

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122821\  
 Data File : PD067522.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2021 17:47  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021  
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 02:53:36 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 28 02:41:31 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...          | 3.434 | 3.964 | 9285377  | 37589294 | 5.110  | 5.697  |
| 2) SA Decachlor...          | 8.157 | 9.020 | 5925194  | 30104733 | 6.670  | 6.334  |
| Target Compounds            |       |       |          |          |        |        |
| 2) A alpha-BHC              | 3.870 | 4.358 | 13390334 | 50685486 | 4.643  | 5.463  |
| 3) MA gamma-BHC...          | 4.152 | 4.643 | 13252237 | 46229011 | 4.983  | 5.485  |
| 4) MA Heptachlor            | 4.445 | 5.141 | 13117616 | 41991419 | 4.824  | 5.480m |
| 5) MB Aldrin                | 4.690 | 5.446 | 13096331 | 39968388 | 4.732  | 5.390  |
| 6) B beta-BHC               | 4.401 | 4.821 | 6241546  | 24504031 | 5.679  | 6.284  |
| 7) B delta-BHC              | 4.602 | 5.035 | 12193302 | 36750262 | 4.725  | 4.927m |
| 8) B Heptachlo...           | 5.129 | 5.834 | 12270920 | 24366346 | 4.942m | 4.565  |
| 9) A Endosulfan I           | 5.466 | 6.192 | 11435745 | 33081963 | 5.140  | 5.464  |
| 10) B gamma-Chl...          | 5.354 | 6.069 | 12567055 | 35274541 | 5.083  | 5.438  |
| 11) B alpha-Chl...          | 5.412 | 6.140 | 12338998 | 36280193 | 5.103  | 5.597  |
| 12) B 4,4'-DDE              | 5.576 | 6.301 | 10670384 | 32392927 | 4.820  | 5.259  |
| 13) MA Dieldrin             | 5.708 | 6.450 | 11676849 | 35129609 | 4.836  | 5.288  |
| 14) MA Endrin               | 5.964 | 6.669 | 10214731 | 28044693 | 4.851m | 5.059  |
| 15) B Endosulfa...          | 6.237 | 6.883 | 11163686 | 34188955 | 5.575m | 5.752  |
| 16) A 4,4'-DDD              | 6.090 | 6.794 | 8608667  | 25282229 | 5.011  | 5.070m |
| 17) MA 4,4'-DDT             | 6.329 | 7.092 | 7130485  | 28321314 | 4.364  | 5.293  |
| 18) B Endrin al...          | 6.407 | 7.009 | 9123211  | 24155406 | 6.004  | 5.354  |
| 19) B Endosulfa...          | 6.618 | 7.231 | 8751009  | 30167898 | 5.420  | 5.520  |
| 20) A Methoxychlor          | 6.877 | 7.555 | 4535843  | 15409283 | 5.343  | 5.311  |
| 21) B Endrin ke...          | 7.111 | 7.704 | 9419972  | 35514284 | 5.504  | 5.659  |
| 22) Mirex                   | 7.291 | 8.151 | 7086445  | 24458900 | 5.925  | 5.633  |
| -----                       |       |       |          |          |        |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122821\  
Data File : PD067522.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2021 17:47  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

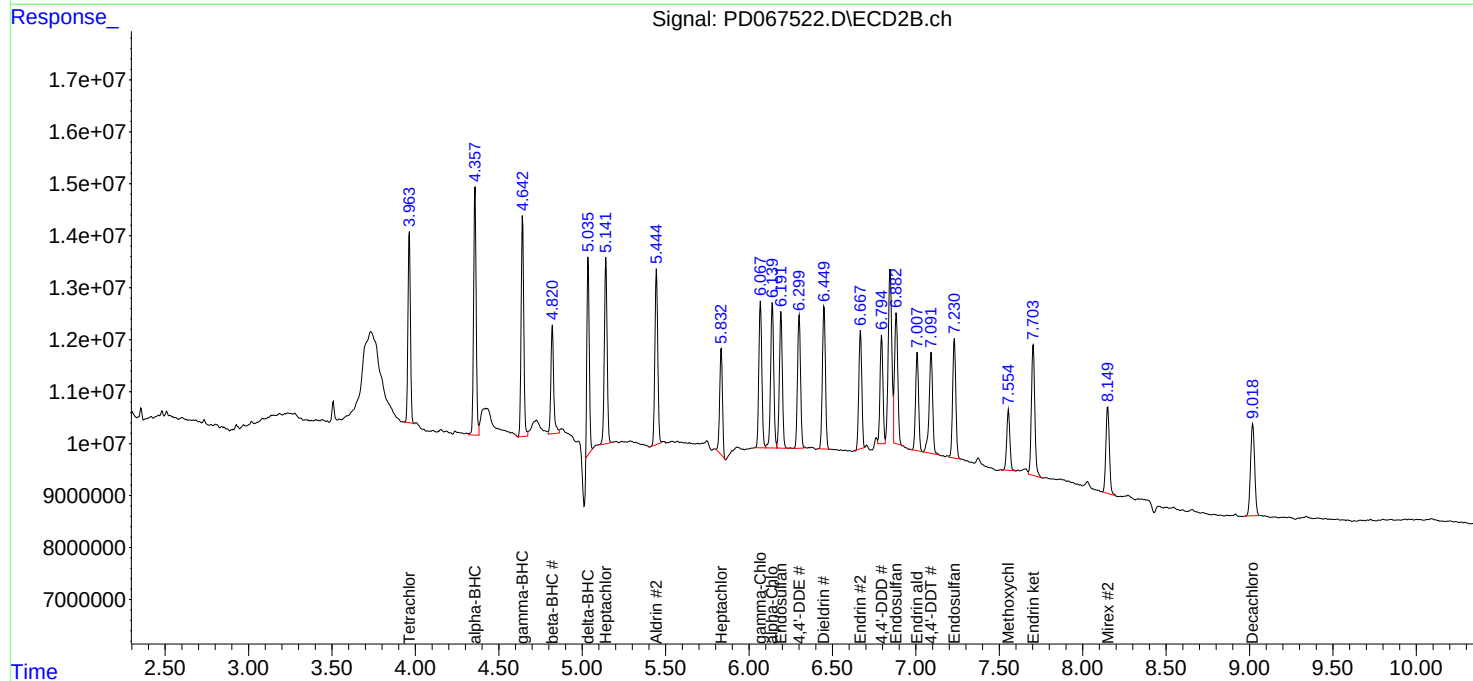
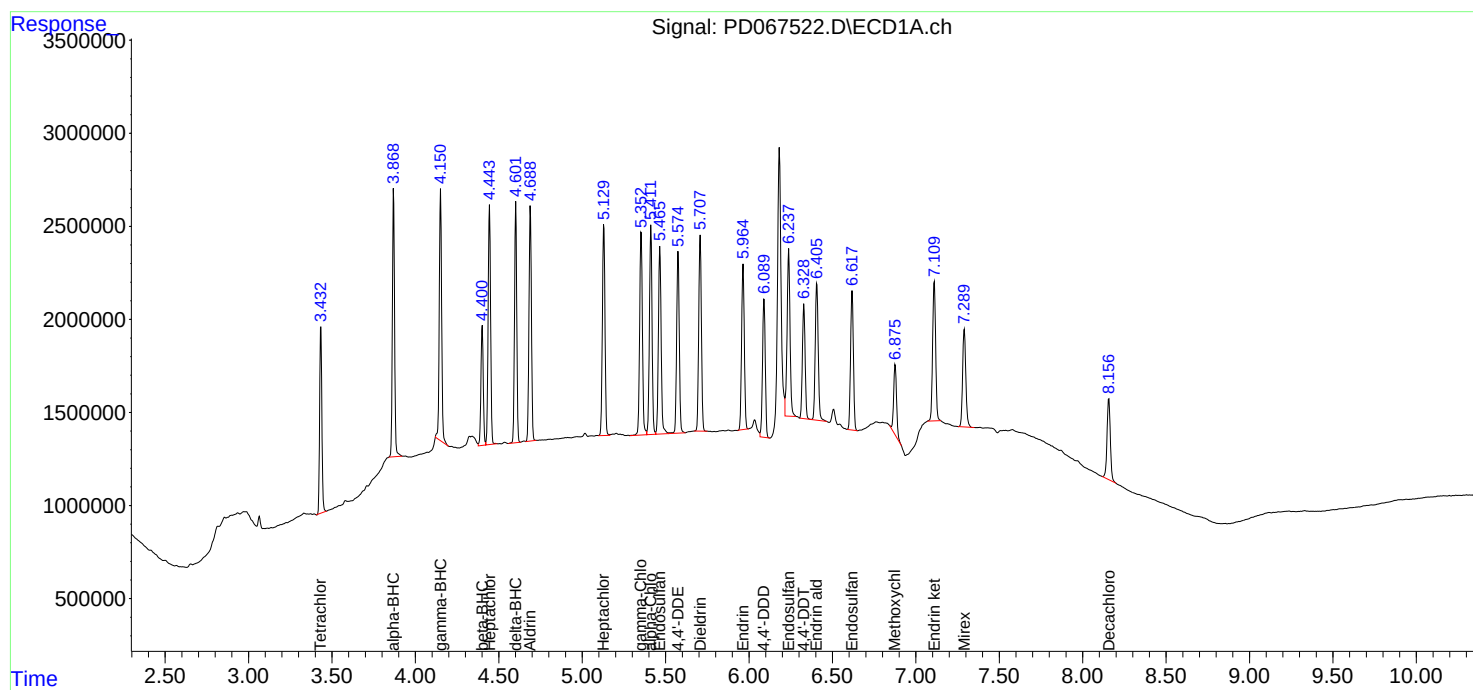
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

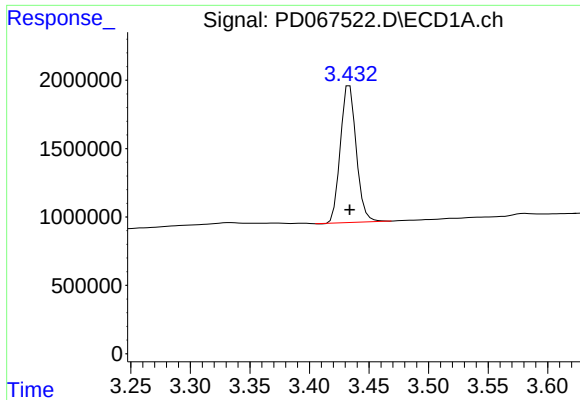
Manual Integrations  
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Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 02:53:36 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 28 02:41:31 2021  
Response via : Initial Calibration  
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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





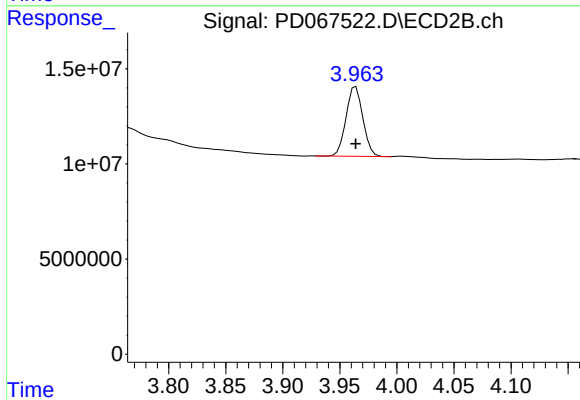
#1 Tetrachloro-m-xylene

R.T.: 3.434 min  
Delta R.T.: 0.000 min  
Response: 9285377  
Conc: 5.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

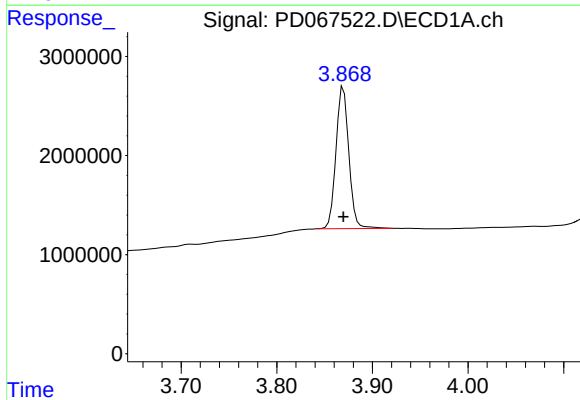
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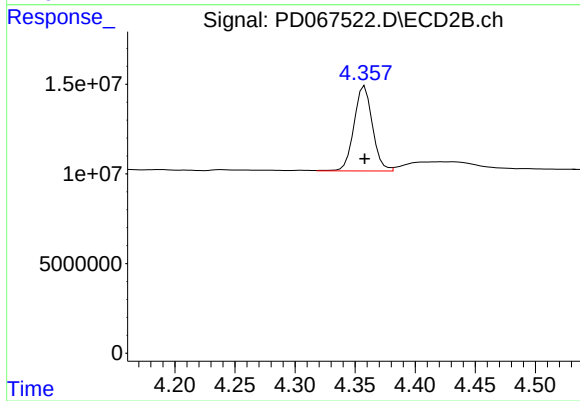
#1 Tetrachloro-m-xylene

R.T.: 3.964 min  
Delta R.T.: 0.000 min  
Response: 37589294  
Conc: 5.70 ng/ml



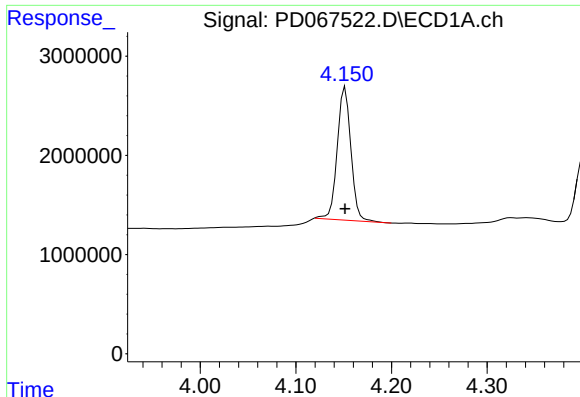
#2 alpha-BHC

R.T.: 3.870 min  
Delta R.T.: 0.000 min  
Response: 13390334  
Conc: 4.64 ng/ml



#2 alpha-BHC

R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 50685486  
Conc: 5.46 ng/ml



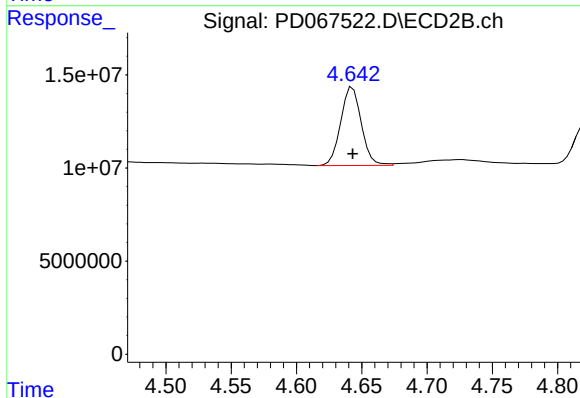
#3 gamma-BHC (Lindane)

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 13252237  
Conc: 4.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

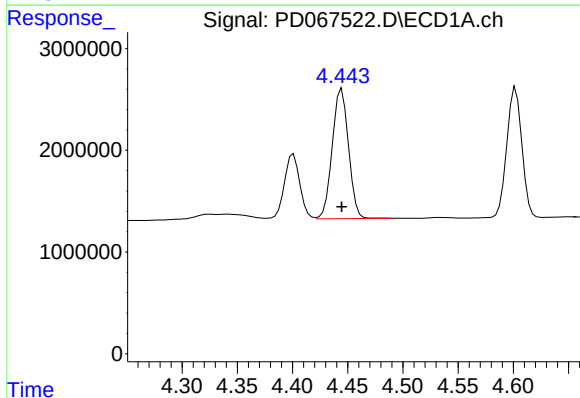
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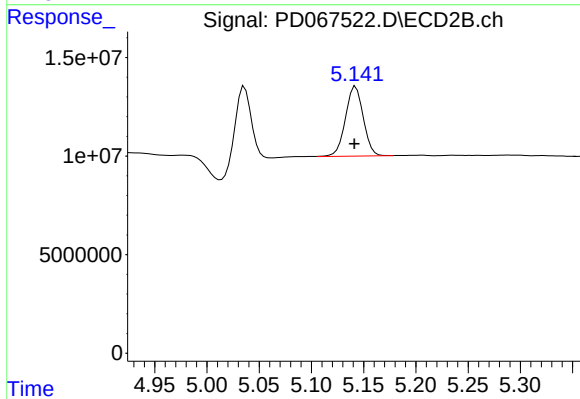
#3 gamma-BHC (Lindane)

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 46229011  
Conc: 5.49 ng/ml



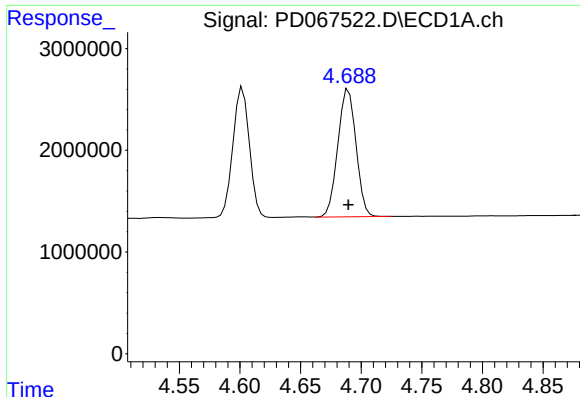
#4 Heptachlor

R.T.: 4.445 min  
Delta R.T.: 0.000 min  
Response: 13117616  
Conc: 4.82 ng/ml



#4 Heptachlor

R.T.: 5.141 min  
Delta R.T.: 0.000 min  
Response: 41991419  
Conc: 5.48 ng/ml m



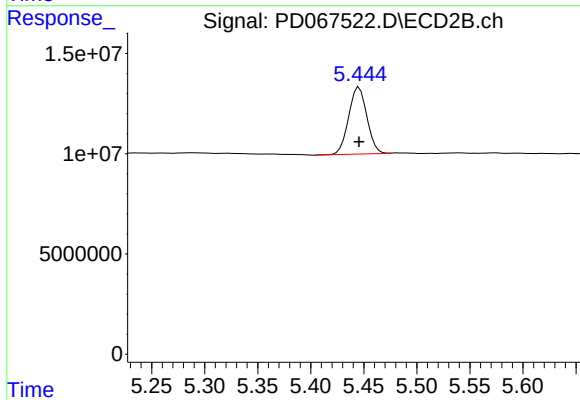
#5 Aldrin

R.T.: 4.690 min  
Delta R.T.: 0.000 min  
Response: 13096331  
Conc: 4.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

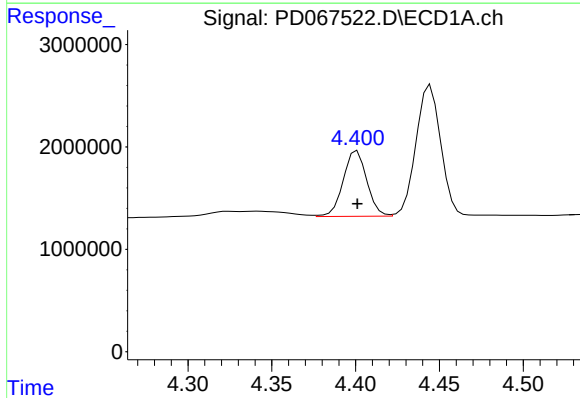
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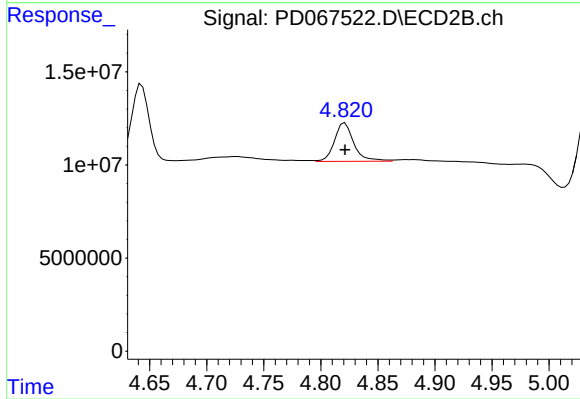
#5 Aldrin

R.T.: 5.446 min  
Delta R.T.: 0.000 min  
Response: 39968388  
Conc: 5.39 ng/ml



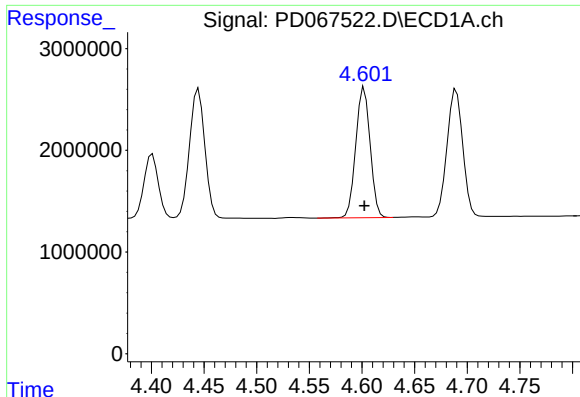
#6 beta-BHC

R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 6241546  
Conc: 5.68 ng/ml



#6 beta-BHC

R.T.: 4.821 min  
Delta R.T.: 0.000 min  
Response: 24504031  
Conc: 6.28 ng/ml



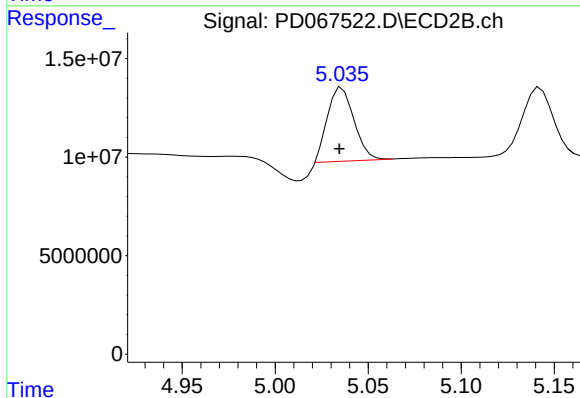
#7 delta-BHC

R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 12193302  
Conc: 4.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

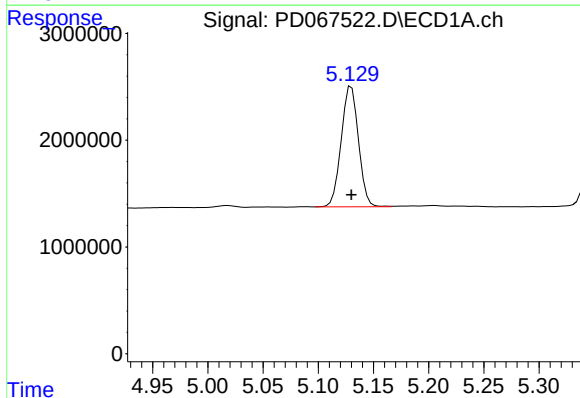
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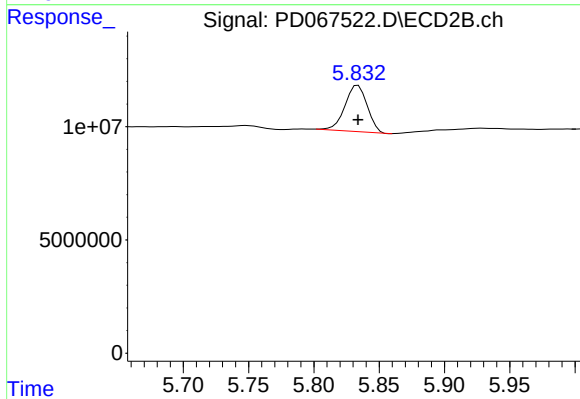
#7 delta-BHC

R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 36750262  
Conc: 4.93 ng/ml m



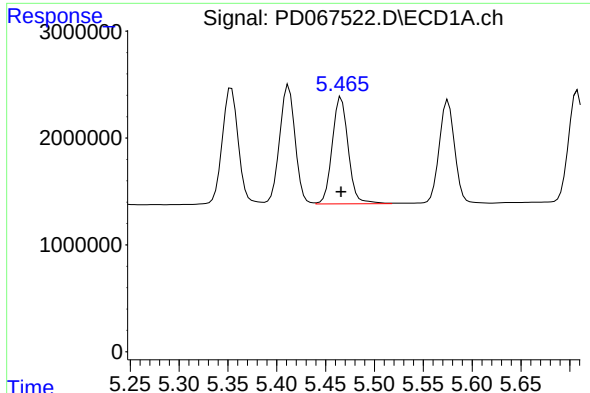
#8 Heptachlor epoxide

R.T.: 5.129 min  
Delta R.T.: -0.001 min  
Response: 12270920  
Conc: 4.94 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.834 min  
Delta R.T.: 0.000 min  
Response: 24366346  
Conc: 4.56 ng/ml



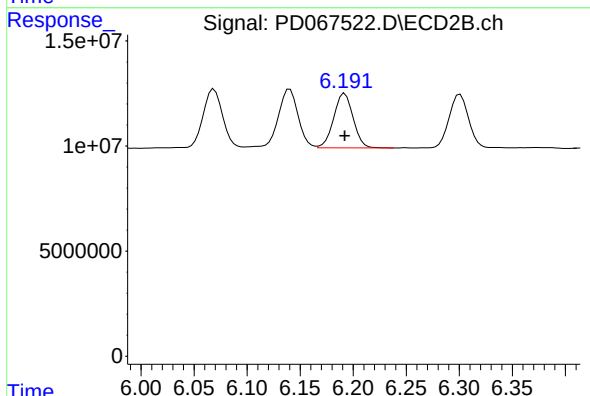
#9 Endosulfan I

R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 11435745  
Conc: 5.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

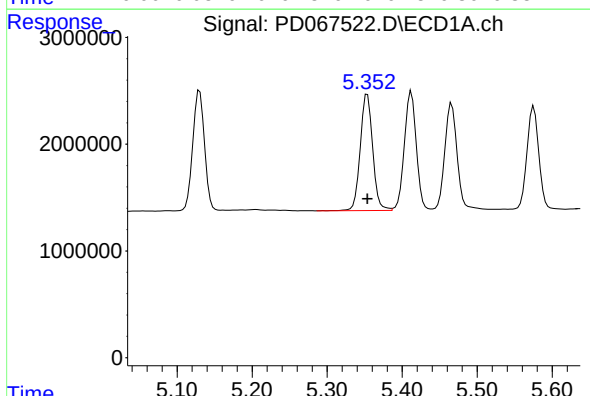
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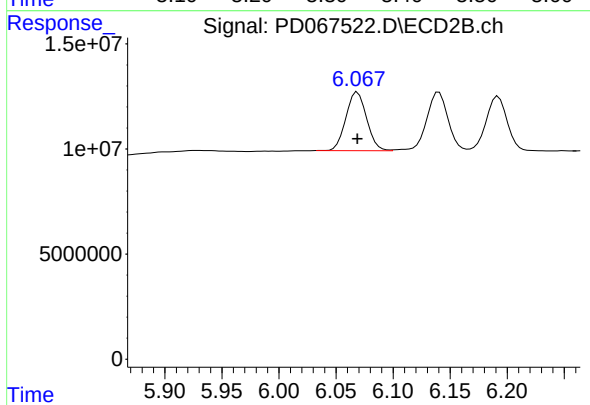
#9 Endosulfan I

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 33081963  
Conc: 5.46 ng/ml



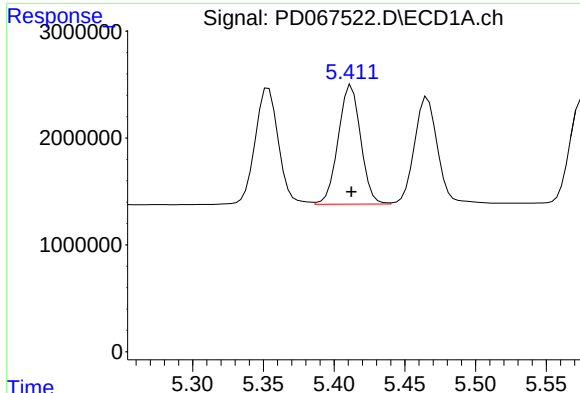
#10 gamma-Chlordane

R.T.: 5.354 min  
Delta R.T.: 0.000 min  
Response: 12567055  
Conc: 5.08 ng/ml



#10 gamma-Chlordane

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 35274541  
Conc: 5.44 ng/ml



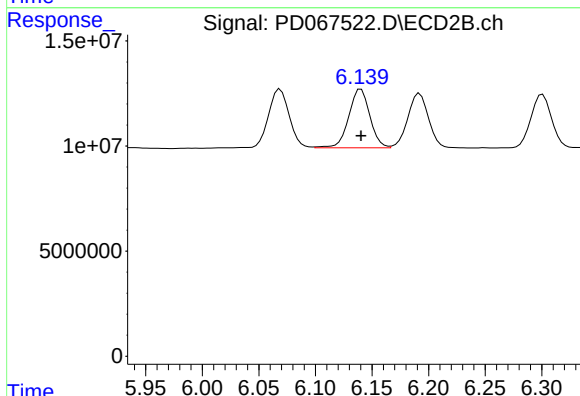
#11 alpha-Chlordane

R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 12338998  
Conc: 5.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

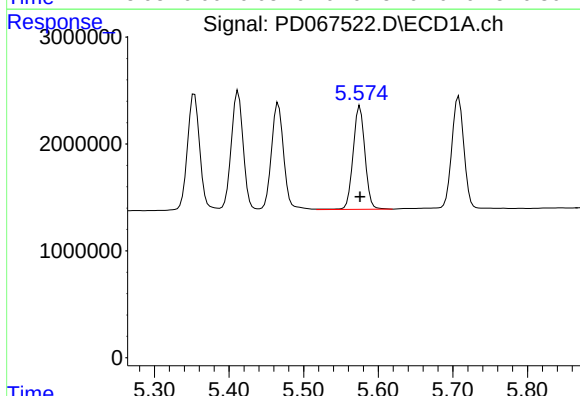
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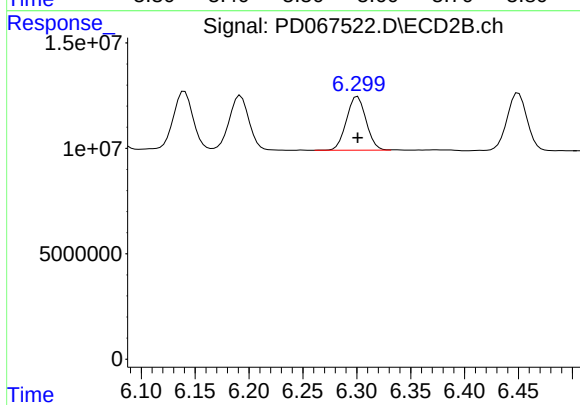
#11 alpha-Chlordane

R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 36280193  
Conc: 5.60 ng/ml



#12 4,4'-DDE

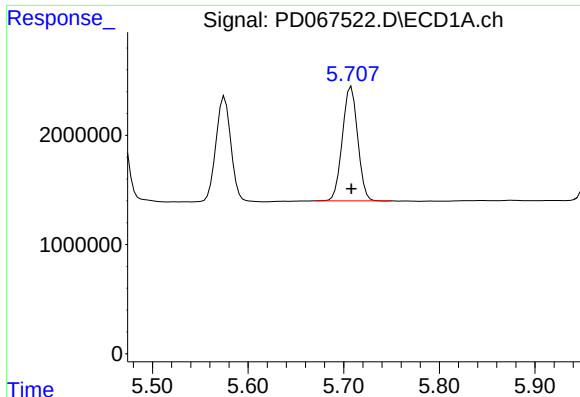
R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 10670384  
Conc: 4.82 ng/ml



#12 4,4'-DDE

R.T.: 6.301 min  
Delta R.T.: 0.000 min  
Response: 32392927  
Conc: 5.26 ng/ml





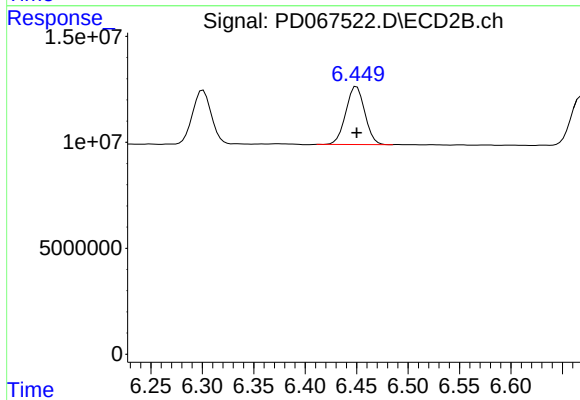
#13 Dieldrin

R.T.: 5.708 min  
Delta R.T.: 0.000 min  
Response: 11676849  
Conc: 4.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

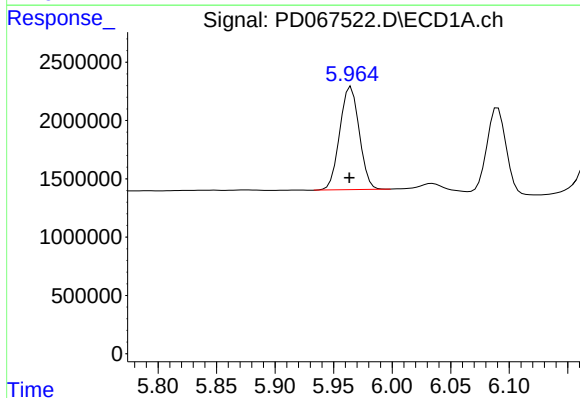
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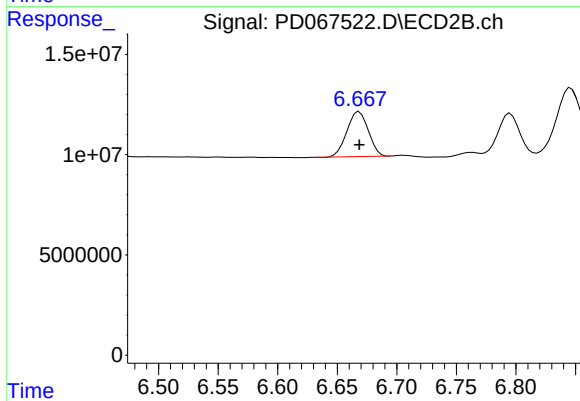
#13 Dieldrin

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 35129609  
Conc: 5.29 ng/ml



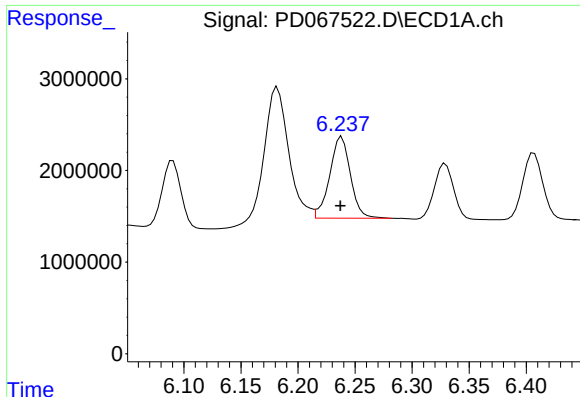
#14 Endrin

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 10214731  
Conc: 4.85 ng/ml m



#14 Endrin

R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 28044693  
Conc: 5.06 ng/ml



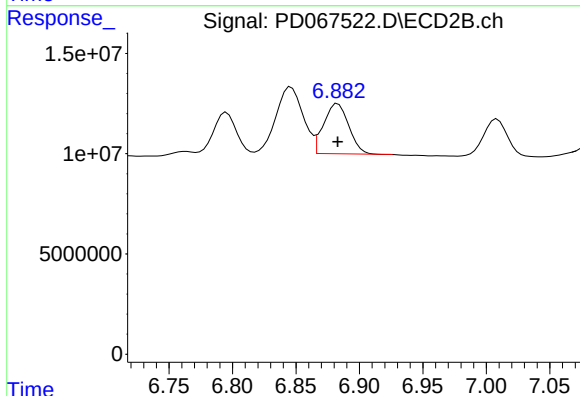
#15 Endosulfan II

R.T.: 6.237 min  
Delta R.T.: 0.000 min  
Response: 11163686  
Conc: 5.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

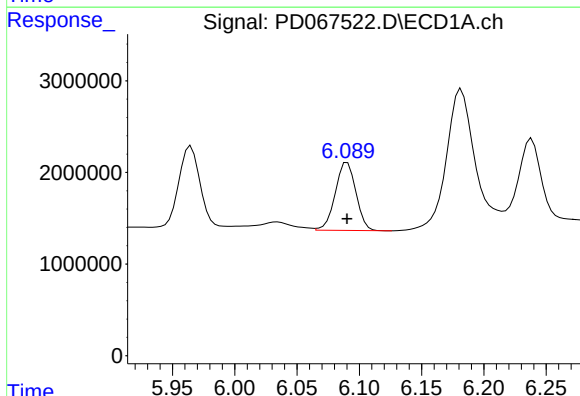
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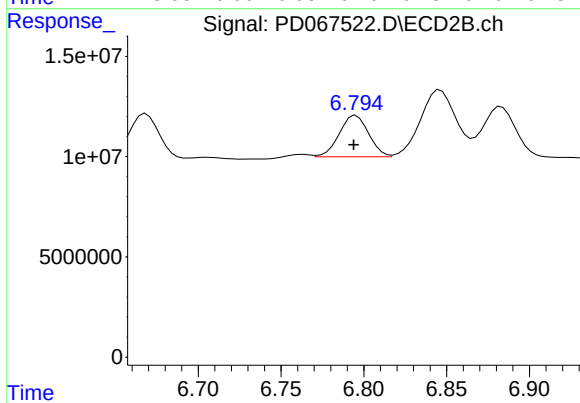
#15 Endosulfan II

R.T.: 6.883 min  
Delta R.T.: 0.000 min  
Response: 34188955  
Conc: 5.75 ng/ml



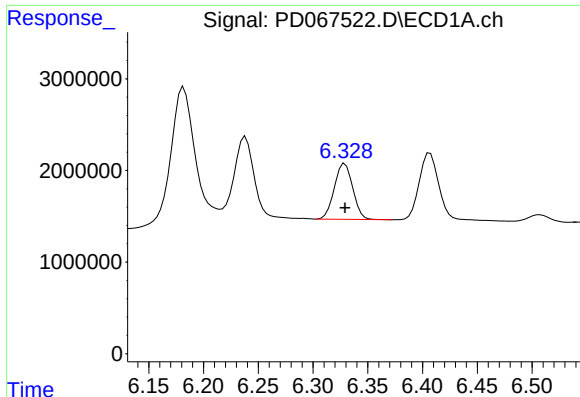
#16 4,4'-DDD

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 8608667  
Conc: 5.01 ng/ml



#16 4,4'-DDD

R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 25282229  
Conc: 5.07 ng/ml m



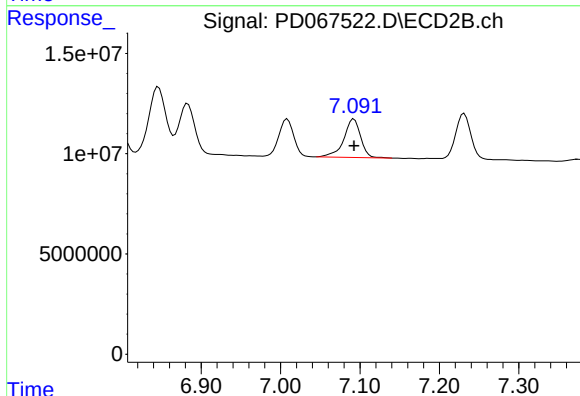
#17 4,4'-DDT

R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 7130485  
Conc: 4.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

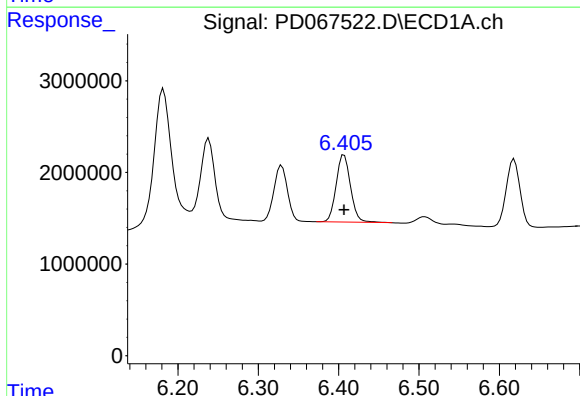
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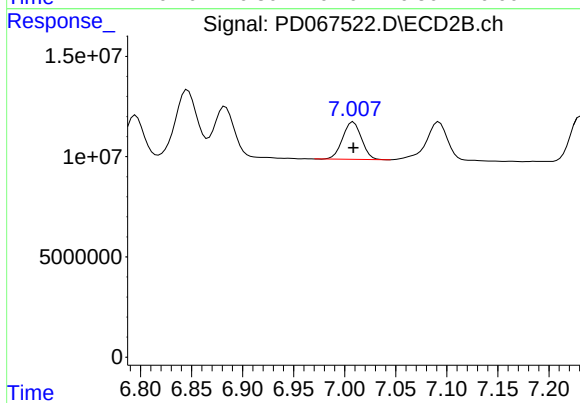
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 28321314  
Conc: 5.29 ng/ml



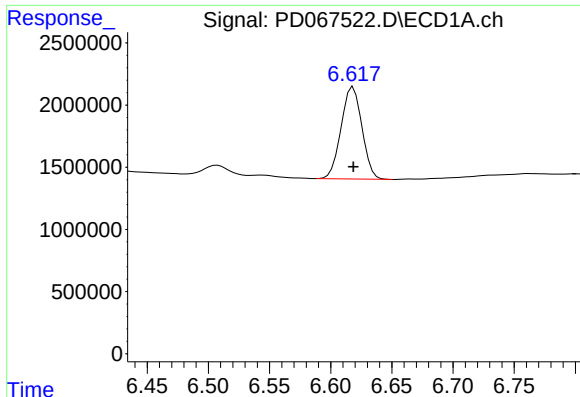
#18 Endrin aldehyde

R.T.: 6.407 min  
Delta R.T.: 0.000 min  
Response: 9123211  
Conc: 6.00 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min  
Delta R.T.: 0.000 min  
Response: 24155406  
Conc: 5.35 ng/ml



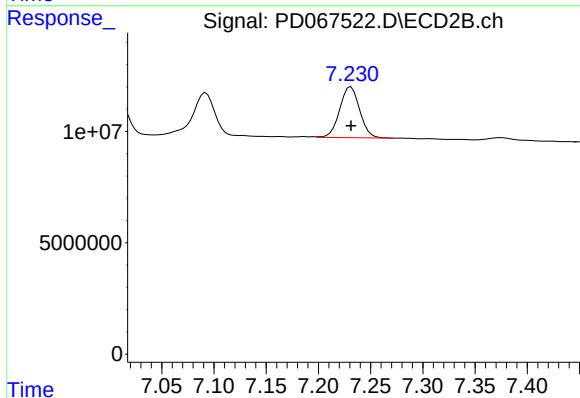
#19 Endosulfan Sulfate

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 8751009  
Conc: 5.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

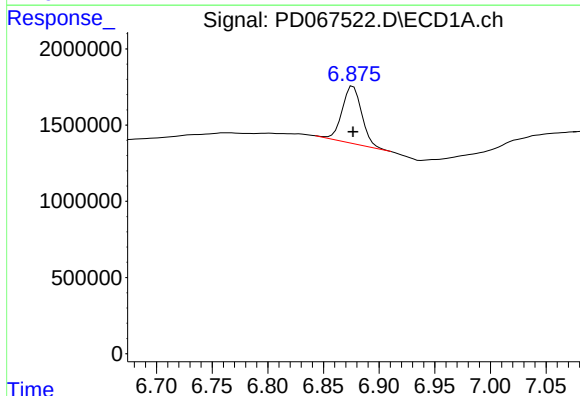
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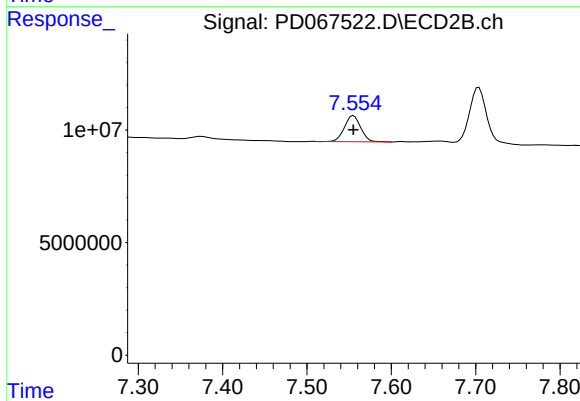
#19 Endosulfan Sulfate

R.T.: 7.231 min  
Delta R.T.: 0.000 min  
Response: 30167898  
Conc: 5.52 ng/ml



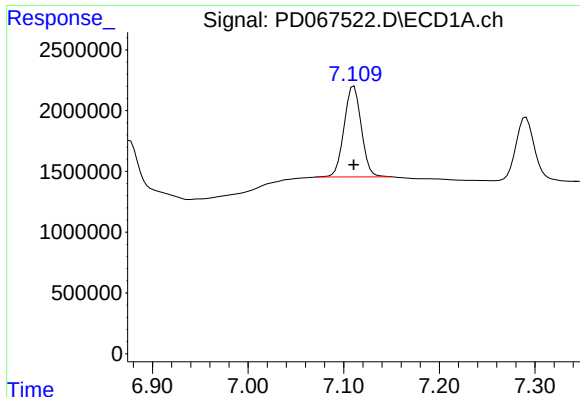
#20 Methoxychlor

R.T.: 6.877 min  
Delta R.T.: 0.000 min  
Response: 4535843  
Conc: 5.34 ng/ml



#20 Methoxychlor

R.T.: 7.555 min  
Delta R.T.: 0.000 min  
Response: 15409283  
Conc: 5.31 ng/ml



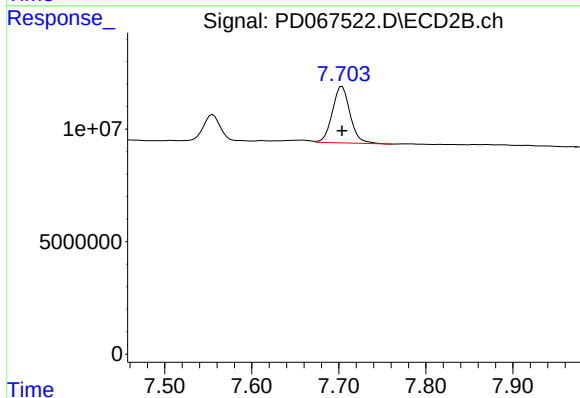
#21 Endrin ketone

R.T.: 7.111 min  
Delta R.T.: 0.000 min  
Response: 9419972  
Conc: 5.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

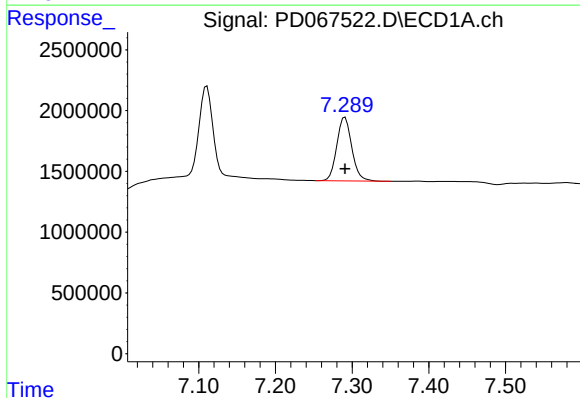
Manual Integrations  
APPROVED

Reviewed By :Ankita Jodhani 12/28/2021  
Supervised By :mohammad ahmed 12/29/2021



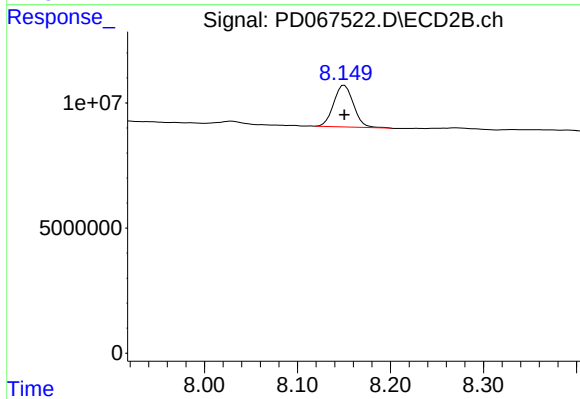
#21 Endrin ketone

R.T.: 7.704 min  
Delta R.T.: 0.000 min  
Response: 35514284  
Conc: 5.66 ng/ml



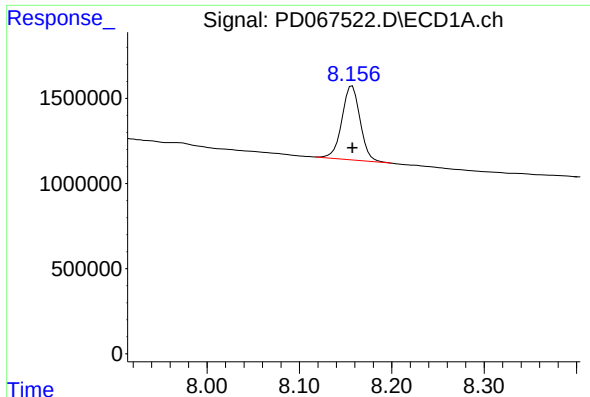
#22 Mirex

R.T.: 7.291 min  
Delta R.T.: 0.000 min  
Response: 7086445  
Conc: 5.92 ng/ml



#22 Mirex

R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 24458900  
Conc: 5.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.157 min  
Delta R.T.: 0.000 min  
Response: 5925194  
Conc: 6.67 ng/ml

Instrument :

ECD\_D

ClientSampleId :

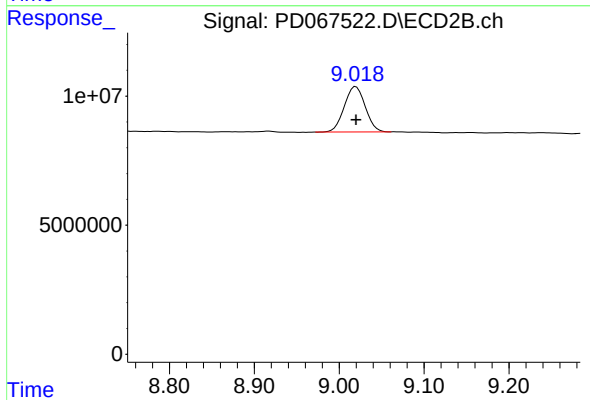
PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 12/28/2021

Supervised By :mohammad ahmed 12/29/2021



#28 Decachlorobiphenyl

R.T.: 9.020 min  
Delta R.T.: 0.000 min  
Response: 30104733  
Conc: 6.33 ng/ml