

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100423\  
 Data File : PD078628.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 19:56  
 Operator : AR\AJ  
 Sample : 04685-05MSD  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PP-20230928-B6A-0-7.5MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/04/2023  
 Supervised By :Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 21:36:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 01:10:04 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|----------|---------|--------|
| -----                       |       |       |          |          |         |        |
| System Monitoring Compounds |       |       |          |          |         |        |
| 1) SA Tetrachlo...          | 3.540 | 2.758 | 48348152 | 34436572 | 16.748  | 16.861 |
| 28) SA Decachlor...         | 9.078 | 7.894 | 56151006 | 32422722 | 15.141  | 14.289 |
| Target Compounds            |       |       |          |          |         |        |
| 2) A alpha-BHC              | 3.997 | 3.259 | 240.9E6  | 149.0E6  | 49.613  | 49.719 |
| 3) MA gamma-BHC...          | 4.330 | 3.588 | 232.3E6  | 146.4E6  | 49.666  | 50.523 |
| 4) MA Heptachlor            | 4.920 | 3.927 | 229.0E6  | 142.7E6  | 48.698  | 48.350 |
| 5) MB Aldrin                | 5.263 | 4.206 | 239.3E6  | 146.1E6  | 49.533  | 49.237 |
| 6) B beta-BHC               | 4.528 | 3.885 | 91600534 | 57044881 | 49.319  | 49.358 |
| 7) B delta-BHC              | 4.776 | 4.115 | 228.6E6  | 144.7E6  | 50.748  | 50.568 |
| 8) B Heptachlo...           | 5.690 | 4.708 | 207.0E6  | 134.1E6  | 49.275  | 49.613 |
| 9) A Endosulfan I           | 6.077 | 5.078 | 192.4E6  | 124.5E6  | 49.239  | 49.522 |
| 10) B gamma-Chl...          | 5.947 | 4.958 | 207.6E6  | 133.9E6  | 49.434  | 49.807 |
| 11) B alpha-Chl...          | 6.026 | 5.022 | 207.2E6  | 132.8E6  | 49.181  | 49.456 |
| 12) B 4,4'-DDE              | 6.199 | 5.210 | 199.0E6  | 129.5E6  | 49.714  | 50.911 |
| 13) MA Dieldrin             | 6.353 | 5.342 | 208.1E6  | 138.2E6  | 49.610  | 49.502 |
| 14) MA Endrin               | 6.584 | 5.618 | 172.8E6  | 123.1E6  | 51.442  | 49.760 |
| 15) B Endosulfa...          | 6.803 | 5.912 | 170.5E6  | 116.7E6  | 47.373  | 49.031 |
| 16) A 4,4'-DDD              | 6.718 | 5.765 | 155.8E6  | 104.5E6  | 52.350  | 52.797 |
| 17) MA 4,4'-DDT             | 7.032 | 6.015 | 150.8E6  | 103.4E6  | 50.944  | 50.817 |
| 18) B Endrin al...          | 6.932 | 6.092 | 130.9E6  | 89539256 | 48.984m | 48.298 |
| 19) B Endosulfa...          | 7.169 | 6.314 | 158.1E6  | 109.9E6  | 49.211  | 49.535 |
| 20) A Methoxychlor          | 7.509 | 6.591 | 81947942 | 56288715 | 49.102  | 51.592 |
| 21) B Endrin ke...          | 7.655 | 6.821 | 184.9E6  | 129.8E6  | 51.475  | 49.467 |
| 22) Mirex                   | 8.129 | 7.002 | 152.3E6  | 113.6E6  | 57.037  | 55.751 |
| -----                       |       |       |          |          |         |        |

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

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Data File : PD078628.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2023 19:56  
Operator : AR\AJ  
Sample : 04685-05MSD  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

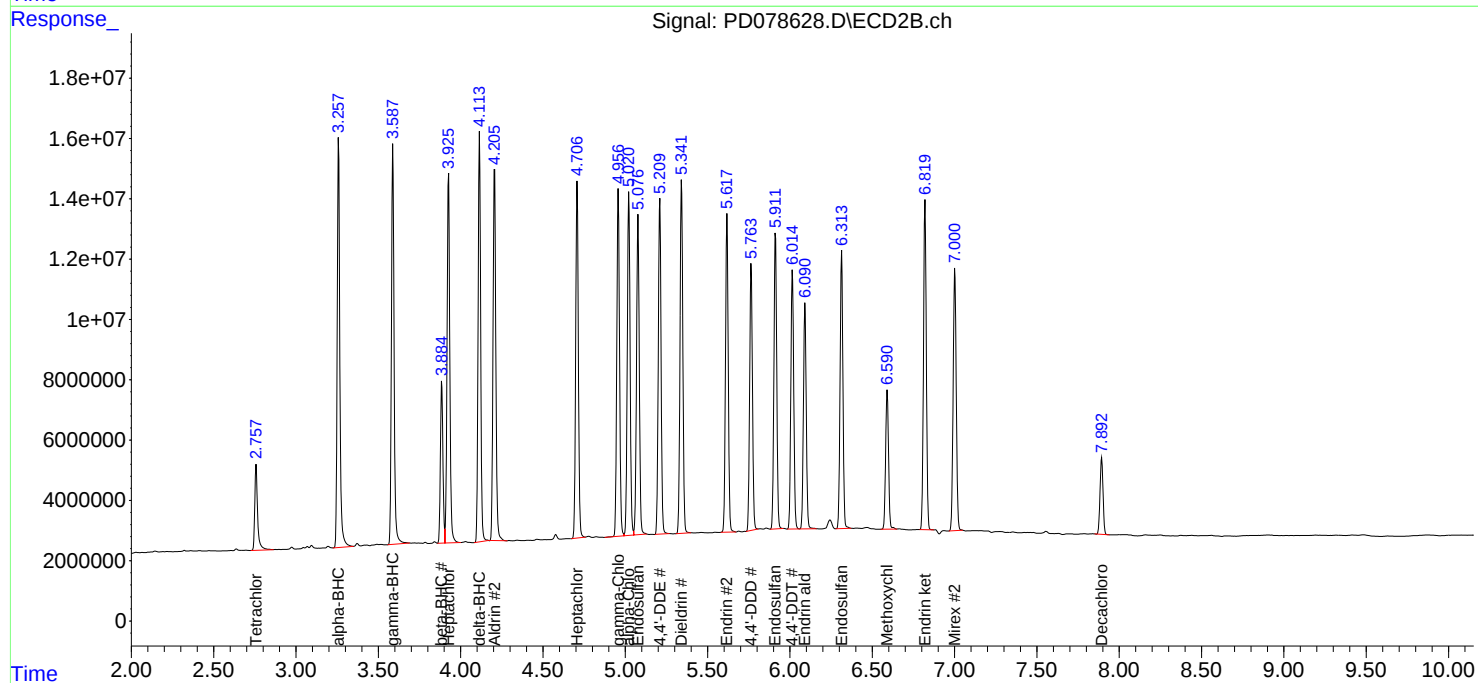
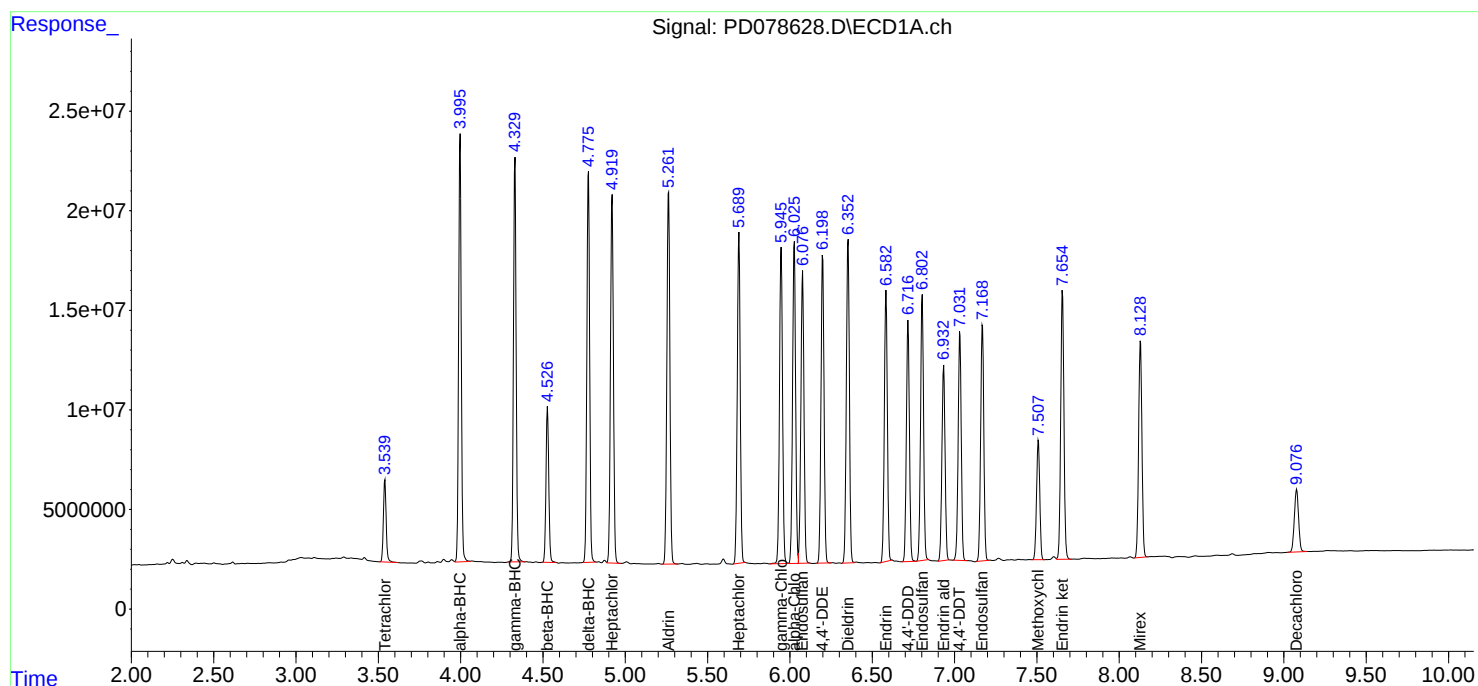
Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B6A-0-7.5MSD

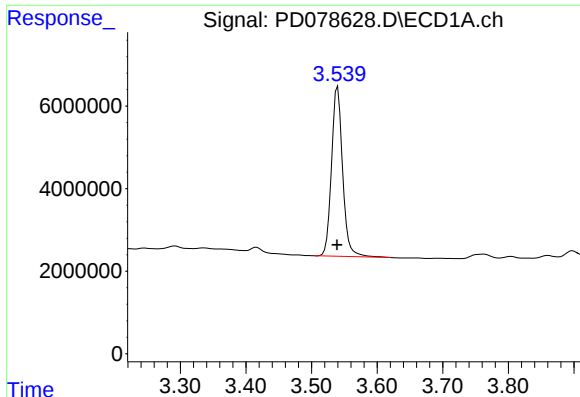
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Integration File signal 1: autoint1.e  
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Quant Time: Oct 03 21:36:21 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 03 01:10:04 2023  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





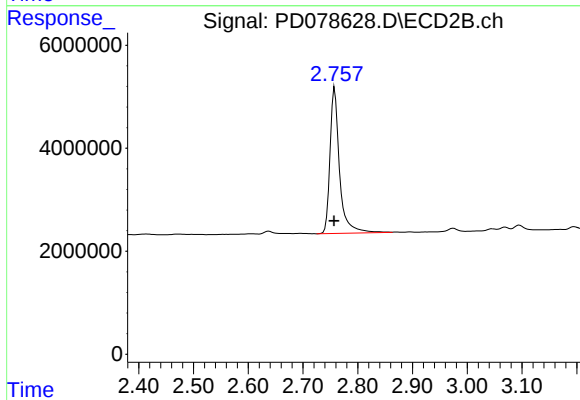
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 48348152  
Conc: 16.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B6A-0-7.5MSD

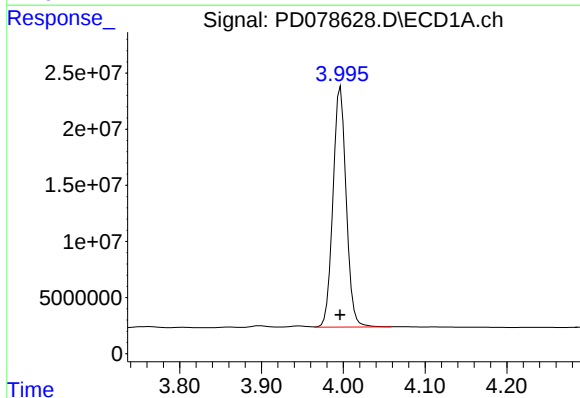
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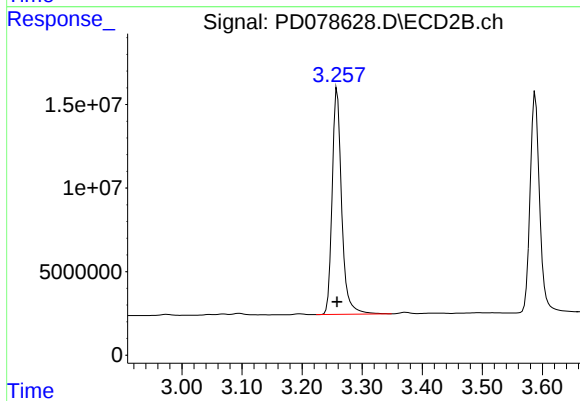
#1 Tetrachloro-m-xylene

R.T.: 2.758 min  
Delta R.T.: 0.000 min  
Response: 34436572  
Conc: 16.86 ng/ml



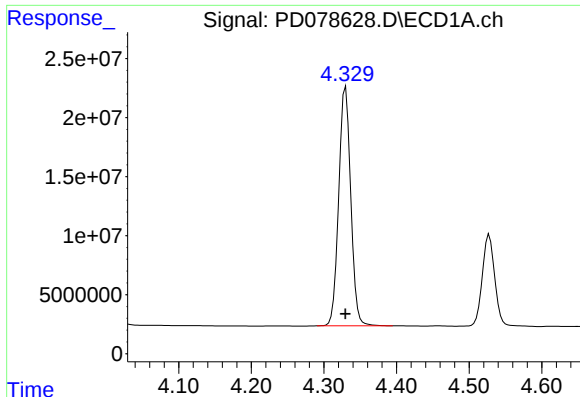
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.000 min  
Response: 240935717  
Conc: 49.61 ng/ml



#2 alpha-BHC

R.T.: 3.259 min  
Delta R.T.: 0.000 min  
Response: 149034016  
Conc: 49.72 ng/ml



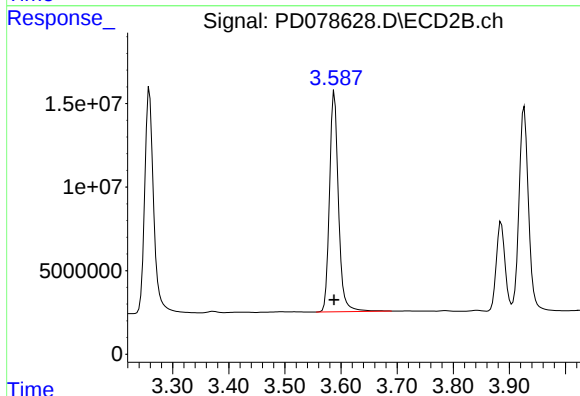
#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: 0.000 min  
Response: 232341460  
Conc: 49.67 ng/ml

Instrument :  
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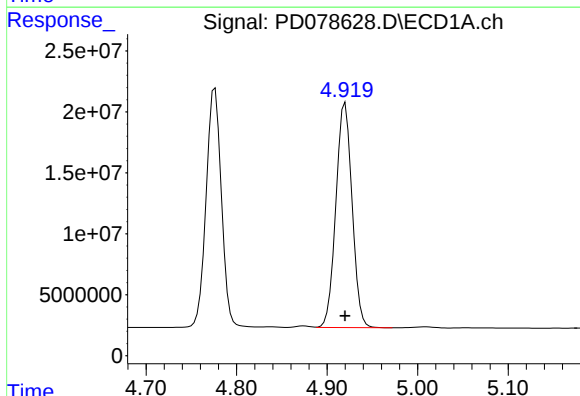
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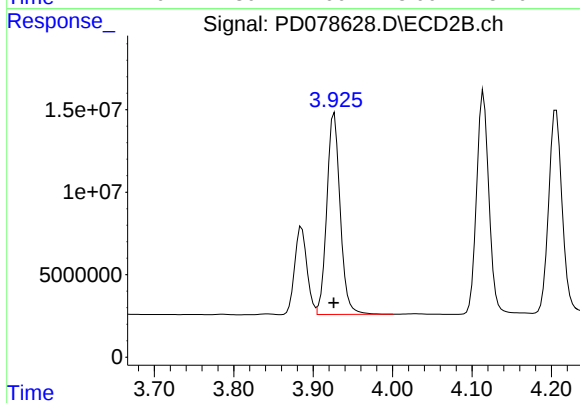
#3 gamma-BHC (Lindane)

R.T.: 3.588 min  
Delta R.T.: 0.000 min  
Response: 146375819  
Conc: 50.52 ng/ml



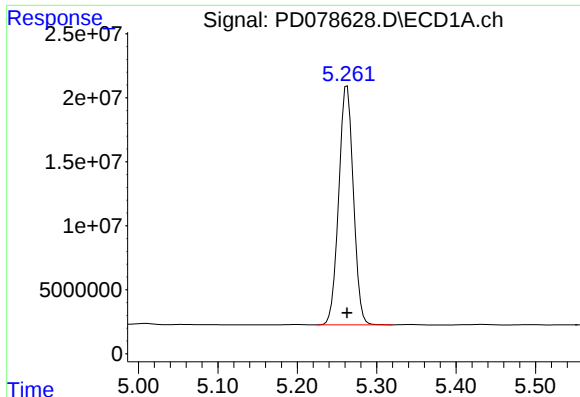
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 228950766  
Conc: 48.70 ng/ml



#4 Heptachlor

R.T.: 3.927 min  
Delta R.T.: 0.000 min  
Response: 142654533  
Conc: 48.35 ng/ml



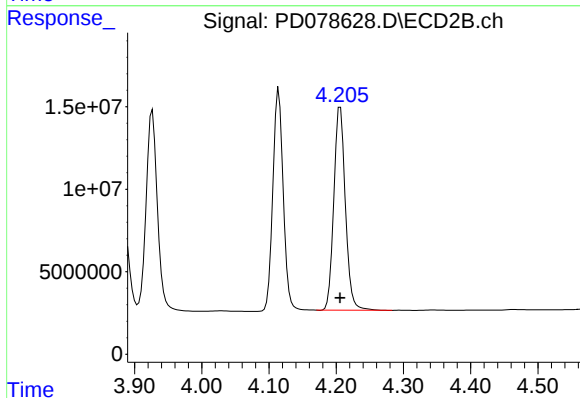
#5 Aldrin

R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 239293775  
Conc: 49.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B6A-0-7.5MSD

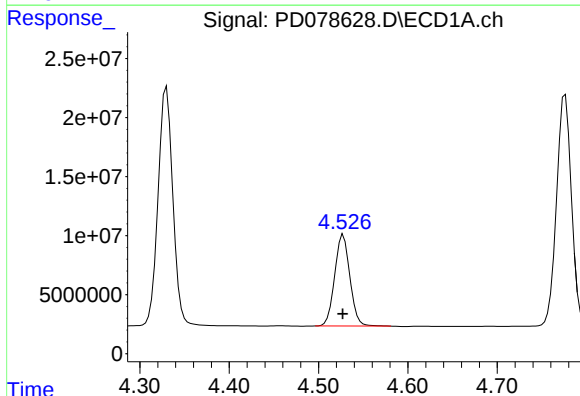
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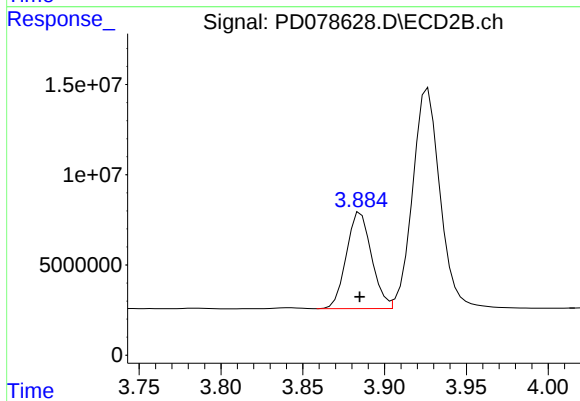
#5 Aldrin

R.T.: 4.206 min  
Delta R.T.: 0.000 min  
Response: 146082896  
Conc: 49.24 ng/ml



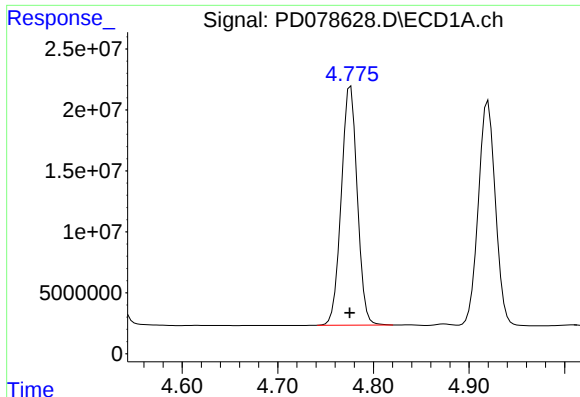
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 91600534  
Conc: 49.32 ng/ml



#6 beta-BHC

R.T.: 3.885 min  
Delta R.T.: 0.000 min  
Response: 57044881  
Conc: 49.36 ng/ml



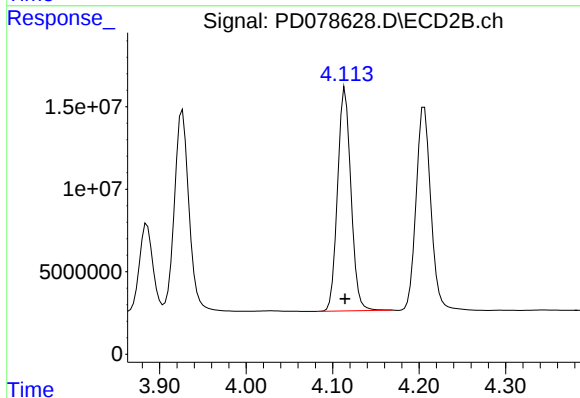
#7 delta-BHC

R.T.: 4.776 min  
Delta R.T.: 0.000 min  
Response: 228572529  
Conc: 50.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B6A-0-7.5MSD

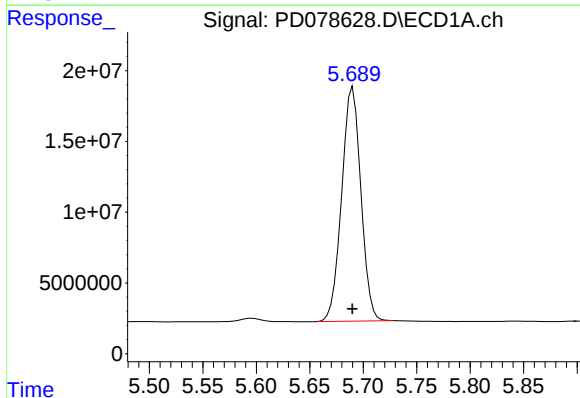
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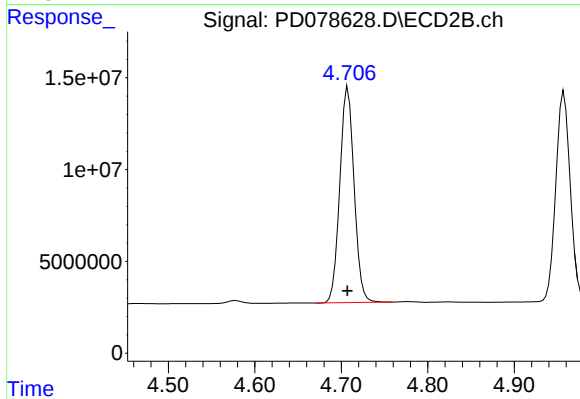
#7 delta-BHC

R.T.: 4.115 min  
Delta R.T.: 0.000 min  
Response: 144685443  
Conc: 50.57 ng/ml



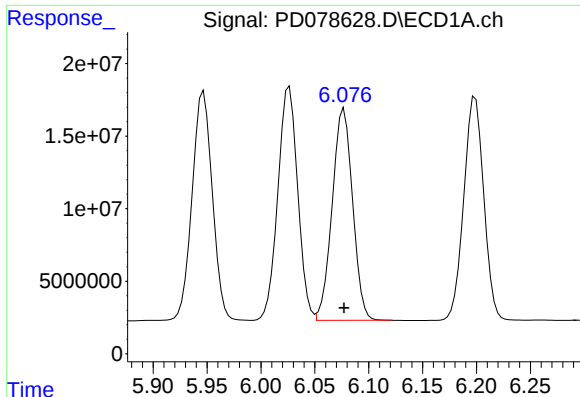
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 206956386  
Conc: 49.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min  
Delta R.T.: 0.000 min  
Response: 134089418  
Conc: 49.61 ng/ml



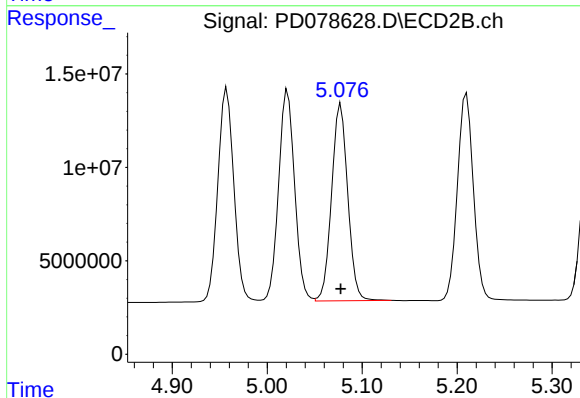
#9 Endosulfan I

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 192369736  
Conc: 49.24 ng/ml

Instrument :  
ECD\_D  
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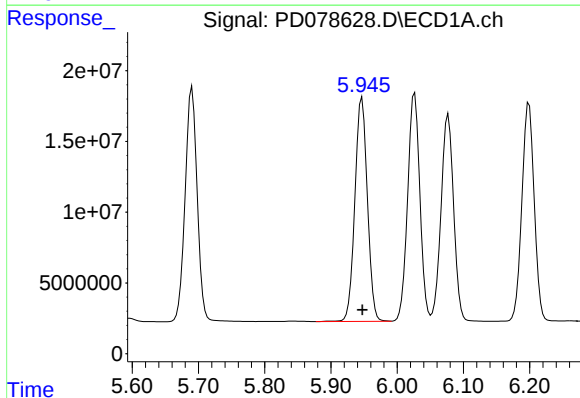
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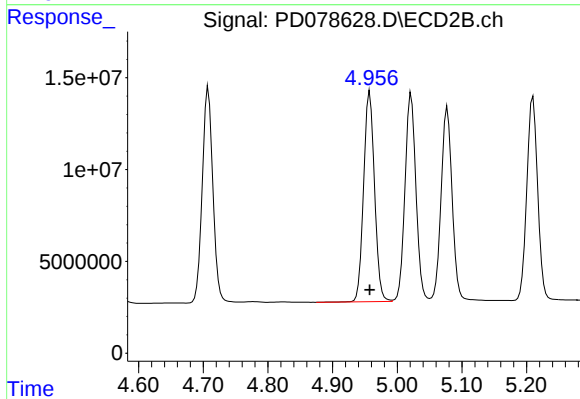
#9 Endosulfan I

R.T.: 5.078 min  
Delta R.T.: 0.000 min  
Response: 124532301  
Conc: 49.52 ng/ml



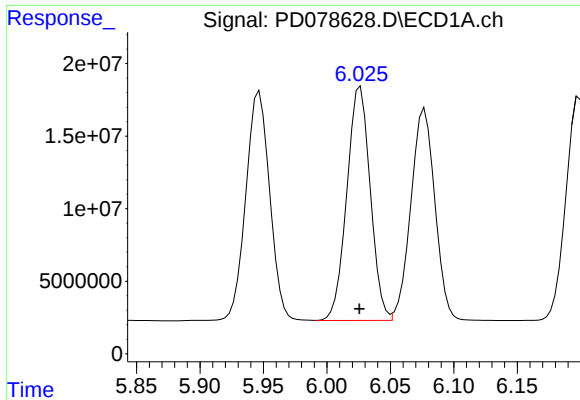
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 207578713  
Conc: 49.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 133850314  
Conc: 49.81 ng/ml



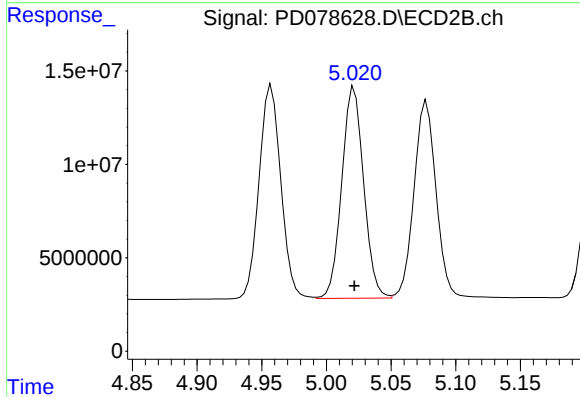
#11 alpha-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 207210003  
Conc: 49.18 ng/ml

Instrument :  
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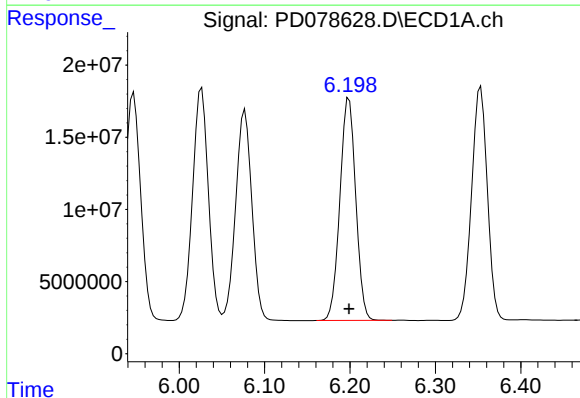
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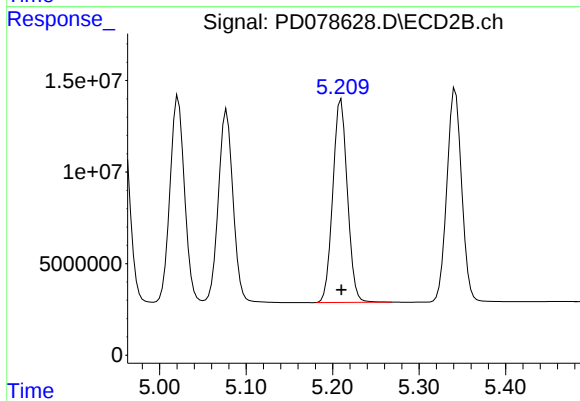
#11 alpha-Chlordane

R.T.: 5.022 min  
Delta R.T.: 0.000 min  
Response: 132799929  
Conc: 49.46 ng/ml



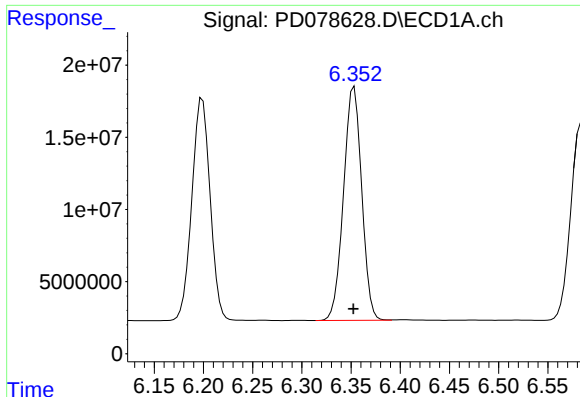
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 198983916  
Conc: 49.71 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 129537645  
Conc: 50.91 ng/ml



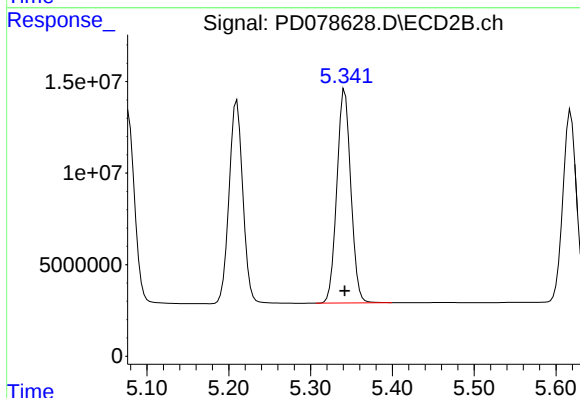
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 208124724  
Conc: 49.61 ng/ml

Instrument :  
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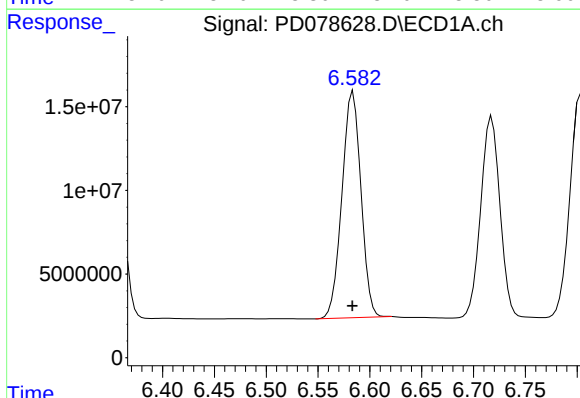
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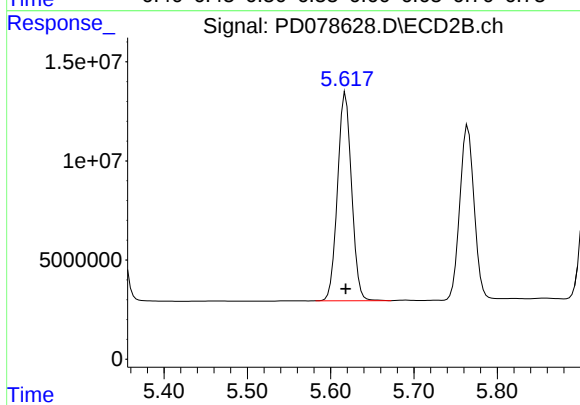
#13 Dieldrin

R.T.: 5.342 min  
Delta R.T.: 0.000 min  
Response: 138191555  
Conc: 49.50 ng/ml



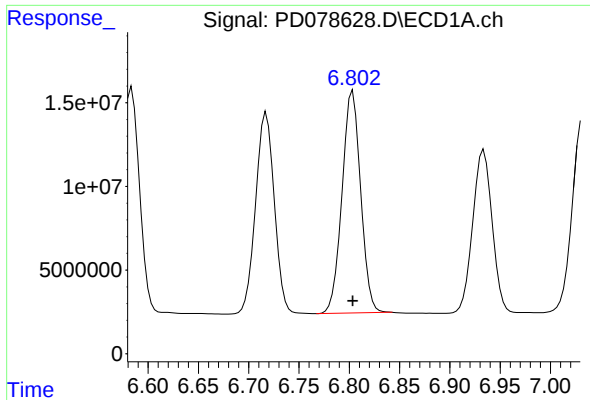
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 172759615  
Conc: 51.44 ng/ml



#14 Endrin

R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 123116769  
Conc: 49.76 ng/ml



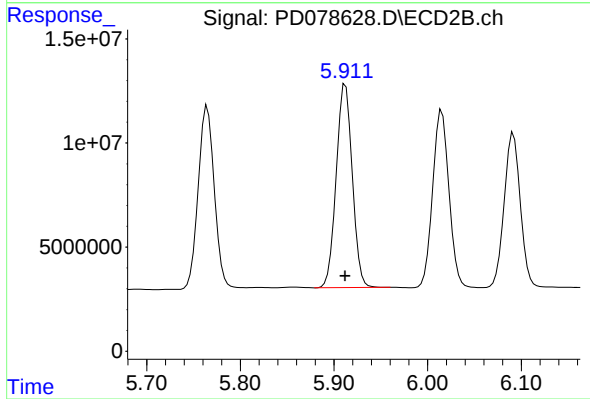
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: 0.000 min  
Response: 170515819  
Conc: 47.37 ng/ml

Instrument :  
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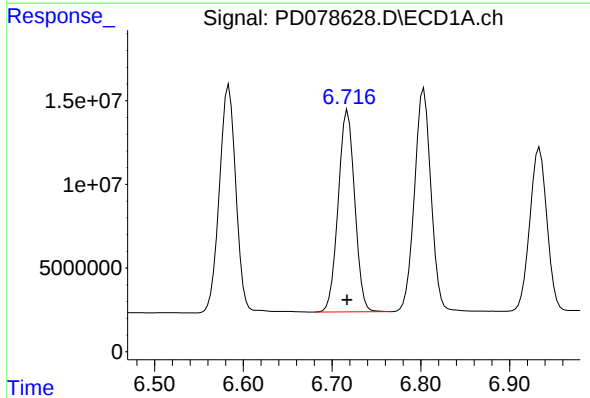
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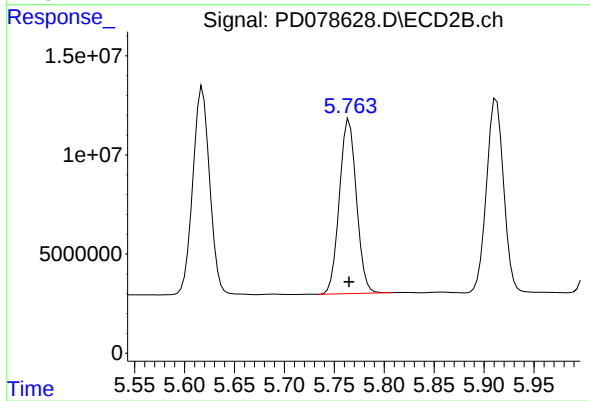
#15 Endosulfan II

R.T.: 5.912 min  
Delta R.T.: 0.000 min  
Response: 116721897  
Conc: 49.03 ng/ml



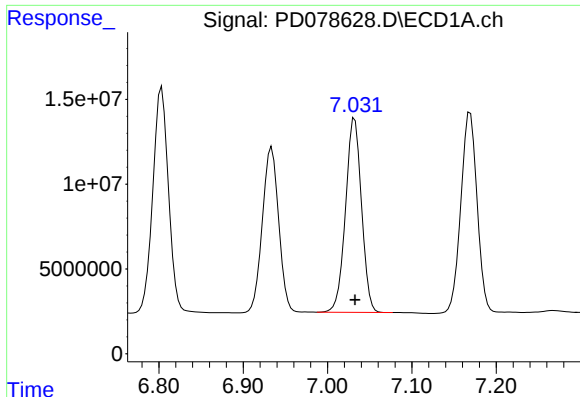
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 155772313  
Conc: 52.35 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min  
Delta R.T.: 0.000 min  
Response: 104475000  
Conc: 52.80 ng/ml



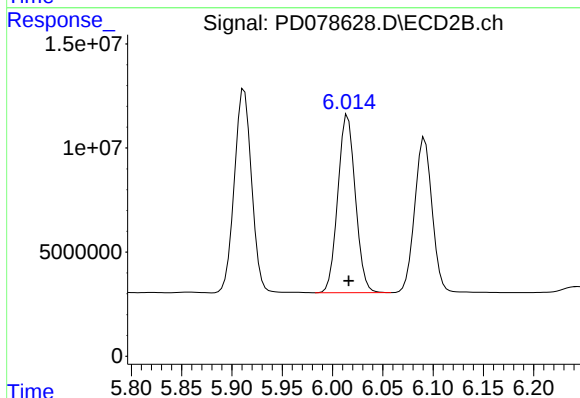
#17 4,4'-DDT

R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 150759377  
Conc: 50.94 ng/ml

Instrument :  
ECD\_D  
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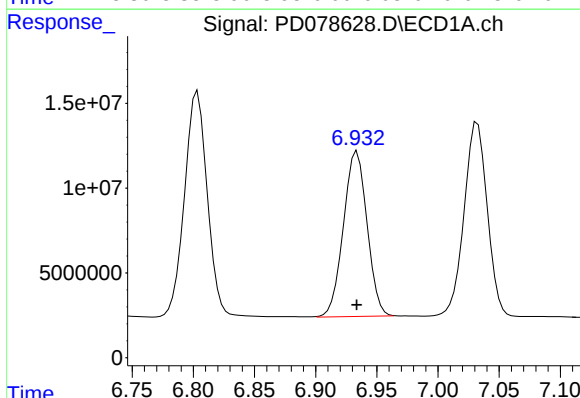
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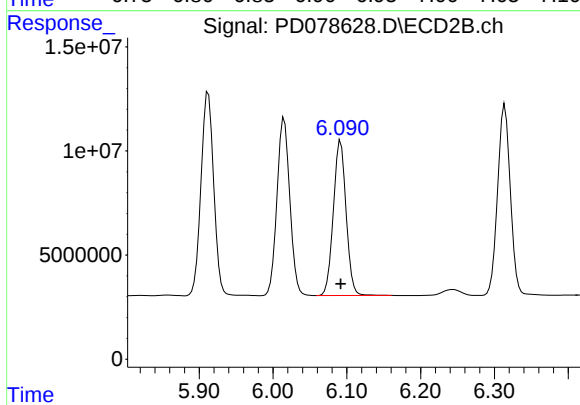
#17 4,4'-DDT

R.T.: 6.015 min  
Delta R.T.: 0.000 min  
Response: 103437505  
Conc: 50.82 ng/ml



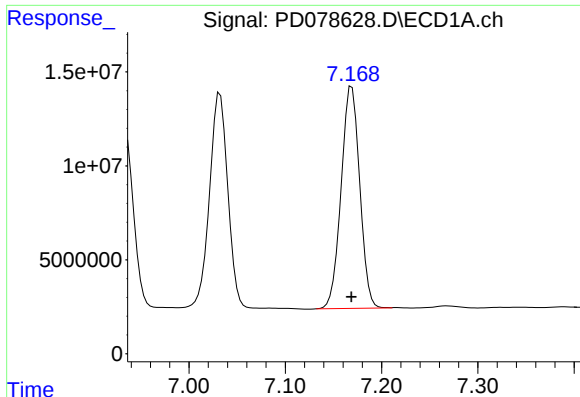
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: -0.001 min  
Response: 130864719  
Conc: 48.98 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min  
Delta R.T.: 0.000 min  
Response: 89539256  
Conc: 48.30 ng/ml



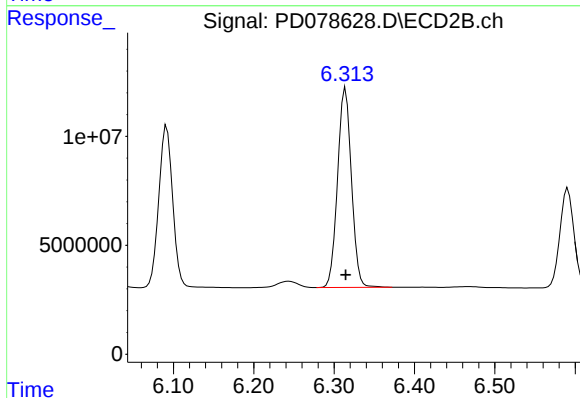
#19 Endosulfan Sulfate

R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 158111526  
Conc: 49.21 ng/ml

Instrument :  
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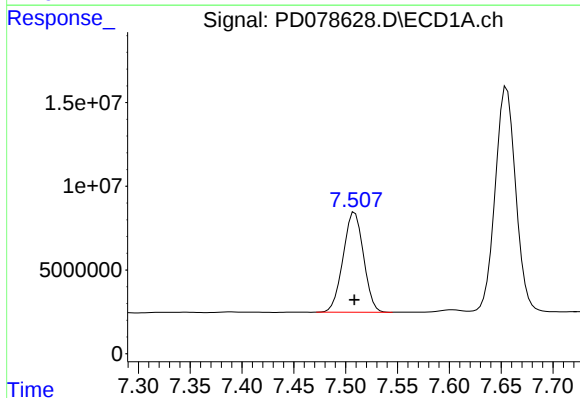
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/04/2023  
Supervised By :Ankita Jodhani 10/04/2023



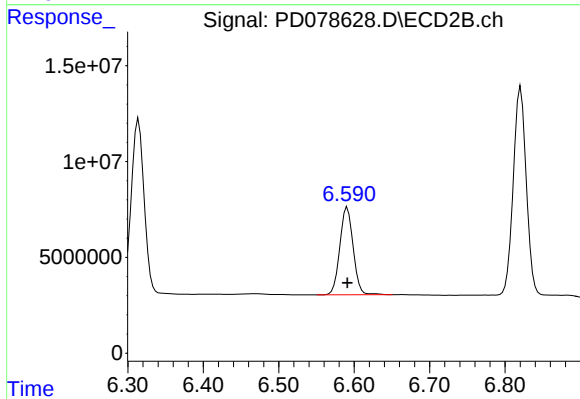
#19 Endosulfan Sulfate

R.T.: 6.314 min  
Delta R.T.: 0.000 min  
Response: 109895921  
Conc: 49.53 ng/ml



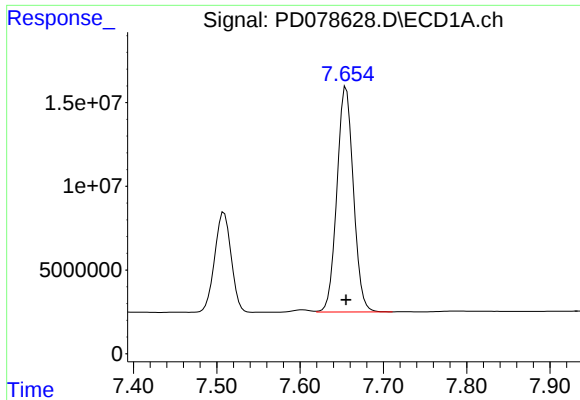
#20 Methoxychlor

R.T.: 7.509 min  
Delta R.T.: 0.000 min  
Response: 81947942  
Conc: 49.10 ng/ml



#20 Methoxychlor

R.T.: 6.591 min  
Delta R.T.: 0.000 min  
Response: 56288715  
Conc: 51.59 ng/ml



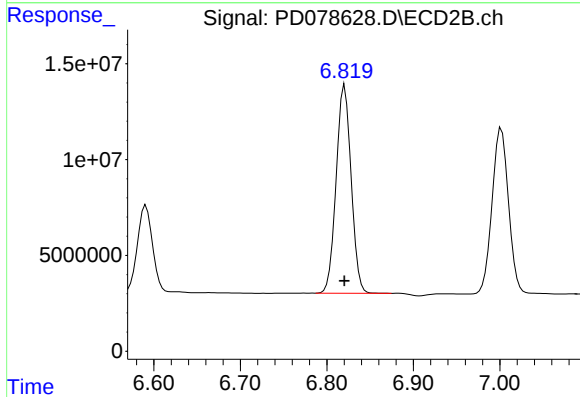
#21 Endrin ketone

R.T.: 7.655 min  
Delta R.T.: 0.000 min  
Response: 184943459  
Conc: 51.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B6A-0-7.5MSD

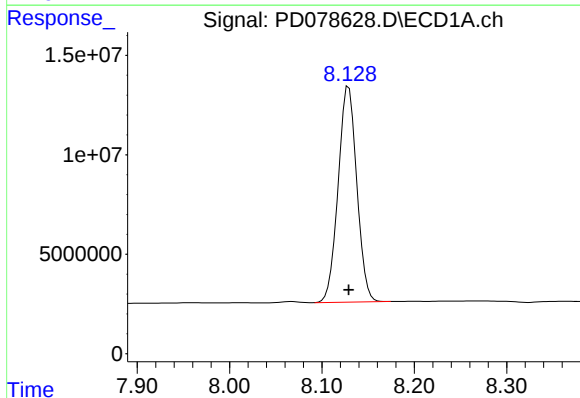
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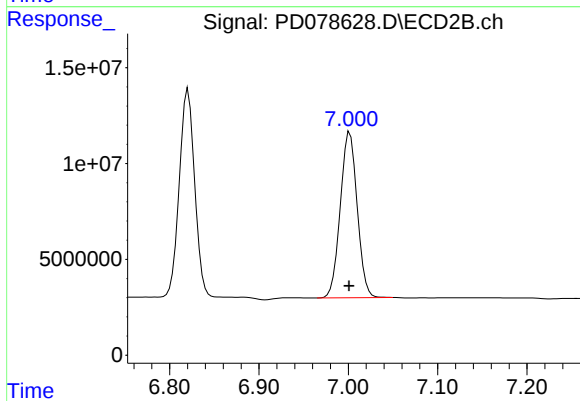
#21 Endrin ketone

R.T.: 6.821 min  
Delta R.T.: 0.000 min  
Response: 129831052  
Conc: 49.47 ng/ml



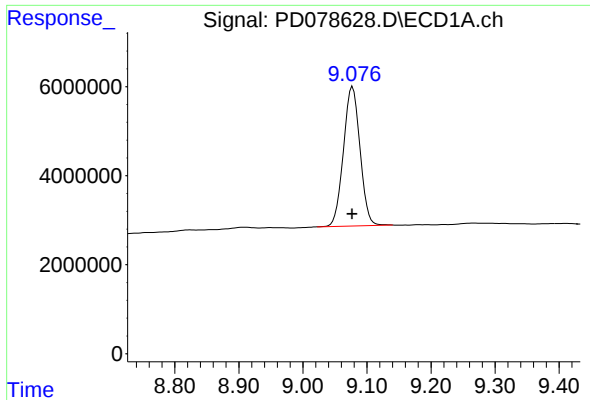
#22 Mirex

R.T.: 8.129 min  
Delta R.T.: 0.000 min  
Response: 152343827  
Conc: 57.04 ng/ml



#22 Mirex

R.T.: 7.002 min  
Delta R.T.: 0.001 min  
Response: 113610492  
Conc: 55.75 ng/ml



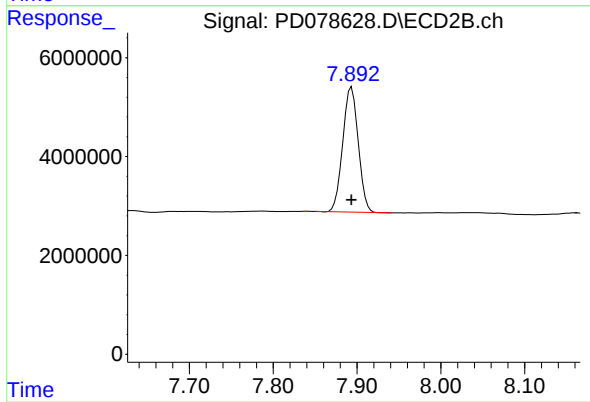
#28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.000 min  
Response: 56151006  
Conc: 15.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B6A-0-7.5MSD

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#28 Decachlorobiphenyl

R.T.: 7.894 min  
Delta R.T.: 0.000 min  
Response: 32422722  
Conc: 14.29 ng/ml