR-1232-2

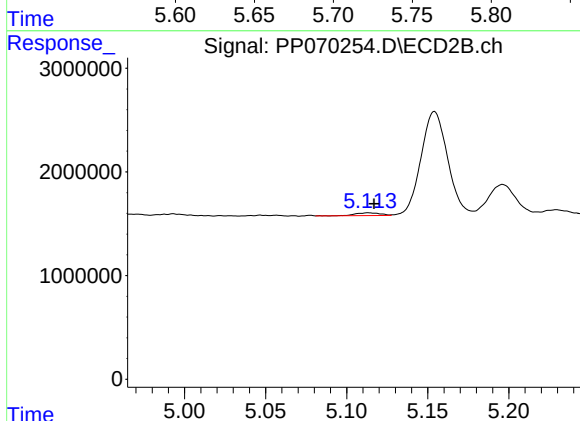
R.T.: 4.934 min
Delta R.T.: -0.005 min
Response: 502939
Conc: 22.03 ng/ml



#13 AR-1232-3

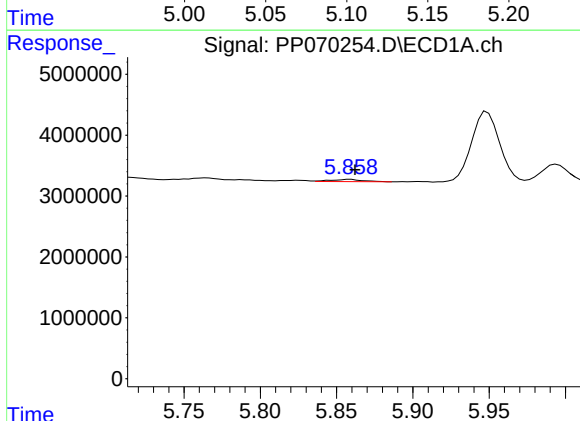
R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 1526216
Conc: 43.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



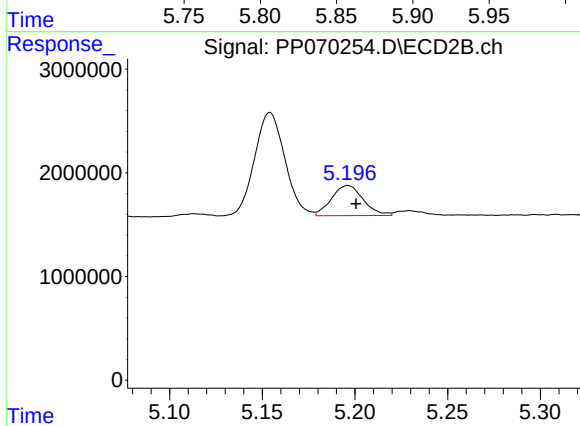
#13 AR-1232-3

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 272876
Conc: 22.69 ng/ml



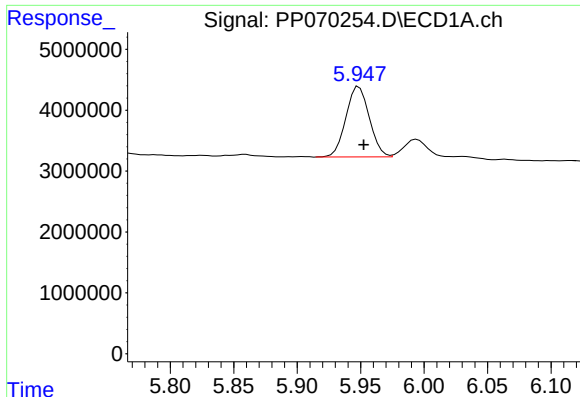
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 519237
Conc: 29.17 ng/ml



#14 AR-1232-4

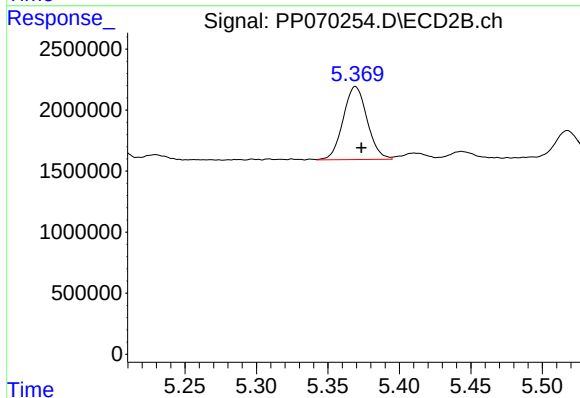
R.T.: 5.196 min
Delta R.T.: -0.004 min
Response: 3462383
Conc: 318.66 ng/ml



#15 AR-1232-5

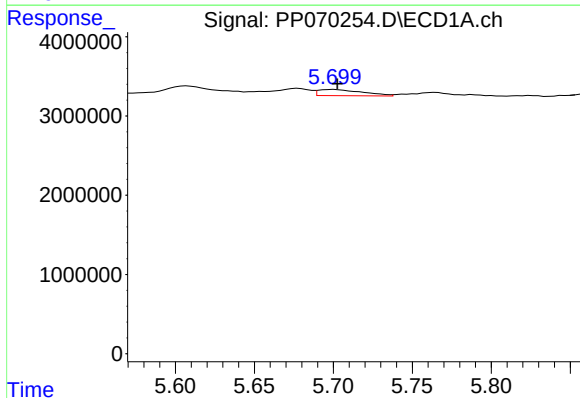
R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 14812846
Conc: 1174.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



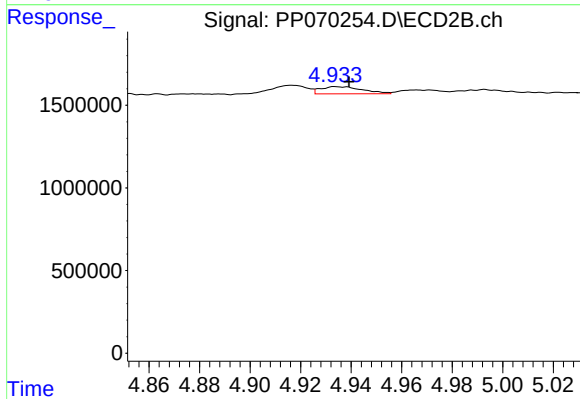
#15 AR-1232-5

R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 6982156
Conc: 617.59 ng/ml



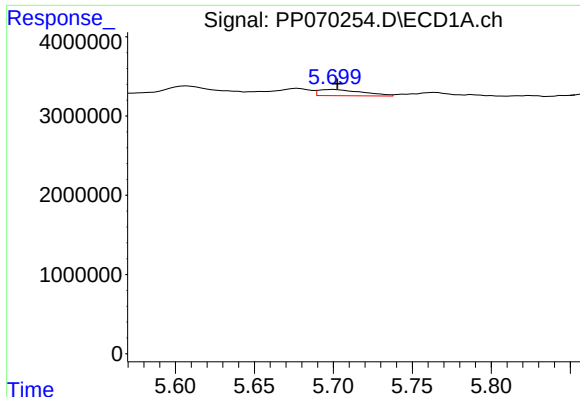
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 1526216
Conc: 35.95 ng/ml



#16 AR-1242-1

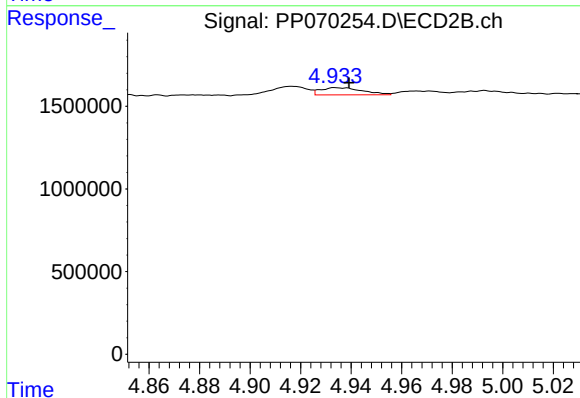
R.T.: 4.934 min
Delta R.T.: -0.005 min
Response: 502939
Conc: 18.86 ng/ml



#17 AR-1242-2

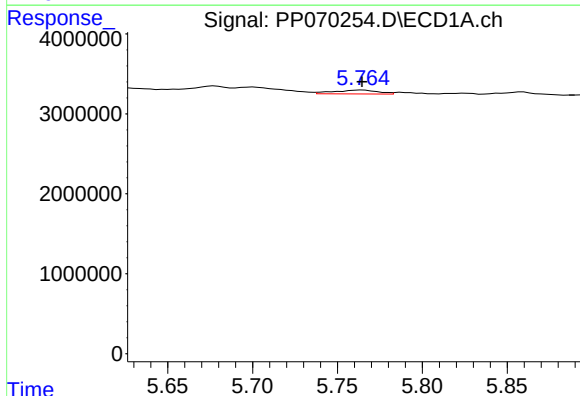
R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 1526216
Conc: 26.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



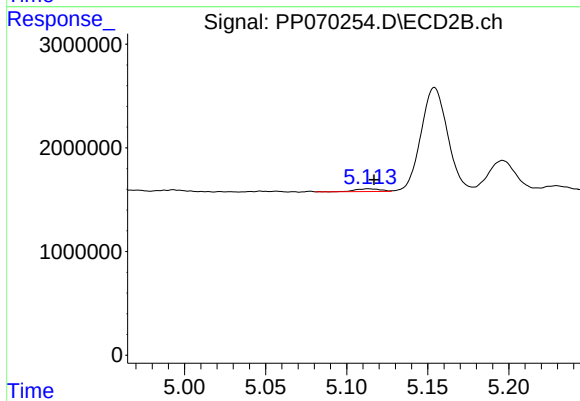
#17 AR-1242-2

R.T.: 4.934 min
Delta R.T.: -0.005 min
Response: 502939
Conc: 13.52 ng/ml



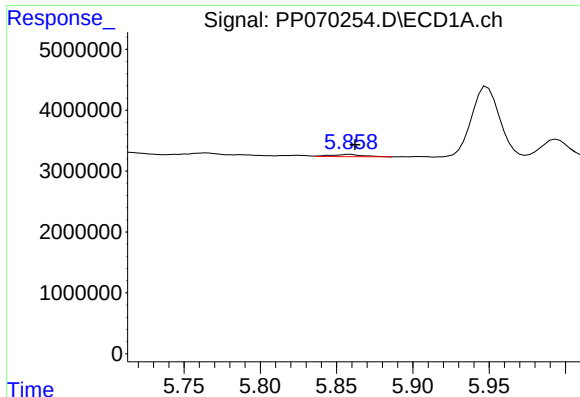
#18 AR-1242-3

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 862710
Conc: 22.75 ng/ml



#18 AR-1242-3

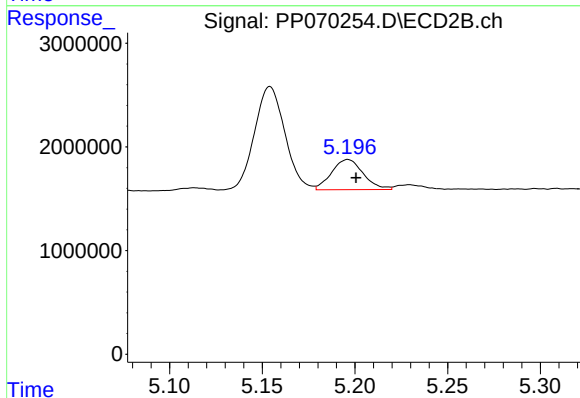
R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 272876
Conc: 13.86 ng/ml



#19 AR-1242-4

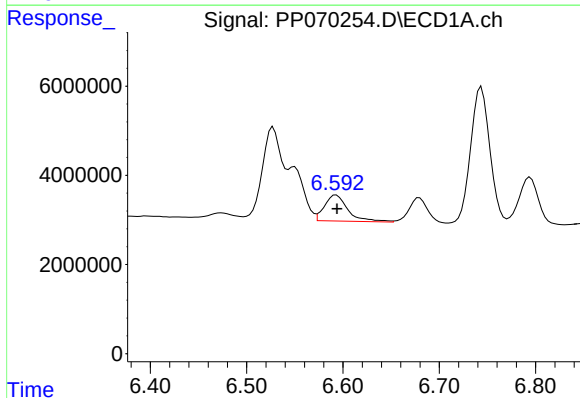
R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 519237
Conc: 17.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



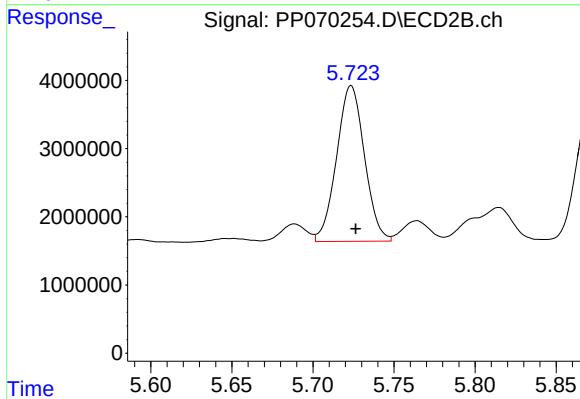
#19 AR-1242-4

R.T.: 5.196 min
Delta R.T.: -0.004 min
Response: 3462383
Conc: 176.16 ng/ml



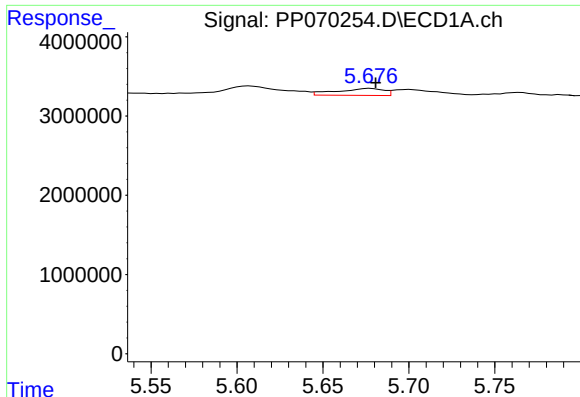
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: -0.001 min
Response: 9841744
Conc: 279.32 ng/ml



#20 AR-1242-5

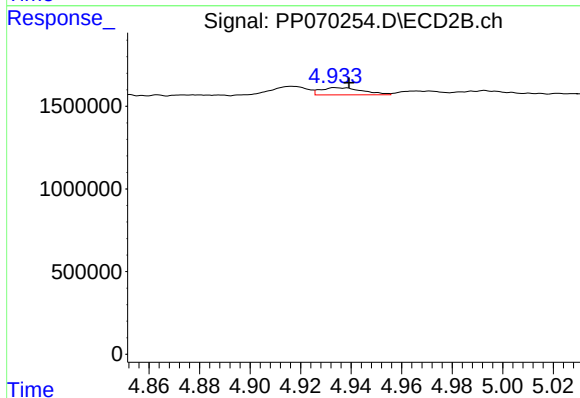
R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 27320387
Conc: 1098.46 ng/ml



#21 AR-1248-1

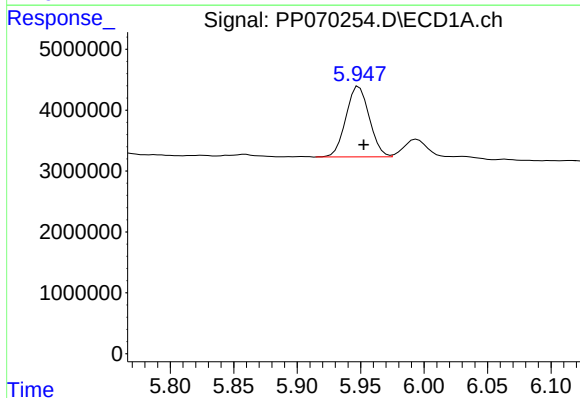
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 1689324
Conc: 51.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



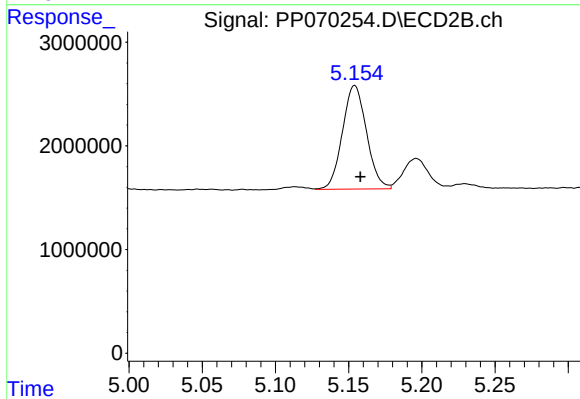
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: -0.005 min
Response: 502939
Conc: 23.76 ng/ml



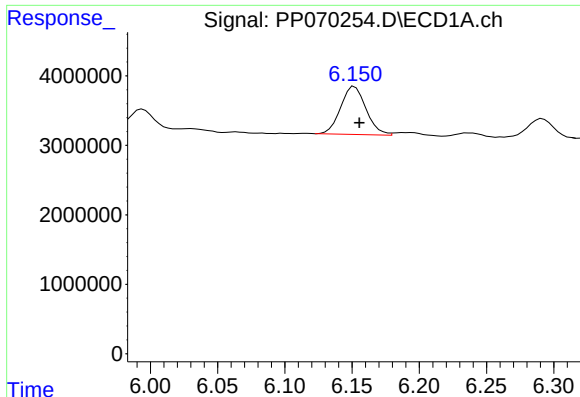
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 14812846
Conc: 351.41 ng/ml



#22 AR-1248-2

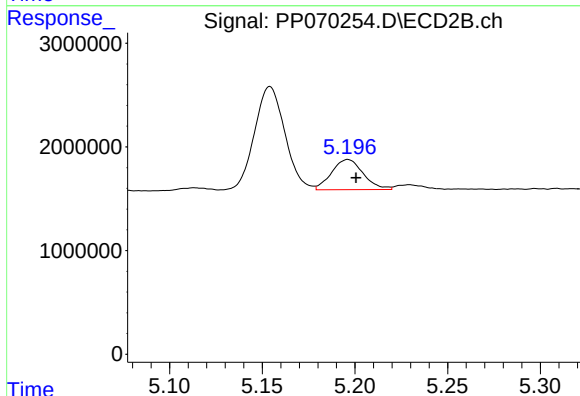
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 11446506
Conc: 405.15 ng/ml



#23 AR-1248-3

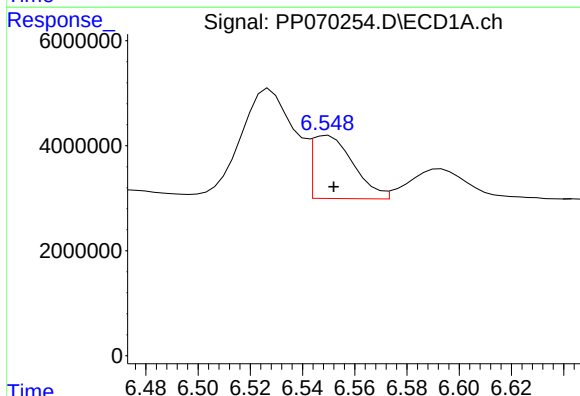
R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 9081634
Conc: 201.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



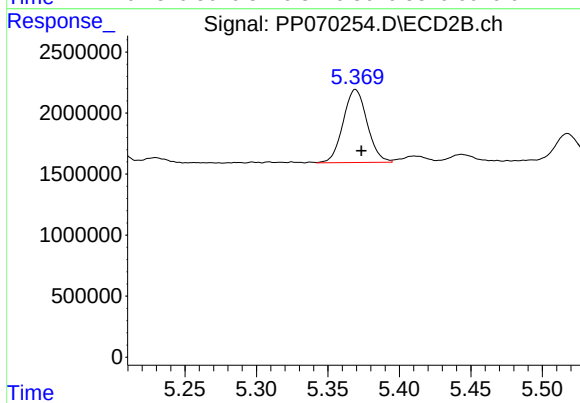
#23 AR-1248-3

R.T.: 5.196 min
Delta R.T.: -0.004 min
Response: 3462383
Conc: 116.36 ng/ml



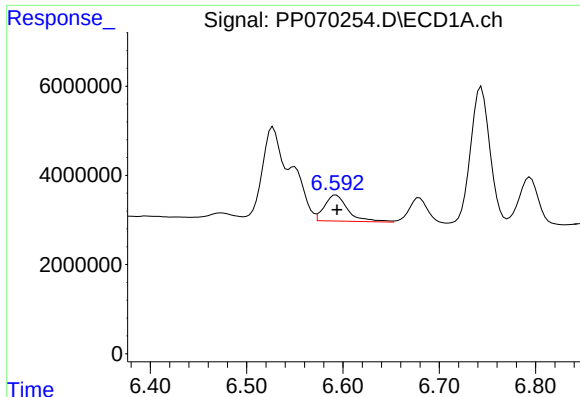
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: -0.002 min
Response: 13272933
Conc: 225.10 ng/ml



#24 AR-1248-4

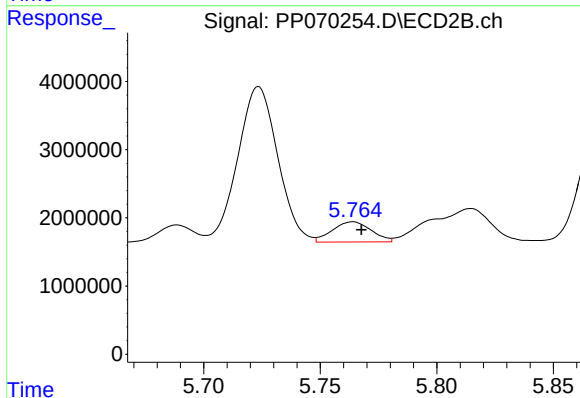
R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 6982156
Conc: 198.66 ng/ml



#25 AR-1248-5

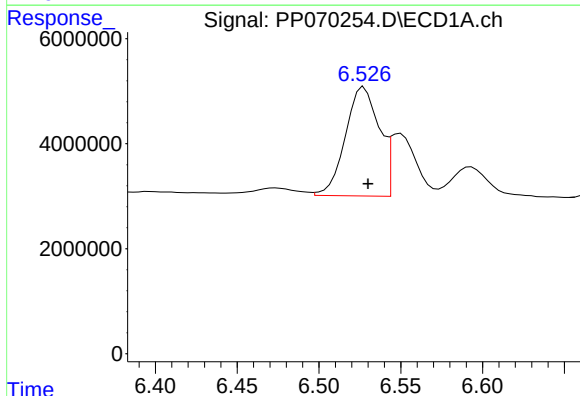
R.T.: 6.593 min
Delta R.T.: -0.001 min
Response: 9841744
Conc: 172.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



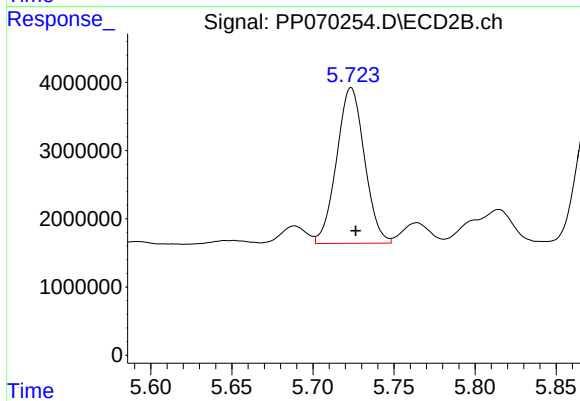
#25 AR-1248-5

R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 3464010
Conc: 95.78 ng/ml



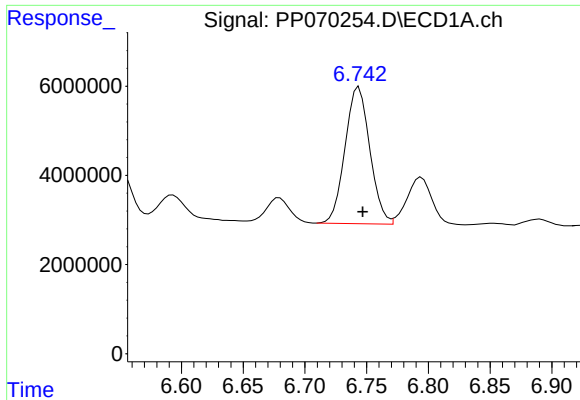
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.003 min
Response: 29723090
Conc: 524.21 ng/ml



#26 AR-1254-1

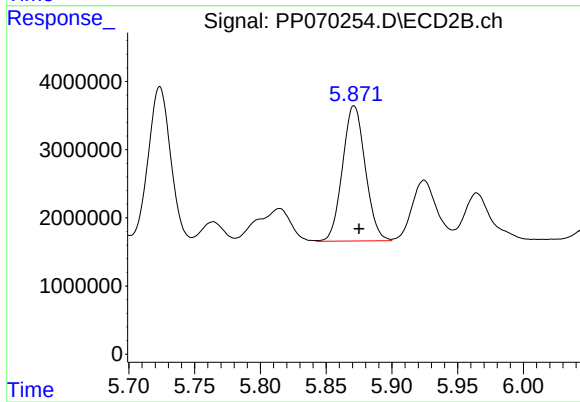
R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 27320387
Conc: 500.65 ng/ml



#27 AR-1254-2

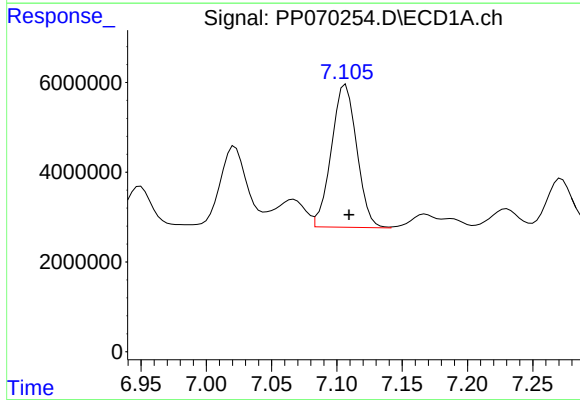
R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 42863067
Conc: 488.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



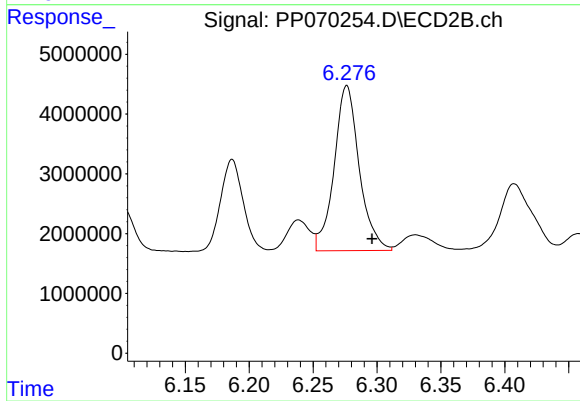
#27 AR-1254-2

R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 23896301
Conc: 490.23 ng/ml



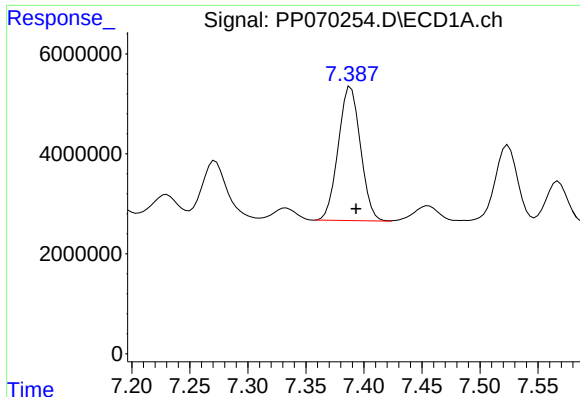
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 43082418
Conc: 483.39 ng/ml



#28 AR-1254-3

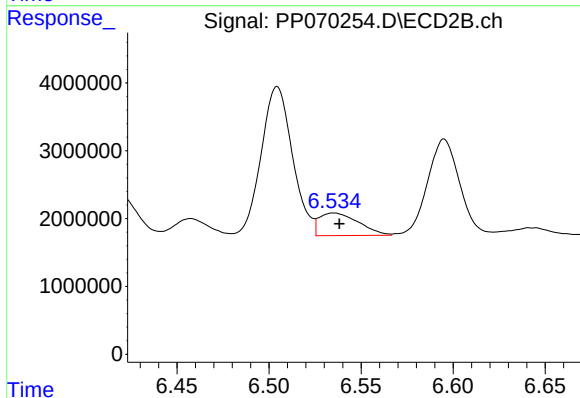
R.T.: 6.276 min
Delta R.T.: -0.020 min
Response: 37831973
Conc: 498.99 ng/ml



#29 AR-1254-4

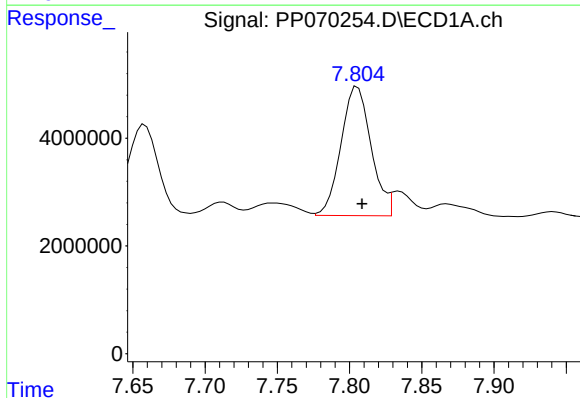
R.T.: 7.389 min
Delta R.T.: -0.004 min
Response: 35715893
Conc: 479.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



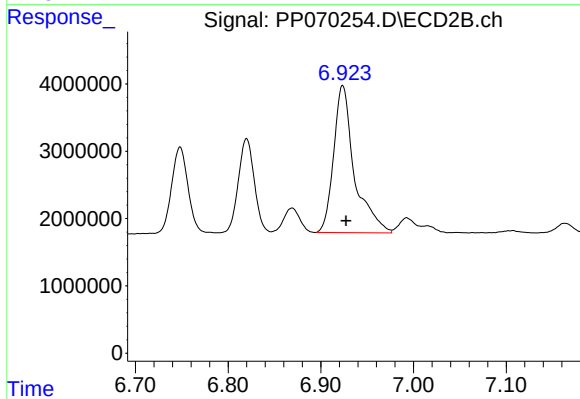
#29 AR-1254-4

R.T.: 6.535 min
Delta R.T.: -0.003 min
Response: 4950551
Conc: 96.20 ng/ml



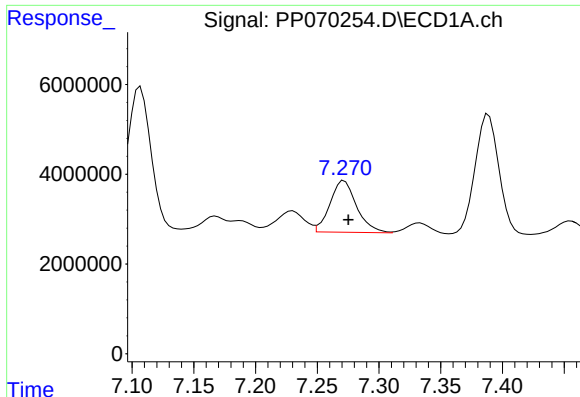
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 34656584
Conc: 516.01 ng/ml



#30 AR-1254-5

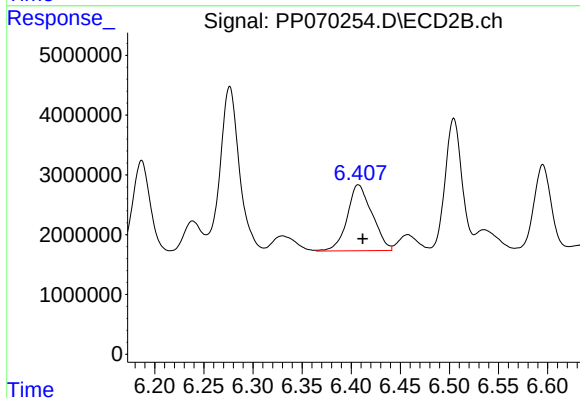
R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 34010374
Conc: 503.34 ng/ml



#31 AR-1260-1

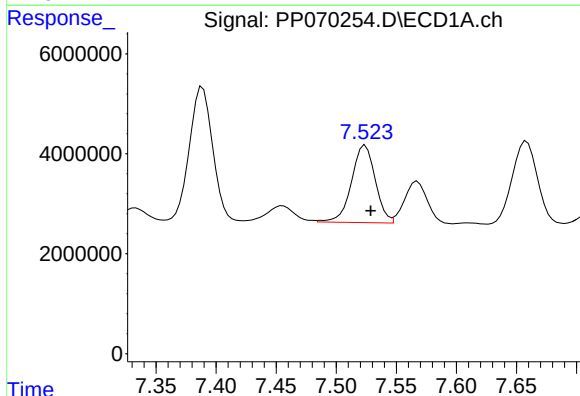
R.T.: 7.272 min
Delta R.T.: -0.003 min
Response: 17297044
Conc: 296.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



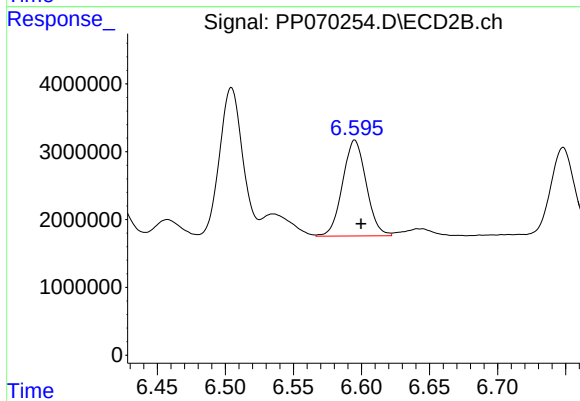
#31 AR-1260-1

R.T.: 6.407 min
Delta R.T.: -0.004 min
Response: 19377293
Conc: 391.15 ng/ml



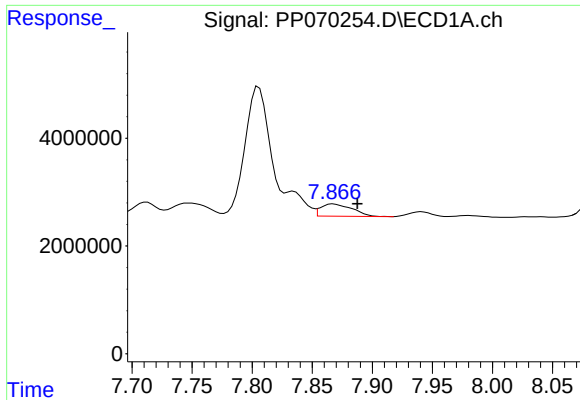
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 21380139
Conc: 261.61 ng/ml



#32 AR-1260-2

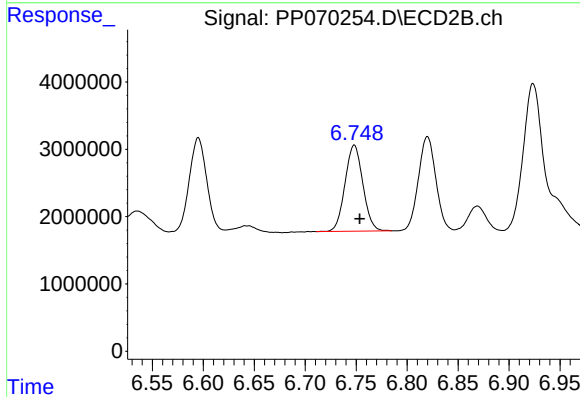
R.T.: 6.595 min
Delta R.T.: -0.005 min
Response: 17136135
Conc: 261.94 ng/ml



#33 AR-1260-3

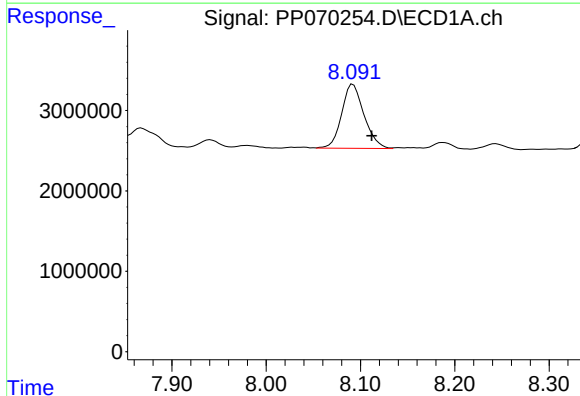
R.T.: 7.868 min
Delta R.T.: -0.020 min
Response: 4175166
Conc: 66.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



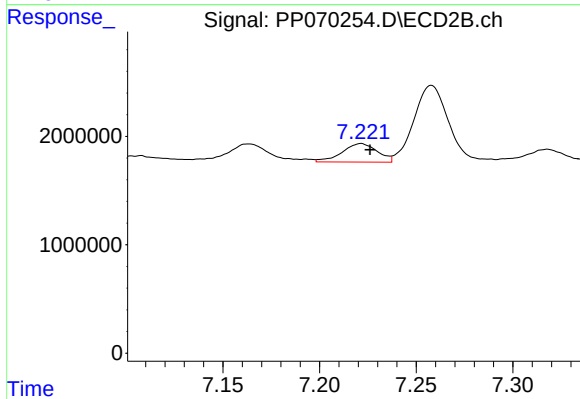
#33 AR-1260-3

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 15621504
Conc: 258.97 ng/ml



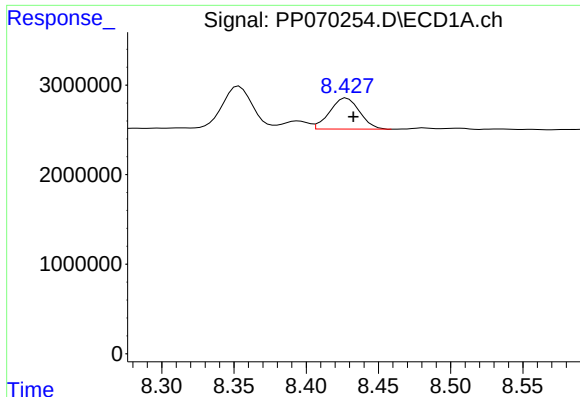
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.020 min
Response: 13125521
Conc: 207.02 ng/ml



#34 AR-1260-4

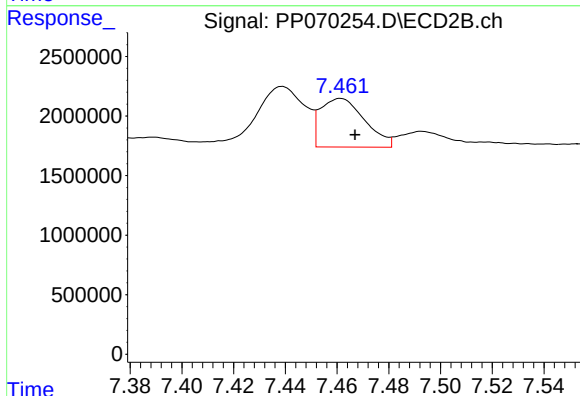
R.T.: 7.221 min
Delta R.T.: -0.005 min
Response: 2176252
Conc: 44.53 ng/ml



#35 AR-1260-5

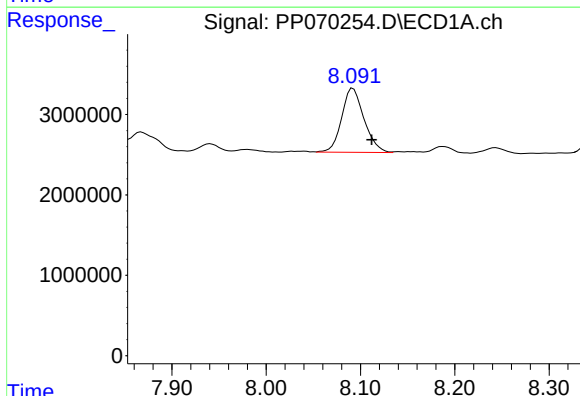
R.T.: 8.428 min
Delta R.T.: -0.005 min
Response: 4991819
Conc: 38.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



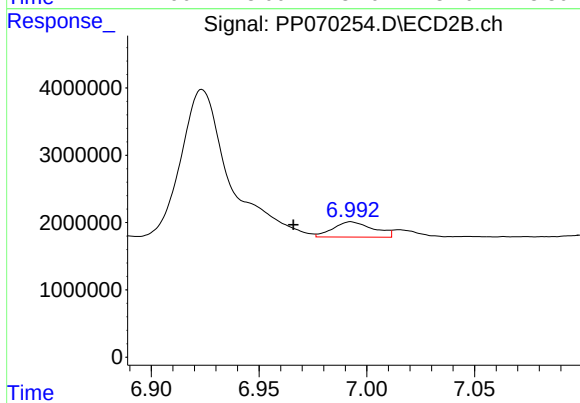
#35 AR-1260-5

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 4842522
Conc: 40.63 ng/ml



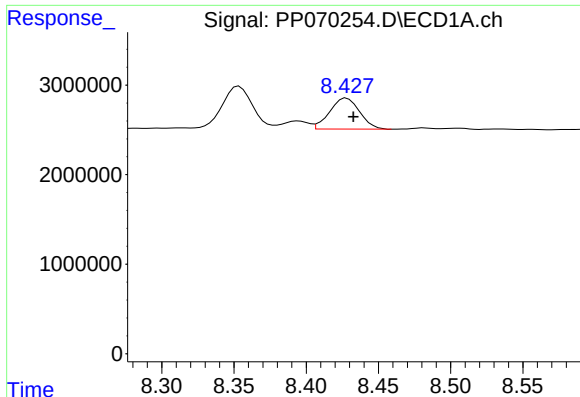
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: -0.020 min
Response: 13125521
Conc: 162.59 ng/ml



#36 AR-1262-1

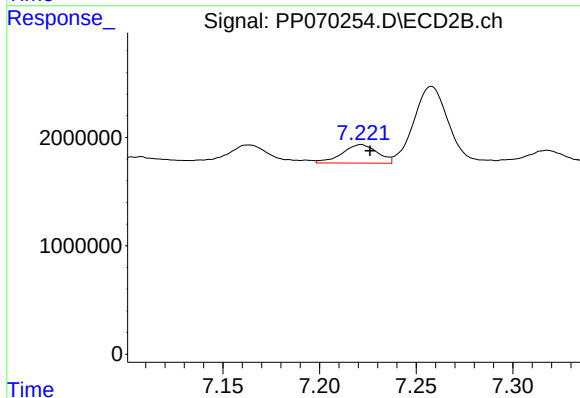
R.T.: 6.993 min
Delta R.T.: 0.027 min
Response: 2946234
Conc: 35.29 ng/ml



#37 AR-1262-2

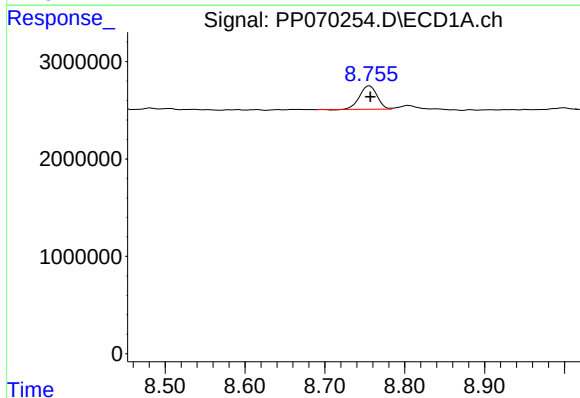
R.T.: 8.428 min
Delta R.T.: -0.005 min
Response: 4991819
Conc: 30.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



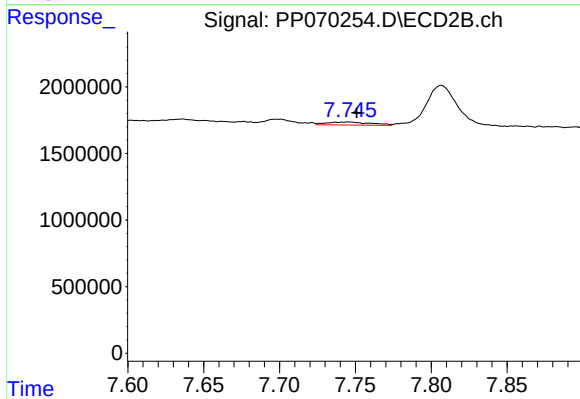
#37 AR-1262-2

R.T.: 7.221 min
Delta R.T.: -0.005 min
Response: 2176252
Conc: 32.83 ng/ml



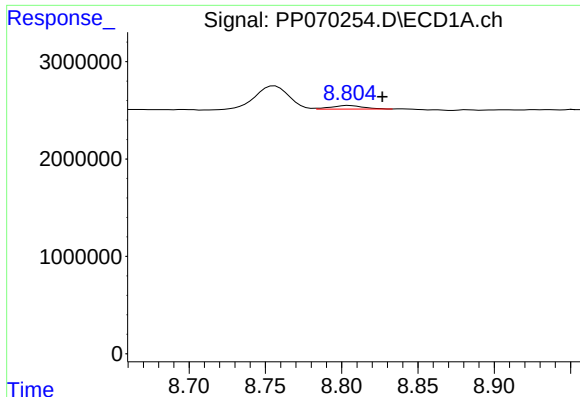
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 3664888
Conc: 33.13 ng/ml



#38 AR-1262-3

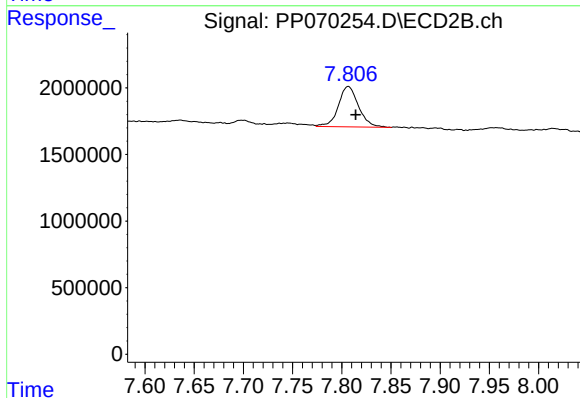
R.T.: 7.746 min
Delta R.T.: -0.005 min
Response: 477032
Conc: 7.87 ng/ml



#39 AR-1262-4

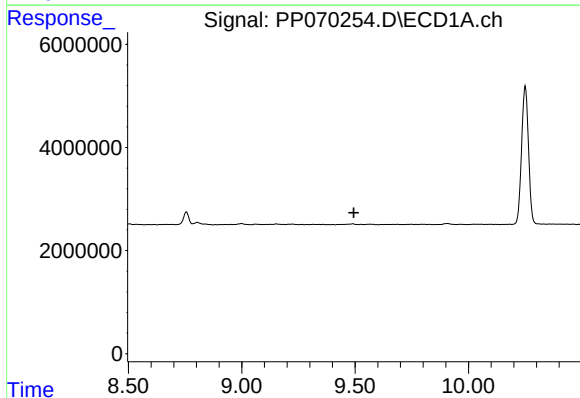
R.T.: 8.805 min
Delta R.T.: -0.022 min
Response: 548102
Conc: 6.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



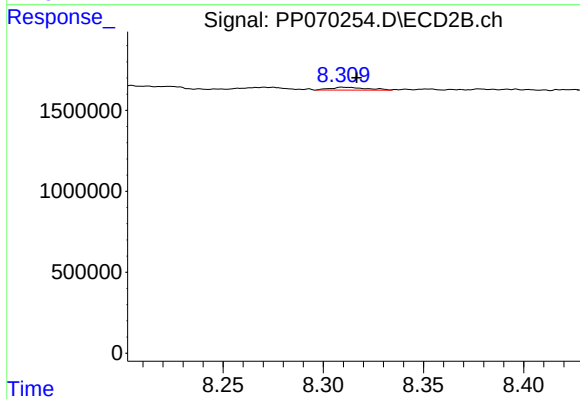
#39 AR-1262-4

R.T.: 7.807 min
Delta R.T.: -0.007 min
Response: 4344605
Conc: 41.19 ng/ml



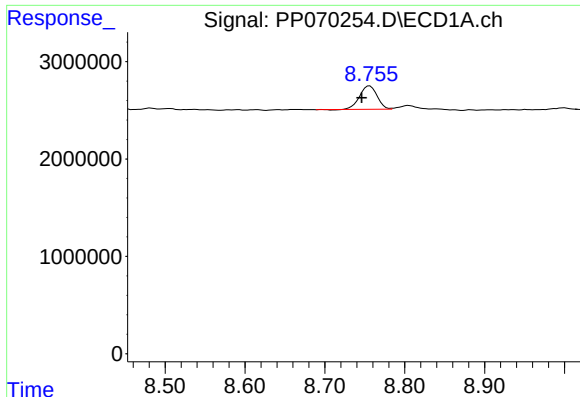
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.494 min
Response: 0
Conc: N.D.



#40 AR-1262-5

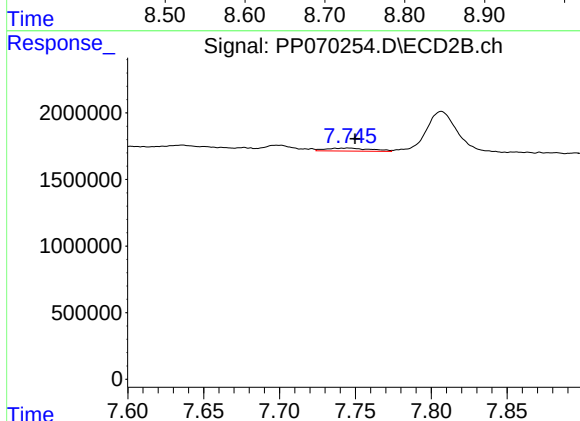
R.T.: 8.310 min
Delta R.T.: -0.007 min
Response: 230749
Conc: 4.44 ng/ml



#41 AR-1268-1

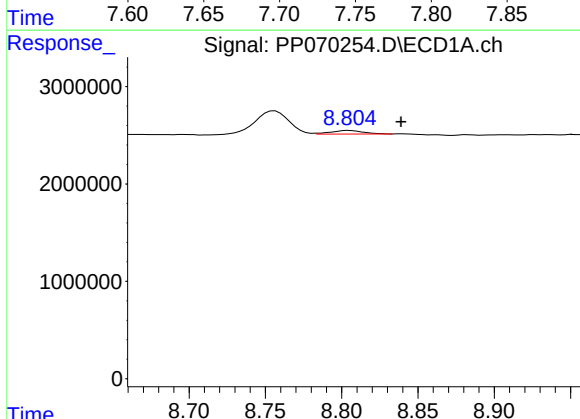
R.T.: 8.756 min
Delta R.T.: 0.010 min
Response: 3664888
Conc: 19.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



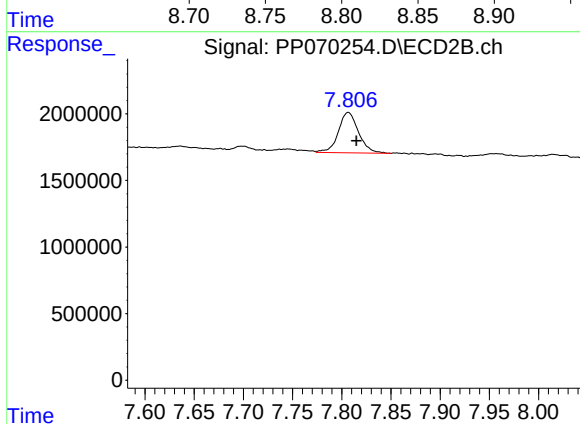
#41 AR-1268-1

R.T.: 7.746 min
Delta R.T.: -0.004 min
Response: 477032
Conc: 2.88 ng/ml



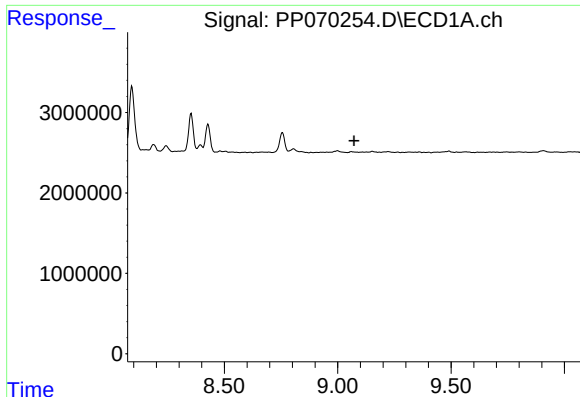
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.034 min
Response: 548102
Conc: 3.31 ng/ml



#42 AR-1268-2

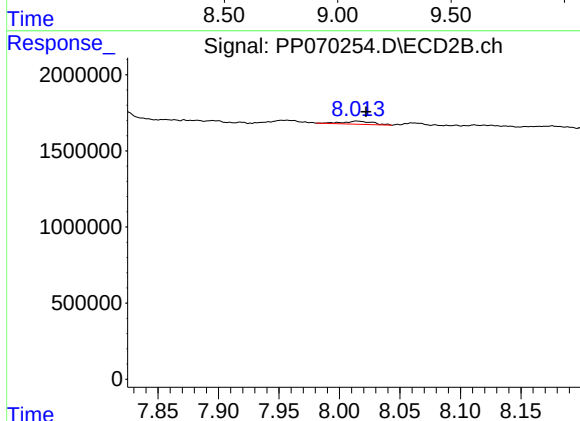
R.T.: 7.807 min
Delta R.T.: -0.008 min
Response: 4344605
Conc: 29.95 ng/ml



#43 AR-1268-3

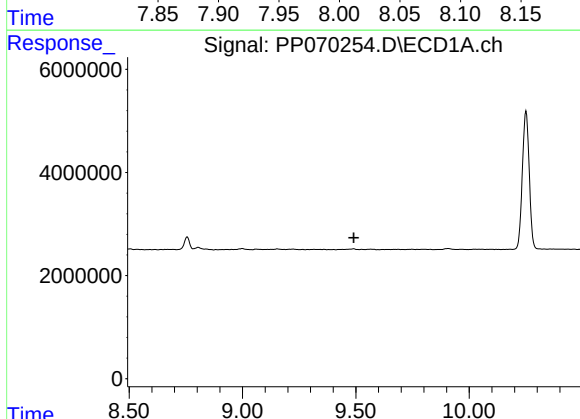
R.T.: 0.000 min
Exp R.T.: 9.073 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



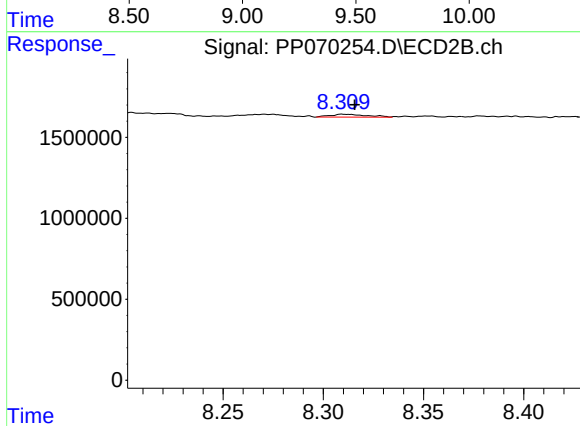
#43 AR-1268-3

R.T.: 8.014 min
Delta R.T.: -0.008 min
Response: 354552
Conc: 2.90 ng/ml



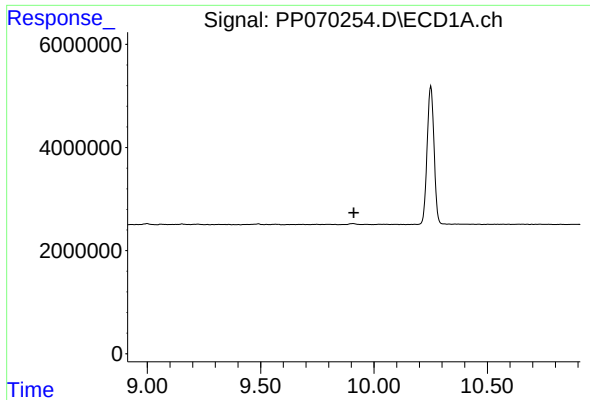
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.492 min
Response: 0
Conc: N.D.



#44 AR-1268-4

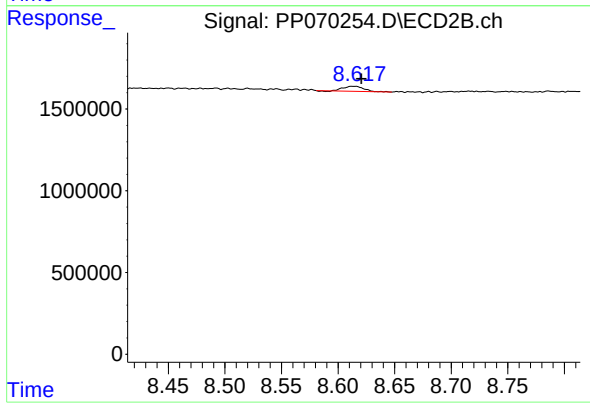
R.T.: 8.310 min
Delta R.T.: -0.006 min
Response: 230749
Conc: 4.34 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.911 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.614 min
Delta R.T.: -0.007 min
Response: 369389
Conc: 1.04 ng/ml