

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071619\
 Data File : PR039348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 15:30
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 13773

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 04:05:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 16 02:56:01 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...	3.760	4.606	95418834	367.2E6	61.604	56.779
2)	SA Decachlor...	8.704	10.347	100.7E6	360.5E6	41.190	42.125
Target Compounds							
3)	L1 AR-1016-1	4.829	5.762	35087394	134.9E6	583.474	539.103
4)	L1 AR-1016-2	4.847	5.785	57859795	193.5E6	589.007	530.326
5)	L1 AR-1016-3	5.020	5.846	28023249	116.3E6	564.106	528.520
6)	L1 AR-1016-4	5.060	5.945	22439109	97181421	561.196	519.494
7)	L1 AR-1016-5	5.271	6.235	30465035	95503022	560.055	520.330
8)	L2 AR-1221-1	3.969	4.807	2788326	9613878	178.579	162.097
9)	L2 AR-1221-2	4.056	4.898	4286550	14661837	337.693	317.319
10)	L2 AR-1221-3	4.130	4.975	16602959	56998794	419.123	378.086
11)	L3 AR-1232-1	4.130	4.975	16602959	56998794	559.058	518.466
12)	L3 AR-1232-2	4.847	5.499	57859795	87364385	1567.420	1457.578
13)	L3 AR-1232-3	5.020	5.785	28023249	193.5E6	1534.860	1491.936
14)	L3 AR-1232-4	5.102	5.945	27818606	97181421	1745.963	1451.099
15)	L3 AR-1232-5	5.271	6.030	30465035	81952744	1690.123	1798.213
16)	L4 AR-1242-1	4.829	5.762	35087394	134.9E6	664.082	627.591
17)	L4 AR-1242-2	4.847	5.785	57859795	193.5E6	663.922	619.034
18)	L4 AR-1242-3	5.020	5.846	28023249	116.3E6	643.816	610.364
19)	L4 AR-1242-4	5.102	5.945	27818606	97181421	646.015	605.540
20)	L4 AR-1242-5	5.616	6.673	21930021	14406536	350.953	76.405 #
21)	L5 AR-1248-1	4.829	5.762	35087394	134.9E6	810.696	788.768
22)	L5 AR-1248-2	5.060	6.030	22439109	81952744	357.720	348.940
23)	L5 AR-1248-3	5.102	6.235	27818606	95503022	426.117	345.560
24)	L5 AR-1248-4	5.271	6.632	30465035	16232975	371.633	48.373 #
25)	L5 AR-1248-5	5.656	6.673	3628476	14406536	41.529	44.878
26)	L6 AR-1254-1	5.616	6.607	21930021	70117610	165.815	218.980 #
27)	L6 AR-1254-2	5.760	6.820	20072484	72202373	171.356	141.095
28)	L6 AR-1254-3	6.172	7.187	49525132	48767031	239.677	81.264 #
29)	L6 AR-1254-4	6.383	7.468	6041693	30329307	39.464	70.082 #
30)	L6 AR-1254-5	6.794	7.882	79425984	263.8E6	426.337	561.355 #
31)	L7 AR-1260-1	6.285	7.346	58372542	179.1E6	509.347	493.212
32)	L7 AR-1260-2	6.470	7.599	72894473	218.3E6	483.349	499.036
33)	L7 AR-1260-3	6.623	7.954	66408153	167.7E6	493.435	494.192
34)	L7 AR-1260-4	7.088	8.183	55527609	191.6E6	463.926	471.528
35)	L7 AR-1260-5	7.326	8.509	138.1E6	420.4E6	459.653	491.602
36)	L8 AR-1262-1	6.884	7.954	29206306	167.7E6	308.099	241.514
37)	L8 AR-1262-2	7.326	8.509	138.1E6	420.4E6	283.946	306.691
38)	L8 AR-1262-3	7.606	8.846	30312178	256.5E6	166.904	284.802 #
39)	L8 AR-1262-4	7.669	8.901	99034163	160.6E6	278.355	239.168
40)	L8 AR-1262-5	8.160	9.587	33647060	115.9E6	206.323	236.784
41)	L9 AR-1268-1	7.606	8.846	30312178	256.5E6	56.143	162.812 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071619\
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 Acq On : 16 Jul 2019 15:30
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

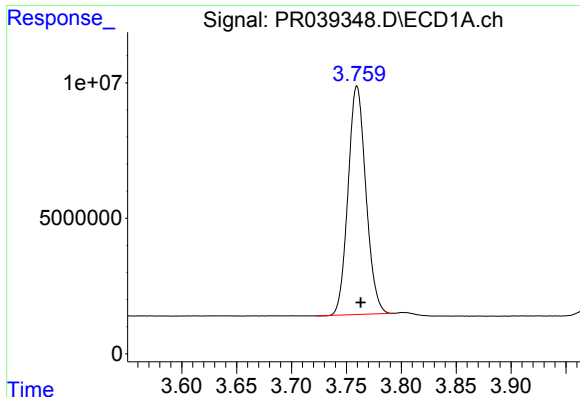
Instrument :
 ECD_R
 ClientSampleId :
 13773

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 04:05:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071519.M
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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
42) L9	AR-1268-2	7.669	8.901	99034163	160.6E6	199.938	109.466 #
44) L9	AR-1268-4	8.160	9.587	33647060	115.9E6	188.342	218.777
45) L9	AR-1268-5	8.451	10.006	8967775	31822214	6.605	7.419

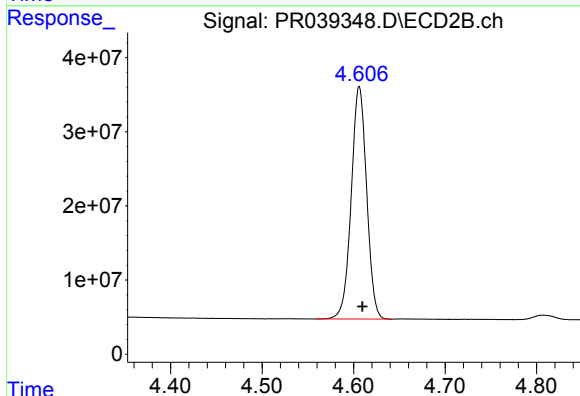
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

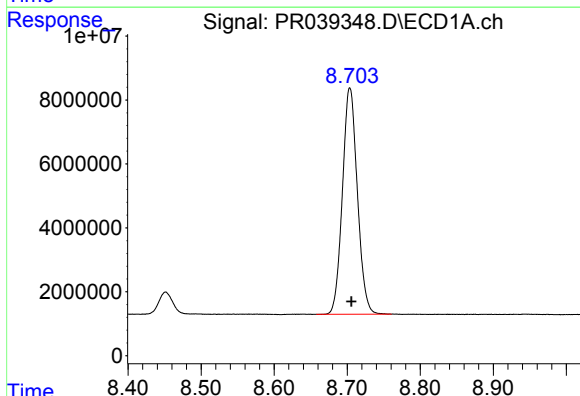
R.T.: 3.760 min
Delta R.T.: -0.003 min
Response: 95418834
Conc: 61.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



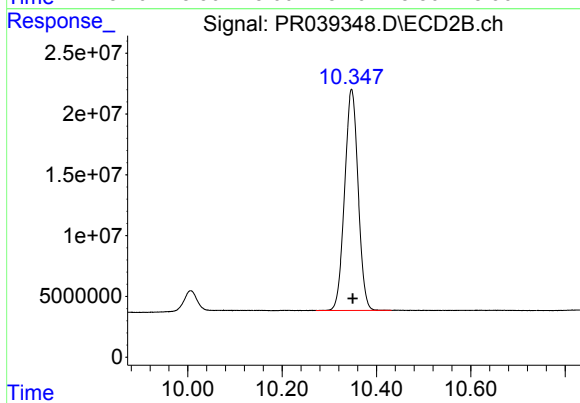
#1 Tetrachloro-m-xylene

R.T.: 4.606 min
Delta R.T.: -0.004 min
Response: 367204377
Conc: 56.78 ng/ml



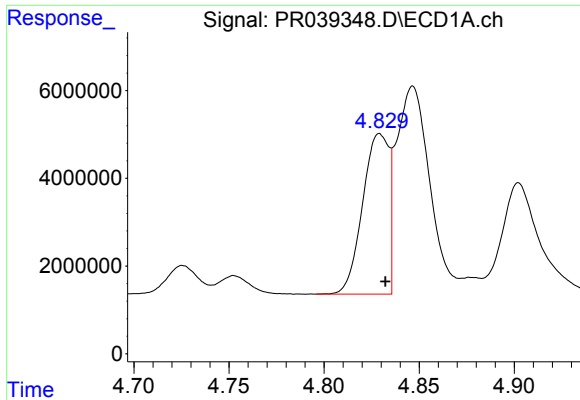
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 100722502
Conc: 41.19 ng/ml



#2 Decachlorobiphenyl

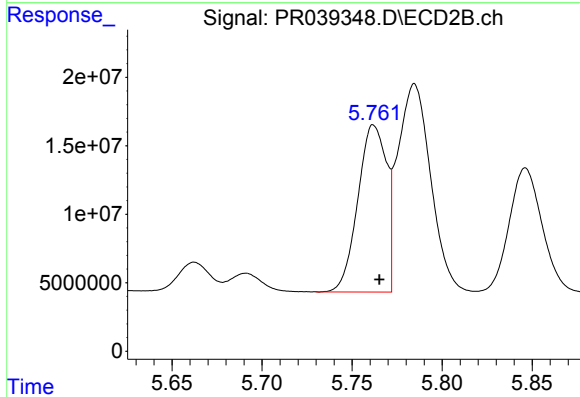
R.T.: 10.347 min
Delta R.T.: -0.002 min
Response: 360492767
Conc: 42.12 ng/ml



#3 AR-1016-1

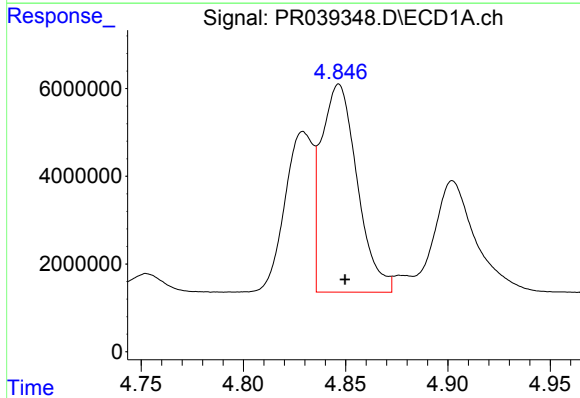
R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 35087394
Conc: 583.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



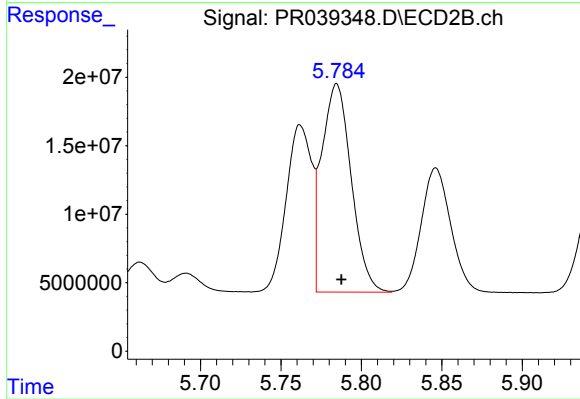
#3 AR-1016-1

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 134852654
Conc: 539.10 ng/ml



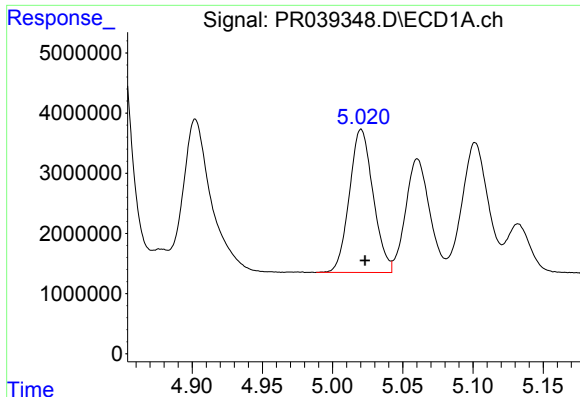
#4 AR-1016-2

R.T.: 4.847 min
Delta R.T.: -0.003 min
Response: 57859795
Conc: 589.01 ng/ml



#4 AR-1016-2

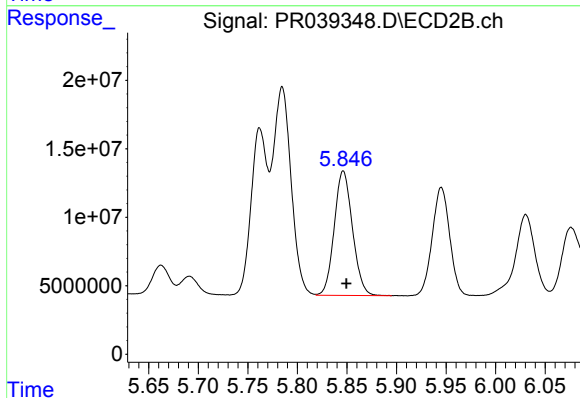
R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 193492466
Conc: 530.33 ng/ml



#5 AR-1016-3

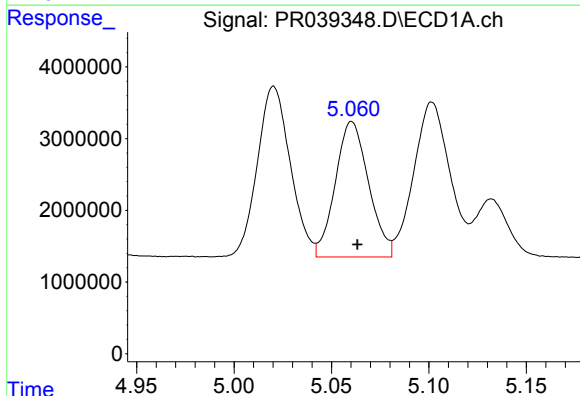
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 28023249
Conc: 564.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



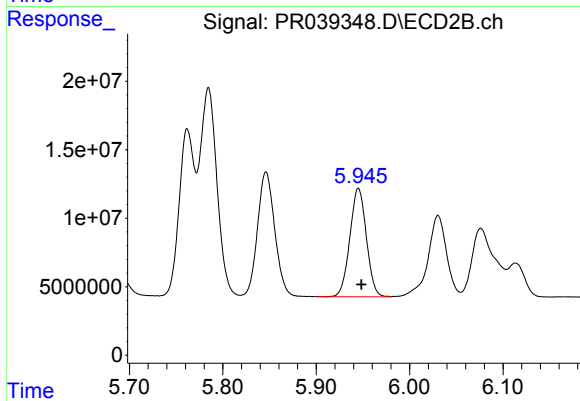
#5 AR-1016-3

R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 116339640
Conc: 528.52 ng/ml



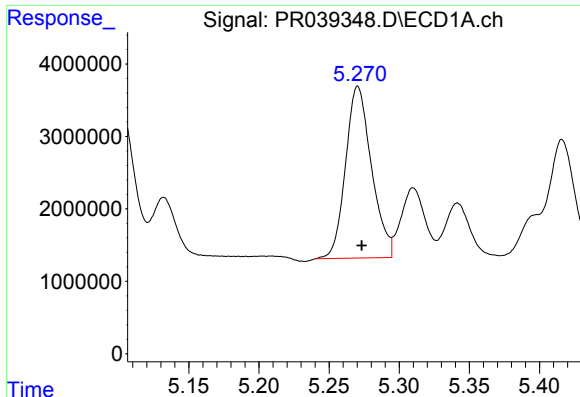
#6 AR-1016-4

R.T.: 5.060 min
Delta R.T.: -0.003 min
Response: 22439109
Conc: 561.20 ng/ml



#6 AR-1016-4

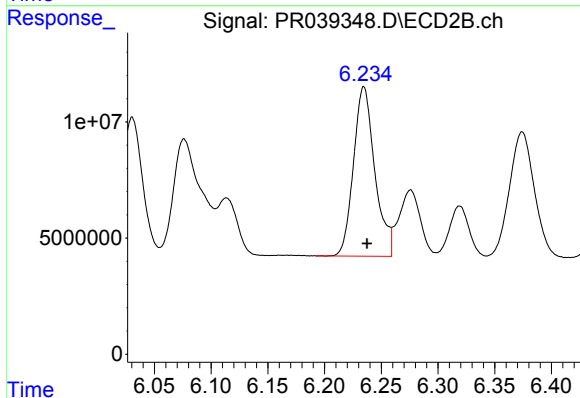
R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 97181421
Conc: 519.49 ng/ml



#7 AR-1016-5

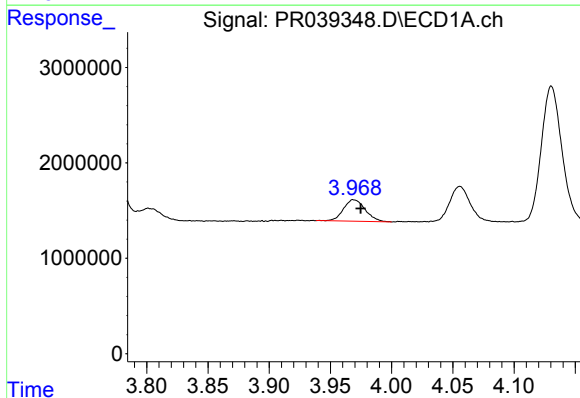
R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 30465035
Conc: 560.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



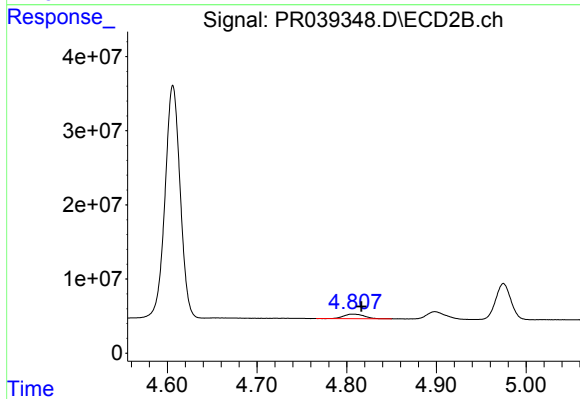
#7 AR-1016-5

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 95503022
Conc: 520.33 ng/ml



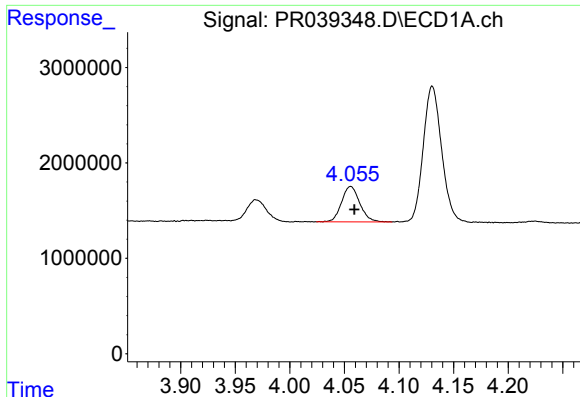
#8 AR-1221-1

R.T.: 3.969 min
Delta R.T.: -0.006 min
Response: 2788326
Conc: 178.58 ng/ml



#8 AR-1221-1

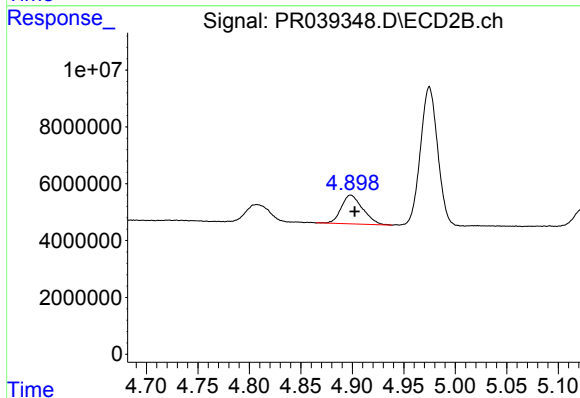
R.T.: 4.807 min
Delta R.T.: -0.009 min
Response: 9613878
Conc: 162.10 ng/ml



#9 AR-1221-2

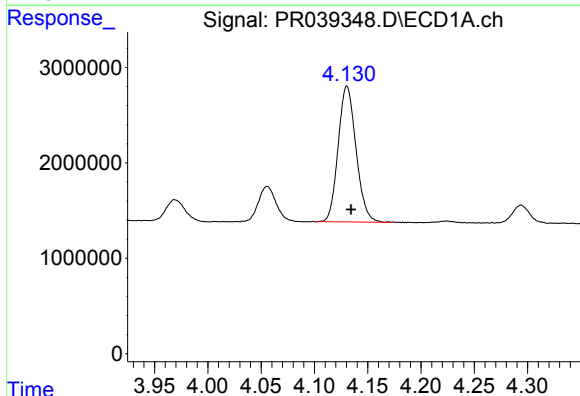
R.T.: 4.056 min
Delta R.T.: -0.003 min
Response: 4286550
Conc: 337.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



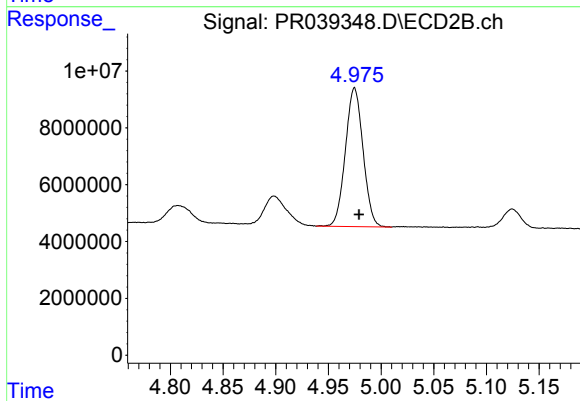
#9 AR-1221-2

R.T.: 4.898 min
Delta R.T.: -0.004 min
Response: 14661837
Conc: 317.32 ng/ml



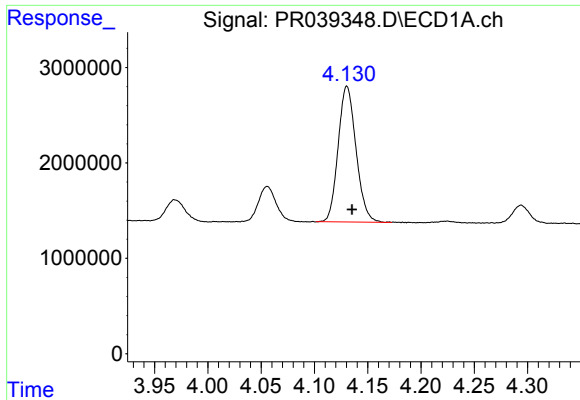
#10 AR-1221-3

R.T.: 4.130 min
Delta R.T.: -0.004 min
Response: 16602959
Conc: 419.12 ng/ml



#10 AR-1221-3

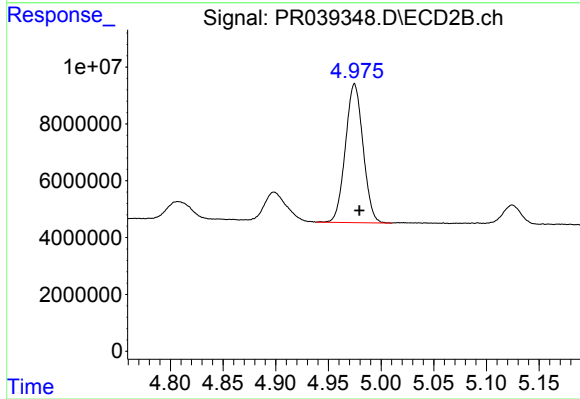
R.T.: 4.975 min
Delta R.T.: -0.004 min
Response: 56998794
Conc: 378.09 ng/ml



#11 AR-1232-1

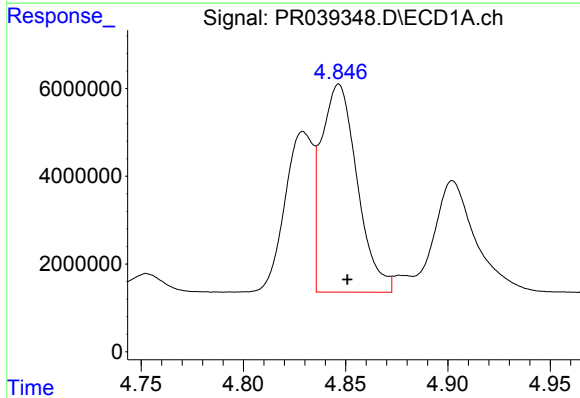
R.T.: 4.130 min
Delta R.T.: -0.005 min
Response: 16602959
Conc: 559.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



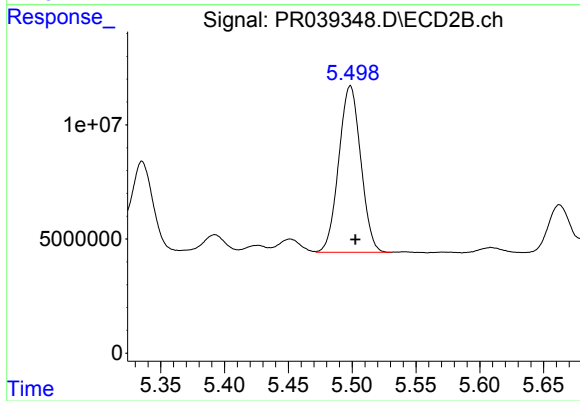
#11 AR-1232-1

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 56998794
Conc: 518.47 ng/ml



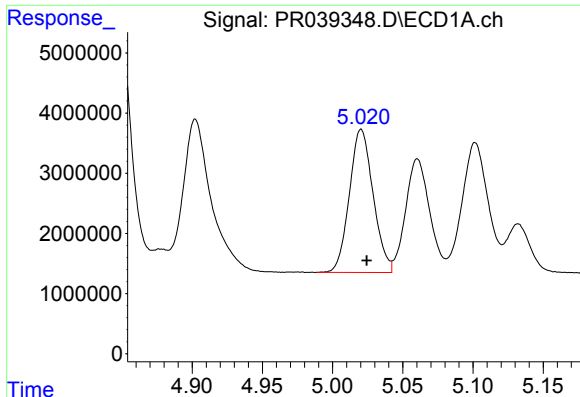
#12 AR-1232-2

R.T.: 4.847 min
Delta R.T.: -0.004 min
Response: 57859795
Conc: 1567.42 ng/ml



#12 AR-1232-2

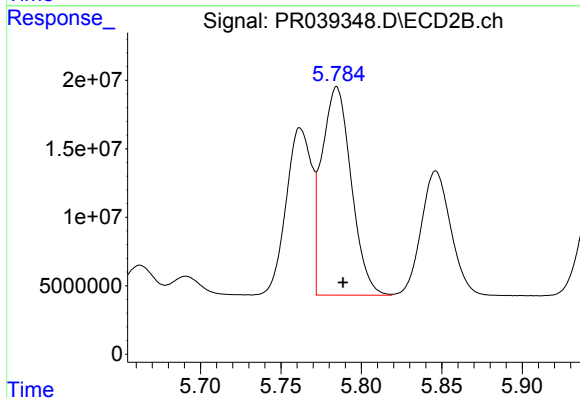
R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 87364385
Conc: 1457.58 ng/ml



#13 AR-1232-3

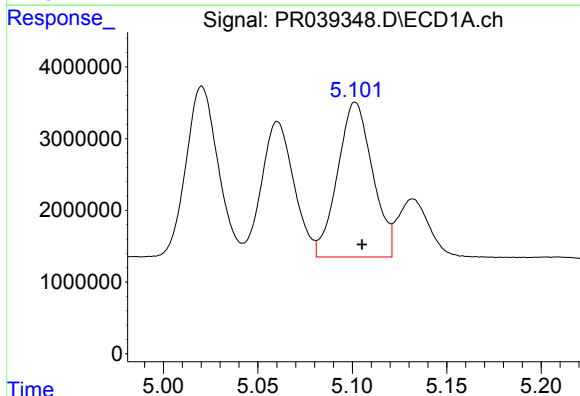
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 28023249
Conc: 1534.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



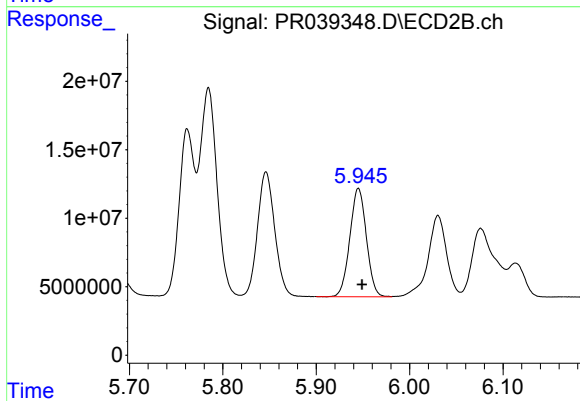
#13 AR-1232-3

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 193492466
Conc: 1491.94 ng/ml



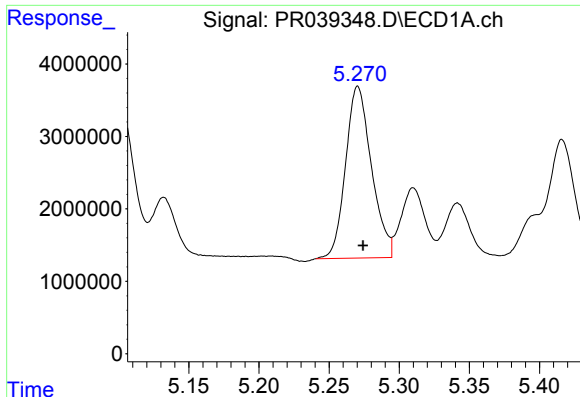
#14 AR-1232-4

R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 27818606
Conc: 1745.96 ng/ml



#14 AR-1232-4

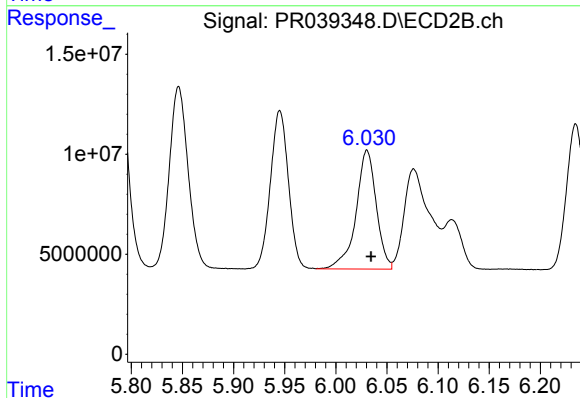
R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 97181421
Conc: 1451.10 ng/ml



#15 AR-1232-5

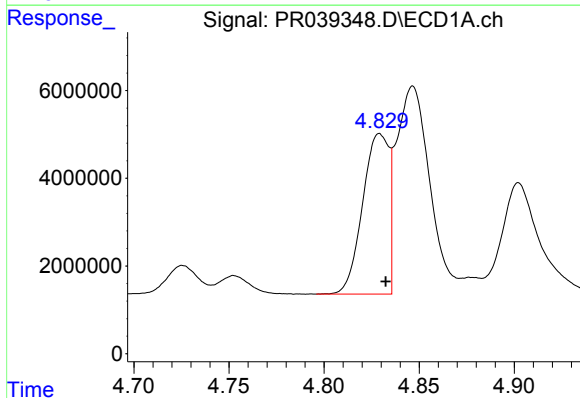
R.T.: 5.271 min
Delta R.T.: -0.004 min
Response: 30465035
Conc: 1690.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



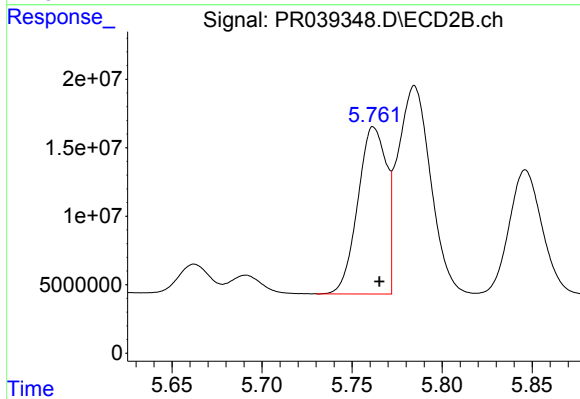
#15 AR-1232-5

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 81952744
Conc: 1798.21 ng/ml



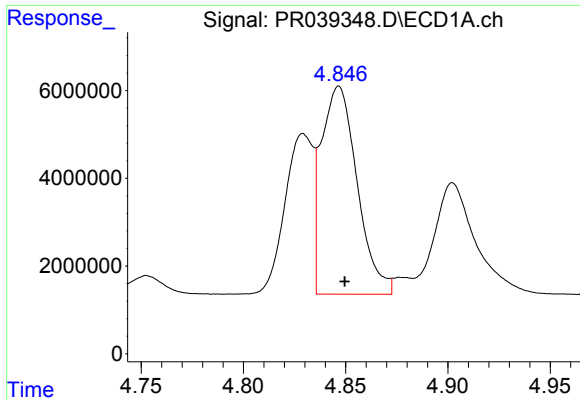
#16 AR-1242-1

R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 35087394
Conc: 664.08 ng/ml



#16 AR-1242-1

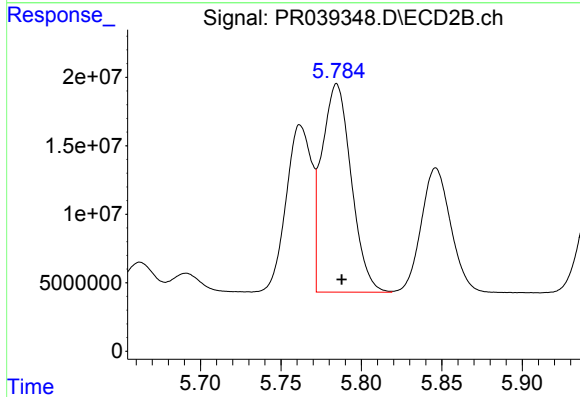
R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 134852654
Conc: 627.59 ng/ml



#17 AR-1242-2

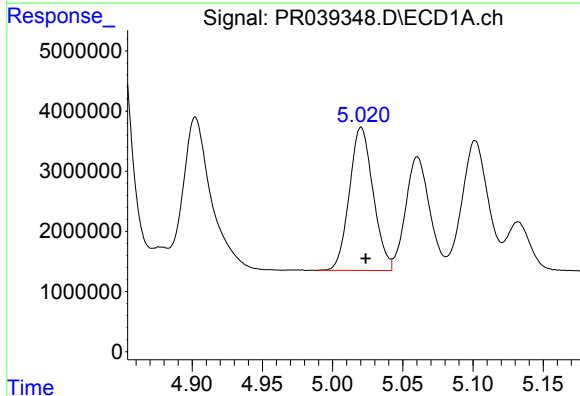
R.T.: 4.847 min
Delta R.T.: -0.003 min
Response: 57859795
Conc: 663.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



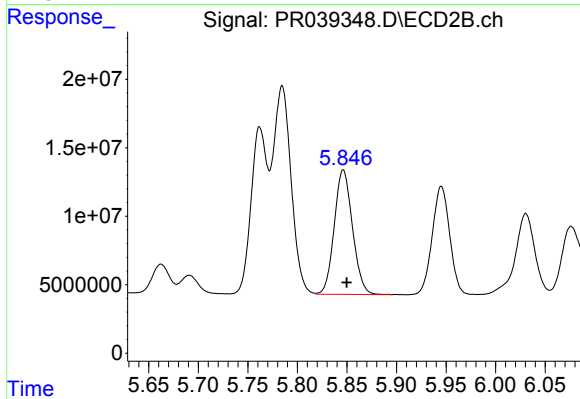
#17 AR-1242-2

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 193492466
Conc: 619.03 ng/ml



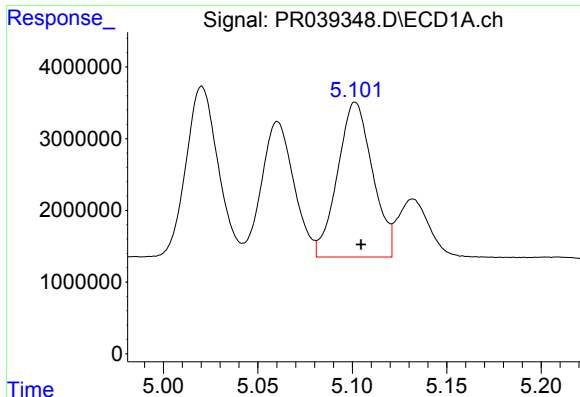
#18 AR-1242-3

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 28023249
Conc: 643.82 ng/ml



#18 AR-1242-3

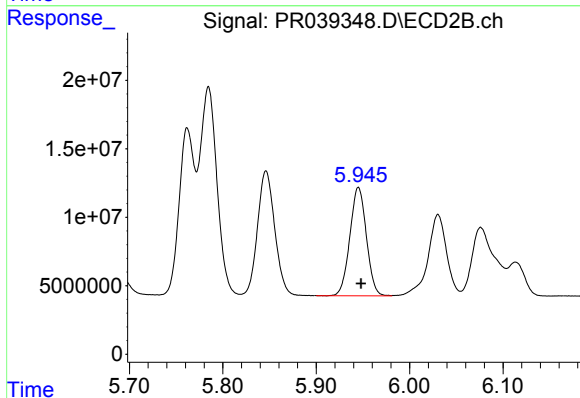
R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 116339640
Conc: 610.36 ng/ml



#19 AR-1242-4

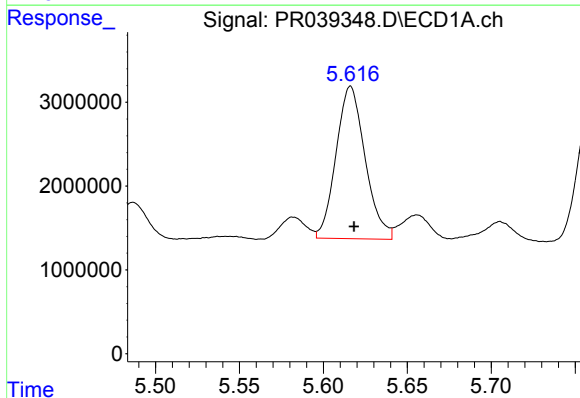
R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 27818606
Conc: 646.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



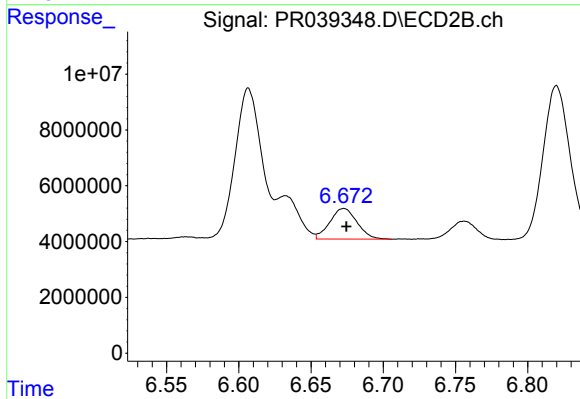
#19 AR-1242-4

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 97181421
Conc: 605.54 ng/ml



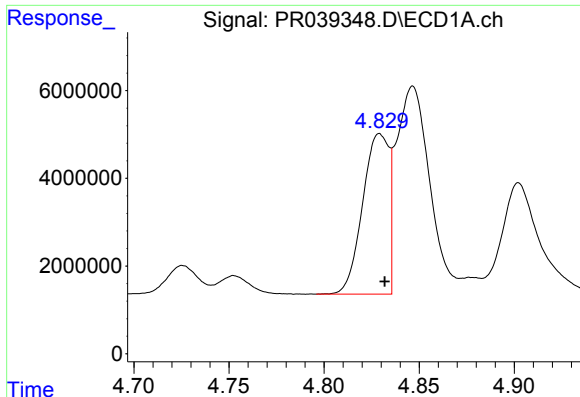
#20 AR-1242-5

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 21930021
Conc: 350.95 ng/ml



#20 AR-1242-5

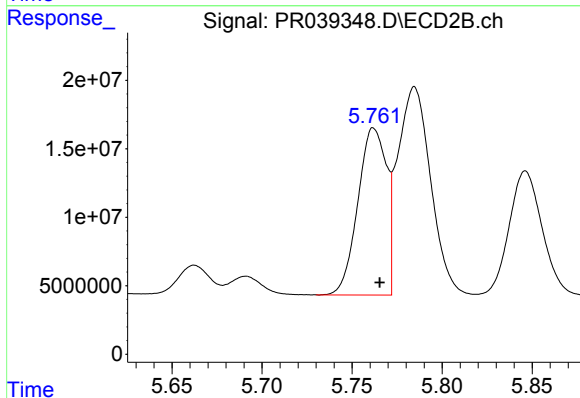
R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 14406536
Conc: 76.40 ng/ml



#21 AR-1248-1

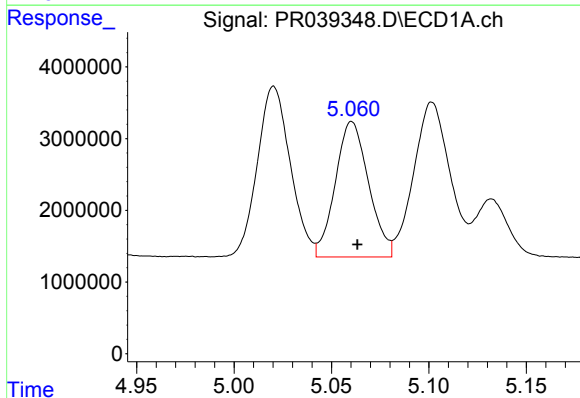
R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 35087394
Conc: 810.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



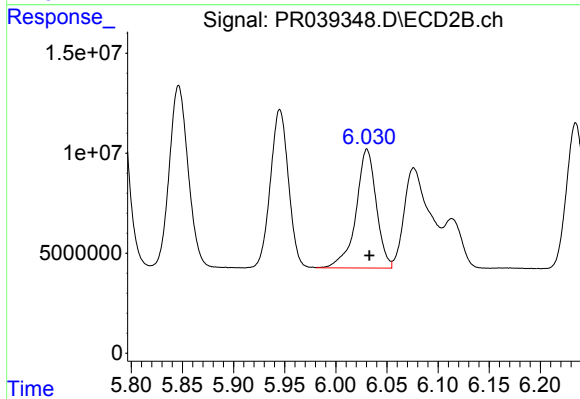
#21 AR-1248-1

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 134852654
Conc: 788.77 ng/ml



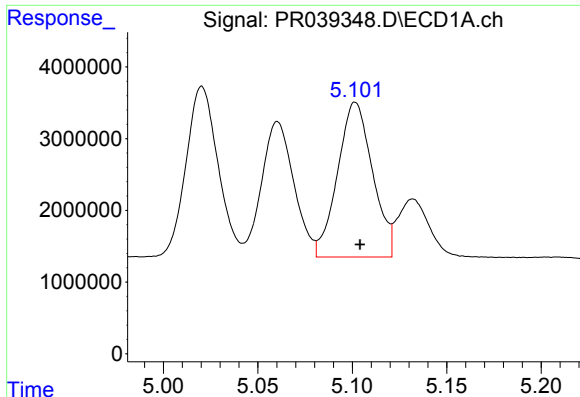
#22 AR-1248-2

R.T.: 5.060 min
Delta R.T.: -0.003 min
Response: 22439109
Conc: 357.72 ng/ml



#22 AR-1248-2

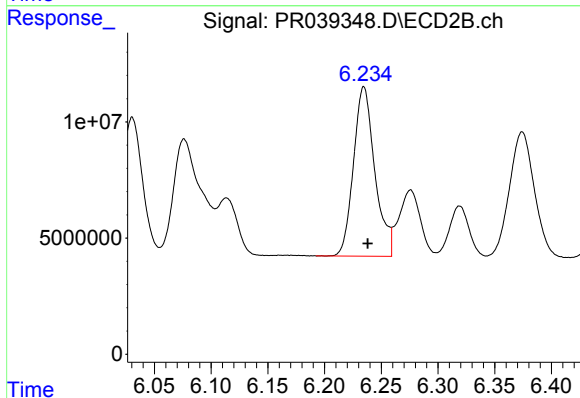
R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 81952744
Conc: 348.94 ng/ml



#23 AR-1248-3

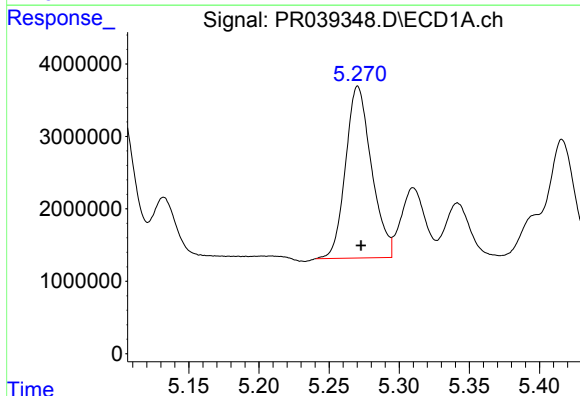
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 27818606
Conc: 426.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



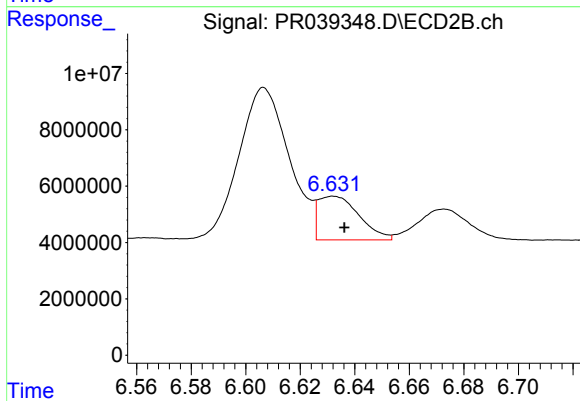
#23 AR-1248-3

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 95503022
Conc: 345.56 ng/ml



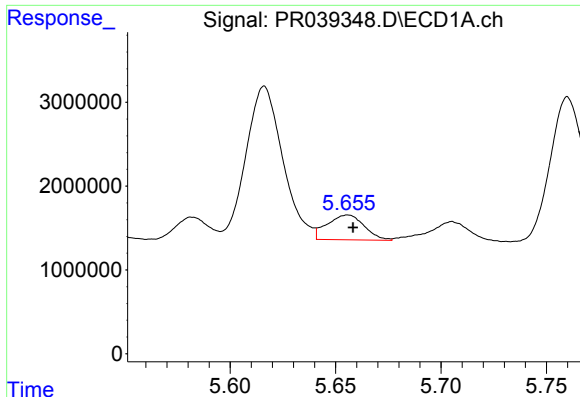
#24 AR-1248-4

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 30465035
Conc: 371.63 ng/ml



#24 AR-1248-4

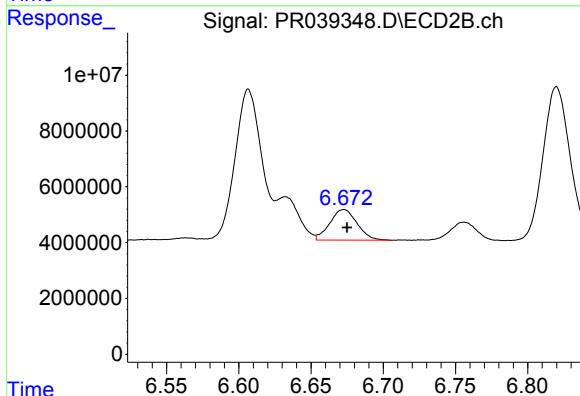
R.T.: 6.632 min
Delta R.T.: -0.004 min
Response: 16232975
Conc: 48.37 ng/ml



#25 AR-1248-5

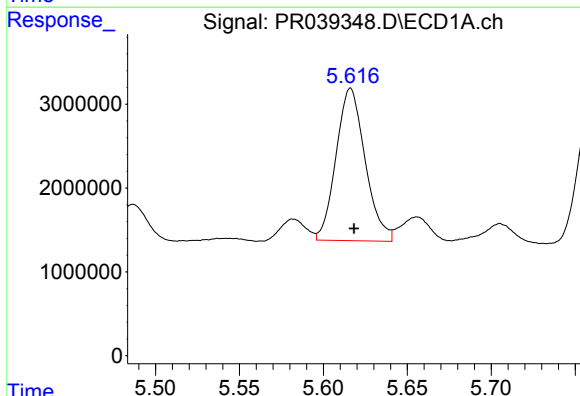
R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 3628476
Conc: 41.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



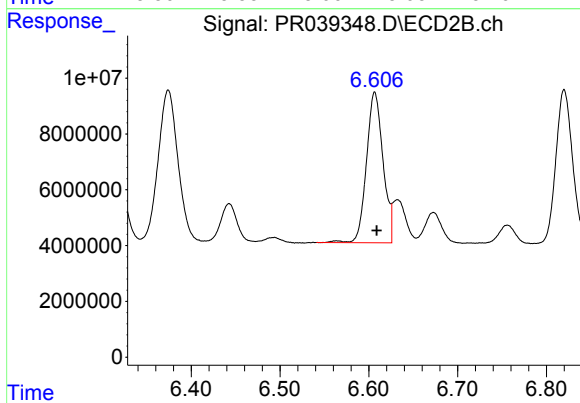
#25 AR-1248-5

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 14406536
Conc: 44.88 ng/ml



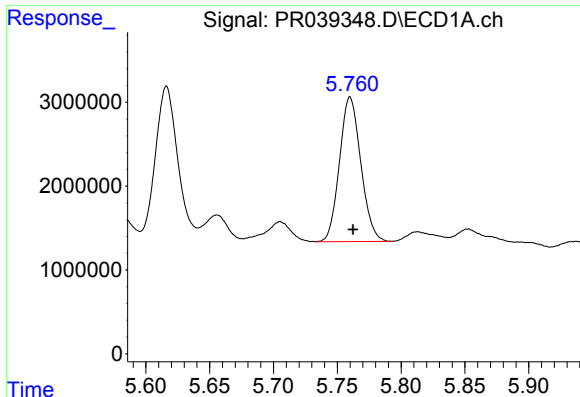
#26 AR-1254-1

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 21930021
Conc: 165.81 ng/ml



#26 AR-1254-1

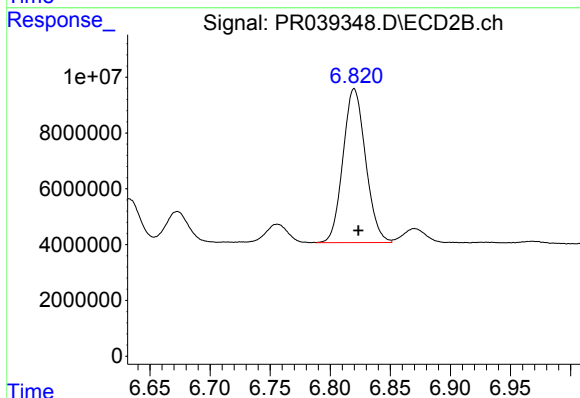
R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 70117610
Conc: 218.98 ng/ml



#27 AR-1254-2

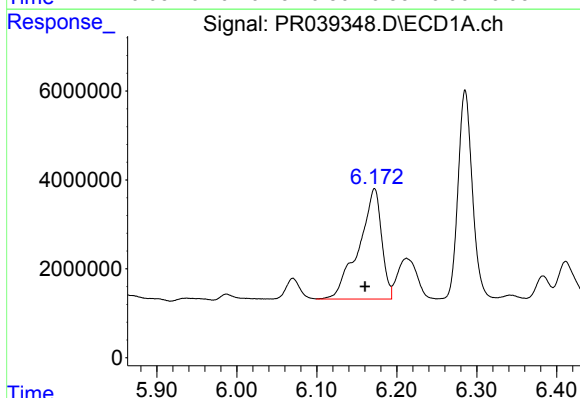
R.T.: 5.760 min
Delta R.T.: -0.002 min
Response: 20072484
Conc: 171.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



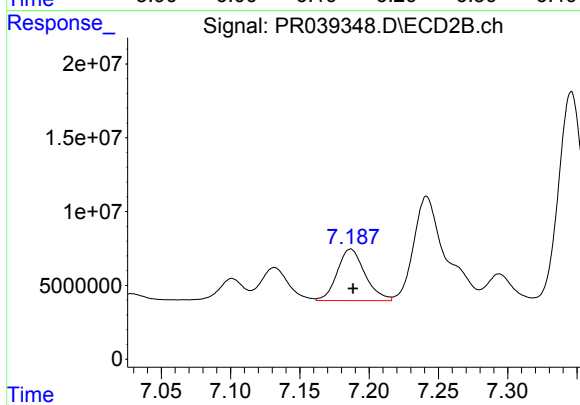
#27 AR-1254-2

R.T.: 6.820 min
Delta R.T.: -0.003 min
Response: 72202373
Conc: 141.10 ng/ml



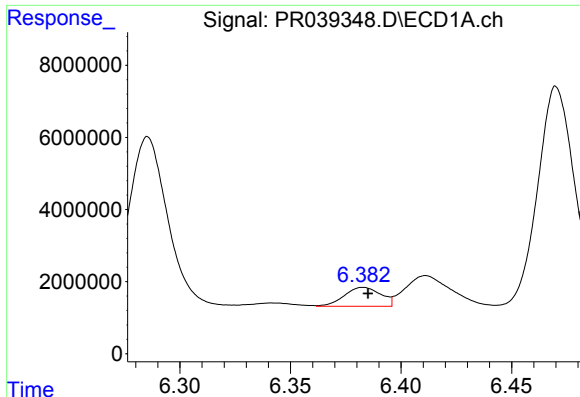
#28 AR-1254-3

R.T.: 6.172 min
Delta R.T.: 0.012 min
Response: 49525132
Conc: 239.68 ng/ml



#28 AR-1254-3

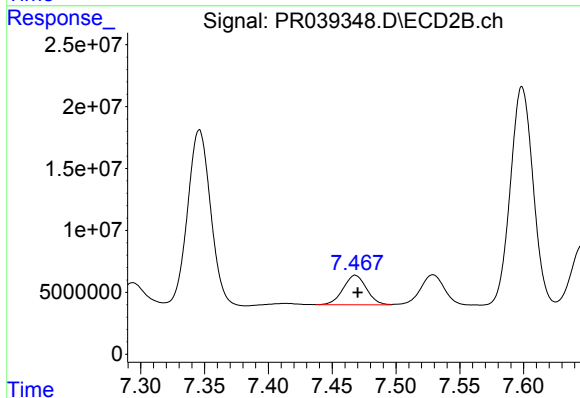
R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 48767031
Conc: 81.26 ng/ml



#29 AR-1254-4

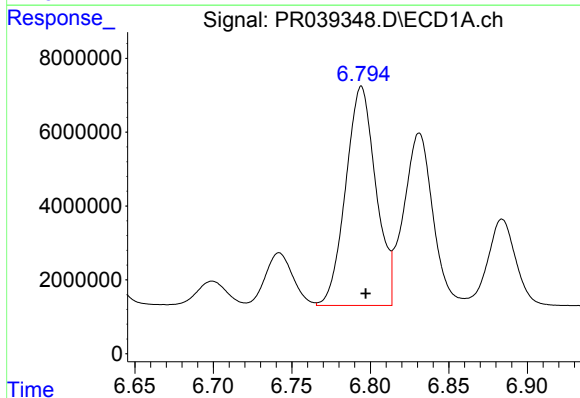
R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 6041693
Conc: 39.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



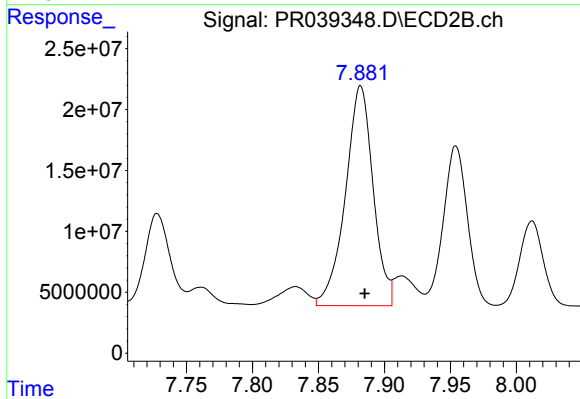
#29 AR-1254-4

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 30329307
Conc: 70.08 ng/ml



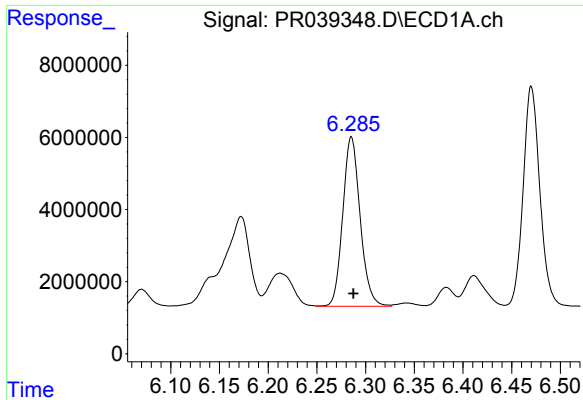
#30 AR-1254-5

R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 79425984
Conc: 426.34 ng/ml



#30 AR-1254-5

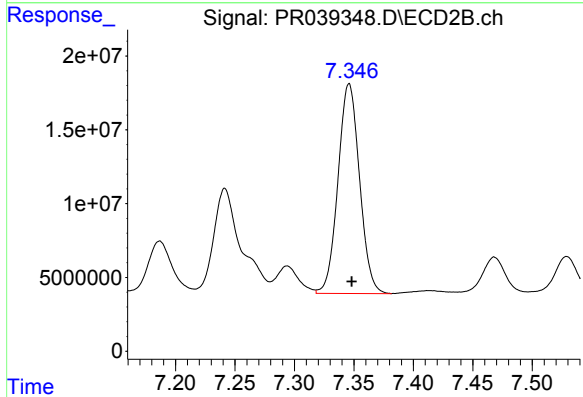
R.T.: 7.882 min
Delta R.T.: -0.003 min
Response: 263821987
Conc: 561.36 ng/ml



#31 AR-1260-1

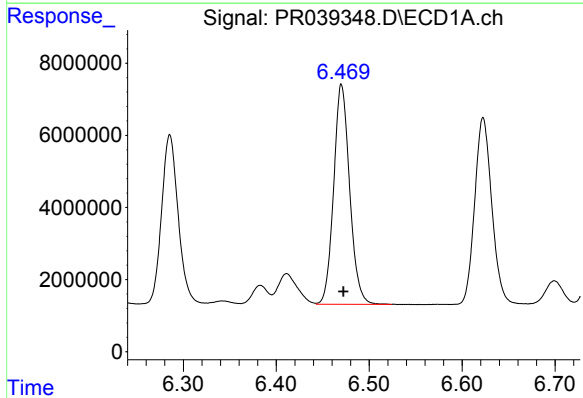
R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 58372542
Conc: 509.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



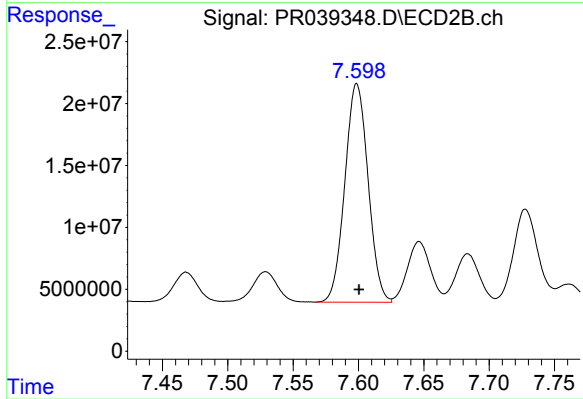
#31 AR-1260-1

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 179100156
Conc: 493.21 ng/ml



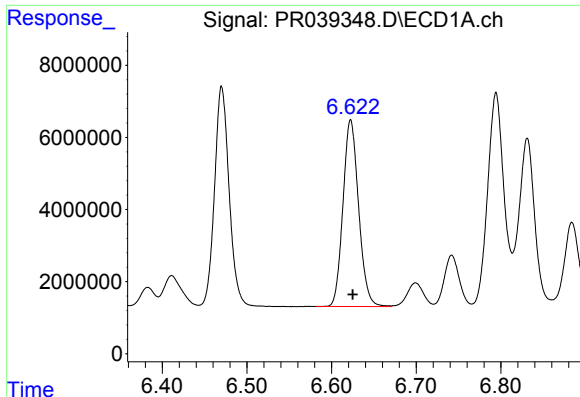
#32 AR-1260-2

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 72894473
Conc: 483.35 ng/ml



#32 AR-1260-2

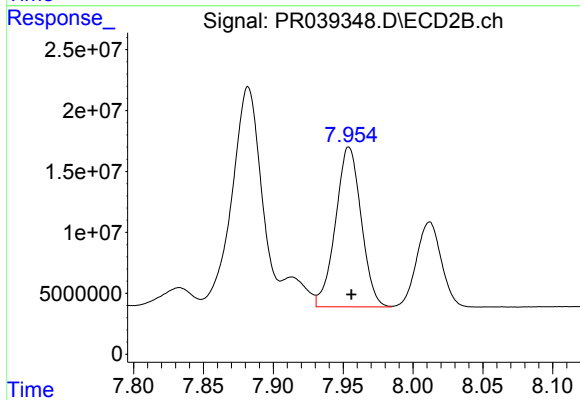
R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 218280374
Conc: 499.04 ng/ml



#33 AR-1260-3

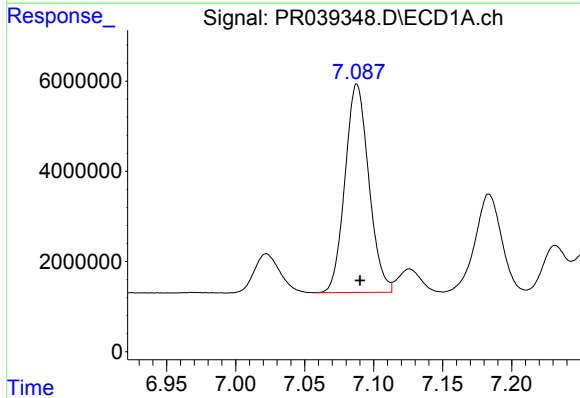
R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 66408153
Conc: 493.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



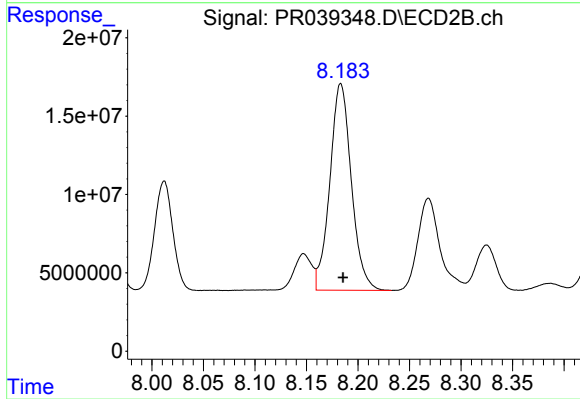
#33 AR-1260-3

R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 167718713
Conc: 494.19 ng/ml



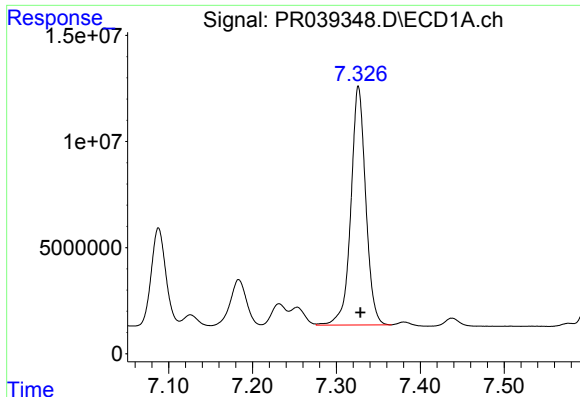
#34 AR-1260-4

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 55527609
Conc: 463.93 ng/ml



#34 AR-1260-4

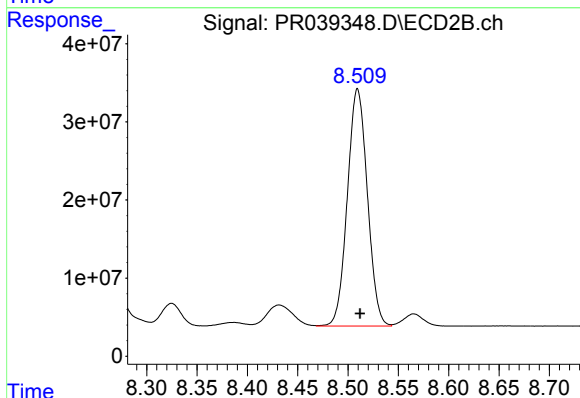
R.T.: 8.183 min
Delta R.T.: -0.002 min
Response: 191617519
Conc: 471.53 ng/ml



#35 AR-1260-5

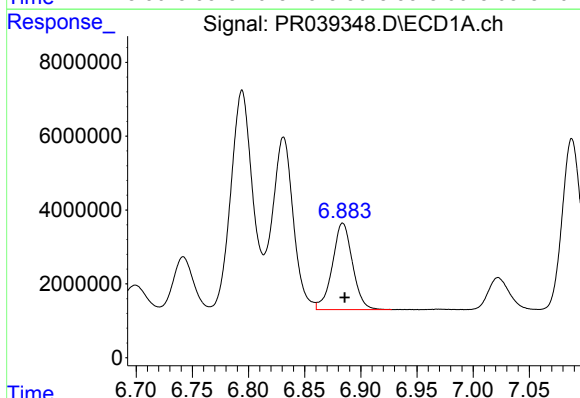
R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 138140633
Conc: 459.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



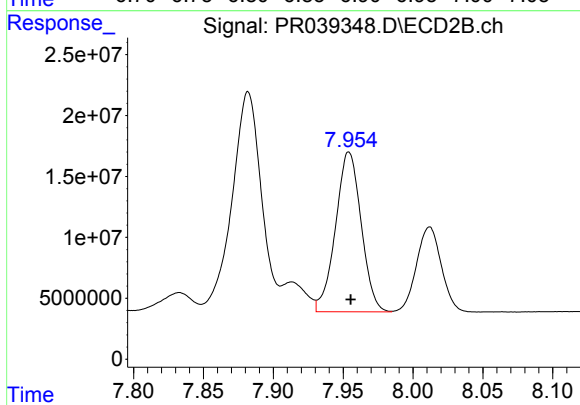
#35 AR-1260-5

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 420391812
Conc: 491.60 ng/ml



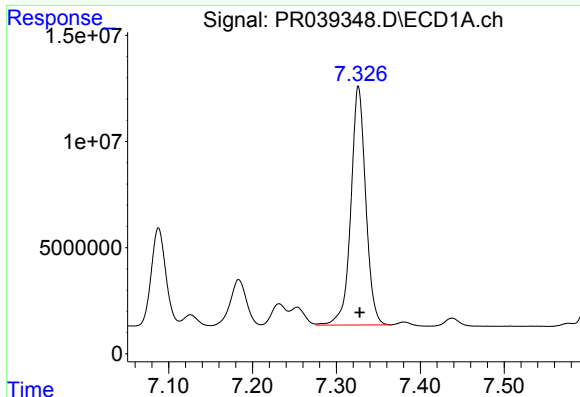
#36 AR-1262-1

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 29206306
Conc: 308.10 ng/ml



#36 AR-1262-1

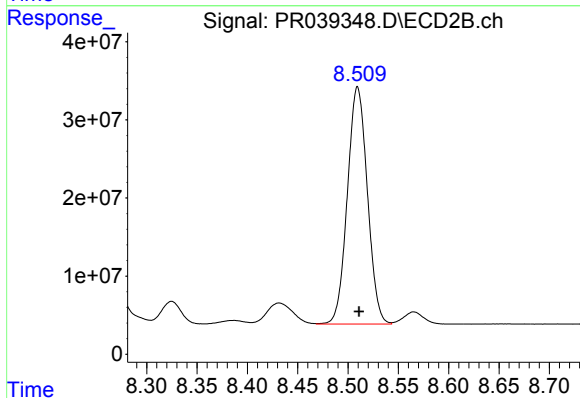
R.T.: 7.954 min
Delta R.T.: -0.001 min
Response: 167718713
Conc: 241.51 ng/ml



#37 AR-1262-2

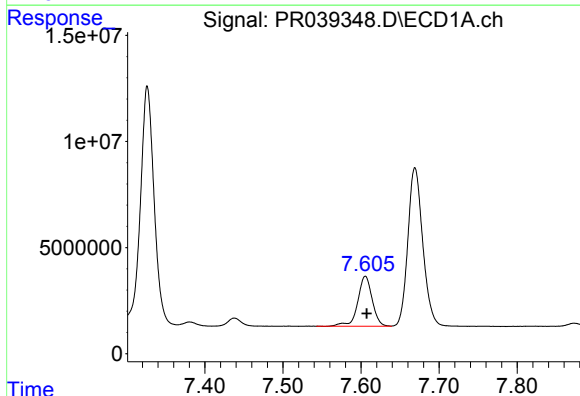
R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 138140633
Conc: 283.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



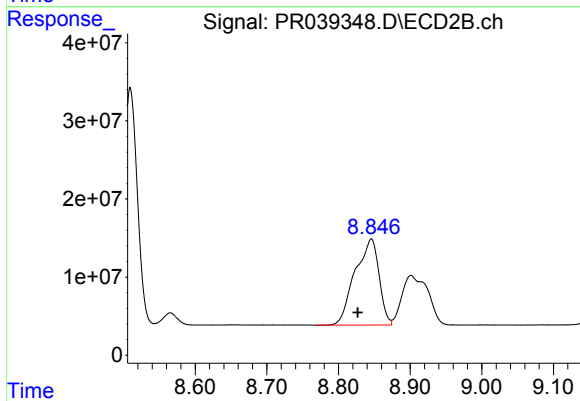
#37 AR-1262-2

R.T.: 8.509 min
Delta R.T.: -0.001 min
Response: 420391812
Conc: 306.69 ng/ml



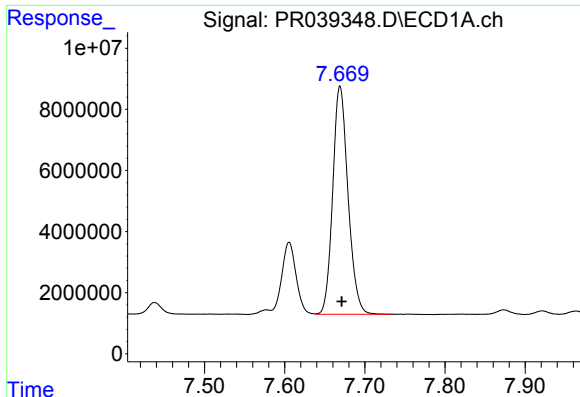
#38 AR-1262-3

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 30312178
Conc: 166.90 ng/ml



#38 AR-1262-3

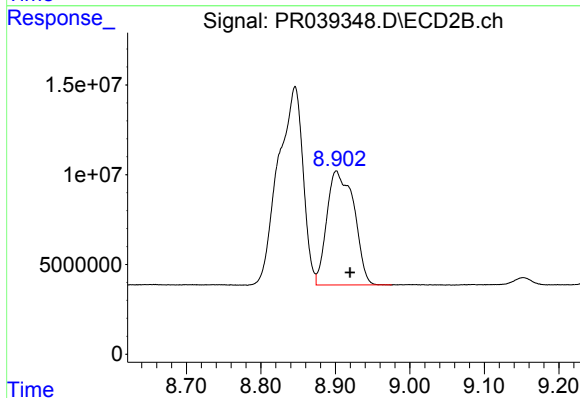
R.T.: 8.846 min
Delta R.T.: 0.019 min
Response: 256547024
Conc: 284.80 ng/ml



#39 AR-1262-4

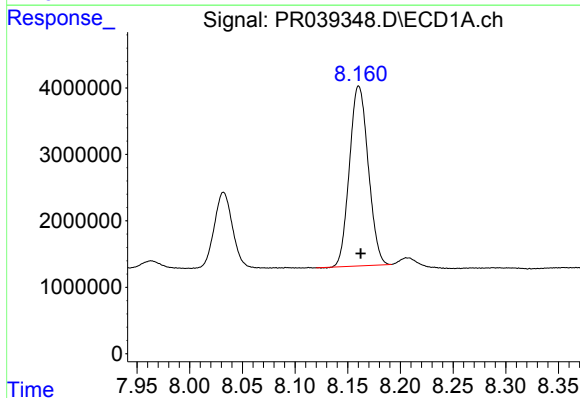
R.T.: 7.669 min
Delta R.T.: -0.002 min
Response: 99034163
Conc: 278.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



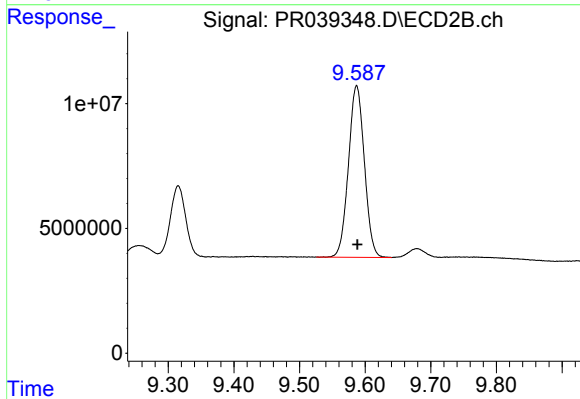
#39 AR-1262-4

R.T.: 8.901 min
Delta R.T.: -0.019 min
Response: 160576548
Conc: 239.17 ng/ml



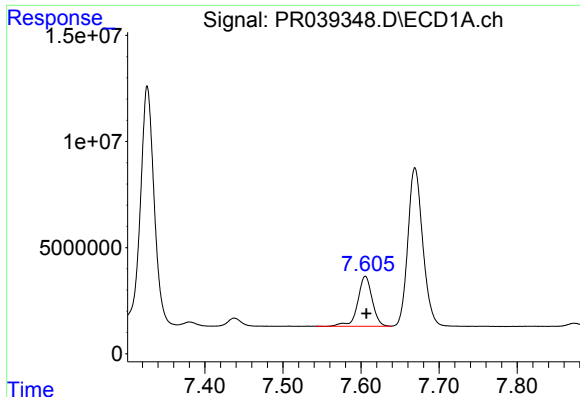
#40 AR-1262-5

R.T.: 8.160 min
Delta R.T.: -0.002 min
Response: 33647060
Conc: 206.32 ng/ml



#40 AR-1262-5

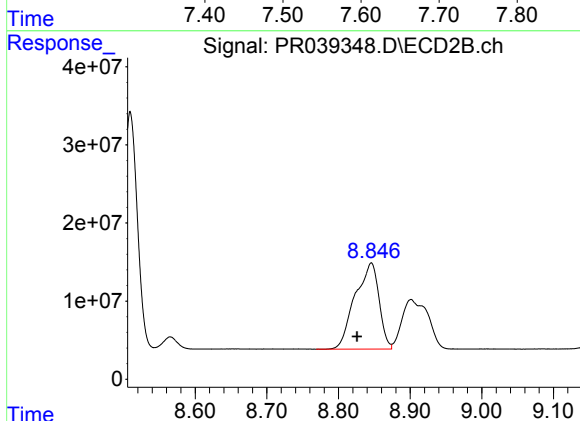
R.T.: 9.587 min
Delta R.T.: -0.002 min
Response: 115910669
Conc: 236.78 ng/ml



#41 AR-1268-1

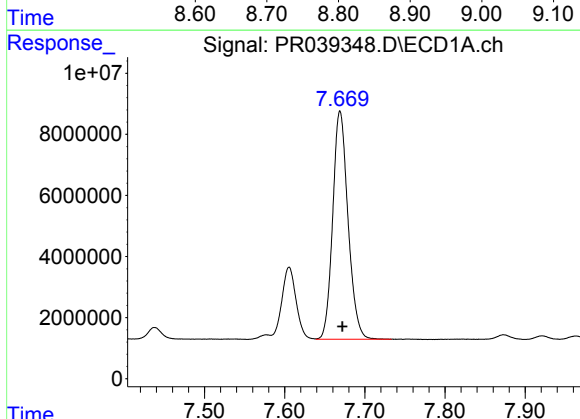
R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 30312178
Conc: 56.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



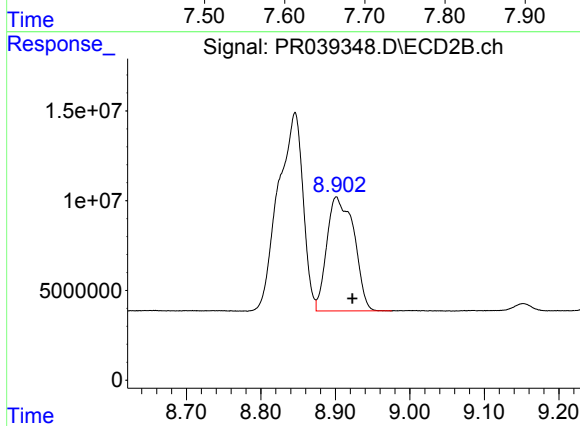
#41 AR-1268-1

R.T.: 8.846 min
Delta R.T.: 0.020 min
Response: 256547024
Conc: 162.81 ng/ml



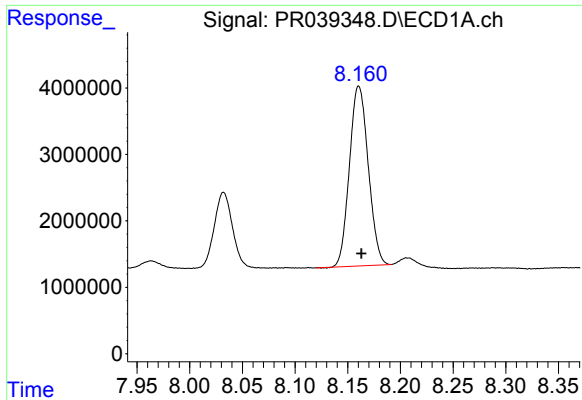
#42 AR-1268-2

R.T.: 7.669 min
Delta R.T.: -0.003 min
Response: 99034163
Conc: 199.94 ng/ml



#42 AR-1268-2

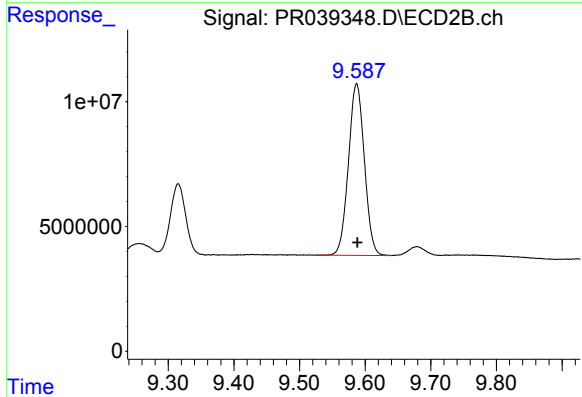
R.T.: 8.901 min
Delta R.T.: -0.022 min
Response: 160576548
Conc: 109.47 ng/ml



#44 AR-1268-4

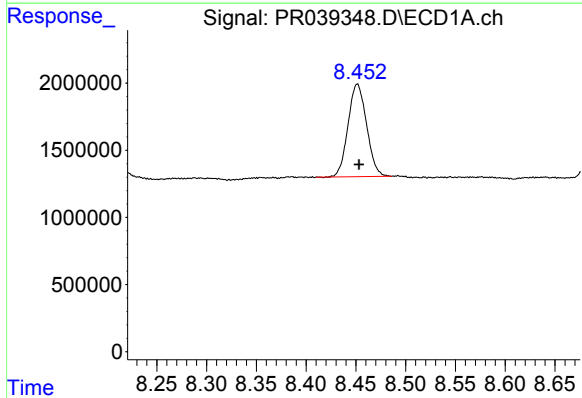
R.T.: 8.160 min
Delta R.T.: -0.002 min
Response: 33647060
Conc: 188.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
13773



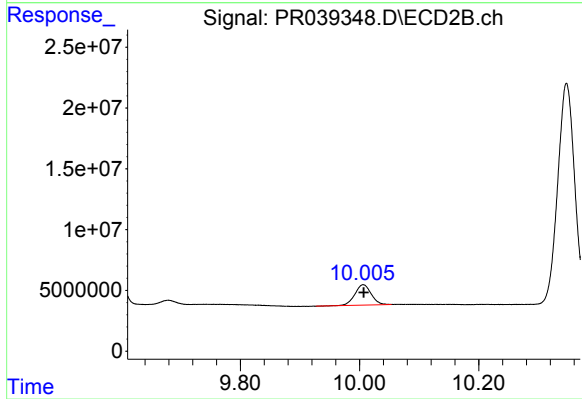
#44 AR-1268-4

R.T.: 9.587 min
Delta R.T.: -0.001 min
Response: 115910669
Conc: 218.78 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 8967775
Conc: 6.60 ng/ml



#45 AR-1268-5

R.T.: 10.006 min
Delta R.T.: 0.000 min
Response: 31822214
Conc: 7.42 ng/ml