

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050423\
 Data File : PP057538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 00:20
 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: May 05 01:32:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 04 07:27:39 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...	4.391	3.625	113.1E6	108.3E6	54.379	53.463
2)	SA Decachlor...	10.218	8.686	43377098	79284116	59.346	60.944
Target Compounds							
3)	L1 AR-1016-1	5.570	4.723	23108884	26550227	422.535	414.725
4)	L1 AR-1016-2	5.593	4.742	33801182	36293723	417.660	410.164
5)	L1 AR-1016-3	5.656	4.920	21718710	21170911	433.572	419.883
6)	L1 AR-1016-4	5.755	4.962	17211632	17305904	426.880	429.698
7)	L1 AR-1016-5	6.052	5.178	19097923	27318497	467.642	534.860
8)	L2 AR-1221-1	4.597	3.840	3552941	3204728	142.216	130.569
9)	L2 AR-1221-2	4.689	3.927	5181112	4990681	280.303	267.013
10)	L2 AR-1221-3	4.765	4.004	15978598	16179217	294.080	290.311
11)	L3 AR-1232-1	4.765	4.004	15978598	16179217	393.463	390.146
12)	L3 AR-1232-2	5.300	4.742	20245741	36293723	865.041	875.489
13)	L3 AR-1232-3	5.593	4.920	33801182	21170911	916.030	889.175
14)	L3 AR-1232-4	5.755	5.004	17211632	21121679	948.908	993.756
15)	L3 AR-1232-5	5.847	5.178	15423313	27318497	996.700	1148.845
16)	L4 AR-1242-1	5.570	4.723	23108884	26550227	535.163	523.537
17)	L4 AR-1242-2	5.593	4.742	33801182	36293723	539.167	522.841
18)	L4 AR-1242-3	5.656	4.920	21718710	21170911	552.844	522.577
19)	L4 AR-1242-4	5.755	5.004	17211632	21121679	540.684	525.292
20)	L4 AR-1242-5	6.498	5.532	16470538	29394823	592.325	598.910
21)	L5 AR-1248-1	5.593	4.723	33801182	26550227	875.408	581.228 #
22)	L5 AR-1248-2	5.847f	4.962	15423313	17305904	262.273	270.768
23)	L5 AR-1248-3	6.052f	5.004	19097923	21121679	308.129	313.492
24)	L5 AR-1248-4	6.459	5.178	16281247	27318497	290.338	345.654
25)	L5 AR-1248-5	6.498f	5.574	16470538	26543786	295.607	355.702
26)	L6 AR-1254-1	6.432	5.532	15355063	29394823	250.552	292.919
27)	L6 AR-1254-2	6.657	5.682	15372201	12999142	180.499	146.195
28)	L6 AR-1254-3	7.023	6.089	10339935	13756739	129.434	98.230
29)	L6 AR-1254-4	7.311	6.320	8596883	9054952	153.989	106.176 #
30)	L6 AR-1254-5	7.734	6.740	3452091	5903876	56.756	45.143
31)	L7 AR-1260-1	7.189	6.235	5650970	9132374	79.207	98.125
32)	L7 AR-1260-2	7.447	6.408	3753123	4485501	58.200	42.192 #
33)	L7 AR-1260-3	7.798f	6.564	445449	2964361	10.737	28.478 #
34)	L7 AR-1260-4	8.055	7.037	139079	226969	2.741	3.083
35)	L7 AR-1260-5	8.363	7.282	373125	612740	4.496	3.877
36)	L8 AR-1262-1	7.798f	6.857f	445449	185029	6.339	3.382 #
37)	L8 AR-1262-2	8.363	7.037	373125	226969	3.548	2.070 #
38)	L8 AR-1262-3	8.698	7.566	200742	360721	2.786	4.308 #
39)	L8 AR-1262-4	8.772	7.630	72063	537173	1.330	3.579 #
40)	L8 AR-1262-5	9.444	0.000	46102	0	1.372	N.D. #
41)	L9 AR-1268-1	8.698f	7.566	200742	360721	1.588	1.470

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 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

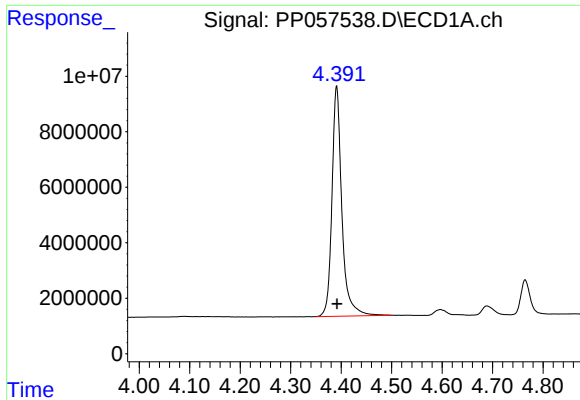
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 01:32:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050323.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	8.772	7.630	72063	537173	0.659	2.458 #
43) L9	AR-1268-3	9.012	7.841	240835	362408	2.401	1.903
44) L9	AR-1268-4	9.444	0.000	46102	0	1.241	N.D. #
45) L9	AR-1268-5	9.866	8.427	193466	580296	0.757	1.147 #

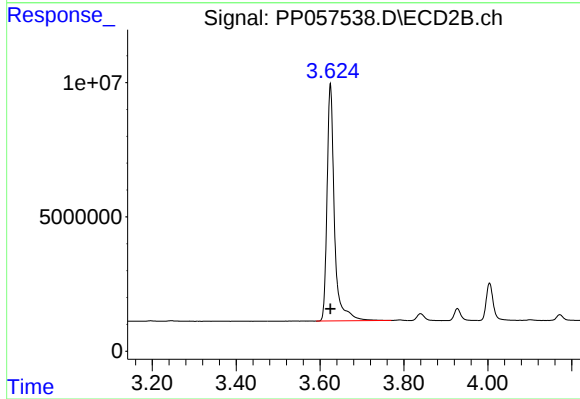
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

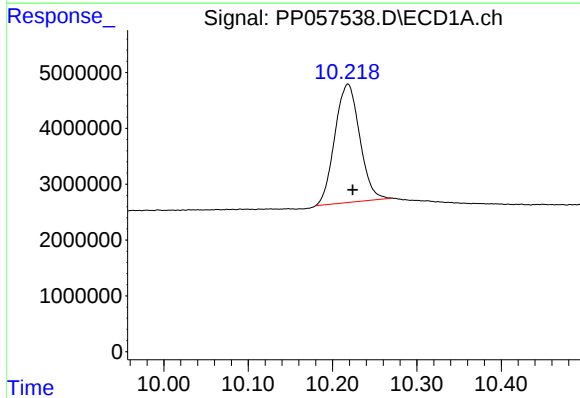
R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 113102770
Conc: 54.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



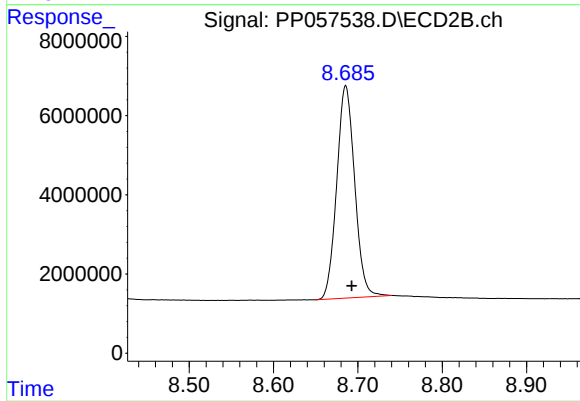
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 108289324
Conc: 53.46 ng/ml



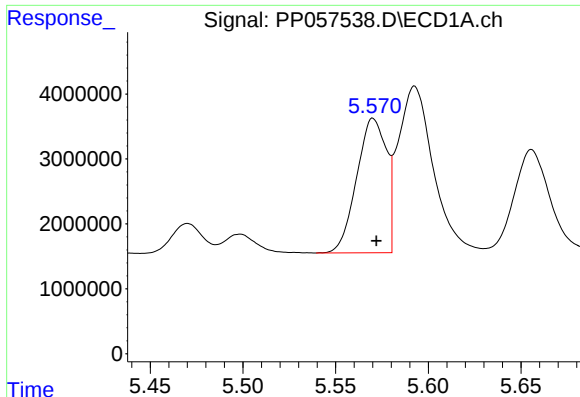
#2 Decachlorobiphenyl

R.T.: 10.218 min
Delta R.T.: -0.006 min
Response: 43377098
Conc: 59.35 ng/ml



#2 Decachlorobiphenyl

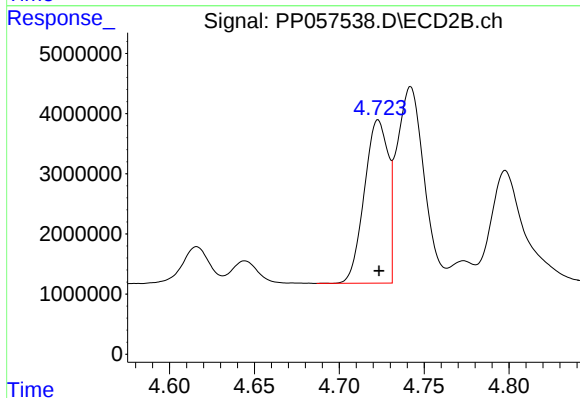
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 79284116
Conc: 60.94 ng/ml



#3 AR-1016-1

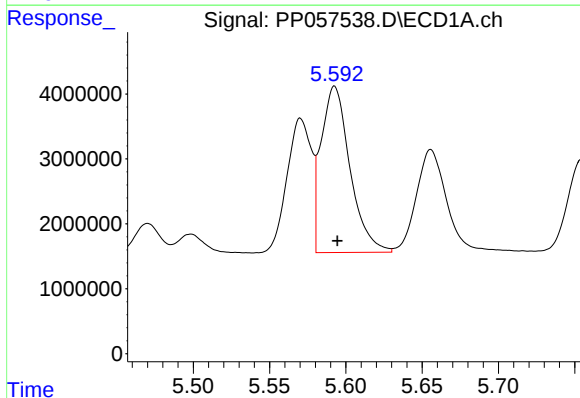
R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 23108884
Conc: 422.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



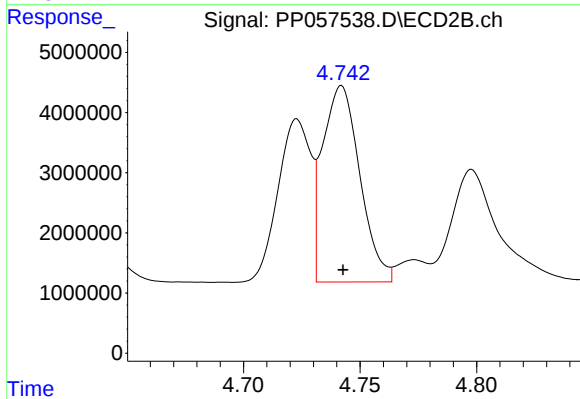
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 26550227
Conc: 414.73 ng/ml



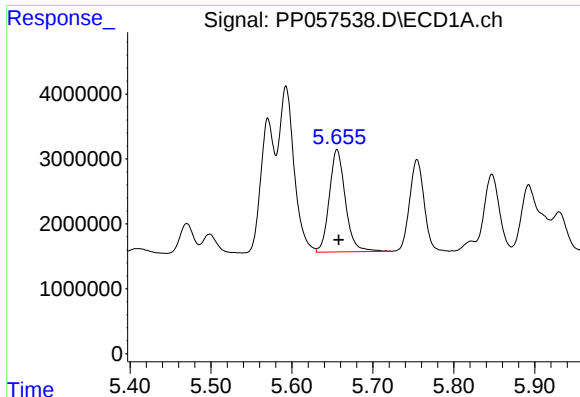
#4 AR-1016-2

R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 33801182
Conc: 417.66 ng/ml



#4 AR-1016-2

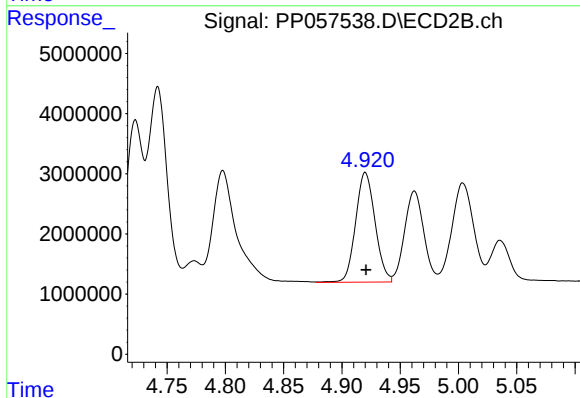
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 36293723
Conc: 410.16 ng/ml



#5 AR-1016-3

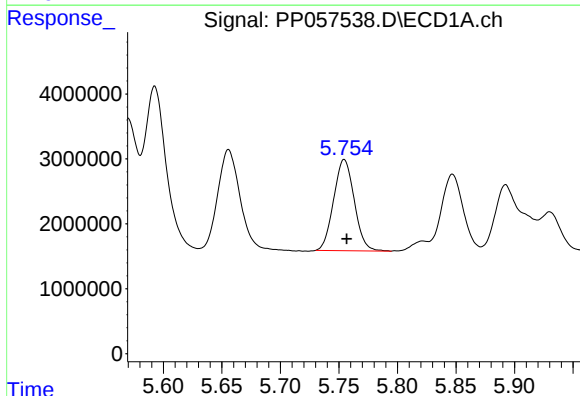
R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 21718710
Conc: 433.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



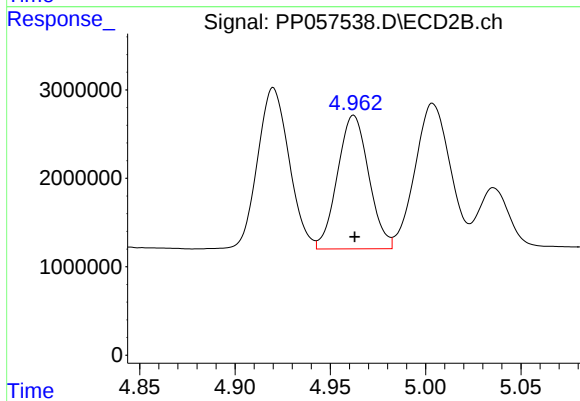
#5 AR-1016-3

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 21170911
Conc: 419.88 ng/ml



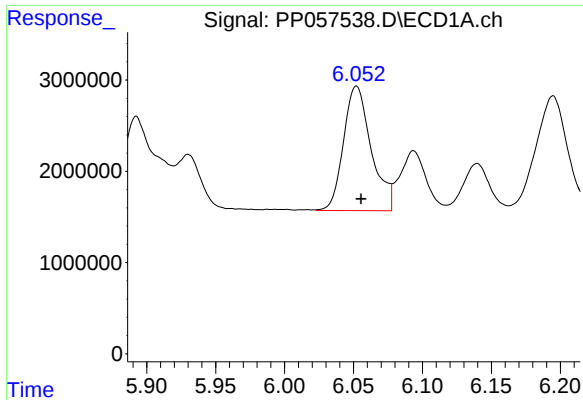
#6 AR-1016-4

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 17211632
Conc: 426.88 ng/ml



#6 AR-1016-4

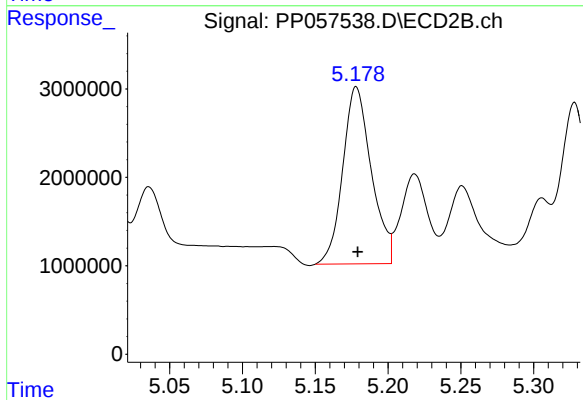
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 17305904
Conc: 429.70 ng/ml



#7 AR-1016-5

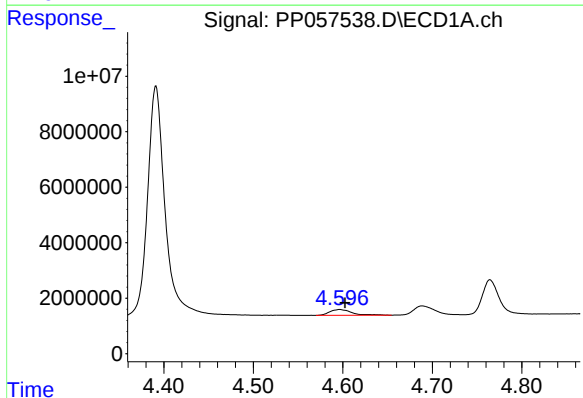
R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 19097923
Conc: 467.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



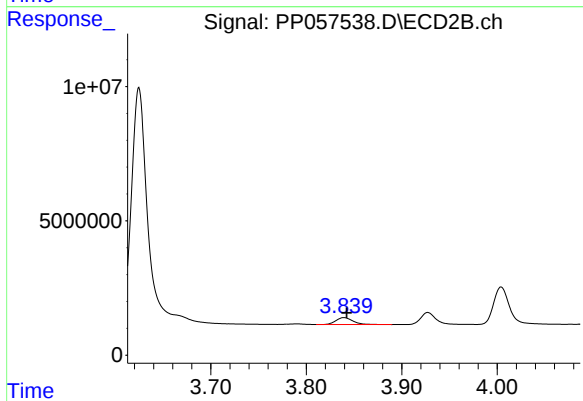
#7 AR-1016-5

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 27318497
Conc: 534.86 ng/ml



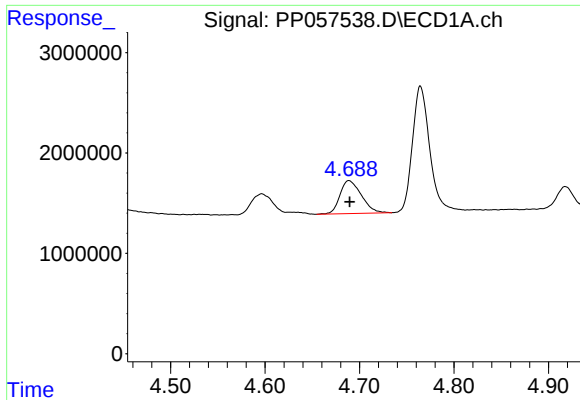
#8 AR-1221-1

R.T.: 4.597 min
Delta R.T.: -0.006 min
Response: 3552941
Conc: 142.22 ng/ml



#8 AR-1221-1

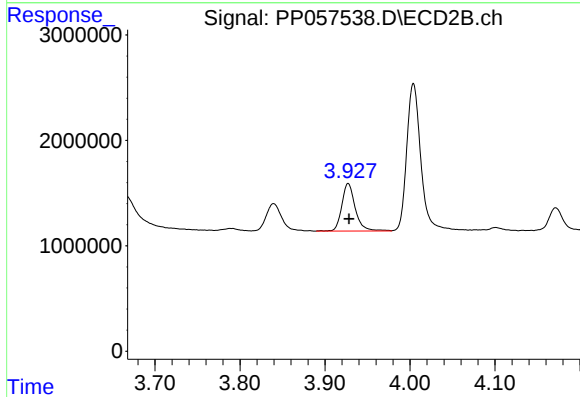
R.T.: 3.840 min
Delta R.T.: -0.003 min
Response: 3204728
Conc: 130.57 ng/ml



#9 AR-1221-2

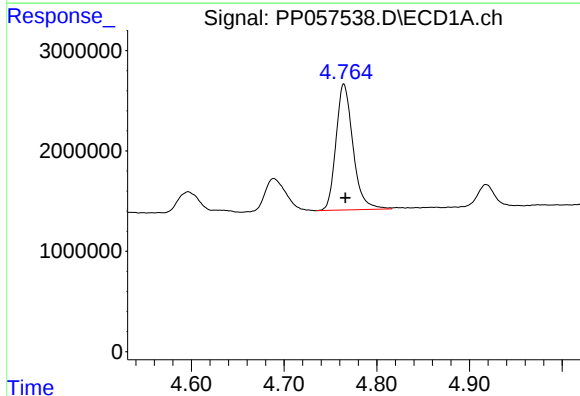
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 5181112
Conc: 280.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



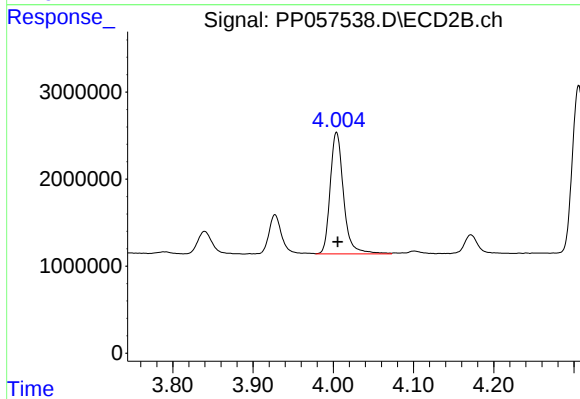
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.001 min
Response: 4990681
Conc: 267.01 ng/ml



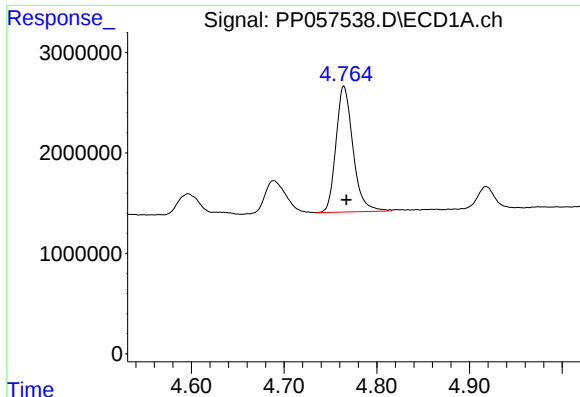
#10 AR-1221-3

R.T.: 4.765 min
Delta R.T.: -0.002 min
Response: 15978598
Conc: 294.08 ng/ml



#10 AR-1221-3

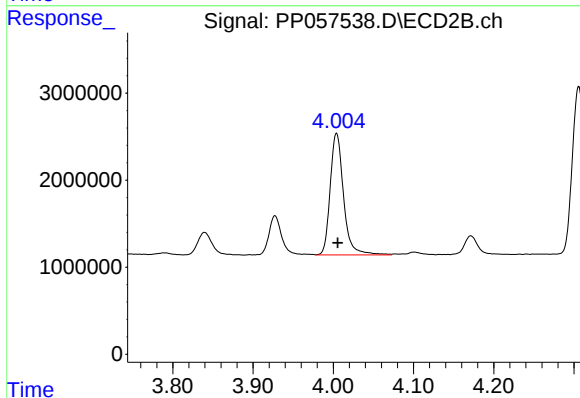
R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 16179217
Conc: 290.31 ng/ml



#11 AR-1232-1

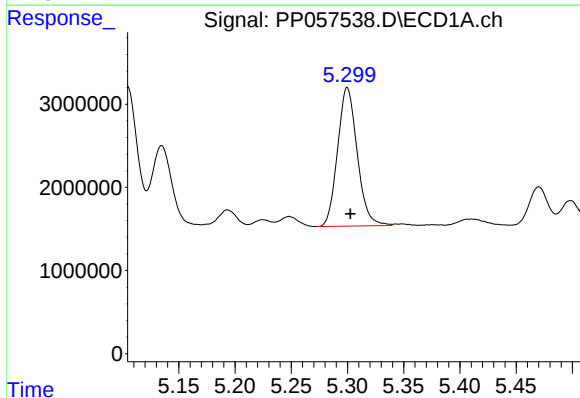
R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 15978598
Conc: 393.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



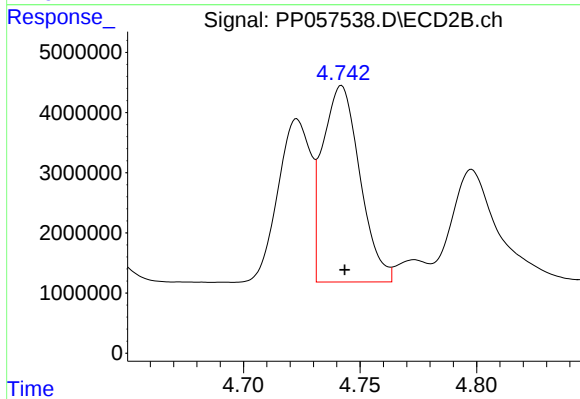
#11 AR-1232-1

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 16179217
Conc: 390.15 ng/ml



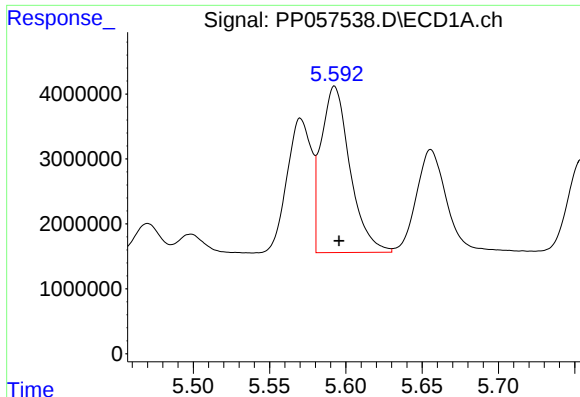
#12 AR-1232-2

R.T.: 5.300 min
Delta R.T.: -0.003 min
Response: 20245741
Conc: 865.04 ng/ml



#12 AR-1232-2

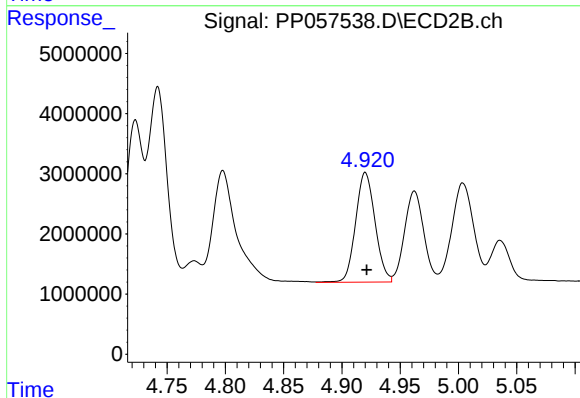
R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 36293723
Conc: 875.49 ng/ml



#13 AR-1232-3

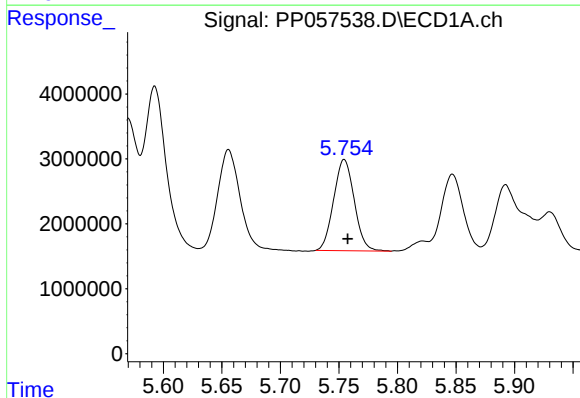
R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 33801182
Conc: 916.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



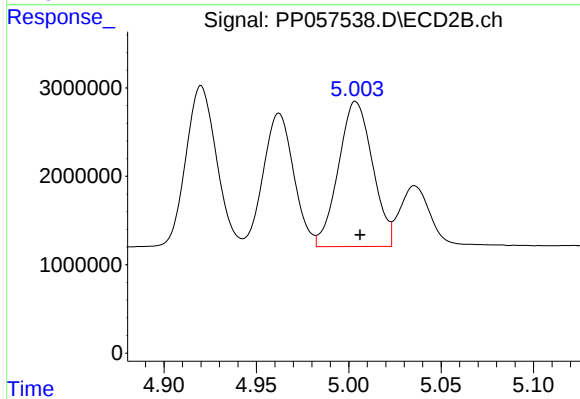
#13 AR-1232-3

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 21170911
Conc: 889.17 ng/ml



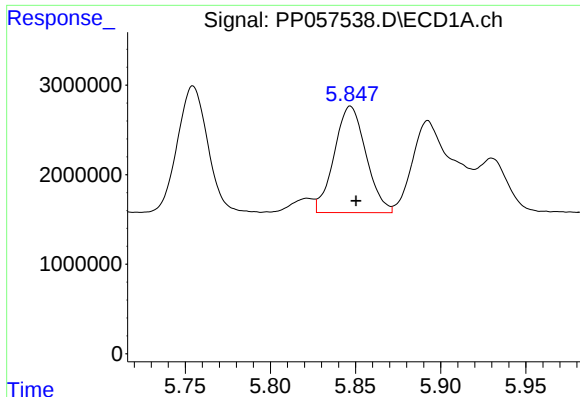
#14 AR-1232-4

R.T.: 5.755 min
Delta R.T.: -0.003 min
Response: 17211632
Conc: 948.91 ng/ml



#14 AR-1232-4

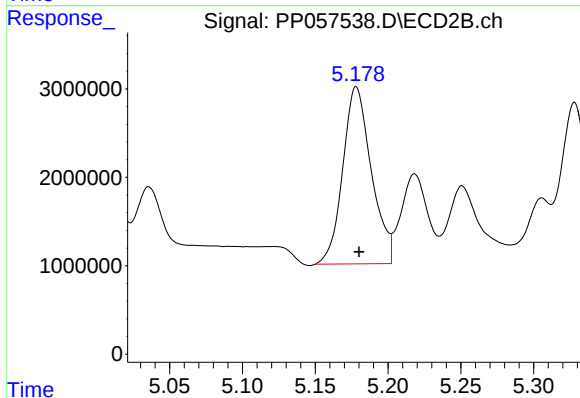
R.T.: 5.004 min
Delta R.T.: -0.002 min
Response: 21121679
Conc: 993.76 ng/ml



#15 AR-1232-5

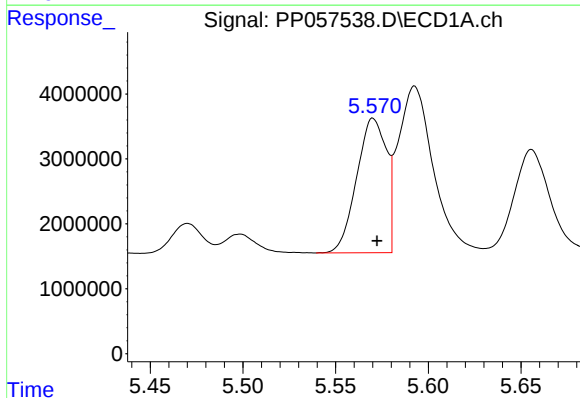
R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 15423313
Conc: 996.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



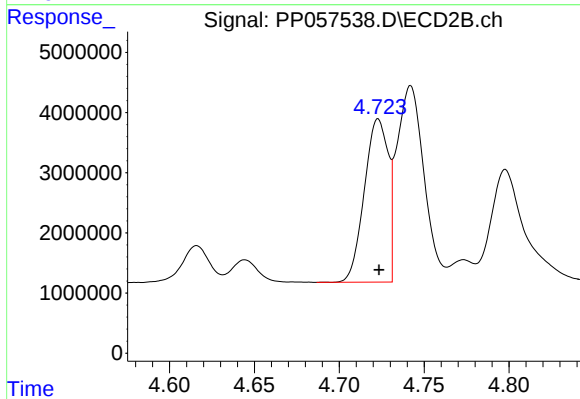
#15 AR-1232-5

R.T.: 5.178 min
Delta R.T.: -0.002 min
Response: 27318497
Conc: 1148.85 ng/ml



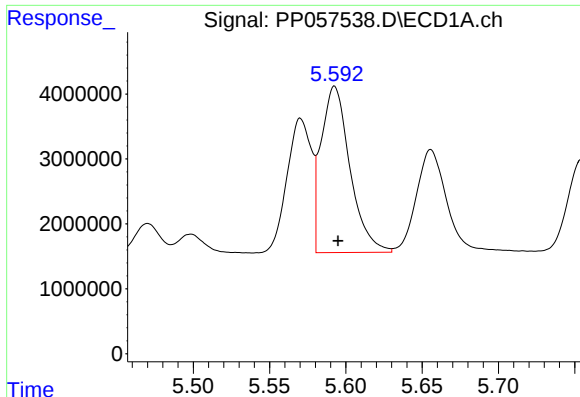
#16 AR-1242-1

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 23108884
Conc: 535.16 ng/ml



#16 AR-1242-1

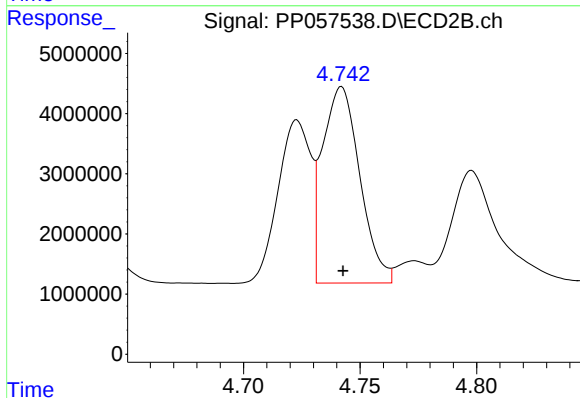
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 26550227
Conc: 523.54 ng/ml



#17 AR-1242-2

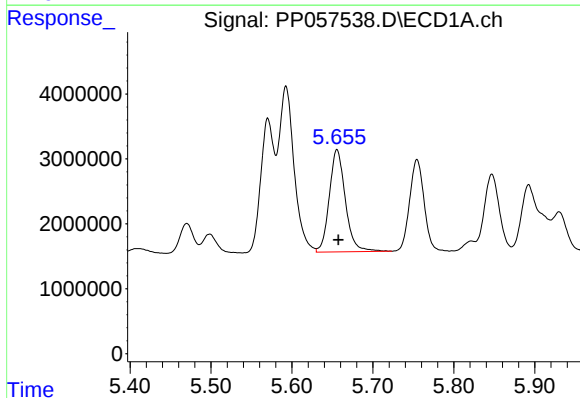
R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 33801182
Conc: 539.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



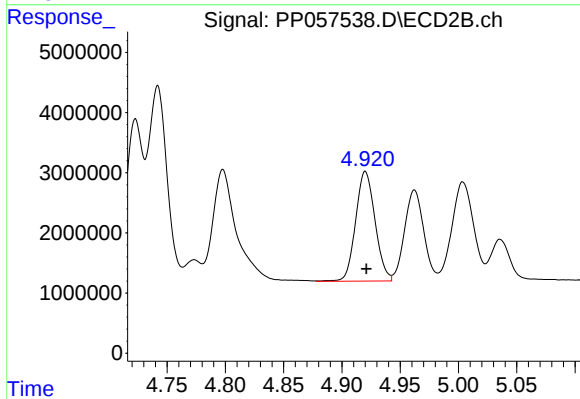
#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 36293723
Conc: 522.84 ng/ml



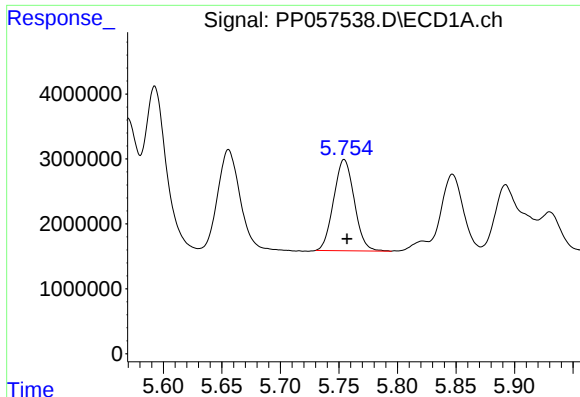
#18 AR-1242-3

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 21718710
Conc: 552.84 ng/ml



#18 AR-1242-3

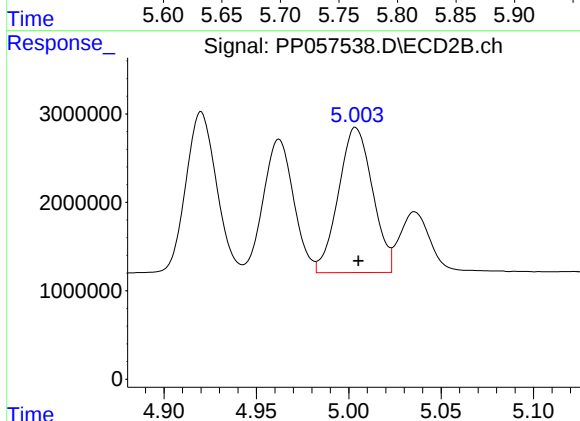
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 21170911
Conc: 522.58 ng/ml



#19 AR-1242-4

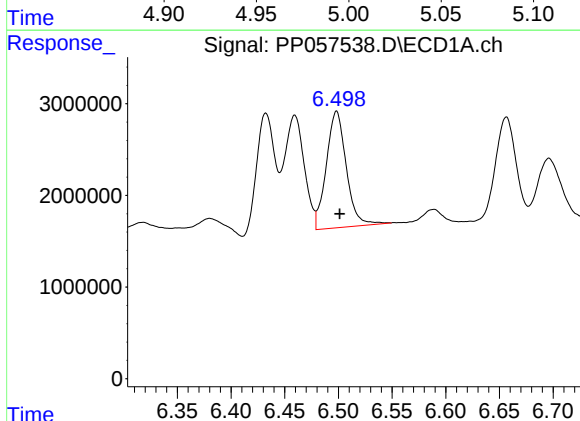
R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 17211632
Conc: 540.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



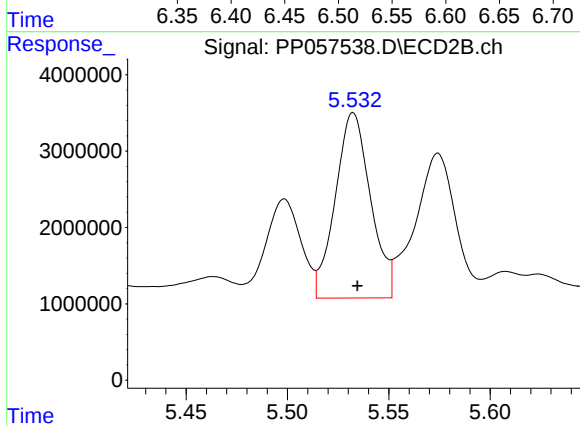
#19 AR-1242-4

R.T.: 5.004 min
Delta R.T.: -0.001 min
Response: 21121679
Conc: 525.29 ng/ml



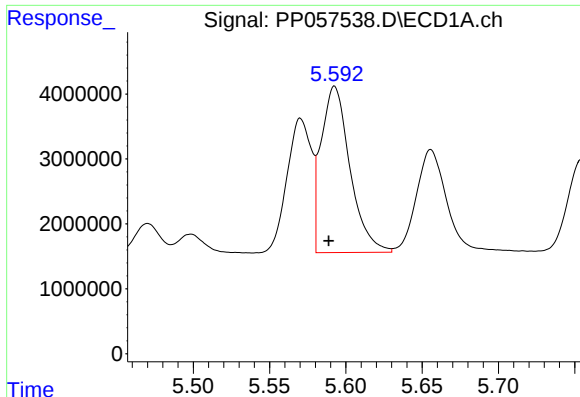
#20 AR-1242-5

R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 16470538
Conc: 592.33 ng/ml



#20 AR-1242-5

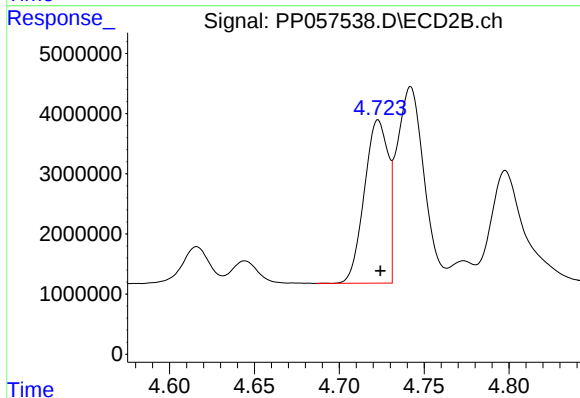
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 29394823
Conc: 598.91 ng/ml



#21 AR-1248-1

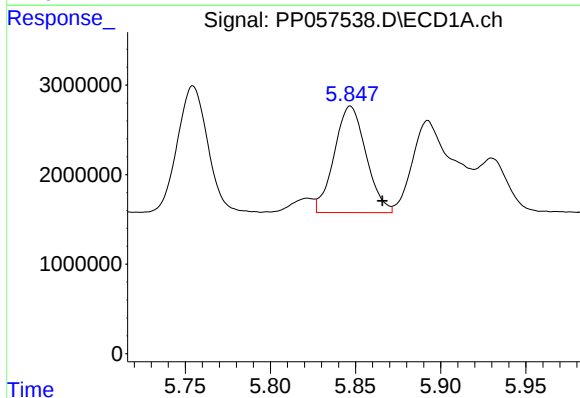
R.T.: 5.593 min
Delta R.T.: 0.004 min
Response: 33801182
Conc: 875.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



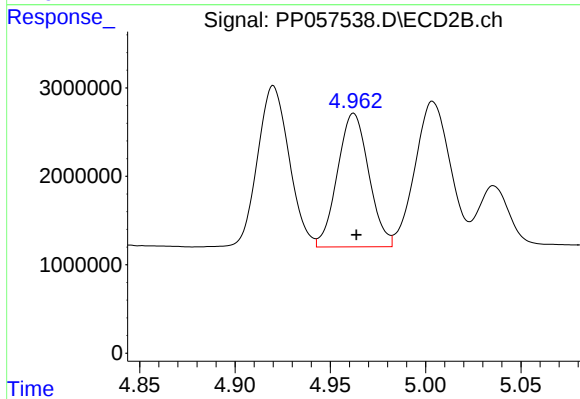
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 26550227
Conc: 581.23 ng/ml



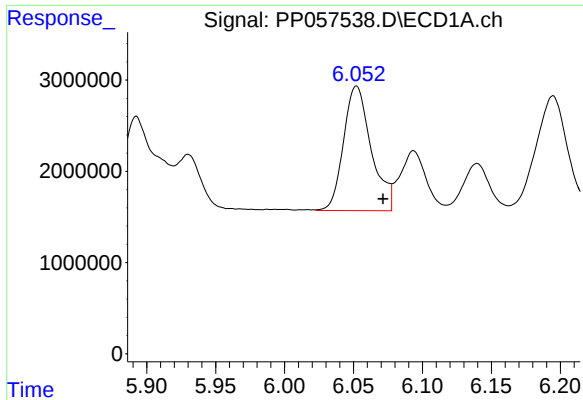
#22 AR-1248-2

R.T.: 5.847 min
Delta R.T.: -0.019 min
Response: 15423313
Conc: 262.27 ng/ml



#22 AR-1248-2

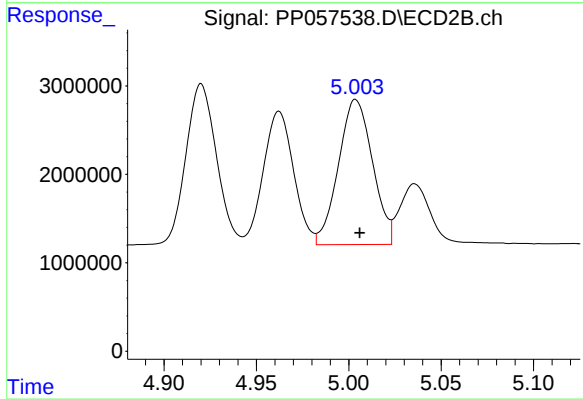
R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 17305904
Conc: 270.77 ng/ml



#23 AR-1248-3

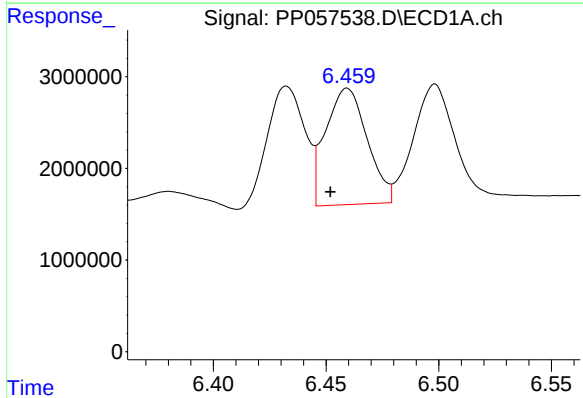
R.T.: 6.052 min
Delta R.T.: -0.019 min
Response: 19097923
Conc: 308.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



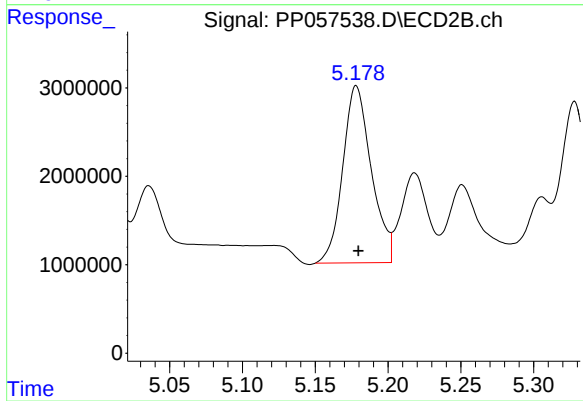
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: -0.002 min
Response: 21121679
Conc: 313.49 ng/ml



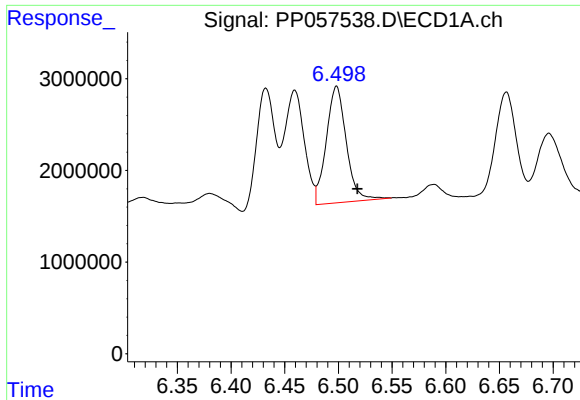
#24 AR-1248-4

R.T.: 6.459 min
Delta R.T.: 0.007 min
Response: 16281247
Conc: 290.34 ng/ml



#24 AR-1248-4

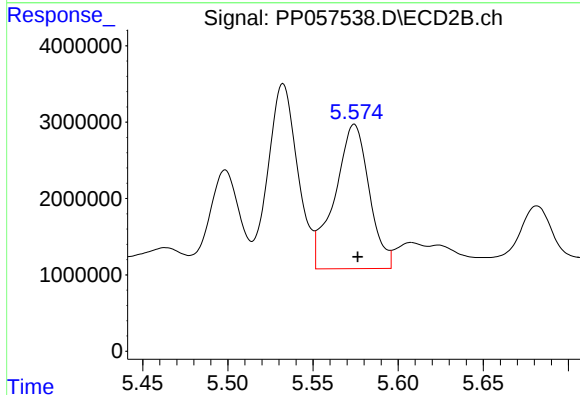
R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 27318497
Conc: 345.65 ng/ml



#25 AR-1248-5

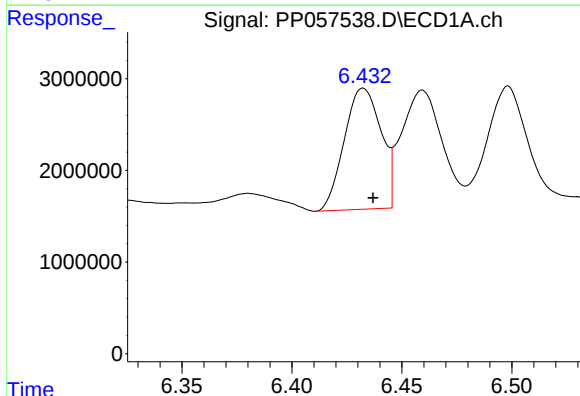
R.T.: 6.498 min
Delta R.T.: -0.019 min
Response: 16470538
Conc: 295.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



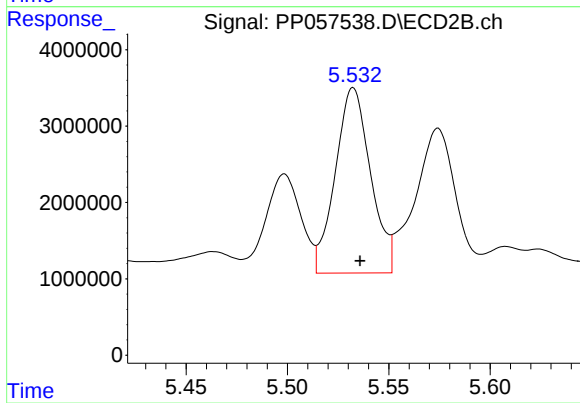
#25 AR-1248-5

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 26543786
Conc: 355.70 ng/ml



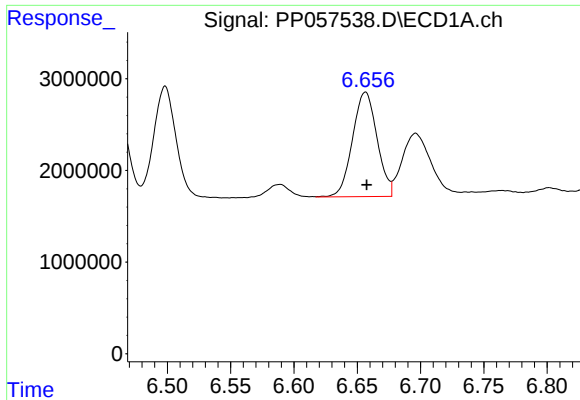
#26 AR-1254-1

R.T.: 6.432 min
Delta R.T.: -0.005 min
Response: 15355063
Conc: 250.55 ng/ml



#26 AR-1254-1

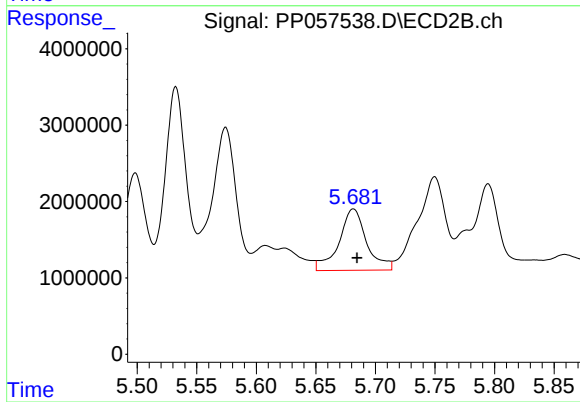
R.T.: 5.532 min
Delta R.T.: -0.003 min
Response: 29394823
Conc: 292.92 ng/ml



#27 AR-1254-2

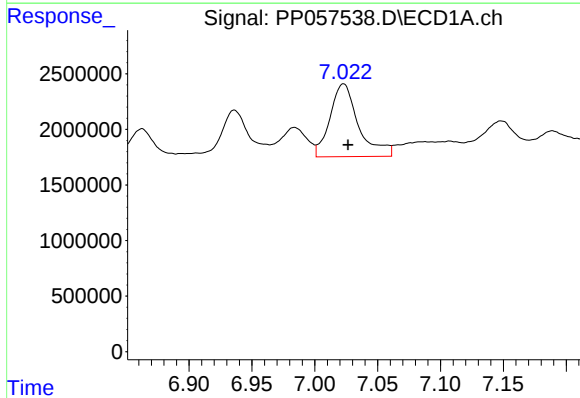
R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 15372201
Conc: 180.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



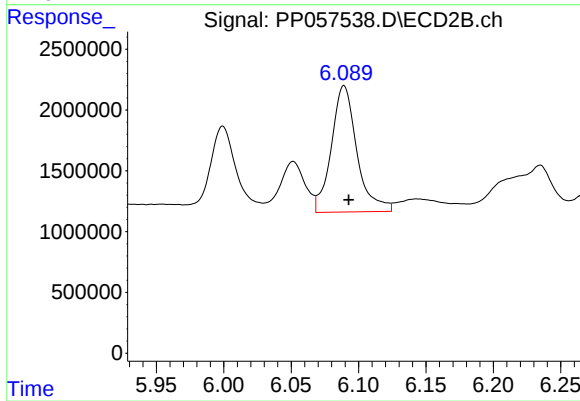
#27 AR-1254-2

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 12999142
Conc: 146.19 ng/ml



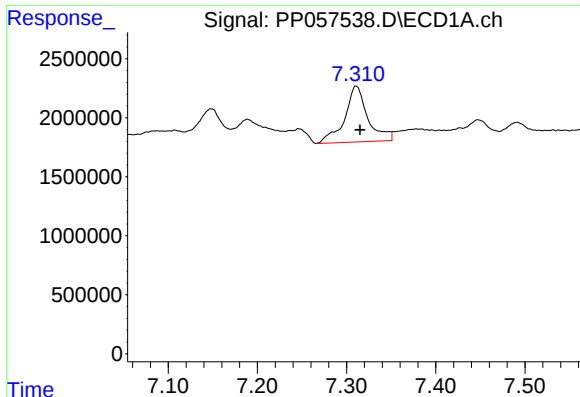
#28 AR-1254-3

R.T.: 7.023 min
Delta R.T.: -0.004 min
Response: 10339935
Conc: 129.43 ng/ml



#28 AR-1254-3

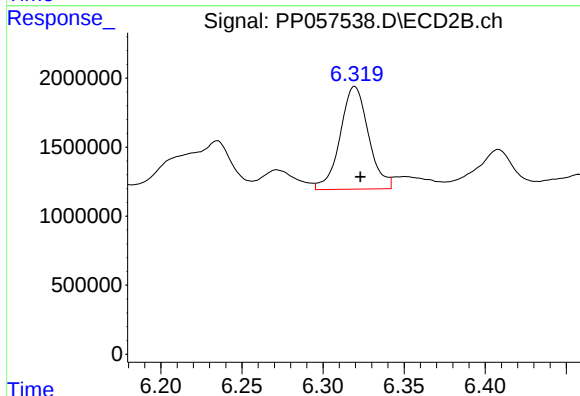
R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 13756739
Conc: 98.23 ng/ml



#29 AR-1254-4

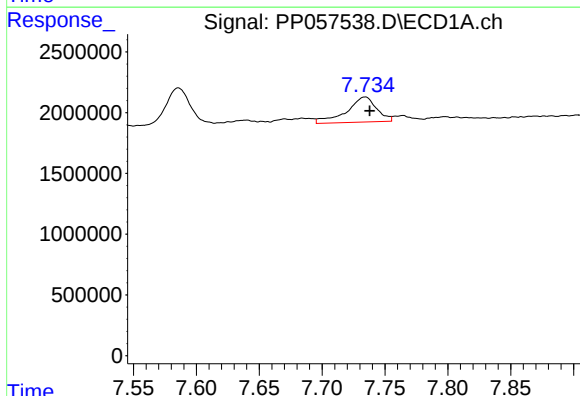
R.T.: 7.311 min
Delta R.T.: -0.004 min
Response: 8596883
Conc: 153.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



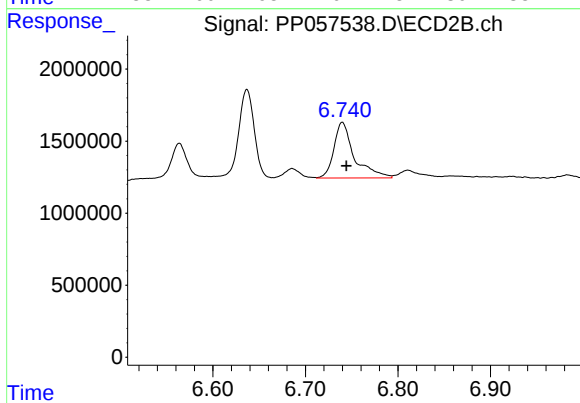
#29 AR-1254-4

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 9054952
Conc: 106.18 ng/ml



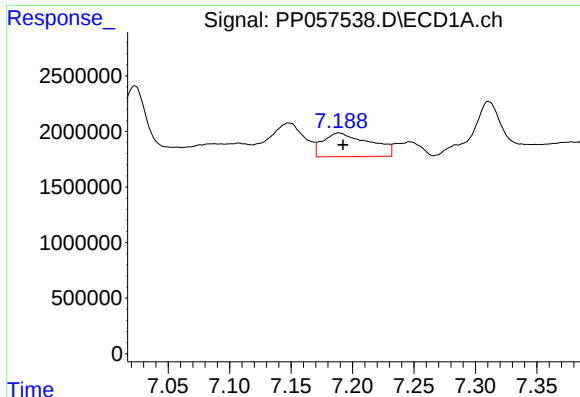
#30 AR-1254-5

R.T.: 7.734 min
Delta R.T.: -0.004 min
Response: 3452091
Conc: 56.76 ng/ml



#30 AR-1254-5

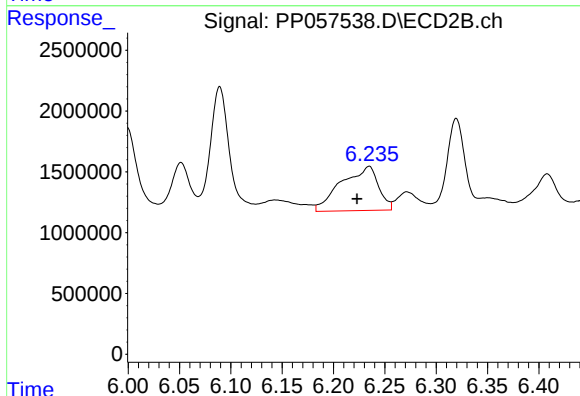
R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 5903876
Conc: 45.14 ng/ml



#31 AR-1260-1

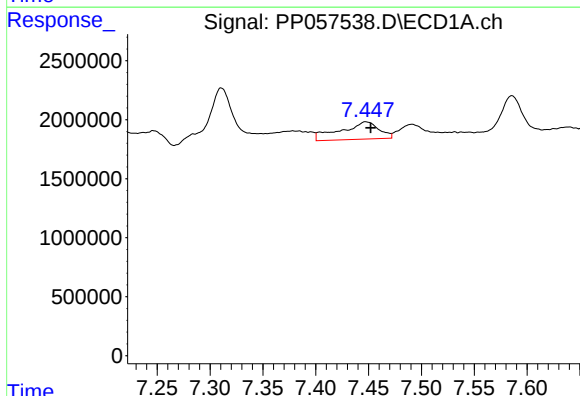
R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 5650970
Conc: 79.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



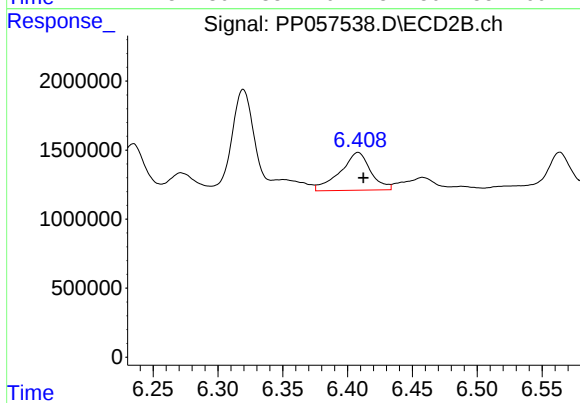
#31 AR-1260-1

R.T.: 6.235 min
Delta R.T.: 0.012 min
Response: 9132374
Conc: 98.13 ng/ml



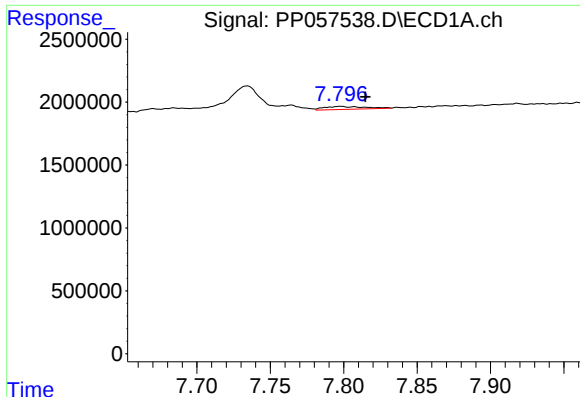
#32 AR-1260-2

R.T.: 7.447 min
Delta R.T.: -0.005 min
Response: 3753123
Conc: 58.20 ng/ml



#32 AR-1260-2

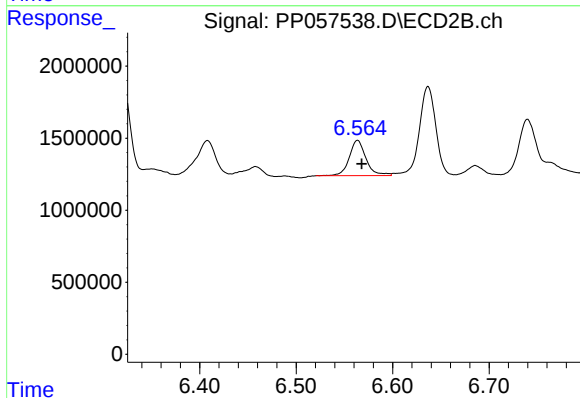
R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 4485501
Conc: 42.19 ng/ml



#33 AR-1260-3

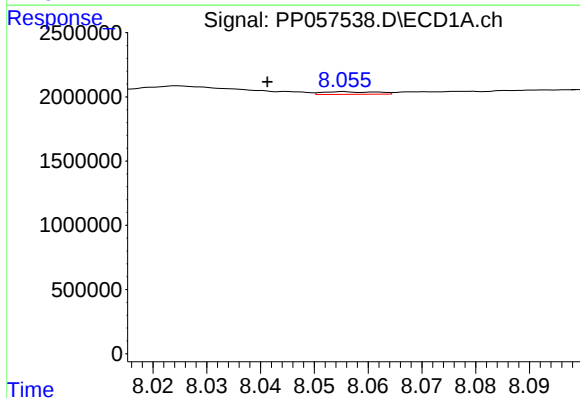
R.T.: 7.798 min
Delta R.T.: -0.017 min
Response: 445449
Conc: 10.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



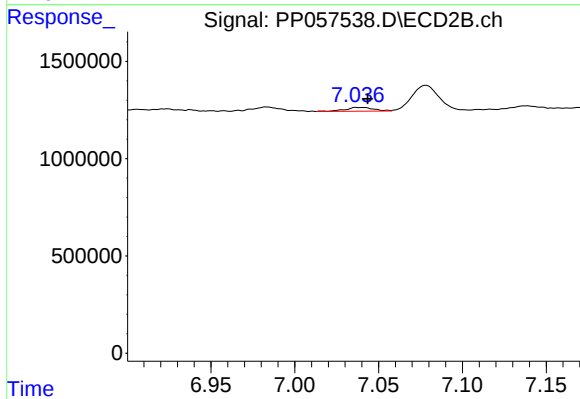
#33 AR-1260-3

R.T.: 6.564 min
Delta R.T.: -0.004 min
Response: 2964361
Conc: 28.48 ng/ml



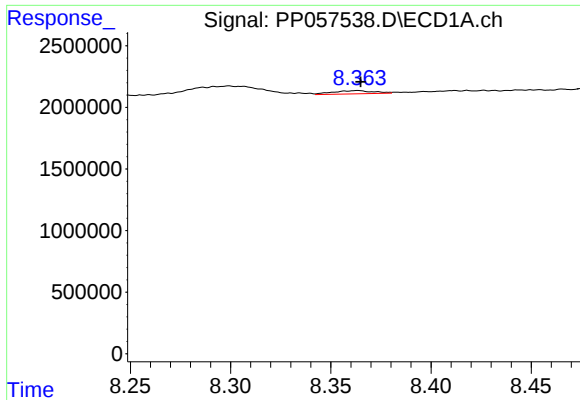
#34 AR-1260-4

R.T.: 8.055 min
Delta R.T.: 0.014 min
Response: 139079
Conc: 2.74 ng/ml



#34 AR-1260-4

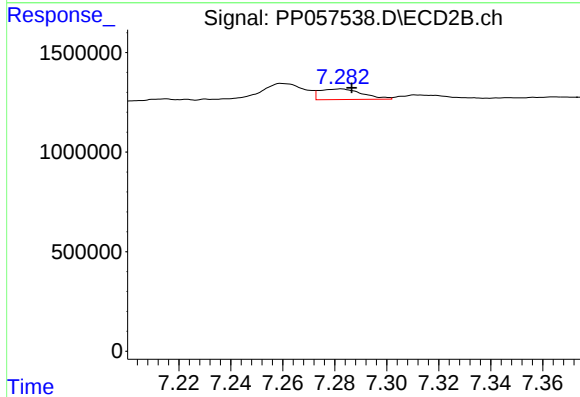
R.T.: 7.037 min
Delta R.T.: -0.006 min
Response: 226969
Conc: 3.08 ng/ml



#35 AR-1260-5

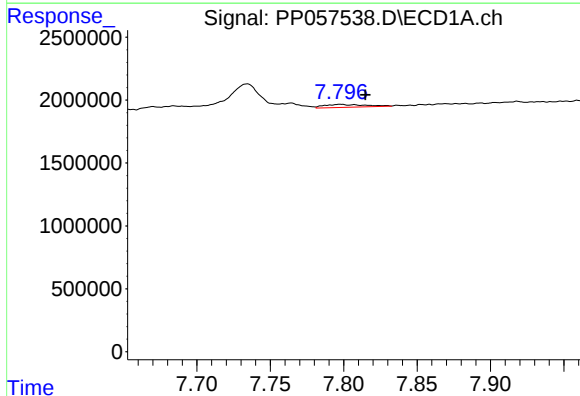
R.T.: 8.363 min
Delta R.T.: -0.001 min
Response: 373125
Conc: 4.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



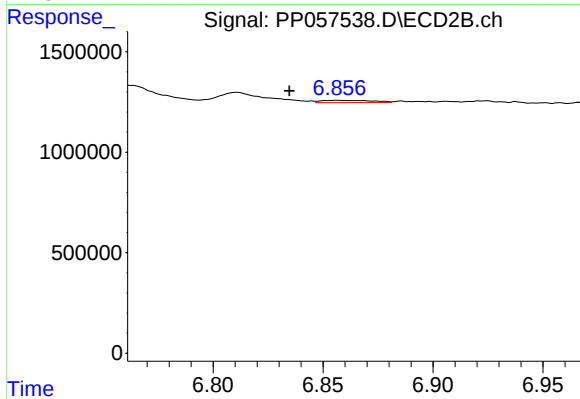
#35 AR-1260-5

R.T.: 7.282 min
Delta R.T.: -0.004 min
Response: 612740
Conc: 3.88 ng/ml



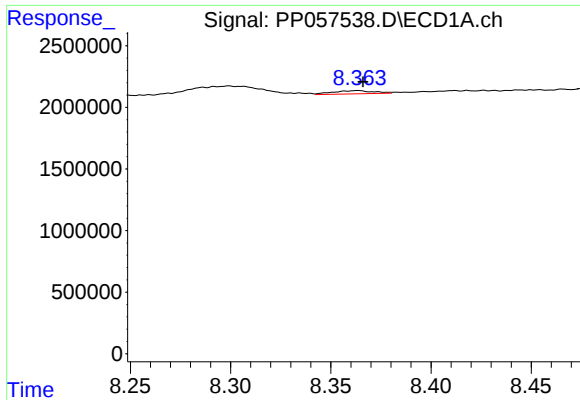
#36 AR-1262-1

R.T.: 7.798 min
Delta R.T.: -0.017 min
Response: 445449
Conc: 6.34 ng/ml



#36 AR-1262-1

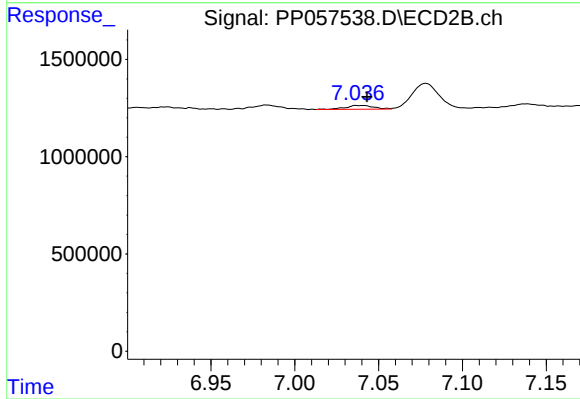
R.T.: 6.857 min
Delta R.T.: 0.022 min
Response: 185029
Conc: 3.38 ng/ml



#37 AR-1262-2

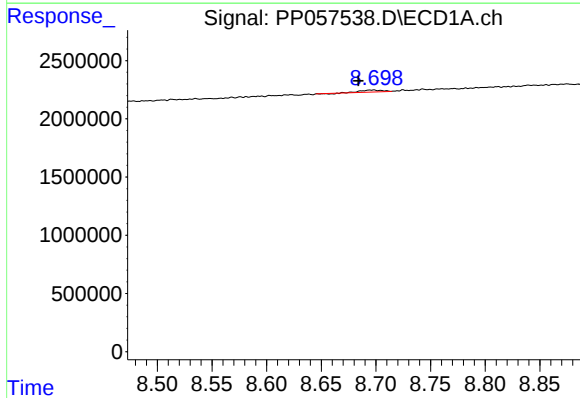
R.T.: 8.363 min
Delta R.T.: -0.003 min
Response: 373125
Conc: 3.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



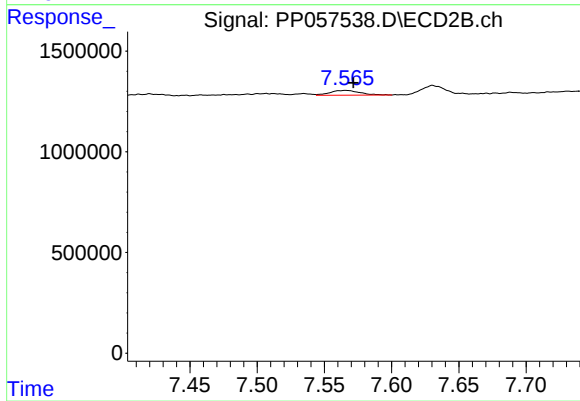
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: -0.006 min
Response: 226969
Conc: 2.07 ng/ml



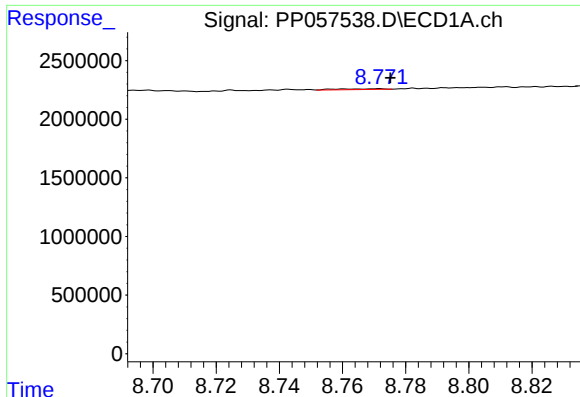
#38 AR-1262-3

R.T.: 8.698 min
Delta R.T.: 0.014 min
Response: 200742
Conc: 2.79 ng/ml



#38 AR-1262-3

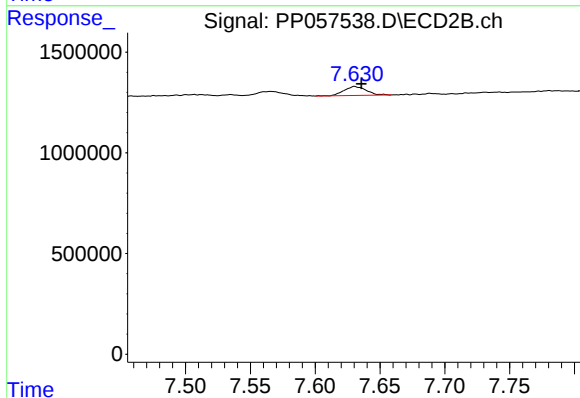
R.T.: 7.566 min
Delta R.T.: -0.006 min
Response: 360721
Conc: 4.31 ng/ml



#39 AR-1262-4

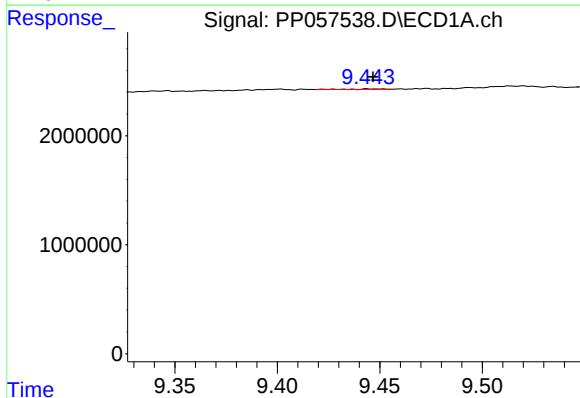
R.T.: 8.772 min
Delta R.T.: -0.004 min
Response: 72063
Conc: 1.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



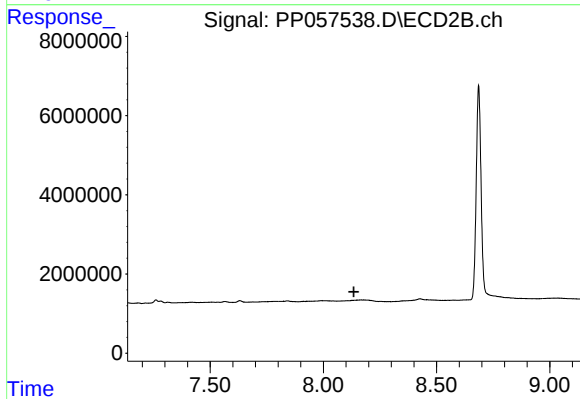
#39 AR-1262-4

R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 537173
Conc: 3.58 ng/ml



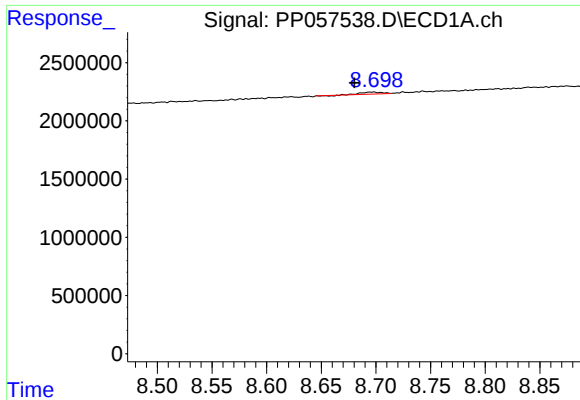
#40 AR-1262-5

R.T.: 9.444 min
Delta R.T.: -0.003 min
Response: 46102
Conc: 1.37 ng/ml



#40 AR-1262-5

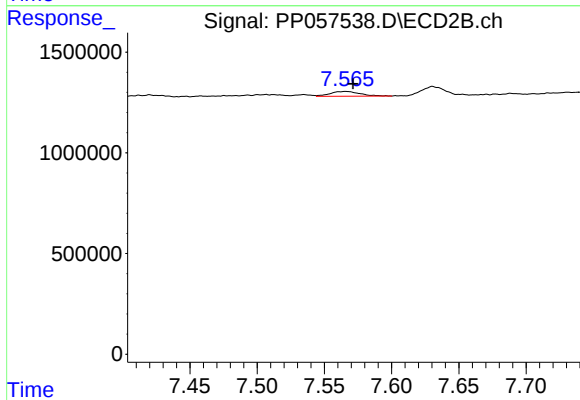
R.T.: 0.000 min
Exp R.T. : 8.135 min
Response: 0
Conc: N.D.



#41 AR-1268-1

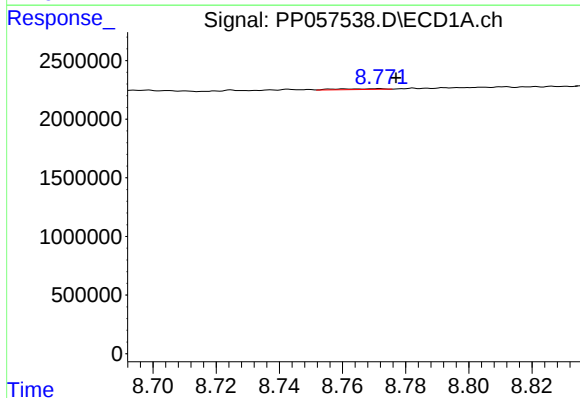
R.T.: 8.698 min
Delta R.T.: 0.017 min
Response: 200742
Conc: 1.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



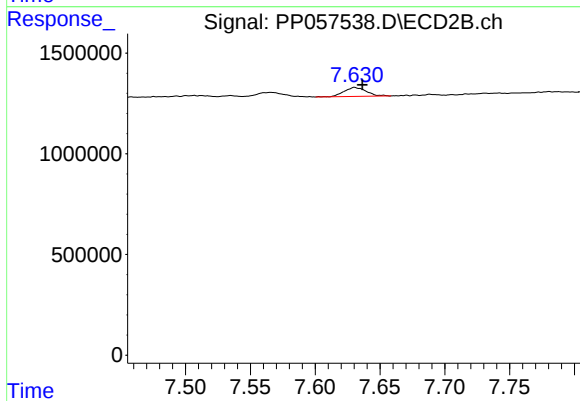
#41 AR-1268-1

R.T.: 7.566 min
Delta R.T.: -0.005 min
Response: 360721
Conc: 1.47 ng/ml



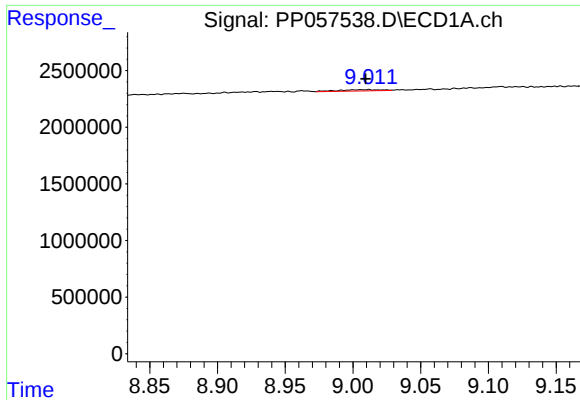
#42 AR-1268-2

R.T.: 8.772 min
Delta R.T.: -0.005 min
Response: 72063
Conc: 0.66 ng/ml



#42 AR-1268-2

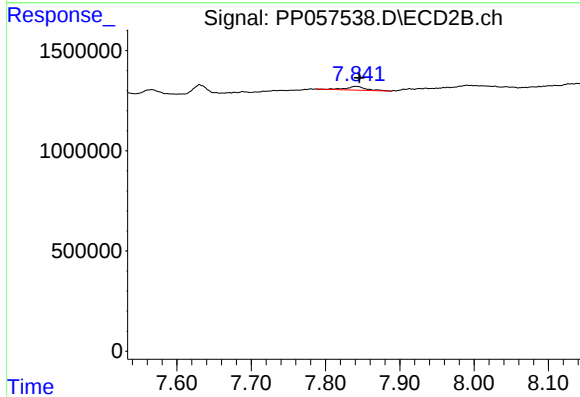
R.T.: 7.630 min
Delta R.T.: -0.006 min
Response: 537173
Conc: 2.46 ng/ml



#43 AR-1268-3

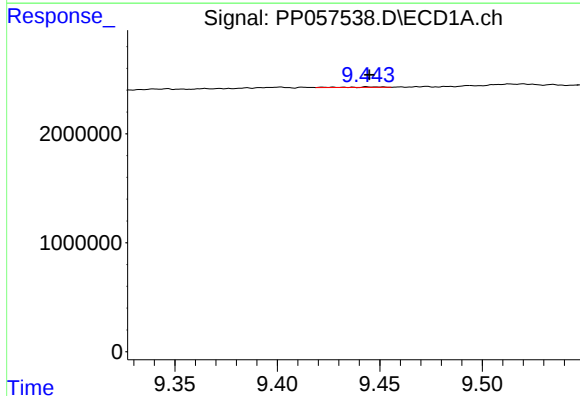
R.T.: 9.012 min
Delta R.T.: 0.002 min
Response: 240835
Conc: 2.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



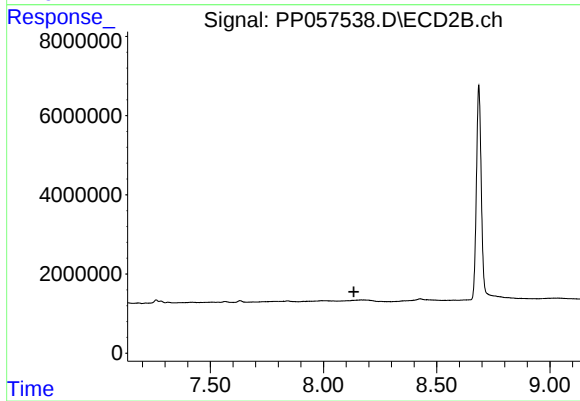
#43 AR-1268-3

R.T.: 7.841 min
Delta R.T.: -0.005 min
Response: 362408
Conc: 1.90 ng/ml



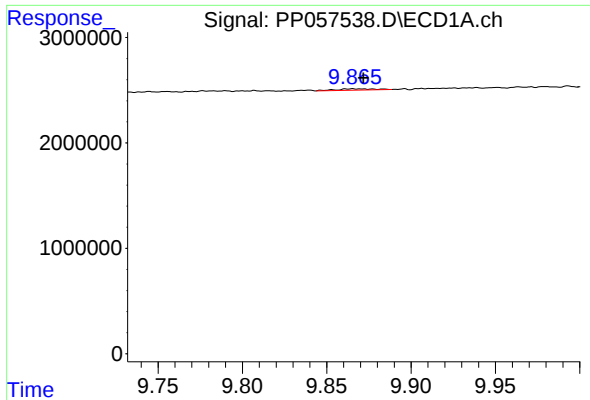
#44 AR-1268-4

R.T.: 9.444 min
Delta R.T.: -0.001 min
Response: 46102
Conc: 1.24 ng/ml



#44 AR-1268-4

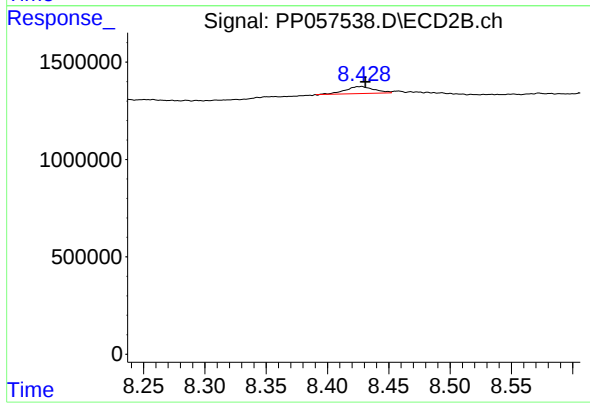
R.T.: 0.000 min
Exp R.T. : 8.134 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.866 min
Delta R.T.: -0.006 min
Response: 193466
Conc: 0.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.004 min
Response: 580296
Conc: 1.15 ng/ml