

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020321\  
 Data File : PL064583.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Feb 2021 19:14  
 Operator : AR\AJ  
 Sample : M1291-05  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OU421-006-0002

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 04 03:37:40 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 29 04:48:57 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2    | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|-----------|----------|-----------|
| -----                       |                 |        |        |          |           |          |           |
| System Monitoring Compounds |                 |        |        |          |           |          |           |
| 1)                          | SA Tetrachlo... | 3.433  | 4.107  | 39239171 | 33384441  | 12.890   | 14.015    |
| 28)                         | SA Decachlor... | 8.164  | 9.273  | 146.2E6  | 122.4E6   | 46.385   | 59.789 #  |
| Target Compounds            |                 |        |        |          |           |          |           |
| 4)                          | MA Heptachlor   | 0.000  | 5.299  | 0        | 5350900   | N.D.     | 1.535 #   |
| 5)                          | MB Aldrin       | 4.697  | 5.648f | 12213179 | 22067328  | 2.874    | 7.393 #   |
| 6)                          | B beta-BHC      | 0.000  | 4.990  | 0        | 6468250   | N.D.     | 3.822 #   |
| 8)                          | B Heptachlo...  | 5.109f | 6.007  | 2102665  | 200.3E6   | 0.516    | 78.186 #  |
| 9)                          | A Endosulfan I  | 5.490f | 6.357f | 17694914 | 17018283  | 4.686    | 6.399 #   |
| 10)                         | B gamma-Chl...  | 5.377f | 6.268f | 103.2E6  | 152.3E6   | 24.922   | 52.397 #  |
| 11)                         | B alpha-Chl...  | 5.401  | 6.324  | 16263498 | 5979306   | 3.966    | 2.032 #   |
| 12)                         | B 4,4'-DDE      | 5.583  | 6.486  | 28041425 | 250.6E6   | 7.439    | 96.800 #  |
| 13)                         | MA Dieldrin     | 5.705  | 6.627  | 442.8E6  | 76329231  | 110.721  | 27.686 #  |
| 14)                         | MA Endrin       | 5.966  | 6.851  | 85096605 | 295.3E6   | 23.264   | 128.643 # |
| 15)                         | B Endosulfa...  | 6.226  | 7.052f | 169.4E6  | 44695734  | 46.822   | 18.107 #  |
| 16)                         | A 4,4'-DDD      | 6.095  | 6.985  | 2282213  | 292.1E6   | 0.725    | 126.883 # |
| 17)                         | MA 4,4'-DDT     | 6.332  | 7.283  | 667.7E6  | 95750601  | 217.553  | 46.616 #  |
| 18)                         | B Endrin al...  | 6.424f | 7.198  | 76132389 | 21236258  | 24.821   | 10.001 #  |
| 19)                         | B Endosulfa...  | 6.619  | 0.000  | 217.5E6  | 0         | 59.851   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.862f | 7.728  | 306.1E6  | 9092149   | 169.443  | 7.187 #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.884f | 0        | 46497816  | N.D.     | 19.122 #  |
| 22)                         | Mirex           | 0.000  | 8.372f | 0        | 226.0E6   | N.D.     | 117.655 # |
| 23)                         | Chlordane-1     | 4.297  | 0.000  | 5568192  | 0         | 50.655   | N.D. #    |
| 25)                         | Chlordane-3     | 5.377f | 6.268f | 103.2E6  | 152.3E6   | 286.036  | 424.922 # |
| 26)                         | Chlordane-4     | 5.401  | 6.324  | 16263498 | 5979306   | 54.677   | 13.597 #  |
| 27)                         | Chlordane-5     | 6.226f | 7.161f | 169.4E6  | -34256927 | 1422.678 | N.D. #    |
| -----                       |                 |        |        |          |           |          |           |

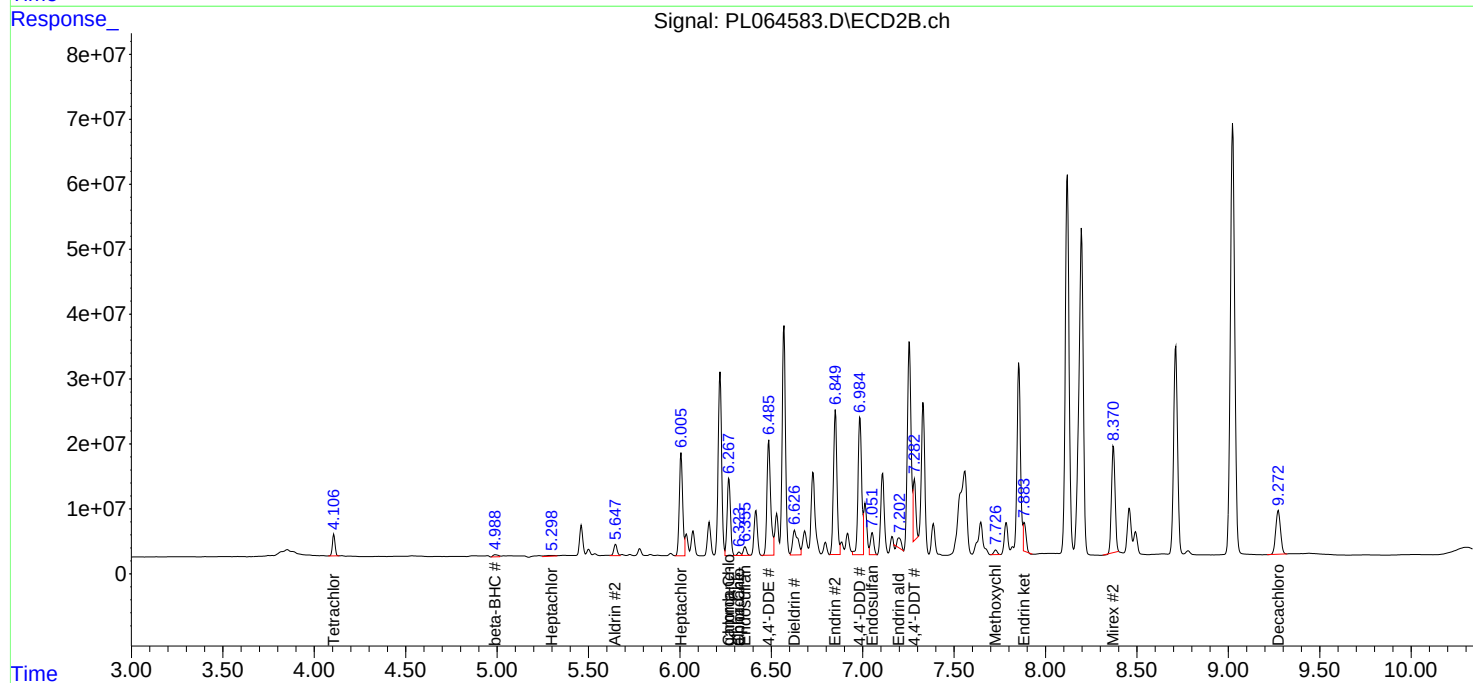
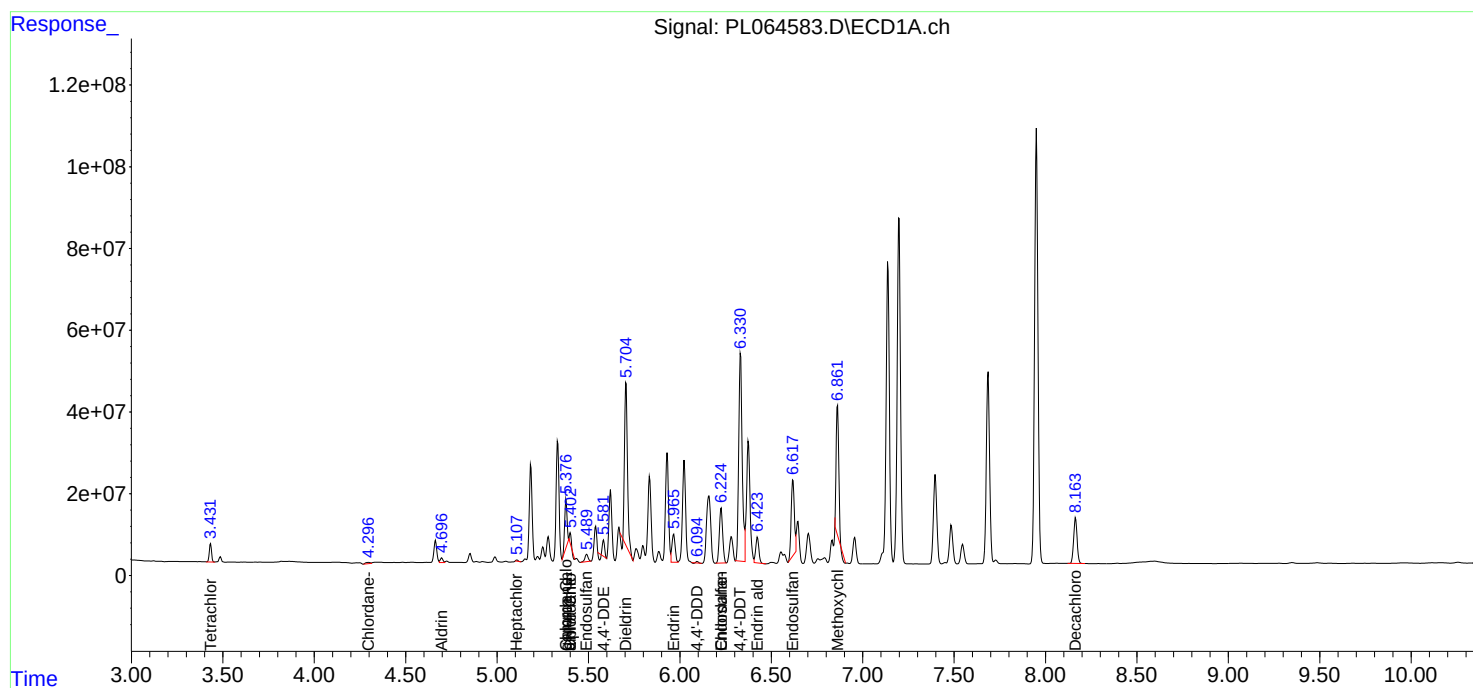
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

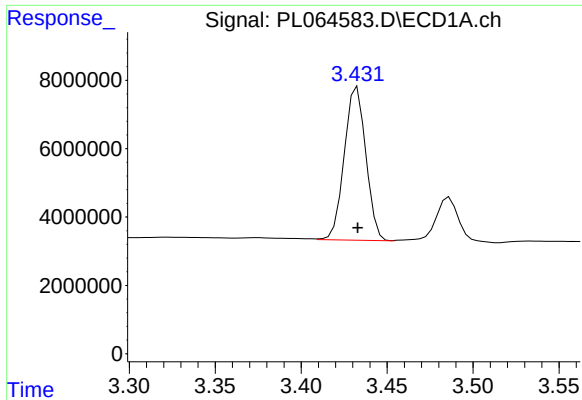
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020321\  
Data File : PL064583.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Feb 2021 19:14  
Operator : AR\AJ  
Sample : M1291-05  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
OU421-006-0002

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 04 03:37:40 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 29 04:48:57 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

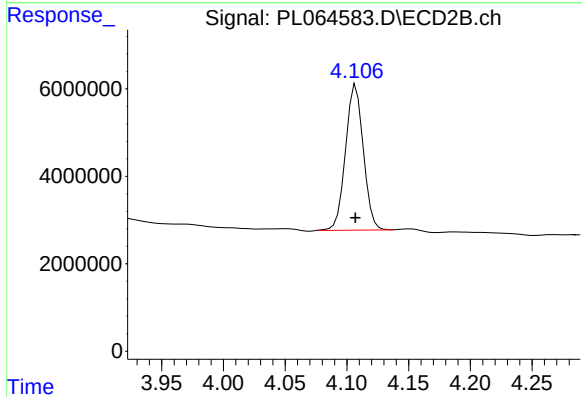




#1 Tetrachloro-m-xylene

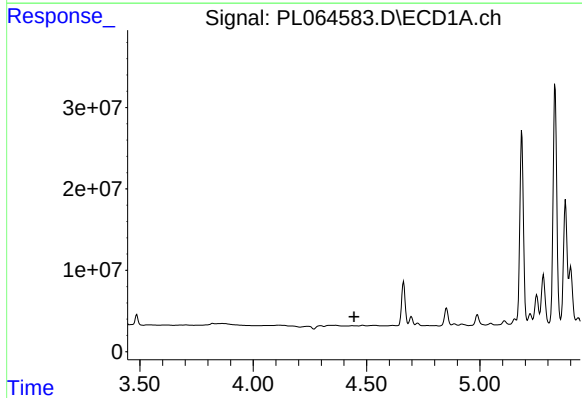
R.T.: 3.433 min  
Delta R.T.: 0.000 min  
Response: 39239171  
Conc: 12.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



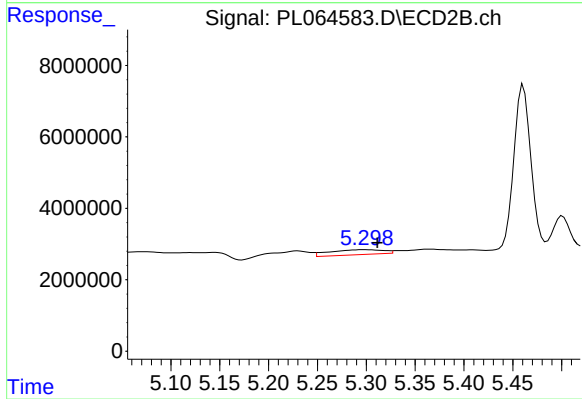
#1 Tetrachloro-m-xylene

R.T.: 4.107 min  
Delta R.T.: 0.000 min  
Response: 33384441  
Conc: 14.02 ng/ml



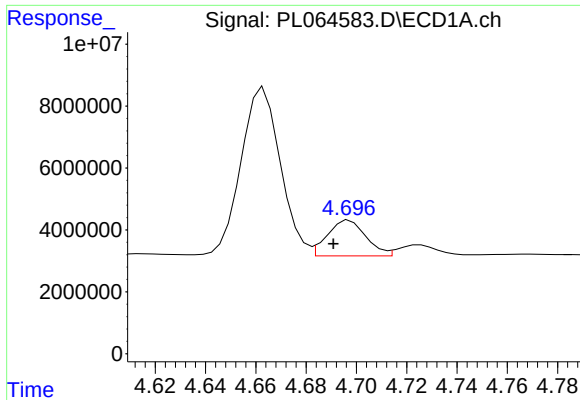
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.445 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

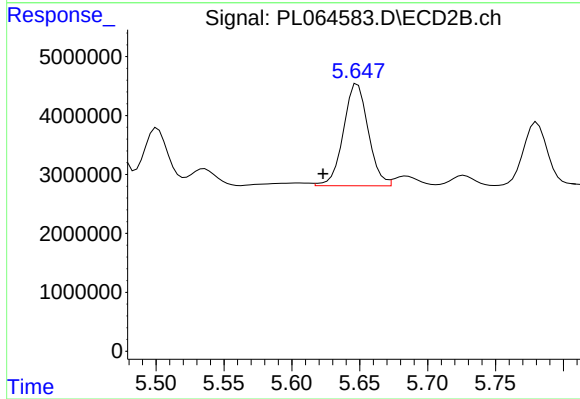
R.T.: 5.299 min  
Delta R.T.: -0.013 min  
Response: 5350900  
Conc: 1.54 ng/ml



#5 Aldrin

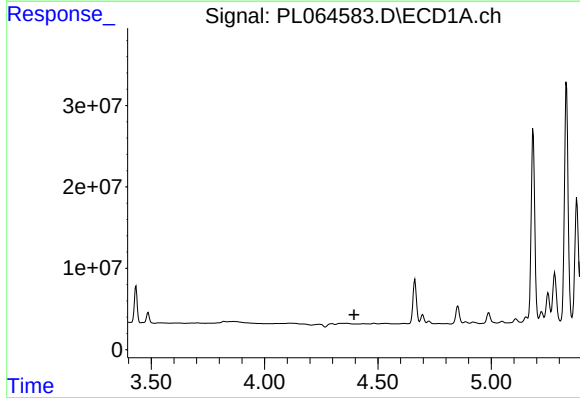
R.T.: 4.697 min  
Delta R.T.: 0.006 min  
Response: 12213179  
Conc: 2.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



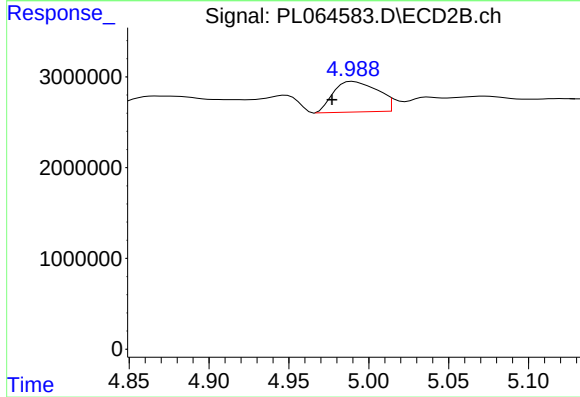
#5 Aldrin

R.T.: 5.648 min  
Delta R.T.: 0.025 min  
Response: 22067328  
Conc: 7.39 ng/ml



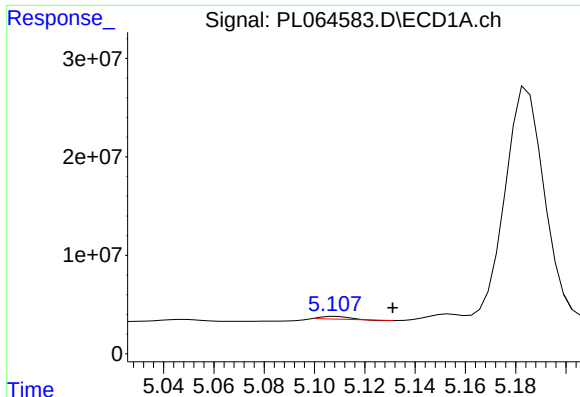
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.395 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

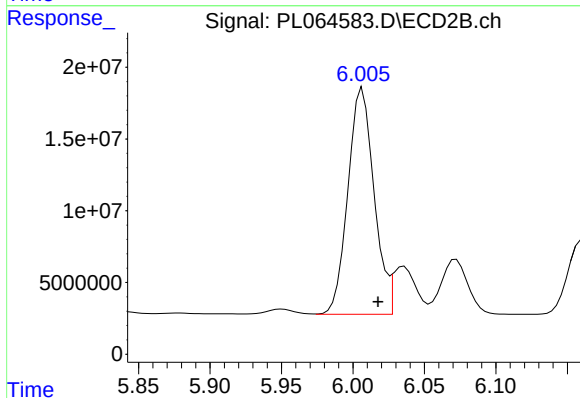
R.T.: 4.990 min  
Delta R.T.: 0.013 min  
Response: 6468250  
Conc: 3.82 ng/ml



#8 Heptachlor epoxide

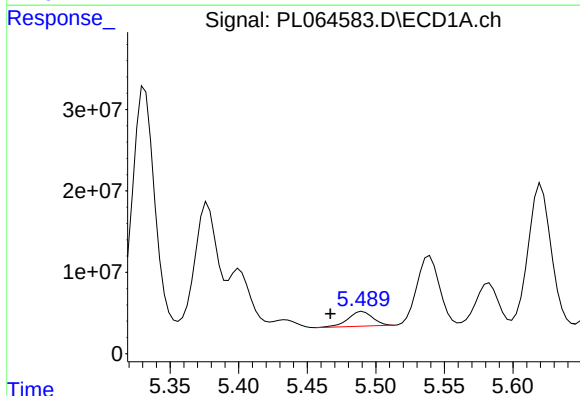
R.T.: 5.109 min  
Delta R.T.: -0.022 min  
Response: 2102665  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



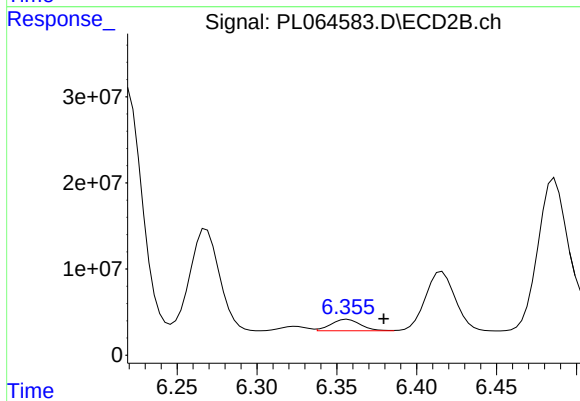
#8 Heptachlor epoxide

R.T.: 6.007 min  
Delta R.T.: -0.011 min  
Response: 200273633  
Conc: 78.19 ng/ml



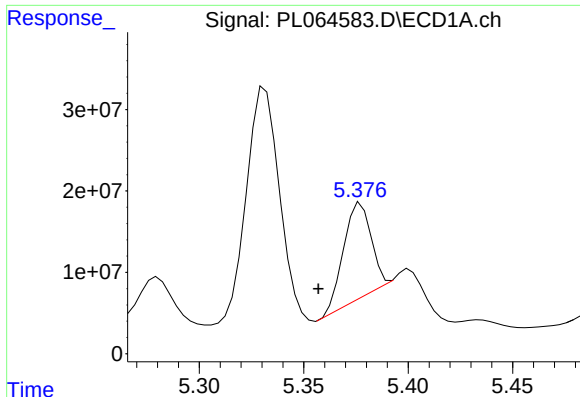
#9 Endosulfan I

R.T.: 5.490 min  
Delta R.T.: 0.023 min  
Response: 17694914  
Conc: 4.69 ng/ml



#9 Endosulfan I

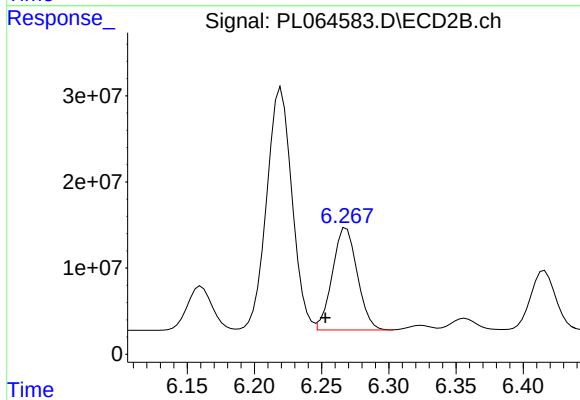
R.T.: 6.357 min  
Delta R.T.: -0.023 min  
Response: 17018283  
Conc: 6.40 ng/ml



#10 gamma-Chlordane

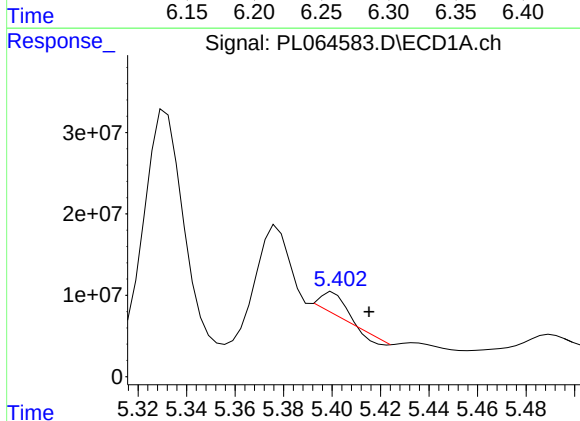
R.T.: 5.377 min  
Delta R.T.: 0.020 min  
Response: 103181269  
Conc: 24.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



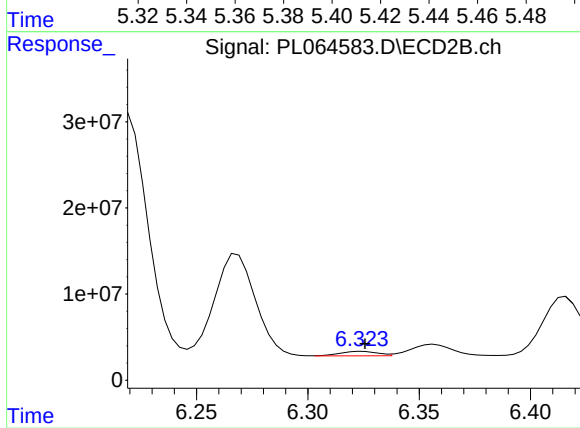
#10 gamma-Chlordane

R.T.: 6.268 min  
Delta R.T.: 0.015 min  
Response: 152329239  
Conc: 52.40 ng/ml



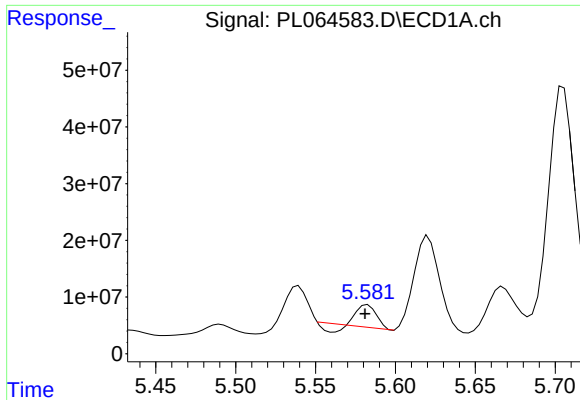
#11 alpha-Chlordane

R.T.: 5.401 min  
Delta R.T.: -0.015 min  
Response: 16263498  
Conc: 3.97 ng/ml



#11 alpha-Chlordane

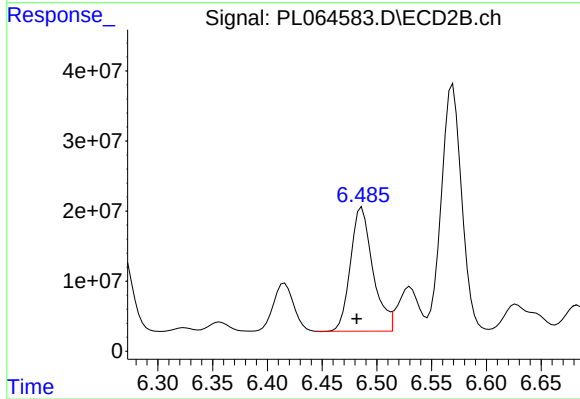
R.T.: 6.324 min  
Delta R.T.: -0.001 min  
Response: 5979306  
Conc: 2.03 ng/ml



#12 4,4'-DDE

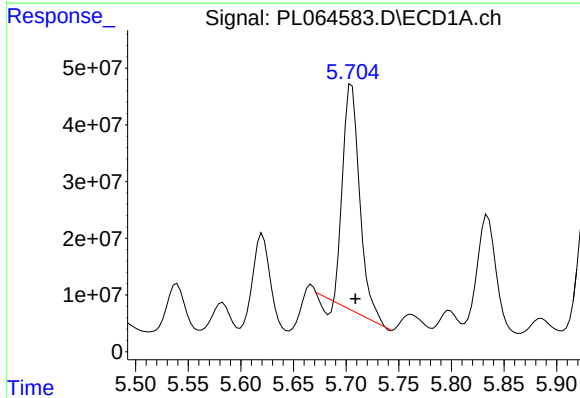
R.T.: 5.583 min  
Delta R.T.: 0.002 min  
Response: 28041425  
Conc: 7.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



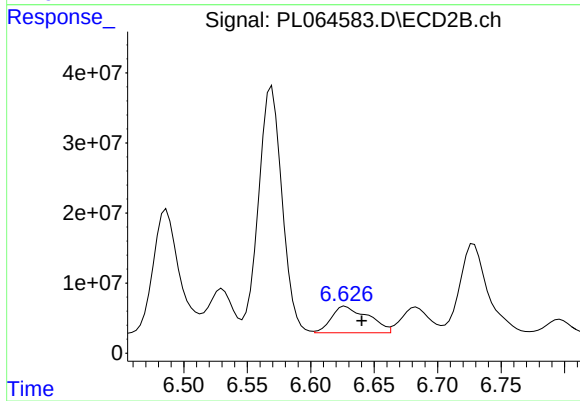
#12 4,4'-DDE

R.T.: 6.486 min  
Delta R.T.: 0.005 min  
Response: 250643549  
Conc: 96.80 ng/ml



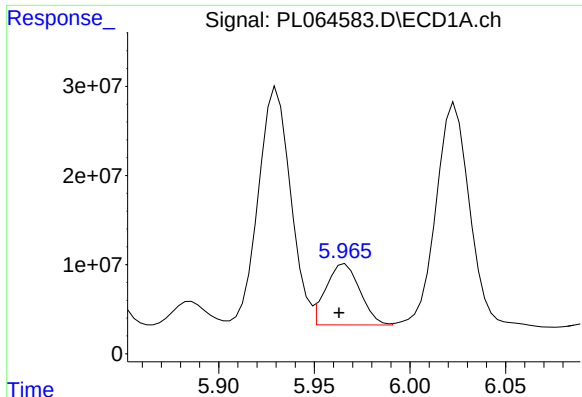
#13 Dieldrin

R.T.: 5.705 min  
Delta R.T.: -0.004 min  
Response: 442809558  
Conc: 110.72 ng/ml



#13 Dieldrin

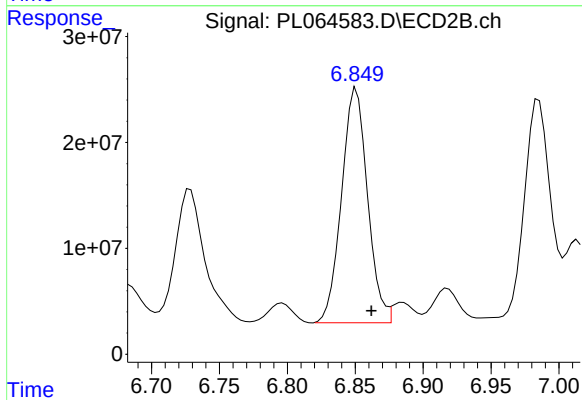
R.T.: 6.627 min  
Delta R.T.: -0.013 min  
Response: 76329231  
Conc: 27.69 ng/ml



#14 Endrin

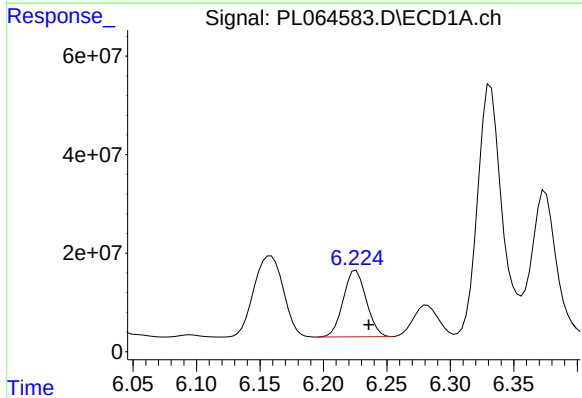
R.T.: 5.966 min  
Delta R.T.: 0.003 min  
Response: 85096605  
Conc: 23.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



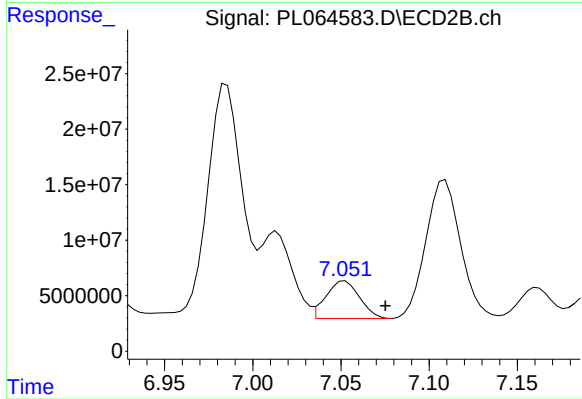
#14 Endrin

R.T.: 6.851 min  
Delta R.T.: -0.011 min  
Response: 295307787  
Conc: 128.64 ng/ml



#15 Endosulfan II

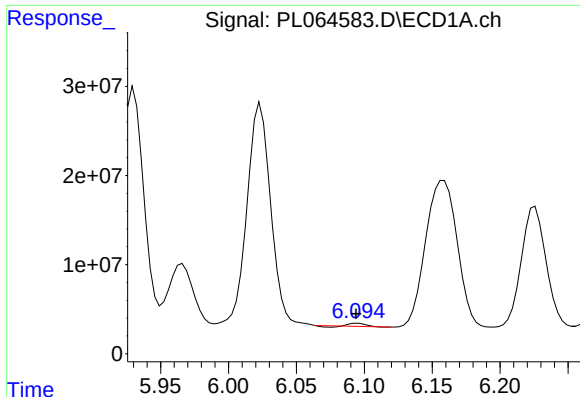
R.T.: 6.226 min  
Delta R.T.: -0.010 min  
Response: 169368142  
Conc: 46.82 ng/ml



#15 Endosulfan II

R.T.: 7.052 min  
Delta R.T.: -0.023 min  
Response: 44695734  
Conc: 18.11 ng/ml

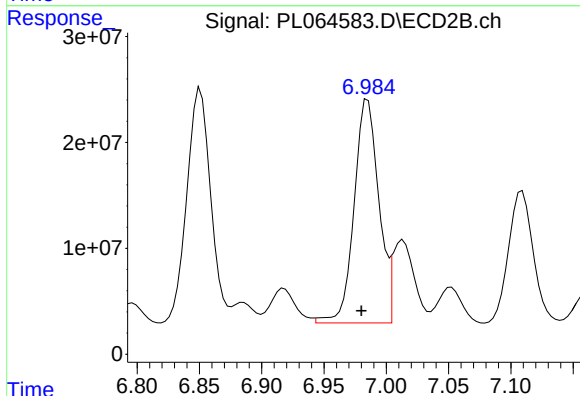




#16 4,4'-DDD

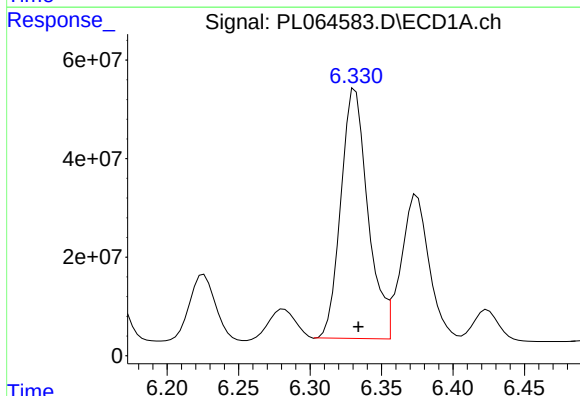
R.T.: 6.095 min  
Delta R.T.: 0.001 min  
Response: 2282213  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



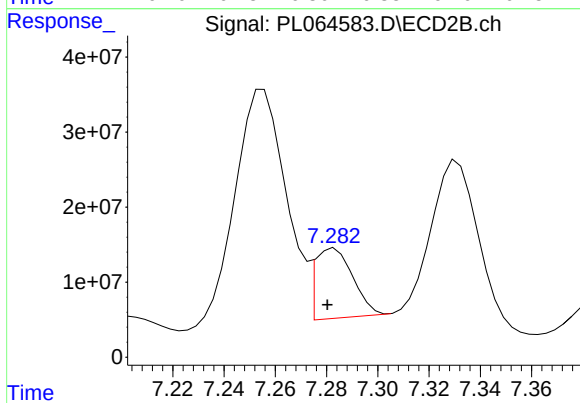
#16 4,4'-DDD

R.T.: 6.985 min  
Delta R.T.: 0.005 min  
Response: 292069357  
Conc: 126.88 ng/ml



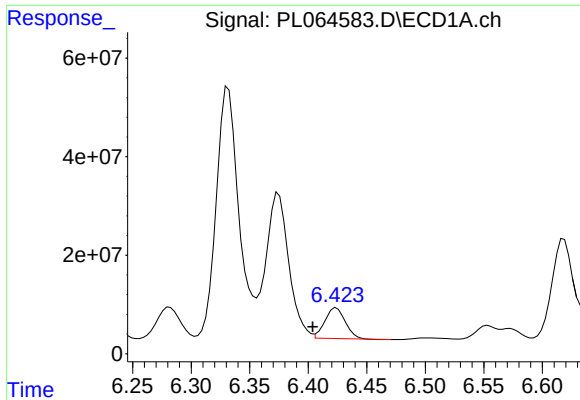
#17 4,4'-DDT

R.T.: 6.332 min  
Delta R.T.: -0.002 min  
Response: 667670860  
Conc: 217.55 ng/ml



#17 4,4'-DDT

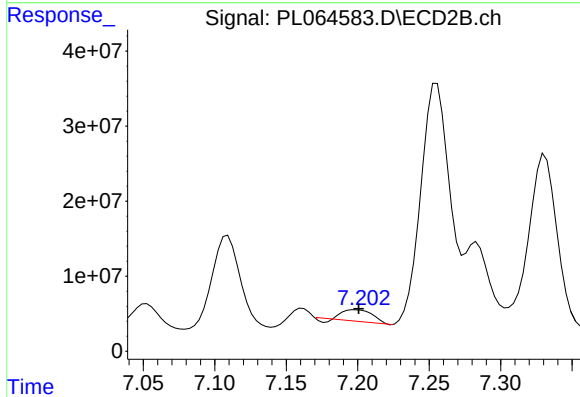
R.T.: 7.283 min  
Delta R.T.: 0.003 min  
Response: 95750601  
Conc: 46.62 ng/ml



#18 Endrin aldehyde

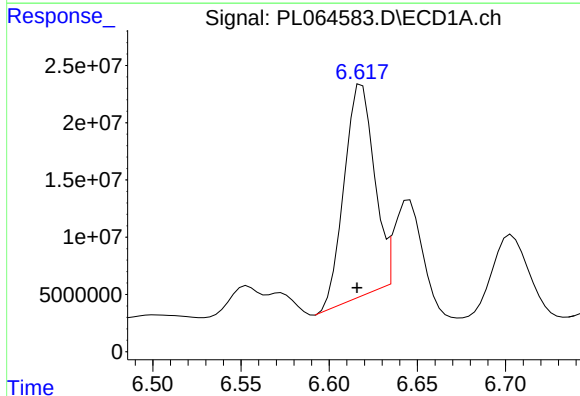
R.T.: 6.424 min  
Delta R.T.: 0.020 min  
Response: 76132389  
Conc: 24.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



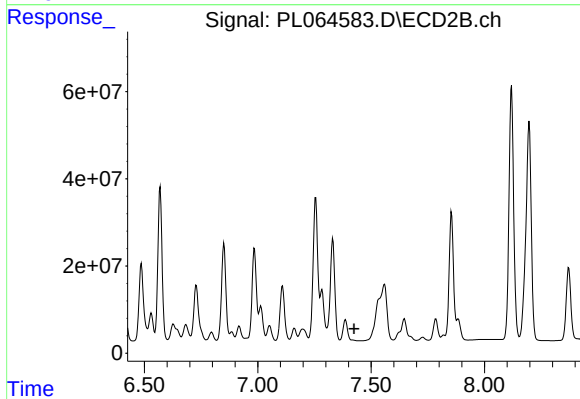
#18 Endrin aldehyde

R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 21236258  
Conc: 10.00 ng/ml



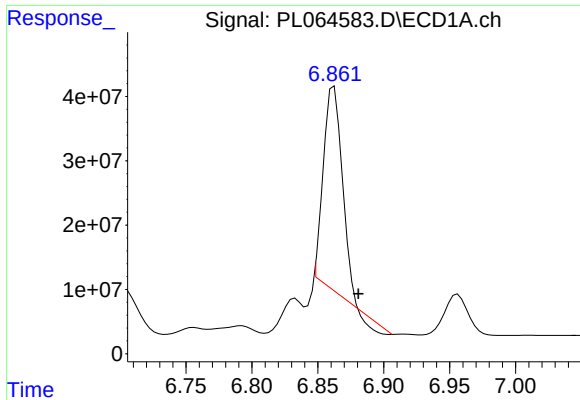
#19 Endosulfan Sulfate

R.T.: 6.619 min  
Delta R.T.: 0.003 min  
Response: 217548704  
Conc: 59.85 ng/ml



#19 Endosulfan Sulfate

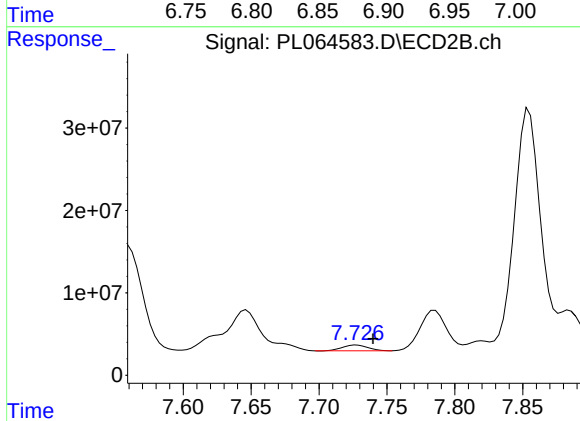
R.T.: 0.000 min  
Exp R.T.: 7.425 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

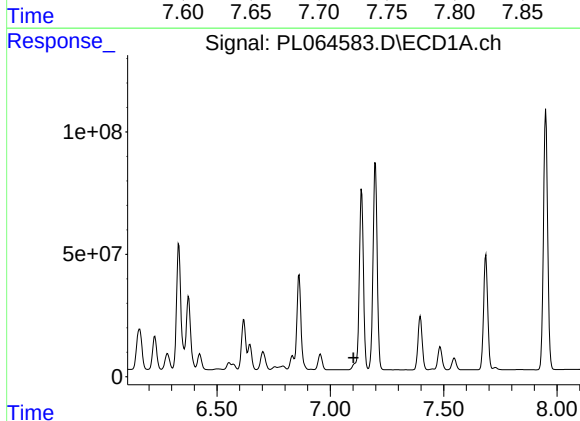
R.T.: 6.862 min  
Delta R.T.: -0.018 min  
Response: 306070790  
Conc: 169.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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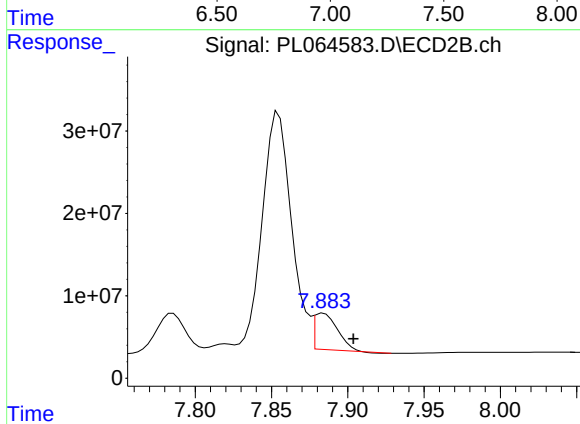
#20 Methoxychlor

R.T.: 7.728 min  
Delta R.T.: -0.012 min  
Response: 9092149  
Conc: 7.19 ng/ml



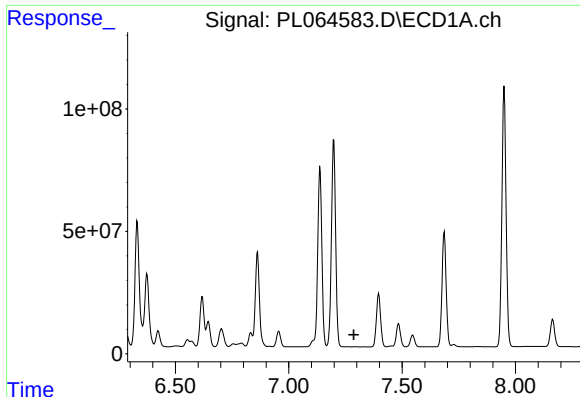
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.103 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

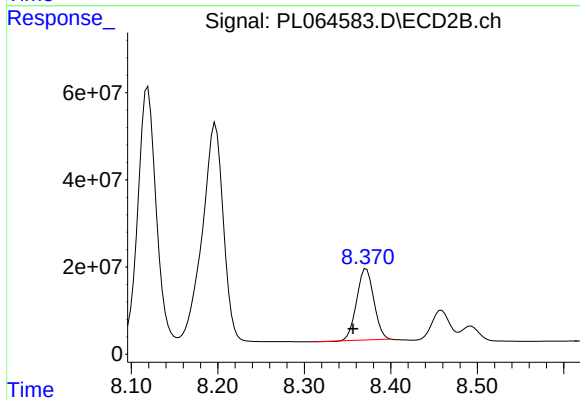
R.T.: 7.884 min  
Delta R.T.: -0.020 min  
Response: 46497816  
Conc: 19.12 ng/ml



#22 Mirex

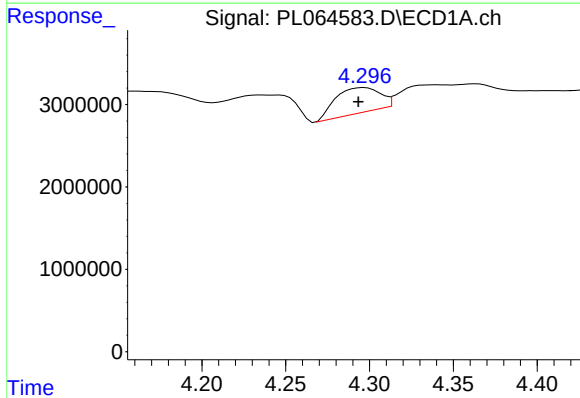
R.T.: 0.000 min  
Exp R.T.: 7.287 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



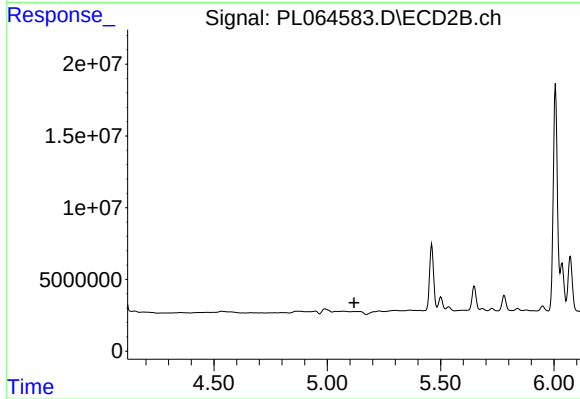
#22 Mirex

R.T.: 8.372 min  
Delta R.T.: 0.015 min  
Response: 225953424  
Conc: 117.65 ng/ml



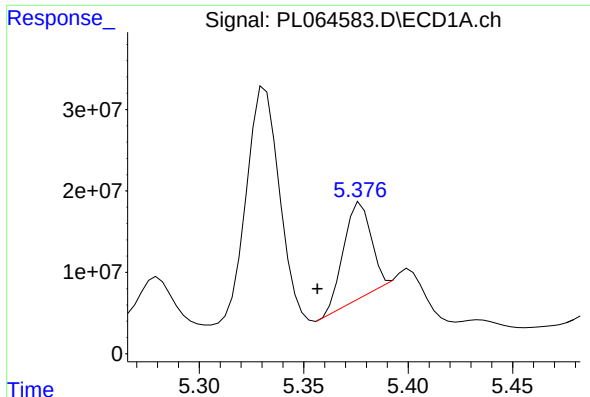
#23 Chlordane-1

R.T.: 4.297 min  
Delta R.T.: 0.003 min  
Response: 5568192  
Conc: 50.66 ng/ml



#23 Chlordane-1

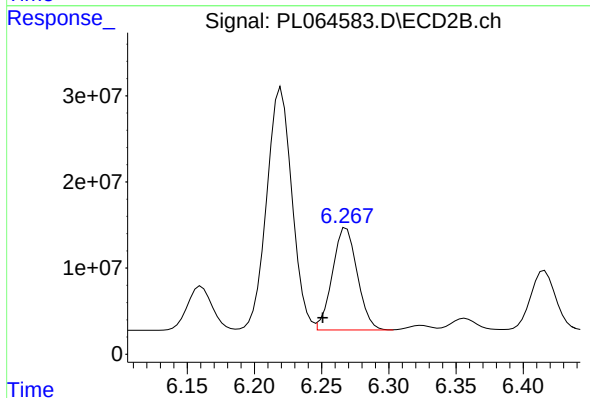
R.T.: 0.000 min  
Exp R.T.: 5.119 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

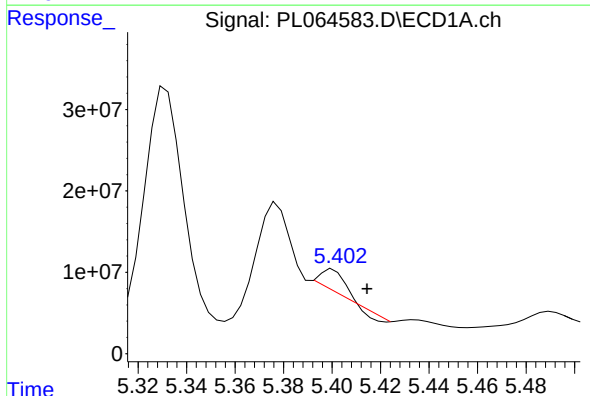
R.T.: 5.377 min  
Delta R.T.: 0.021 min  
Response: 103181269  
Conc: 286.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



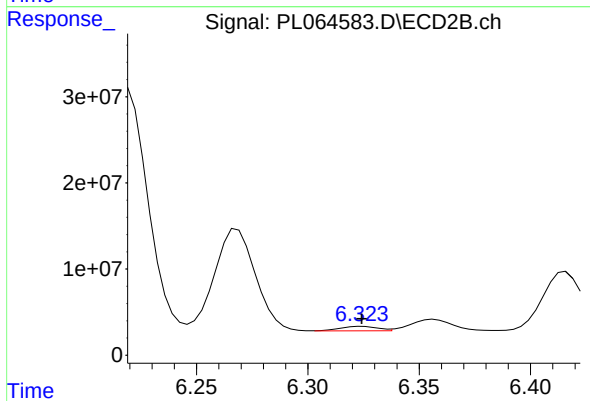
#25 Chlordane-3

R.T.: 6.268 min  
Delta R.T.: 0.017 min  
Response: 152329239  
Conc: 424.92 ng/ml



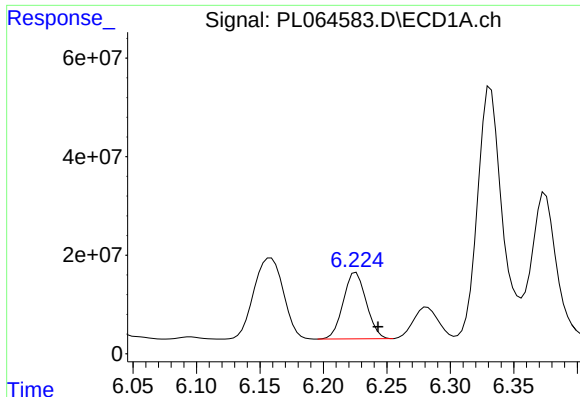
#26 Chlordane-4

R.T.: 5.401 min  
Delta R.T.: -0.014 min  
Response: 16263498  
Conc: 54.68 ng/ml



#26 Chlordane-4

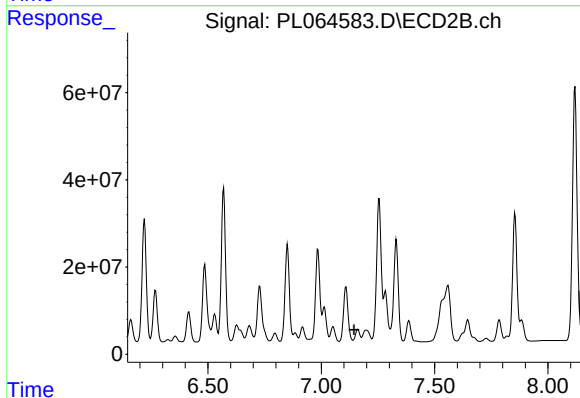
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 5979306  
Conc: 13.60 ng/ml



#27 Chlordane-5

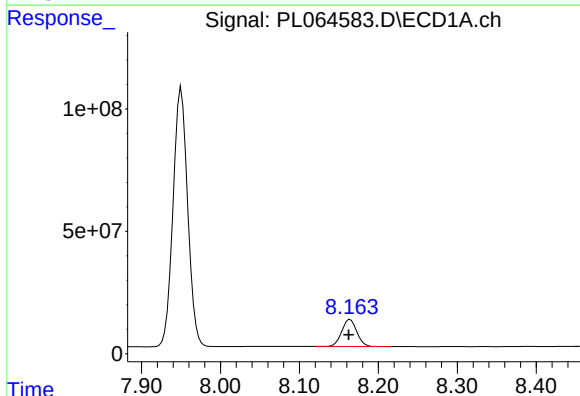
R.T.: 6.226 min  
Delta R.T.: -0.017 min  
Response: 169368142  
Conc: 1422.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU421-006-0002



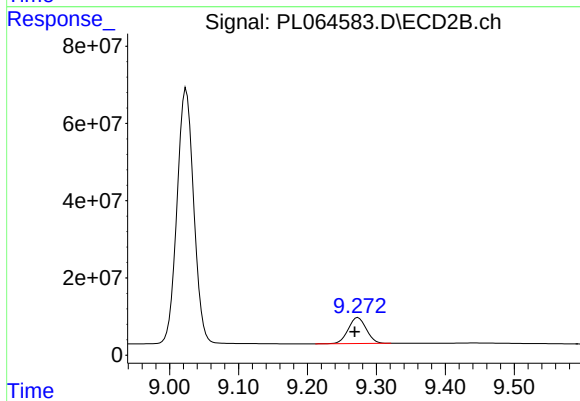
#27 Chlordane-5

R.T.: 7.161 min  
Delta R.T.: 0.017 min  
Response: -34256927  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.164 min  
Delta R.T.: 0.002 min  
Response: 146177685  
Conc: 46.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.273 min  
Delta R.T.: 0.005 min  
Response: 122411547  
Conc: 59.79 ng/ml