

Data Path : P:\HPCHEM1\ECD\_R\Data\PR052118\  
 Data File : PR028101.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 May 2018 19:14  
 Operator : UA/SM  
 Sample : J3010-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 22 03:43:49 2018  
 Quant Method : P:\HPCHEM1\ECD\_R\Method\PR051618.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed May 16 16:06:21 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... | 4.585  | 3.750 | 198.4E6  | 549.0E6  | 13.064 | 13.704    |
| 2)                          | SA Decachlor... | 10.347 | 8.712 | 125.0E6  | 680.0E6  | 18.470 | 19.208    |
|                             |                 |        |       |          |          |        |           |
| Target Compounds            |                 |        |       |          |          |        |           |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.622 | 0        | 35281546 | N.D.   | 30.959 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.170 | 0        | 196.1E6  | N.D.   | 98.779 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.170 | 0        | 196.1E6  | N.D.   | 210.283 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.622 | 0        | 35281546 | N.D.   | 54.713 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.622 | 0        | 35281546 | N.D.   | 65.758 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.622 | 0        | 35281546 | N.D.   | 14.091 #  |
| 25)                         | L5 AR-1248-5    | 6.812  | 5.622 | 11367720 | 35281546 | 22.261 | 20.019    |
| 27)                         | L6 AR-1254-2    | 6.812  | 5.766 | 11367720 | 44127122 | 14.396 | 18.238 #  |
| 28)                         | L6 AR-1254-3    | 7.234  | 6.177 | 16067626 | 95274684 | 19.353 | 24.307 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.415 | 0        | 23901093 | N.D.   | 8.335 #   |
| 30)                         | L6 AR-1254-5    | 7.870  | 6.799 | 39783304 | 158.0E6  | 66.592 | 49.432 #  |
| 31)                         | L7 AR-1260-1    | 7.338  | 6.291 | 25149084 | 109.8E6  | 49.261 | 49.150    |
| 32)                         | L7 AR-1260-2    | 7.590  | 6.475 | 33671804 | 140.4E6  | 56.300 | 55.203    |
| 33)                         | L7 AR-1260-3    | 7.946  | 6.799 | 25208167 | 158.0E6  | 59.504 | 56.104    |
| 34)                         | L7 AR-1260-4    | 8.175  | 7.094 | 29127272 | 108.5E6  | 60.650 | 60.769    |
| 35)                         | L7 AR-1260-5    | 8.496  | 7.331 | 62693943 | 299.3E6  | 72.308 | 67.283    |
| 36)                         | L8 AR-1262-1    | 7.338  | 6.291 | 25149084 | 109.8E6  | 50.744 | 49.250    |
| 37)                         | L8 AR-1262-2    | 7.590  | 6.475 | 33671804 | 140.4E6  | 60.571 | 64.357    |
| 38)                         | L8 AR-1262-3    | 7.946  | 6.836 | 25208167 | 124.3E6  | 35.417 | 41.831    |
| 39)                         | L8 AR-1262-4    | 8.175  | 7.094 | 29127272 | 108.5E6  | 43.789 | 35.037    |
| 40)                         | L8 AR-1262-5    | 8.496  | 7.331 | 62693943 | 299.3E6  | 55.129 | 46.332    |
| 41)                         | L9 AR-1268-1    | 8.829  | 7.612 | 44093040 | 95221800 | 37.029 | 13.862 #  |
| 42)                         | L9 AR-1268-2    | 8.908  | 7.675 | 15250553 | 250.8E6  | 13.812 | 39.090 #  |
| 44)                         | L9 AR-1268-4    | 9.574  | 8.167 | 22206777 | 108.8E6  | 52.997 | 53.668    |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.457 | 0        | 53940263 | N.D.   | 3.533 #   |
| -----                       |                 |        |       |          |          |        |           |

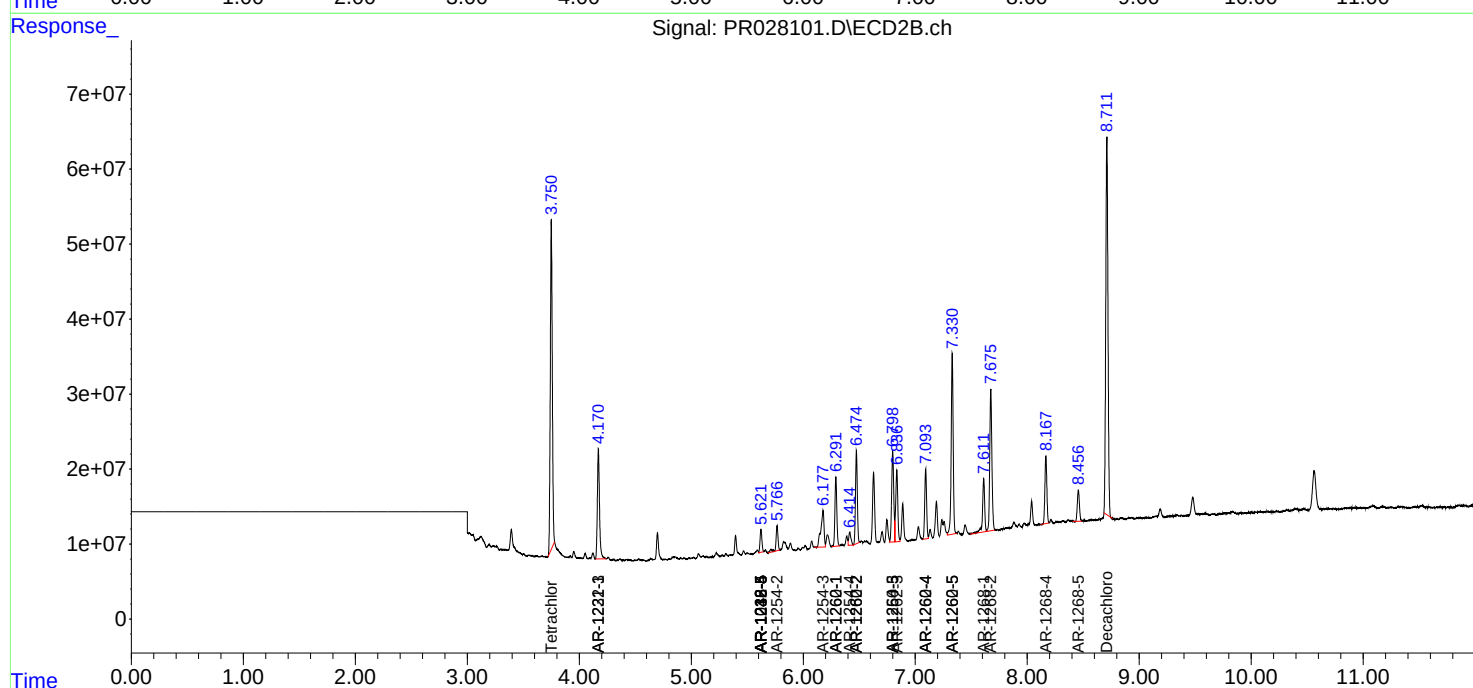
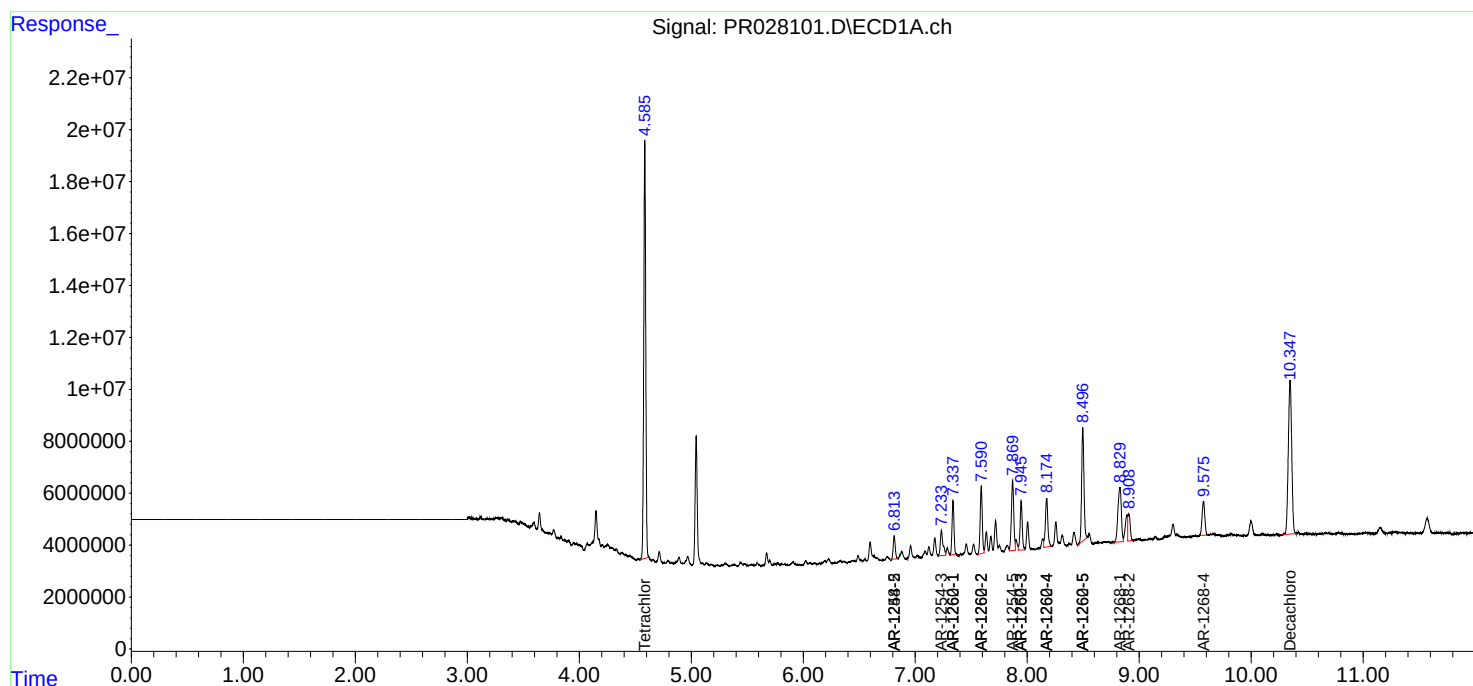
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

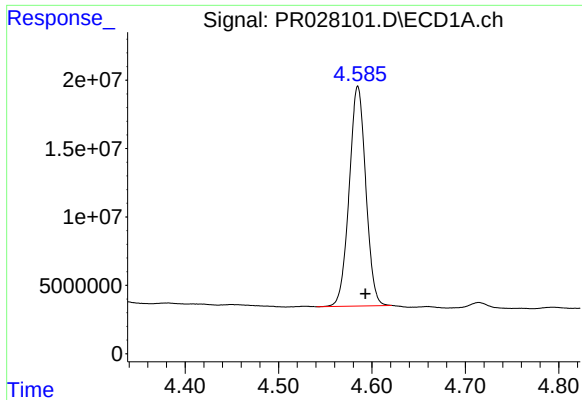
Data Path : P:\HPCHEM1\ECD\_R\Data\PR052118\  
Data File : PR028101.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 May 2018 19:14  
Operator : UA/SM  
Sample : J3010-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 22 03:43:49 2018  
Quant Method : P:\HPCHEM1\ECD\_R\Method\PR051618.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed May 16 16:06:21 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

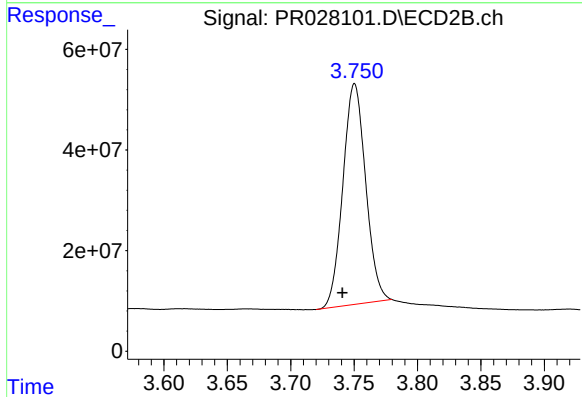




#1 Tetrachloro-m-xylene

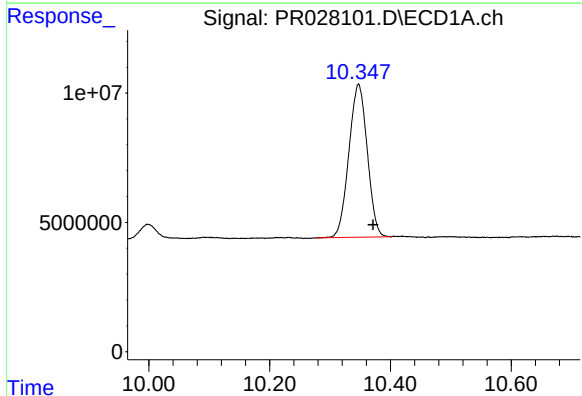
R.T.: 4.585 min  
Delta R.T.: -0.008 min  
Response: 198374216  
Conc: 13.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



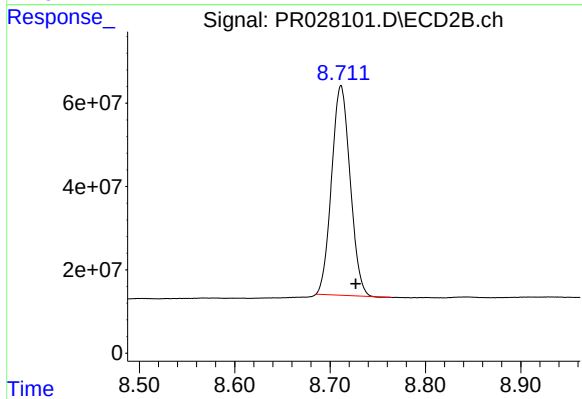
#1 Tetrachloro-m-xylene

R.T.: 3.750 min  
Delta R.T.: 0.010 min  
Response: 549043749  
Conc: 13.70 ng/ml



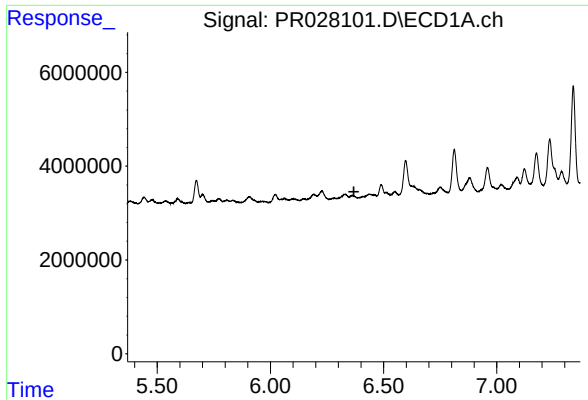
#2 Decachlorobiphenyl

R.T.: 10.347 min  
Delta R.T.: -0.024 min  
Response: 125011106  
Conc: 18.47 ng/ml



#2 Decachlorobiphenyl

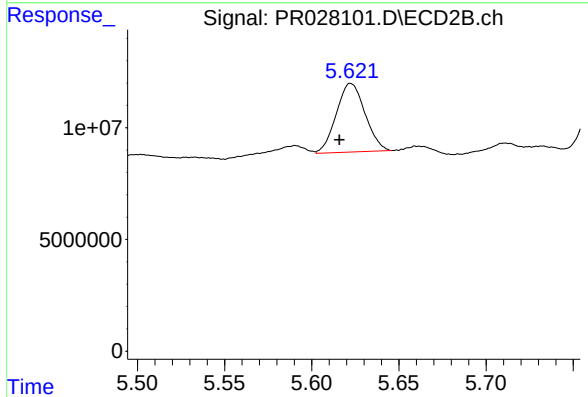
R.T.: 8.712 min  
Delta R.T.: -0.015 min  
Response: 680047864  
Conc: 19.21 ng/ml



#7 AR-1016-5

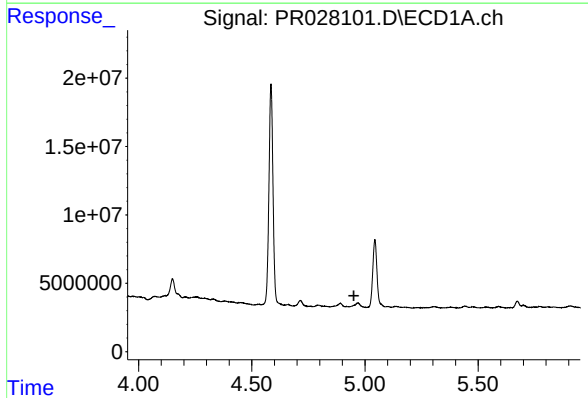
R.T.: 0.000 min  
Exp R.T.: 6.369 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



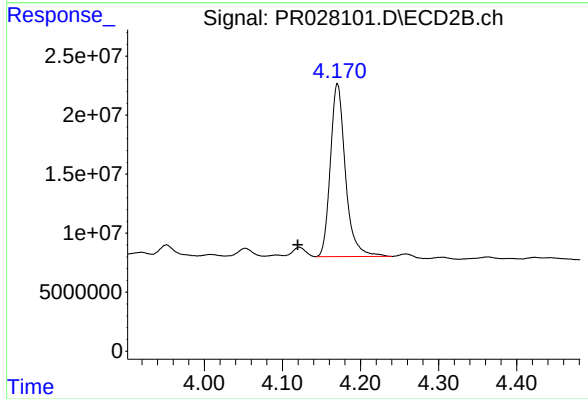
#7 AR-1016-5

R.T.: 5.622 min  
Delta R.T.: 0.007 min  
Response: 35281546  
Conc: 30.96 ng/ml



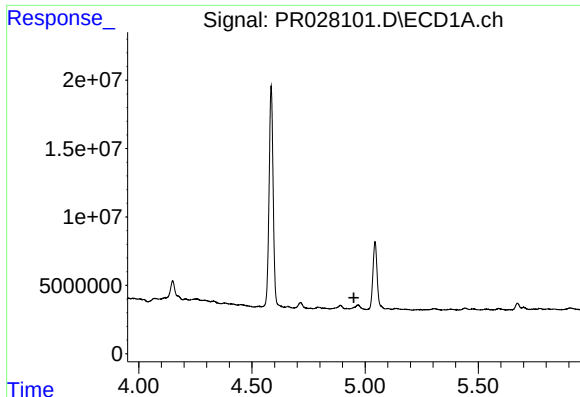
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.951 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

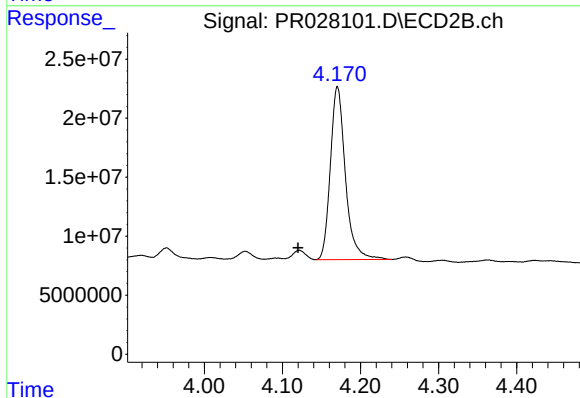
R.T.: 4.170 min  
Delta R.T.: 0.051 min  
Response: 196148731  
Conc: 98.78 ng/ml



#11 AR-1232-1

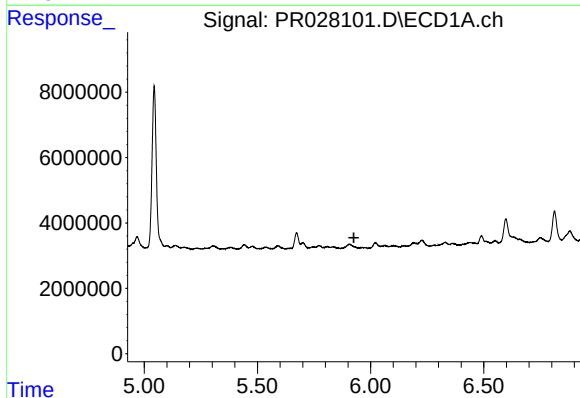
R.T.: 0.000 min  
Exp R.T.: 4.951 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



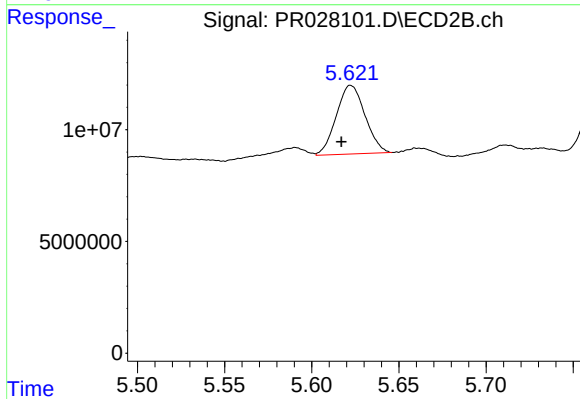
#11 AR-1232-1

R.T.: 4.170 min  
Delta R.T.: 0.050 min  
Response: 196148731  
Conc: 210.28 ng/ml



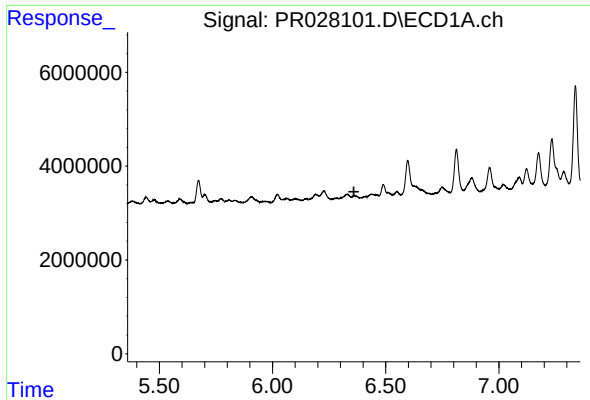
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.926 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

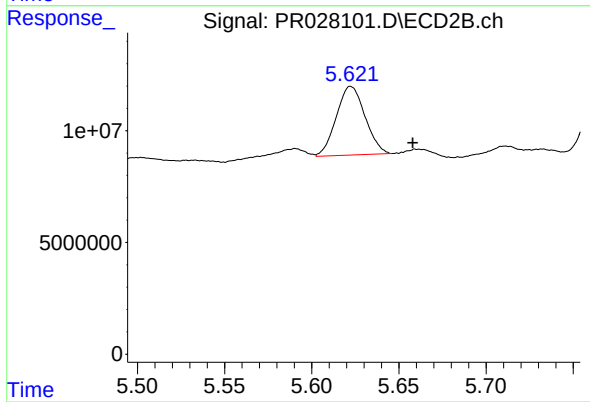
R.T.: 5.622 min  
Delta R.T.: 0.005 min  
Response: 35281546  
Conc: 54.71 ng/ml



#15 AR-1232-5

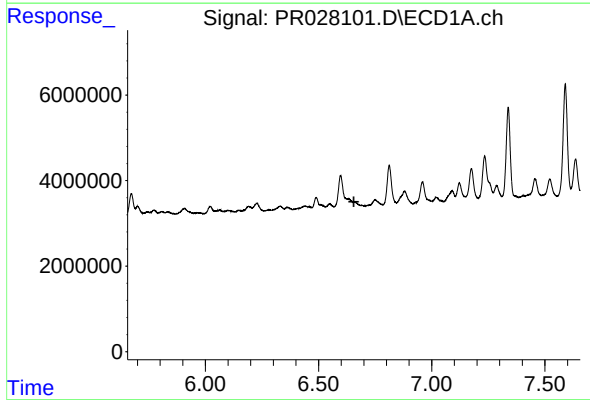
R.T.: 0.000 min  
Exp R.T.: 6.359 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



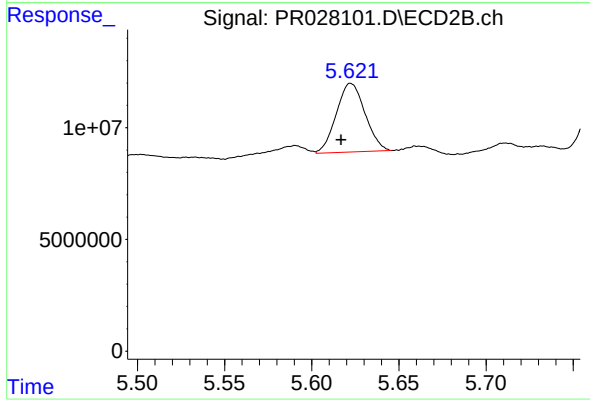
#15 AR-1232-5

R.T.: 5.622 min  
Delta R.T.: -0.036 min  
Response: 35281546  
Conc: 65.76 ng/ml



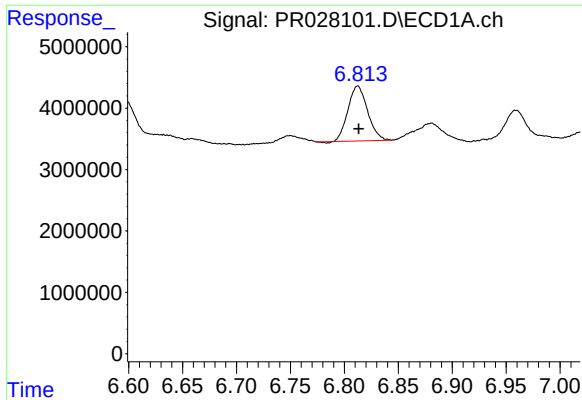
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

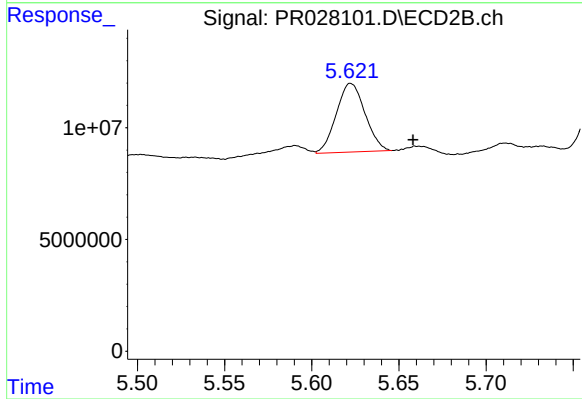
R.T.: 5.622 min  
Delta R.T.: 0.006 min  
Response: 35281546  
Conc: 14.09 ng/ml



#25 AR-1248-5

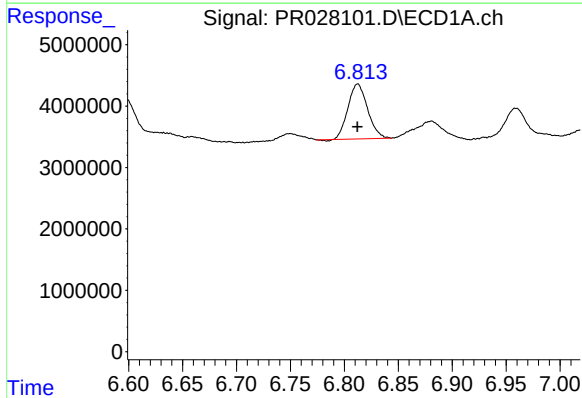
R.T.: 6.812 min  
Delta R.T.: 0.000 min  
Response: 11367720  
Conc: 22.26 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



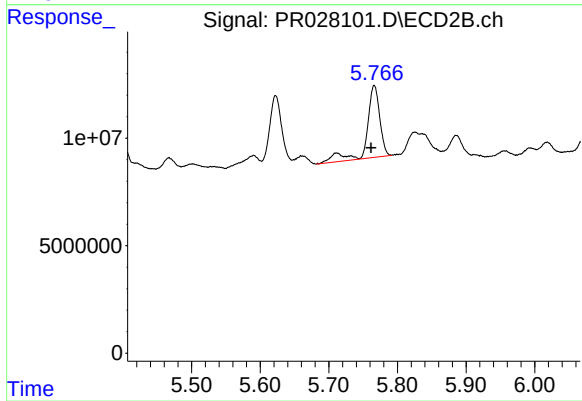
#25 AR-1248-5

R.T.: 5.622 min  
Delta R.T.: -0.036 min  
Response: 35281546  
Conc: 20.02 ng/ml



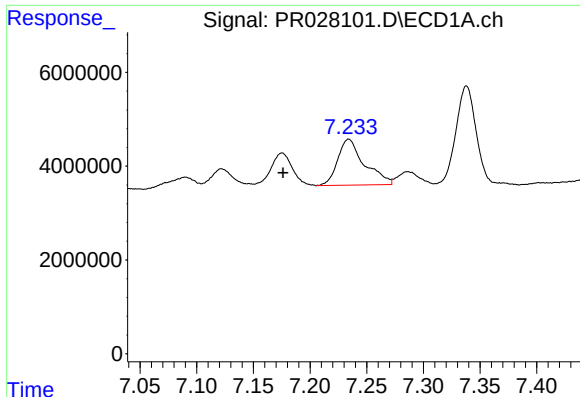
#27 AR-1254-2

R.T.: 6.812 min  
Delta R.T.: 0.000 min  
Response: 11367720  
Conc: 14.40 ng/ml



#27 AR-1254-2

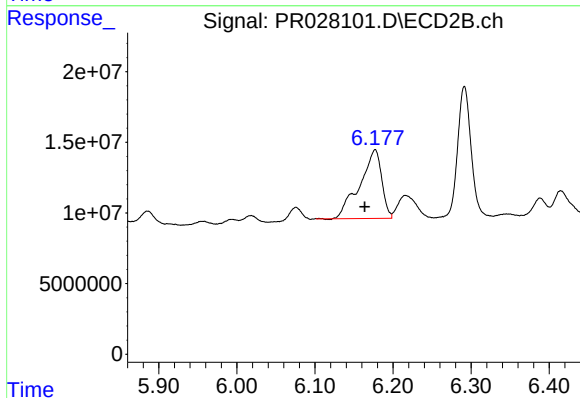
R.T.: 5.766 min  
Delta R.T.: 0.005 min  
Response: 44127122  
Conc: 18.24 ng/ml



#28 AR-1254-3

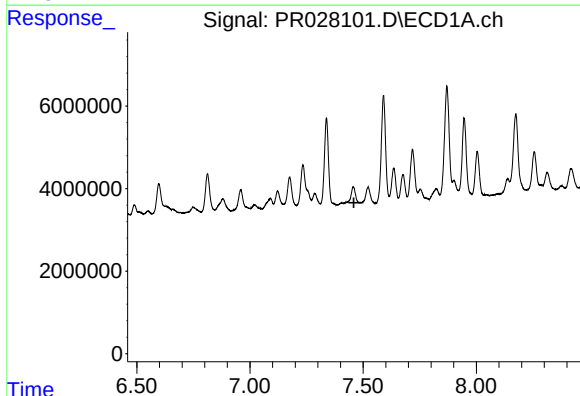
R.T.: 7.234 min  
Delta R.T.: 0.058 min  
Response: 16067626  
Conc: 19.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



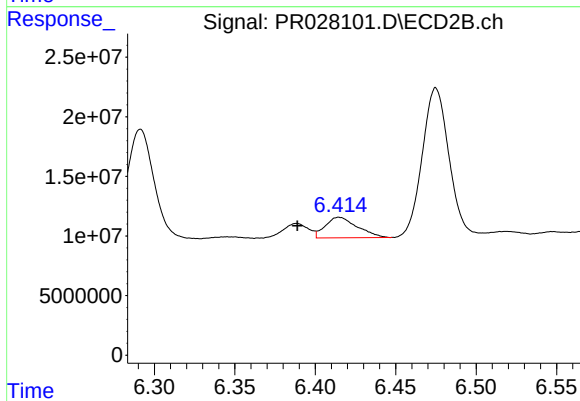
#28 AR-1254-3

R.T.: 6.177 min  
Delta R.T.: 0.014 min  
Response: 95274684  
Conc: 24.31 ng/ml



#29 AR-1254-4

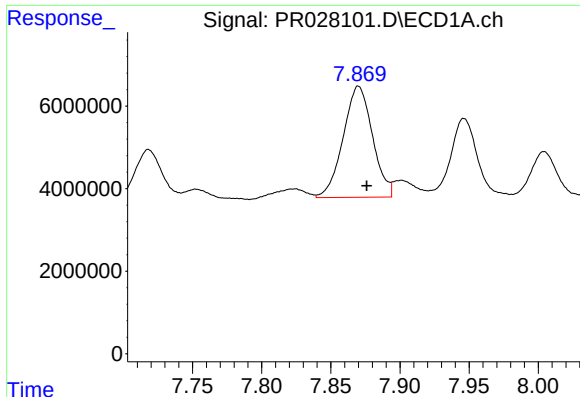
R.T.: 0.000 min  
Exp R.T. : 7.459 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

R.T.: 6.415 min  
Delta R.T.: 0.026 min  
Response: 23901093  
Conc: 8.34 ng/ml

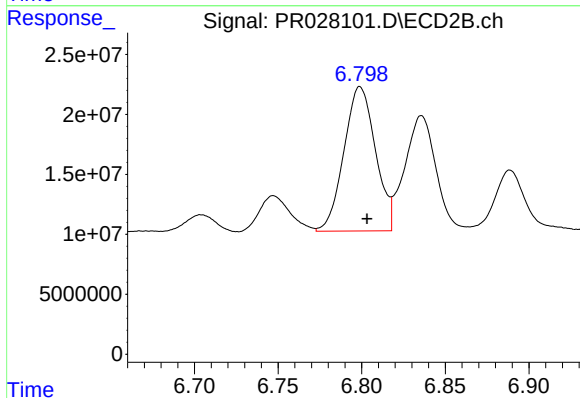




#30 AR-1254-5

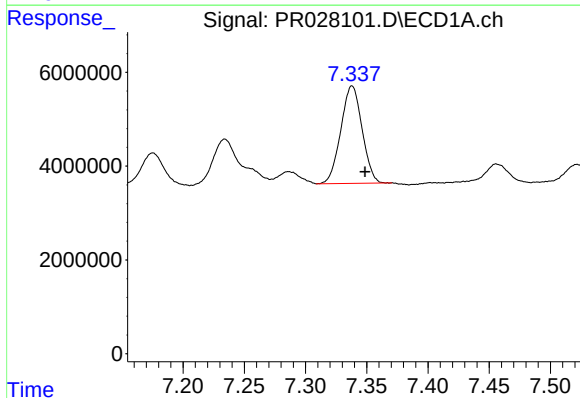
R.T.: 7.870 min  
Delta R.T.: -0.006 min  
Response: 39783304  
Conc: 66.59 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



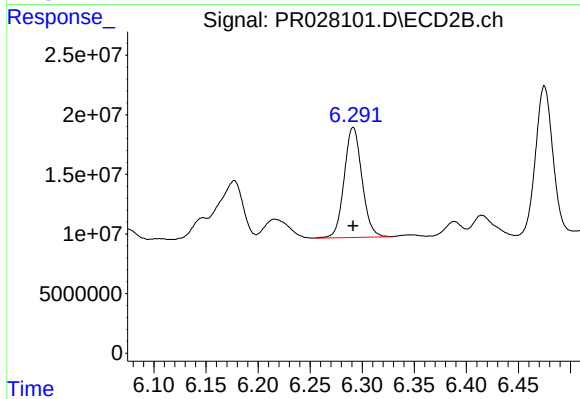
#30 AR-1254-5

R.T.: 6.799 min  
Delta R.T.: -0.004 min  
Response: 157986363  
Conc: 49.43 ng/ml



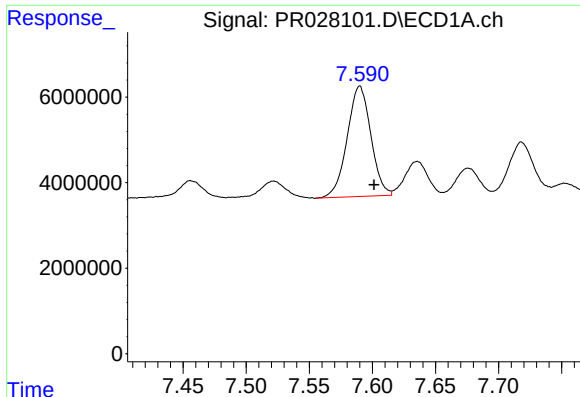
#31 AR-1260-1

R.T.: 7.338 min  
Delta R.T.: -0.011 min  
Response: 25149084  
Conc: 49.26 ng/ml



#31 AR-1260-1

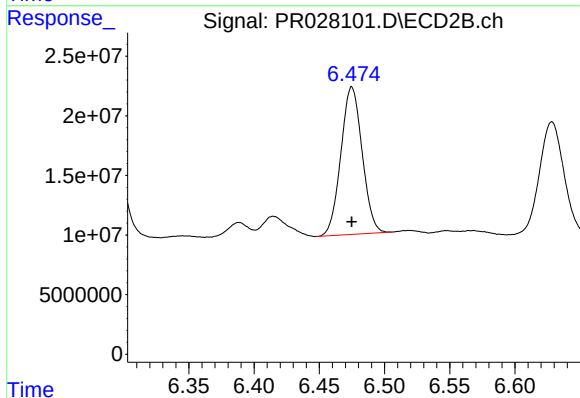
R.T.: 6.291 min  
Delta R.T.: 0.000 min  
Response: 109830835  
Conc: 49.15 ng/ml



#32 AR-1260-2

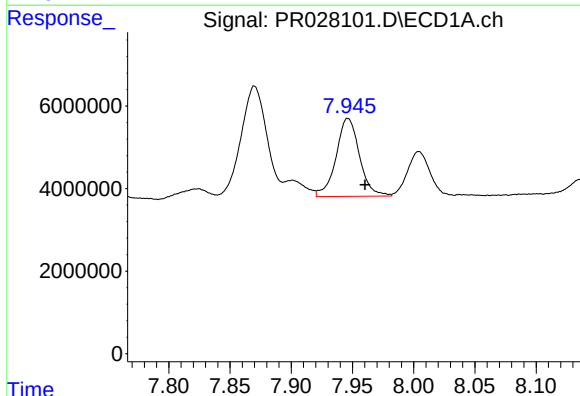
R.T.: 7.590 min  
Delta R.T.: -0.011 min  
Response: 33671804  
Conc: 56.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



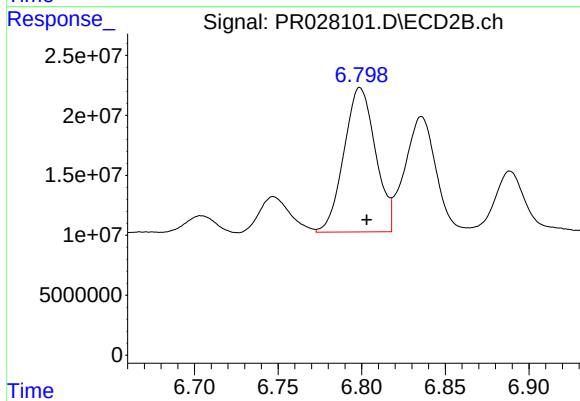
#32 AR-1260-2

R.T.: 6.475 min  
Delta R.T.: 0.000 min  
Response: 140433525  
Conc: 55.20 ng/ml



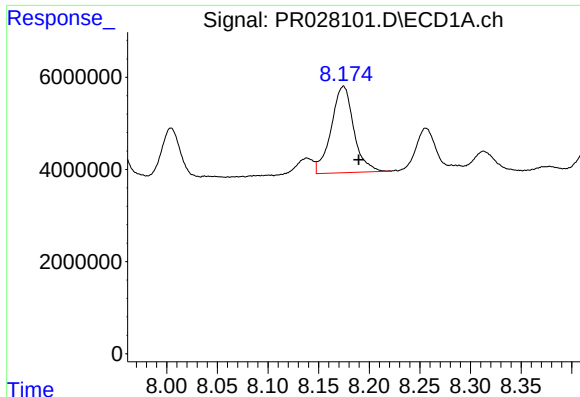
#33 AR-1260-3

R.T.: 7.946 min  
Delta R.T.: -0.014 min  
Response: 25208167  
Conc: 59.50 ng/ml



#33 AR-1260-3

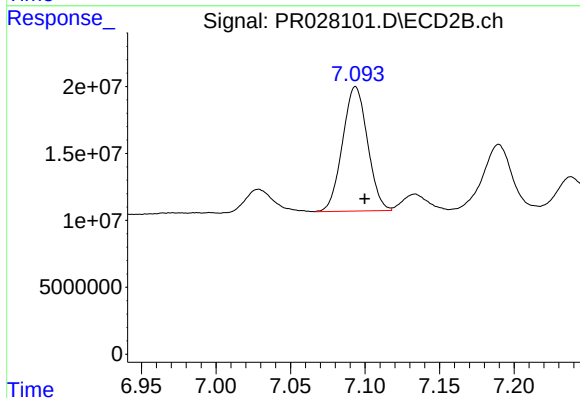
R.T.: 6.799 min  
Delta R.T.: -0.004 min  
Response: 157986363  
Conc: 56.10 ng/ml



#34 AR-1260-4

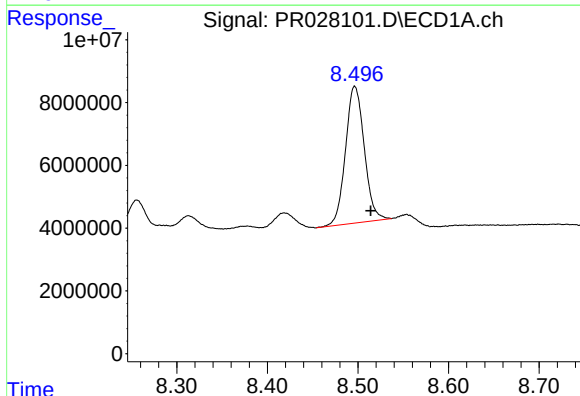
R.T.: 8.175 min  
Delta R.T.: -0.015 min  
Response: 29127272  
Conc: 60.65 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



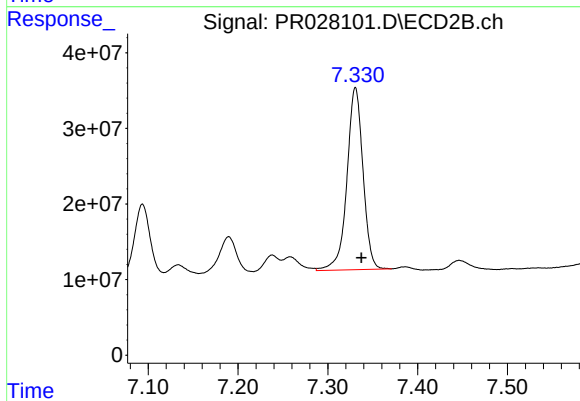
#34 AR-1260-4

R.T.: 7.094 min  
Delta R.T.: -0.006 min  
Response: 108482257  
Conc: 60.77 ng/ml



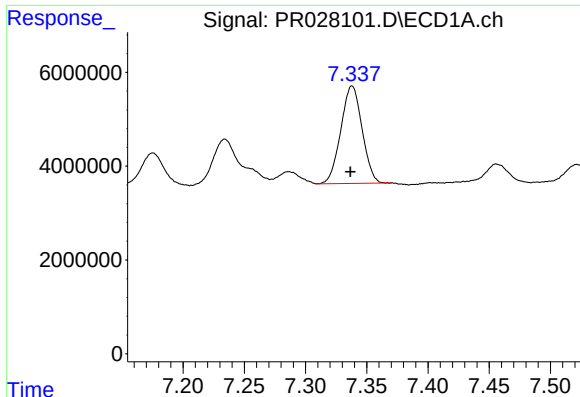
#35 AR-1260-5

R.T.: 8.496 min  
Delta R.T.: -0.018 min  
Response: 62693943  
Conc: 72.31 ng/ml



#35 AR-1260-5

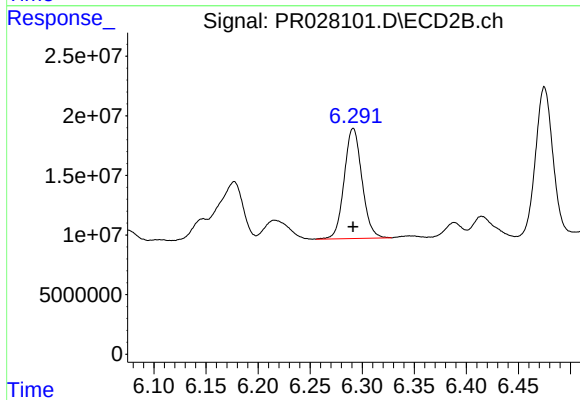
R.T.: 7.331 min  
Delta R.T.: -0.007 min  
Response: 299278331  
Conc: 67.28 ng/ml



#36 AR-1262-1

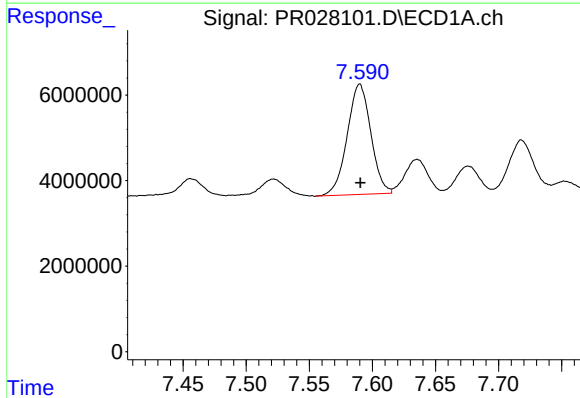
R.T.: 7.338 min  
Delta R.T.: 0.001 min  
Response: 25149084  
Conc: 50.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



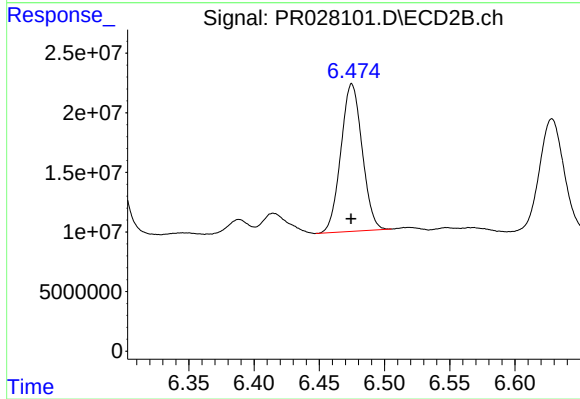
#36 AR-1262-1

R.T.: 6.291 min  
Delta R.T.: 0.000 min  
Response: 109830835  
Conc: 49.25 ng/ml



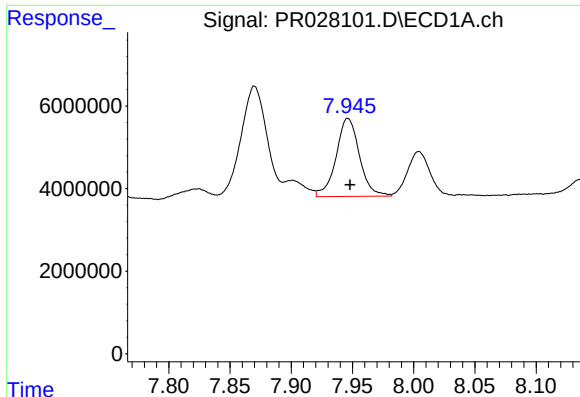
#37 AR-1262-2

R.T.: 7.590 min  
Delta R.T.: 0.000 min  
Response: 33671804  
Conc: 60.57 ng/ml



#37 AR-1262-2

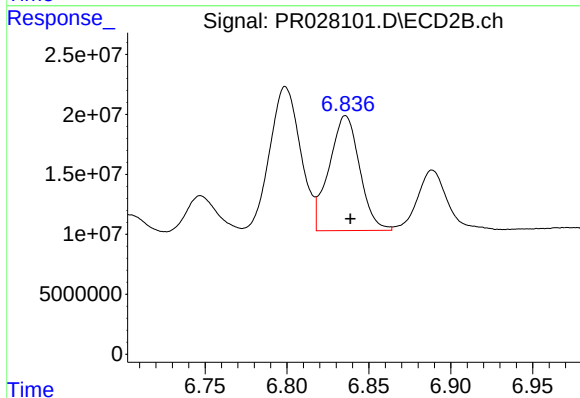
R.T.: 6.475 min  
Delta R.T.: 0.000 min  
Response: 140433525  
Conc: 64.36 ng/ml



#38 AR-1262-3

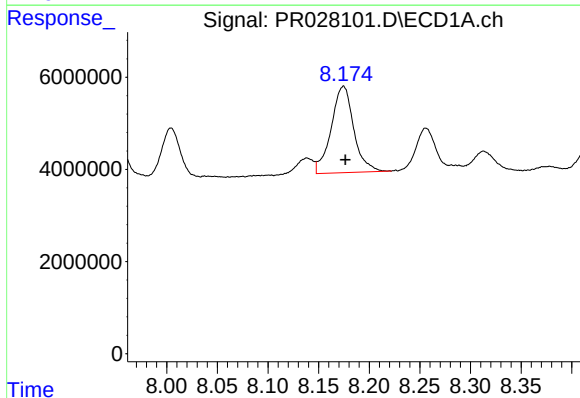
R.T.: 7.946 min  
Delta R.T.: -0.002 min  
Response: 25208167  
Conc: 35.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



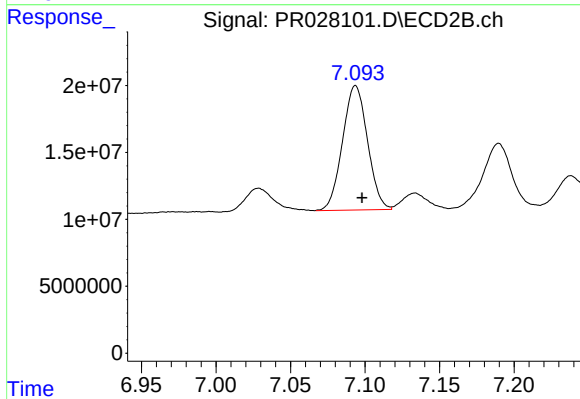
#38 AR-1262-3

R.T.: 6.836 min  
Delta R.T.: -0.003 min  
Response: 124278491  
Conc: 41.83 ng/ml



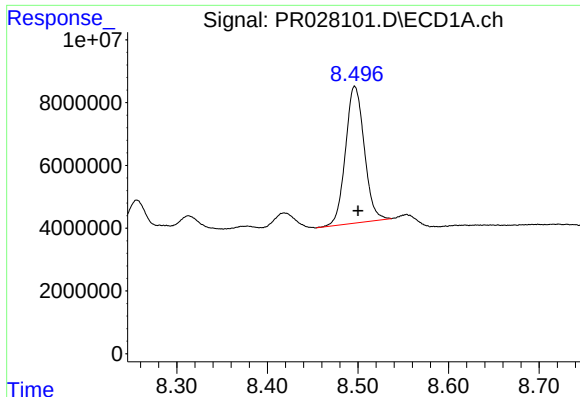
#39 AR-1262-4

R.T.: 8.175 min  
Delta R.T.: -0.002 min  
Response: 29127272  
Conc: 43.79 ng/ml



#39 AR-1262-4

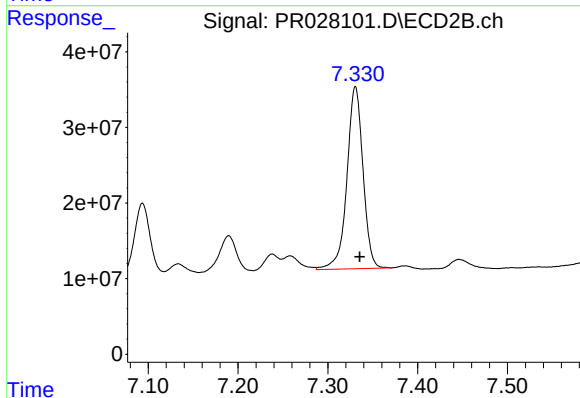
R.T.: 7.094 min  
Delta R.T.: -0.004 min  
Response: 108482257  
Conc: 35.04 ng/ml



#40 AR-1262-5

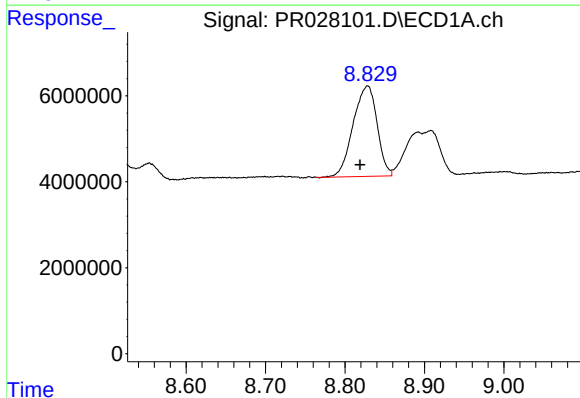
R.T.: 8.496 min  
Delta R.T.: -0.004 min  
Response: 62693943  
Conc: 55.13 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



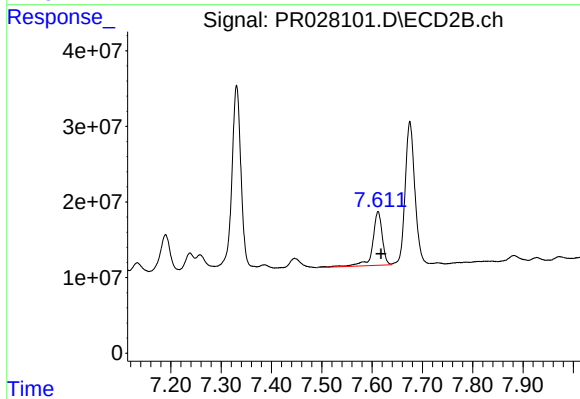
#40 AR-1262-5

R.T.: 7.331 min  
Delta R.T.: -0.005 min  
Response: 299278331  
Conc: 46.33 ng/ml



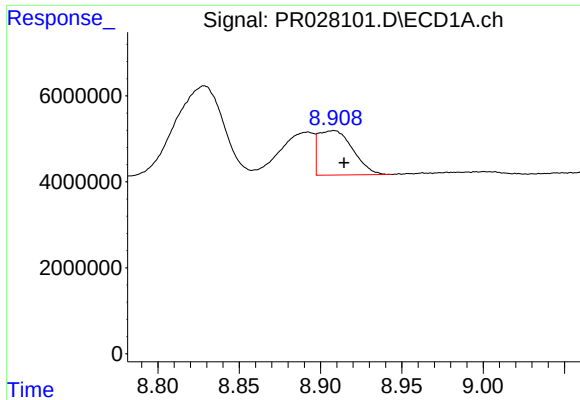
#41 AR-1268-1

R.T.: 8.829 min  
Delta R.T.: 0.010 min  
Response: 44093040  
Conc: 37.03 ng/ml



#41 AR-1268-1

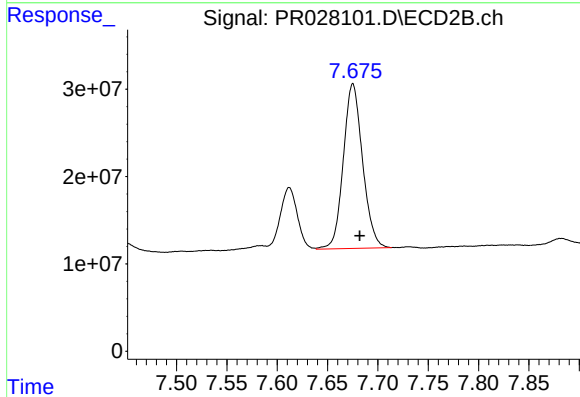
R.T.: 7.612 min  
Delta R.T.: -0.006 min  
Response: 95221800  
Conc: 13.86 ng/ml



#42 AR-1268-2

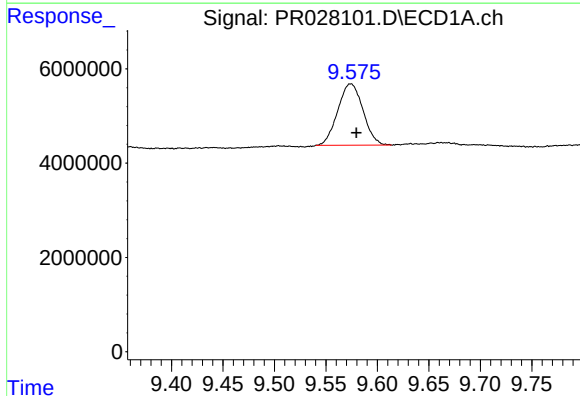
R.T.: 8.908 min  
Delta R.T.: -0.006 min  
Response: 15250553  
Conc: 13.81 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



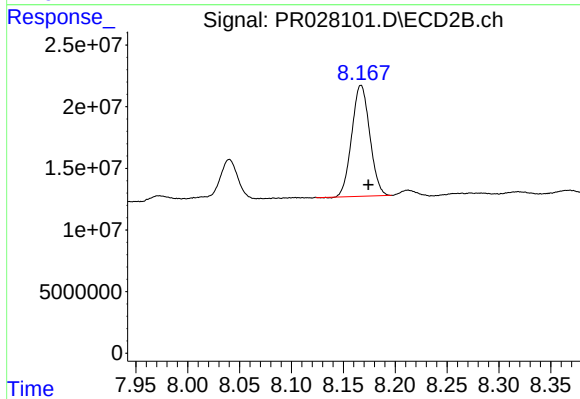
#42 AR-1268-2

R.T.: 7.675 min  
Delta R.T.: -0.007 min  
Response: 250752420  
Conc: 39.09 ng/ml



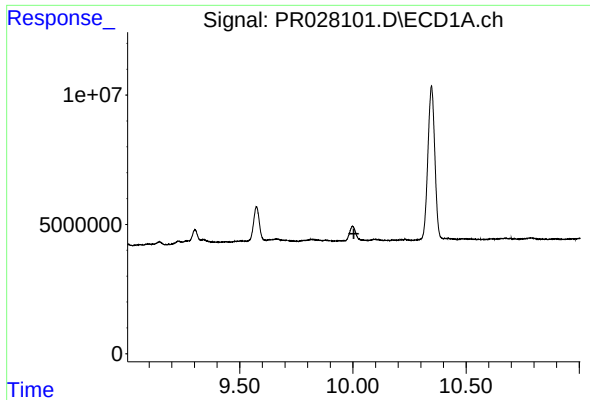
#44 AR-1268-4

R.T.: 9.574 min  
Delta R.T.: -0.005 min  
Response: 22206777  
Conc: 53.00 ng/ml



#44 AR-1268-4

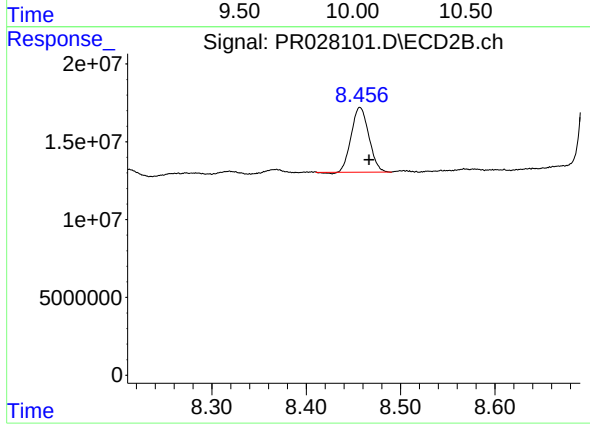
R.T.: 8.167 min  
Delta R.T.: -0.007 min  
Response: 108763305  
Conc: 53.67 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.005 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.457 min  
Delta R.T.: -0.010 min  
Response: 53940263  
Conc: 3.53 ng/ml