

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072719\
 Data File : PR039761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 08:10
 Operator : SM\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: Jul 27 09:24:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 2019
 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...	3.756	4.601	123.4E6	470.0E6	51.437	46.888
2)	SA Decachlor...	8.691	10.331	141.1E6	519.3E6	56.771	55.314
Target Compounds							
3)	L1 AR-1016-1	4.822	5.755	45526335	171.8E6	517.827	475.089
4)	L1 AR-1016-2	4.840	5.777	76262731	250.7E6	526.514	483.495
5)	L1 AR-1016-3	5.013	5.838	36618474	146.8E6	527.199	478.858
6)	L1 AR-1016-4	5.054	5.938	27170903	124.3E6	482.681	476.949
7)	L1 AR-1016-5	5.263	6.227	41193544	119.8E6	549.228	476.853
8)	L2 AR-1221-1	3.964	4.802	3522449	12578741	108.225	100.640
9)	L2 AR-1221-2	4.050	4.894	5550751	19521126	228.137	208.865
10)	L2 AR-1221-3	4.125	4.969	21075453	74704668	269.101	244.596
11)	L3 AR-1232-1	4.125	4.969	21075453	74704668	269.680	256.922
12)	L3 AR-1232-2	4.840	5.491	76262731	110.4E6	811.337	734.017
13)	L3 AR-1232-3	5.013	5.777	36618474	250.7E6	866.246	782.542
14)	L3 AR-1232-4	5.094	5.938	36105159	124.3E6	907.136	770.616
15)	L3 AR-1232-5	5.263	6.023	41193544	103.1E6	973.384	912.599
16)	L4 AR-1242-1	4.822	5.755	45526335	171.8E6	498.664	482.851
17)	L4 AR-1242-2	4.840	5.777	76262731	250.7E6	532.088	483.699
18)	L4 AR-1242-3	5.013	5.838	36618474	146.8E6	518.114	476.536
19)	L4 AR-1242-4	5.094	5.938	36105159	124.3E6	516.167	474.877
20)	L4 AR-1242-5	5.608	6.664	34159479	15689326	343.899	54.092 #
21)	L5 AR-1248-1	4.822	5.755	45526335	171.8E6	629.126	600.321
22)	L5 AR-1248-2	5.054	6.023	27170903	103.1E6	347.302	273.873
23)	L5 AR-1248-3	5.094	6.227	36105159	119.8E6	338.111	274.865
24)	L5 AR-1248-4	5.263	6.624	41193544	18808749	311.155	36.211 #
25)	L5 AR-1248-5	5.647	6.664	8920536	15689326	61.547	31.829 #
26)	L6 AR-1254-1	5.608	6.598	34159479	80758369	221.484	221.713
27)	L6 AR-1254-2	5.752	6.812	33455466	93013295	255.516	162.843 #
28)	L6 AR-1254-3	6.163	7.178	77313231	60931063	346.030	97.725 #
29)	L6 AR-1254-4	6.375	7.460	11204118	40027795	77.048	88.383
30)	L6 AR-1254-5	6.785	7.873	113.6E6	344.3E6	596.779	725.238
31)	L7 AR-1260-1	6.277	7.338	85838327	224.2E6	589.019	505.197
32)	L7 AR-1260-2	6.462	7.590	109.6E6	286.2E6	595.389	522.151
33)	L7 AR-1260-3	6.613	7.945	100.4E6	220.3E6	605.902	525.415
34)	L7 AR-1260-4	7.078	8.174	81260807	256.1E6	584.582	530.864
35)	L7 AR-1260-5	7.317	8.499	204.8E6	561.4E6	593.518	547.388
36)	L8 AR-1262-1	6.875	7.945	44512053	220.3E6	303.157	212.184 #
37)	L8 AR-1262-2	7.317	8.499	204.8E6	561.4E6	302.955	278.710
38)	L8 AR-1262-3	7.596	8.834	42317480	337.4E6	178.144	268.897 #
39)	L8 AR-1262-4	7.660	8.889	144.6E6	210.6E6	312.345	223.168 #
40)	L8 AR-1262-5	8.151	9.574	50553006	158.8E6	259.984	249.994
41)	L9 AR-1268-1	7.596	8.834	42317480	337.4E6	55.204	142.198 #

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

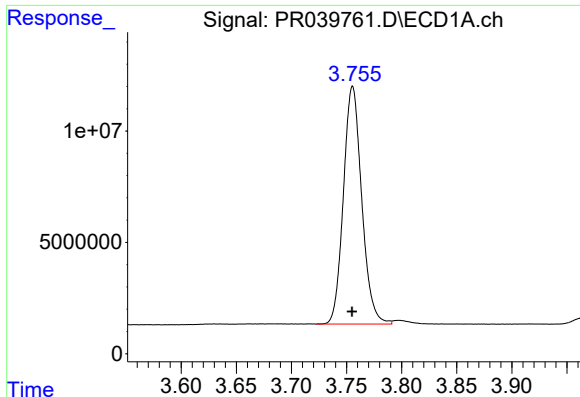
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 09:24:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.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	7.660	8.889	144.6E6	210.6E6	206.018	94.870 #
43) L9	AR-1268-3	7.862	9.139	2320019	7203961	4.175	4.003
44) L9	AR-1268-4	8.151	9.574	50553006	158.8E6	219.422	214.158
45) L9	AR-1268-5	8.439	9.991	12766923	44923571	7.492	7.679

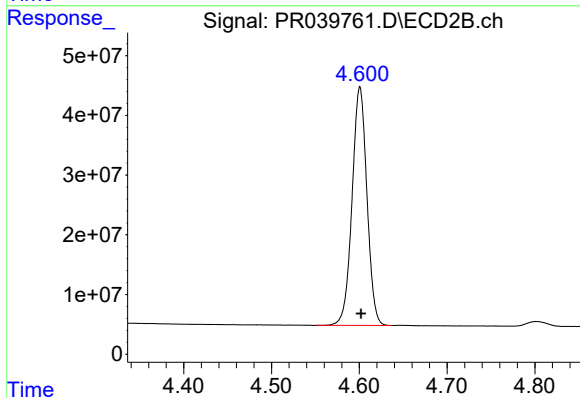
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

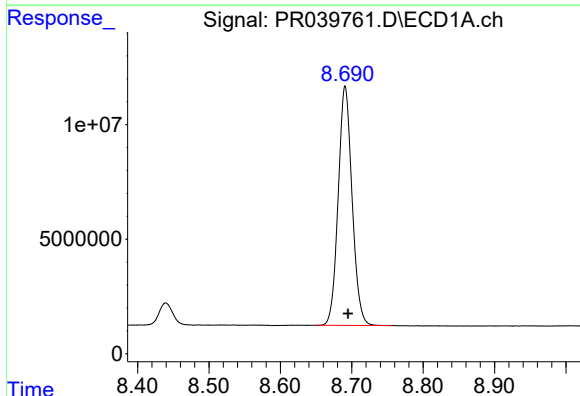
R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 123447332
Conc: 51.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



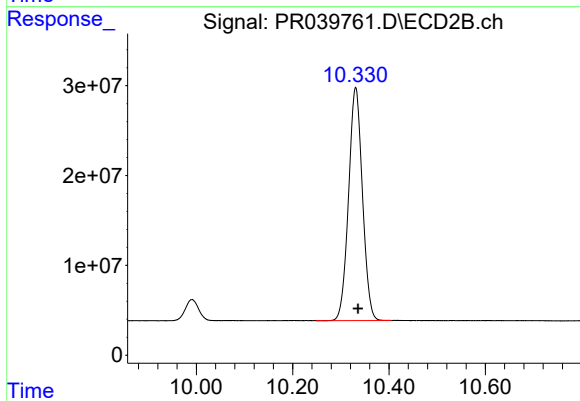
#1 Tetrachloro-m-xylene

R.T.: 4.601 min
Delta R.T.: -0.001 min
Response: 470017999
Conc: 46.89 ng/ml



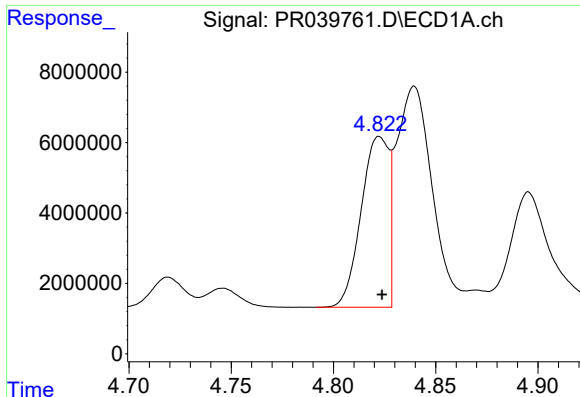
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.004 min
Response: 141052874
Conc: 56.77 ng/ml



#2 Decachlorobiphenyl

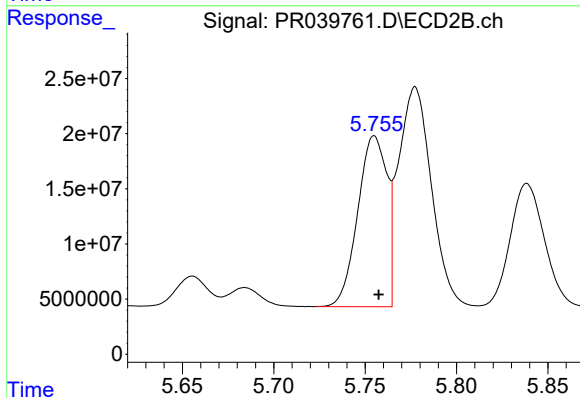
R.T.: 10.331 min
Delta R.T.: -0.005 min
Response: 519272972
Conc: 55.31 ng/ml



#3 AR-1016-1

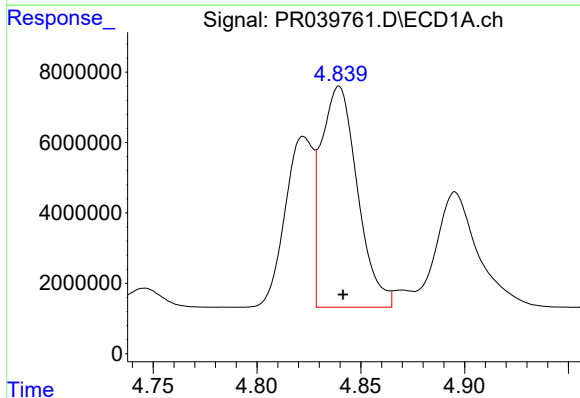
R.T.: 4.822 min
Delta R.T.: -0.001 min
Response: 45526335
Conc: 517.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



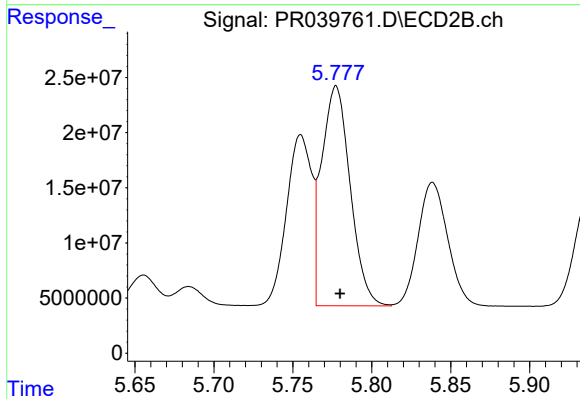
#3 AR-1016-1

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 171839660
Conc: 475.09 ng/ml



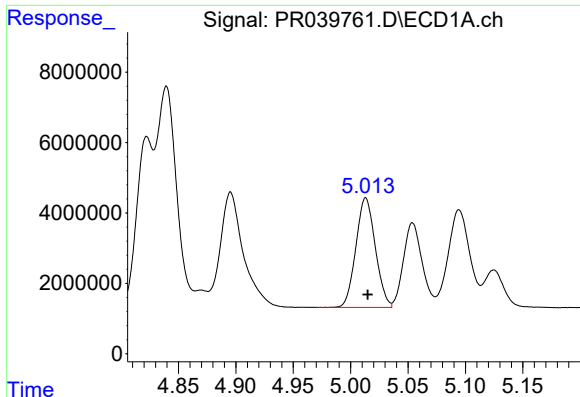
#4 AR-1016-2

R.T.: 4.840 min
Delta R.T.: -0.002 min
Response: 76262731
Conc: 526.51 ng/ml



#4 AR-1016-2

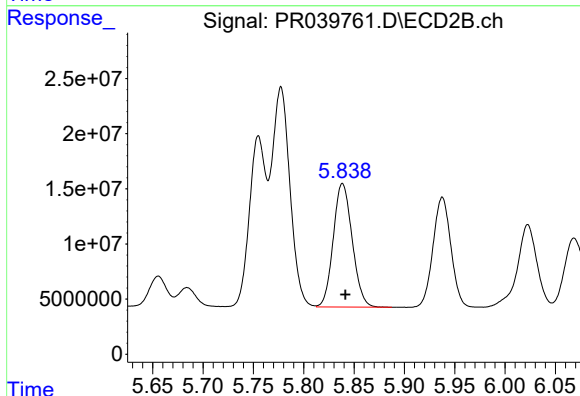
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 250733660
Conc: 483.49 ng/ml



#5 AR-1016-3

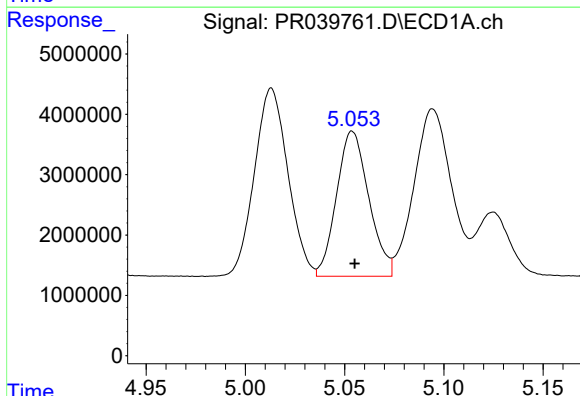
R.T.: 5.013 min
Delta R.T.: -0.002 min
Response: 36618474
Conc: 527.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



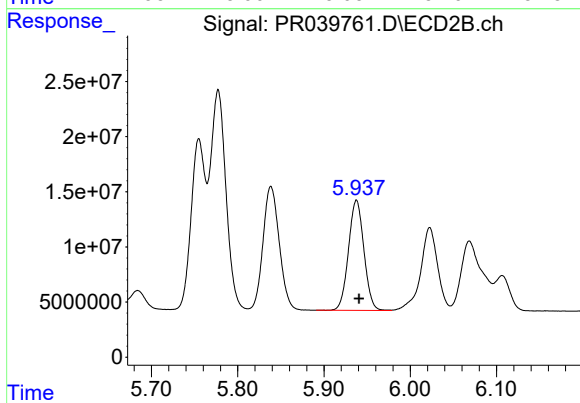
#5 AR-1016-3

R.T.: 5.838 min
Delta R.T.: -0.003 min
Response: 146758002
Conc: 478.86 ng/ml



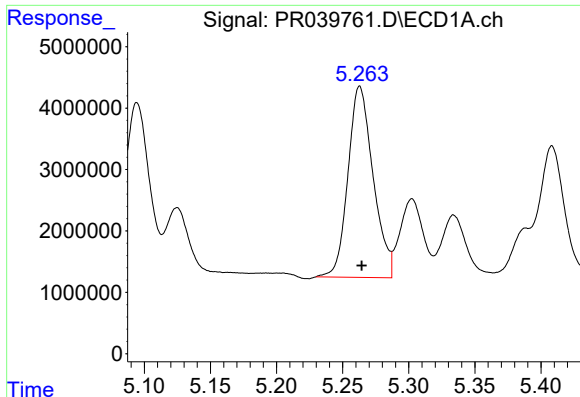
#6 AR-1016-4

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 27170903
Conc: 482.68 ng/ml



#6 AR-1016-4

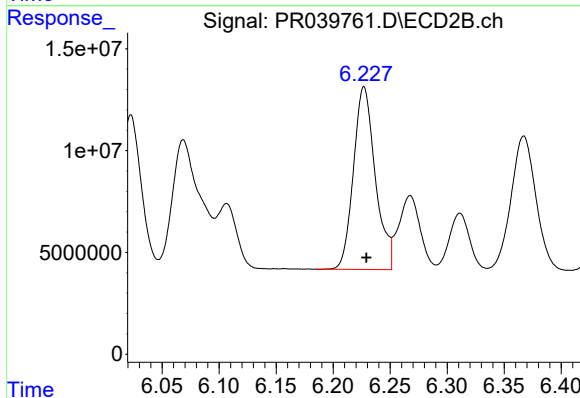
R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 124339068
Conc: 476.95 ng/ml



#7 AR-1016-5

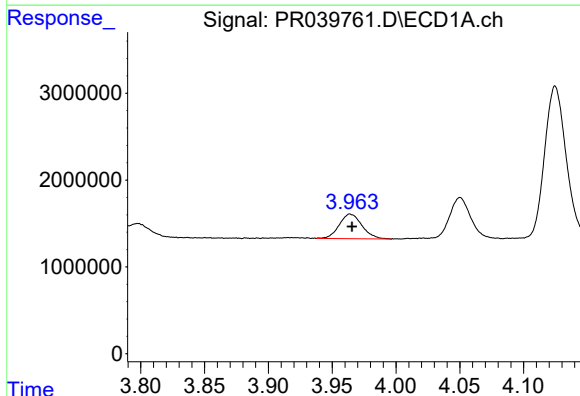
R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 41193544
Conc: 549.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



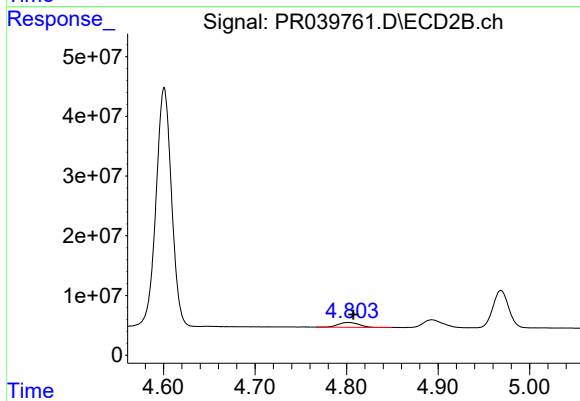
#7 AR-1016-5

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 119804047
Conc: 476.85 ng/ml



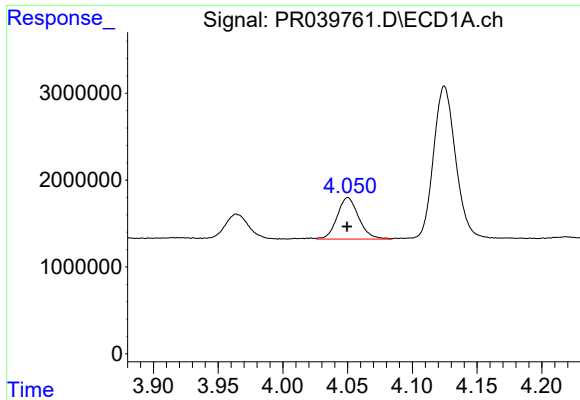
#8 AR-1221-1

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 3522449
Conc: 108.23 ng/ml



#8 AR-1221-1

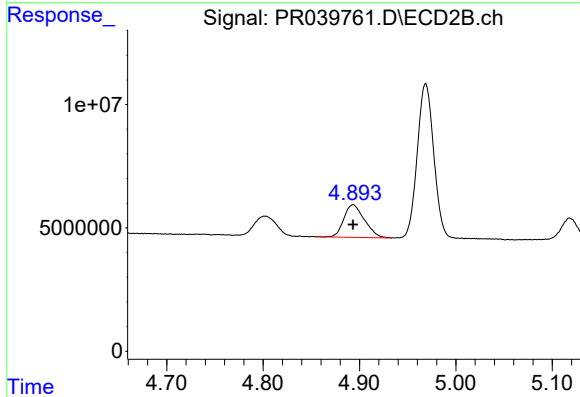
R.T.: 4.802 min
Delta R.T.: -0.006 min
Response: 12578741
Conc: 100.64 ng/ml



#9 AR-1221-2

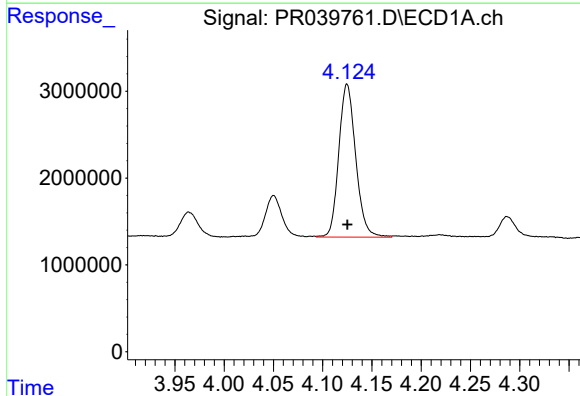
R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 5550751
Conc: 228.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



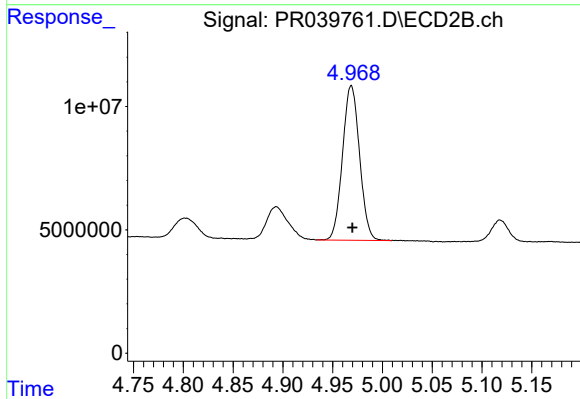
#9 AR-1221-2

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 19521126
Conc: 208.86 ng/ml



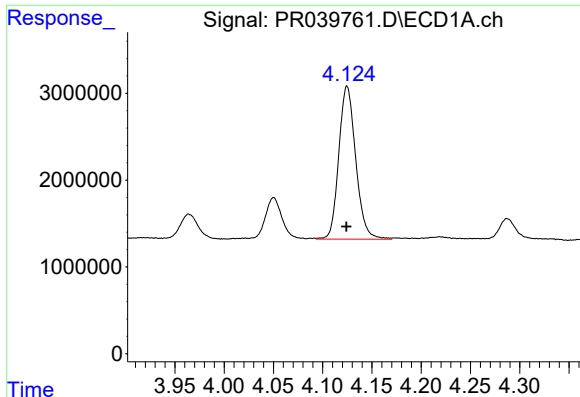
#10 AR-1221-3

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 21075453
Conc: 269.10 ng/ml



#10 AR-1221-3

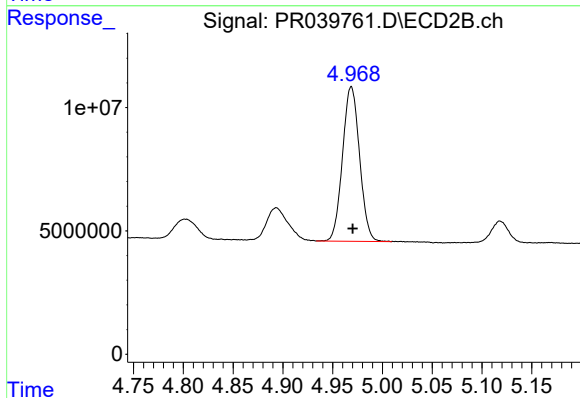
R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 74704668
Conc: 244.60 ng/ml



#11 AR-1232-1

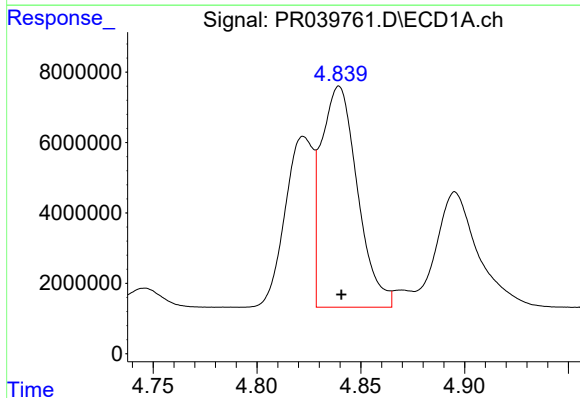
R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 21075453
Conc: 269.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



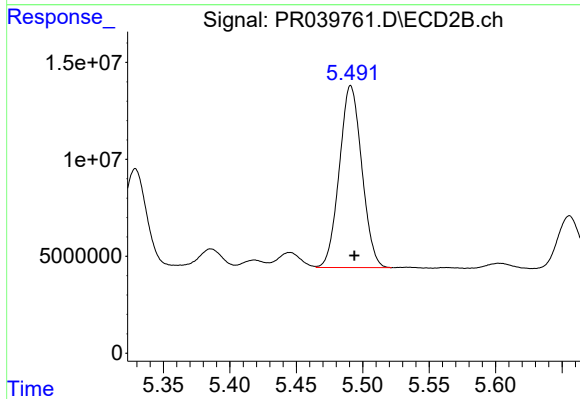
#11 AR-1232-1

R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 74704668
Conc: 256.92 ng/ml



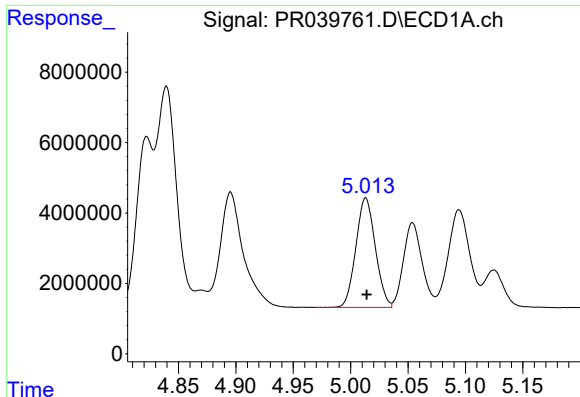
#12 AR-1232-2

R.T.: 4.840 min
Delta R.T.: -0.001 min
Response: 76262731
Conc: 811.34 ng/ml



#12 AR-1232-2

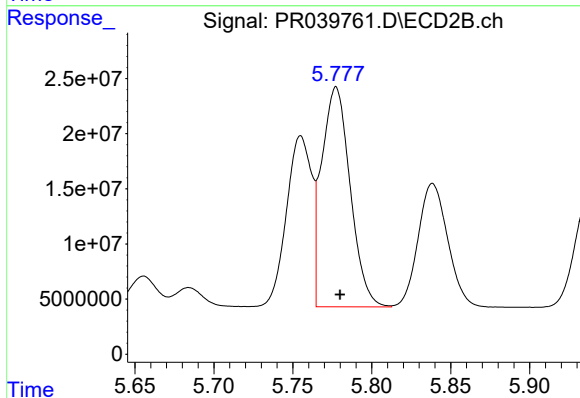
R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 110420921
Conc: 734.02 ng/ml



#13 AR-1232-3

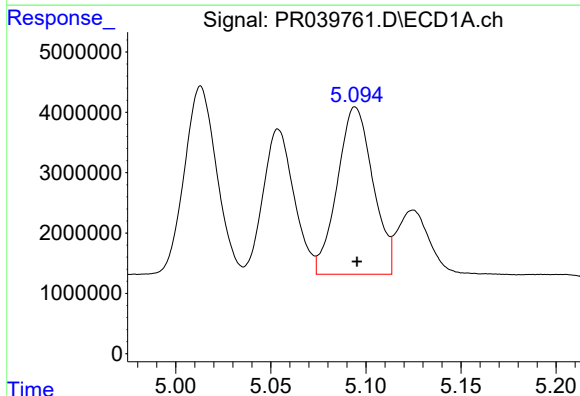
R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 36618474
Conc: 866.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



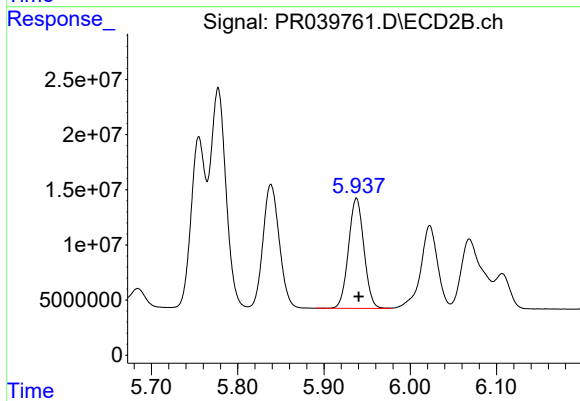
#13 AR-1232-3

R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 250733660
Conc: 782.54 ng/ml



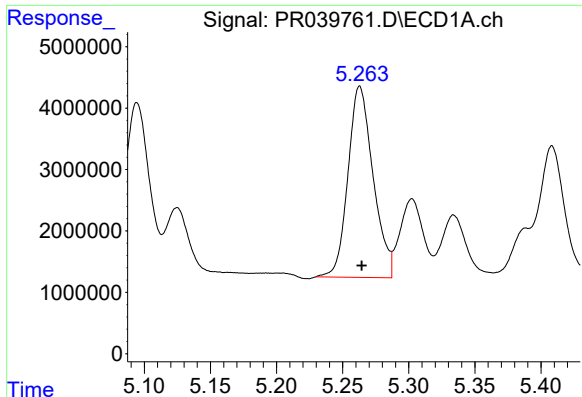
#14 AR-1232-4

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 36105159
Conc: 907.14 ng/ml



#14 AR-1232-4

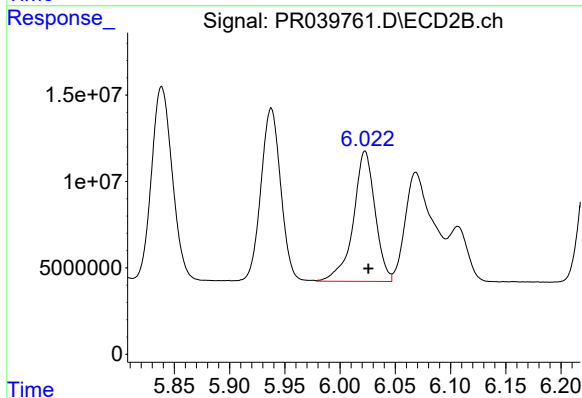
R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 124339068
Conc: 770.62 ng/ml



#15 AR-1232-5

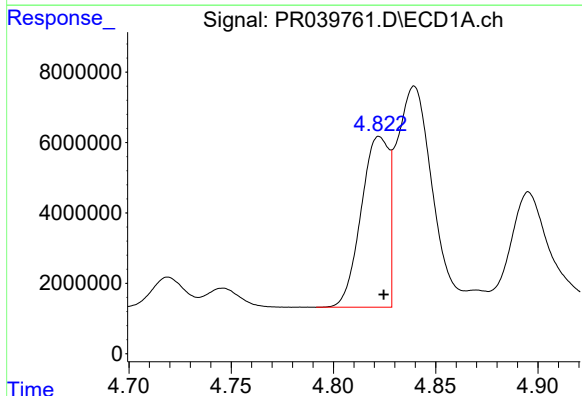
R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 41193544
Conc: 973.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



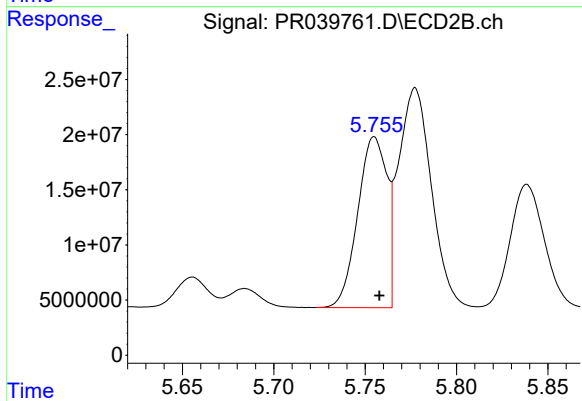
#15 AR-1232-5

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 103111994
Conc: 912.60 ng/ml



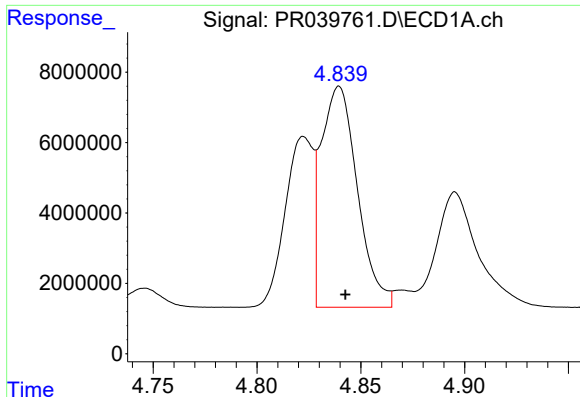
#16 AR-1242-1

R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 45526335
Conc: 498.66 ng/ml



#16 AR-1242-1

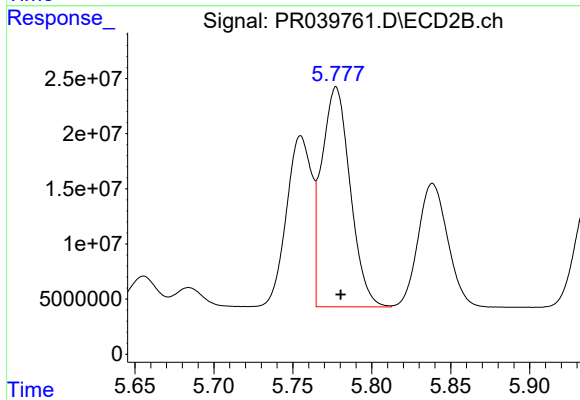
R.T.: 5.755 min
Delta R.T.: -0.003 min
Response: 171839660
Conc: 482.85 ng/ml



#17 AR-1242-2

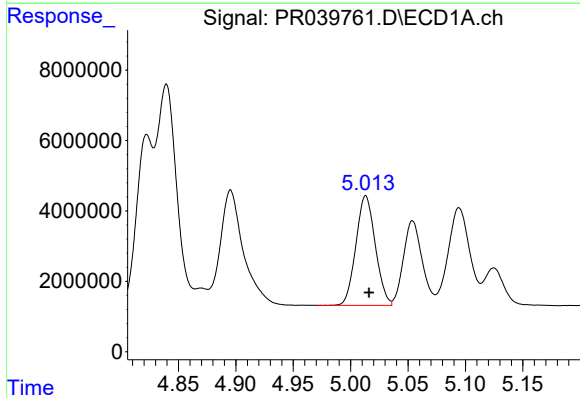
R.T.: 4.840 min
Delta R.T.: -0.003 min
Response: 76262731
Conc: 532.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



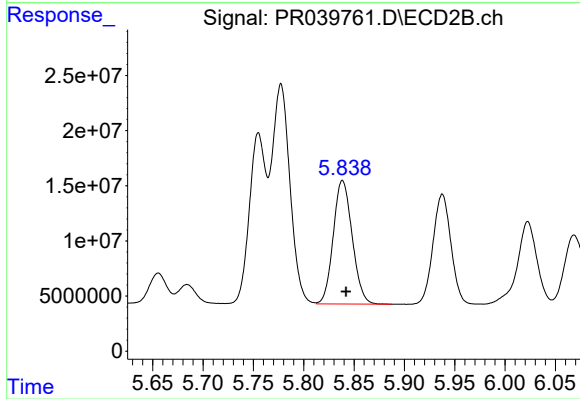
#17 AR-1242-2

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 250733660
Conc: 483.70 ng/ml



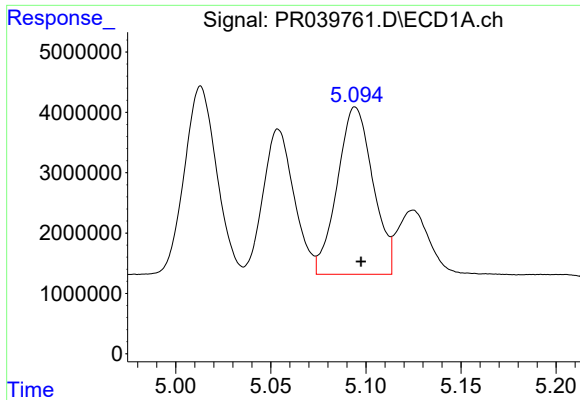
#18 AR-1242-3

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 36618474
Conc: 518.11 ng/ml



#18 AR-1242-3

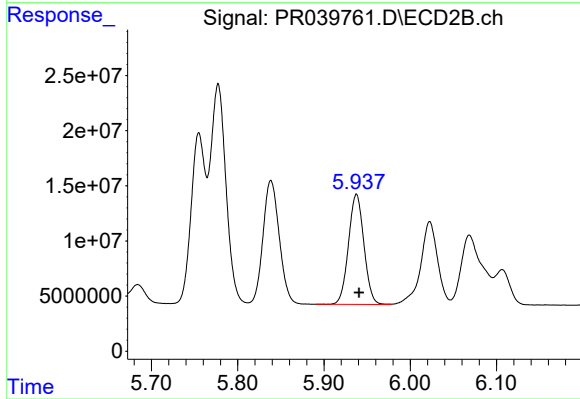
R.T.: 5.838 min
Delta R.T.: -0.004 min
Response: 146758002
Conc: 476.54 ng/ml



#19 AR-1242-4

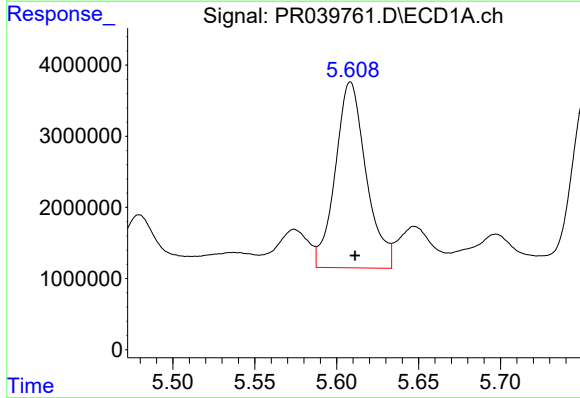
R.T.: 5.094 min
Delta R.T.: -0.003 min
Response: 36105159
Conc: 516.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



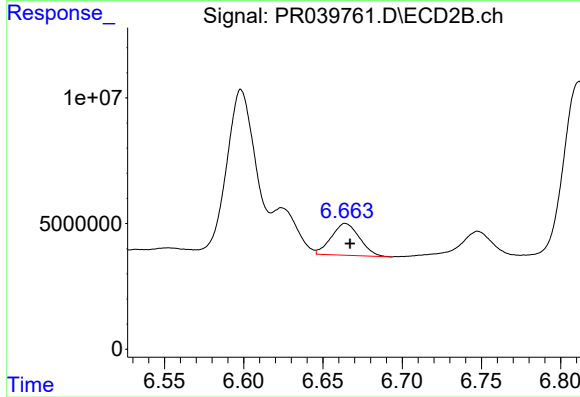
#19 AR-1242-4

R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 124339068
Conc: 474.88 ng/ml



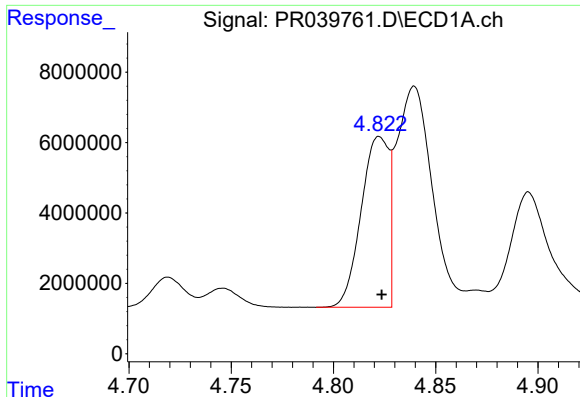
#20 AR-1242-5

R.T.: 5.608 min
Delta R.T.: -0.003 min
Response: 34159479
Conc: 343.90 ng/ml



#20 AR-1242-5

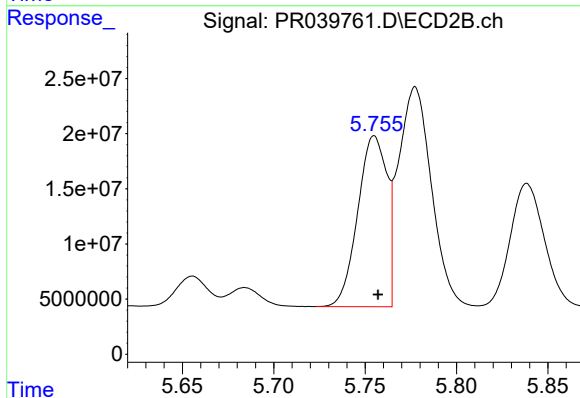
R.T.: 6.664 min
Delta R.T.: -0.003 min
Response: 15689326
Conc: 54.09 ng/ml



#21 AR-1248-1

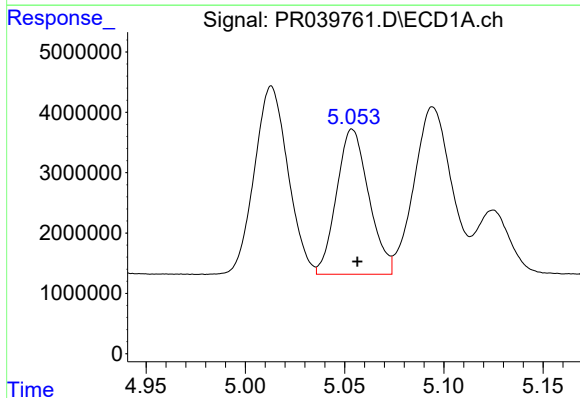
R.T.: 4.822 min
Delta R.T.: -0.001 min
Response: 45526335
Conc: 629.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



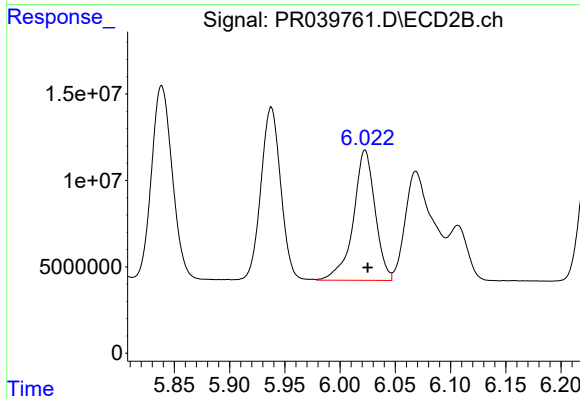
#21 AR-1248-1

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 171839660
Conc: 600.32 ng/ml



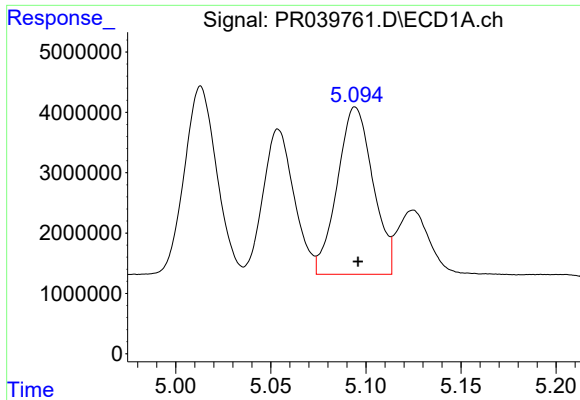
#22 AR-1248-2

R.T.: 5.054 min
Delta R.T.: -0.003 min
Response: 27170903
Conc: 347.30 ng/ml



#22 AR-1248-2

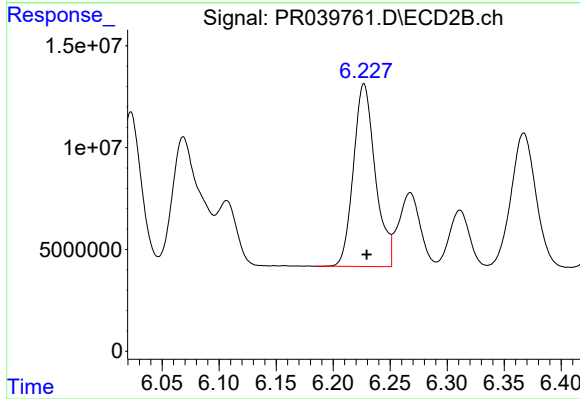
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 103111994
Conc: 273.87 ng/ml



#23 AR-1248-3

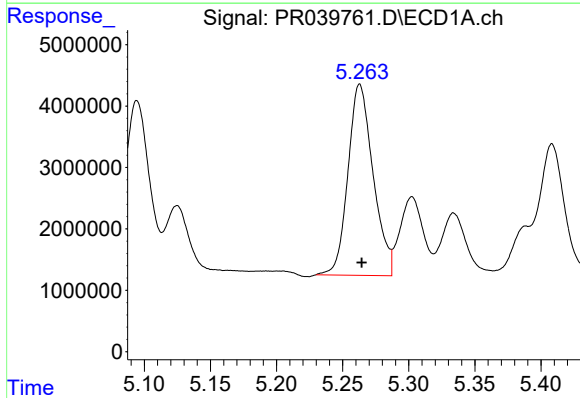
R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 36105159
Conc: 338.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



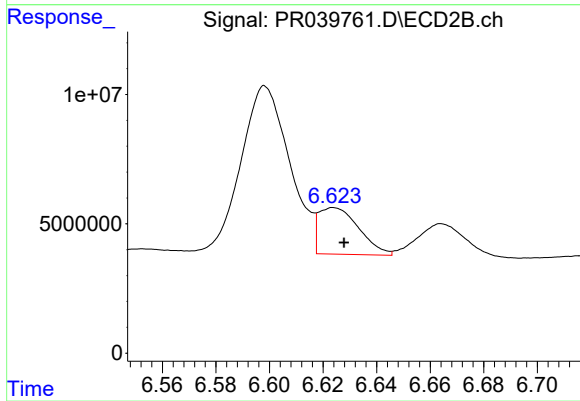
#23 AR-1248-3

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 119804047
Conc: 274.86 ng/ml



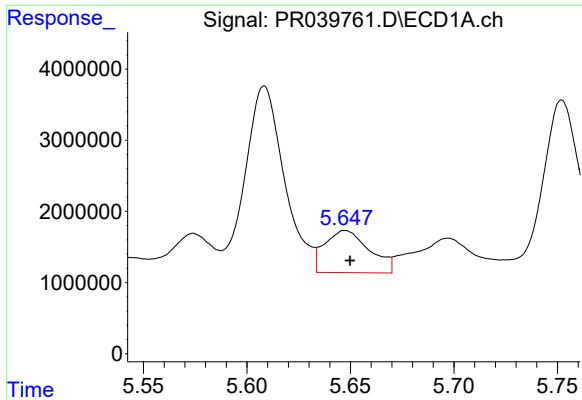
#24 AR-1248-4

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 41193544
Conc: 311.15 ng/ml



#24 AR-1248-4

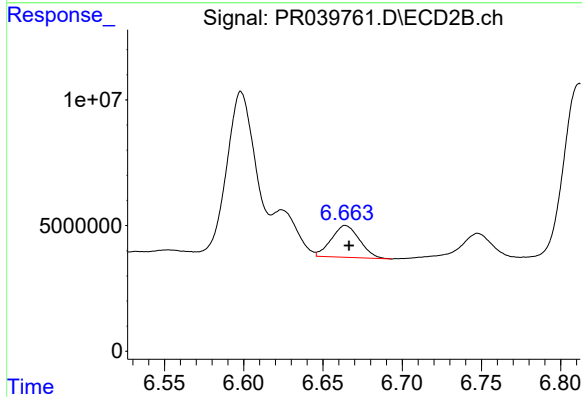
R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 18808749
Conc: 36.21 ng/ml



#25 AR-1248-5

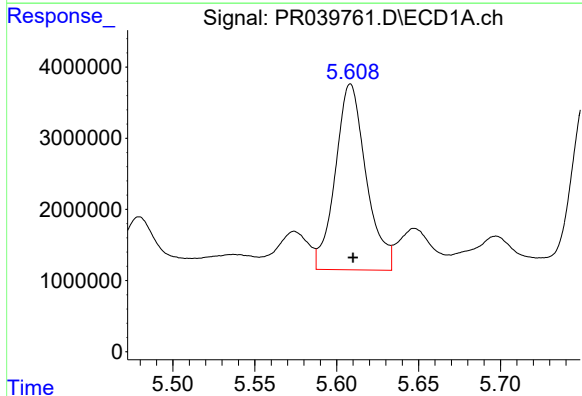
R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 8920536
Conc: 61.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



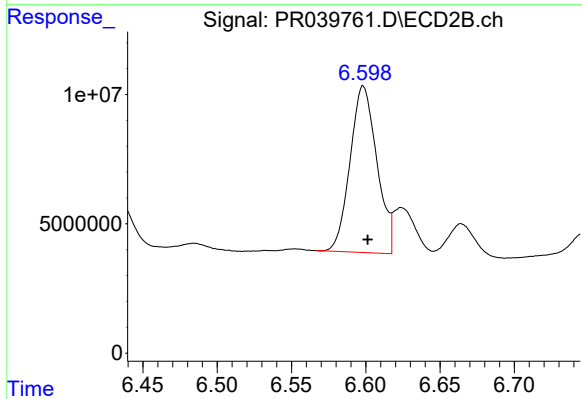
#25 AR-1248-5

R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 15689326
Conc: 31.83 ng/ml



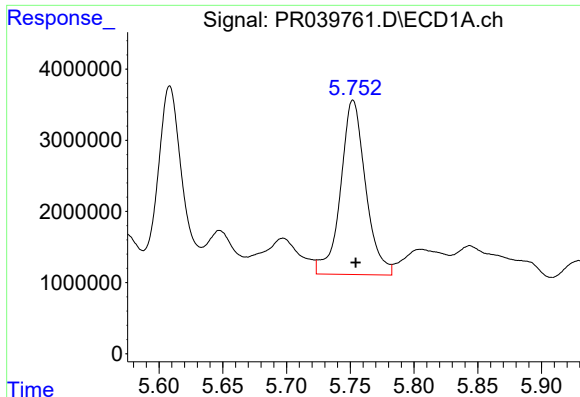
#26 AR-1254-1

R.T.: 5.608 min
Delta R.T.: -0.002 min
Response: 34159479
Conc: 221.48 ng/ml



#26 AR-1254-1

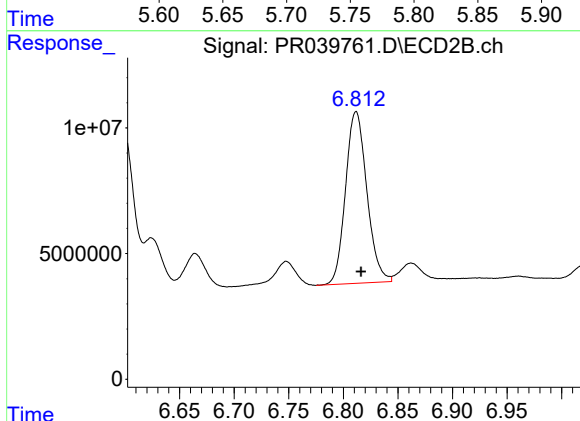
R.T.: 6.598 min
Delta R.T.: -0.003 min
Response: 80758369
Conc: 221.71 ng/ml



#27 AR-1254-2

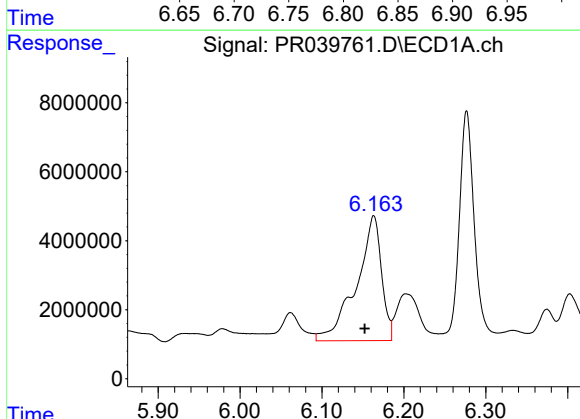
R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 33455466
Conc: 255.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



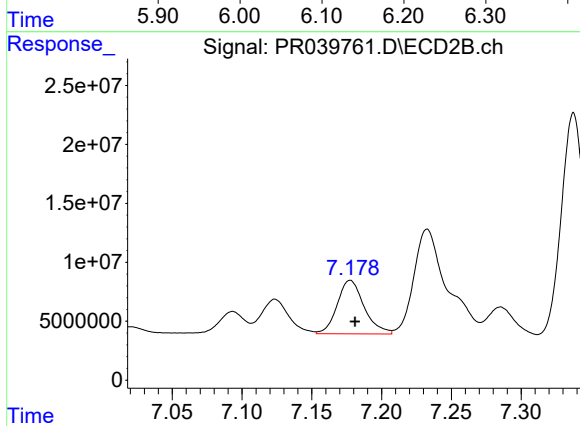
#27 AR-1254-2

R.T.: 6.812 min
Delta R.T.: -0.005 min
Response: 93013295
Conc: 162.84 ng/ml



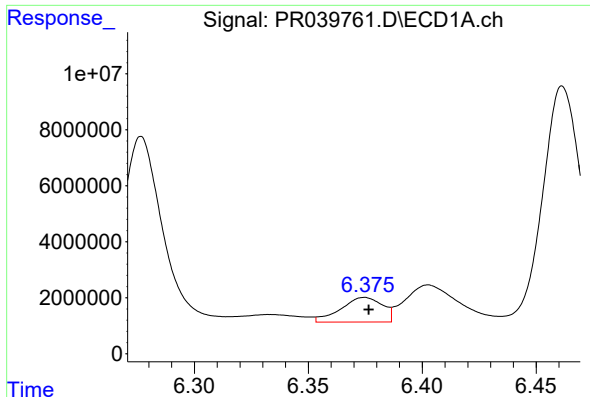
#28 AR-1254-3

R.T.: 6.163 min
Delta R.T.: 0.011 min
Response: 77313231
Conc: 346.03 ng/ml



#28 AR-1254-3

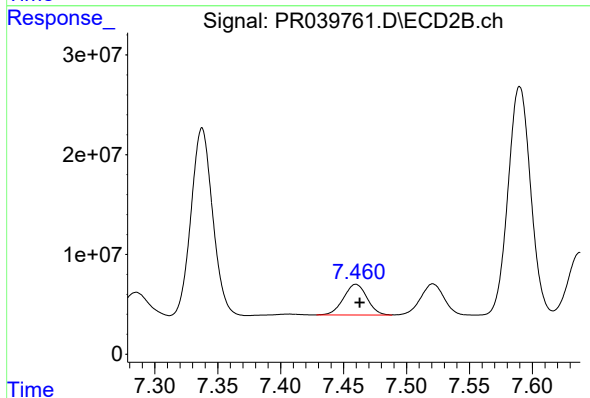
R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 60931063
Conc: 97.72 ng/ml



#29 AR-1254-4

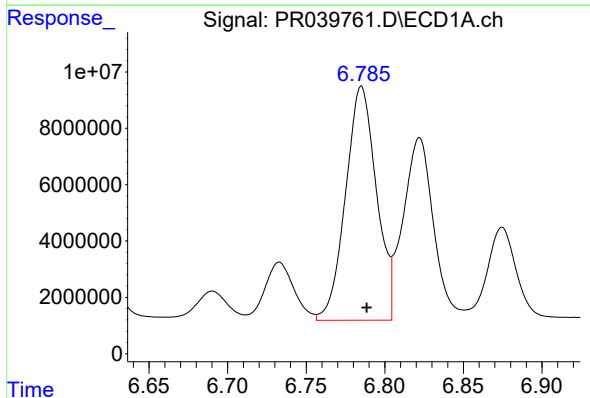
R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 11204118
Conc: 77.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



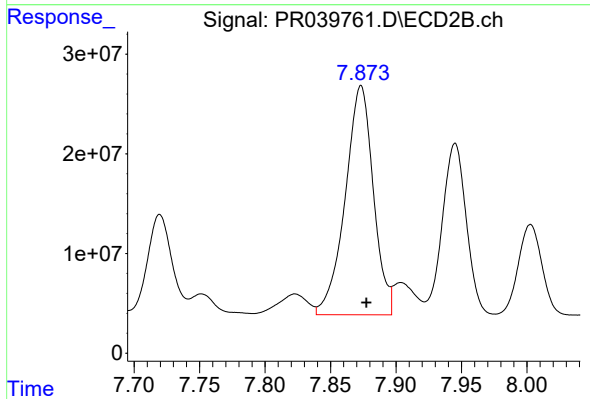
#29 AR-1254-4

R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 40027795
Conc: 88.38 ng/ml



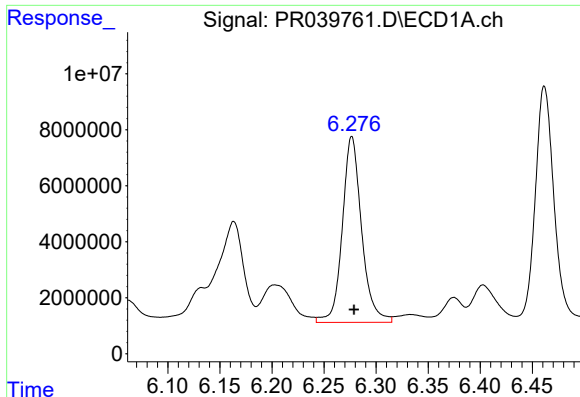
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 113636299
Conc: 596.78 ng/ml



#30 AR-1254-5

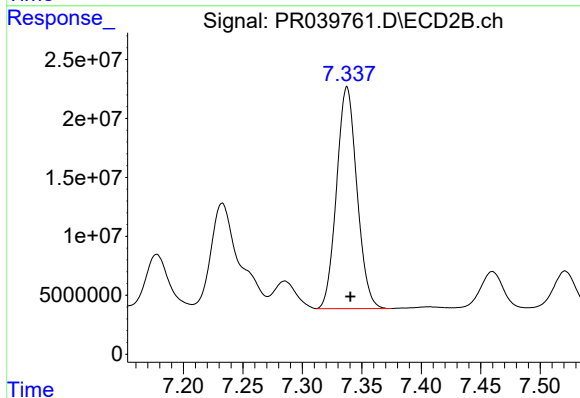
R.T.: 7.873 min
Delta R.T.: -0.004 min
Response: 344344705
Conc: 725.24 ng/ml



#31 AR-1260-1

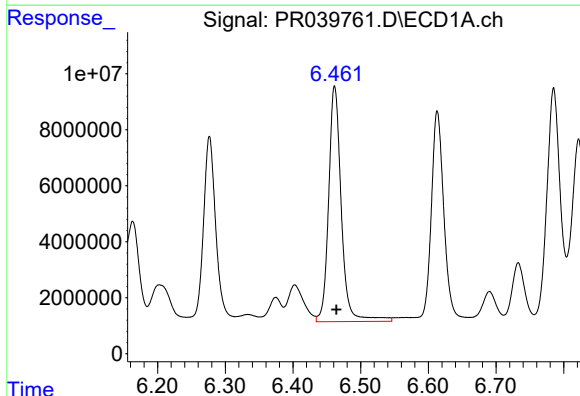
R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 85838327
Conc: 589.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



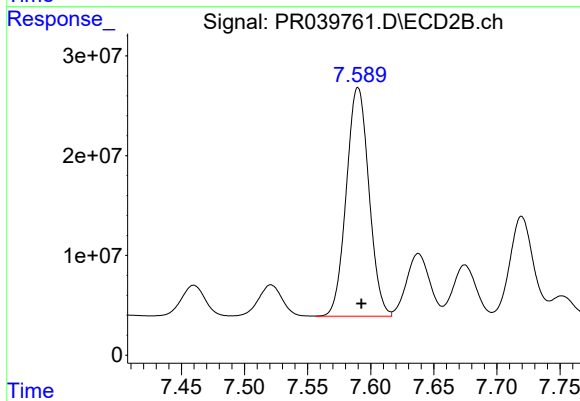
#31 AR-1260-1

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 224166110
Conc: 505.20 ng/ml



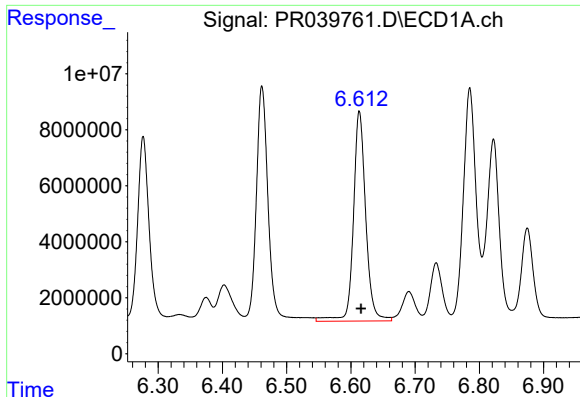
#32 AR-1260-2

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 109619280
Conc: 595.39 ng/ml



#32 AR-1260-2

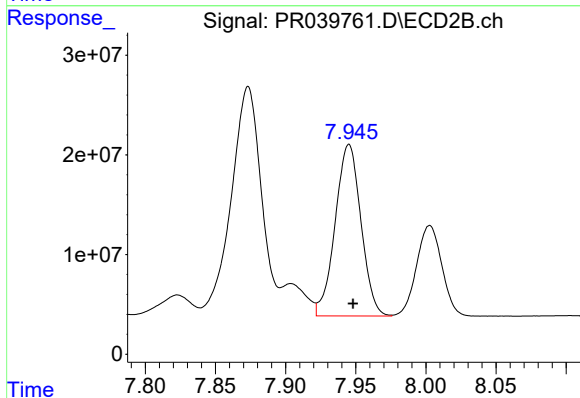
R.T.: 7.590 min
Delta R.T.: -0.003 min
Response: 286222892
Conc: 522.15 ng/ml



#33 AR-1260-3

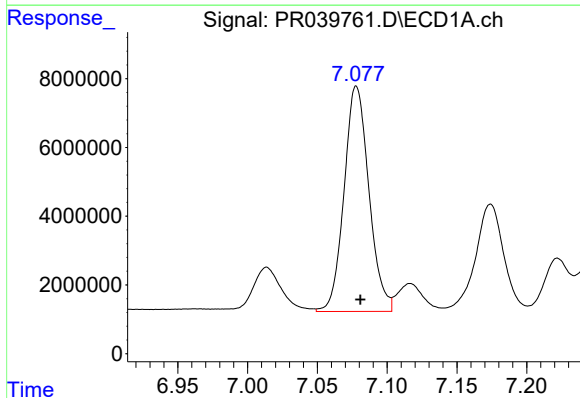
R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 100378390
Conc: 605.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



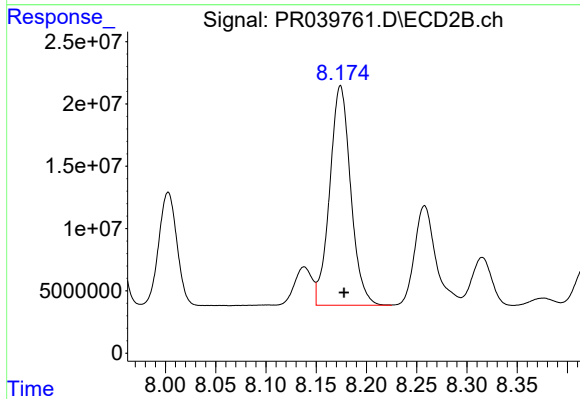
#33 AR-1260-3

R.T.: 7.945 min
Delta R.T.: -0.003 min
Response: 220274627
Conc: 525.42 ng/ml



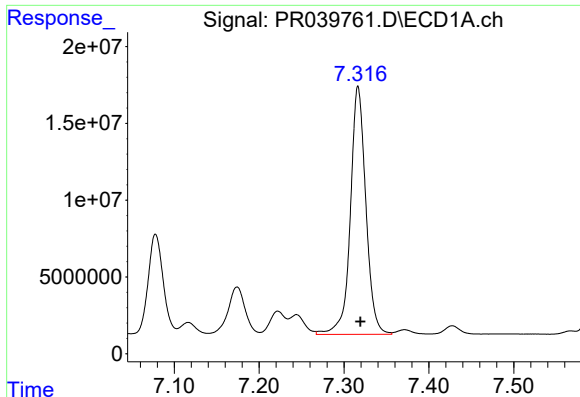
#34 AR-1260-4

R.T.: 7.078 min
Delta R.T.: -0.003 min
Response: 81260807
Conc: 584.58 ng/ml



#34 AR-1260-4

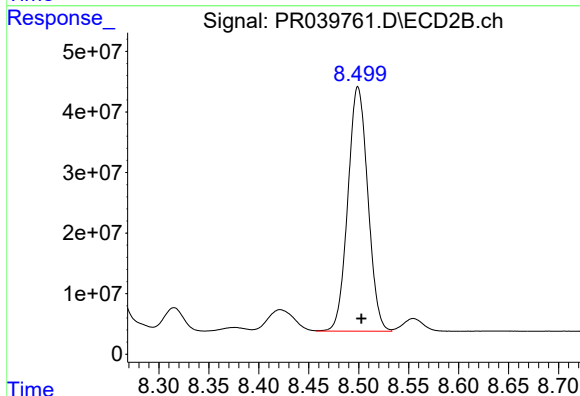
R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 256137493
Conc: 530.86 ng/ml



#35 AR-1260-5

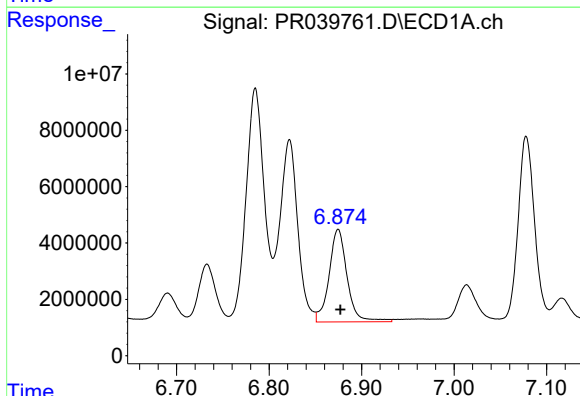
R.T.: 7.317 min
Delta R.T.: -0.003 min
Response: 204758520
Conc: 593.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



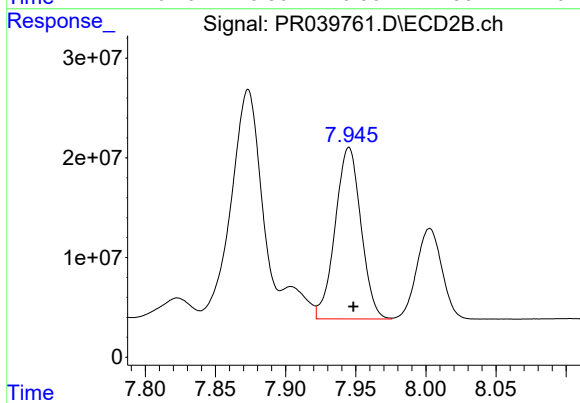
#35 AR-1260-5

R.T.: 8.499 min
Delta R.T.: -0.004 min
Response: 561442482
Conc: 547.39 ng/ml



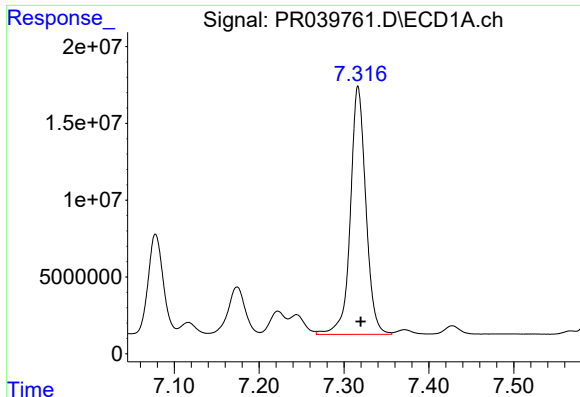
#36 AR-1262-1

R.T.: 6.875 min
Delta R.T.: -0.003 min
Response: 44512053
Conc: 303.16 ng/ml



#36 AR-1262-1

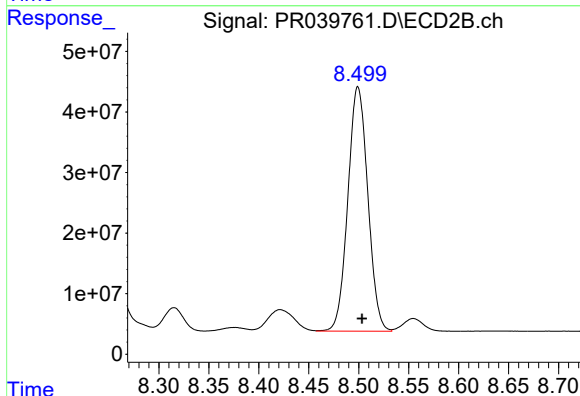
R.T.: 7.945 min
Delta R.T.: -0.003 min
Response: 220274627
Conc: 212.18 ng/ml



#37 AR-1262-2

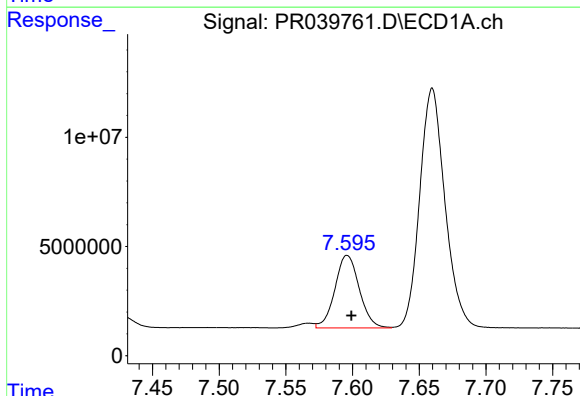
R.T.: 7.317 min
Delta R.T.: -0.003 min
Response: 204758520
Conc: 302.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



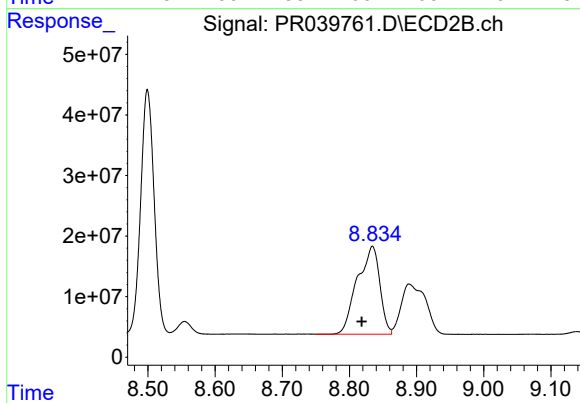
#37 AR-1262-2

R.T.: 8.499 min
Delta R.T.: -0.004 min
Response: 561442482
Conc: 278.71 ng/ml



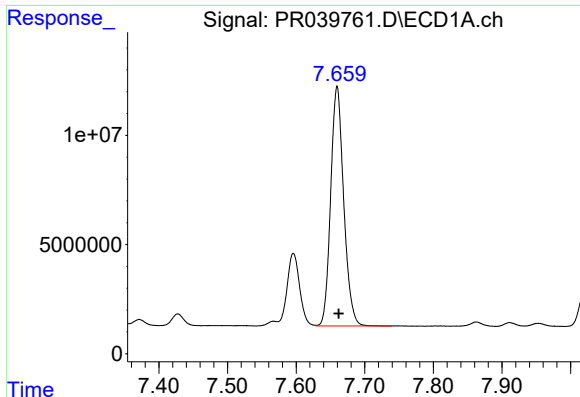
#38 AR-1262-3

R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 42317480
Conc: 178.14 ng/ml



#38 AR-1262-3

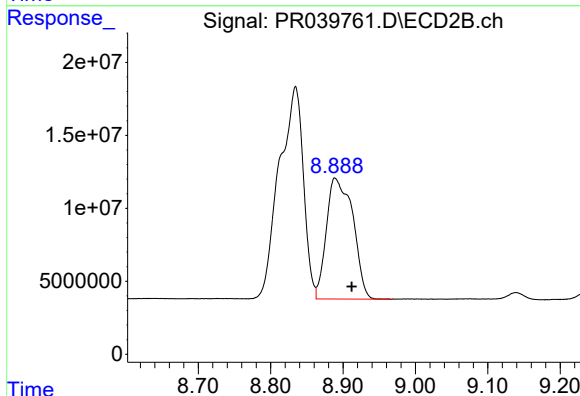
R.T.: 8.834 min
Delta R.T.: 0.016 min
Response: 337415802
Conc: 268.90 ng/ml



#39 AR-1262-4

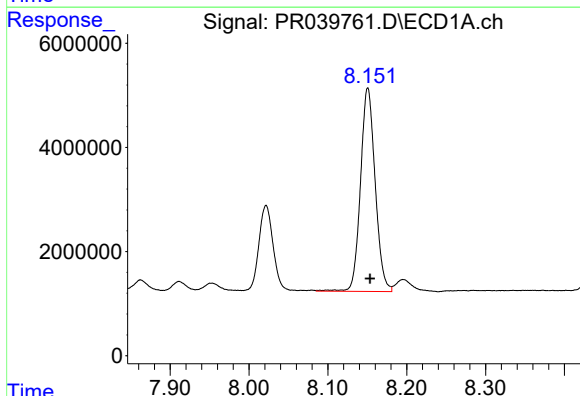
R.T.: 7.660 min
Delta R.T.: -0.003 min
Response: 144641132
Conc: 312.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



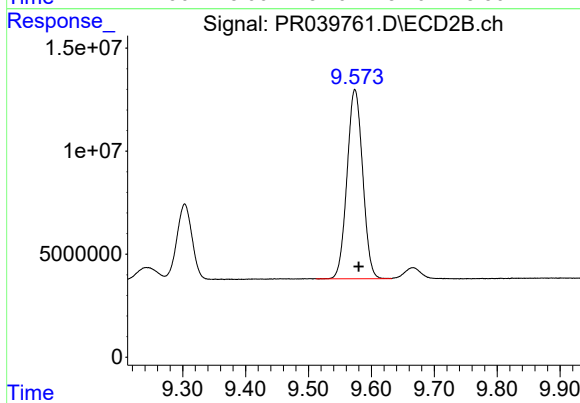
#39 AR-1262-4

R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 210631252
Conc: 223.17 ng/ml



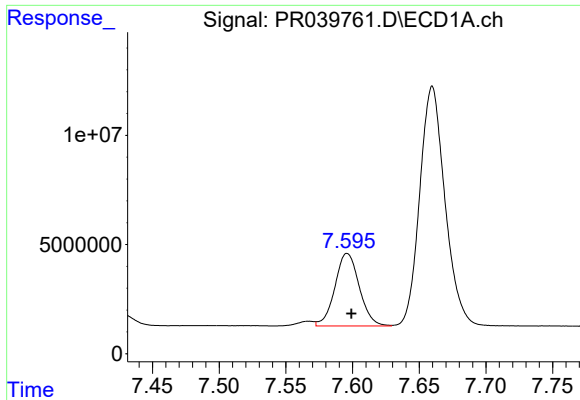
#40 AR-1262-5

R.T.: 8.151 min
Delta R.T.: -0.003 min
Response: 50553006
Conc: 259.98 ng/ml



#40 AR-1262-5

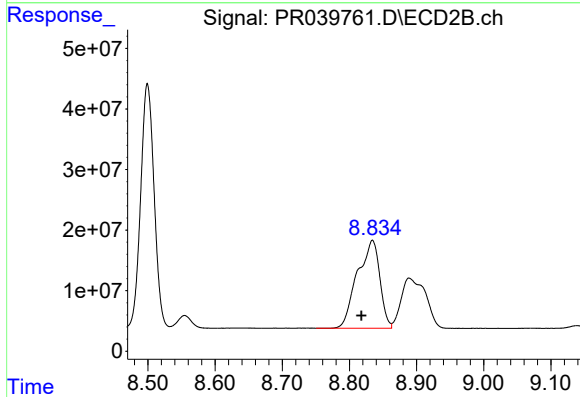
R.T.: 9.574 min
Delta R.T.: -0.006 min
Response: 158806891
Conc: 249.99 ng/ml



#41 AR-1268-1

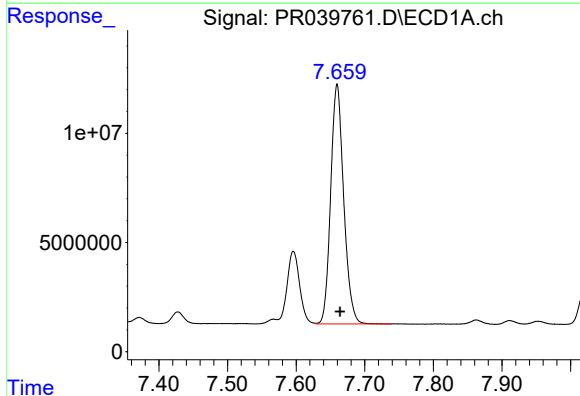
R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 42317480
Conc: 55.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



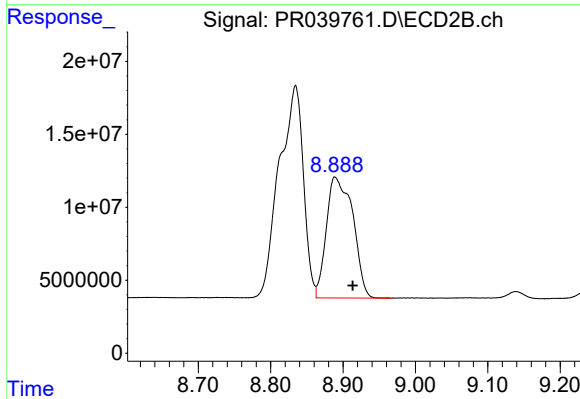
#41 AR-1268-1

R.T.: 8.834 min
Delta R.T.: 0.017 min
Response: 337415802
Conc: 142.20 ng/ml



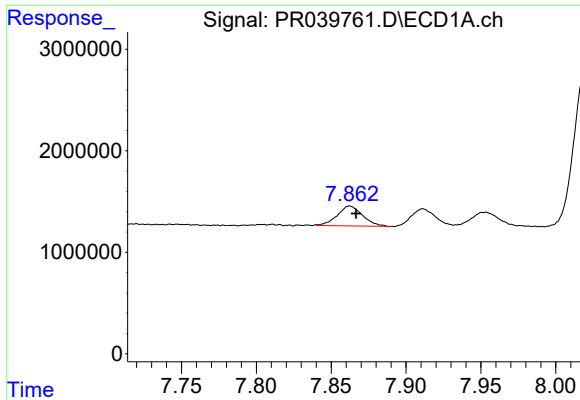
#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 144641132
Conc: 206.02 ng/ml



#42 AR-1268-2

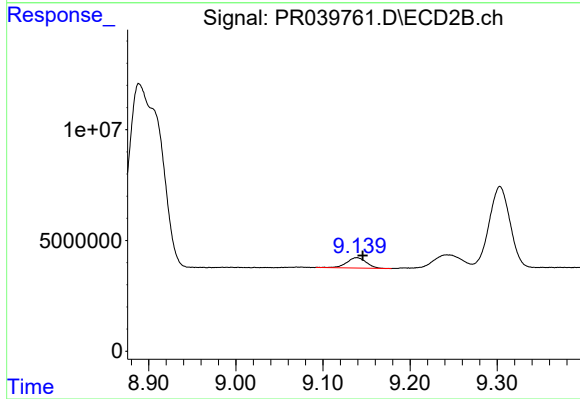
R.T.: 8.889 min
Delta R.T.: -0.024 min
Response: 210631252
Conc: 94.87 ng/ml



#43 AR-1268-3

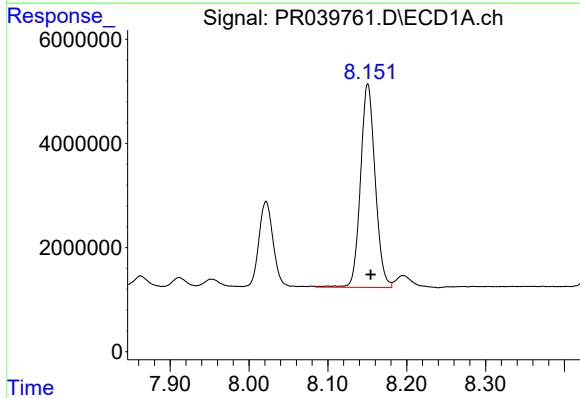
R.T.: 7.862 min
Delta R.T.: -0.004 min
Response: 2320019
Conc: 4.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



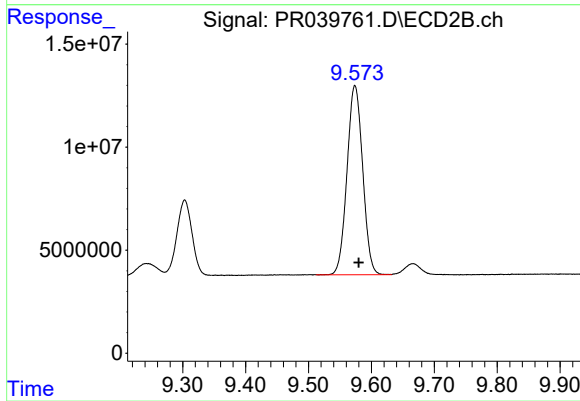
#43 AR-1268-3

R.T.: 9.139 min
Delta R.T.: -0.007 min
Response: 7203961
Conc: 4.00 ng/ml



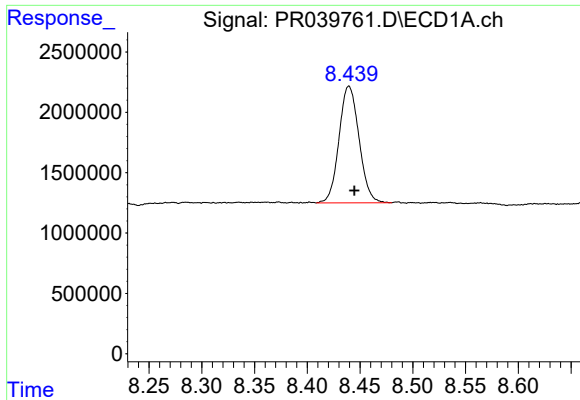
#44 AR-1268-4

R.T.: 8.151 min
Delta R.T.: -0.004 min
Response: 50553006
Conc: 219.42 ng/ml



#44 AR-1268-4

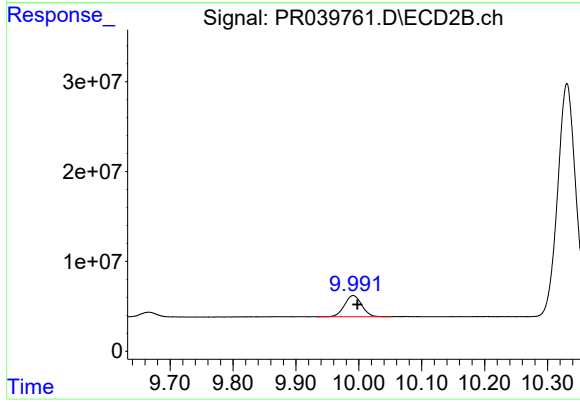
R.T.: 9.574 min
Delta R.T.: -0.006 min
Response: 158806891
Conc: 214.16 ng/ml



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.005 min
Response: 12766923
Conc: 7.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 44923571
Conc: 7.68 ng/ml