

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083023\
 Data File : PR062873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 19:10
 Operator : YP\AJ
 Sample : PB155201BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 21:26:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 05:38:44 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.681	2.952	42493925	59853176	18.440	19.746
2)	SA Decachlor...	9.614	8.229	54648009	107.2E6	34.201	28.781
Target Compounds							
3)	L1 AR-1016-1	4.910	4.074	7969031	11138568	105.203	107.842
4)	L1 AR-1016-2	4.932	4.092	11312546	15453011	102.239	105.256
5)	L1 AR-1016-3	4.997	4.273	7079250	8326517	101.947	104.096
6)	L1 AR-1016-4	5.100	4.323	5464055	6964217	101.390	107.529
7)	L1 AR-1016-5	5.417	4.542	5149747	8672722	91.568	102.659
8)	L2 AR-1221-1	3.900	3.176	978597	962009	34.963	25.162 #
9)	L2 AR-1221-2	3.994	3.262	1293974	1932846	66.211	69.828
10)	L2 AR-1221-3	4.072	3.341	4245622	6334192	63.731	69.986
11)	L3 AR-1232-1	4.072	3.341	4245622	6334192	76.955	83.491
12)	L3 AR-1232-2	4.624	4.092	5898765	15453011	223.386	226.481
13)	L3 AR-1232-3	4.932	4.273	11312546	8326517	222.787	229.879
14)	L3 AR-1232-4	5.100	4.365	5464055	8321068	225.613	249.964
15)	L3 AR-1232-5	5.204	4.542	4591911	8672722	235.728	233.464
16)	L4 AR-1242-1	4.910	4.074	7969031	11138568	113.975	114.939
17)	L4 AR-1242-2	4.932	4.092	11312546	15453011	113.401	113.473
18)	L4 AR-1242-3	4.997	4.273	7079250	8326517	113.132	112.416
19)	L4 AR-1242-4	5.100	4.365	5464055	8321068	110.335	112.781
20)	L4 AR-1242-5	5.890	4.913	801649	7574928	15.744	80.771 #
21)	L5 AR-1248-1	4.910	4.074	7969031	11138568	156.680	155.241
22)	L5 AR-1248-2	5.204	4.323	4591911	6964217	62.679	67.681
23)	L5 AR-1248-3	5.417	4.365	5149747	8321068	61.377	78.968 #
24)	L5 AR-1248-4	5.851	4.542	1095346	8672722	12.675	68.540 #
25)	L5 AR-1248-5	5.890	4.956	801649	1287093	9.546	10.166
26)	L6 AR-1254-1	5.822	4.913	4650393	7574928	51.598	40.467
27)	L6 AR-1254-2	6.059	5.072	4801074	7471195	34.573	45.044 #
28)	L6 AR-1254-3	6.452	5.516	2512266	12379625	17.901	45.595 #
29)	L6 AR-1254-4	6.763	5.743	1353683	1547023	14.253	8.900 #
30)	L6 AR-1254-5	7.218	6.189	13216999	25032636	127.410	98.018
31)	L7 AR-1260-1	6.632	5.637	10070822	18178656	94.376	97.658
32)	L7 AR-1260-2	6.915	5.842	11640321	22380800	96.676	99.376
33)	L7 AR-1260-3	7.306	6.001	7055883	19647183	78.618	88.456
34)	L7 AR-1260-4	7.549	6.509	8506678	14460498	86.002	77.509
35)	L7 AR-1260-5	7.888	6.775	14485240	33442911	82.500	76.449
36)	L8 AR-1262-1	7.306	6.233	7055883	15553674	55.011	59.111
37)	L8 AR-1262-2	7.888	6.775	14485240	33442911	73.113	68.671
38)	L8 AR-1262-3	8.202	7.080	9034425	7816376	65.210	39.610 #
39)	L8 AR-1262-4	8.282	7.146	1933526	24759157	17.832	66.562 #
40)	L8 AR-1262-5	8.911	7.688	3548347	7354939	51.457	40.898
41)	L9 AR-1268-1	8.202	7.080	9034425	7816376	36.110	13.422 #

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 Quant Time: Aug 30 21:26:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082823CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.282	7.146	1933526	24759157	8.460	46.144 #
43) L9	AR-1268-3	8.505	7.371	351161	1020728	1.826	2.161
44) L9	AR-1268-4	8.911	7.688	3548347	7354939	45.927	36.298
45) L9	AR-1268-5	9.300	7.982	1861932	2899343	3.190	1.973 #

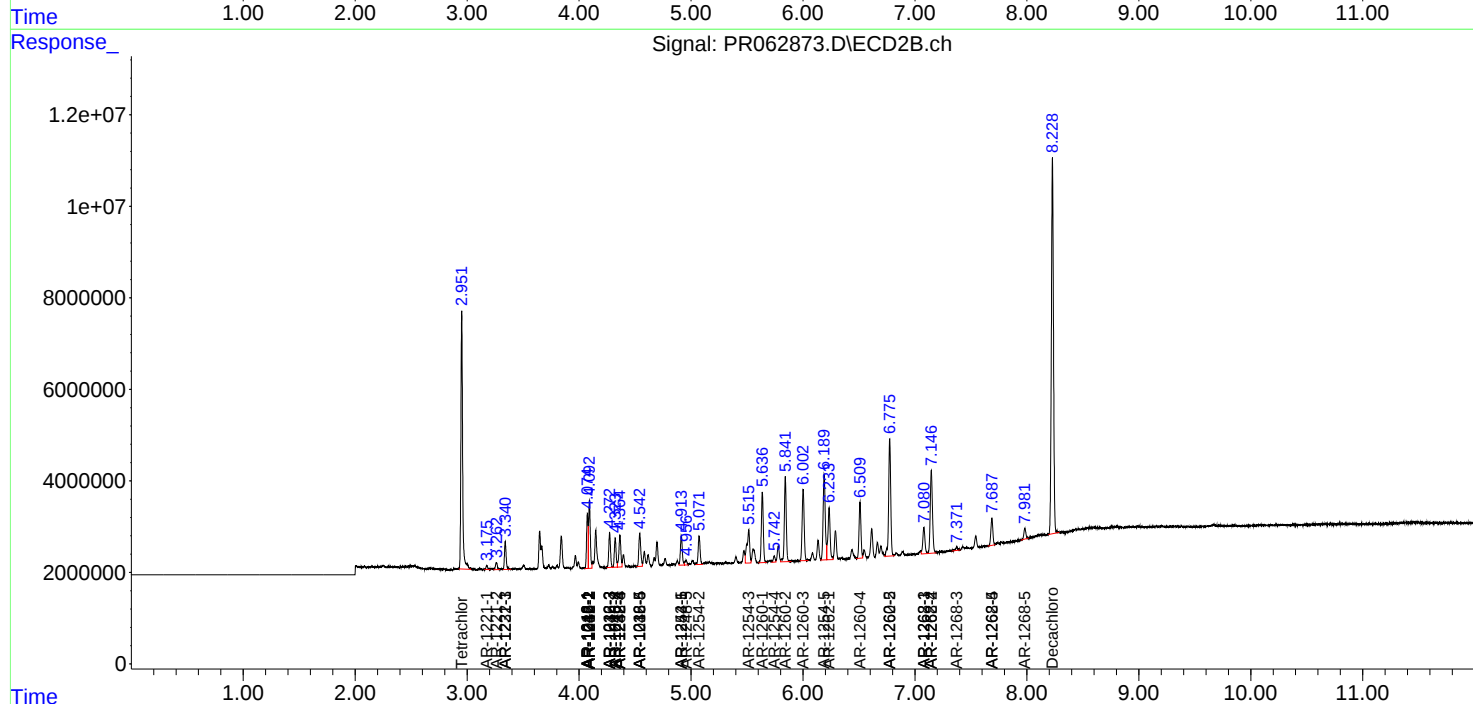
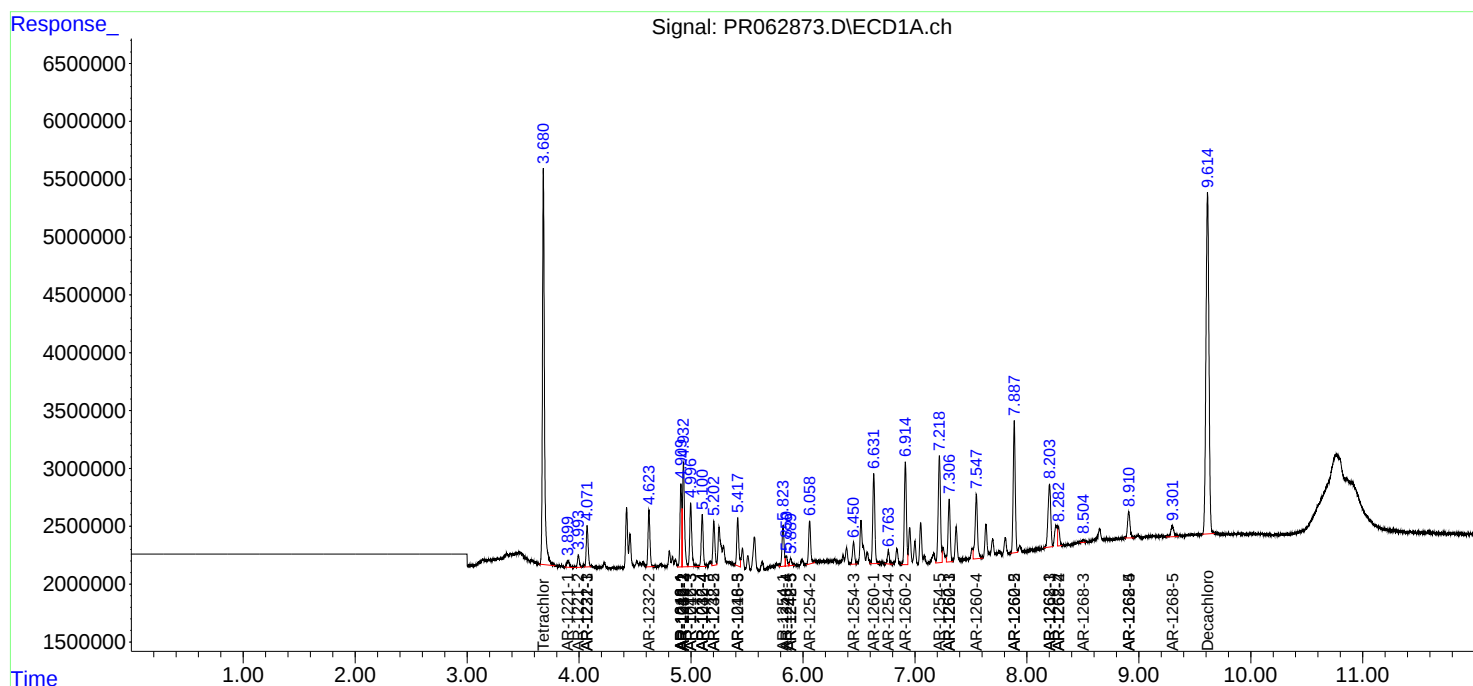
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

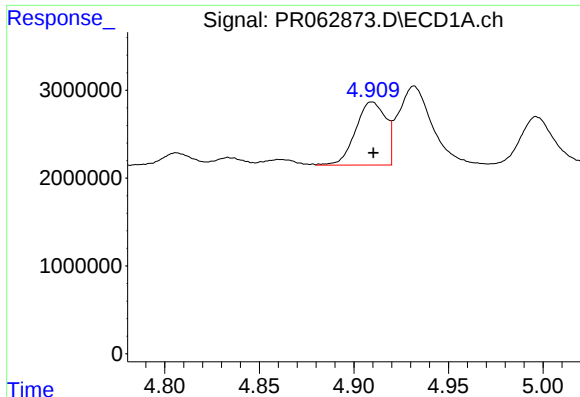
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083023\
Data File : PR062873.D
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ALS Vial : 20 Sample Multiplier: 1

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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

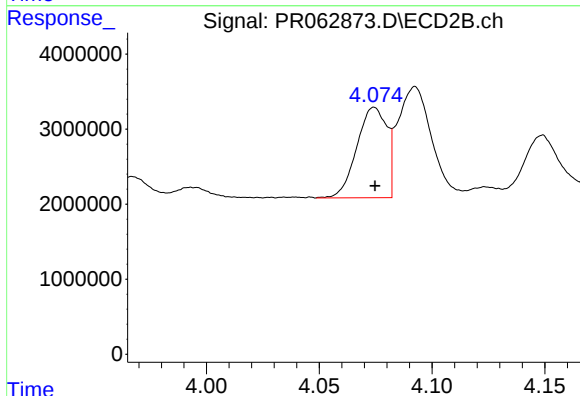




#3 AR-1016-1

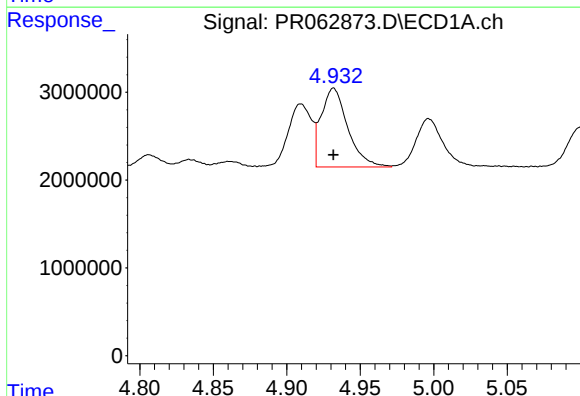
R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 7969031
Conc: 105.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



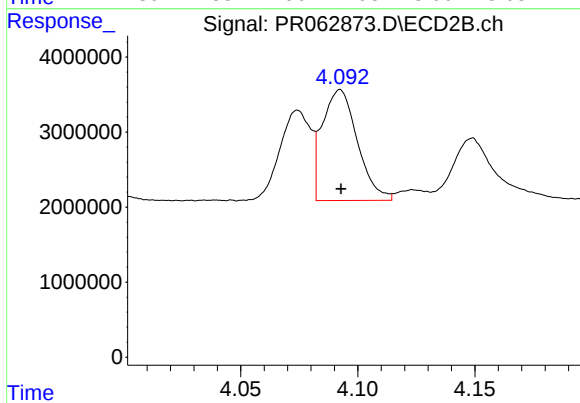
#3 AR-1016-1

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 11138568
Conc: 107.84 ng/ml



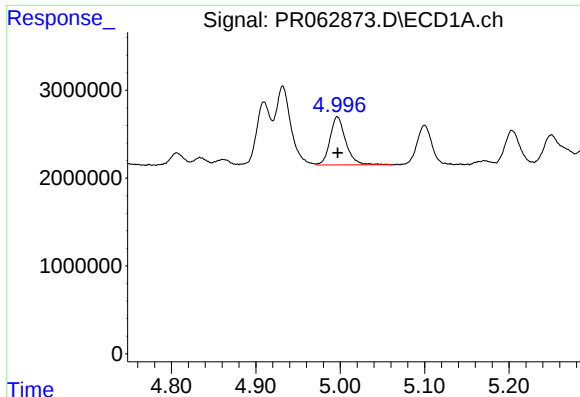
#4 AR-1016-2

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 11312546
Conc: 102.24 ng/ml



#4 AR-1016-2

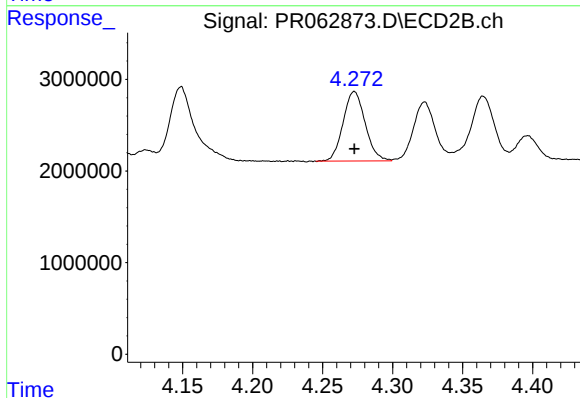
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 15453011
Conc: 105.26 ng/ml



#5 AR-1016-3

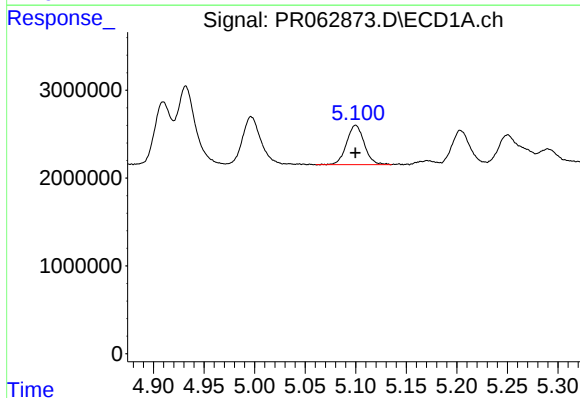
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 7079250
Conc: 101.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



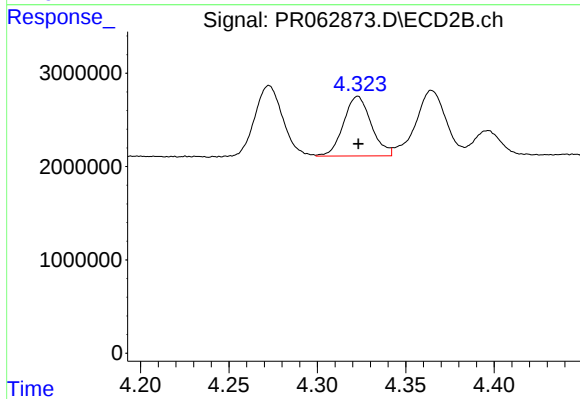
#5 AR-1016-3

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 8326517
Conc: 104.10 ng/ml



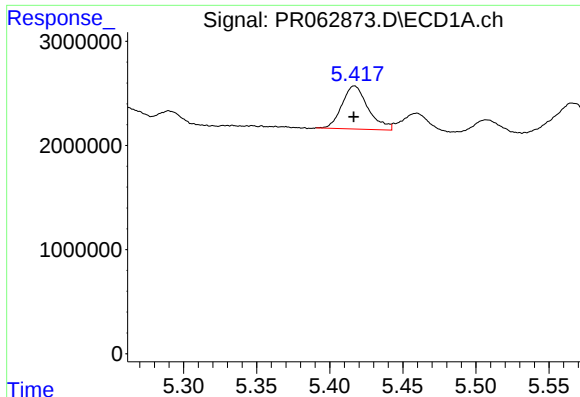
#6 AR-1016-4

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 5464055
Conc: 101.39 ng/ml



#6 AR-1016-4

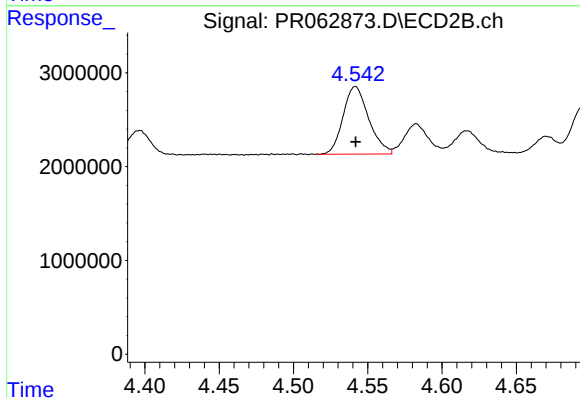
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 6964217
Conc: 107.53 ng/ml



#7 AR-1016-5

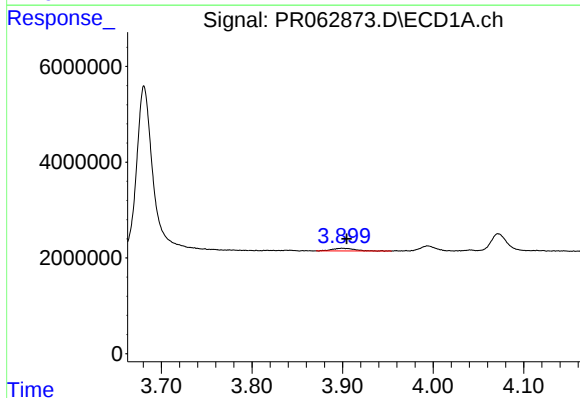
R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 5149747
Conc: 91.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



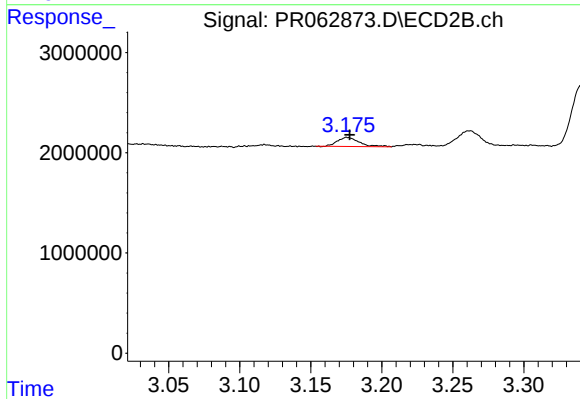
#7 AR-1016-5

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 8672722
Conc: 102.66 ng/ml



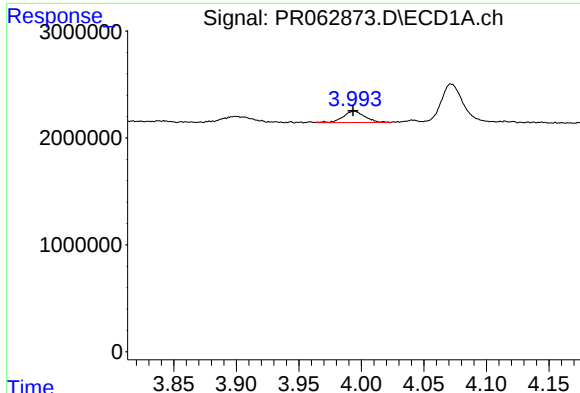
#8 AR-1221-1

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 978597
Conc: 34.96 ng/ml



#8 AR-1221-1

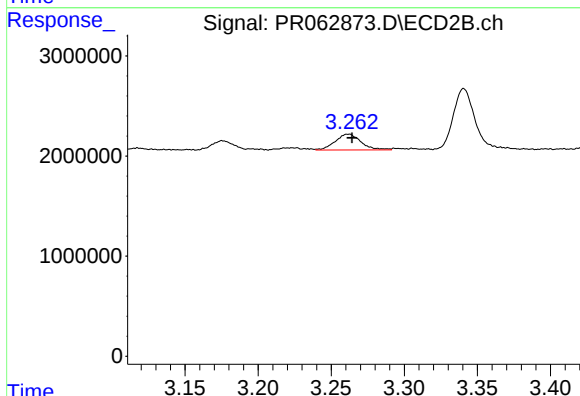
R.T.: 3.176 min
Delta R.T.: -0.002 min
Response: 962009
Conc: 25.16 ng/ml



#9 AR-1221-2

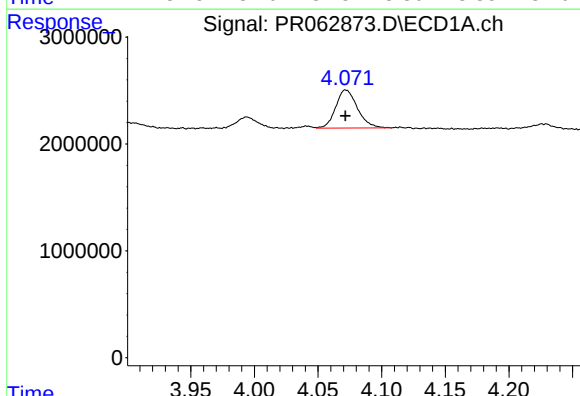
R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 1293974
Conc: 66.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



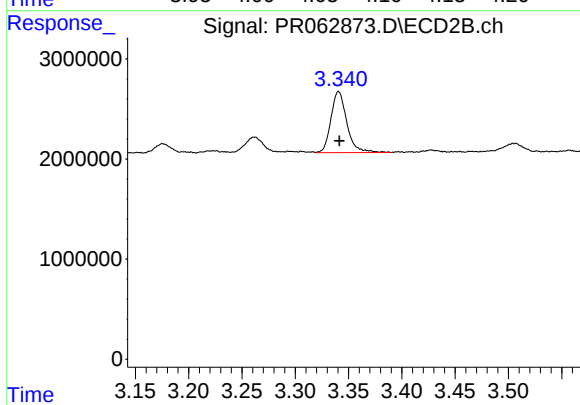
#9 AR-1221-2

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 1932846
Conc: 69.83 ng/ml



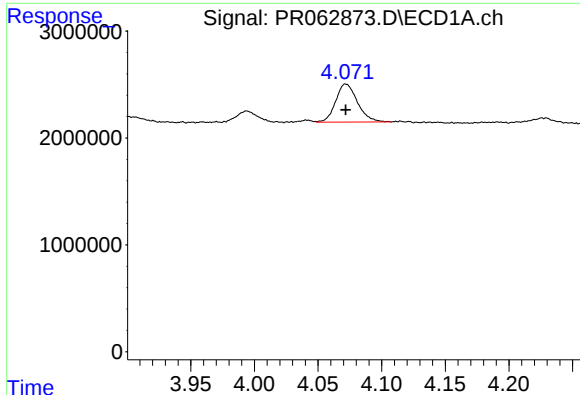
#10 AR-1221-3

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 4245622
Conc: 63.73 ng/ml



#10 AR-1221-3

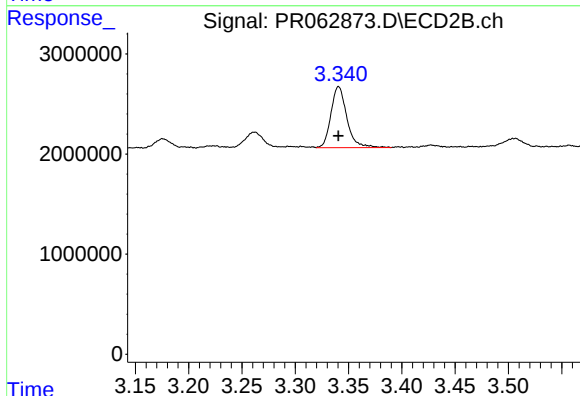
R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 6334192
Conc: 69.99 ng/ml



#11 AR-1232-1

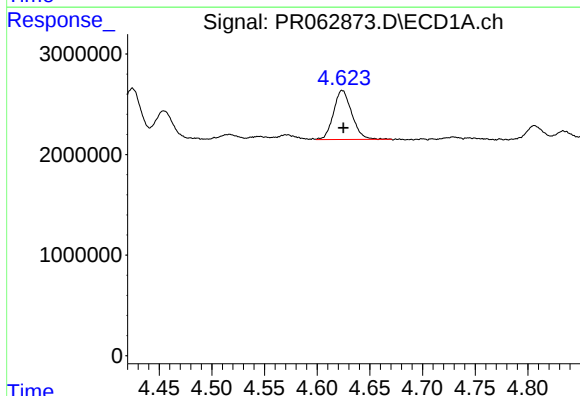
R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 4245622
Conc: 76.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



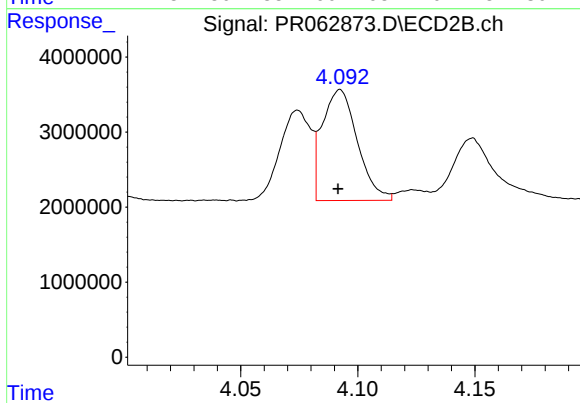
#11 AR-1232-1

R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 6334192
Conc: 83.49 ng/ml



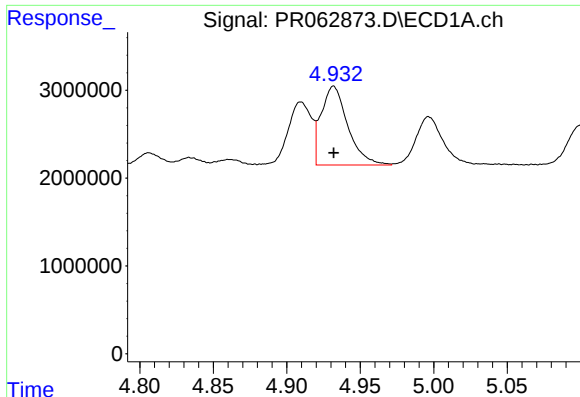
#12 AR-1232-2

R.T.: 4.624 min
Delta R.T.: -0.001 min
Response: 5898765
Conc: 223.39 ng/ml



#12 AR-1232-2

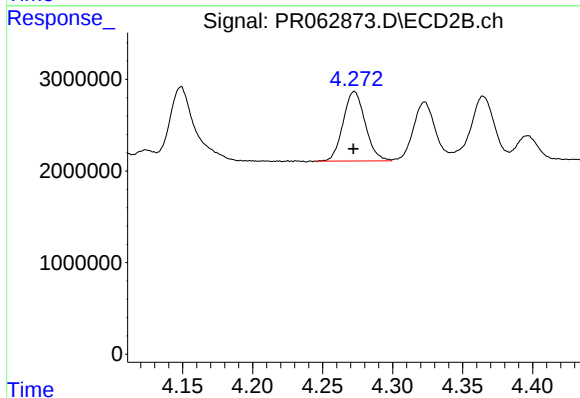
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 15453011
Conc: 226.48 ng/ml



#13 AR-1232-3

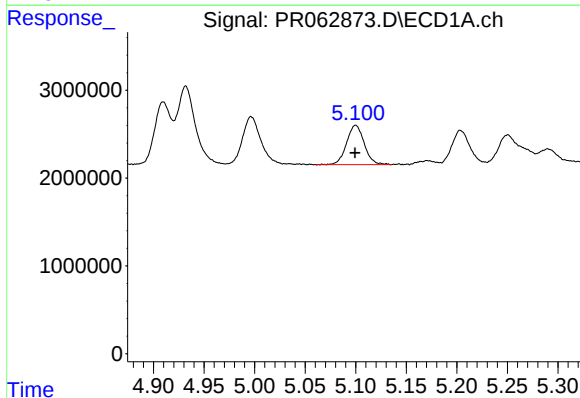
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 11312546
Conc: 222.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



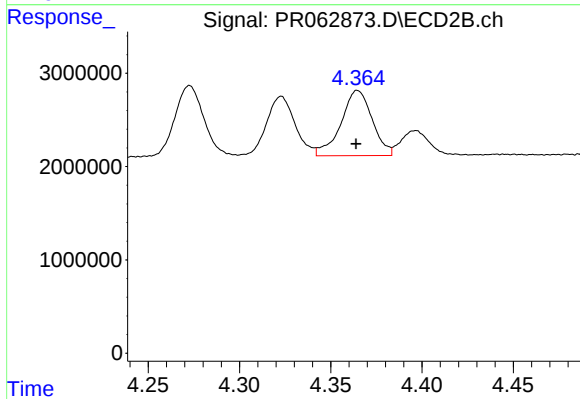
#13 AR-1232-3

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 8326517
Conc: 229.88 ng/ml



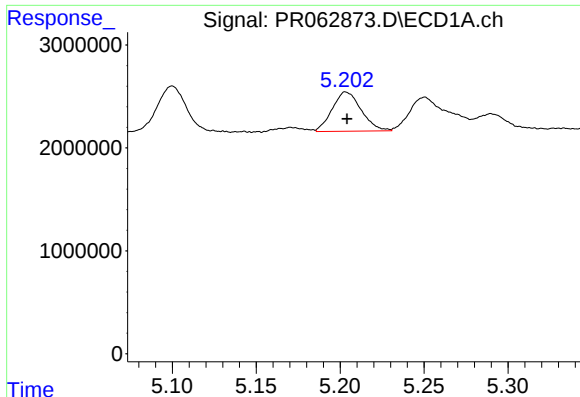
#14 AR-1232-4

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 5464055
Conc: 225.61 ng/ml



#14 AR-1232-4

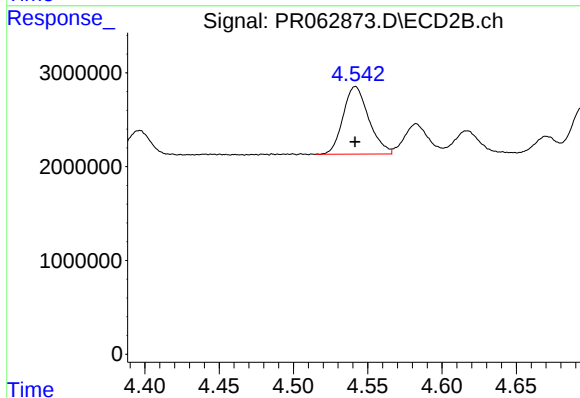
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 8321068
Conc: 249.96 ng/ml



#15 AR-1232-5

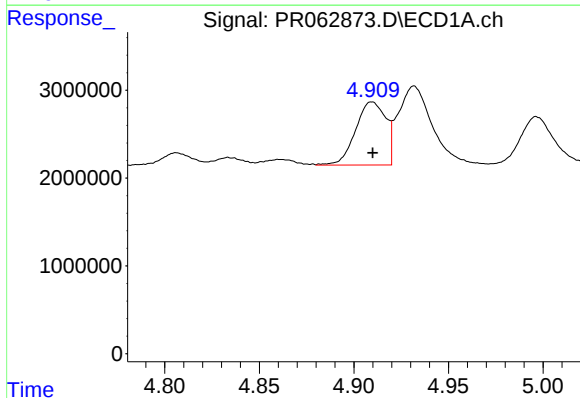
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 4591911
Conc: 235.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



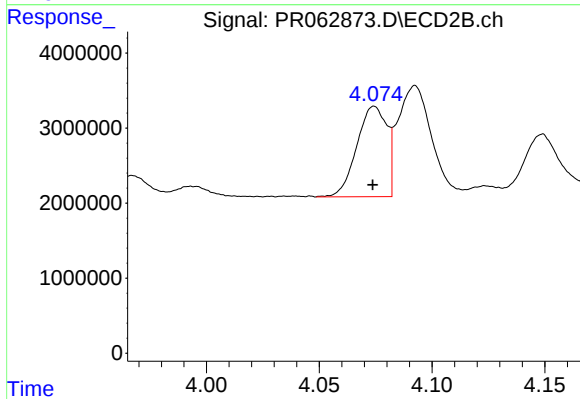
#15 AR-1232-5

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 8672722
Conc: 233.46 ng/ml



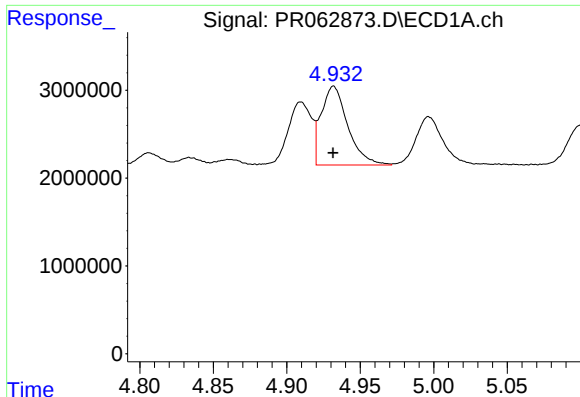
#16 AR-1242-1

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 7969031
Conc: 113.98 ng/ml



#16 AR-1242-1

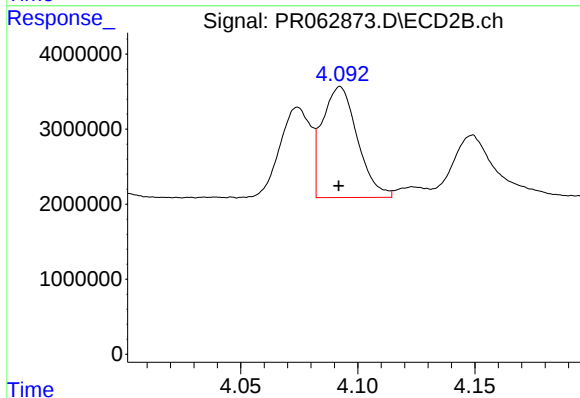
R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 11138568
Conc: 114.94 ng/ml



#17 AR-1242-2

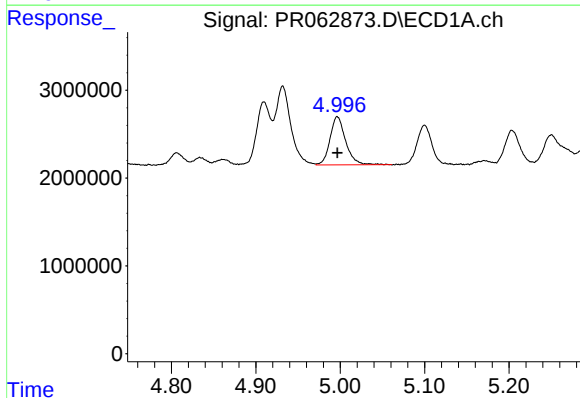
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 11312546
Conc: 113.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



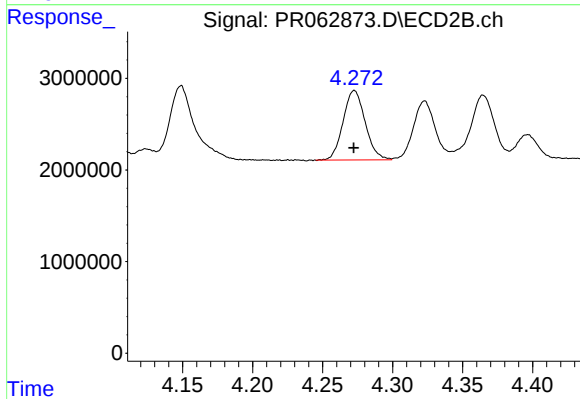
#17 AR-1242-2

R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 15453011
Conc: 113.47 ng/ml



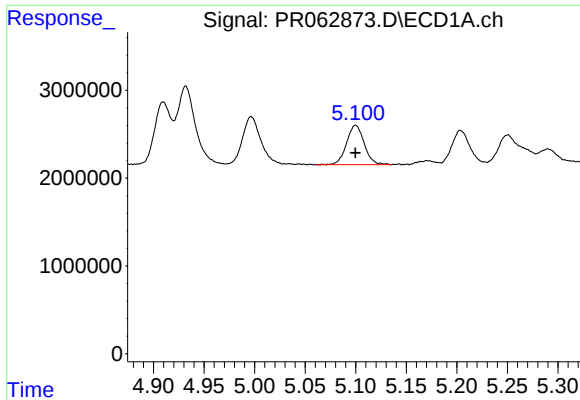
#18 AR-1242-3

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 7079250
Conc: 113.13 ng/ml



#18 AR-1242-3

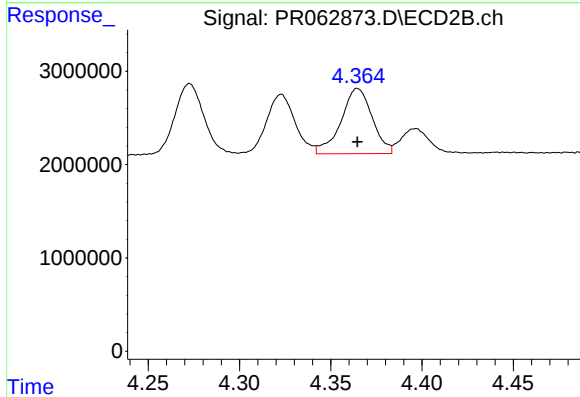
R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 8326517
Conc: 112.42 ng/ml



#19 AR-1242-4

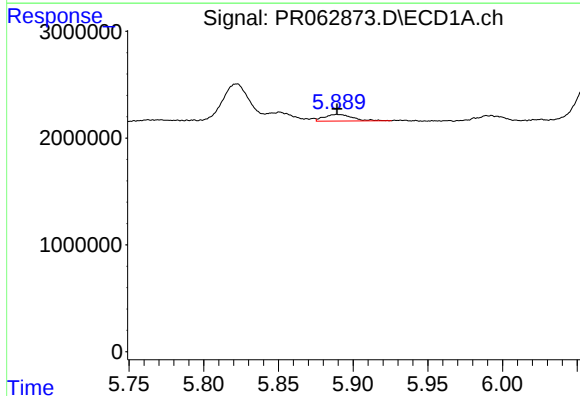
R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 5464055
Conc: 110.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



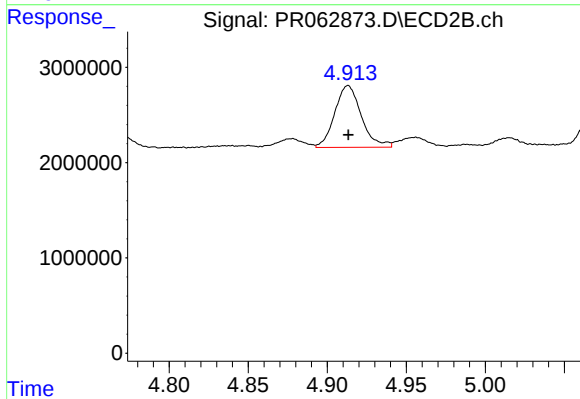
#19 AR-1242-4

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 8321068
Conc: 112.78 ng/ml



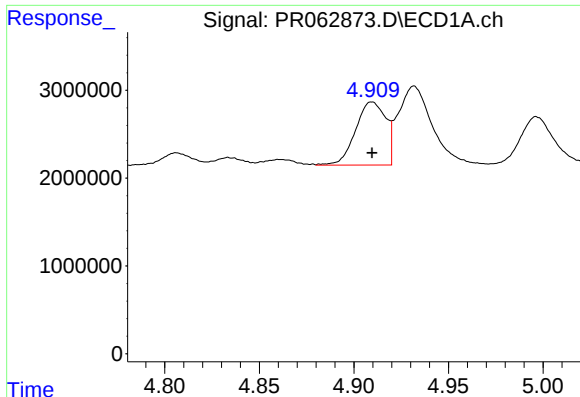
#20 AR-1242-5

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 801649
Conc: 15.74 ng/ml



#20 AR-1242-5

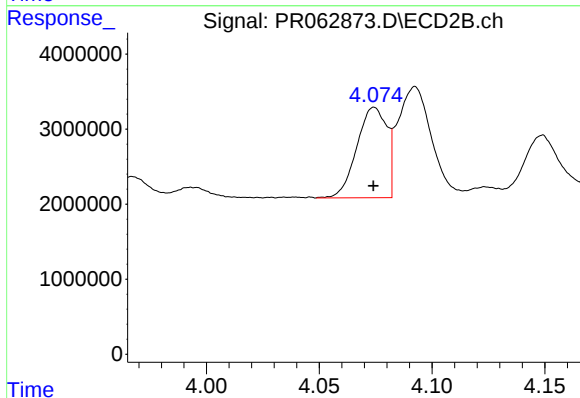
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 7574928
Conc: 80.77 ng/ml



#21 AR-1248-1

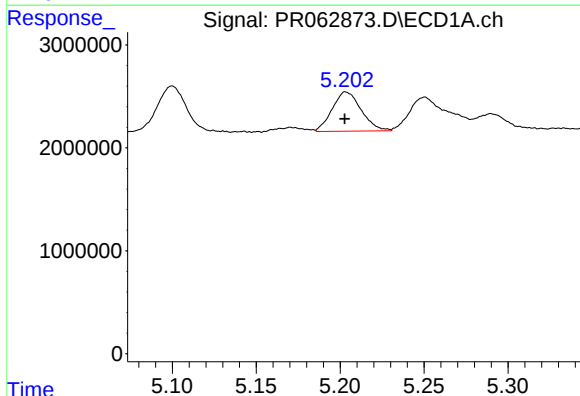
R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 7969031
Conc: 156.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



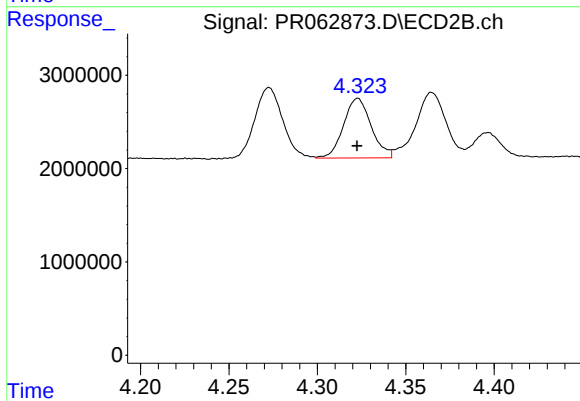
#21 AR-1248-1

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 11138568
Conc: 155.24 ng/ml



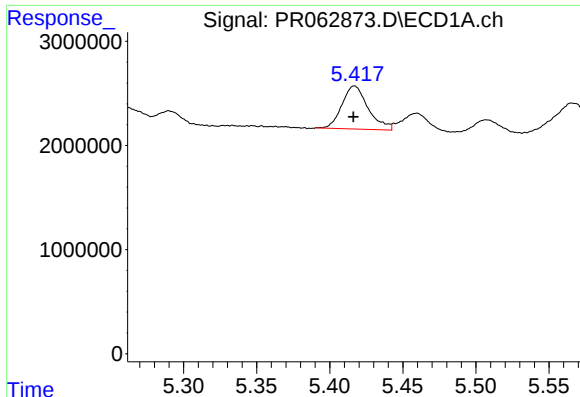
#22 AR-1248-2

R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 4591911
Conc: 62.68 ng/ml



#22 AR-1248-2

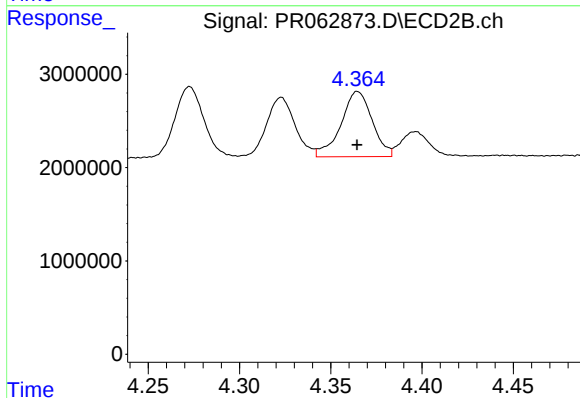
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 6964217
Conc: 67.68 ng/ml



#23 AR-1248-3

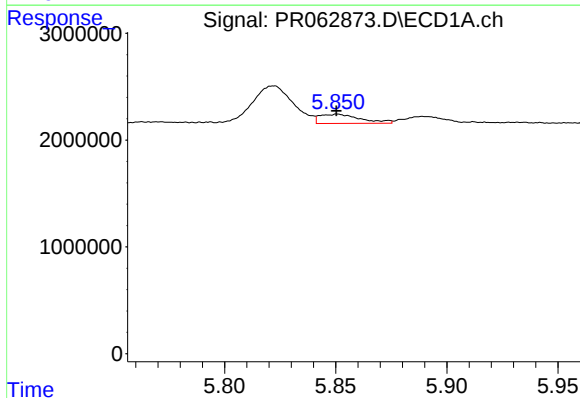
R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 5149747
Conc: 61.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



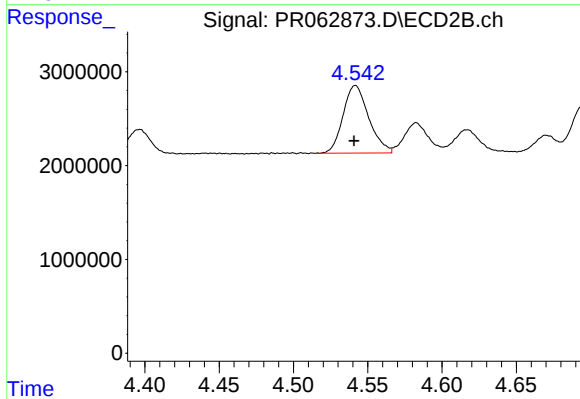
#23 AR-1248-3

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 8321068
Conc: 78.97 ng/ml



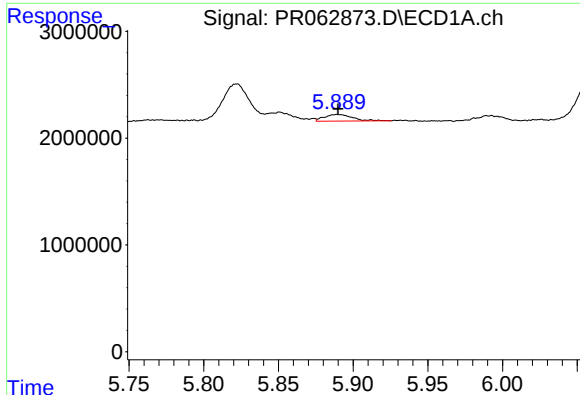
#24 AR-1248-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 1095346
Conc: 12.67 ng/ml



#24 AR-1248-4

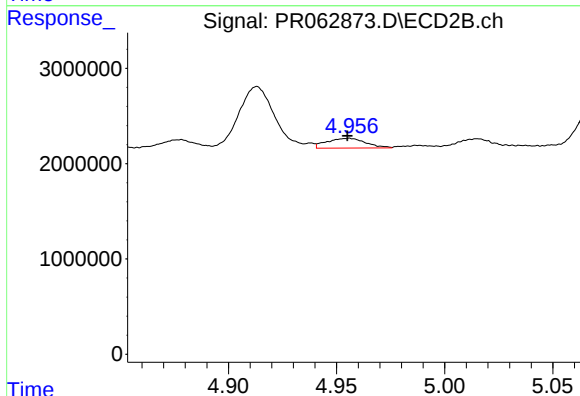
R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 8672722
Conc: 68.54 ng/ml



#25 AR-1248-5

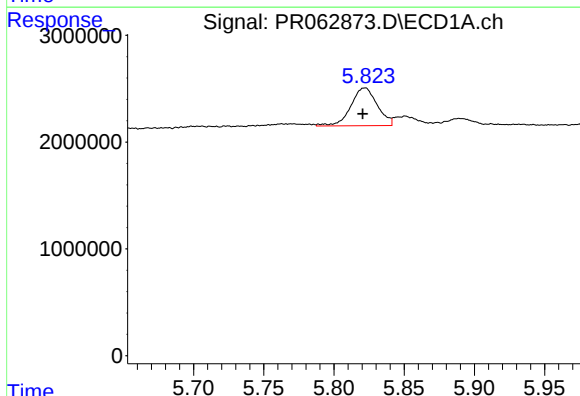
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 801649
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



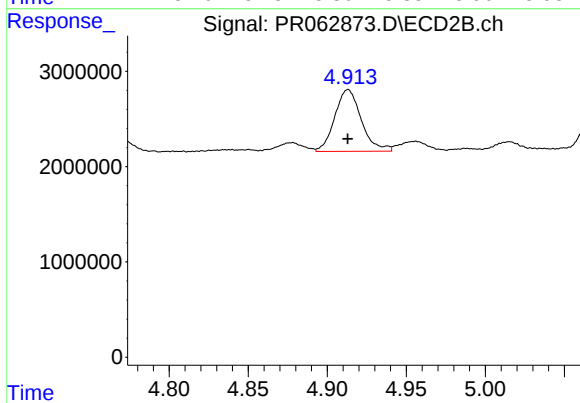
#25 AR-1248-5

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 1287093
Conc: 10.17 ng/ml



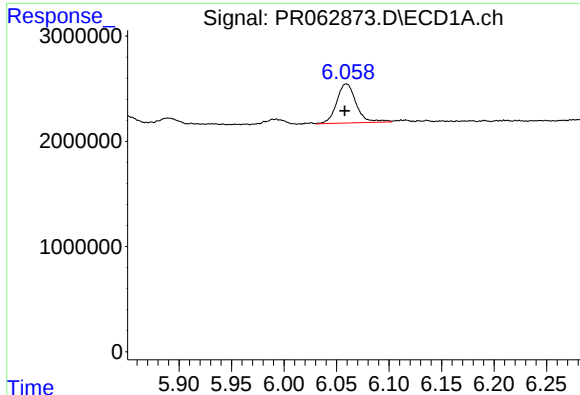
#26 AR-1254-1

R.T.: 5.822 min
Delta R.T.: 0.001 min
Response: 4650393
Conc: 51.60 ng/ml



#26 AR-1254-1

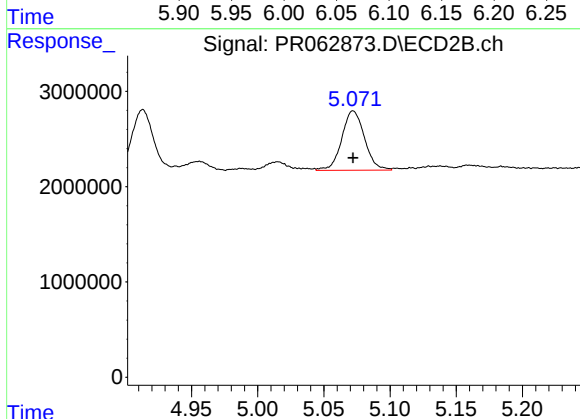
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 7574928
Conc: 40.47 ng/ml



#27 AR-1254-2

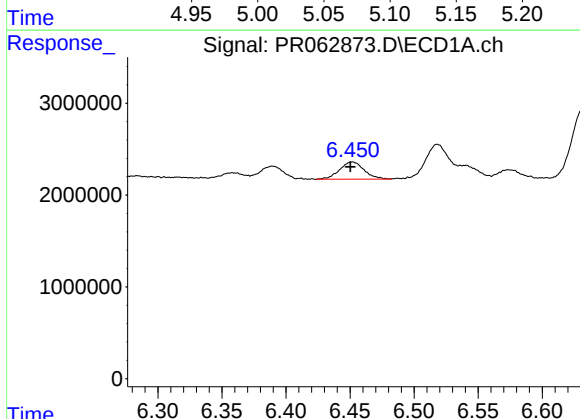
R.T.: 6.059 min
Delta R.T.: 0.002 min
Response: 4801074
Conc: 34.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



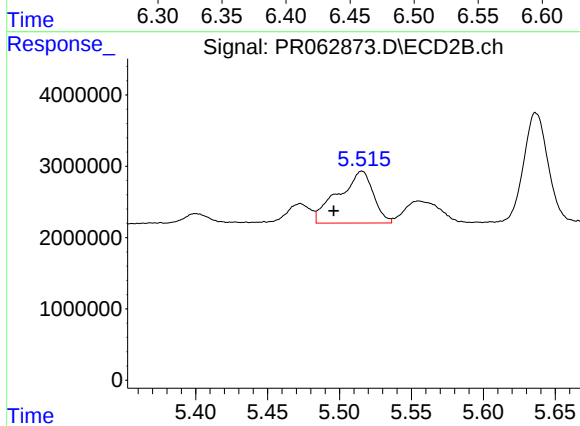
#27 AR-1254-2

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 7471195
Conc: 45.04 ng/ml



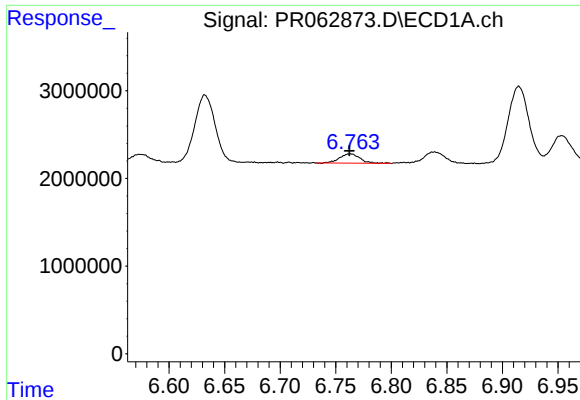
#28 AR-1254-3

R.T.: 6.452 min
Delta R.T.: 0.001 min
Response: 2512266
Conc: 17.90 ng/ml



#28 AR-1254-3

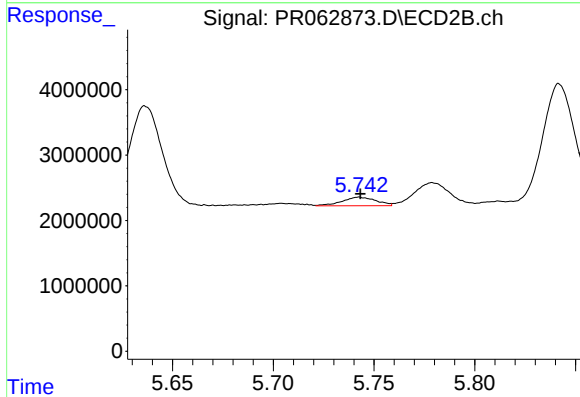
R.T.: 5.516 min
Delta R.T.: 0.020 min
Response: 12379625
Conc: 45.59 ng/ml



#29 AR-1254-4

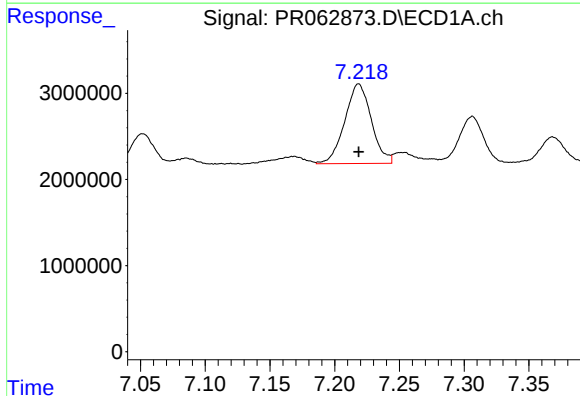
R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 1353683
Conc: 14.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



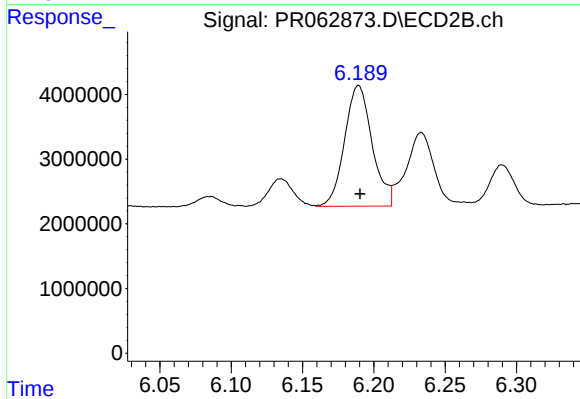
#29 AR-1254-4

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 1547023
Conc: 8.90 ng/ml



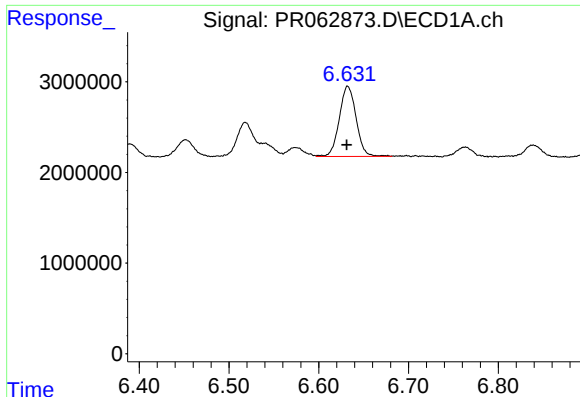
#30 AR-1254-5

R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 13216999
Conc: 127.41 ng/ml



#30 AR-1254-5

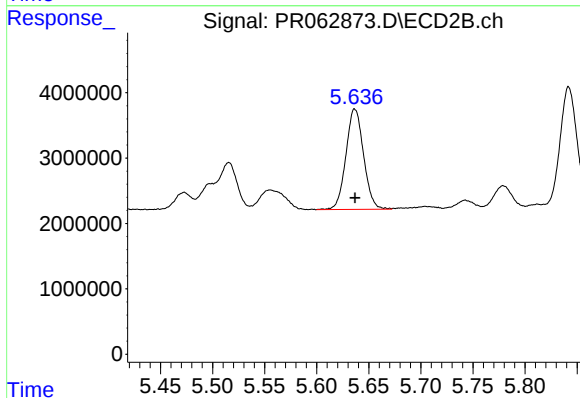
R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 25032636
Conc: 98.02 ng/ml



#31 AR-1260-1

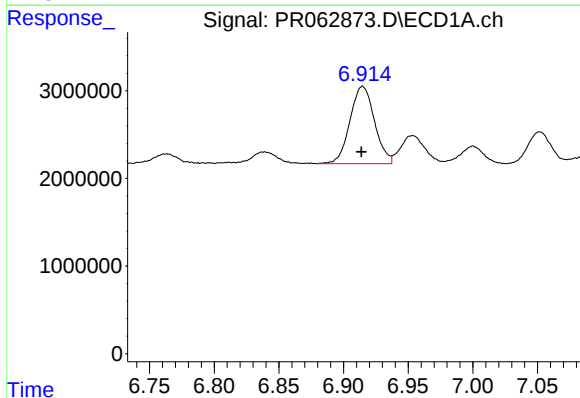
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 10070822
Conc: 94.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



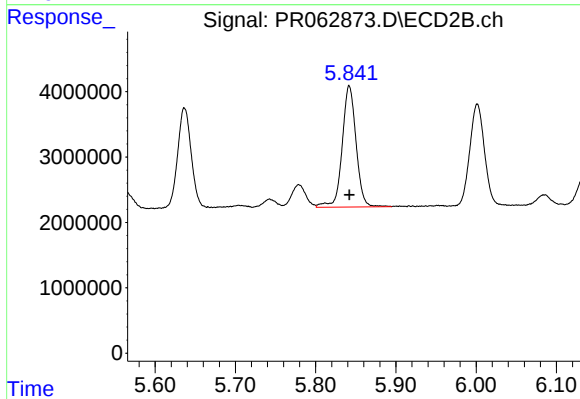
#31 AR-1260-1

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 18178656
Conc: 97.66 ng/ml



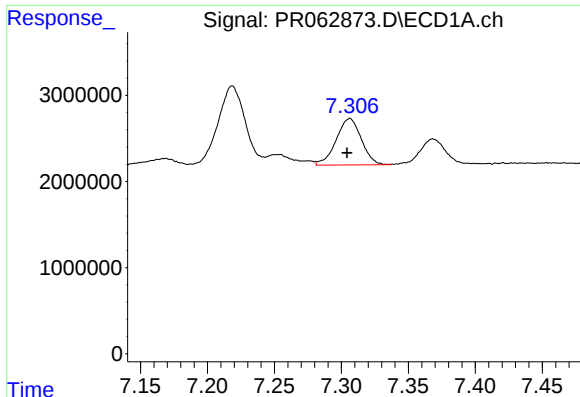
#32 AR-1260-2

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 11640321
Conc: 96.68 ng/ml



#32 AR-1260-2

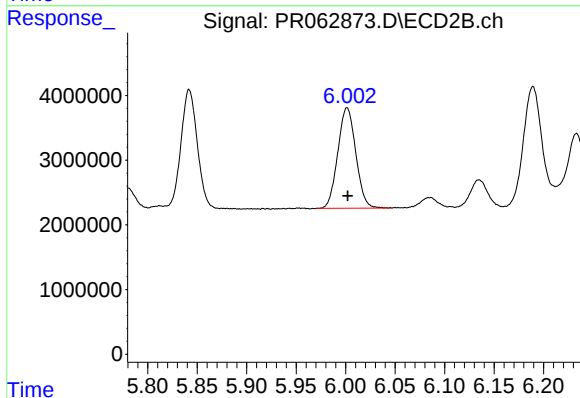
R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 22380800
Conc: 99.38 ng/ml



#33 AR-1260-3

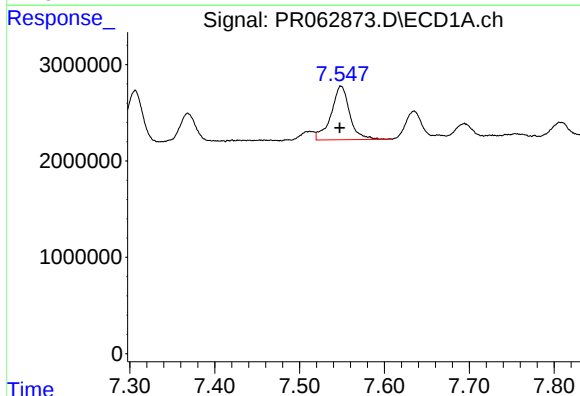
R.T.: 7.306 min
Delta R.T.: 0.002 min
Response: 7055883
Conc: 78.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



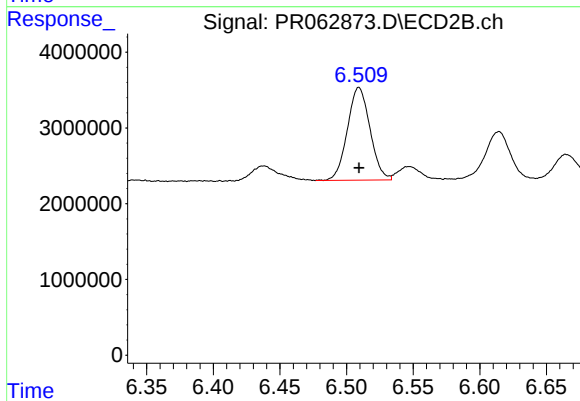
#33 AR-1260-3

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 19647183
Conc: 88.46 ng/ml



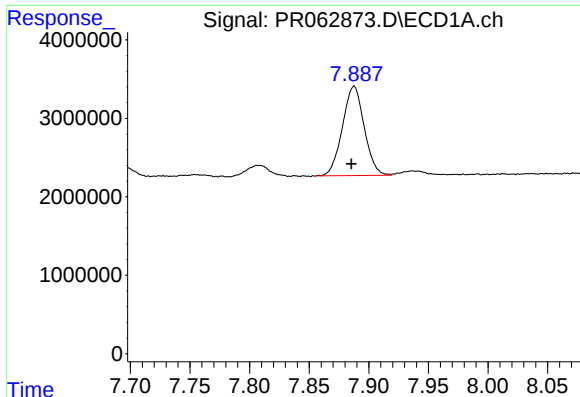
#34 AR-1260-4

R.T.: 7.549 min
Delta R.T.: 0.002 min
Response: 8506678
Conc: 86.00 ng/ml



#34 AR-1260-4

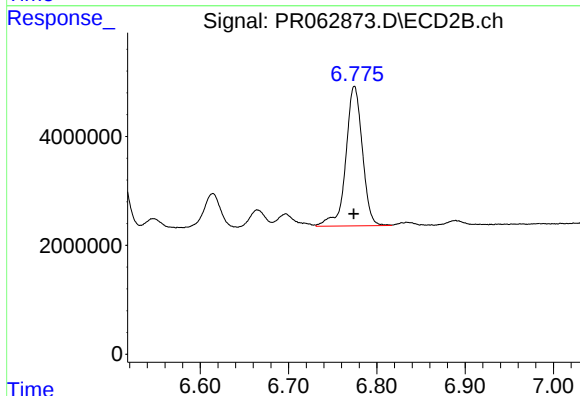
R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 14460498
Conc: 77.51 ng/ml



#35 AR-1260-5

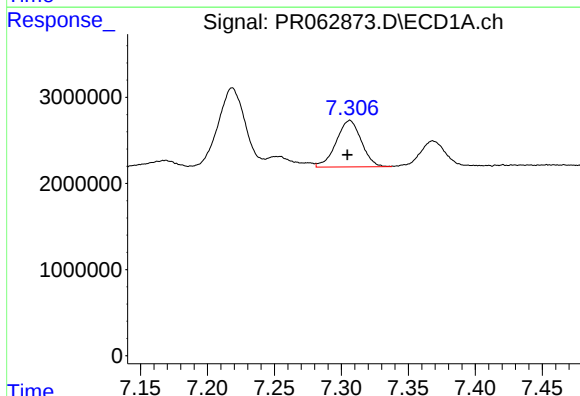
R.T.: 7.888 min
Delta R.T.: 0.002 min
Response: 14485240
Conc: 82.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



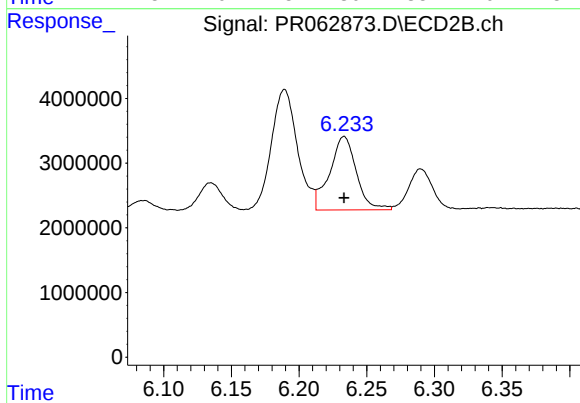
#35 AR-1260-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 33442911
Conc: 76.45 ng/ml



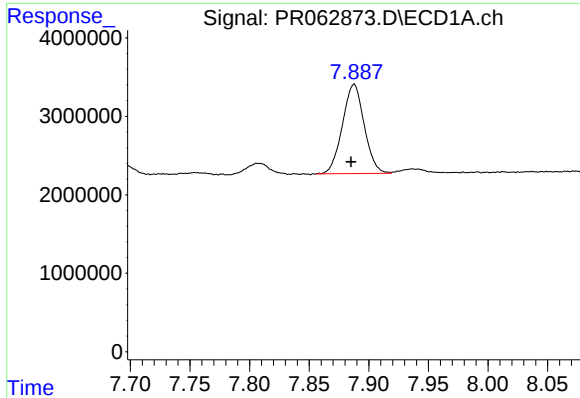
#36 AR-1262-1

R.T.: 7.306 min
Delta R.T.: 0.002 min
Response: 7055883
Conc: 55.01 ng/ml



#36 AR-1262-1

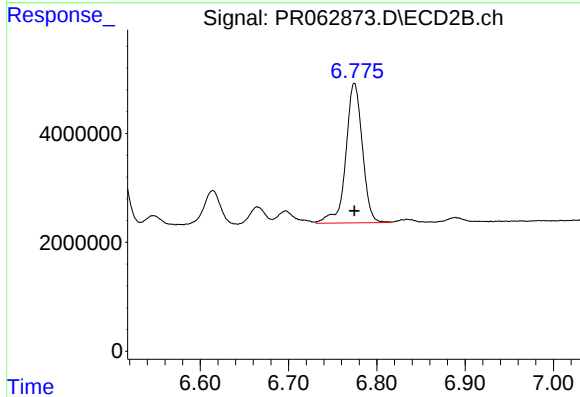
R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 15553674
Conc: 59.11 ng/ml



#37 AR-1262-2

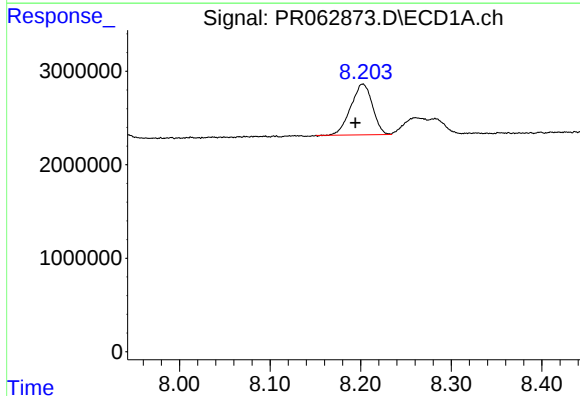
R.T.: 7.888 min
Delta R.T.: 0.002 min
Response: 14485240
Conc: 73.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



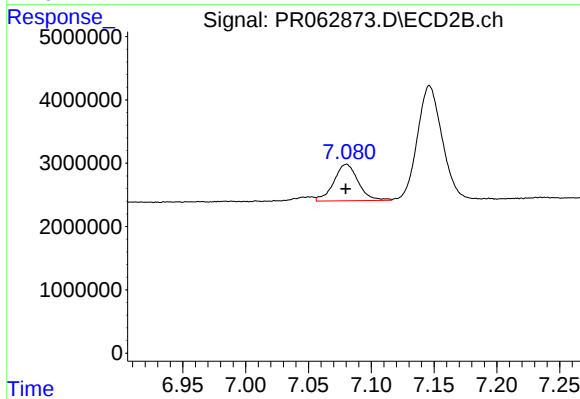
#37 AR-1262-2

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 33442911
Conc: 68.67 ng/ml



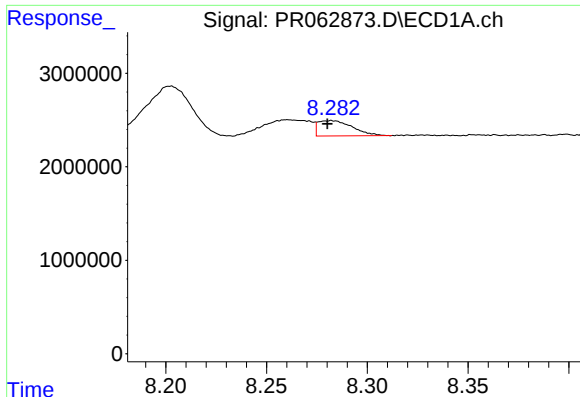
#38 AR-1262-3

R.T.: 8.202 min
Delta R.T.: 0.008 min
Response: 9034425
Conc: 65.21 ng/ml



#38 AR-1262-3

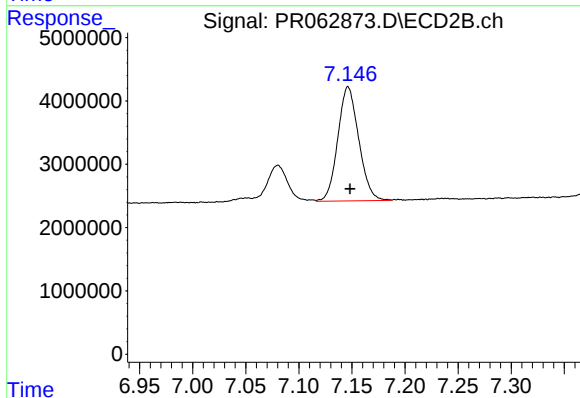
R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 7816376
Conc: 39.61 ng/ml



#39 AR-1262-4

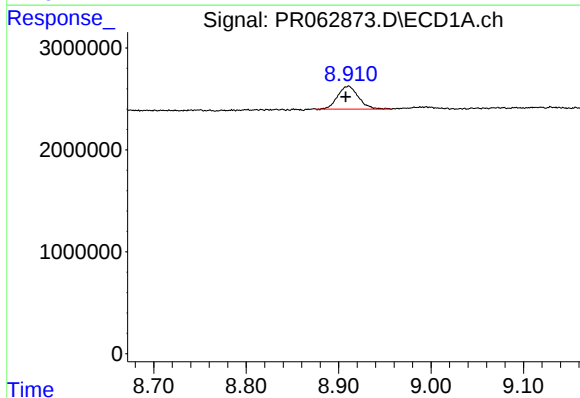
R.T.: 8.282 min
Delta R.T.: 0.002 min
Response: 1933526
Conc: 17.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



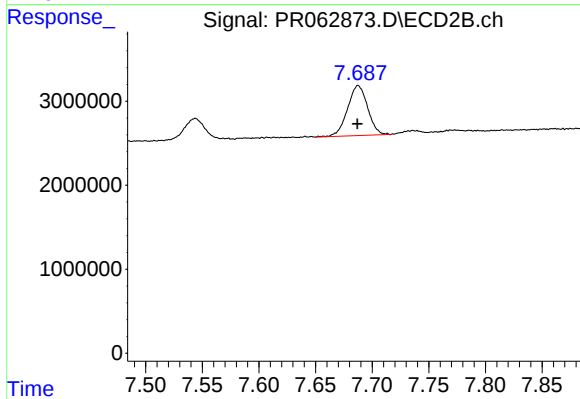
#39 AR-1262-4

R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 24759157
Conc: 66.56 ng/ml



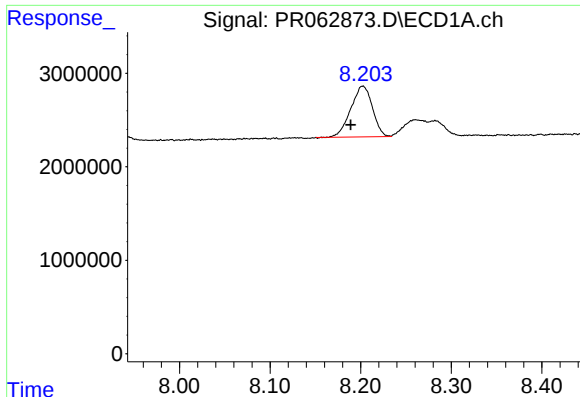
#40 AR-1262-5

R.T.: 8.911 min
Delta R.T.: 0.003 min
Response: 3548347
Conc: 51.46 ng/ml



#40 AR-1262-5

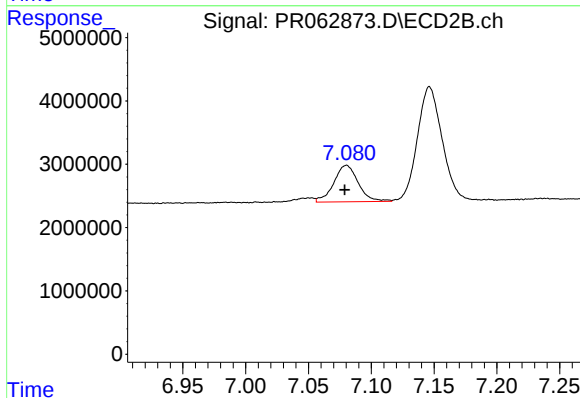
R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 7354939
Conc: 40.90 ng/ml



#41 AR-1268-1

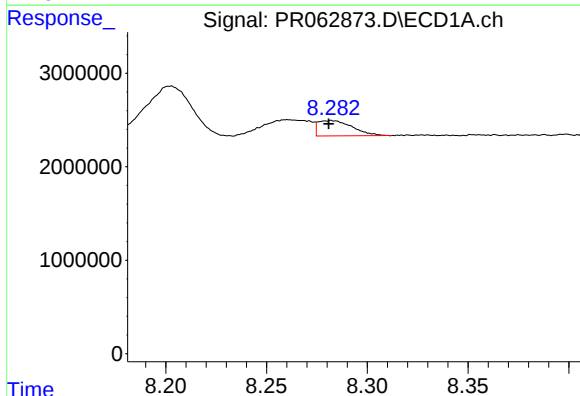
R.T.: 8.202 min
Delta R.T.: 0.013 min
Response: 9034425
Conc: 36.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



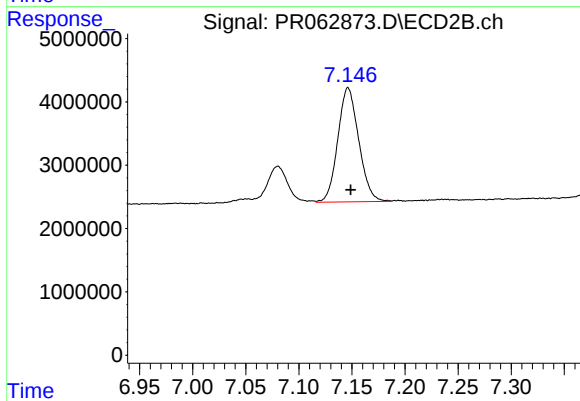
#41 AR-1268-1

R.T.: 7.080 min
Delta R.T.: 0.001 min
Response: 7816376
Conc: 13.42 ng/ml



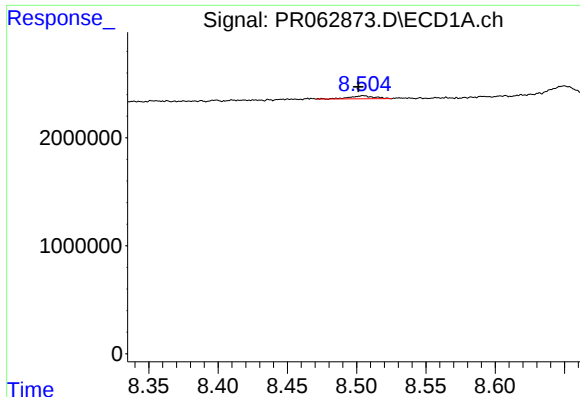
#42 AR-1268-2

R.T.: 8.282 min
Delta R.T.: 0.001 min
Response: 1933526
Conc: 8.46 ng/ml



#42 AR-1268-2

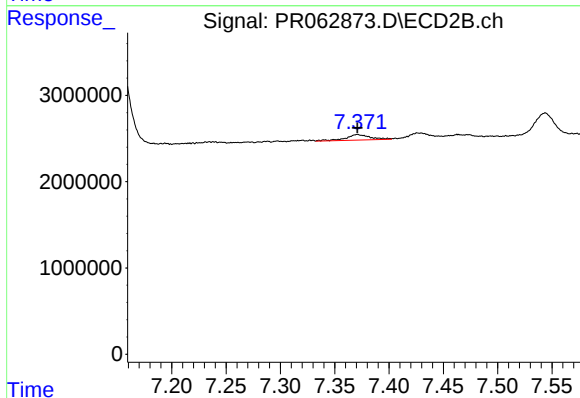
R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 24759157
Conc: 46.14 ng/ml



#43 AR-1268-3

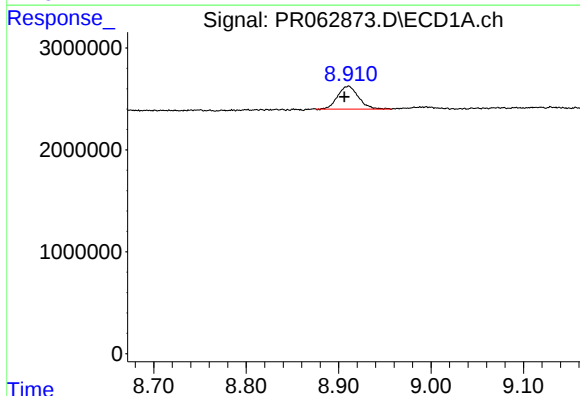
R.T.: 8.505 min
Delta R.T.: 0.004 min
Response: 351161
Conc: 1.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



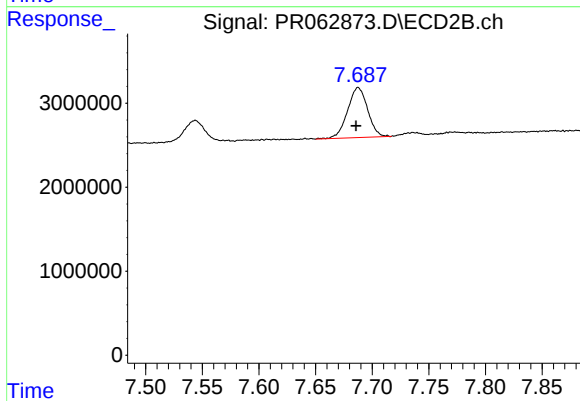
#43 AR-1268-3

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 1020728
Conc: 2.16 ng/ml



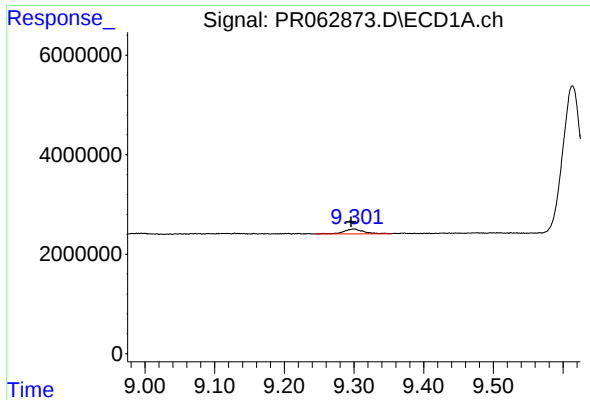
#44 AR-1268-4

R.T.: 8.911 min
Delta R.T.: 0.004 min
Response: 3548347
Conc: 45.93 ng/ml



#44 AR-1268-4

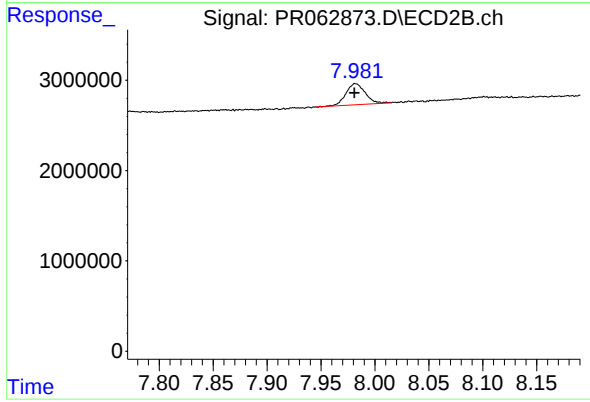
R.T.: 7.688 min
Delta R.T.: 0.002 min
Response: 7354939
Conc: 36.30 ng/ml



#45 AR-1268-5

R.T.: 9.300 min
Delta R.T.: 0.004 min
Response: 1861932
Conc: 3.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 2899343
Conc: 1.97 ng/ml