

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042324\  
 Data File : PL089135.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2024 09:38  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/24/2024  
 Supervised By :Ankita Jodhani 04/24/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 11:44:25 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 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... | 3.553 | 2.799 | 103.9E6  | 70146217 | 48.886  | 52.628 |
| 28)                         | SA Decachlor... | 9.064 | 7.951 | 67977313 | 69583153 | 53.367  | 51.963 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.008 | 3.304 | 150.3E6  | 107.8E6  | 50.265  | 54.509 |
| 3)                          | MA gamma-BHC... | 4.340 | 3.635 | 146.2E6  | 104.8E6  | 50.683  | 54.483 |
| 4)                          | MA Heptachlor   | 4.930 | 3.977 | 126.5E6  | 98427299 | 50.834  | 54.772 |
| 5)                          | MB Aldrin       | 5.272 | 4.258 | 130.7E6  | 99851369 | 50.363  | 54.432 |
| 6)                          | B beta-BHC      | 4.533 | 3.932 | 64214920 | 44737122 | 47.854m | 53.529 |
| 7)                          | B delta-BHC     | 4.783 | 4.163 | 137.8E6  | 101.9E6  | 51.510  | 55.809 |
| 8)                          | B Heptachlo...  | 5.696 | 4.761 | 118.7E6  | 89983425 | 50.296m | 54.185 |
| 9)                          | A Endosulfan I  | 6.081 | 5.131 | 107.3E6  | 82015701 | 49.079m | 54.570 |
| 10)                         | B gamma-Chl...  | 5.953 | 5.011 | 117.7E6  | 91477499 | 51.219  | 55.764 |
| 11)                         | B alpha-Chl...  | 6.032 | 5.075 | 116.7E6  | 91712964 | 50.966  | 55.459 |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.265 | 105.1E6  | 82834628 | 52.278  | 56.331 |
| 13)                         | MA Dieldrin     | 6.358 | 5.396 | 116.9E6  | 90301825 | 51.853  | 55.241 |
| 14)                         | MA Endrin       | 6.586 | 5.672 | 96783371 | 80554754 | 51.498  | 55.427 |
| 15)                         | B Endosulfa...  | 6.804 | 5.965 | 100.2E6  | 78614310 | 52.043  | 54.988 |
| 16)                         | A 4,4'-DDD      | 6.720 | 5.819 | 85572278 | 69712372 | 53.088  | 57.567 |
| 17)                         | MA 4,4'-DDT     | 7.034 | 6.071 | 90853051 | 74890825 | 49.858  | 57.136 |
| 18)                         | B Endrin al...  | 6.934 | 6.145 | 76365330 | 61182984 | 52.176  | 55.673 |
| 19)                         | B Endosulfa...  | 7.168 | 6.367 | 90199899 | 75321132 | 52.539  | 55.721 |
| 20)                         | A Methoxychlor  | 7.508 | 6.646 | 50282191 | 42171512 | 57.067  | 56.422 |
| 21)                         | B Endrin ke...  | 7.653 | 6.874 | 100.7E6  | 88400159 | 52.210  | 55.853 |
| 22)                         | Mirex           | 8.126 | 7.058 | 77691298 | 72011660 | 52.899m | 54.467 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042324\  
Data File : PL089135.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2024 09:38  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

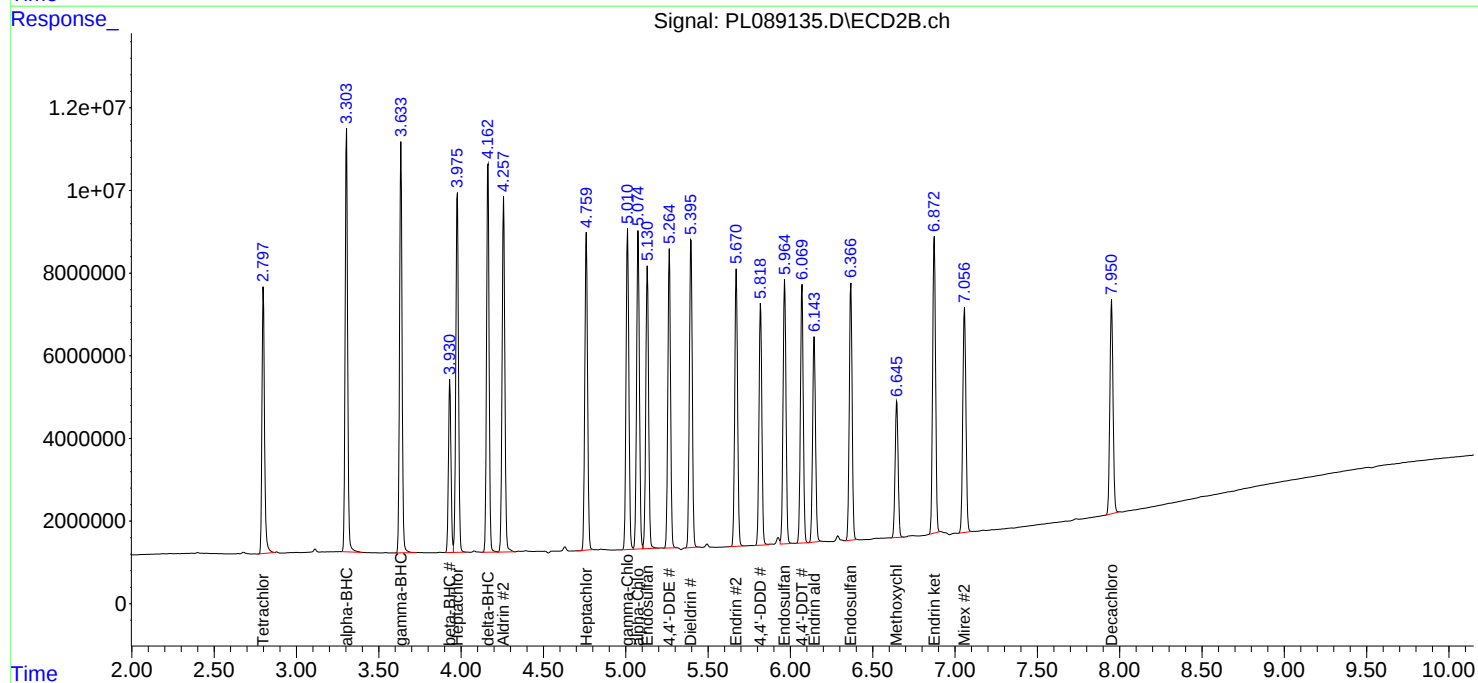
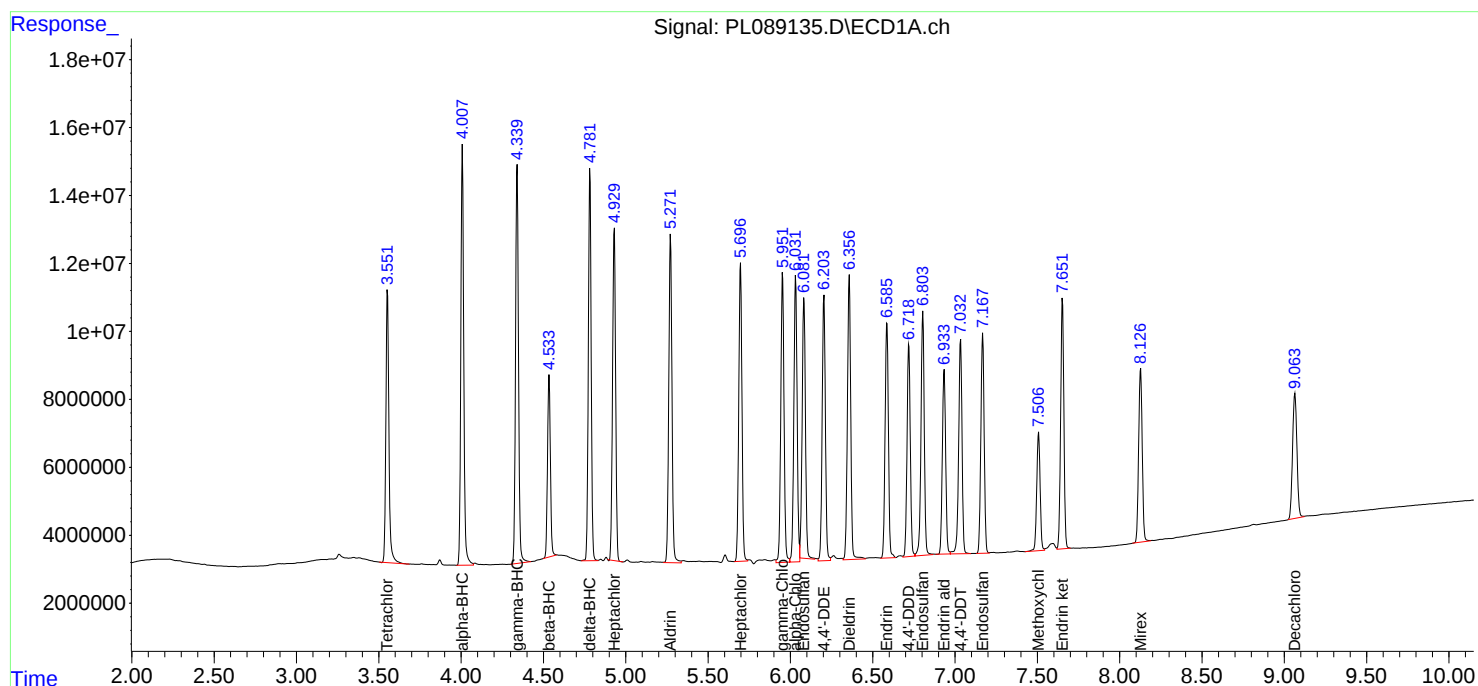
## APPROVED

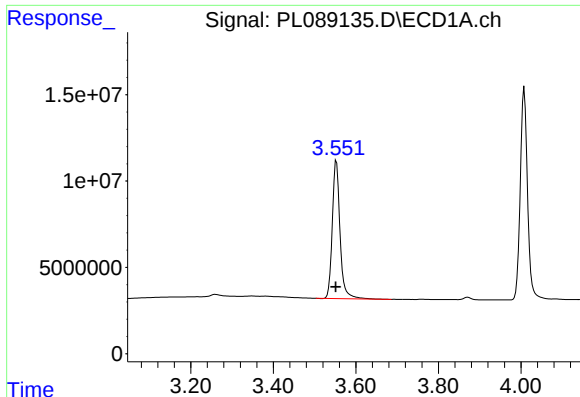
Reviewed By :Abdul Mirza 04/24/2024

Supervised By :Ankita Jodhani 04/24/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 11:44:25 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 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.: 3.553 min  
Delta R.T.: 0.002 min  
Response: 103898561  
Conc: 48.89 ng/ml

Instrument :

ECD\_L

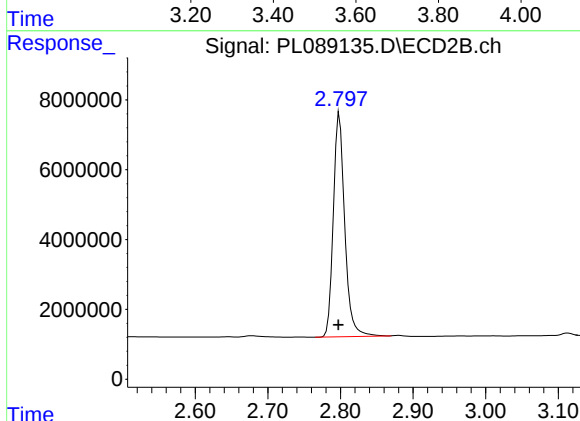
ClientSampleId :

PSTDCCC050

Manual Integrations

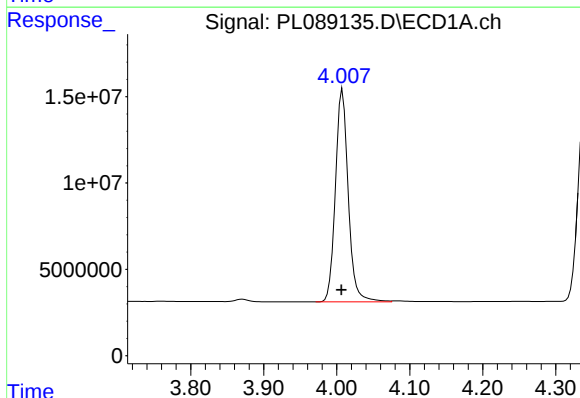
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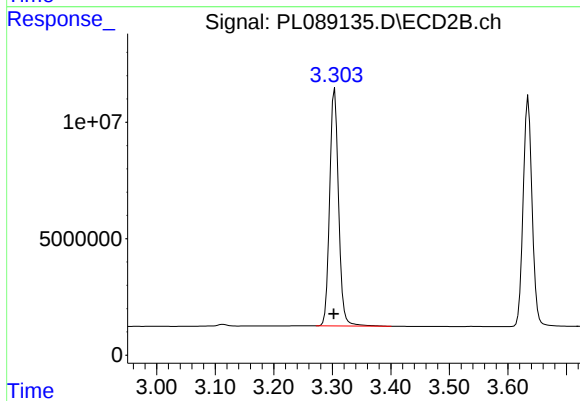
#1 Tetrachloro-m-xylene

R.T.: 2.799 min  
Delta R.T.: 0.002 min  
Response: 70146217  
Conc: 52.63 ng/ml



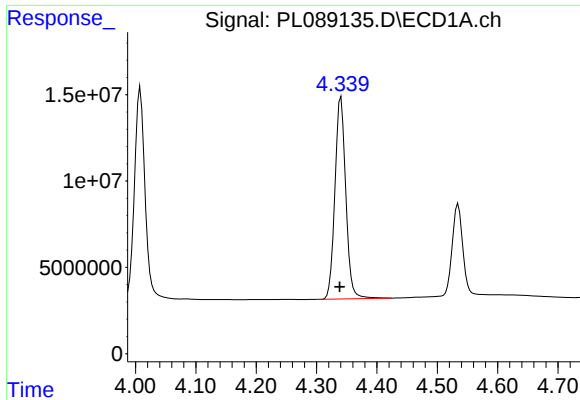
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.002 min  
Response: 150292499  
Conc: 50.26 ng/ml



#2 alpha-BHC

R.T.: 3.304 min  
Delta R.T.: 0.002 min  
Response: 107845185  
Conc: 54.51 ng/ml



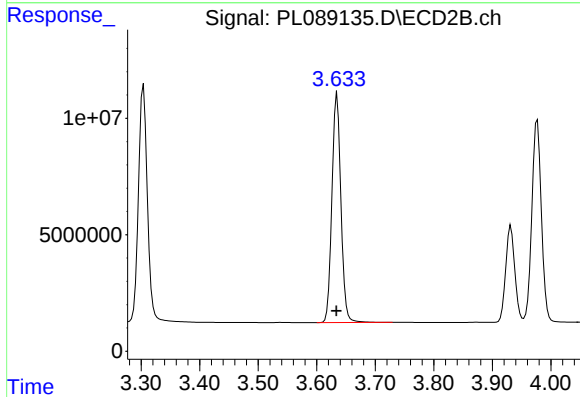
#3 gamma-BHC (Lindane)

R.T.: 4.340 min  
Delta R.T.: 0.002 min  
Response: 146230728  
Conc: 50.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

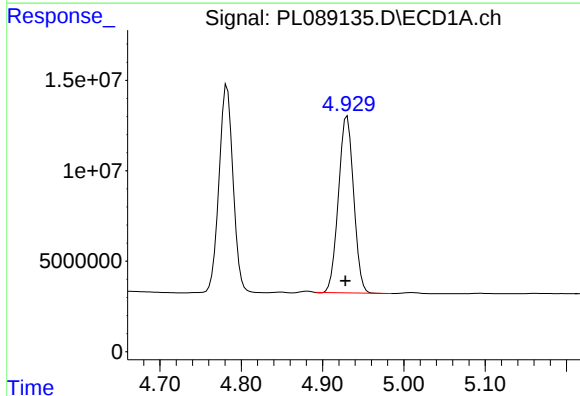
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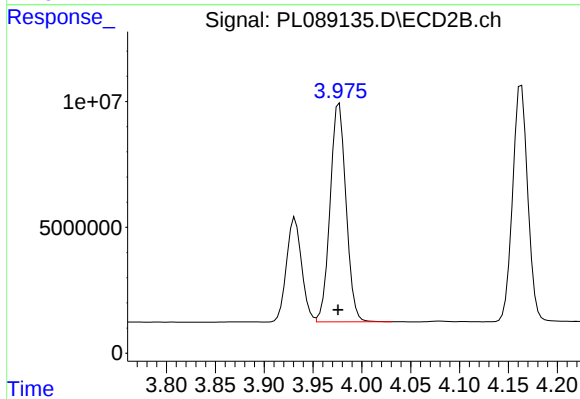
#3 gamma-BHC (Lindane)

R.T.: 3.635 min  
Delta R.T.: 0.001 min  
Response: 104806855  
Conc: 54.48 ng/ml



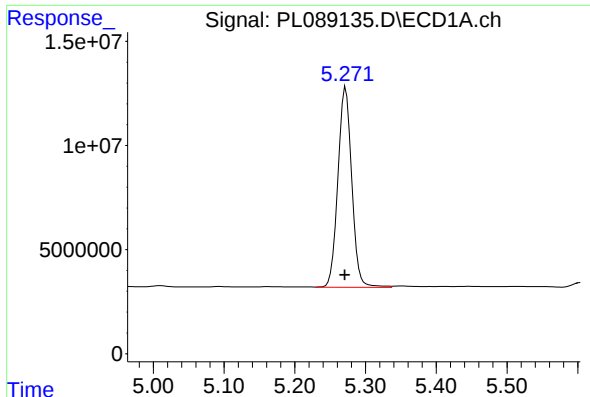
#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: 0.002 min  
Response: 126484568  
Conc: 50.83 ng/ml



#4 Heptachlor

R.T.: 3.977 min  
Delta R.T.: 0.001 min  
Response: 98427299  
Conc: 54.77 ng/ml



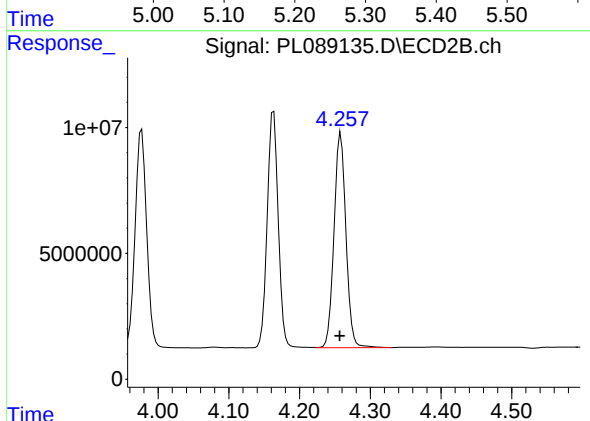
#5 Aldrin

R.T.: 5.272 min  
Delta R.T.: 0.001 min  
Response: 130719362  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

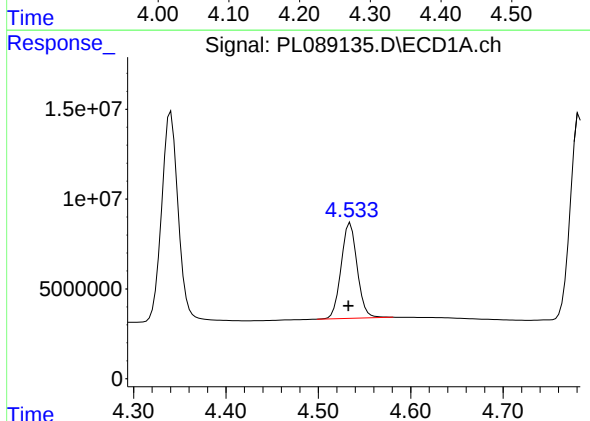
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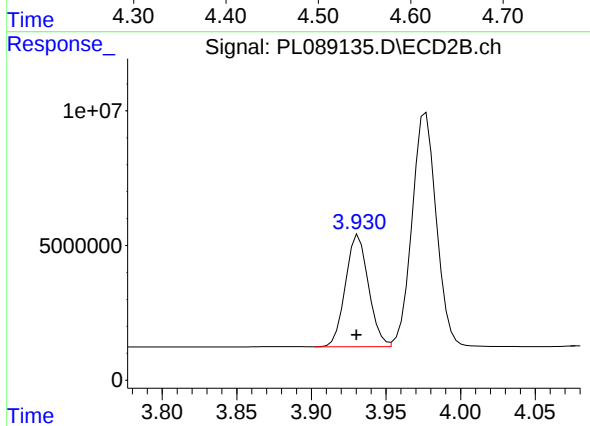
#5 Aldrin

R.T.: 4.258 min  
Delta R.T.: 0.002 min  
Response: 99851369  
Conc: 54.43 ng/ml



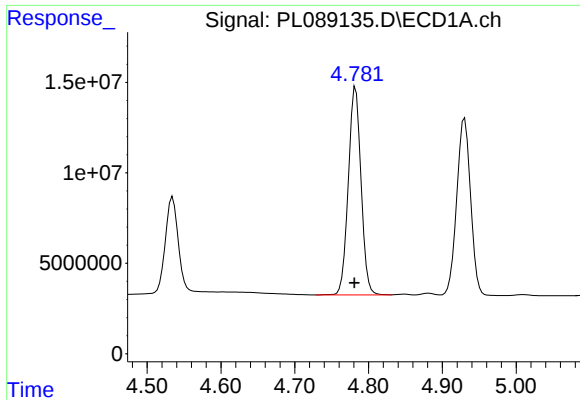
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 64214920  
Conc: 47.85 ng/ml m



#6 beta-BHC

R.T.: 3.932 min  
Delta R.T.: 0.002 min  
Response: 44737122  
Conc: 53.53 ng/ml



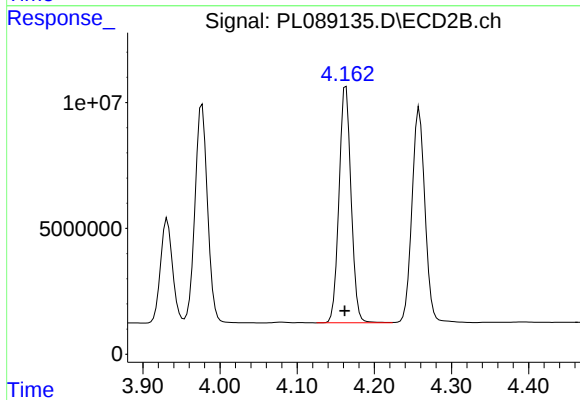
#7 delta-BHC

R.T.: 4.783 min  
Delta R.T.: 0.002 min  
Response: 137750074  
Conc: 51.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

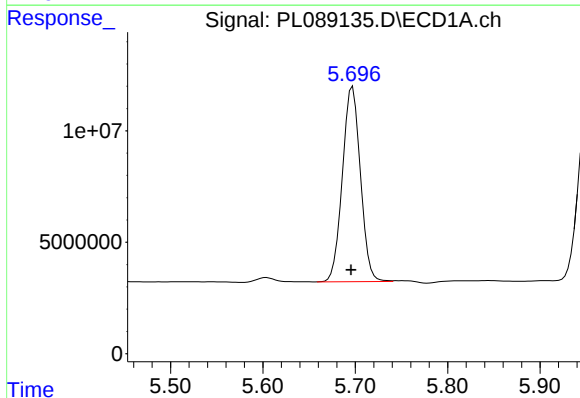
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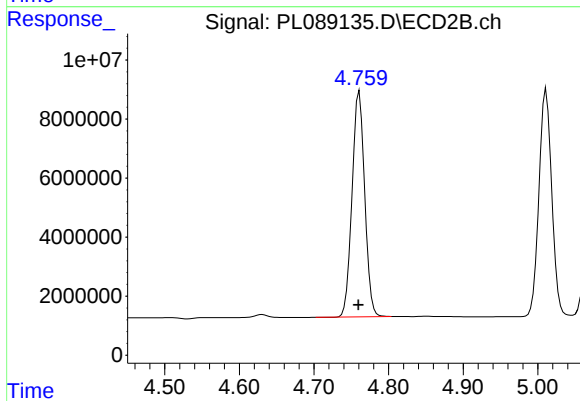
#7 delta-BHC

R.T.: 4.163 min  
Delta R.T.: 0.002 min  
Response: 101892647  
Conc: 55.81 ng/ml



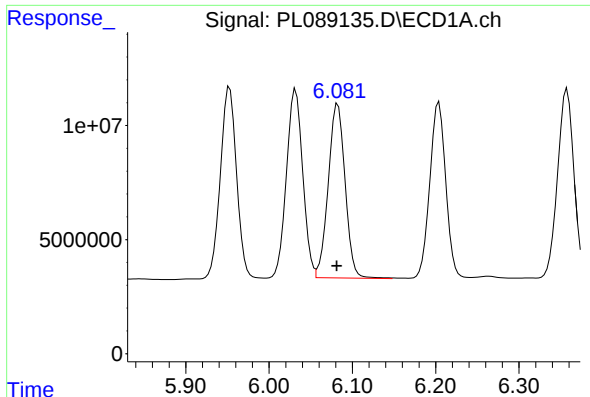
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 118679871  
Conc: 50.30 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.761 min  
Delta R.T.: 0.001 min  
Response: 89983425  
Conc: 54.19 ng/ml



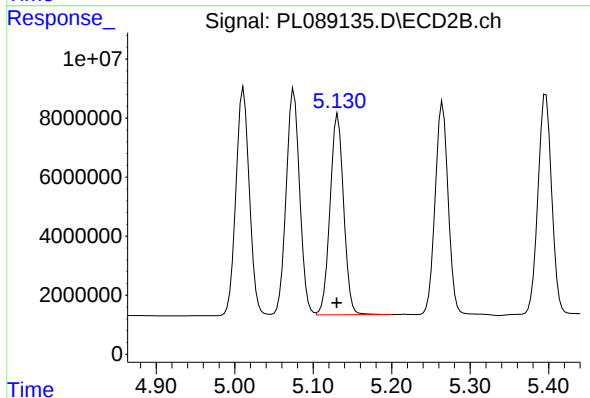
#9 Endosulfan I

R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 107323255  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

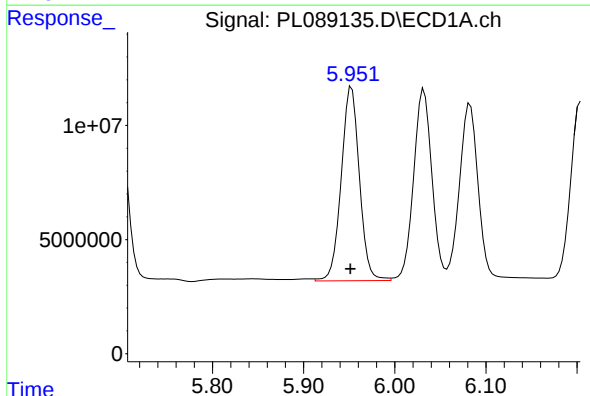
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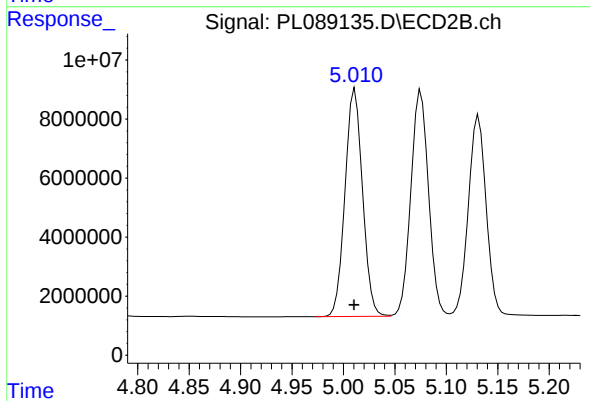
#9 Endosulfan I

R.T.: 5.131 min  
Delta R.T.: 0.001 min  
Response: 82015701  
Conc: 54.57 ng/ml



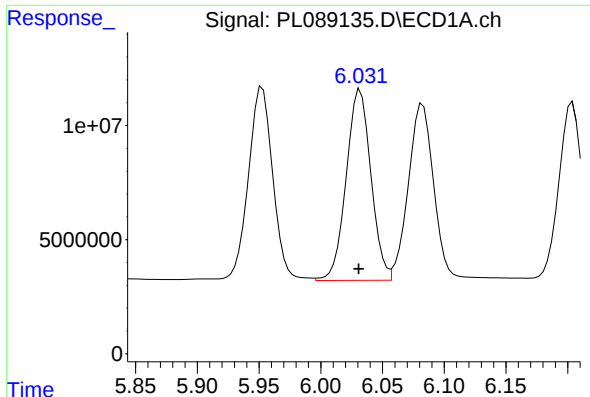
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.001 min  
Response: 117742399  
Conc: 51.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 91477499  
Conc: 55.76 ng/ml



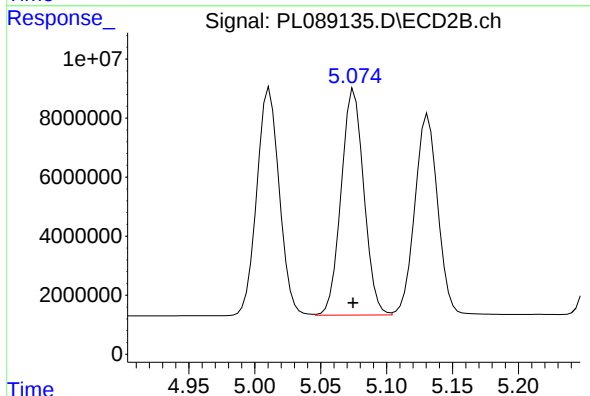
#11 alpha-Chlordane

R.T.: 6.032 min  
Delta R.T.: 0.001 min  
Response: 116681048  
Conc: 50.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

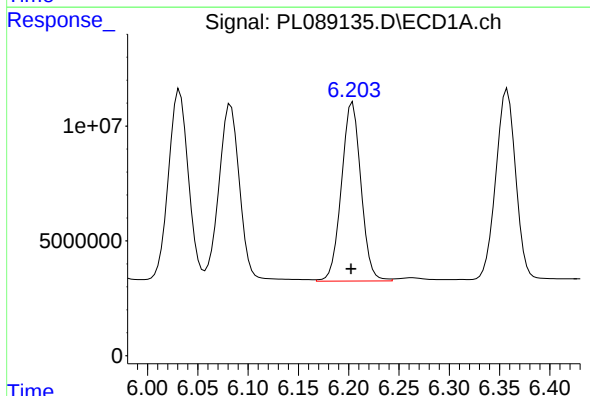
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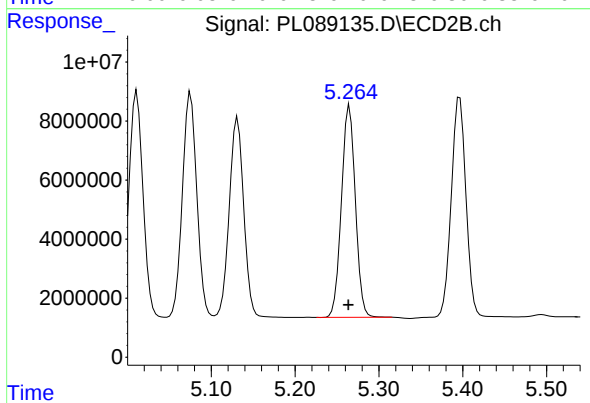
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 91712964  
Conc: 55.46 ng/ml



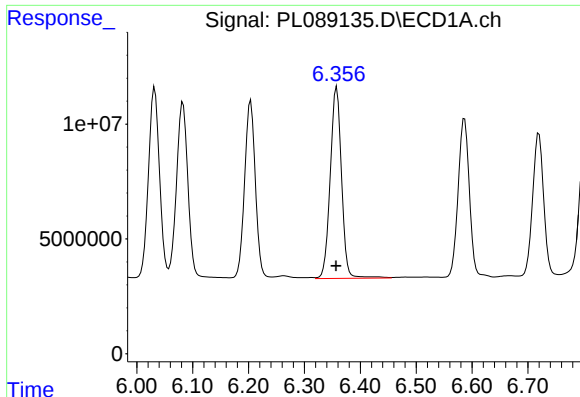
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: 0.001 min  
Response: 105064428  
Conc: 52.28 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min  
Delta R.T.: 0.001 min  
Response: 82834628  
Conc: 56.33 ng/ml



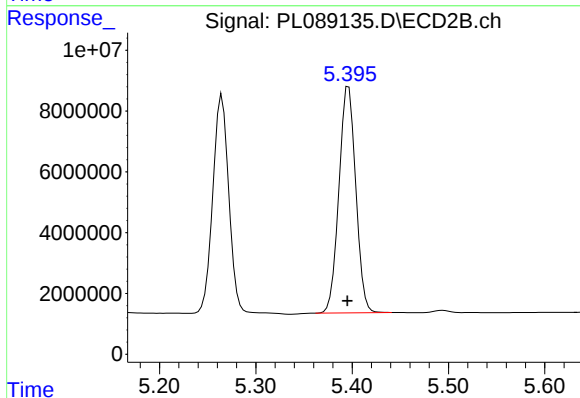
#13 Dieldrin

R.T.: 6.358 min  
Delta R.T.: 0.001 min  
Response: 116934598  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

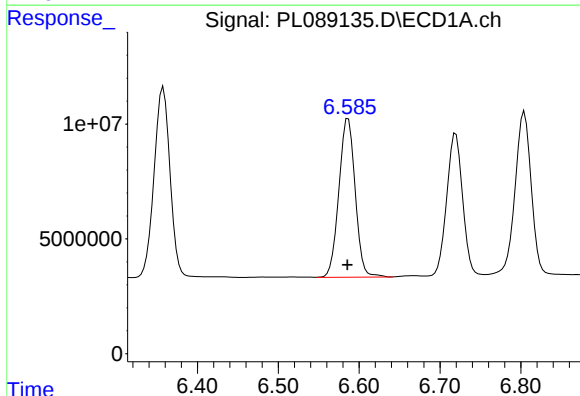
Manual Integrations  
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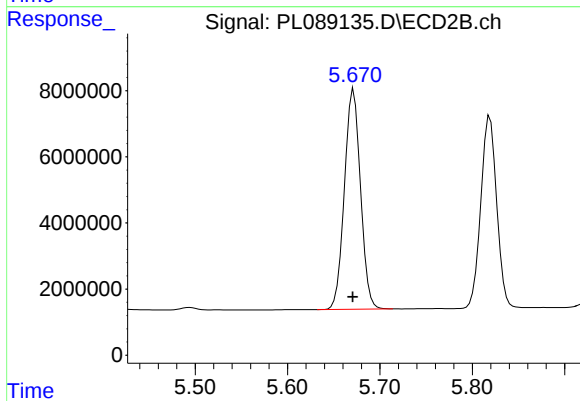
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: 0.001 min  
Response: 90301825  
Conc: 55.24 ng/ml



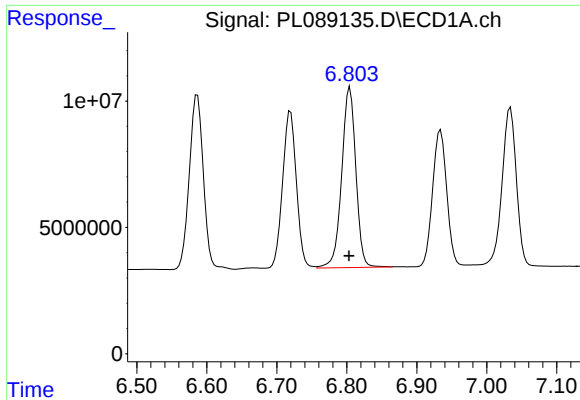
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.001 min  
Response: 96783371  
Conc: 51.50 ng/ml



#14 Endrin

R.T.: 5.672 min  
Delta R.T.: 0.001 min  
Response: 80554754  
Conc: 55.43 ng/ml



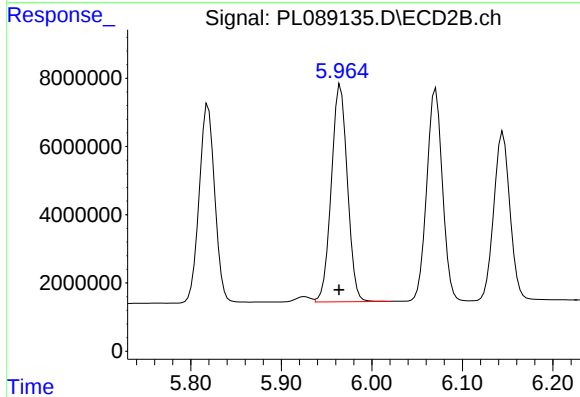
#15 Endosulfan II

R.T.: 6.804 min  
Delta R.T.: 0.001 min  
Response: 100248967  
Conc: 52.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

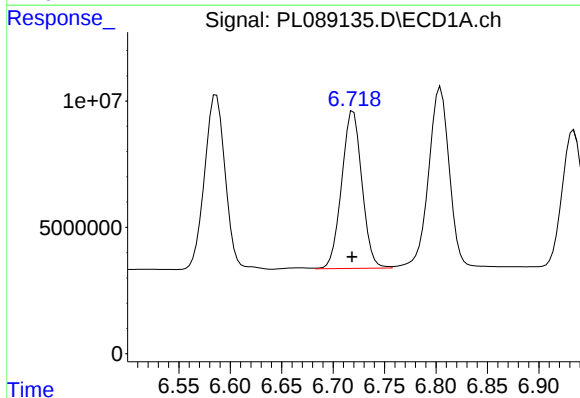
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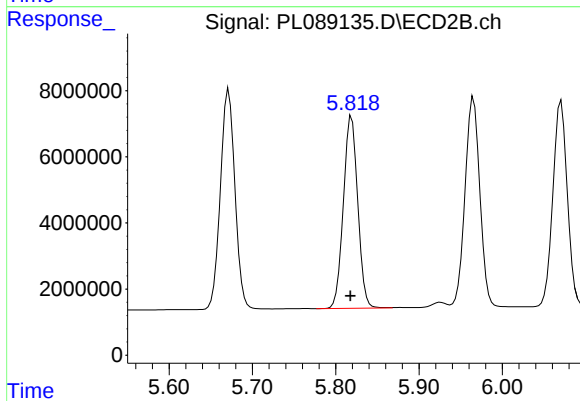
#15 Endosulfan II

R.T.: 5.965 min  
Delta R.T.: 0.002 min  
Response: 78614310  
Conc: 54.99 ng/ml



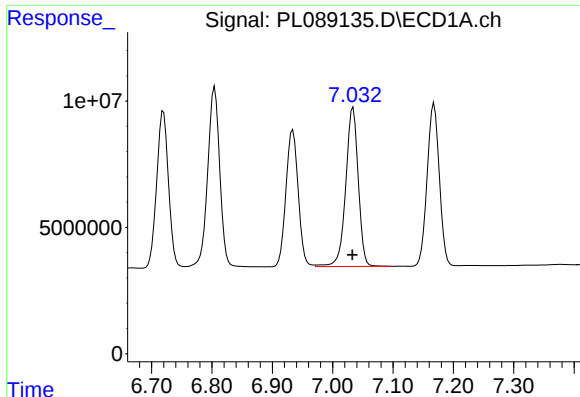
#16 4,4'-DDD

R.T.: 6.720 min  
Delta R.T.: 0.001 min  
Response: 85572278  
Conc: 53.09 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min  
Delta R.T.: 0.001 min  
Response: 69712372  
Conc: 57.57 ng/ml



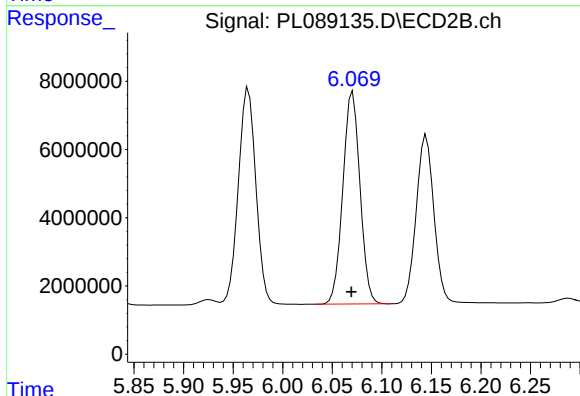
#17 4,4'-DDT

R.T.: 7.034 min  
Delta R.T.: 0.001 min  
Response: 90853051  
Conc: 49.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

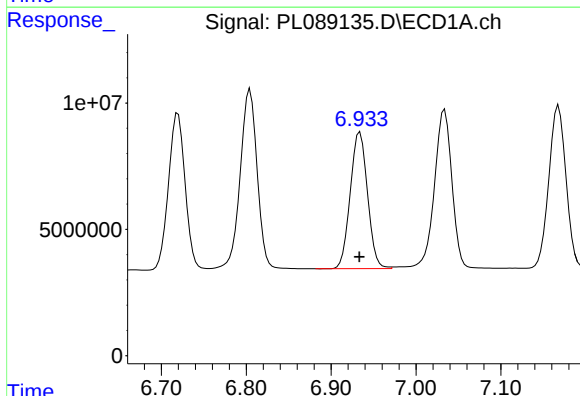
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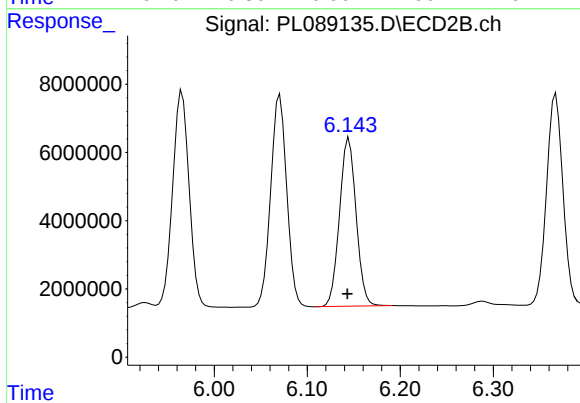
#17 4,4'-DDT

R.T.: 6.071 min  
Delta R.T.: 0.001 min  
Response: 74890825  
Conc: 57.14 ng/ml



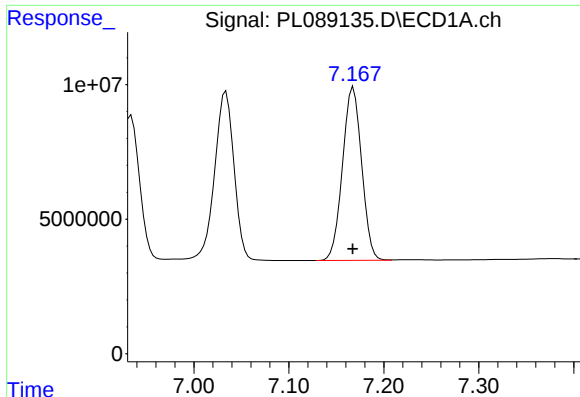
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 76365330  
Conc: 52.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.145 min  
Delta R.T.: 0.002 min  
Response: 61182984  
Conc: 55.67 ng/ml



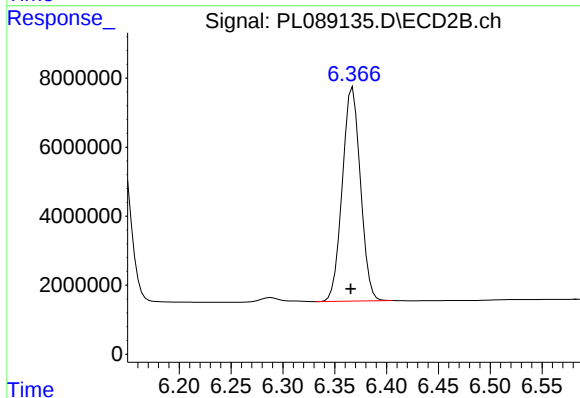
#19 Endosulfan Sulfate

R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 90199899  
Conc: 52.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

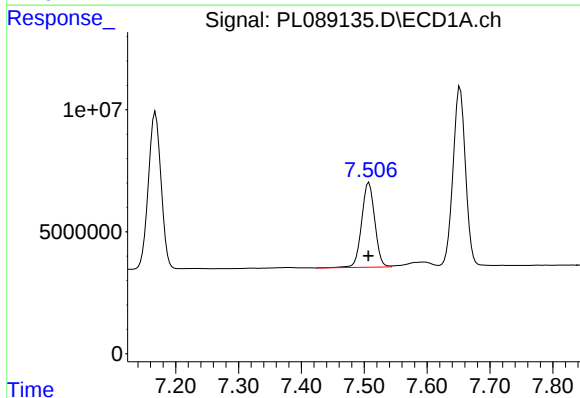
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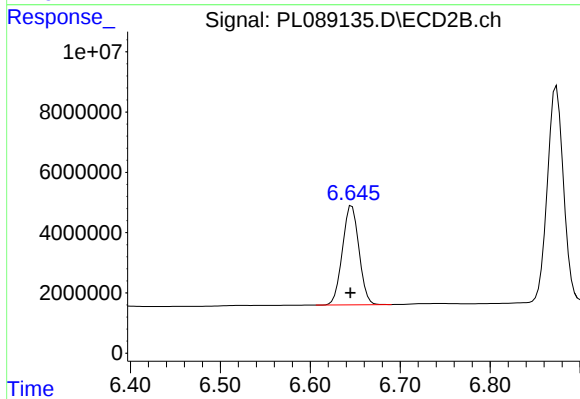
#19 Endosulfan Sulfate

R.T.: 6.367 min  
Delta R.T.: 0.002 min  
Response: 75321132  
Conc: 55.72 ng/ml



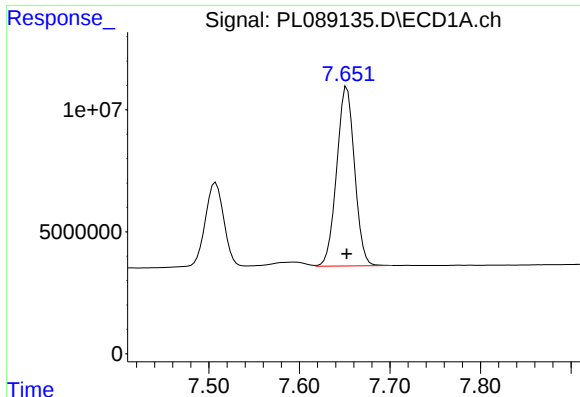
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.001 min  
Response: 50282191  
Conc: 57.07 ng/ml



#20 Methoxychlor

R.T.: 6.646 min  
Delta R.T.: 0.002 min  
Response: 42171512  
Conc: 56.42 ng/ml



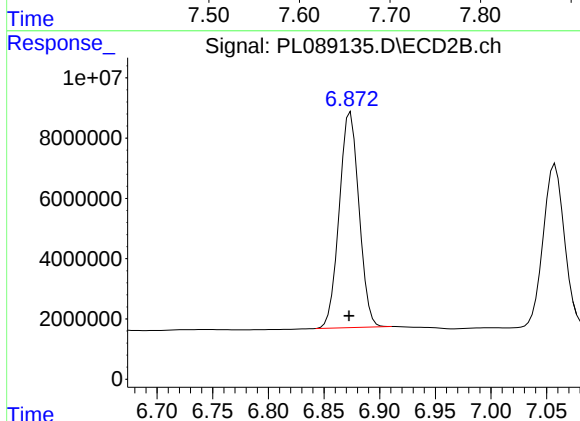
#21 Endrin ketone

R.T.: 7.653 min  
Delta R.T.: 0.000 min  
Response: 100688465  
Conc: 52.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

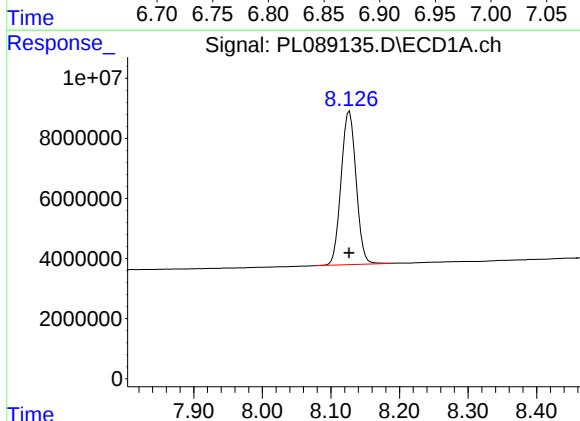
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2024  
Supervised By :Ankita Jodhani 04/24/2024



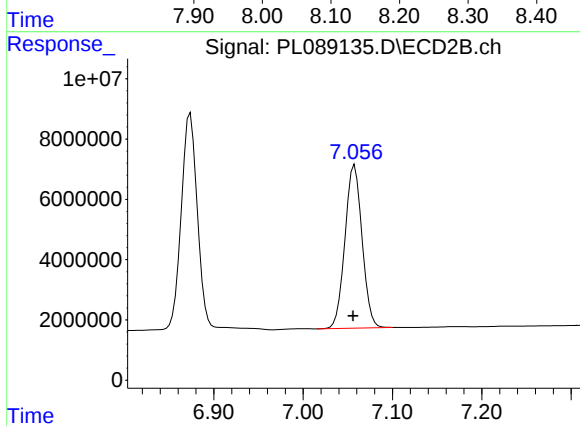
#21 Endrin ketone

R.T.: 6.874 min  
Delta R.T.: 0.001 min  
Response: 88400159  
Conc: 55.85 ng/ml



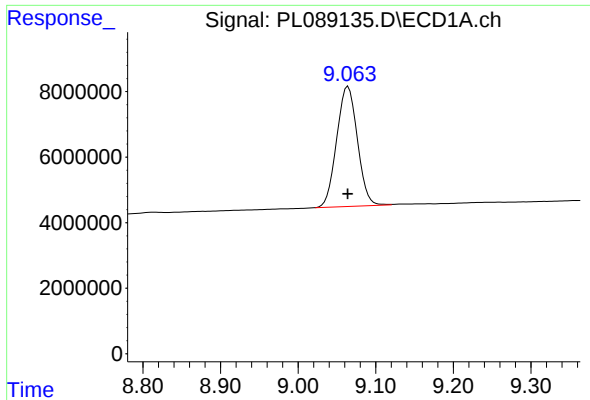
#22 Mirex

R.T.: 8.126 min  
Delta R.T.: 0.000 min  
Response: 77691298  
Conc: 52.90 ng/ml m



#22 Mirex

R.T.: 7.058 min  
Delta R.T.: 0.002 min  
Response: 72011660  
Conc: 54.47 ng/ml



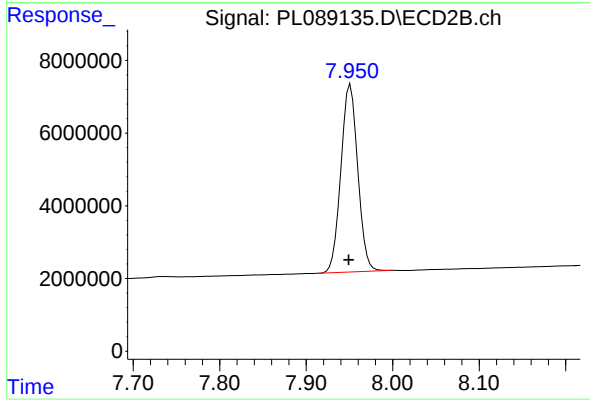
#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.000 min  
Response: 67977313  
Conc: 53.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2024  
Supervised By :Ankita Jodhani 04/24/2024



#28 Decachlorobiphenyl

R.T.: 7.951 min  
Delta R.T.: 0.002 min  
Response: 69583153  
Conc: 51.96 ng/ml