

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012723\
 Data File : PP054961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2023 14:18
 Operator : YP\AJ
 Sample : 01289-01MSD
 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: Jan 26 20:50:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.332	3.578	35229210	29389338	20.262	19.577
2)	SA Decachlor...	10.094	8.598	38212671	29483726	22.067	21.831
Target Compounds							
3)	L1 AR-1016-1	5.503	4.663	30019094	23493354	446.645	474.671
4)	L1 AR-1016-2	5.527	4.682	43038359	32691789	449.115	472.294
5)	L1 AR-1016-3	5.589	4.858	27026722	17672009	451.828	475.098
6)	L1 AR-1016-4	5.687	4.900	21791047	14989721	454.756	477.041
7)	L1 AR-1016-5	5.984	5.114	23185456	18623246	457.540	455.509
8)	L2 AR-1221-1	4.537	3.790	3427396	2724577	145.754	137.418
9)	L2 AR-1221-2	4.627	3.876	4487540	3338953	252.577	225.265
10)	L2 AR-1221-3	4.704	3.952	17222707	13822432	320.067	306.386
11)	L3 AR-1232-1	4.704	3.952	17222707	13822432	388.049	375.004
12)	L3 AR-1232-2	5.235	4.682	22378613	32691789	989.557	1023.456
13)	L3 AR-1232-3	5.527	4.858	43038359	17672009	979.987	1060.046
14)	L3 AR-1232-4	5.687	4.942	21791047	18451054	984.496	1144.172
15)	L3 AR-1232-5	5.779	5.114	19339476	18623246	1104.669	1054.456
16)	L4 AR-1242-1	5.503	4.663	30019094	23493354	536.163	573.537
17)	L4 AR-1242-2	5.527	4.682	43038359	32691789	539.126	572.525
18)	L4 AR-1242-3	5.589	4.858	27026722	17672009	544.219	572.510
19)	L4 AR-1242-4	5.687	4.942	21791047	18451054	543.732	567.950
20)	L4 AR-1242-5	6.428	5.468	3685325	15117017	82.884	404.505 #
21)	L5 AR-1248-1	5.503	4.663	30019094	23493354	719.818	757.773
22)	L5 AR-1248-2	5.779	4.900	19339476	14989721	304.203	327.806
23)	L5 AR-1248-3	5.984	4.942	23185456	18451054	335.253	387.032
24)	L5 AR-1248-4	6.388	5.114	3623755	18623246	47.785	337.212 #
25)	L5 AR-1248-5	6.428	5.508	3685325	2067088	49.941	42.039
26)	L6 AR-1254-1	6.363	5.468	18692056	15117017	236.931	187.189
27)	L6 AR-1254-2	6.583	5.616	20336940	14452327	168.042	201.954
28)	L6 AR-1254-3	6.951	6.036f	11490242	25809921	93.806	231.671 #
29)	L6 AR-1254-4	7.238	6.250	7261244	2385411	82.409	38.783 #
30)	L6 AR-1254-5	7.658	6.669	66493777	49459048	657.308	521.698
31)	L7 AR-1260-1	7.116	6.152	46367236	36383814	486.405	469.199
32)	L7 AR-1260-2	7.375	6.340	56670997	41869832	503.535	465.748
33)	L7 AR-1260-3	7.736	6.494	35849219	41273543	445.228	486.082
34)	L7 AR-1260-4	7.962	6.968	46640569	30574873	480.450	427.007
35)	L7 AR-1260-5	8.279	7.211	83178812	67075581	467.690	436.303
36)	L8 AR-1262-1	7.736	6.761	35849219	17463591	303.852	406.494 #
37)	L8 AR-1262-2	8.279	6.968	83178812	30574873	412.975	330.100
38)	L8 AR-1262-3	8.603	7.496	55202855	14322905	396.940	196.581 #
39)	L8 AR-1262-4	8.681	7.559	14064040	50866762	182.932	388.951 #
40)	L8 AR-1262-5	9.338	8.056	21201651	15457062	296.445	260.536
41)	L9 AR-1268-1	8.603f	7.496	55202855	14322905	225.864	66.241 #

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 Operator : YP\AJ
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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

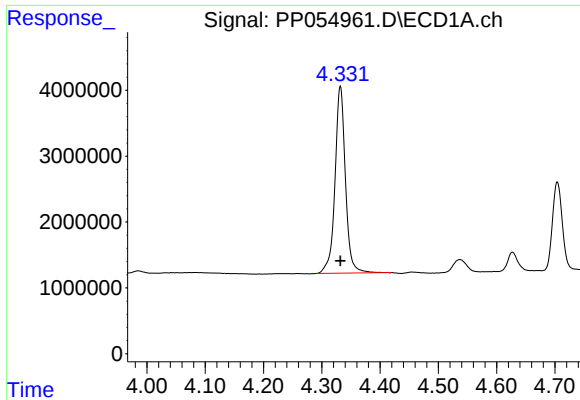
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:50:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.681	7.559	14064040	50866762	61.922	260.676 #
43) L9	AR-1268-3	8.912	7.767	1950142	1217593	9.761	7.089 #
44) L9	AR-1268-4	9.338	8.056	21201651	15457062	269.925	242.341
45) L9	AR-1268-5	9.753	8.344	7188488	6362591	11.301	12.082

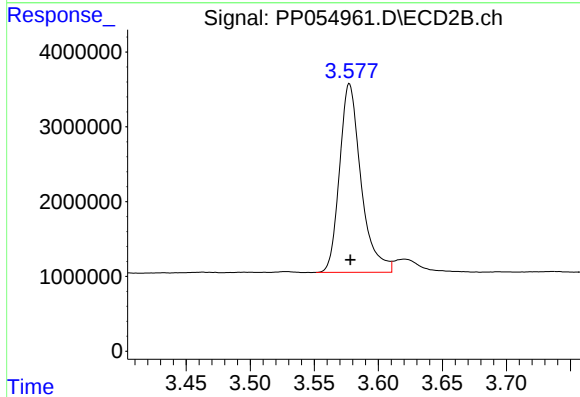
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

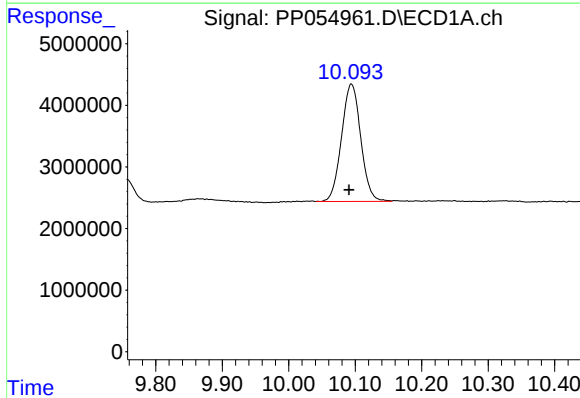
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 35229210
Conc: 20.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



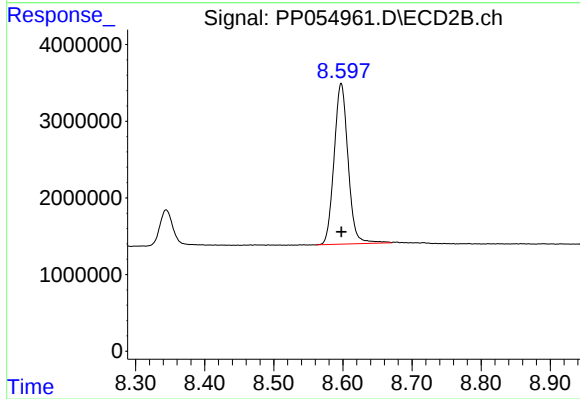
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: 0.000 min
Response: 29389338
Conc: 19.58 ng/ml



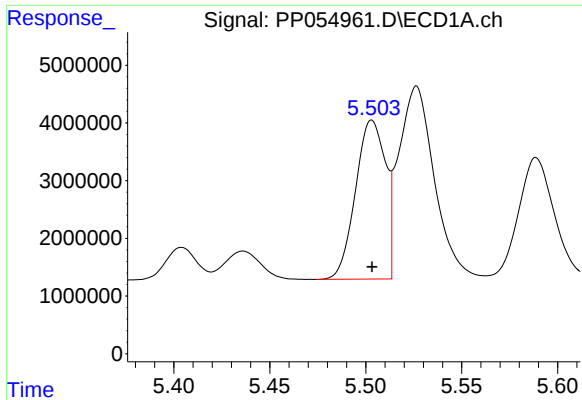
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: 0.003 min
Response: 38212671
Conc: 22.07 ng/ml



#2 Decachlorobiphenyl

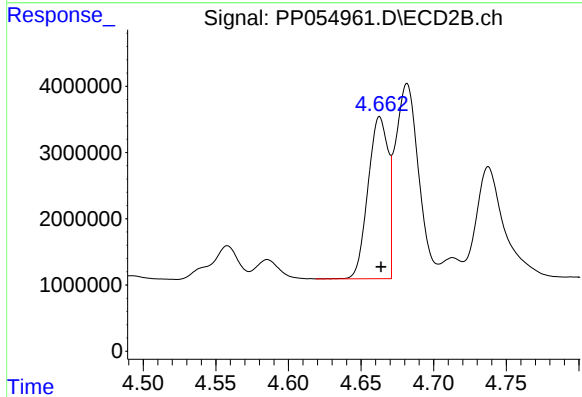
R.T.: 8.598 min
Delta R.T.: 0.000 min
Response: 29483726
Conc: 21.83 ng/ml



#3 AR-1016-1

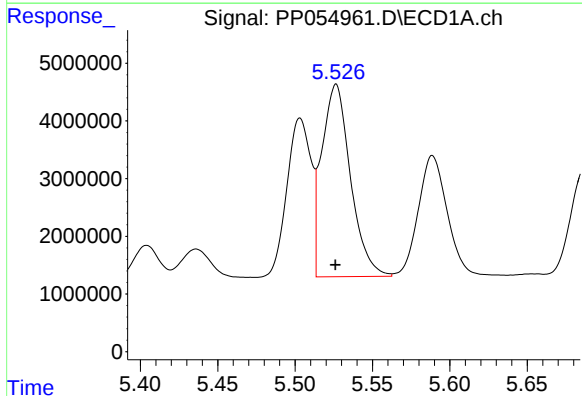
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 30019094
Conc: 446.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



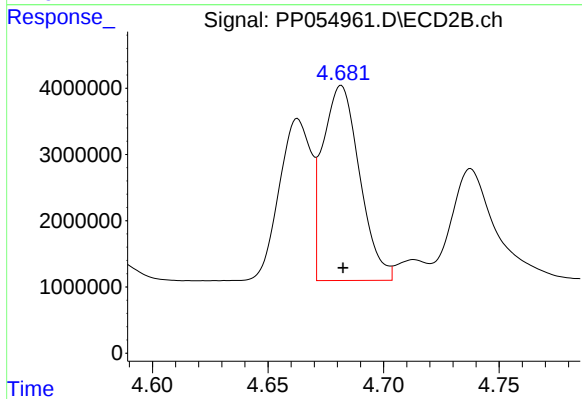
#3 AR-1016-1

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 23493354
Conc: 474.67 ng/ml



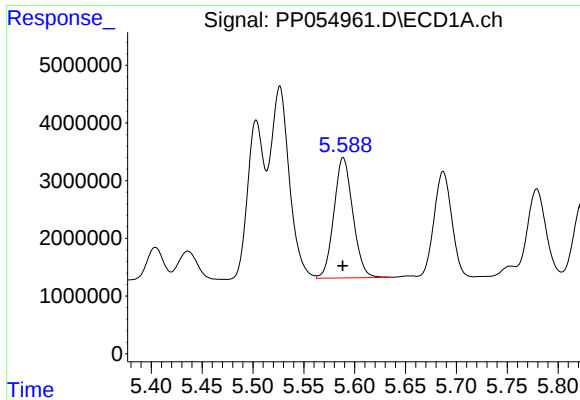
#4 AR-1016-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 43038359
Conc: 449.12 ng/ml



#4 AR-1016-2

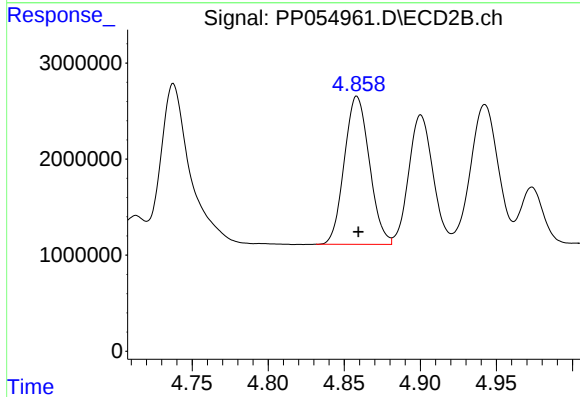
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 32691789
Conc: 472.29 ng/ml



#5 AR-1016-3

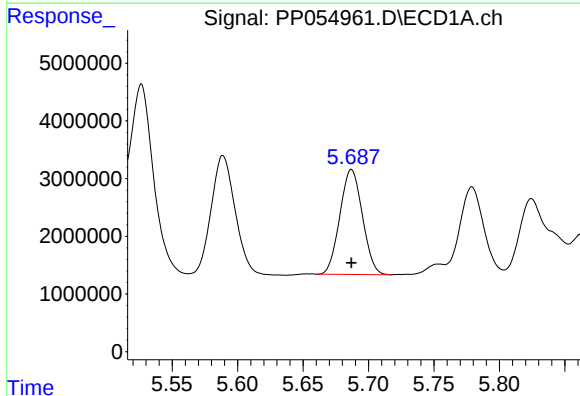
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 27026722
Conc: 451.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



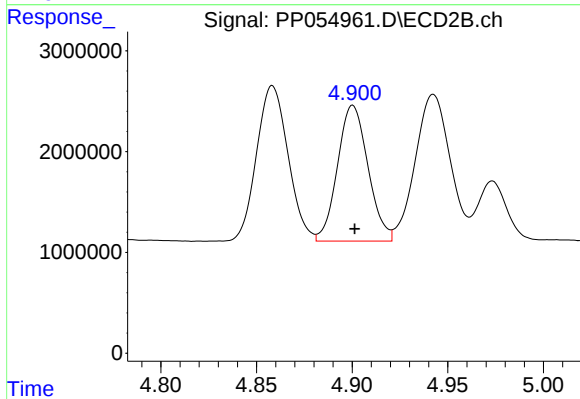
#5 AR-1016-3

R.T.: 4.858 min
Delta R.T.: -0.001 min
Response: 17672009
Conc: 475.10 ng/ml



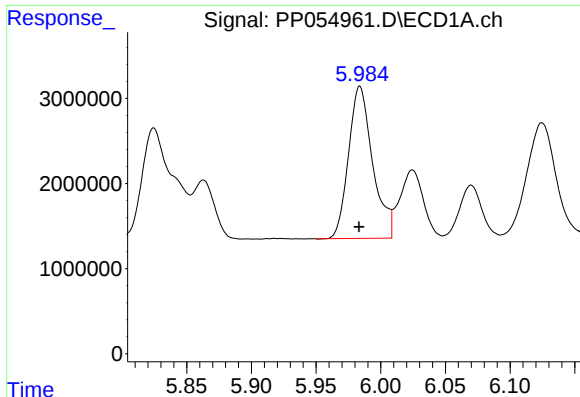
#6 AR-1016-4

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 21791047
Conc: 454.76 ng/ml



#6 AR-1016-4

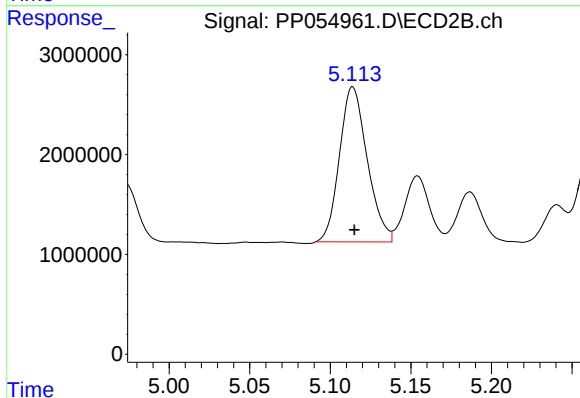
R.T.: 4.900 min
Delta R.T.: -0.001 min
Response: 14989721
Conc: 477.04 ng/ml



#7 AR-1016-5

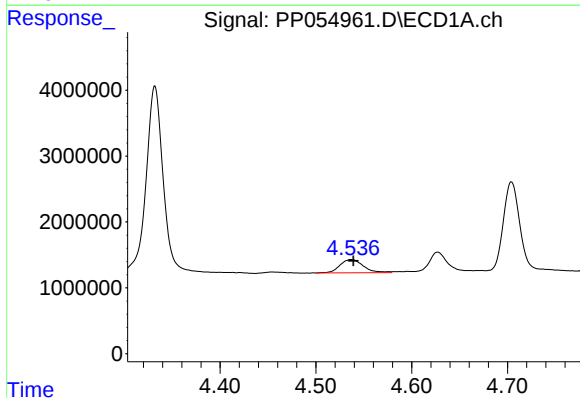
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 23185456
Conc: 457.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



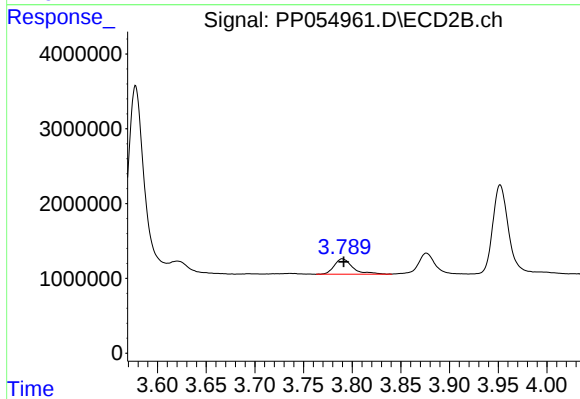
#7 AR-1016-5

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 18623246
Conc: 455.51 ng/ml



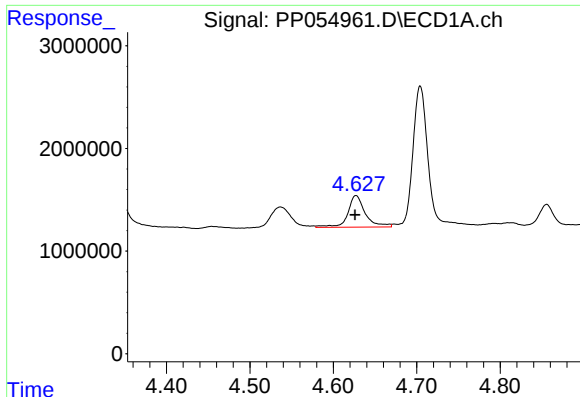
#8 AR-1221-1

R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 3427396
Conc: 145.75 ng/ml



#8 AR-1221-1

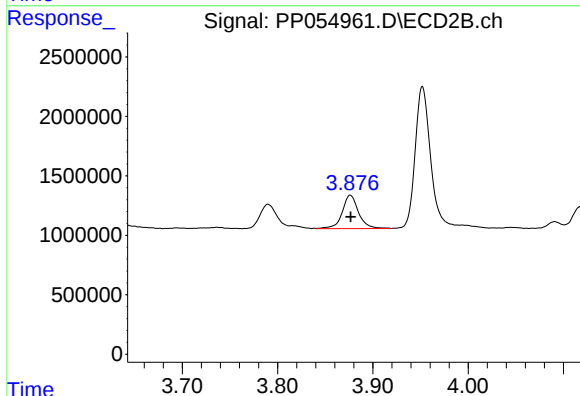
R.T.: 3.790 min
Delta R.T.: -0.001 min
Response: 2724577
Conc: 137.42 ng/ml



#9 AR-1221-2

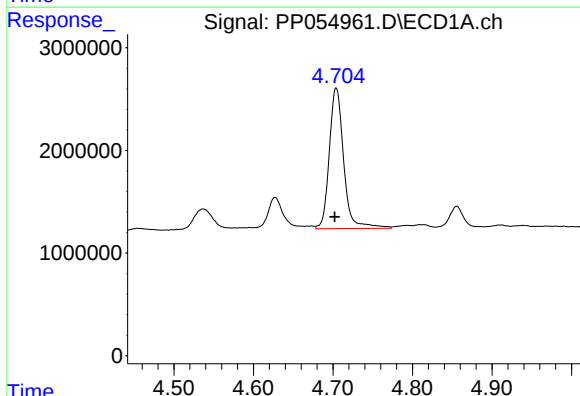
R.T.: 4.627 min
Delta R.T.: 0.001 min
Response: 4487540
Conc: 252.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



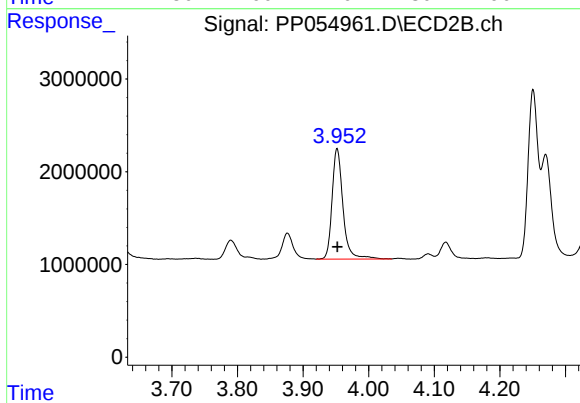
#9 AR-1221-2

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 3338953
Conc: 225.26 ng/ml



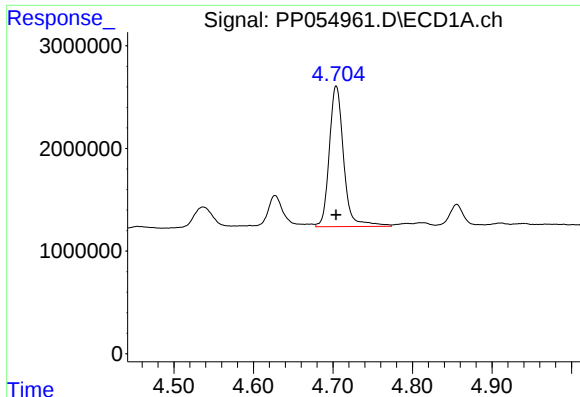
#10 AR-1221-3

R.T.: 4.704 min
Delta R.T.: 0.002 min
Response: 17222707
Conc: 320.07 ng/ml



#10 AR-1221-3

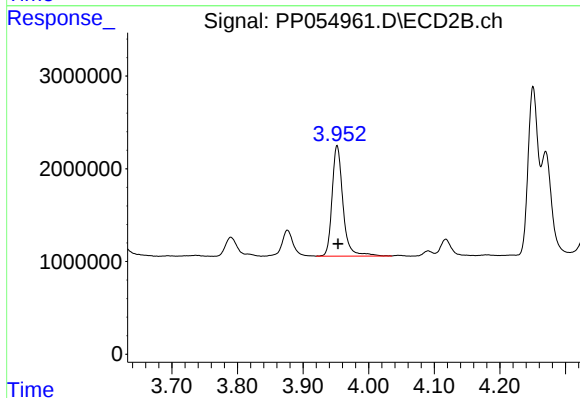
R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 13822432
Conc: 306.39 ng/ml



#11 AR-1232-1

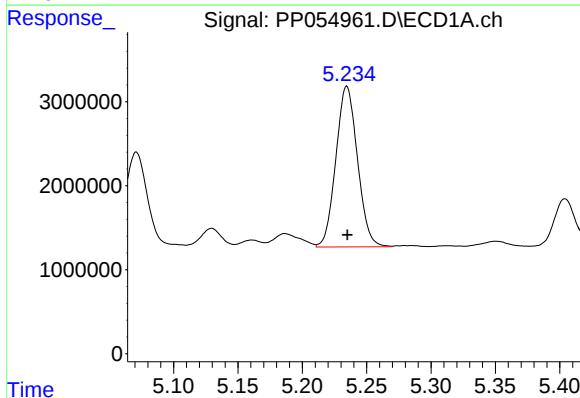
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 17222707
Conc: 388.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



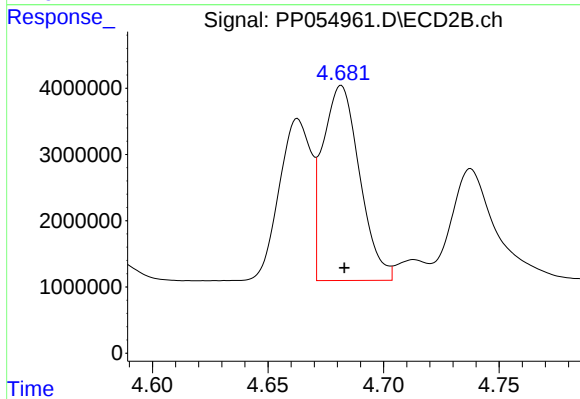
#11 AR-1232-1

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 13822432
Conc: 375.00 ng/ml



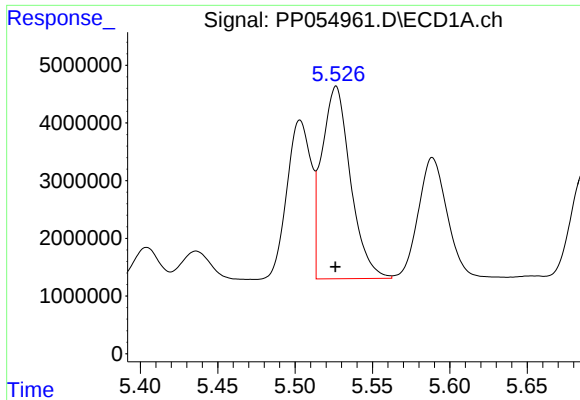
#12 AR-1232-2

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 22378613
Conc: 989.56 ng/ml



#12 AR-1232-2

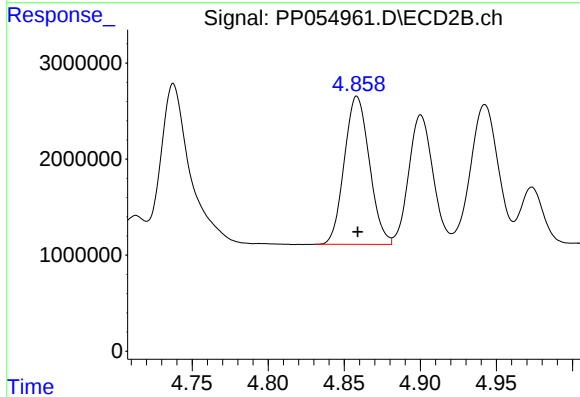
R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 32691789
Conc: 1023.46 ng/ml



#13 AR-1232-3

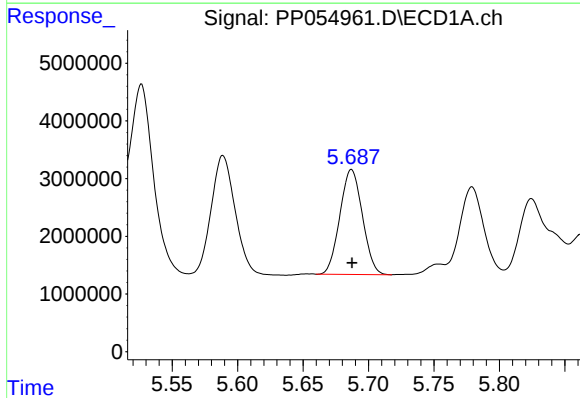
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 43038359
Conc: 979.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



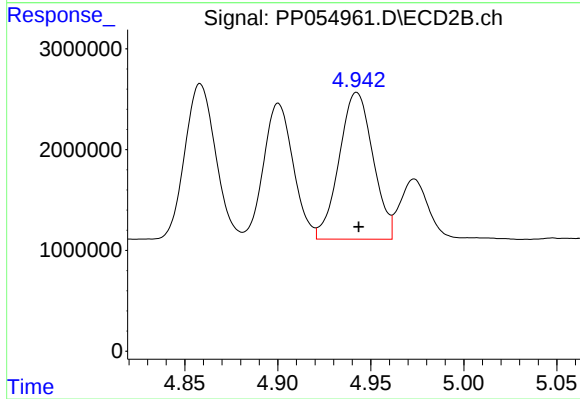
#13 AR-1232-3

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 17672009
Conc: 1060.05 ng/ml



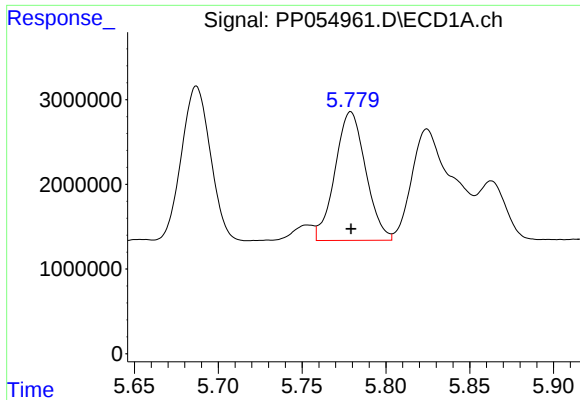
#14 AR-1232-4

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 21791047
Conc: 984.50 ng/ml



#14 AR-1232-4

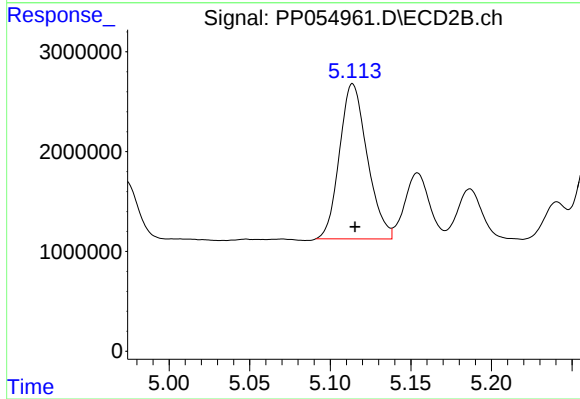
R.T.: 4.942 min
Delta R.T.: -0.001 min
Response: 18451054
Conc: 1144.17 ng/ml



#15 AR-1232-5

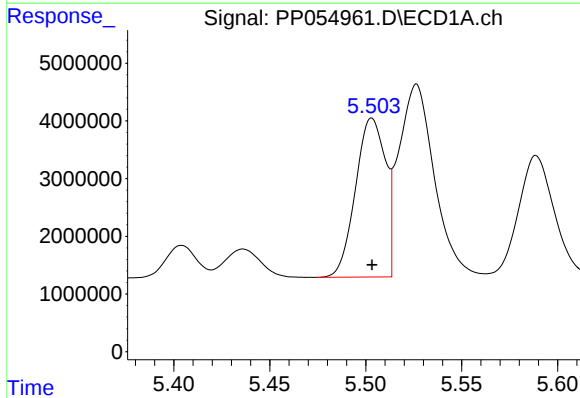
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 19339476
Conc: 1104.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



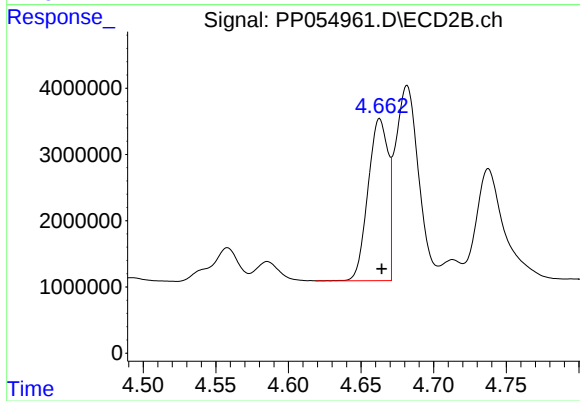
#15 AR-1232-5

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 18623246
Conc: 1054.46 ng/ml



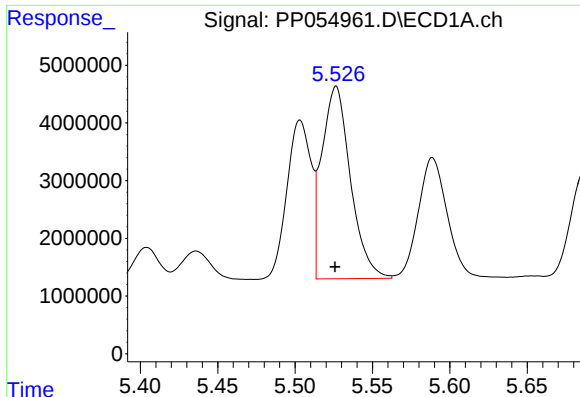
#16 AR-1242-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 30019094
Conc: 536.16 ng/ml



#16 AR-1242-1

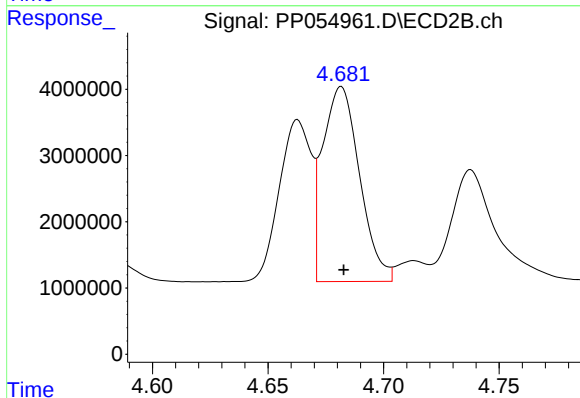
R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 23493354
Conc: 573.54 ng/ml



#17 AR-1242-2

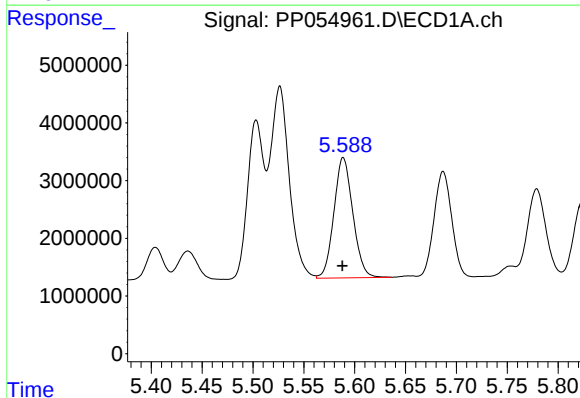
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 43038359
Conc: 539.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



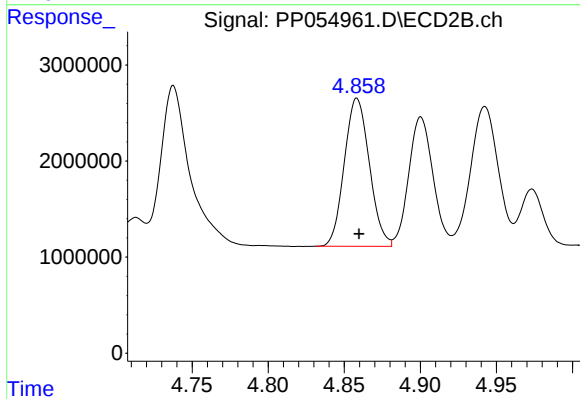
#17 AR-1242-2

R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 32691789
Conc: 572.53 ng/ml



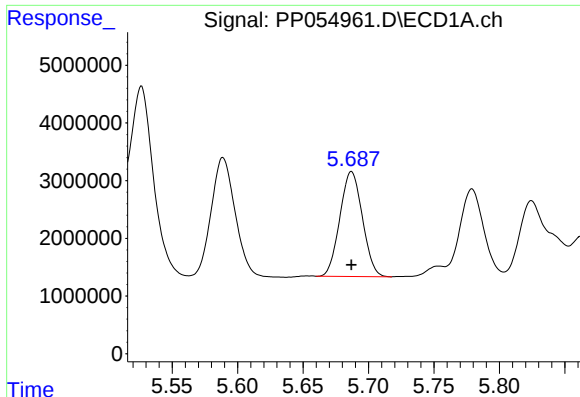
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 27026722
Conc: 544.22 ng/ml



#18 AR-1242-3

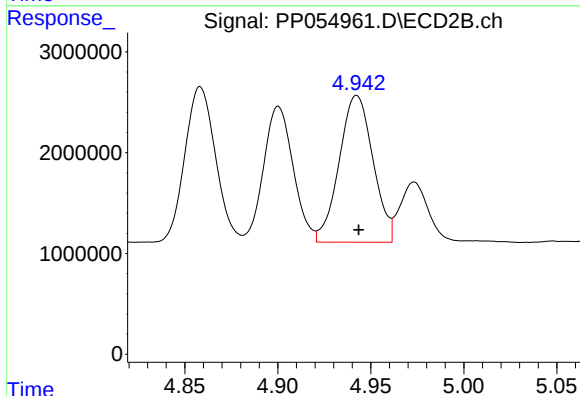
R.T.: 4.858 min
Delta R.T.: -0.002 min
Response: 17672009
Conc: 572.51 ng/ml



#19 AR-1242-4

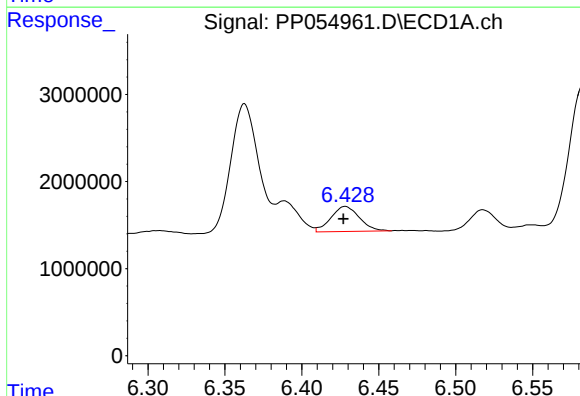
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 21791047
Conc: 543.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



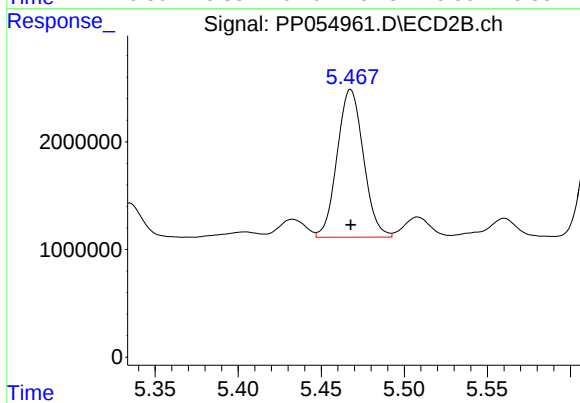
#19 AR-1242-4

R.T.: 4.942 min
Delta R.T.: -0.001 min
Response: 18451054
Conc: 567.95 ng/ml



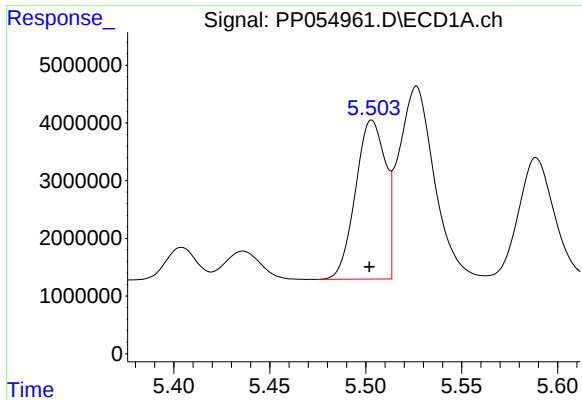
#20 AR-1242-5

R.T.: 6.428 min
Delta R.T.: 0.001 min
Response: 3685325
Conc: 82.88 ng/ml



#20 AR-1242-5

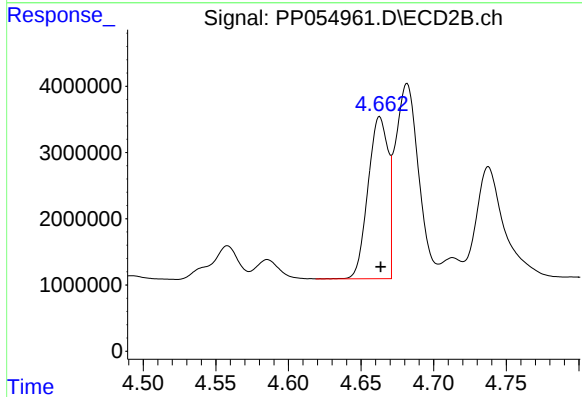
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 15117017
Conc: 404.50 ng/ml



#21 AR-1248-1

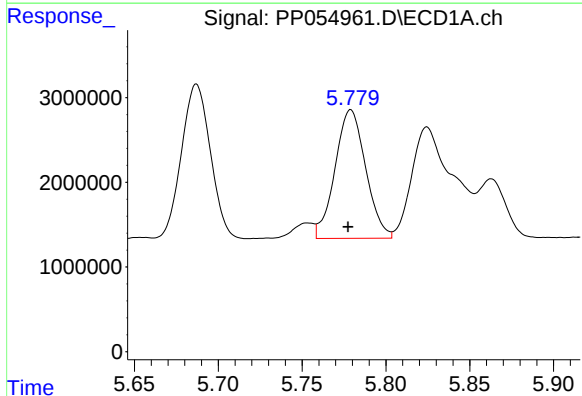
R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 30019094
Conc: 719.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



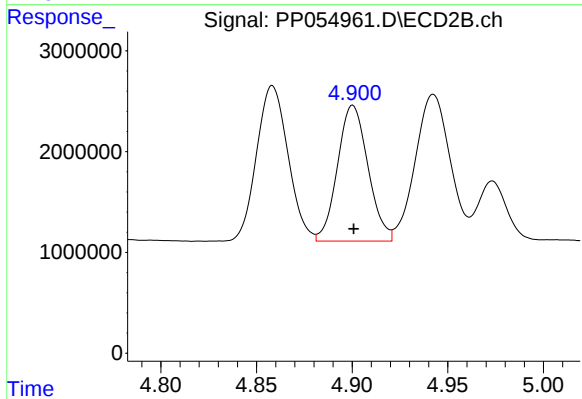
#21 AR-1248-1

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 23493354
Conc: 757.77 ng/ml



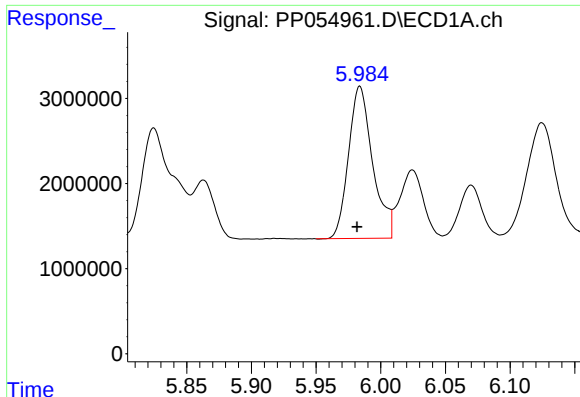
#22 AR-1248-2

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 19339476
Conc: 304.20 ng/ml



#22 AR-1248-2

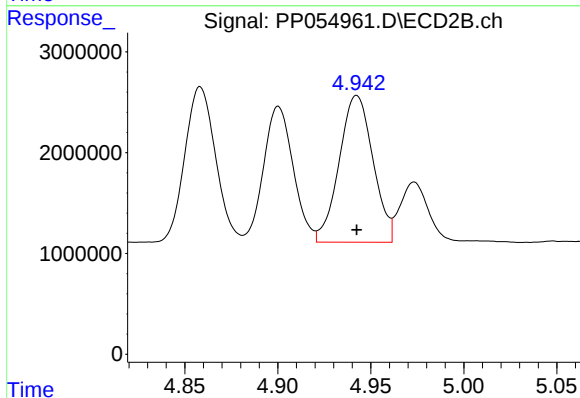
R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 14989721
Conc: 327.81 ng/ml



#23 AR-1248-3

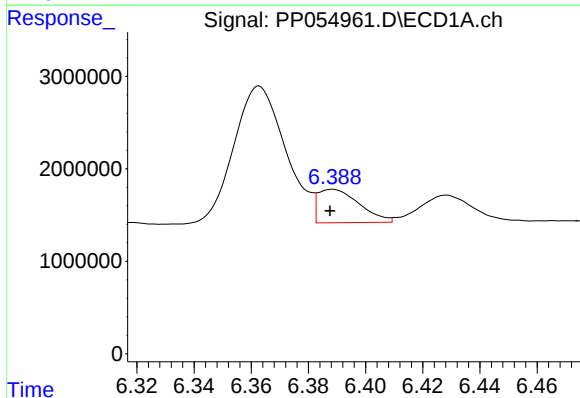
R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 23185456
Conc: 335.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



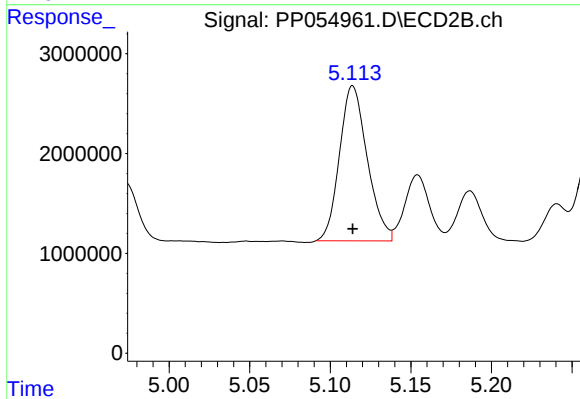
#23 AR-1248-3

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 18451054
Conc: 387.03 ng/ml



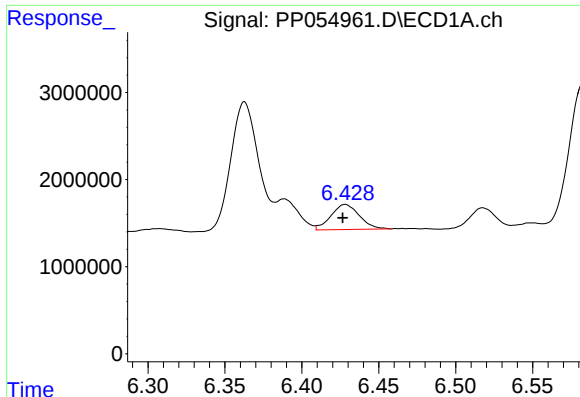
#24 AR-1248-4

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 3623755
Conc: 47.79 ng/ml



#24 AR-1248-4

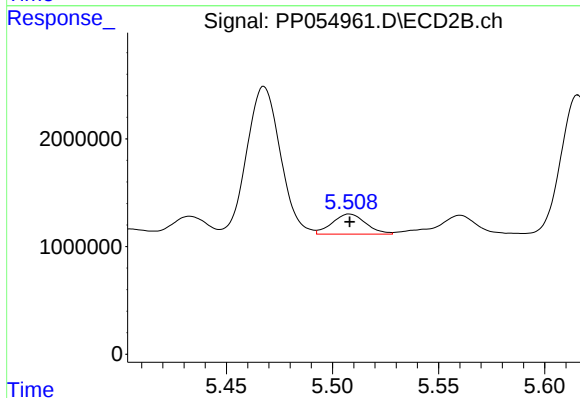
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 18623246
Conc: 337.21 ng/ml



#25 AR-1248-5

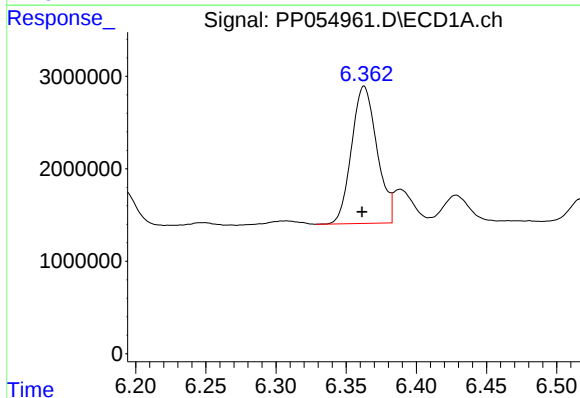
R.T.: 6.428 min
Delta R.T.: 0.002 min
Response: 3685325
Conc: 49.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



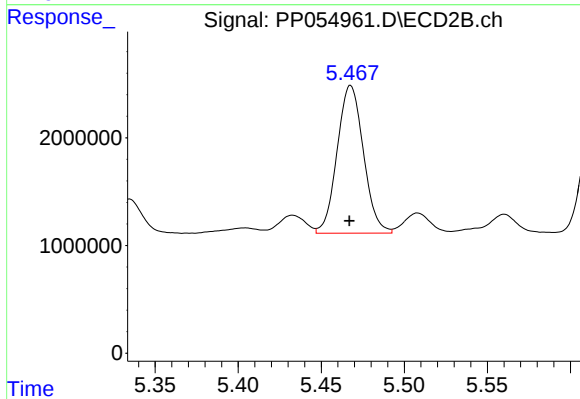
#25 AR-1248-5

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 2067088
Conc: 42.04 ng/ml



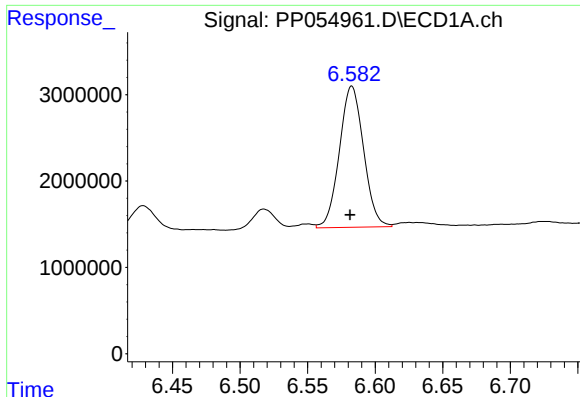
#26 AR-1254-1

R.T.: 6.363 min
Delta R.T.: 0.001 min
Response: 18692056
Conc: 236.93 ng/ml



#26 AR-1254-1

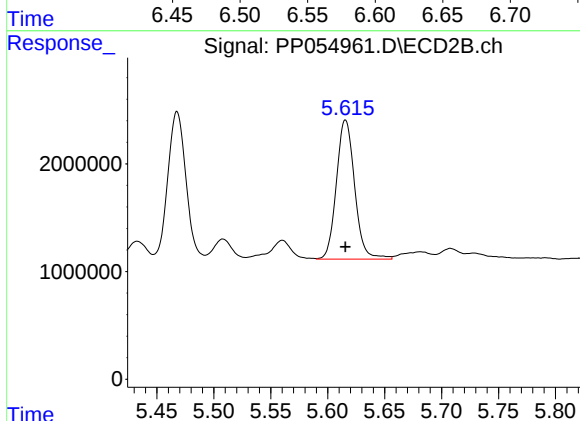
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 15117017
Conc: 187.19 ng/ml



#27 AR-1254-2

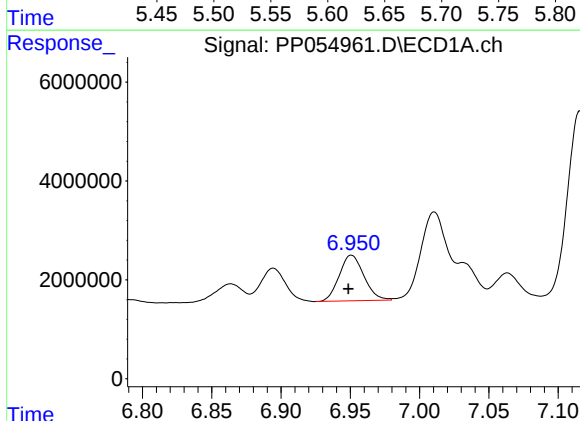
R.T.: 6.583 min
Delta R.T.: 0.001 min
Response: 20336940
Conc: 168.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



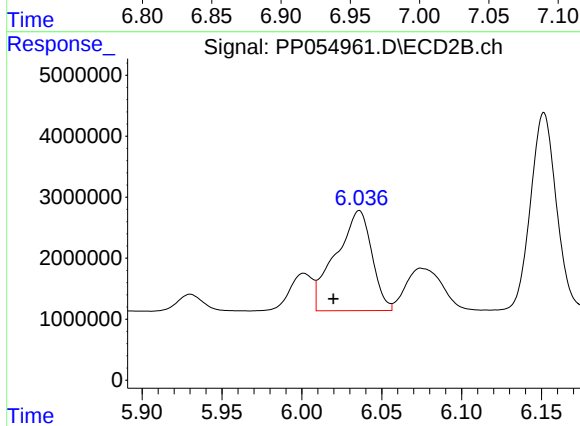
#27 AR-1254-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 14452327
Conc: 201.95 ng/ml



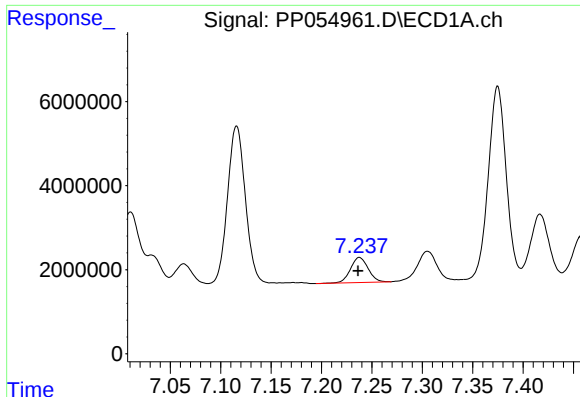
#28 AR-1254-3

R.T.: 6.951 min
Delta R.T.: 0.002 min
Response: 11490242
Conc: 93.81 ng/ml



#28 AR-1254-3

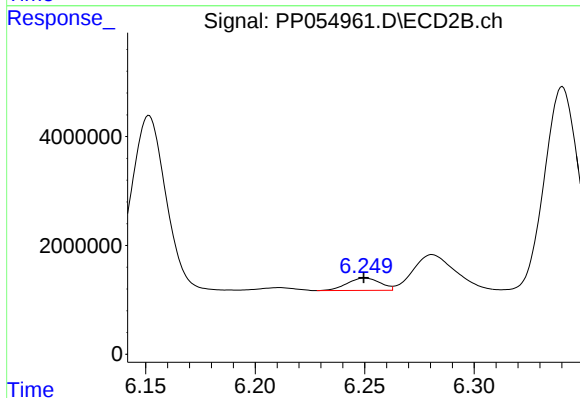
R.T.: 6.036 min
Delta R.T.: 0.016 min
Response: 25809921
Conc: 231.67 ng/ml



#29 AR-1254-4

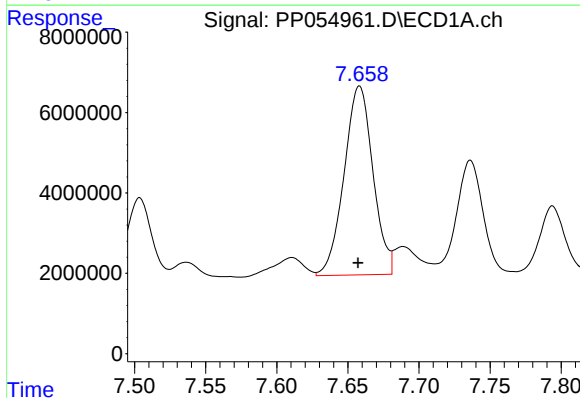
R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 7261244
Conc: 82.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



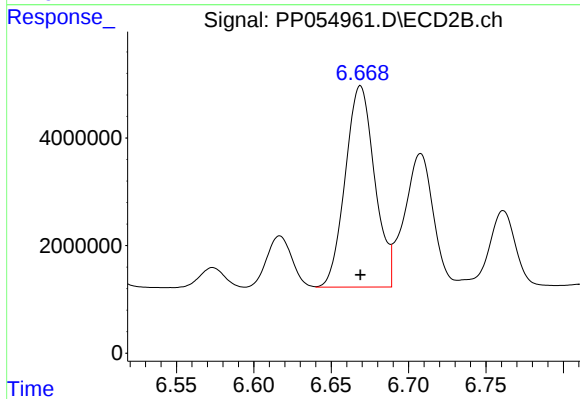
#29 AR-1254-4

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 2385411
Conc: 38.78 ng/ml



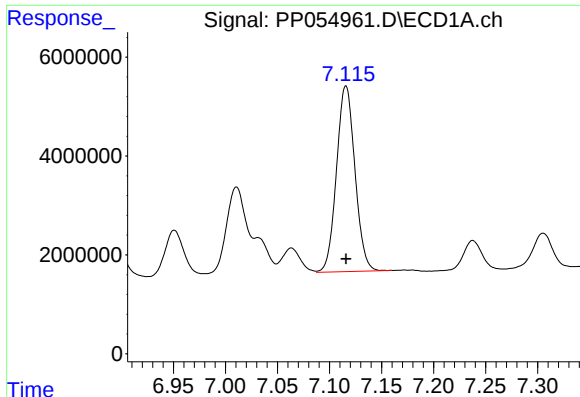
#30 AR-1254-5

R.T.: 7.658 min
Delta R.T.: 0.001 min
Response: 66493777
Conc: 657.31 ng/ml



#30 AR-1254-5

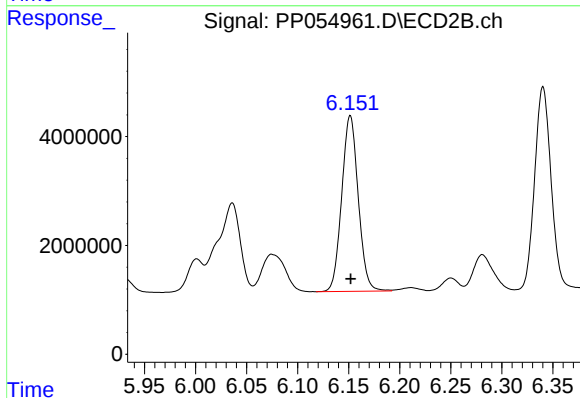
R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 49459048
Conc: 521.70 ng/ml



#31 AR-1260-1

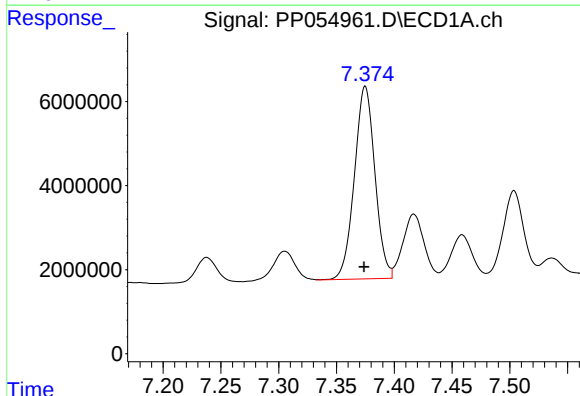
R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 46367236
Conc: 486.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



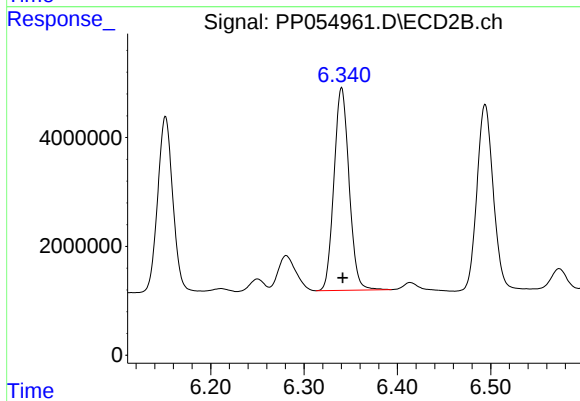
#31 AR-1260-1

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 36383814
Conc: 469.20 ng/ml



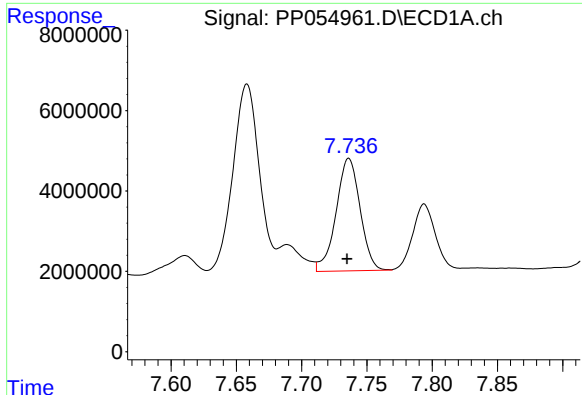
#32 AR-1260-2

R.T.: 7.375 min
Delta R.T.: 0.001 min
Response: 56670997
Conc: 503.54 ng/ml



#32 AR-1260-2

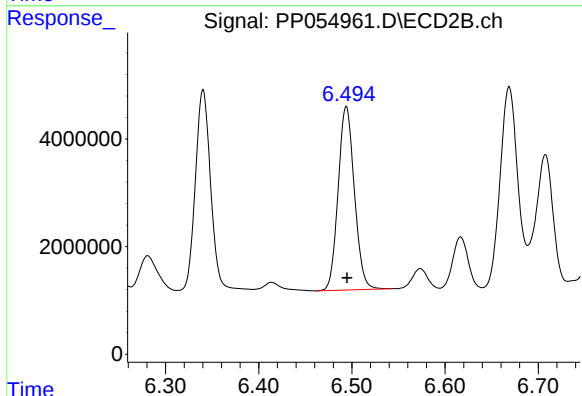
R.T.: 6.340 min
Delta R.T.: -0.001 min
Response: 41869832
Conc: 465.75 ng/ml



#33 AR-1260-3

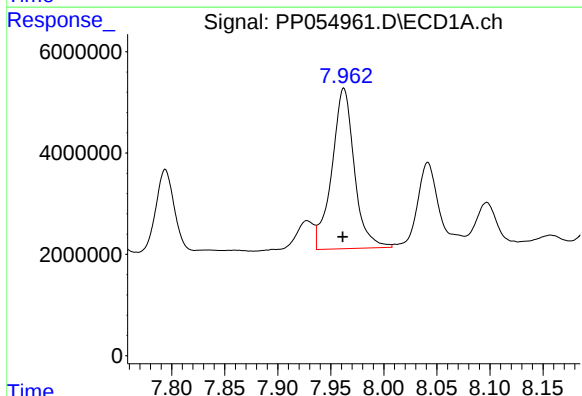
R.T.: 7.736 min
Delta R.T.: 0.001 min
Response: 35849219
Conc: 445.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



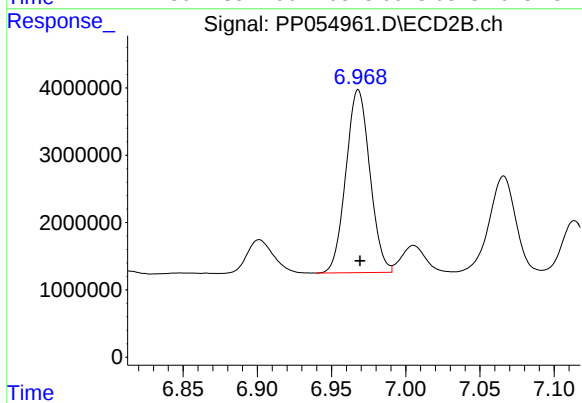
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 41273543
Conc: 486.08 ng/ml



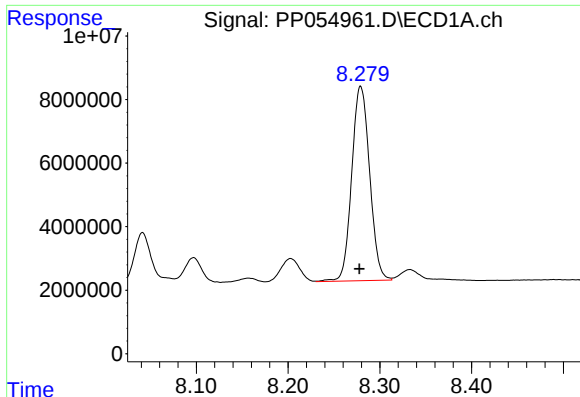
#34 AR-1260-4

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 46640569
Conc: 480.45 ng/ml



#34 AR-1260-4

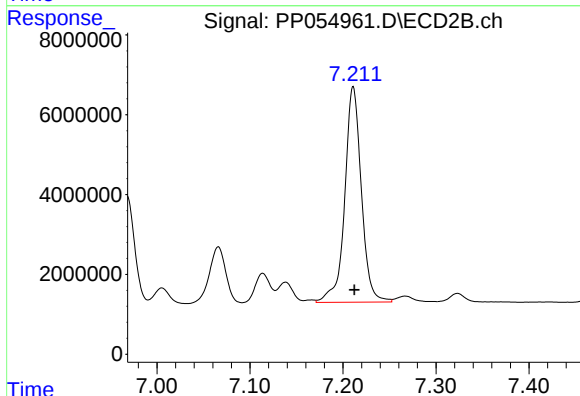
R.T.: 6.968 min
Delta R.T.: -0.001 min
Response: 30574873
Conc: 427.01 ng/ml



#35 AR-1260-5

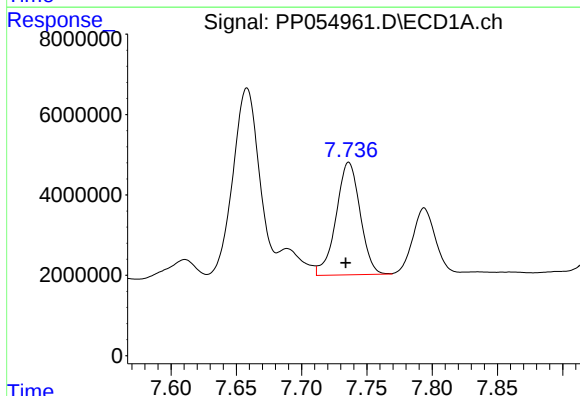
R.T.: 8.279 min
Delta R.T.: 0.001 min
Response: 83178812
Conc: 467.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



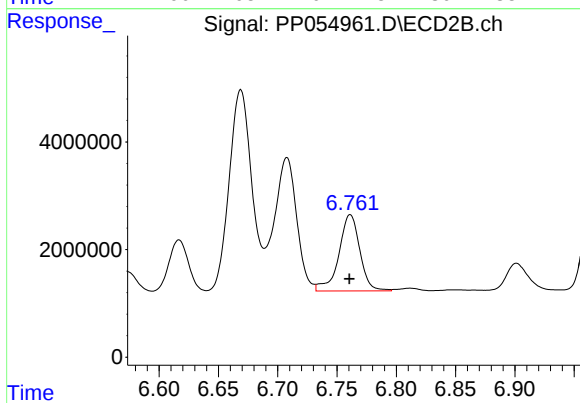
#35 AR-1260-5

R.T.: 7.211 min
Delta R.T.: -0.001 min
Response: 67075581
Conc: 436.30 ng/ml



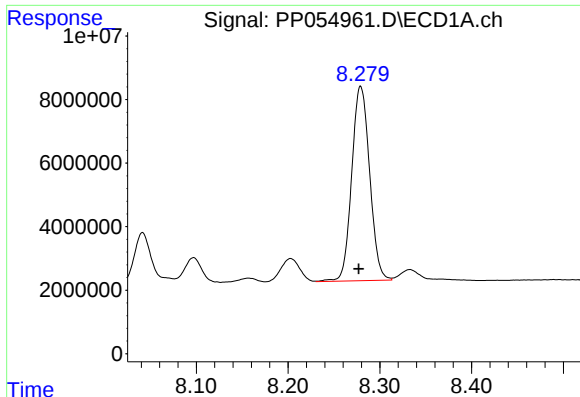
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: 0.002 min
Response: 35849219
Conc: 303.85 ng/ml



#36 AR-1262-1

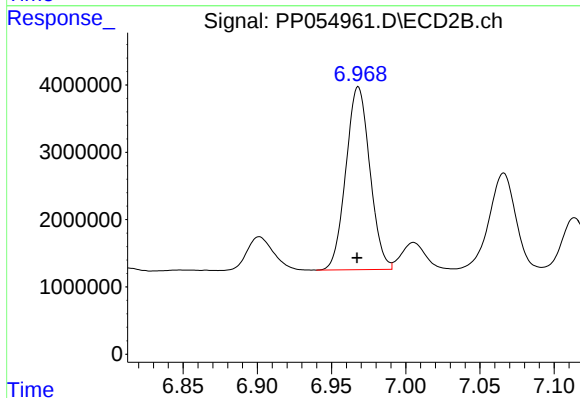
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 17463591
Conc: 406.49 ng/ml



#37 AR-1262-2

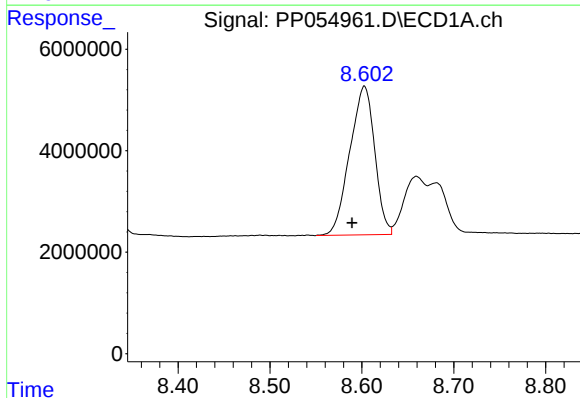
R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 83178812
Conc: 412.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



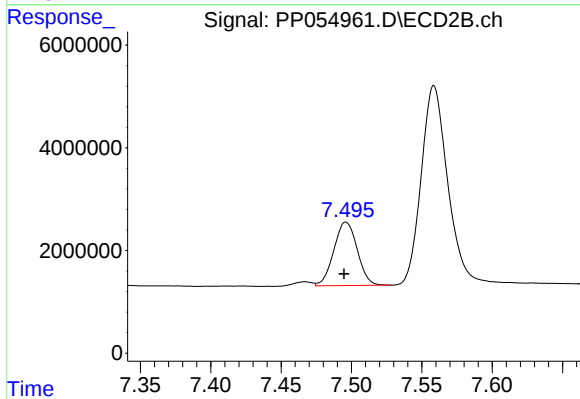
#37 AR-1262-2

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 30574873
Conc: 330.10 ng/ml



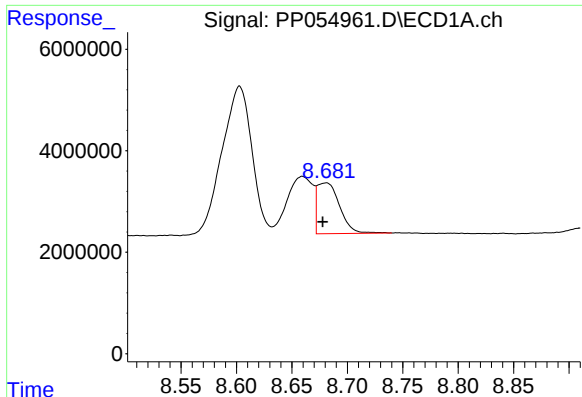
#38 AR-1262-3

R.T.: 8.603 min
Delta R.T.: 0.013 min
Response: 55202855
Conc: 396.94 ng/ml



#38 AR-1262-3

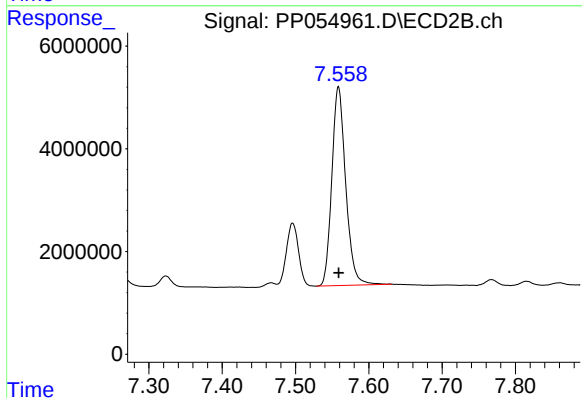
R.T.: 7.496 min
Delta R.T.: 0.001 min
Response: 14322905
Conc: 196.58 ng/ml



#39 AR-1262-4

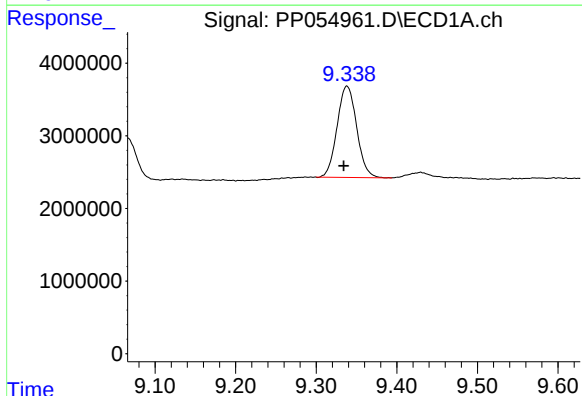
R.T.: 8.681 min
Delta R.T.: 0.003 min
Response: 14064040
Conc: 182.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



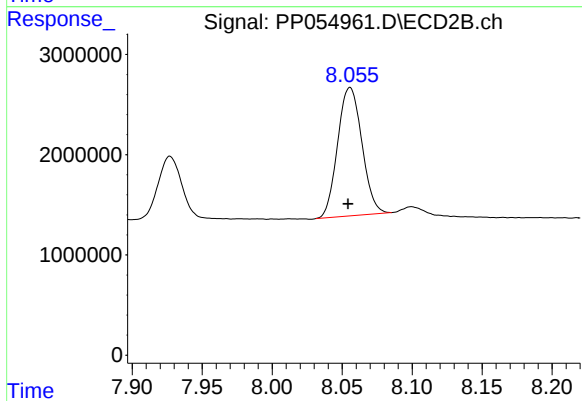
#39 AR-1262-4

R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 50866762
Conc: 388.95 ng/ml



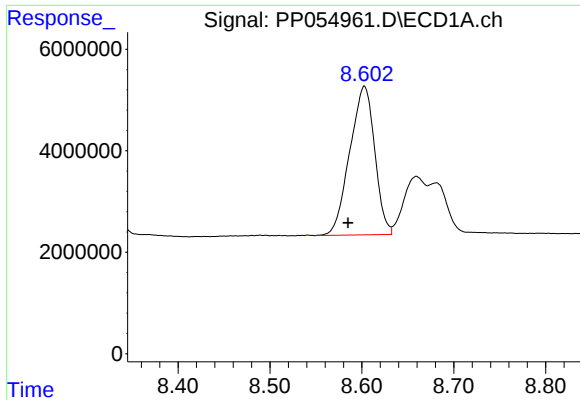
#40 AR-1262-5

R.T.: 9.338 min
Delta R.T.: 0.004 min
Response: 21201651
Conc: 296.44 ng/ml



#40 AR-1262-5

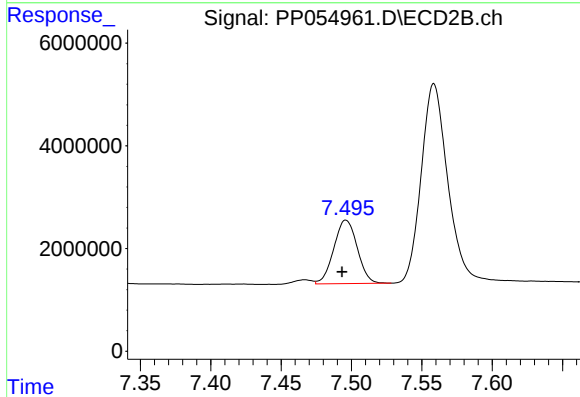
R.T.: 8.056 min
Delta R.T.: 0.001 min
Response: 15457062
Conc: 260.54 ng/ml



#41 AR-1268-1

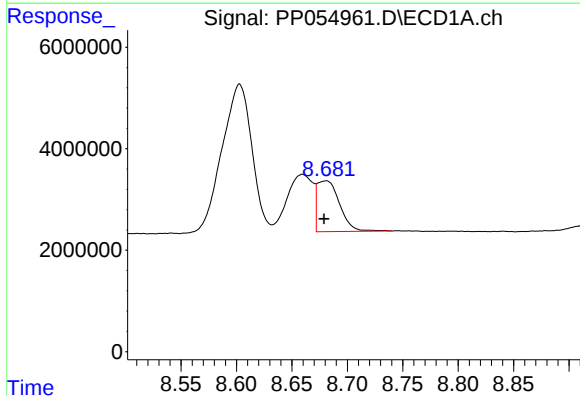
R.T.: 8.603 min
Delta R.T.: 0.018 min
Response: 55202855
Conc: 225.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



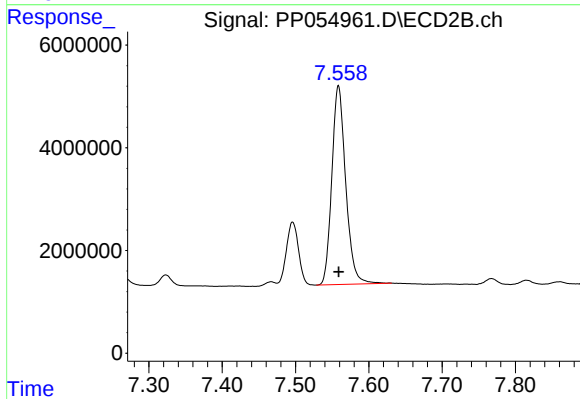
#41 AR-1268-1

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 14322905
Conc: 66.24 ng/ml



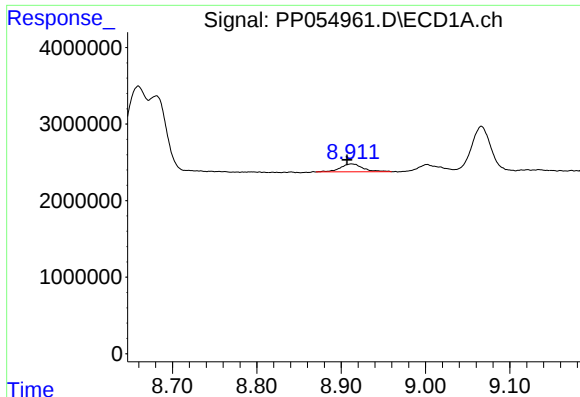
#42 AR-1268-2

R.T.: 8.681 min
Delta R.T.: 0.002 min
Response: 14064040
Conc: 61.92 ng/ml



#42 AR-1268-2

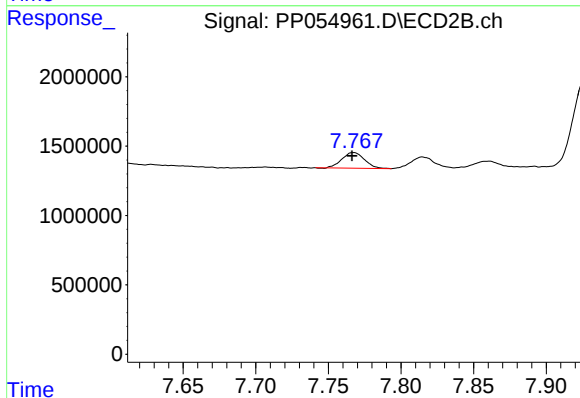
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 50866762
Conc: 260.68 ng/ml



#43 AR-1268-3

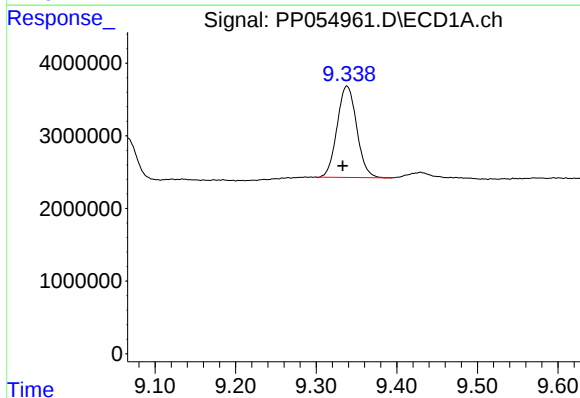
R.T.: 8.912 min
Delta R.T.: 0.005 min
Response: 1950142
Conc: 9.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



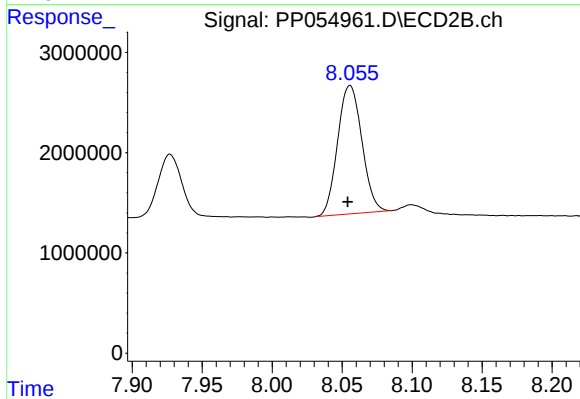
#43 AR-1268-3

R.T.: 7.767 min
Delta R.T.: 0.001 min
Response: 1217593
Conc: 7.09 ng/ml



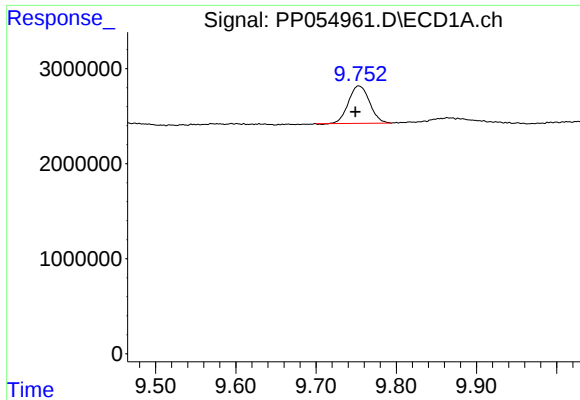
#44 AR-1268-4

R.T.: 9.338 min
Delta R.T.: 0.005 min
Response: 21201651
Conc: 269.93 ng/ml



#44 AR-1268-4

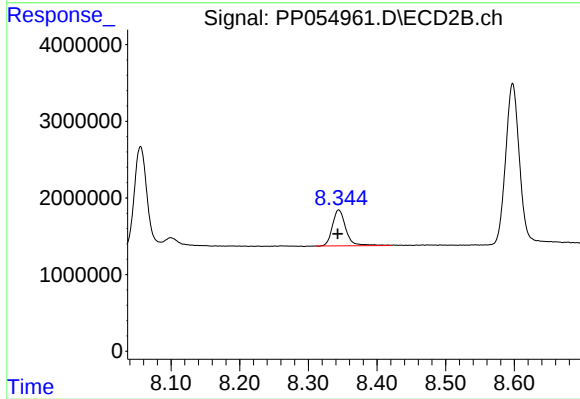
R.T.: 8.056 min
Delta R.T.: 0.002 min
Response: 15457062
Conc: 242.34 ng/ml



#45 AR-1268-5

R.T.: 9.753 min
Delta R.T.: 0.004 min
Response: 7188488
Conc: 11.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: 0.001 min
Response: 6362591
Conc: 12.08 ng/ml