

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062523\  
 Data File : PD076138.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jun 2023 01:31  
 Operator : AR\AJ  
 Sample : 03376-05MS  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TW-1MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/26/2023  
 Supervised By : Ankita Jodhani 06/26/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 05:36:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.546 | 2.768 | 36074388 | 17693067 | 16.935  | 16.308 |
| 28)                         | SA Decachlor... | 9.085 | 7.911 | 30518974 | 12449736 | 12.047  | 12.732 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.003 | 3.270 | 213.5E6  | 88382324 | 57.838  | 55.247 |
| 3)                          | MA gamma-BHC... | 4.336 | 3.599 | 195.3E6  | 82509322 | 58.026  | 55.998 |
| 4)                          | MA Heptachlor   | 4.927 | 3.940 | 172.7E6  | 71201502 | 48.139  | 46.878 |
| 5)                          | MB Aldrin       | 5.269 | 4.219 | 164.0E6  | 66862358 | 46.796  | 44.838 |
| 6)                          | B beta-BHC      | 4.532 | 3.896 | 80183215 | 34929838 | 55.771  | 54.800 |
| 7)                          | B delta-BHC     | 4.780 | 4.126 | 193.3E6  | 81988009 | 58.166  | 56.583 |
| 8)                          | B Heptachlo...  | 5.697 | 4.722 | 173.7E6  | 72218568 | 53.892  | 52.575 |
| 9)                          | A Endosulfan I  | 6.084 | 5.092 | 161.5E6  | 67329000 | 53.829  | 52.675 |
| 10)                         | B gamma-Chl...  | 5.954 | 4.972 | 174.0E6  | 71592823 | 54.027  | 52.177 |
| 11)                         | B alpha-Chl...  | 6.033 | 5.036 | 170.0E6  | 70792963 | 52.569  | 51.607 |
| 12)                         | B 4,4'-DDE      | 6.205 | 5.225 | 154.7E6  | 64233595 | 54.111  | 57.549 |
| 13)                         | MA Dieldrin     | 6.360 | 5.356 | 168.0E6  | 71463386 | 53.773  | 52.968 |
| 14)                         | MA Endrin       | 6.589 | 5.632 | 137.6E6  | 63076135 | 51.441  | 51.830 |
| 15)                         | B Endosulfa...  | 6.809 | 5.926 | 132.8E6  | 57730229 | 51.411  | 53.511 |
| 16)                         | A 4,4'-DDD      | 6.723 | 5.780 | 126.8E6  | 55102319 | 55.717  | 62.526 |
| 17)                         | MA 4,4'-DDT     | 7.038 | 6.031 | 125.3E6  | 51604426 | 55.208  | 63.529 |
| 18)                         | B Endrin al...  | 6.937 | 6.106 | 103.7E6  | 45161540 | 51.691m | 52.180 |
| 19)                         | B Endosulfa...  | 7.174 | 6.328 | 131.1E6  | 58041710 | 52.027  | 53.712 |
| 20)                         | A Methoxychlor  | 7.513 | 6.606 | 66397639 | 28873235 | 51.296  | 62.382 |
| 21)                         | B Endrin ke...  | 7.661 | 6.835 | 146.2E6  | 65995362 | 52.485  | 54.319 |
| 22)                         | Mirex           | 8.136 | 7.017 | 98446811 | 47282883 | 45.948  | 45.108 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062523\  
Data File : PD076138.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jun 2023 01:31  
Operator : AR\AJ  
Sample : 03376-05MS  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

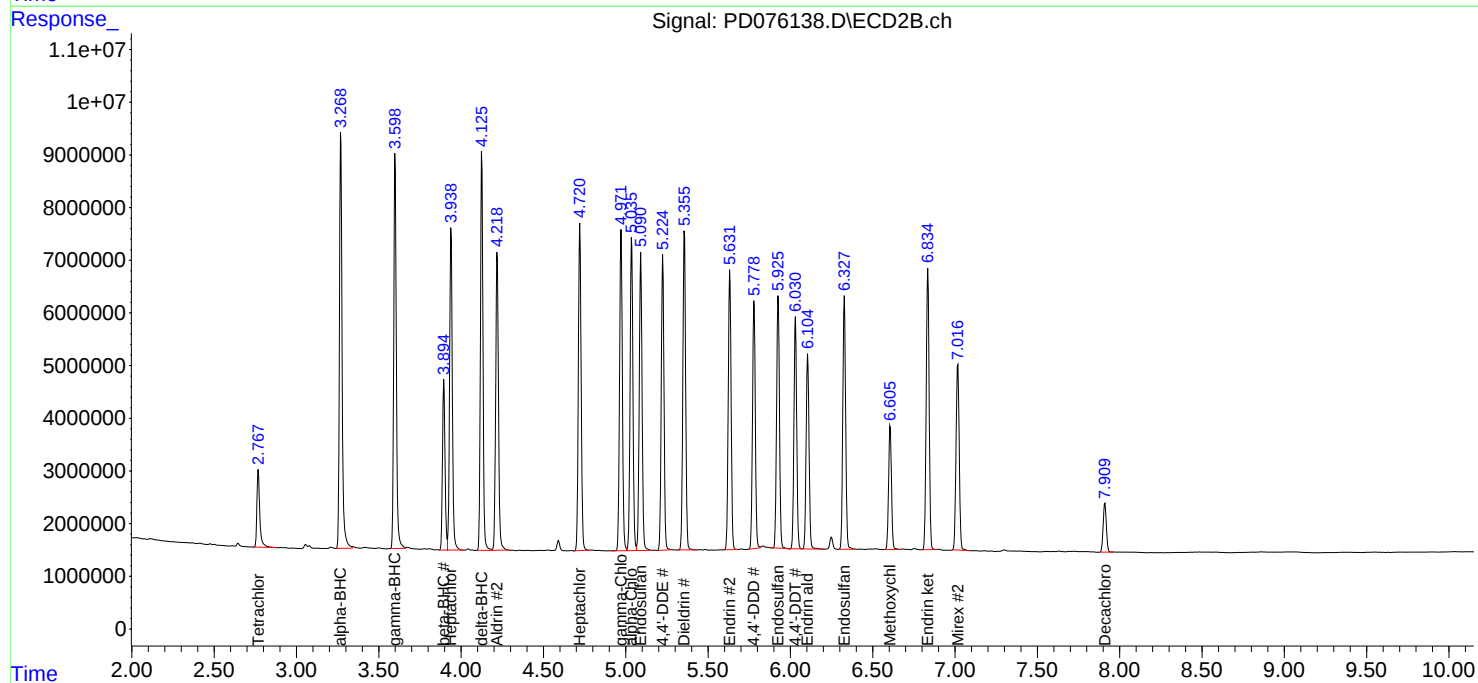
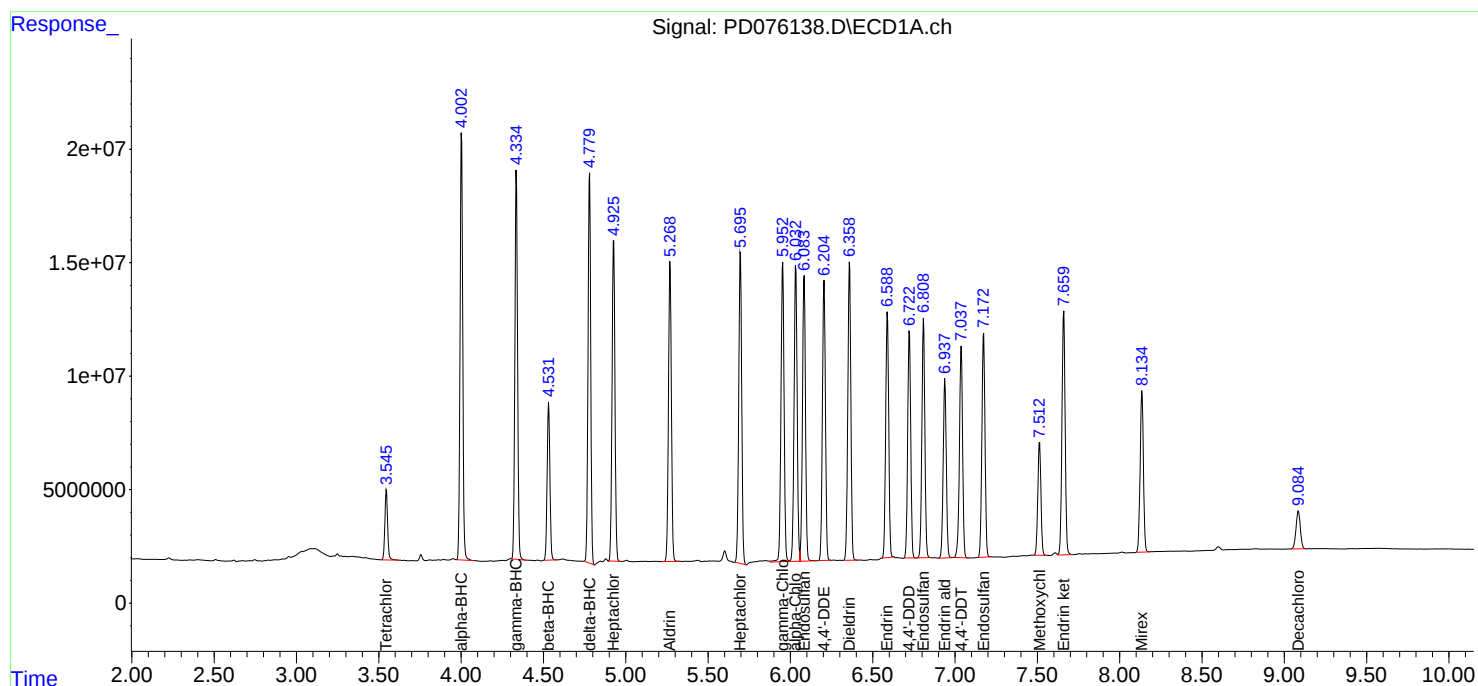
Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

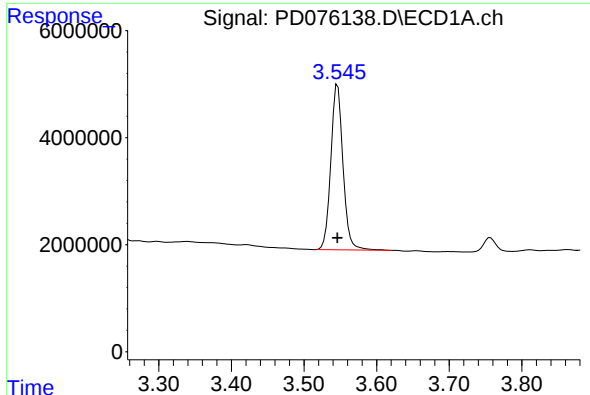
Manual Integrations  
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Supervised By :Ankita Jodhani 06/26/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 05:36:28 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
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Volume Inj. : 2 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





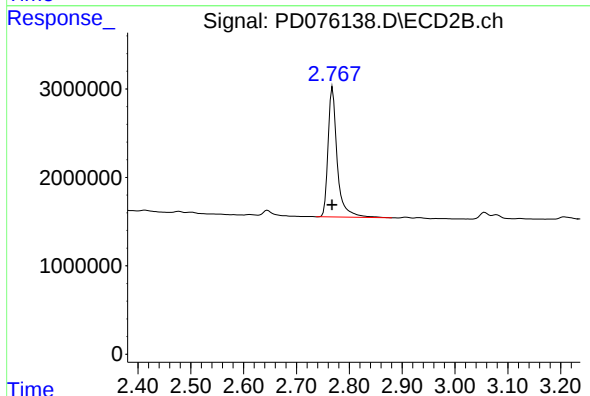
#1 Tetrachloro-m-xylene

R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 36074388  
Conc: 16.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

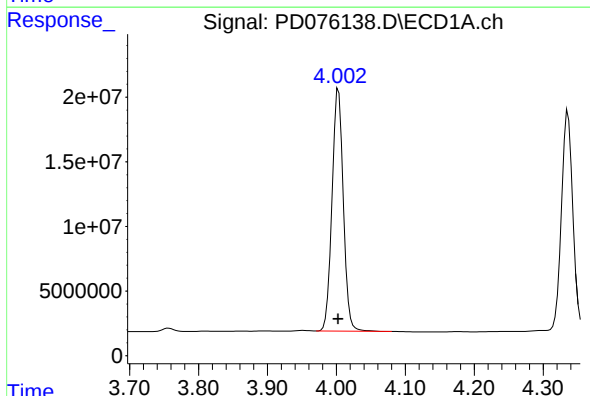
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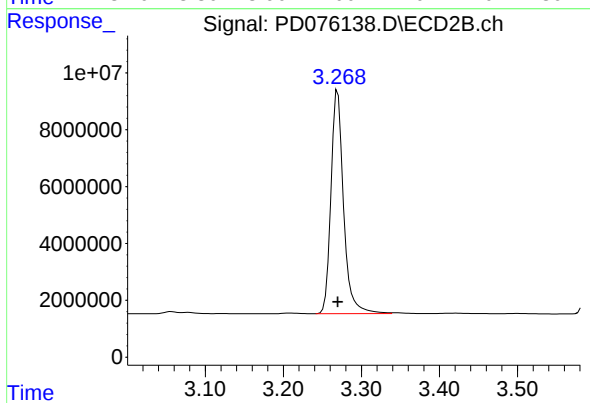
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.001 min  
Response: 17693067  
Conc: 16.31 ng/ml



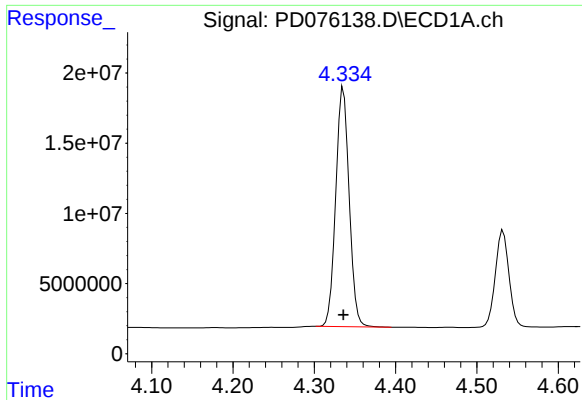
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 213543658  
Conc: 57.84 ng/ml



#2 alpha-BHC

R.T.: 3.270 min  
Delta R.T.: 0.000 min  
Response: 88382324  
Conc: 55.25 ng/ml



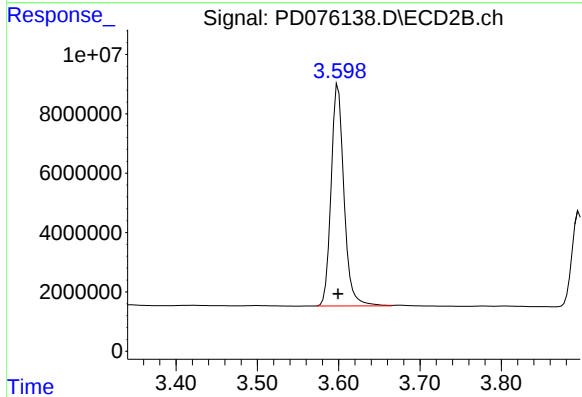
#3 gamma-BHC (Lindane)

R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 195253540  
Conc: 58.03 ng/ml

Instrument :  
ECD\_D  
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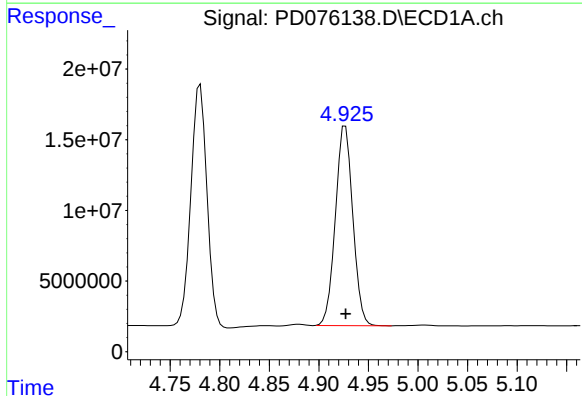
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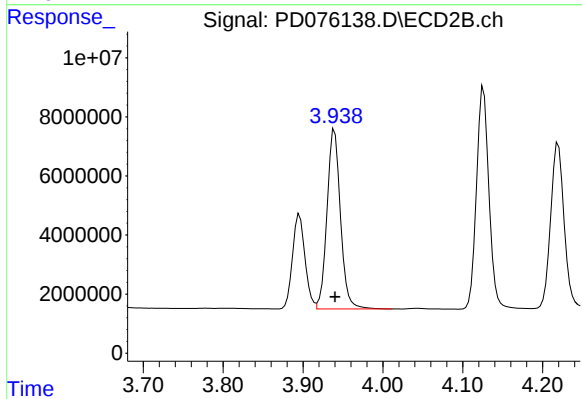
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 82509322  
Conc: 56.00 ng/ml



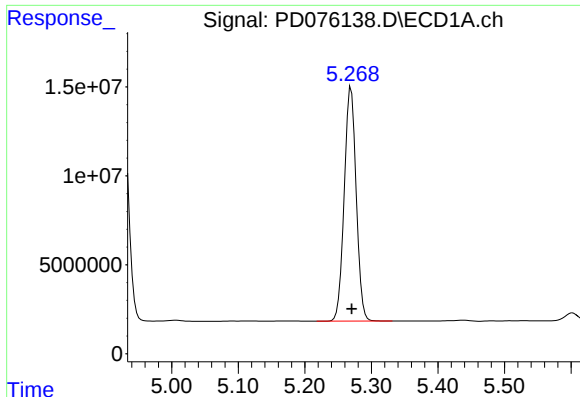
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 172654949  
Conc: 48.14 ng/ml



#4 Heptachlor

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 71201502  
Conc: 46.88 ng/ml



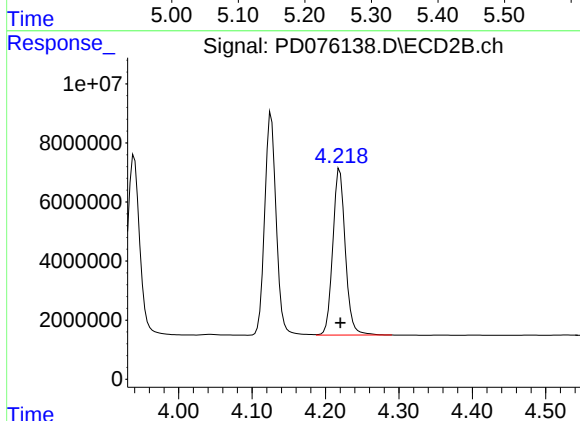
#5 Aldrin

R.T.: 5.269 min  
Delta R.T.: -0.001 min  
Response: 163984265  
Conc: 46.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

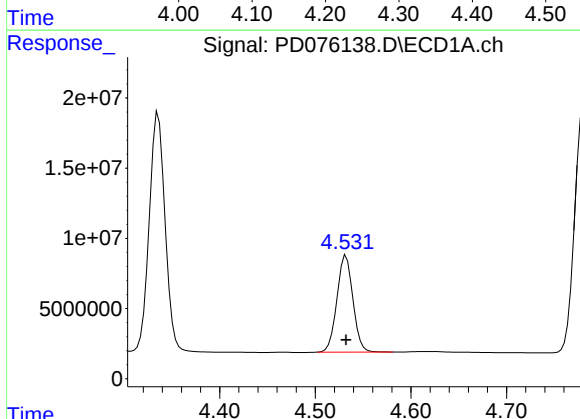
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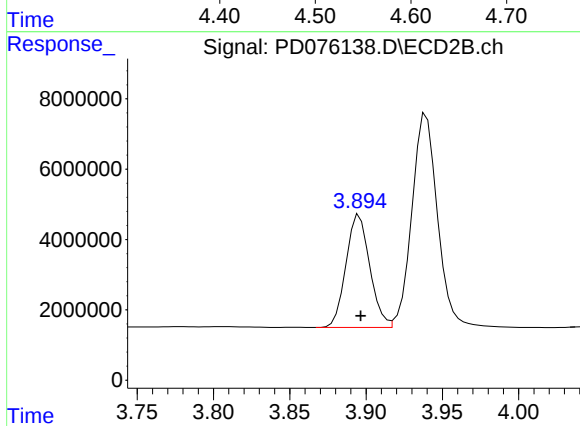
#5 Aldrin

R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 66862358  
Conc: 44.84 ng/ml



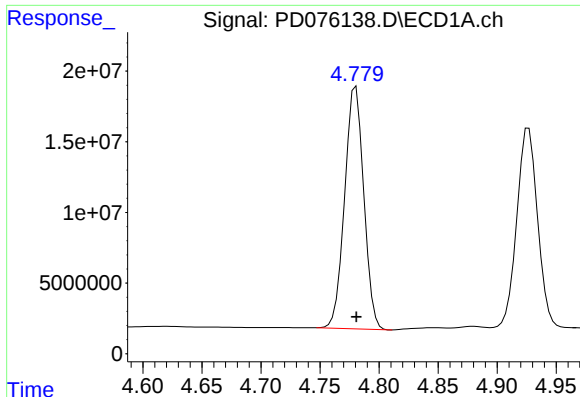
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 80183215  
Conc: 55.77 ng/ml



#6 beta-BHC

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 34929838  
Conc: 54.80 ng/ml



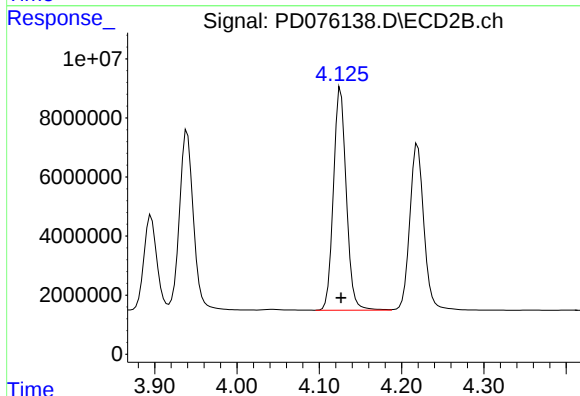
#7 delta-BHC

R.T.: 4.780 min  
Delta R.T.: 0.000 min  
Response: 193322781  
Conc: 58.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

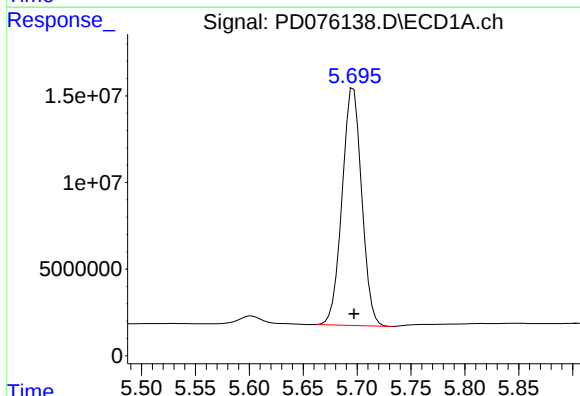
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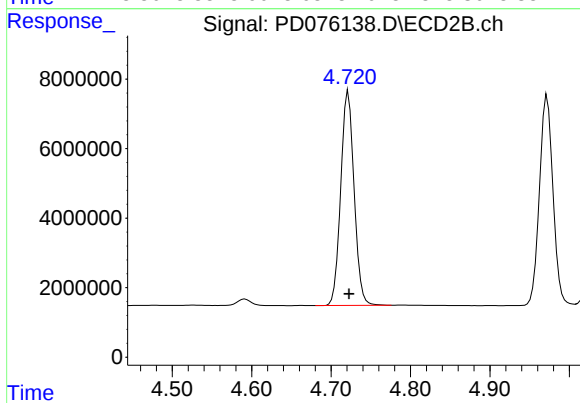
#7 delta-BHC

R.T.: 4.126 min  
Delta R.T.: 0.000 min  
Response: 81988009  
Conc: 56.58 ng/ml



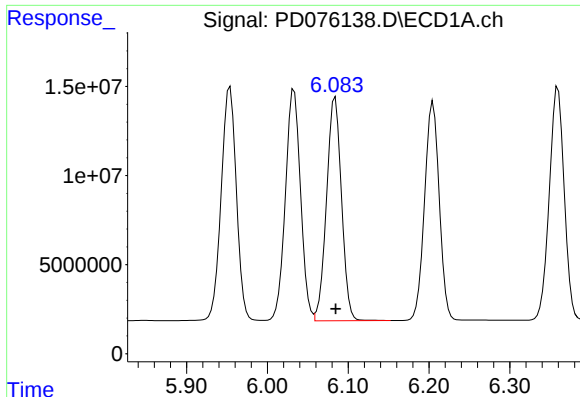
#8 Heptachlor epoxide

R.T.: 5.697 min  
Delta R.T.: 0.000 min  
Response: 173656246  
Conc: 53.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 72218568  
Conc: 52.57 ng/ml



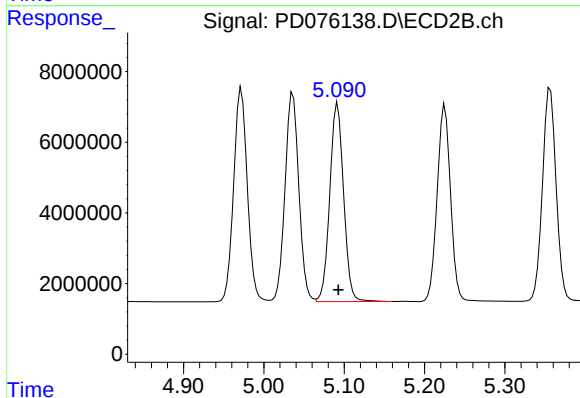
#9 Endosulfan I

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 161458080  
Conc: 53.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

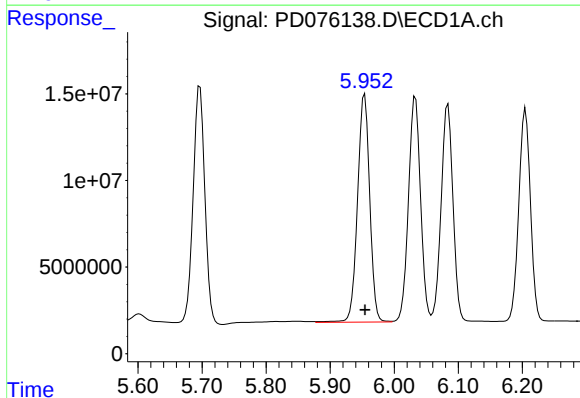
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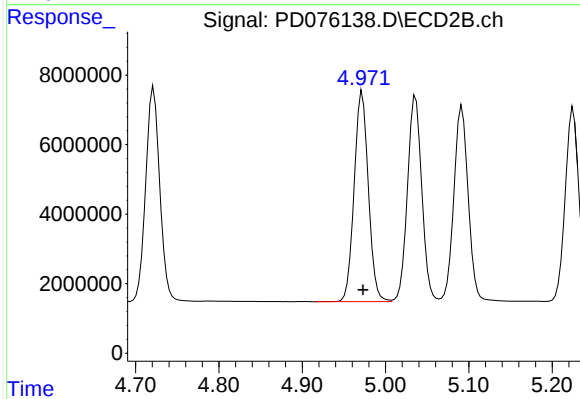
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: 0.000 min  
Response: 67329000  
Conc: 52.67 ng/ml



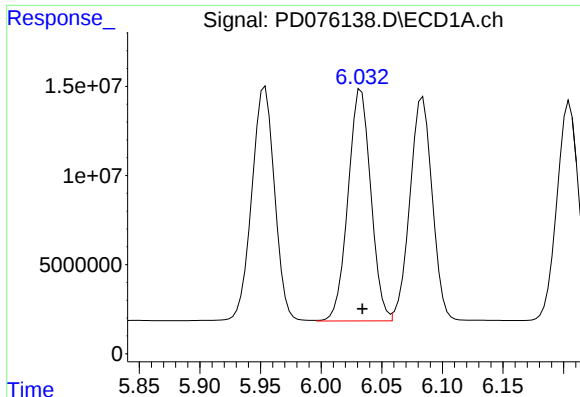
#10 gamma-Chlordane

R.T.: 5.954 min  
Delta R.T.: 0.000 min  
Response: 174037123  
Conc: 54.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min  
Delta R.T.: -0.001 min  
Response: 71592823  
Conc: 52.18 ng/ml



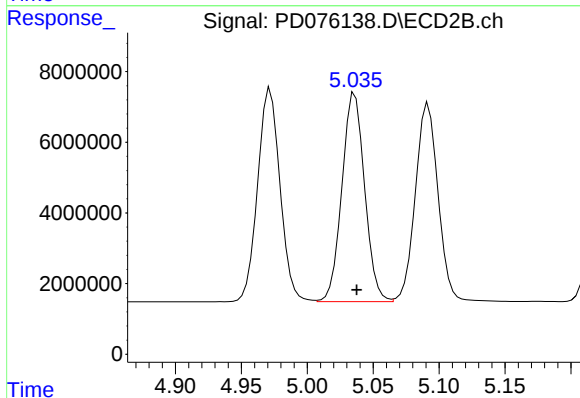
#11 alpha-Chlordane

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 169950696  
Conc: 52.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

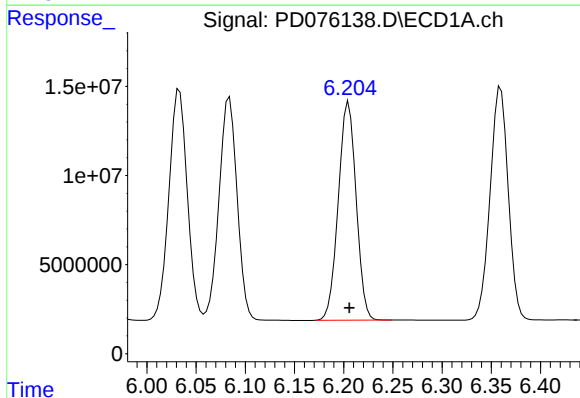
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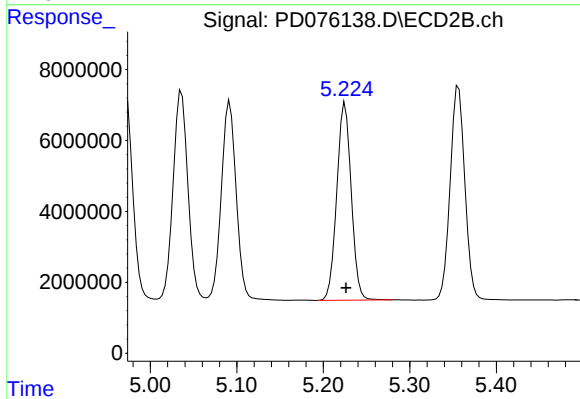
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 70792963  
Conc: 51.61 ng/ml



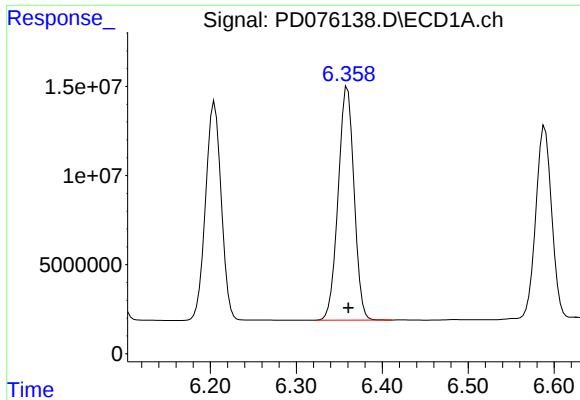
#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 154656756  
Conc: 54.11 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min  
Delta R.T.: -0.001 min  
Response: 64233595  
Conc: 57.55 ng/ml



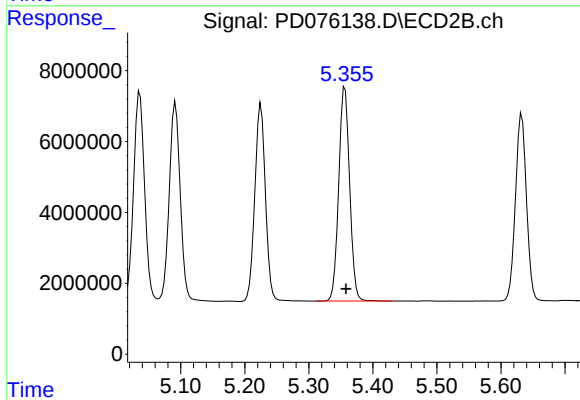
#13 Dieldrin

R.T.: 6.360 min  
Delta R.T.: 0.000 min  
Response: 168037616  
Conc: 53.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

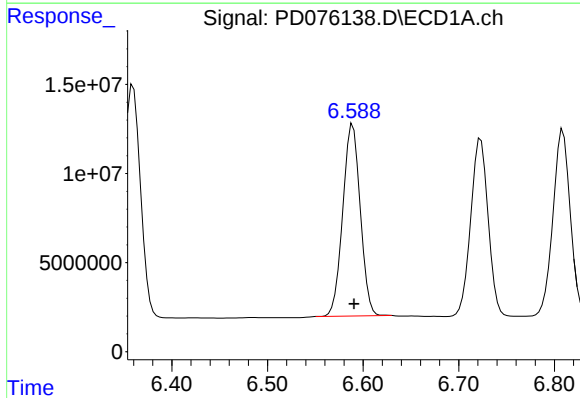
Manual Integrations  
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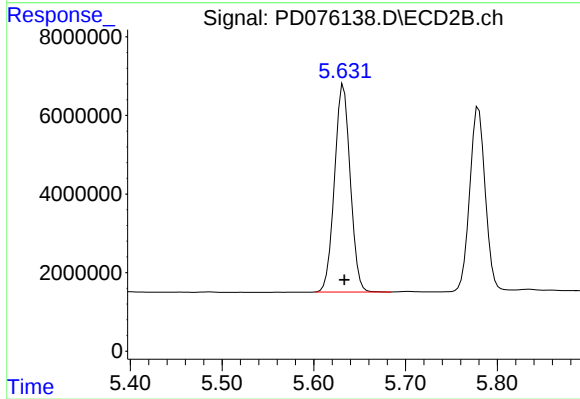
#13 Dieldrin

R.T.: 5.356 min  
Delta R.T.: -0.002 min  
Response: 71463386  
Conc: 52.97 ng/ml



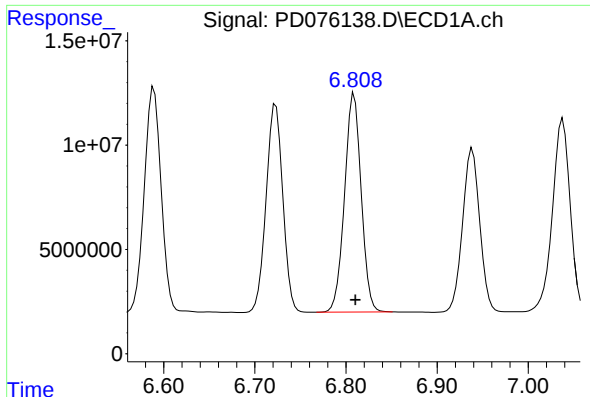
#14 Endrin

R.T.: 6.589 min  
Delta R.T.: -0.001 min  
Response: 137569346  
Conc: 51.44 ng/ml



#14 Endrin

R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 63076135  
Conc: 51.83 ng/ml



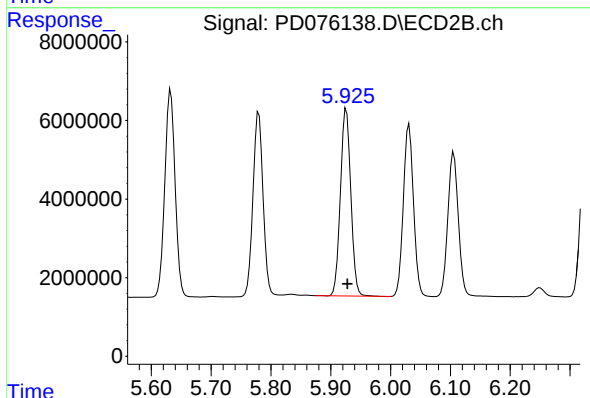
#15 Endosulfan II

R.T.: 6.809 min  
Delta R.T.: -0.001 min  
Response: 132827761  
Conc: 51.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

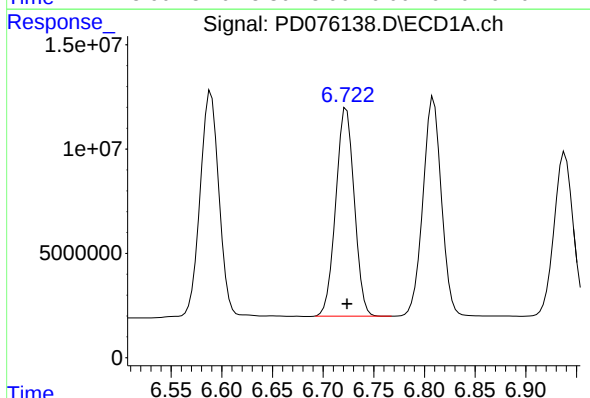
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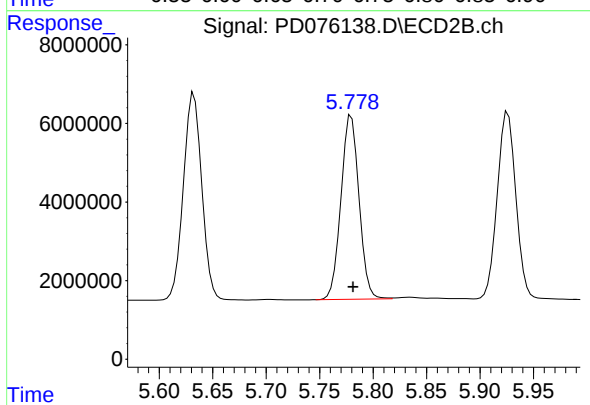
#15 Endosulfan II

R.T.: 5.926 min  
Delta R.T.: -0.002 min  
Response: 57730229  
Conc: 53.51 ng/ml



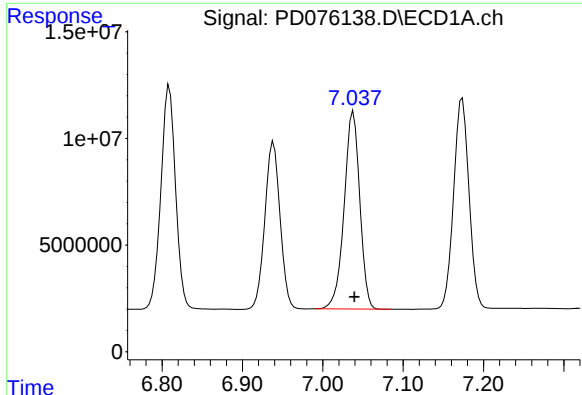
#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 126790436  
Conc: 55.72 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min  
Delta R.T.: -0.001 min  
Response: 55102319  
Conc: 62.53 ng/ml



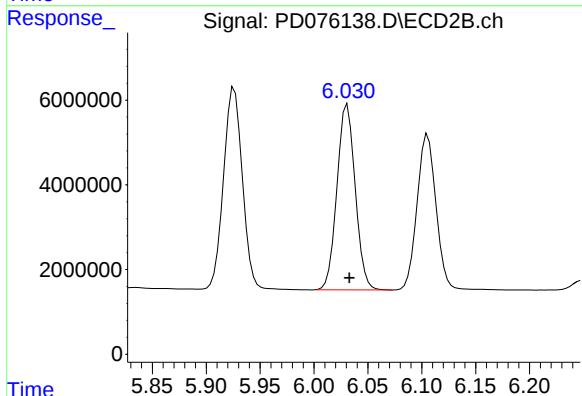
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: -0.002 min  
Response: 125281692  
Conc: 55.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

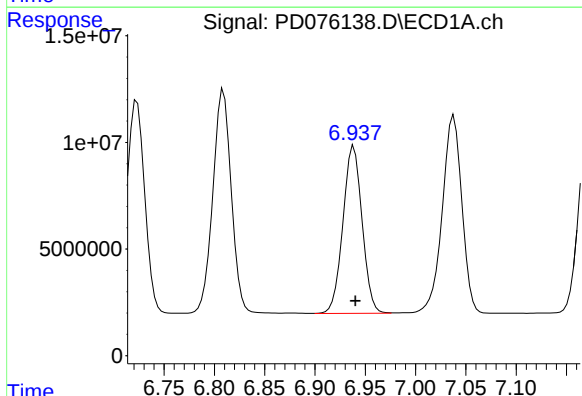
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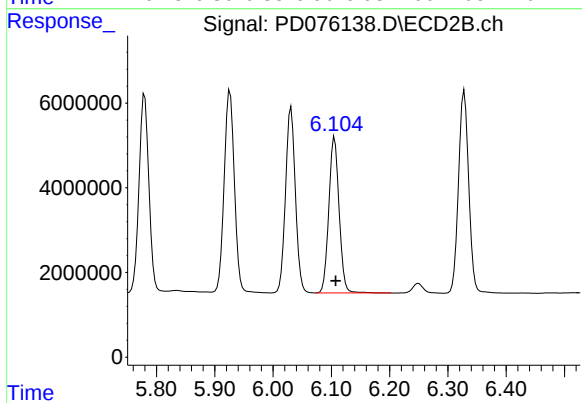
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 51604426  
Conc: 63.53 ng/ml



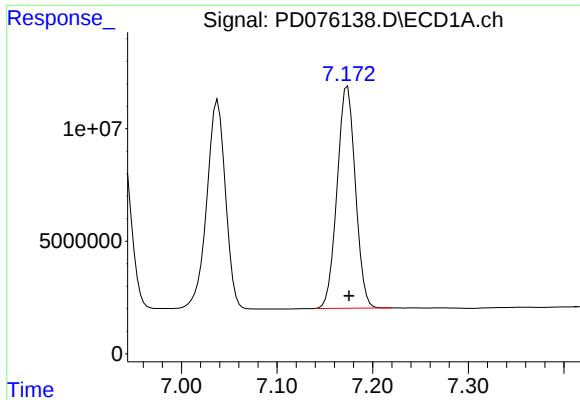
#18 Endrin aldehyde

R.T.: 6.937 min  
Delta R.T.: -0.003 min  
Response: 103721992  
Conc: 51.69 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min  
Delta R.T.: -0.002 min  
Response: 45161540  
Conc: 52.18 ng/ml



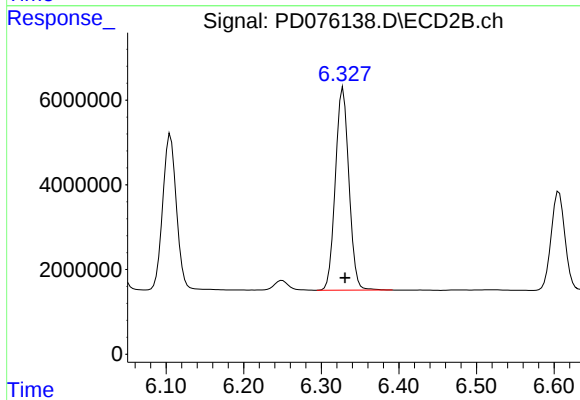
#19 Endosulfan Sulfate

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 131074895  
Conc: 52.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

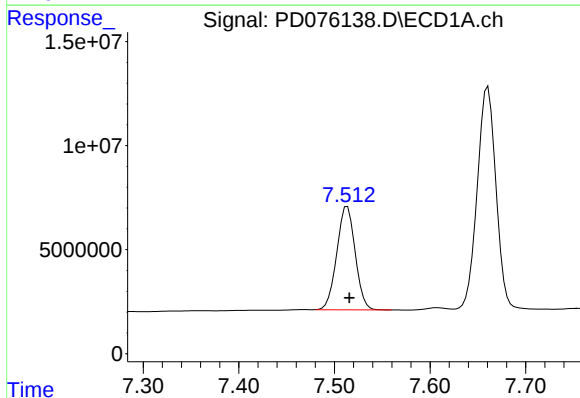
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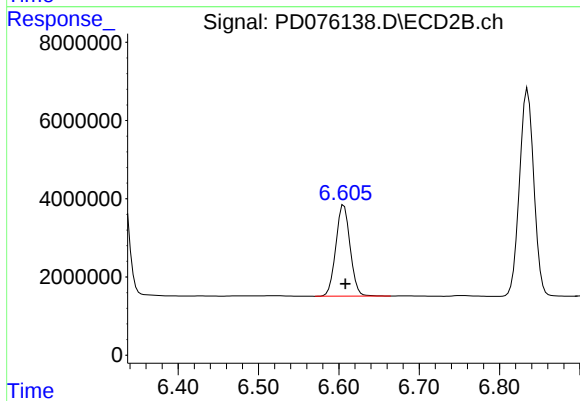
#19 Endosulfan Sulfate

R.T.: 6.328 min  
Delta R.T.: -0.003 min  
Response: 58041710  
Conc: 53.71 ng/ml



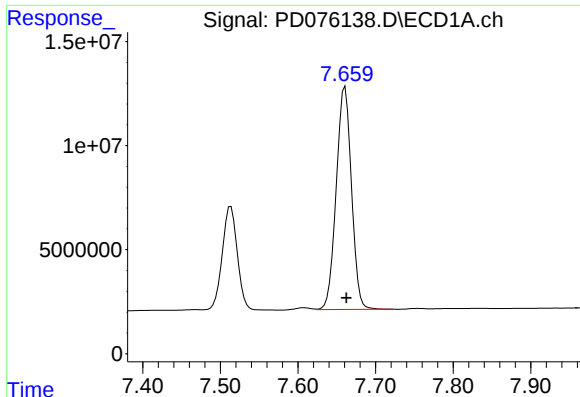
#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: -0.002 min  
Response: 66397639  
Conc: 51.30 ng/ml



#20 Methoxychlor

R.T.: 6.606 min  
Delta R.T.: -0.002 min  
Response: 28873235  
Conc: 62.38 ng/ml



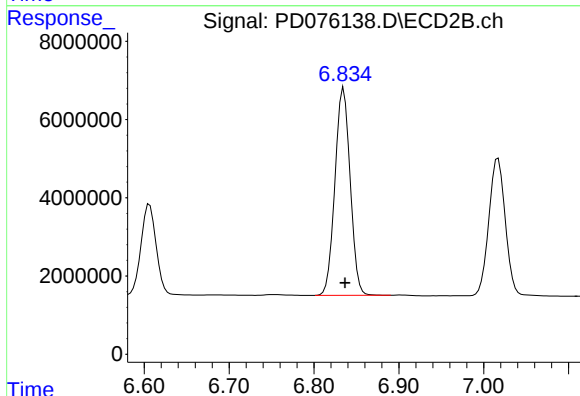
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: -0.002 min  
Response: 146221460  
Conc: 52.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

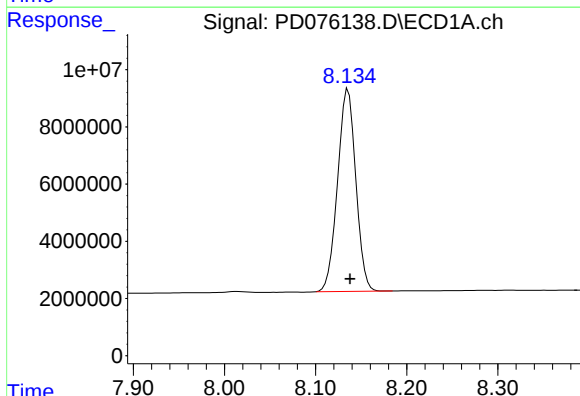
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/26/2023  
Supervised By :Ankita Jodhani 06/26/2023



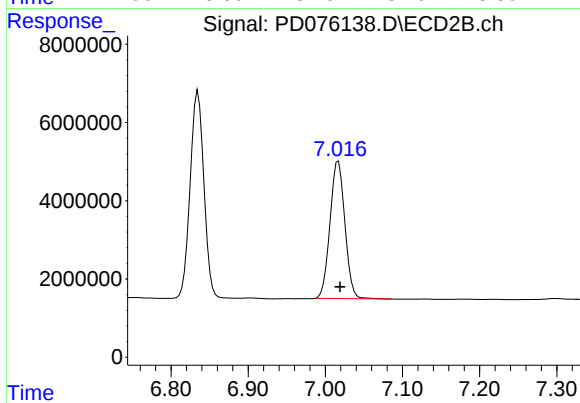
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: -0.002 min  
Response: 65995362  
Conc: 54.32 ng/ml



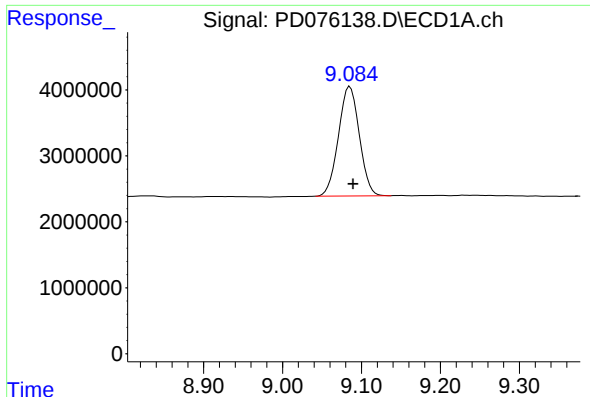
#22 Mirex

R.T.: 8.136 min  
Delta R.T.: -0.002 min  
Response: 98446811  
Conc: 45.95 ng/ml



#22 Mirex

R.T.: 7.017 min  
Delta R.T.: -0.002 min  
Response: 47282883  
Conc: 45.11 ng/ml



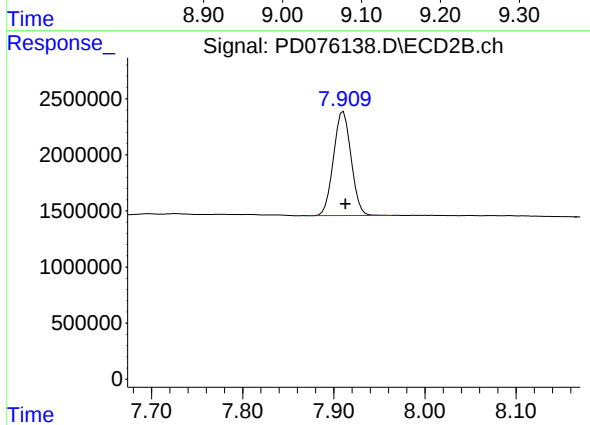
#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: -0.004 min  
Response: 30518974  
Conc: 12.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TW-1MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/26/2023  
Supervised By :Ankita Jodhani 06/26/2023



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: -0.002 min  
Response: 12449736  
Conc: 12.73 ng/ml