

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083023\
 Data File : PR062877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 20:08
 Operator : YP\AJ
 Sample : 04166-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 21:29:28 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	45094771	58998562	19.568	19.464
2)	SA Decachlor...	9.611	8.227	55221061	110.3E6	34.560	29.615
Target Compounds							
3)	L1 AR-1016-1	4.910	4.092	31754649	105.6E6	419.209	1022.745 #
4)	L1 AR-1016-2	4.932	4.092	46767567	105.6E6	422.669	719.519 #
5)	L1 AR-1016-3	4.996	4.273	28384118	33350773	408.754	416.944
6)	L1 AR-1016-4	5.099	4.323	23157016	26415142	429.697	407.855
7)	L1 AR-1016-5	5.416	4.542	22742611	34163930	404.389	404.400
8)	L2 AR-1221-1	3.898	3.176	3825180	3865404	136.664	101.101 #
9)	L2 AR-1221-2	3.993	3.264	3815316	5137493	195.226	185.602
10)	L2 AR-1221-3	4.072	3.341	17382473	22611121	260.928	249.827
11)	L3 AR-1232-1	4.072	3.341	17382473	22611121	315.072	298.039
12)	L3 AR-1232-2	4.624	4.092	23543138	105.6E6	891.576	1548.206 #
13)	L3 AR-1232-3	4.932	4.273	46767567	33350773	921.032	920.749
14)	L3 AR-1232-4	5.099	4.365	23157016	31988121	956.161	960.918
15)	L3 AR-1232-5	5.204	4.542	18989311	34163930	974.824	919.670
16)	L4 AR-1242-1	4.910	4.092	31754649	105.6E6	454.164	1090.050 #
17)	L4 AR-1242-2	4.932	4.092	46767567	105.6E6	468.816	775.689 #
18)	L4 AR-1242-3	4.996	4.273	28384118	33350773	453.599	450.267
19)	L4 AR-1242-4	5.099	4.365	23157016	31988121	467.608	433.558
20)	L4 AR-1242-5	5.891	4.913	3186659	28113364	62.584	299.770 #
21)	L5 AR-1248-1	4.910	4.092	31754649	105.6E6	624.331	1472.270 #
22)	L5 AR-1248-2	5.204	4.323	18989311	26415142	259.200	256.713
23)	L5 AR-1248-3	5.416	4.365	22742611	31988121	271.057	303.571
24)	L5 AR-1248-4	5.850	4.542	3530685	34163930	40.855	269.995 #
25)	L5 AR-1248-5	5.891	4.955	3186659	4335129	37.946	34.241
26)	L6 AR-1254-1	5.821	4.913	16200121	28113364	179.745	150.188
27)	L6 AR-1254-2	6.059	5.073	17865790	27551291	128.653	166.106 #
28)	L6 AR-1254-3	6.451	5.515	9055745	51248651	64.526	188.752 #
29)	L6 AR-1254-4	6.762	5.743	5537639	6031956	58.306	34.703 #
30)	L6 AR-1254-5	7.218	6.189	52417977	103.5E6	505.303	405.369
31)	L7 AR-1260-1	6.632	5.637	40529151	73609132	379.808	395.438
32)	L7 AR-1260-2	6.914	5.841	45486260	89256011	377.775	396.316
33)	L7 AR-1260-3	7.305	6.001	27858605	82007761	310.404	369.216
34)	L7 AR-1260-4	7.548	6.509	33826357	59351795	341.981	318.129
35)	L7 AR-1260-5	7.886	6.774	58927062	142.9E6	335.617	326.747
36)	L8 AR-1262-1	7.305	6.233	27858605	61491907	217.199	233.697
37)	L8 AR-1262-2	7.886	6.774	58927062	142.9E6	297.430	293.504
38)	L8 AR-1262-3	8.200	7.080	38278194	28312433	276.290	143.474 #
39)	L8 AR-1262-4	8.279	7.146	8302556	102.4E6	76.569	275.391 #
40)	L8 AR-1262-5	8.908	7.686	14124394	30582326	204.826	170.056
41)	L9 AR-1268-1	8.200	7.080	38278194	28312433	152.994	48.616 #

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 ALS Vial : 24 Sample Multiplier: 1

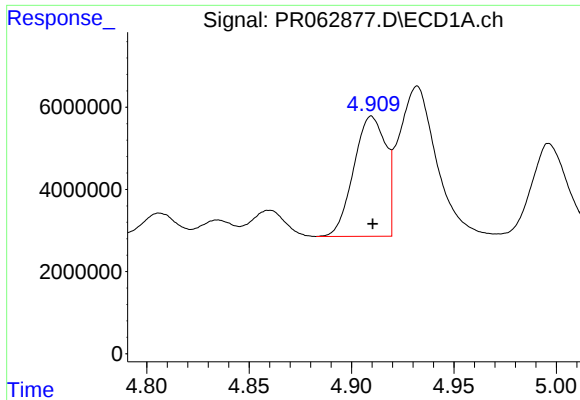
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 21:29:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082823CLP.M
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 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	8.279	7.146	8302556	102.4E6	36.328	190.914 #
43) L9	AR-1268-3	8.500	7.371	1197068	2190221	6.226	4.637 #
44) L9	AR-1268-4	8.908	7.686	14124394	30582326	182.813	150.928
45) L9	AR-1268-5	9.299	7.982	4794100	9866063	8.213	6.712

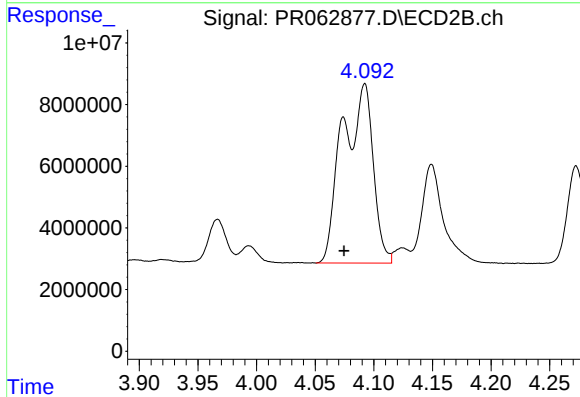
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

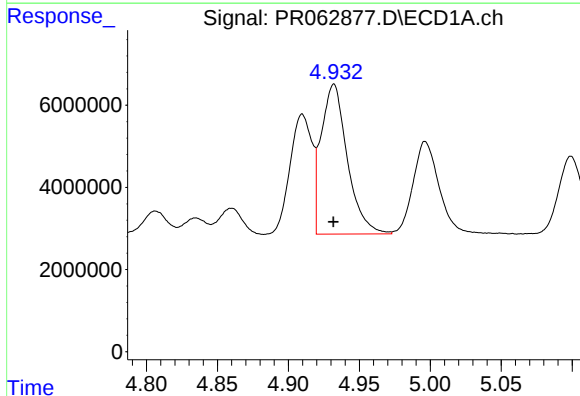
R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 31754649
Conc: 419.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



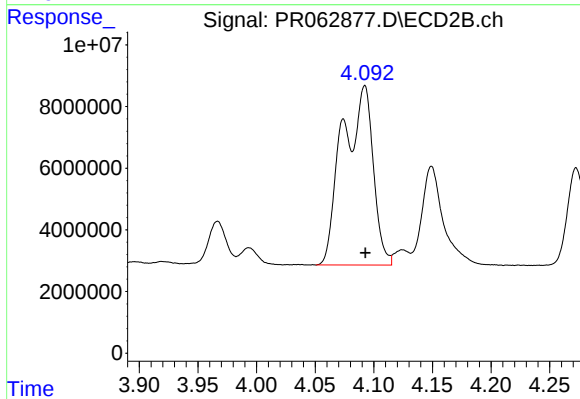
#3 AR-1016-1

R.T.: 4.092 min
Delta R.T.: 0.017 min
Response: 105635371
Conc: 1022.74 ng/ml



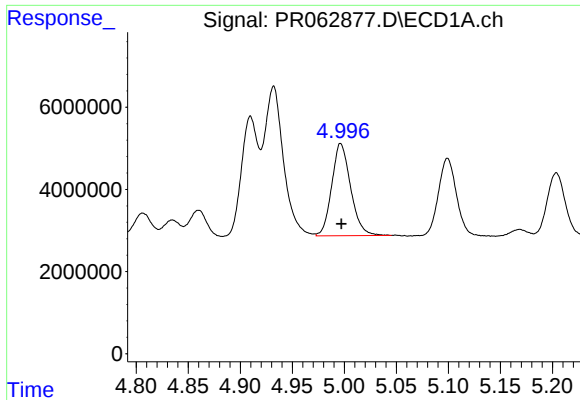
#4 AR-1016-2

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 46767567
Conc: 422.67 ng/ml



#4 AR-1016-2

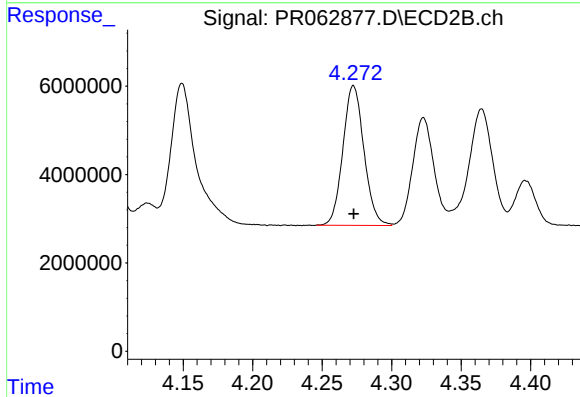
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 105635371
Conc: 719.52 ng/ml



#5 AR-1016-3

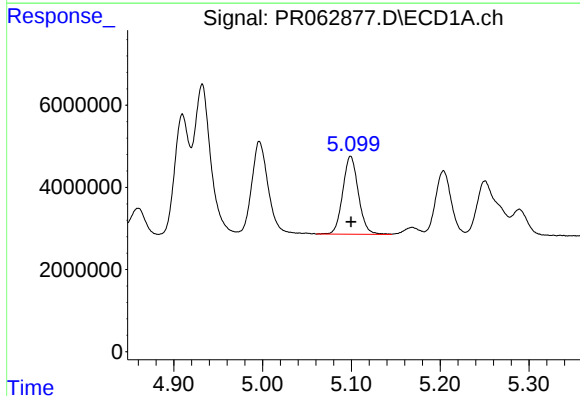
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 28384118
Conc: 408.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



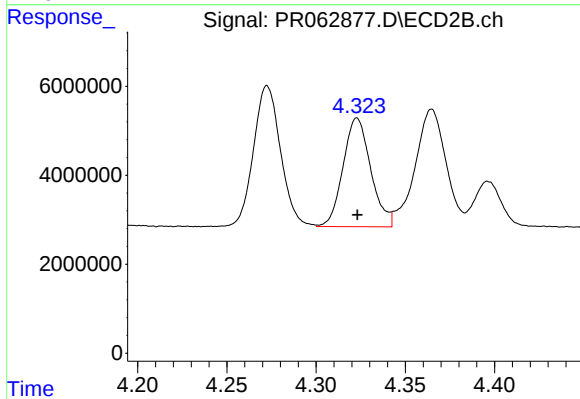
#5 AR-1016-3

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 33350773
Conc: 416.94 ng/ml



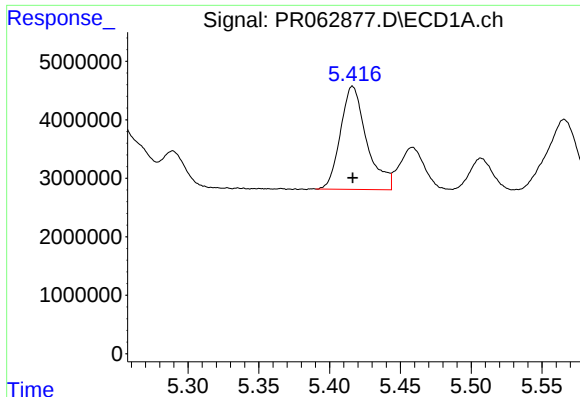
#6 AR-1016-4

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 23157016
Conc: 429.70 ng/ml



#6 AR-1016-4

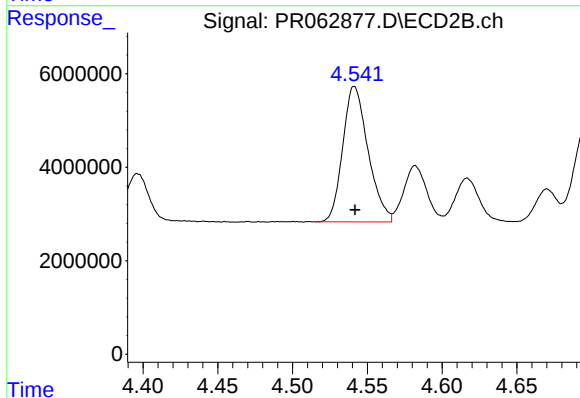
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 26415142
Conc: 407.85 ng/ml



#7 AR-1016-5

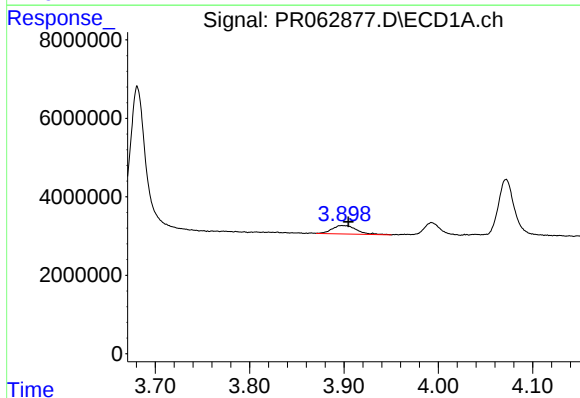
R.T.: 5.416 min
Delta R.T.: 0.000 min
Response: 22742611
Conc: 404.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



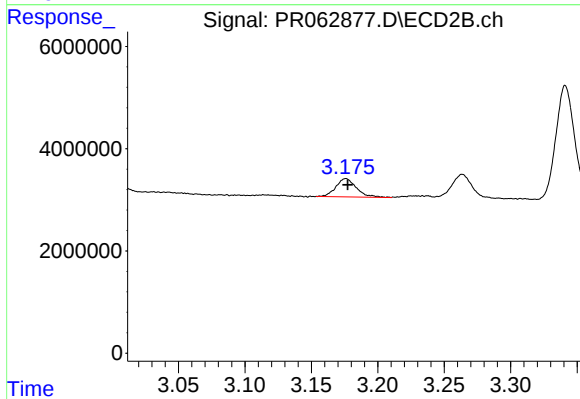
#7 AR-1016-5

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 34163930
Conc: 404.40 ng/ml



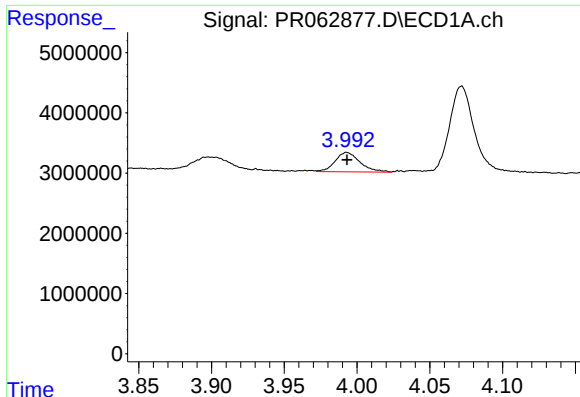
#8 AR-1221-1

R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 3825180
Conc: 136.66 ng/ml



#8 AR-1221-1

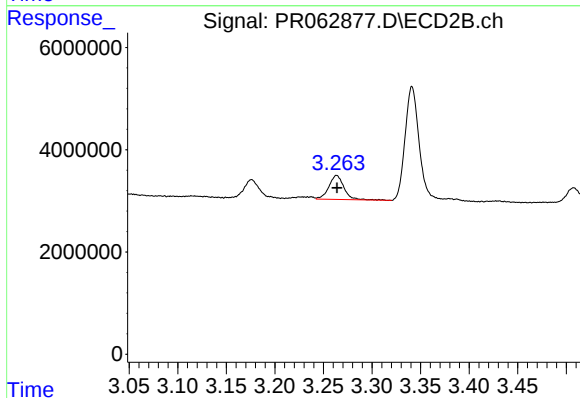
R.T.: 3.176 min
Delta R.T.: -0.001 min
Response: 3865404
Conc: 101.10 ng/ml



#9 AR-1221-2

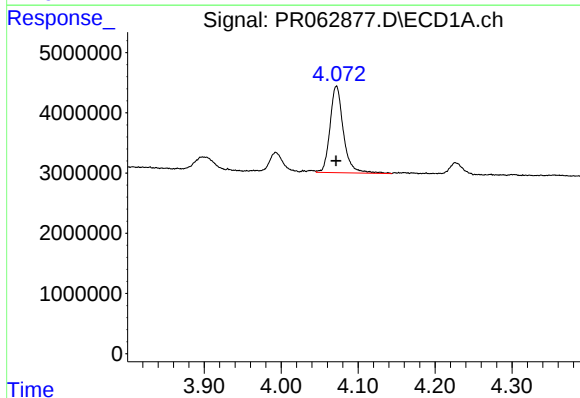
R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 3815316
Conc: 195.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



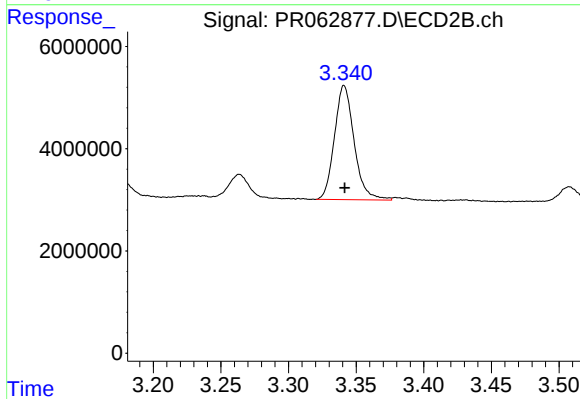
#9 AR-1221-2

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 5137493
Conc: 185.60 ng/ml



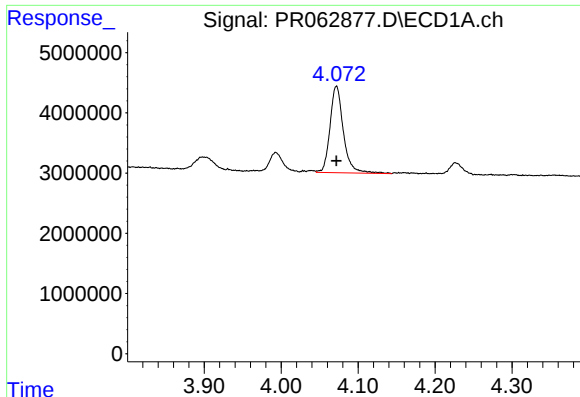
#10 AR-1221-3

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 17382473
Conc: 260.93 ng/ml



#10 AR-1221-3

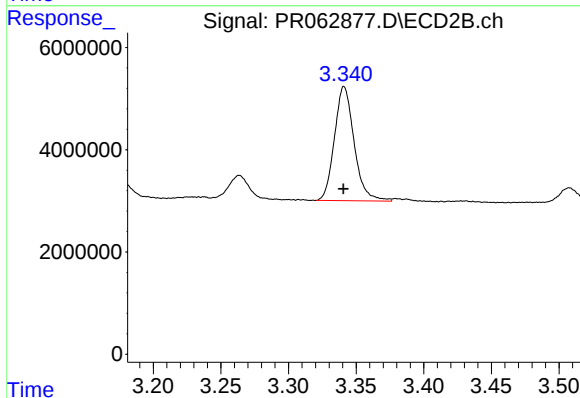
R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 22611121
Conc: 249.83 ng/ml



#11 AR-1232-1

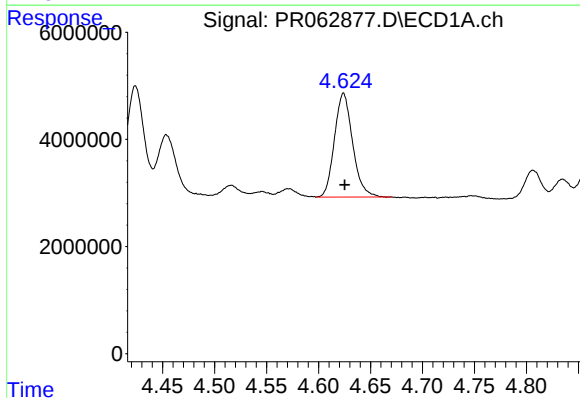
R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 17382473
Conc: 315.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



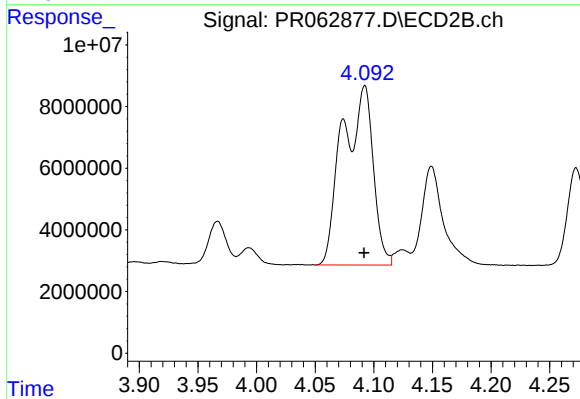
#11 AR-1232-1

R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 22611121
Conc: 298.04 ng/ml



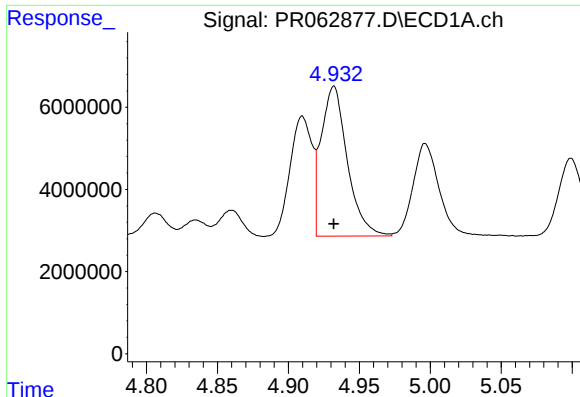
#12 AR-1232-2

R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 23543138
Conc: 891.58 ng/ml



#12 AR-1232-2

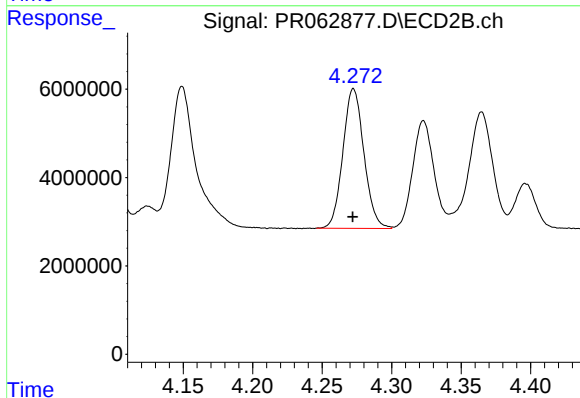
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 105635371
Conc: 1548.21 ng/ml



#13 AR-1232-3

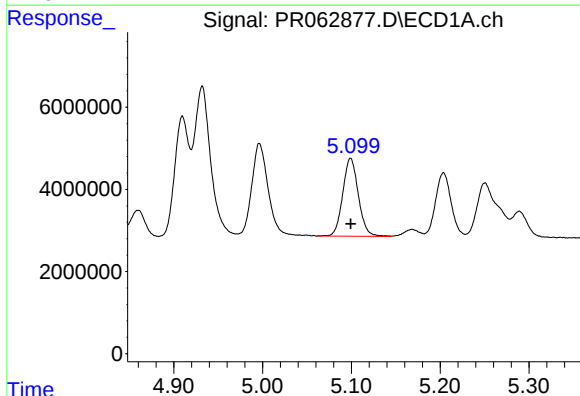
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 46767567
Conc: 921.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



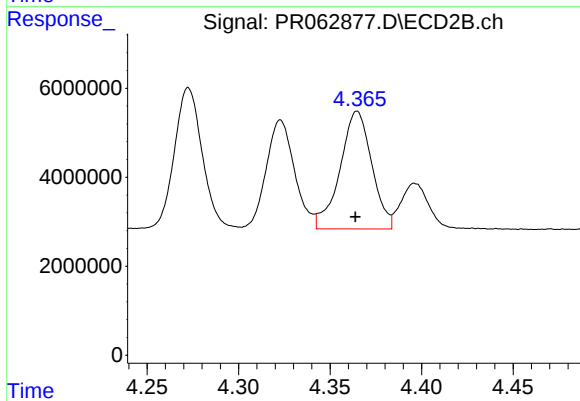
#13 AR-1232-3

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 33350773
Conc: 920.75 ng/ml



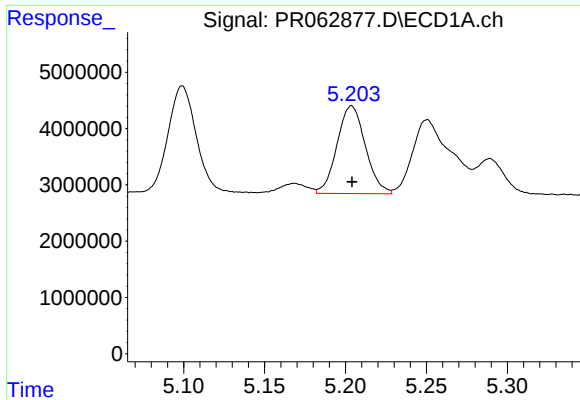
#14 AR-1232-4

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 23157016
Conc: 956.16 ng/ml



#14 AR-1232-4

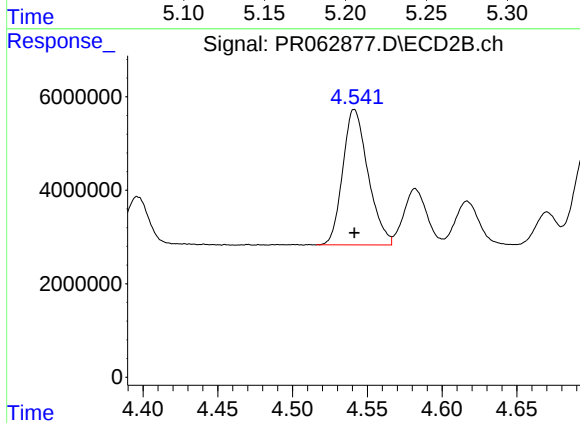
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 31988121
Conc: 960.92 ng/ml



#15 AR-1232-5

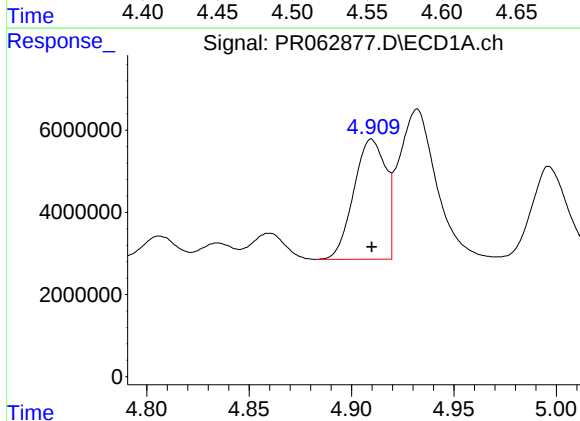
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 18989311
Conc: 974.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



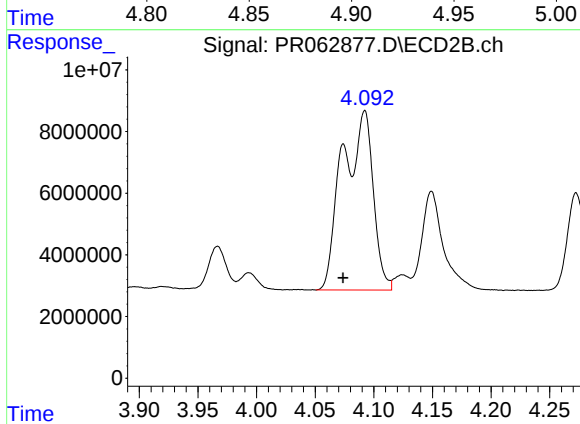
#15 AR-1232-5

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 34163930
Conc: 919.67 ng/ml



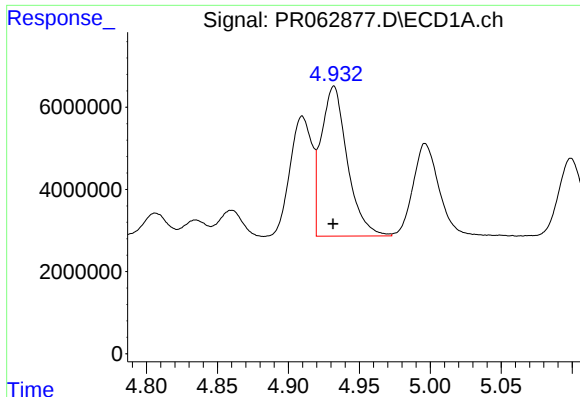
#16 AR-1242-1

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 31754649
Conc: 454.16 ng/ml



#16 AR-1242-1

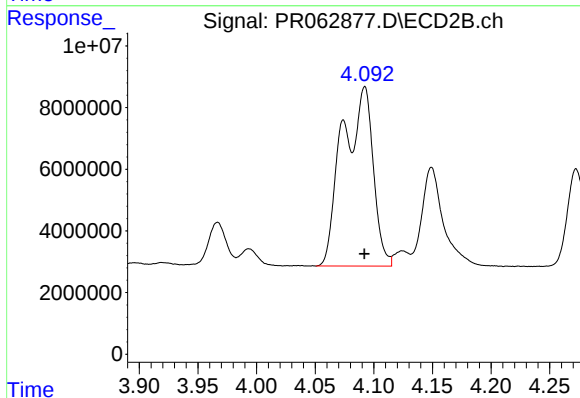
R.T.: 4.092 min
Delta R.T.: 0.018 min
Response: 105635371
Conc: 1090.05 ng/ml



#17 AR-1242-2

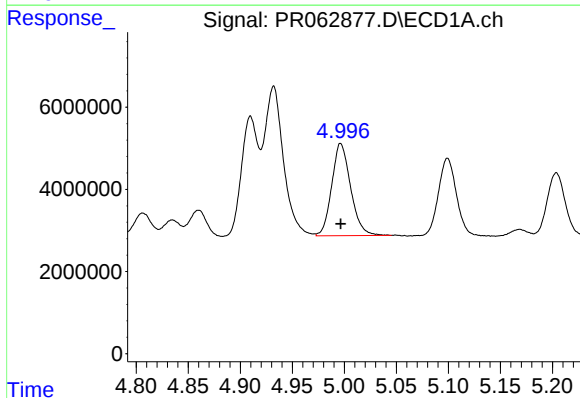
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 46767567
Conc: 468.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



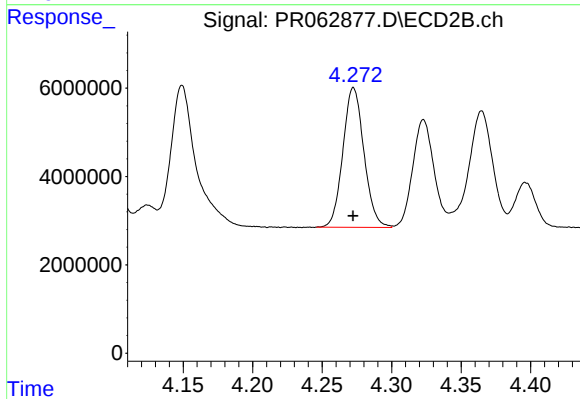
#17 AR-1242-2

R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 105635371
Conc: 775.69 ng/ml



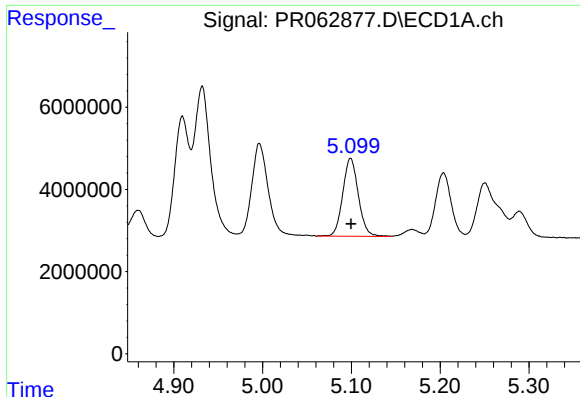
#18 AR-1242-3

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 28384118
Conc: 453.60 ng/ml



#18 AR-1242-3

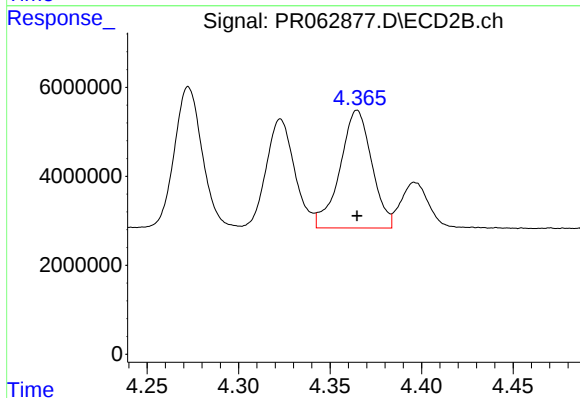
R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 33350773
Conc: 450.27 ng/ml



#19 AR-1242-4

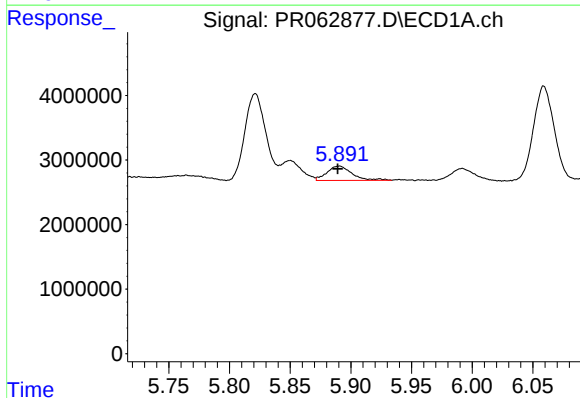
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 23157016
Conc: 467.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



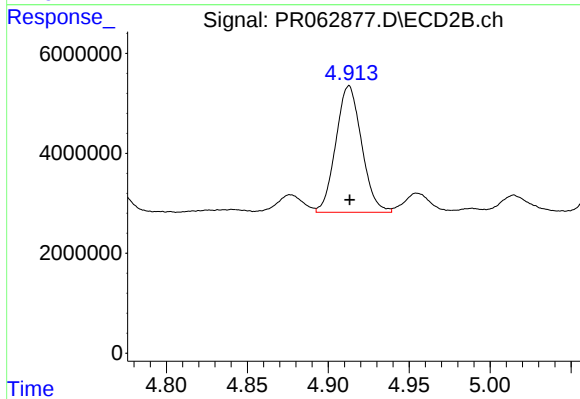
#19 AR-1242-4

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 31988121
Conc: 433.56 ng/ml



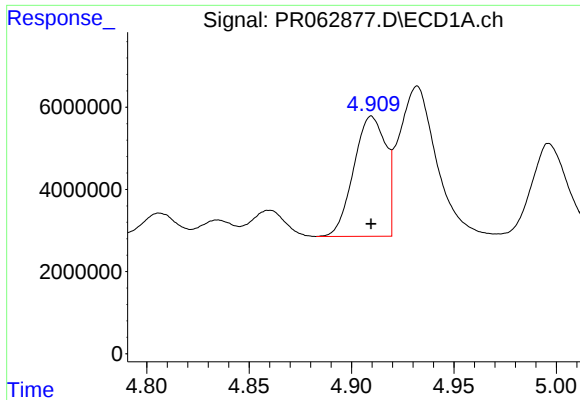
#20 AR-1242-5

R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 3186659
Conc: 62.58 ng/ml



#20 AR-1242-5

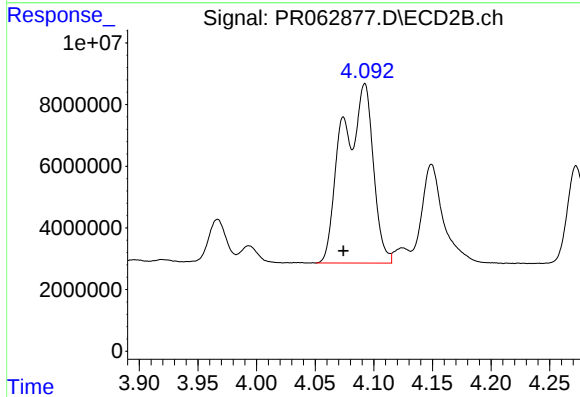
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 28113364
Conc: 299.77 ng/ml



#21 AR-1248-1

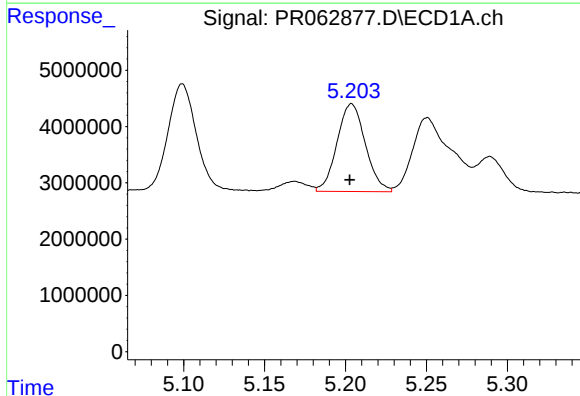
R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 31754649
Conc: 624.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



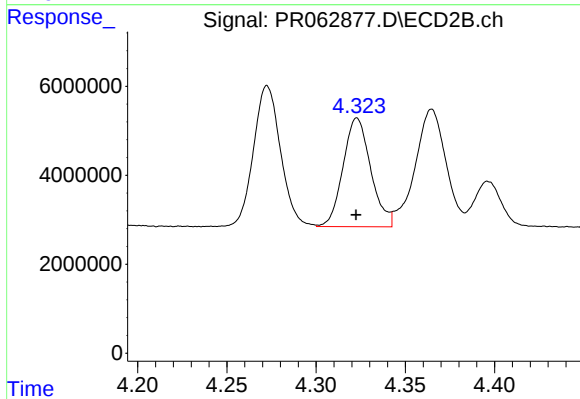
#21 AR-1248-1

R.T.: 4.092 min
Delta R.T.: 0.018 min
Response: 105635371
Conc: 1472.27 ng/ml



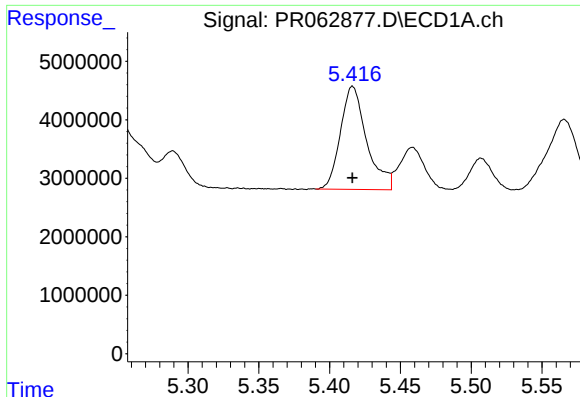
#22 AR-1248-2

R.T.: 5.204 min
Delta R.T.: 0.001 min
Response: 18989311
Conc: 259.20 ng/ml



#22 AR-1248-2

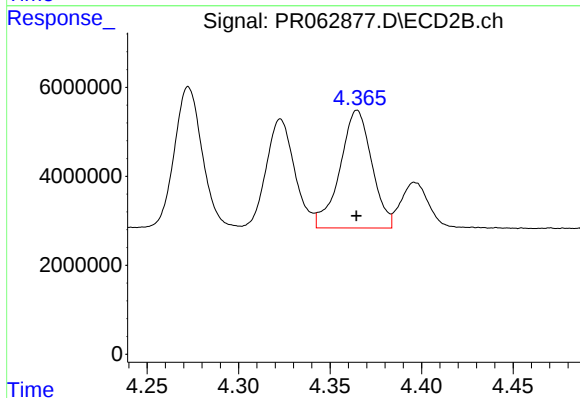
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 26415142
Conc: 256.71 ng/ml



#23 AR-1248-3

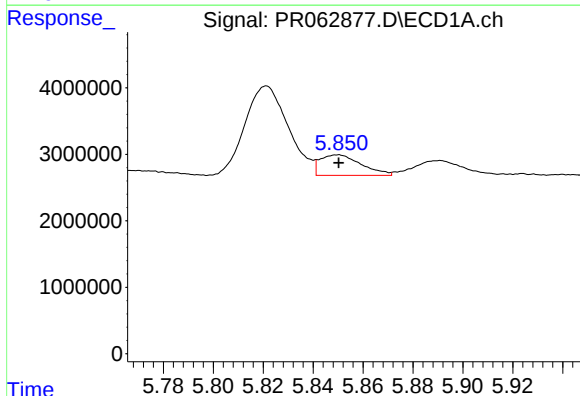
R.T.: 5.416 min
Delta R.T.: 0.000 min
Response: 22742611
Conc: 271.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



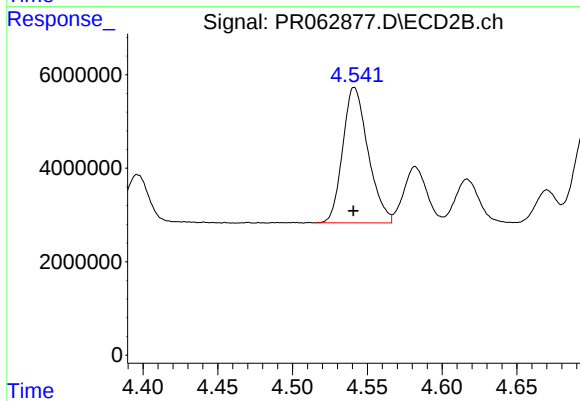
#23 AR-1248-3

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 31988121
Conc: 303.57 ng/ml



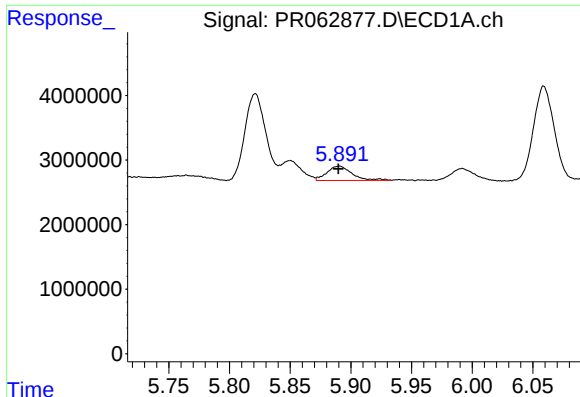
#24 AR-1248-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 3530685
Conc: 40.86 ng/ml



#24 AR-1248-4

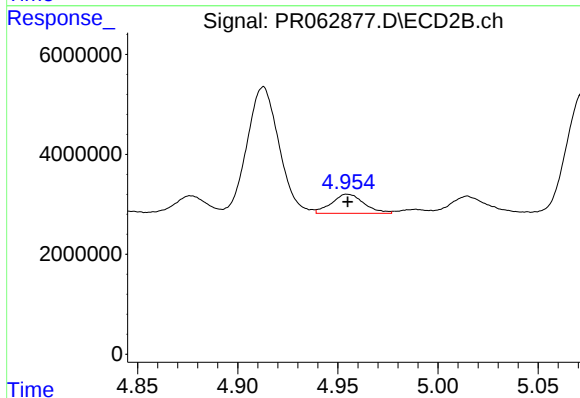
R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 34163930
Conc: 269.99 ng/ml



#25 AR-1248-5

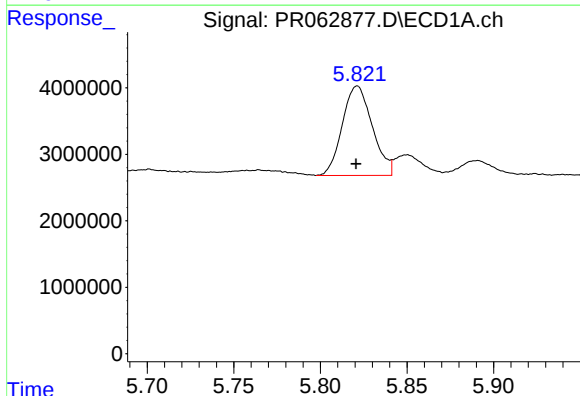
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 3186659
Conc: 37.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



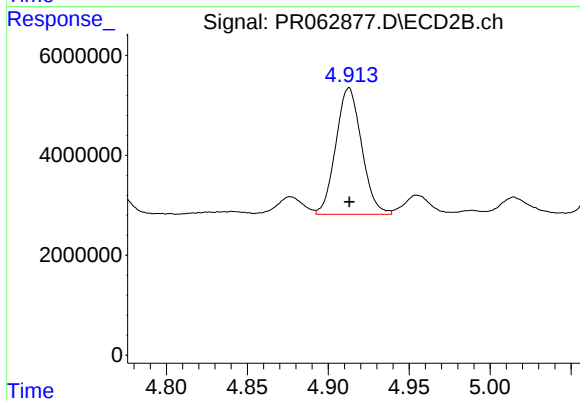
#25 AR-1248-5

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 4335129
Conc: 34.24 ng/ml



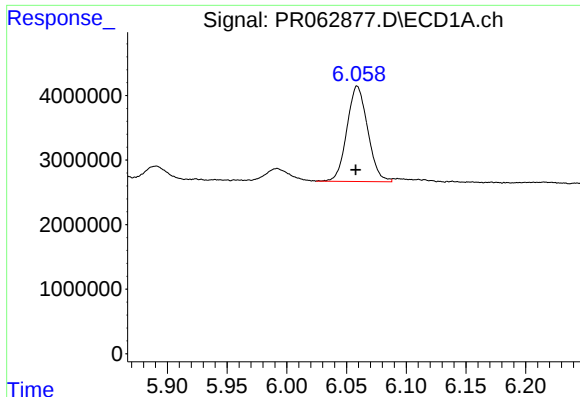
#26 AR-1254-1

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 16200121
Conc: 179.75 ng/ml



#26 AR-1254-1

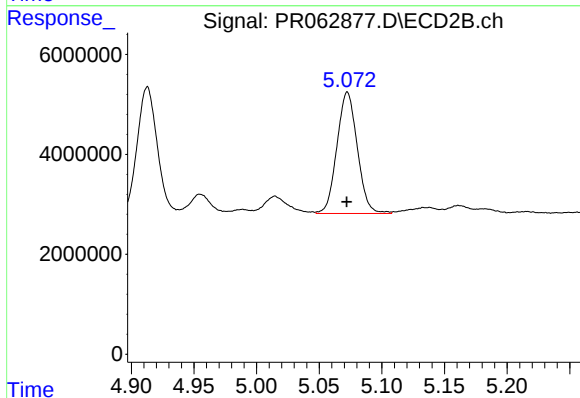
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 28113364
Conc: 150.19 ng/ml



#27 AR-1254-2

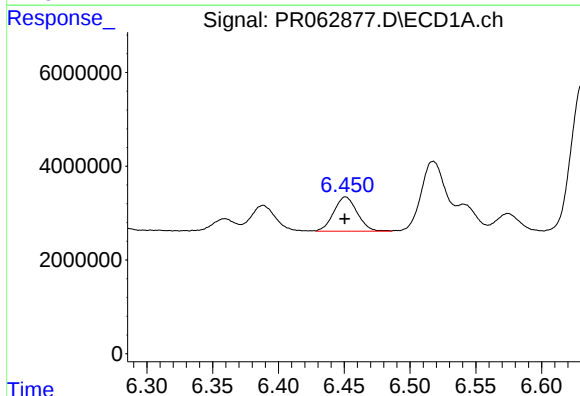
R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 17865790
Conc: 128.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



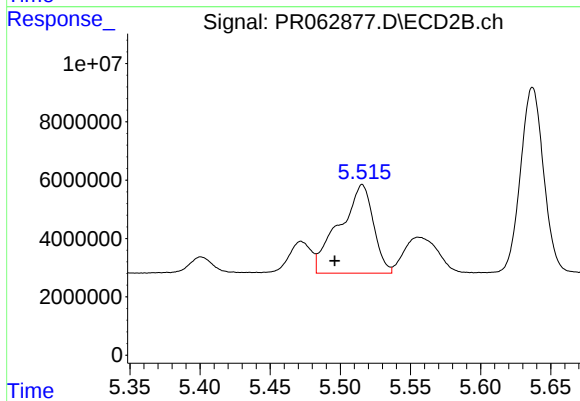
#27 AR-1254-2

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 27551291
Conc: 166.11 ng/ml



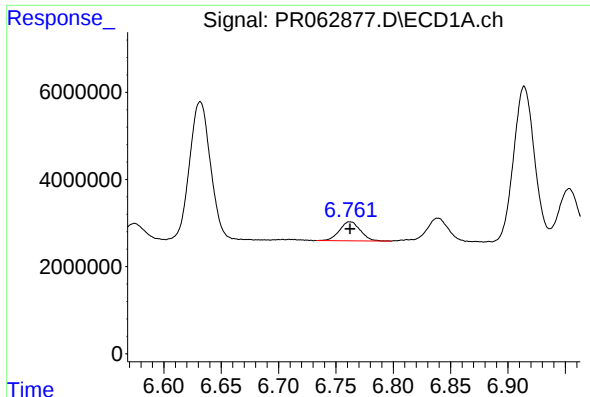
#28 AR-1254-3

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 9055745
Conc: 64.53 ng/ml



#28 AR-1254-3

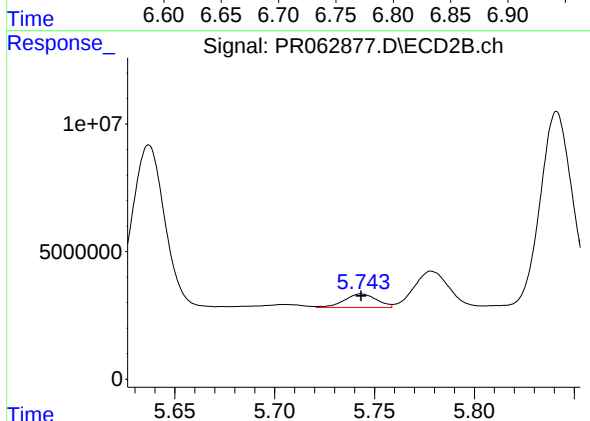
R.T.: 5.515 min
Delta R.T.: 0.019 min
Response: 51248651
Conc: 188.75 ng/ml



#29 AR-1254-4

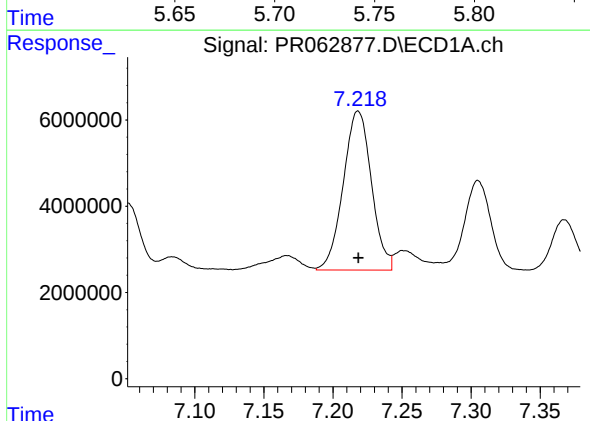
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 5537639
Conc: 58.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



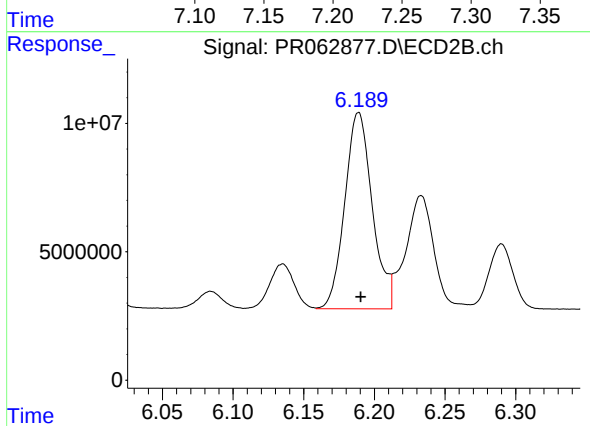
#29 AR-1254-4

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 6031956
Conc: 34.70 ng/ml



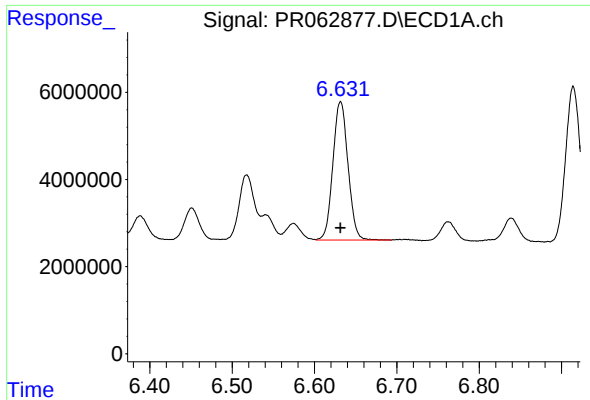
#30 AR-1254-5

R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 52417977
Conc: 505.30 ng/ml



#30 AR-1254-5

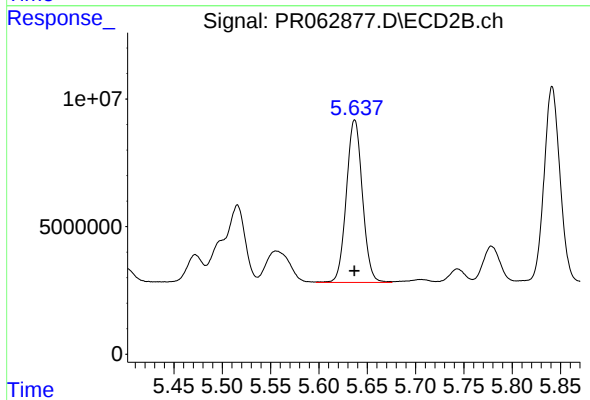
R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 103525983
Conc: 405.37 ng/ml



#31 AR-1260-1

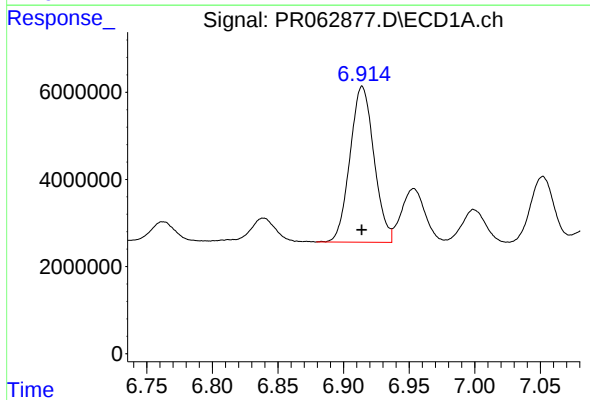
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 40529151
Conc: 379.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



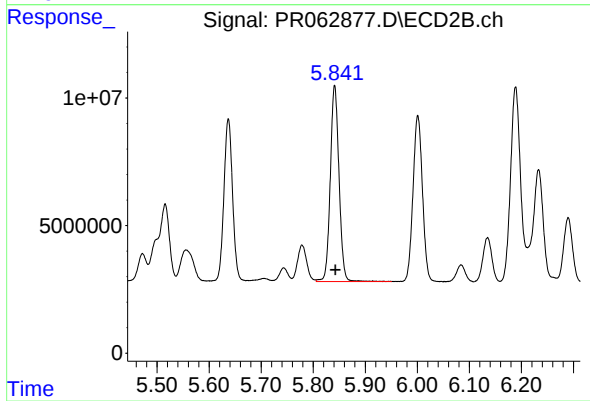
#31 AR-1260-1

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 73609132
Conc: 395.44 ng/ml



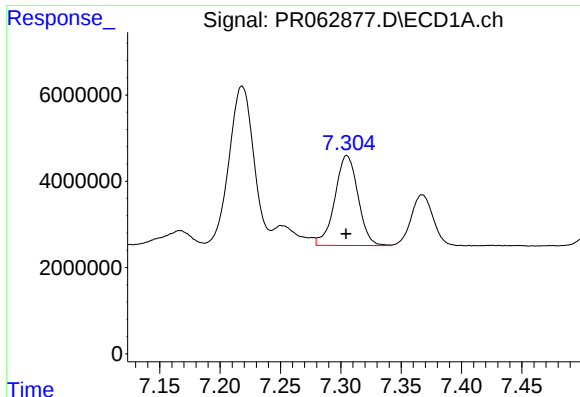
#32 AR-1260-2

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 45486260
Conc: 377.78 ng/ml



#32 AR-1260-2

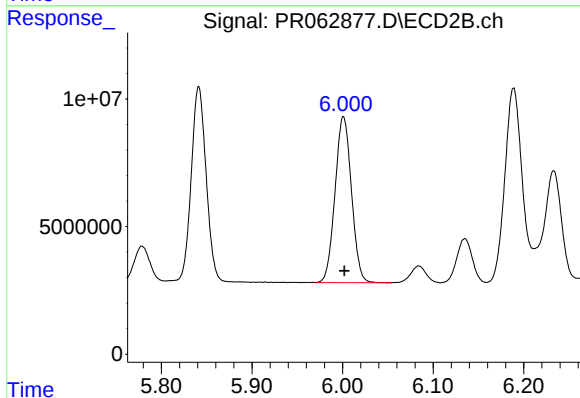
R.T.: 5.841 min
Delta R.T.: -0.001 min
Response: 89256011
Conc: 396.32 ng/ml



#33 AR-1260-3

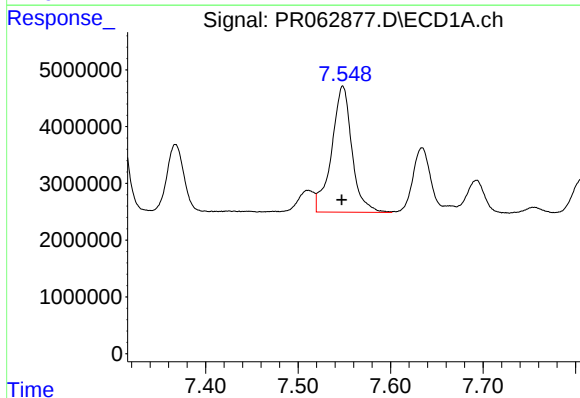
R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 27858605
Conc: 310.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



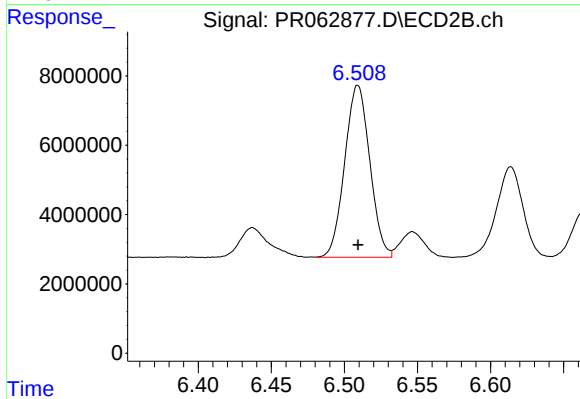
#33 AR-1260-3

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 82007761
Conc: 369.22 ng/ml



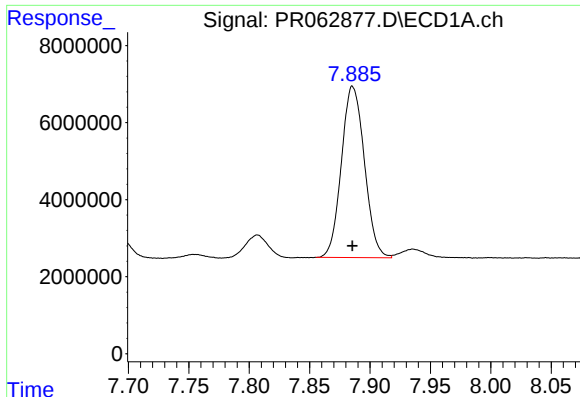
#34 AR-1260-4

R.T.: 7.548 min
Delta R.T.: 0.001 min
Response: 33826357
Conc: 341.98 ng/ml



#34 AR-1260-4

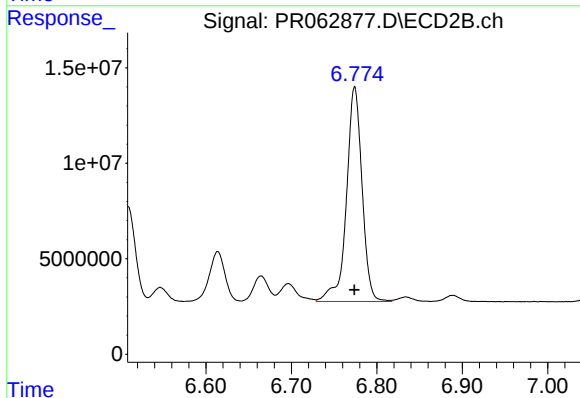
R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 59351795
Conc: 318.13 ng/ml



#35 AR-1260-5

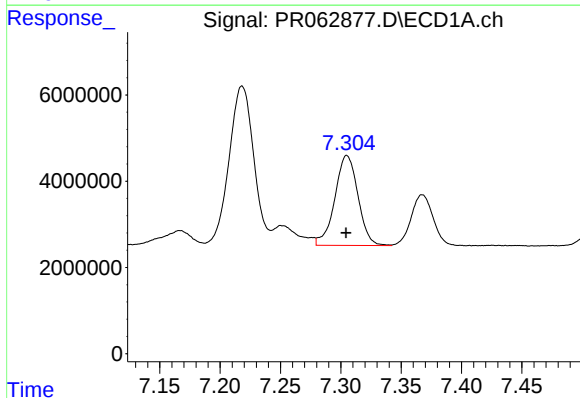
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 58927062
Conc: 335.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



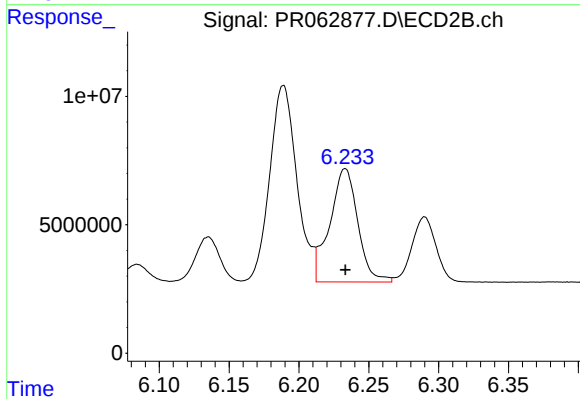
#35 AR-1260-5

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 142936562
Conc: 326.75 ng/ml



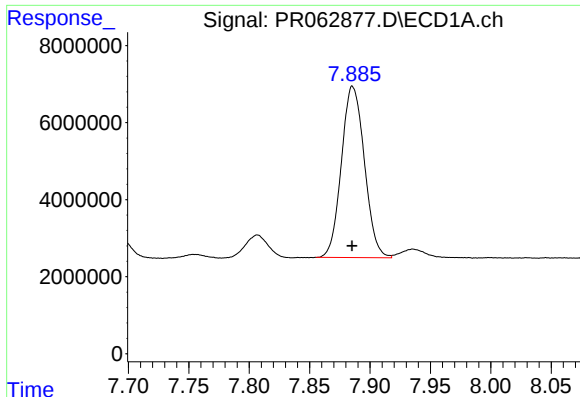
#36 AR-1262-1

R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 27858605
Conc: 217.20 ng/ml



#36 AR-1262-1

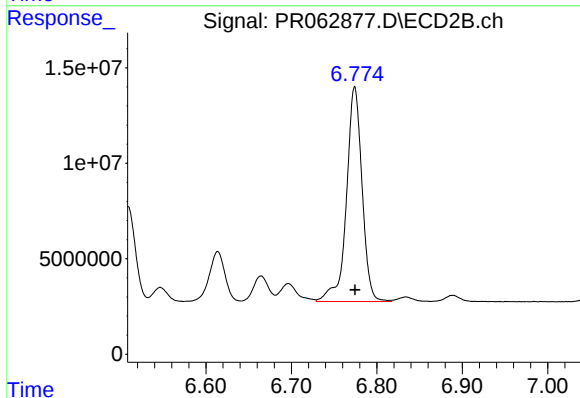
R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 61491907
Conc: 233.70 ng/ml



#37 AR-1262-2

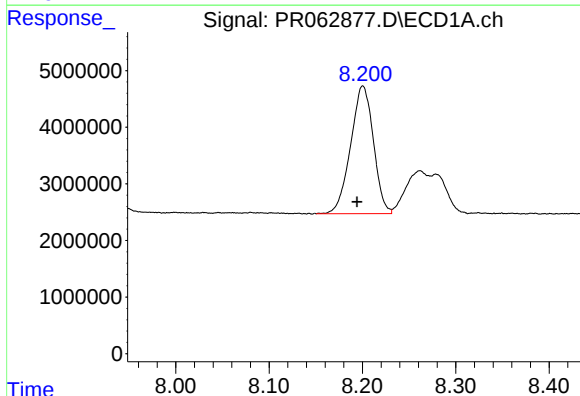
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 58927062
Conc: 297.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



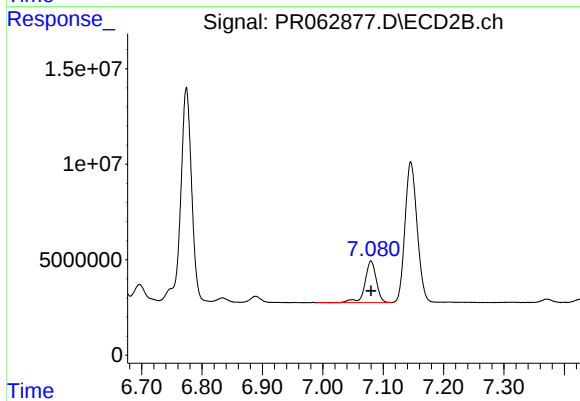
#37 AR-1262-2

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 142936562
Conc: 293.50 ng/ml



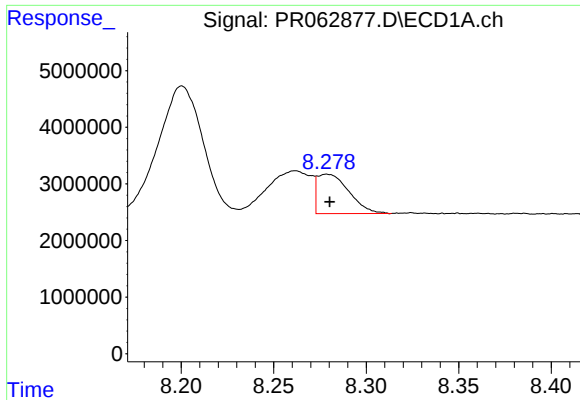
#38 AR-1262-3

R.T.: 8.200 min
Delta R.T.: 0.006 min
Response: 38278194
Conc: 276.29 ng/ml



#38 AR-1262-3

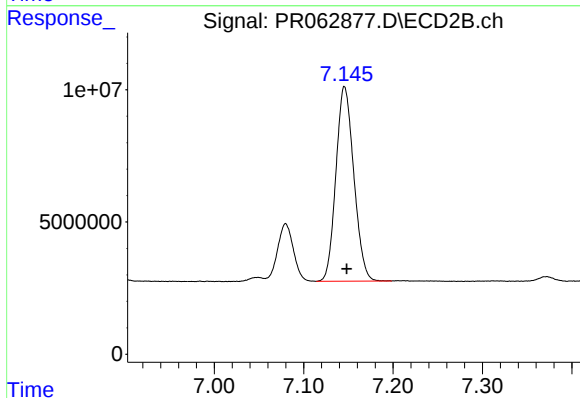
R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 28312433
Conc: 143.47 ng/ml



#39 AR-1262-4

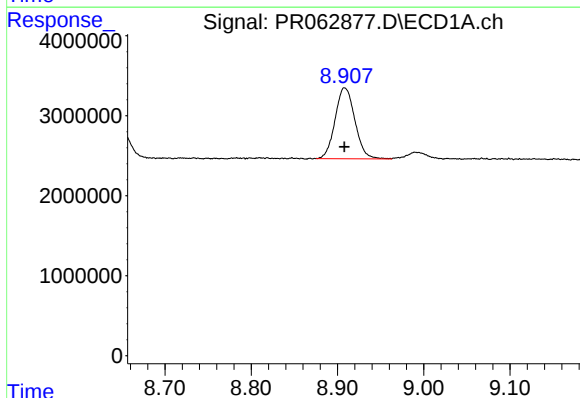
R.T.: 8.279 min
Delta R.T.: -0.001 min
Response: 8302556
Conc: 76.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



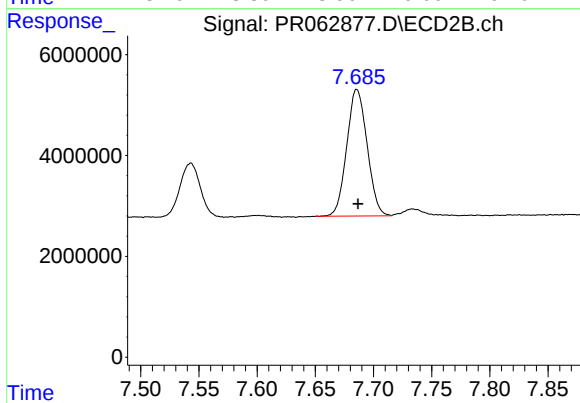
#39 AR-1262-4

R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 102437356
Conc: 275.39 ng/ml



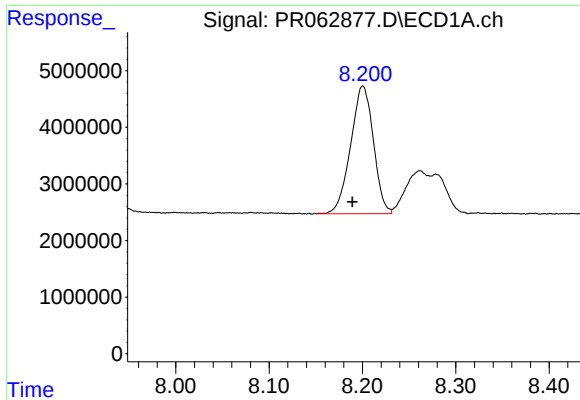
#40 AR-1262-5

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 14124394
Conc: 204.83 ng/ml



#40 AR-1262-5

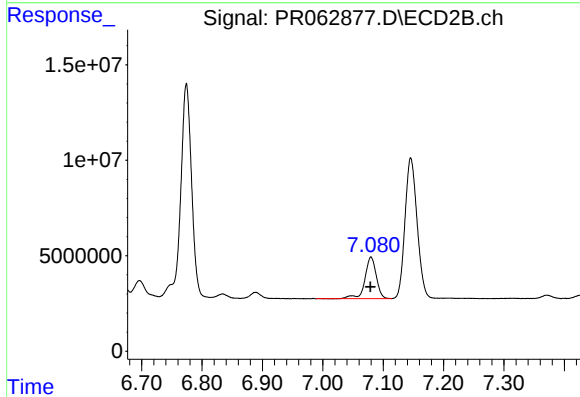
R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 30582326
Conc: 170.06 ng/ml



#41 AR-1268-1

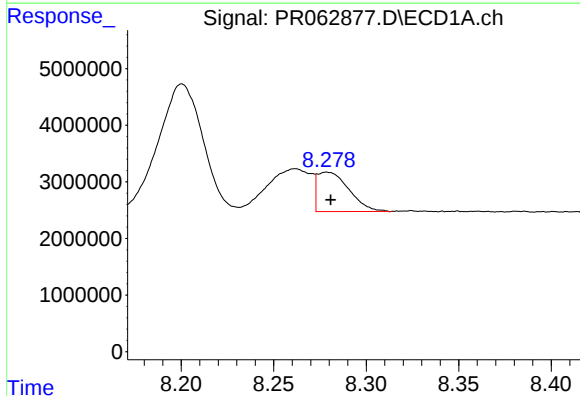
R.T.: 8.200 min
Delta R.T.: 0.011 min
Response: 38278194
Conc: 152.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



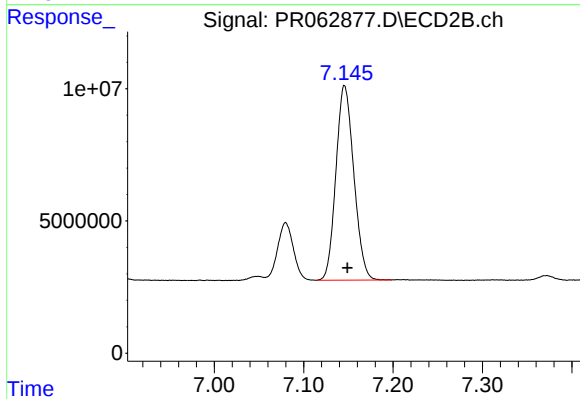
#41 AR-1268-1

R.T.: 7.080 min
Delta R.T.: 0.001 min
Response: 28312433
Conc: 48.62 ng/ml



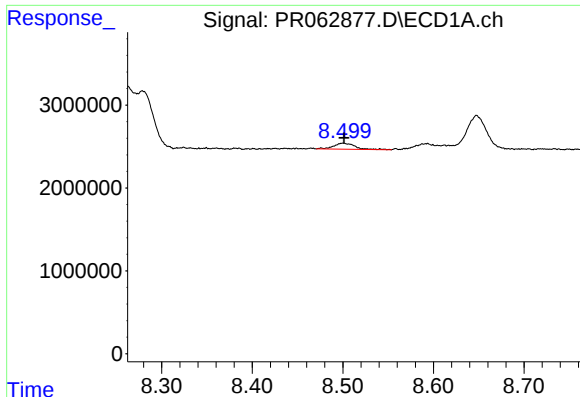
#42 AR-1268-2

R.T.: 8.279 min
Delta R.T.: -0.002 min
Response: 8302556
Conc: 36.33 ng/ml



#42 AR-1268-2

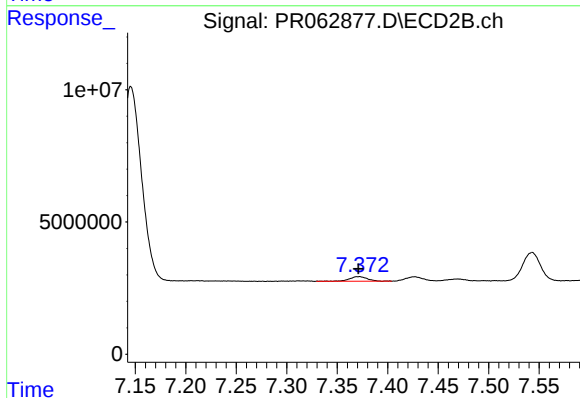
R.T.: 7.146 min
Delta R.T.: -0.003 min
Response: 102437356
Conc: 190.91 ng/ml



#43 AR-1268-3

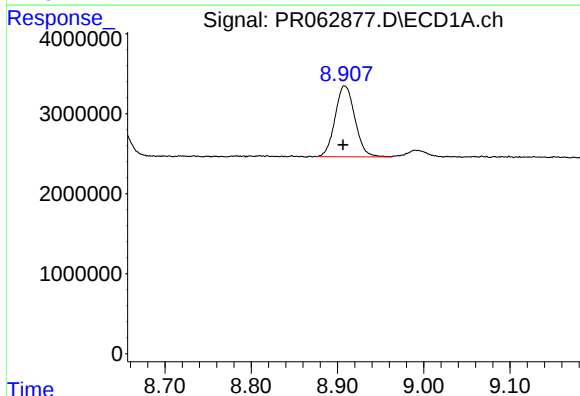
R.T.: 8.500 min
Delta R.T.: -0.001 min
Response: 1197068
Conc: 6.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



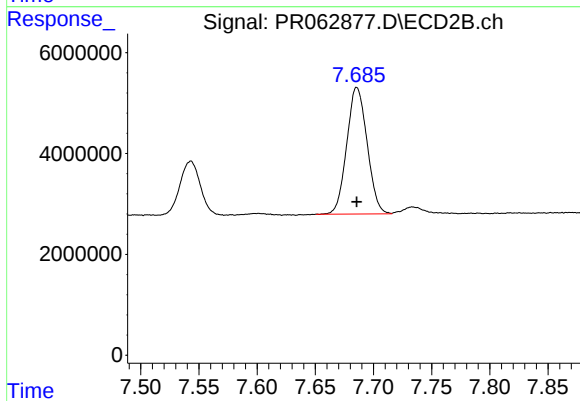
#43 AR-1268-3

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 2190221
Conc: 4.64 ng/ml



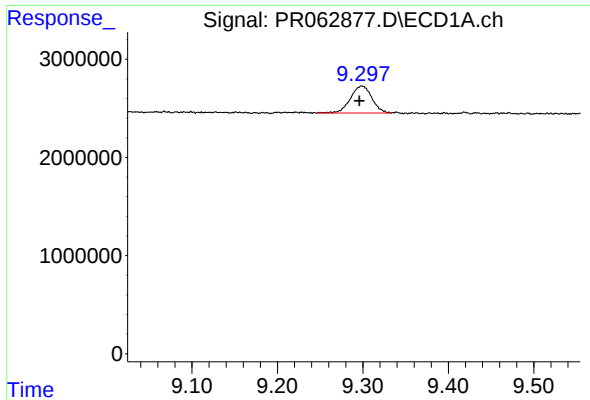
#44 AR-1268-4

R.T.: 8.908 min
Delta R.T.: 0.002 min
Response: 14124394
Conc: 182.81 ng/ml



#44 AR-1268-4

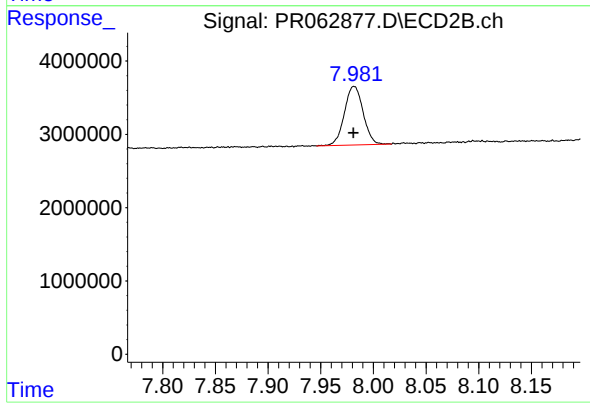
R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 30582326
Conc: 150.93 ng/ml



#45 AR-1268-5

R.T.: 9.299 min
Delta R.T.: 0.003 min
Response: 4794100
Conc: 8.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 9866063
Conc: 6.71 ng/ml