

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101920\  
 Data File : PD059817.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Oct 2020 16:10  
 Operator : DD\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 20 06:47:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 20 06:36:26 2020  
 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... | 3.507 | 4.024 | 7861462  | 12724259 | 5.359 | 5.207  |
| 28)                         | SA Decachlor... | 8.306 | 9.108 | 8317483  | 10115270 | 5.429 | 5.766  |
| Target Compounds            |                 |       |       |          |          |       |        |
| 2)                          | A alpha-BHC     | 3.949 | 4.414 | 11960566 | 18938496 | 4.919 | 4.917  |
| 3)                          | MA gamma-BHC... | 4.235 | 4.700 | 11627228 | 17139596 | 5.117 | 4.841  |
| 4)                          | MA Heptachlor   | 4.543 | 5.210 | 12064319 | 17130741 | 5.087 | 5.037m |
| 5)                          | MB Aldrin       | 4.795 | 5.518 | 11210122 | 15637233 | 5.018 | 4.954  |
| 6)                          | B beta-BHC      | 4.486 | 4.866 | 5422669  | 7823962  | 5.945 | 5.394m |
| 7)                          | B delta-BHC     | 4.694 | 5.087 | 11272176 | 12782055 | 5.100 | 4.313  |
| 8)                          | B Heptachlo...  | 5.241 | 5.904 | 10764779 | 13678162 | 5.287 | 4.935  |
| 9)                          | A Endosulfan I  | 5.584 | 6.263 | 9713671  | 13861208 | 5.106 | 5.213  |
| 10)                         | B gamma-Chl...  | 5.470 | 6.139 | 10402934 | 14902307 | 4.998 | 5.099  |
| 11)                         | B alpha-Chl...  | 5.529 | 6.212 | 10477035 | 15062026 | 5.095 | 5.202  |
| 12)                         | B 4,4'-DDE      | 5.694 | 6.367 | 10350713 | 13502071 | 5.098 | 4.888  |
| 13)                         | MA Dieldrin     | 5.829 | 6.520 | 10301484 | 14760427 | 4.991 | 5.158  |
| 14)                         | MA Endrin       | 6.088 | 6.738 | 9305804  | 12312014 | 5.054 | 4.945  |
| 15)                         | B Endosulfa...  | 6.363 | 6.947 | 11535987 | 15375270 | 6.429 | 6.171  |
| 16)                         | A 4,4'-DDD      | 6.213 | 6.857 | 8671016  | 12062438 | 5.220 | 5.240  |
| 17)                         | MA 4,4'-DDT     | 6.457 | 7.157 | 9031741  | 11827426 | 5.032 | 4.980  |
| 18)                         | B Endrin al...  | 6.531 | 7.070 | 8081806  | 11210634 | 5.677 | 5.467  |
| 19)                         | B Endosulfa...  | 6.745 | 7.293 | 9001798  | 12578166 | 5.670 | 5.557  |
| 20)                         | A Methoxychlor  | 7.006 | 7.613 | 4829356  | 6993099  | 5.061 | 5.583  |
| 21)                         | B Endrin ke...  | 7.241 | 7.763 | 9748585  | 13250216 | 5.210 | 5.397m |
| 22)                         | Mirex           | 7.436 | 8.222 | 8762880  | 9303193  | 6.430 | 5.796  |
| -----                       |                 |       |       |          |          |       |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101920\  
Data File : PD059817.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Oct 2020 16:10  
Operator : DD\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

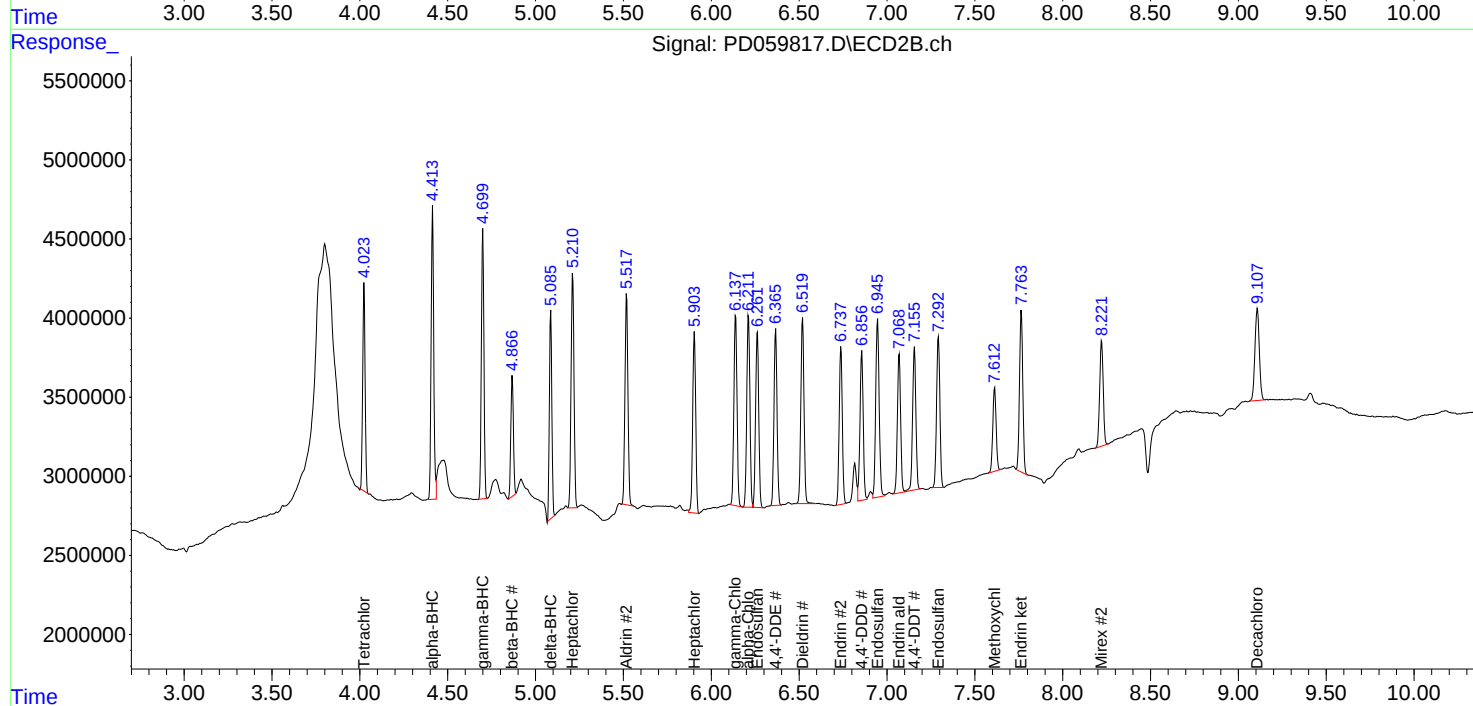
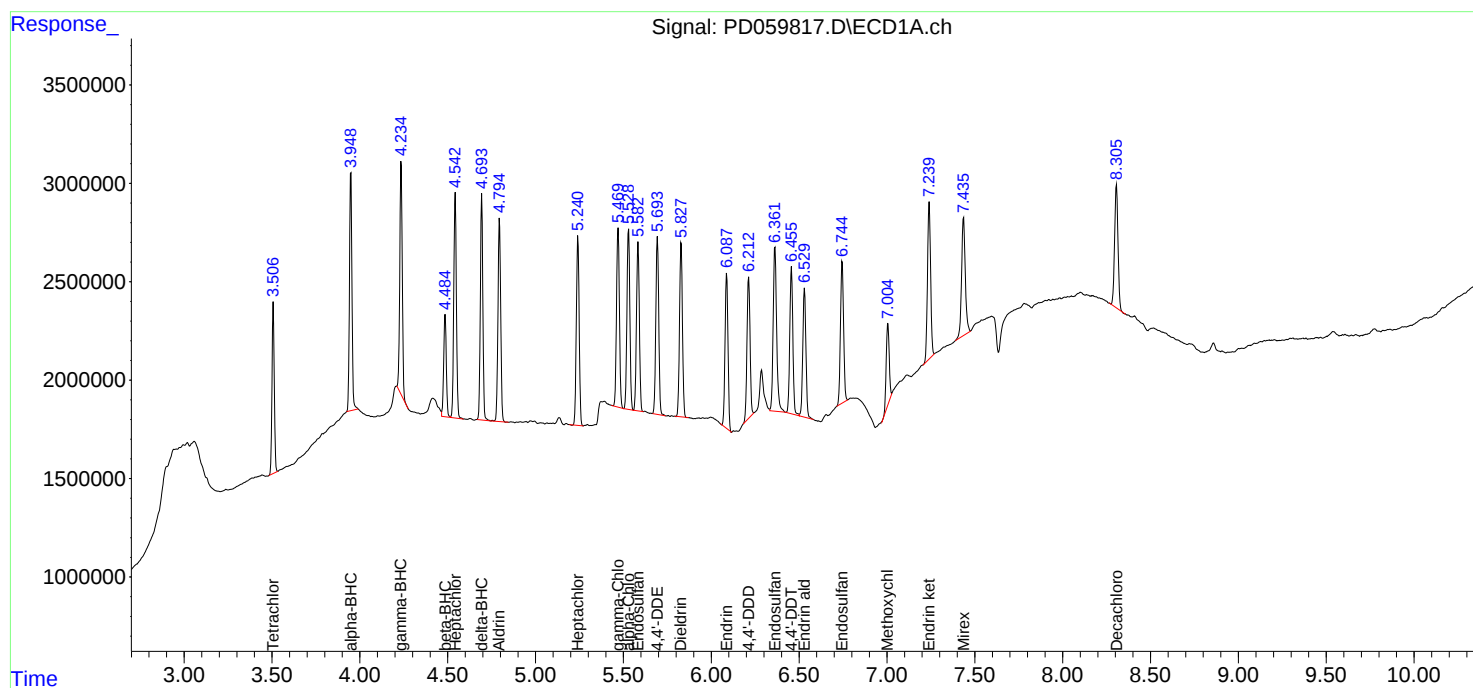
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

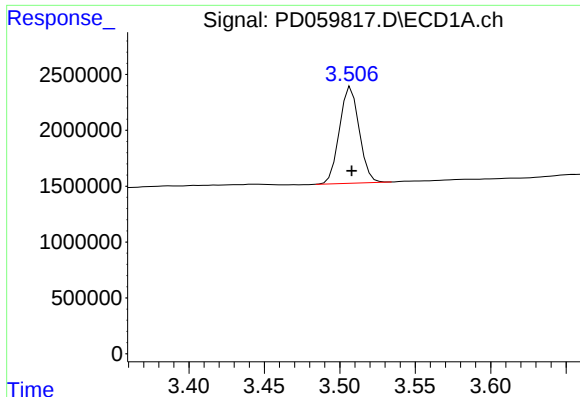
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 20 06:47:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 20 06:36:26 2020  
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





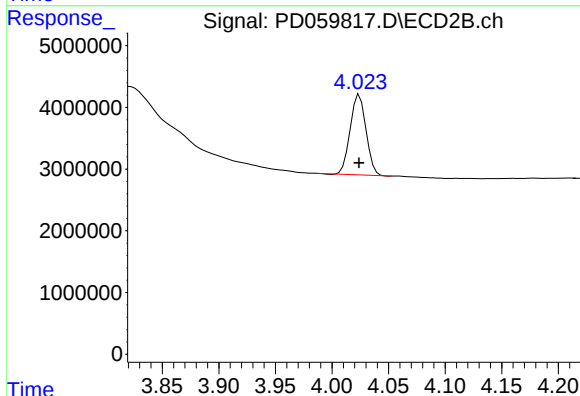
#1 Tetrachloro-m-xylene

R.T.: 3.507 min  
Delta R.T.: 0.000 min  
Response: 7861462  
Conc: 5.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

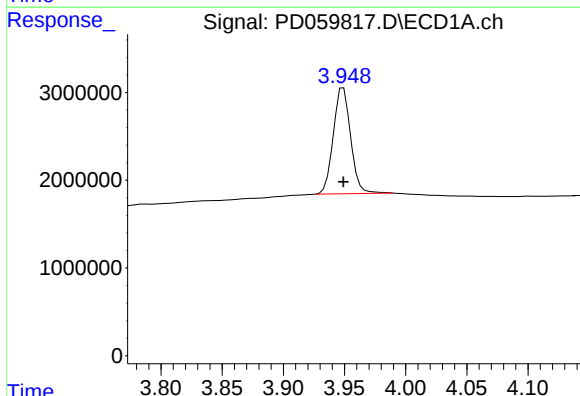
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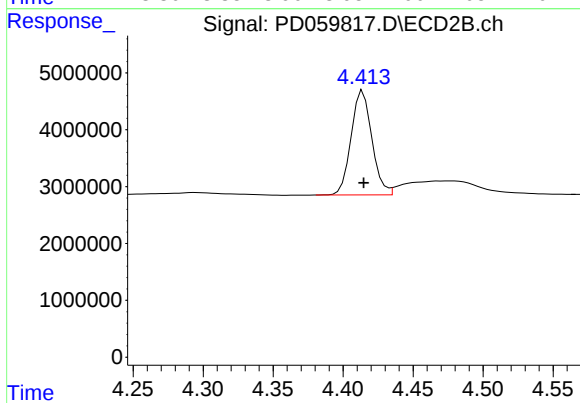
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 12724259  
Conc: 5.21 ng/ml



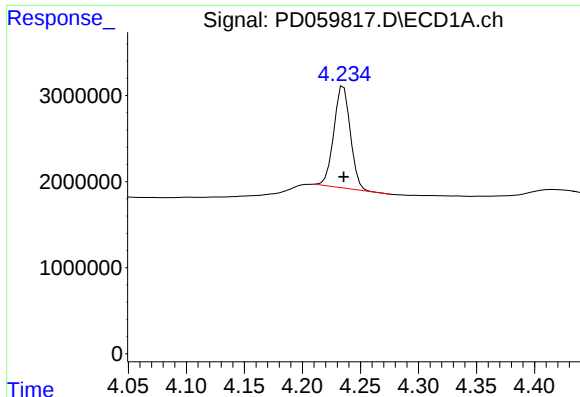
#2 alpha-BHC

R.T.: 3.949 min  
Delta R.T.: 0.000 min  
Response: 11960566  
Conc: 4.92 ng/ml



#2 alpha-BHC

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 18938496  
Conc: 4.92 ng/ml



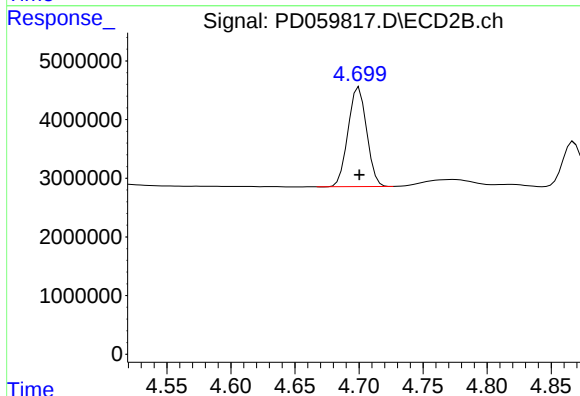
#3 gamma-BHC (Lindane)

R.T.: 4.235 min  
Delta R.T.: 0.000 min  
Response: 11627228  
Conc: 5.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

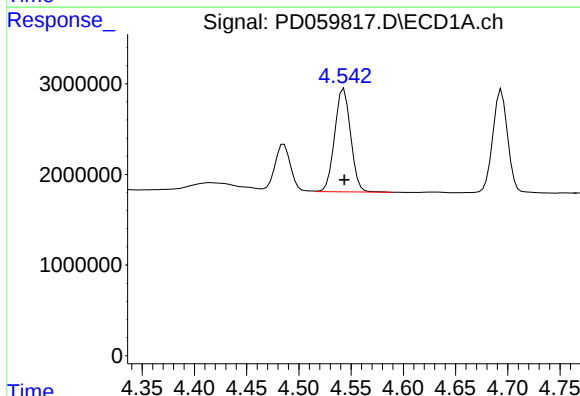
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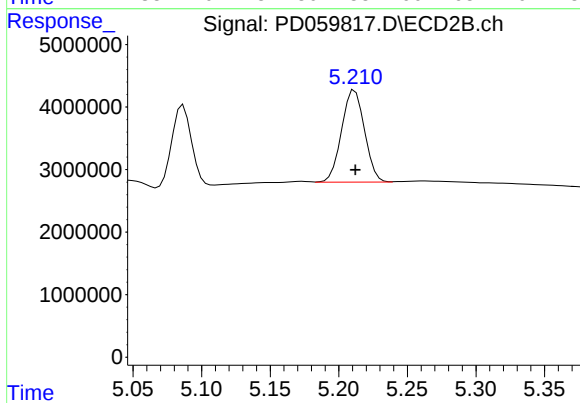
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: 0.000 min  
Response: 17139596  
Conc: 4.84 ng/ml



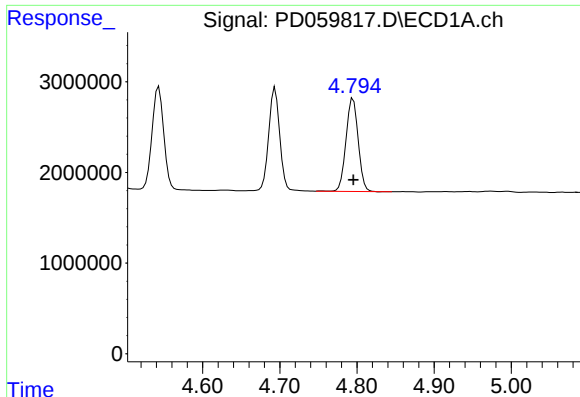
#4 Heptachlor

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 12064319  
Conc: 5.09 ng/ml



#4 Heptachlor

R.T.: 5.210 min  
Delta R.T.: -0.002 min  
Response: 17130741  
Conc: 5.04 ng/ml m



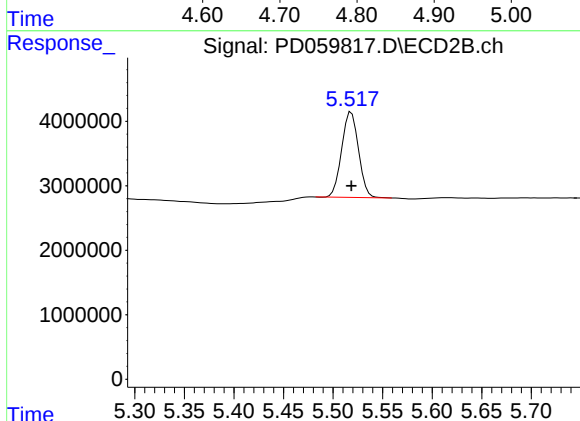
#5 Aldrin

R.T.: 4.795 min  
Delta R.T.: 0.000 min  
Response: 11210122  
Conc: 5.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

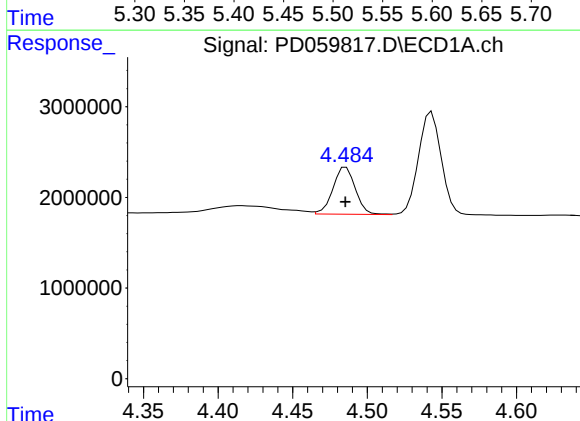
Manual Integrations  
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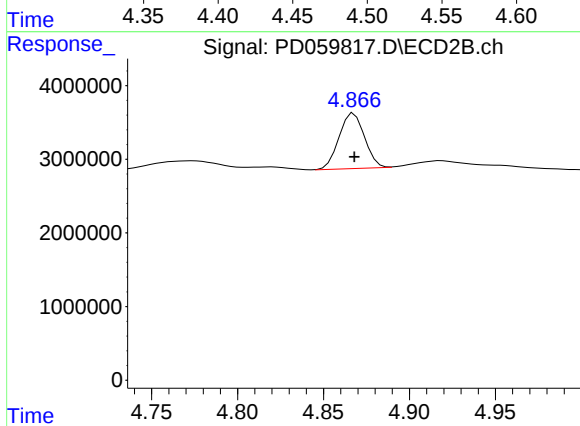
#5 Aldrin

R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 15637233  
Conc: 4.95 ng/ml



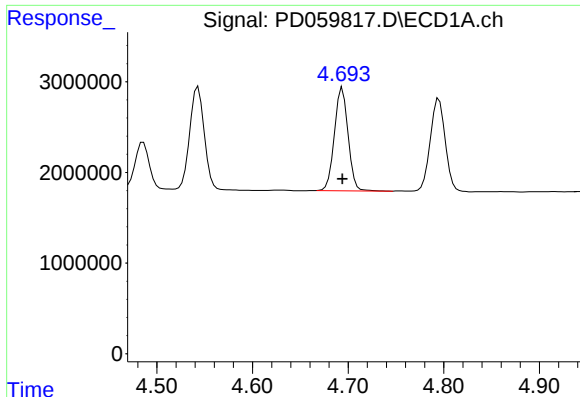
#6 beta-BHC

R.T.: 4.486 min  
Delta R.T.: 0.000 min  
Response: 5422669  
Conc: 5.95 ng/ml



#6 beta-BHC

R.T.: 4.866 min  
Delta R.T.: -0.002 min  
Response: 7823962  
Conc: 5.39 ng/ml m



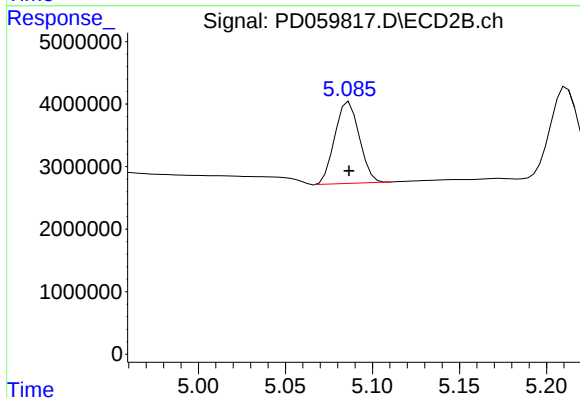
#7 delta-BHC

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 11272176  
Conc: 5.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

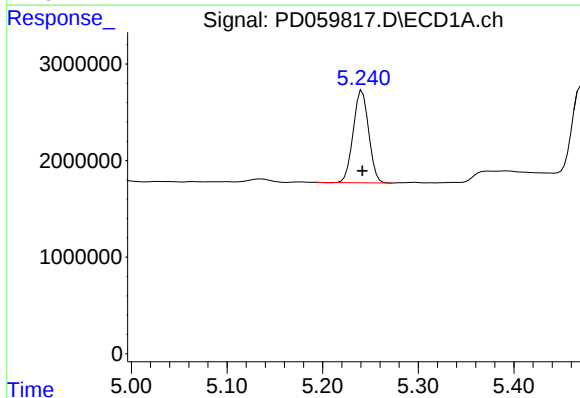
Manual Integrations  
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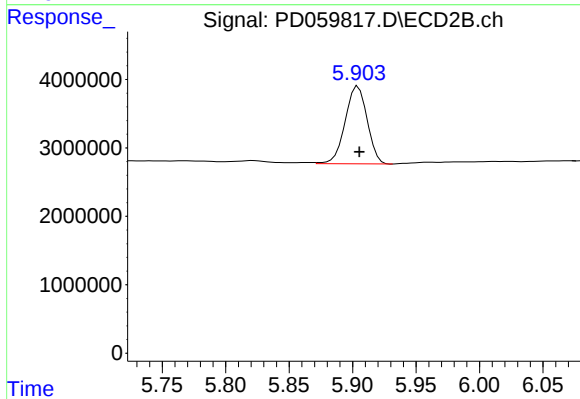
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 12782055  
Conc: 4.31 ng/ml



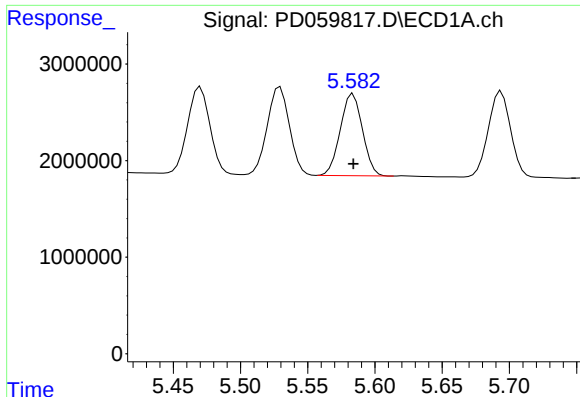
#8 Heptachlor epoxide

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 10764779  
Conc: 5.29 ng/ml



#8 Heptachlor epoxide

R.T.: 5.904 min  
Delta R.T.: 0.000 min  
Response: 13678162  
Conc: 4.94 ng/ml



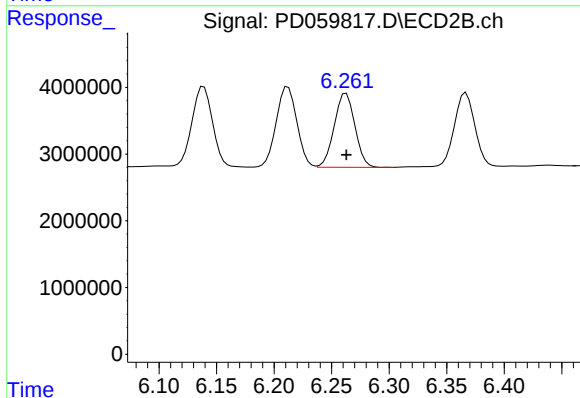
#9 Endosulfan I

R.T.: 5.584 min  
Delta R.T.: 0.000 min  
Response: 9713671  
Conc: 5.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

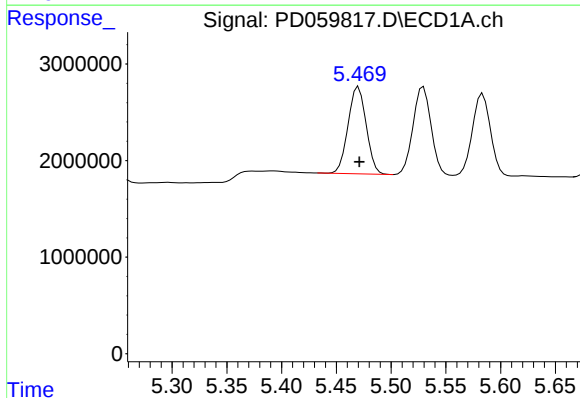
Manual Integrations  
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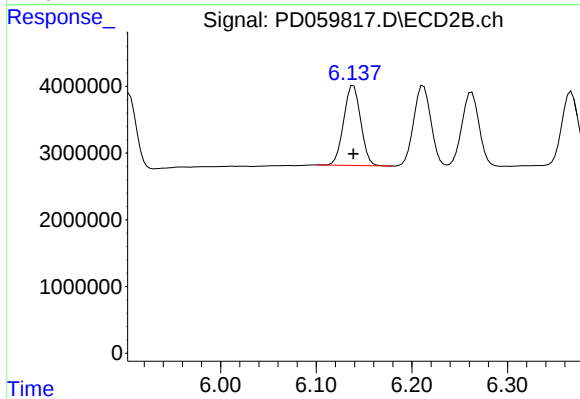
#9 Endosulfan I

R.T.: 6.263 min  
Delta R.T.: 0.000 min  
Response: 13861208  
Conc: 5.21 ng/ml



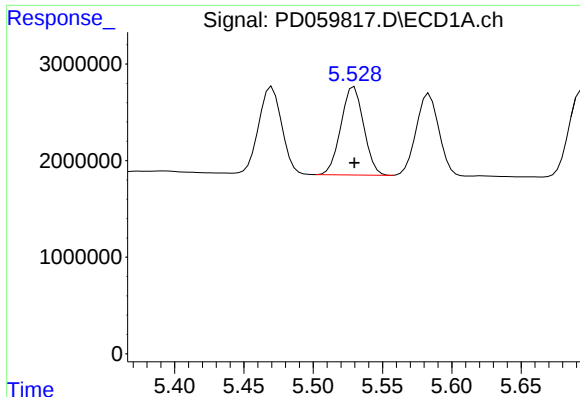
#10 gamma-Chlordane

R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 10402934  
Conc: 5.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 14902307  
Conc: 5.10 ng/ml



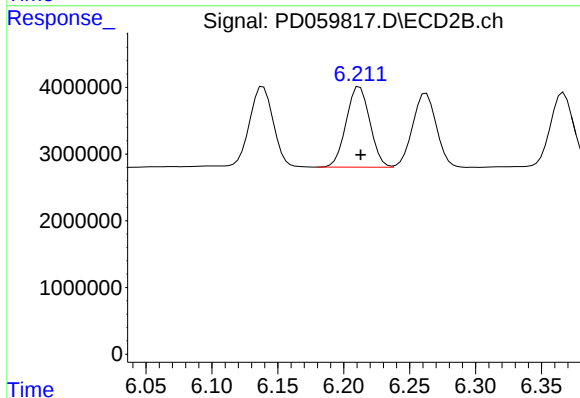
#11 alpha-Chlordane

R.T.: 5.529 min  
Delta R.T.: 0.000 min  
Response: 10477035  
Conc: 5.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

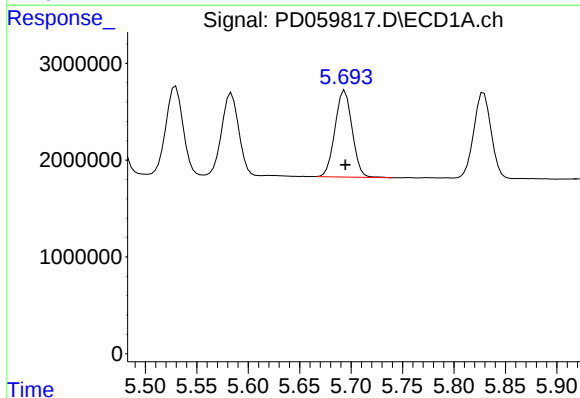
Manual Integrations  
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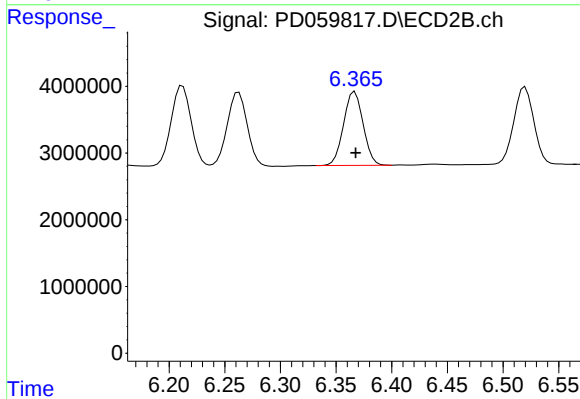
#11 alpha-Chlordane

R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 15062026  
Conc: 5.20 ng/ml



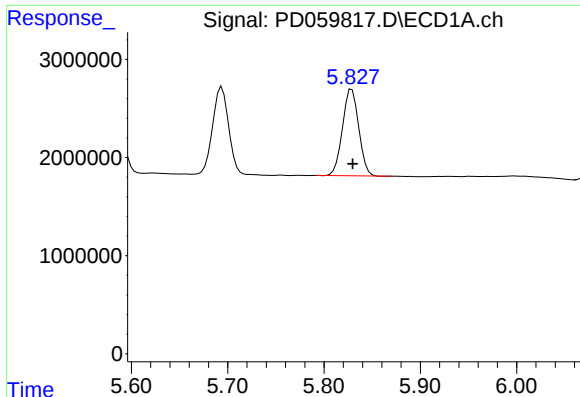
#12 4,4'-DDE

R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 10350713  
Conc: 5.10 ng/ml



#12 4,4'-DDE

R.T.: 6.367 min  
Delta R.T.: 0.000 min  
Response: 13502071  
Conc: 4.89 ng/ml



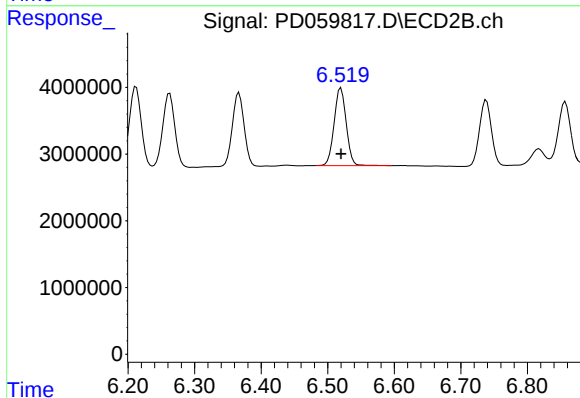
#13 Dieldrin

R.T.: 5.829 min  
Delta R.T.: 0.000 min  
Response: 10301484  
Conc: 4.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

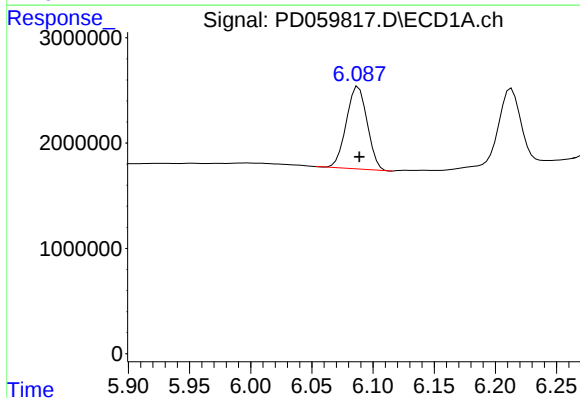
Manual Integrations  
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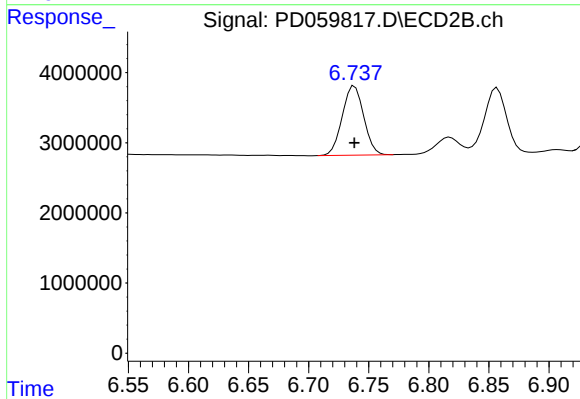
#13 Dieldrin

R.T.: 6.520 min  
Delta R.T.: 0.000 min  
Response: 14760427  
Conc: 5.16 ng/ml



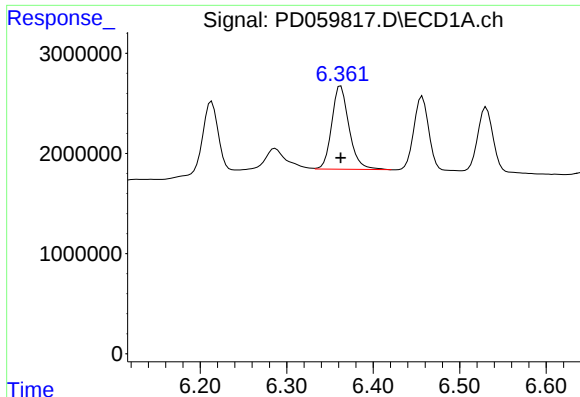
#14 Endrin

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 9305804  
Conc: 5.05 ng/ml



#14 Endrin

R.T.: 6.738 min  
Delta R.T.: 0.000 min  
Response: 12312014  
Conc: 4.95 ng/ml



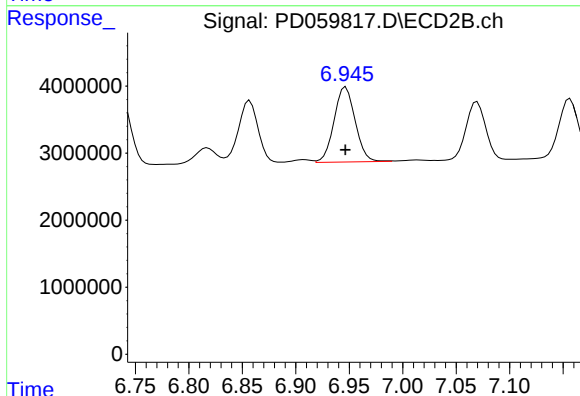
#15 Endosulfan II

R.T.: 6.363 min  
Delta R.T.: 0.000 min  
Response: 11535987  
Conc: 6.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

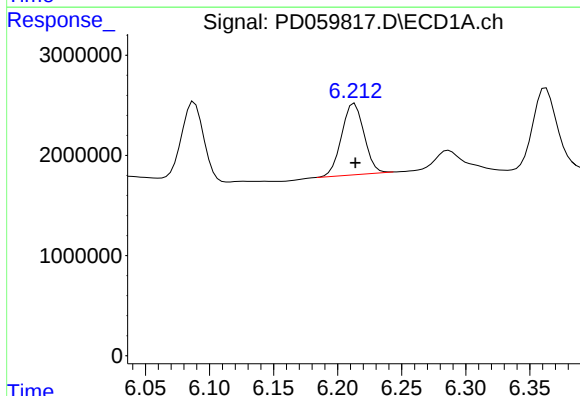
Manual Integrations  
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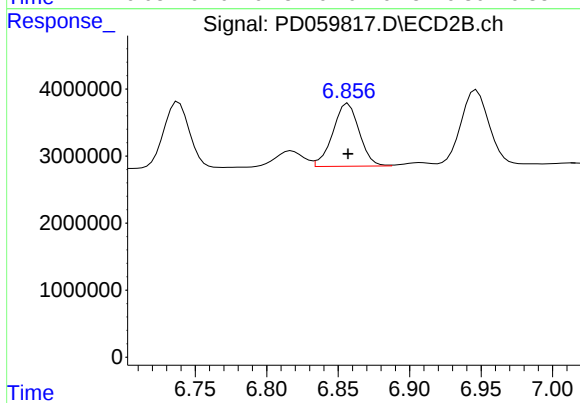
#15 Endosulfan II

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 15375270  
Conc: 6.17 ng/ml



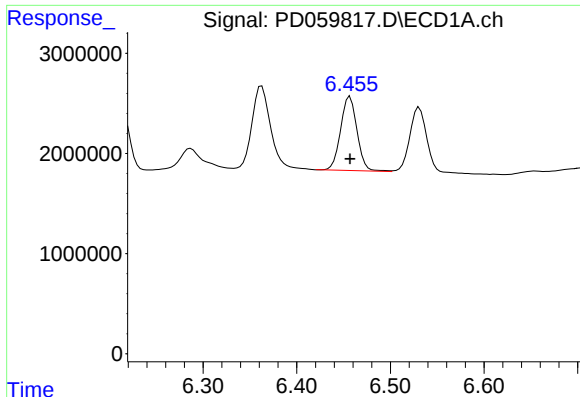
#16 4,4'-DDD

R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 8671016  
Conc: 5.22 ng/ml



#16 4,4'-DDD

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 12062438  
Conc: 5.24 ng/ml



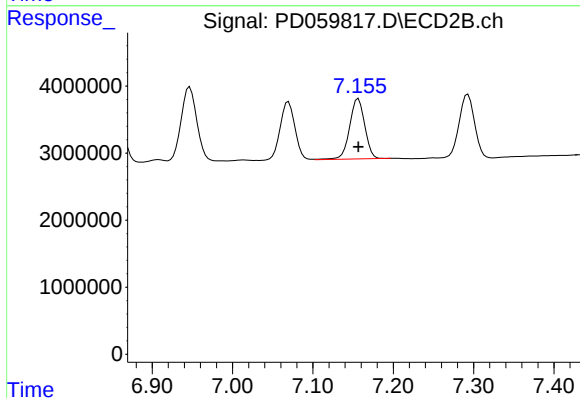
#17 4,4'-DDT

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 9031741  
Conc: 5.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

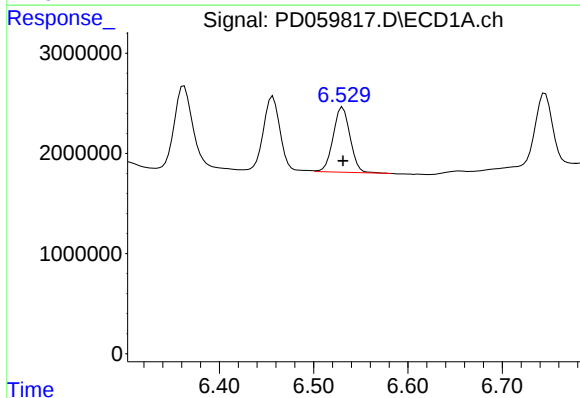
Manual Integrations  
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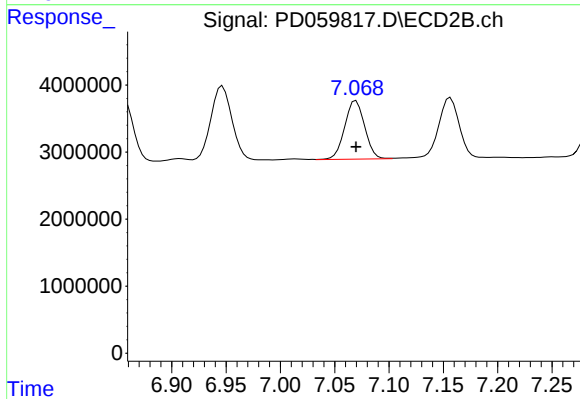
#17 4,4'-DDT

R.T.: 7.157 min  
Delta R.T.: 0.000 min  
Response: 11827426  
Conc: 4.98 ng/ml



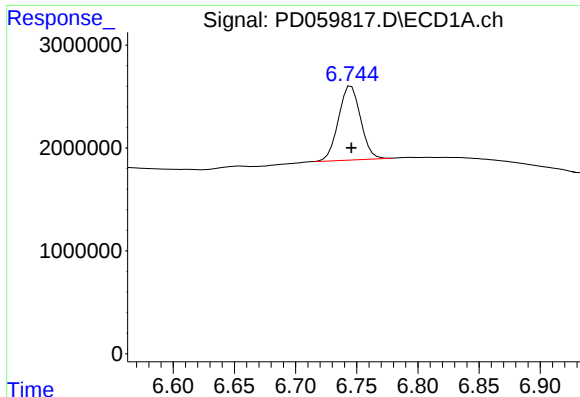
#18 Endrin aldehyde

R.T.: 6.531 min  
Delta R.T.: 0.000 min  
Response: 8081806  
Conc: 5.68 ng/ml



#18 Endrin aldehyde

R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 11210634  
Conc: 5.47 ng/ml



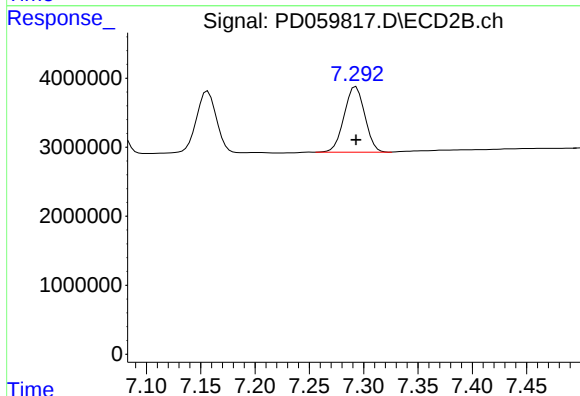
#19 Endosulfan Sulfate

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 9001798  
Conc: 5.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

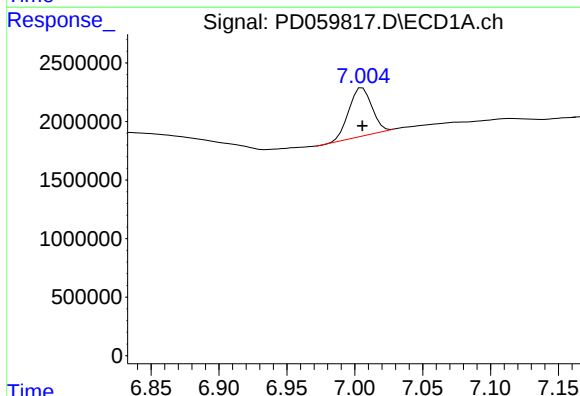
Manual Integrations  
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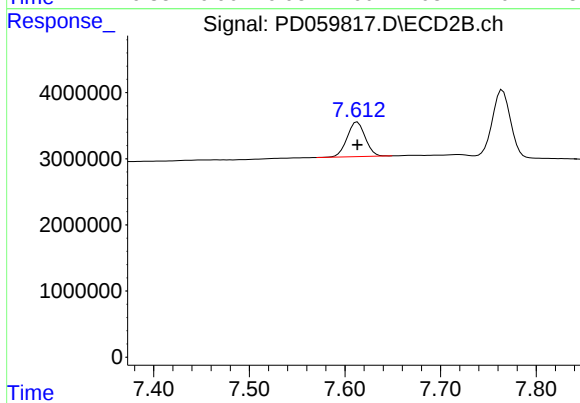
#19 Endosulfan Sulfate

R.T.: 7.293 min  
Delta R.T.: 0.000 min  
Response: 12578166  
Conc: 5.56 ng/ml



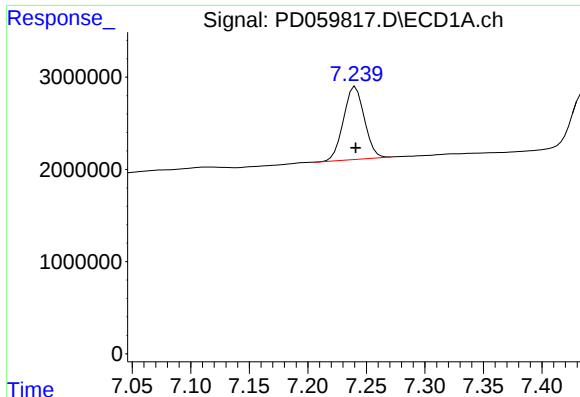
#20 Methoxychlor

R.T.: 7.006 min  
Delta R.T.: 0.000 min  
Response: 4829356  
Conc: 5.06 ng/ml



#20 Methoxychlor

R.T.: 7.613 min  
Delta R.T.: 0.000 min  
Response: 6993099  
Conc: 5.58 ng/ml



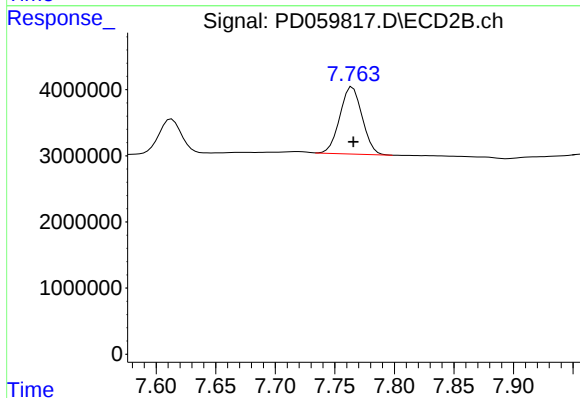
#21 Endrin ketone

R.T.: 7.241 min  
Delta R.T.: 0.000 min  
Response: 9748585  
Conc: 5.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

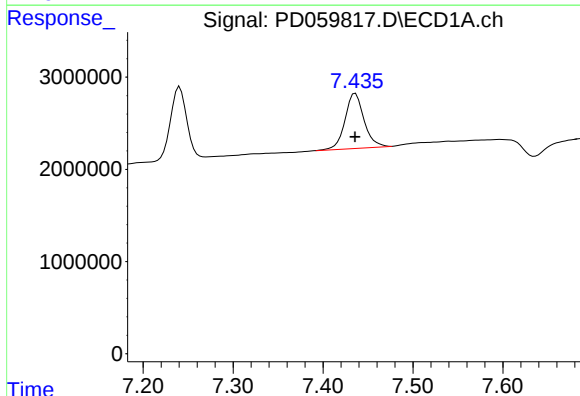
Manual Integrations  
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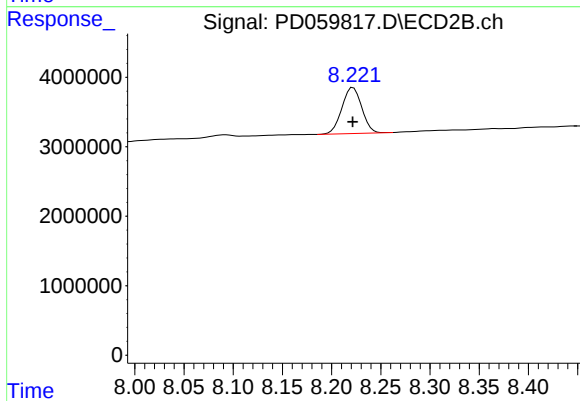
#21 Endrin ketone

R.T.: 7.763 min  
Delta R.T.: -0.002 min  
Response: 13250216  
Conc: 5.40 ng/ml m



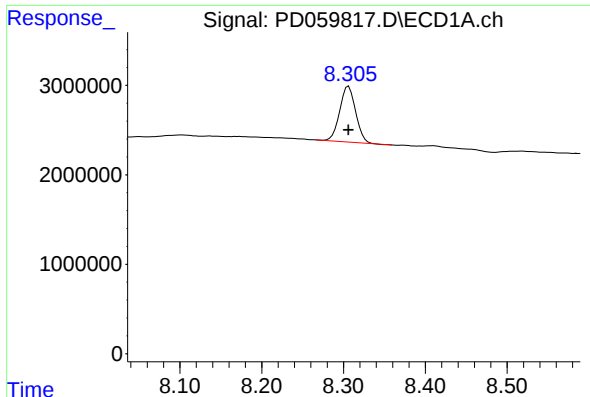
#22 Mirex

R.T.: 7.436 min  
Delta R.T.: 0.000 min  
Response: 8762880  
Conc: 6.43 ng/ml



#22 Mirex

R.T.: 8.222 min  
Delta R.T.: 0.000 min  
Response: 9303193  
Conc: 5.80 ng/ml



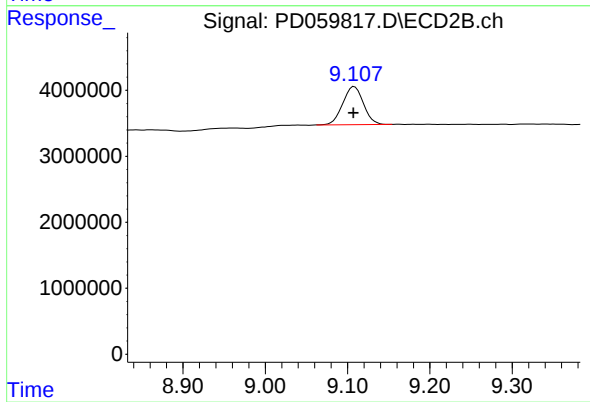
#28 Decachlorobiphenyl

R.T.: 8.306 min  
Delta R.T.: 0.000 min  
Response: 8317483  
Conc: 5.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.108 min  
Delta R.T.: 0.001 min  
Response: 10115270  
Conc: 5.77 ng/ml