

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101323\
 Data File : PP060977.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2023 23:11
 Operator : YP\AJ
 Sample : PP101223ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 13:36:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 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...	4.552	3.688	118.2E6	67538288	53.759	49.954
2)	SA Decachlor...	10.513	8.757	88127443	76768962	56.276	51.059
Target Compounds							
3)	L1 AR-1016-1	5.744	4.787	38306599	25959965	533.594	498.805
4)	L1 AR-1016-2	5.767	4.807	55654932	35953704	542.605	502.013
5)	L1 AR-1016-3	5.830	4.985	33812888	20336290	541.092	503.284
6)	L1 AR-1016-4	5.930	5.027	27934287	16333091	546.836	504.947
7)	L1 AR-1016-5	6.230	5.243	27553061	21268880	544.970	509.394
8)	L2 AR-1221-1	4.759	3.904	3805453	2813282	135.479	137.921
9)	L2 AR-1221-2	4.853	3.992	5775226	3889116	278.065	264.746
10)	L2 AR-1221-3	4.931	4.069	20499918	13658461	332.206	325.667
11)	L3 AR-1232-1	4.931	4.069	20499918	13658461	405.233	395.513
12)	L3 AR-1232-2	5.472	4.807	29297156	35953704	1098.389	1087.201
13)	L3 AR-1232-3	5.767	4.985	55654932	20336290	1185.963	1097.440
14)	L3 AR-1232-4	5.930	5.069	27934287	20204592	1193.970	1202.753
15)	L3 AR-1232-5	6.022	5.243	24788669	21268880	1271.961	1132.242
16)	L4 AR-1242-1	5.744	4.787	38306599	25959965	681.877	643.086
17)	L4 AR-1242-2	5.767	4.807	55654932	35953704	699.624	656.661
18)	L4 AR-1242-3	5.830	4.985	33812888	20336290	681.101	654.634
19)	L4 AR-1242-4	5.930	5.069	27934287	20204592	699.300	643.089
20)	L4 AR-1242-5	6.679	5.598	3800361	17137202	93.660	438.291 #
21)	L5 AR-1248-1	5.744	4.787	38306599	25959965	882.227	840.826
22)	L5 AR-1248-2	6.022	5.027	24788669	16333091	383.369	372.840
23)	L5 AR-1248-3	6.230	5.069	27553061	20204592	392.409	435.867
24)	L5 AR-1248-4	6.638	5.243	3826861	21268880	50.085	384.751 #
25)	L5 AR-1248-5	6.679	5.639	3800361	2688505	51.500	51.571
26)	L6 AR-1254-1	6.613	5.598	21297514	17137202	269.285	221.808
27)	L6 AR-1254-2	6.833	5.747	22649630	16441189	190.129	237.293
28)	L6 AR-1254-3	7.205	6.169f	12100520	30120697	98.909	266.198 #
29)	L6 AR-1254-4	7.494	6.383	7812278	3176738	88.756	46.235 #
30)	L6 AR-1254-5	7.917	6.804	71801348	59821625	723.074	559.241
31)	L7 AR-1260-1	7.372	6.285	51316479	41669070	548.220	503.549
32)	L7 AR-1260-2	7.630	6.474	59175359	49490342	545.056	502.580
33)	L7 AR-1260-3	7.994	6.629	38229779	48230325	550.054	510.009
34)	L7 AR-1260-4	8.226	7.104	47017354	36918565	551.154	515.101
35)	L7 AR-1260-5	8.563	7.347	88645007	86152185	549.418	513.667
36)	L8 AR-1262-1	7.994	6.896	38229779	20082121	304.368	421.273 #
37)	L8 AR-1262-2	8.563	7.104	88645007	36918565	400.647	350.518
38)	L8 AR-1262-3	8.910f	7.633	57114239	17408896	380.325	207.947 #
39)	L8 AR-1262-4	8.989	7.696	12472699	62293064	110.277	411.949 #
40)	L8 AR-1262-5	9.694	8.196	20428931	19654653	271.506	277.695
41)	L9 AR-1268-1	8.910f	7.633	57114239	17408896	219.188	72.563 #

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 ALS Vial : 31 Sample Multiplier: 1

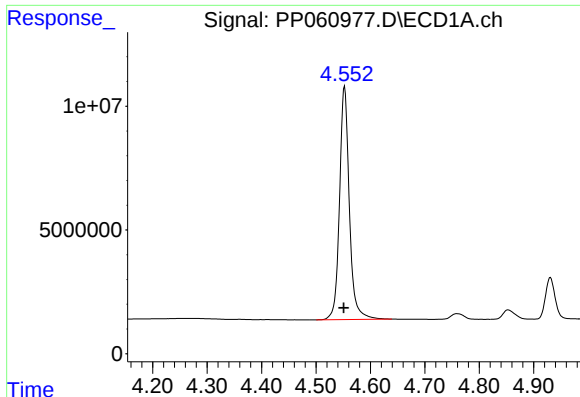
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 13:36:53 2023
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.989	7.696	12472699	62293064	53.195	290.334 #
43) L9	AR-1268-3	9.239	7.906	1736208	1808592	8.490	9.548
44) L9	AR-1268-4	9.694	8.196	20428931	19654653	253.631	256.494
45) L9	AR-1268-5	10.143	8.495	7302428	7318324	11.446	13.252

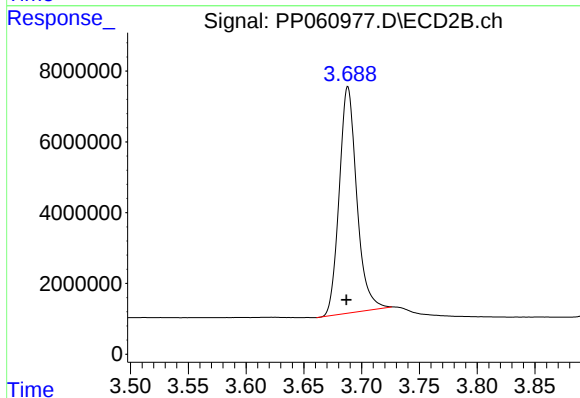
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

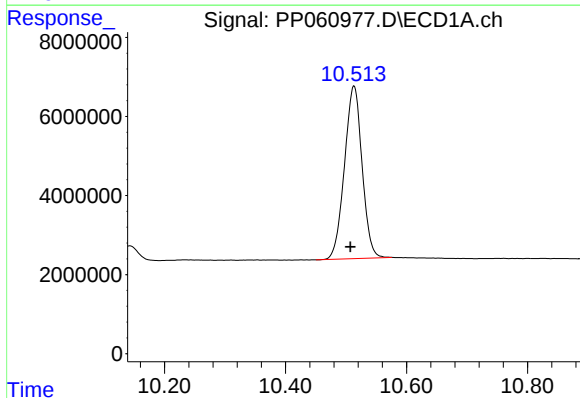
R.T.: 4.552 min
Delta R.T.: 0.001 min
Response: 118180089
Conc: 53.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



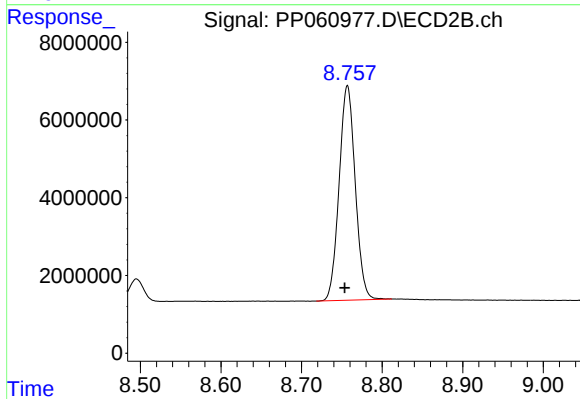
#1 Tetrachloro-m-xylene

R.T.: 3.688 min
Delta R.T.: 0.001 min
Response: 67538288
Conc: 49.95 ng/ml



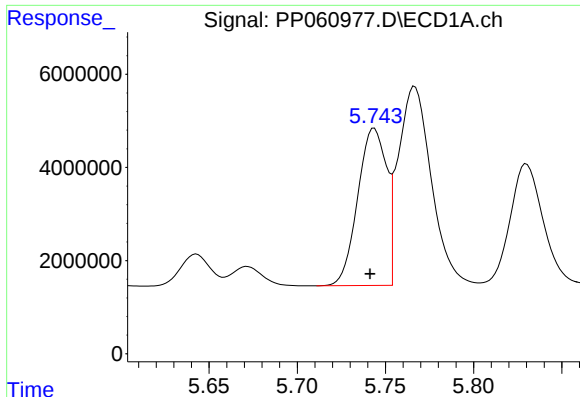
#2 Decachlorobiphenyl

R.T.: 10.513 min
Delta R.T.: 0.006 min
Response: 88127443
Conc: 56.28 ng/ml



#2 Decachlorobiphenyl

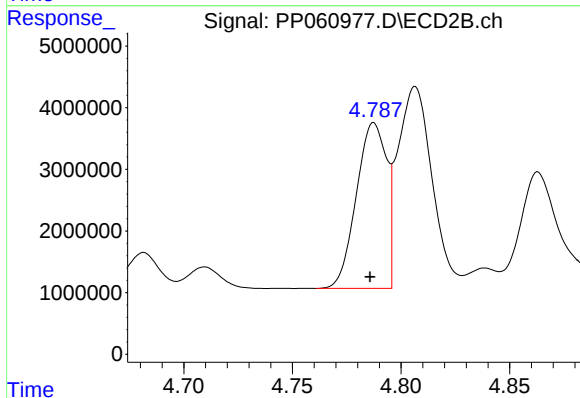
R.T.: 8.757 min
Delta R.T.: 0.003 min
Response: 76768962
Conc: 51.06 ng/ml



#3 AR-1016-1

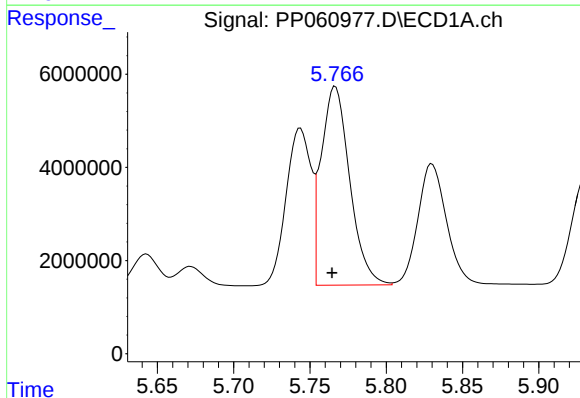
R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 38306599
Conc: 533.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



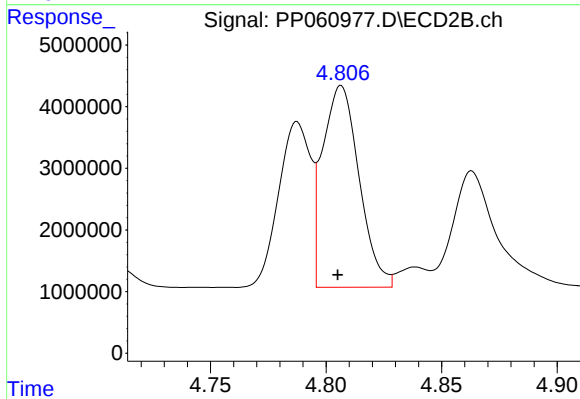
#3 AR-1016-1

R.T.: 4.787 min
Delta R.T.: 0.002 min
Response: 25959965
Conc: 498.81 ng/ml



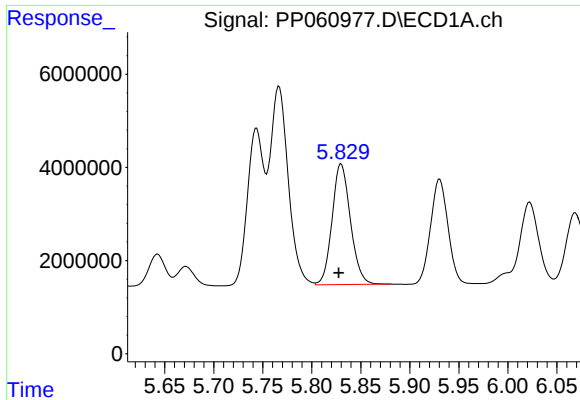
#4 AR-1016-2

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 55654932
Conc: 542.60 ng/ml



#4 AR-1016-2

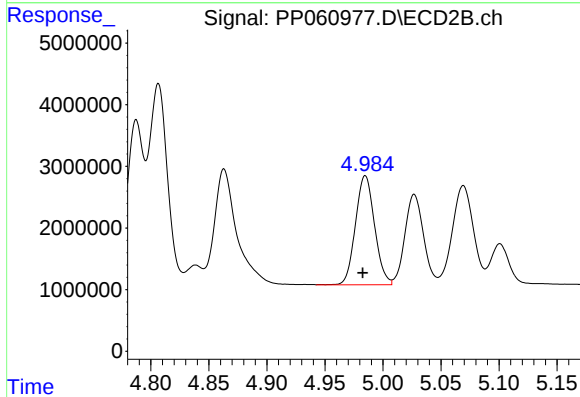
R.T.: 4.807 min
Delta R.T.: 0.001 min
Response: 35953704
Conc: 502.01 ng/ml



#5 AR-1016-3

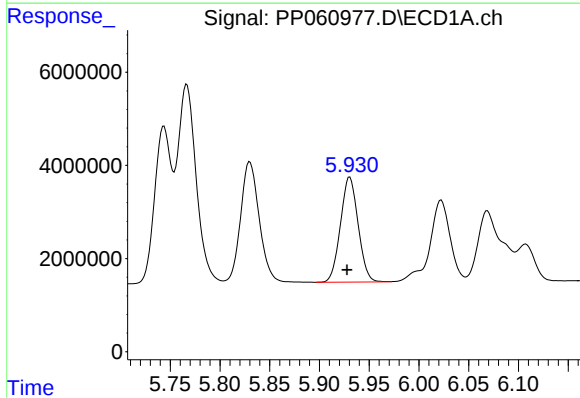
R.T.: 5.830 min
Delta R.T.: 0.002 min
Response: 33812888
Conc: 541.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



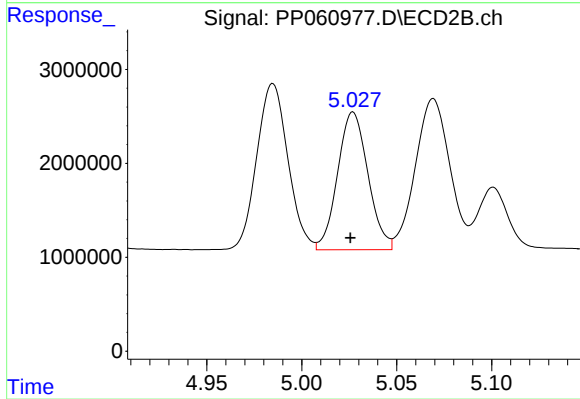
#5 AR-1016-3

R.T.: 4.985 min
Delta R.T.: 0.002 min
Response: 20336290
Conc: 503.28 ng/ml



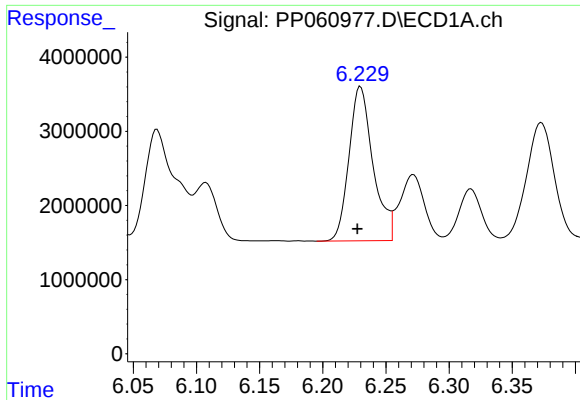
#6 AR-1016-4

R.T.: 5.930 min
Delta R.T.: 0.003 min
Response: 27934287
Conc: 546.84 ng/ml



#6 AR-1016-4

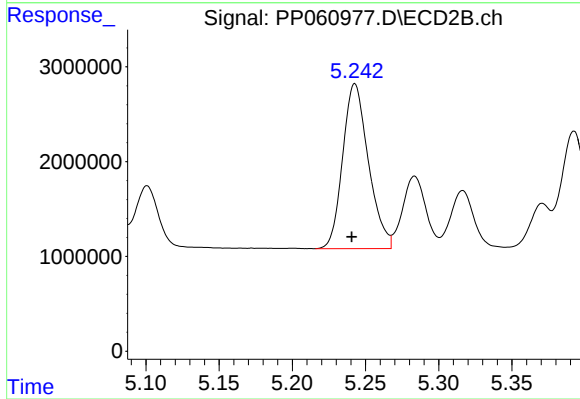
R.T.: 5.027 min
Delta R.T.: 0.001 min
Response: 16333091
Conc: 504.95 ng/ml



#7 AR-1016-5

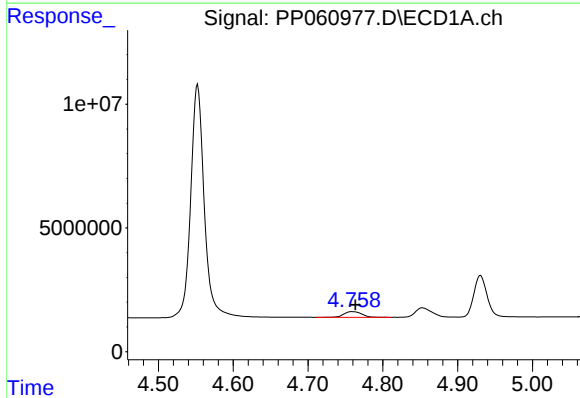
R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 27553061
Conc: 544.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



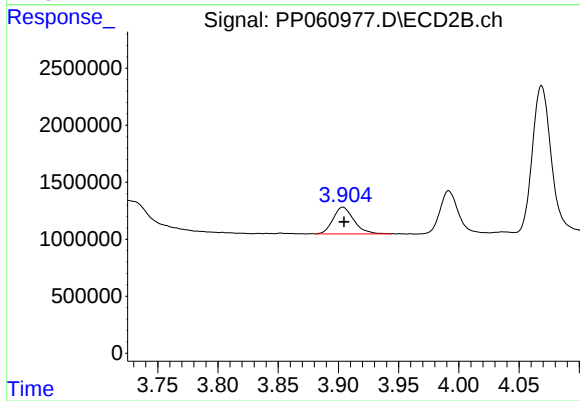
#7 AR-1016-5

R.T.: 5.243 min
Delta R.T.: 0.002 min
Response: 21268880
Conc: 509.39 ng/ml



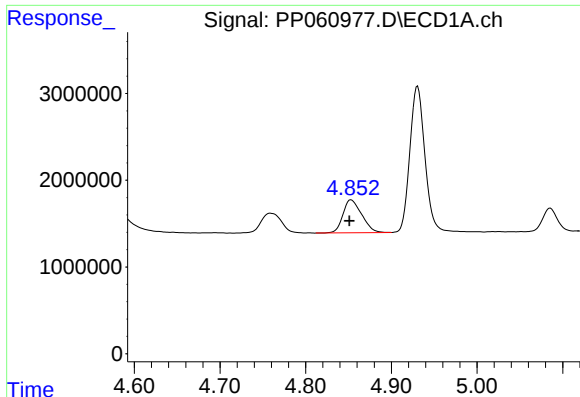
#8 AR-1221-1

R.T.: 4.759 min
Delta R.T.: -0.005 min
Response: 3805453
Conc: 135.48 ng/ml



#8 AR-1221-1

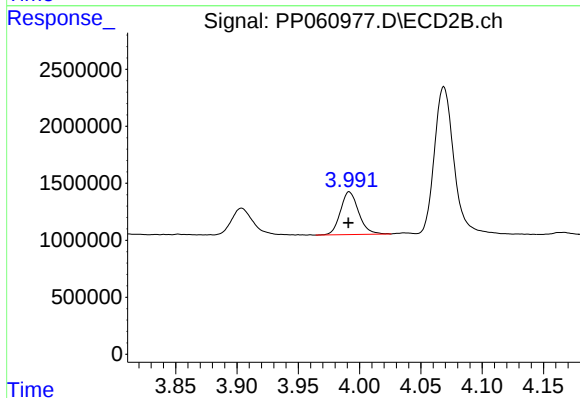
R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 2813282
Conc: 137.92 ng/ml



#9 AR-1221-2

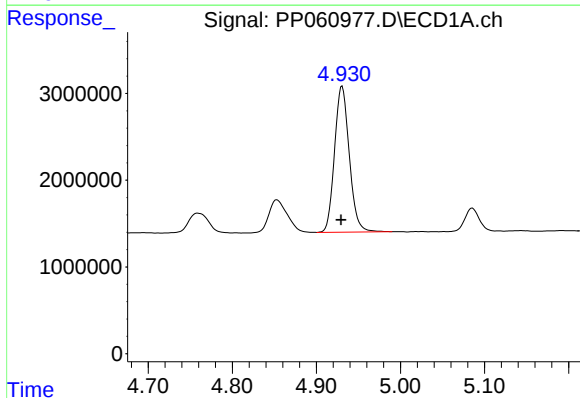
R.T.: 4.853 min
Delta R.T.: 0.002 min
Response: 5775226
Conc: 278.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



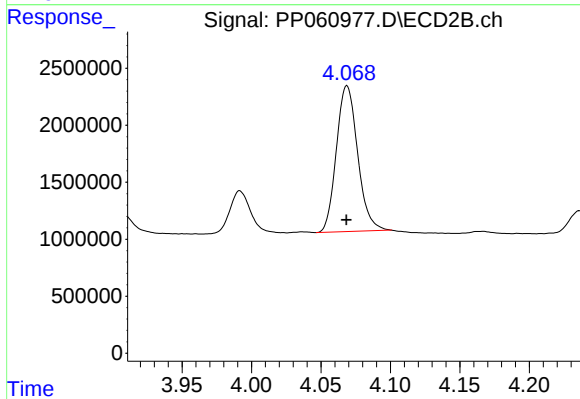
#9 AR-1221-2

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 3889116
Conc: 264.75 ng/ml



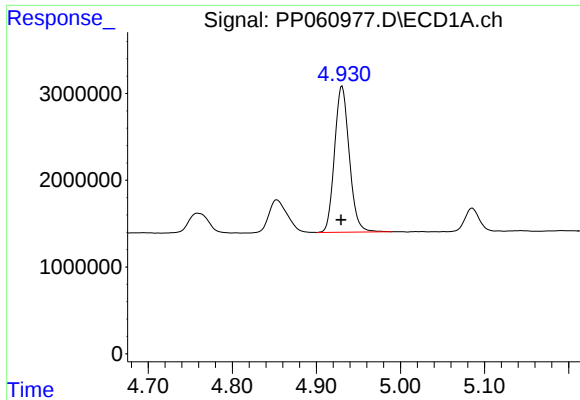
#10 AR-1221-3

R.T.: 4.931 min
Delta R.T.: 0.001 min
Response: 20499918
Conc: 332.21 ng/ml



#10 AR-1221-3

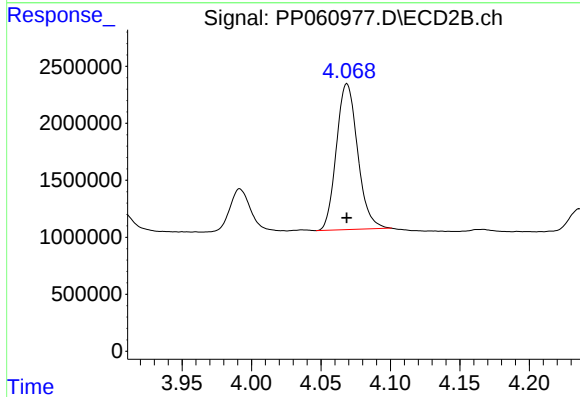
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 13658461
Conc: 325.67 ng/ml



#11 AR-1232-1

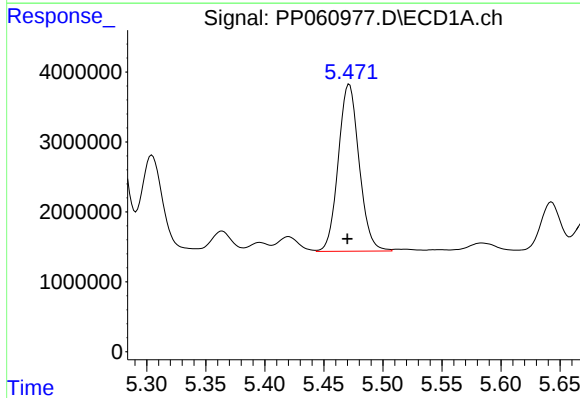
R.T.: 4.931 min
Delta R.T.: 0.001 min
Response: 20499918
Conc: 405.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



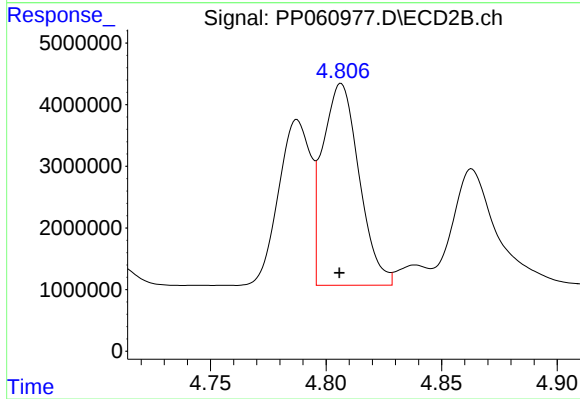
#11 AR-1232-1

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 13658461
Conc: 395.51 ng/ml



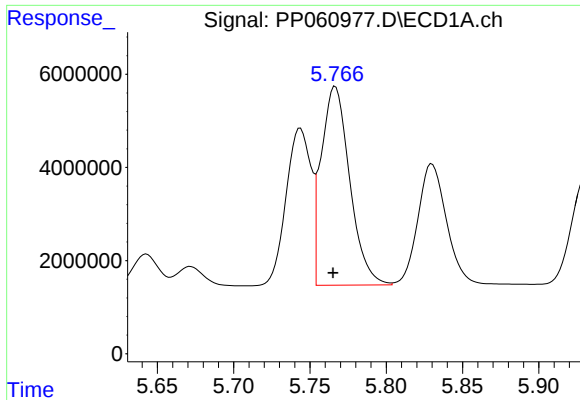
#12 AR-1232-2

R.T.: 5.472 min
Delta R.T.: 0.002 min
Response: 29297156
Conc: 1098.39 ng/ml



#12 AR-1232-2

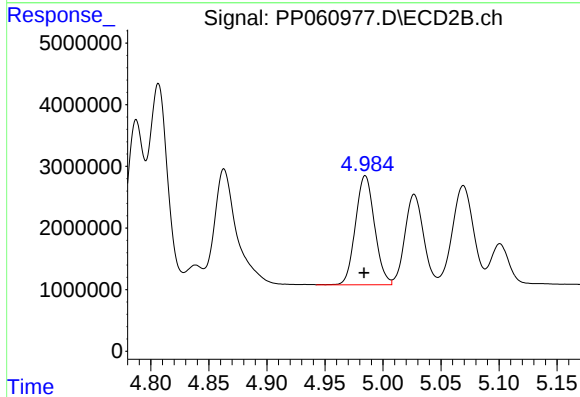
R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 35953704
Conc: 1087.20 ng/ml



#13 AR-1232-3

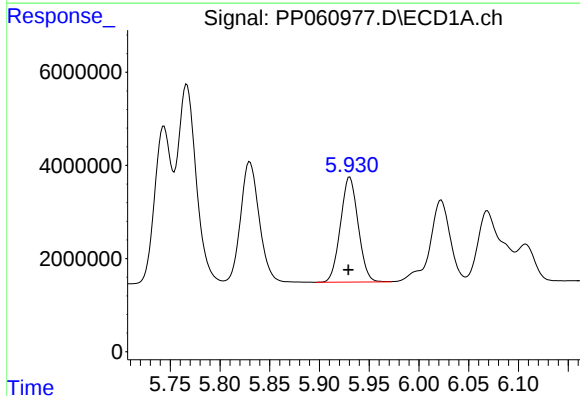
R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 55654932
Conc: 1185.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



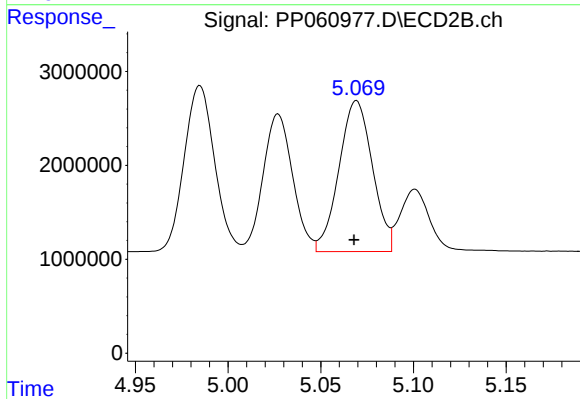
#13 AR-1232-3

R.T.: 4.985 min
Delta R.T.: 0.001 min
Response: 20336290
Conc: 1097.44 ng/ml



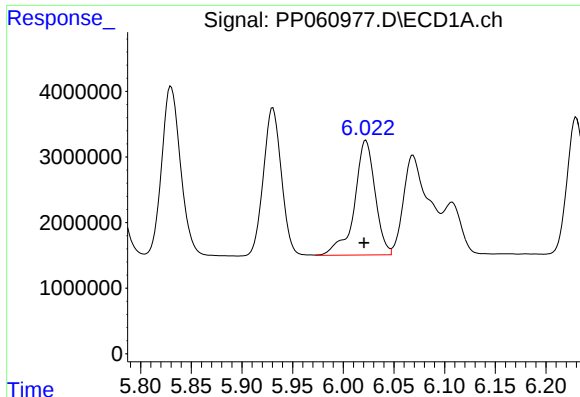
#14 AR-1232-4

R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 27934287
Conc: 1193.97 ng/ml



#14 AR-1232-4

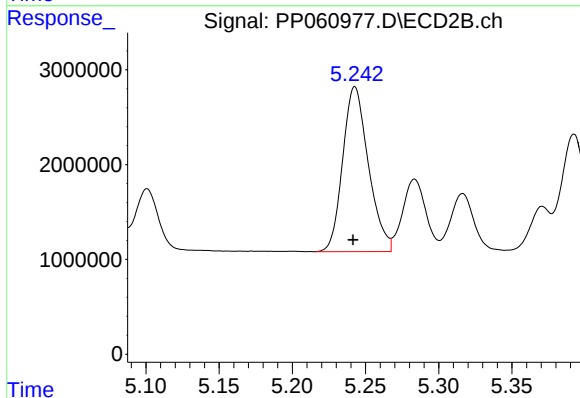
R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 20204592
Conc: 1202.75 ng/ml



#15 AR-1232-5

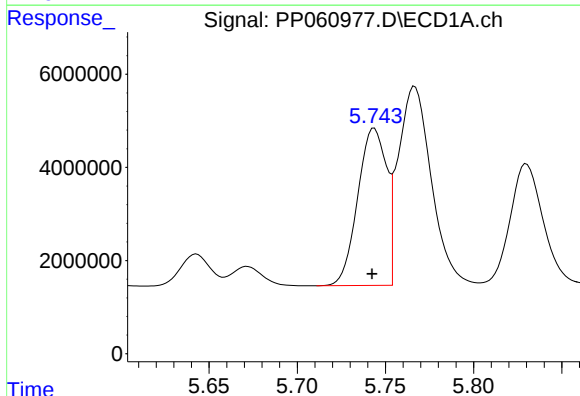
R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 24788669
Conc: 1271.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



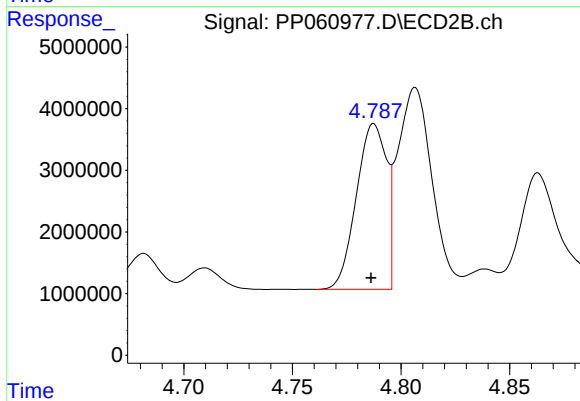
#15 AR-1232-5

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 21268880
Conc: 1132.24 ng/ml



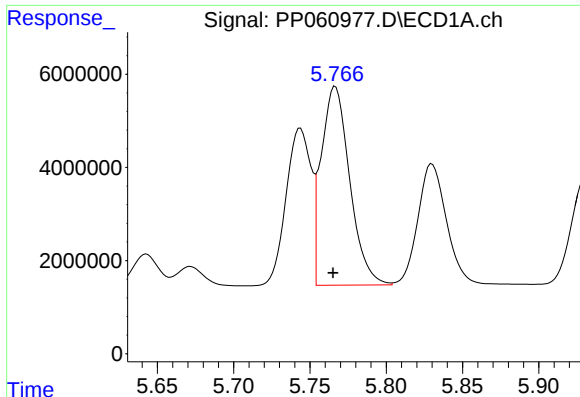
#16 AR-1242-1

R.T.: 5.744 min
Delta R.T.: 0.001 min
Response: 38306599
Conc: 681.88 ng/ml



#16 AR-1242-1

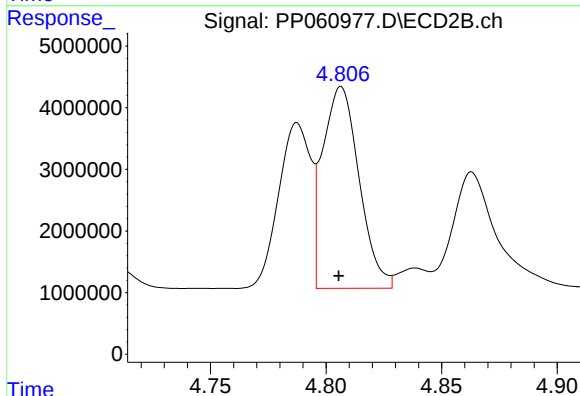
R.T.: 4.787 min
Delta R.T.: 0.001 min
Response: 25959965
Conc: 643.09 ng/ml



#17 AR-1242-2

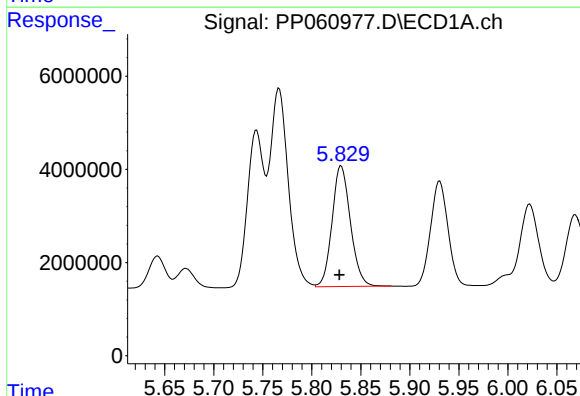
R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 55654932
Conc: 699.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



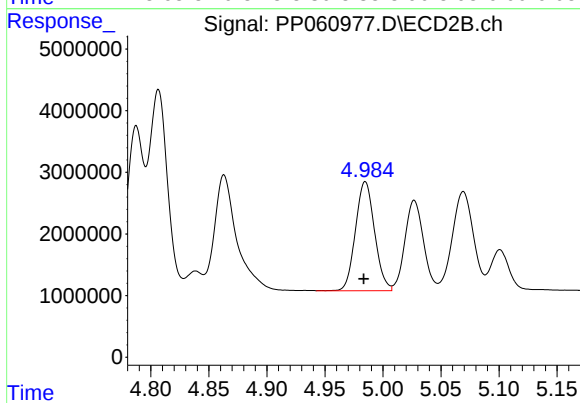
#17 AR-1242-2

R.T.: 4.807 min
Delta R.T.: 0.001 min
Response: 35953704
Conc: 656.66 ng/ml



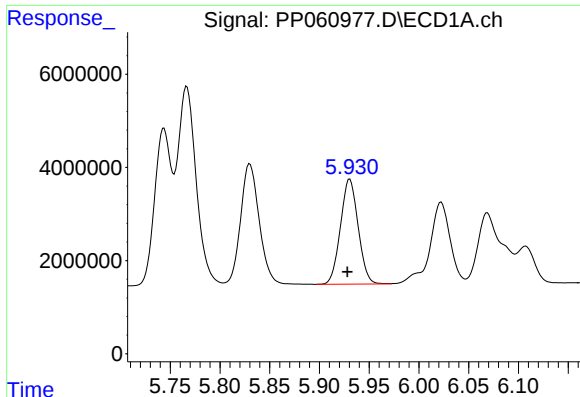
#18 AR-1242-3

R.T.: 5.830 min
Delta R.T.: 0.002 min
Response: 33812888
Conc: 681.10 ng/ml



#18 AR-1242-3

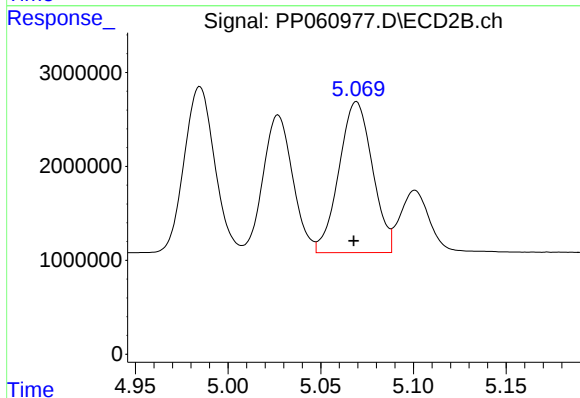
R.T.: 4.985 min
Delta R.T.: 0.001 min
Response: 20336290
Conc: 654.63 ng/ml



#19 AR-1242-4

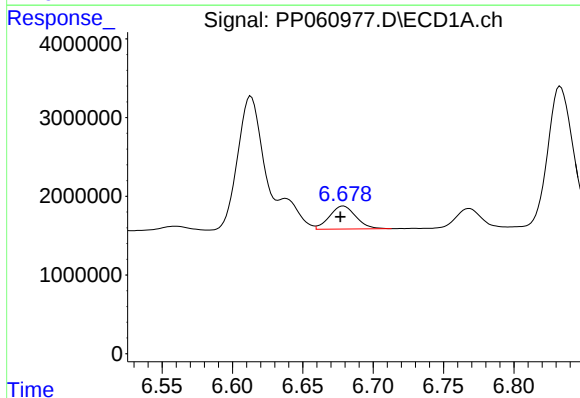
R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 27934287
Conc: 699.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



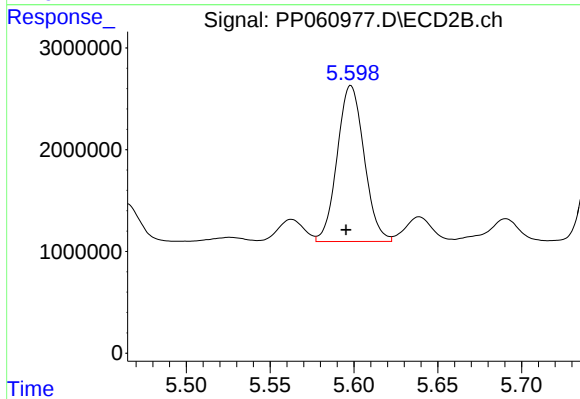
#19 AR-1242-4

R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 20204592
Conc: 643.09 ng/ml



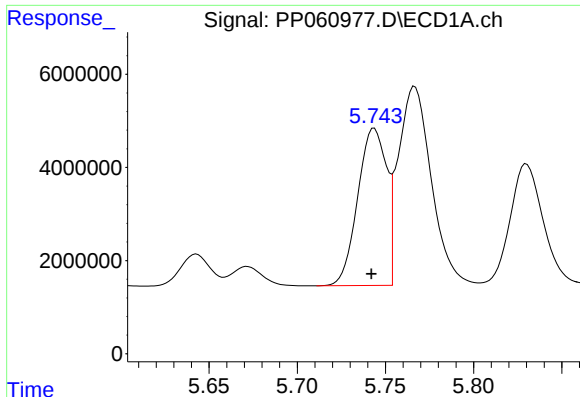
#20 AR-1242-5

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 3800361
Conc: 93.66 ng/ml



#20 AR-1242-5

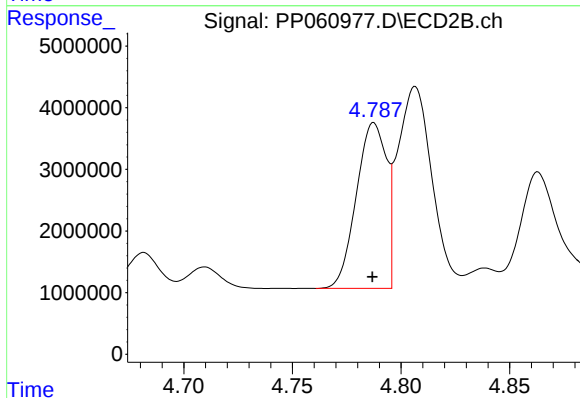
R.T.: 5.598 min
Delta R.T.: 0.003 min
Response: 17137202
Conc: 438.29 ng/ml



#21 AR-1248-1

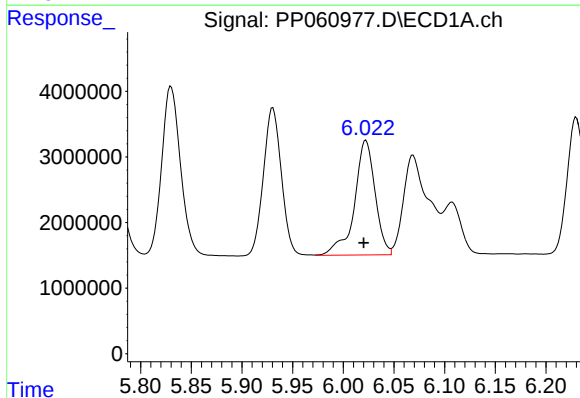
R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 38306599
Conc: 882.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



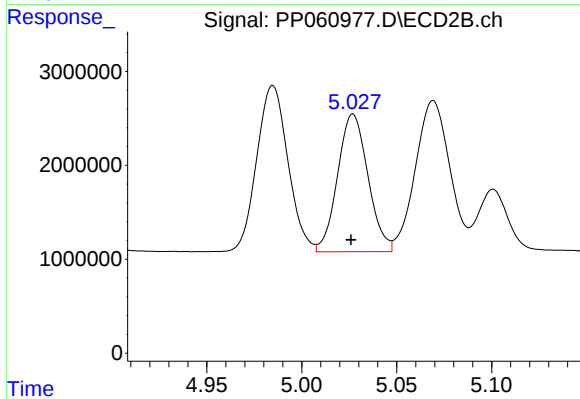
#21 AR-1248-1

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 25959965
Conc: 840.83 ng/ml



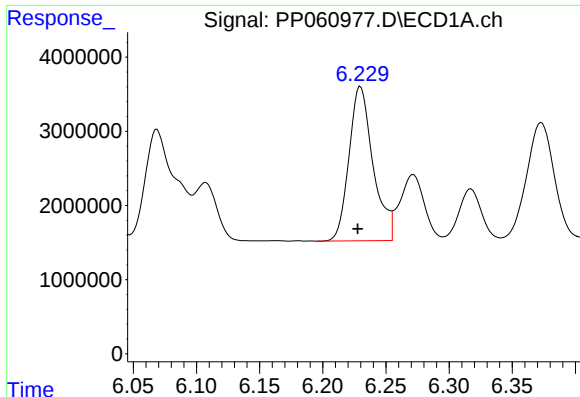
#22 AR-1248-2

R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 24788669
Conc: 383.37 ng/ml



#22 AR-1248-2

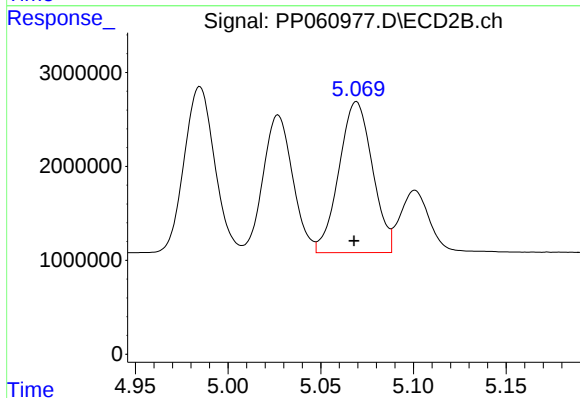
R.T.: 5.027 min
Delta R.T.: 0.001 min
Response: 16333091
Conc: 372.84 ng/ml



#23 AR-1248-3

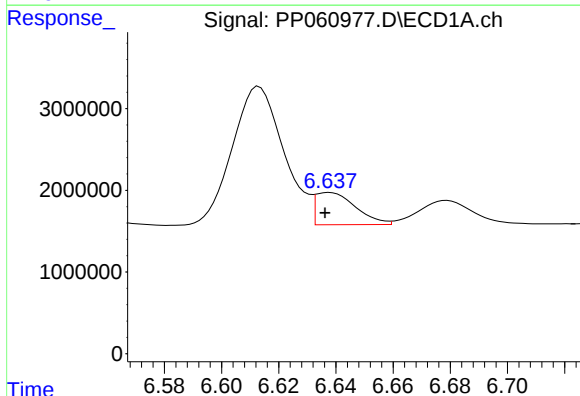
R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 27553061
Conc: 392.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



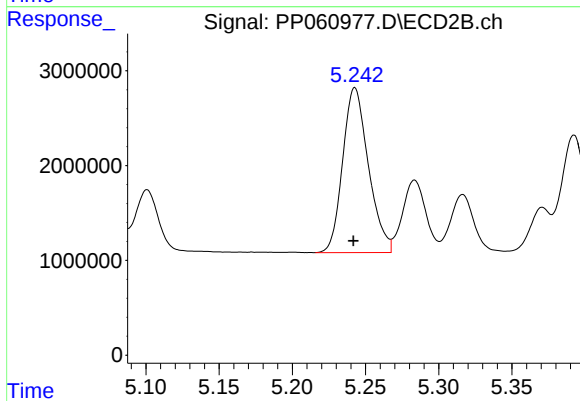
#23 AR-1248-3

R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 20204592
Conc: 435.87 ng/ml



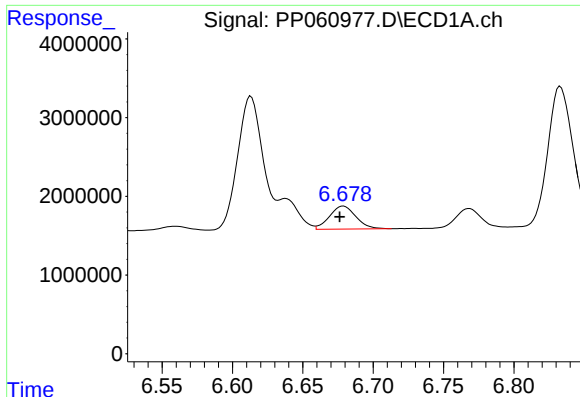
#24 AR-1248-4

R.T.: 6.638 min
Delta R.T.: 0.002 min
Response: 3826861
Conc: 50.09 ng/ml



#24 AR-1248-4

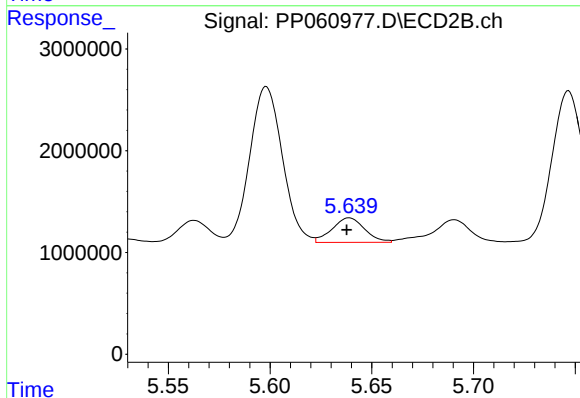
R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 21268880
Conc: 384.75 ng/ml



#25 AR-1248-5

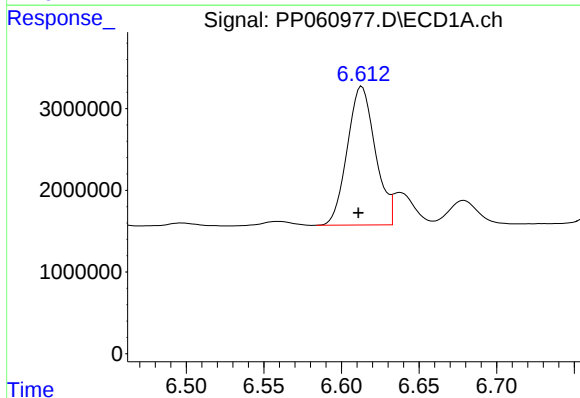
R.T.: 6.679 min
Delta R.T.: 0.003 min
Response: 3800361
Conc: 51.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



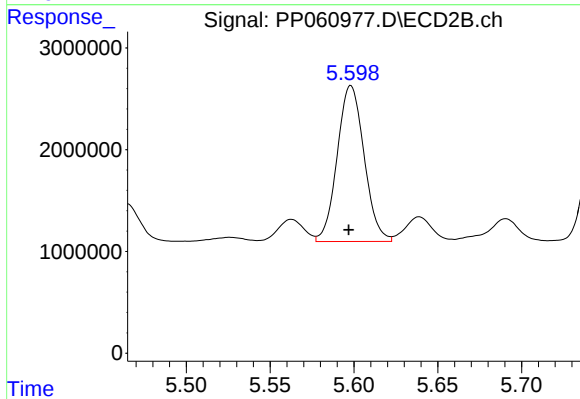
#25 AR-1248-5

R.T.: 5.639 min
Delta R.T.: 0.001 min
Response: 2688505
Conc: 51.57 ng/ml



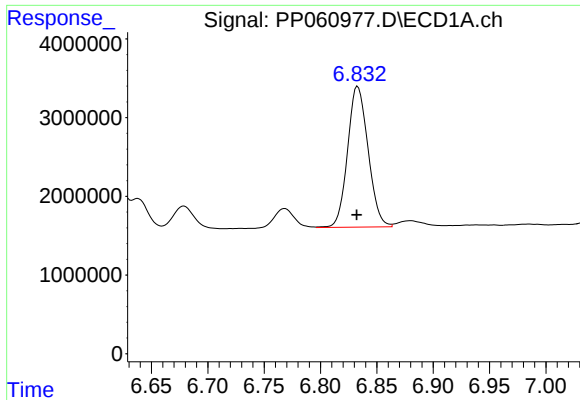
#26 AR-1254-1

R.T.: 6.613 min
Delta R.T.: 0.002 min
Response: 21297514
Conc: 269.29 ng/ml



#26 AR-1254-1

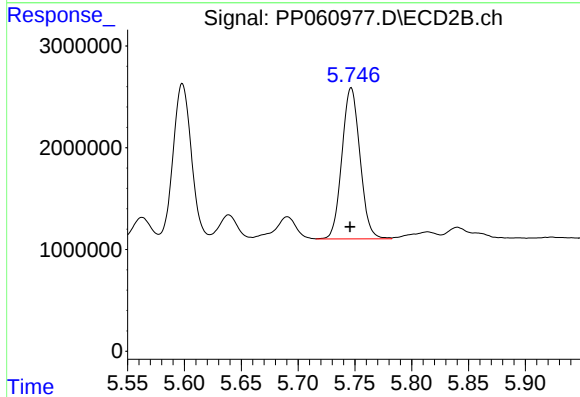
R.T.: 5.598 min
Delta R.T.: 0.001 min
Response: 17137202
Conc: 221.81 ng/ml



#27 AR-1254-2

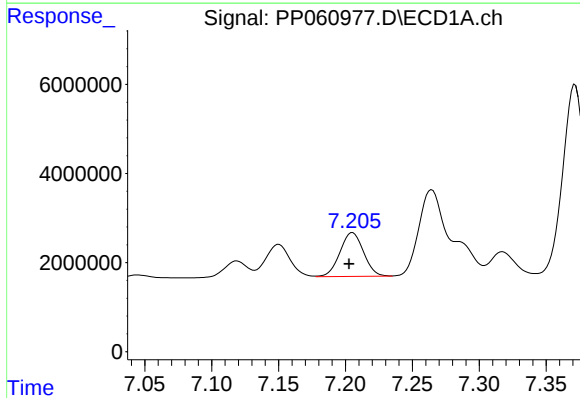
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 22649630
Conc: 190.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



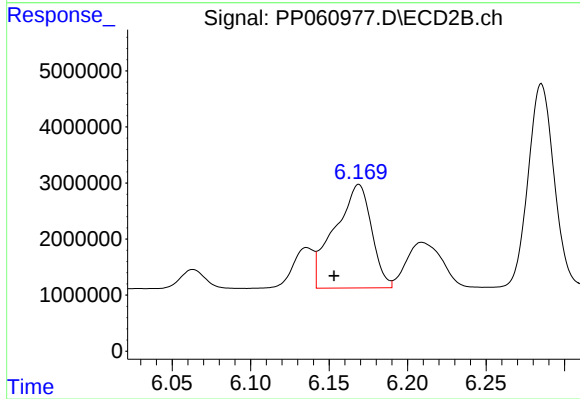
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: 0.001 min
Response: 16441189
Conc: 237.29 ng/ml



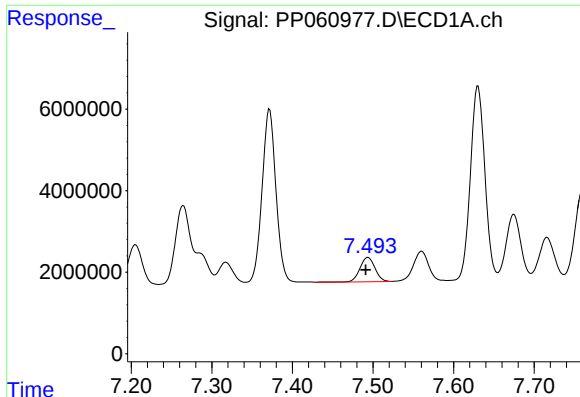
#28 AR-1254-3

R.T.: 7.205 min
Delta R.T.: 0.002 min
Response: 12100520
Conc: 98.91 ng/ml



#28 AR-1254-3

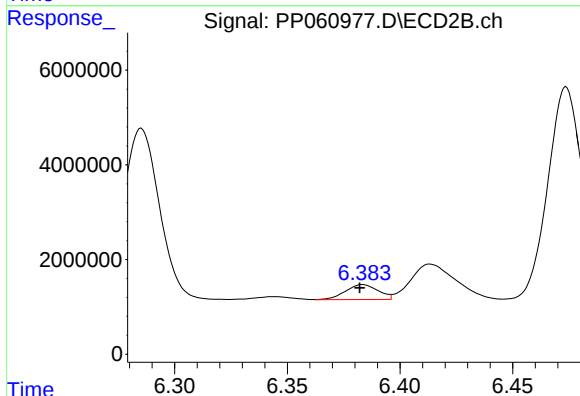
R.T.: 6.169 min
Delta R.T.: 0.016 min
Response: 30120697
Conc: 266.20 ng/ml



#29 AR-1254-4

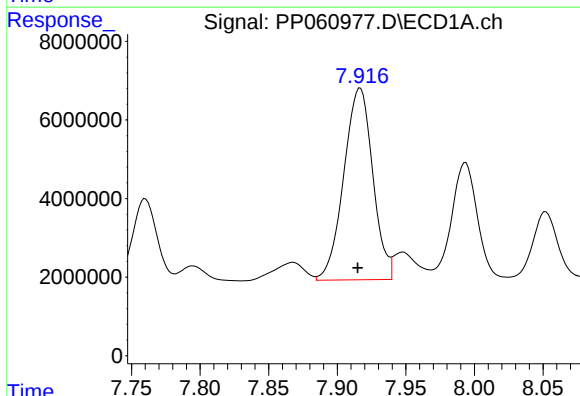
R.T.: 7.494 min
Delta R.T.: 0.003 min
Response: 7812278
Conc: 88.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



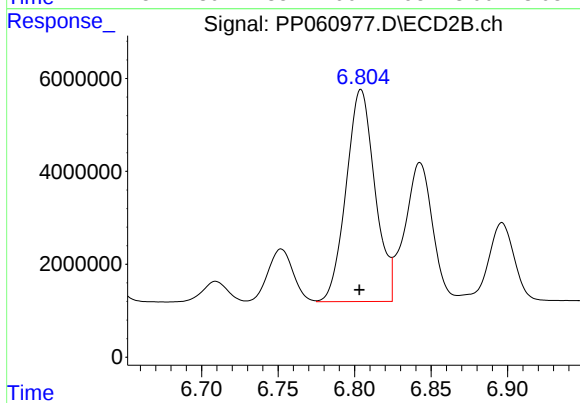
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: 0.001 min
Response: 3176738
Conc: 46.23 ng/ml



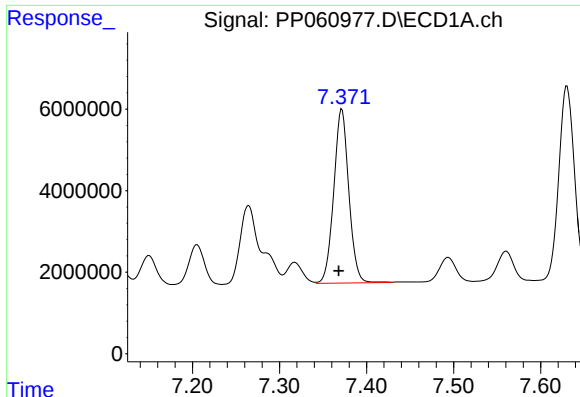
#30 AR-1254-5

R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 71801348
Conc: 723.07 ng/ml



#30 AR-1254-5

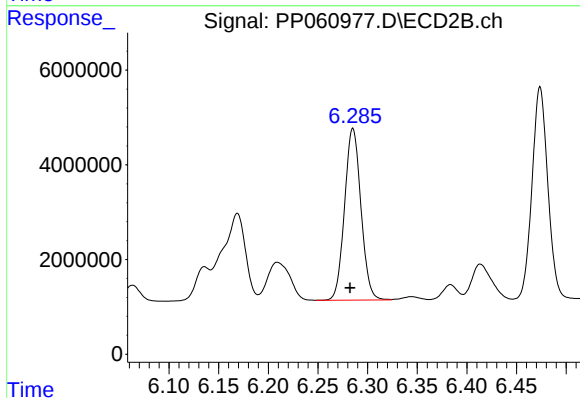
R.T.: 6.804 min
Delta R.T.: 0.001 min
Response: 59821625
Conc: 559.24 ng/ml



#31 AR-1260-1

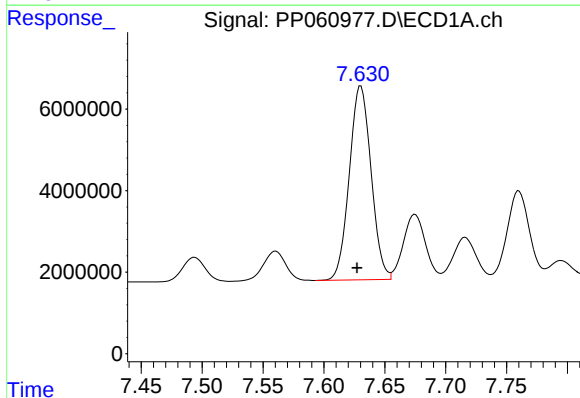
R.T.: 7.372 min
Delta R.T.: 0.004 min
Response: 51316479
Conc: 548.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



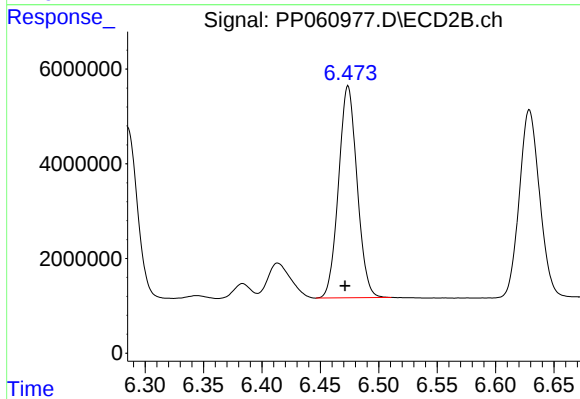
#31 AR-1260-1

R.T.: 6.285 min
Delta R.T.: 0.003 min
Response: 41669070
Conc: 503.55 ng/ml



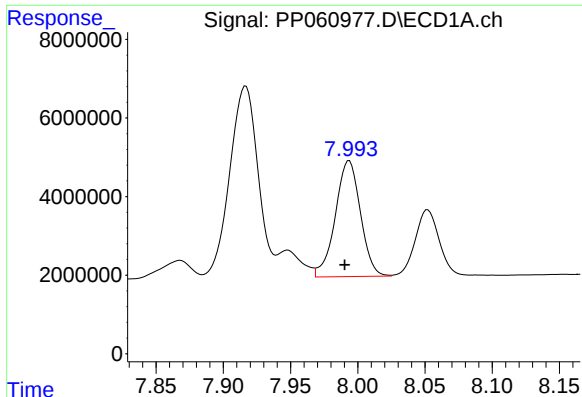
#32 AR-1260-2

R.T.: 7.630 min
Delta R.T.: 0.003 min
Response: 59175359
Conc: 545.06 ng/ml



#32 AR-1260-2

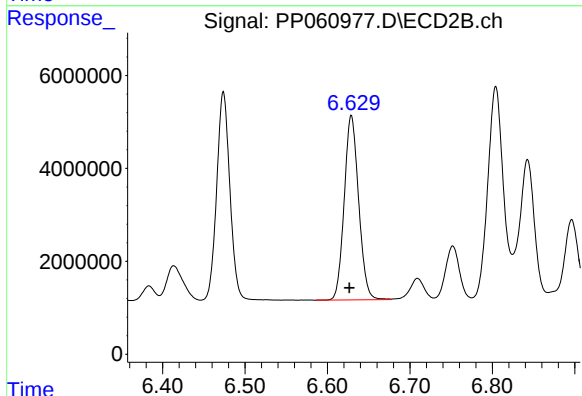
R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 49490342
Conc: 502.58 ng/ml



#33 AR-1260-3

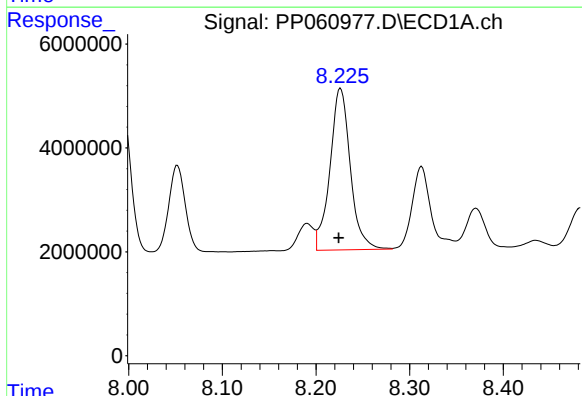
R.T.: 7.994 min
Delta R.T.: 0.003 min
Response: 38229779
Conc: 550.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



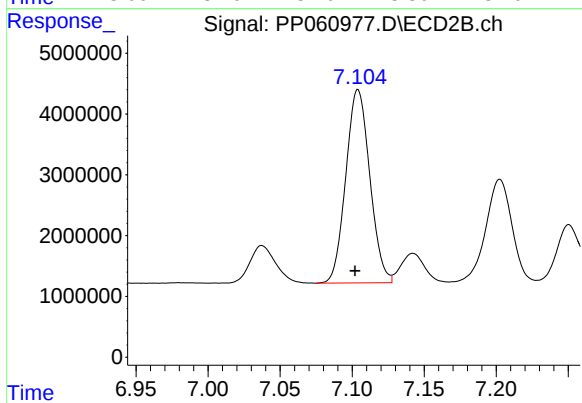
#33 AR-1260-3

R.T.: 6.629 min
Delta R.T.: 0.003 min
Response: 48230325
Conc: 510.01 ng/ml



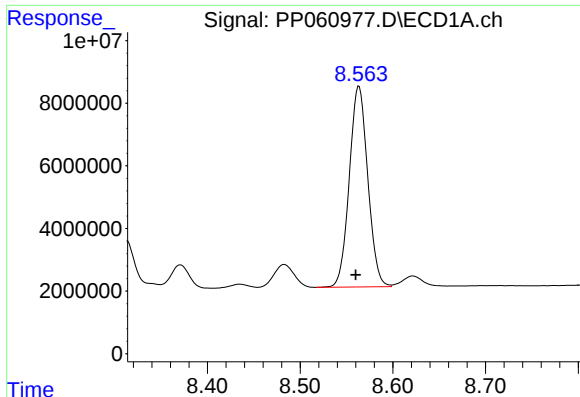
#34 AR-1260-4

R.T.: 8.226 min
Delta R.T.: 0.002 min
Response: 47017354
Conc: 551.15 ng/ml



#34 AR-1260-4

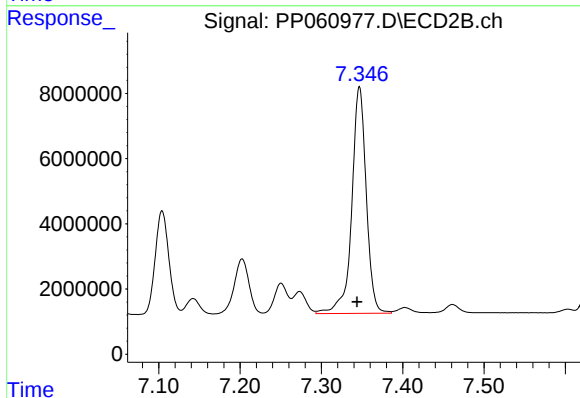
R.T.: 7.104 min
Delta R.T.: 0.002 min
Response: 36918565
Conc: 515.10 ng/ml



#35 AR-1260-5

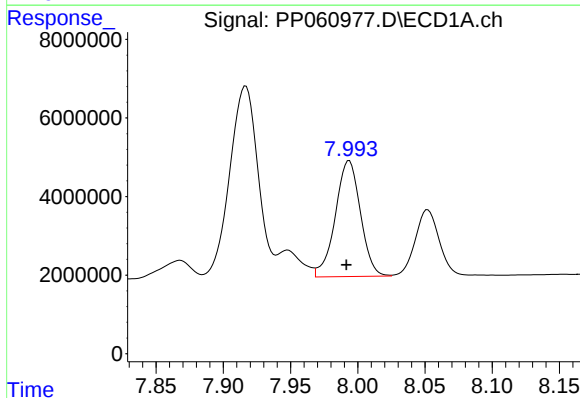
R.T.: 8.563 min
Delta R.T.: 0.003 min
Response: 88645007
Conc: 549.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



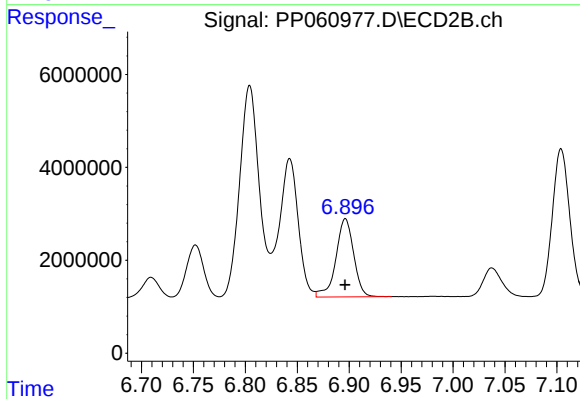
#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.003 min
Response: 86152185
Conc: 513.67 ng/ml



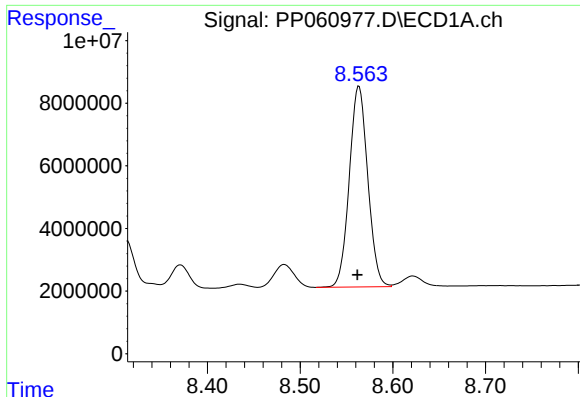
#36 AR-1262-1

R.T.: 7.994 min
Delta R.T.: 0.002 min
Response: 38229779
Conc: 304.37 ng/ml



#36 AR-1262-1

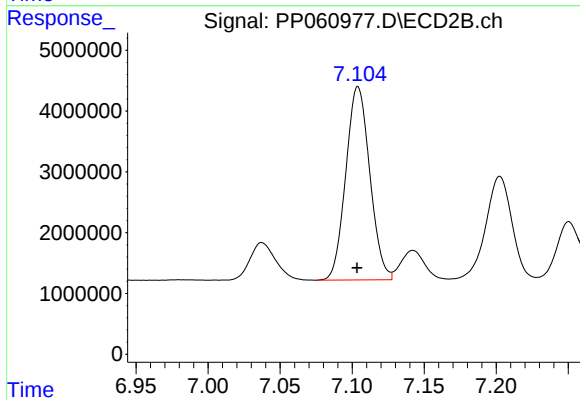
R.T.: 6.896 min
Delta R.T.: 0.000 min
Response: 20082121
Conc: 421.27 ng/ml



#37 AR-1262-2

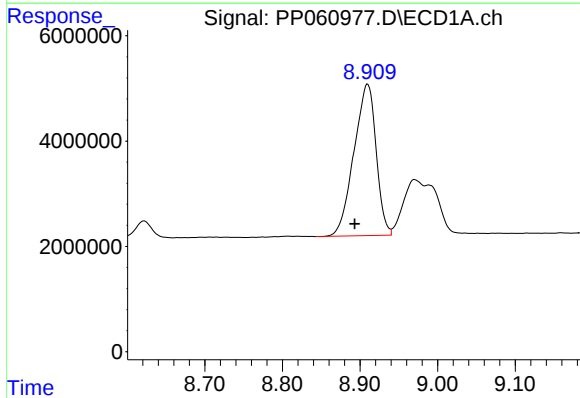
R.T.: 8.563 min
Delta R.T.: 0.002 min
Response: 88645007
Conc: 400.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



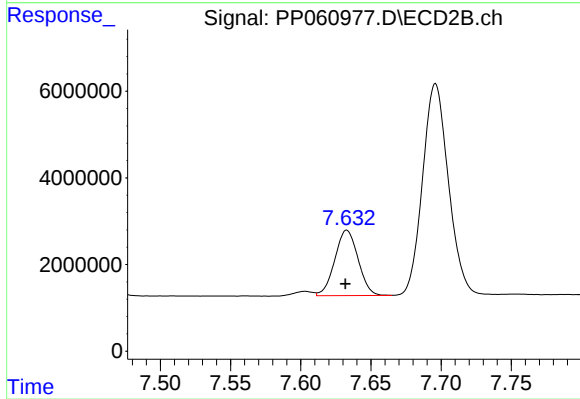
#37 AR-1262-2

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 36918565
Conc: 350.52 ng/ml



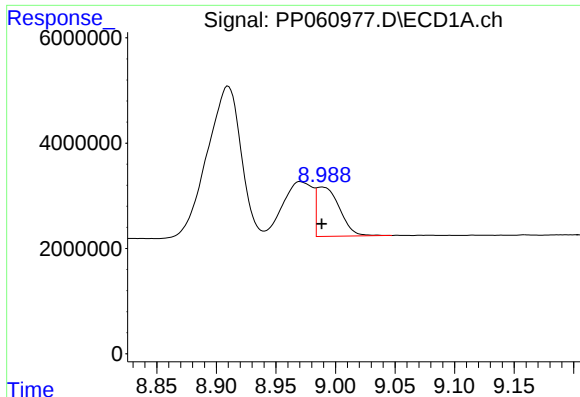
#38 AR-1262-3

R.T.: 8.910 min
Delta R.T.: 0.017 min
Response: 57114239
Conc: 380.32 ng/ml



#38 AR-1262-3

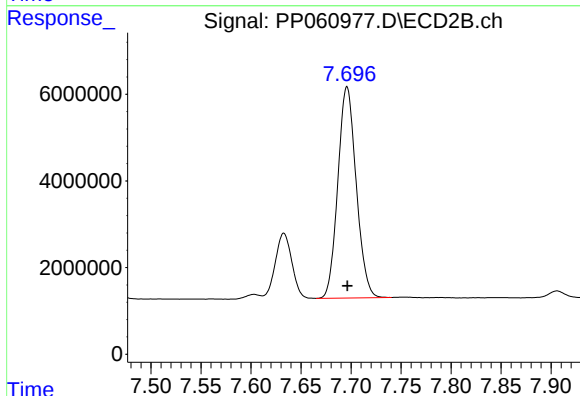
R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 17408896
Conc: 207.95 ng/ml



#39 AR-1262-4

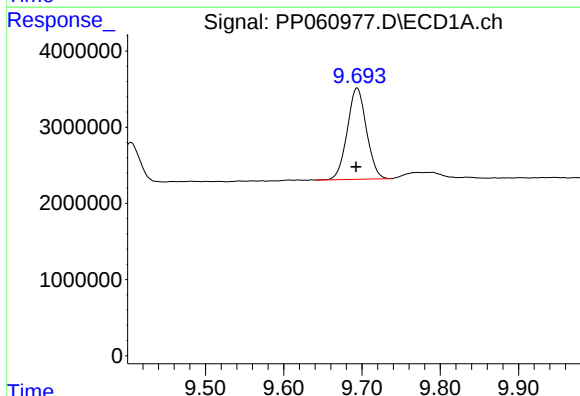
R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 12472699
Conc: 110.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



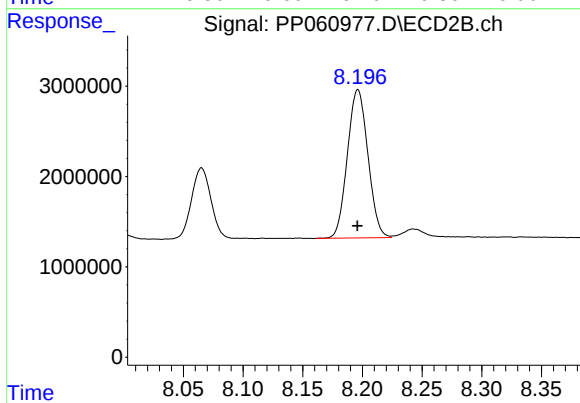
#39 AR-1262-4

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 62293064
Conc: 411.95 ng/ml



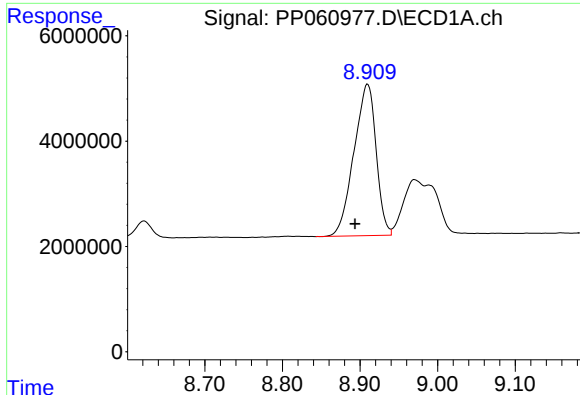
#40 AR-1262-5

R.T.: 9.694 min
Delta R.T.: 0.001 min
Response: 20428931
Conc: 271.51 ng/ml



#40 AR-1262-5

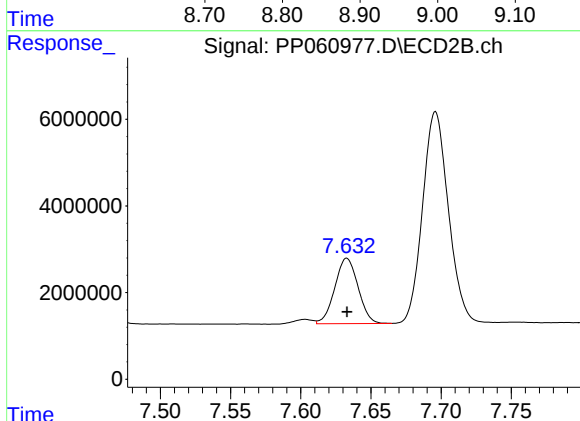
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 19654653
Conc: 277.70 ng/ml



#41 AR-1268-1

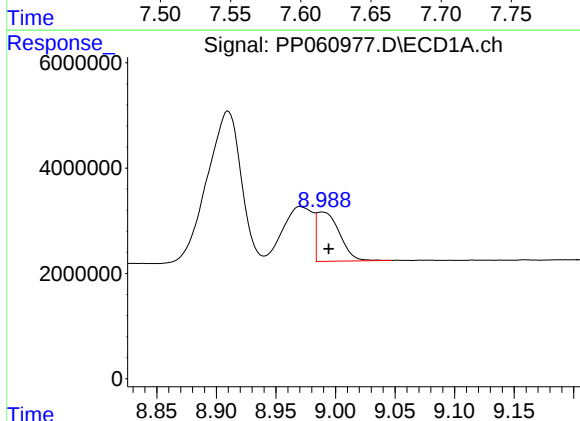
R.T.: 8.910 min
Delta R.T.: 0.016 min
Response: 57114239
Conc: 219.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



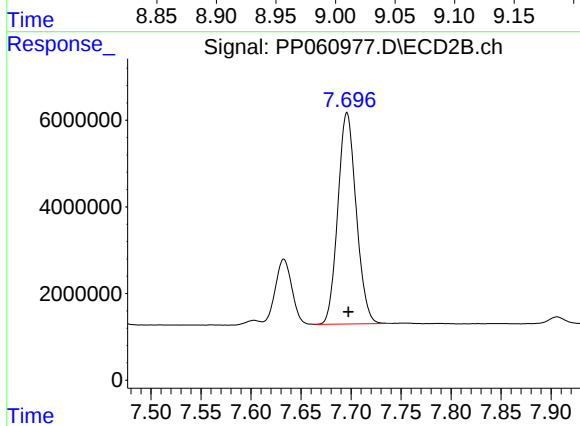
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 17408896
Conc: 72.56 ng/ml



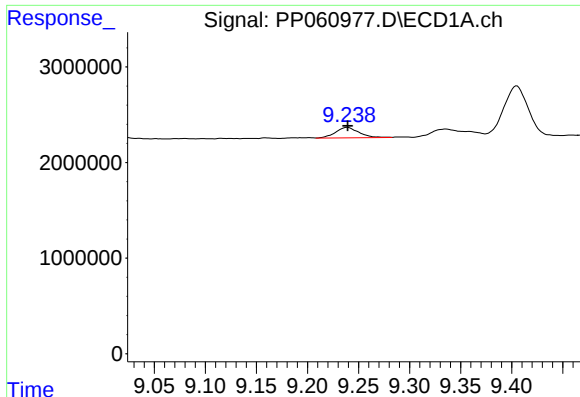
#42 AR-1268-2

R.T.: 8.989 min
Delta R.T.: -0.005 min
Response: 12472699
Conc: 53.20 ng/ml



#42 AR-1268-2

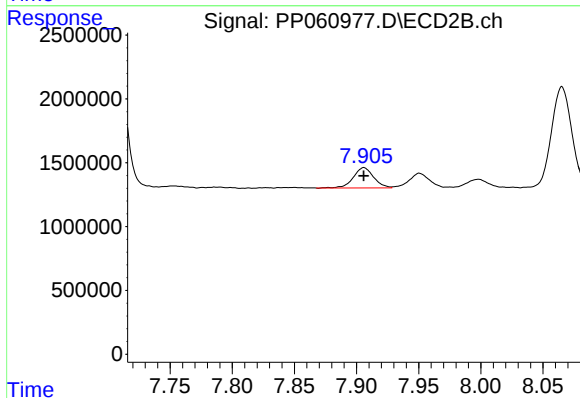
R.T.: 7.696 min
Delta R.T.: -0.001 min
Response: 62293064
Conc: 290.33 ng/ml



#43 AR-1268-3

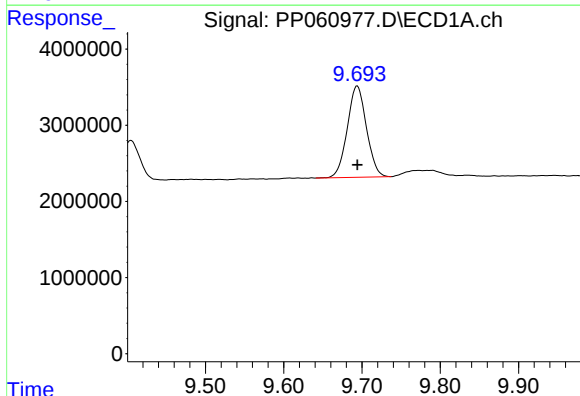
R.T.: 9.239 min
Delta R.T.: 0.000 min
Response: 1736208
Conc: 8.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



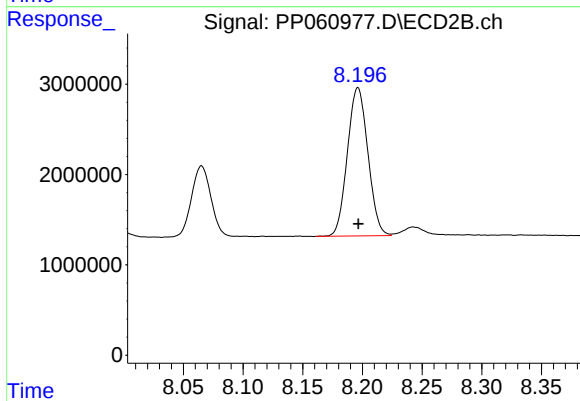
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 1808592
Conc: 9.55 ng/ml



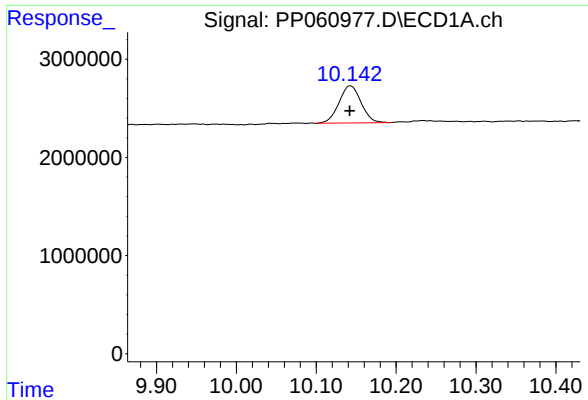
#44 AR-1268-4

R.T.: 9.694 min
Delta R.T.: 0.000 min
Response: 20428931
Conc: 253.63 ng/ml



#44 AR-1268-4

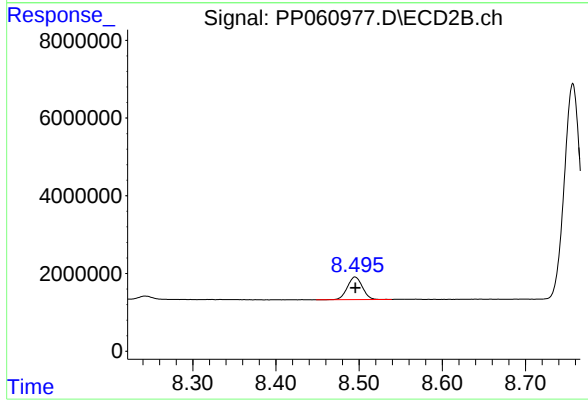
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 19654653
Conc: 256.49 ng/ml



#45 AR-1268-5

R.T.: 10.143 min
Delta R.T.: 0.000 min
Response: 7302428
Conc: 11.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 7318324
Conc: 13.25 ng/ml