

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR111318\  
 Data File : PR033701.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2018 11:06  
 Operator : SM\SJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 12:58:53 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR111318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 13 12:53:44 2018  
 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... | 4.974  | 3.707 | 63032494 | 121.3E6  | 46.142    | 47.609      |
| 2)                          | SA Decachlor... | 11.007 | 8.684 | 73152358 | 121.9E6  | 40.451    | 40.732      |
| Target Compounds            |                 |        |       |          |          |           |             |
| 3)                          | L1 AR-1016-1    | 6.137  | 4.782 | 21197747 | 36215050 | 466.540   | 477.239     |
| 4)                          | L1 AR-1016-2    | 6.159  | 4.800 | 30111915 | 51459522 | 477.431   | 480.616     |
| 5)                          | L1 AR-1016-3    | 6.222  | 4.976 | 19094251 | 27295168 | 480.645   | 487.081     |
| 6)                          | L1 AR-1016-4    | 6.322  | 5.015 | 15597450 | 20445089 | 477.170   | 458.982     |
| 7)                          | L1 AR-1016-5    | 6.610  | 5.228 | 16001576 | 28864638 | 470.403   | 491.102     |
| 8)                          | L2 AR-1221-1    | 5.172  | 3.917 | 2233300  | 5003677  | 125.431   | 153.303     |
| 9)                          | L2 AR-1221-2    | 5.266  | 4.003 | 3252474  | 5216553  | 287.391   | 303.666     |
| 10)                         | L2 AR-1221-3    | 5.343  | 4.079 | 11435149 | 18858626 | 274.435   | 276.086     |
| 11)                         | L3 AR-1232-1    | 5.343  | 4.079 | 11435149 | 18858626 | 398.671   | 393.098     |
| 12)                         | L3 AR-1232-2    | 5.873  | 4.800 | 15407426 | 51459522 | 11777.829 | 13871.718   |
| 13)                         | L3 AR-1232-3    | 6.159  | 4.976 | 30111915 | 27295168 | 12340.656 | 9717.206    |
| 14)                         | L3 AR-1232-4    | 6.322  | 5.057 | 15597450 | 26245164 | 11284.770 | 9343.400    |
| 15)                         | L3 AR-1232-5    | 6.405  | 5.228 | 13846914 | 28864638 | 6638.083  | 13522.429 # |
| 16)                         | L4 AR-1242-1    | 6.137  | 4.782 | 21197747 | 36215050 | 8687.395  | 13151.136 # |
| 17)                         | L4 AR-1242-2    | 6.159  | 4.800 | 30111915 | 51459522 | 12340.656 | 13871.718   |
| 18)                         | L4 AR-1242-3    | 6.222  | 4.976 | 19094251 | 27295168 | 11366.279 | 9717.206    |
| 19)                         | L4 AR-1242-4    | 6.322  | 5.057 | 15597450 | 26245164 | 11284.770 | 9343.400    |
| 20)                         | L4 AR-1242-5    | 7.047  | 5.575 | 17061921 | 34303510 | 9525.344  | 1752.024 #  |
| 21)                         | L5 AR-1248-1    | 6.137  | 4.782 | 21197747 | 36215050 | 8687.395  | 13151.136 # |
| 22)                         | L5 AR-1248-2    | 6.405  | 5.015 | 13846914 | 20445089 | 6638.083  | 7278.546    |
| 23)                         | L5 AR-1248-3    | 6.610  | 5.057 | 16001576 | 26245164 | 10245.989 | 9343.400    |
| 24)                         | L5 AR-1248-4    | 7.007  | 5.228 | 16482472 | 28864638 | 9201.848  | 13522.429 # |
| 25)                         | L5 AR-1248-5    | 7.047  | 5.616 | 17061921 | 29289322 | 9525.344  | 1495.928 #  |
| 26)                         | L6 AR-1254-1    | 6.981  | 5.575 | 12523900 | 34303510 | 870.142   | 1752.024 #  |
| 27)                         | L6 AR-1254-2    | 7.205  | 5.720 | 14954117 | 8460904  | 963.515   | 384.551 #   |
| 28)                         | L6 AR-1254-3    | 7.561  | 6.123 | 6205470  | 11125435 | 899.943   | 131.703 #   |
| 29)                         | L6 AR-1254-4    | 7.841  | 6.349 | 5042732  | 8088913  | 736.892   | 1642.868 #  |
| 30)                         | L6 AR-1254-5    | 8.263  | 6.765 | 1144155  | 1953532  | 15.434    | 18.454      |
| 31)                         | L7 AR-1260-1    | 7.686  | 6.240 | 2578536  | 2730820  | 32.447    | 18.926 #    |
| 32)                         | L7 AR-1260-2    | 7.966  | 0.000 | 1483649  | 0        | 15.452    | N.D. #      |
| 36)                         | L8 AR-1262-1    | 8.263  | 0.000 | 1144155  | 0        | 10.596    | N.D. #      |
| -----                       |                 |        |       |          |          |           |             |

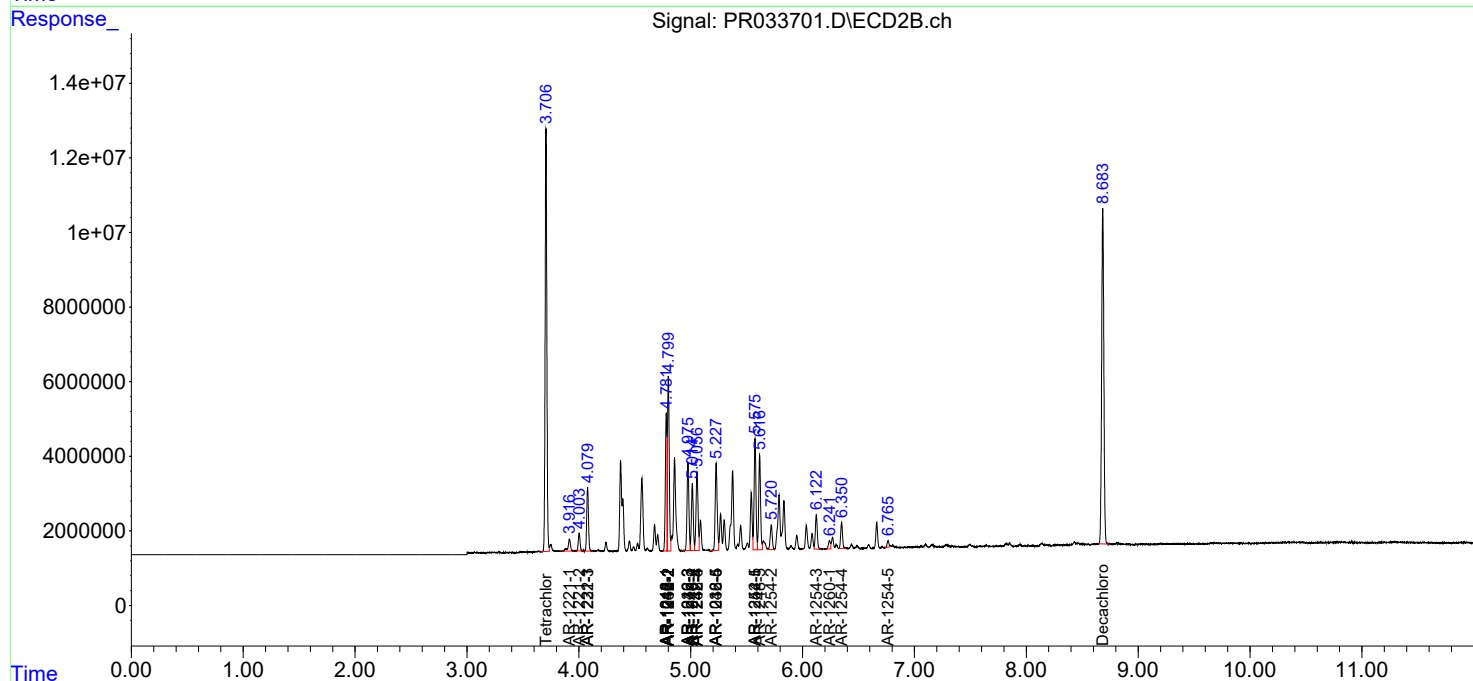
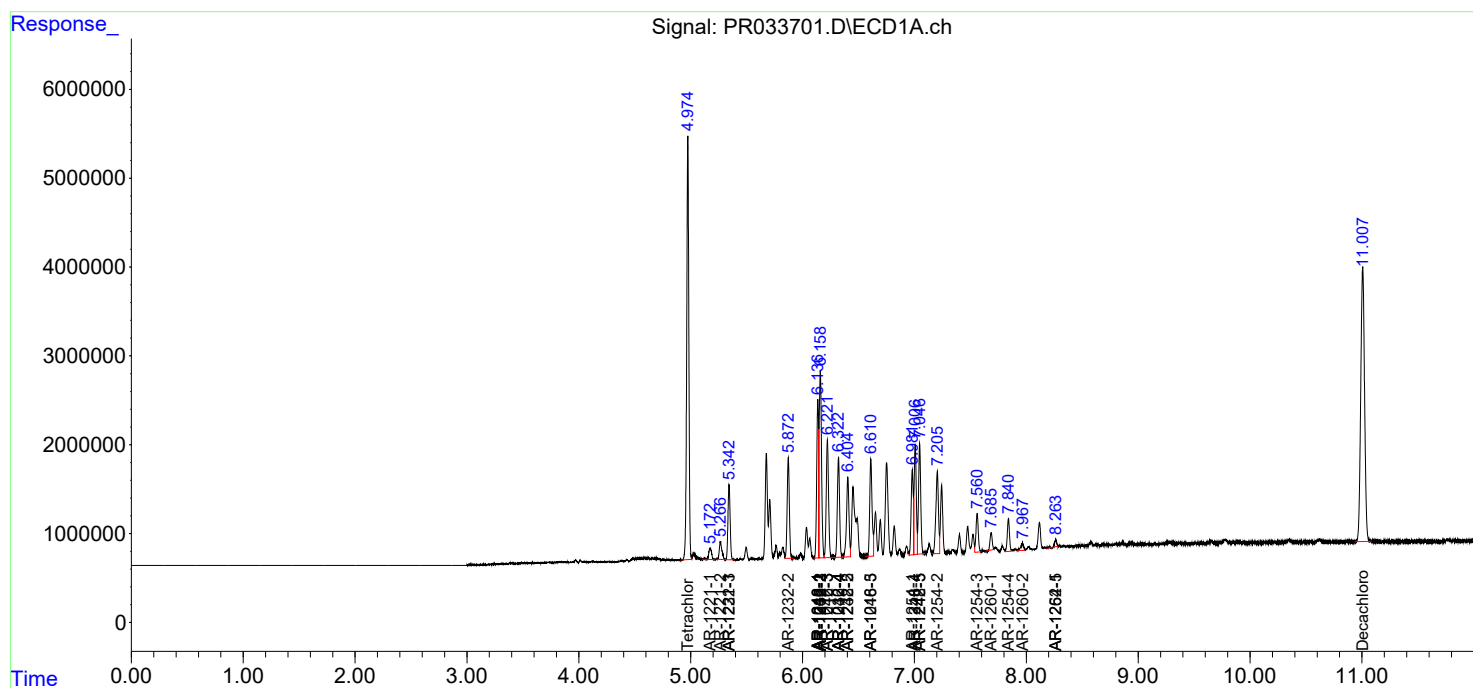
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

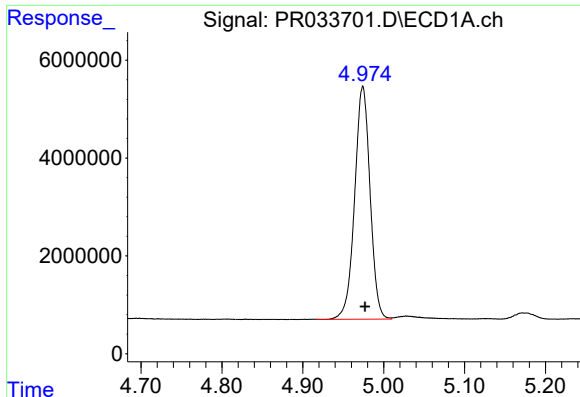
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR111318\  
Data File : PR033701.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2018 11:06  
Operator : SM\SJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 12:58:53 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR111318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 13 12:53:44 2018  
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

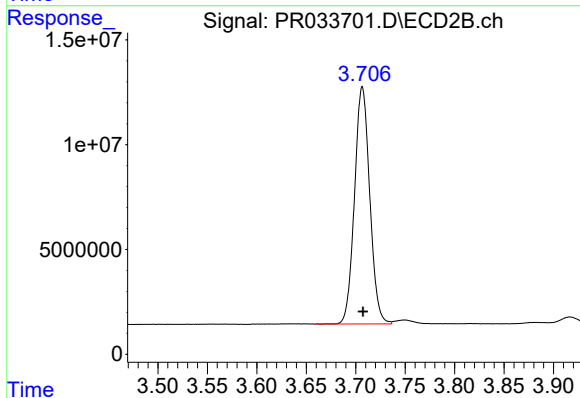




#1 Tetrachloro-m-xylene

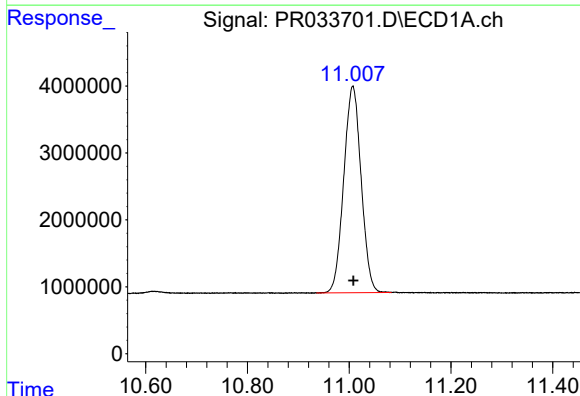
R.T.: 4.974 min  
Delta R.T.: -0.003 min  
Response: 63032494  
Conc: 46.14 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



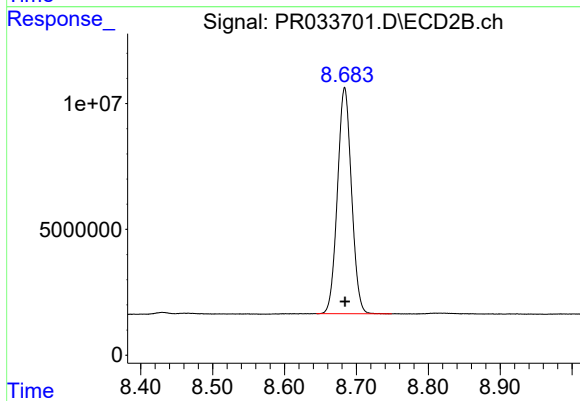
#1 Tetrachloro-m-xylene

R.T.: 3.707 min  
Delta R.T.: 0.000 min  
Response: 121341720  
Conc: 47.61 ng/ml



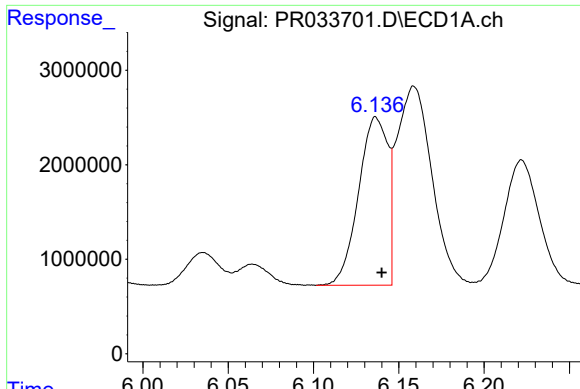
#2 Decachlorobiphenyl

R.T.: 11.007 min  
Delta R.T.: -0.001 min  
Response: 73152358  
Conc: 40.45 ng/ml



#2 Decachlorobiphenyl

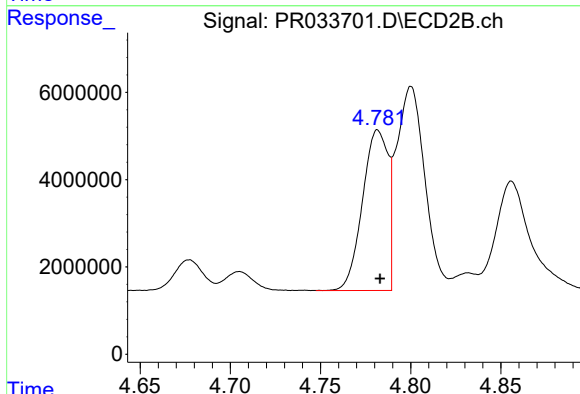
R.T.: 8.684 min  
Delta R.T.: 0.000 min  
Response: 121852980  
Conc: 40.73 ng/ml



#3 AR-1016-1

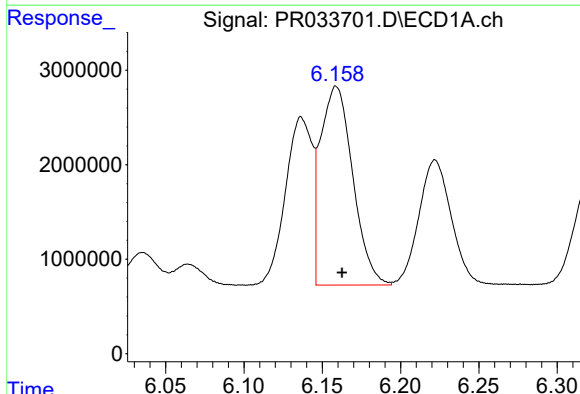
R.T.: 6.137 min  
Delta R.T.: -0.003 min  
Response: 21197747  
Conc: 466.54 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



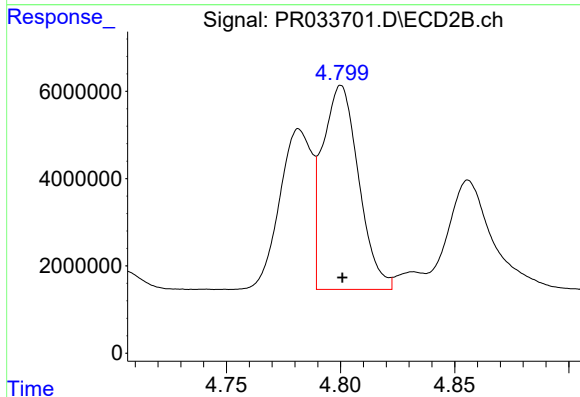
#3 AR-1016-1

R.T.: 4.782 min  
Delta R.T.: -0.001 min  
Response: 36215050  
Conc: 477.24 ng/ml



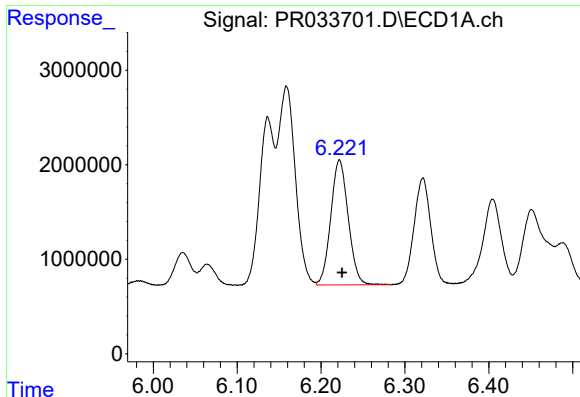
#4 AR-1016-2

R.T.: 6.159 min  
Delta R.T.: -0.004 min  
Response: 30111915  
Conc: 477.43 ng/ml



#4 AR-1016-2

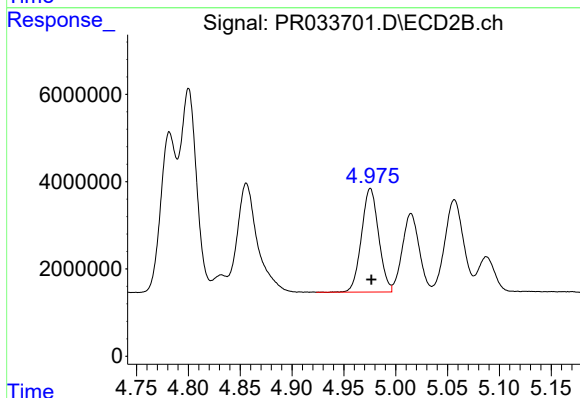
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 51459522  
Conc: 480.62 ng/ml



#5 AR-1016-3

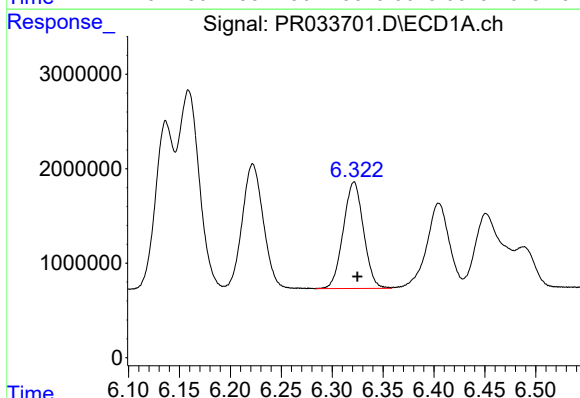
R.T.: 6.222 min  
Delta R.T.: -0.003 min  
Response: 19094251  
Conc: 480.65 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



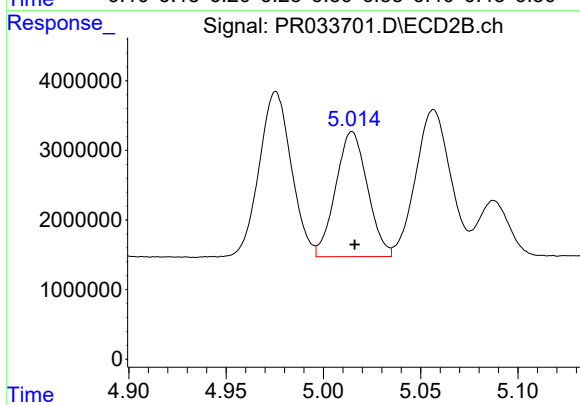
#5 AR-1016-3

R.T.: 4.976 min  
Delta R.T.: -0.001 min  
Response: 27295168  
Conc: 487.08 ng/ml



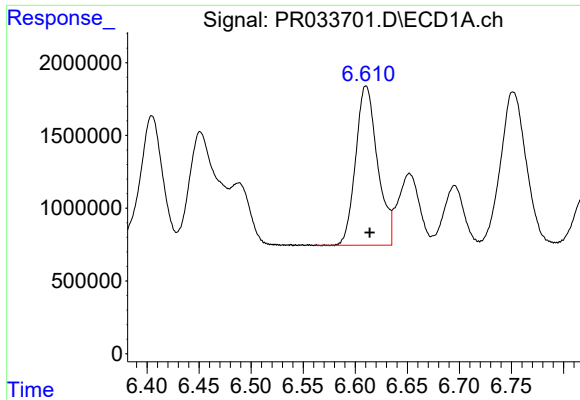
#6 AR-1016-4

R.T.: 6.322 min  
Delta R.T.: -0.003 min  
Response: 15597450  
Conc: 477.17 ng/ml



#6 AR-1016-4

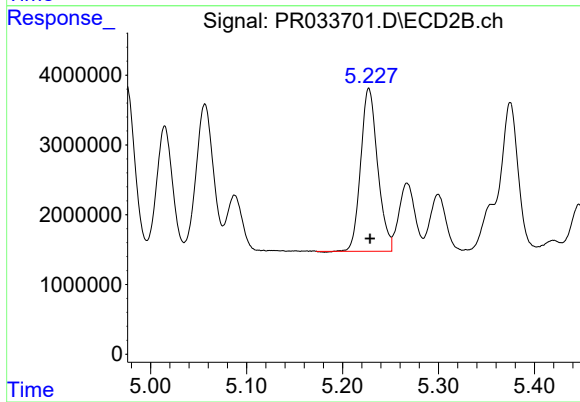
R.T.: 5.015 min  
Delta R.T.: -0.001 min  
Response: 20445089  
Conc: 458.98 ng/ml



#7 AR-1016-5

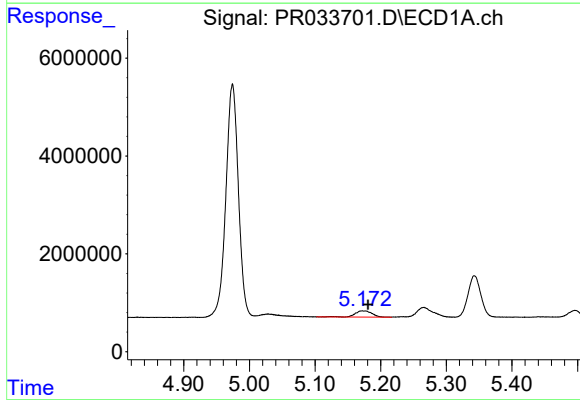
R.T.: 6.610 min  
Delta R.T.: -0.004 min  
Response: 16001576  
Conc: 470.40 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



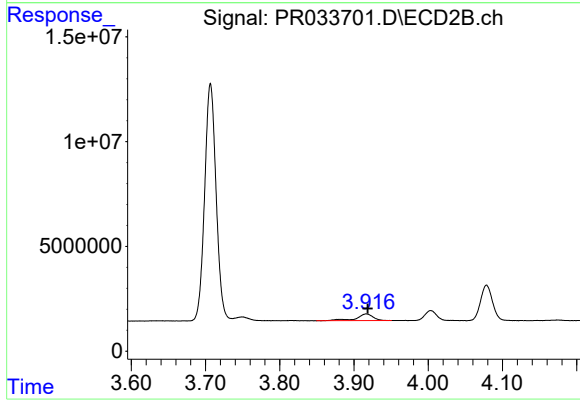
#7 AR-1016-5

R.T.: 5.228 min  
Delta R.T.: -0.001 min  
Response: 28864638  
Conc: 491.10 ng/ml



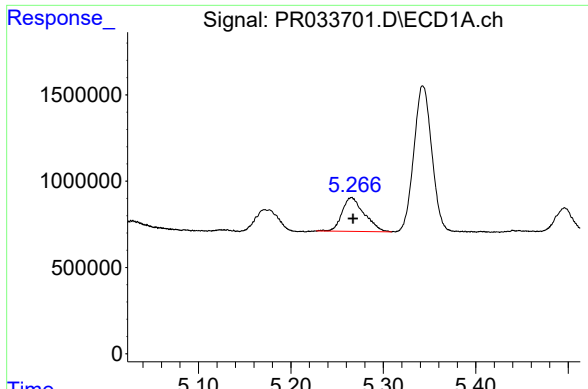
#8 AR-1221-1

R.T.: 5.172 min  
Delta R.T.: -0.009 min  
Response: 2233300  
Conc: 125.43 ng/ml



#8 AR-1221-1

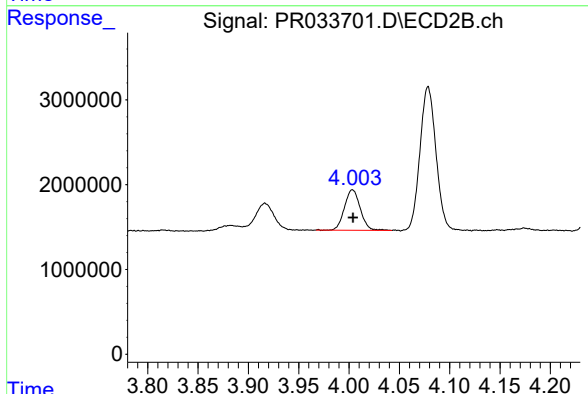
R.T.: 3.917 min  
Delta R.T.: -0.002 min  
Response: 5003677  
Conc: 153.30 ng/ml



#9 AR-1221-2

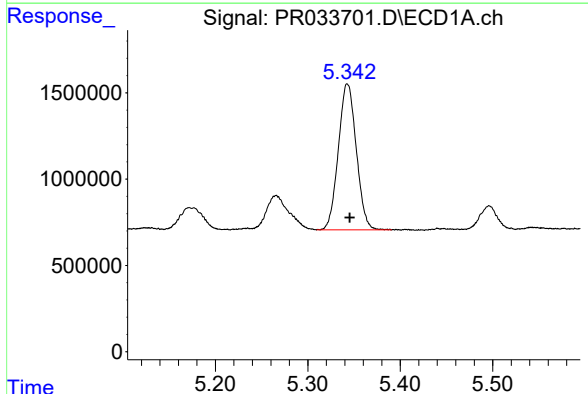
R.T.: 5.266 min  
Delta R.T.: -0.002 min  
Response: 3252474  
Conc: 287.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



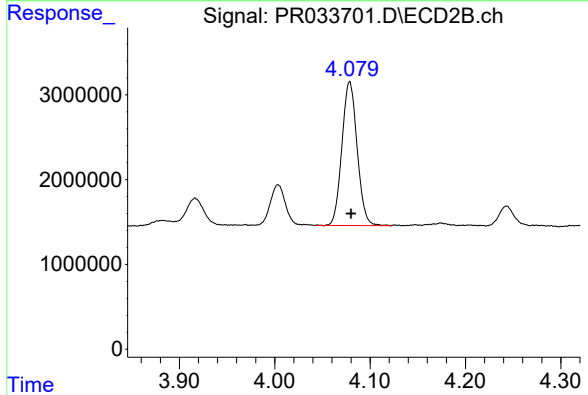
#9 AR-1221-2

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 5216553  
Conc: 303.67 ng/ml



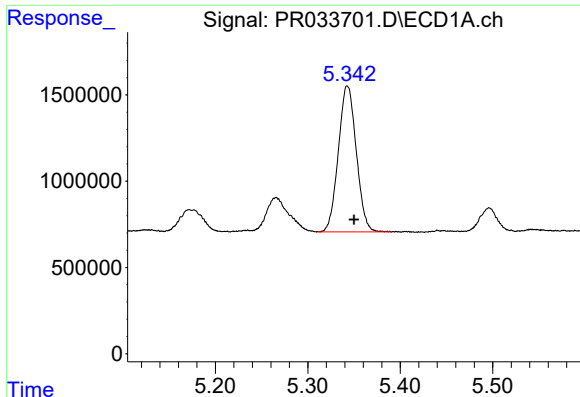
#10 AR-1221-3

R.T.: 5.343 min  
Delta R.T.: -0.003 min  
Response: 11435149  
Conc: 274.43 ng/ml



#10 AR-1221-3

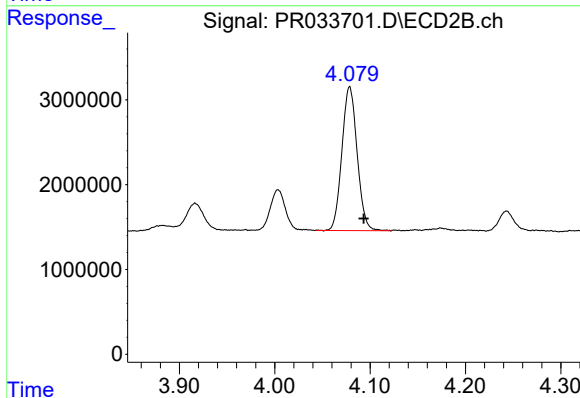
R.T.: 4.079 min  
Delta R.T.: -0.001 min  
Response: 18858626  
Conc: 276.09 ng/ml



#11 AR-1232-1

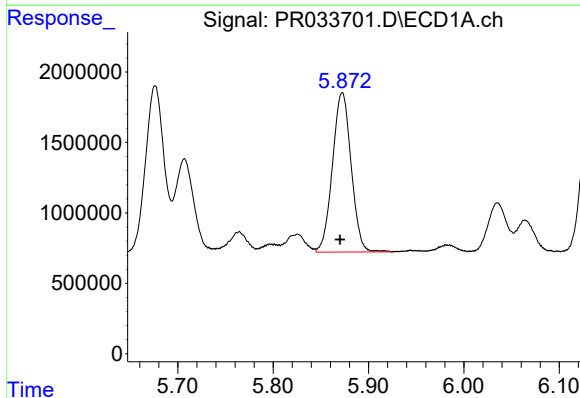
R.T.: 5.343 min  
Delta R.T.: -0.007 min  
Response: 11435149  
Conc: 398.67 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



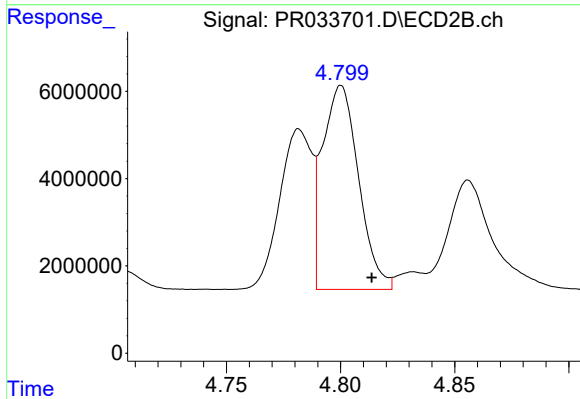
#11 AR-1232-1

R.T.: 4.079 min  
Delta R.T.: -0.015 min  
Response: 18858626  
Conc: 393.10 ng/ml



#12 AR-1232-2

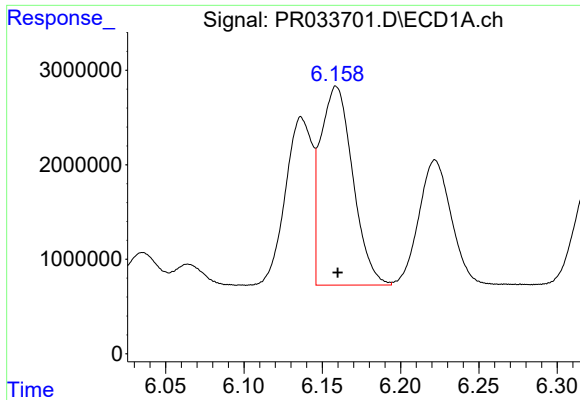
R.T.: 5.873 min  
Delta R.T.: 0.003 min  
Response: 15407426  
Conc: 11777.83 ng/ml



#12 AR-1232-2

R.T.: 4.800 min  
Delta R.T.: -0.013 min  
Response: 51459522  
Conc: 13871.72 ng/ml

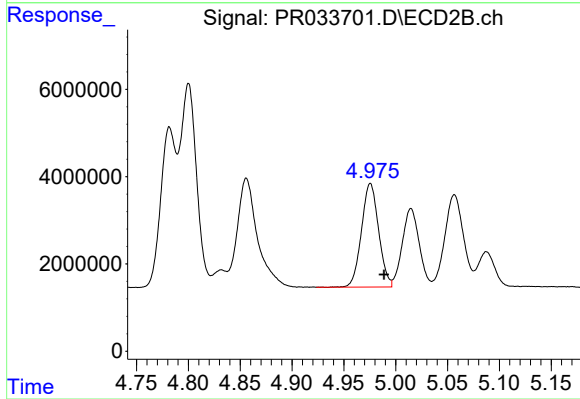




#13 AR-1232-3

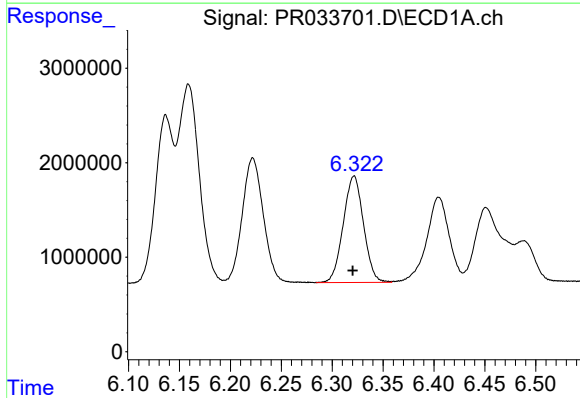
R.T.: 6.159 min  
Delta R.T.: -0.001 min  
Response: 30111915  
Conc: 12340.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



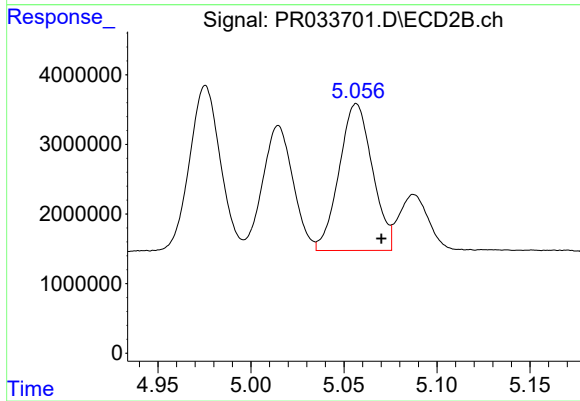
#13 AR-1232-3

R.T.: 4.976 min  
Delta R.T.: -0.013 min  
Response: 27295168  
Conc: 9717.21 ng/ml



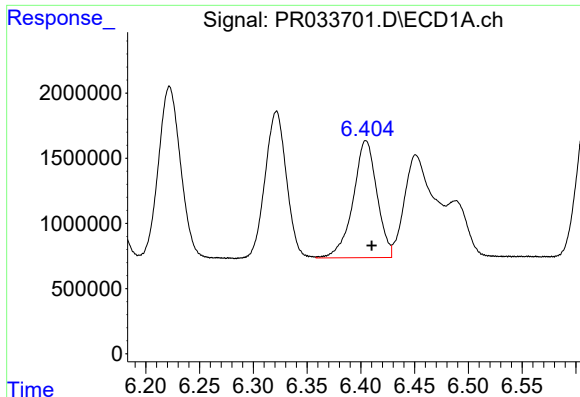
#14 AR-1232-4

R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 15597450  
Conc: 11284.77 ng/ml



#14 AR-1232-4

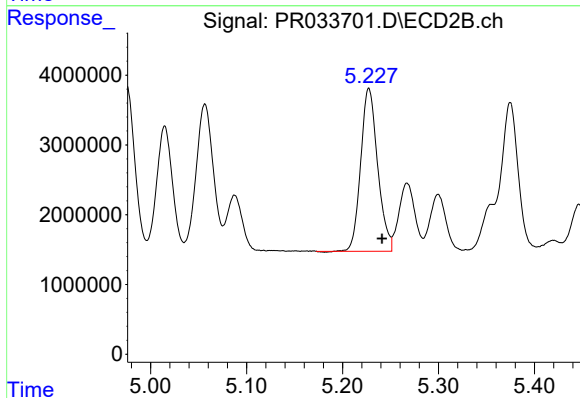
R.T.: 5.057 min  
Delta R.T.: -0.014 min  
Response: 26245164  
Conc: 9343.40 ng/ml



#15 AR-1232-5

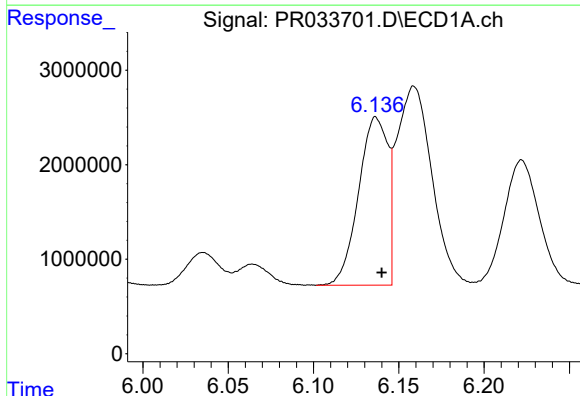
R.T.: 6.405 min  
Delta R.T.: -0.005 min  
Response: 13846914  
Conc: 6638.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



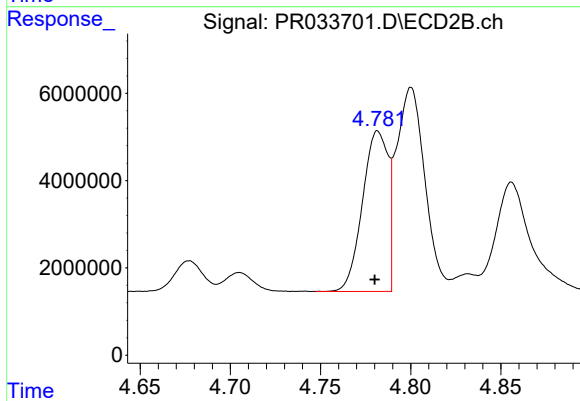
#15 AR-1232-5

R.T.: 5.228 min  
Delta R.T.: -0.014 min  
Response: 28864638  
Conc: 13522.43 ng/ml



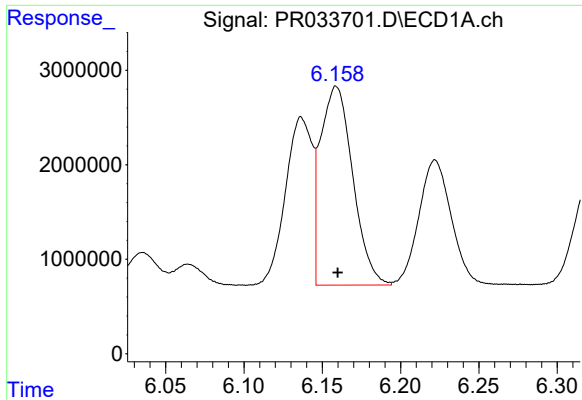
#16 AR-1242-1

R.T.: 6.137 min  
Delta R.T.: -0.003 min  
Response: 21197747  
Conc: 8687.40 ng/ml



#16 AR-1242-1

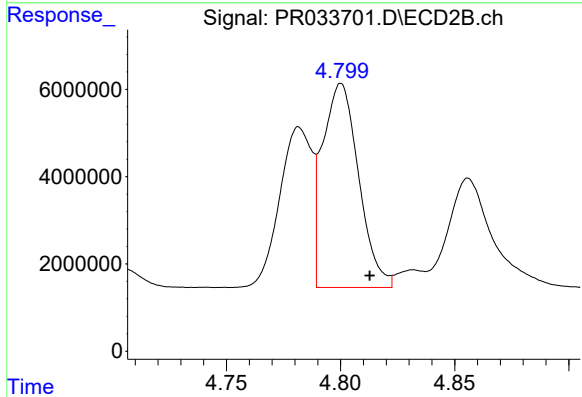
R.T.: 4.782 min  
Delta R.T.: 0.002 min  
Response: 36215050  
Conc: 13151.14 ng/ml



#17 AR-1242-2

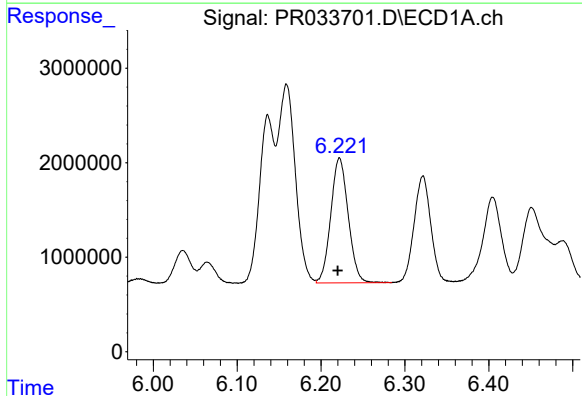
R.T.: 6.159 min  
Delta R.T.: -0.001 min  
Response: 30111915  
Conc: 12340.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



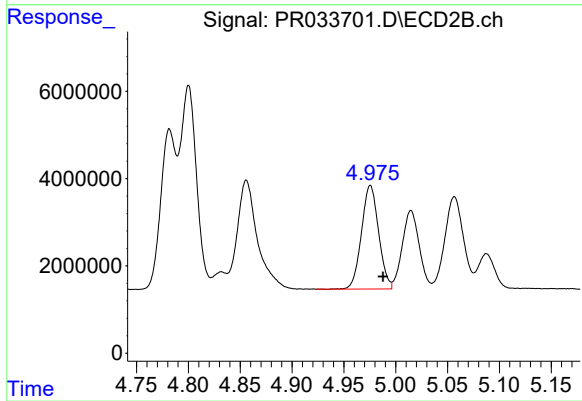
#17 AR-1242-2

R.T.: 4.800 min  
Delta R.T.: -0.013 min  
Response: 51459522  
Conc: 13871.72 ng/ml



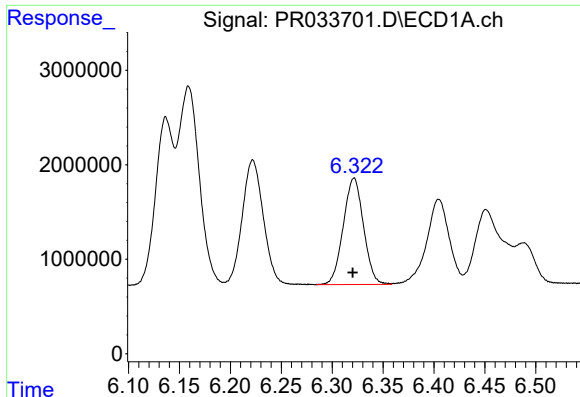
#18 AR-1242-3

R.T.: 6.222 min  
Delta R.T.: 0.002 min  
Response: 19094251  
Conc: 11366.28 ng/ml



#18 AR-1242-3

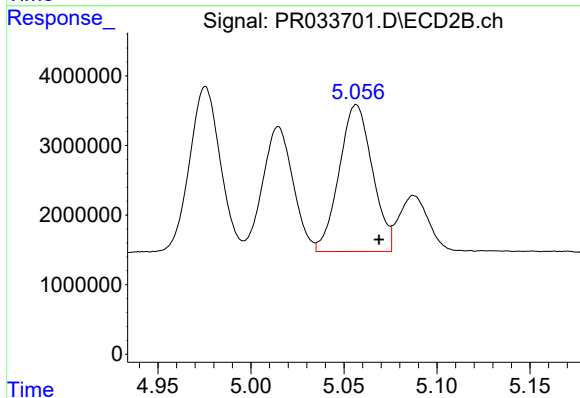
R.T.: 4.976 min  
Delta R.T.: -0.012 min  
Response: 27295168  
Conc: 9717.21 ng/ml



#19 AR-1242-4

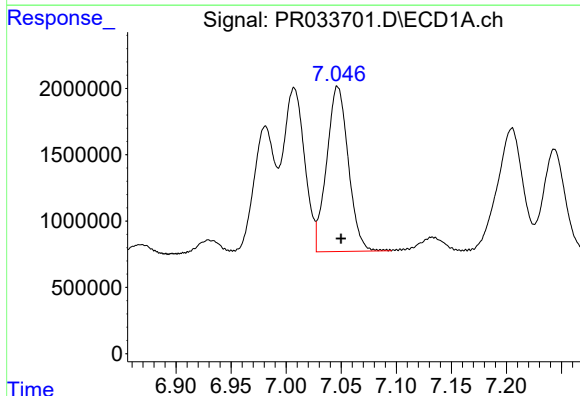
R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 15597450  
Conc: 11284.77 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



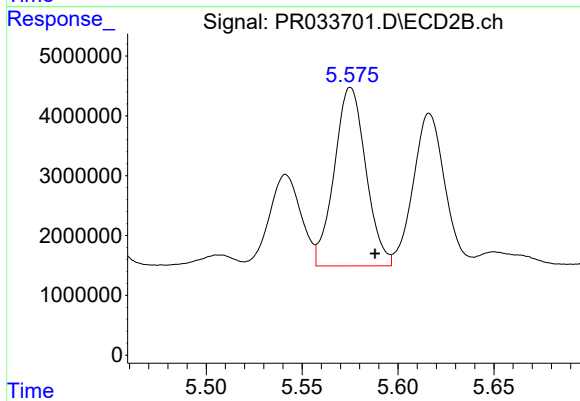
#19 AR-1242-4

R.T.: 5.057 min  
Delta R.T.: -0.012 min  
Response: 26245164  
Conc: 9343.40 ng/ml



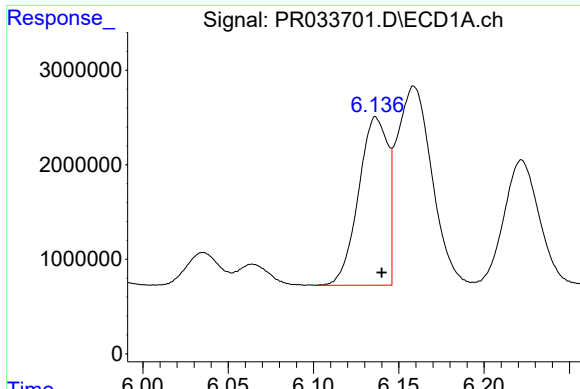
#20 AR-1242-5

R.T.: 7.047 min  
Delta R.T.: -0.003 min  
Response: 17061921  
Conc: 9525.34 ng/ml



#20 AR-1242-5

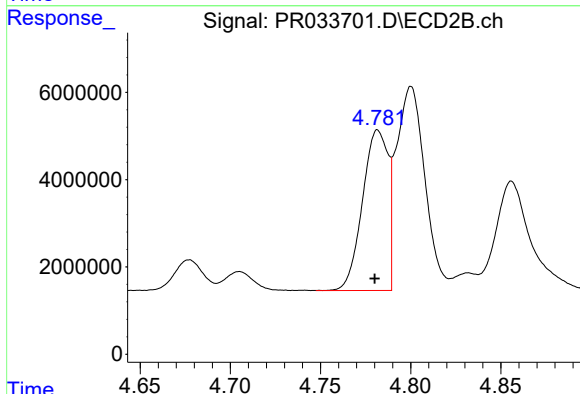
R.T.: 5.575 min  
Delta R.T.: -0.013 min  
Response: 34303510  
Conc: 1752.02 ng/ml



#21 AR-1248-1

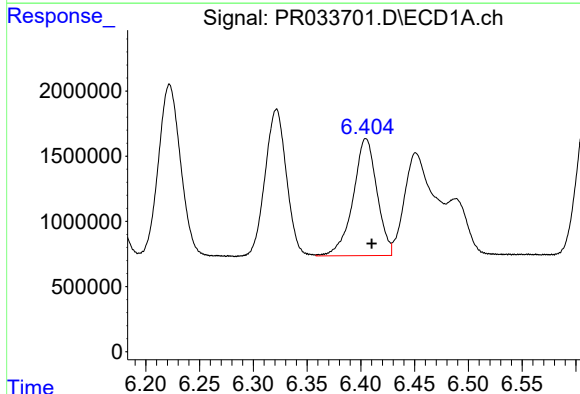
R.T.: 6.137 min  
Delta R.T.: -0.003 min  
Response: 21197747  
Conc: 8687.40 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



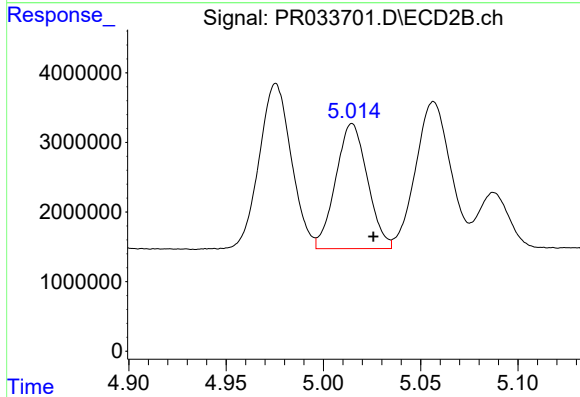
#21 AR-1248-1

R.T.: 4.782 min  
Delta R.T.: 0.002 min  
Response: 36215050  
Conc: 13151.14 ng/ml



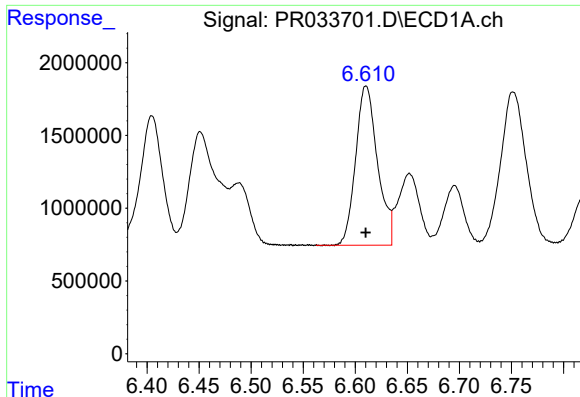
#22 AR-1248-2

R.T.: 6.405 min  
Delta R.T.: -0.005 min  
Response: 13846914  
Conc: 6638.08 ng/ml



#22 AR-1248-2

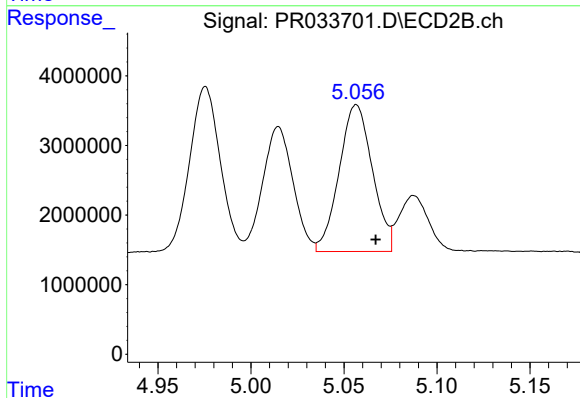
R.T.: 5.015 min  
Delta R.T.: -0.011 min  
Response: 20445089  
Conc: 7278.55 ng/ml



#23 AR-1248-3

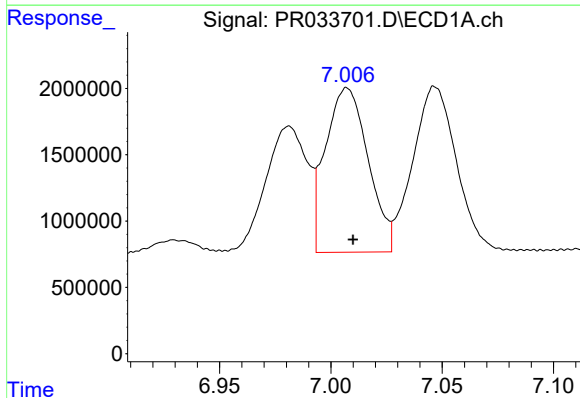
R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 16001576  
Conc: 10245.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



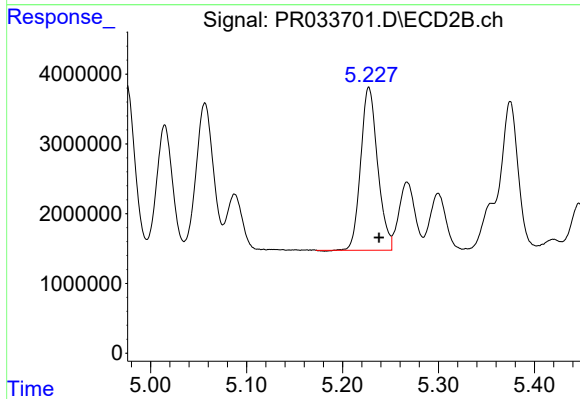
#23 AR-1248-3

R.T.: 5.057 min  
Delta R.T.: -0.010 min  
Response: 26245164  
Conc: 9343.40 ng/ml



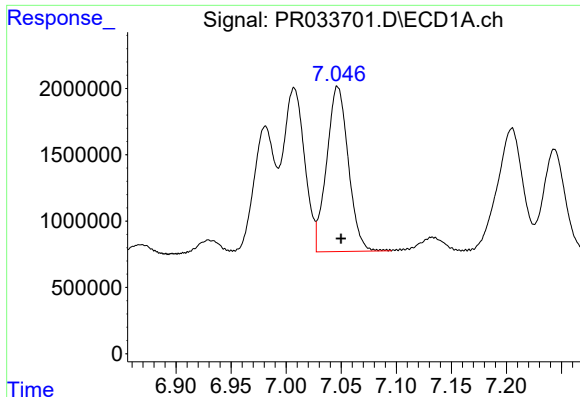
#24 AR-1248-4

R.T.: 7.007 min  
Delta R.T.: -0.003 min  
Response: 16482472  
Conc: 9201.85 ng/ml



#24 AR-1248-4

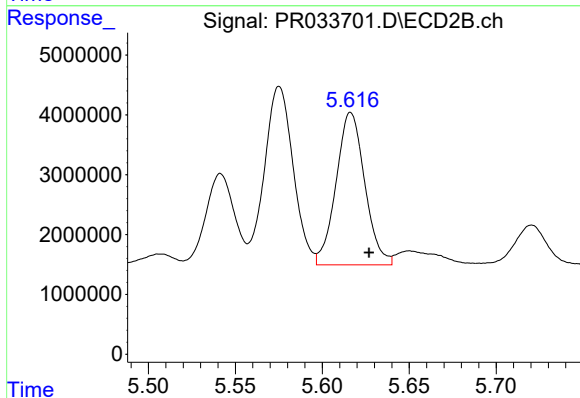
R.T.: 5.228 min  
Delta R.T.: -0.011 min  
Response: 28864638  
Conc: 13522.43 ng/ml



#25 AR-1248-5

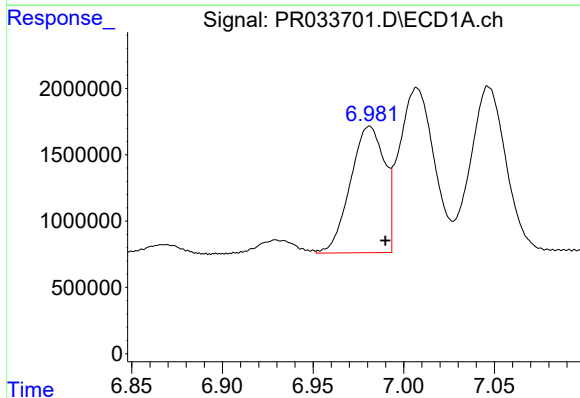
R.T.: 7.047 min  
Delta R.T.: -0.003 min  
Response: 17061921  
Conc: 9525.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



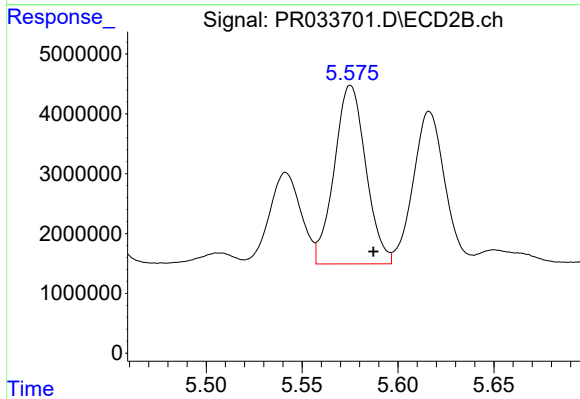
#25 AR-1248-5

R.T.: 5.616 min  
Delta R.T.: -0.010 min  
Response: 29289322  
Conc: 1495.93 ng/ml



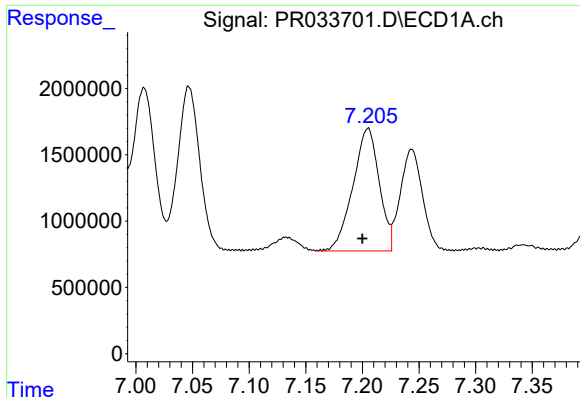
#26 AR-1254-1

R.T.: 6.981 min  
Delta R.T.: -0.009 min  
Response: 12523900  
Conc: 870.14 ng/ml



#26 AR-1254-1

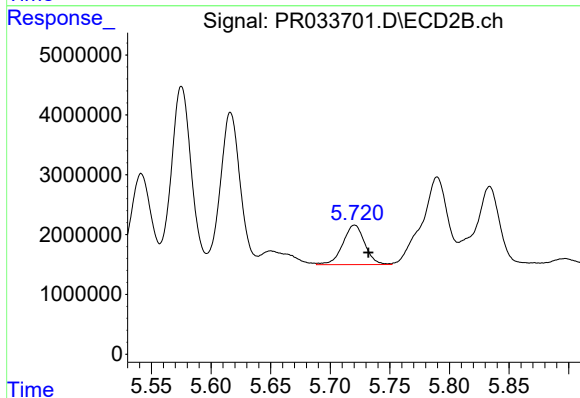
R.T.: 5.575 min  
Delta R.T.: -0.012 min  
Response: 34303510  
Conc: 1752.02 ng/ml



#27 AR-1254-2

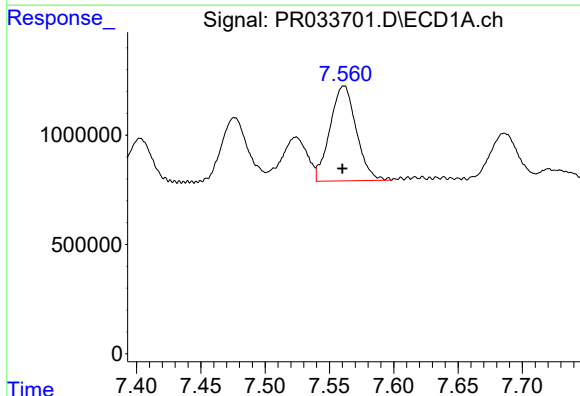
R.T.: 7.205 min  
Delta R.T.: 0.005 min  
Response: 14954117  
Conc: 963.52 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



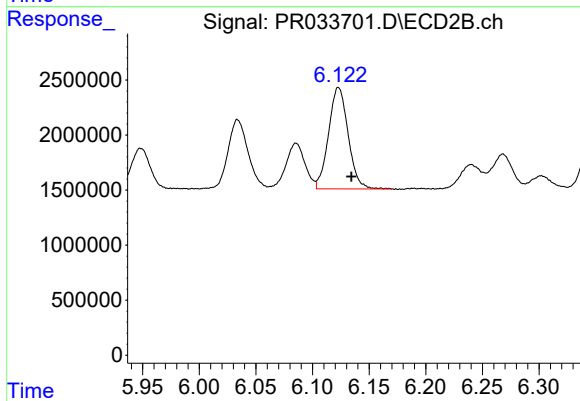
#27 AR-1254-2

R.T.: 5.720 min  
Delta R.T.: -0.012 min  
Response: 8460904  
Conc: 384.55 ng/ml



#28 AR-1254-3

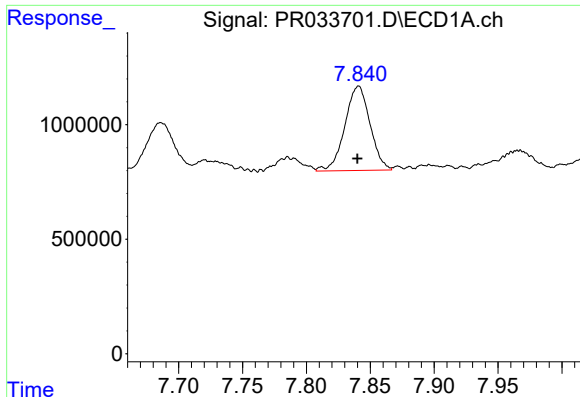
R.T.: 7.561 min  
Delta R.T.: 0.001 min  
Response: 6205470  
Conc: 899.94 ng/ml



#28 AR-1254-3

R.T.: 6.123 min  
Delta R.T.: -0.011 min  
Response: 11125435  
Conc: 131.70 ng/ml

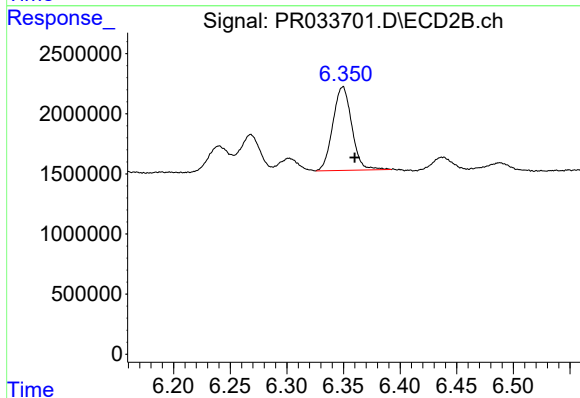




#29 AR-1254-4

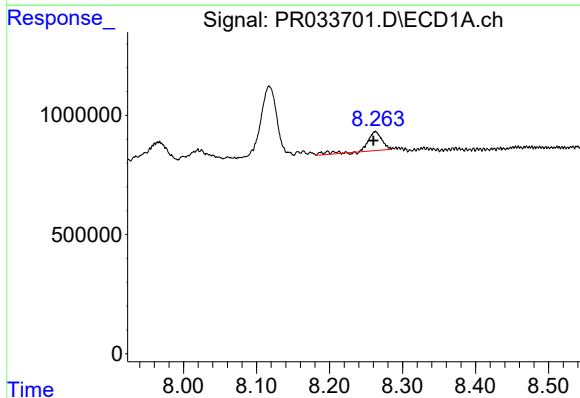
R.T.: 7.841 min  
Delta R.T.: 0.000 min  
Response: 5042732  
Conc: 736.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



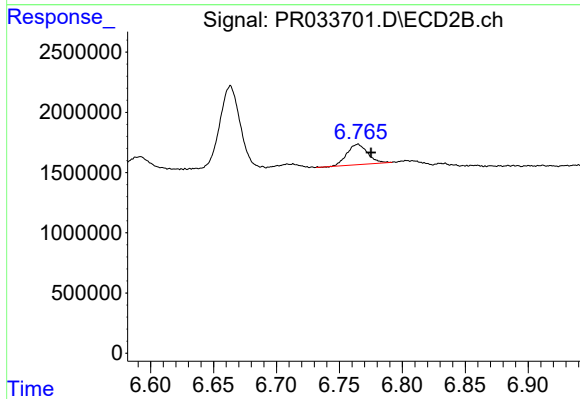
#29 AR-1254-4

R.T.: 6.349 min  
Delta R.T.: -0.010 min  
Response: 8088913  
Conc: 1642.87 ng/ml



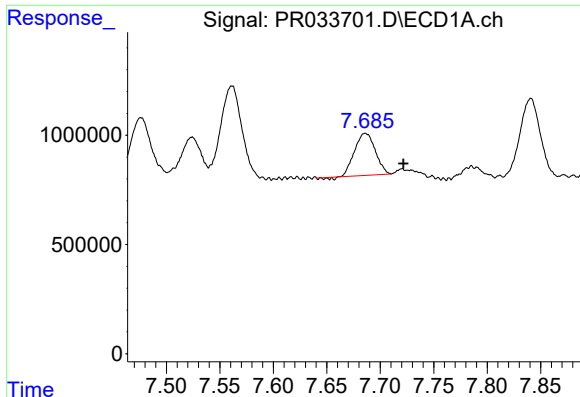
#30 AR-1254-5

R.T.: 8.263 min  
Delta R.T.: 0.003 min  
Response: 1144155  
Conc: 15.43 ng/ml



#30 AR-1254-5

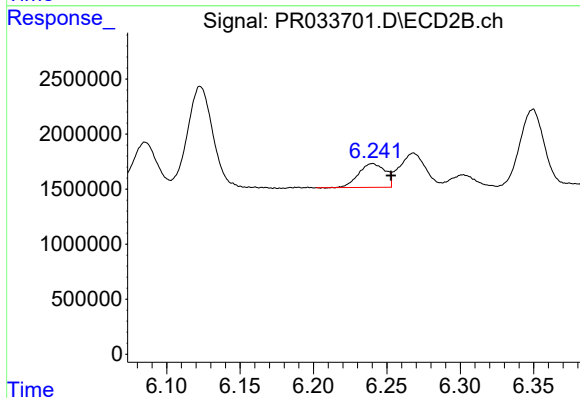
R.T.: 6.765 min  
Delta R.T.: -0.011 min  
Response: 1953532  
Conc: 18.45 ng/ml



#31 AR-1260-1

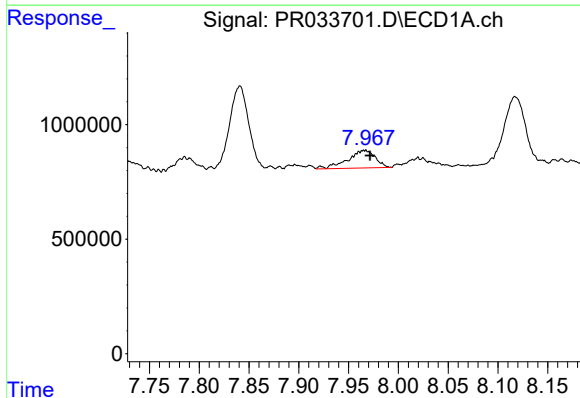
R.T.: 7.686 min  
Delta R.T.: -0.036 min  
Response: 2578536  
Conc: 32.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



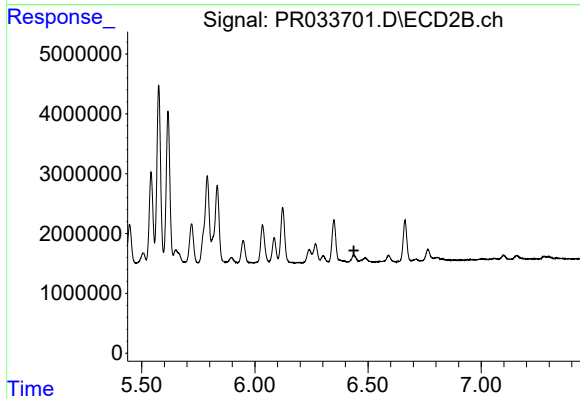
#31 AR-1260-1

R.T.: 6.240 min  
Delta R.T.: -0.013 min  
Response: 2730820  
Conc: 18.93 ng/ml



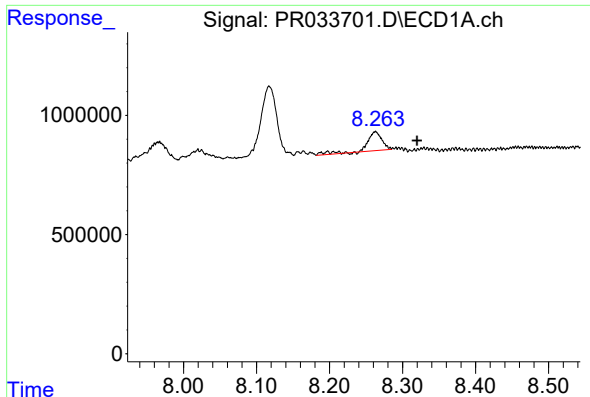
#32 AR-1260-2

R.T.: 7.966 min  
Delta R.T.: -0.006 min  
Response: 1483649  
Conc: 15.45 ng/ml



#32 AR-1260-2

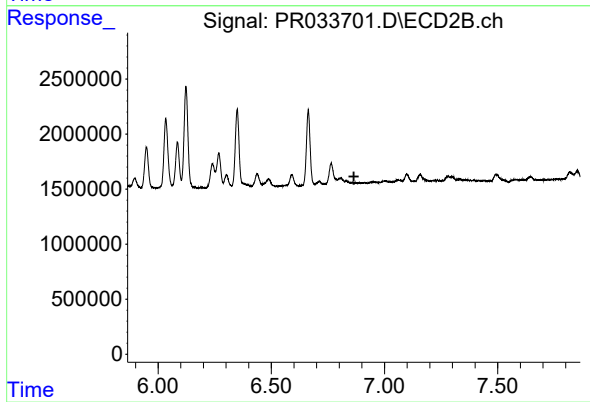
R.T.: 0.000 min  
Exp R.T. : 6.438 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 8.263 min  
Delta R.T.: -0.057 min  
Response: 1144155  
Conc: 10.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.865 min  
Response: 0  
Conc: N.D.