

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101323\
 Data File : PP060988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2023 02:11
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 13:43:01 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...	4.551	3.687	121.9E6	68852524	55.445	50.926
2)	SA Decachlor...	10.512	8.756	87754465	75271109	56.038	50.063
Target Compounds							
3)	L1 AR-1016-1	5.743	4.786	39223733	25688524	546.369	493.590
4)	L1 AR-1016-2	5.766	4.805	56045792	36004941	546.415	502.728
5)	L1 AR-1016-3	5.830	4.984	34405493	20303187	550.575	502.465
6)	L1 AR-1016-4	5.930	5.026	28233426	16136853	552.692	498.880
7)	L1 AR-1016-5	6.229	5.242	27912152	21540122	552.072	515.890
8)	L2 AR-1221-1	4.757	3.903	3887342	2809498	138.394	137.735
9)	L2 AR-1221-2	4.852	3.991	5834735	3912735	280.930	266.354
10)	L2 AR-1221-3	4.929	4.067	20926888	13883430	339.125	331.031
11)	L3 AR-1232-1	4.929	4.067	20926888	13883430	413.673	402.027
12)	L3 AR-1232-2	5.471	4.805	29962861	36004941	1123.347	1088.750
13)	L3 AR-1232-3	5.766	4.984	56045792	20303187	1194.292	1095.654
14)	L3 AR-1232-4	5.930	5.068	28233426	20110714	1206.756	1197.164
15)	L3 AR-1232-5	6.021	5.242	24922870	21540122	1278.847	1146.682
16)	L4 AR-1242-1	5.743	4.786	39223733	25688524	698.202	636.362
17)	L4 AR-1242-2	5.766	4.805	56045792	36004941	704.537	657.596
18)	L4 AR-1242-3	5.830	4.984	34405493	20303187	693.038	653.569
19)	L4 AR-1242-4	5.930	5.068	28233426	20110714	706.788	640.101
20)	L4 AR-1242-5	6.677	5.597	4502428	17206659	110.963	440.068 #
21)	L5 AR-1248-1	5.743	4.786	39223733	25688524	903.349	832.034
22)	L5 AR-1248-2	6.021	5.026	24922870	16136853	385.444	368.360
23)	L5 AR-1248-3	6.229	5.068	27912152	20110714	397.523	433.842
24)	L5 AR-1248-4	6.637	5.242	4200216	21540122	54.972	389.658 #
25)	L5 AR-1248-5	6.677	5.637	4502428	2911454	61.014	55.848
26)	L6 AR-1254-1	6.612	5.597	22143227	17206659	279.978	222.707
27)	L6 AR-1254-2	6.833	5.746	23028804	16278809	193.312	234.950
28)	L6 AR-1254-3	7.204	6.168f	12335191	29334485	100.827	259.250 #
29)	L6 AR-1254-4	7.493	6.382	7845319	3077861	89.132	44.796 #
30)	L6 AR-1254-5	7.916	6.803	71492235	58857787	719.961	550.231
31)	L7 AR-1260-1	7.370	6.284	51443893	40849942	549.582	493.650
32)	L7 AR-1260-2	7.630	6.473	58789848	48617543	541.505	493.716
33)	L7 AR-1260-3	7.993	6.628	37889052	47163169	545.152	498.724
34)	L7 AR-1260-4	8.226	7.103	46924247	36159442	550.062	504.509
35)	L7 AR-1260-5	8.563	7.346	88234530	84729835	546.874	505.187
36)	L8 AR-1262-1	7.993	6.896	37889052	19804390	301.656	415.447 #
37)	L8 AR-1262-2	8.563	7.103	88234530	36159442	398.792	343.311
38)	L8 AR-1262-3	8.910f	7.632	57064844	17166062	379.996	205.046 #
39)	L8 AR-1262-4	8.971f	7.695	30611892	61418200	270.654	406.164 #
40)	L8 AR-1262-5	9.694	8.196	20432243	19280271	271.550	272.406
41)	L9 AR-1268-1	8.910f	7.632	57064844	17166062	218.998	71.551 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

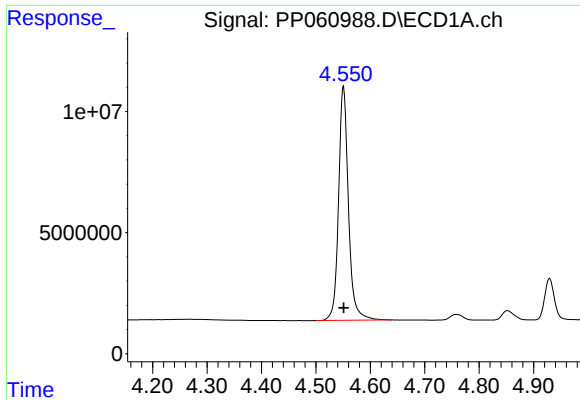
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 13:43:01 2023
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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	8.971f	7.695	30611892	61418200	130.557	286.257 #
43) L9	AR-1268-3	9.240	7.905	1711585	1773861	8.370	9.364
44) L9	AR-1268-4	9.694	8.196	20432243	19280271	253.672	251.608
45) L9	AR-1268-5	10.143	8.494	7283506	7066449	11.416	12.796

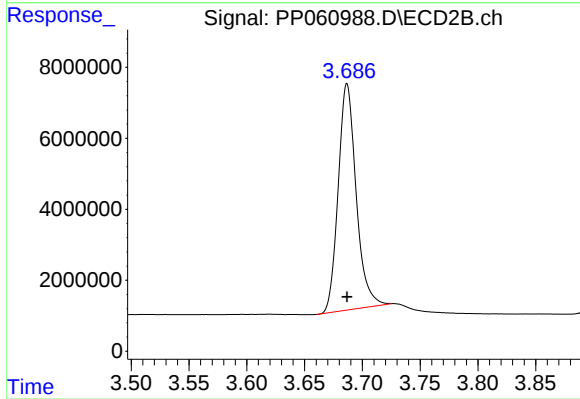
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

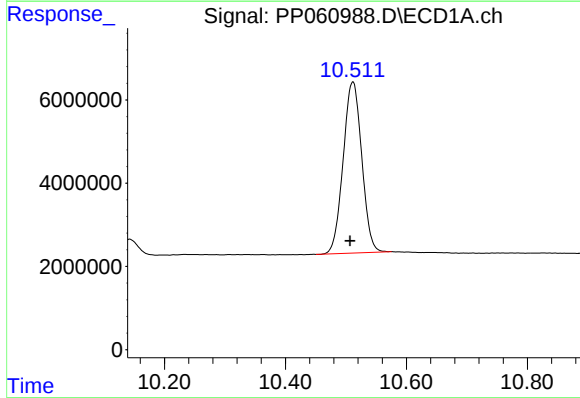
R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 121885852
Conc: 55.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



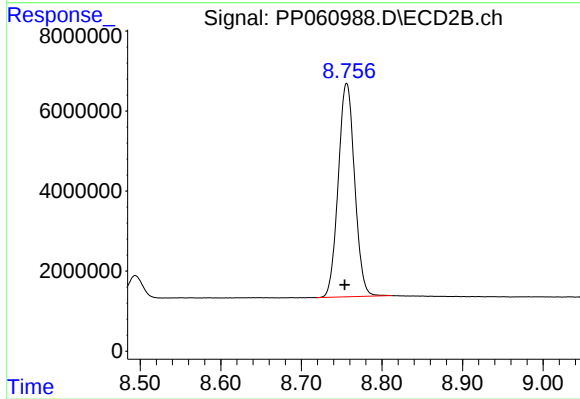
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 68852524
Conc: 50.93 ng/ml



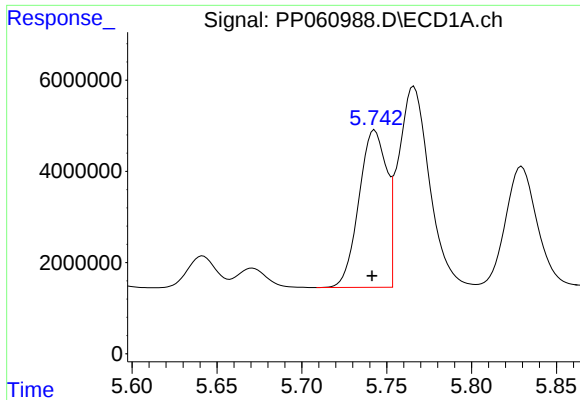
#2 Decachlorobiphenyl

R.T.: 10.512 min
Delta R.T.: 0.005 min
Response: 87754465
Conc: 56.04 ng/ml



#2 Decachlorobiphenyl

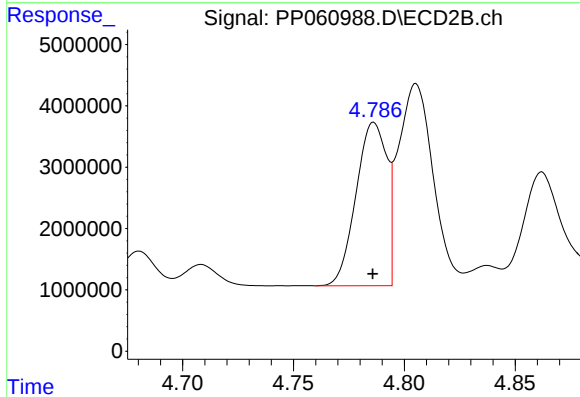
R.T.: 8.756 min
Delta R.T.: 0.002 min
Response: 75271109
Conc: 50.06 ng/ml



#3 AR-1016-1

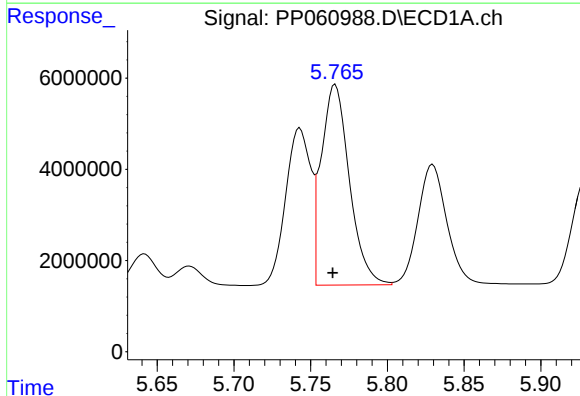
R.T.: 5.743 min
Delta R.T.: 0.002 min
Response: 39223733
Conc: 546.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



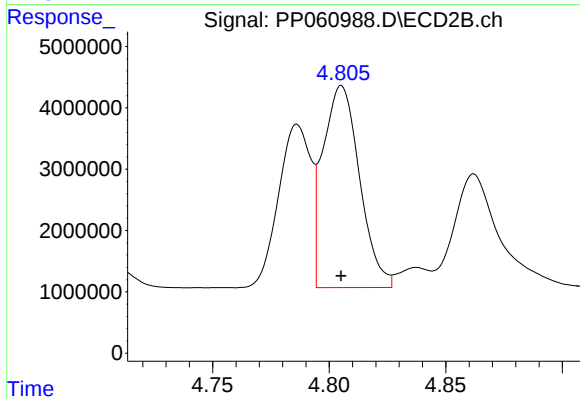
#3 AR-1016-1

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 25688524
Conc: 493.59 ng/ml



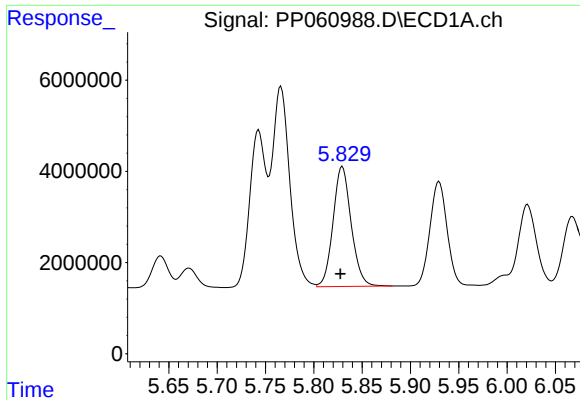
#4 AR-1016-2

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 56045792
Conc: 546.42 ng/ml



#4 AR-1016-2

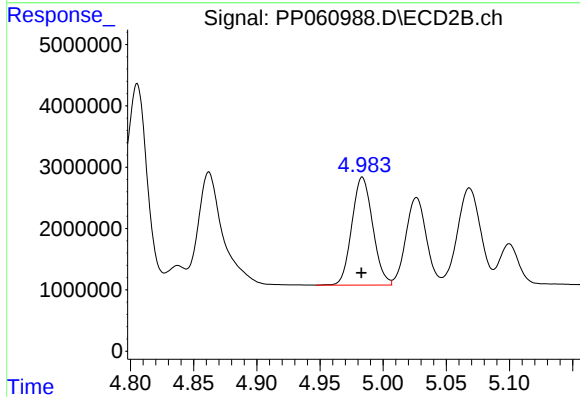
R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 36004941
Conc: 502.73 ng/ml



#5 AR-1016-3

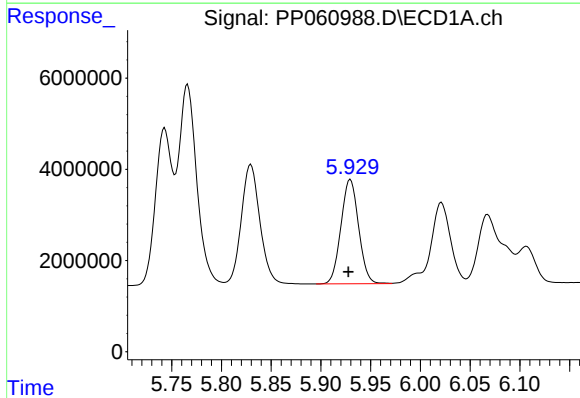
R.T.: 5.830 min
Delta R.T.: 0.002 min
Response: 34405493
Conc: 550.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



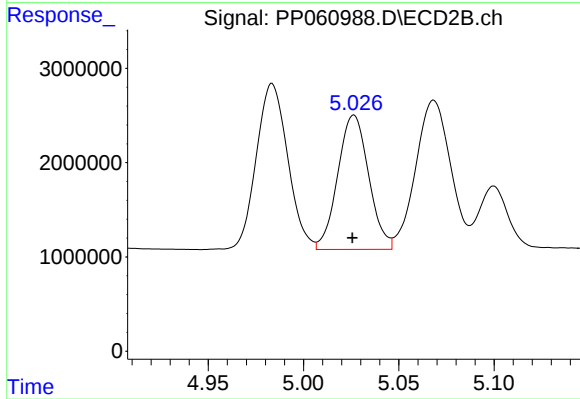
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 20303187
Conc: 502.46 ng/ml



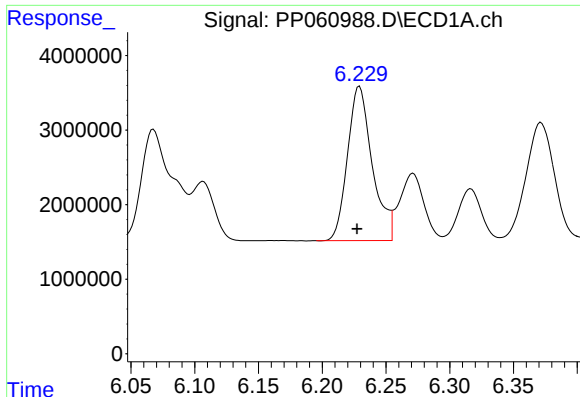
#6 AR-1016-4

R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 28233426
Conc: 552.69 ng/ml



#6 AR-1016-4

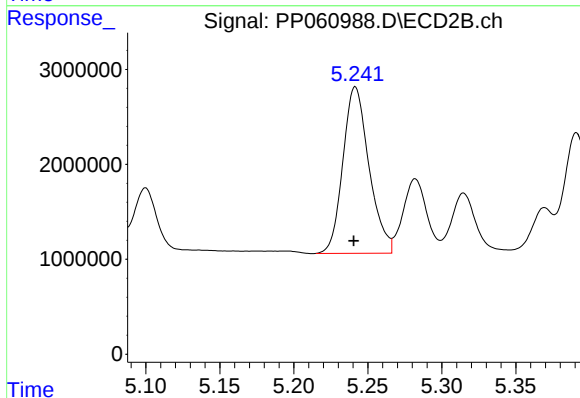
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 16136853
Conc: 498.88 ng/ml



#7 AR-1016-5

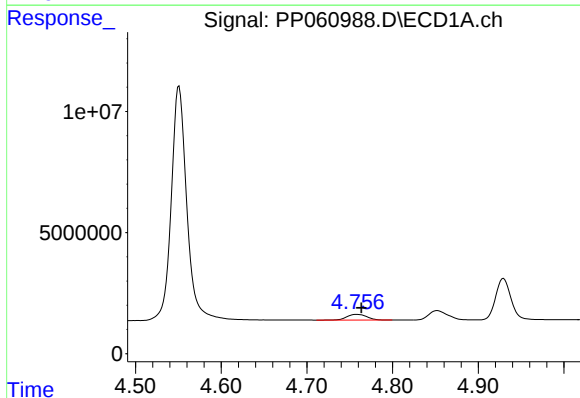
R.T.: 6.229 min
Delta R.T.: 0.002 min
Response: 27912152
Conc: 552.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



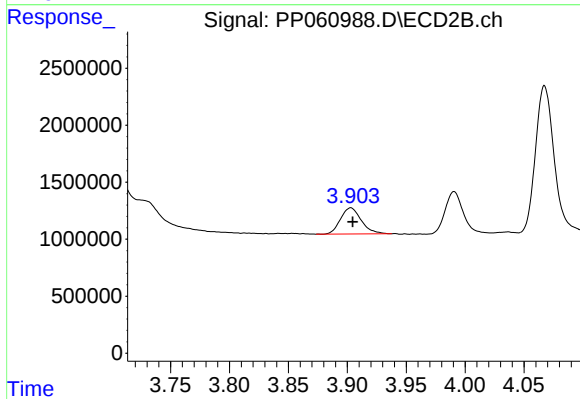
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 21540122
Conc: 515.89 ng/ml



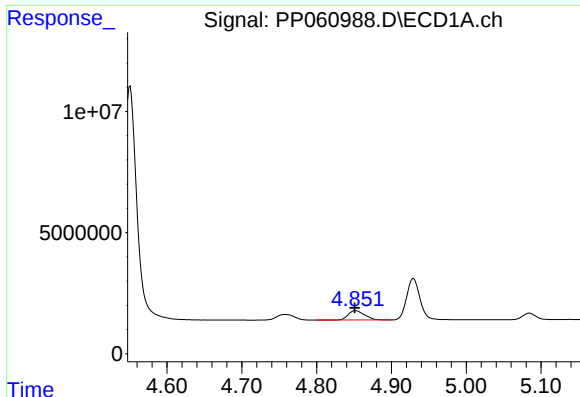
#8 AR-1221-1

R.T.: 4.757 min
Delta R.T.: -0.006 min
Response: 3887342
Conc: 138.39 ng/ml



#8 AR-1221-1

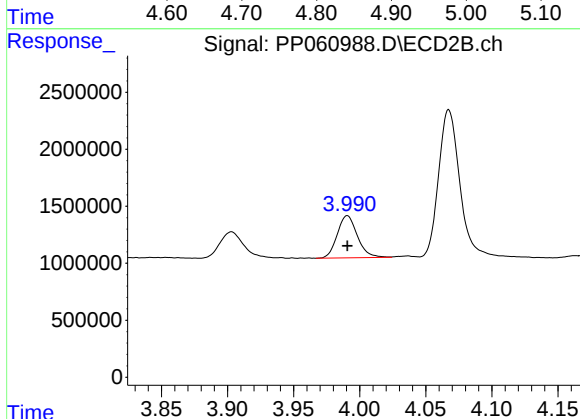
R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 2809498
Conc: 137.74 ng/ml



#9 AR-1221-2

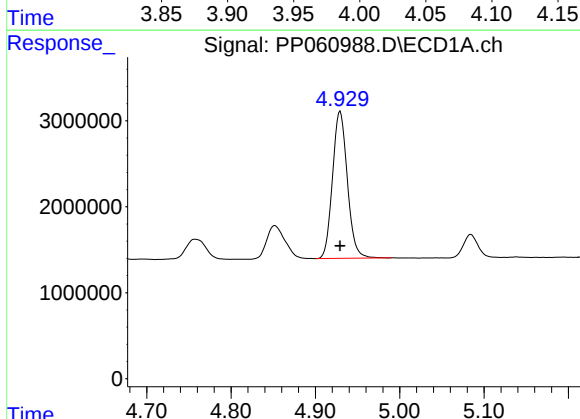
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 5834735
Conc: 280.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



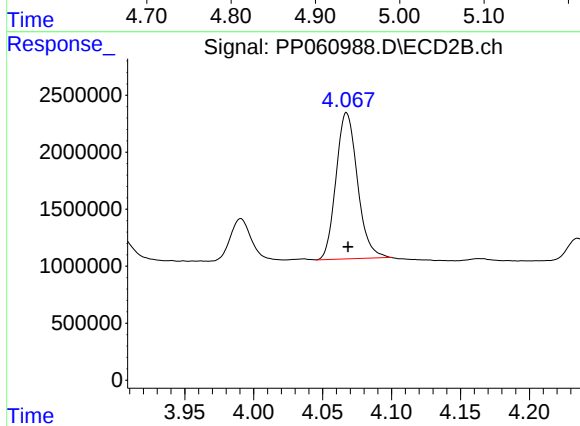
#9 AR-1221-2

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 3912735
Conc: 266.35 ng/ml



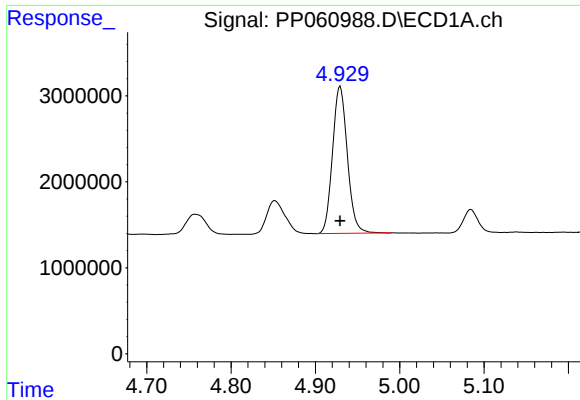
#10 AR-1221-3

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 2092688
Conc: 339.12 ng/ml



#10 AR-1221-3

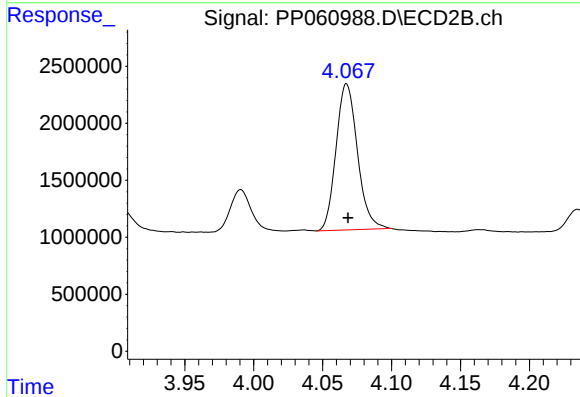
R.T.: 4.067 min
Delta R.T.: -0.001 min
Response: 13883430
Conc: 331.03 ng/ml



#11 AR-1232-1

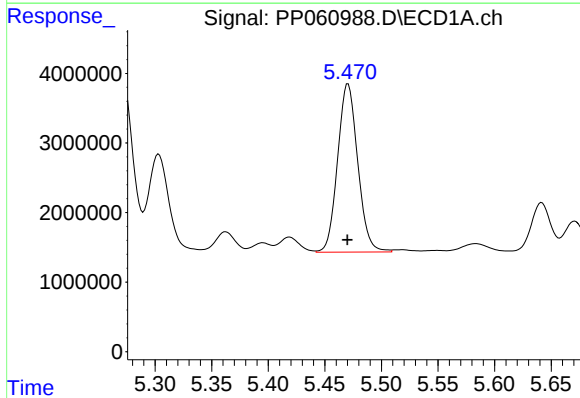
R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 20926888
Conc: 413.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



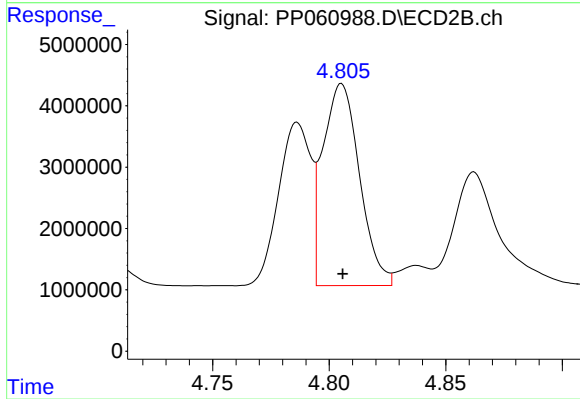
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: -0.001 min
Response: 13883430
Conc: 402.03 ng/ml



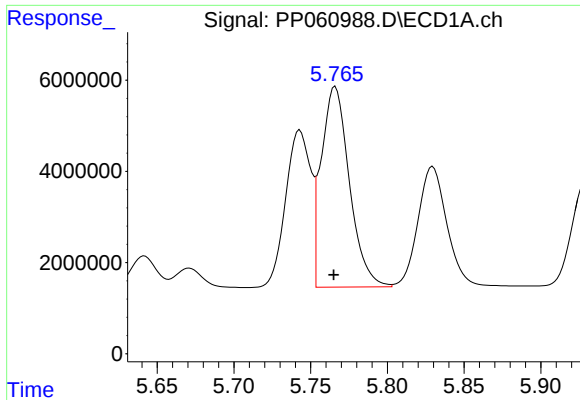
#12 AR-1232-2

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 29962861
Conc: 1123.35 ng/ml



#12 AR-1232-2

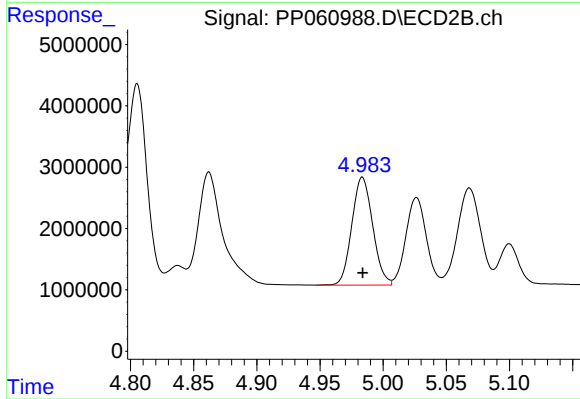
R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 36004941
Conc: 1088.75 ng/ml



#13 AR-1232-3

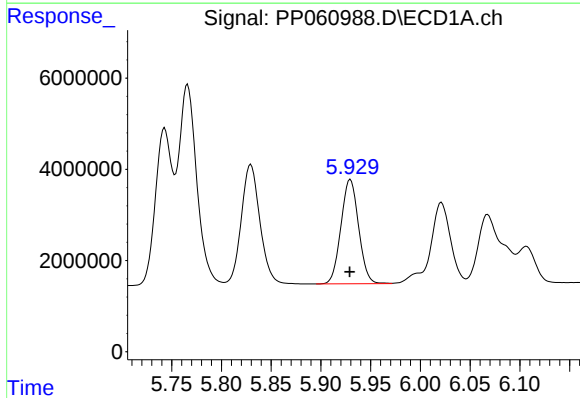
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 56045792
Conc: 1194.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



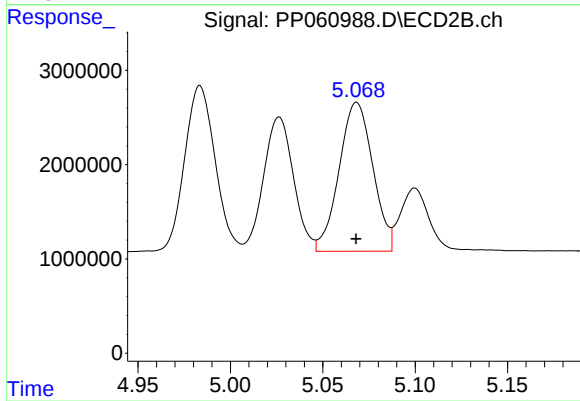
#13 AR-1232-3

R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 20303187
Conc: 1095.65 ng/ml



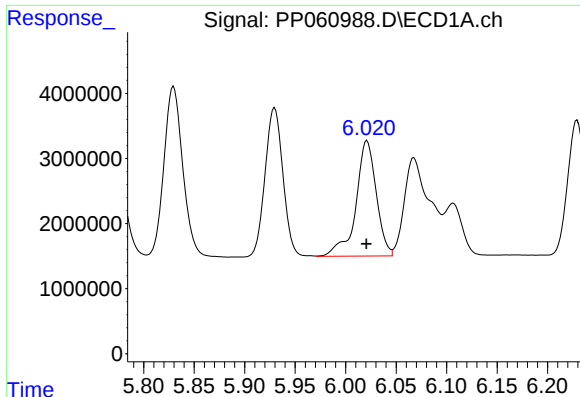
#14 AR-1232-4

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 28233426
Conc: 1206.76 ng/ml



#14 AR-1232-4

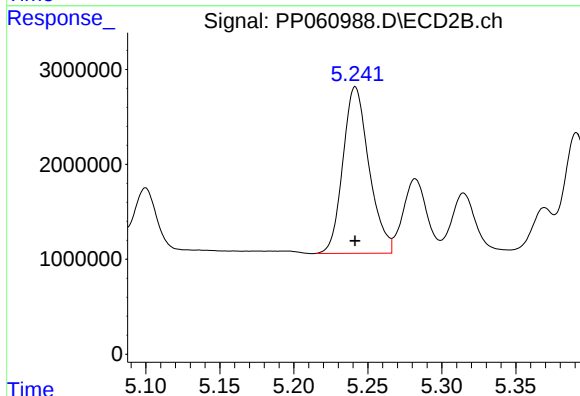
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 20110714
Conc: 1197.16 ng/ml



#15 AR-1232-5

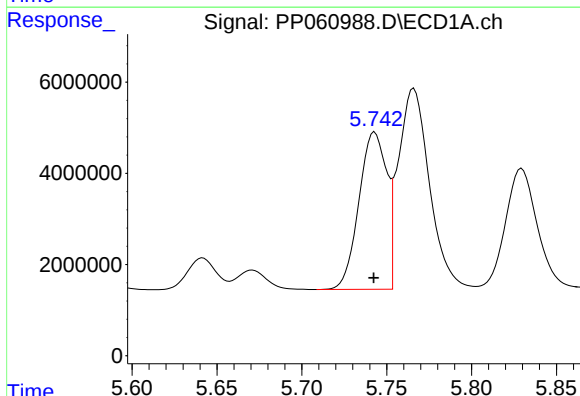
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 24922870
Conc: 1278.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



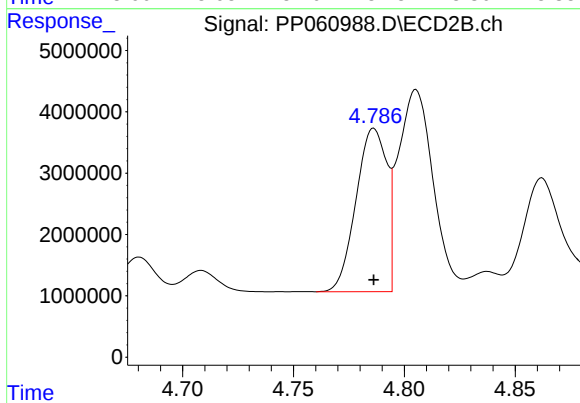
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 21540122
Conc: 1146.68 ng/ml



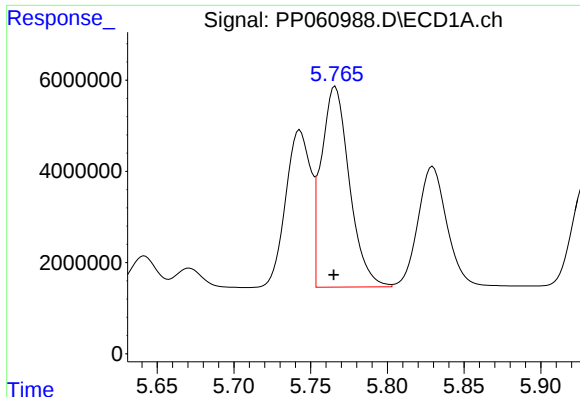
#16 AR-1242-1

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 39223733
Conc: 698.20 ng/ml



#16 AR-1242-1

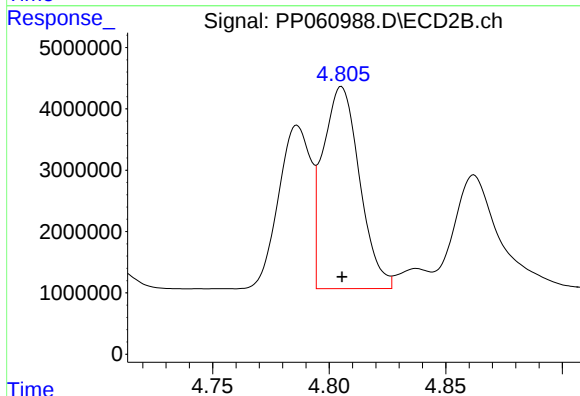
R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 25688524
Conc: 636.36 ng/ml



#17 AR-1242-2

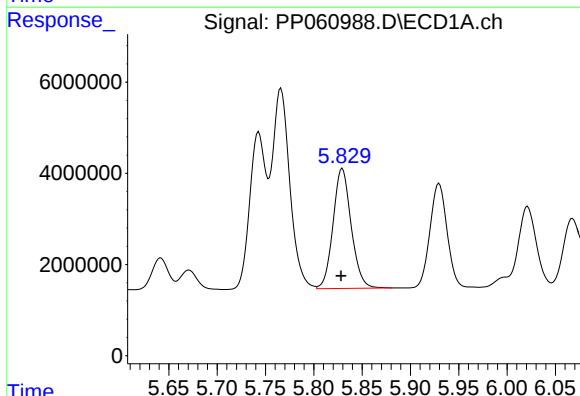
R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 56045792
Conc: 704.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



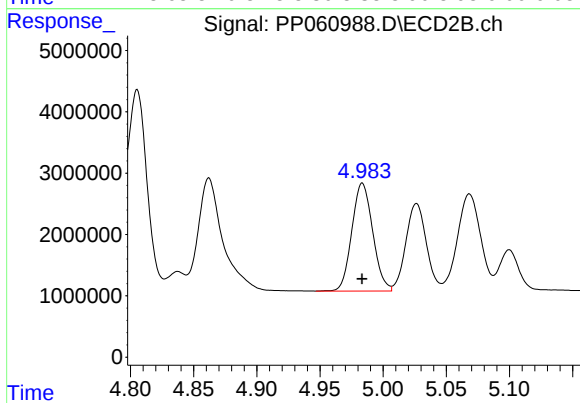
#17 AR-1242-2

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 36004941
Conc: 657.60 ng/ml



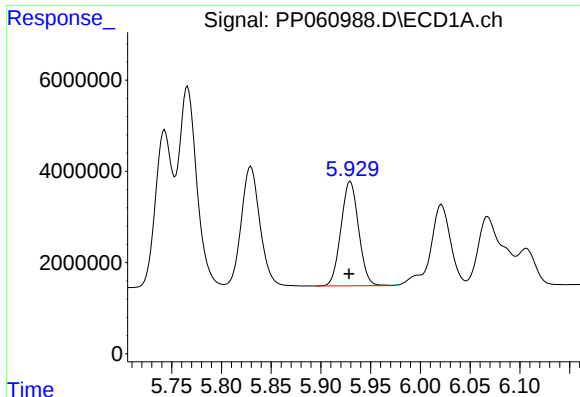
#18 AR-1242-3

R.T.: 5.830 min
Delta R.T.: 0.001 min
Response: 34405493
Conc: 693.04 ng/ml



#18 AR-1242-3

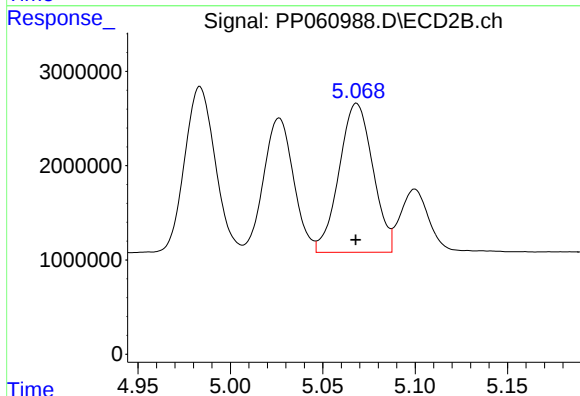
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 20303187
Conc: 653.57 ng/ml



#19 AR-1242-4

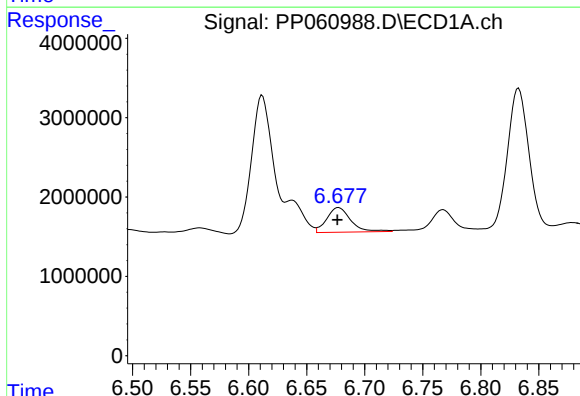
R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 28233426
Conc: 706.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



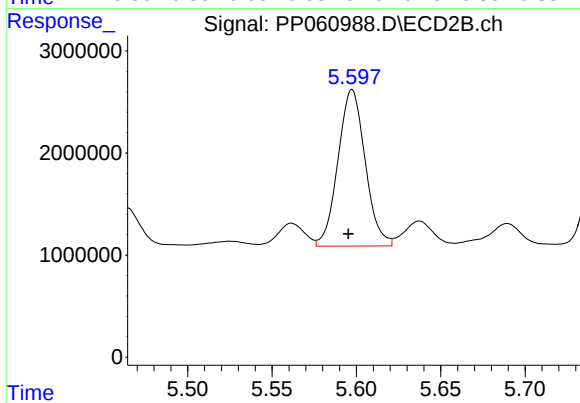
#19 AR-1242-4

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 20110714
Conc: 640.10 ng/ml



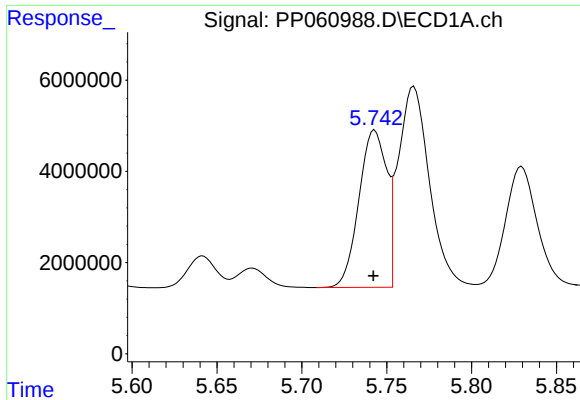
#20 AR-1242-5

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 4502428
Conc: 110.96 ng/ml



#20 AR-1242-5

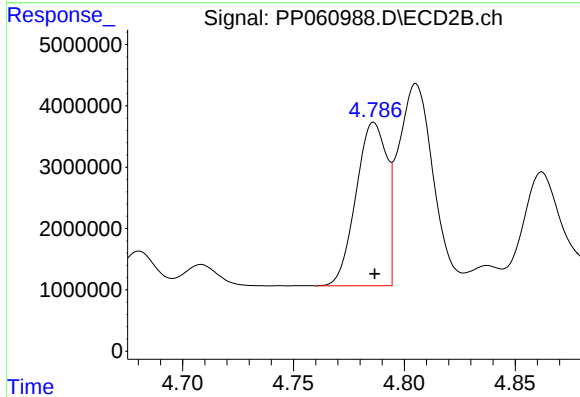
R.T.: 5.597 min
Delta R.T.: 0.002 min
Response: 17206659
Conc: 440.07 ng/ml



#21 AR-1248-1

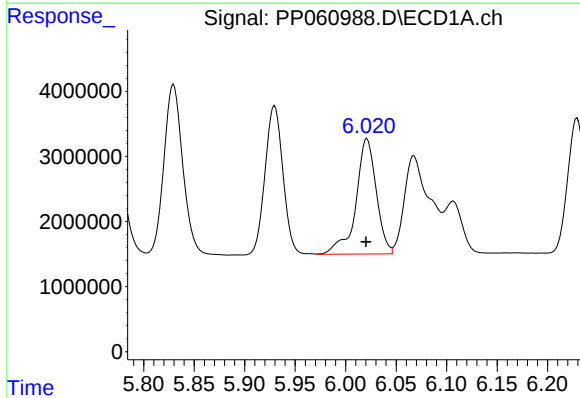
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 39223733
Conc: 903.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



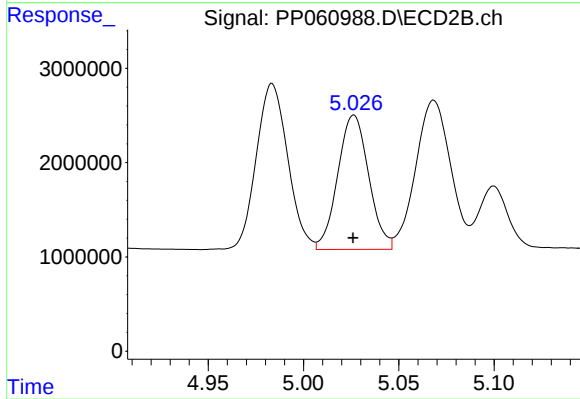
#21 AR-1248-1

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 25688524
Conc: 832.03 ng/ml



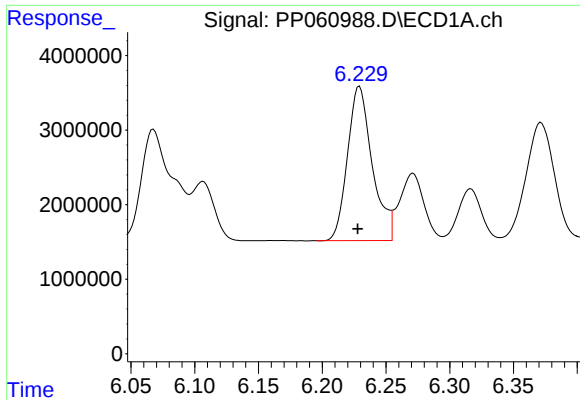
#22 AR-1248-2

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 24922870
Conc: 385.44 ng/ml



#22 AR-1248-2

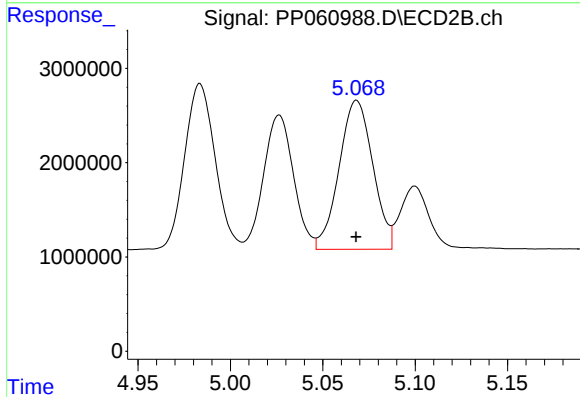
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 16136853
Conc: 368.36 ng/ml



#23 AR-1248-3

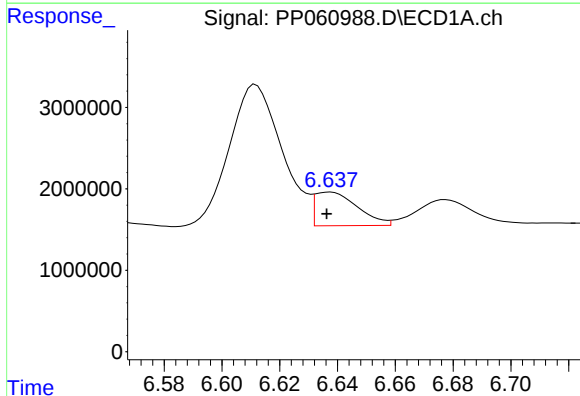
R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 27912152
Conc: 397.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



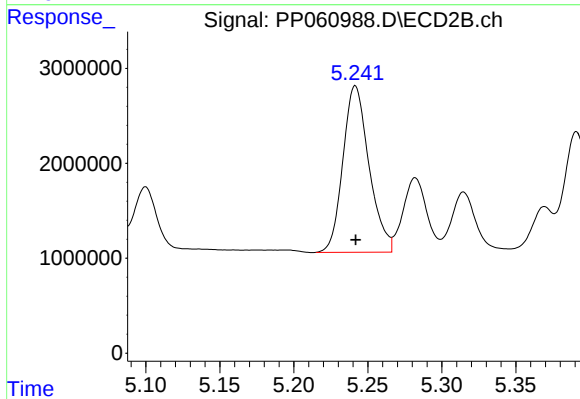
#23 AR-1248-3

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 20110714
Conc: 433.84 ng/ml



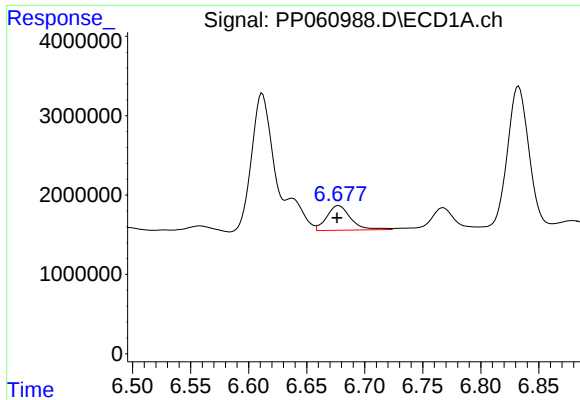
#24 AR-1248-4

R.T.: 6.637 min
Delta R.T.: 0.001 min
Response: 4200216
Conc: 54.97 ng/ml



#24 AR-1248-4

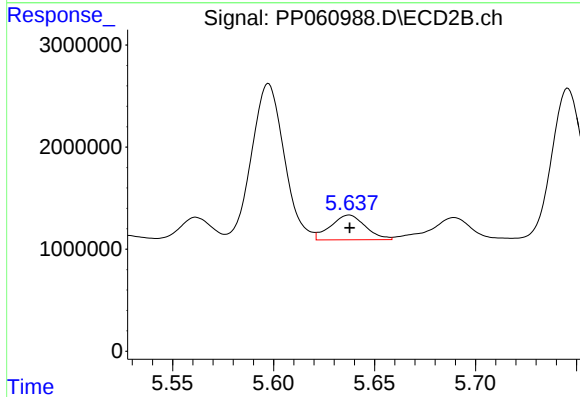
R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 21540122
Conc: 389.66 ng/ml



#25 AR-1248-5

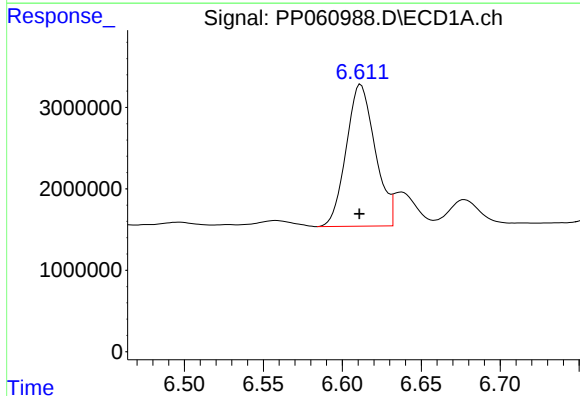
R.T.: 6.677 min
Delta R.T.: 0.001 min
Response: 4502428
Conc: 61.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



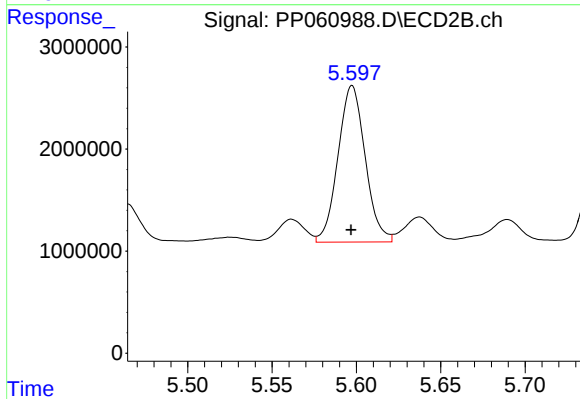
#25 AR-1248-5

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 2911454
Conc: 55.85 ng/ml



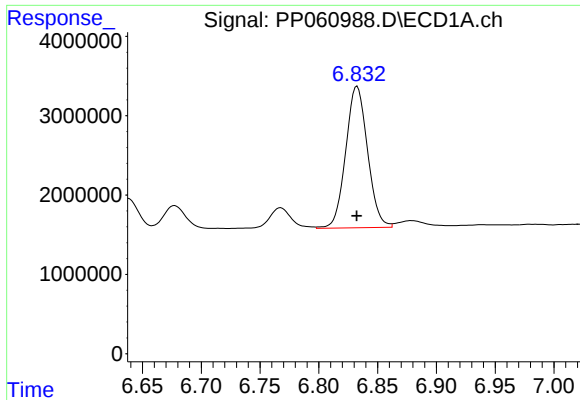
#26 AR-1254-1

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 22143227
Conc: 279.98 ng/ml



#26 AR-1254-1

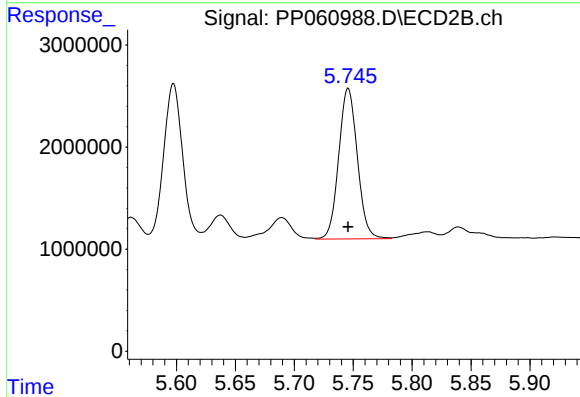
R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 17206659
Conc: 222.71 ng/ml



#27 AR-1254-2

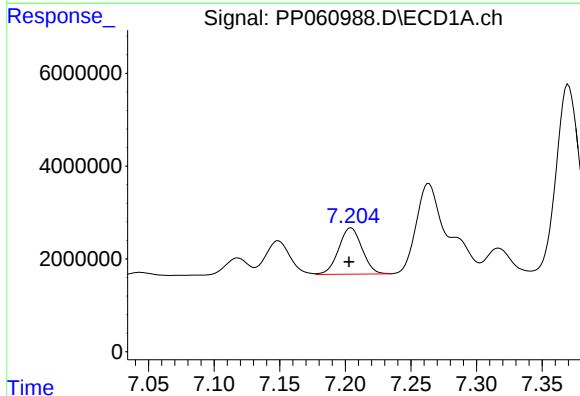
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 23028804
Conc: 193.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



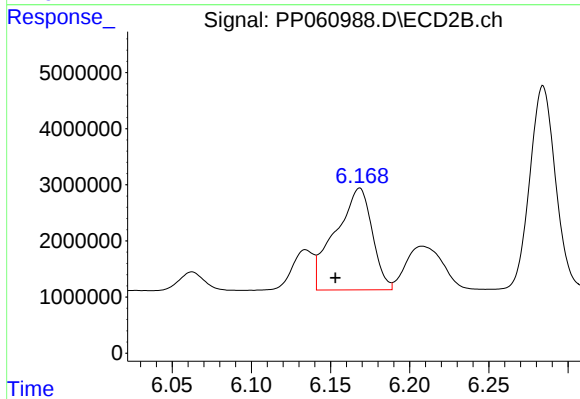
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 16278809
Conc: 234.95 ng/ml



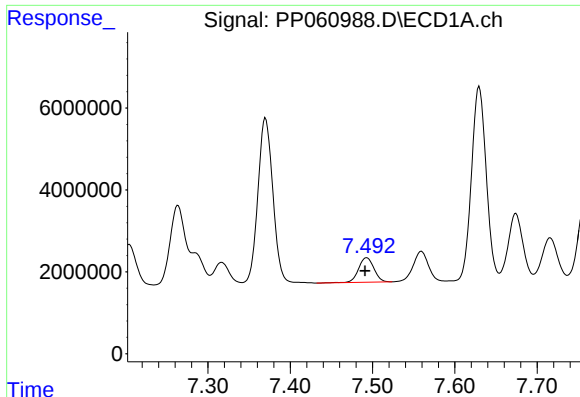
#28 AR-1254-3

R.T.: 7.204 min
Delta R.T.: 0.002 min
Response: 12335191
Conc: 100.83 ng/ml



#28 AR-1254-3

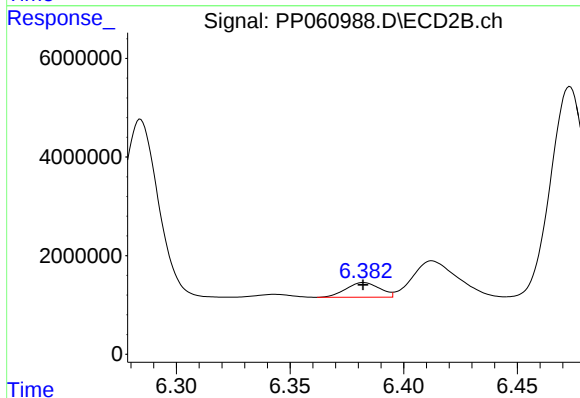
R.T.: 6.168 min
Delta R.T.: 0.015 min
Response: 29334485
Conc: 259.25 ng/ml



#29 AR-1254-4

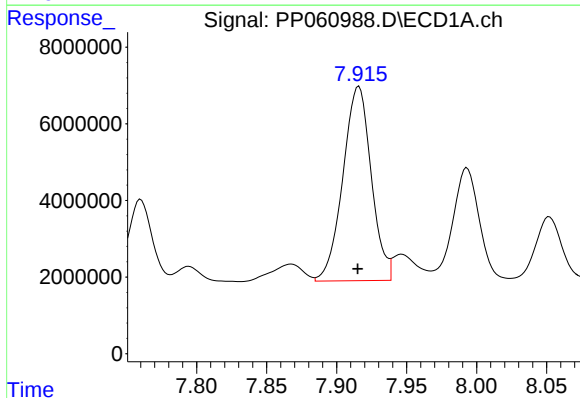
R.T.: 7.493 min
Delta R.T.: 0.002 min
Response: 7845319
Conc: 89.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



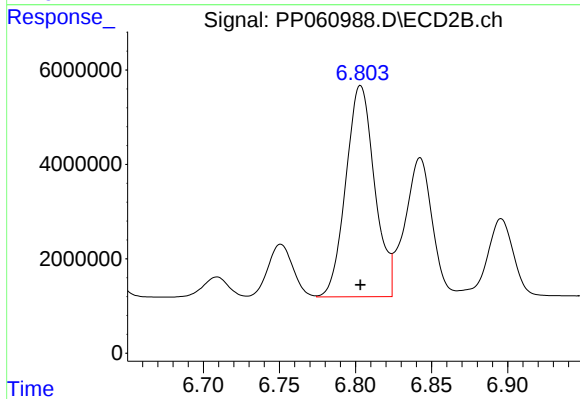
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 3077861
Conc: 44.80 ng/ml



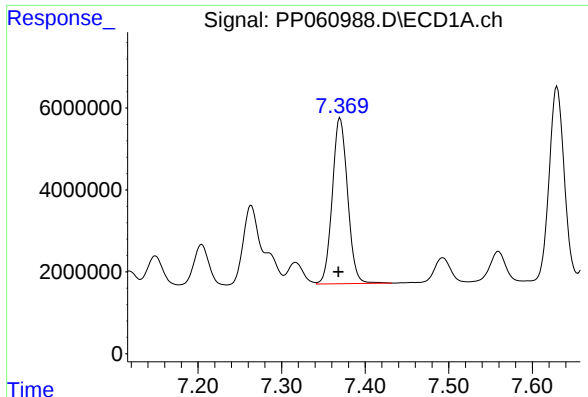
#30 AR-1254-5

R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 71492235
Conc: 719.96 ng/ml



#30 AR-1254-5

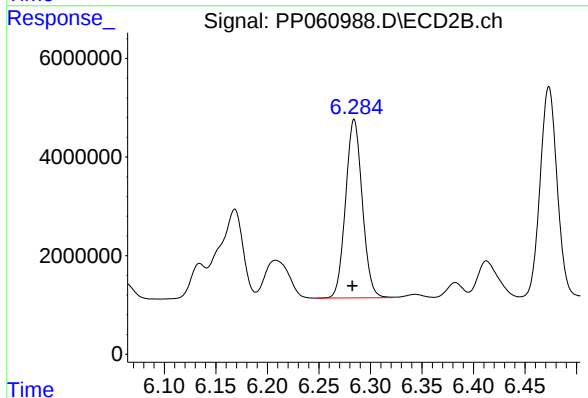
R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 58857787
Conc: 550.23 ng/ml



#31 AR-1260-1

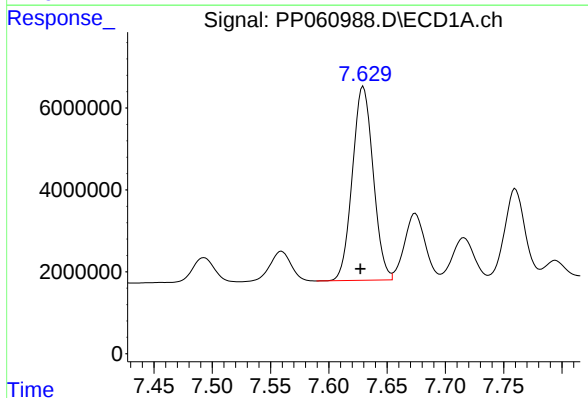
R.T.: 7.370 min
Delta R.T.: 0.002 min
Response: 51443893
Conc: 549.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



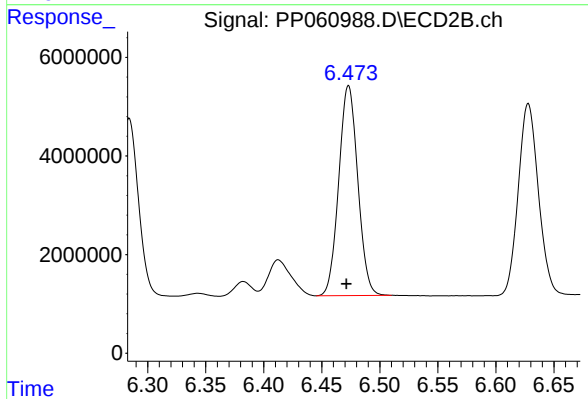
#31 AR-1260-1

R.T.: 6.284 min
Delta R.T.: 0.002 min
Response: 40849942
Conc: 493.65 ng/ml



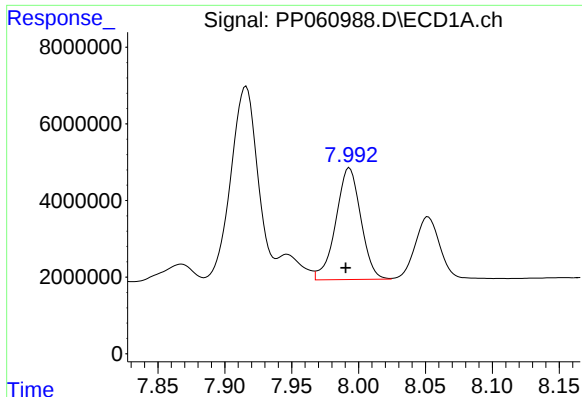
#32 AR-1260-2

R.T.: 7.630 min
Delta R.T.: 0.002 min
Response: 58789848
Conc: 541.50 ng/ml



#32 AR-1260-2

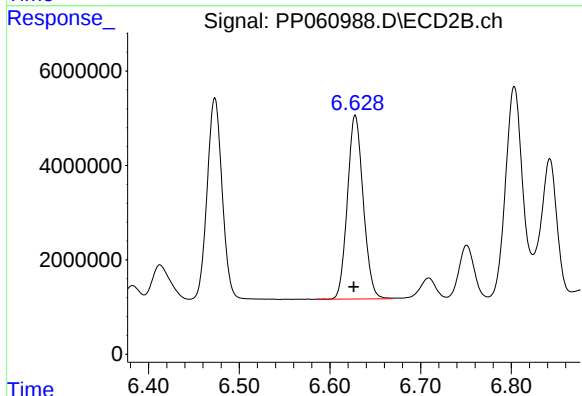
R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 48617543
Conc: 493.72 ng/ml



#33 AR-1260-3

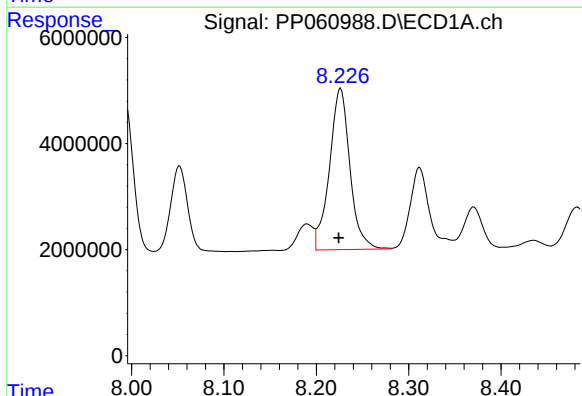
R.T.: 7.993 min
Delta R.T.: 0.003 min
Response: 37889052
Conc: 545.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



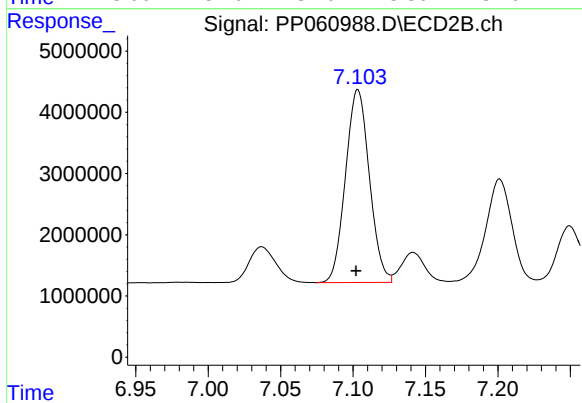
#33 AR-1260-3

R.T.: 6.628 min
Delta R.T.: 0.002 min
Response: 47163169
Conc: 498.72 ng/ml



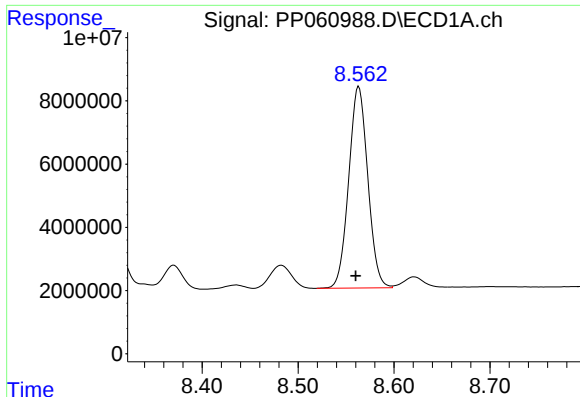
#34 AR-1260-4

R.T.: 8.226 min
Delta R.T.: 0.002 min
Response: 46924247
Conc: 550.06 ng/ml



#34 AR-1260-4

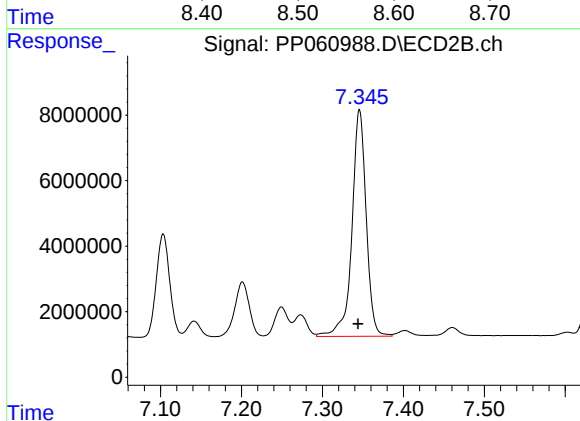
R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 36159442
Conc: 504.51 ng/ml



#35 AR-1260-5

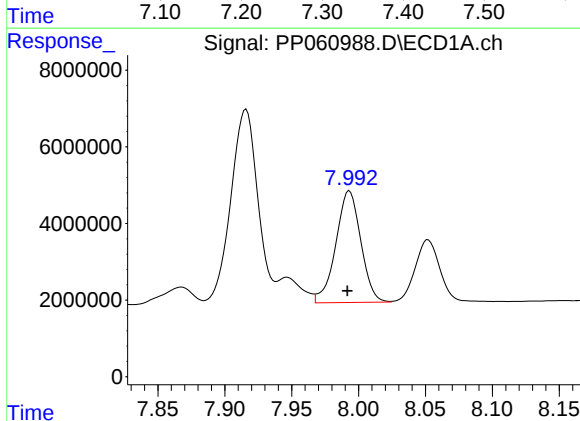
R.T.: 8.563 min
Delta R.T.: 0.003 min
Response: 88234530
Conc: 546.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



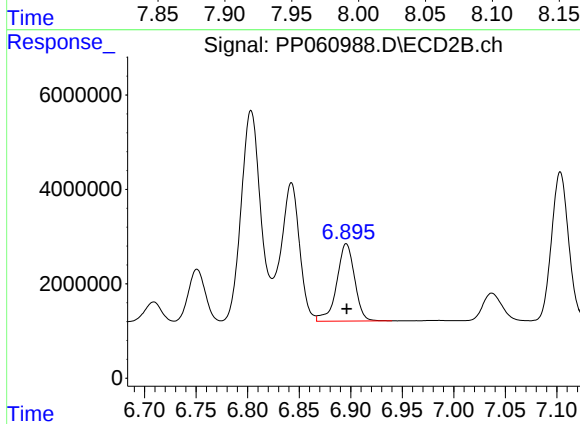
#35 AR-1260-5

R.T.: 7.346 min
Delta R.T.: 0.002 min
Response: 84729835
Conc: 505.19 ng/ml



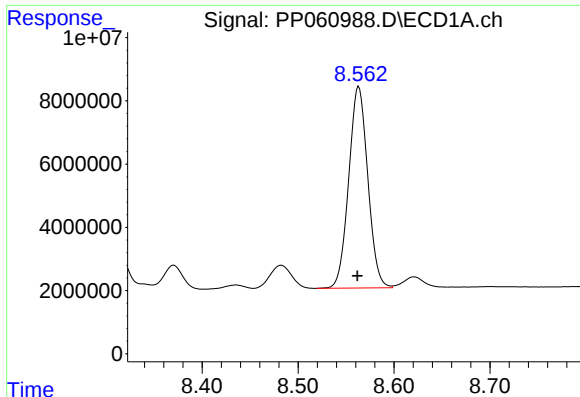
#36 AR-1262-1

R.T.: 7.993 min
Delta R.T.: 0.002 min
Response: 37889052
Conc: 301.66 ng/ml



#36 AR-1262-1

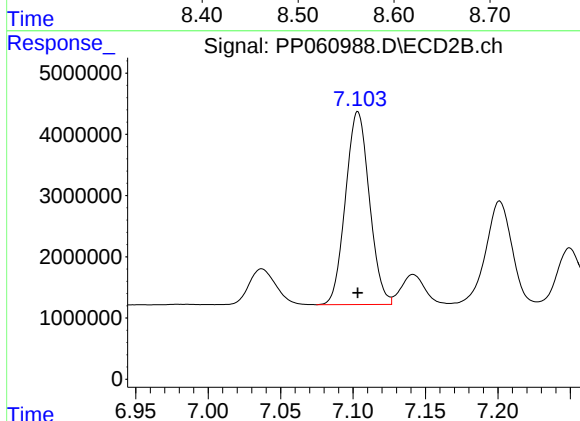
R.T.: 6.896 min
Delta R.T.: 0.000 min
Response: 19804390
Conc: 415.45 ng/ml



#37 AR-1262-2

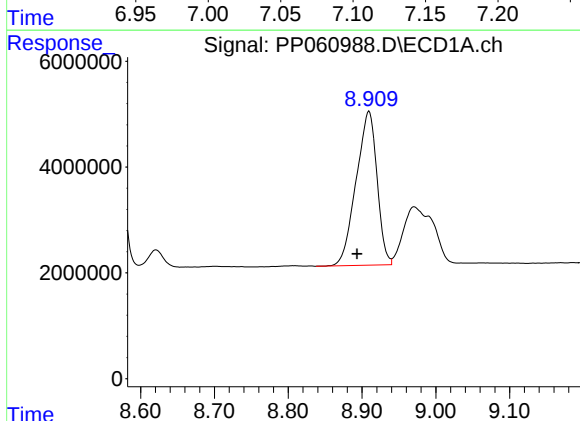
R.T.: 8.563 min
Delta R.T.: 0.001 min
Response: 88234530
Conc: 398.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



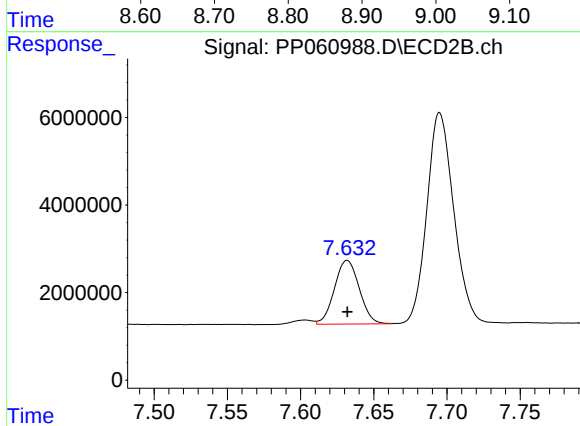
#37 AR-1262-2

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 36159442
Conc: 343.31 ng/ml



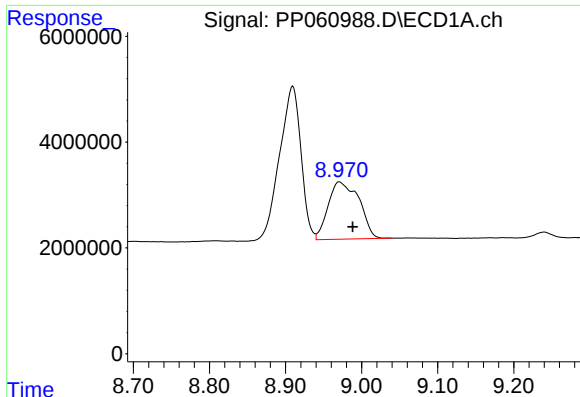
#38 AR-1262-3

R.T.: 8.910 min
Delta R.T.: 0.017 min
Response: 57064844
Conc: 380.00 ng/ml



#38 AR-1262-3

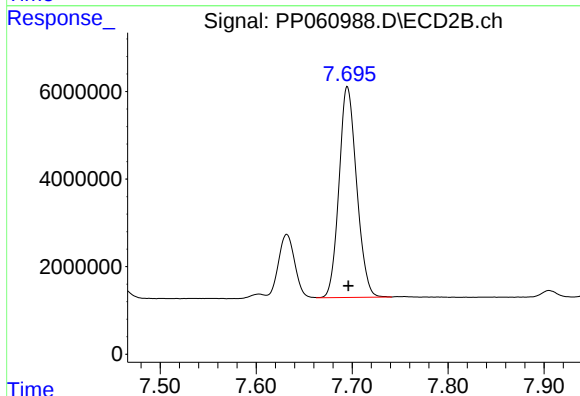
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 17166062
Conc: 205.05 ng/ml



#39 AR-1262-4

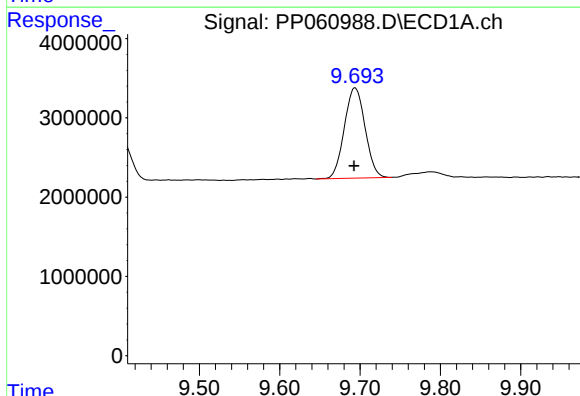
R.T.: 8.971 min
Delta R.T.: -0.018 min
Response: 30611892
Conc: 270.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



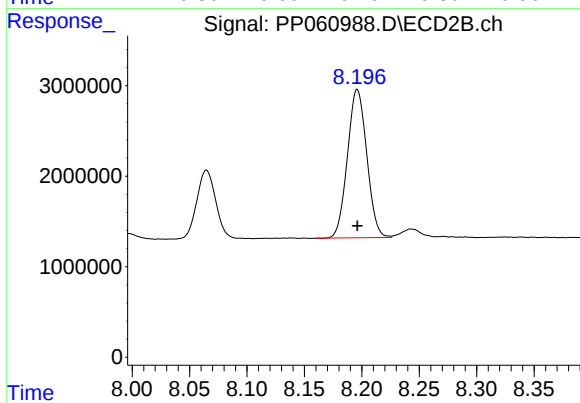
#39 AR-1262-4

R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 61418200
Conc: 406.16 ng/ml



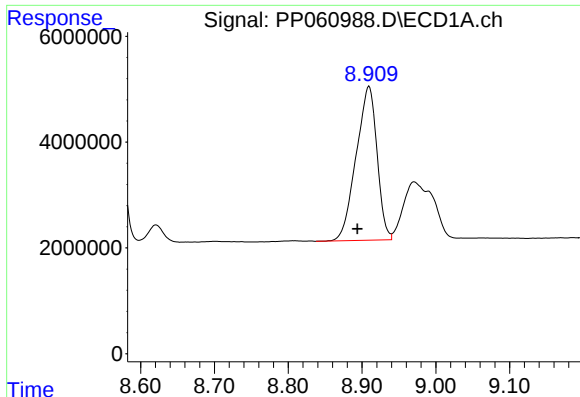
#40 AR-1262-5

R.T.: 9.694 min
Delta R.T.: 0.001 min
Response: 20432243
Conc: 271.55 ng/ml



#40 AR-1262-5

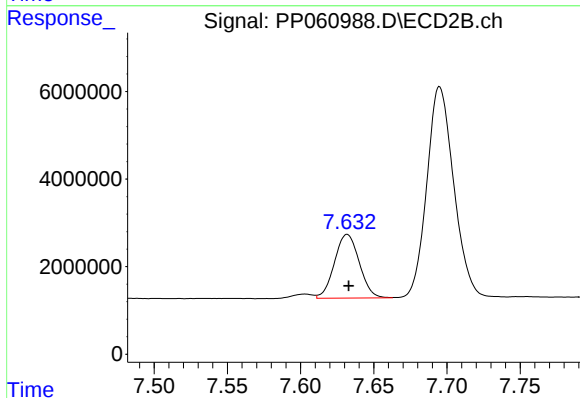
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 19280271
Conc: 272.41 ng/ml



#41 AR-1268-1

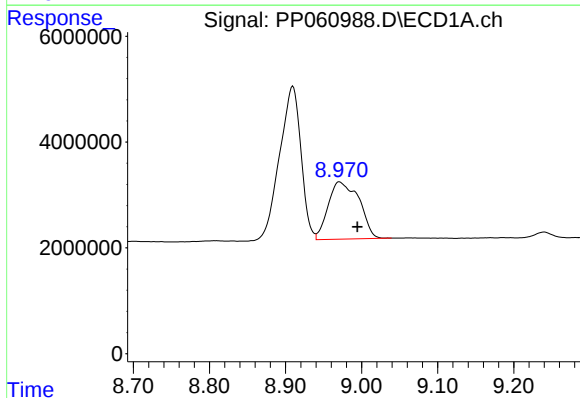
R.T.: 8.910 min
Delta R.T.: 0.016 min
Response: 57064844
Conc: 219.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



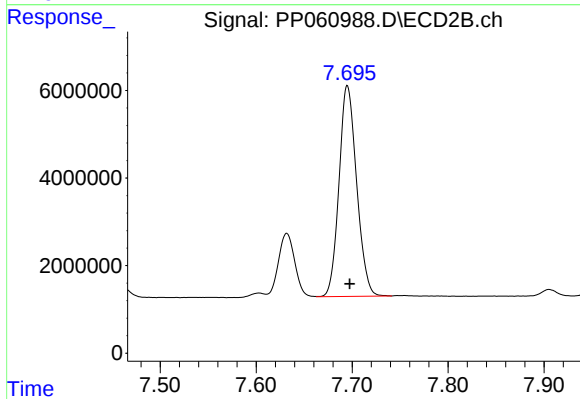
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 17166062
Conc: 71.55 ng/ml



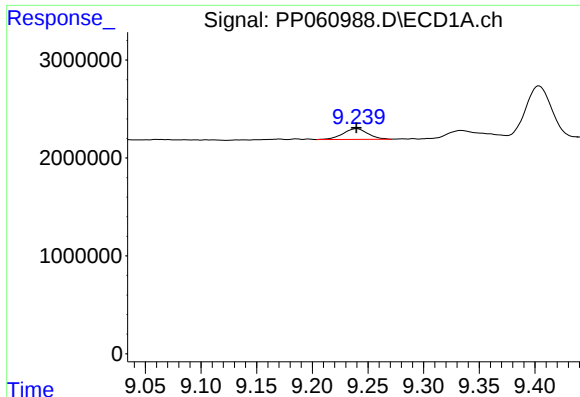
#42 AR-1268-2

R.T.: 8.971 min
Delta R.T.: -0.024 min
Response: 30611892
Conc: 130.56 ng/ml



#42 AR-1268-2

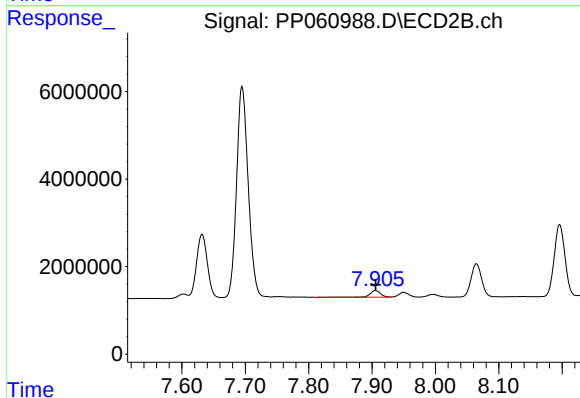
R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 61418200
Conc: 286.26 ng/ml



#43 AR-1268-3

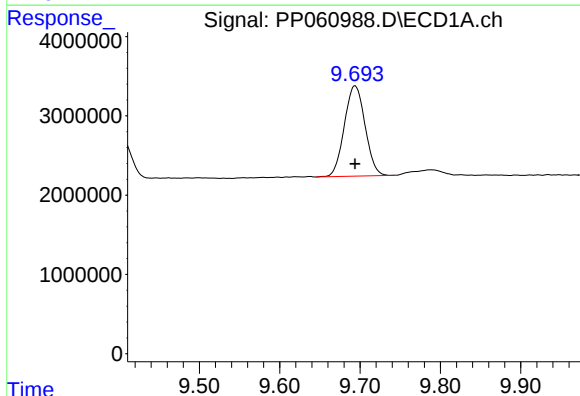
R.T.: 9.240 min
Delta R.T.: 0.000 min
Response: 1711585
Conc: 8.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



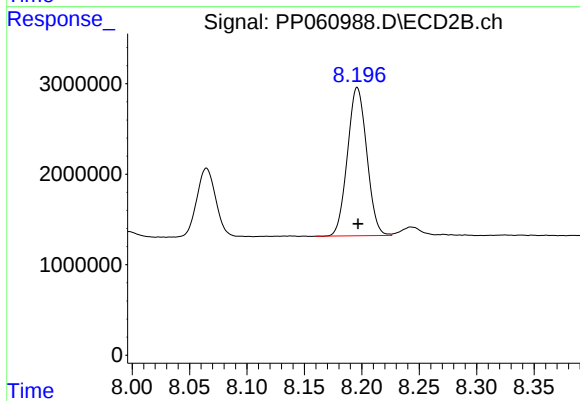
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 1773861
Conc: 9.36 ng/ml



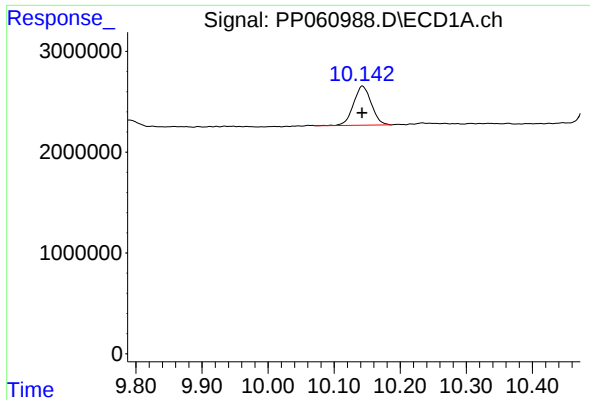
#44 AR-1268-4

R.T.: 9.694 min
Delta R.T.: 0.000 min
Response: 20432243
Conc: 253.67 ng/ml



#44 AR-1268-4

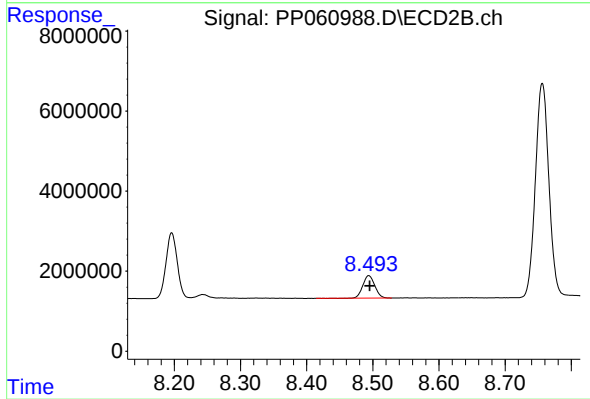
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 19280271
Conc: 251.61 ng/ml



#45 AR-1268-5

R.T.: 10.143 min
Delta R.T.: 0.000 min
Response: 7283506
Conc: 11.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 7066449
Conc: 12.80 ng/ml