

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

PEM

Data File Name PL075165.D

Operator AR\AJ

Date Acquired

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/31/2022  
Supervised By :Ankita Jodhani 05/31/2022

**DDT BREAKDOWN****COLUMN#1**

| Name     | RT   | Response    | Response<br>(DDT+DDE+DDD) | Response<br>DDE+DDD | %Break Down |
|----------|------|-------------|---------------------------|---------------------|-------------|
| 4,4'-DDT | 8.4  | 45628053.26 | 50921659.34               | 5293606.085         | 10.40       |
| 4,4'-DDE | 7.56 | 160088.56   |                           |                     |             |
| 4,4'-DDD | 8.14 | 5133517.525 |                           |                     |             |

**COLUMN#2**

| Name        | RT   | Response    | Response<br>(DDT+DDE+DDD) | Response<br>DDE+DDD | %Break Down |
|-------------|------|-------------|---------------------------|---------------------|-------------|
| 4,4'-DDT #2 | 9.35 | 120341600.4 | 134260226.4               | 13918626.05         | 10.37       |
| 4,4'-DDE #2 | 8.49 | 426729.453  |                           |                     |             |
| 4,4'-DDD #2 | 9.03 | 13491896.6  |                           |                     |             |

**ENDRIN BREAKDOWN****COLUMN#1**

| Name            | RT    | Response    | Response<br>(E+EA+EK) | Response<br>(EA+EK) | %Break Down |
|-----------------|-------|-------------|-----------------------|---------------------|-------------|
| Endrin          | 9.06  | 25180460.35 | 27955568.21           | 2775107.858         | 9.93        |
| Endrin aldehyde | 9.43  | 547441.66   |                       |                     |             |
| Endrin ketone   | 10.17 | 2227666.198 |                       |                     |             |

**COLUMN#2**

| Name               | RT   | Response    | Response<br>(E+EA+EK) | Response<br>(EA+EK) | %Break Down |
|--------------------|------|-------------|-----------------------|---------------------|-------------|
| Endrin #2          | 8.05 | 73464481.29 | 79874921.72           | 6410440.43          | 8.03        |
| Endrin aldehyde #2 | 8.55 | 1533421.069 |                       |                     |             |
| Endrin ketone #2   | 9.30 | 4877019.361 |                       |                     |             |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052822\  
 Data File : PL075165.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 May 2022 10:51  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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 Supervised By : Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 02:55:45 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 31 02:52:42 2022  
 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... | 5.643  | 4.644  | 12849673 | 35359084 | 21.863  | 22.321  |
| 28)                         | SA Decachlor... | 11.642 | 10.393 | 11468682 | 27632380 | 21.390  | 20.136  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 6.227  | 5.346  | 8048060  | 21837156 | 9.752   | 10.090  |
| 3)                          | MA gamma-BHC... | 6.626  | 5.767  | 7763050  | 21716472 | 9.919   | 10.340  |
| 6)                          | B beta-BHC      | 6.877  | 6.144  | 3979112  | 11396064 | 10.688  | 11.741  |
| 12)                         | B 4,4'-DDE      | 8.659  | 7.630  | 160089   | 426729   | 0.275m  | 0.262   |
| 14)                         | MA Endrin       | 9.063  | 8.052  | 25180460 | 73464481 | 47.418  | 47.193  |
| 16)                         | A 4,4'-DDD      | 9.202  | 8.215  | 5133518  | 13491897 | 10.380  | 10.093  |
| 17)                         | MA 4,4'-DDT     | 9.522  | 8.476  | 45628053 | 120.3E6  | 78.335  | 84.146  |
| 18)                         | B Endrin al...  | 9.430  | 8.549  | 547442   | 1533421  | 1.246m  | 1.272m  |
| 20)                         | A Methoxychlor  | 10.008 | 9.069  | 64217536 | 160.6E6  | 209.666 | 197.797 |
| 21)                         | B Endrin ke...  | 10.171 | 9.297  | 2227666  | 4877019  | 3.628   | 3.050   |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052822\  
Data File : PL075165.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 May 2022 10:51  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

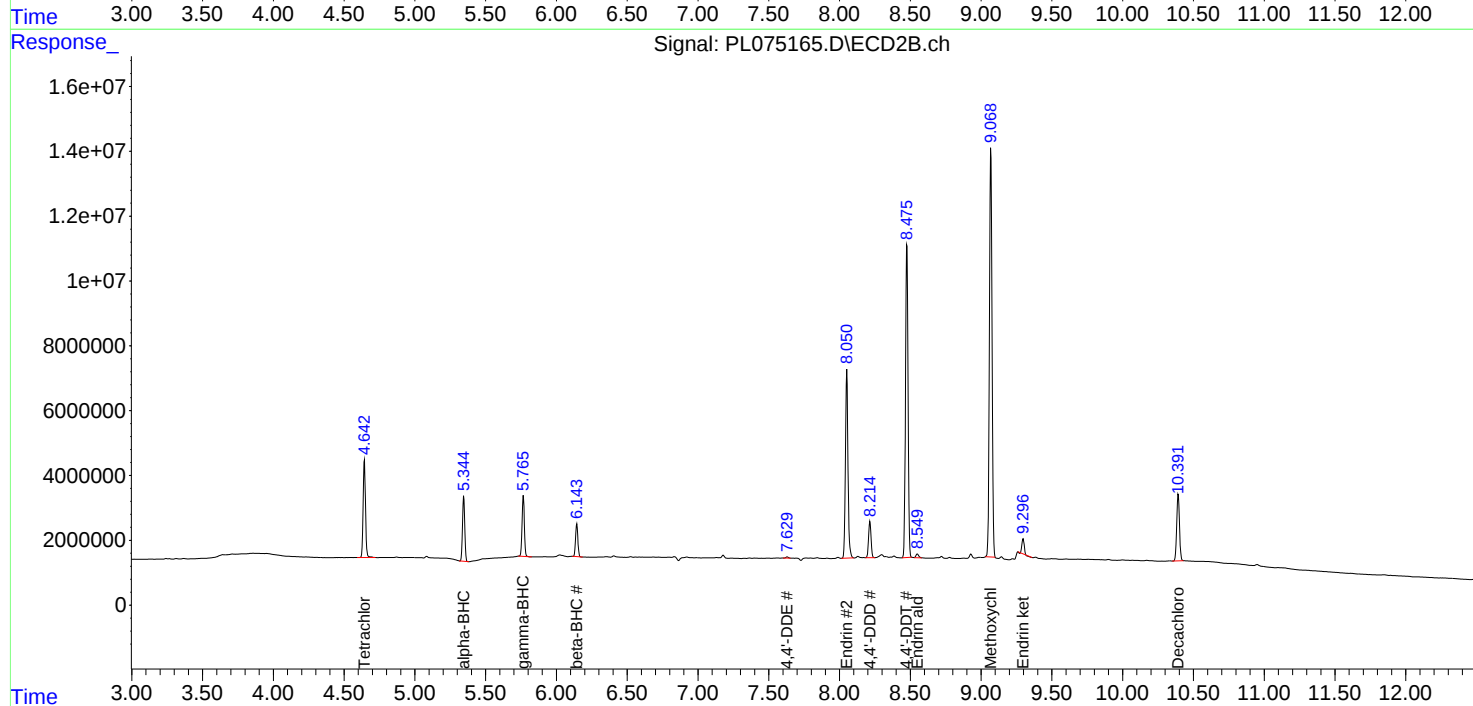
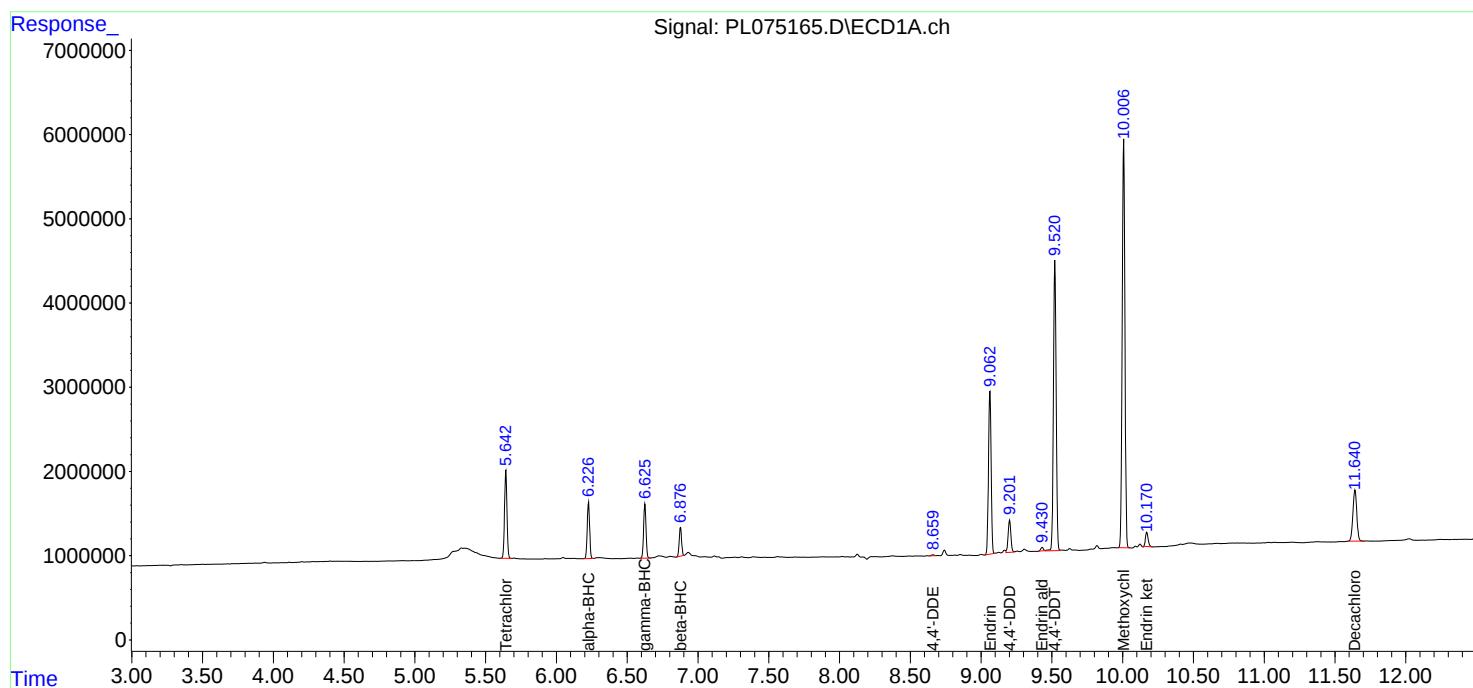
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

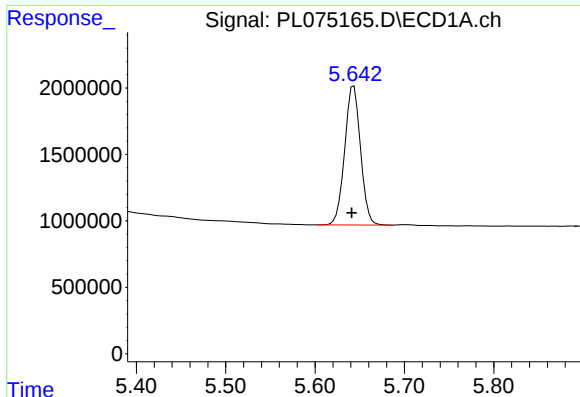
Manual Integrations  
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Supervised By :Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 02:55:45 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
Quant Title : GC Extractables  
QLast Update : Tue May 31 02:52:42 2022  
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





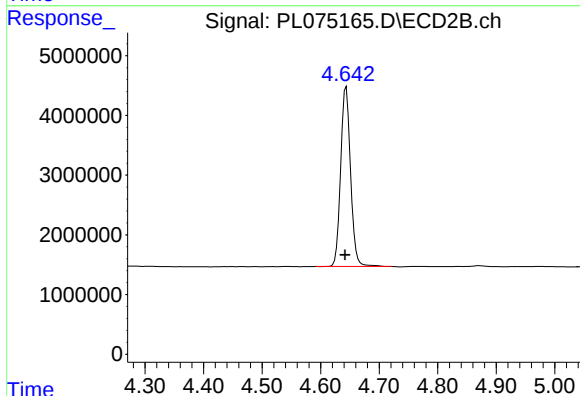
#1 Tetrachloro-m-xylene

R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 12849673  
Conc: 21.86 ng/ml

Instrument :  
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ClientSampleId :  
PEM

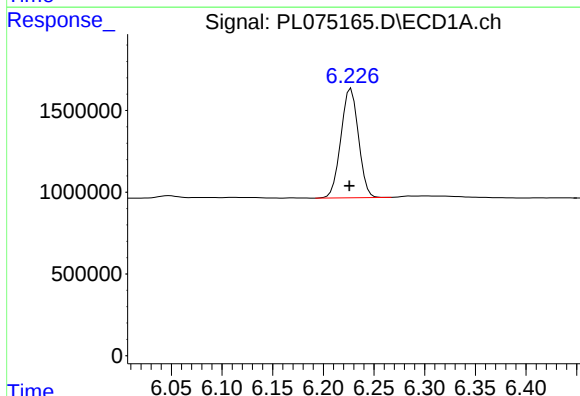
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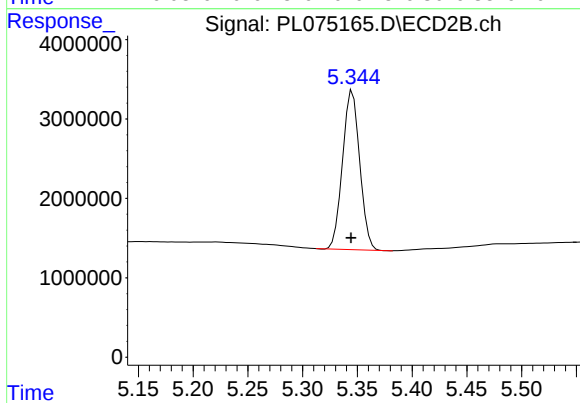
#1 Tetrachloro-m-xylene

R.T.: 4.644 min  
Delta R.T.: 0.002 min  
Response: 35359084  
Conc: 22.32 ng/ml



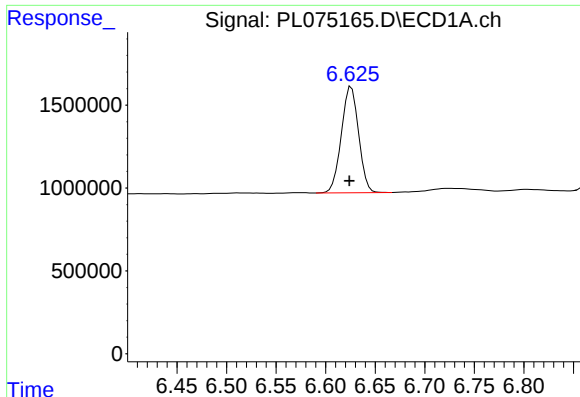
#2 alpha-BHC

R.T.: 6.227 min  
Delta R.T.: 0.002 min  
Response: 8048060  
Conc: 9.75 ng/ml



#2 alpha-BHC

R.T.: 5.346 min  
Delta R.T.: 0.001 min  
Response: 21837156  
Conc: 10.09 ng/ml



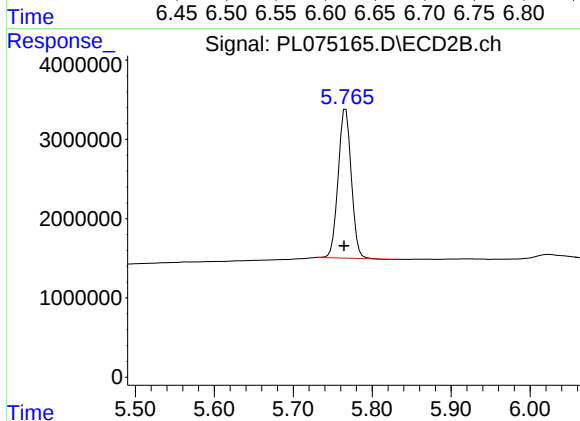
#3 gamma-BHC (Lindane)

R.T.: 6.626 min  
Delta R.T.: 0.002 min  
Response: 7763050  
Conc: 9.92 ng/ml

Instrument :  
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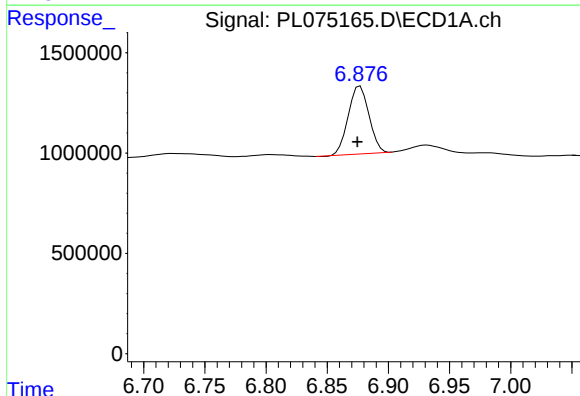
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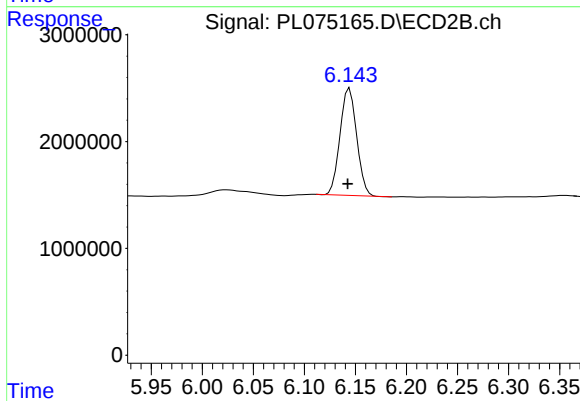
#3 gamma-BHC (Lindane)

R.T.: 5.767 min  
Delta R.T.: 0.002 min  
Response: 21716472  
Conc: 10.34 ng/ml



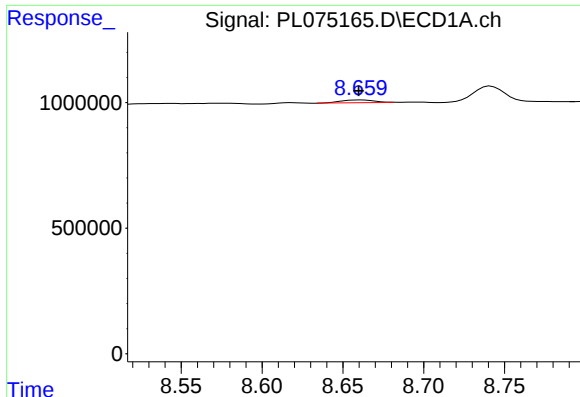
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: 0.002 min  
Response: 3979112  
Conc: 10.69 ng/ml



#6 beta-BHC

R.T.: 6.144 min  
Delta R.T.: 0.002 min  
Response: 11396064  
Conc: 11.74 ng/ml



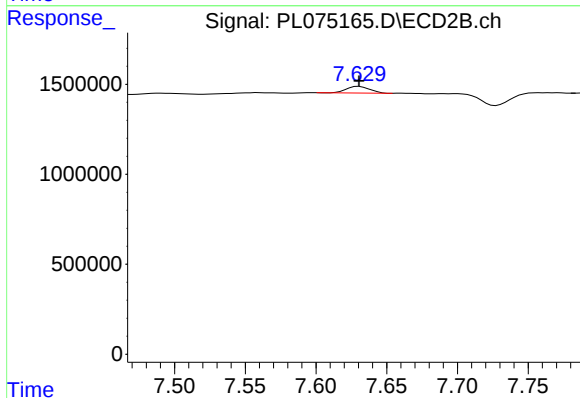
#12 4,4'-DDE

R.T.: 8.659 min  
Delta R.T.: 0.000 min  
Response: 160089  
Conc: 0.28 ng/ml

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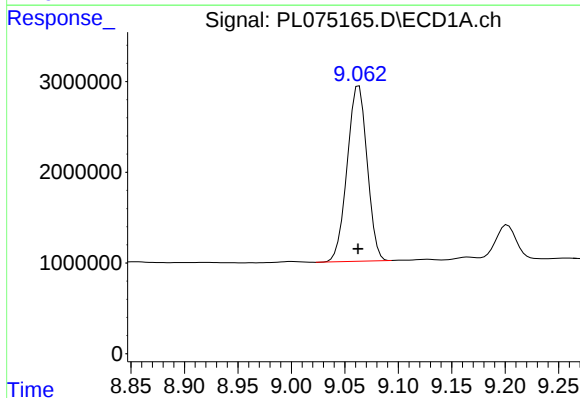
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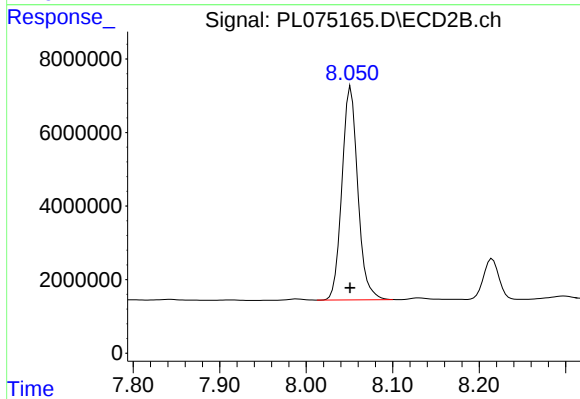
#12 4,4'-DDE

R.T.: 7.630 min  
Delta R.T.: 0.000 min  
Response: 426729  
Conc: 0.26 ng/ml



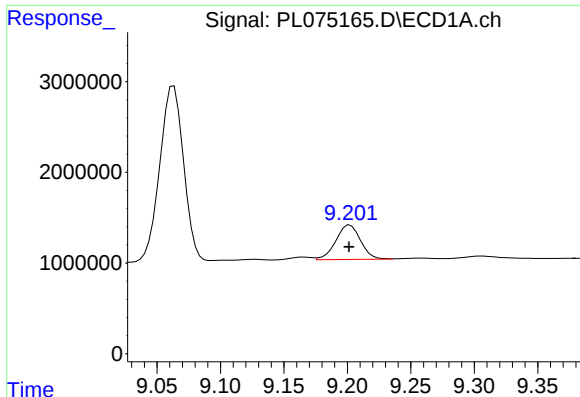
#14 Endrin

R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 25180460  
Conc: 47.42 ng/ml



#14 Endrin

R.T.: 8.052 min  
Delta R.T.: 0.000 min  
Response: 73464481  
Conc: 47.19 ng/ml



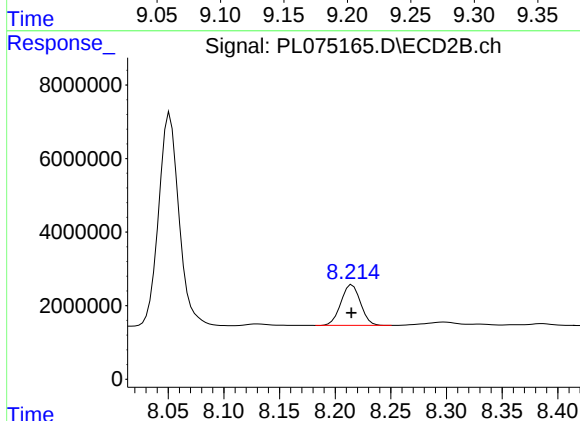
#16 4,4'-DDD

R.T.: 9.202 min  
Delta R.T.: 0.000 min  
Response: 5133518  
Conc: 10.38 ng/ml

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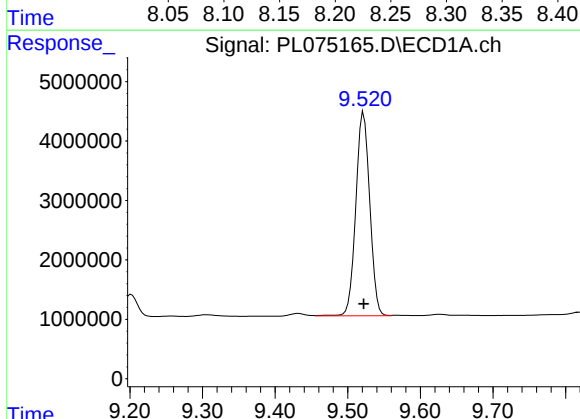
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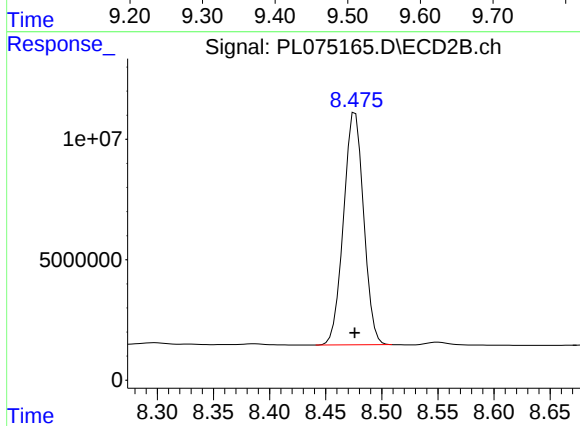
#16 4,4'-DDD

R.T.: 8.215 min  
Delta R.T.: 0.000 min  
Response: 13491897  
Conc: 10.09 ng/ml



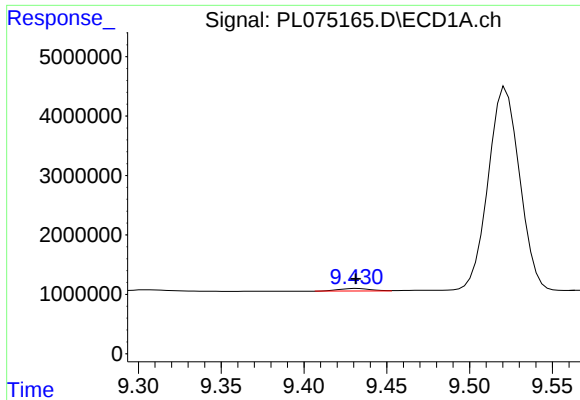
#17 4,4'-DDT

R.T.: 9.522 min  
Delta R.T.: 0.000 min  
Response: 45628053  
Conc: 78.34 ng/ml



#17 4,4'-DDT

R.T.: 8.476 min  
Delta R.T.: 0.000 min  
Response: 120341600  
Conc: 84.15 ng/ml



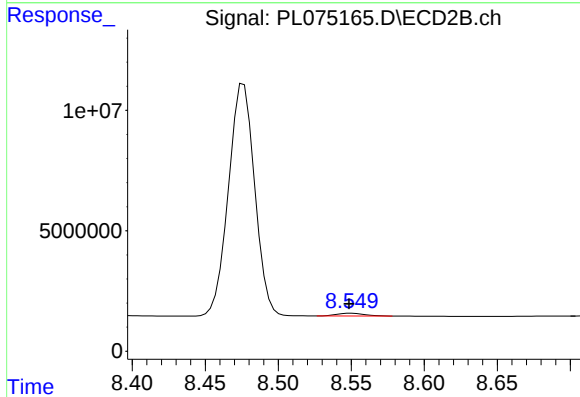
#18 Endrin aldehyde

R.T.: 9.430 min  
Delta R.T.: -0.001 min  
Response: 547442  
Conc: 1.25 ng/ml

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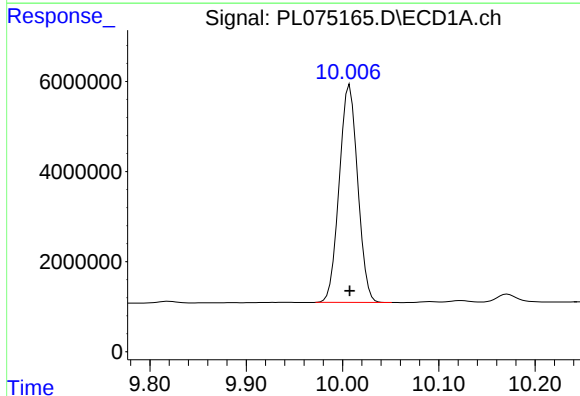
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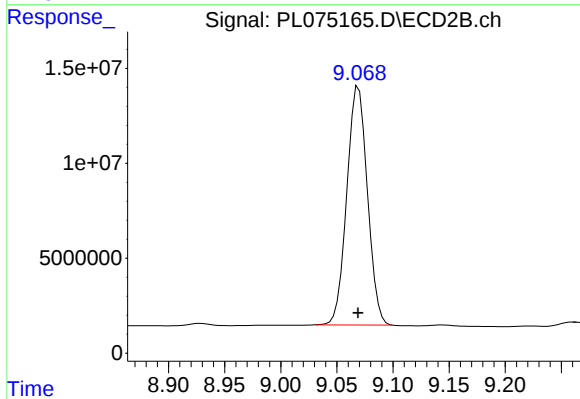
#18 Endrin aldehyde

R.T.: 8.549 min  
Delta R.T.: 0.000 min  
Response: 1533421  
Conc: 1.27 ng/ml m



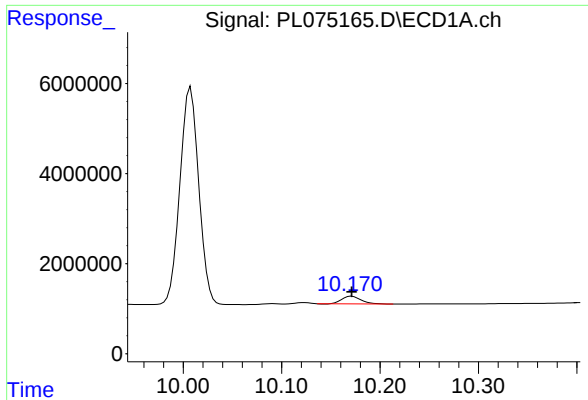
#20 Methoxychlor

R.T.: 10.008 min  
Delta R.T.: 0.000 min  
Response: 64217536  
Conc: 209.67 ng/ml



#20 Methoxychlor

R.T.: 9.069 min  
Delta R.T.: 0.000 min  
Response: 160621361  
Conc: 197.80 ng/ml



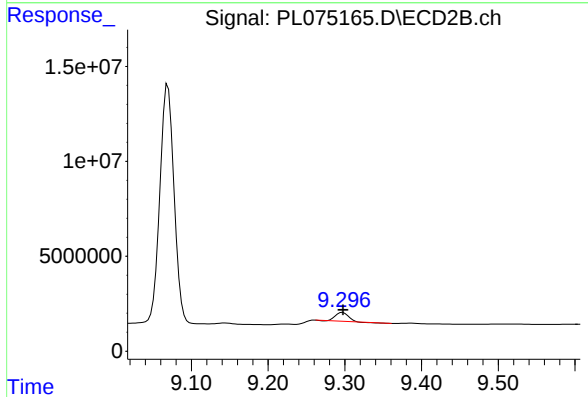
#21 Endrin ketone

R.T.: 10.171 min  
Delta R.T.: 0.000 min  
Response: 2227666  
Conc: 3.63 ng/ml

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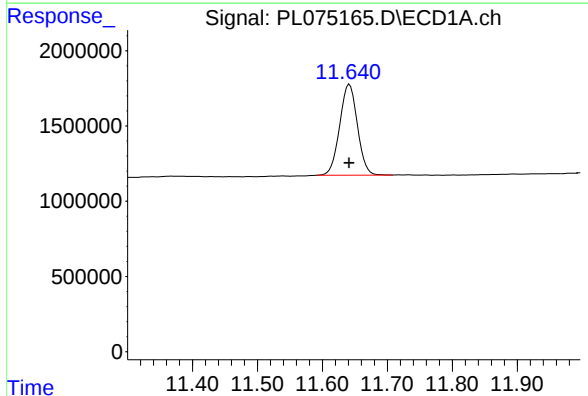
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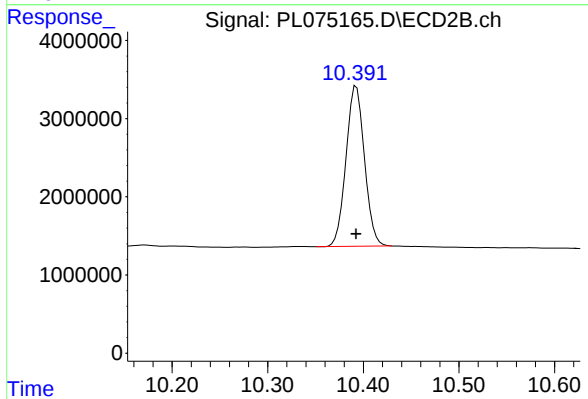
#21 Endrin ketone

R.T.: 9.297 min  
Delta R.T.: 0.000 min  
Response: 4877019  
Conc: 3.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.642 min  
Delta R.T.: 0.000 min  
Response: 11468682  
Conc: 21.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.393 min  
Delta R.T.: 0.000 min  
Response: 27632380  
Conc: 20.14 ng/ml