

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032824\
 Data File : PP063933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2024 02:48
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 03:19:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031924.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 19 06:23:02 2024
 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...	4.486	3.637	125.1E6	130.6E6	52.430	54.720
2) SA Decachlor...	10.357	8.671	134.2E6	129.7E6	52.866	47.974
Target Compounds						
3) L1 AR-1016-1	5.669	4.728	44612576	43583281	535.364	527.607
4) L1 AR-1016-2	5.692	4.746	65139111	63807305	538.528	550.408
5) L1 AR-1016-3	5.755	4.923	43539730	35320022	545.189	567.481
6) L1 AR-1016-4	5.854	4.966	34257565	28031701	547.303	511.500
7) L1 AR-1016-5	6.151	5.179	34815311	36945719	540.321	531.494
8) L2 AR-1221-1	4.692	3.851	4269255	3410168	156.833	137.151
9) L2 AR-1221-2	4.785	3.938	6667344	6593463	317.007	321.726
10) L2 AR-1221-3	4.862	4.015	23696212	23975355	392.274	385.793
11) L3 AR-1232-1	4.862	4.015	23696212	23975355	437.893	434.943
12) L3 AR-1232-2	5.398	4.746	35034154	63807305	1121.887	1240.986
13) L3 AR-1232-3	5.692	4.923	65139111	35320022	1204.446	1273.459
14) L3 AR-1232-4	5.854	5.008	34257565	35944750	1231.679	1310.261
15) L3 AR-1232-5	5.946	5.179	31790812	36945719	1361.355	1252.104
16) L4 AR-1242-1	5.669	4.728	44612576	43583281	739.632	739.328
17) L4 AR-1242-2	5.692	4.746	65139111	63807305	758.560	779.693
18) L4 AR-1242-3	5.755	4.923	43539730	35320022	774.631	786.949
19) L4 AR-1242-4	5.854	5.008	34257565	35944750	761.365	724.199
20) L4 AR-1242-5	6.598	5.534	5675665	30854330	126.734	528.703 #
21) L5 AR-1248-1	5.669	4.728	44612576	43583281	954.929	978.476
22) L5 AR-1248-2	5.946	4.966	31790812	28031701	438.023	394.959
23) L5 AR-1248-3	6.151	5.008	34815311	35944750	431.180	485.738
24) L5 AR-1248-4	0.000	5.179	0	36945719	N.D.	426.664 #
25) L5 AR-1248-5	6.598	5.574	5675665	4824466	69.592	64.260
26) L6 AR-1254-1	6.533	5.534	33924062	30854330	373.130	249.686 #
27) L6 AR-1254-2	6.752	5.682	29638082	31147922	216.192	271.370 #
28) L6 AR-1254-3	7.122	6.103	17326526	51293434	123.809	285.059 #
29) L6 AR-1254-4	7.410	6.316	10295055	5370709	112.998	58.282 #
30) L6 AR-1254-5	7.830	6.736	107.0E6	97782881	909.744	585.804 #
31) L7 AR-1260-1	7.288	6.218	69094117	75243934	547.054	526.520
32) L7 AR-1260-2	7.547	6.406	76626139	87445221	536.746	517.292
33) L7 AR-1260-3	7.909	6.560	54718161	82353175	545.136	512.377
34) L7 AR-1260-4	8.138	7.035	65462451	59686200	544.153	489.675
35) L7 AR-1260-5	8.467	7.277	115.6E6	133.9E6	556.827	501.799
36) L8 AR-1262-1	7.967	6.828	33035142	35032618	564.745	518.850
37) L8 AR-1262-2	8.467	7.035	115.6E6	59686200	561.403	373.474 #
38) L8 AR-1262-3	8.804	7.563	74624705	27082815	449.922	209.558 #
39) L8 AR-1262-4	8.864f	7.626	43339576	97230906	326.435	454.906 #
40) L8 AR-1262-5	9.566	8.123	28962506	25372126	347.421	296.110
41) L9 AR-1268-1	8.804	7.563	74624705	27082815	239.444	72.637 #

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 Sample : AR1660CCC500
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 03:19:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031924.M
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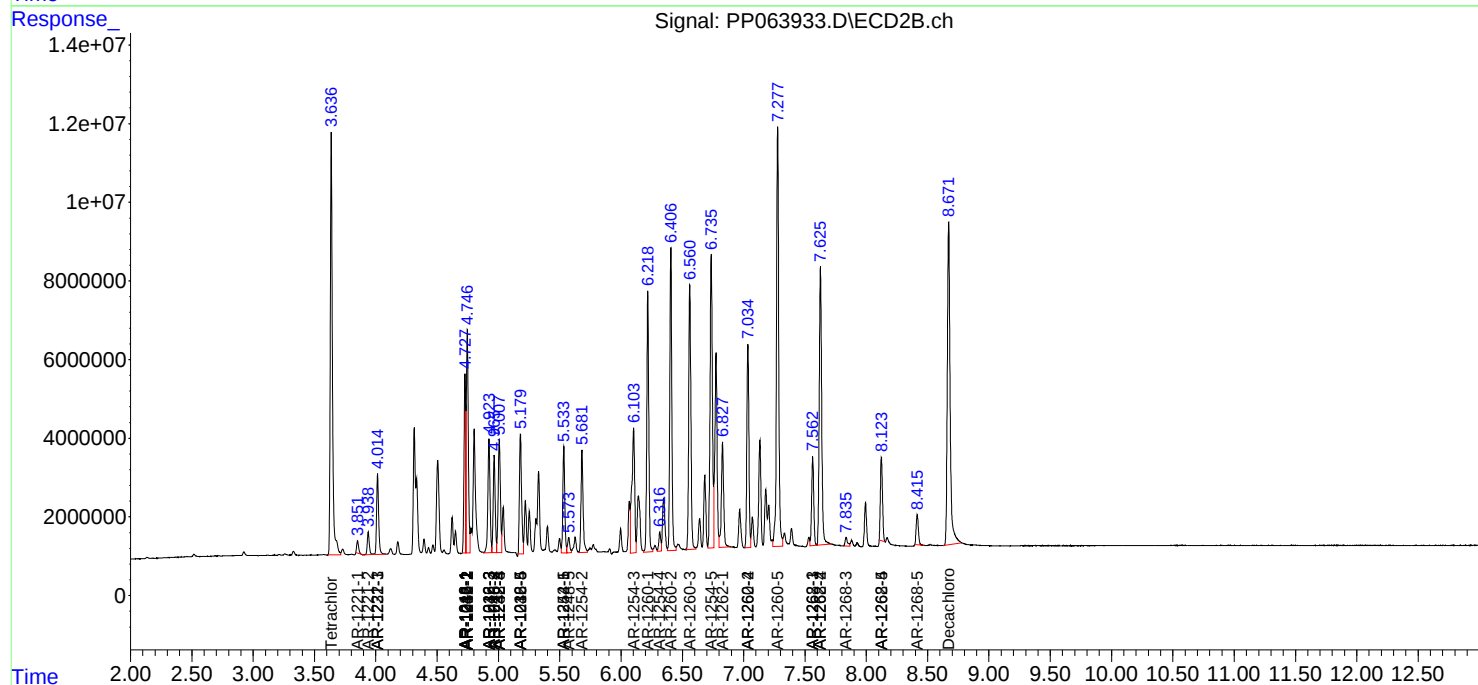
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

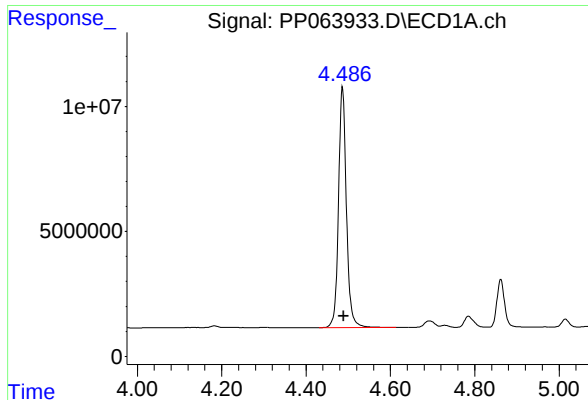
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.864f	7.626	43339576	97230906	153.068	282.886 #
43) L9	AR-1268-3	9.125	7.835	2347442	3079441	9.376	10.250
44) L9	AR-1268-4	9.566	8.123	28962506	25372126	279.939	230.707
45) L9	AR-1268-5	10.001	8.415	11791759	9705994	14.915	11.708

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

Instrument :
ECD_P
ClientSampleId :

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

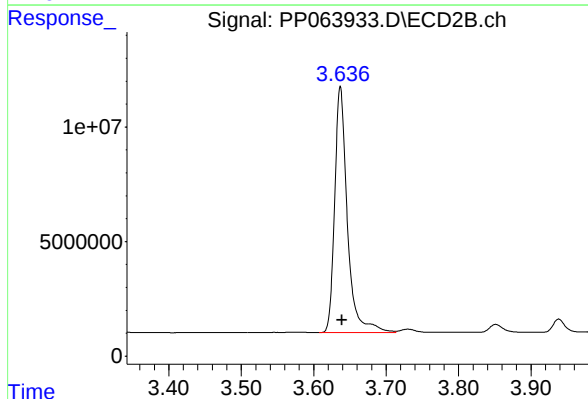




#1 Tetrachloro-m-xylene

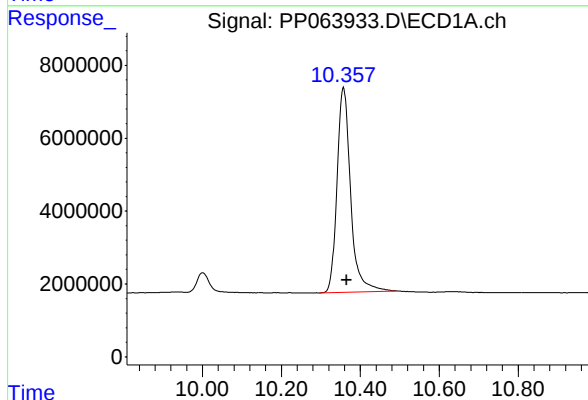
R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 125105335
Conc: 52.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



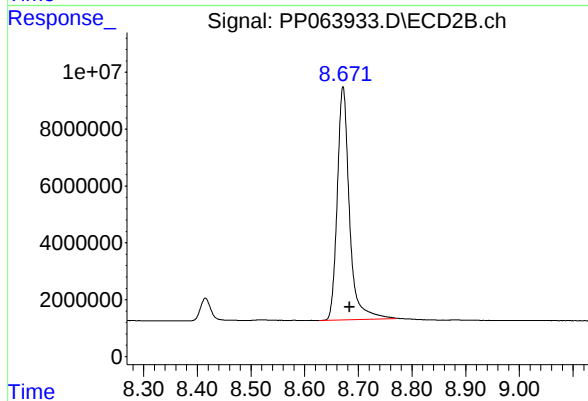
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: -0.002 min
Response: 130644632
Conc: 54.72 ng/ml



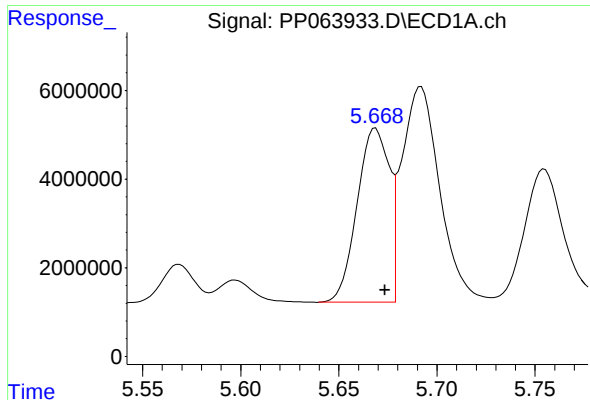
#2 Decachlorobiphenyl

R.T.: 10.357 min
Delta R.T.: -0.008 min
Response: 134226978
Conc: 52.87 ng/ml



#2 Decachlorobiphenyl

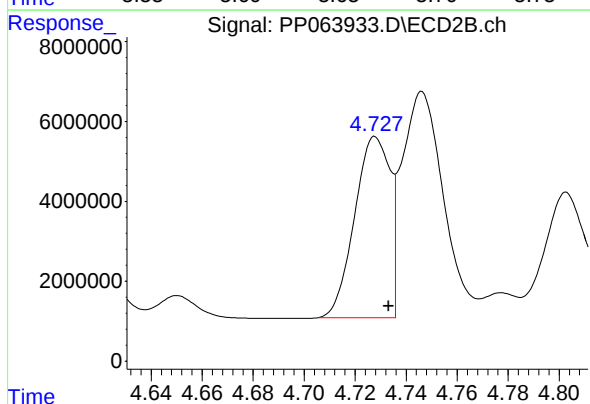
R.T.: 8.671 min
Delta R.T.: -0.012 min
Response: 129650064
Conc: 47.97 ng/ml



#3 AR-1016-1

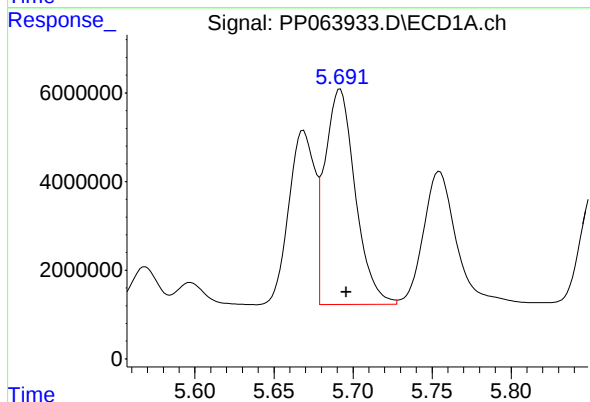
R.T.: 5.669 min
Delta R.T.: -0.005 min
Response: 44612576
Conc: 535.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



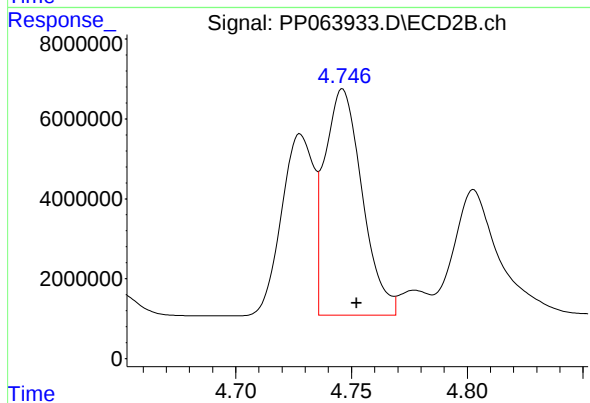
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 43583281
Conc: 527.61 ng/ml



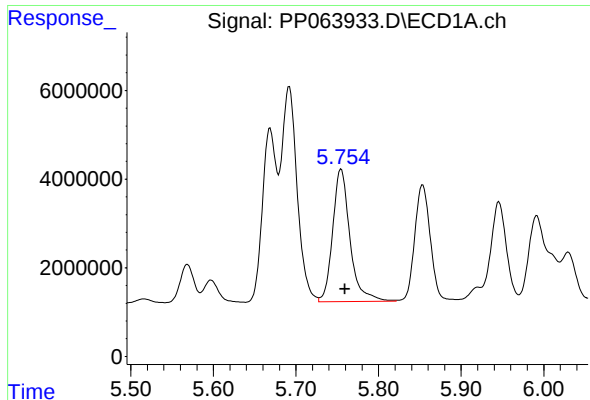
#4 AR-1016-2

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 65139111
Conc: 538.53 ng/ml



#4 AR-1016-2

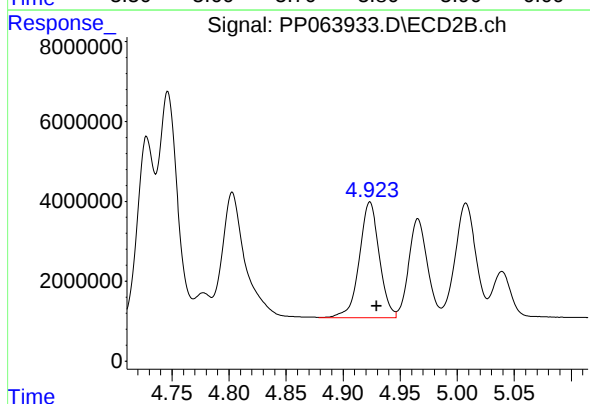
R.T.: 4.746 min
Delta R.T.: -0.006 min
Response: 63807305
Conc: 550.41 ng/ml



#5 AR-1016-3

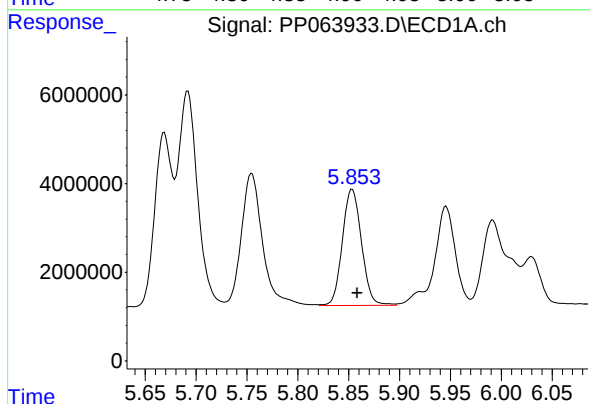
R.T.: 5.755 min
Delta R.T.: -0.005 min
Response: 43539730
Conc: 545.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



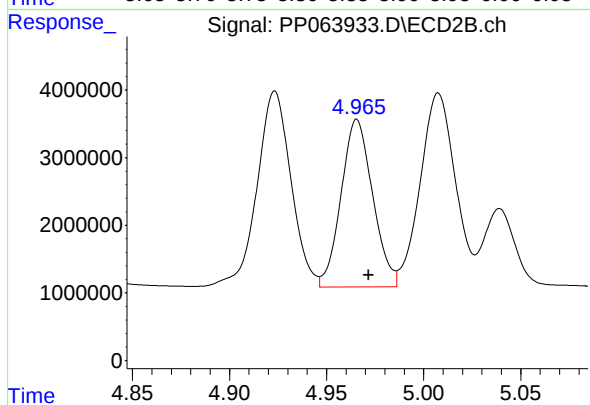
#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: -0.006 min
Response: 35320022
Conc: 567.48 ng/ml



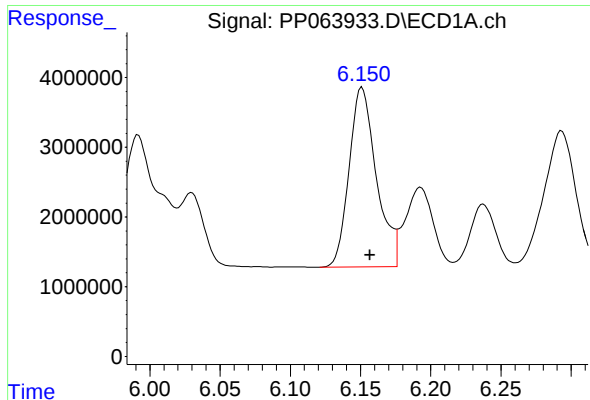
#6 AR-1016-4

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 34257565
Conc: 547.30 ng/ml



#6 AR-1016-4

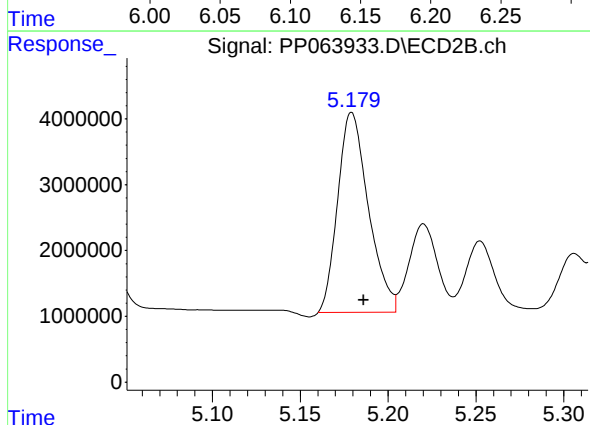
R.T.: 4.966 min
Delta R.T.: -0.006 min
Response: 28031701
Conc: 511.50 ng/ml



#7 AR-1016-5

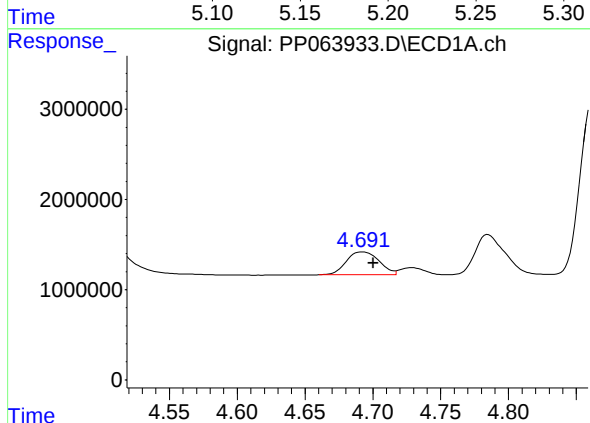
R.T.: 6.151 min
Delta R.T.: -0.006 min
Response: 34815311
Conc: 540.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



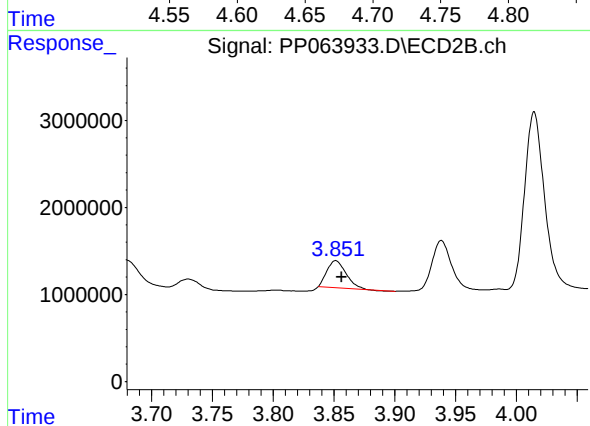
#7 AR-1016-5

R.T.: 5.179 min
Delta R.T.: -0.007 min
Response: 36945719
Conc: 531.49 ng/ml



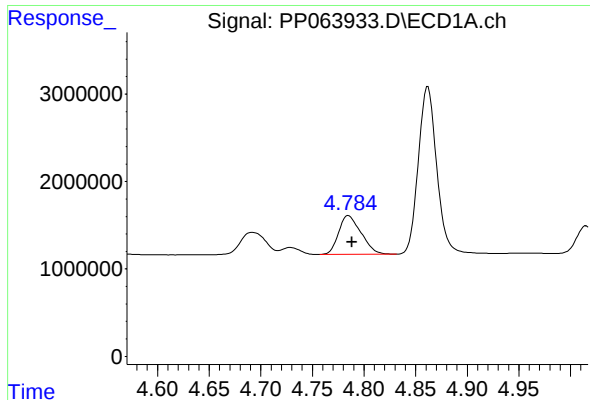
#8 AR-1221-1

R.T.: 4.692 min
Delta R.T.: -0.008 min
Response: 4269255
Conc: 156.83 ng/ml



#8 AR-1221-1

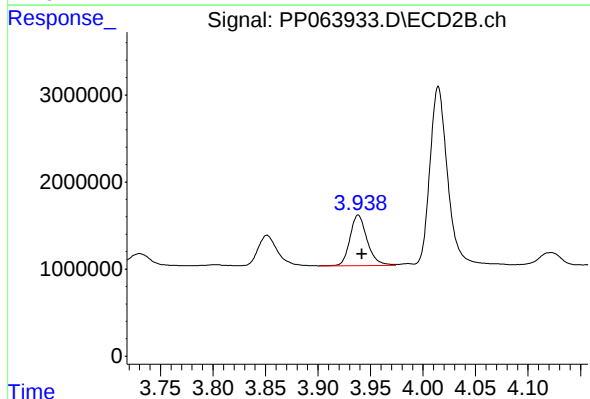
R.T.: 3.851 min
Delta R.T.: -0.005 min
Response: 3410168
Conc: 137.15 ng/ml



#9 AR-1221-2

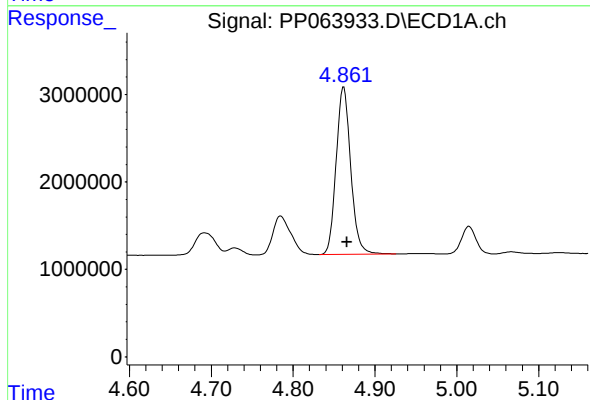
R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 6667344
Conc: 317.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



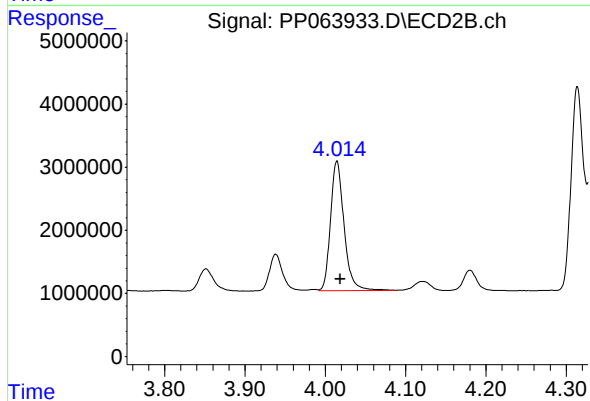
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 6593463
Conc: 321.73 ng/ml



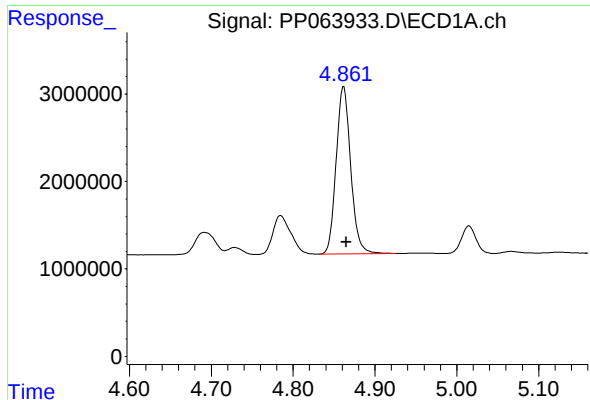
#10 AR-1221-3

R.T.: 4.862 min
Delta R.T.: -0.004 min
Response: 23696212
Conc: 392.27 ng/ml



#10 AR-1221-3

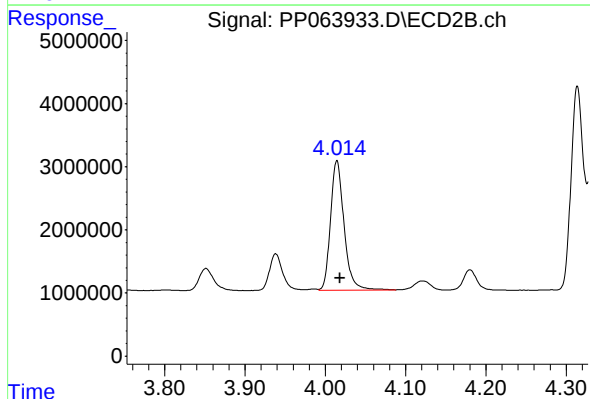
R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 23975355
Conc: 385.79 ng/ml



#11 AR-1232-1

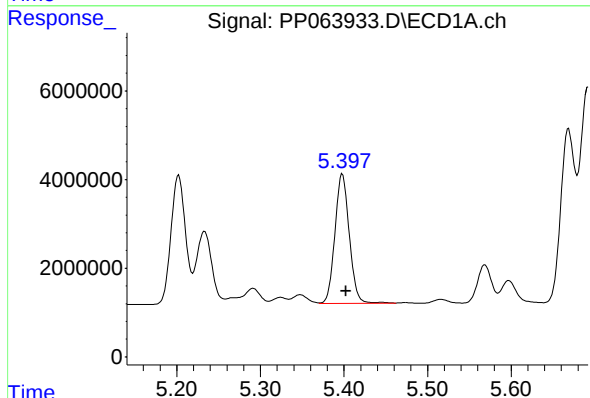
R.T.: 4.862 min
Delta R.T.: -0.003 min
Response: 23696212
Conc: 437.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



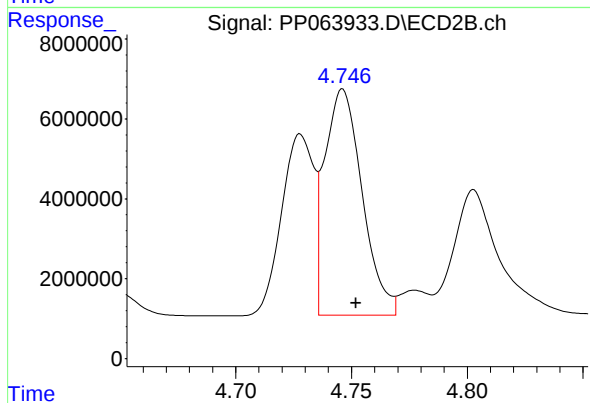
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 23975355
Conc: 434.94 ng/ml



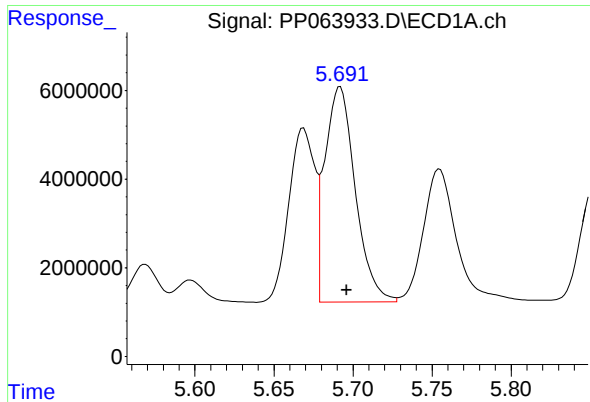
#12 AR-1232-2

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 35034154
Conc: 1121.89 ng/ml



#12 AR-1232-2

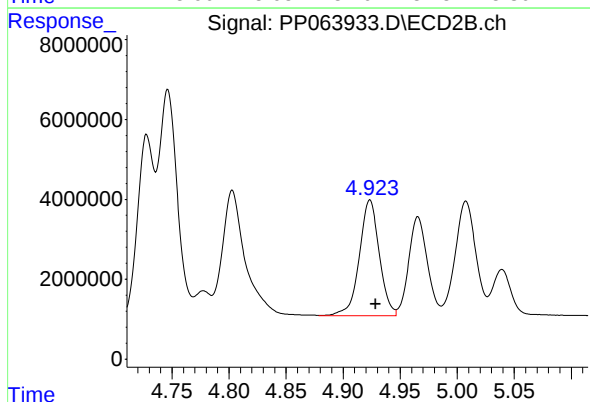
R.T.: 4.746 min
Delta R.T.: -0.006 min
Response: 63807305
Conc: 1240.99 ng/ml



#13 AR-1232-3

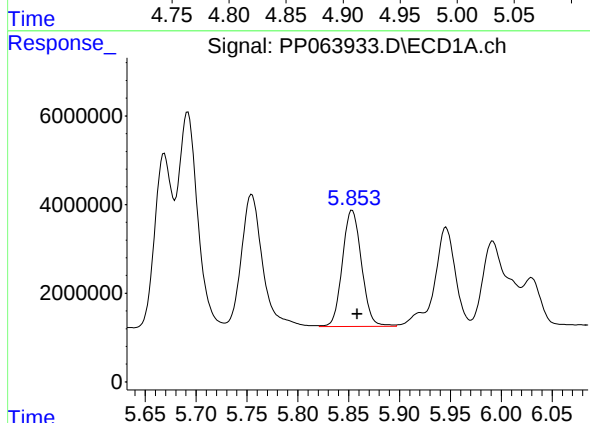
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 65139111
Conc: 1204.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



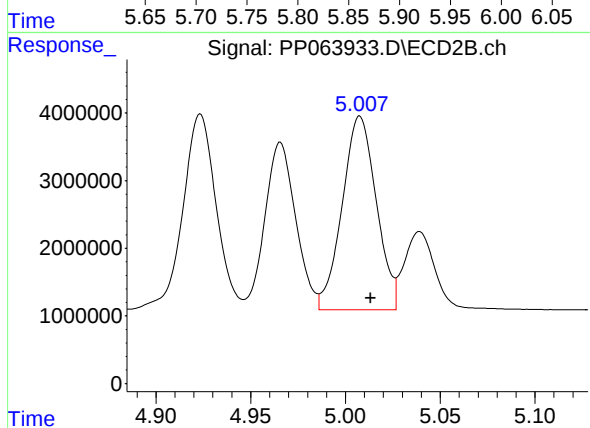
#13 AR-1232-3

R.T.: 4.923 min
Delta R.T.: -0.005 min
Response: 35320022
Conc: 1273.46 ng/ml



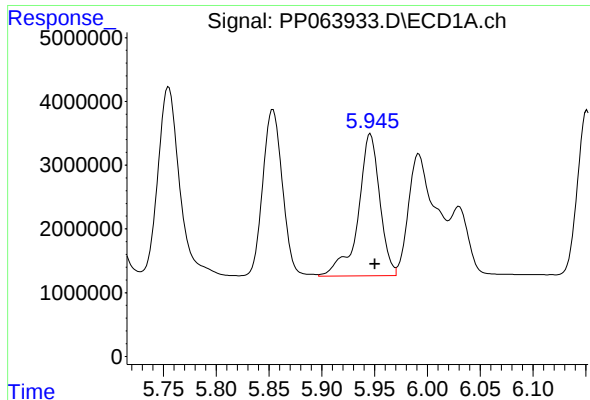
#14 AR-1232-4

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 34257565
Conc: 1231.68 ng/ml



#14 AR-1232-4

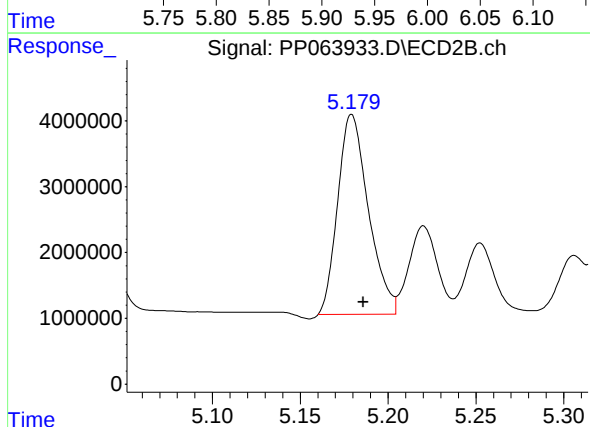
R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 35944750
Conc: 1310.26 ng/ml



#15 AR-1232-5

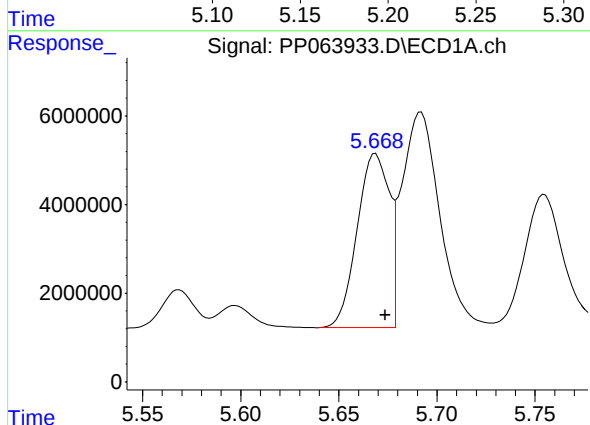
R.T.: 5.946 min
Delta R.T.: -0.004 min
Response: 31790812
Conc: 1361.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



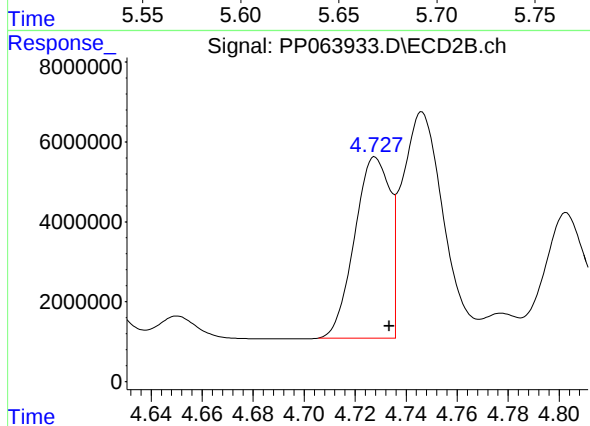
#15 AR-1232-5

R.T.: 5.179 min
Delta R.T.: -0.007 min
Response: 36945719
Conc: 1252.10 ng/ml



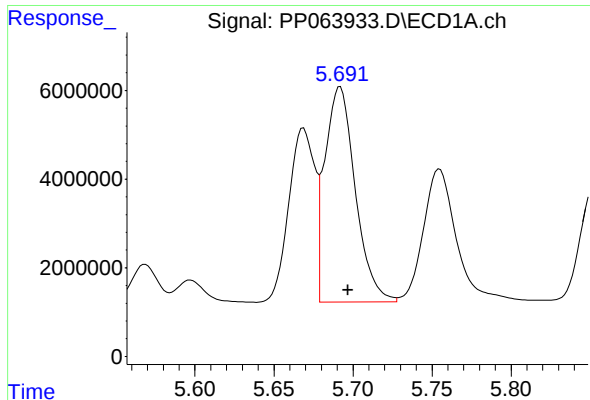
#16 AR-1242-1

R.T.: 5.669 min
Delta R.T.: -0.005 min
Response: 44612576
Conc: 739.63 ng/ml



#16 AR-1242-1

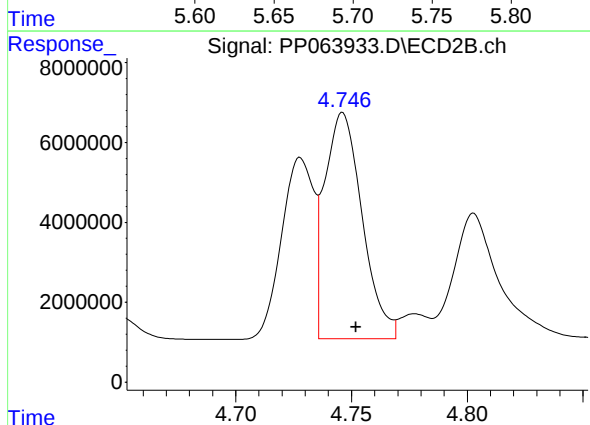
R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 43583281
Conc: 739.33 ng/ml



#17 AR-1242-2

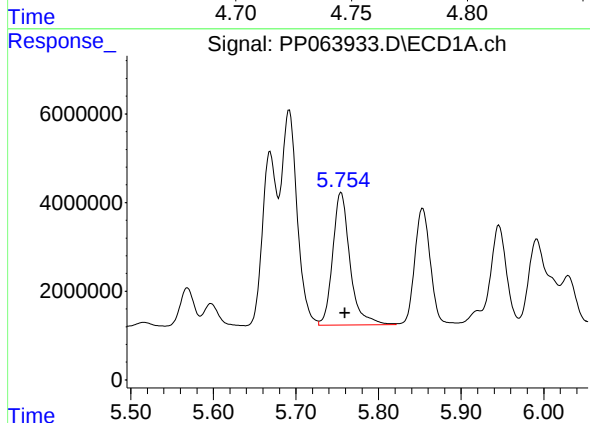
R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 65139111
Conc: 758.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



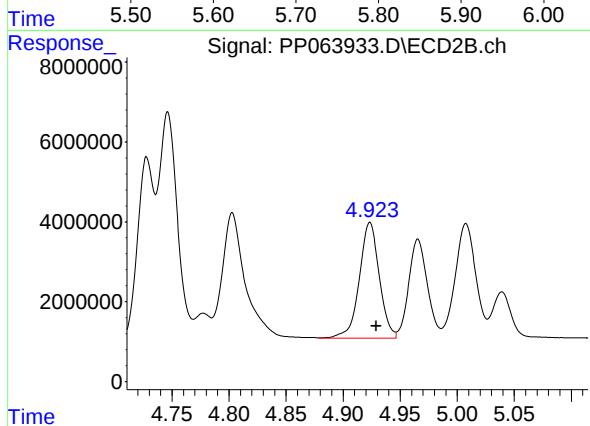
#17 AR-1242-2

R.T.: 4.746 min
Delta R.T.: -0.006 min
Response: 63807305
Conc: 779.69 ng/ml



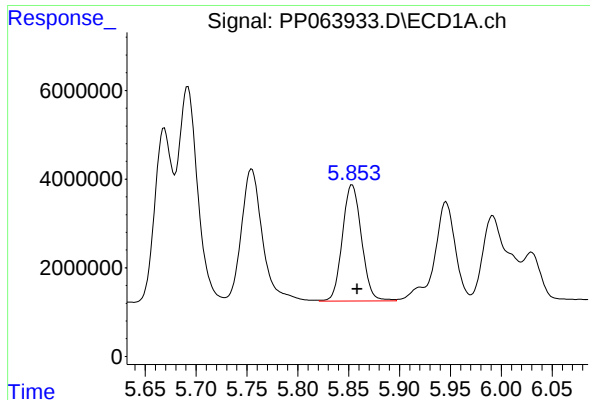
#18 AR-1242-3

R.T.: 5.755 min
Delta R.T.: -0.005 min
Response: 43539730
Conc: 774.63 ng/ml



#18 AR-1242-3

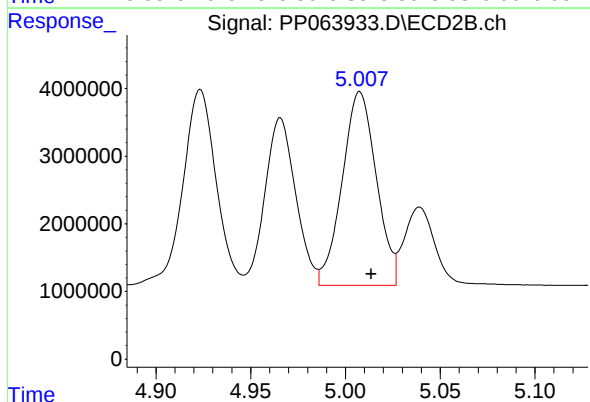
R.T.: 4.923 min
Delta R.T.: -0.006 min
Response: 35320022
Conc: 786.95 ng/ml



#19 AR-1242-4

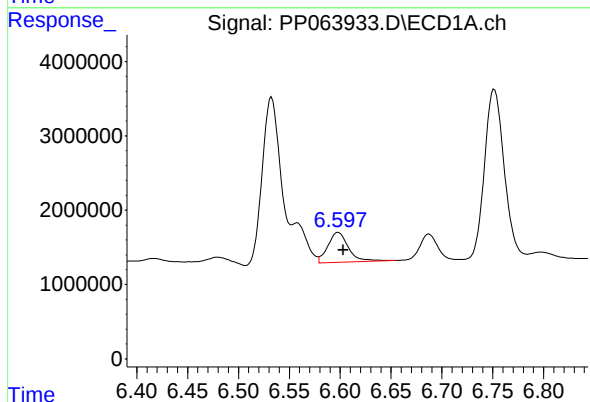
R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 34257565
Conc: 761.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



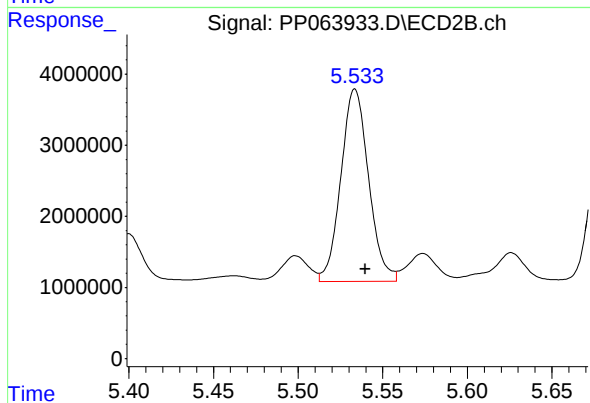
#19 AR-1242-4

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 35944750
Conc: 724.20 ng/ml



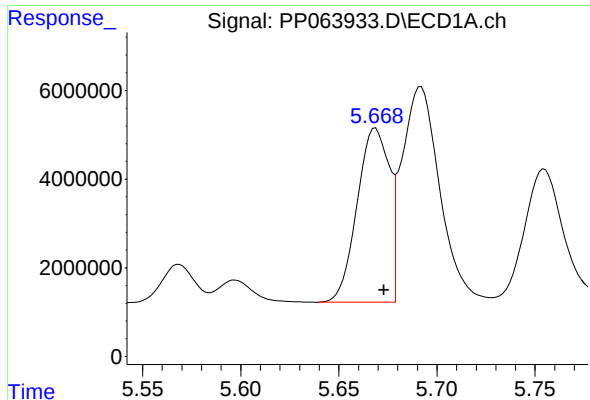
#20 AR-1242-5

R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 5675665
Conc: 126.73 ng/ml



#20 AR-1242-5

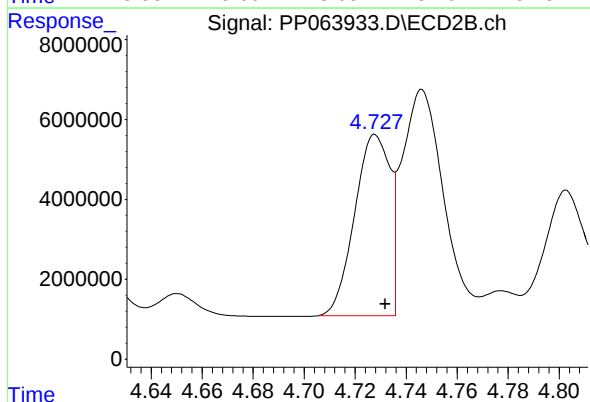
R.T.: 5.534 min
Delta R.T.: -0.006 min
Response: 30854330
Conc: 528.70 ng/ml



#21 AR-1248-1

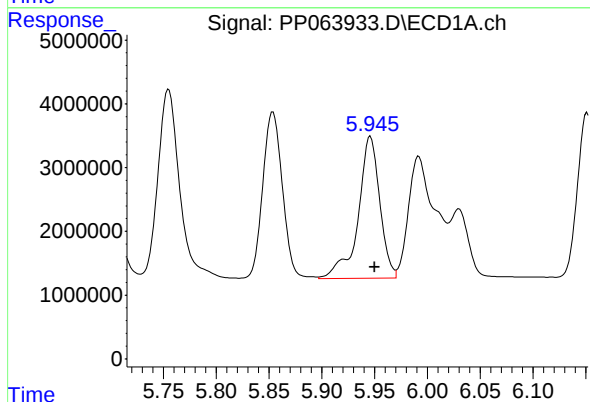
R.T.: 5.669 min
Delta R.T.: -0.004 min
Response: 44612576
Conc: 954.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



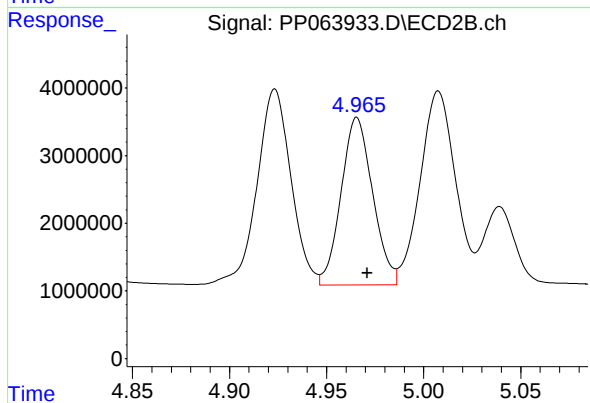
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 43583281
Conc: 978.48 ng/ml



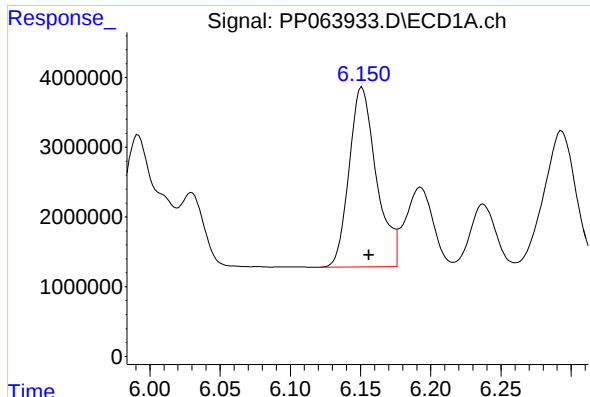
#22 AR-1248-2

R.T.: 5.946 min
Delta R.T.: -0.004 min
Response: 31790812
Conc: 438.02 ng/ml



#22 AR-1248-2

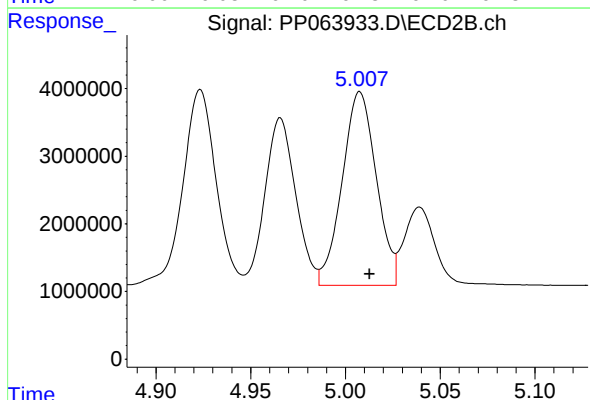
R.T.: 4.966 min
Delta R.T.: -0.005 min
Response: 28031701
Conc: 394.96 ng/ml



#23 AR-1248-3

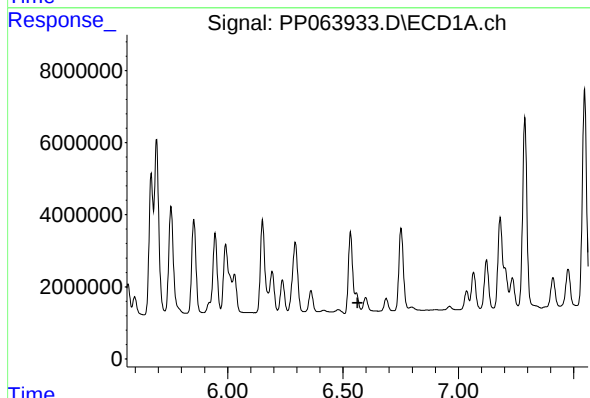
R.T.: 6.151 min
Delta R.T.: -0.005 min
Response: 34815311
Conc: 431.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



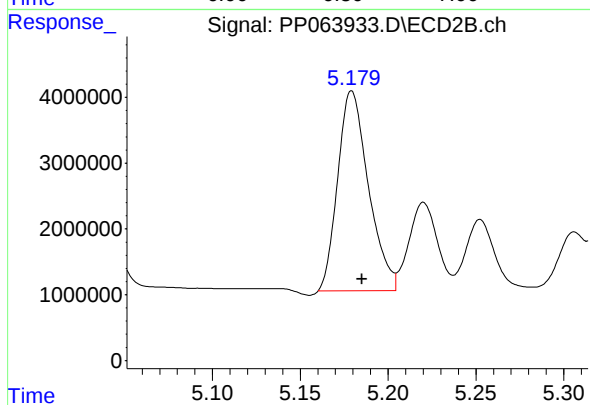
#23 AR-1248-3

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 35944750
Conc: 485.74 ng/ml



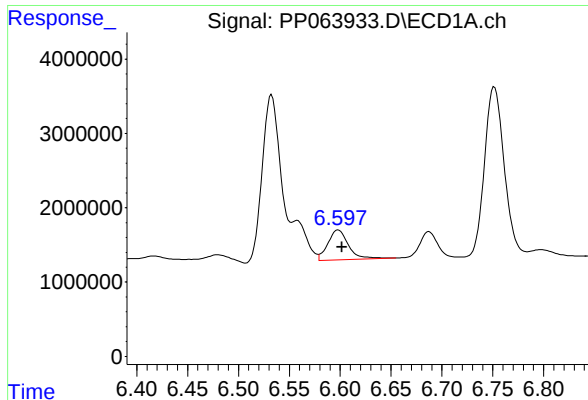
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.563 min
Response: 0
Conc: N.D.



#24 AR-1248-4

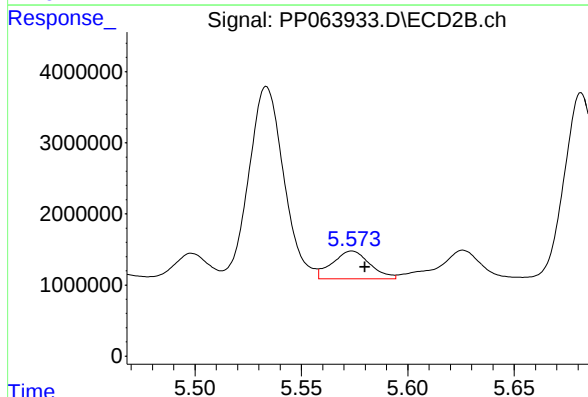
R.T.: 5.179 min
Delta R.T.: -0.006 min
Response: 36945719
Conc: 426.66 ng/ml



#25 AR-1248-5

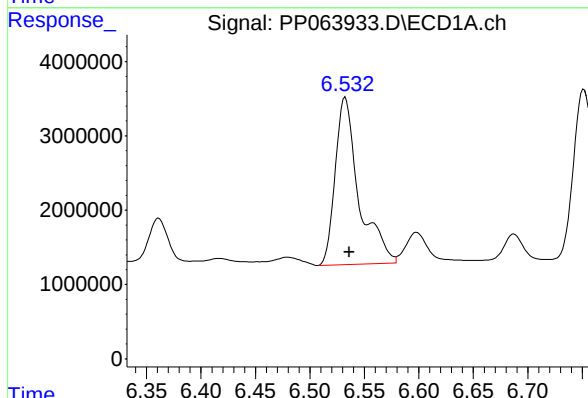
R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 5675665
Conc: 69.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



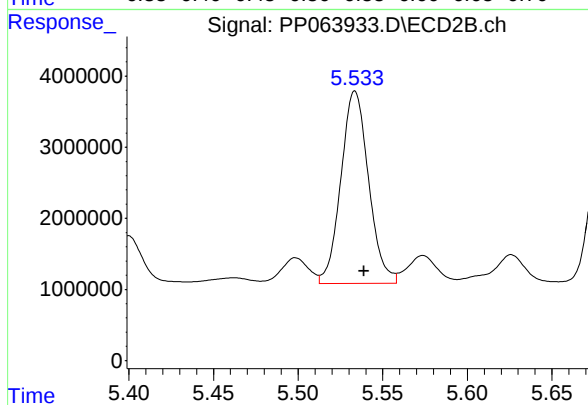
#25 AR-1248-5

R.T.: 5.574 min
Delta R.T.: -0.006 min
Response: 4824466
Conc: 64.26 ng/ml



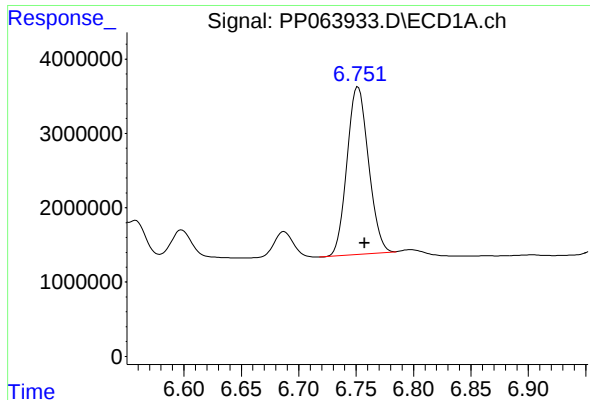
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: -0.004 min
Response: 33924062
Conc: 373.13 ng/ml



#26 AR-1254-1

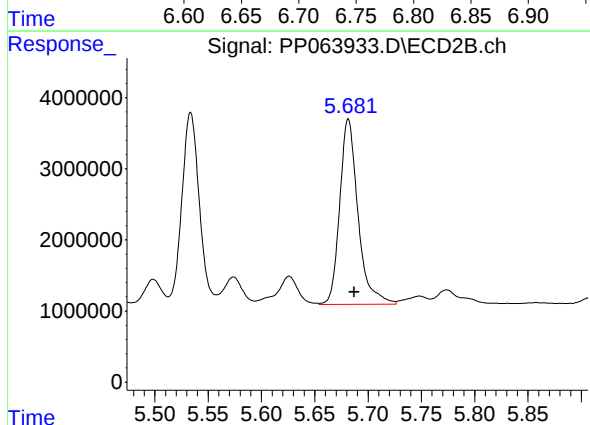
R.T.: 5.534 min
Delta R.T.: -0.005 min
Response: 30854330
Conc: 249.69 ng/ml



#27 AR-1254-2

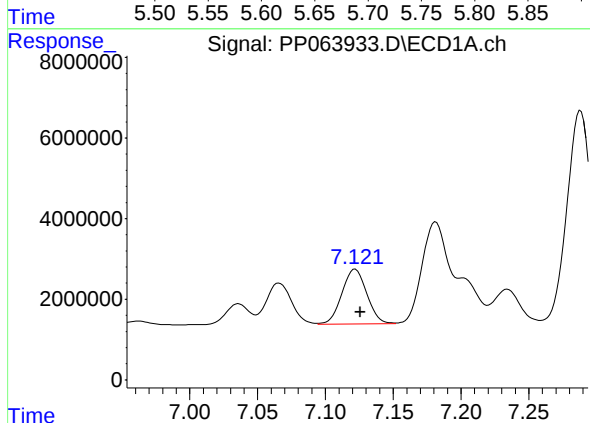
R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 29638082
Conc: 216.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



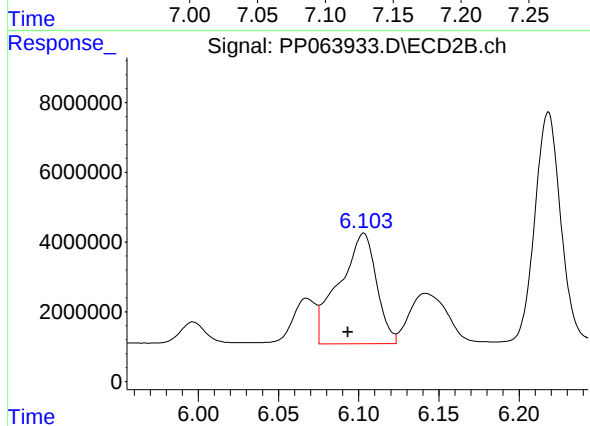
#27 AR-1254-2

R.T.: 5.682 min
Delta R.T.: -0.006 min
Response: 31147922
Conc: 271.37 ng/ml



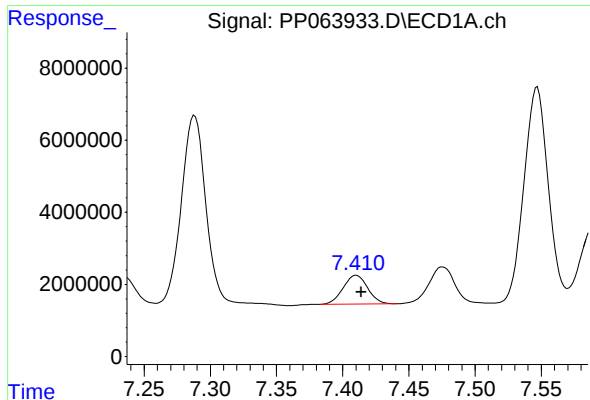
#28 AR-1254-3

R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 17326526
Conc: 123.81 ng/ml



#28 AR-1254-3

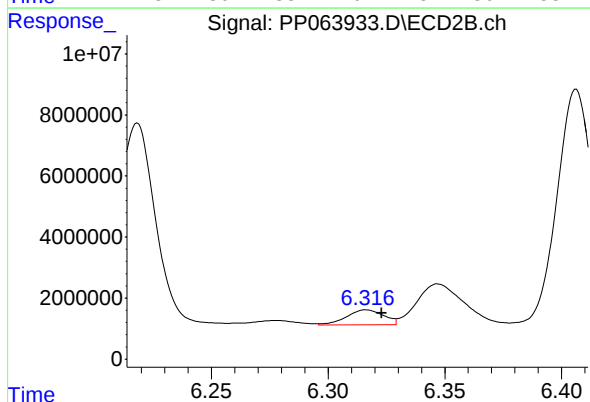
R.T.: 6.103 min
Delta R.T.: 0.010 min
Response: 51293434
Conc: 285.06 ng/ml



#29 AR-1254-4

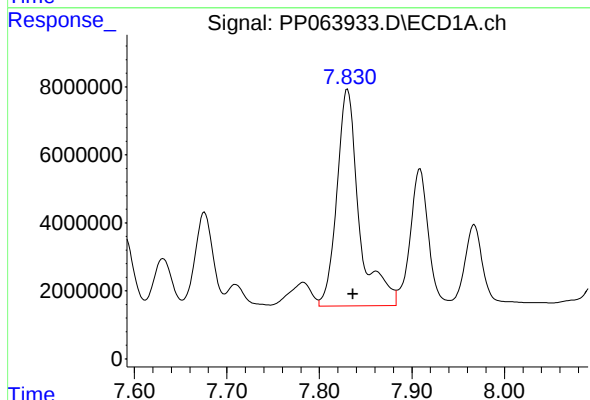
R.T.: 7.410 min
Delta R.T.: -0.004 min
Response: 10295055
Conc: 113.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



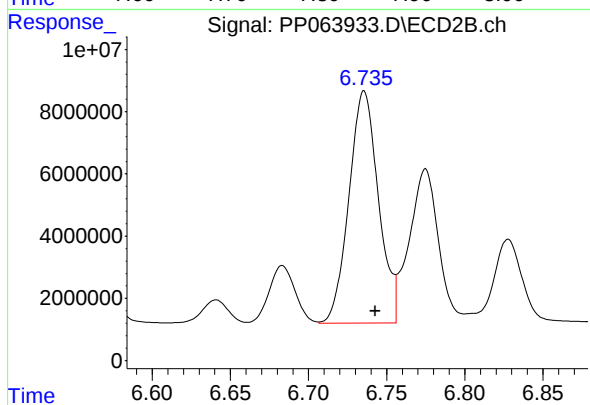
#29 AR-1254-4

R.T.: 6.316 min
Delta R.T.: -0.006 min
Response: 5370709
Conc: 58.28 ng/ml



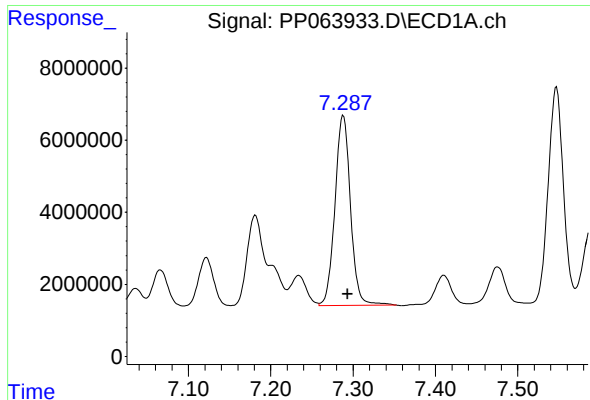
#30 AR-1254-5

R.T.: 7.830 min
Delta R.T.: -0.006 min
Response: 106965013
Conc: 909.74 ng/ml



#30 AR-1254-5

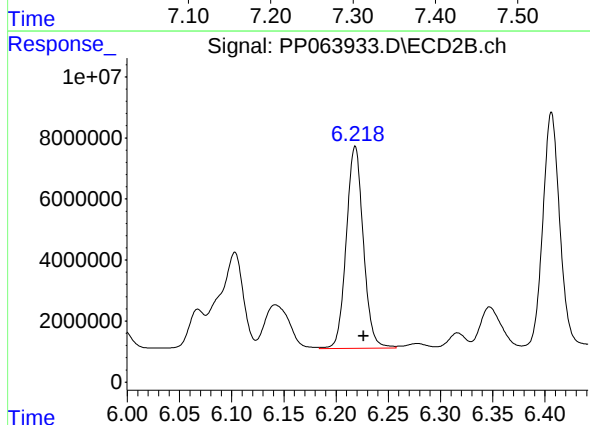
R.T.: 6.736 min
Delta R.T.: -0.007 min
Response: 97782881
Conc: 585.80 ng/ml



#31 AR-1260-1

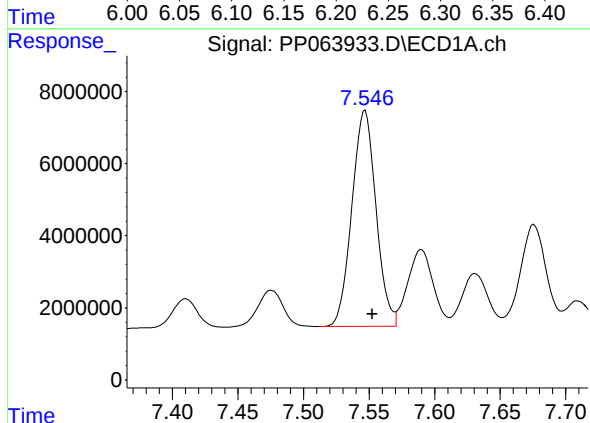
R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 69094117
Conc: 547.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



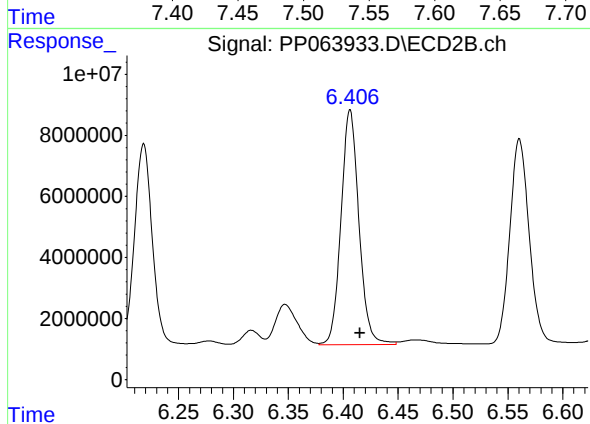
#31 AR-1260-1

R.T.: 6.218 min
Delta R.T.: -0.008 min
Response: 75243934
Conc: 526.52 ng/ml



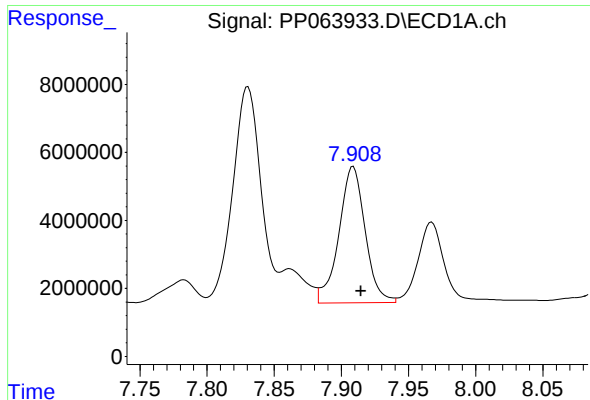
#32 AR-1260-2

R.T.: 7.547 min
Delta R.T.: -0.006 min
Response: 76626139
Conc: 536.75 ng/ml



#32 AR-1260-2

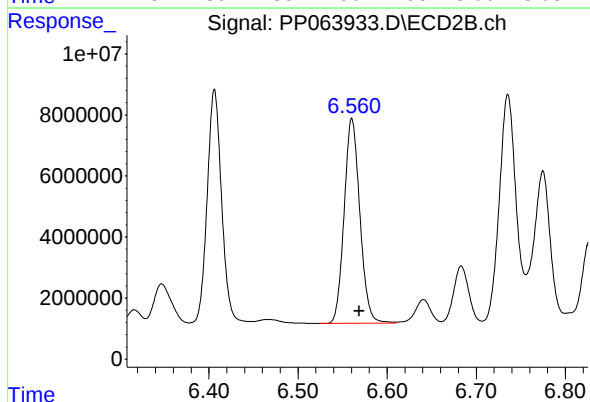
R.T.: 6.406 min
Delta R.T.: -0.009 min
Response: 87445221
Conc: 517.29 ng/ml



#33 AR-1260-3

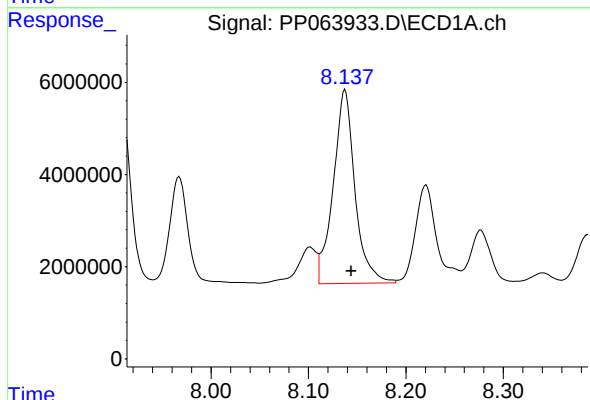
R.T.: 7.909 min
Delta R.T.: -0.006 min
Response: 54718161
Conc: 545.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



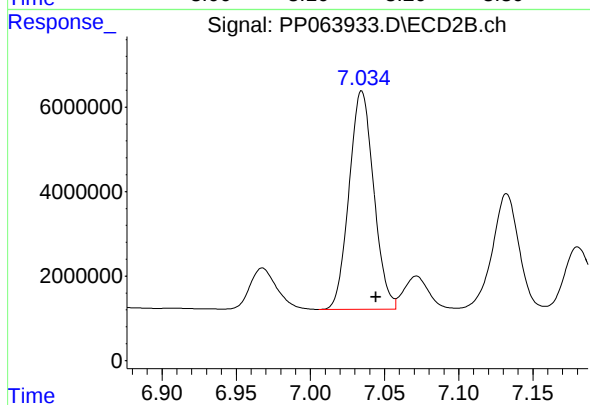
#33 AR-1260-3

R.T.: 6.560 min
Delta R.T.: -0.008 min
Response: 82353175
Conc: 512.38 ng/ml



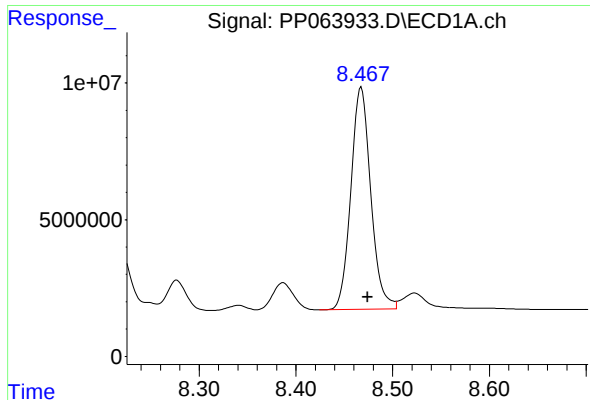
#34 AR-1260-4

R.T.: 8.138 min
Delta R.T.: -0.006 min
Response: 65462451
Conc: 544.15 ng/ml



#34 AR-1260-4

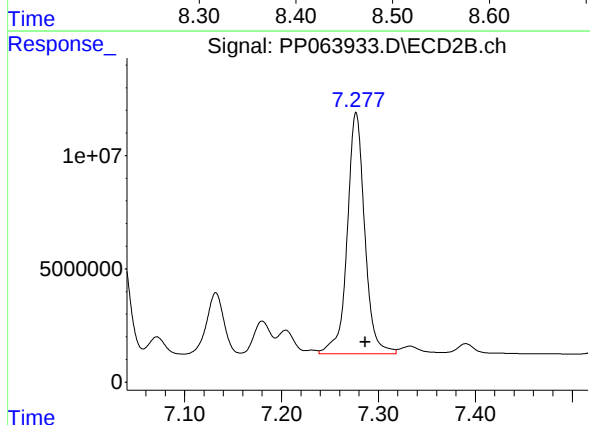
R.T.: 7.035 min
Delta R.T.: -0.010 min
Response: 59686200
Conc: 489.68 ng/ml



#35 AR-1260-5

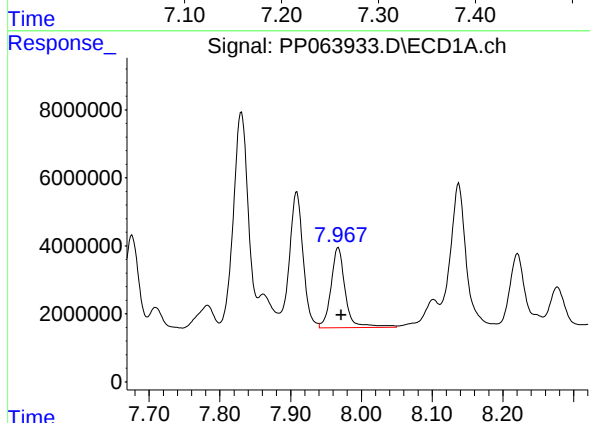
R.T.: 8.467 min
Delta R.T.: -0.007 min
Response: 115590443
Conc: 556.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



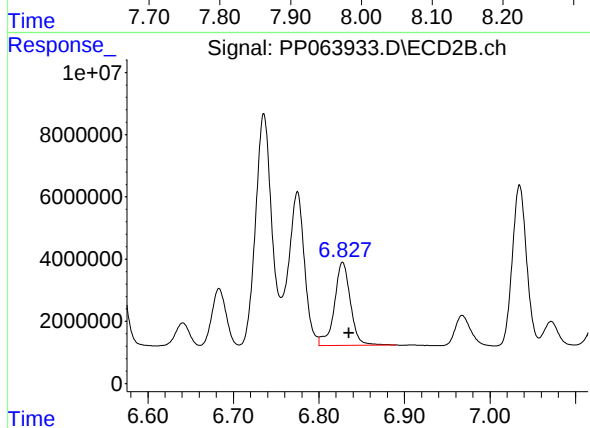
#35 AR-1260-5

R.T.: 7.277 min
Delta R.T.: -0.009 min
Response: 133881121
Conc: 501.80 ng/ml



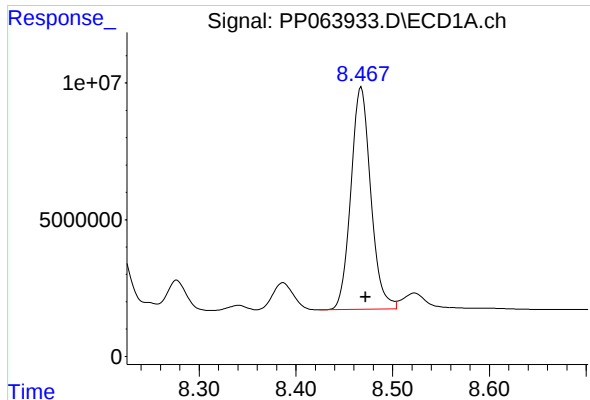
#36 AR-1262-1

R.T.: 7.967 min
Delta R.T.: -0.005 min
Response: 33035142
Conc: 564.75 ng/ml



#36 AR-1262-1

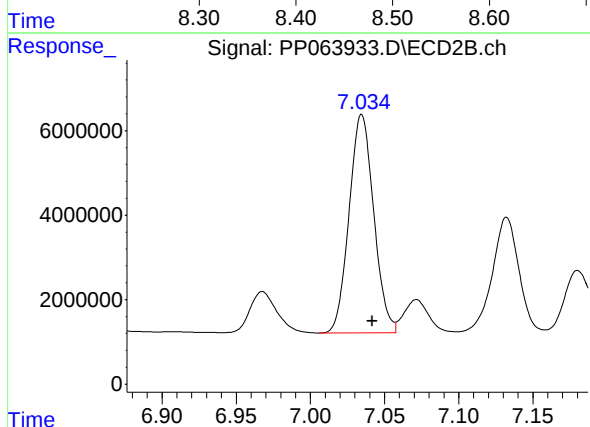
R.T.: 6.828 min
Delta R.T.: -0.007 min
Response: 35032618
Conc: 518.85 ng/ml



#37 AR-1262-2

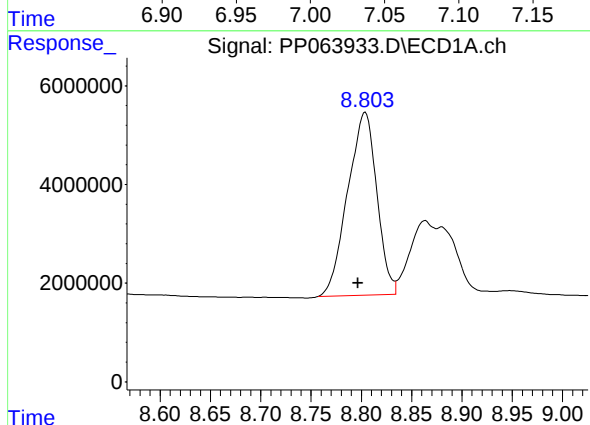
R.T.: 8.467 min
Delta R.T.: -0.005 min
Response: 115590443
Conc: 561.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



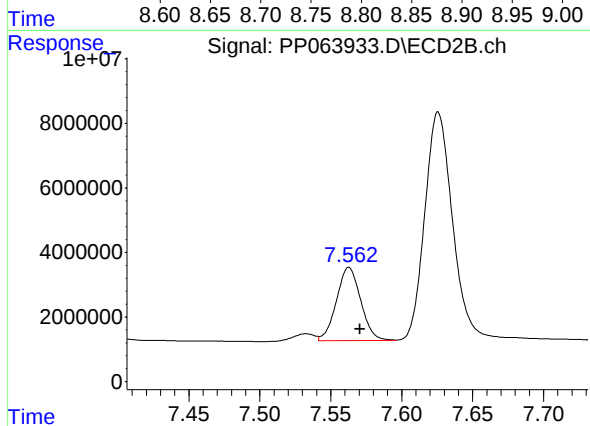
#37 AR-1262-2

R.T.: 7.035 min
Delta R.T.: -0.007 min
Response: 59686200
Conc: 373.47 ng/ml



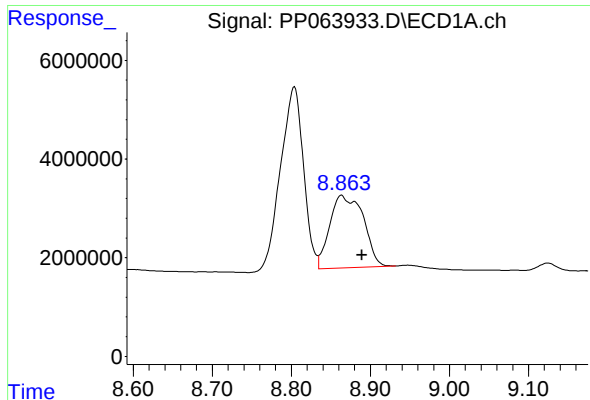
#38 AR-1262-3

R.T.: 8.804 min
Delta R.T.: 0.007 min
Response: 74624705
Conc: 449.92 ng/ml



#38 AR-1262-3

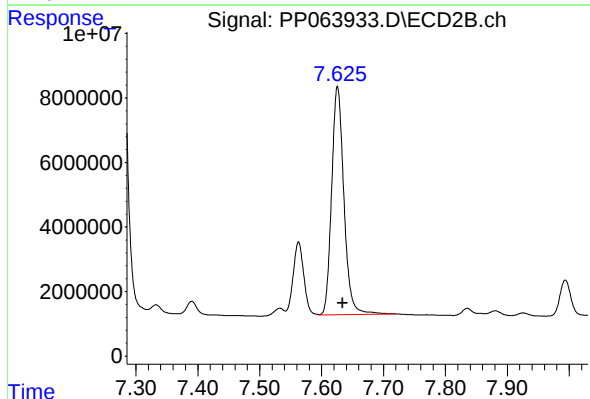
R.T.: 7.563 min
Delta R.T.: -0.008 min
Response: 27082815
Conc: 209.56 ng/ml



#39 AR-1262-4

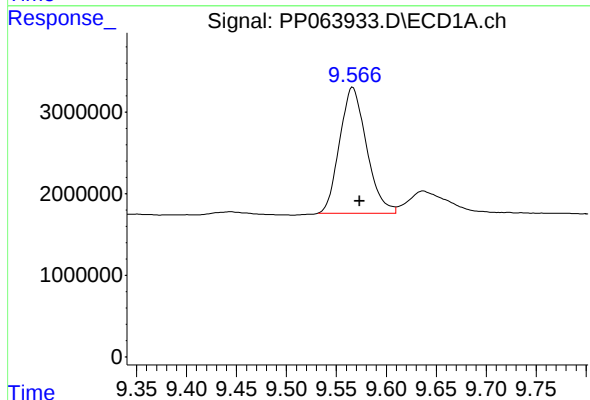
R.T.: 8.864 min
Delta R.T.: -0.026 min
Response: 43339576
Conc: 326.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



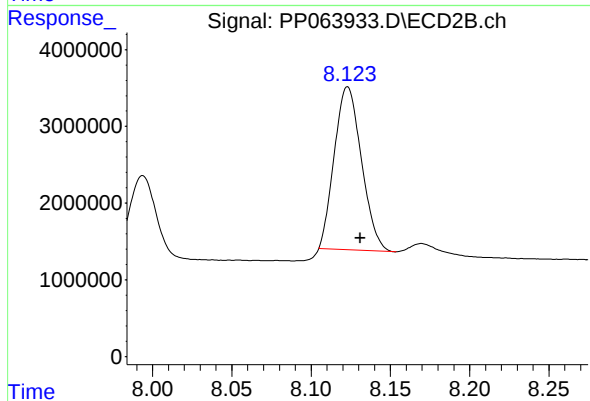
#39 AR-1262-4

R.T.: 7.626 min
Delta R.T.: -0.008 min
Response: 97230906
Conc: 454.91 ng/ml



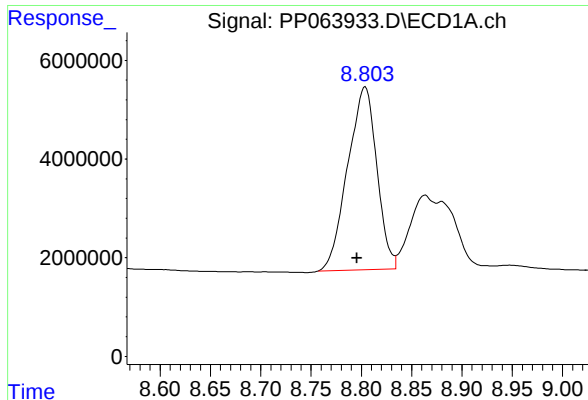
#40 AR-1262-5

R.T.: 9.566 min
Delta R.T.: -0.007 min
Response: 28962506
Conc: 347.42 ng/ml



#40 AR-1262-5

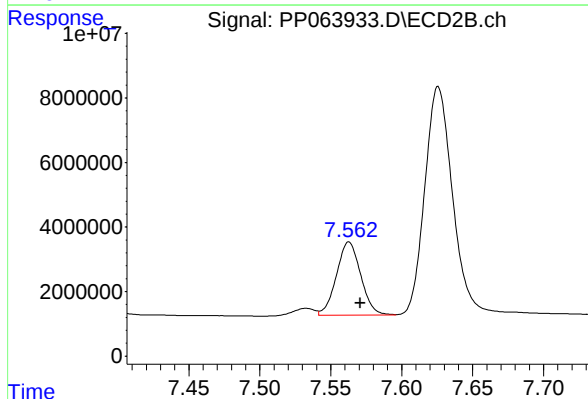
R.T.: 8.123 min
Delta R.T.: -0.008 min
Response: 25372126
Conc: 296.11 ng/ml



#41 AR-1268-1

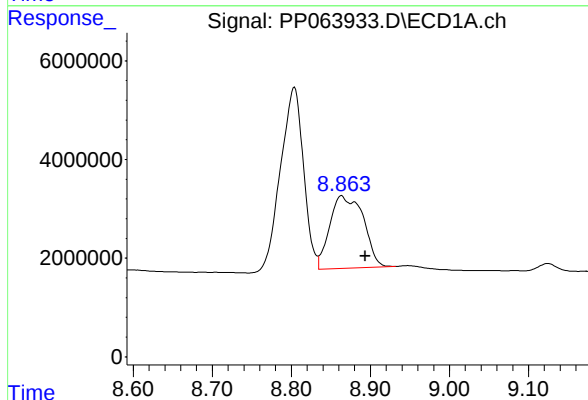
R.T.: 8.804 min
Delta R.T.: 0.008 min
Response: 74624705
Conc: 239.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



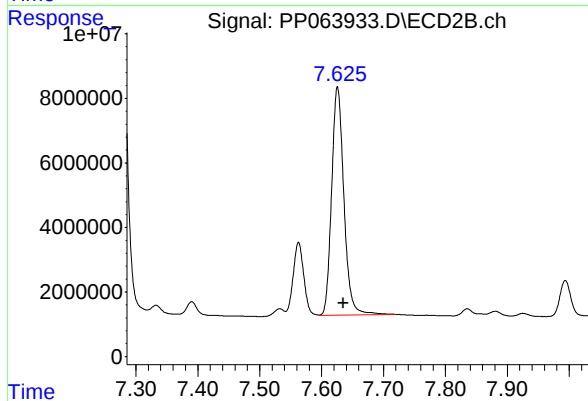
#41 AR-1268-1

R.T.: 7.563 min
Delta R.T.: -0.008 min
Response: 27082815
Conc: 72.64 ng/ml



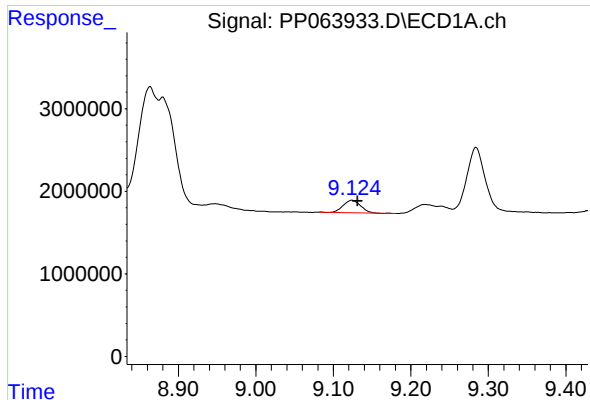
#42 AR-1268-2

R.T.: 8.864 min
Delta R.T.: -0.030 min
Response: 43339576
Conc: 153.07 ng/ml



#42 AR-1268-2

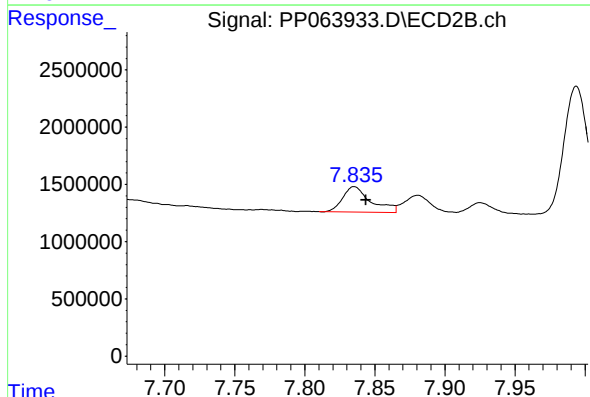
R.T.: 7.626 min
Delta R.T.: -0.010 min
Response: 97230906
Conc: 282.89 ng/ml



#43 AR-1268-3

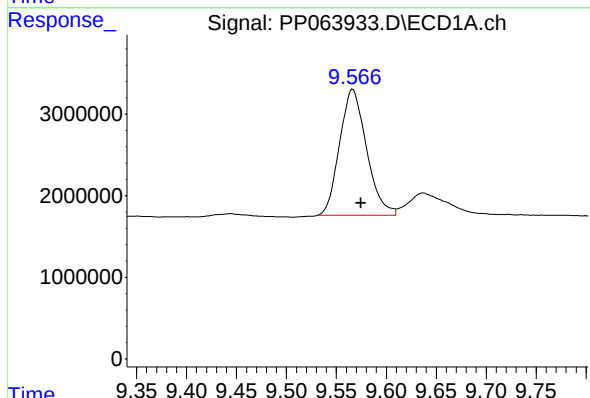
R.T.: 9.125 min
Delta R.T.: -0.007 min
Response: 2347442
Conc: 9.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



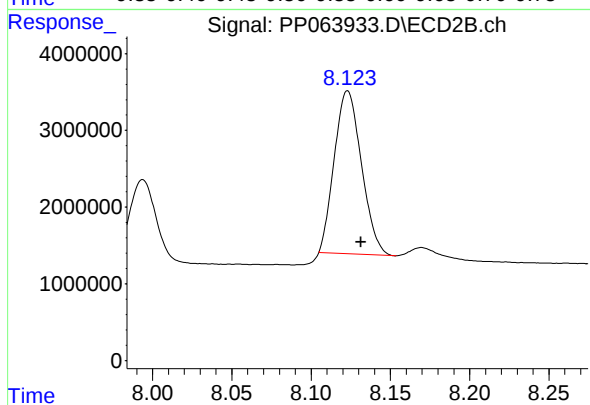
#43 AR-1268-3

R.T.: 7.835 min
Delta R.T.: -0.009 min
Response: 3079441
Conc: 10.25 ng/ml



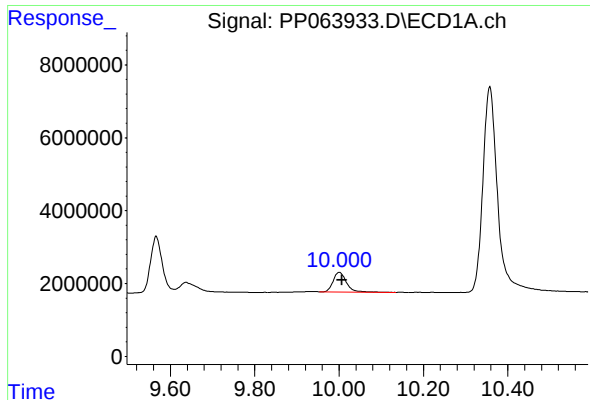
#44 AR-1268-4

R.T.: 9.566 min
Delta R.T.: -0.008 min
Response: 28962506
Conc: 279.94 ng/ml



#44 AR-1268-4

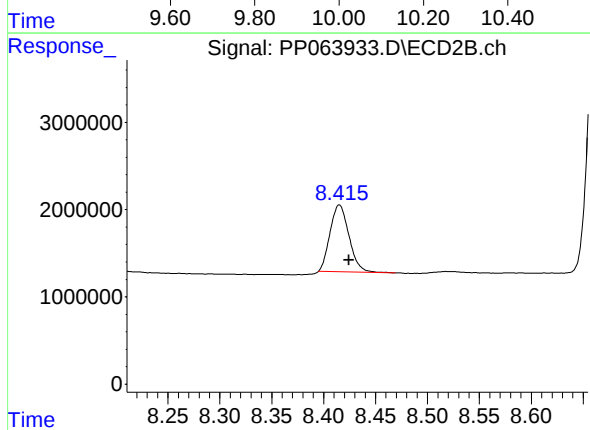
R.T.: 8.123 min
Delta R.T.: -0.008 min
Response: 25372126
Conc: 230.71 ng/ml



#45 AR-1268-5

R.T.: 10.001 min
Delta R.T.: -0.007 min
Response: 11791759
Conc: 14.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 9705994
Conc: 11.71 ng/ml