

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033021\  
 Data File : PD061869.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Mar 2021 13:44  
 Operator : AR\AJ  
 Sample : M1828-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 FS-SB13(25-26)MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 04:17:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|----------|
| -----                       |                 |       |       |          |         |         |          |
| System Monitoring Compounds |                 |       |       |          |         |         |          |
| 1)                          | SA Tetrachlo... | 3.485 | 3.980 | 18977059 | 230.4E6 | 22.665  | 26.518   |
| 28)                         | SA Decachlor... | 8.255 | 9.035 | 24002441 | 143.3E6 | 19.507  | 15.184m  |
| Target Compounds            |                 |       |       |          |         |         |          |
| 2)                          | A alpha-BHC     | 3.924 | 4.370 | 59595604 | 601.0E6 | 47.185  | 44.681   |
| 3)                          | MA gamma-BHC... | 4.209 | 4.654 | 58240041 | 556.9E6 | 49.054  | 44.645   |
| 4)                          | MA Heptachlor   | 4.512 | 5.162 | 63723626 | 618.9E6 | 54.737  | 47.494   |
| 5)                          | MB Aldrin       | 4.762 | 5.466 | 59868072 | 556.0E6 | 49.884  | 44.683   |
| 6)                          | B beta-BHC      | 4.459 | 4.823 | 27415355 | 254.1E6 | 50.274  | 49.200   |
| 7)                          | B delta-BHC     | 4.665 | 5.040 | 16596406 | 181.0E6 | 13.662  | 13.687   |
| 8)                          | B Heptachlo...  | 5.206 | 5.852 | 52145095 | 326.5E6 | 45.488  | 27.574 # |
| 9)                          | A Endosulfan I  | 5.546 | 6.208 | 50796191 | 420.7E6 | 46.258  | 38.805   |
| 10)                         | B gamma-Chl...  | 5.432 | 6.086 | 53640534 | 454.2E6 | 45.794m | 38.313   |
| 11)                         | B alpha-Chl...  | 5.492 | 6.158 | 52615633 | 442.2E6 | 45.280  | 38.786   |
| 12)                         | B 4,4'-DDE      | 5.655 | 6.315 | 53924854 | 471.3E6 | 47.990  | 40.894   |
| 13)                         | MA Dieldrin     | 5.790 | 6.465 | 55544105 | 476.3E6 | 48.053  | 41.261   |
| 14)                         | MA Endrin       | 6.048 | 6.683 | 51754696 | 411.4E6 | 50.369  | 41.567   |
| 15)                         | B Endosulfa...  | 6.322 | 6.892 | 42387514 | 445.9E6 | 41.358  | 46.968   |
| 16)                         | A 4,4'-DDD      | 6.172 | 6.804 | 40839681 | 388.0E6 | 43.884  | 40.981   |
| 17)                         | MA 4,4'-DDT     | 6.414 | 7.103 | 42238279 | 393.7E6 | 46.894  | 41.215   |
| 18)                         | B Endrin al...  | 6.491 | 7.015 | 41245651 | 264.4E6 | 48.277  | 33.618m# |
| 19)                         | B Endosulfa...  | 6.704 | 7.237 | 41023580 | 347.0E6 | 38.019  | 34.627m  |
| 20)                         | A Methoxychlor  | 6.961 | 7.560 | 24928430 | 207.3E6 | 52.759  | 45.995   |
| 21)                         | B Endrin ke...  | 7.198 | 7.709 | 54634582 | 441.3E6 | 42.809  | 43.507   |
| 22)                         | Mirex           | 7.389 | 8.164 | 42606756 | 256.8E6 | 50.940  | 39.846   |
| -----                       |                 |       |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033021\  
 Data File : PD061869.D  
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 Acq On : 30 Mar 2021 13:44  
 Operator : AR\AJ  
 Sample : M1828-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

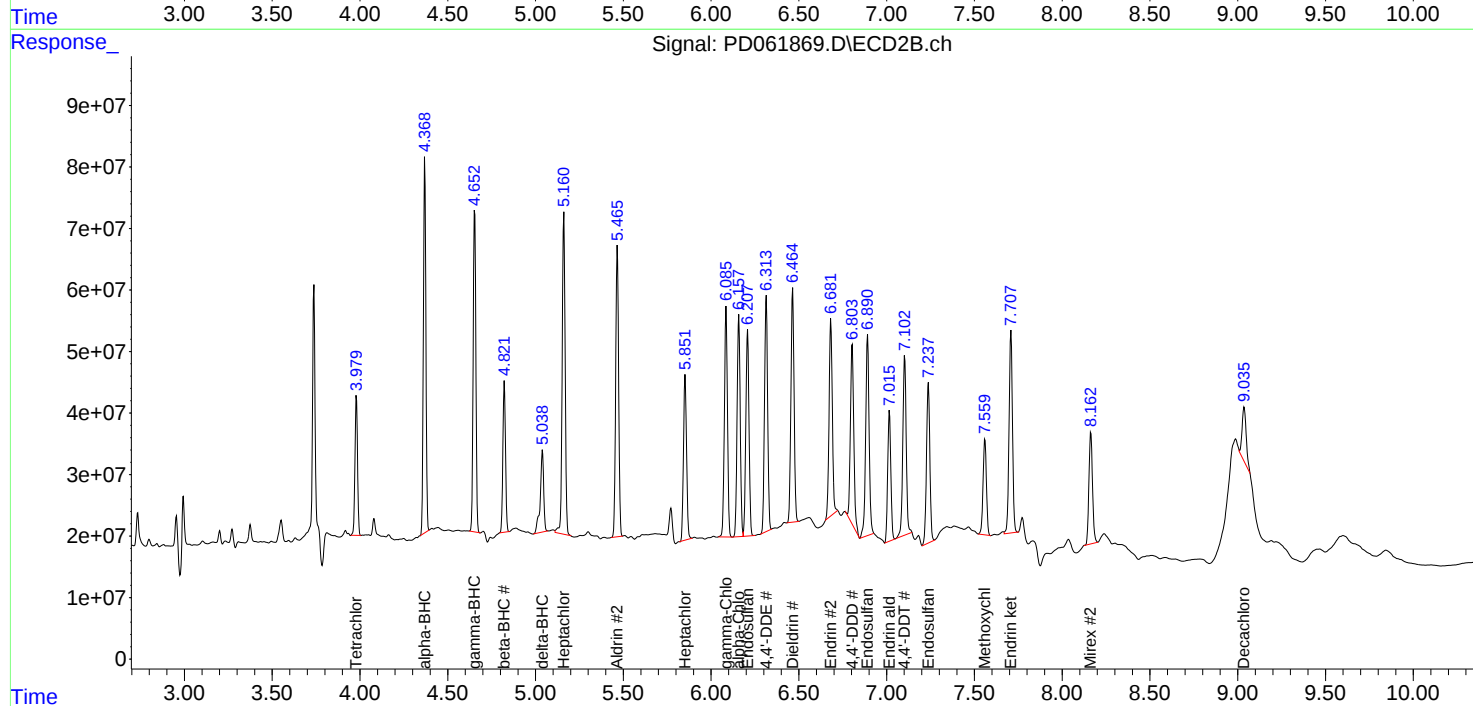
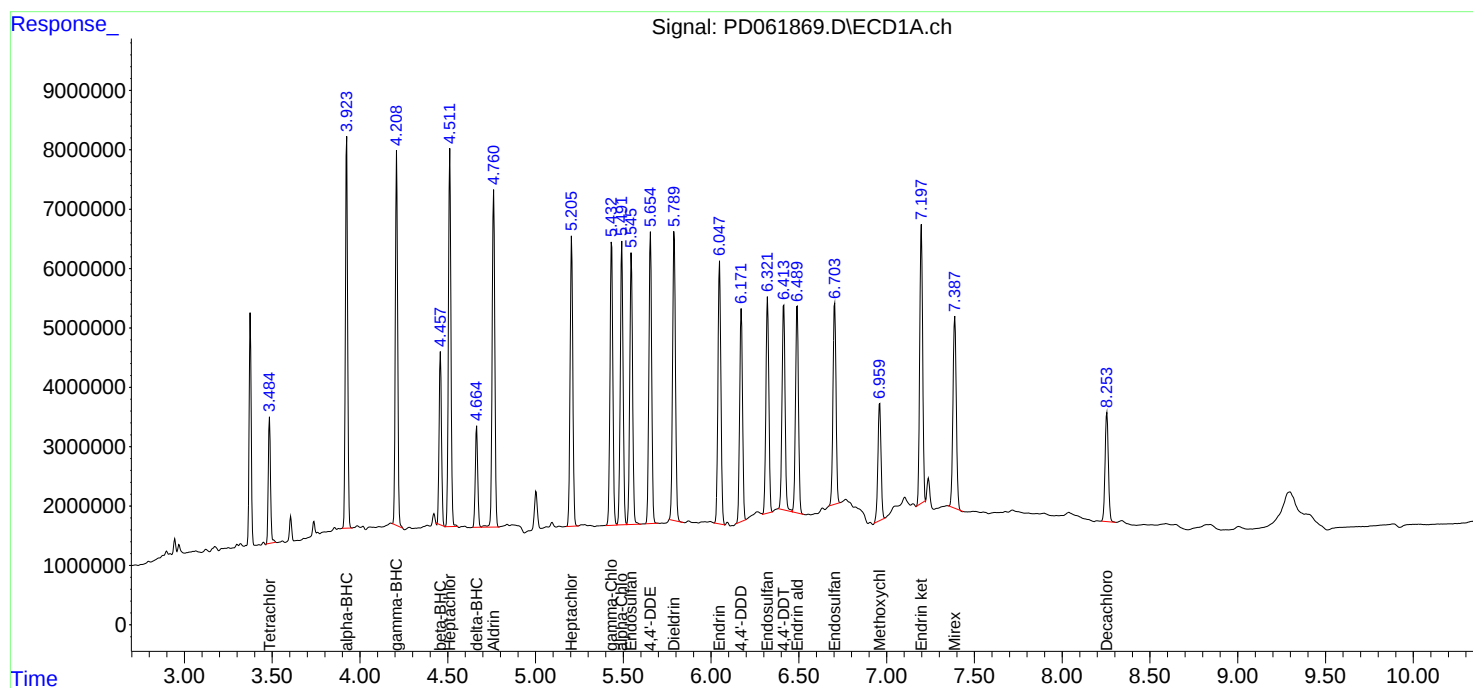
Instrument :  
 ECD\_D  
 ClientSampleId :  
 FS-SB13(25-26)MS

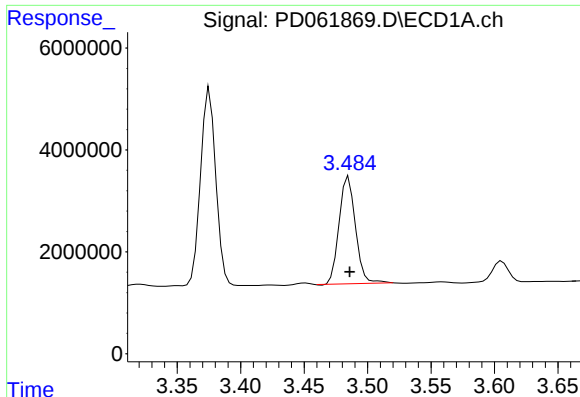
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 04:17:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
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Volume Inj. : 2 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 x 0.50µm





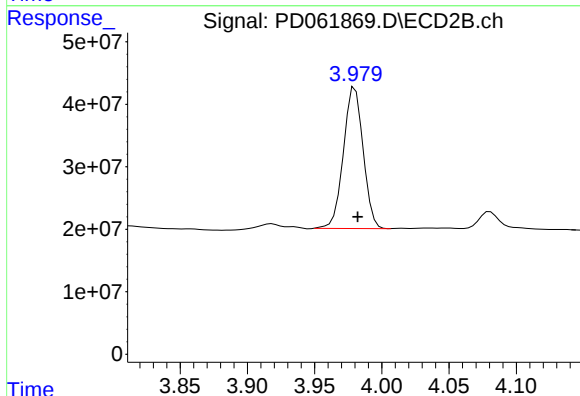
#1 Tetrachloro-m-xylene

R.T.: 3.485 min  
Delta R.T.: 0.000 min  
Response: 18977059  
Conc: 22.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

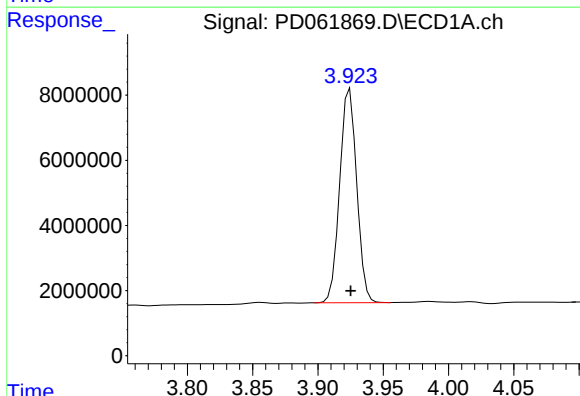
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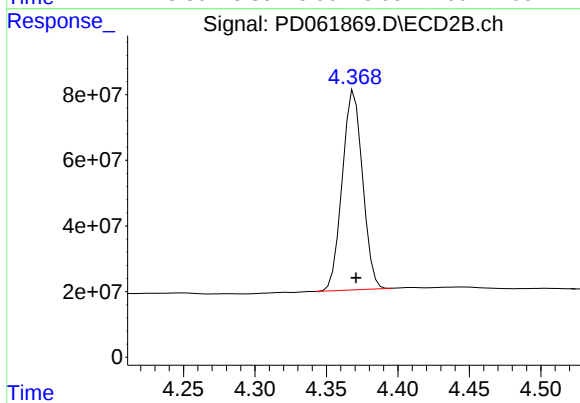
#1 Tetrachloro-m-xylene

R.T.: 3.980 min  
Delta R.T.: -0.002 min  
Response: 230412258  
Conc: 26.52 ng/ml



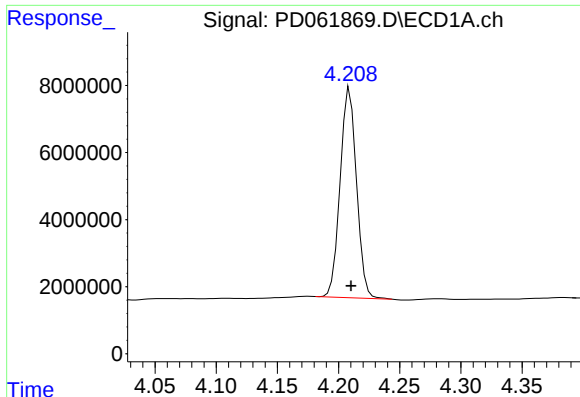
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: 0.000 min  
Response: 59595604  
Conc: 47.19 ng/ml



#2 alpha-BHC

R.T.: 4.370 min  
Delta R.T.: -0.001 min  
Response: 600987609  
Conc: 44.68 ng/ml



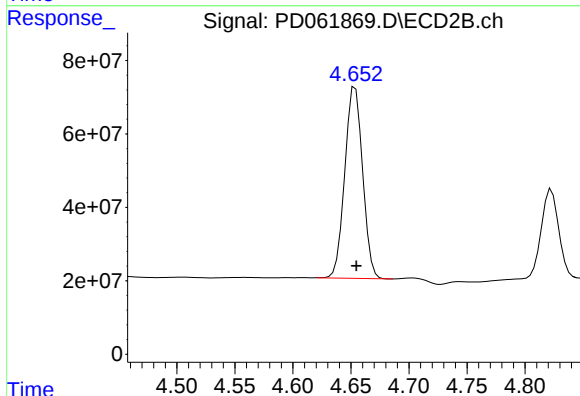
#3 gamma-BHC (Lindane)

R.T.: 4.209 min  
Delta R.T.: 0.000 min  
Response: 58240041  
Conc: 49.05 ng/ml

Instrument :  
ECD\_D  
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FS-SB13(25-26)MS

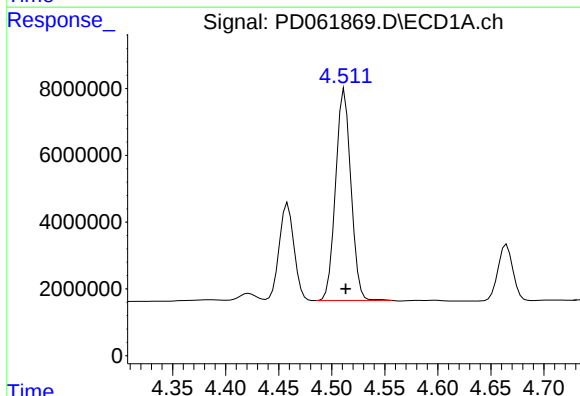
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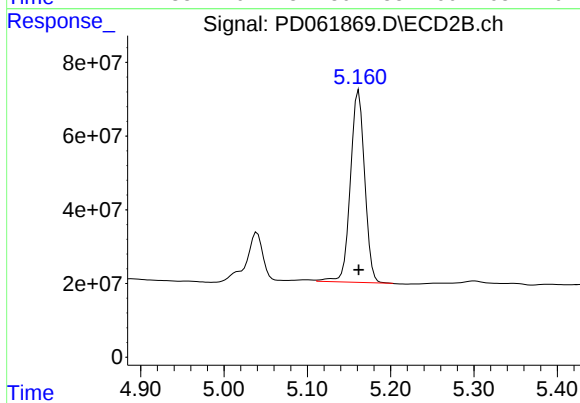
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: -0.001 min  
Response: 556893355  
Conc: 44.64 ng/ml



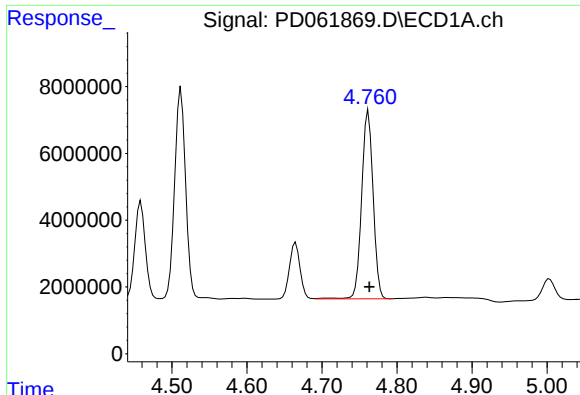
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: -0.001 min  
Response: 63723626  
Conc: 54.74 ng/ml



#4 Heptachlor

R.T.: 5.162 min  
Delta R.T.: 0.000 min  
Response: 618919857  
Conc: 47.49 ng/ml



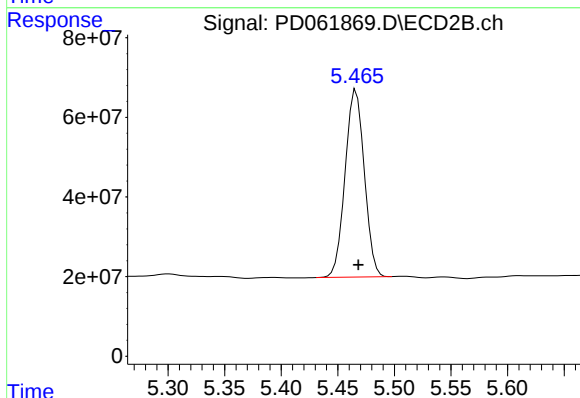
#5 Aldrin

R.T.: 4.762 min  
Delta R.T.: -0.001 min  
Response: 59868072  
Conc: 49.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

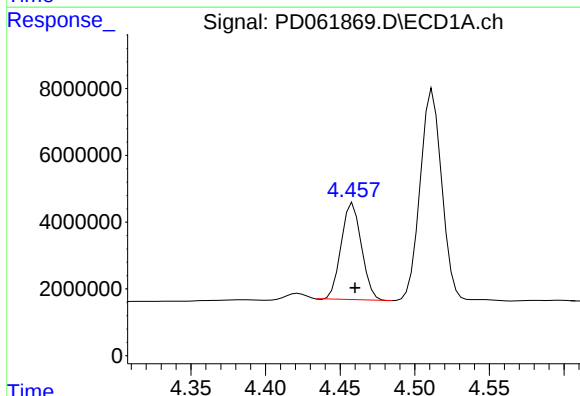
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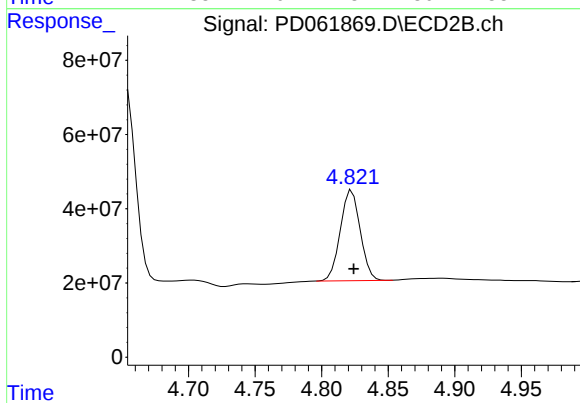
#5 Aldrin

R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 556046371  
Conc: 44.68 ng/ml



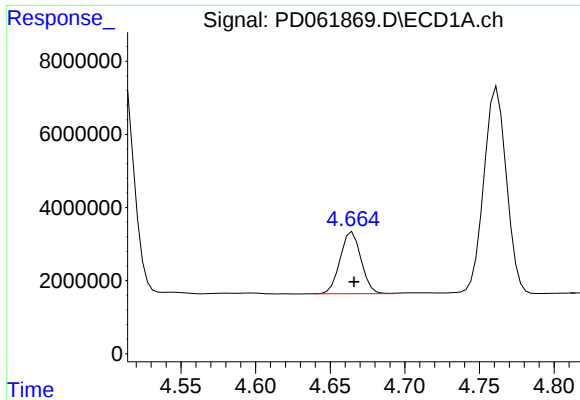
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: -0.001 min  
Response: 27415355  
Conc: 50.27 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: -0.001 min  
Response: 254123319  
Conc: 49.20 ng/ml



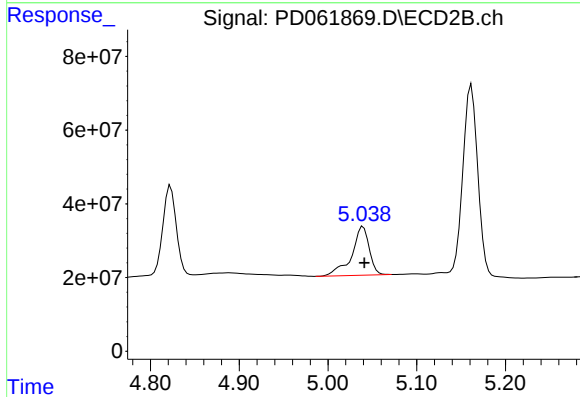
#7 delta-BHC

R.T.: 4.665 min  
Delta R.T.: -0.001 min  
Response: 16596406  
Conc: 13.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

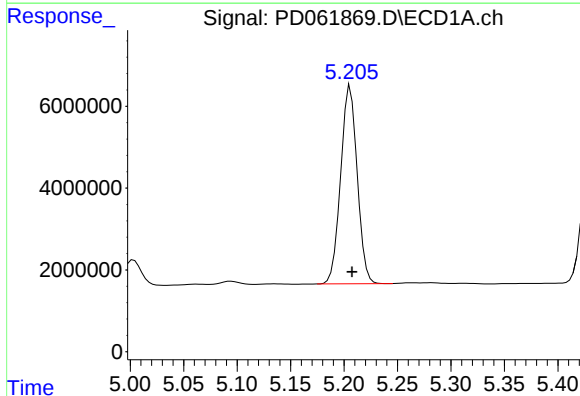
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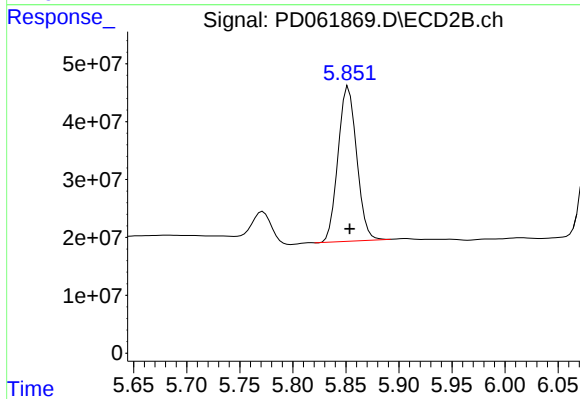
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: -0.001 min  
Response: 181040269  
Conc: 13.69 ng/ml



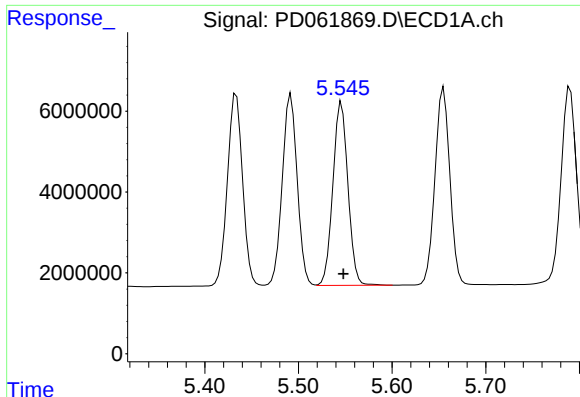
#8 Heptachlor epoxide

R.T.: 5.206 min  
Delta R.T.: -0.002 min  
Response: 52145095  
Conc: 45.49 ng/ml



#8 Heptachlor epoxide

R.T.: 5.852 min  
Delta R.T.: -0.001 min  
Response: 326501156  
Conc: 27.57 ng/ml



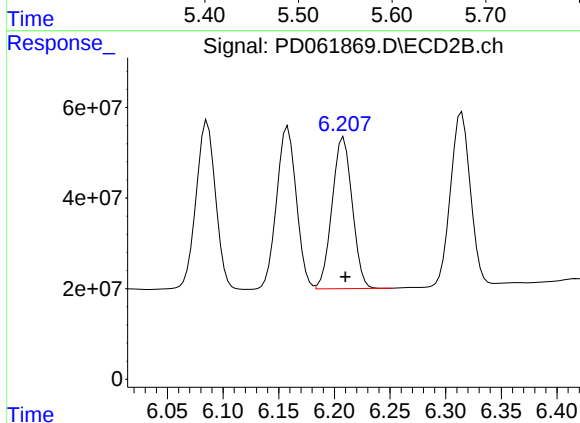
#9 Endosulfan I

R.T.: 5.546 min  
Delta R.T.: -0.002 min  
Response: 50796191  
Conc: 46.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

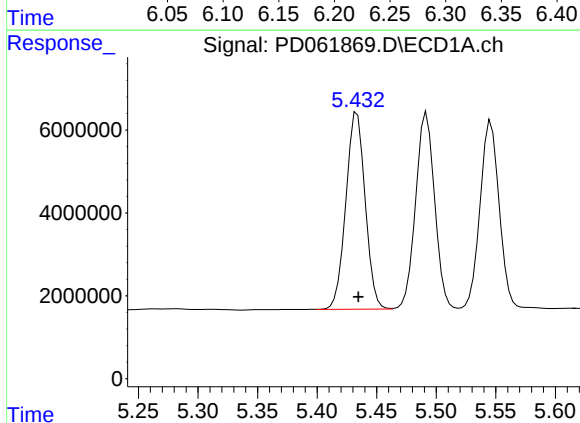
Manual Integrations  
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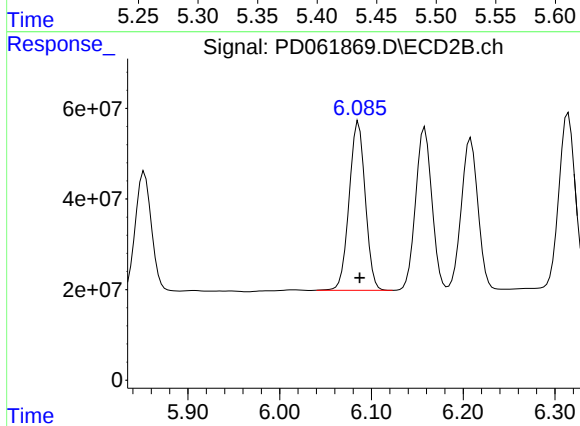
#9 Endosulfan I

R.T.: 6.208 min  
Delta R.T.: -0.002 min  
Response: 420654247  
Conc: 38.81 ng/ml



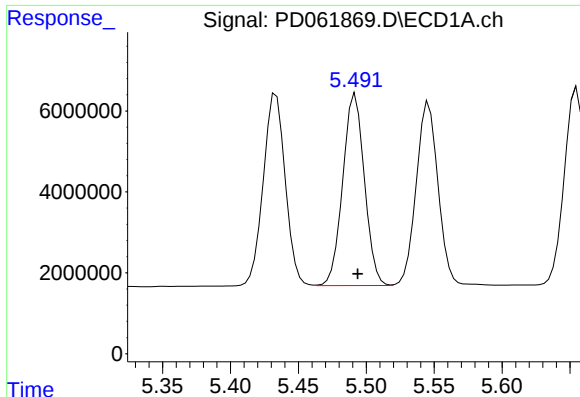
#10 gamma-Chlordane

R.T.: 5.432 min  
Delta R.T.: -0.003 min  
Response: 53640534  
Conc: 45.79 ng/ml m



#10 gamma-Chlordane

R.T.: 6.086 min  
Delta R.T.: -0.002 min  
Response: 454204616  
Conc: 38.31 ng/ml



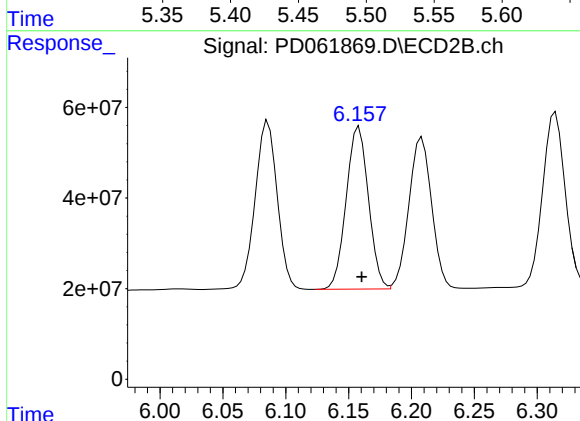
#11 alpha-Chlordane

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 52615633  
Conc: 45.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

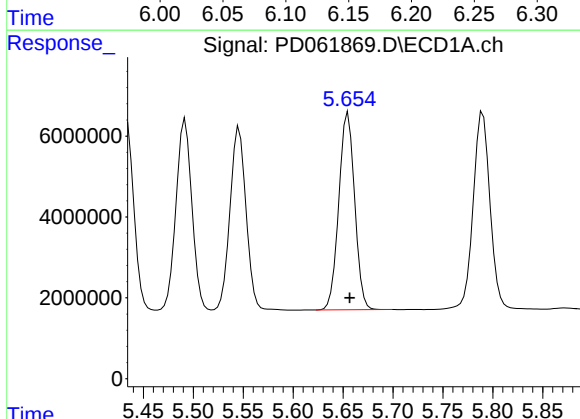
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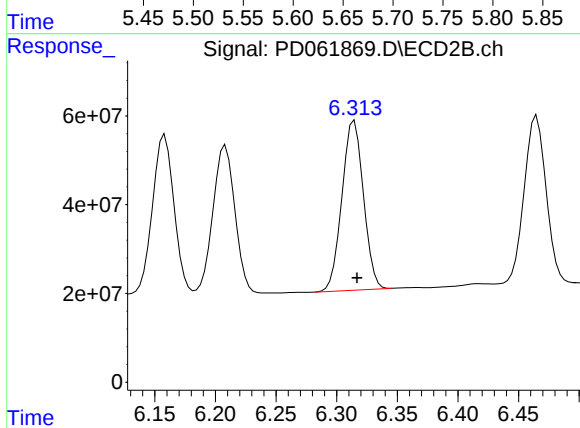
#11 alpha-Chlordane

R.T.: 6.158 min  
Delta R.T.: -0.002 min  
Response: 442159329  
Conc: 38.79 ng/ml



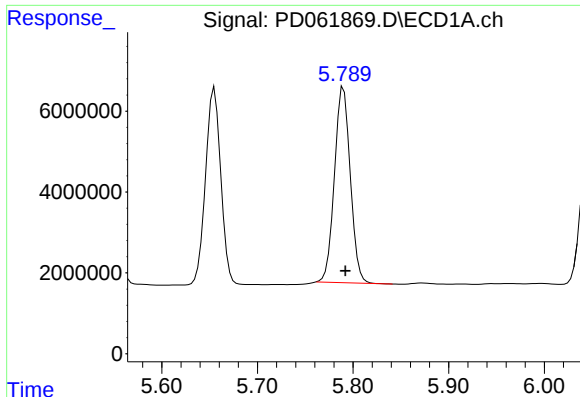
#12 4,4'-DDE

R.T.: 5.655 min  
Delta R.T.: -0.002 min  
Response: 53924854  
Conc: 47.99 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: -0.002 min  
Response: 471262580  
Conc: 40.89 ng/ml



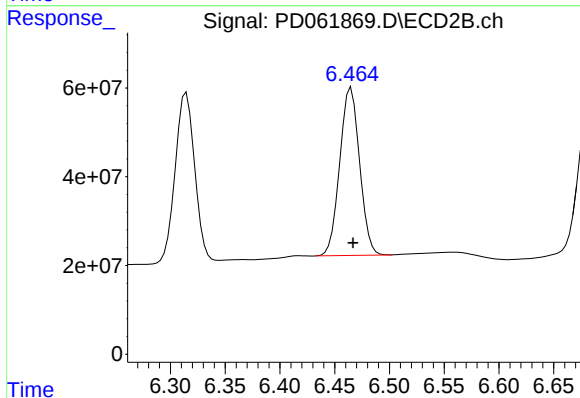
#13 Dieldrin

R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 55544105  
Conc: 48.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

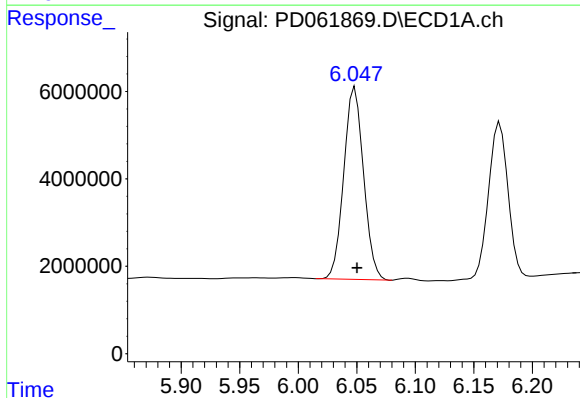
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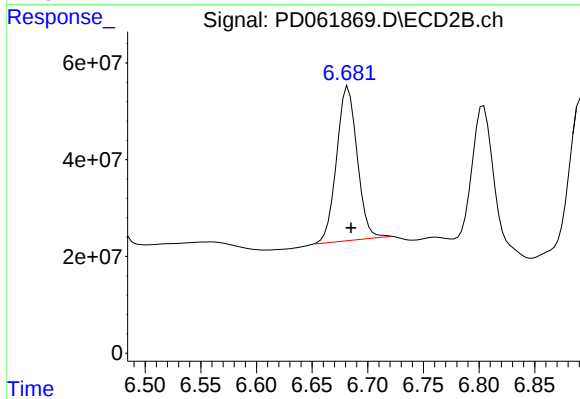
#13 Dieldrin

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 476262551  
Conc: 41.26 ng/ml



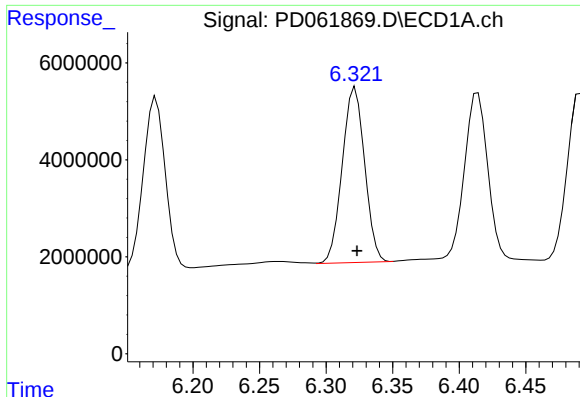
#14 Endrin

R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 51754696  
Conc: 50.37 ng/ml



#14 Endrin

R.T.: 6.683 min  
Delta R.T.: -0.002 min  
Response: 411359300  
Conc: 41.57 ng/ml



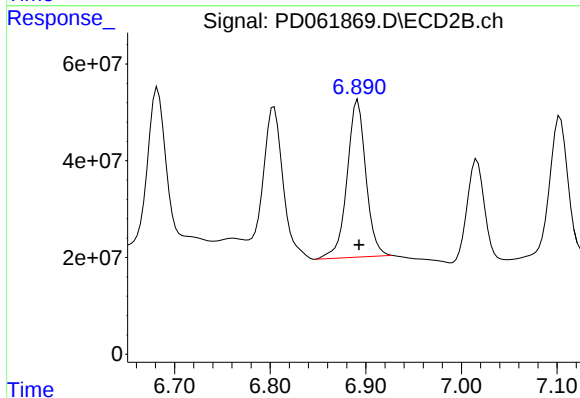
#15 Endosulfan II

R.T.: 6.322 min  
Delta R.T.: -0.001 min  
Response: 42387514  
Conc: 41.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

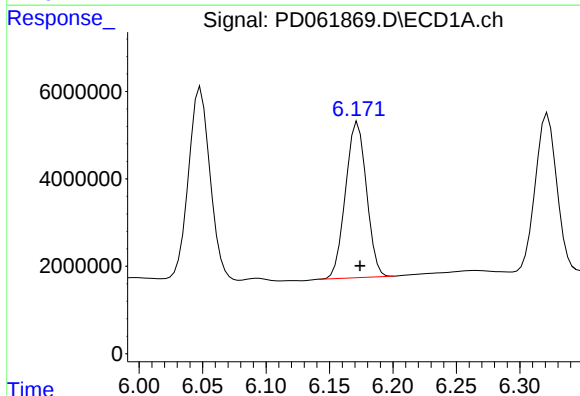
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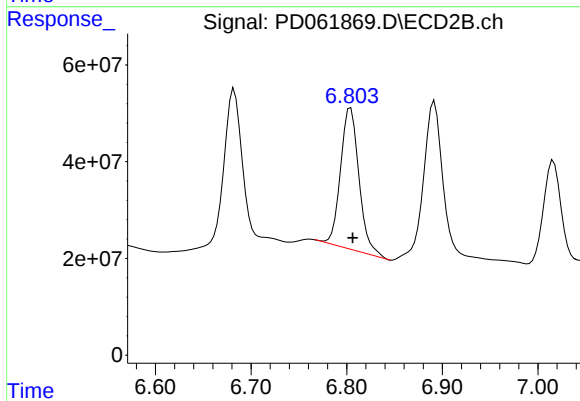
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: -0.001 min  
Response: 445946767  
Conc: 46.97 ng/ml



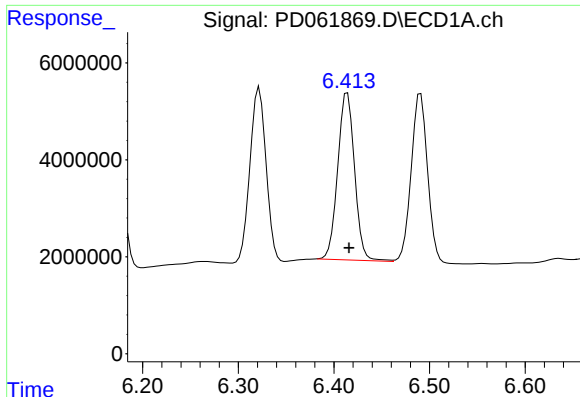
#16 4,4'-DDD

R.T.: 6.172 min  
Delta R.T.: -0.002 min  
Response: 40839681  
Conc: 43.88 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min  
Delta R.T.: -0.002 min  
Response: 388036876  
Conc: 40.98 ng/ml



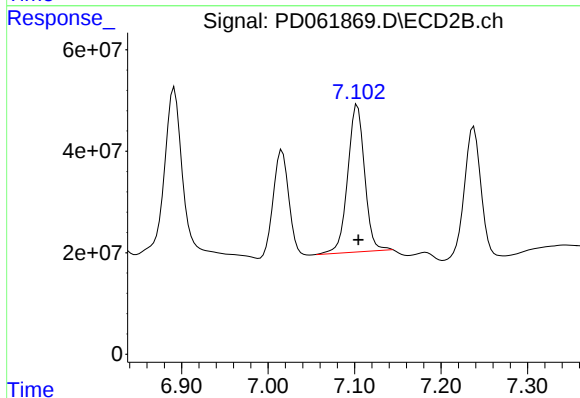
#17 4,4'-DDT

R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 42238279  
Conc: 46.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

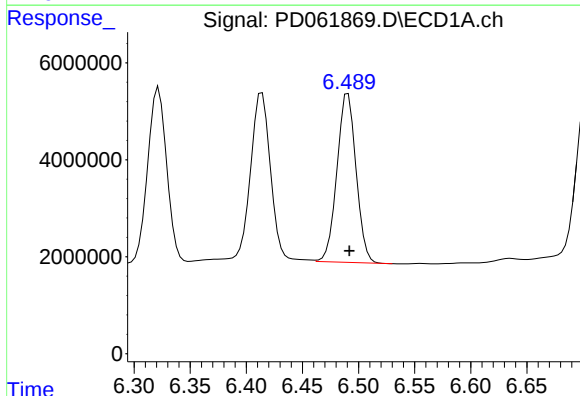
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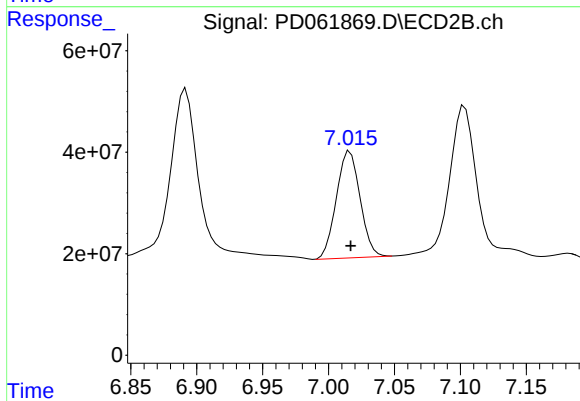
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: -0.001 min  
Response: 393668091  
Conc: 41.21 ng/ml



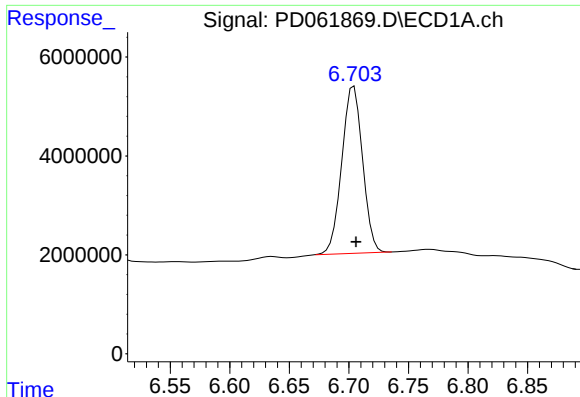
#18 Endrin aldehyde

R.T.: 6.491 min  
Delta R.T.: -0.001 min  
Response: 41245651  
Conc: 48.28 ng/ml



#18 Endrin aldehyde

R.T.: 7.015 min  
Delta R.T.: -0.002 min  
Response: 264377830  
Conc: 33.62 ng/ml m



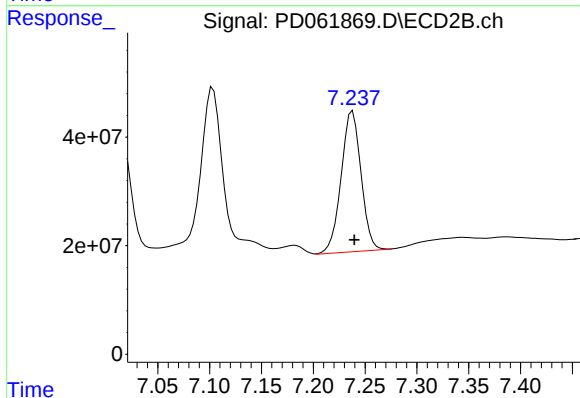
#19 Endosulfan Sulfate

R.T.: 6.704 min  
Delta R.T.: -0.002 min  
Response: 41023580  
Conc: 38.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

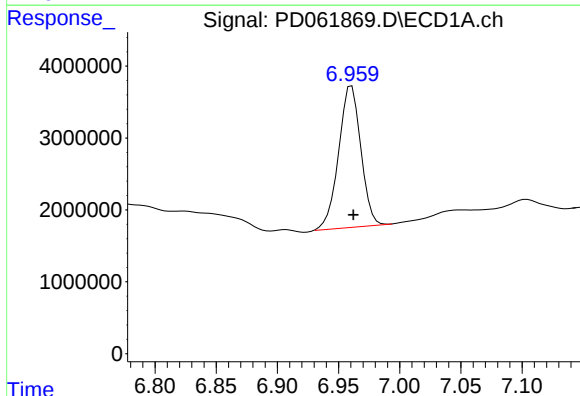
Manual Integrations  
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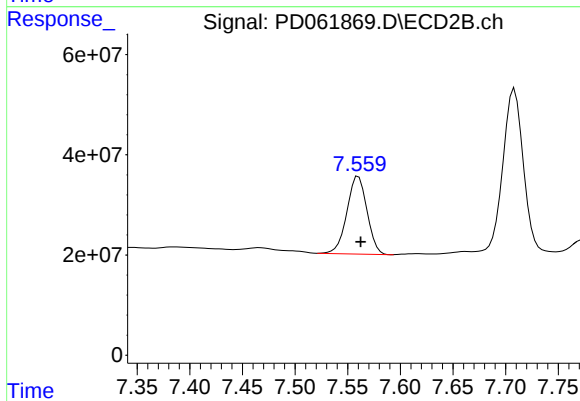
#19 Endosulfan Sulfate

R.T.: 7.237 min  
Delta R.T.: -0.003 min  
Response: 347041593  
Conc: 34.63 ng/ml m



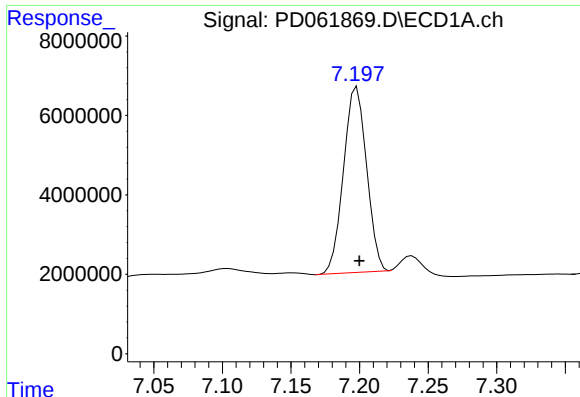
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: -0.002 min  
Response: 24928430  
Conc: 52.76 ng/ml



#20 Methoxychlor

R.T.: 7.560 min  
Delta R.T.: -0.002 min  
Response: 207340609  
Conc: 45.99 ng/ml



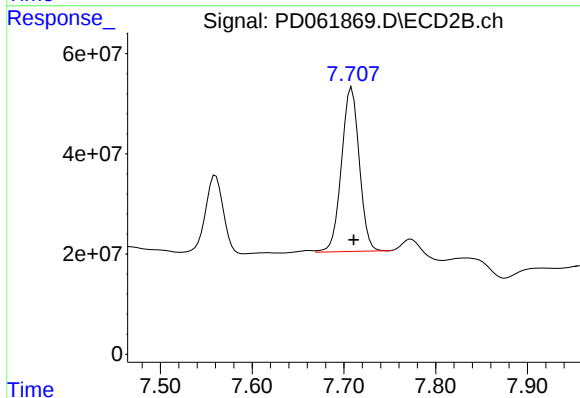
#21 Endrin ketone

R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 54634582  
Conc: 42.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

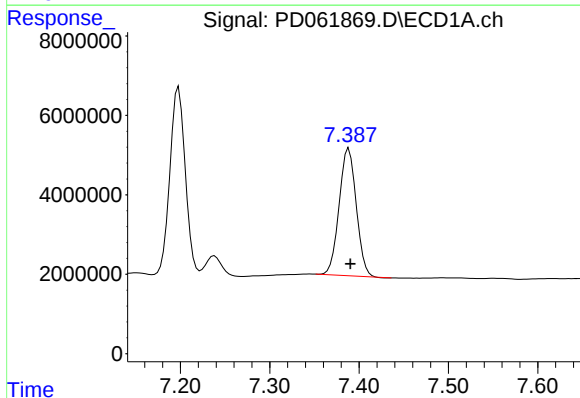
Manual Integrations  
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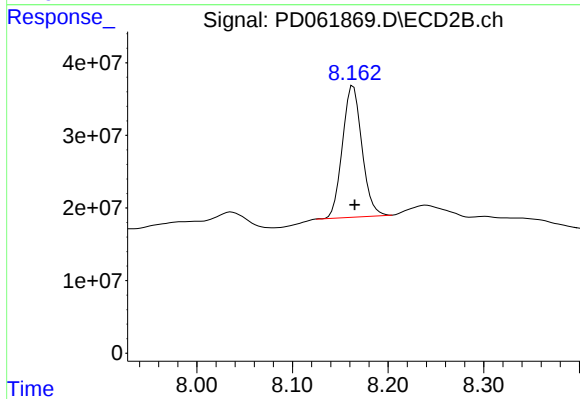
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: -0.002 min  
Response: 441278841  
Conc: 43.51 ng/ml



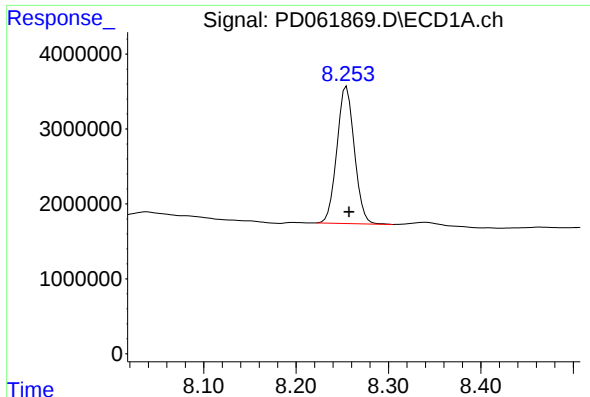
#22 Mirex

R.T.: 7.389 min  
Delta R.T.: -0.002 min  
Response: 42606756  
Conc: 50.94 ng/ml



#22 Mirex

R.T.: 8.164 min  
Delta R.T.: -0.002 min  
Response: 256789390  
Conc: 39.85 ng/ml



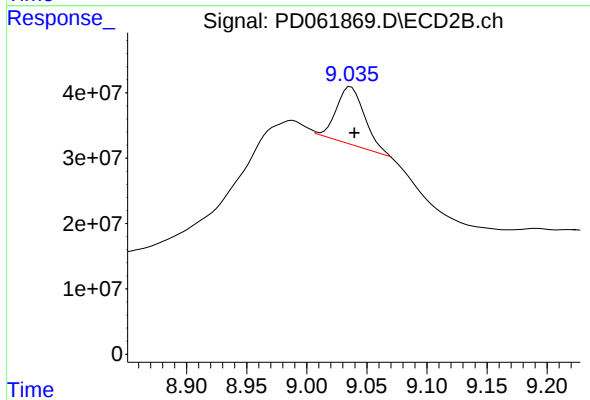
#28 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: -0.003 min  
Response: 24002441  
Conc: 19.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB13(25-26)MS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.035 min  
Delta R.T.: -0.004 min  
Response: 143340704  
Conc: 15.18 ng/ml m