

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030124\  
 Data File : PL088381.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Mar 2024 15:29  
 Operator : AR\AJ  
 Sample : P1653-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 294MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/04/2024  
 Supervised By :Ankita Jodhani 03/04/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 02 01:05:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 2024  
 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... | 3.635 | 2.854 | 57093545 | 31509676 | 20.786 | 22.466  |
| 28)                         | SA Decachlor... | 9.298 | 8.081 | 46232343 | 28739627 | 24.005 | 22.571  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.100 | 3.369 | 200.1E6  | 102.5E6  | 47.937 | 49.898  |
| 3)                          | MA gamma-BHC... | 4.437 | 3.705 | 192.3E6  | 98802502 | 47.476 | 49.339  |
| 4)                          | MA Heptachlor   | 5.037 | 4.053 | 192.7E6  | 99495836 | 50.072 | 54.615  |
| 5)                          | MB Aldrin       | 5.385 | 4.338 | 178.4E6  | 93717193 | 46.721 | 48.321  |
| 6)                          | B beta-BHC      | 4.635 | 4.006 | 84228409 | 43981157 | 48.362 | 49.413  |
| 7)                          | B delta-BHC     | 4.886 | 4.241 | 167.4E6  | 83897638 | 43.998 | 42.058  |
| 8)                          | B Heptachlo...  | 5.817 | 4.849 | 173.4E6  | 88884683 | 49.503 | 51.237  |
| 9)                          | A Endosulfan I  | 6.207 | 5.225 | 152.5E6  | 79801320 | 48.730 | 49.595  |
| 10)                         | B gamma-Chl...  | 6.075 | 5.102 | 184.9E6  | 102.0E6  | 54.398 | 57.196m |
| 11)                         | B alpha-Chl...  | 6.157 | 5.168 | 214.4E6  | 101.7E6  | 62.822 | 57.062  |
| 12)                         | B 4,4'-DDE      | 6.330 | 5.361 | 144.7E6  | 83014245 | 47.701 | 52.230  |
| 13)                         | MA Dieldrin     | 6.485 | 5.494 | 162.6E6  | 89806164 | 49.440 | 52.051  |
| 14)                         | MA Endrin       | 6.717 | 5.773 | 137.2E6  | 82244261 | 52.770 | 55.008  |
| 15)                         | B Endosulfa...  | 6.938 | 6.070 | 142.3E6  | 79691026 | 49.681 | 52.311  |
| 16)                         | A 4,4'-DDD      | 6.852 | 5.923 | 130.0E6  | 65893831 | 50.133 | 48.231  |
| 17)                         | MA 4,4'-DDT     | 7.171 | 6.178 | 135.6E6  | 77555489 | 51.576 | 56.807  |
| 18)                         | B Endrin al...  | 7.069 | 6.252 | 105.4E6  | 57122655 | 50.991 | 52.302  |
| 19)                         | B Endosulfa...  | 7.306 | 6.476 | 131.3E6  | 75558595 | 50.407 | 53.800m |
| 20)                         | A Methoxychlor  | 7.651 | 6.761 | 71471714 | 44373061 | 53.993 | 56.616  |
| 21)                         | B Endrin ke...  | 7.798 | 6.991 | 148.8E6  | 85740399 | 53.139 | 51.213  |
| 22)                         | Mirex           | 8.279 | 7.176 | 111.8E6  | 71226749 | 48.255 | 54.367  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030124\  
Data File : PL088381.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Mar 2024 15:29  
Operator : AR\AJ  
Sample : P1653-01MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

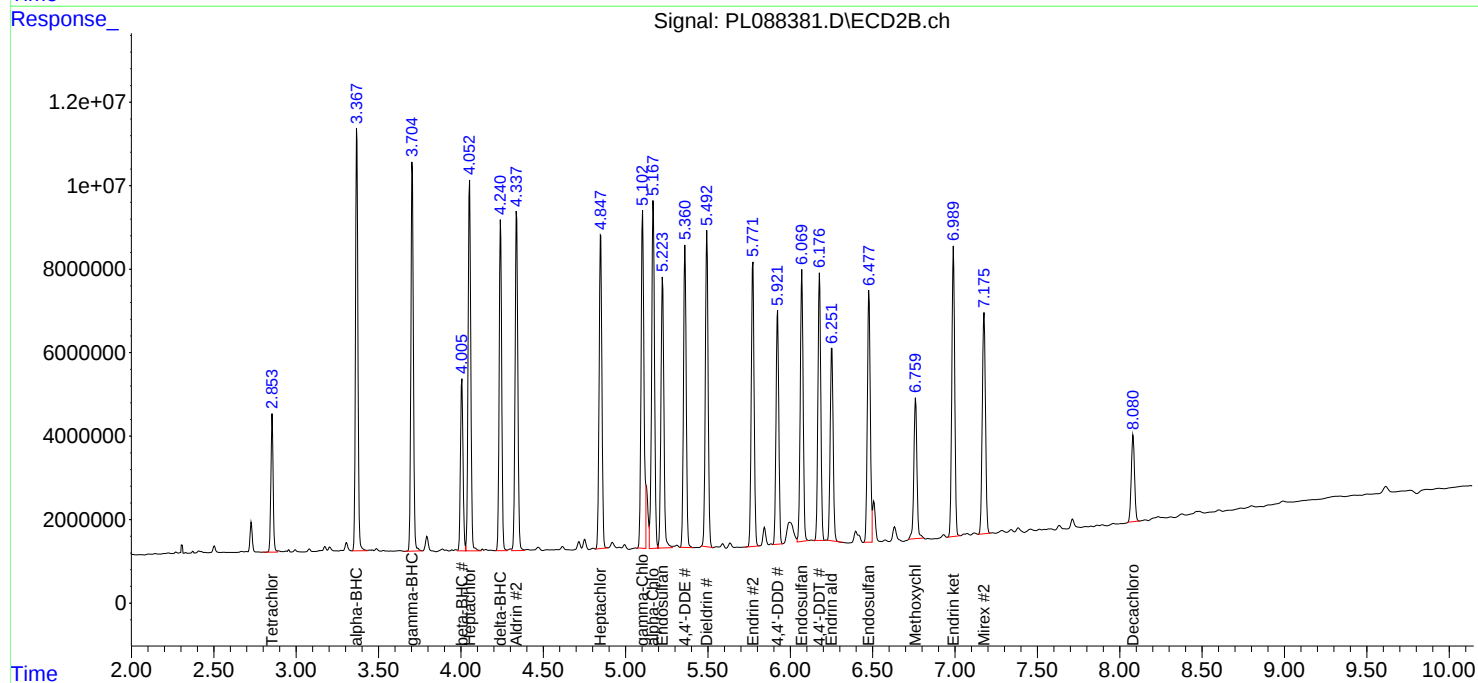
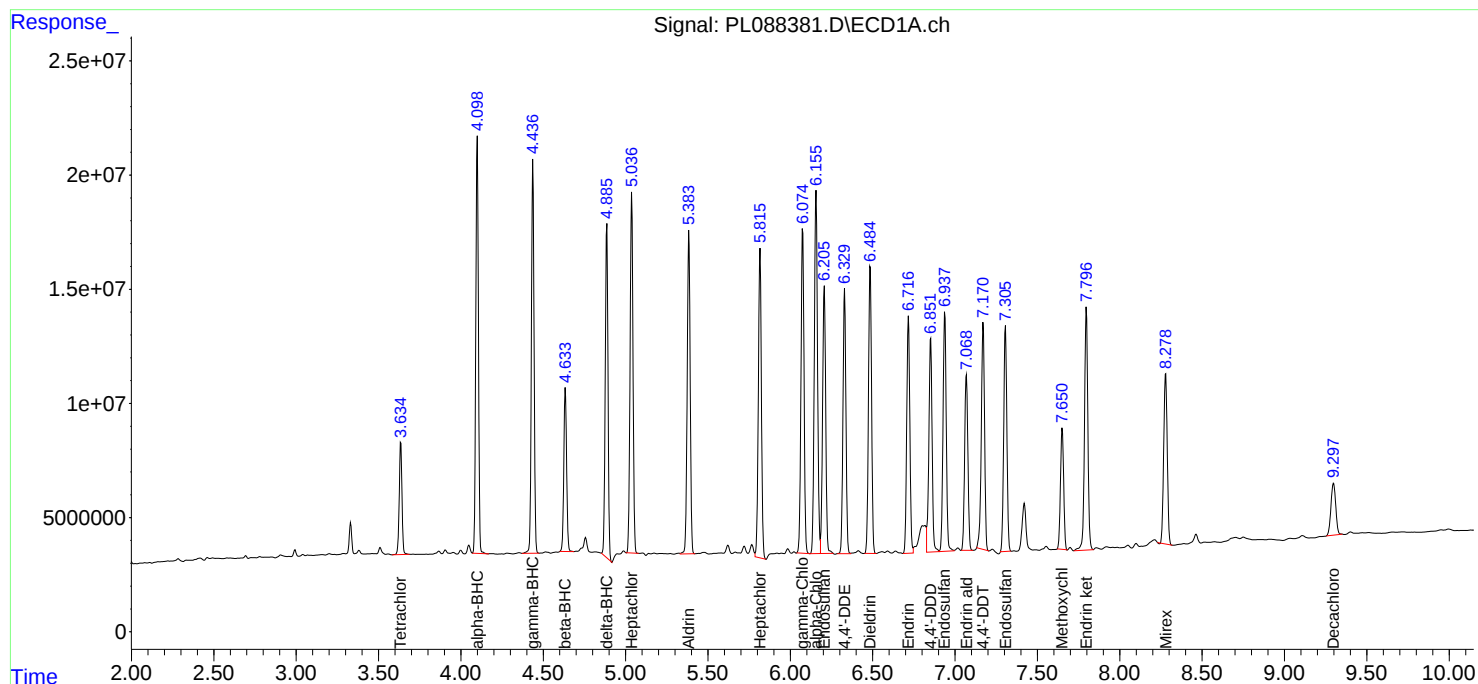
Instrument :  
ECD\_L  
ClientSampleId :  
294MS

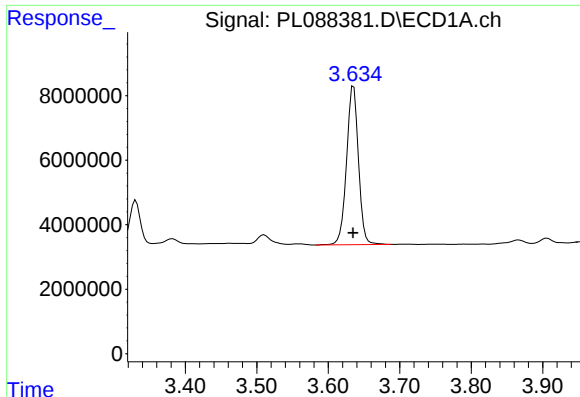
Manual Integrations  
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Supervised By :Ankita Jodhani 03/04/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 02 01:05:00 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 2024  
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





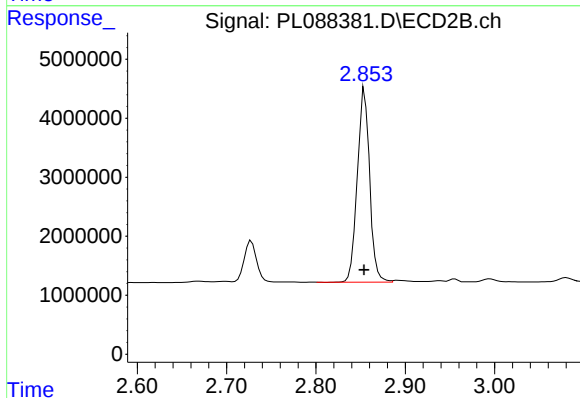
#1 Tetrachloro-m-xylene

R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 57093545  
Conc: 20.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

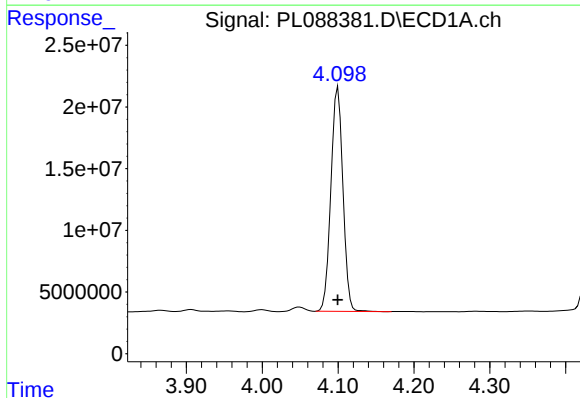
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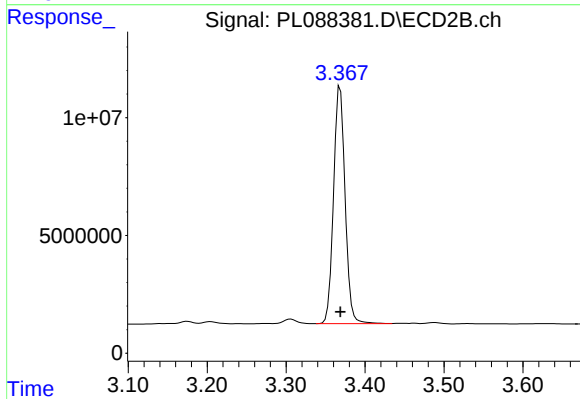
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 31509676  
Conc: 22.47 ng/ml



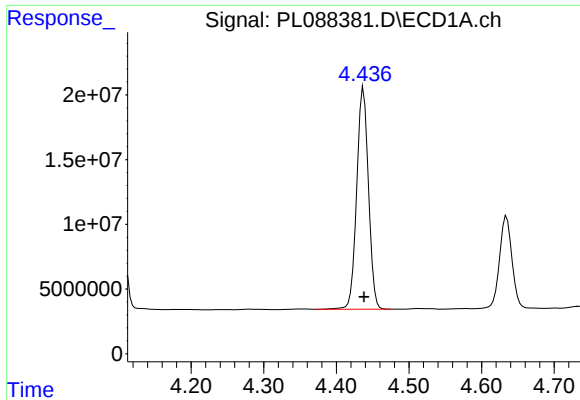
#2 alpha-BHC

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 200098817  
Conc: 47.94 ng/ml



#2 alpha-BHC

R.T.: 3.369 min  
Delta R.T.: 0.000 min  
Response: 102530590  
Conc: 49.90 ng/ml



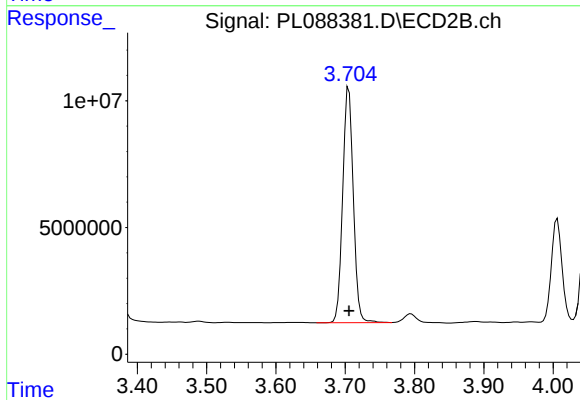
#3 gamma-BHC (Lindane)

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 192256392  
Conc: 47.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

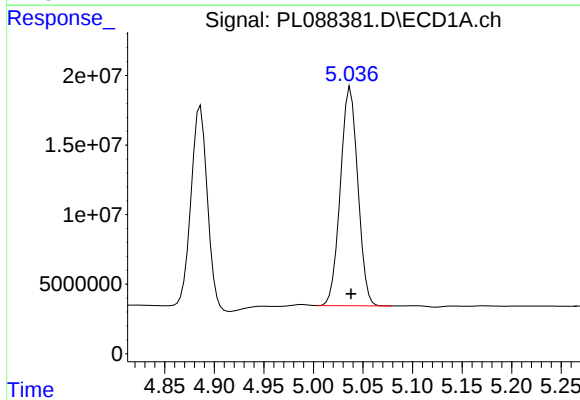
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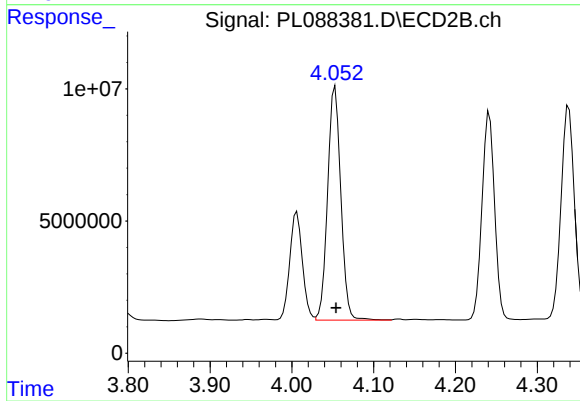
#3 gamma-BHC (Lindane)

R.T.: 3.705 min  
Delta R.T.: 0.000 min  
Response: 98802502  
Conc: 49.34 ng/ml



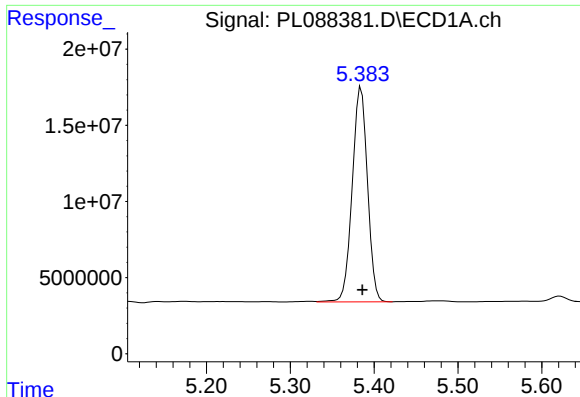
#4 Heptachlor

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 192690810  
Conc: 50.07 ng/ml



#4 Heptachlor

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 99495836  
Conc: 54.62 ng/ml



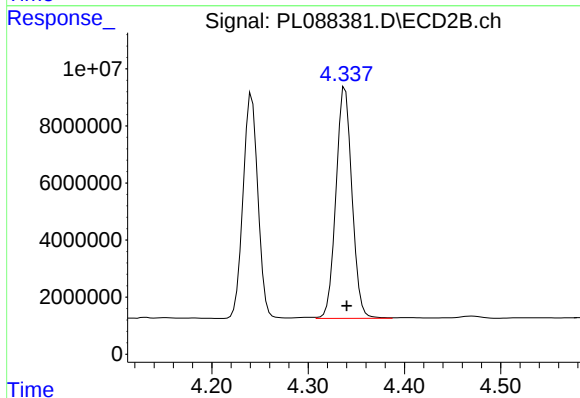
#5 Aldrin

R.T.: 5.385 min  
Delta R.T.: -0.001 min  
Response: 178398071  
Conc: 46.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

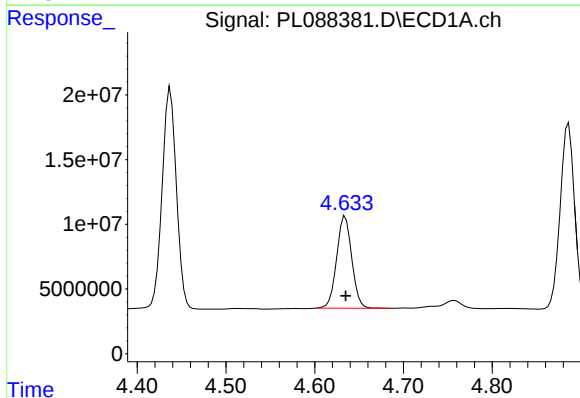
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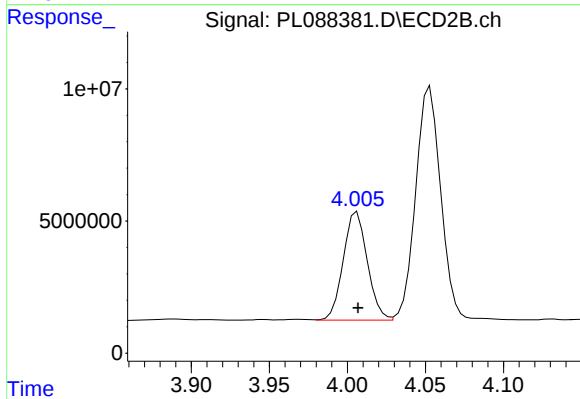
#5 Aldrin

R.T.: 4.338 min  
Delta R.T.: -0.002 min  
Response: 93717193  
Conc: 48.32 ng/ml



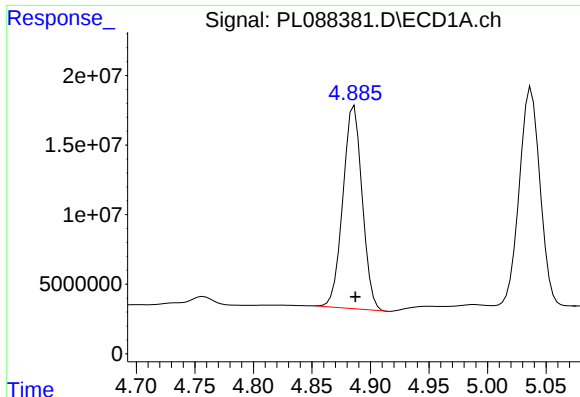
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 84228409  
Conc: 48.36 ng/ml



#6 beta-BHC

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 43981157  
Conc: 49.41 ng/ml



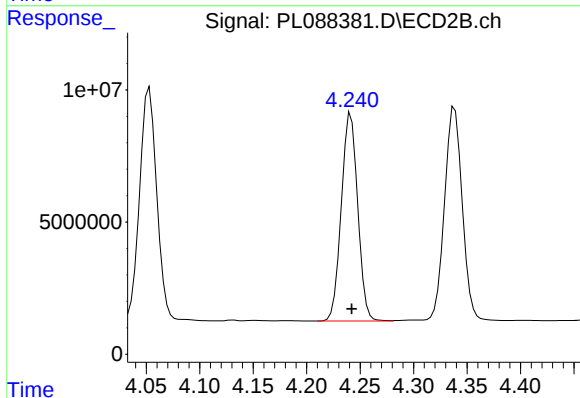
#7 delta-BHC

R.T.: 4.886 min  
Delta R.T.: -0.001 min  
Response: 167400925  
Conc: 44.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

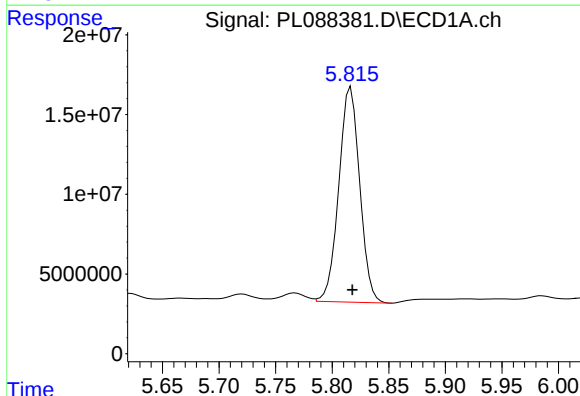
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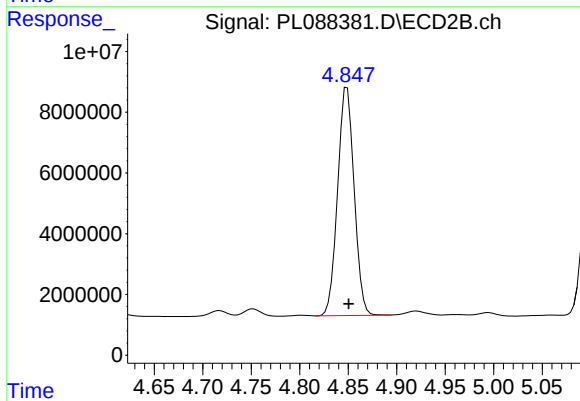
#7 delta-BHC

R.T.: 4.241 min  
Delta R.T.: 0.000 min  
Response: 83897638  
Conc: 42.06 ng/ml



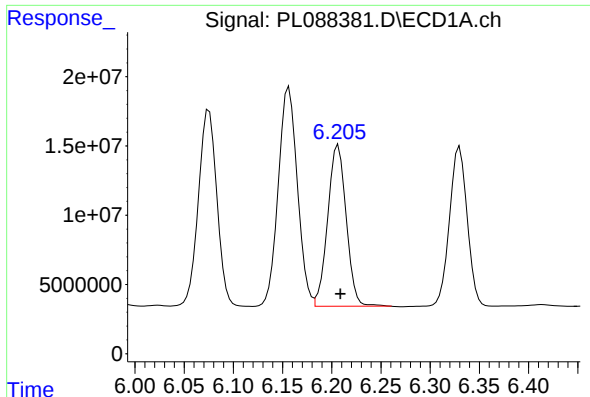
#8 Heptachlor epoxide

R.T.: 5.817 min  
Delta R.T.: -0.001 min  
Response: 173440004  
Conc: 49.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min  
Delta R.T.: -0.002 min  
Response: 88884683  
Conc: 51.24 ng/ml



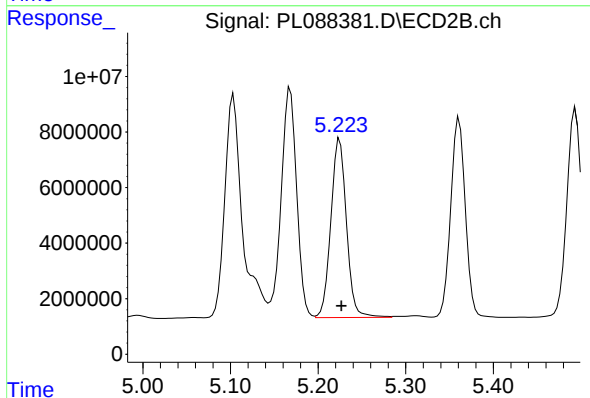
#9 Endosulfan I

R.T.: 6.207 min  
Delta R.T.: -0.002 min  
Response: 152520296  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

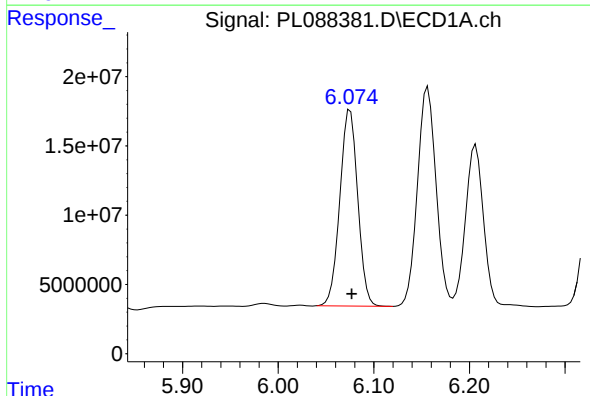
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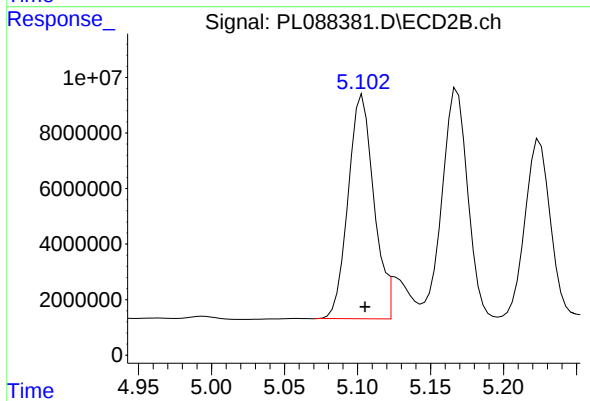
#9 Endosulfan I

R.T.: 5.225 min  
Delta R.T.: -0.002 min  
Response: 79801320  
Conc: 49.59 ng/ml



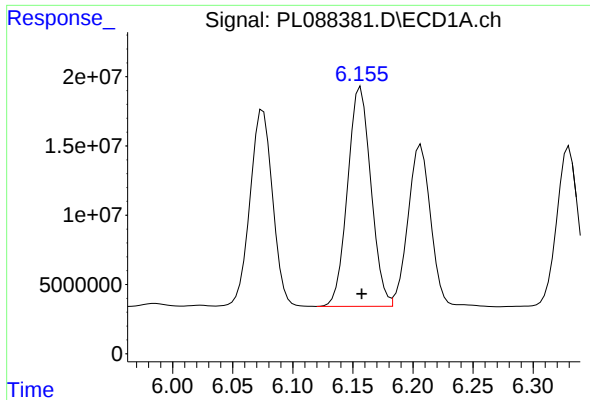
#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 184862183  
Conc: 54.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min  
Delta R.T.: -0.003 min  
Response: 102025252  
Conc: 57.20 ng/ml m



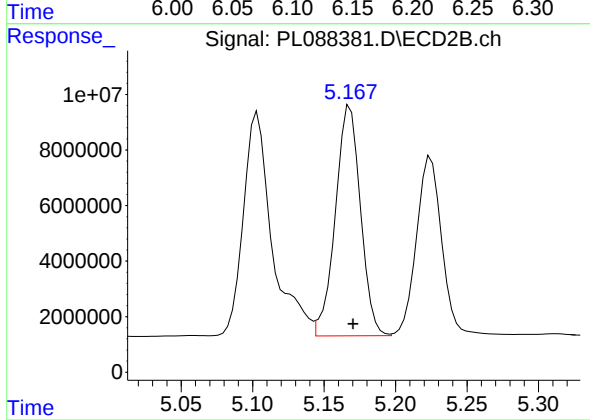
#11 alpha-Chlordane

R.T.: 6.157 min  
Delta R.T.: -0.001 min  
Response: 214396439  
Conc: 62.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

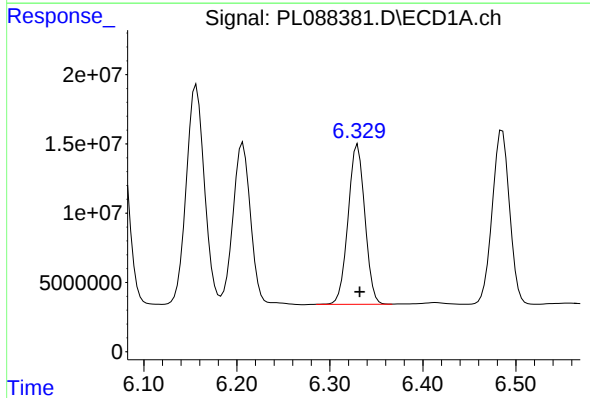
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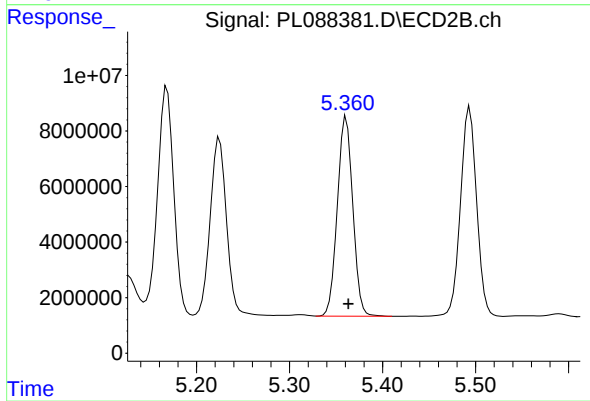
#11 alpha-Chlordane

R.T.: 5.168 min  
Delta R.T.: -0.002 min  
Response: 101653698  
Conc: 57.06 ng/ml



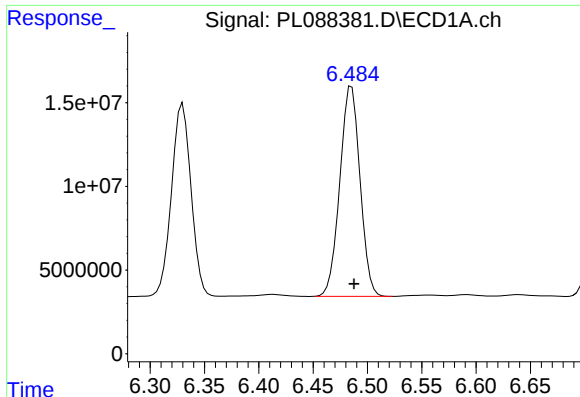
#12 4,4'-DDE

R.T.: 6.330 min  
Delta R.T.: -0.002 min  
Response: 144668590  
Conc: 47.70 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min  
Delta R.T.: -0.002 min  
Response: 83014245  
Conc: 52.23 ng/ml



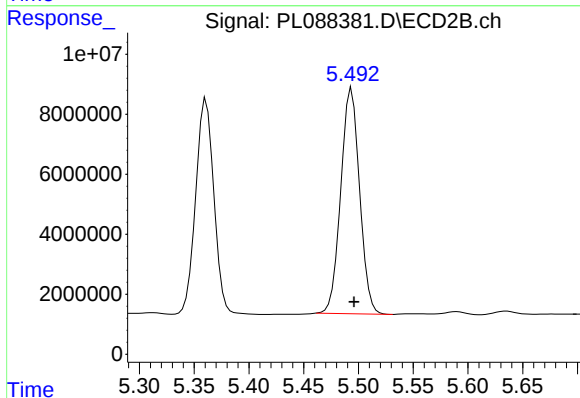
#13 Dieldrin

R.T.: 6.485 min  
Delta R.T.: -0.002 min  
Response: 162564955  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

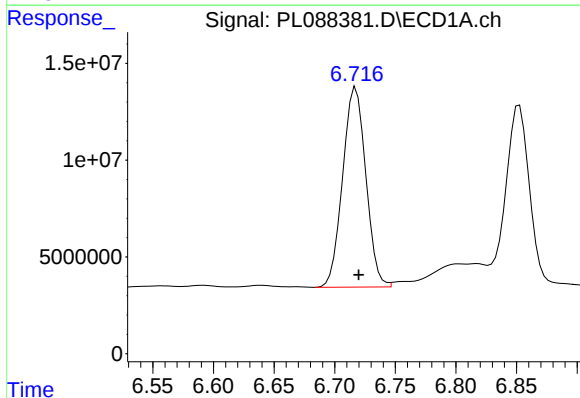
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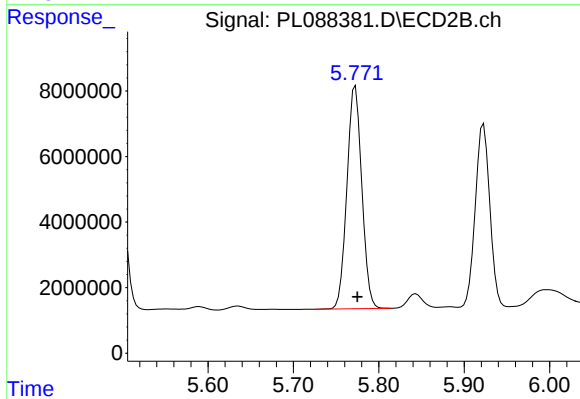
#13 Dieldrin

R.T.: 5.494 min  
Delta R.T.: -0.002 min  
Response: 89806164  
Conc: 52.05 ng/ml



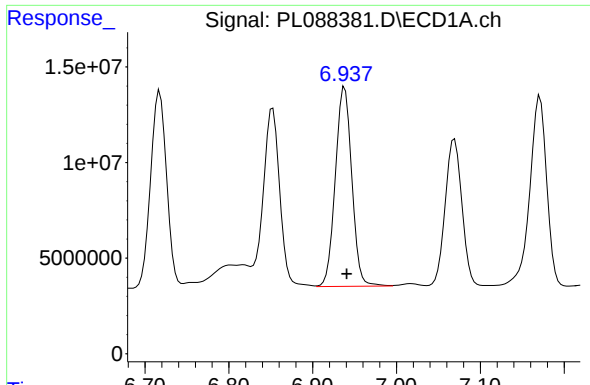
#14 Endrin

R.T.: 6.717 min  
Delta R.T.: -0.002 min  
Response: 137234182  
Conc: 52.77 ng/ml



#14 Endrin

R.T.: 5.773 min  
Delta R.T.: -0.002 min  
Response: 82244261  
Conc: 55.01 ng/ml



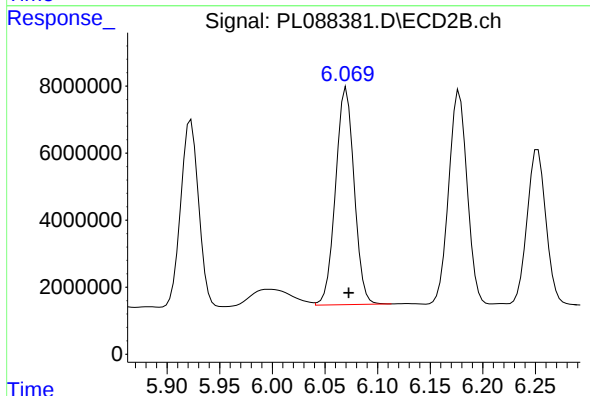
#15 Endosulfan II

R.T.: 6.938 min  
Delta R.T.: -0.002 min  
Response: 142282894  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

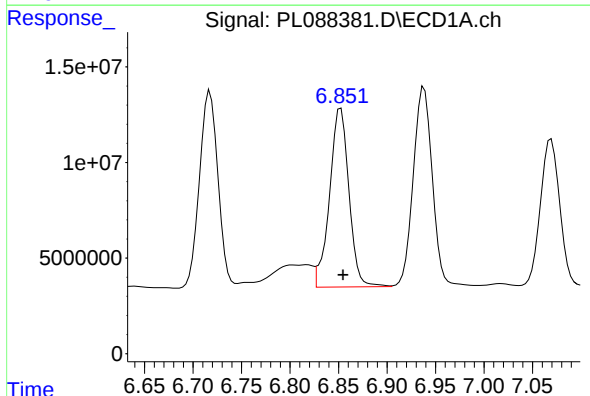
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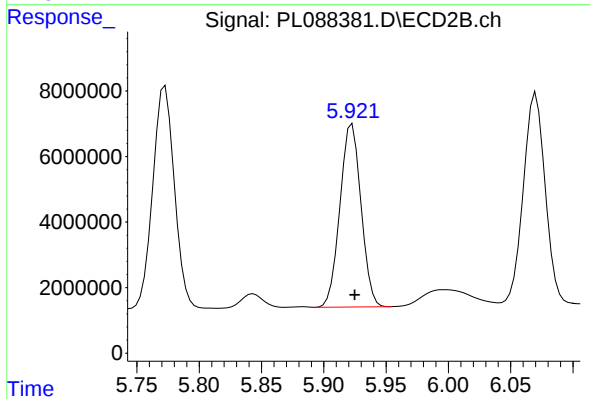
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: -0.002 min  
Response: 79691026  
Conc: 52.31 ng/ml



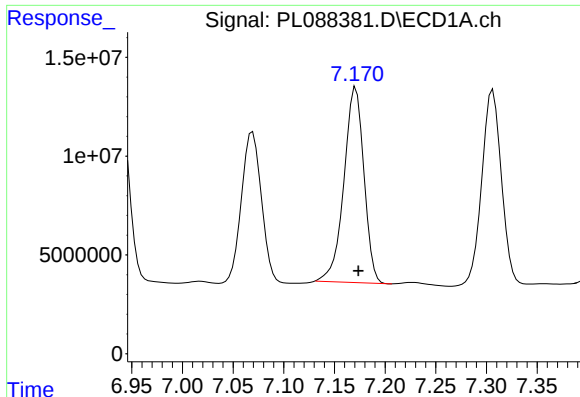
#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: -0.002 min  
Response: 130029306  
Conc: 50.13 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 65893831  
Conc: 48.23 ng/ml



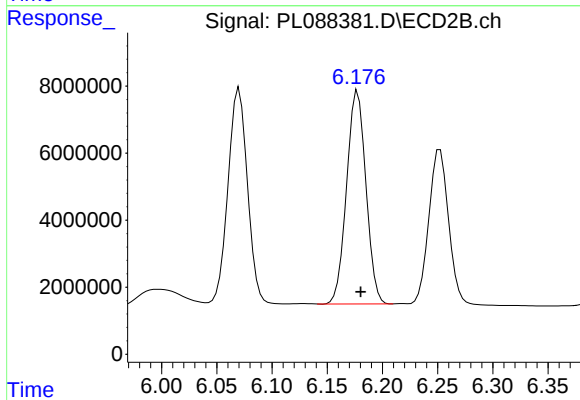
#17 4,4'-DDT

R.T.: 7.171 min  
Delta R.T.: -0.002 min  
Response: 135604464  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

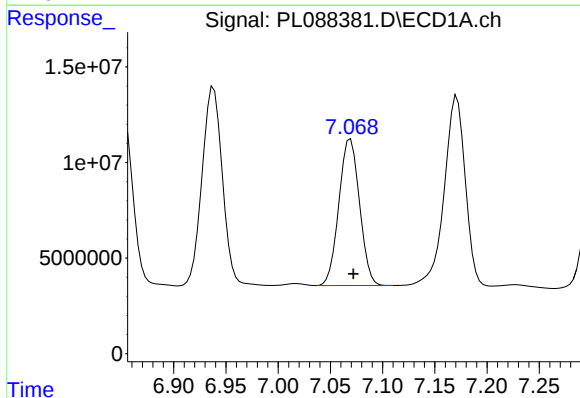
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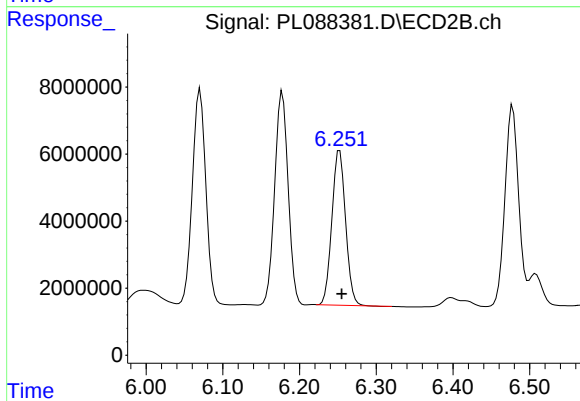
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: -0.003 min  
Response: 77555489  
Conc: 56.81 ng/ml



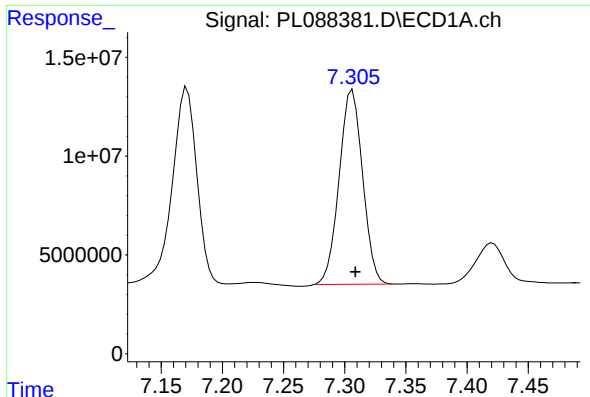
#18 Endrin aldehyde

R.T.: 7.069 min  
Delta R.T.: -0.003 min  
Response: 105433541  
Conc: 50.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min  
Delta R.T.: -0.003 min  
Response: 57122655  
Conc: 52.30 ng/ml



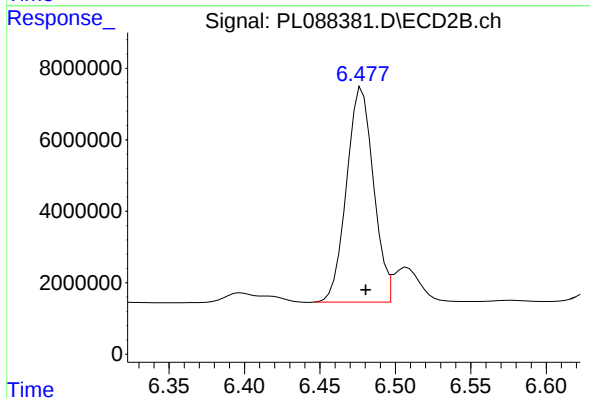
#19 Endosulfan Sulfate

R.T.: 7.306 min  
Delta R.T.: -0.002 min  
Response: 131317388  
Conc: 50.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

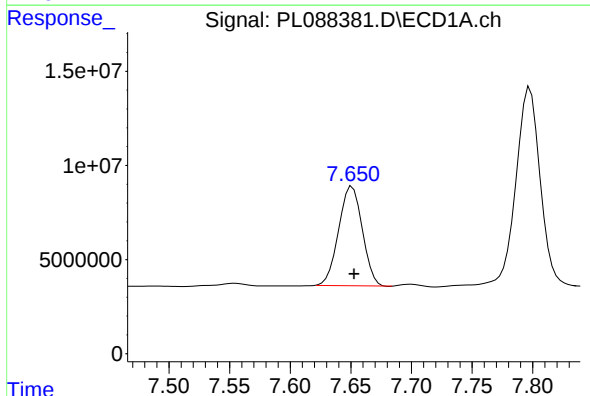
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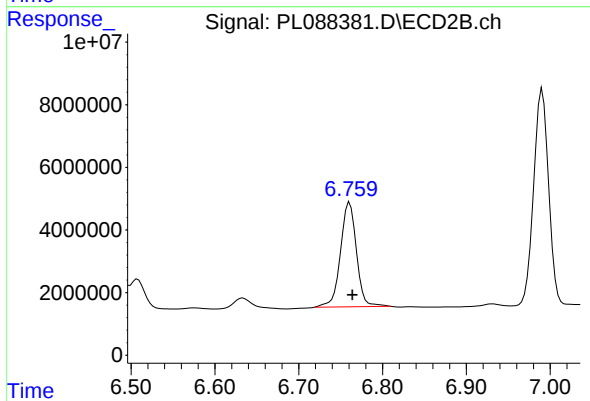
#19 Endosulfan Sulfate

R.T.: 6.476 min  
Delta R.T.: -0.004 min  
Response: 75558595  
Conc: 53.80 ng/ml m



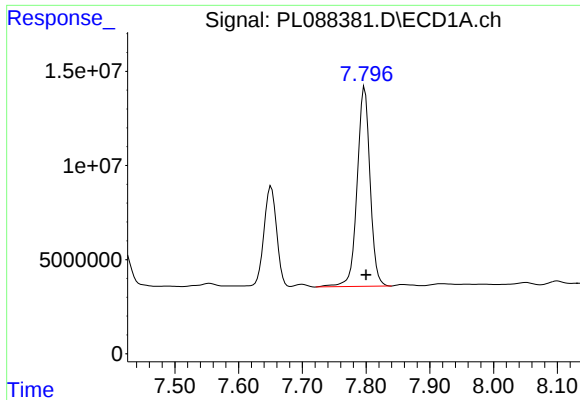
#20 Methoxychlor

R.T.: 7.651 min  
Delta R.T.: -0.002 min  
Response: 71471714  
Conc: 53.99 ng/ml



#20 Methoxychlor

R.T.: 6.761 min  
Delta R.T.: -0.003 min  
Response: 44373061  
Conc: 56.62 ng/ml



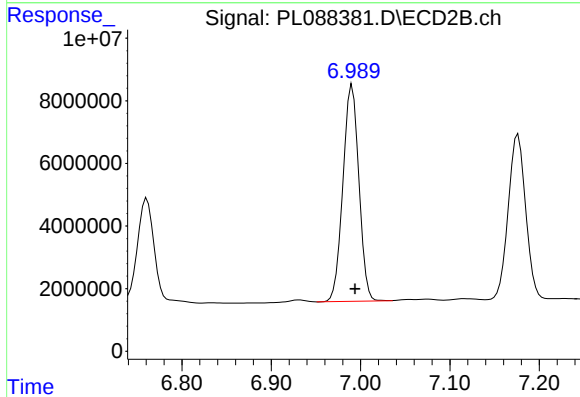
#21 Endrin ketone

R.T.: 7.798 min  
Delta R.T.: -0.002 min  
Response: 148849825  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

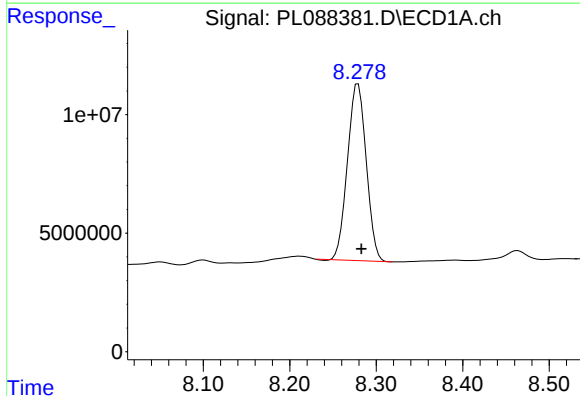
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/04/2024  
Supervised By :Ankita Jodhani 03/04/2024



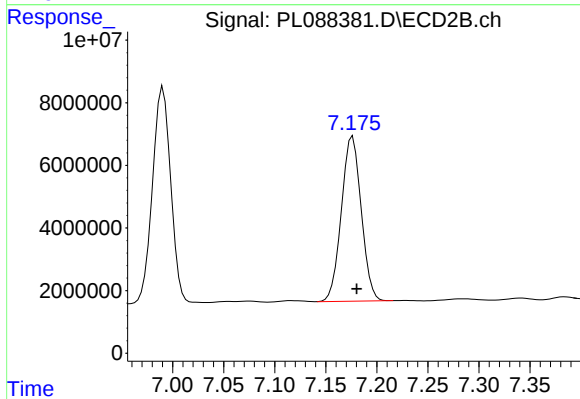
#21 Endrin ketone

R.T.: 6.991 min  
Delta R.T.: -0.003 min  
Response: 85740399  
Conc: 51.21 ng/ml



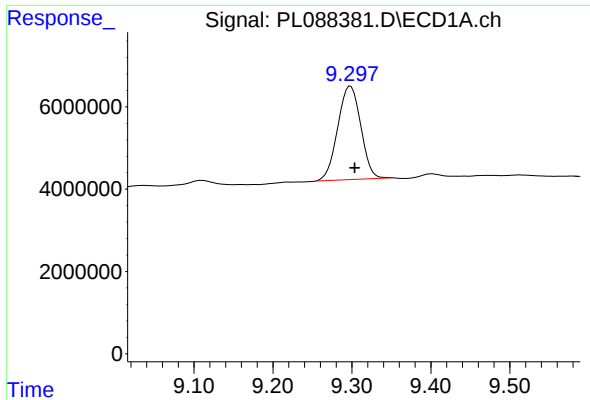
#22 Mirex

R.T.: 8.279 min  
Delta R.T.: -0.004 min  
Response: 111815165  
Conc: 48.25 ng/ml



#22 Mirex

R.T.: 7.176 min  
Delta R.T.: -0.004 min  
Response: 71226749  
Conc: 54.37 ng/ml



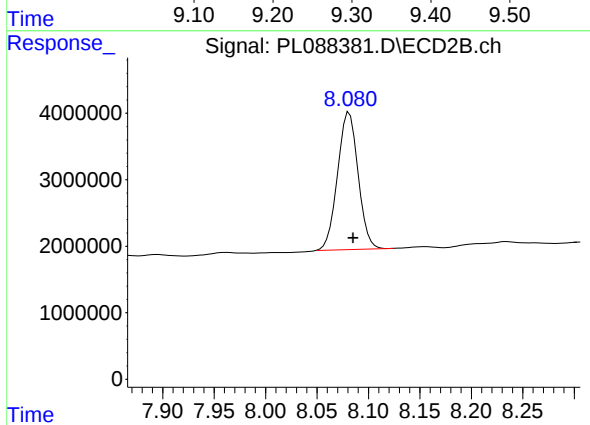
#28 Decachlorobiphenyl

R.T.: 9.298 min  
Delta R.T.: -0.005 min  
Response: 46232343  
Conc: 24.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
294MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/04/2024  
Supervised By :Ankita Jodhani 03/04/2024



#28 Decachlorobiphenyl

R.T.: 8.081 min  
Delta R.T.: -0.004 min  
Response: 28739627  
Conc: 22.57 ng/ml