

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 20:47
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:55:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 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...	3.690	2.906	139.5E6	205.9E6	46.691	47.562
2)	SA Decachlor...	9.661	8.139	111.4E6	173.4E6	48.554	49.142
Target Compounds							
3)	L1 AR-1016-1	4.924	4.034f	42837164	171.1E6	466.646	1210.693 #
4)	L1 AR-1016-2	4.947	4.034	60060346	171.1E6	461.261	835.776 #
5)	L1 AR-1016-3	5.011	4.212	38093571	49846082	457.306	467.006
6)	L1 AR-1016-4	5.115	4.263	30595716	39747671	465.922	461.029
7)	L1 AR-1016-5	5.433	4.479	30529661	52089906	463.666	465.258
8)	L2 AR-1221-1	3.909	3.129	5655661	7034575	184.443	185.478
9)	L2 AR-1221-2	4.004	3.215	7520671	9457487	334.119	335.216
10)	L2 AR-1221-3	4.082	3.292	26893765	35379315	400.873	400.225
11)	L3 AR-1232-1	4.082	3.292	26893765	35379315	386.665	382.409
12)	L3 AR-1232-2	4.636	4.034	32526349	171.1E6	999.824	1940.730 #
13)	L3 AR-1232-3	4.947	4.212	60060346	49846082	1026.172	1115.735
14)	L3 AR-1232-4	5.115	4.304	30595716	47205934	1032.726	1175.349
15)	L3 AR-1232-5	5.219	4.479	24255598	52089906	1079.392	1139.721
16)	L4 AR-1242-1	4.924	4.034f	42837164	171.1E6	586.388	1547.241 #
17)	L4 AR-1242-2	4.947	4.034	60060346	171.1E6	587.053	1058.884 #
18)	L4 AR-1242-3	5.011	4.212	38093571	49846082	579.968	597.957
19)	L4 AR-1242-4	5.115	4.304	30595716	47205934	585.726	585.680
20)	L4 AR-1242-5	5.910	4.846	8726549	50140661	162.662	499.783 #
21)	L5 AR-1248-1	4.924	4.034f	42837164	171.1E6	771.448	2060.098 #
22)	L5 AR-1248-2	5.219	4.263	24255598	39747671	327.447	327.763
23)	L5 AR-1248-3	5.433	4.304	30529661	47205934	357.064	386.498
24)	L5 AR-1248-4	5.870	4.479	10190137	52089906	113.958	349.015 #
25)	L5 AR-1248-5	5.910	4.889	8726549	11284788	97.460	81.536
26)	L6 AR-1254-1	5.839	4.846	26276401	50140661	282.212	220.915
27)	L6 AR-1254-2	6.080	5.005	23194761	35164194	164.115	180.396
28)	L6 AR-1254-3	6.473	5.443f	10767177	69390579	73.307	223.280 #
29)	L6 AR-1254-4	6.786	5.670	6912023	5042438	65.185	27.948 #
30)	L6 AR-1254-5	7.245	6.112	74619768	139.0E6	627.250	505.376
31)	L7 AR-1260-1	6.655	5.564	56528297	108.2E6	465.474	470.937
32)	L7 AR-1260-2	6.939	5.769	65230621	129.1E6	468.462	477.639
33)	L7 AR-1260-3	7.332	5.926	50441398	120.8E6	473.303	470.181
34)	L7 AR-1260-4	7.576	6.431	58234670	101.1E6	474.369	475.006
35)	L7 AR-1260-5	7.916	6.696	109.5E6	231.8E6	480.487	480.796
36)	L8 AR-1262-1	7.332	6.157	50441398	107.3E6	360.462	371.020
37)	L8 AR-1262-2	7.916	6.431	109.5E6	101.1E6	460.673	393.401
38)	L8 AR-1262-3	8.234	6.999	73538035	49345575	430.417	253.780 #
39)	L8 AR-1262-4	8.313	7.066	20697749	164.7E6	156.156	451.255 #
40)	L8 AR-1262-5	8.949	7.604	33913401	53715260	357.639	339.967
41)	L9 AR-1268-1	8.234	6.999	73538035	49345575	239.930	79.735 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

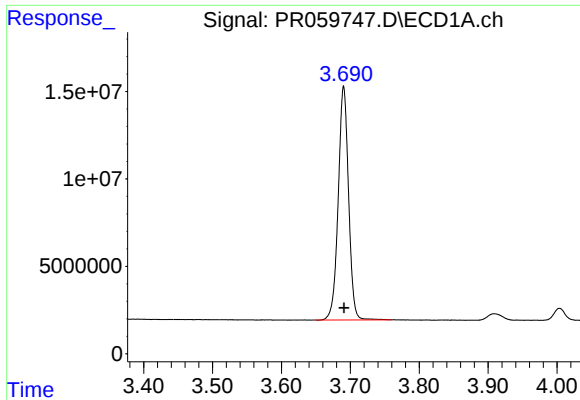
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:55:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.313	7.066	20697749	164.7E6	74.385	297.053 #
43) L9	AR-1268-3	8.536	7.289	2282266	3021586	9.144	6.240 #
44) L9	AR-1268-4	8.949	7.604	33913401	53715260	308.823	296.735
45) L9	AR-1268-5	9.343	7.898	10083417	14398587	12.697	9.779

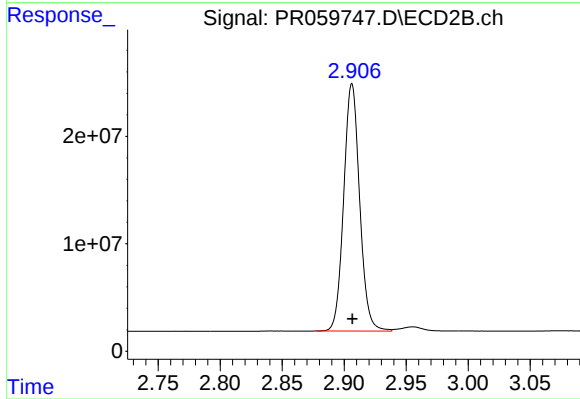
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

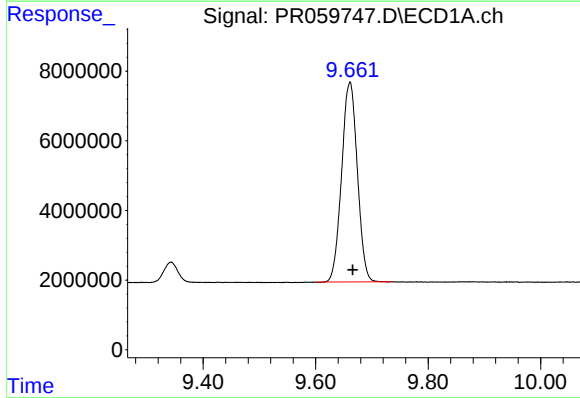
R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 139496421
Conc: 46.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



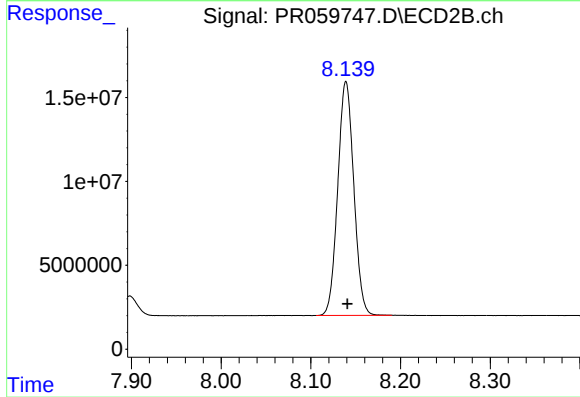
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 205870731
Conc: 47.56 ng/ml



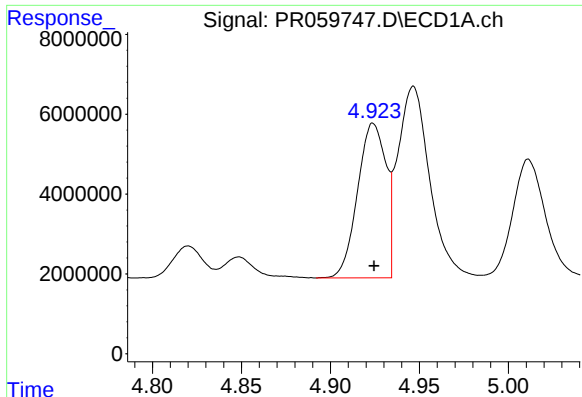
#2 Decachlorobiphenyl

R.T.: 9.661 min
Delta R.T.: -0.005 min
Response: 111369280
Conc: 48.55 ng/ml



#2 Decachlorobiphenyl

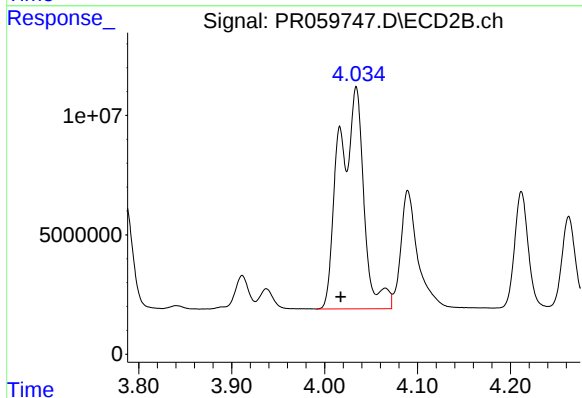
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 173365992
Conc: 49.14 ng/ml



#3 AR-1016-1

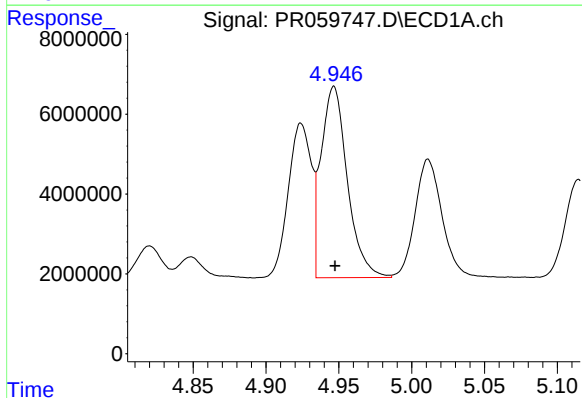
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 42837164
Conc: 466.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



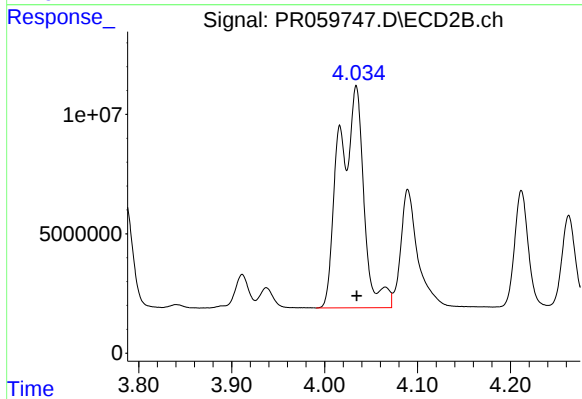
#3 AR-1016-1

R.T.: 4.034 min
Delta R.T.: 0.017 min
Response: 171055639
Conc: 1210.69 ng/ml



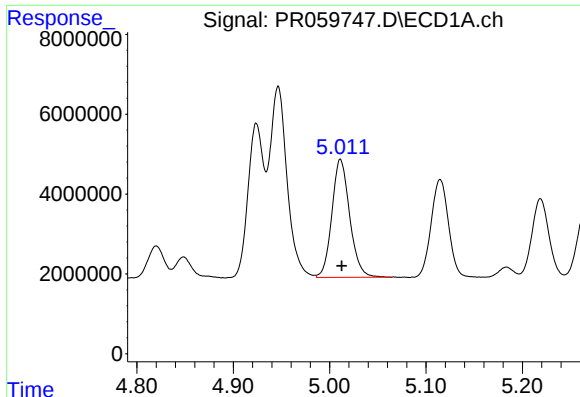
#4 AR-1016-2

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 60060346
Conc: 461.26 ng/ml



#4 AR-1016-2

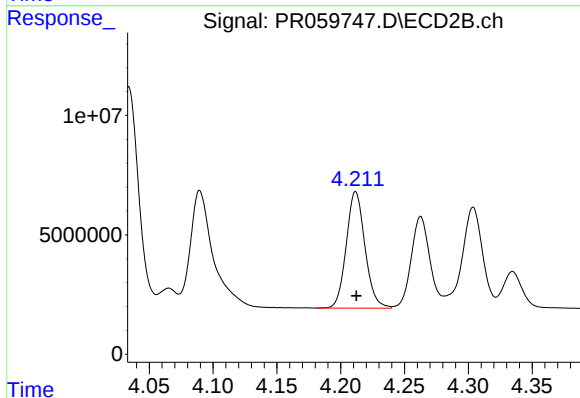
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 171055639
Conc: 835.78 ng/ml



#5 AR-1016-3

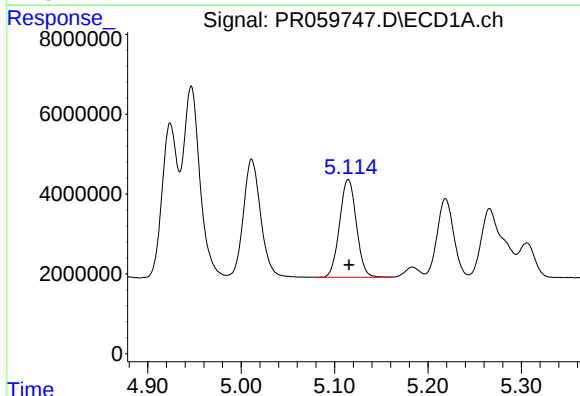
R.T.: 5.011 min
Delta R.T.: -0.001 min
Response: 38093571
Conc: 457.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



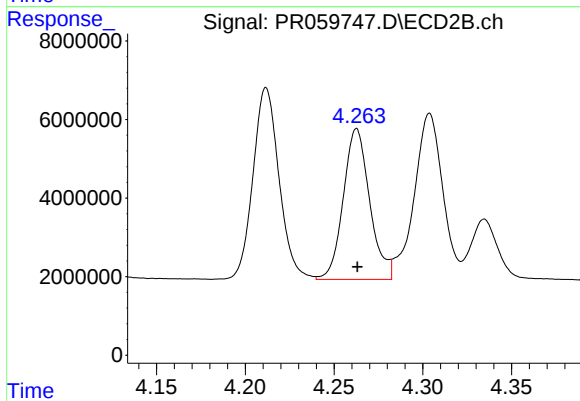
#5 AR-1016-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 49846082
Conc: 467.01 ng/ml



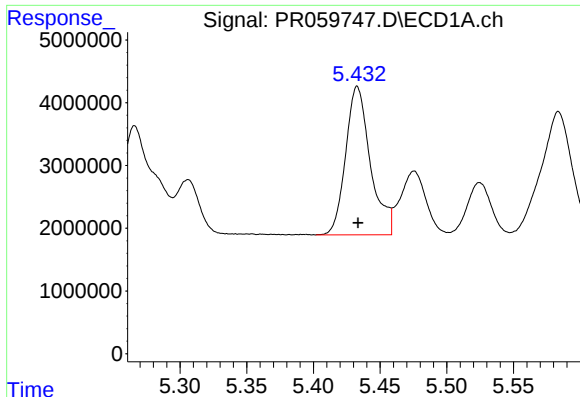
#6 AR-1016-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 30595716
Conc: 465.92 ng/ml



#6 AR-1016-4

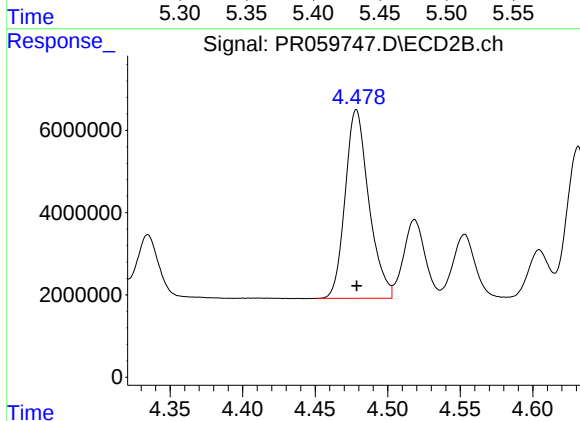
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 39747671
Conc: 461.03 ng/ml



#7 AR-1016-5

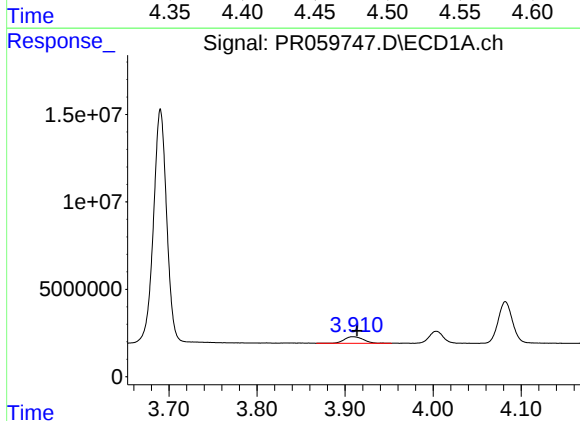
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 30529661
Conc: 463.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



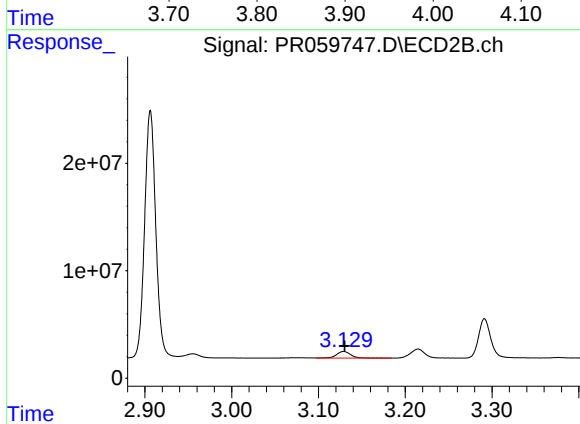
#7 AR-1016-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 52089906
Conc: 465.26 ng/ml



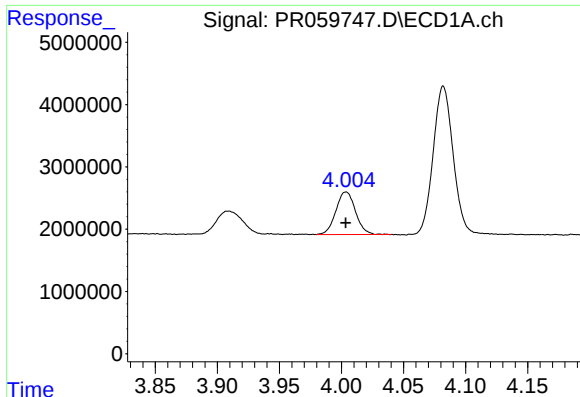
#8 AR-1221-1

R.T.: 3.909 min
Delta R.T.: -0.005 min
Response: 5655661
Conc: 184.44 ng/ml



#8 AR-1221-1

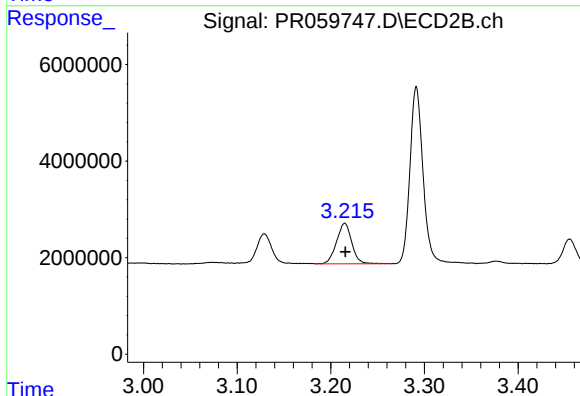
R.T.: 3.129 min
Delta R.T.: -0.001 min
Response: 7034575
Conc: 185.48 ng/ml



#9 AR-1221-2

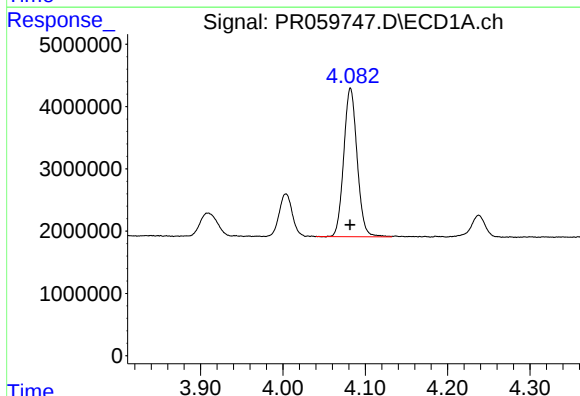
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 7520671
Conc: 334.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



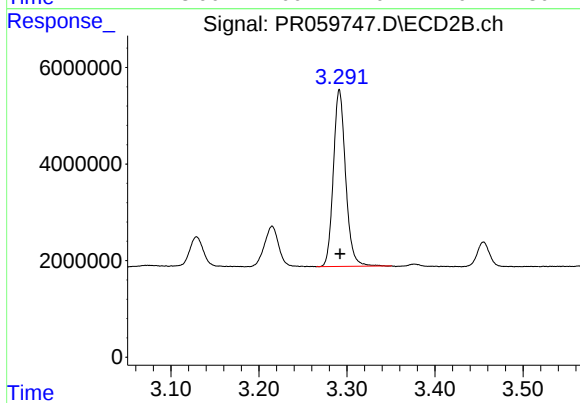
#9 AR-1221-2

R.T.: 3.215 min
Delta R.T.: 0.000 min
Response: 9457487
Conc: 335.22 ng/ml



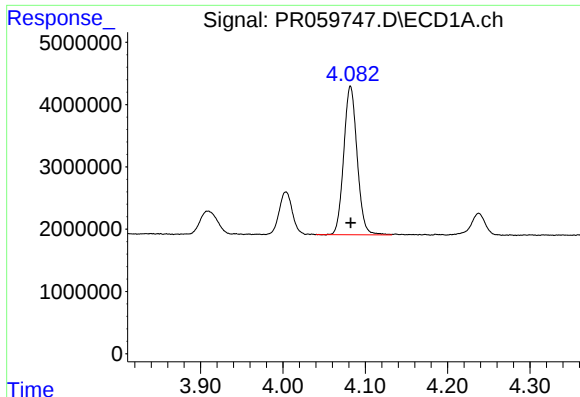
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 26893765
Conc: 400.87 ng/ml



#10 AR-1221-3

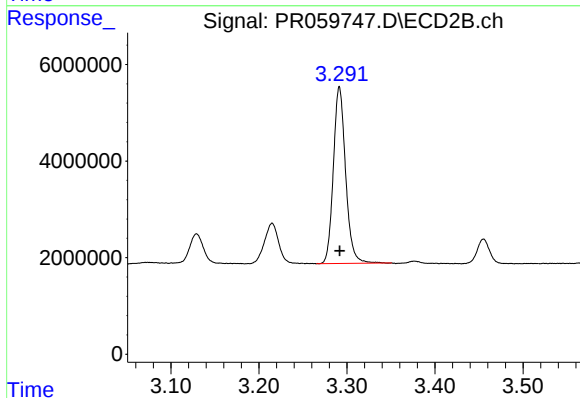
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 35379315
Conc: 400.23 ng/ml



#11 AR-1232-1

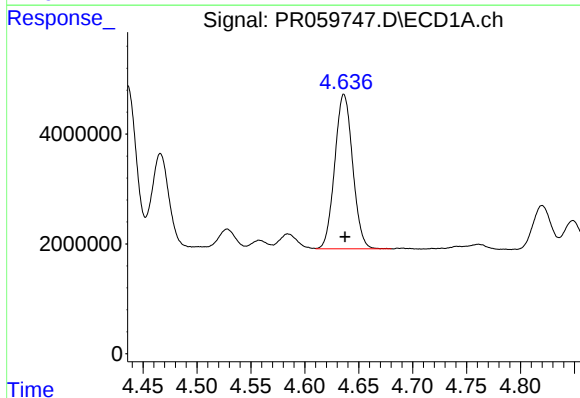
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 26893765
Conc: 386.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



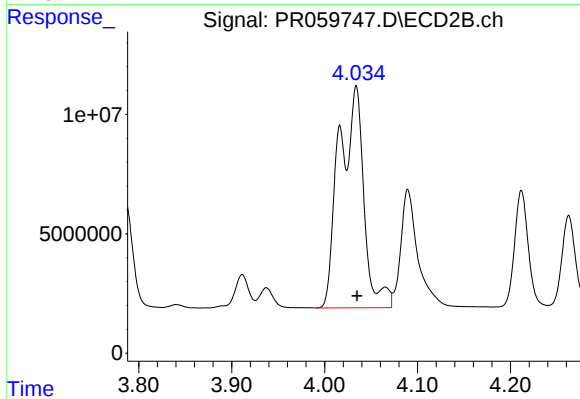
#11 AR-1232-1

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 35379315
Conc: 382.41 ng/ml



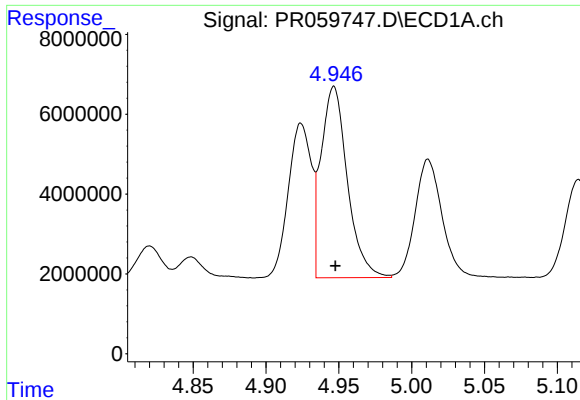
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 32526349
Conc: 999.82 ng/ml



#12 AR-1232-2

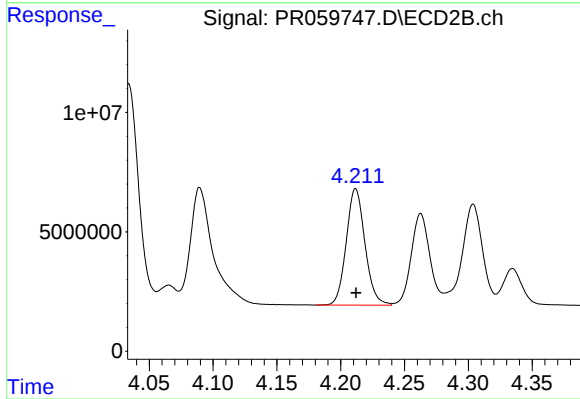
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 171055639
Conc: 1940.73 ng/ml



#13 AR-1232-3

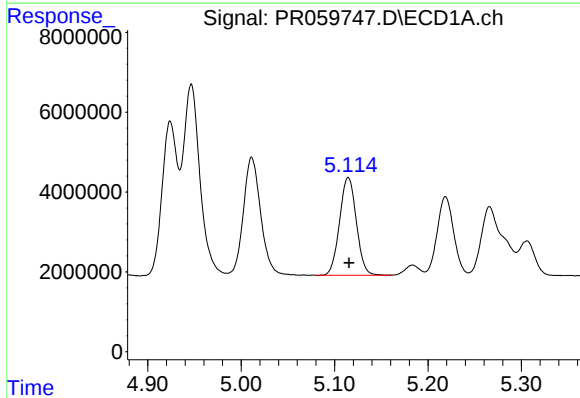
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 60060346
Conc: 1026.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



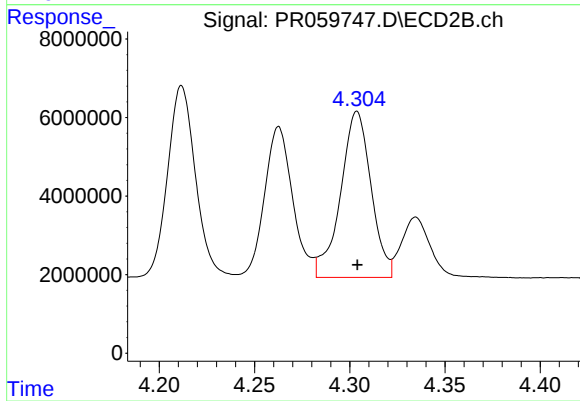
#13 AR-1232-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 49846082
Conc: 1115.74 ng/ml



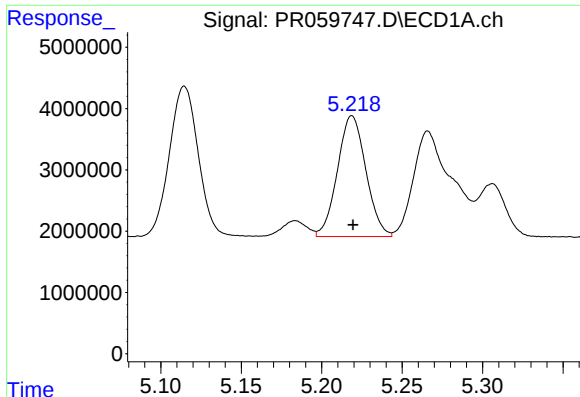
#14 AR-1232-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 30595716
Conc: 1032.73 ng/ml



#14 AR-1232-4

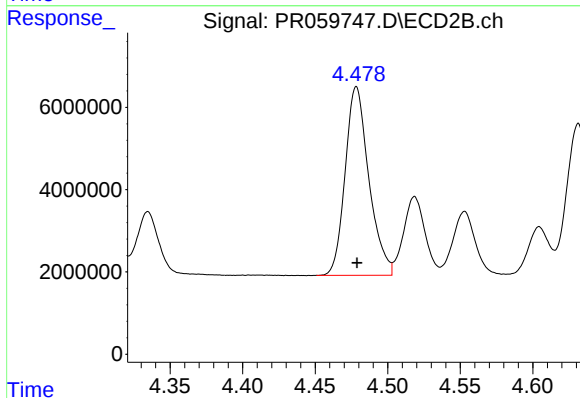
R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 47205934
Conc: 1175.35 ng/ml



#15 AR-1232-5

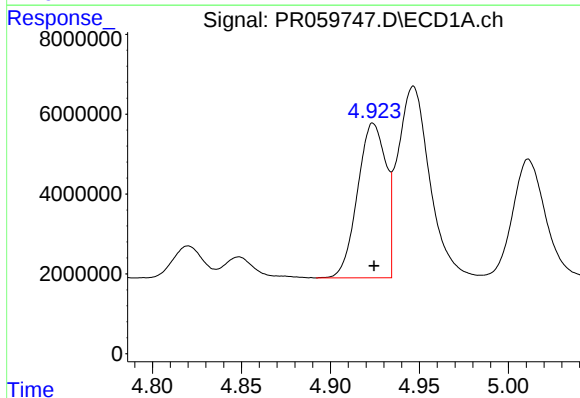
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 24255598
Conc: 1079.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



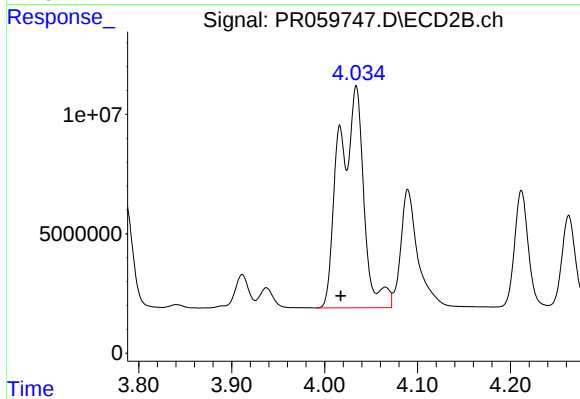
#15 AR-1232-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 52089906
Conc: 1139.72 ng/ml



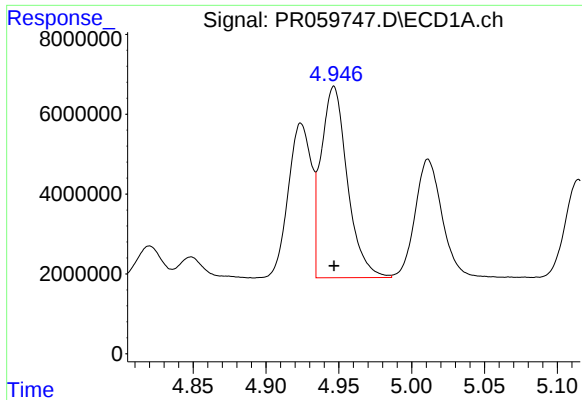
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 42837164
Conc: 586.39 ng/ml



#16 AR-1242-1

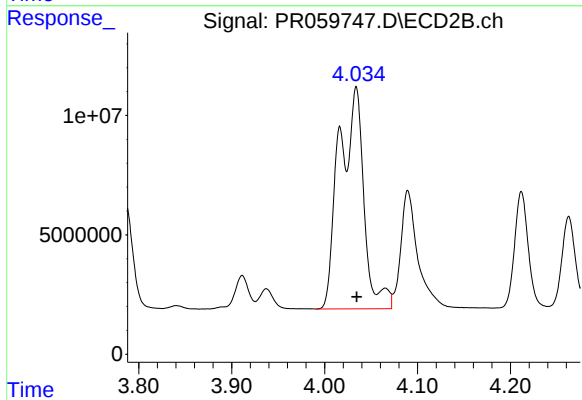
R.T.: 4.034 min
Delta R.T.: 0.017 min
Response: 171055639
Conc: 1547.24 ng/ml



#17 AR-1242-2

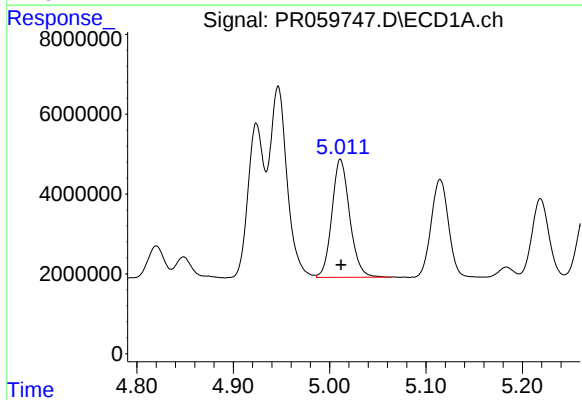
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 60060346
Conc: 587.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



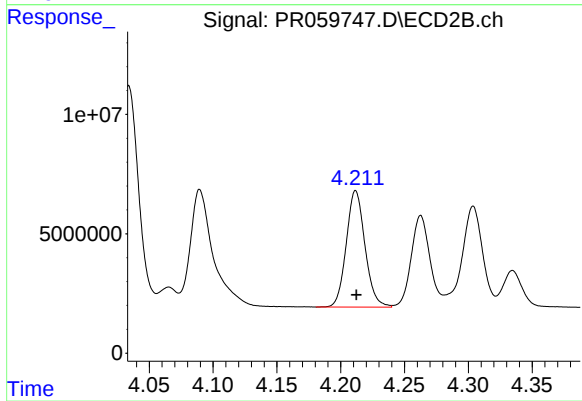
#17 AR-1242-2

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 171055639
Conc: 1058.88 ng/ml



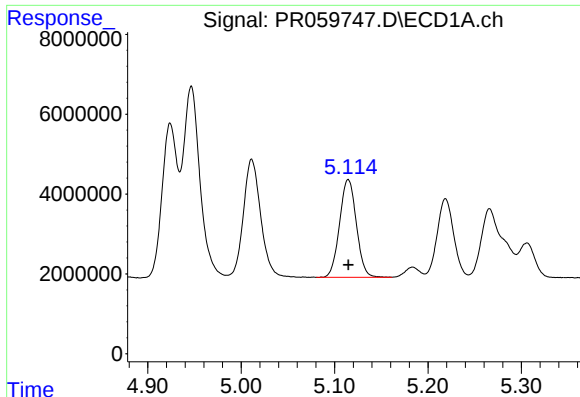
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 38093571
Conc: 579.97 ng/ml



#18 AR-1242-3

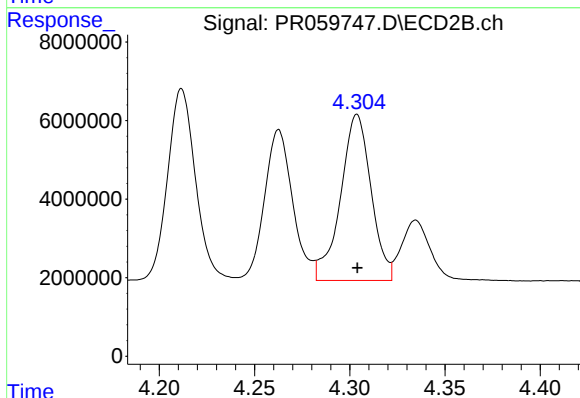
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 49846082
Conc: 597.96 ng/ml



#19 AR-1242-4

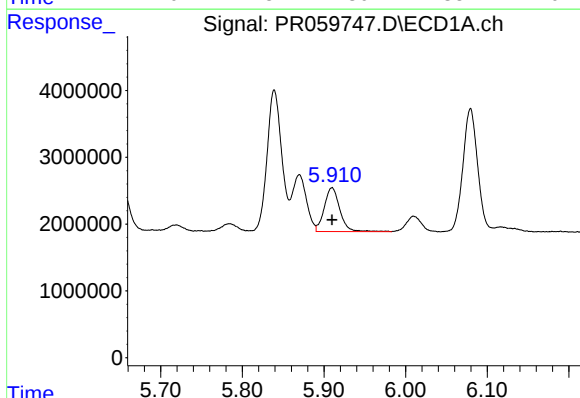
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 30595716
Conc: 585.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



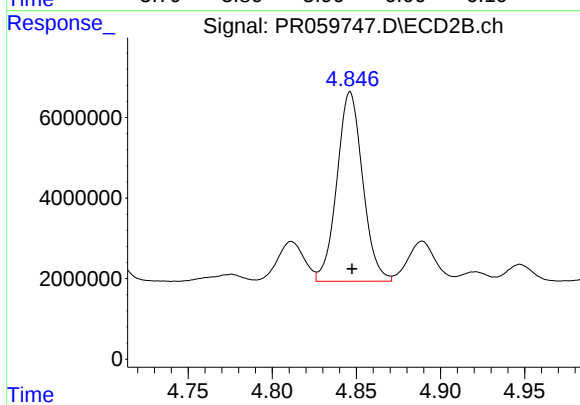
#19 AR-1242-4

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 47205934
Conc: 585.68 ng/ml



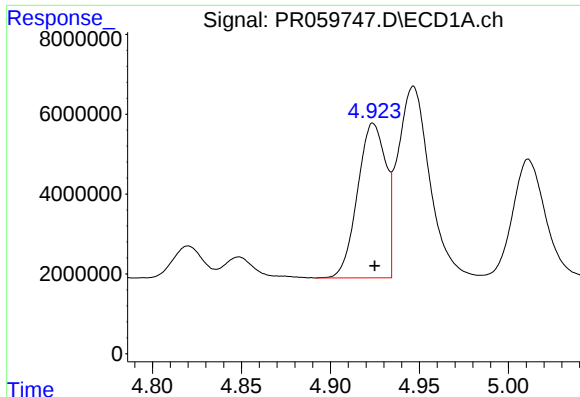
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 8726549
Conc: 162.66 ng/ml



#20 AR-1242-5

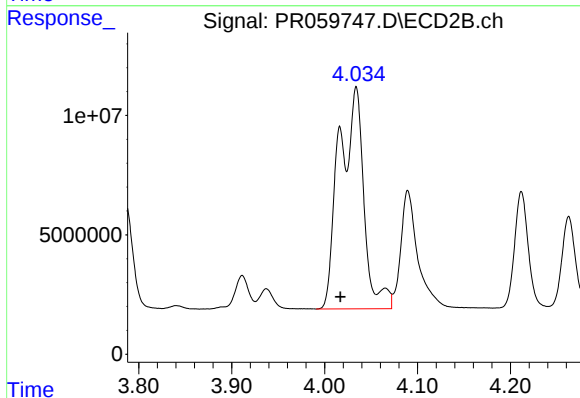
R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 50140661
Conc: 499.78 ng/ml



#21 AR-1248-1

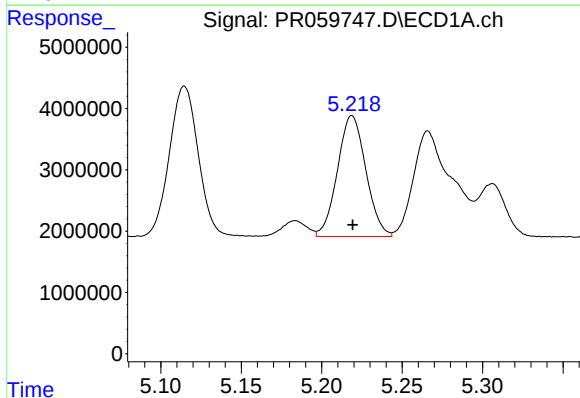
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 42837164
Conc: 771.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



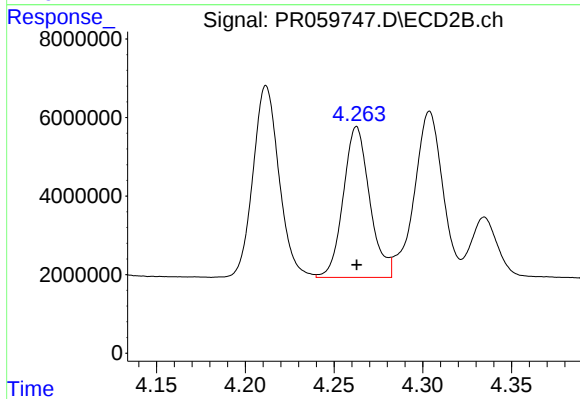
#21 AR-1248-1

R.T.: 4.034 min
Delta R.T.: 0.017 min
Response: 171055639
Conc: 2060.10 ng/ml



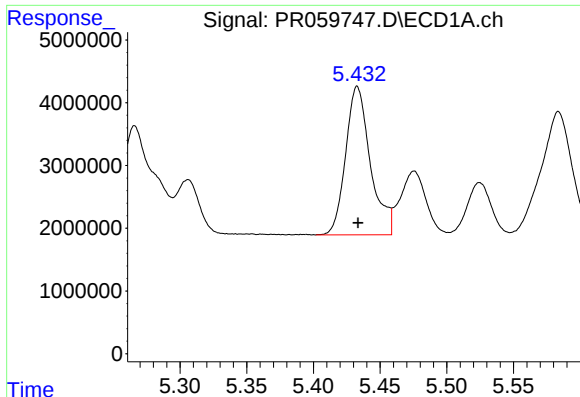
#22 AR-1248-2

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 24255598
Conc: 327.45 ng/ml



#22 AR-1248-2

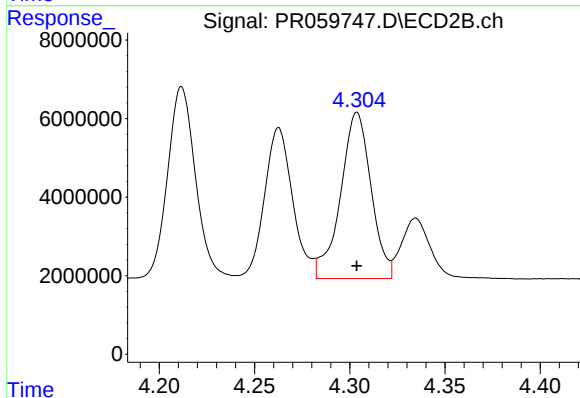
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 39747671
Conc: 327.76 ng/ml



#23 AR-1248-3

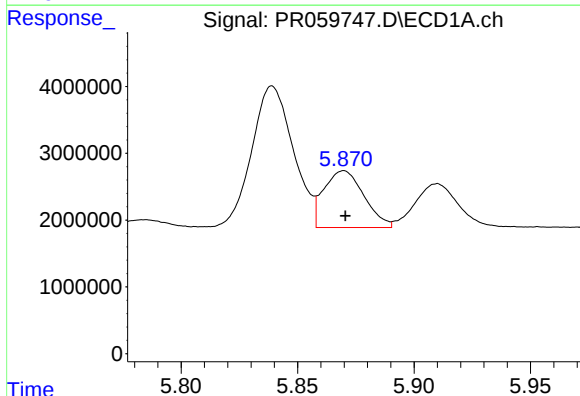
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 30529661
Conc: 357.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



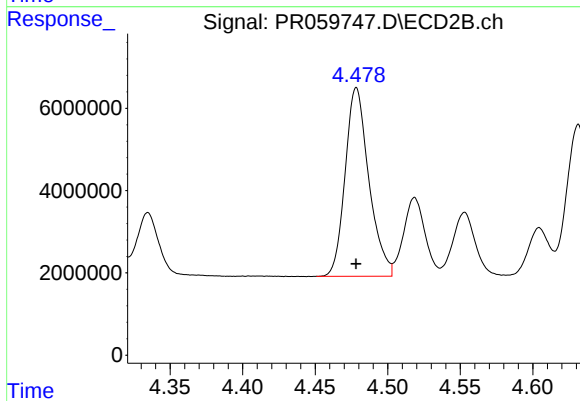
#23 AR-1248-3

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 47205934
Conc: 386.50 ng/ml



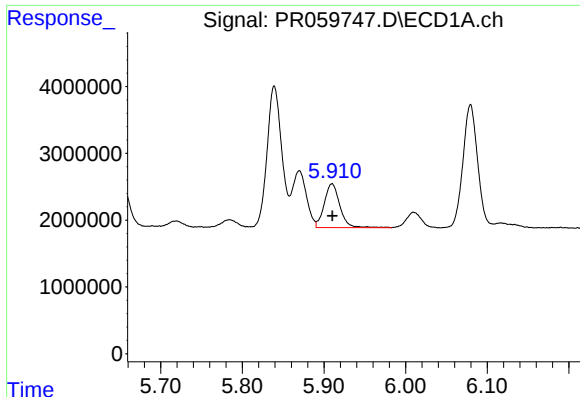
#24 AR-1248-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 10190137
Conc: 113.96 ng/ml



#24 AR-1248-4

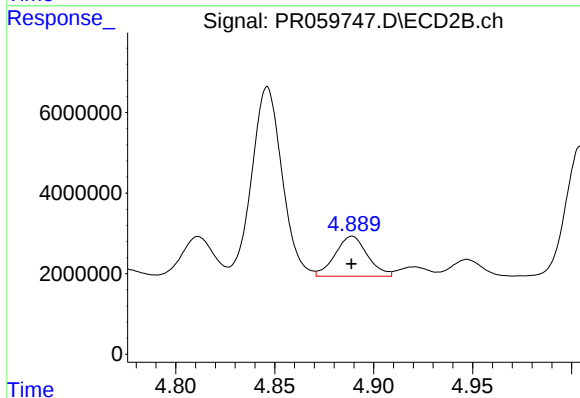
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 52089906
Conc: 349.02 ng/ml



#25 AR-1248-5

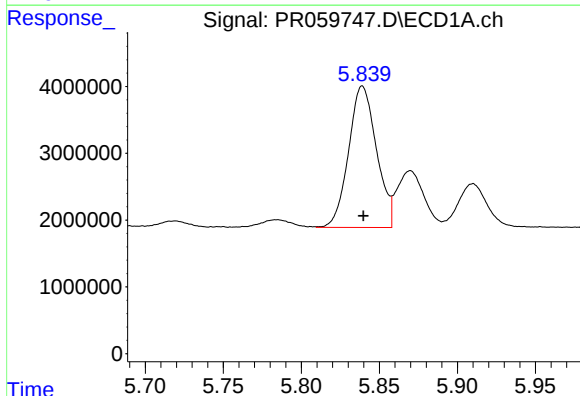
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 8726549
Conc: 97.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



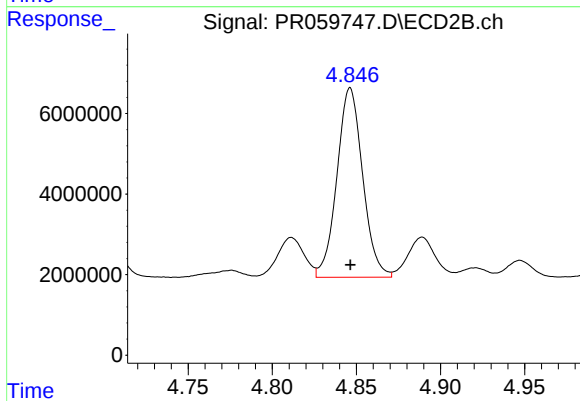
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 11284788
Conc: 81.54 ng/ml



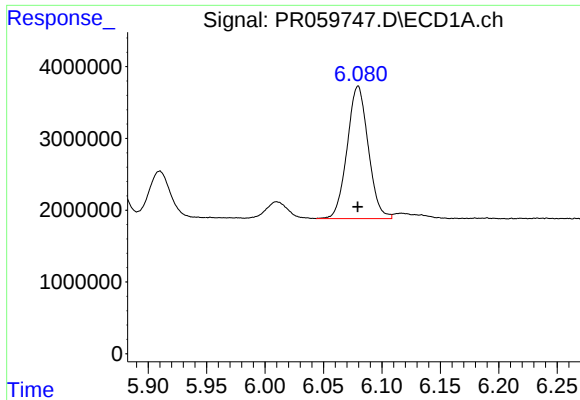
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 26276401
Conc: 282.21 ng/ml



#26 AR-1254-1

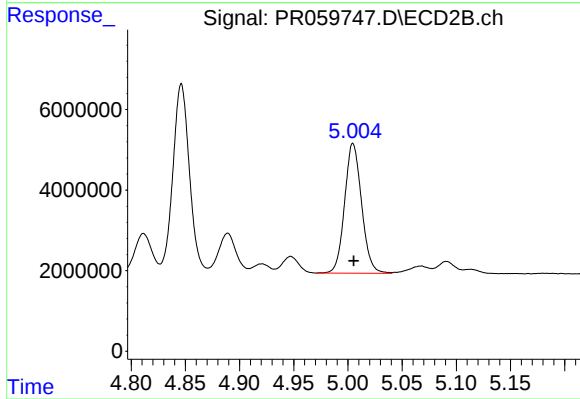
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 50140661
Conc: 220.91 ng/ml



#27 AR-1254-2

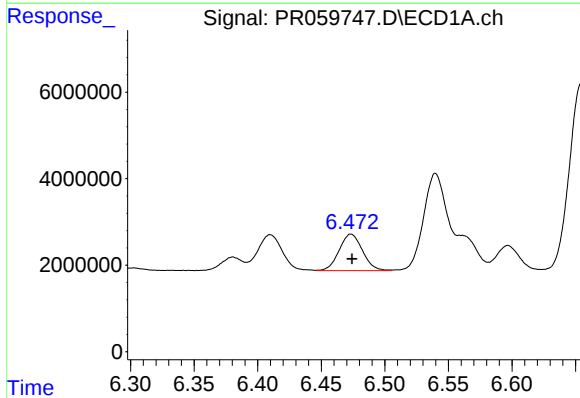
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 23194761
Conc: 164.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



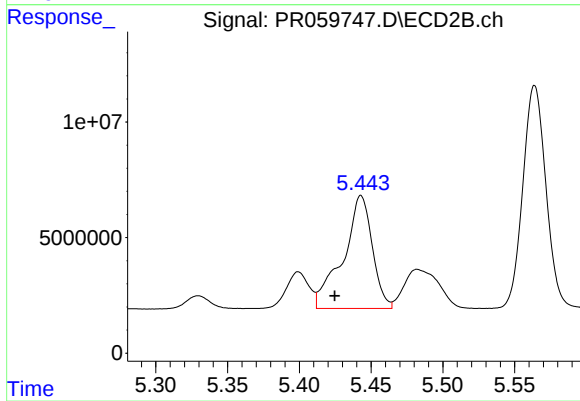
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 35164194
Conc: 180.40 ng/ml



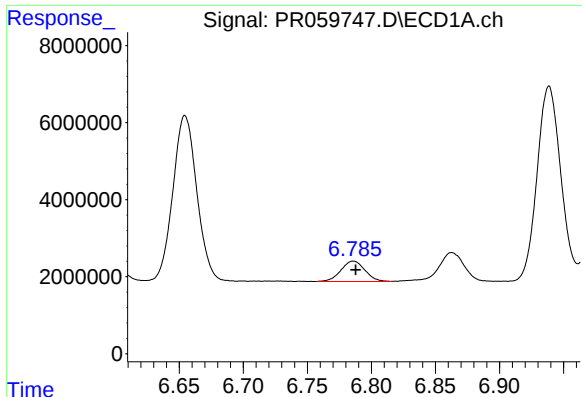
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 10767177
Conc: 73.31 ng/ml



#28 AR-1254-3

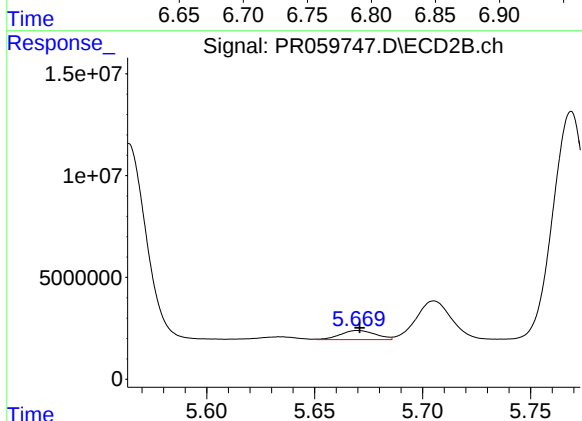
R.T.: 5.443 min
Delta R.T.: 0.018 min
Response: 69390579
Conc: 223.28 ng/ml



#29 AR-1254-4

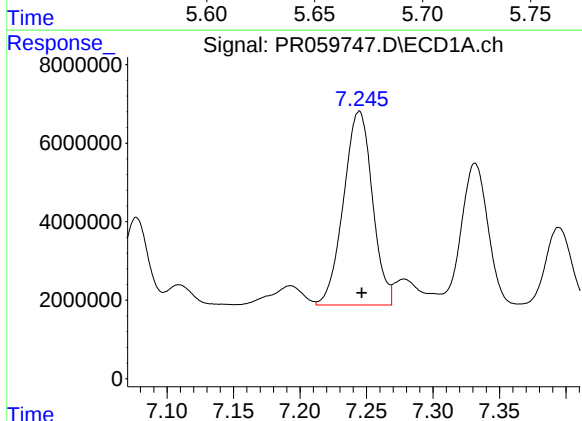
R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 6912023
Conc: 65.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



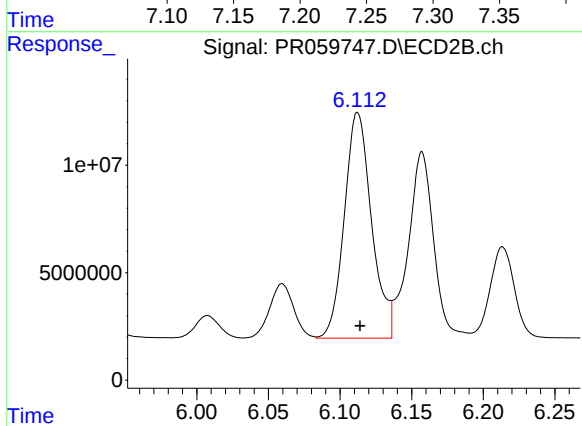
#29 AR-1254-4

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 5042438
Conc: 27.95 ng/ml



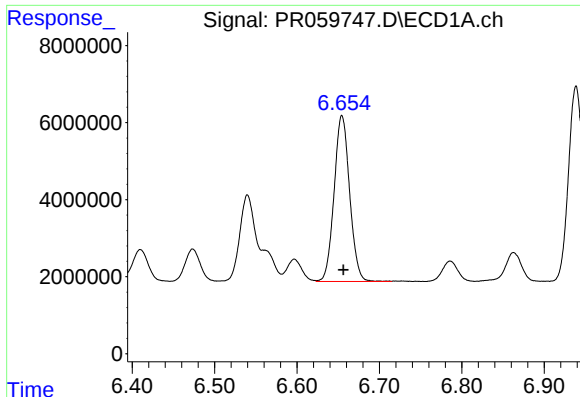
#30 AR-1254-5

R.T.: 7.245 min
Delta R.T.: -0.002 min
Response: 74619768
Conc: 627.25 ng/ml



#30 AR-1254-5

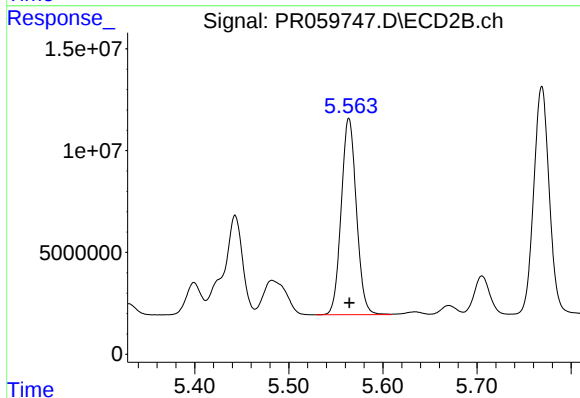
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 139035398
Conc: 505.38 ng/ml



#31 AR-1260-1

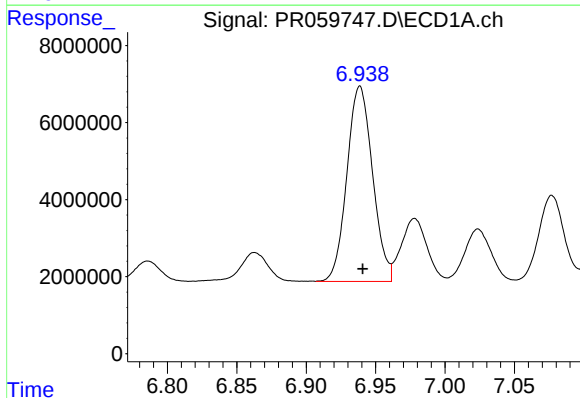
R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 56528297
Conc: 465.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



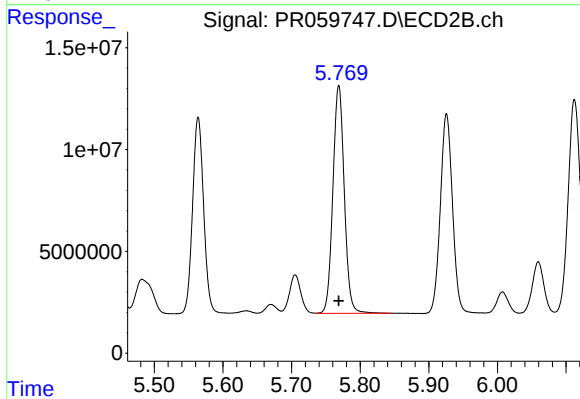
#31 AR-1260-1

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 108204261
Conc: 470.94 ng/ml



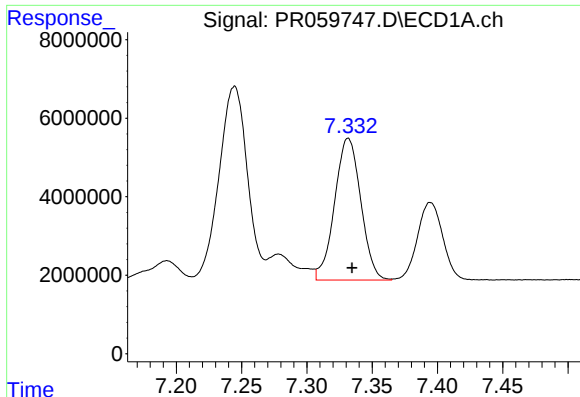
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 65230621
Conc: 468.46 ng/ml



#32 AR-1260-2

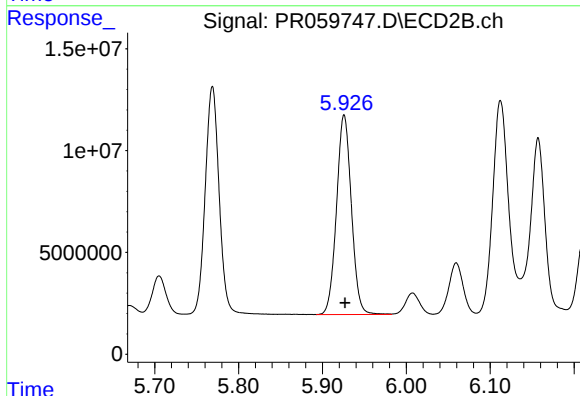
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 129136959
Conc: 477.64 ng/ml



#33 AR-1260-3

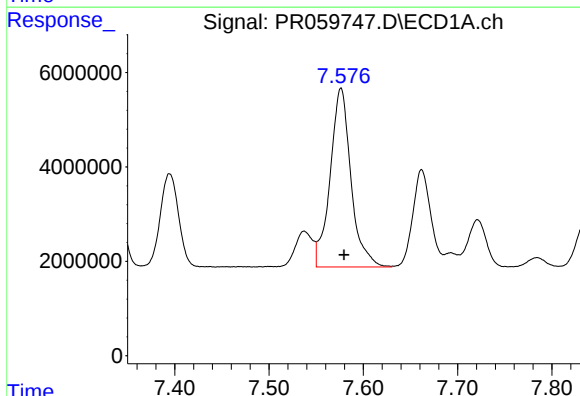
R.T.: 7.332 min
Delta R.T.: -0.003 min
Response: 50441398
Conc: 473.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



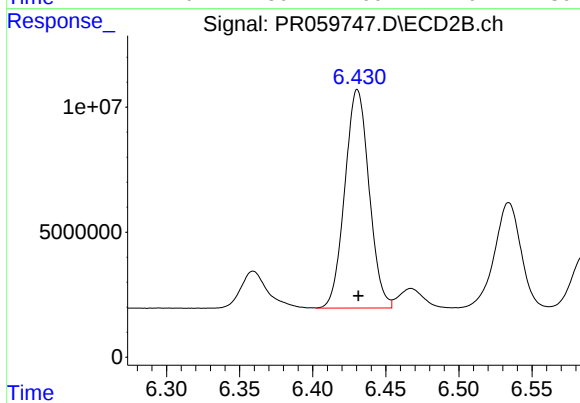
#33 AR-1260-3

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 120823647
Conc: 470.18 ng/ml



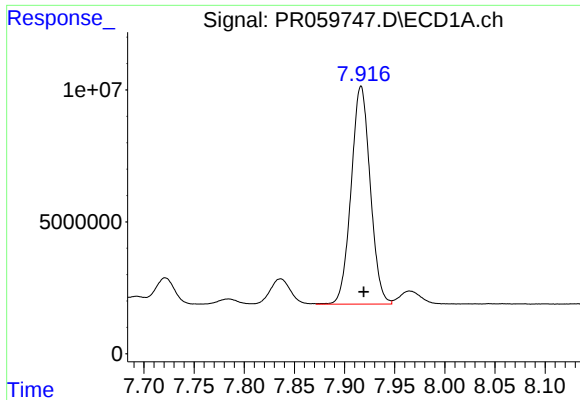
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: -0.003 min
Response: 58234670
Conc: 474.37 ng/ml



#34 AR-1260-4

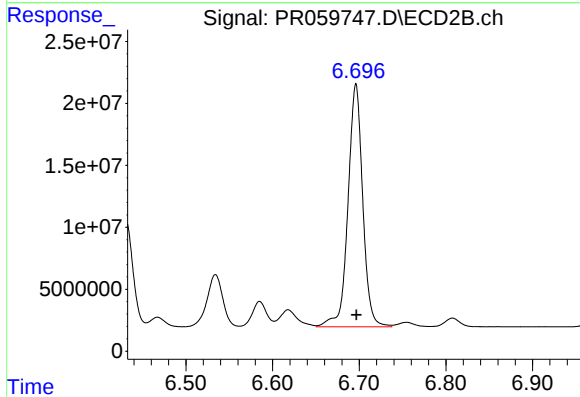
R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 101126564
Conc: 475.01 ng/ml



#35 AR-1260-5

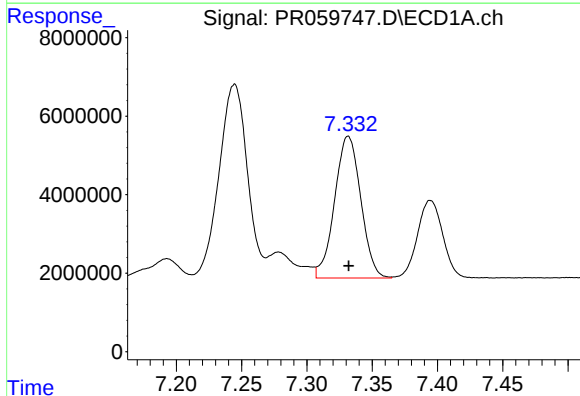
R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 109496720
Conc: 480.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



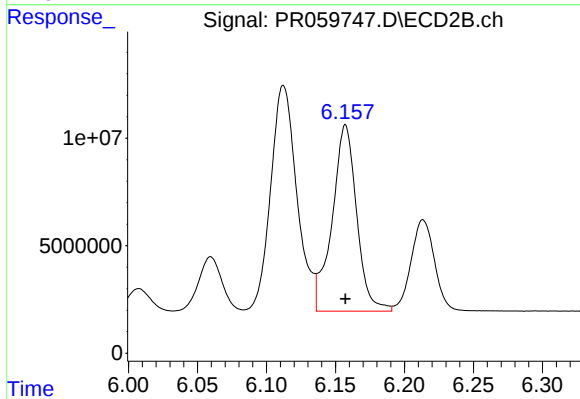
#35 AR-1260-5

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 231821711
Conc: 480.80 ng/ml



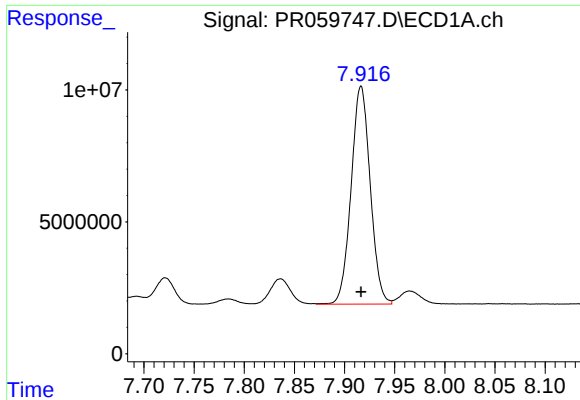
#36 AR-1262-1

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 50441398
Conc: 360.46 ng/ml



#36 AR-1262-1

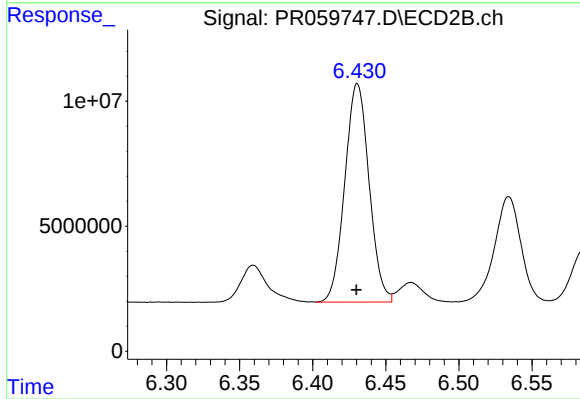
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 107339916
Conc: 371.02 ng/ml



#37 AR-1262-2

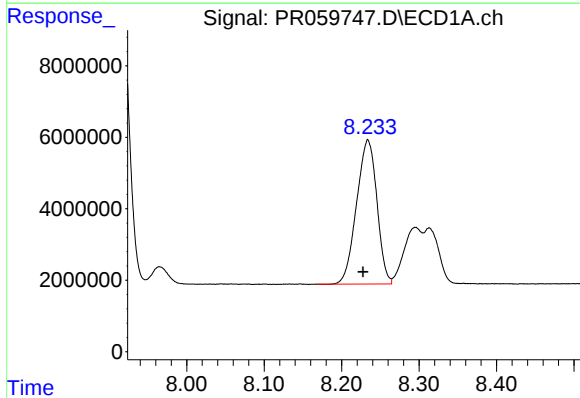
R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 109496720
Conc: 460.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



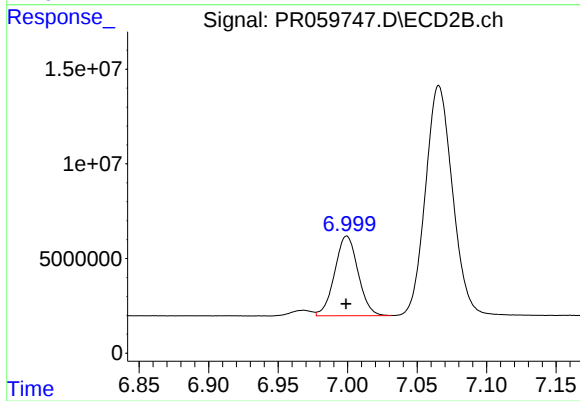
#37 AR-1262-2

R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 101126564
Conc: 393.40 ng/ml



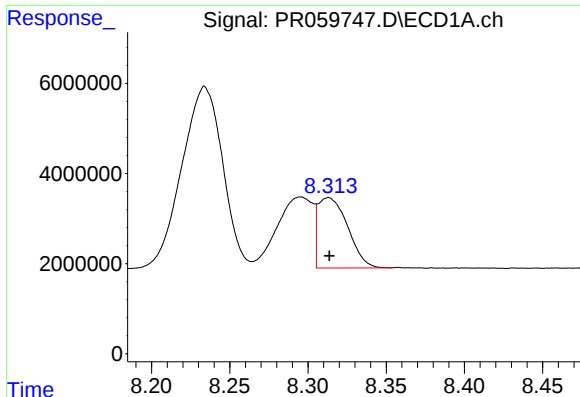
#38 AR-1262-3

R.T.: 8.234 min
Delta R.T.: 0.006 min
Response: 73538035
Conc: 430.42 ng/ml



#38 AR-1262-3

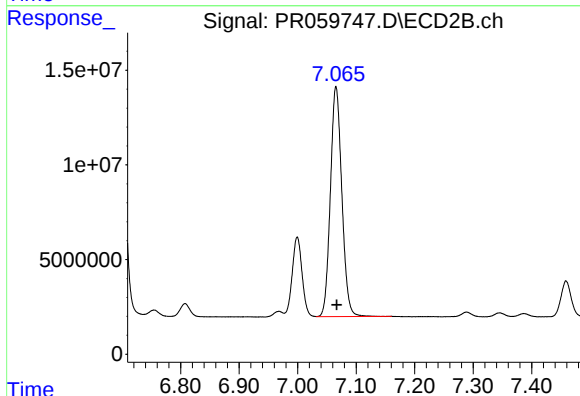
R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 49345575
Conc: 253.78 ng/ml



#39 AR-1262-4

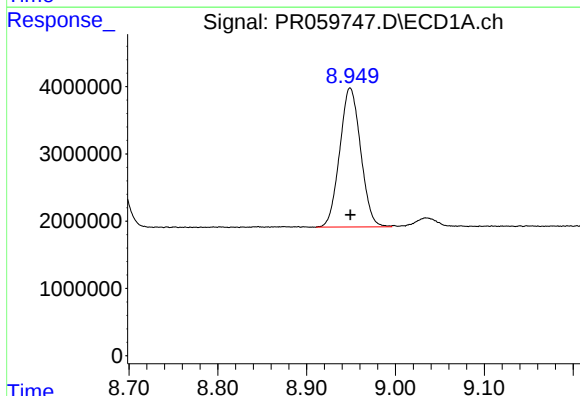
R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 20697749
Conc: 156.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



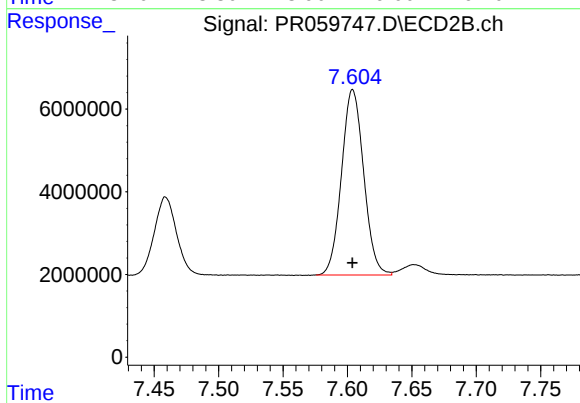
#39 AR-1262-4

R.T.: 7.066 min
Delta R.T.: -0.001 min
Response: 164675944
Conc: 451.25 ng/ml



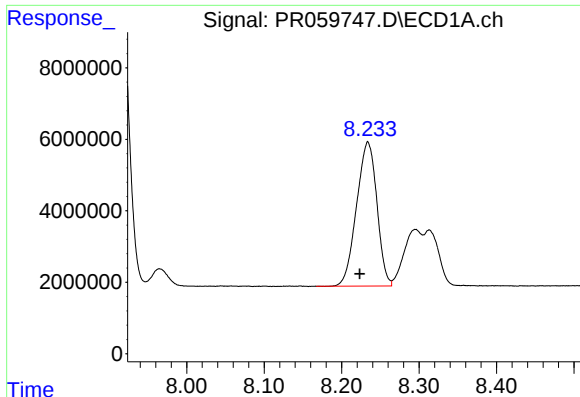
#40 AR-1262-5

R.T.: 8.949 min
Delta R.T.: 0.000 min
Response: 33913401
Conc: 357.64 ng/ml



#40 AR-1262-5

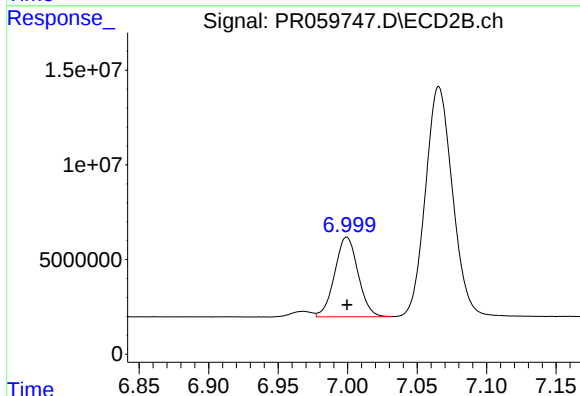
R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 53715260
Conc: 339.97 ng/ml



#41 AR-1268-1

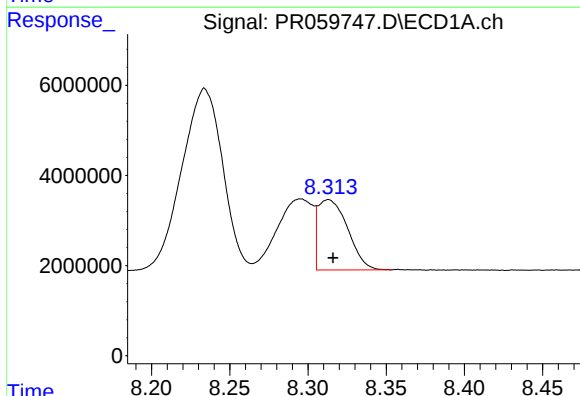
R.T.: 8.234 min
Delta R.T.: 0.010 min
Response: 73538035
Conc: 239.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



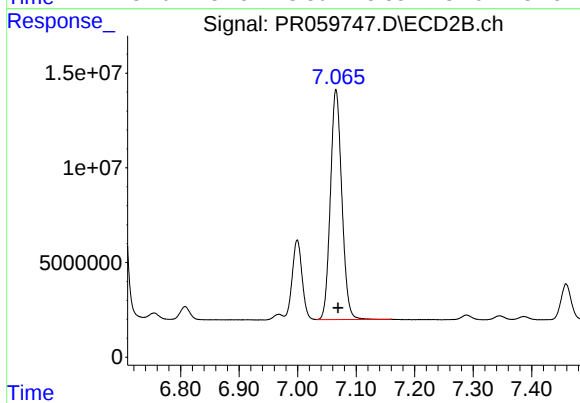
#41 AR-1268-1

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 49345575
Conc: 79.74 ng/ml



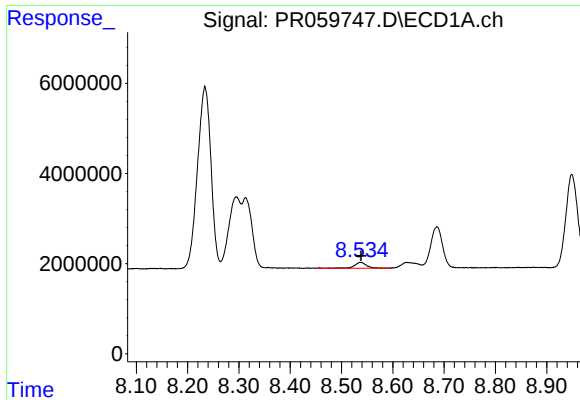
#42 AR-1268-2

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 20697749
Conc: 74.38 ng/ml



#42 AR-1268-2

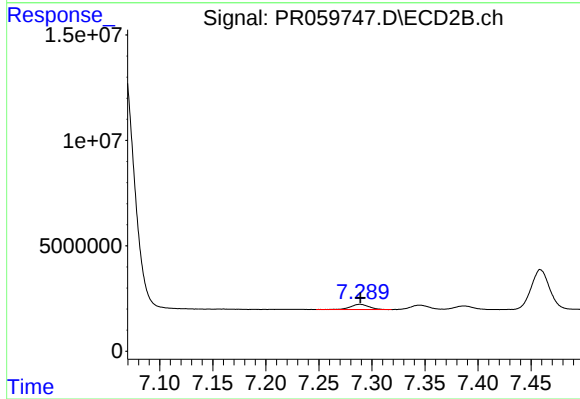
R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 164675944
Conc: 297.05 ng/ml



#43 AR-1268-3

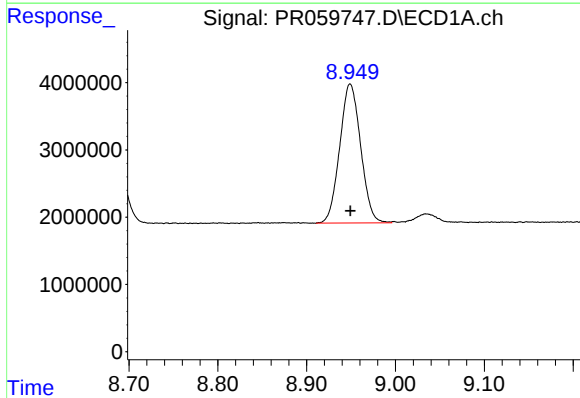
R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 2282266
Conc: 9.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



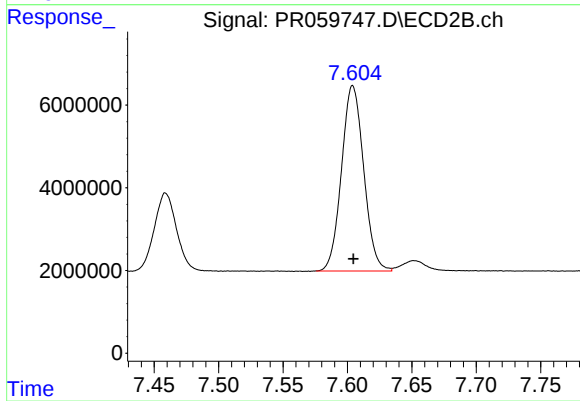
#43 AR-1268-3

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 3021586
Conc: 6.24 ng/ml



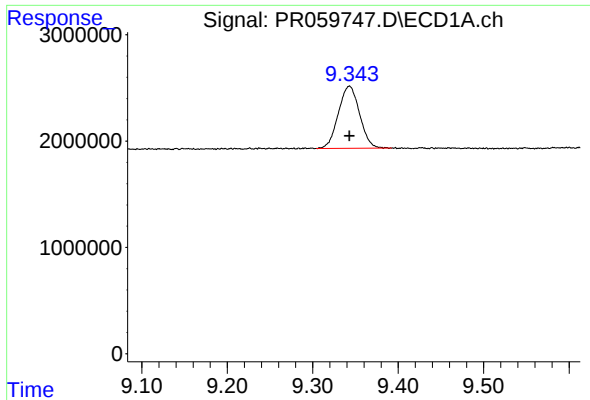
#44 AR-1268-4

R.T.: 8.949 min
Delta R.T.: 0.000 min
Response: 33913401
Conc: 308.82 ng/ml



#44 AR-1268-4

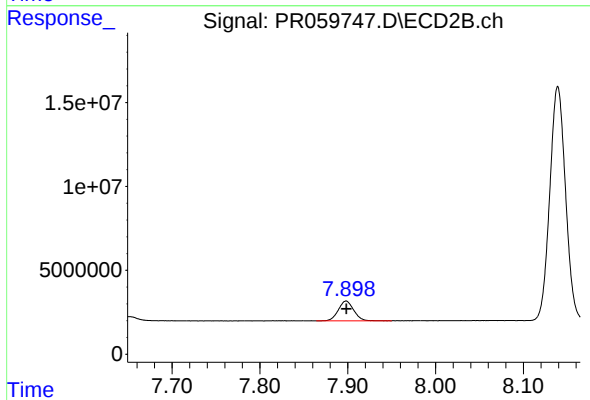
R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 53715260
Conc: 296.74 ng/ml



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 10083417
Conc: 12.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 14398587
Conc: 9.78 ng/ml