

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR031819\  
 Data File : PR036268.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Mar 2019 07:28  
 Operator : SM\SJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 HEXANE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 18 14:04:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR031519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Mar 16 00:14:35 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 |                 |        |       |          |          |         |           |
| 2)                          | SA Decachlor... | 10.089 | 8.358 | 3417453  | 5887275  | 2.340   | 1.032 #   |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.546 | 0        | 11127420 | N.D.    | 45.583 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.546 | 0        | 11127420 | N.D.    | 28.956 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.974 | 0        | 21172789 | N.D.    | 108.600 # |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.639 | 0        | 5034346  | N.D.    | 86.187 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.900 | 0        | 8568681  | N.D.    | 58.001 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.900 | 0        | 8568681  | N.D.    | 69.657 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.546 | 0        | 11127420 | N.D.    | 75.375 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.837 | 0        | 19941549 | N.D.    | 320.944 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.974 | 0        | 21172789 | N.D.    | 302.179 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.546 | 0        | 11127420 | N.D.    | 58.748 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.546 | 0        | 11127420 | N.D.    | 38.850 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.837 | 0        | 19941549 | N.D.    | 146.291 # |
| 20)                         | L4 AR-1242-5    | 6.437  | 5.340 | 21682732 | 96976111 | 477.829 | 499.706   |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.546 | 0        | 11127420 | N.D.    | 59.565 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.837 | 0        | 19941549 | N.D.    | 77.453 #  |
| 24)                         | L5 AR-1248-4    | 6.437  | 4.974 | 21682732 | 21172789 | 210.545 | 66.032 #  |
| 25)                         | L5 AR-1248-5    | 6.437  | 5.340 | 21682732 | 96976111 | 220.122 | 283.995 # |
| 26)                         | L6 AR-1254-1    | 6.437  | 5.340 | 21682732 | 96976111 | 307.326 | 266.655   |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.463 | 0        | 22489358 | N.D.    | 69.730 #  |
| 28)                         | L6 AR-1254-3    | 7.029  | 5.870 | 3993668  | 14865709 | 33.663  | 28.765    |
| 29)                         | L6 AR-1254-4    | 7.302  | 6.084 | 6633722  | 3974717  | 77.949  | 10.637 #  |
| 30)                         | L6 AR-1254-5    | 7.717  | 6.493 | 2814834  | 8478275  | 30.899  | 17.960 #  |
| 31)                         | L7 AR-1260-1    | 7.203  | 5.985 | 3650364  | 6584513  | 39.730  | 18.064 #  |
| 32)                         | L7 AR-1260-2    | 7.433  | 6.168 | 1910382  | 26143282 | 17.767  | 50.194 #  |
| 33)                         | L7 AR-1260-3    | 7.789  | 6.321 | 1444173  | 18228527 | 17.609  | 42.995 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.785 | 0        | 3849322  | N.D.    | 10.950 #  |
| 35)                         | L7 AR-1260-5    | 8.332  | 7.027 | 3031475  | 15693656 | 17.183  | 15.896    |
| 36)                         | L8 AR-1262-1    | 7.789  | 6.584 | 1444173  | 2884053  | 11.767  | 11.024    |
| 37)                         | L8 AR-1262-2    | 8.332  | 7.027 | 3031475  | 15693656 | 14.439  | 13.352    |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.305 | 0        | 3483493  | N.D.    | 7.746 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.368 | 0        | 8073956  | N.D.    | 10.685 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.860 | 0        | 2335561  | N.D.    | 7.491 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.305 | 0        | 3483493  | N.D.    | 2.535 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.368 | 0        | 8073956  | N.D.    | 6.912 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.860 | 0        | 2335561  | N.D.    | 6.428 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.129 | 0        | 1521982  | N.D.    | 0.612 #   |
| -----                       |                 |        |       |          |          |         |           |

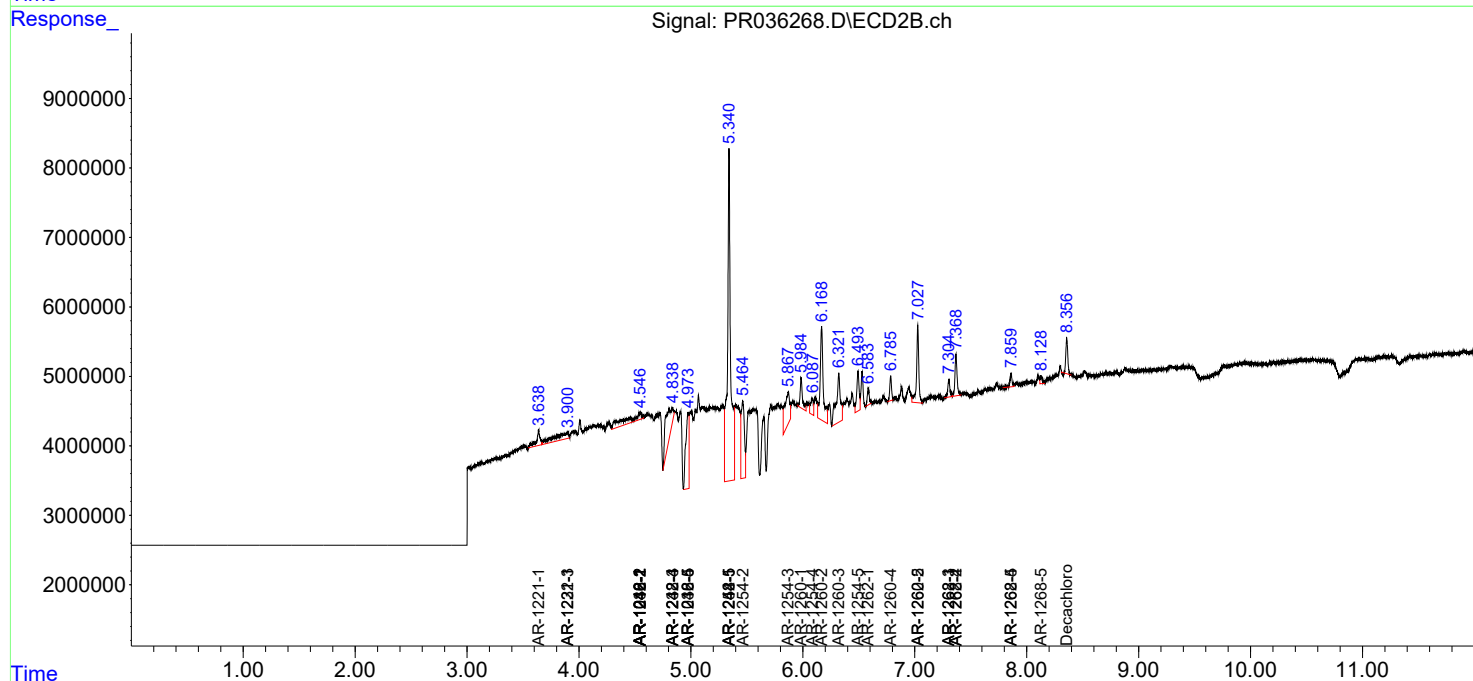
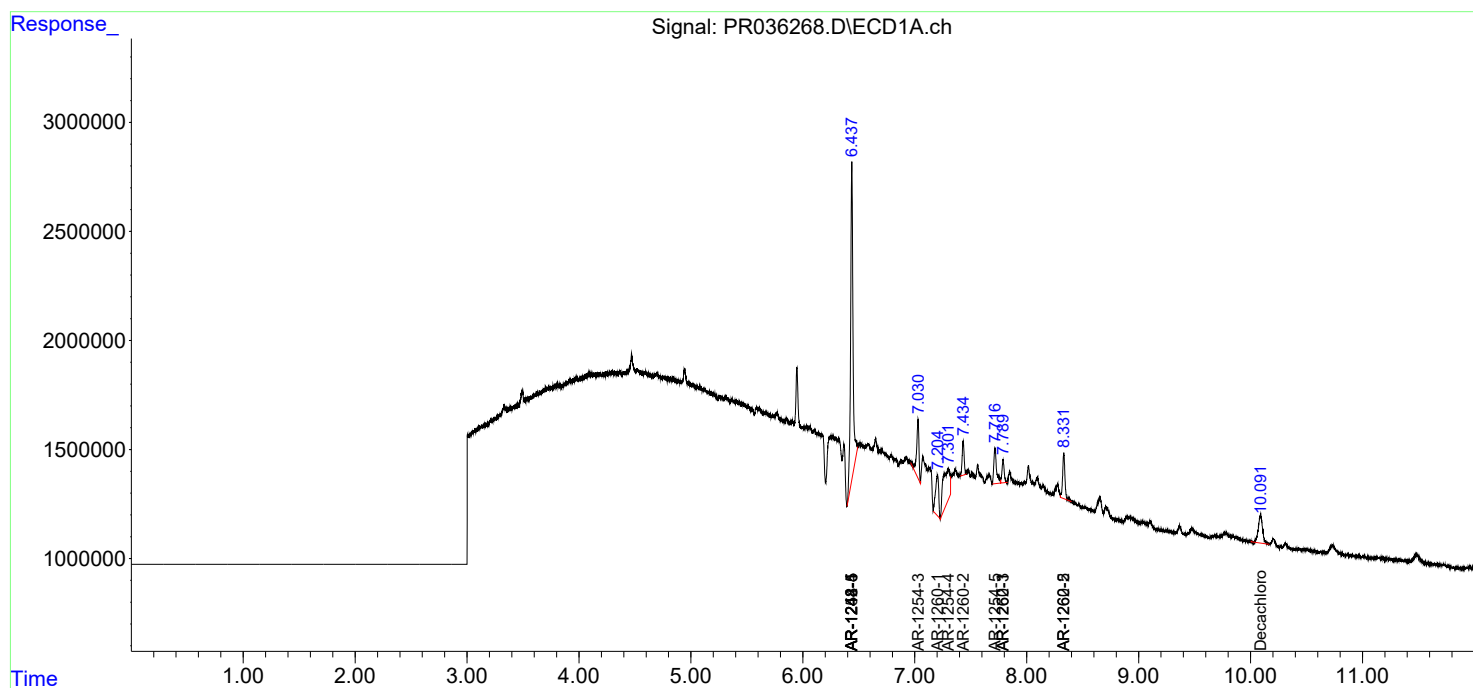
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

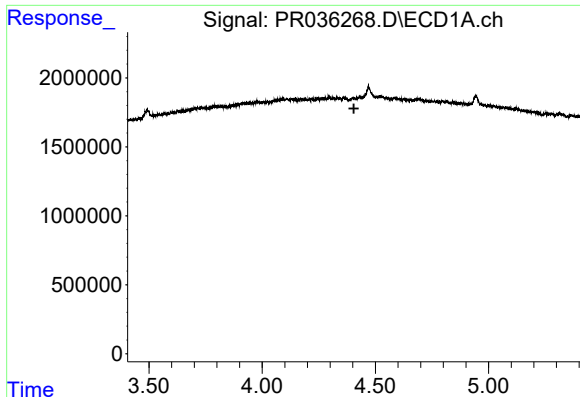
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR031819\  
Data File : PR036268.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Mar 2019 07:28  
Operator : SM\SJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 18 14:04:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR031519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Mar 16 00:14:35 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

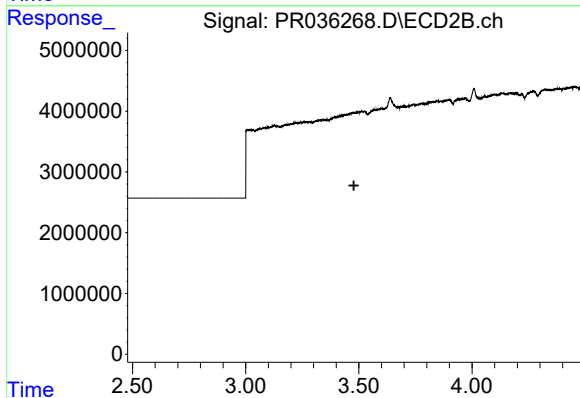




#1 Tetrachloro-m-xylene

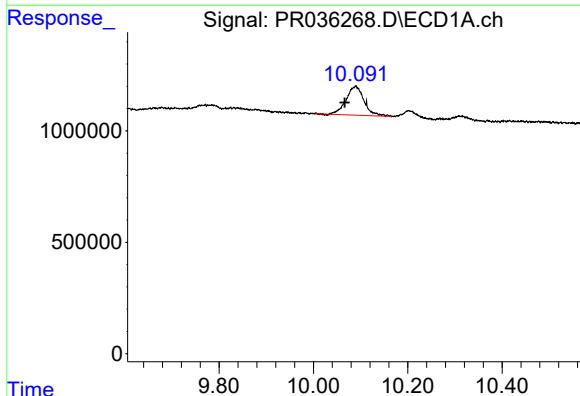
R.T.: 0.000 min  
Exp R.T. : 4.405 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



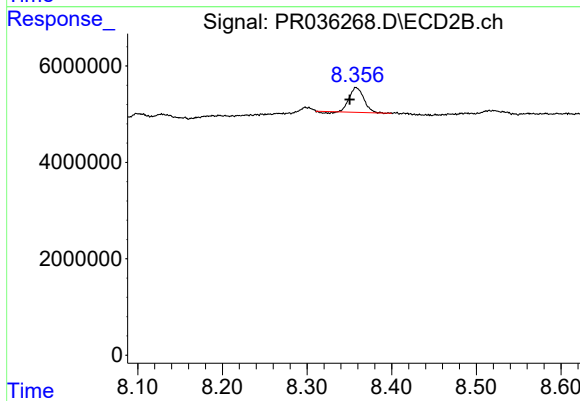
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.478 min  
Response: 0  
Conc: N.D.



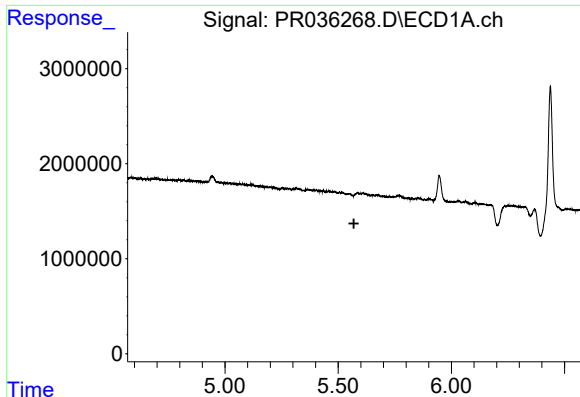
#2 Decachlorobiphenyl

R.T.: 10.089 min  
Delta R.T.: 0.023 min  
Response: 3417453  
Conc: 2.34 ng/ml



#2 Decachlorobiphenyl

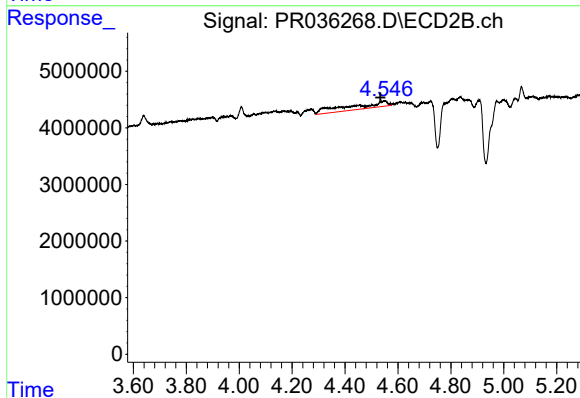
R.T.: 8.358 min  
Delta R.T.: 0.008 min  
Response: 5887275  
Conc: 1.03 ng/ml



#3 AR-1016-1

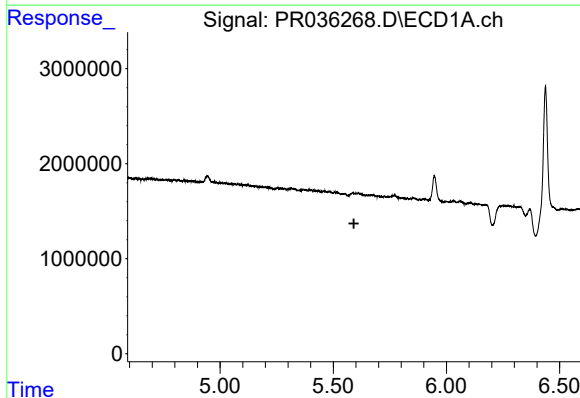
R.T.: 0.000 min  
Exp R.T. : 5.569 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



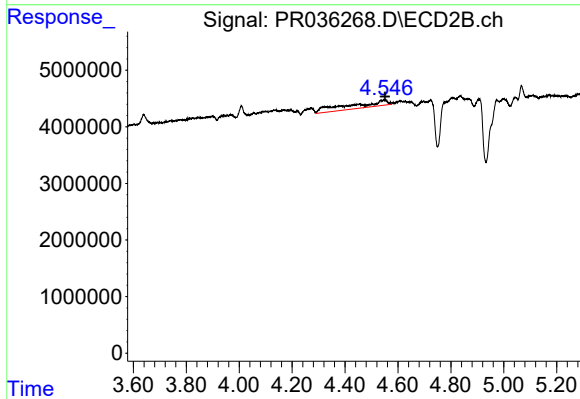
#3 AR-1016-1

R.T.: 4.546 min  
Delta R.T.: 0.012 min  
Response: 11127420  
Conc: 45.58 ng/ml



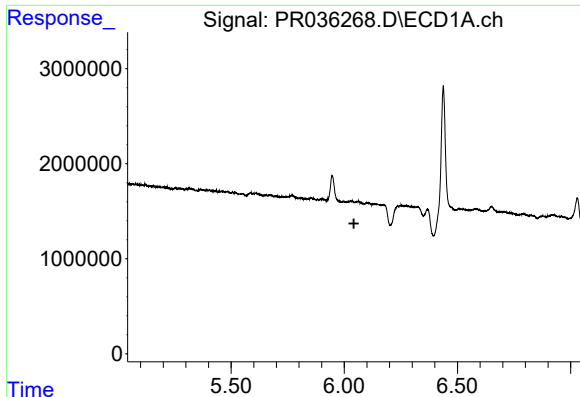
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.591 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

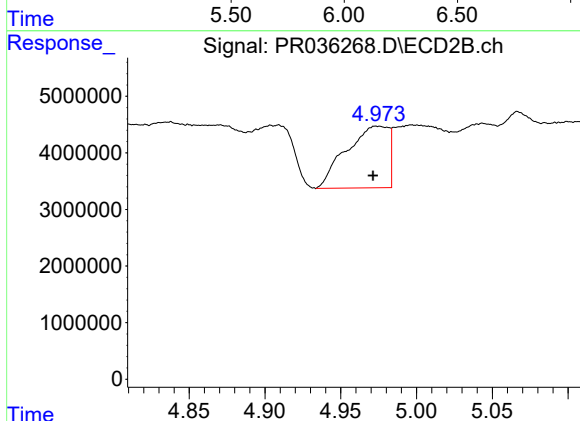
R.T.: 4.546 min  
Delta R.T.: -0.005 min  
Response: 11127420  
Conc: 28.96 ng/ml



#7 AR-1016-5

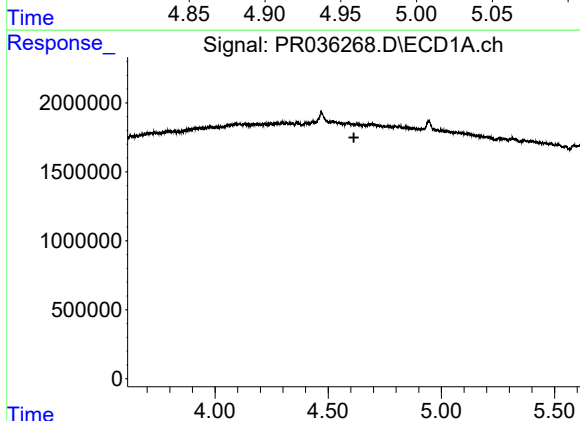
R.T.: 0.000 min  
Exp R.T. : 6.043 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



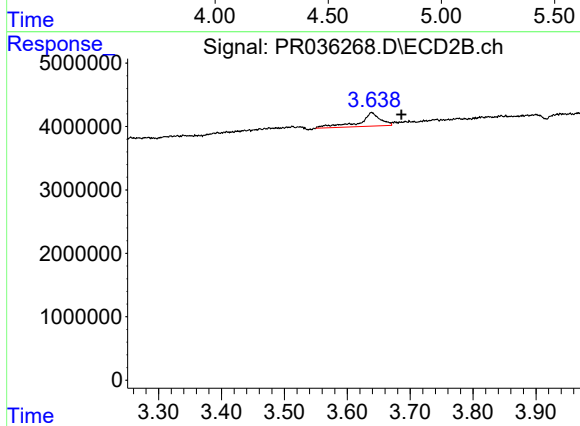
#7 AR-1016-5

R.T.: 4.974 min  
Delta R.T.: 0.003 min  
Response: 21172789  
Conc: 108.60 ng/ml



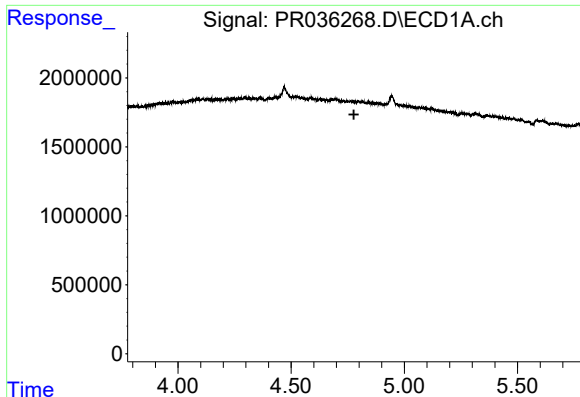
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.614 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

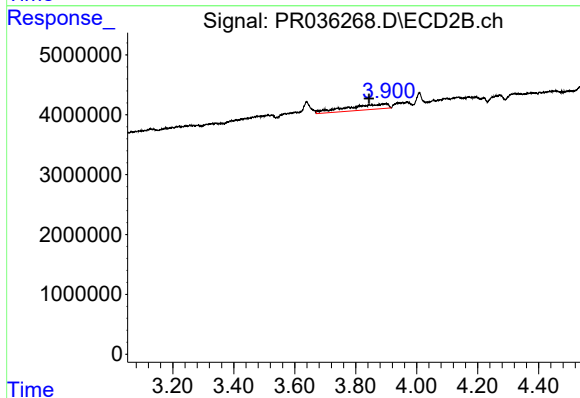
R.T.: 3.639 min  
Delta R.T.: -0.047 min  
Response: 5034346  
Conc: 86.19 ng/ml



#10 AR-1221-3

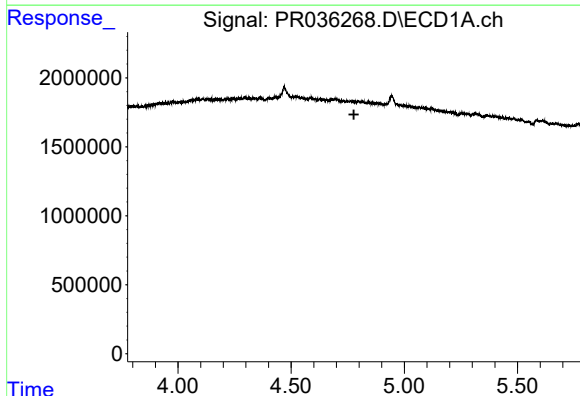
R.T.: 0.000 min  
Exp R.T.: 4.777 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



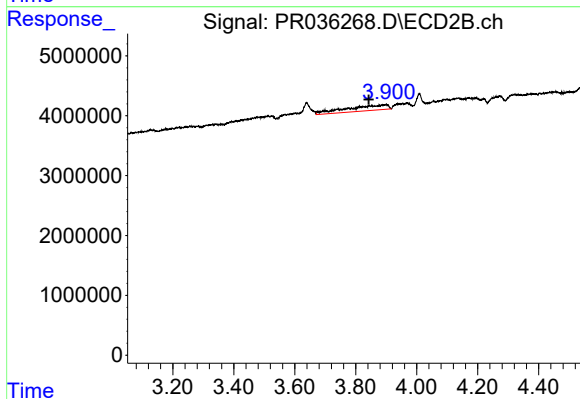
#10 AR-1221-3

R.T.: 3.900 min  
Delta R.T.: 0.057 min  
Response: 8568681  
Conc: 58.00 ng/ml



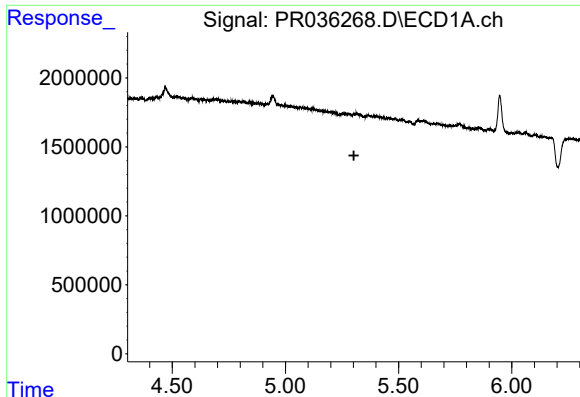
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 4.777 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

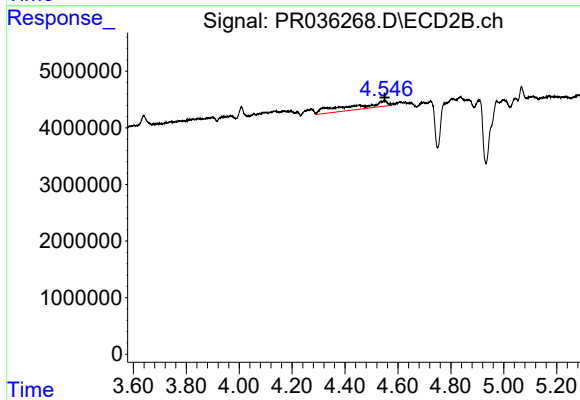
R.T.: 3.900 min  
Delta R.T.: 0.057 min  
Response: 8568681  
Conc: 69.66 ng/ml



#12 AR-1232-2

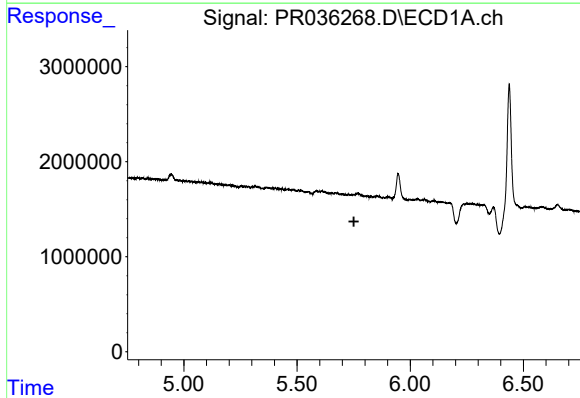
R.T.: 0.000 min  
Exp R.T. : 5.303 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



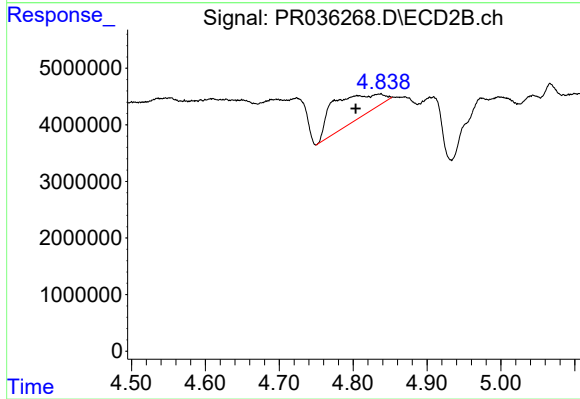
#12 AR-1232-2

R.T.: 4.546 min  
Delta R.T.: -0.004 min  
Response: 11127420  
Conc: 75.37 ng/ml



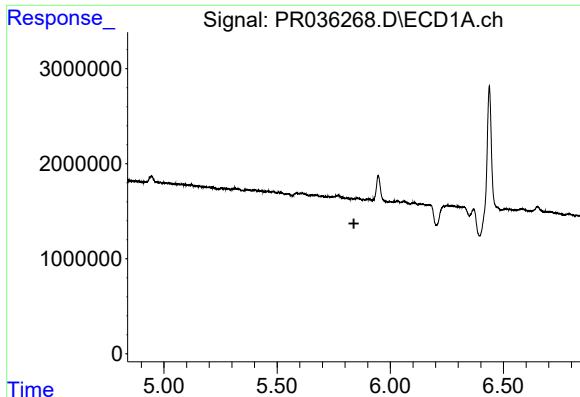
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.751 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

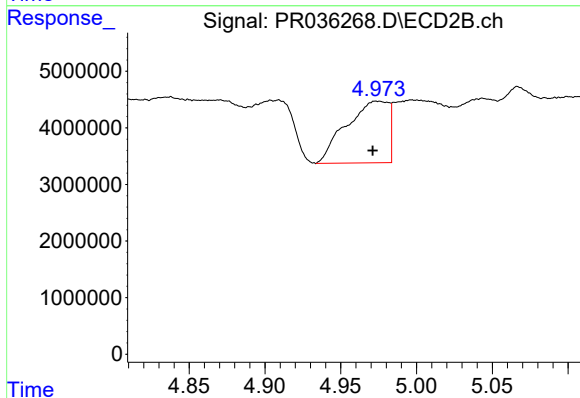
R.T.: 4.837 min  
Delta R.T.: 0.033 min  
Response: 19941549  
Conc: 320.94 ng/ml



#15 AR-1232-5

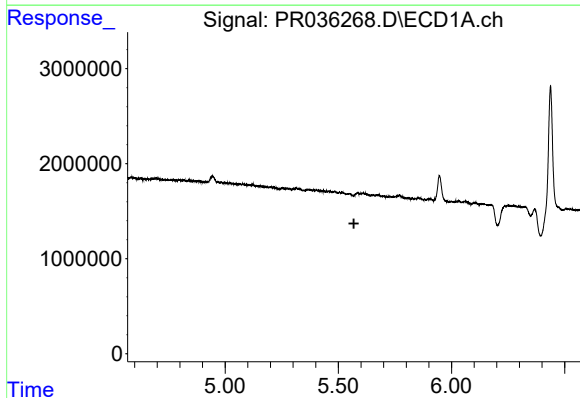
R.T.: 0.000 min  
Exp R.T. : 5.839 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



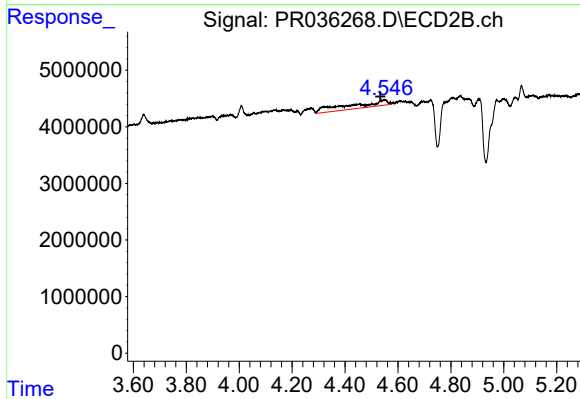
#15 AR-1232-5

R.T.: 4.974 min  
Delta R.T.: 0.003 min  
Response: 21172789  
Conc: 302.18 ng/ml



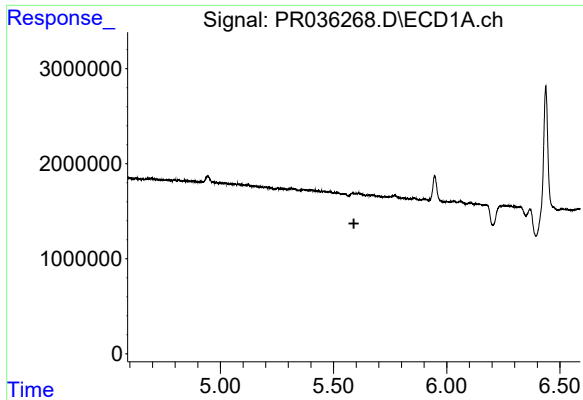
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.569 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

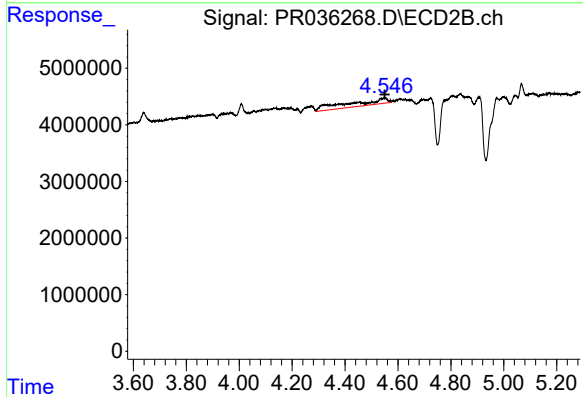
R.T.: 4.546 min  
Delta R.T.: 0.012 min  
Response: 11127420  
Conc: 58.75 ng/ml



#17 AR-1242-2

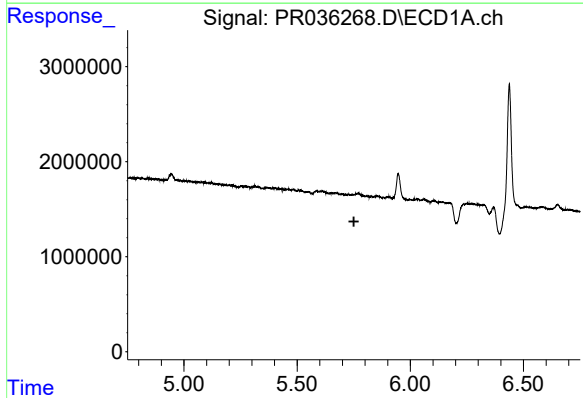
R.T.: 0.000 min  
Exp R.T.: 5.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



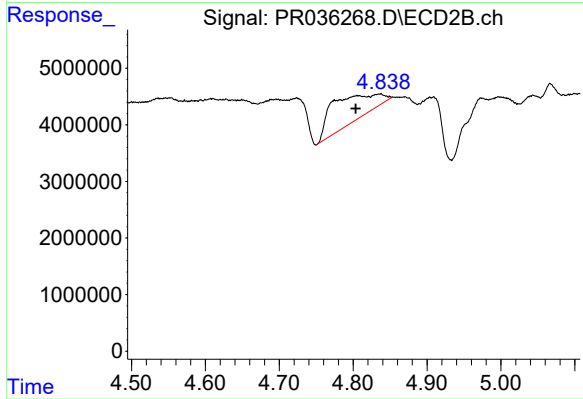
#17 AR-1242-2

R.T.: 4.546 min  
Delta R.T.: -0.004 min  
Response: 11127420  
Conc: 38.85 ng/ml



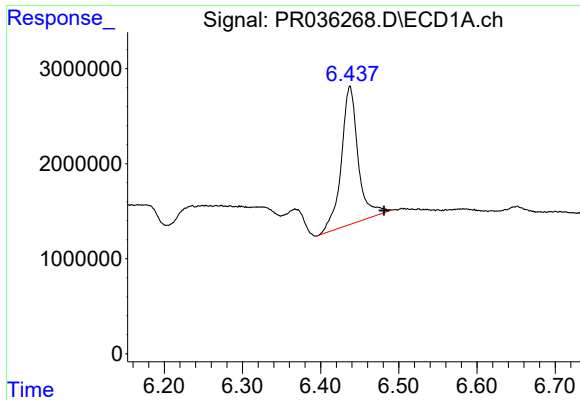
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.751 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

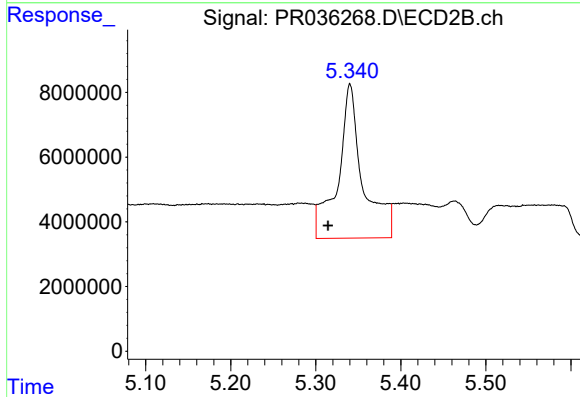
R.T.: 4.837 min  
Delta R.T.: 0.034 min  
Response: 19941549  
Conc: 146.29 ng/ml



#20 AR-1242-5

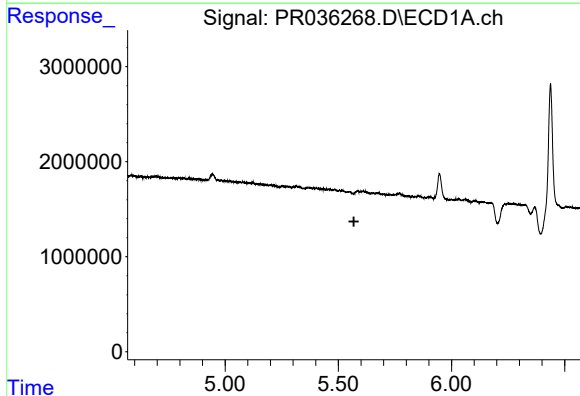
R.T.: 6.437 min  
Delta R.T.: -0.044 min  
Response: 21682732  
Conc: 477.83 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



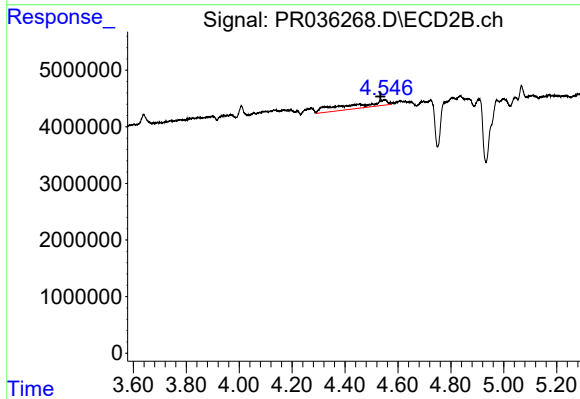
#20 AR-1242-5

R.T.: 5.340 min  
Delta R.T.: 0.026 min  
Response: 96976111  
Conc: 499.71 ng/ml



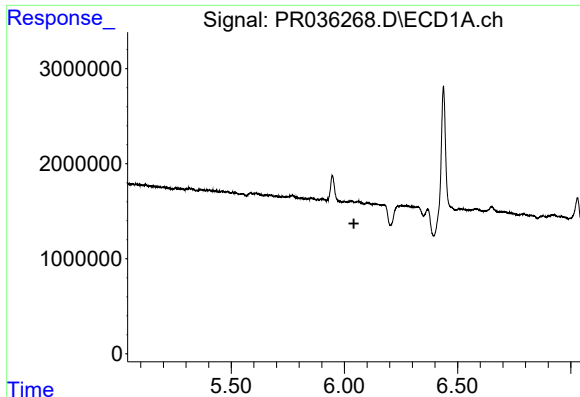
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.569 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

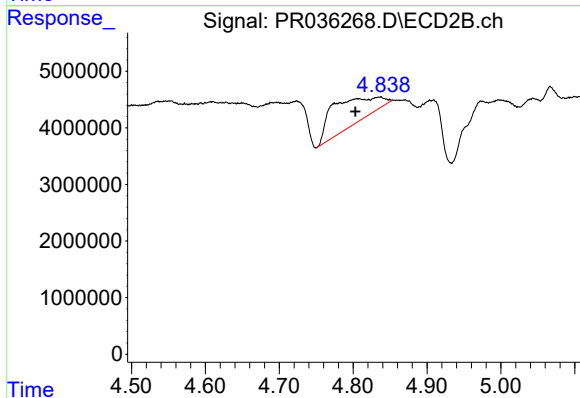
R.T.: 4.546 min  
Delta R.T.: 0.013 min  
Response: 11127420  
Conc: 59.56 ng/ml



#23 AR-1248-3

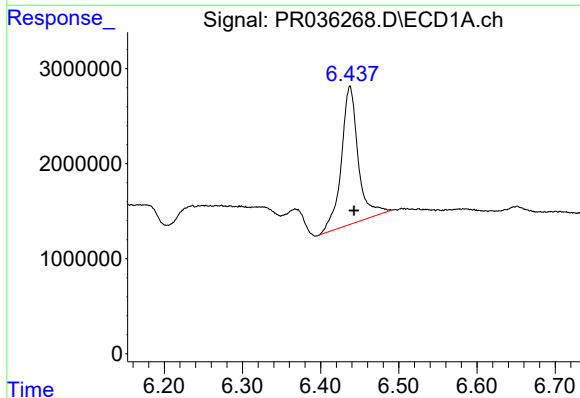
R.T.: 0.000 min  
Exp R.T.: 6.042 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



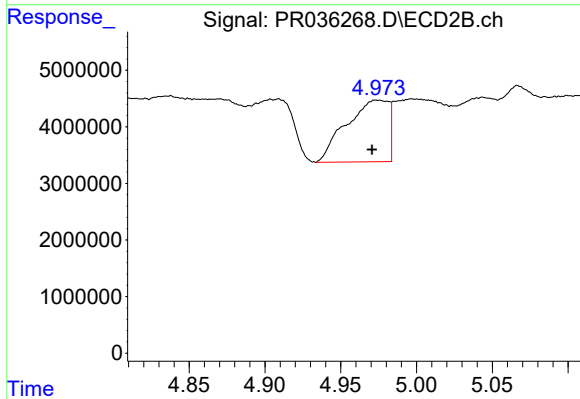
#23 AR-1248-3

R.T.: 4.837 min  
Delta R.T.: 0.034 min  
Response: 19941549  
Conc: 77.45 ng/ml



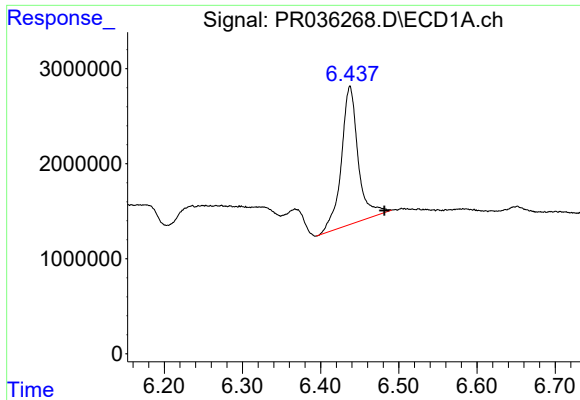
#24 AR-1248-4

R.T.: 6.437 min  
Delta R.T.: -0.005 min  
Response: 21682732  
Conc: 210.55 ng/ml



#24 AR-1248-4

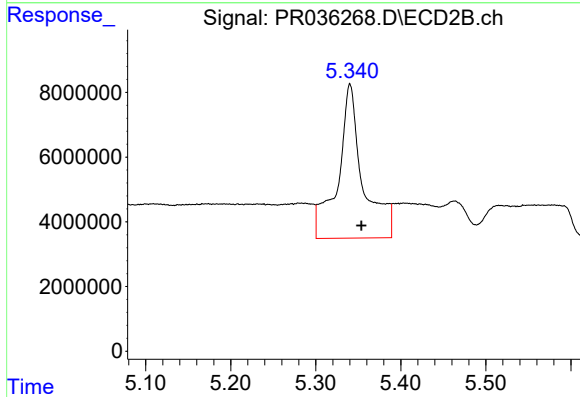
R.T.: 4.974 min  
Delta R.T.: 0.003 min  
Response: 21172789  
Conc: 66.03 ng/ml



#25 AR-1248-5

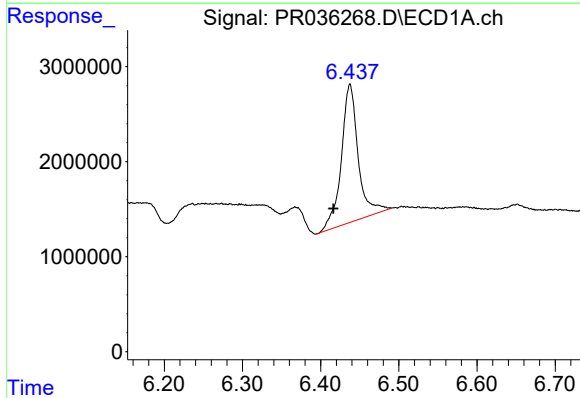
R.T.: 6.437 min  
Delta R.T.: -0.044 min  
Response: 21682732  
Conc: 220.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



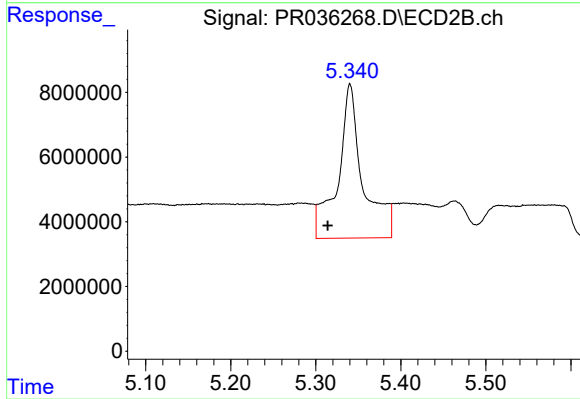
#25 AR-1248-5

R.T.: 5.340 min  
Delta R.T.: -0.014 min  
Response: 96976111  
Conc: 283.99 ng/ml



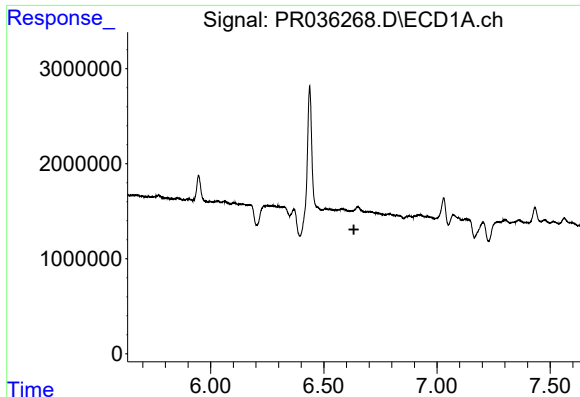
#26 AR-1254-1

R.T.: 6.437 min  
Delta R.T.: 0.021 min  
Response: 21682732  
Conc: 307.33 ng/ml



#26 AR-1254-1

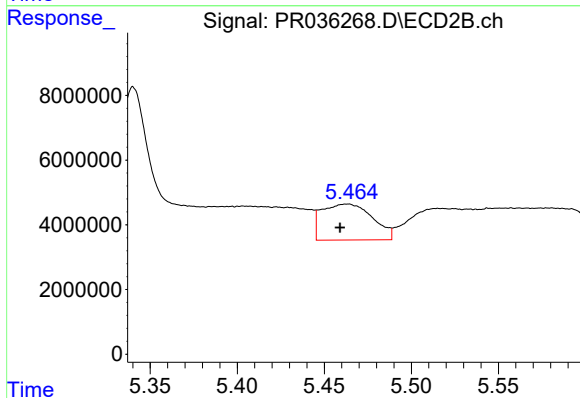
R.T.: 5.340 min  
Delta R.T.: 0.026 min  
Response: 96976111  
Conc: 266.66 ng/ml



#27 AR-1254-2

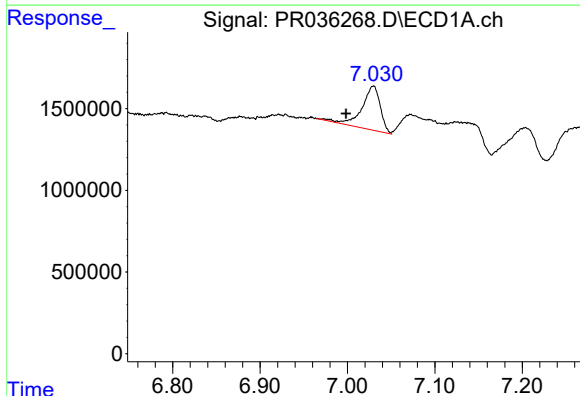
R.T.: 0.000 min  
Exp R.T.: 6.633 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



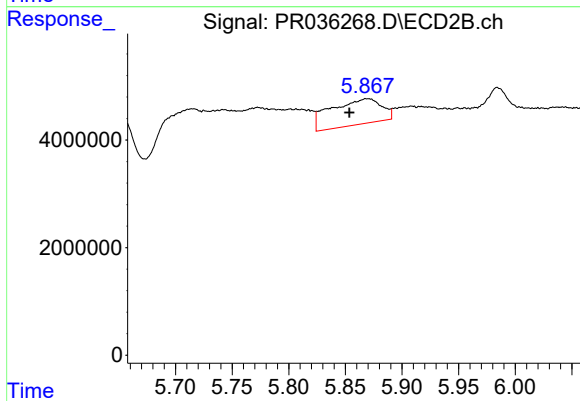
#27 AR-1254-2

R.T.: 5.463 min  
Delta R.T.: 0.004 min  
Response: 22489358  
Conc: 69.73 ng/ml



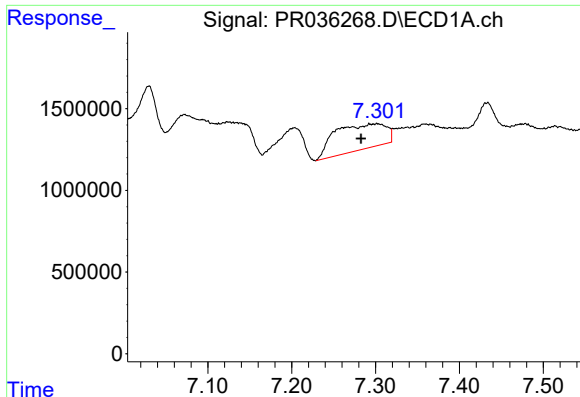
#28 AR-1254-3

R.T.: 7.029 min  
Delta R.T.: 0.031 min  
Response: 3993668  
Conc: 33.66 ng/ml



#28 AR-1254-3

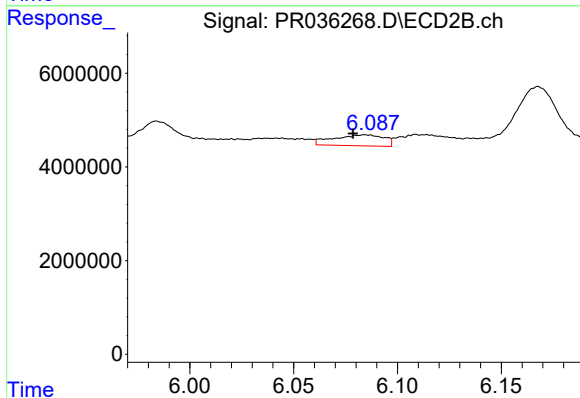
R.T.: 5.870 min  
Delta R.T.: 0.016 min  
Response: 14865709  
Conc: 28.76 ng/ml



#29 AR-1254-4

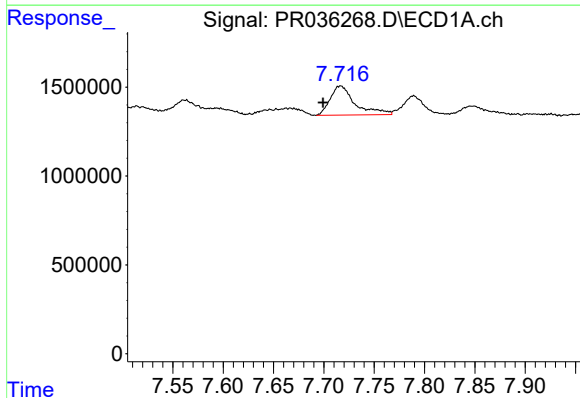
R.T.: 7.302 min  
Delta R.T.: 0.019 min  
Response: 6633722  
Conc: 77.95 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



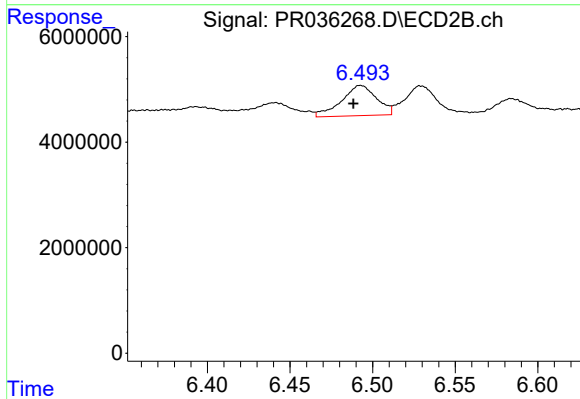
#29 AR-1254-4

R.T.: 6.084 min  
Delta R.T.: 0.006 min  
Response: 3974717  
Conc: 10.64 ng/ml



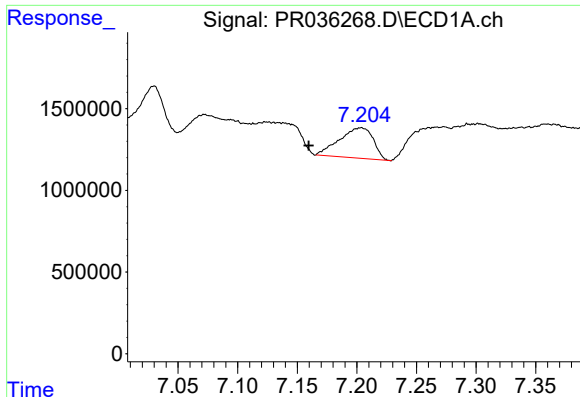
#30 AR-1254-5

R.T.: 7.717 min  
Delta R.T.: 0.017 min  
Response: 2814834  
Conc: 30.90 ng/ml



#30 AR-1254-5

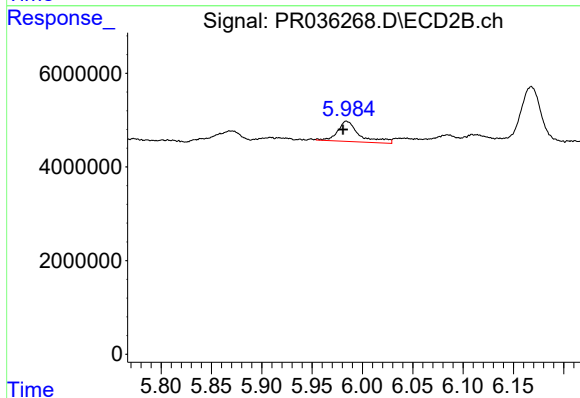
R.T.: 6.493 min  
Delta R.T.: 0.004 min  
Response: 8478275  
Conc: 17.96 ng/ml



#31 AR-1260-1

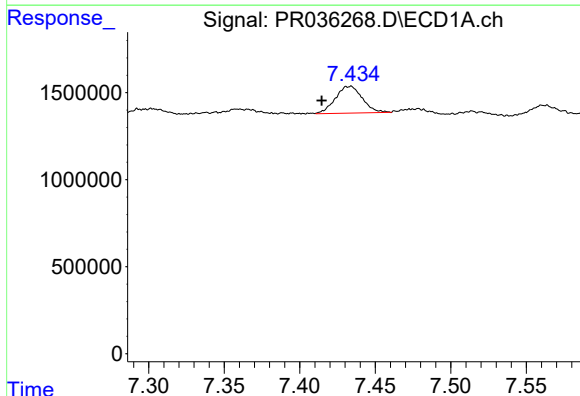
R.T.: 7.203 min  
Delta R.T.: 0.044 min  
Response: 3650364  
Conc: 39.73 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



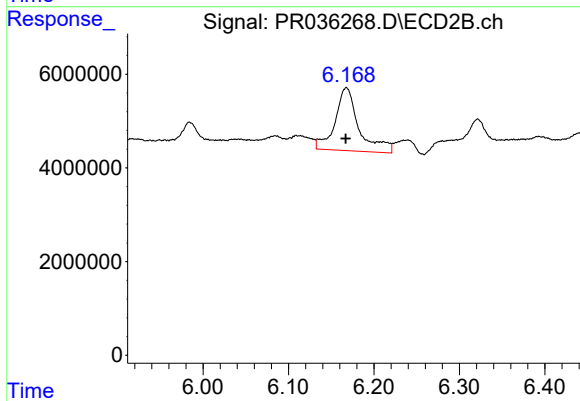
#31 AR-1260-1

R.T.: 5.985 min  
Delta R.T.: 0.004 min  
Response: 6584513  
Conc: 18.06 ng/ml



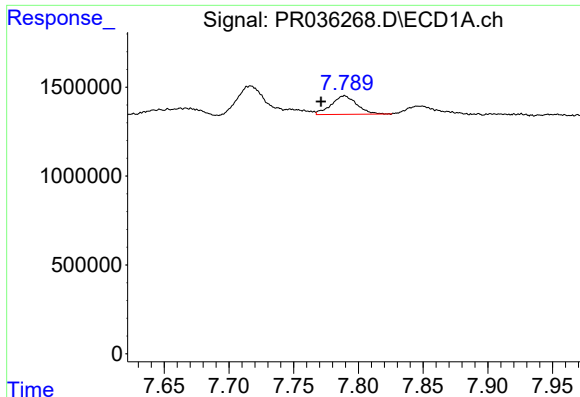
#32 AR-1260-2

R.T.: 7.433 min  
Delta R.T.: 0.018 min  
Response: 1910382  
Conc: 17.77 ng/ml



#32 AR-1260-2

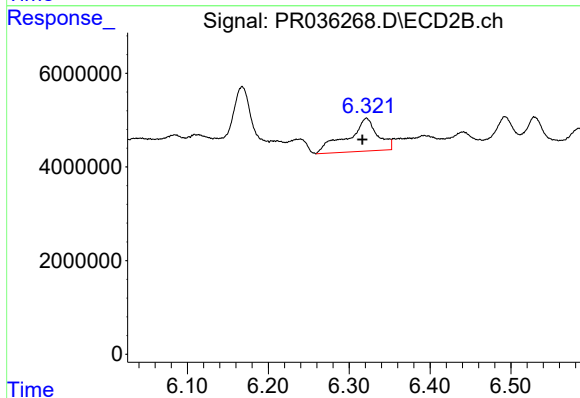
R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 26143282  
Conc: 50.19 ng/ml



#33 AR-1260-3

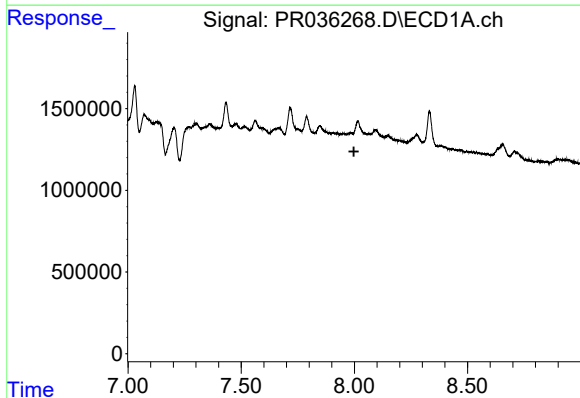
R.T.: 7.789 min  
Delta R.T.: 0.018 min  
Response: 1444173  
Conc: 17.61 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



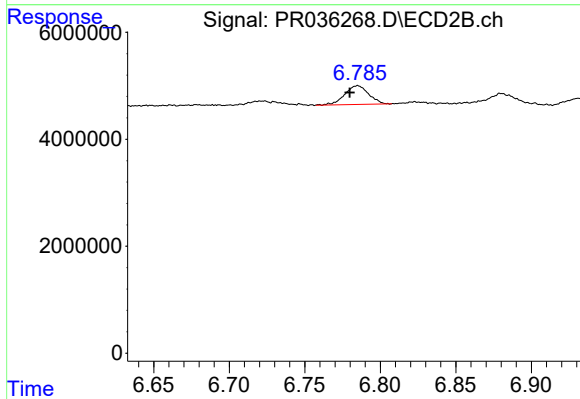
#33 AR-1260-3

R.T.: 6.321 min  
Delta R.T.: 0.005 min  
Response: 18228527  
Conc: 43.00 ng/ml



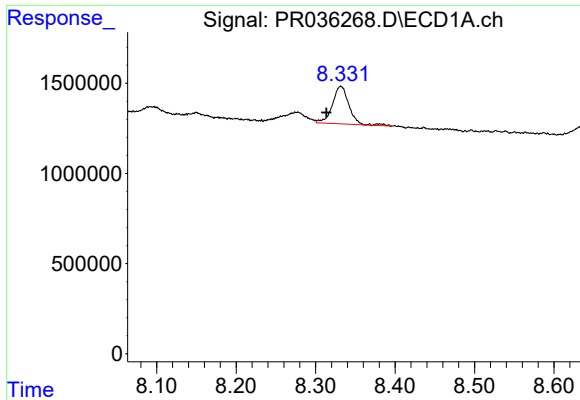
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.998 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

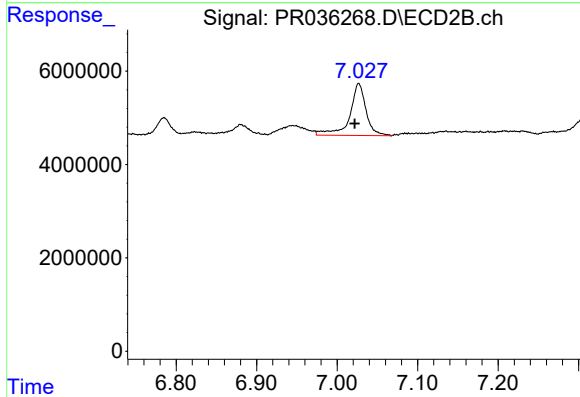
R.T.: 6.785 min  
Delta R.T.: 0.005 min  
Response: 3849322  
Conc: 10.95 ng/ml



#35 AR-1260-5

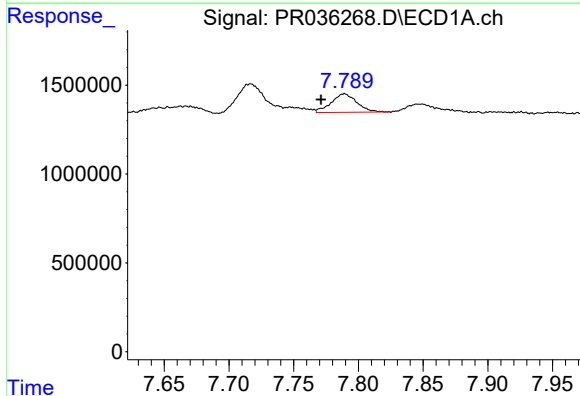
R.T.: 8.332 min  
Delta R.T.: 0.018 min  
Response: 3031475  
Conc: 17.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



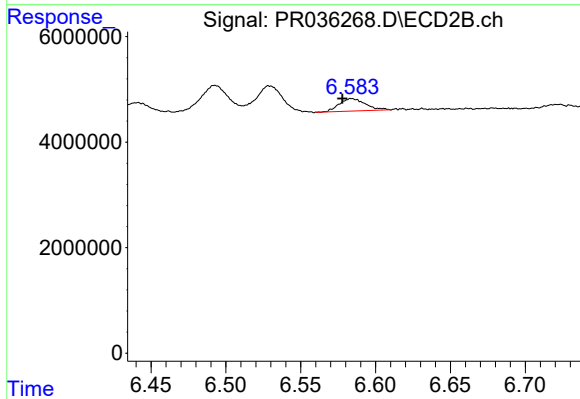
#35 AR-1260-5

R.T.: 7.027 min  
Delta R.T.: 0.005 min  
Response: 15693656  
Conc: 15.90 ng/ml



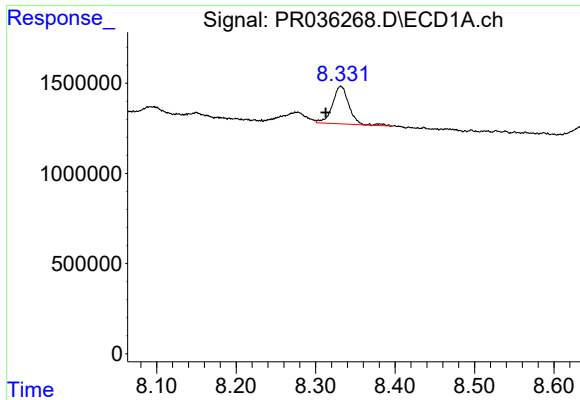
#36 AR-1262-1

R.T.: 7.789 min  
Delta R.T.: 0.018 min  
Response: 1444173  
Conc: 11.77 ng/ml



#36 AR-1262-1

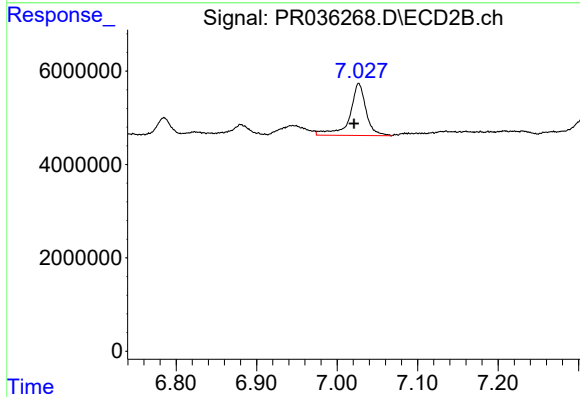
R.T.: 6.584 min  
Delta R.T.: 0.006 min  
Response: 2884053  
Conc: 11.02 ng/ml



#37 AR-1262-2

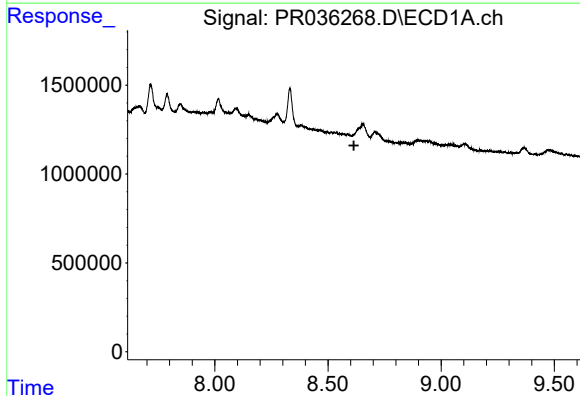
R.T.: 8.332 min  
Delta R.T.: 0.019 min  
Response: 3031475  
Conc: 14.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



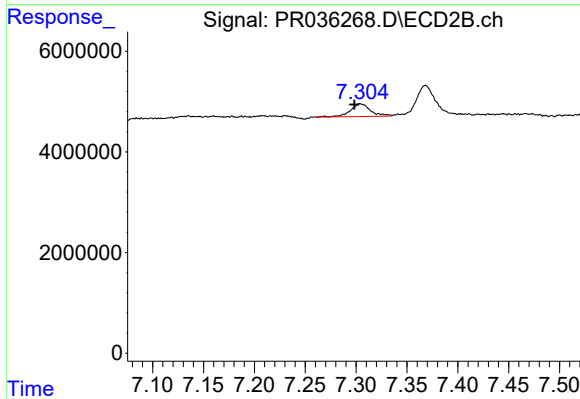
#37 AR-1262-2

R.T.: 7.027 min  
Delta R.T.: 0.006 min  
Response: 15693656  
Conc: 13.35 ng/ml



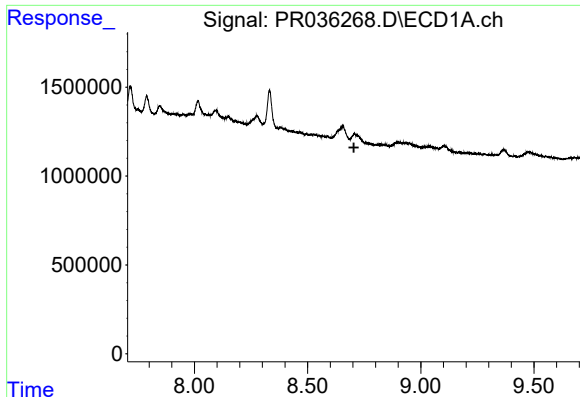
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.614 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

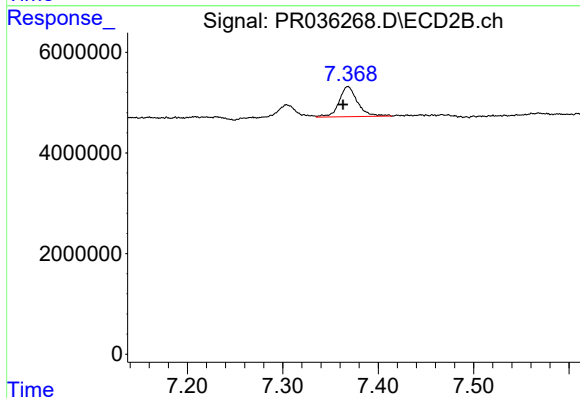
R.T.: 7.305 min  
Delta R.T.: 0.006 min  
Response: 3483493  
Conc: 7.75 ng/ml



#39 AR-1262-4

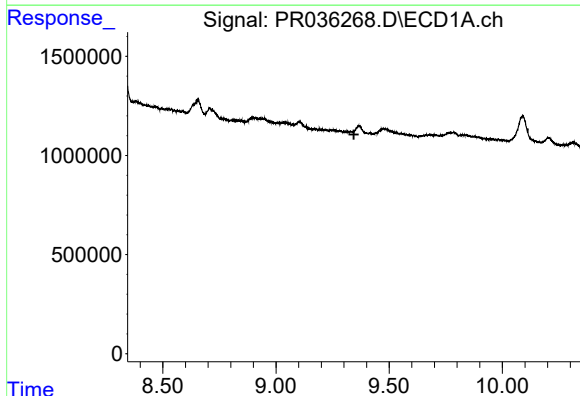
R.T.: 0.000 min  
Exp R.T.: 8.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



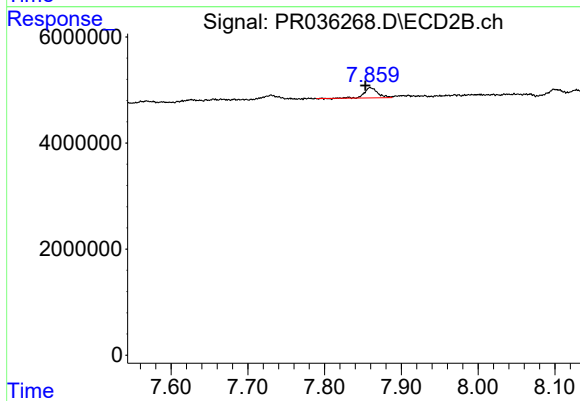
#39 AR-1262-4

R.T.: 7.368 min  
Delta R.T.: 0.005 min  
Response: 8073956  
Conc: 10.69 ng/ml



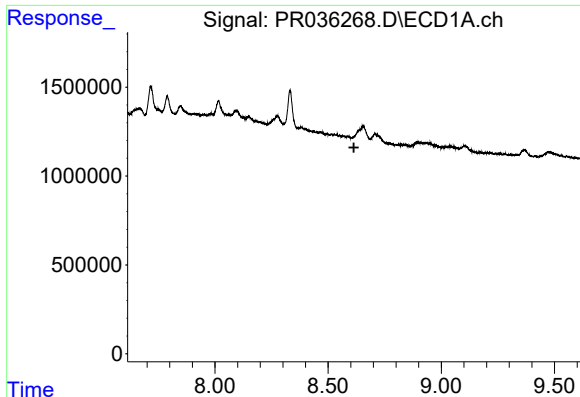
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.344 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

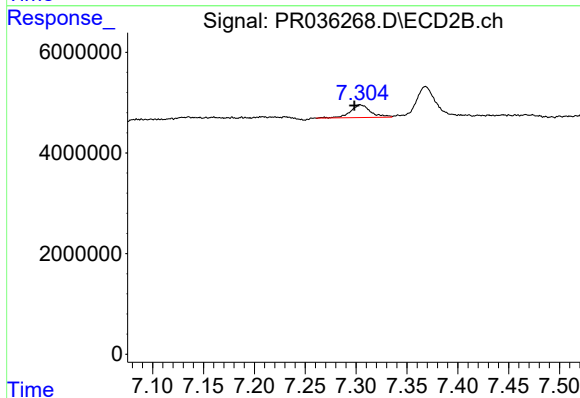
R.T.: 7.860 min  
Delta R.T.: 0.007 min  
Response: 2335561  
Conc: 7.49 ng/ml



#41 AR-1268-1

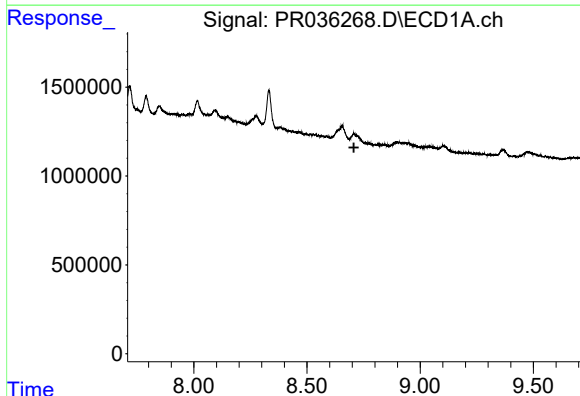
R.T.: 0.000 min  
Exp R.T.: 8.614 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



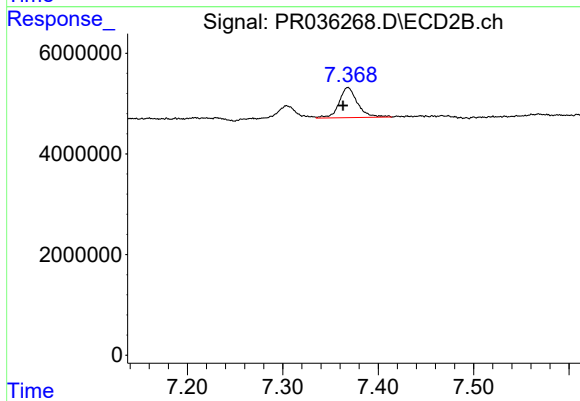
#41 AR-1268-1

R.T.: 7.305 min  
Delta R.T.: 0.006 min  
Response: 3483493  
Conc: 2.53 ng/ml



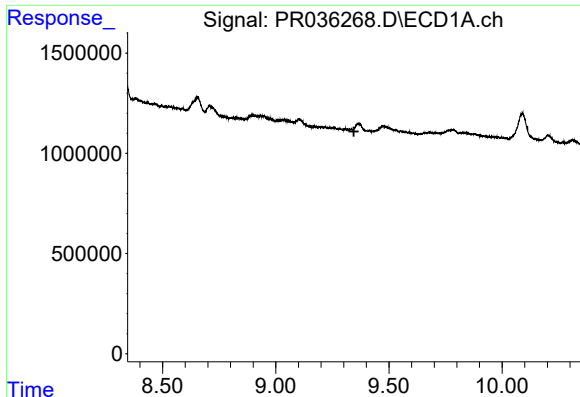
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.707 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

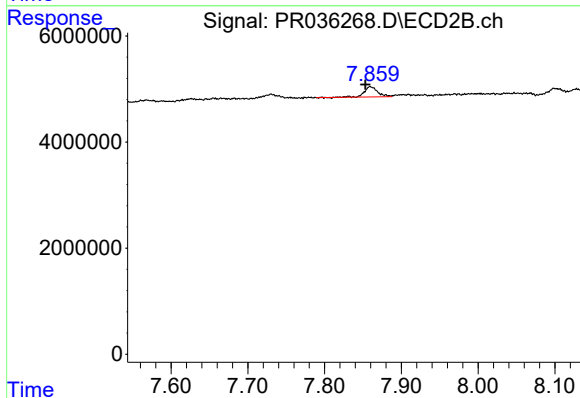
R.T.: 7.368 min  
Delta R.T.: 0.005 min  
Response: 8073956  
Conc: 6.91 ng/ml



#44 AR-1268-4

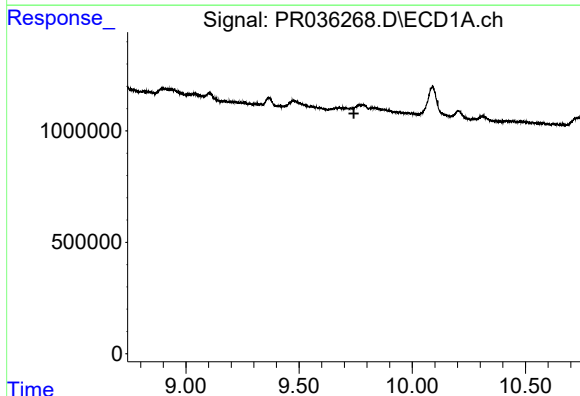
R.T.: 0.000 min  
Exp R.T.: 9.345 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
HEXANE



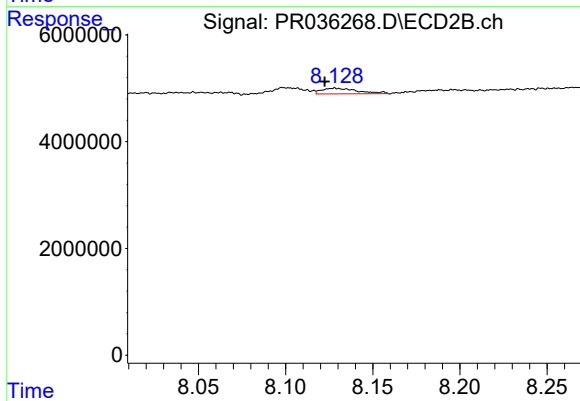
#44 AR-1268-4

R.T.: 7.860 min  
Delta R.T.: 0.007 min  
Response: 2335561  
Conc: 6.43 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.742 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.129 min  
Delta R.T.: 0.006 min  
Response: 1521982  
Conc: 0.61 ng/ml