

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070219\
 Data File : PR039030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2019 17:30
 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 03 01:13:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 01 17:21:12 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...	3.764	4.609	90290562	306.8E6	52.707	48.120
2)	SA Decachlor...	8.712	10.354	106.4E6	345.2E6	46.003	44.695
Target Compounds							
3)	L1 AR-1016-1	4.834	5.765	35014152	120.0E6	505.845	480.755
4)	L1 AR-1016-2	4.851	5.788	58145566	172.6E6	521.793	480.243
5)	L1 AR-1016-3	5.025	5.850	27490630	98964098	535.973	461.682
6)	L1 AR-1016-4	5.066	5.949	22359561	78823037	532.357	455.754
7)	L1 AR-1016-5	5.276	6.238	33789237	81591343	586.970	467.703
8)	L2 AR-1221-1	3.974	4.809	2682839	8524083	162.753	149.785
9)	L2 AR-1221-2	4.060	4.902	4031148	13132762	318.867	304.534
10)	L2 AR-1221-3	4.135	4.977	15819190	50866782	387.562	364.837
11)	L3 AR-1232-1	4.135	4.977	15819190	50866782	462.843	440.779
12)	L3 AR-1232-2	4.851	5.501	58145566	75984020	1385.473	1267.757
13)	L3 AR-1232-3	5.025	5.788	27490630	172.6E6	1456.555	1287.555
14)	L3 AR-1232-4	5.107	5.949	27614675	78823037	1551.799	1235.608
15)	L3 AR-1232-5	5.276	6.034	33789237	73234199	1711.448	1531.028
16)	L4 AR-1242-1	4.834	5.765	35014152	120.0E6	634.163	594.231
17)	L4 AR-1242-2	4.851	5.788	58145566	172.6E6	647.854	604.307
18)	L4 AR-1242-3	5.025	5.850	27490630	98964098	646.914	572.112
19)	L4 AR-1242-4	5.107	5.949	27614675	78823037	643.202	558.211
20)	L4 AR-1242-5	5.622	6.676	26629910	13492800	443.559	81.869 #
21)	L5 AR-1248-1	4.834	5.765	35014152	120.0E6	785.855	778.250
22)	L5 AR-1248-2	5.066	6.034	22359561	73234199	373.733	359.272
23)	L5 AR-1248-3	5.107	6.238	27614675	81591343	439.134	346.448
24)	L5 AR-1248-4	5.276	6.636	33789237	15309472	431.859	53.063 #
25)	L5 AR-1248-5	5.660	6.676	7126797	13492800	85.097	49.284 #
26)	L6 AR-1254-1	5.622	6.610	26629910	65917338	255.493	290.343
27)	L6 AR-1254-2	5.766	6.824	25566541	60932077	280.303	170.156 #
28)	L6 AR-1254-3	6.177	7.190	49628602	40759636	315.728	99.733 #
29)	L6 AR-1254-4	6.389	7.471	6015740	30769368	57.691	98.913 #
30)	L6 AR-1254-5	6.800	7.886	81637807	218.2E6	573.321	657.274
31)	L7 AR-1260-1	6.292	7.350	58764156	150.1E6	500.305	458.319
32)	L7 AR-1260-2	6.476	7.603	74619376	184.1E6	500.442	457.905
33)	L7 AR-1260-3	6.629	7.959	67605760	139.5E6	497.935	447.387
34)	L7 AR-1260-4	7.095	8.188	57194059	160.7E6	487.544	444.462
35)	L7 AR-1260-5	7.333	8.514	143.5E6	348.4E6	484.398	456.334
36)	L8 AR-1262-1	6.891	7.959	29955588	139.5E6	415.579	284.333 #
37)	L8 AR-1262-2	7.333	8.514	143.5E6	348.4E6	395.717	364.735
38)	L8 AR-1262-3	7.612	8.850	29836800	220.1E6	221.930	357.802 #
39)	L8 AR-1262-4	7.676	8.905	100.5E6	138.3E6	386.205	298.019
40)	L8 AR-1262-5	8.168	9.593	34651858	104.8E6	283.769	298.274
41)	L9 AR-1268-1	7.612	8.850	29836800	220.1E6	78.180	213.174 #

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 Acq On : 02 Jul 2019 17:30
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

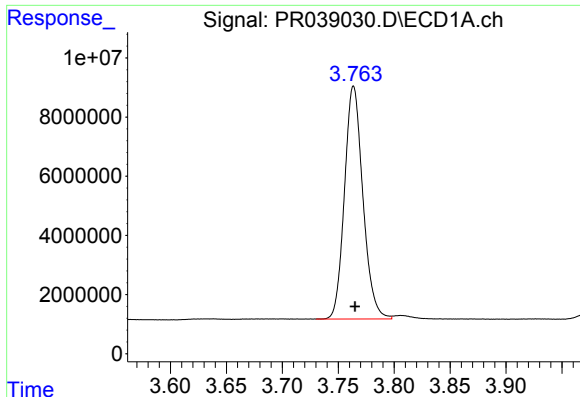
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:13:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070119.M
 Quant Title : GC EXTRACTABLES
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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	7.676	8.905	100.5E6	138.3E6	285.397	142.593 #
43) L9	AR-1268-3	7.881	9.155	1542925	10438549	5.419	13.025 #
44) L9	AR-1268-4	8.168	9.593	34651858	104.8E6	275.650	287.583
45) L9	AR-1268-5	8.459	10.013	9055891	30543396	9.341	10.261

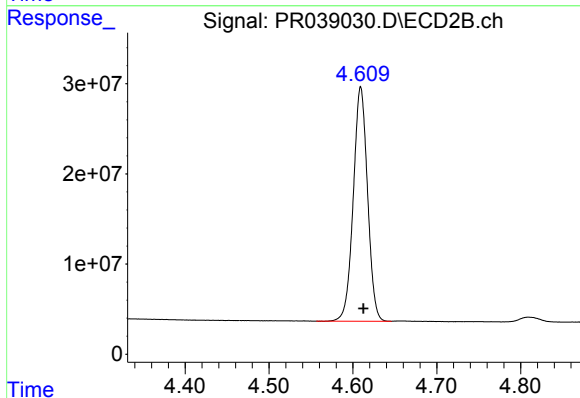
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

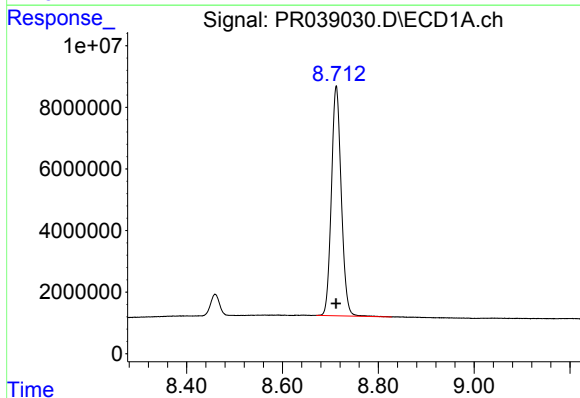
R.T.: 3.764 min
Delta R.T.: -0.001 min
Response: 90290562
Conc: 52.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



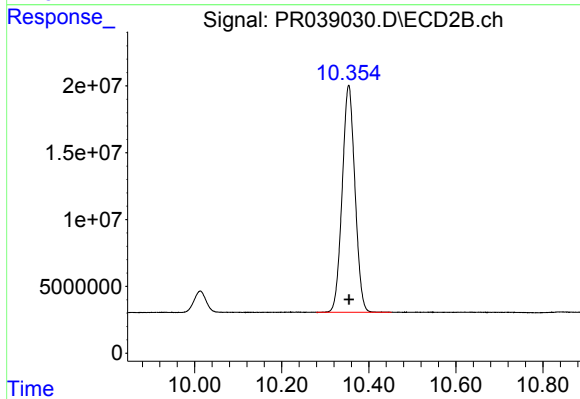
#1 Tetrachloro-m-xylene

R.T.: 4.609 min
Delta R.T.: -0.003 min
Response: 306762701
Conc: 48.12 ng/ml



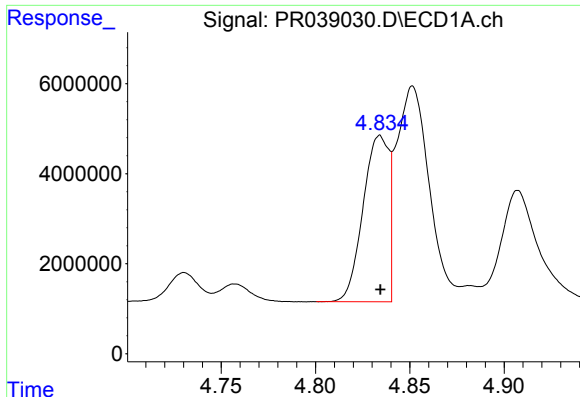
#2 Decachlorobiphenyl

R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 106375278
Conc: 46.00 ng/ml



#2 Decachlorobiphenyl

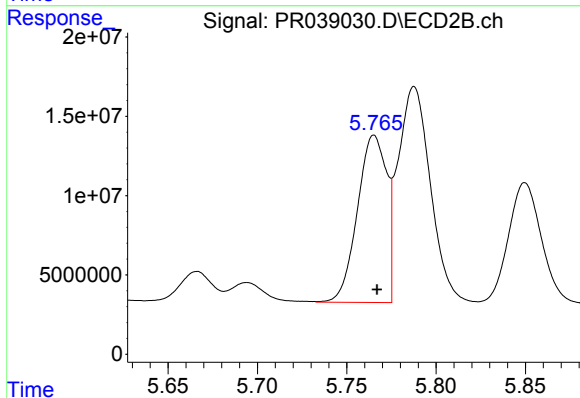
R.T.: 10.354 min
Delta R.T.: 0.000 min
Response: 345194342
Conc: 44.70 ng/ml



#3 AR-1016-1

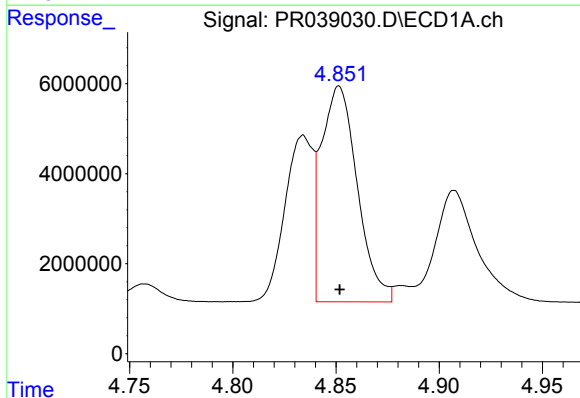
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 35014152
Conc: 505.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



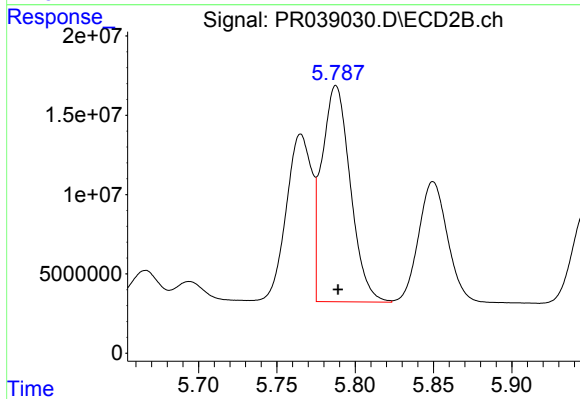
#3 AR-1016-1

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 119980202
Conc: 480.75 ng/ml



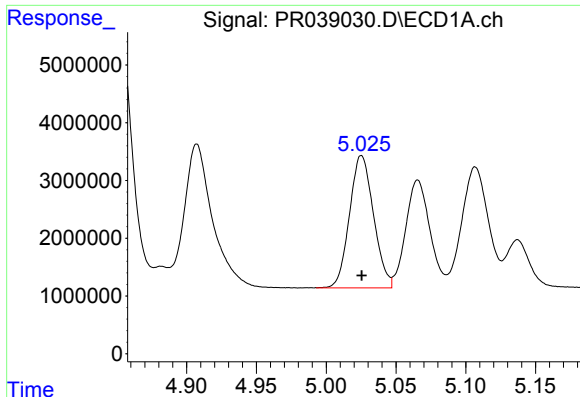
#4 AR-1016-2

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 58145566
Conc: 521.79 ng/ml



#4 AR-1016-2

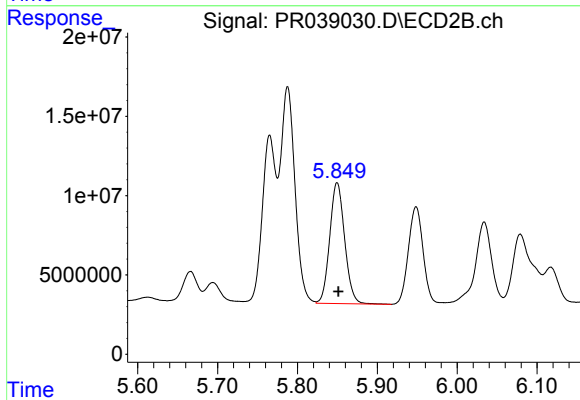
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 172624509
Conc: 480.24 ng/ml



#5 AR-1016-3

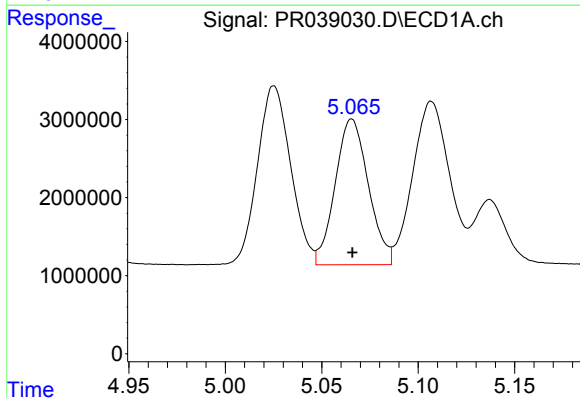
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 27490630
Conc: 535.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



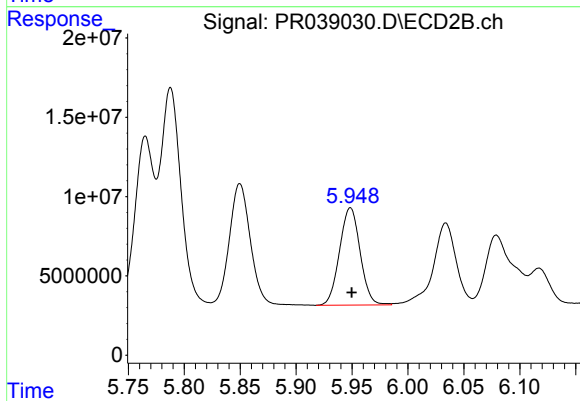
#5 AR-1016-3

R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 98964098
Conc: 461.68 ng/ml



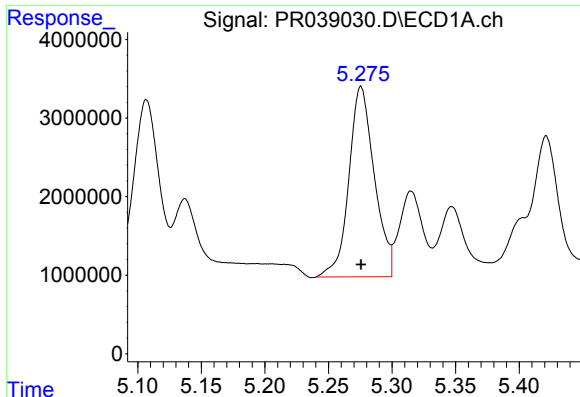
#6 AR-1016-4

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 22359561
Conc: 532.36 ng/ml



#6 AR-1016-4

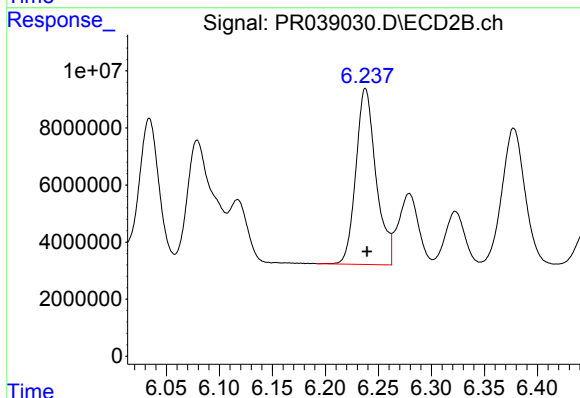
R.T.: 5.949 min
Delta R.T.: -0.001 min
Response: 78823037
Conc: 455.75 ng/ml



#7 AR-1016-5

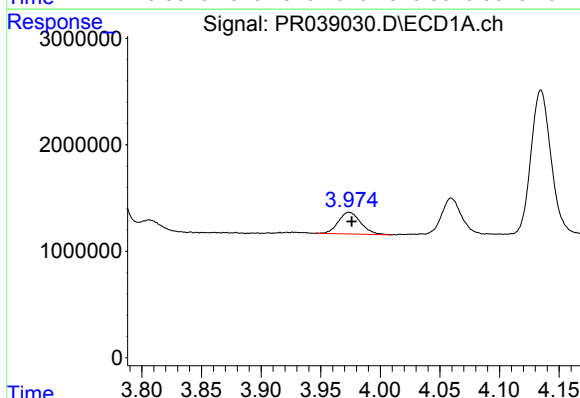
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 33789237
Conc: 586.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



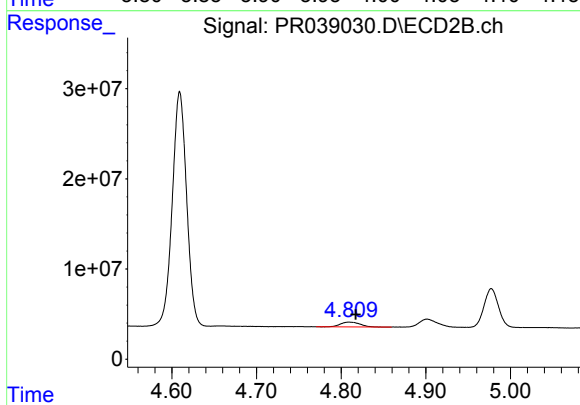
#7 AR-1016-5

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 81591343
Conc: 467.70 ng/ml



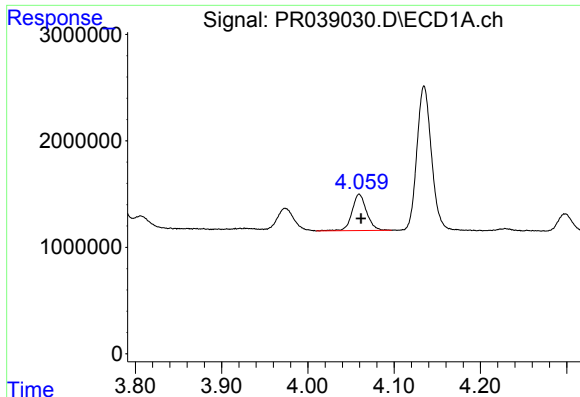
#8 AR-1221-1

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 2682839
Conc: 162.75 ng/ml



#8 AR-1221-1

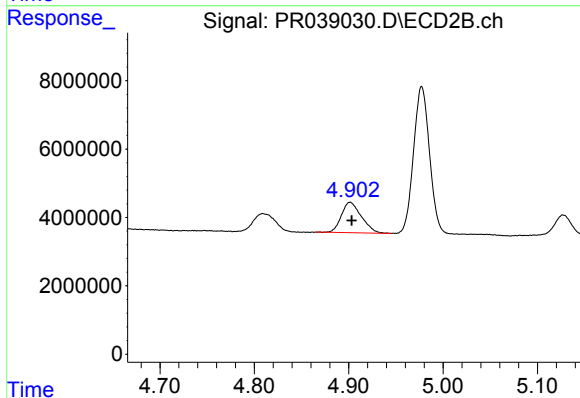
R.T.: 4.809 min
Delta R.T.: -0.008 min
Response: 8524083
Conc: 149.79 ng/ml



#9 AR-1221-2

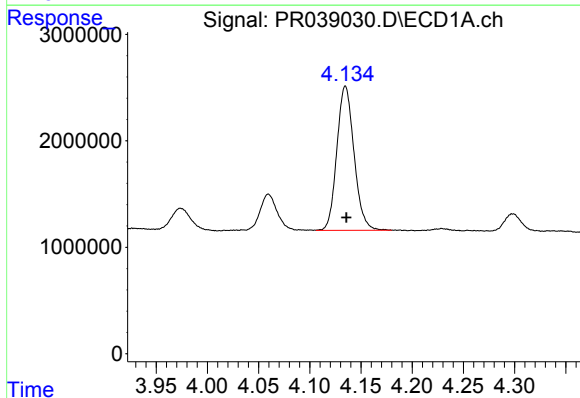
R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 4031148
Conc: 318.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



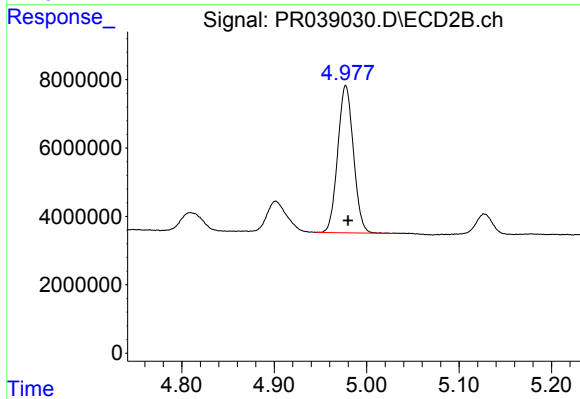
#9 AR-1221-2

R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 13132762
Conc: 304.53 ng/ml



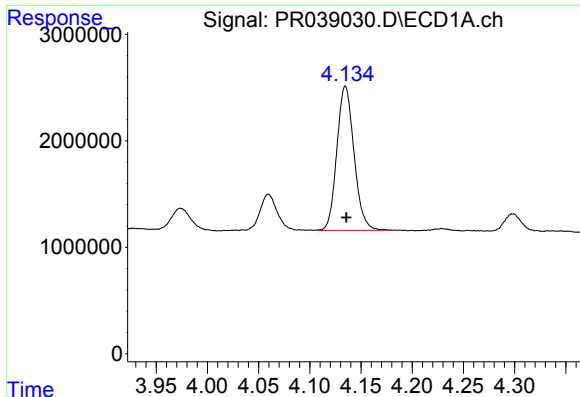
#10 AR-1221-3

R.T.: 4.135 min
Delta R.T.: -0.001 min
Response: 15819190
Conc: 387.56 ng/ml



#10 AR-1221-3

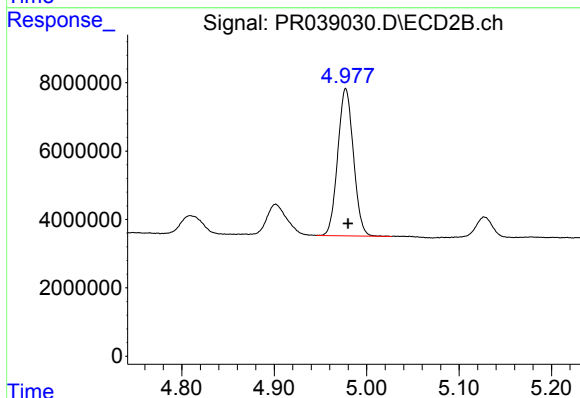
R.T.: 4.977 min
Delta R.T.: -0.002 min
Response: 50866782
Conc: 364.84 ng/ml



#11 AR-1232-1

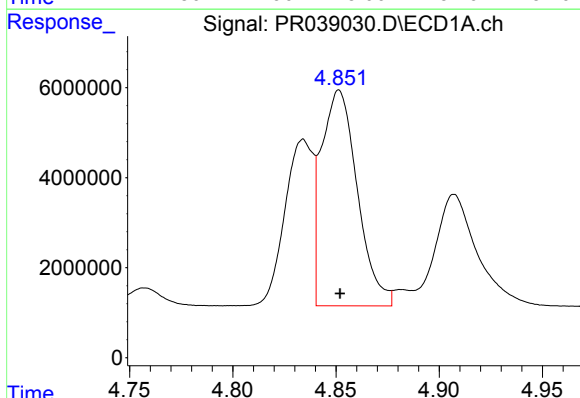
R.T.: 4.135 min
Delta R.T.: -0.001 min
Response: 15819190
Conc: 462.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



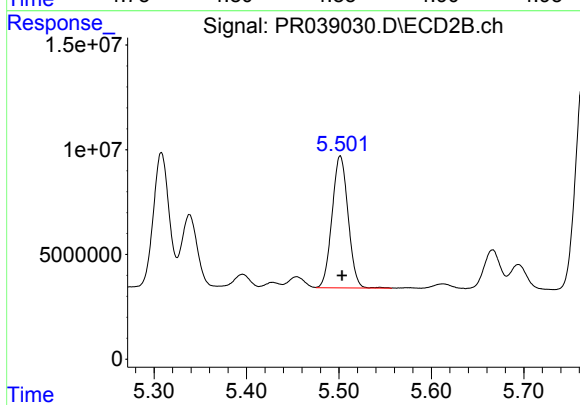
#11 AR-1232-1

R.T.: 4.977 min
Delta R.T.: -0.002 min
Response: 50866782
Conc: 440.78 ng/ml



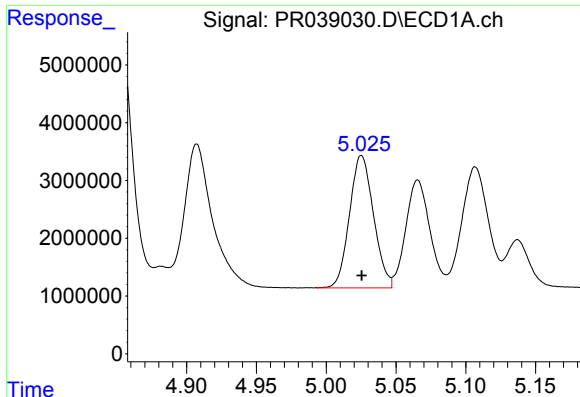
#12 AR-1232-2

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 58145566
Conc: 1385.47 ng/ml



#12 AR-1232-2

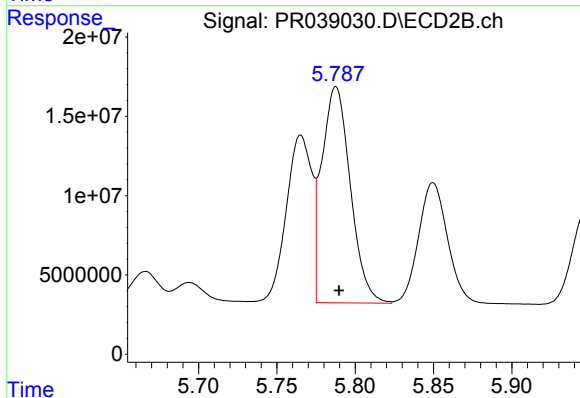
R.T.: 5.501 min
Delta R.T.: -0.002 min
Response: 75984020
Conc: 1267.76 ng/ml



#13 AR-1232-3

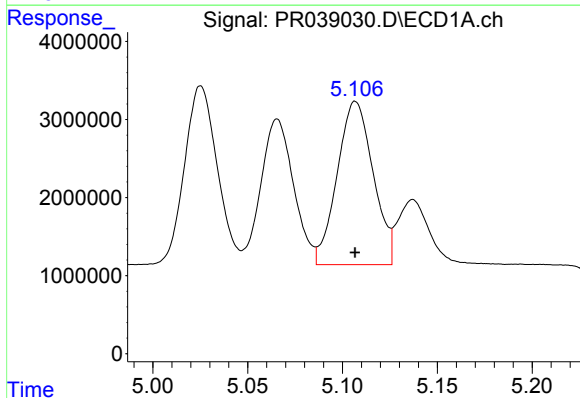
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 27490630
Conc: 1456.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



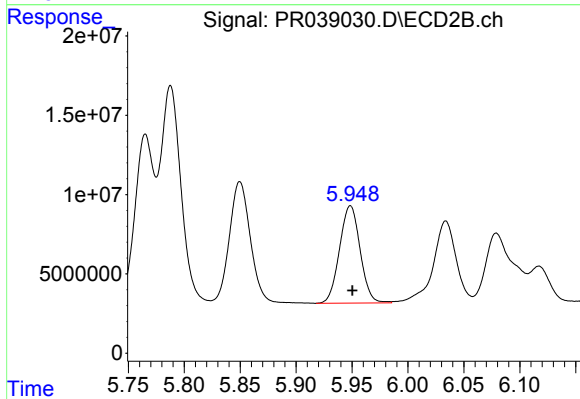
#13 AR-1232-3

R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 172624509
Conc: 1287.56 ng/ml



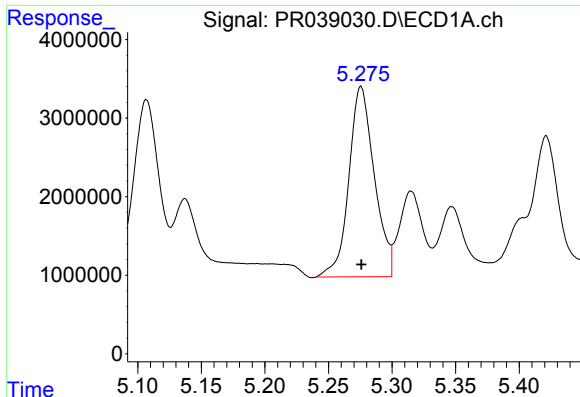
#14 AR-1232-4

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 27614675
Conc: 1551.80 ng/ml



#14 AR-1232-4

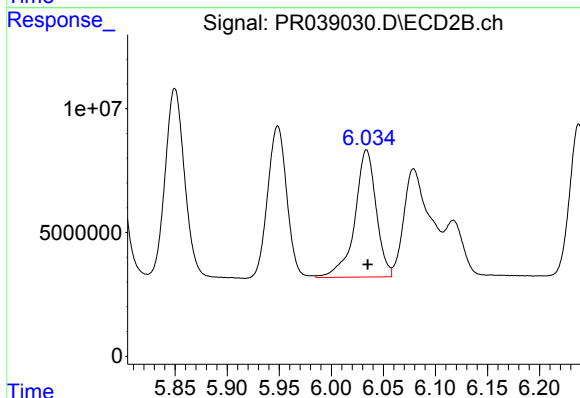
R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 78823037
Conc: 1235.61 ng/ml



#15 AR-1232-5

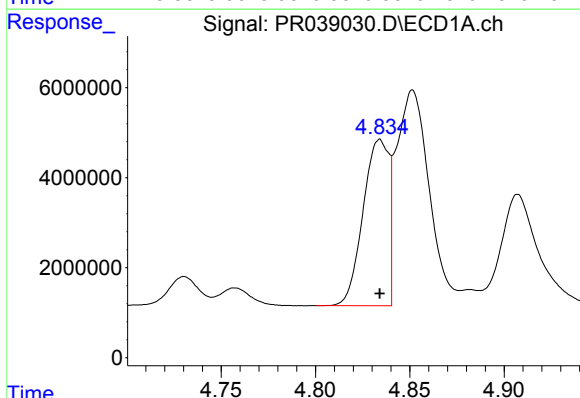
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 33789237
Conc: 1711.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



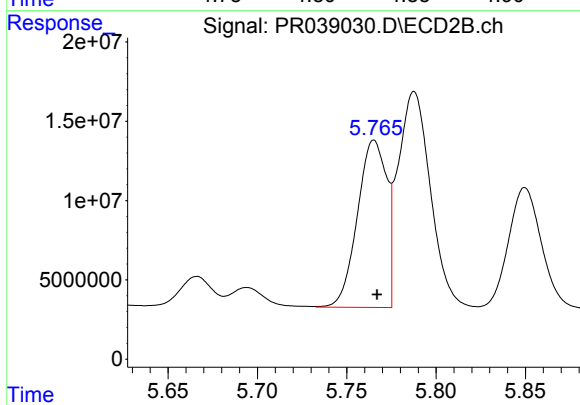
#15 AR-1232-5

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 73234199
Conc: 1531.03 ng/ml



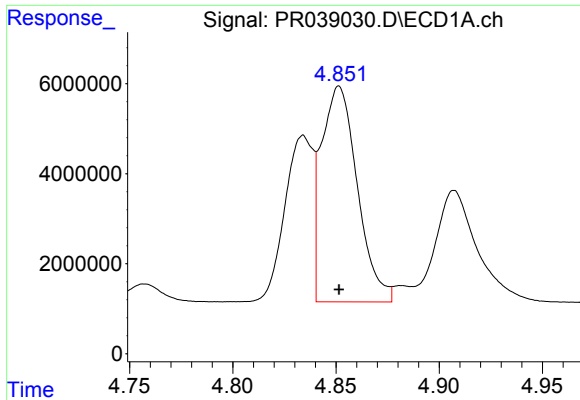
#16 AR-1242-1

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 35014152
Conc: 634.16 ng/ml



#16 AR-1242-1

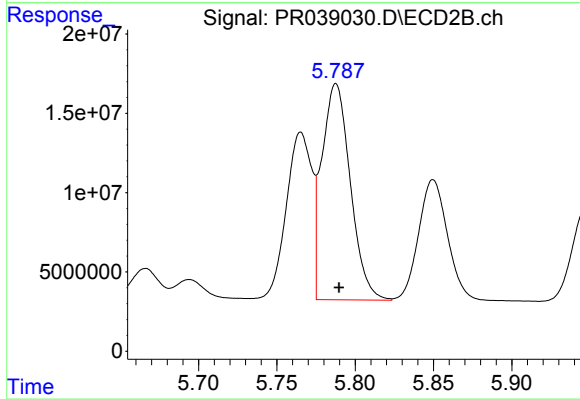
R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 119980202
Conc: 594.23 ng/ml



#17 AR-1242-2

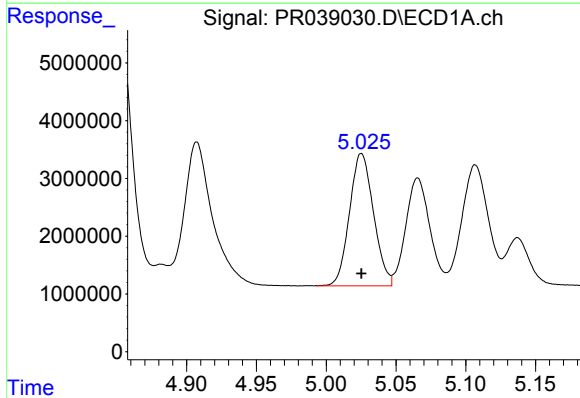
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 58145566
Conc: 647.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



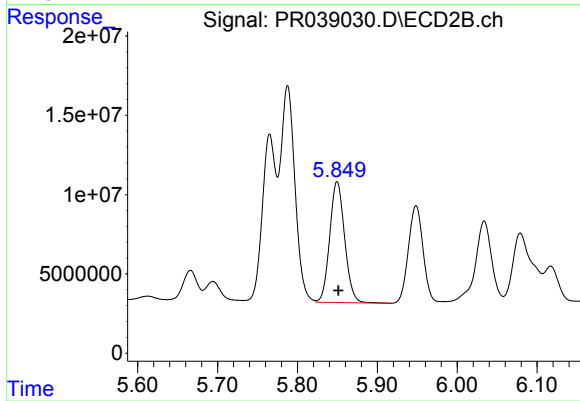
#17 AR-1242-2

R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 172624509
Conc: 604.31 ng/ml



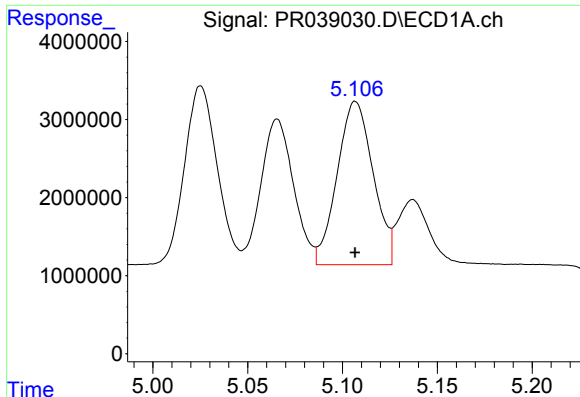
#18 AR-1242-3

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 27490630
Conc: 646.91 ng/ml



#18 AR-1242-3

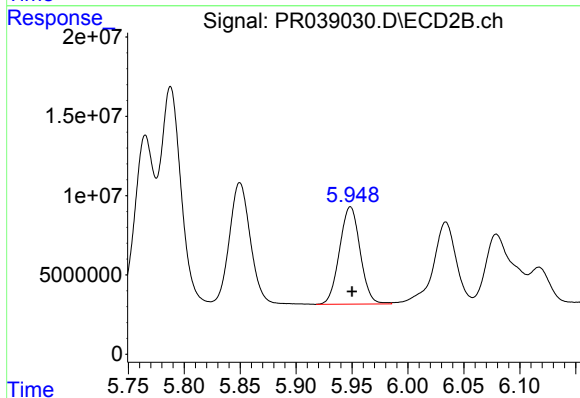
R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 98964098
Conc: 572.11 ng/ml



#19 AR-1242-4

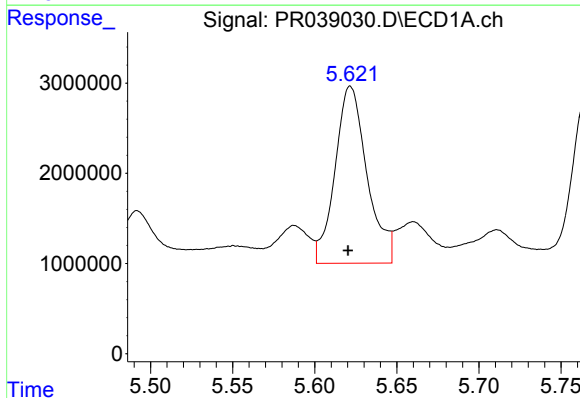
R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 27614675
Conc: 643.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



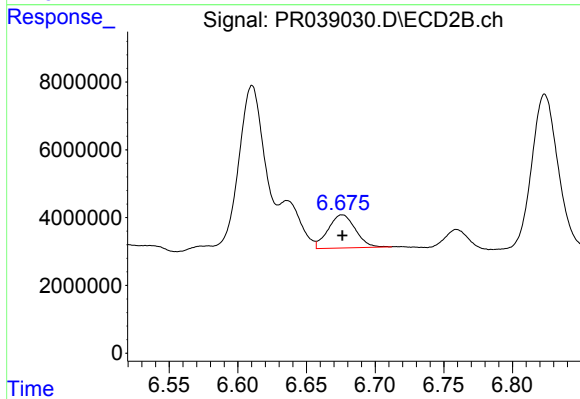
#19 AR-1242-4

R.T.: 5.949 min
Delta R.T.: -0.001 min
Response: 78823037
Conc: 558.21 ng/ml



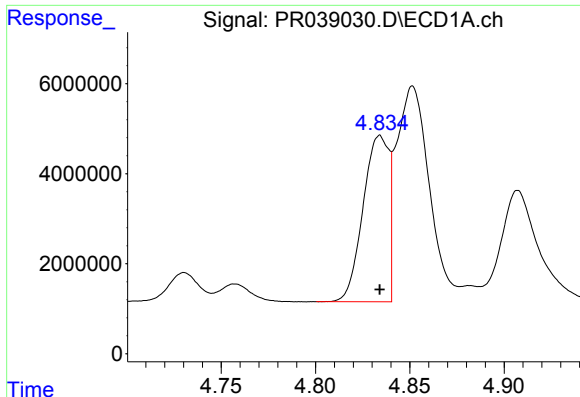
#20 AR-1242-5

R.T.: 5.622 min
Delta R.T.: 0.001 min
Response: 26629910
Conc: 443.56 ng/ml



#20 AR-1242-5

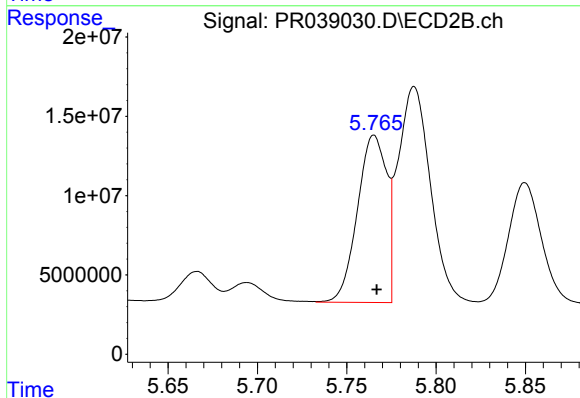
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 13492800
Conc: 81.87 ng/ml



#21 AR-1248-1

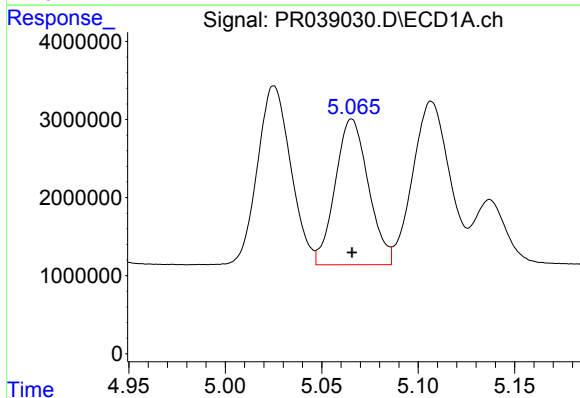
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 35014152
Conc: 785.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



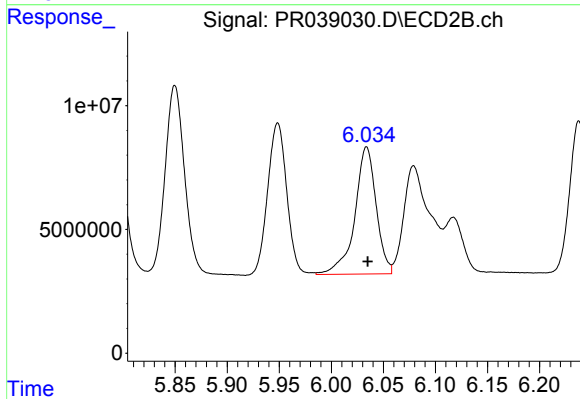
#21 AR-1248-1

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 119980202
Conc: 778.25 ng/ml



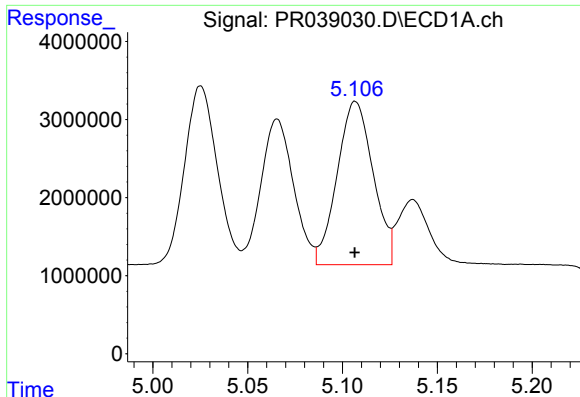
#22 AR-1248-2

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 22359561
Conc: 373.73 ng/ml



#22 AR-1248-2

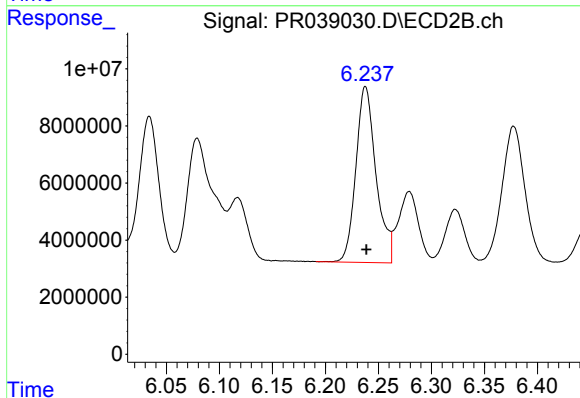
R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 73234199
Conc: 359.27 ng/ml



#23 AR-1248-3

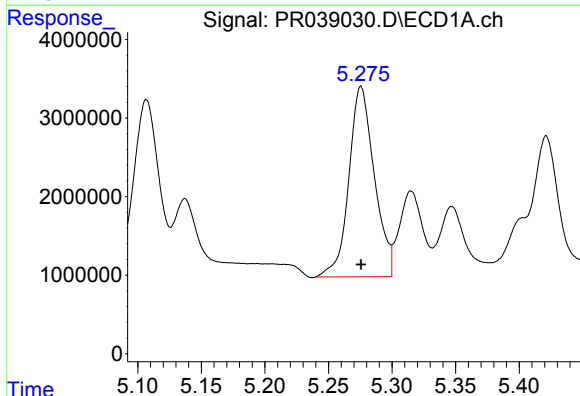
R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 27614675
Conc: 439.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



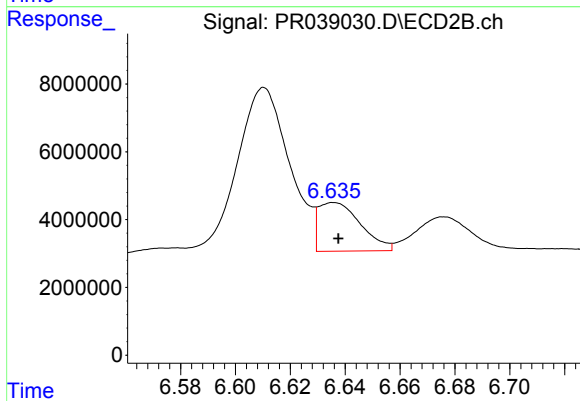
#23 AR-1248-3

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 81591343
Conc: 346.45 ng/ml



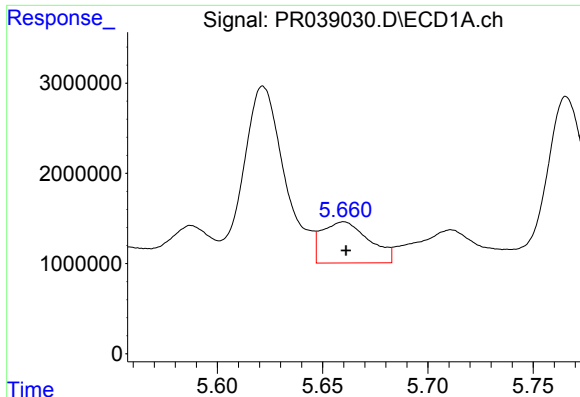
#24 AR-1248-4

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 33789237
Conc: 431.86 ng/ml



#24 AR-1248-4

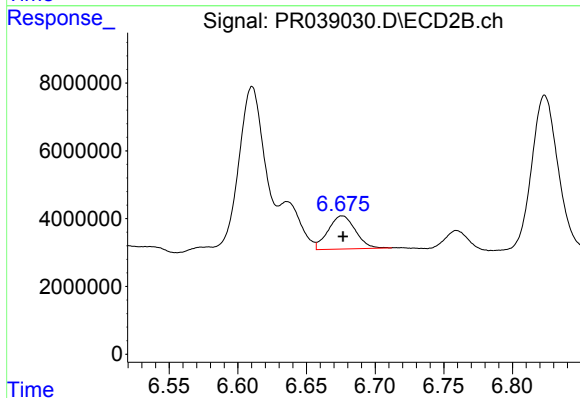
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 15309472
Conc: 53.06 ng/ml



#25 AR-1248-5

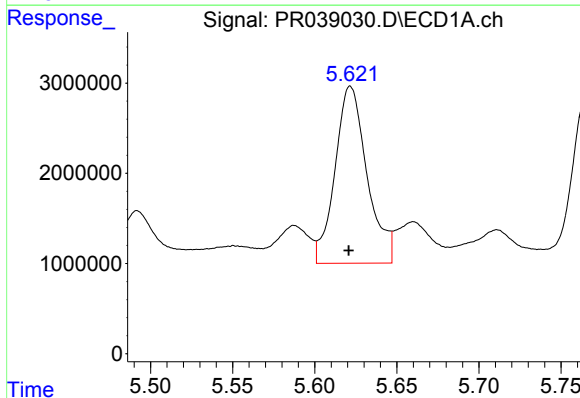
R.T.: 5.660 min
Delta R.T.: -0.001 min
Response: 7126797
Conc: 85.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



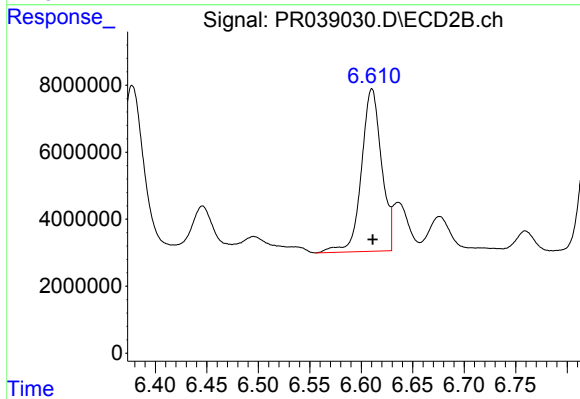
#25 AR-1248-5

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 13492800
Conc: 49.28 ng/ml



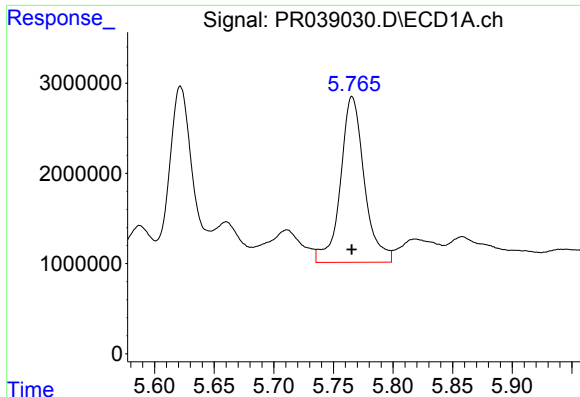
#26 AR-1254-1

R.T.: 5.622 min
Delta R.T.: 0.001 min
Response: 26629910
Conc: 255.49 ng/ml



#26 AR-1254-1

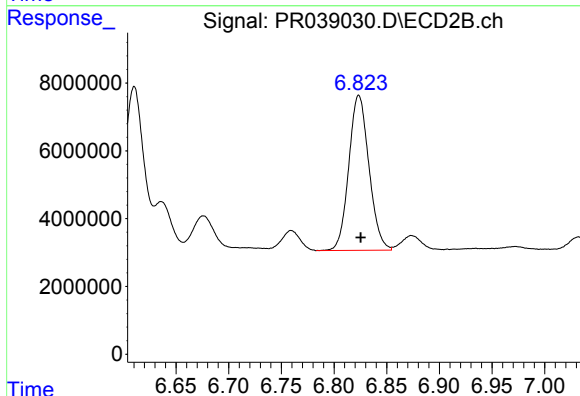
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 65917338
Conc: 290.34 ng/ml



#27 AR-1254-2

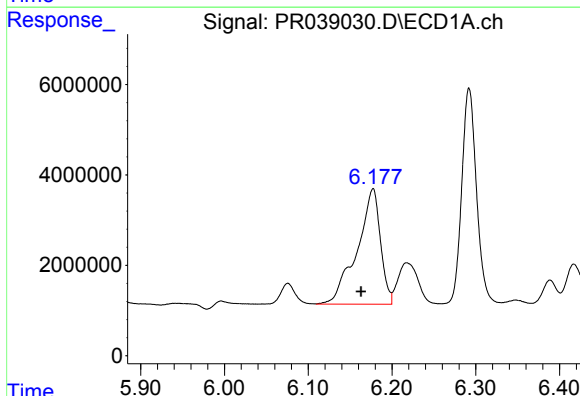
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 25566541
Conc: 280.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



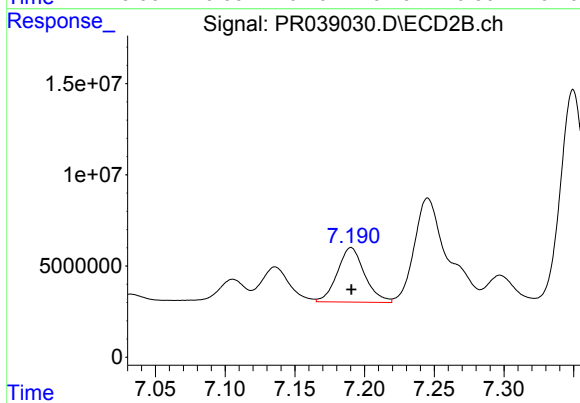
#27 AR-1254-2

R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 60932077
Conc: 170.16 ng/ml



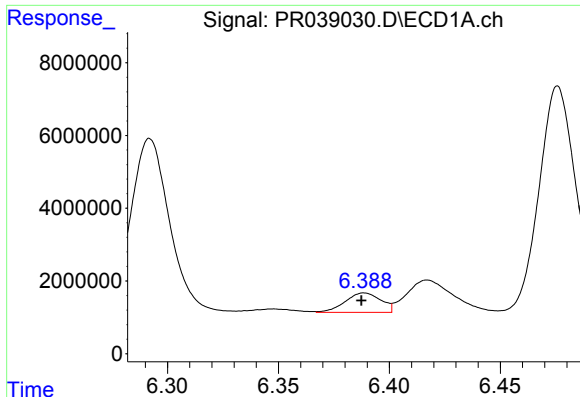
#28 AR-1254-3

R.T.: 6.177 min
Delta R.T.: 0.014 min
Response: 49628602
Conc: 315.73 ng/ml



#28 AR-1254-3

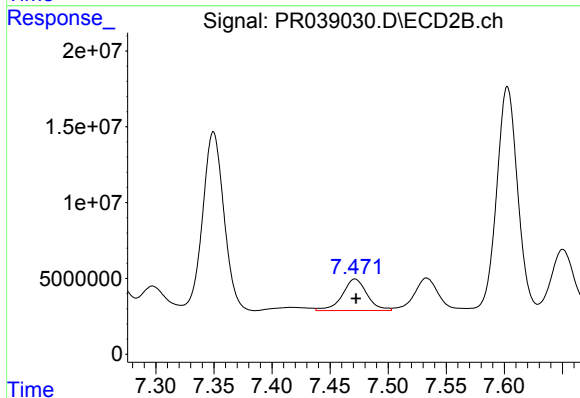
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 40759636
Conc: 99.73 ng/ml



#29 AR-1254-4

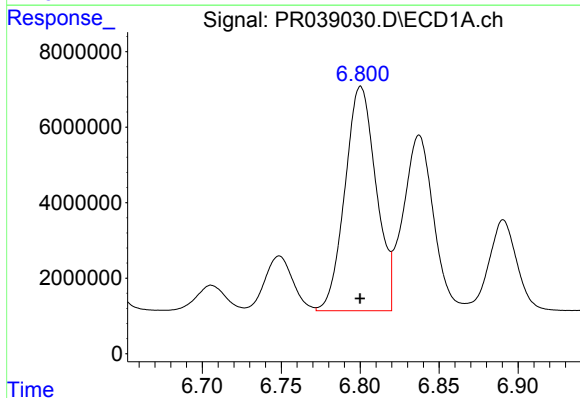
R.T.: 6.389 min
Delta R.T.: 0.001 min
Response: 6015740
Conc: 57.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



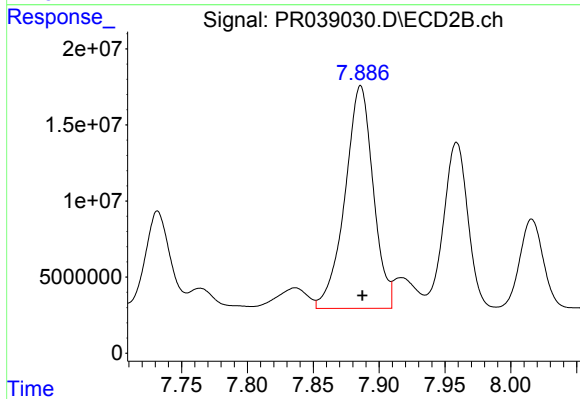
#29 AR-1254-4

R.T.: 7.471 min
Delta R.T.: -0.001 min
Response: 30769368
Conc: 98.91 ng/ml



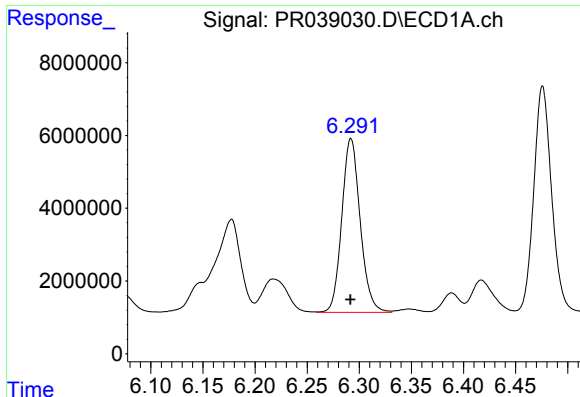
#30 AR-1254-5

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 81637807
Conc: 573.32 ng/ml



#30 AR-1254-5

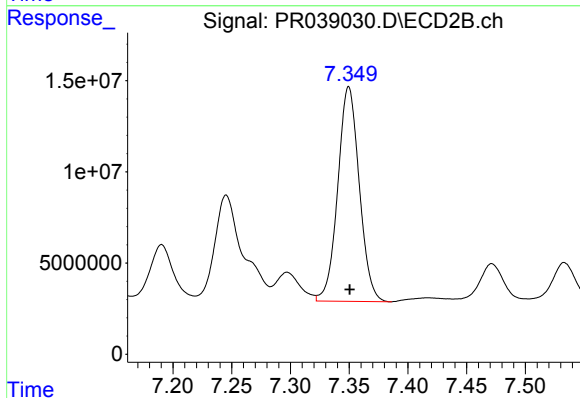
R.T.: 7.886 min
Delta R.T.: -0.001 min
Response: 218188625
Conc: 657.27 ng/ml



#31 AR-1260-1

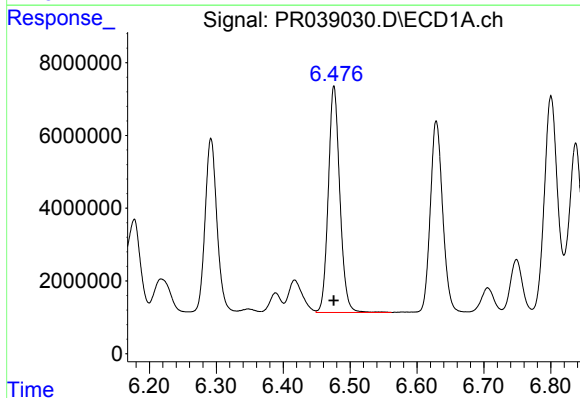
R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 58764156
Conc: 500.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



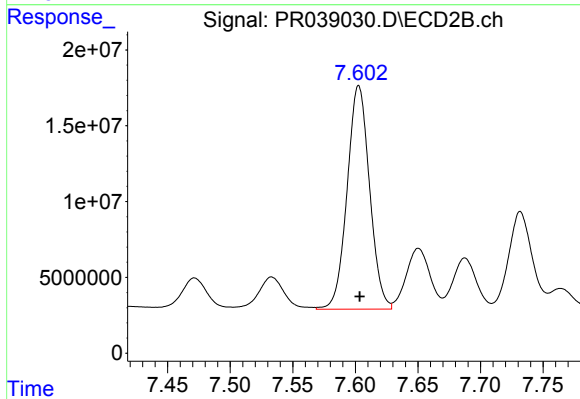
#31 AR-1260-1

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 150054520
Conc: 458.32 ng/ml



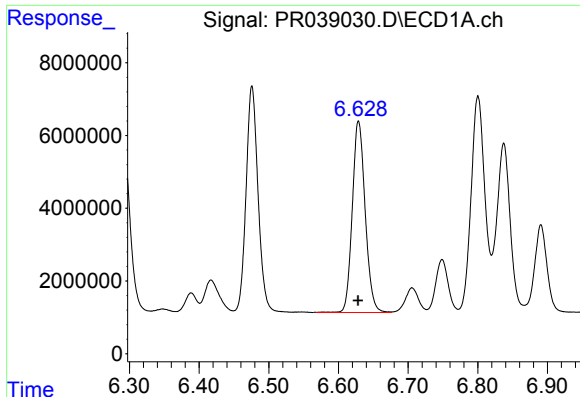
#32 AR-1260-2

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 74619376
Conc: 500.44 ng/ml



#32 AR-1260-2

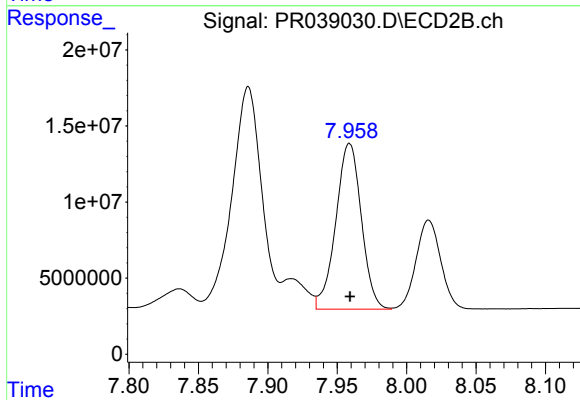
R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 184096642
Conc: 457.91 ng/ml



#33 AR-1260-3

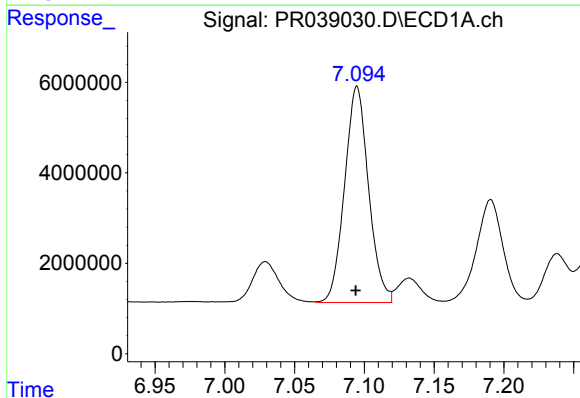
R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 67605760
Conc: 497.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



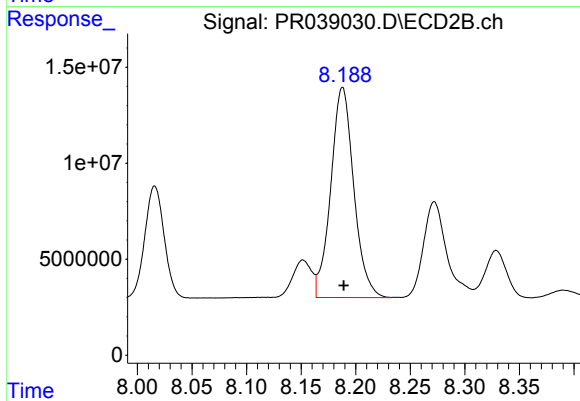
#33 AR-1260-3

R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 139538262
Conc: 447.39 ng/ml



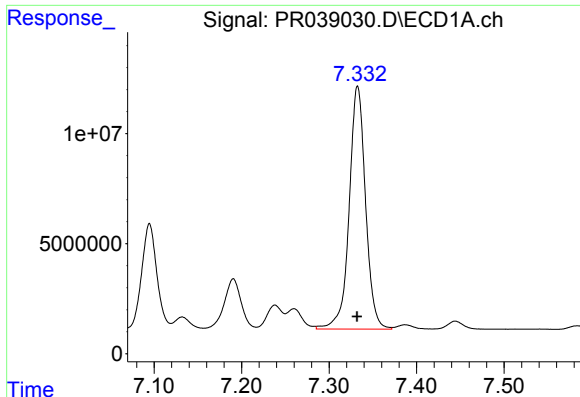
#34 AR-1260-4

R.T.: 7.095 min
Delta R.T.: 0.001 min
Response: 57194059
Conc: 487.54 ng/ml



#34 AR-1260-4

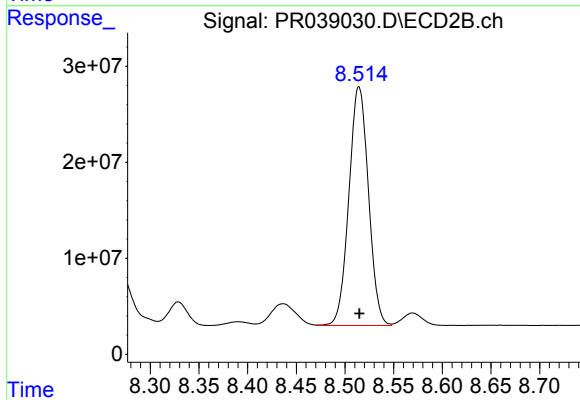
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 160664427
Conc: 444.46 ng/ml



#35 AR-1260-5

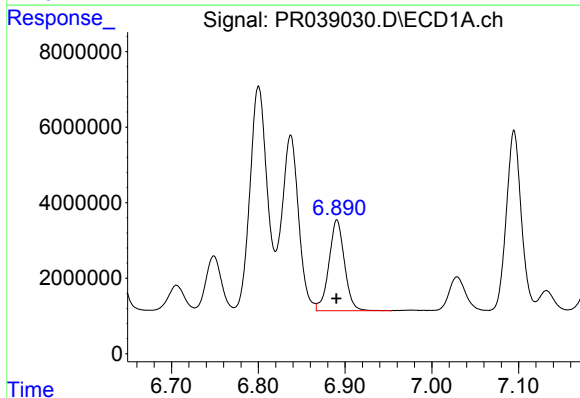
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 143544960
Conc: 484.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



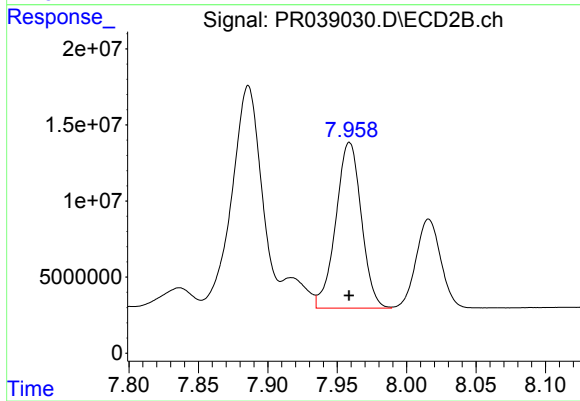
#35 AR-1260-5

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 348430988
Conc: 456.33 ng/ml



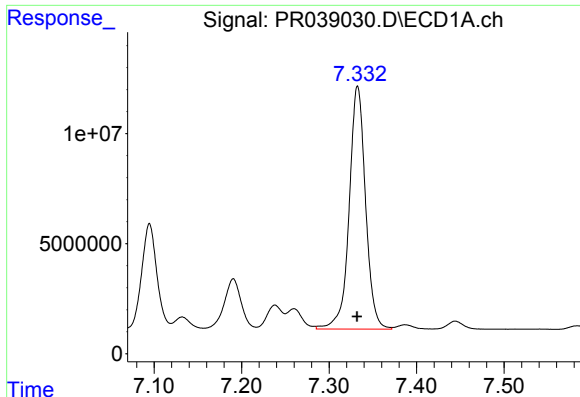
#36 AR-1262-1

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 29955588
Conc: 415.58 ng/ml



#36 AR-1262-1

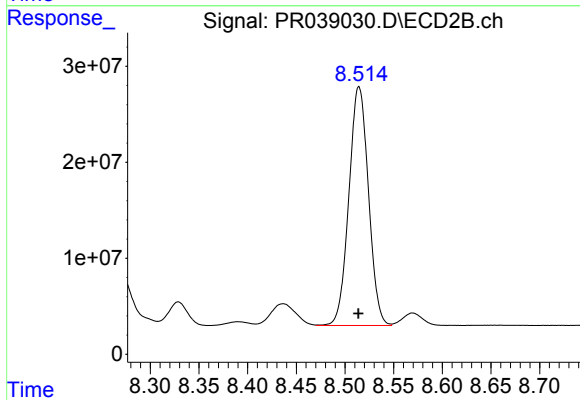
R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 139538262
Conc: 284.33 ng/ml



#37 AR-1262-2

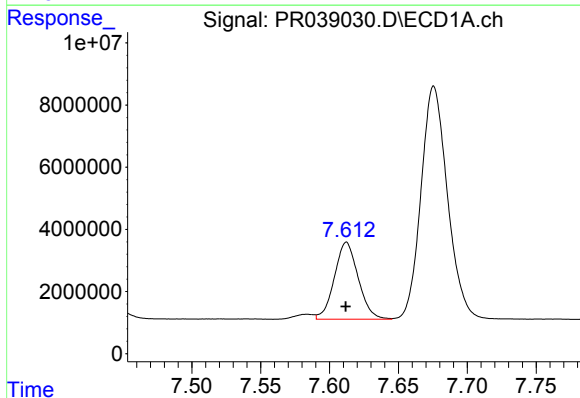
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 143544960
Conc: 395.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



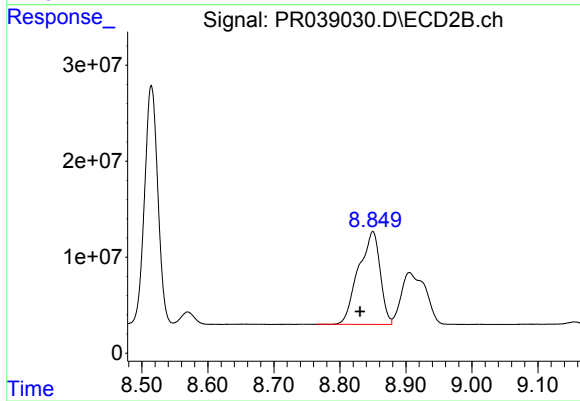
#37 AR-1262-2

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 348430988
Conc: 364.73 ng/ml



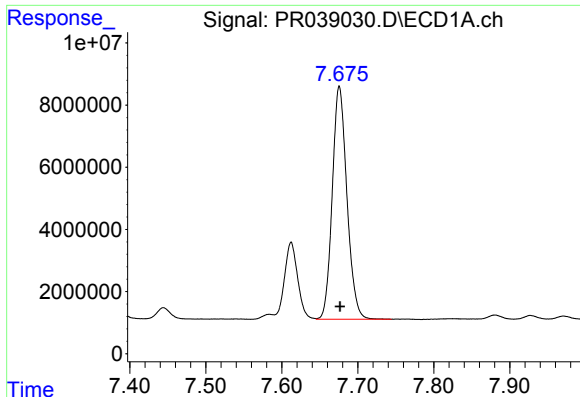
#38 AR-1262-3

R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 29836800
Conc: 221.93 ng/ml



#38 AR-1262-3

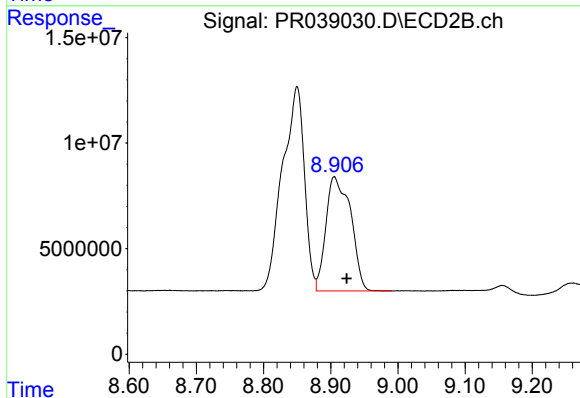
R.T.: 8.850 min
Delta R.T.: 0.019 min
Response: 220129570
Conc: 357.80 ng/ml



#39 AR-1262-4

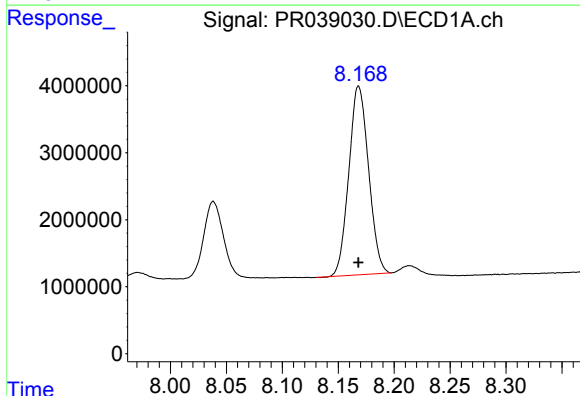
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 100454329
Conc: 386.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



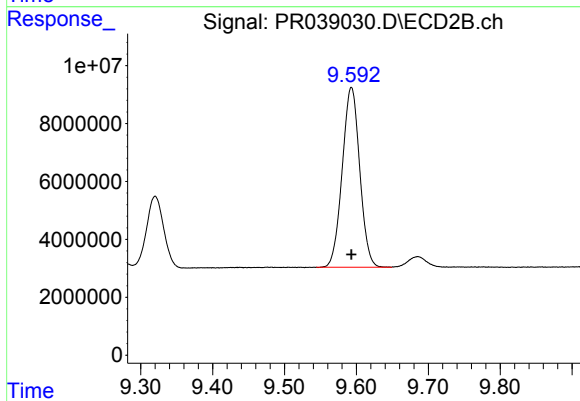
#39 AR-1262-4

R.T.: 8.905 min
Delta R.T.: -0.019 min
Response: 138316330
Conc: 298.02 ng/ml



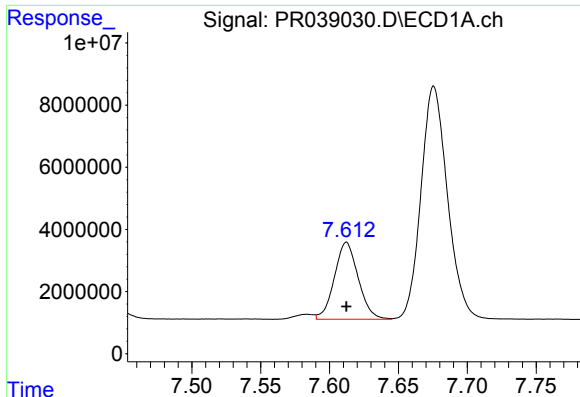
#40 AR-1262-5

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 34651858
Conc: 283.77 ng/ml



#40 AR-1262-5

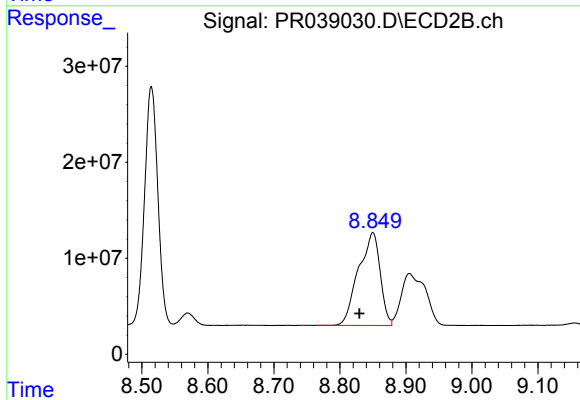
R.T.: 9.593 min
Delta R.T.: 0.000 min
Response: 104837848
Conc: 298.27 ng/ml



#41 AR-1268-1

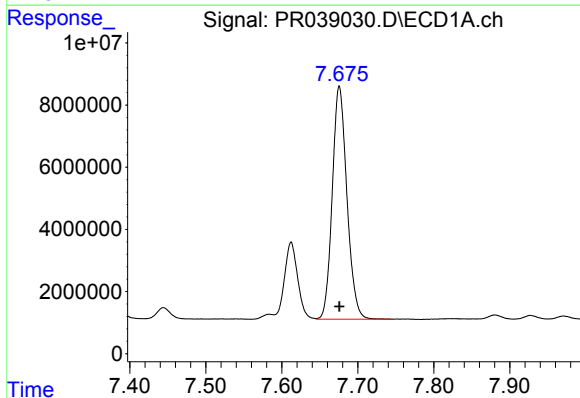
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 29836800
Conc: 78.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



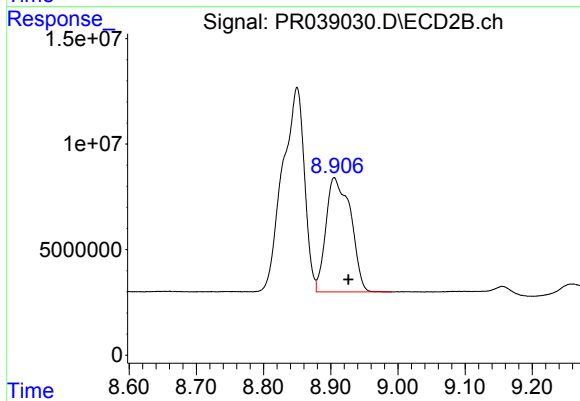
#41 AR-1268-1

R.T.: 8.850 min
Delta R.T.: 0.021 min
Response: 220129570
Conc: 213.17 ng/ml



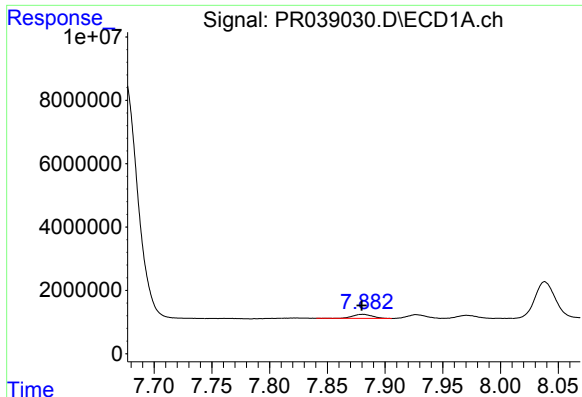
#42 AR-1268-2

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 100454329
Conc: 285.40 ng/ml



#42 AR-1268-2

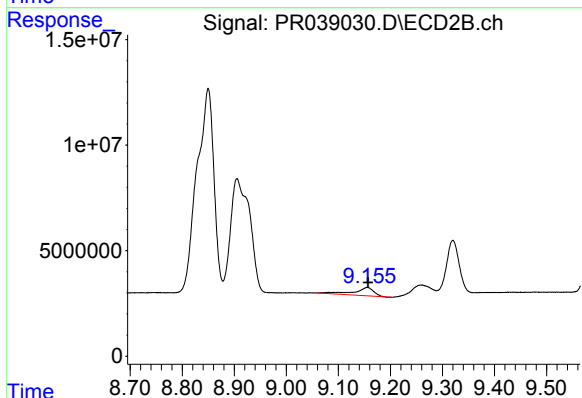
R.T.: 8.905 min
Delta R.T.: -0.021 min
Response: 138316330
Conc: 142.59 ng/ml



#43 AR-1268-3

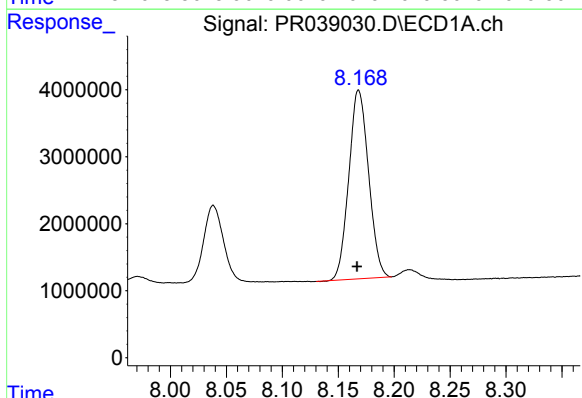
R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 1542925
Conc: 5.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



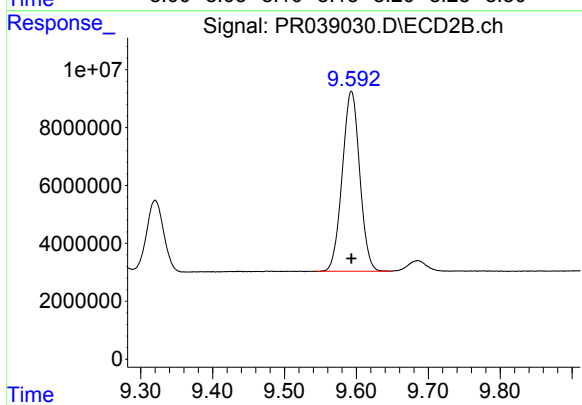
#43 AR-1268-3

R.T.: 9.155 min
Delta R.T.: -0.002 min
Response: 10438549
Conc: 13.03 ng/ml



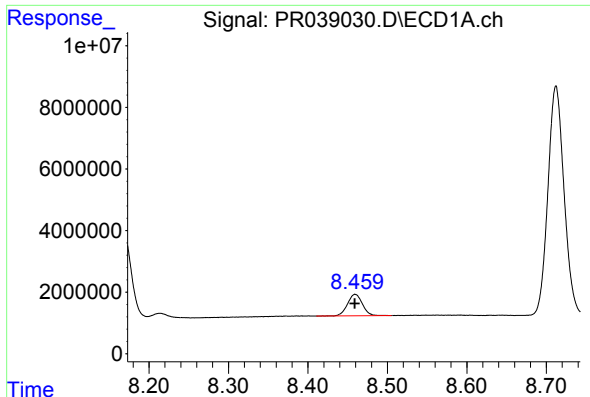
#44 AR-1268-4

R.T.: 8.168 min
Delta R.T.: 0.001 min
Response: 34651858
Conc: 275.65 ng/ml



#44 AR-1268-4

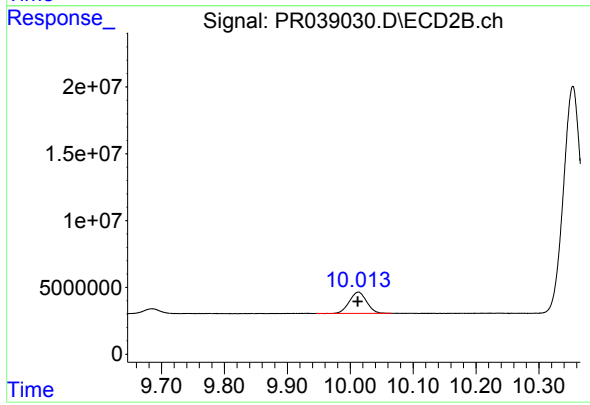
R.T.: 9.593 min
Delta R.T.: 0.000 min
Response: 104837848
Conc: 287.58 ng/ml



#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 9055891
Conc: 9.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.013 min
Delta R.T.: 0.000 min
Response: 30543396
Conc: 10.26 ng/ml