

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR042021\  
 Data File : PR050002.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2021 14:06  
 Operator : DD\AJ  
 Sample : M2031-21  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 BG546

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 02:54:24 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040621CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 07 06:22:57 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 4.639  | 3.824  | 97471874 | 166.0E6  | 21.910  | 22.490    |
| 2)                          | SA Decachlor... | 10.511 | 8.852  | 166.4E6  | 233.2E6  | 25.216  | 27.900    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.817  | 4.915  | 1853353  | 5673134  | 8.736   | 20.909 #  |
| 4)                          | L1 AR-1016-2    | 5.817  | 4.915  | 1853353  | 5673134  | 6.157   | 14.268 #  |
| 5)                          | L1 AR-1016-3    | 5.875  | 5.150f | 7523138  | 12328532 | 41.462  | 58.950 #  |
| 6)                          | L1 AR-1016-4    | 6.007  | 5.150  | 521873   | 12328532 | 3.440   | 75.838 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.348  | 0        | 1999988  | N.D.    | 9.237 #   |
| 8)                          | L2 AR-1221-1    | 4.895f | 4.016  | 1682754  | 4669329  | 30.500  | 57.336 #  |
| 9)                          | L2 AR-1221-2    | 4.949  | 0.000  | 2330925  | 0        | 58.078  | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.949f | 0.000  | 2330925  | 0        | 17.397  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.949f | 0.000  | 2330925  | 0        | 21.932  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.530  | 4.915  | 7214084  | 5673134  | 118.977 | 34.795 #  |
| 13)                         | L3 AR-1232-3    | 5.817  | 5.150f | 1853353  | 12328532 | 14.774  | 143.321 # |
| 14)                         | L3 AR-1232-4    | 6.007  | 5.150f | 521873   | 12328532 | 8.301   | 164.204 # |
| 15)                         | L3 AR-1232-5    | 6.114  | 5.348  | 9495223  | 1999988  | 190.826 | 23.776 #  |
| 16)                         | L4 AR-1242-1    | 5.817  | 4.915  | 1853353  | 5673134  | 9.704   | 23.328 #  |
| 17)                         | L4 AR-1242-2    | 5.817  | 4.915  | 1853353  | 5673134  | 6.918   | 16.071 #  |
| 18)                         | L4 AR-1242-3    | 5.875  | 5.150f | 7523138  | 12328532 | 46.129  | 65.975 #  |
| 19)                         | L4 AR-1242-4    | 6.007  | 5.150f | 521873   | 12328532 | 3.839   | 70.012 #  |
| 20)                         | L4 AR-1242-5    | 6.741  | 0.000  | 559689   | 0        | 3.534   | N.D. #    |
| 21)                         | L5 AR-1248-1    | 5.817  | 4.915  | 1853353  | 5673134  | 14.452  | 33.917 #  |
| 22)                         | L5 AR-1248-2    | 6.114  | 5.150  | 9495223  | 12328532 | 51.394  | 54.846    |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.150f | 0        | 12328532 | N.D.    | 51.603 #  |
| 24)                         | L5 AR-1248-4    | 6.700  | 5.348  | 3285403  | 1999988  | 13.120  | 6.802 #   |
| 25)                         | L5 AR-1248-5    | 6.741  | 0.000  | 559689   | 0        | 2.312   | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.700  | 0.000  | 3285403  | 0        | 9.391   | N.D. #    |
| 27)                         | L6 AR-1254-2    | 6.884  | 0.000  | 1054925  | 0        | 1.898   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.647f | 7.429  | 833028   | 2206623  | 1.228   | 2.208 #   |
| 37)                         | L8 AR-1262-2    | 8.647f | 7.429  | 833028   | 2206623  | 0.882   | 1.686 #   |
| 38)                         | L8 AR-1262-3    | 8.973f | 0.000  | 5626898  | 0        | 9.013   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 8.973f | 7.834f | 5626898  | 6691491  | 12.192  | 6.965 #   |
| 41)                         | L9 AR-1268-1    | 8.973f | 0.000  | 5626898  | 0        | 5.466   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.973f | 7.834f | 5626898  | 6691491  | 6.008   | 5.248     |
| 45)                         | L9 AR-1268-5    | 10.158 | 8.587  | 1334589  | 1783509  | 0.485   | 0.515     |
| -----                       |                 |        |        |          |          |         |           |

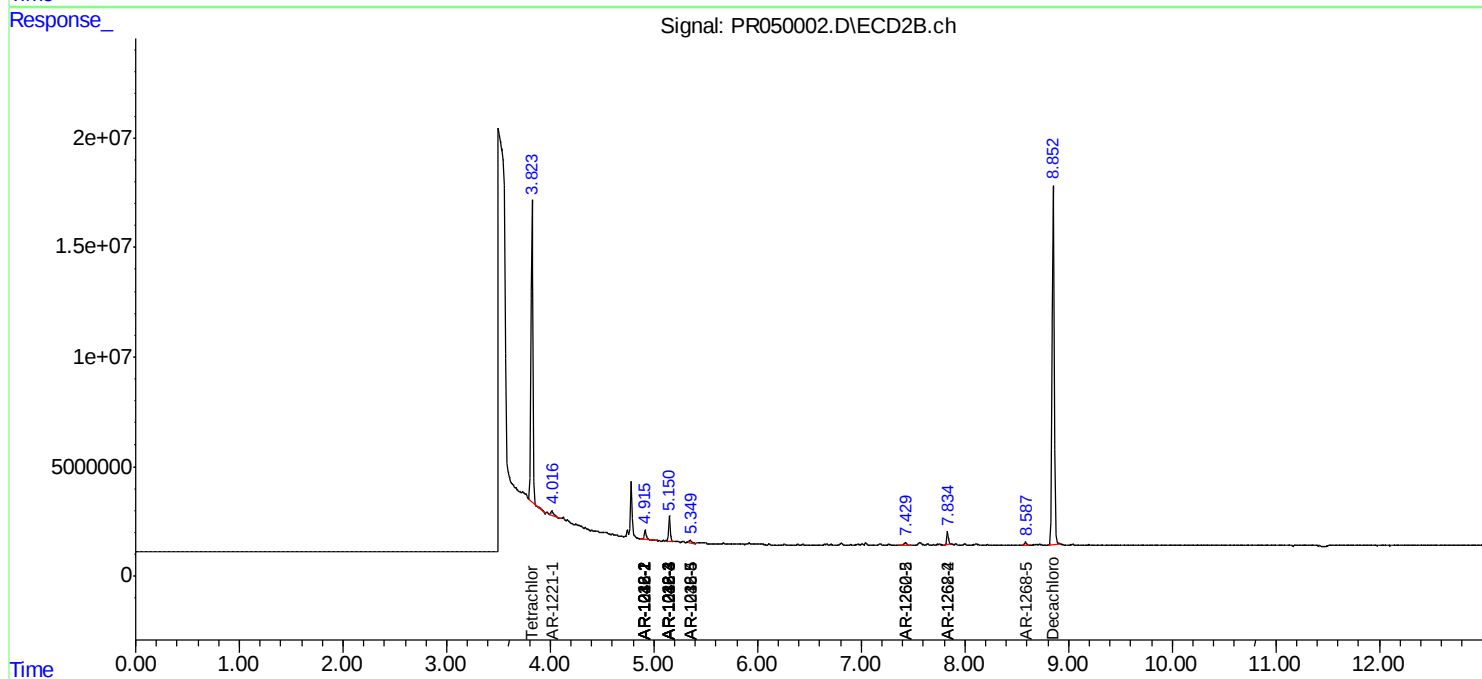
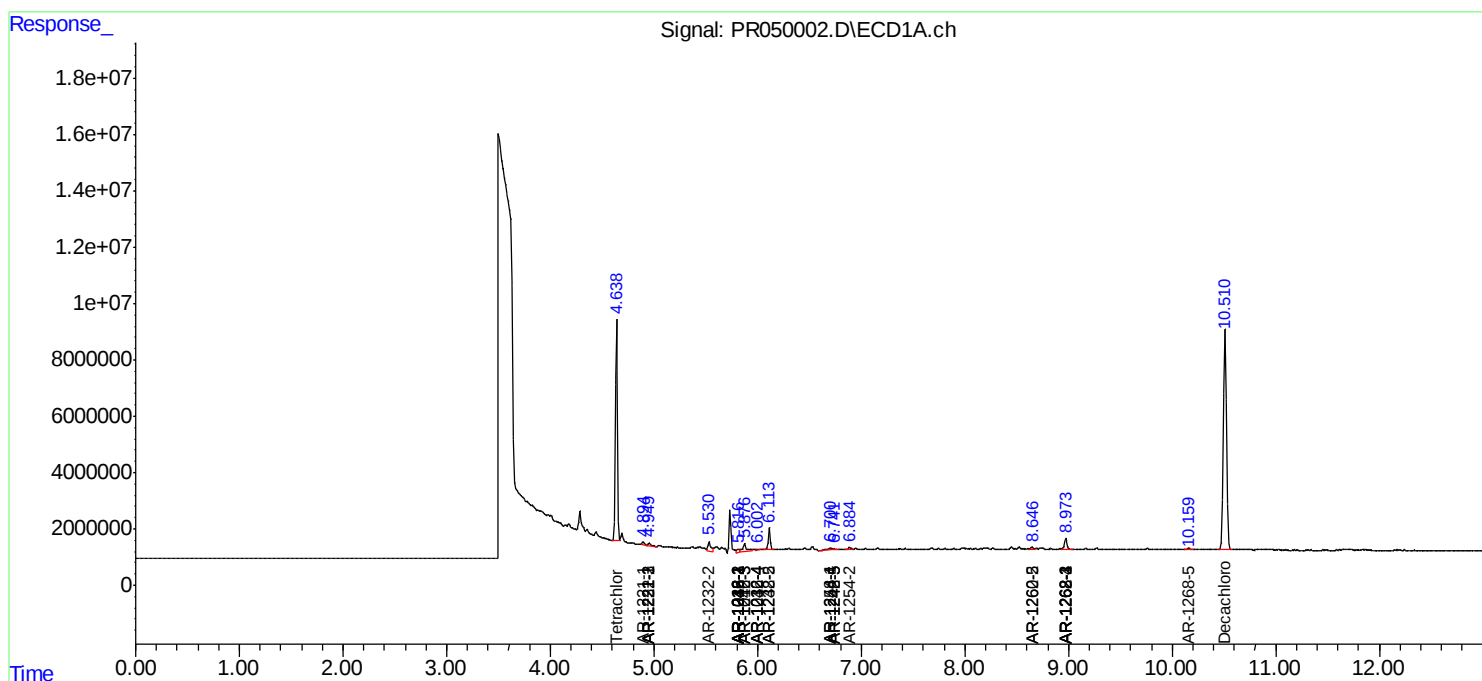
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

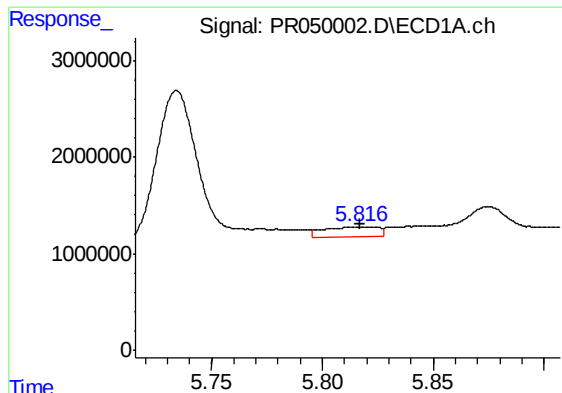
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR042021\  
Data File : PR050002.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Apr 2021 14:06  
Operator : DD\AJ  
Sample : M2031-21  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
BG546

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 02:54:24 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040621CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 07 06:22:57 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

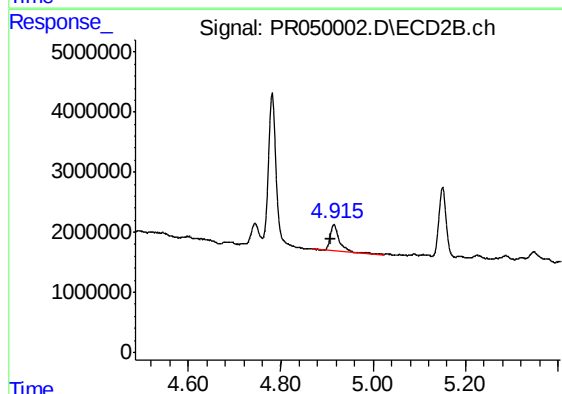




#3 AR-1016-1

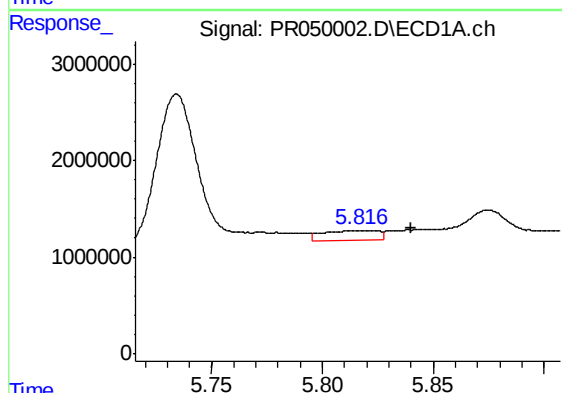
R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 1853353  
Conc: 8.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



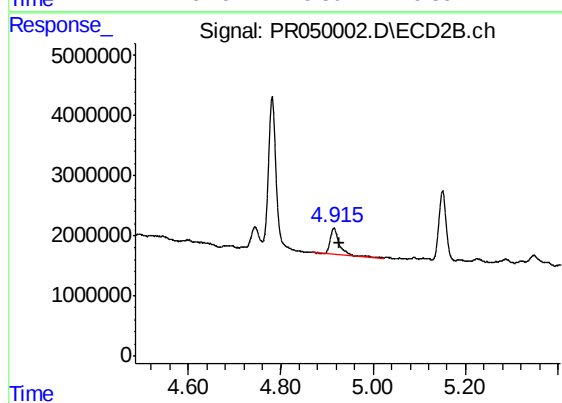
#3 AR-1016-1

R.T.: 4.915 min  
Delta R.T.: 0.007 min  
Response: 5673134  
Conc: 20.91 ng/ml



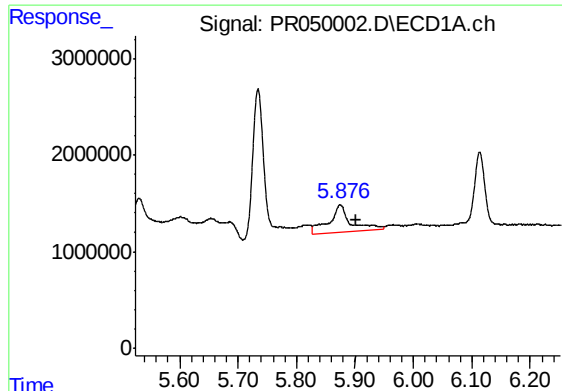
#4 AR-1016-2

R.T.: 5.817 min  
Delta R.T.: -0.023 min  
Response: 1853353  
Conc: 6.16 ng/ml



#4 AR-1016-2

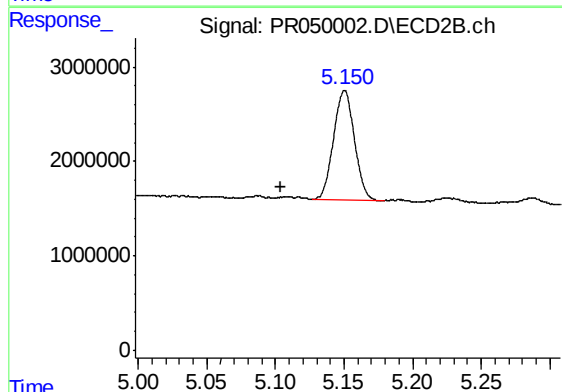
R.T.: 4.915 min  
Delta R.T.: -0.013 min  
Response: 5673134  
Conc: 14.27 ng/ml



#5 AR-1016-3

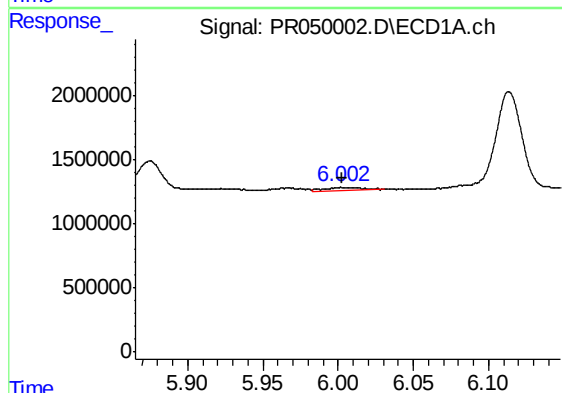
R.T.: 5.875 min  
Delta R.T.: -0.027 min  
Response: 7523138  
Conc: 41.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



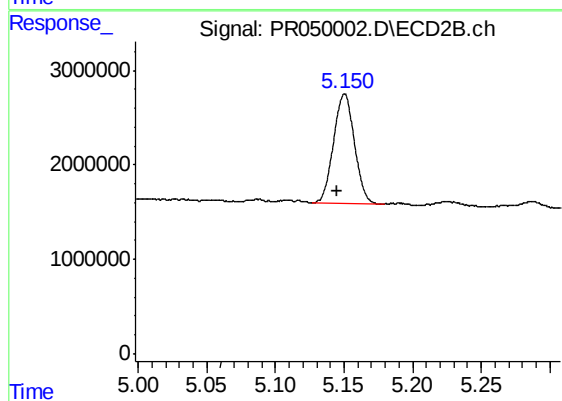
#5 AR-1016-3

R.T.: 5.150 min  
Delta R.T.: 0.046 min  
Response: 12328532  
Conc: 58.95 ng/ml



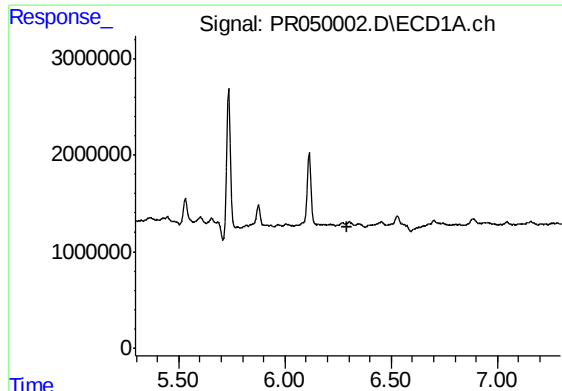
#6 AR-1016-4

R.T.: 6.007 min  
Delta R.T.: 0.004 min  
Response: 521873  
Conc: 3.44 ng/ml



#6 AR-1016-4

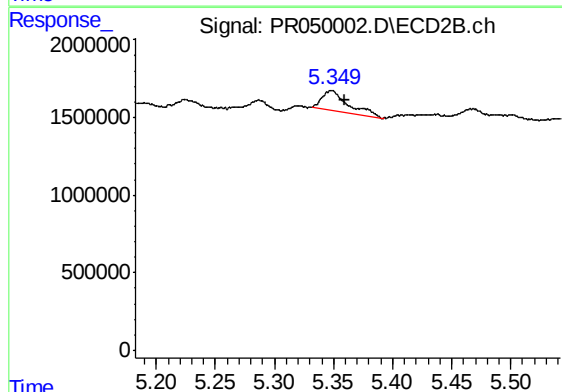
R.T.: 5.150 min  
Delta R.T.: 0.006 min  
Response: 12328532  
Conc: 75.84 ng/ml



#7 AR-1016-5

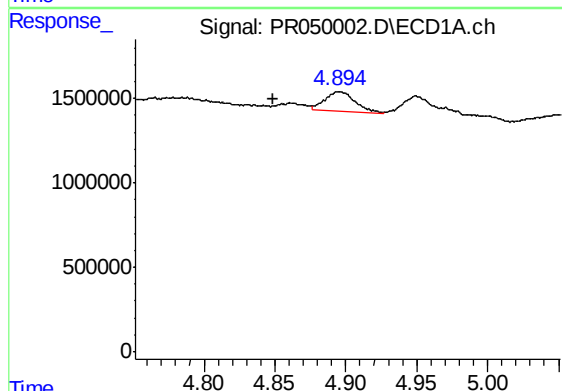
R.T.: 0.000 min  
Exp R.T.: 6.296 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



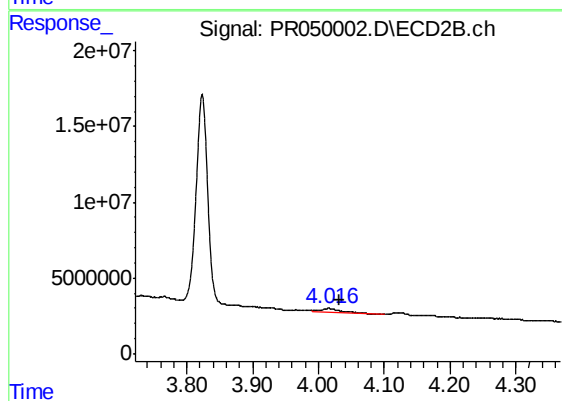
#7 AR-1016-5

R.T.: 5.348 min  
Delta R.T.: -0.011 min  
Response: 1999988  
Conc: 9.24 ng/ml



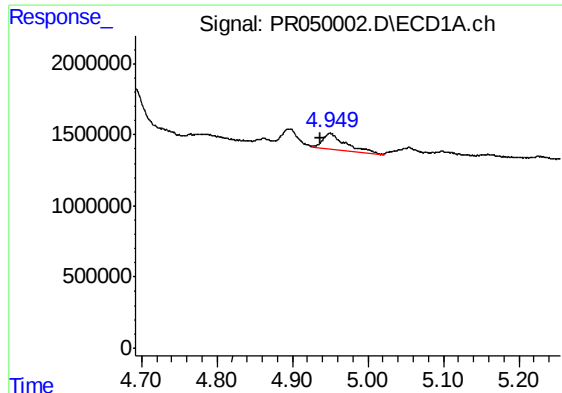
#8 AR-1221-1

R.T.: 4.895 min  
Delta R.T.: 0.046 min  
Response: 1682754  
Conc: 30.50 ng/ml



#8 AR-1221-1

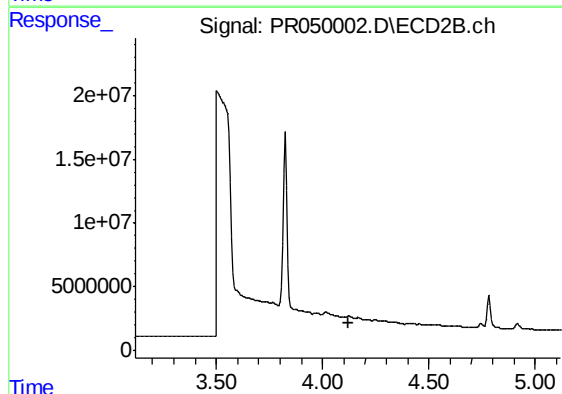
R.T.: 4.016 min  
Delta R.T.: -0.017 min  
Response: 4669329  
Conc: 57.34 ng/ml



#9 AR-1221-2

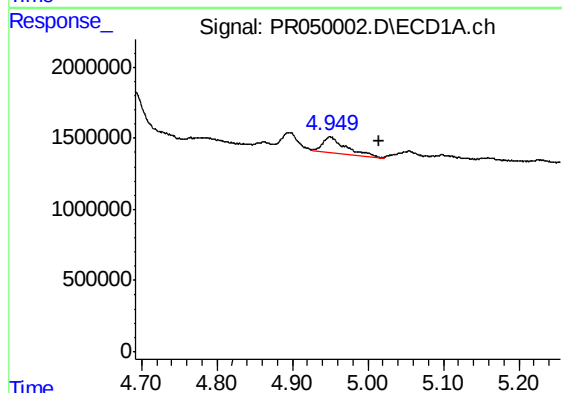
R.T.: 4.949 min  
Delta R.T.: 0.013 min  
Response: 2330925  
Conc: 58.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



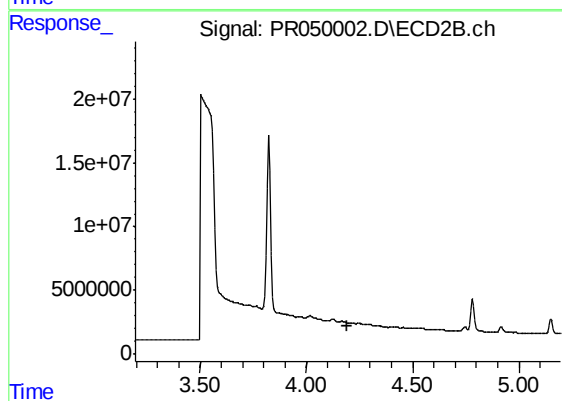
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.119 min  
Response: 0  
Conc: N.D.



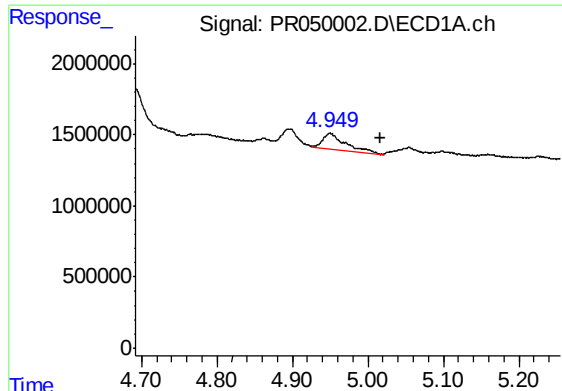
#10 AR-1221-3

R.T.: 4.949 min  
Delta R.T.: -0.066 min  
Response: 2330925  
Conc: 17.40 ng/ml



#10 AR-1221-3

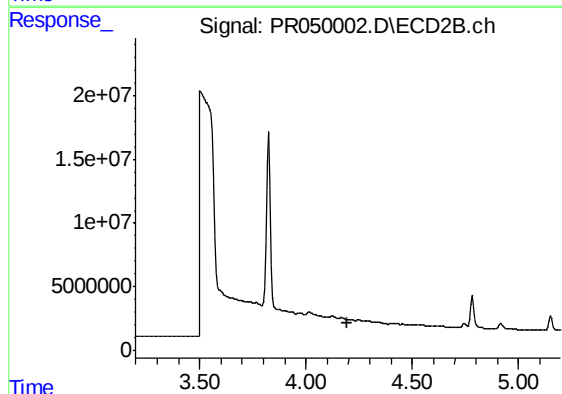
R.T.: 0.000 min  
Exp R.T. : 4.196 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

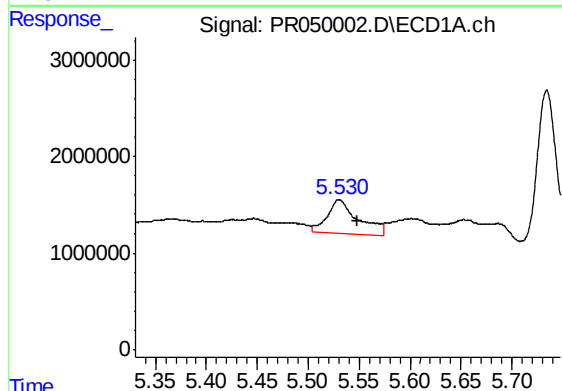
R.T.: 4.949 min  
Delta R.T.: -0.067 min  
Response: 2330925  
Conc: 21.93 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



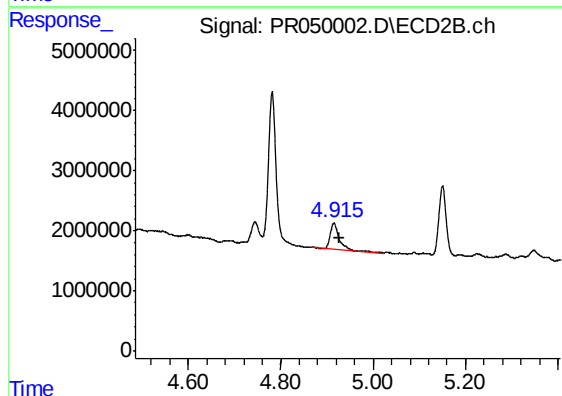
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.197 min  
Response: 0  
Conc: N.D.



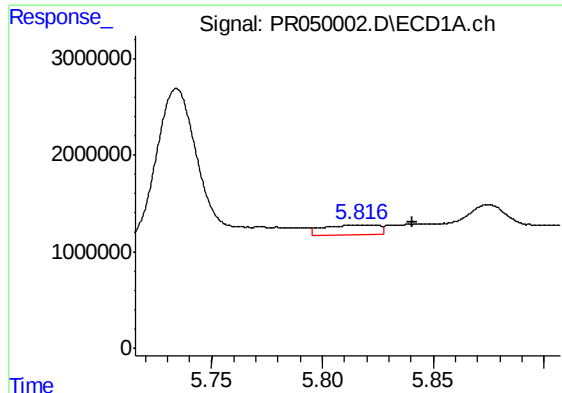
#12 AR-1232-2

R.T.: 5.530 min  
Delta R.T.: -0.018 min  
Response: 7214084  
Conc: 118.98 ng/ml



#12 AR-1232-2

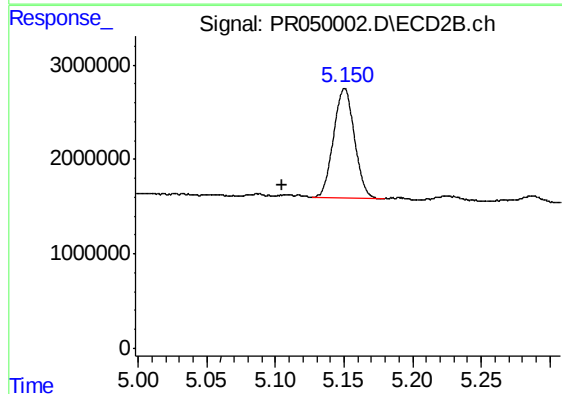
R.T.: 4.915 min  
Delta R.T.: -0.013 min  
Response: 5673134  
Conc: 34.79 ng/ml



#13 AR-1232-3

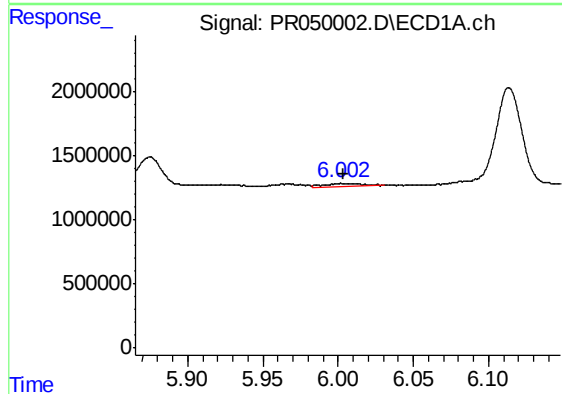
R.T.: 5.817 min  
Delta R.T.: -0.024 min  
Response: 1853353  
Conc: 14.77 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



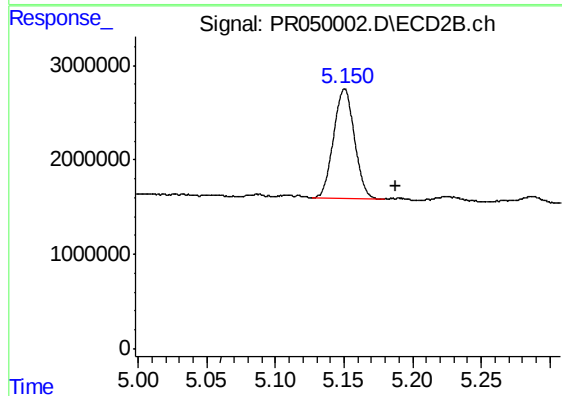
#13 AR-1232-3

R.T.: 5.150 min  
Delta R.T.: 0.046 min  
Response: 12328532  
Conc: 143.32 ng/ml



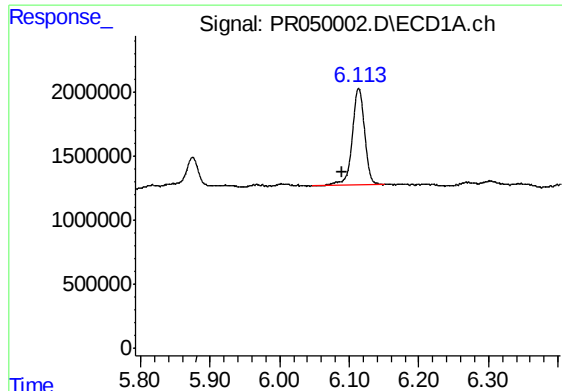
#14 AR-1232-4

R.T.: 6.007 min  
Delta R.T.: 0.003 min  
Response: 521873  
Conc: 8.30 ng/ml



#14 AR-1232-4

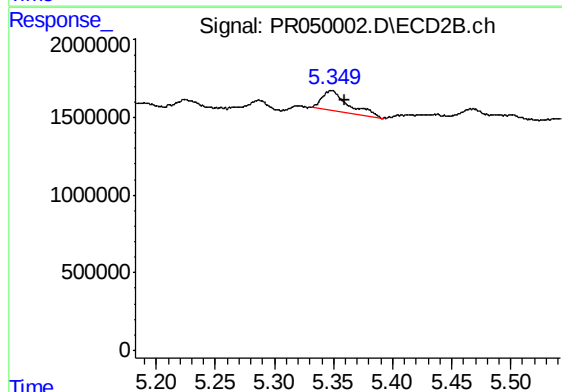
R.T.: 5.150 min  
Delta R.T.: -0.038 min  
Response: 12328532  
Conc: 164.20 ng/ml



#15 AR-1232-5

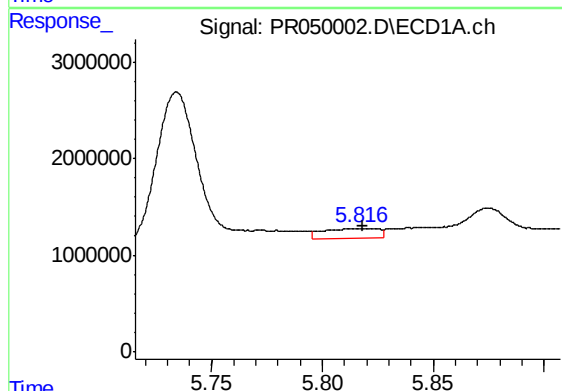
R.T.: 6.114 min  
Delta R.T.: 0.024 min  
Response: 9495223  
Conc: 190.83 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



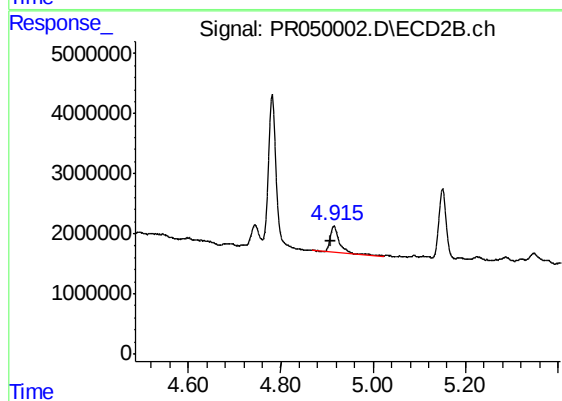
#15 AR-1232-5

R.T.: 5.348 min  
Delta R.T.: -0.011 min  
Response: 1999988  
Conc: 23.78 ng/ml



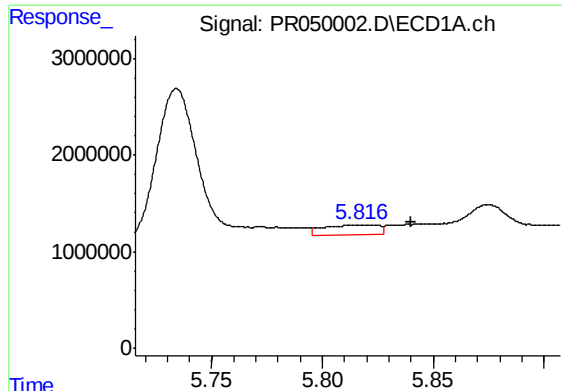
#16 AR-1242-1

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 1853353  
Conc: 9.70 ng/ml



#16 AR-1242-1

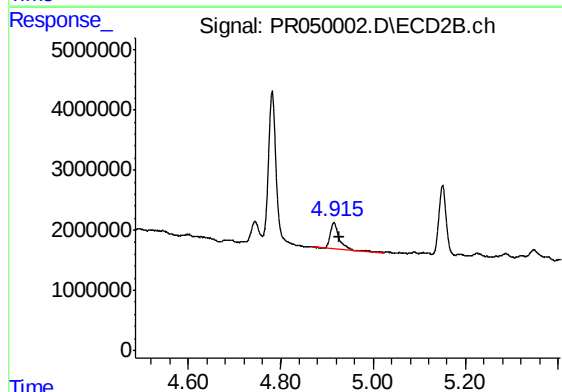
R.T.: 4.915 min  
Delta R.T.: 0.006 min  
Response: 5673134  
Conc: 23.33 ng/ml



#17 AR-1242-2

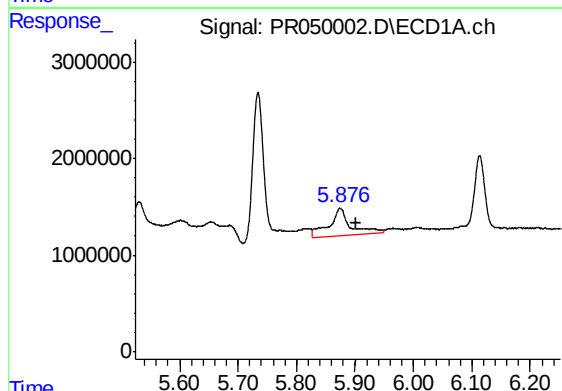
R.T.: 5.817 min  
Delta R.T.: -0.023 min  
Response: 1853353  
Conc: 6.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



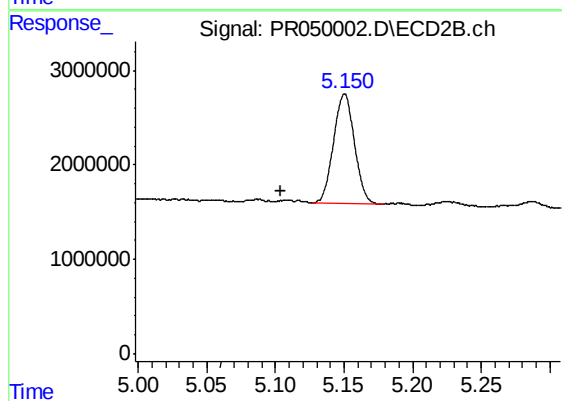
#17 AR-1242-2

R.T.: 4.915 min  
Delta R.T.: -0.013 min  
Response: 5673134  
Conc: 16.07 ng/ml



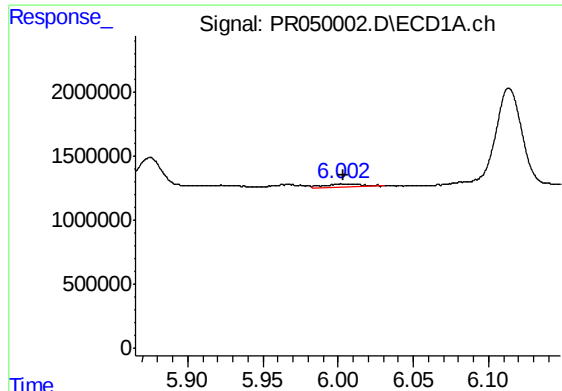
#18 AR-1242-3

R.T.: 5.875 min  
Delta R.T.: -0.027 min  
Response: 7523138  
Conc: 46.13 ng/ml



#18 AR-1242-3

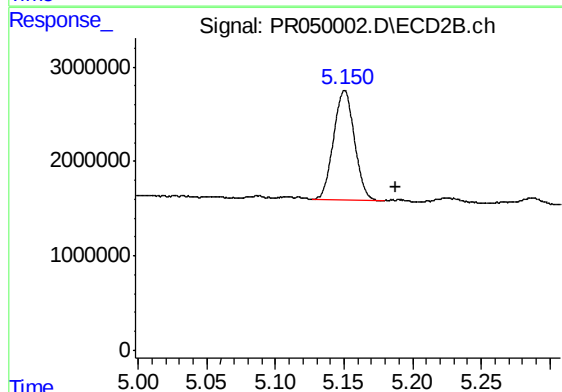
R.T.: 5.150 min  
Delta R.T.: 0.046 min  
Response: 12328532  
Conc: 65.97 ng/ml



#19 AR-1242-4

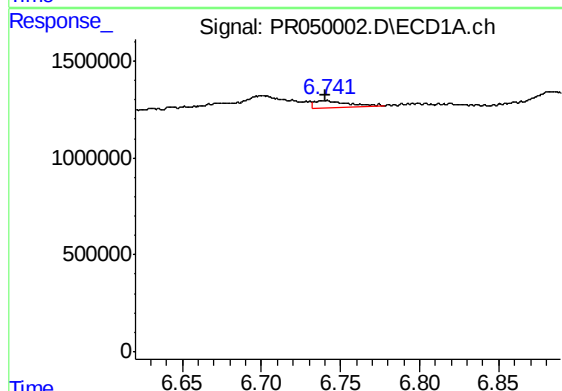
R.T.: 6.007 min  
Delta R.T.: 0.004 min  
Response: 521873  
Conc: 3.84 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



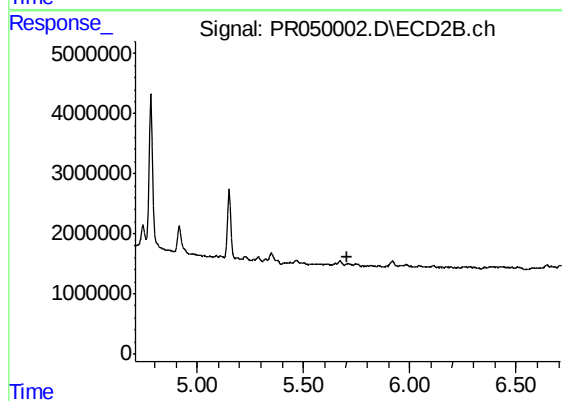
#19 AR-1242-4

R.T.: 5.150 min  
Delta R.T.: -0.037 min  
Response: 12328532  
Conc: 70.01 ng/ml



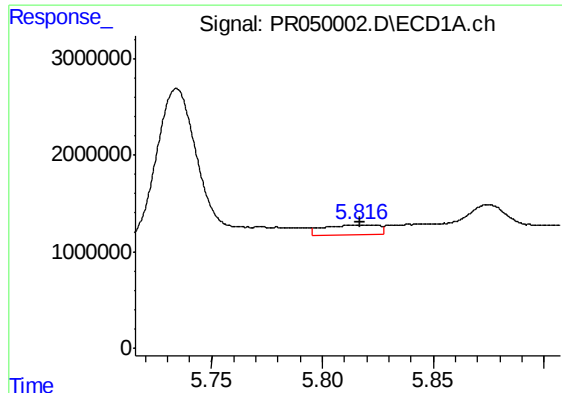
#20 AR-1242-5

R.T.: 6.741 min  
Delta R.T.: 0.000 min  
Response: 559689  
Conc: 3.53 ng/ml



#20 AR-1242-5

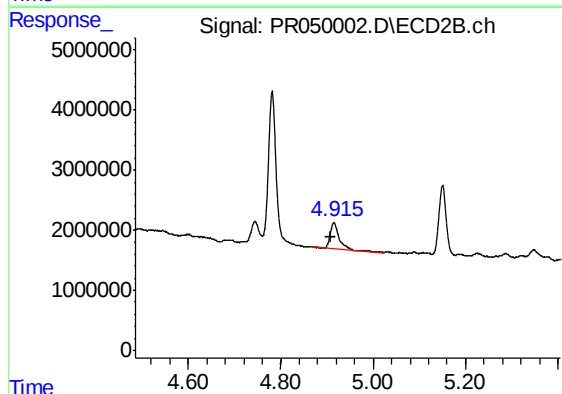
R.T.: 0.000 min  
Exp R.T. : 5.709 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

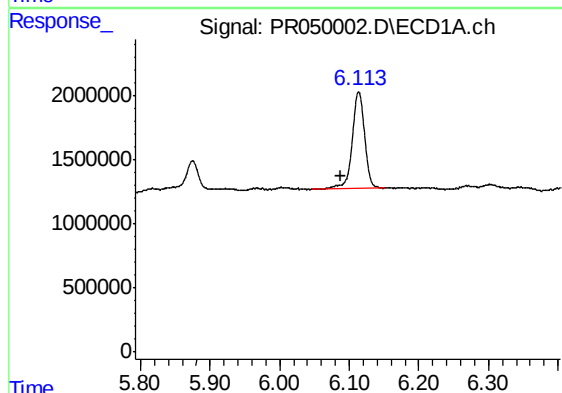
R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 1853353  
Conc: 14.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



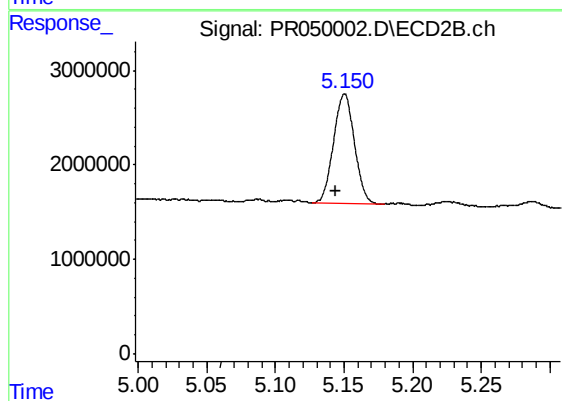
#21 AR-1248-1

R.T.: 4.915 min  
Delta R.T.: 0.007 min  
Response: 5673134  
Conc: 33.92 ng/ml



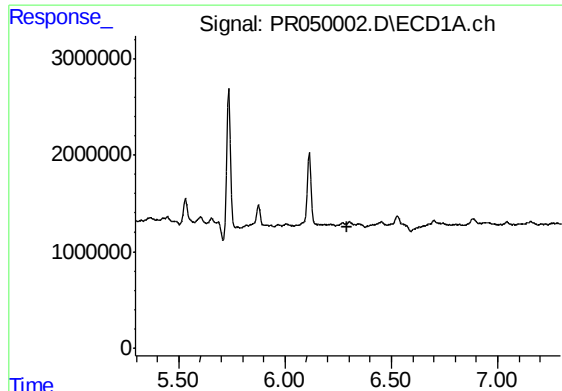
#22 AR-1248-2

R.T.: 6.114 min  
Delta R.T.: 0.025 min  
Response: 9495223  
Conc: 51.39 ng/ml



#22 AR-1248-2

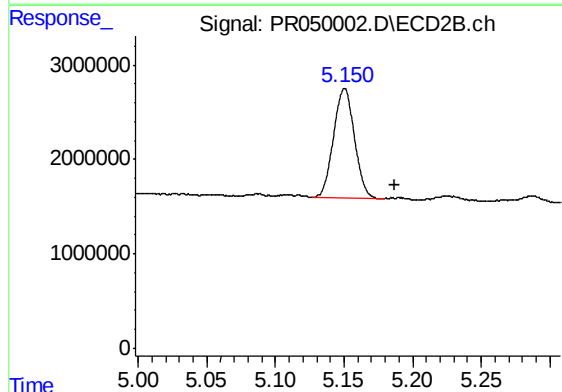
R.T.: 5.150 min  
Delta R.T.: 0.006 min  
Response: 12328532  
Conc: 54.85 ng/ml



#23 AR-1248-3

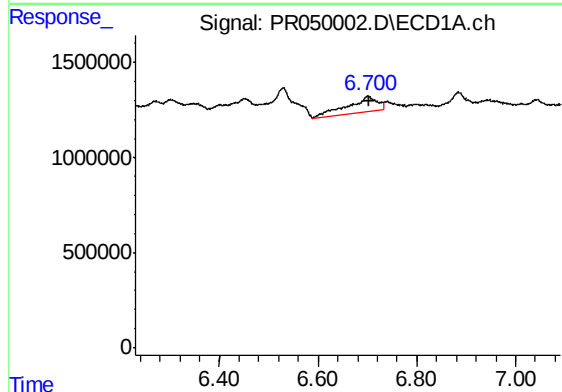
R.T.: 0.000 min  
Exp R.T.: 6.296 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



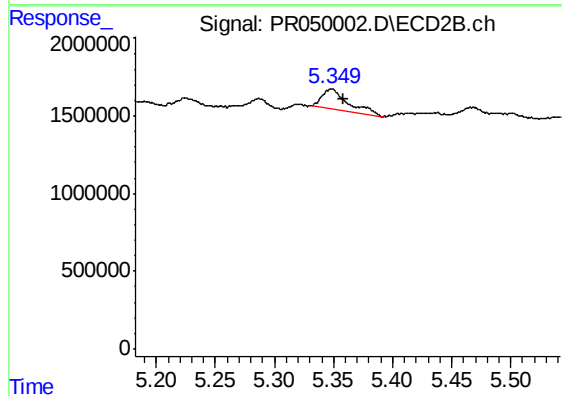
#23 AR-1248-3

R.T.: 5.150 min  
Delta R.T.: -0.036 min  
Response: 12328532  
Conc: 51.60 ng/ml



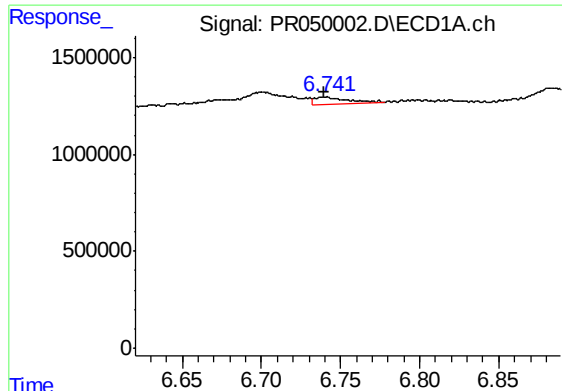
#24 AR-1248-4

R.T.: 6.700 min  
Delta R.T.: -0.002 min  
Response: 3285403  
Conc: 13.12 ng/ml



#24 AR-1248-4

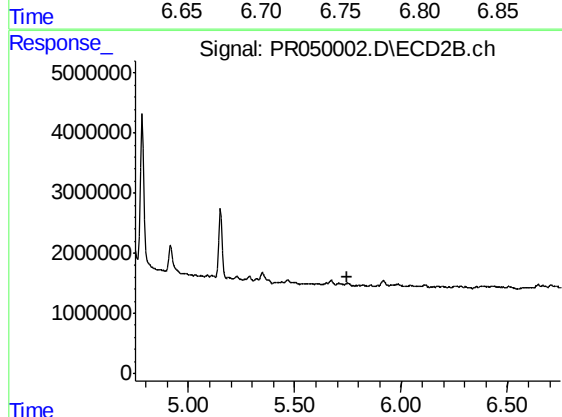
R.T.: 5.348 min  
Delta R.T.: -0.010 min  
Response: 1999988  
Conc: 6.80 ng/ml



#25 AR-1248-5

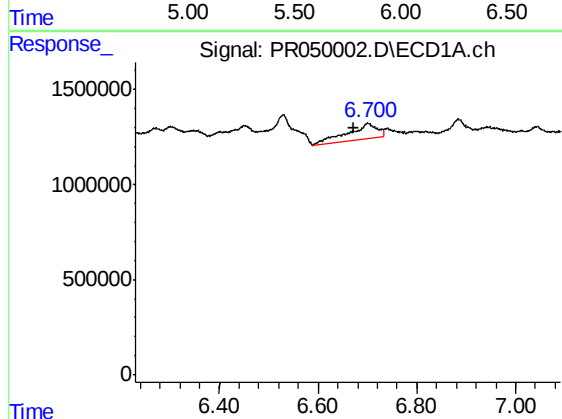
R.T.: 6.741 min  
Delta R.T.: 0.000 min  
Response: 559689  
Conc: 2.31 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



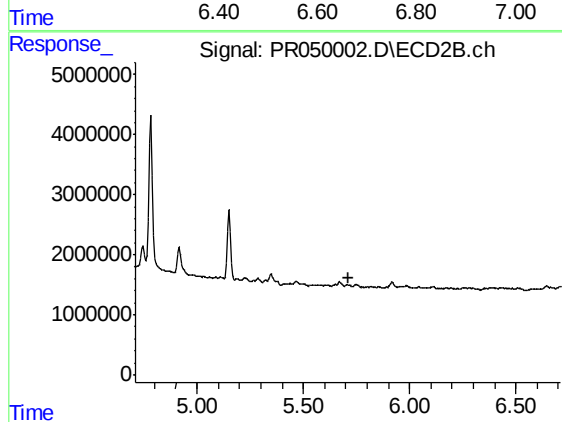
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.750 min  
Response: 0  
Conc: N.D.



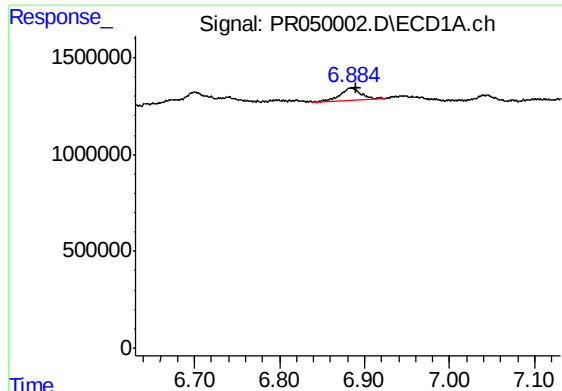
#26 AR-1254-1

R.T.: 6.700 min  
Delta R.T.: 0.028 min  
Response: 3285403  
Conc: 9.39 ng/ml



#26 AR-1254-1

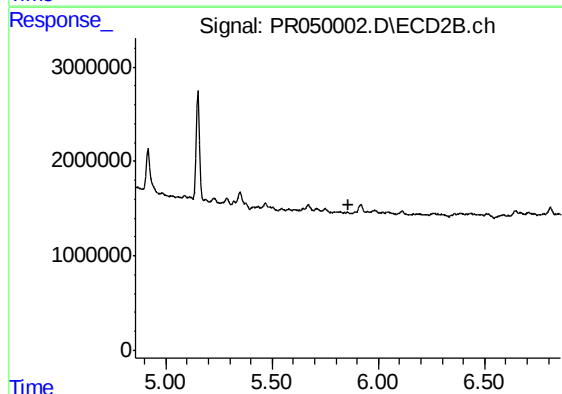
R.T.: 0.000 min  
Exp R.T. : 5.710 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

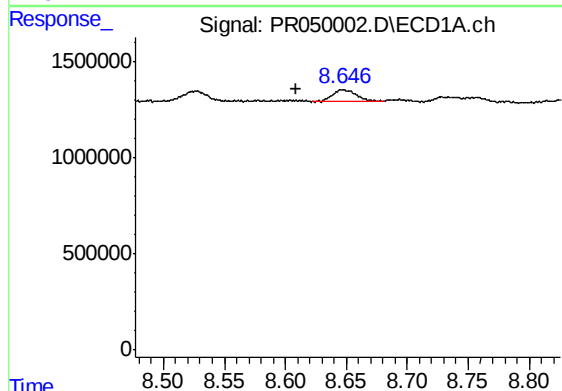
R.T.: 6.884 min  
Delta R.T.: -0.006 min  
Response: 1054925  
Conc: 1.90 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



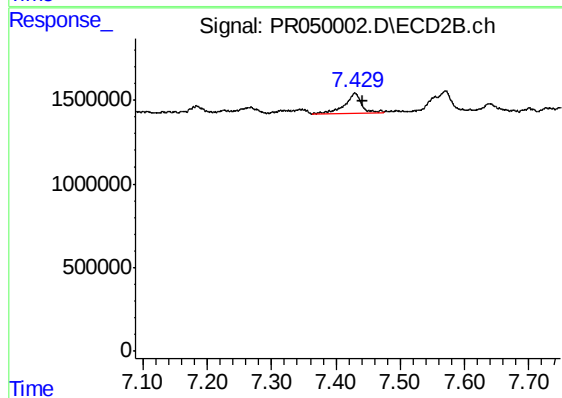
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.857 min  
Response: 0  
Conc: N.D.



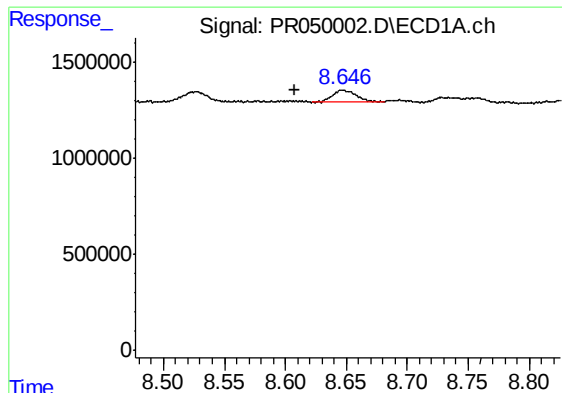
#35 AR-1260-5

R.T.: 8.647 min  
Delta R.T.: 0.039 min  
Response: 833028  
Conc: 1.23 ng/ml



#35 AR-1260-5

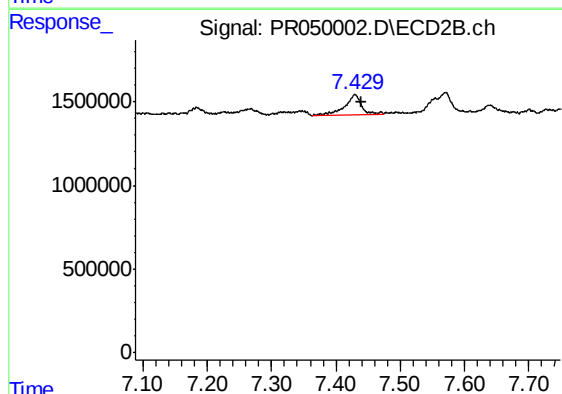
R.T.: 7.429 min  
Delta R.T.: -0.012 min  
Response: 2206623  
Conc: 2.21 ng/ml



#37 AR-1262-2

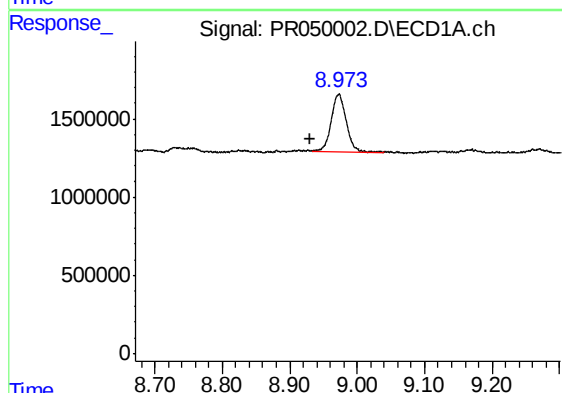
R.T.: 8.647 min  
Delta R.T.: 0.039 min  
Response: 833028  
Conc: 0.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



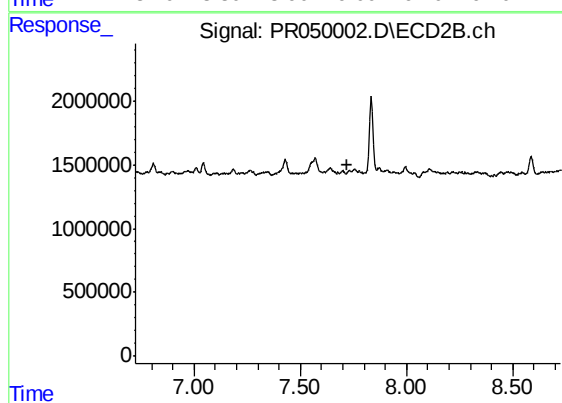
#37 AR-1262-2

R.T.: 7.429 min  
Delta R.T.: -0.010 min  
Response: 2206623  
Conc: 1.69 ng/ml



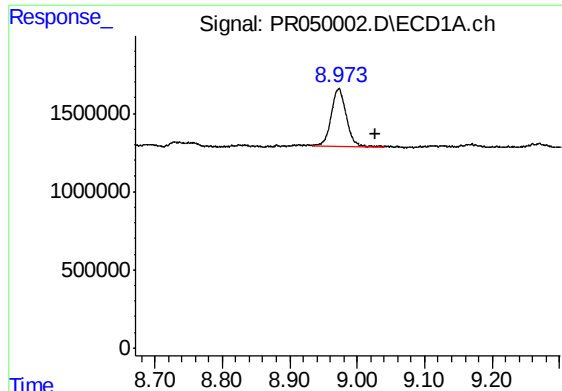
#38 AR-1262-3

R.T.: 8.973 min  
Delta R.T.: 0.042 min  
Response: 5626898  
Conc: 9.01 ng/ml



#38 AR-1262-3

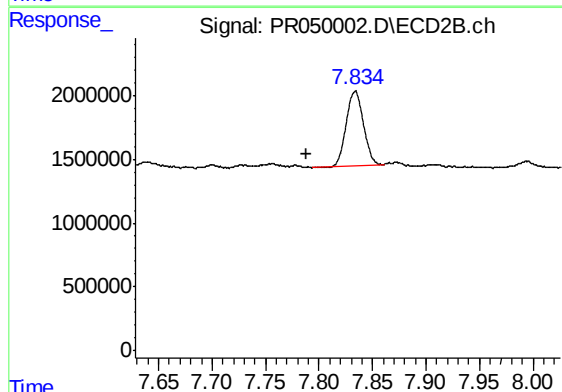
R.T.: 0.000 min  
Exp R.T. : 7.724 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

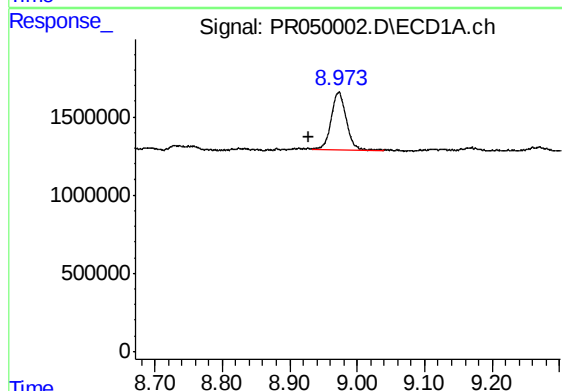
R.T.: 8.973 min  
Delta R.T.: -0.054 min  
Response: 5626898  
Conc: 12.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



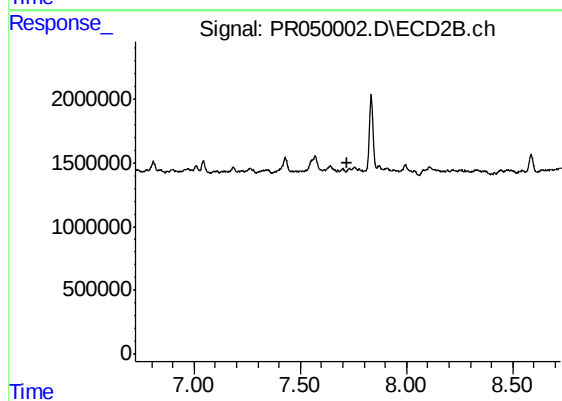
#39 AR-1262-4

R.T.: 7.834 min  
Delta R.T.: 0.046 min  
Response: 6691491  
Conc: 6.96 ng/ml



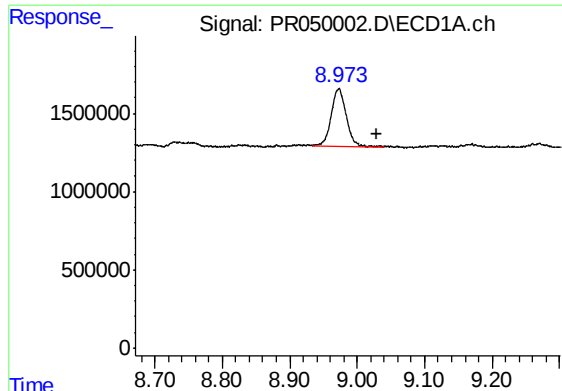
#41 AR-1268-1

R.T.: 8.973 min  
Delta R.T.: 0.044 min  
Response: 5626898  
Conc: 5.47 ng/ml



#41 AR-1268-1

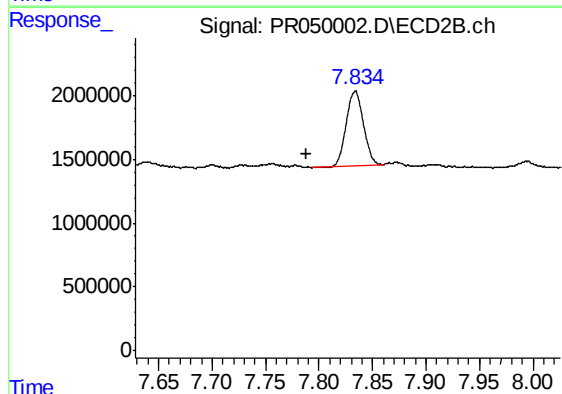
R.T.: 0.000 min  
Exp R.T. : 7.724 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

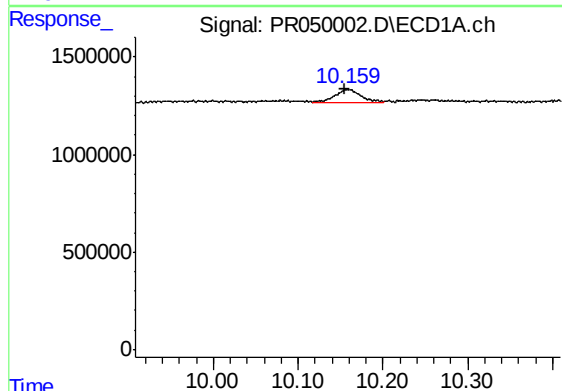
R.T.: 8.973 min  
Delta R.T.: -0.057 min  
Response: 5626898  
Conc: 6.01 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
BG546



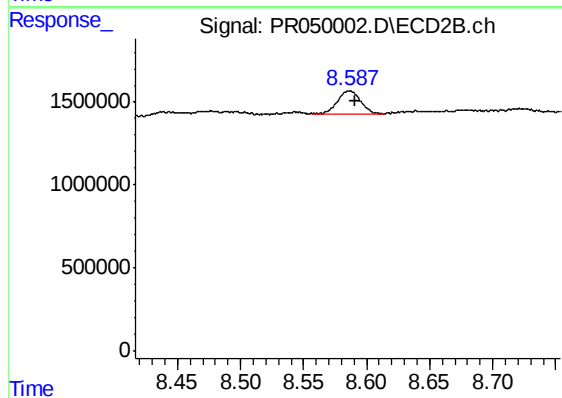
#42 AR-1268-2

R.T.: 7.834 min  
Delta R.T.: 0.046 min  
Response: 6691491  
Conc: 5.25 ng/ml



#45 AR-1268-5

R.T.: 10.158 min  
Delta R.T.: 0.004 min  
Response: 1334589  
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 8.587 min  
Delta R.T.: -0.004 min  
Response: 1783509  
Conc: 0.51 ng/ml