

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031221\  
 Data File : PD061577.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2021 21:35  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 13 01:02:42 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 11 04:34:41 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... | 3.486 | 3.983 | 42777601 | 378.6E6 | 53.367  | 45.385  |
| 28)                         | SA Decachlor... | 8.261 | 9.041 | 55079360 | 397.9E6 | 45.673  | 46.112  |
| Target Compounds            |                 |       |       |          |         |         |         |
| 2)                          | A alpha-BHC     | 3.926 | 4.372 | 67605233 | 599.7E6 | 54.860  | 46.268  |
| 3)                          | MA gamma-BHC... | 4.212 | 4.656 | 62963924 | 552.1E6 | 53.494  | 45.505  |
| 4)                          | MA Heptachlor   | 4.515 | 5.164 | 57132483 | 489.7E6 | 46.051  | 38.439  |
| 5)                          | MB Aldrin       | 4.765 | 5.469 | 63126291 | 551.0E6 | 53.892  | 46.075  |
| 6)                          | B beta-BHC      | 4.462 | 4.825 | 26835299 | 221.1E6 | 50.754  | 45.345  |
| 7)                          | B delta-BHC     | 4.668 | 5.042 | 65893594 | 550.4E6 | 55.762  | 45.893  |
| 8)                          | B Heptachlo...  | 5.209 | 5.855 | 58352439 | 537.5E6 | 51.338  | 49.387  |
| 9)                          | A Endosulfan I  | 5.548 | 6.212 | 55778140 | 475.5E6 | 51.342m | 45.703  |
| 10)                         | B gamma-Chl...  | 5.437 | 6.087 | 61031171 | 504.3E6 | 52.443  | 44.590m |
| 11)                         | B alpha-Chl...  | 5.496 | 6.161 | 59820605 | 504.6E6 | 51.679  | 46.285  |
| 12)                         | B 4,4'-DDE      | 5.659 | 6.318 | 61733337 | 486.2E6 | 56.217  | 43.779  |
| 13)                         | MA Dieldrin     | 5.794 | 6.468 | 59952177 | 493.1E6 | 52.240  | 44.624  |
| 14)                         | MA Endrin       | 6.052 | 6.685 | 55118091 | 424.2E6 | 52.189  | 45.250  |
| 15)                         | B Endosulfa...  | 6.326 | 6.894 | 50125065 | 396.9E6 | 50.155  | 44.390  |
| 16)                         | A 4,4'-DDD      | 6.176 | 6.807 | 49934800 | 374.1E6 | 53.742  | 41.780  |
| 17)                         | MA 4,4'-DDT     | 6.418 | 7.105 | 47959001 | 394.4E6 | 48.232  | 42.641  |
| 18)                         | B Endrin al...  | 6.495 | 7.018 | 39541454 | 319.1E6 | 47.876  | 44.416  |
| 19)                         | B Endosulfa...  | 6.709 | 7.241 | 51898580 | 410.5E6 | 49.921  | 44.571  |
| 20)                         | A Methoxychlor  | 6.964 | 7.562 | 25438478 | 187.5E6 | 45.129  | 40.524m |
| 21)                         | B Endrin ke...  | 7.202 | 7.712 | 60832857 | 419.6E6 | 49.236  | 45.488  |
| 22)                         | Mirex           | 7.393 | 8.166 | 42004313 | 259.9E6 | 42.366  | 42.791  |
| -----                       |                 |       |       |          |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031221\  
Data File : PD061577.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2021 21:35  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

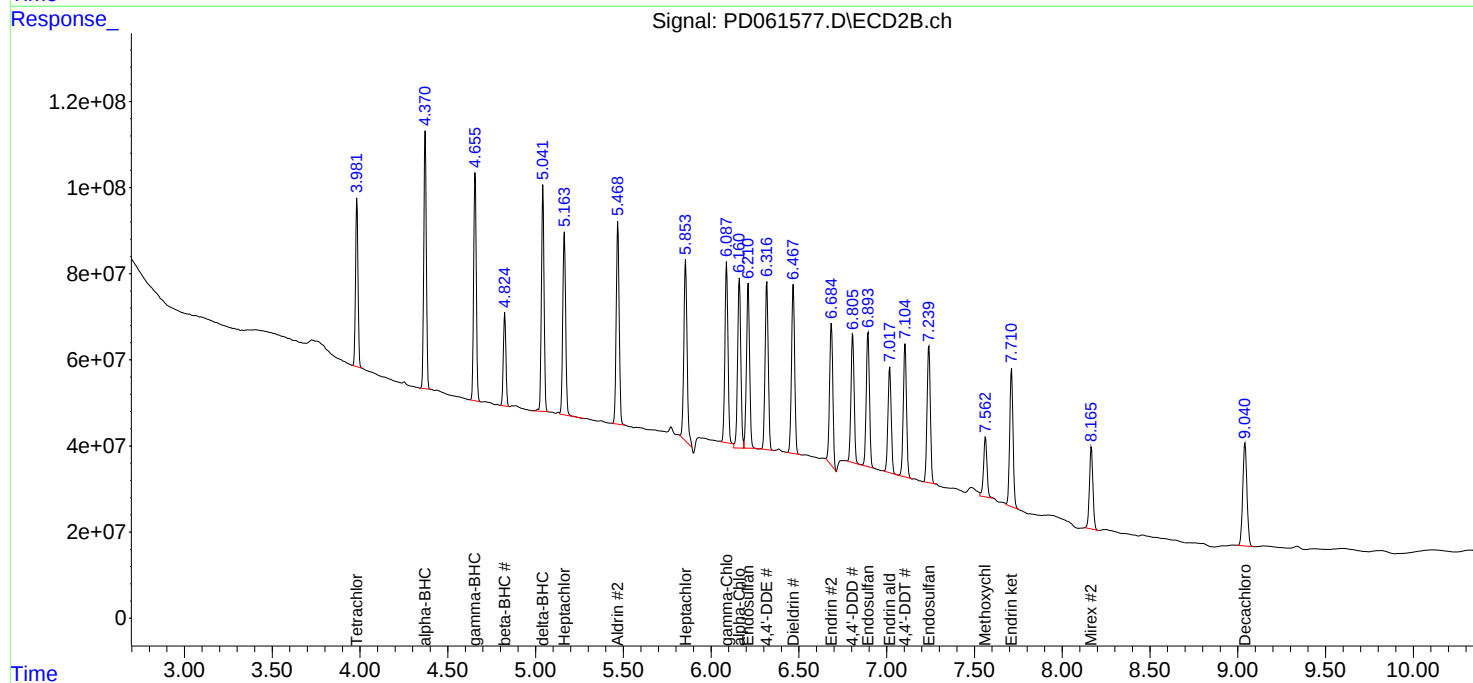
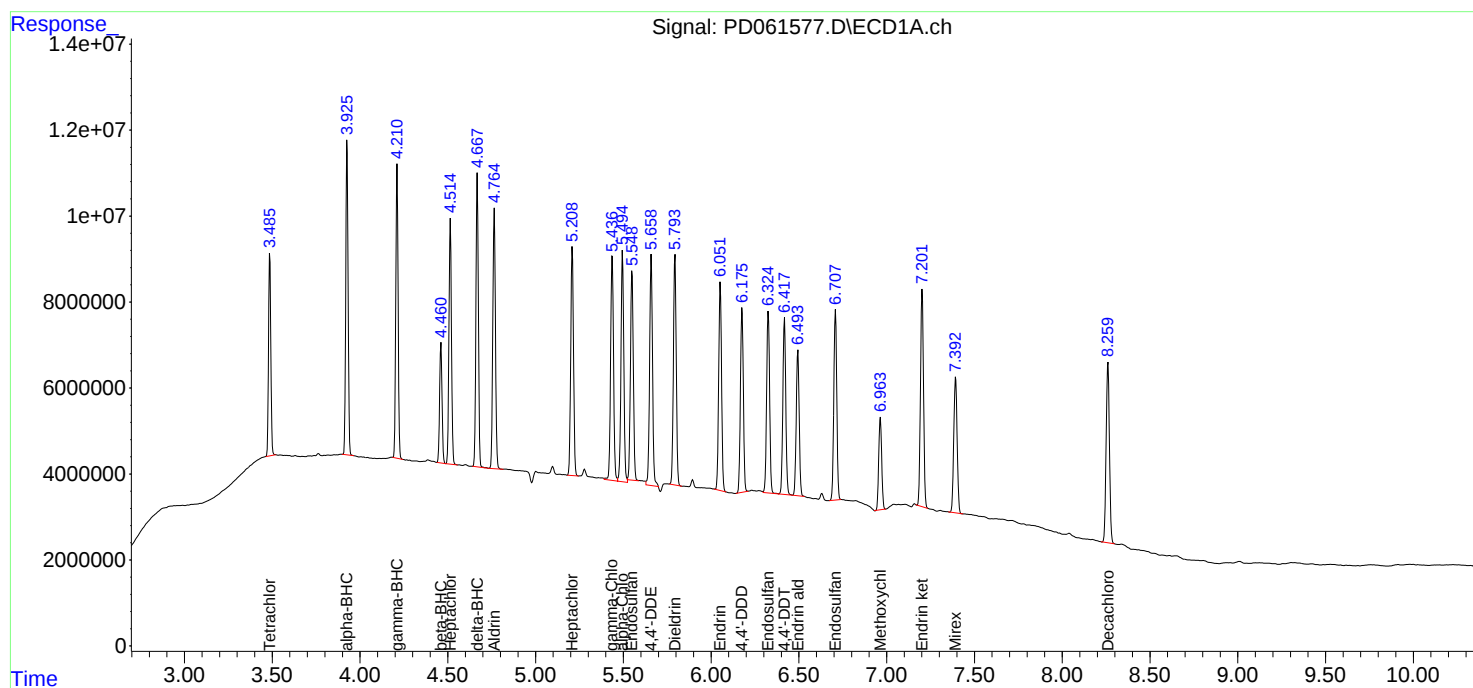
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

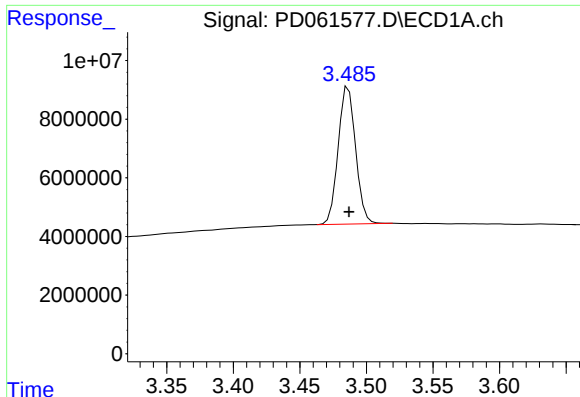
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 13 01:02:42 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 11 04:34:41 2021  
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





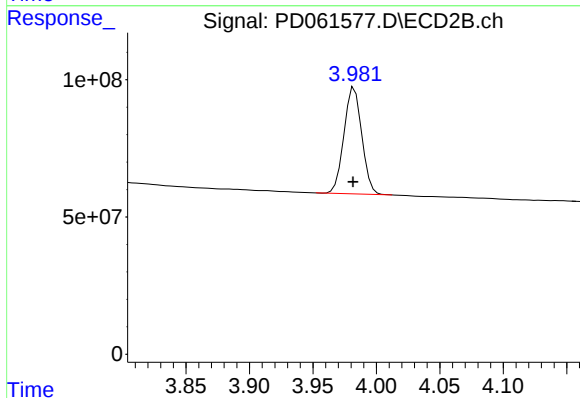
#1 Tetrachloro-m-xylene

R.T.: 3.486 min  
Delta R.T.: 0.000 min  
Response: 42777601  
Conc: 53.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

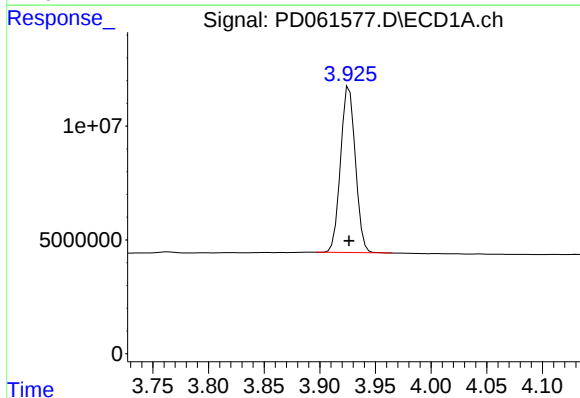
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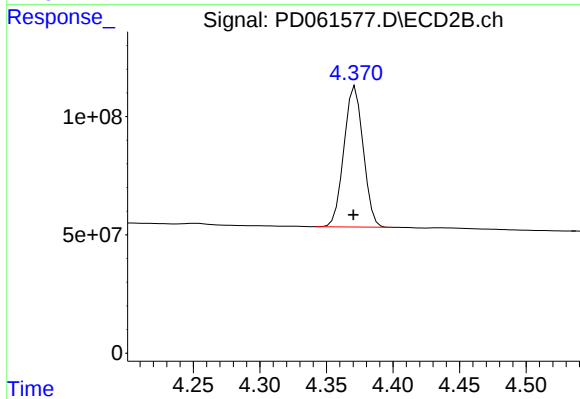
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: 0.001 min  
Response: 378648447  
Conc: 45.38 ng/ml



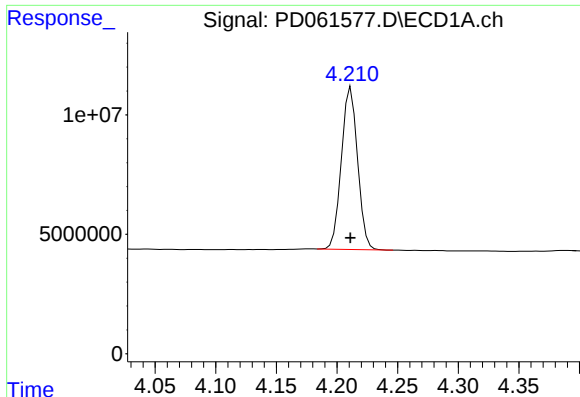
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 67605233  
Conc: 54.86 ng/ml



#2 alpha-BHC

R.T.: 4.372 min  
Delta R.T.: 0.002 min  
Response: 599681850  
Conc: 46.27 ng/ml



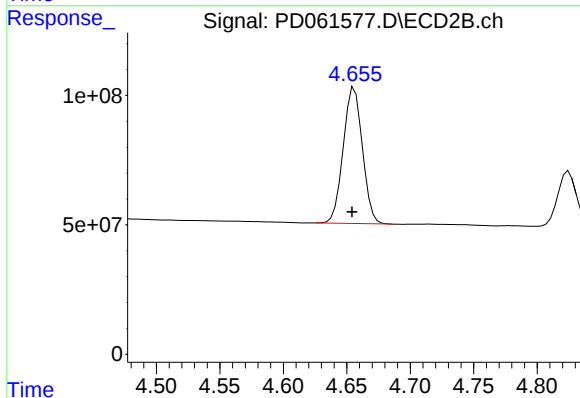
#3 gamma-BHC (Lindane)

R.T.: 4.212 min  
Delta R.T.: 0.000 min  
Response: 62963924  
Conc: 53.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

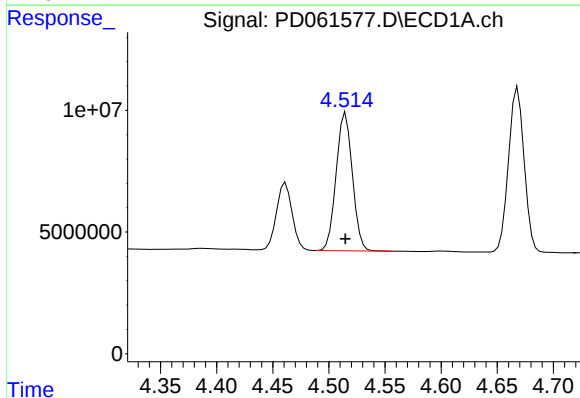
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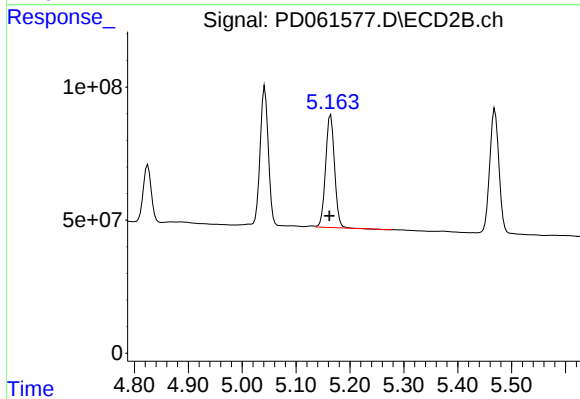
#3 gamma-BHC (Lindane)

R.T.: 4.656 min  
Delta R.T.: 0.002 min  
Response: 552068642  
Conc: 45.51 ng/ml



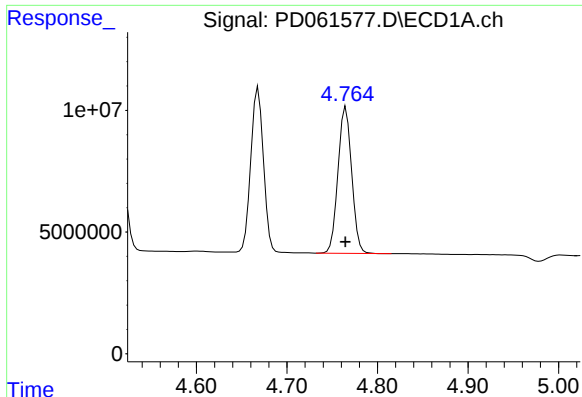
#4 Heptachlor

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 57132483  
Conc: 46.05 ng/ml



#4 Heptachlor

R.T.: 5.164 min  
Delta R.T.: 0.002 min  
Response: 489692258  
Conc: 38.44 ng/ml



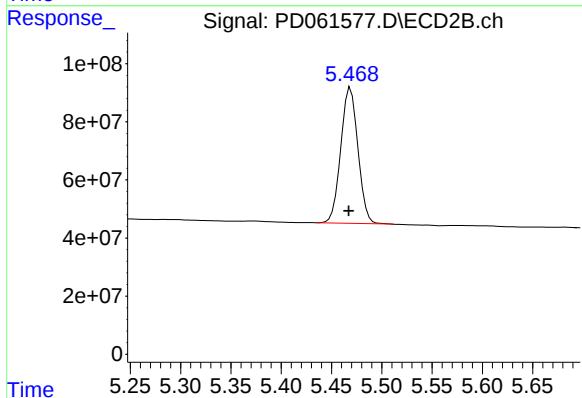
#5 Aldrin

R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 63126291  
Conc: 53.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

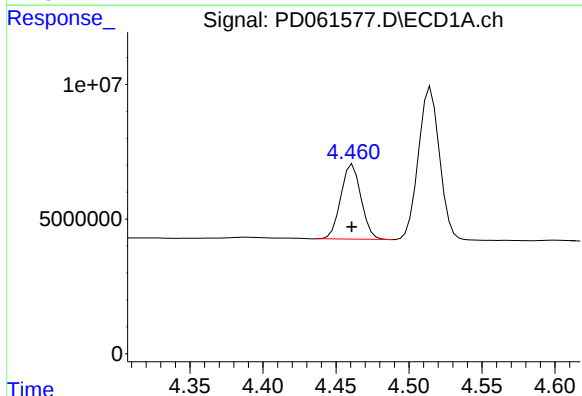
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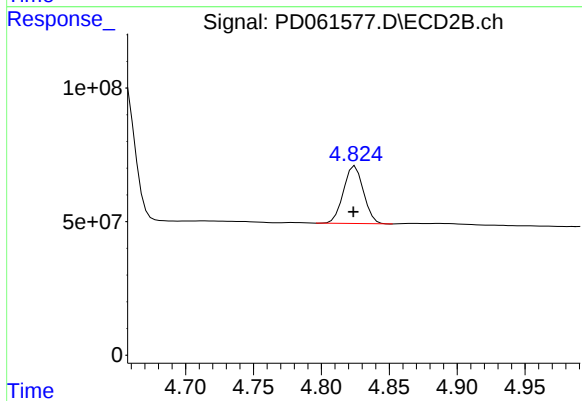
#5 Aldrin

R.T.: 5.469 min  
Delta R.T.: 0.002 min  
Response: 551005883  
Conc: 46.08 ng/ml



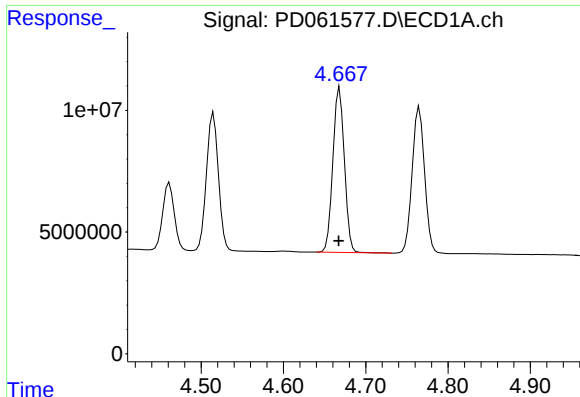
#6 beta-BHC

R.T.: 4.462 min  
Delta R.T.: 0.000 min  
Response: 26835299  
Conc: 50.75 ng/ml



#6 beta-BHC

R.T.: 4.825 min  
Delta R.T.: 0.001 min  
Response: 221135504  
Conc: 45.35 ng/ml



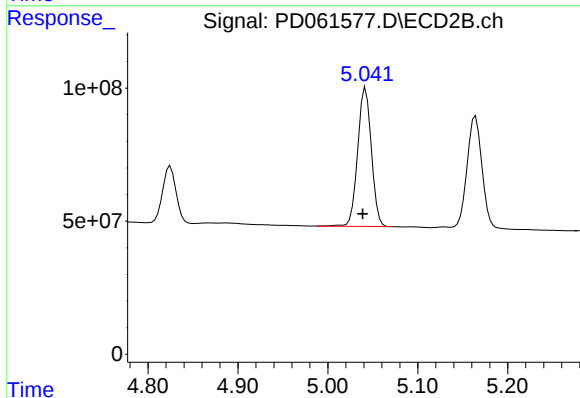
#7 delta-BHC

R.T.: 4.668 min  
Delta R.T.: 0.001 min  
Response: 65893594  
Conc: 55.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

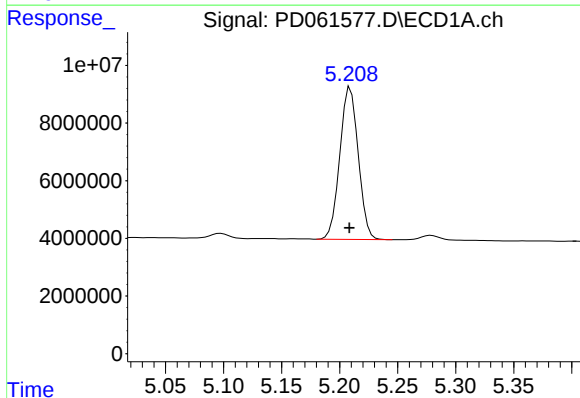
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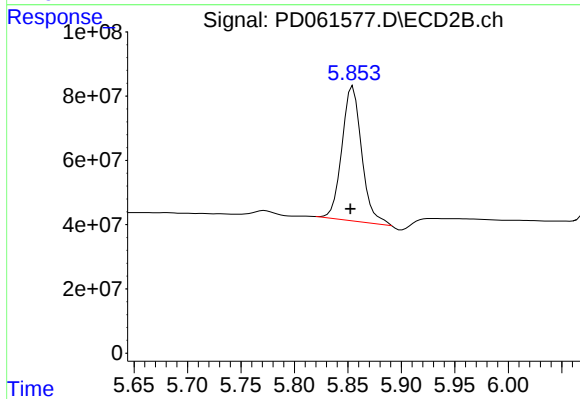
#7 delta-BHC

R.T.: 5.042 min  
Delta R.T.: 0.003 min  
Response: 550362177  
Conc: 45.89 ng/ml



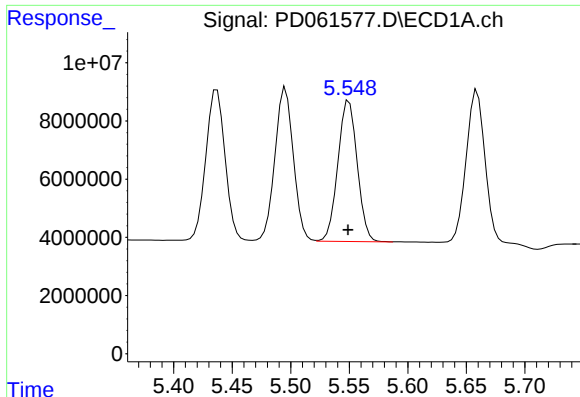
#8 Heptachlor epoxide

R.T.: 5.209 min  
Delta R.T.: 0.001 min  
Response: 58352439  
Conc: 51.34 ng/ml



#8 Heptachlor epoxide

R.T.: 5.855 min  
Delta R.T.: 0.002 min  
Response: 537500227  
Conc: 49.39 ng/ml



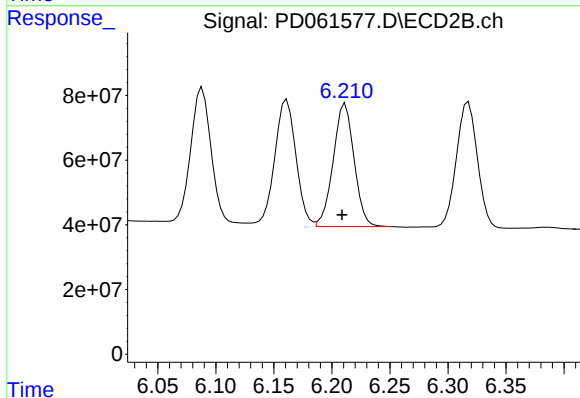
#9 Endosulfan I

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 55778140  
Conc: 51.34 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

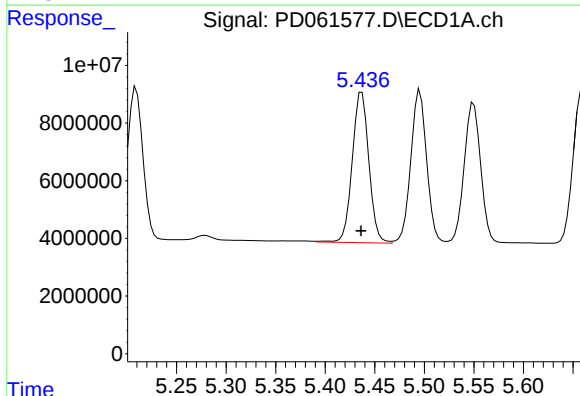
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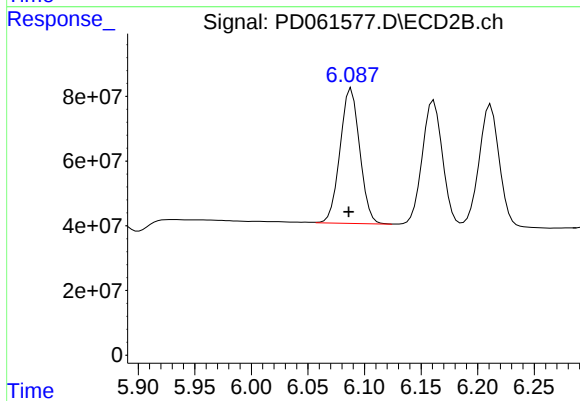
#9 Endosulfan I

R.T.: 6.212 min  
Delta R.T.: 0.003 min  
Response: 475483805  
Conc: 45.70 ng/ml



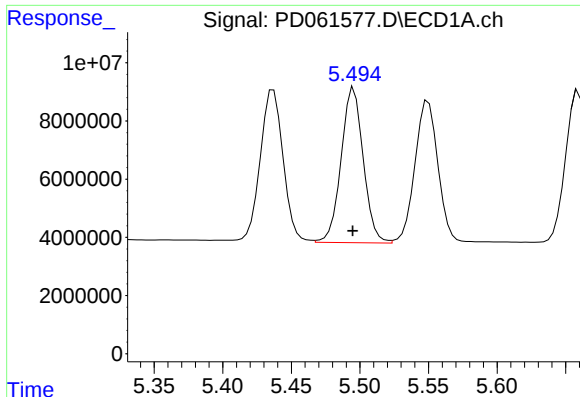
#10 gamma-Chlordane

R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 61031171  
Conc: 52.44 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.001 min  
Response: 504263791  
Conc: 44.59 ng/ml m



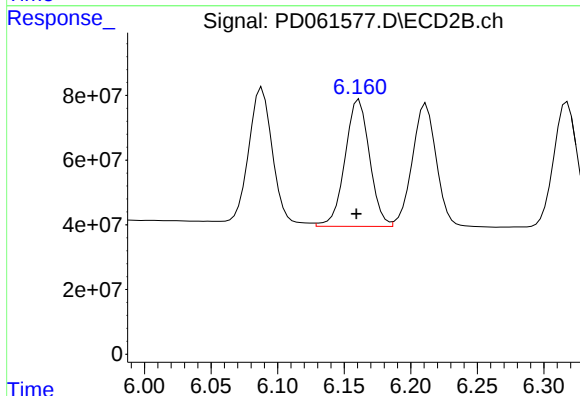
#11 alpha-Chlordane

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 59820605  
Conc: 51.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

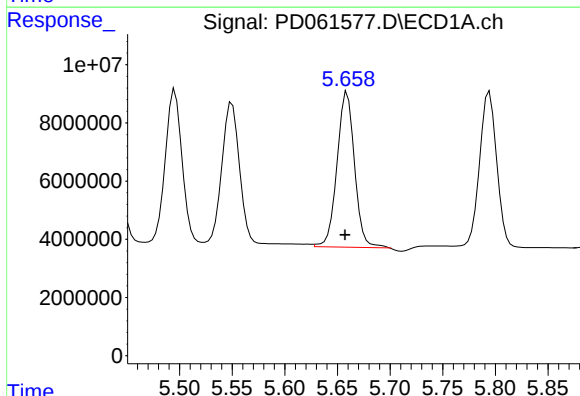
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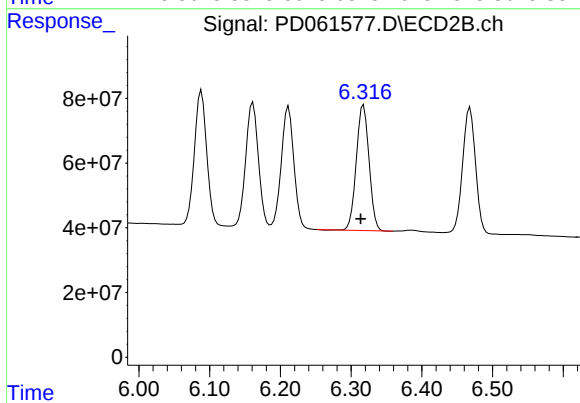
#11 alpha-Chlordane

R.T.: 6.161 min  
Delta R.T.: 0.002 min  
Response: 504638595  
Conc: 46.29 ng/ml



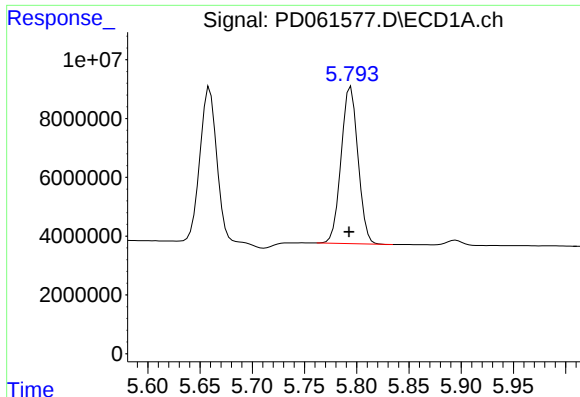
#12 4,4'-DDE

R.T.: 5.659 min  
Delta R.T.: 0.002 min  
Response: 61733337  
Conc: 56.22 ng/ml



#12 4,4'-DDE

R.T.: 6.318 min  
Delta R.T.: 0.004 min  
Response: 486241559  
Conc: 43.78 ng/ml



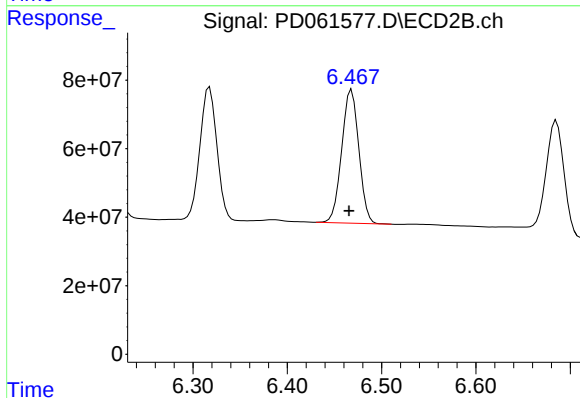
#13 Dieldrin

R.T.: 5.794 min  
Delta R.T.: 0.002 min  
Response: 59952177  
Conc: 52.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

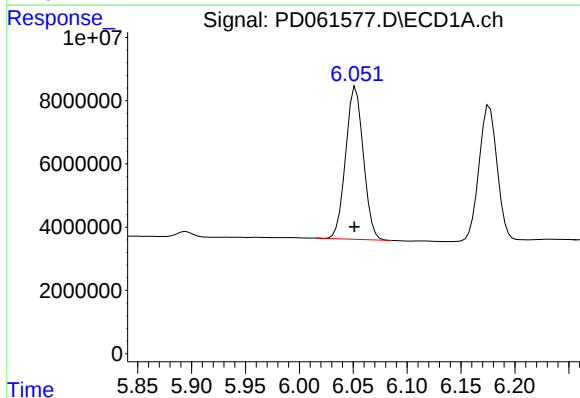
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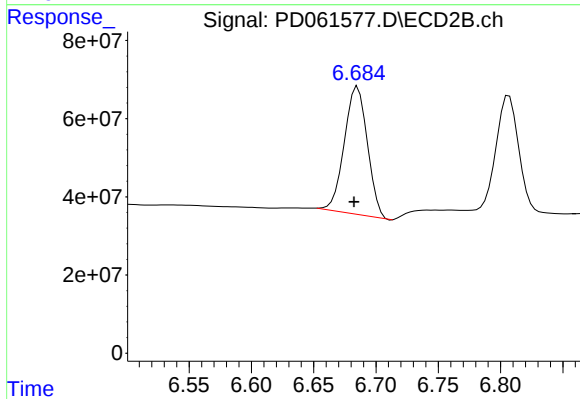
#13 Dieldrin

R.T.: 6.468 min  
Delta R.T.: 0.003 min  
Response: 493077447  
Conc: 44.62 ng/ml



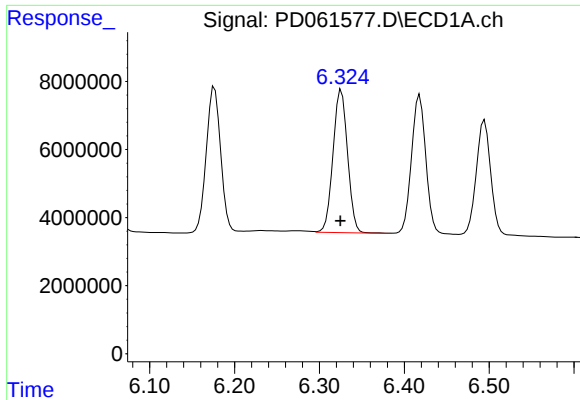
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: 0.001 min  
Response: 55118091  
Conc: 52.19 ng/ml



#14 Endrin

R.T.: 6.685 min  
Delta R.T.: 0.003 min  
Response: 424185263  
Conc: 45.25 ng/ml



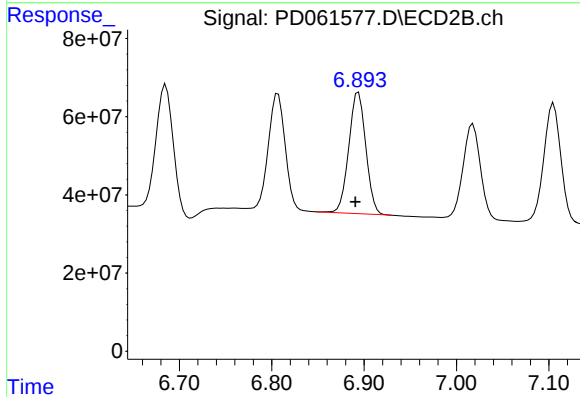
#15 Endosulfan II

R.T.: 6.326 min  
Delta R.T.: 0.001 min  
Response: 50125065  
Conc: 50.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

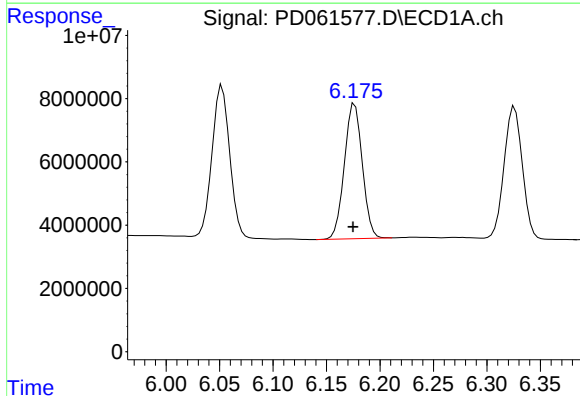
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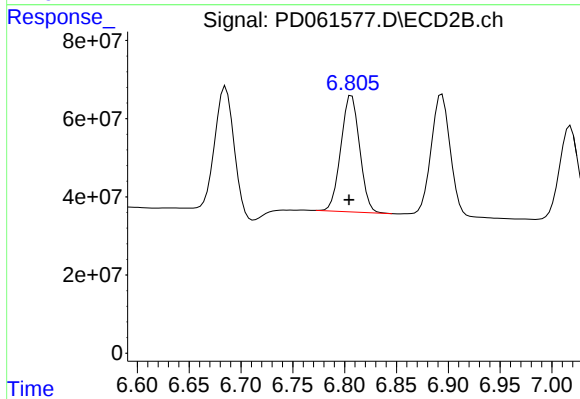
#15 Endosulfan II

R.T.: 6.894 min  
Delta R.T.: 0.003 min  
Response: 396927779  
Conc: 44.39 ng/ml



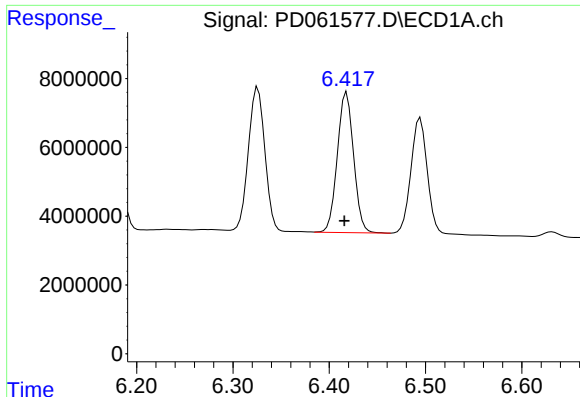
#16 4,4'-DDD

R.T.: 6.176 min  
Delta R.T.: 0.002 min  
Response: 49934800  
Conc: 53.74 ng/ml



#16 4,4'-DDD

R.T.: 6.807 min  
Delta R.T.: 0.003 min  
Response: 374062898  
Conc: 41.78 ng/ml



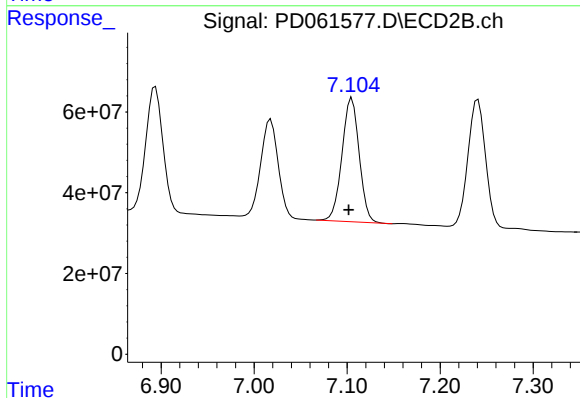
#17 4,4'-DDT

R.T.: 6.418 min  
Delta R.T.: 0.003 min  
Response: 47959001  
Conc: 48.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

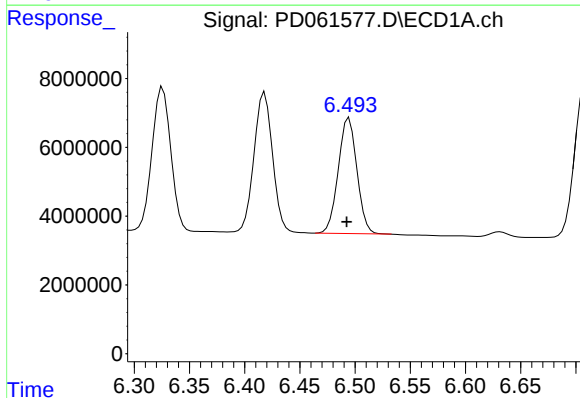
Manual Integrations  
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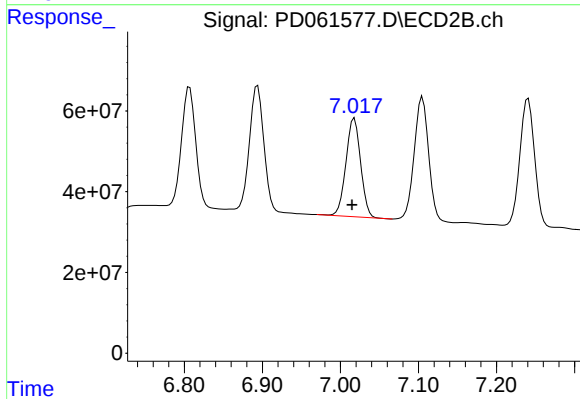
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: 0.004 min  
Response: 394398769  
Conc: 42.64 ng/ml



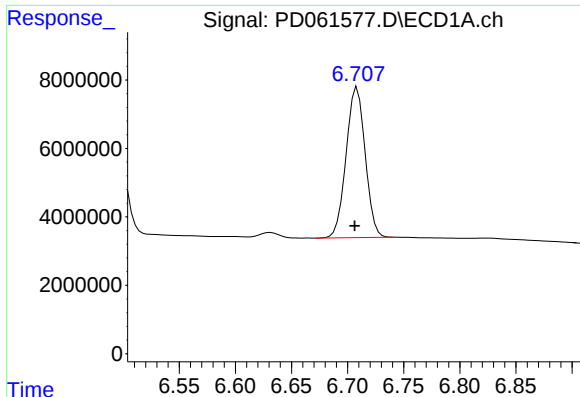
#18 Endrin aldehyde

R.T.: 6.495 min  
Delta R.T.: 0.002 min  
Response: 39541454  
Conc: 47.88 ng/ml



#18 Endrin aldehyde

R.T.: 7.018 min  
Delta R.T.: 0.003 min  
Response: 319061483  
Conc: 44.42 ng/ml



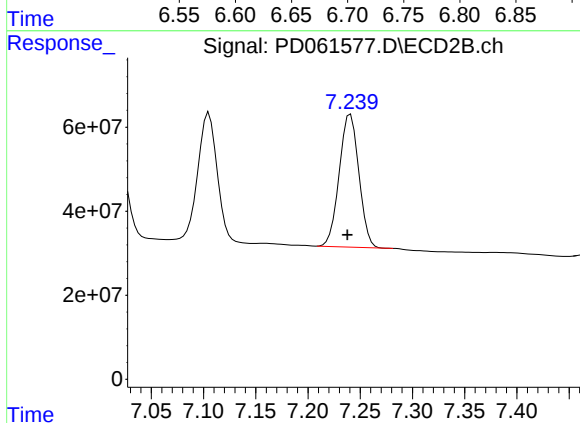
#19 Endosulfan Sulfate

R.T.: 6.709 min  
Delta R.T.: 0.002 min  
Response: 51898580  
Conc: 49.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

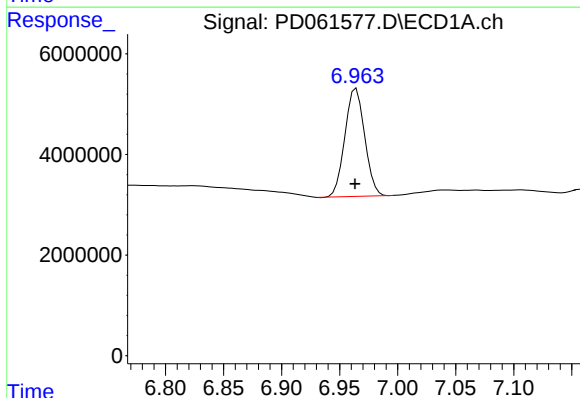
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3/15/2021 10:51:50 AM



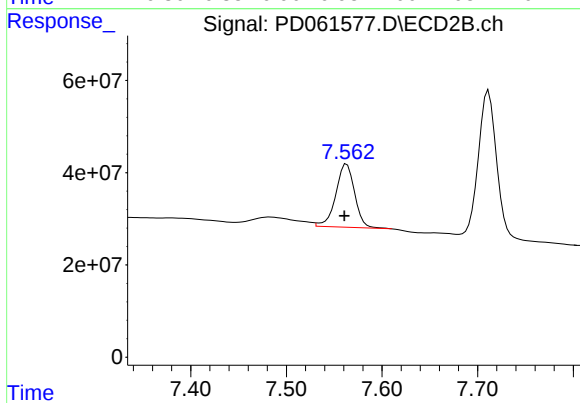
#19 Endosulfan Sulfate

R.T.: 7.241 min  
Delta R.T.: 0.003 min  
Response: 410537333  
Conc: 44.57 ng/ml



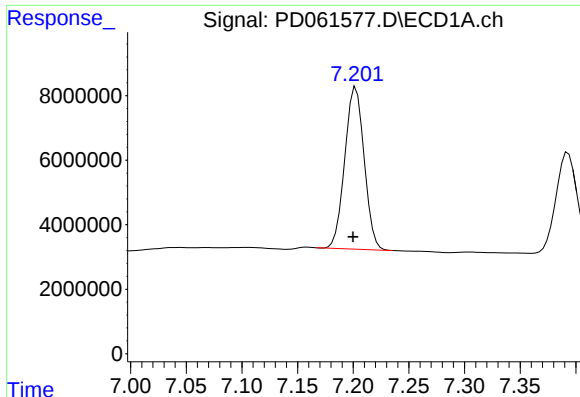
#20 Methoxychlor

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 25438478  
Conc: 45.13 ng/ml



#20 Methoxychlor

R.T.: 7.562 min  
Delta R.T.: 0.000 min  
Response: 187479208  
Conc: 40.52 ng/ml m



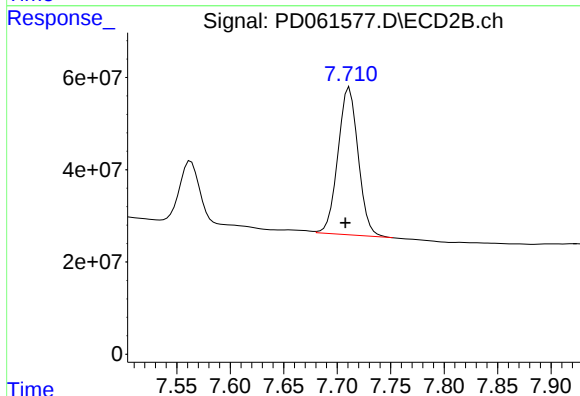
#21 Endrin ketone

R.T.: 7.202 min  
Delta R.T.: 0.003 min  
Response: 60832857  
Conc: 49.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

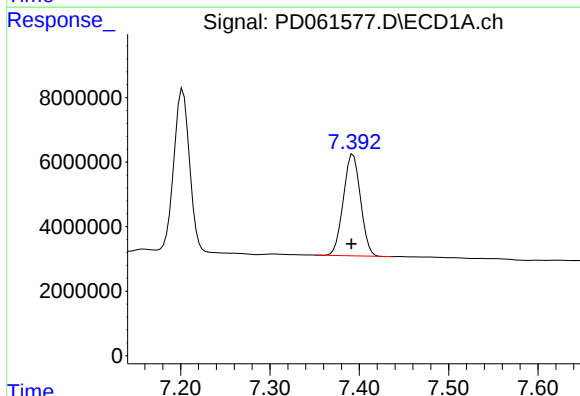
Manual Integrations  
APPROVED

Ankita  
3/15/2021 10:51:50 AM



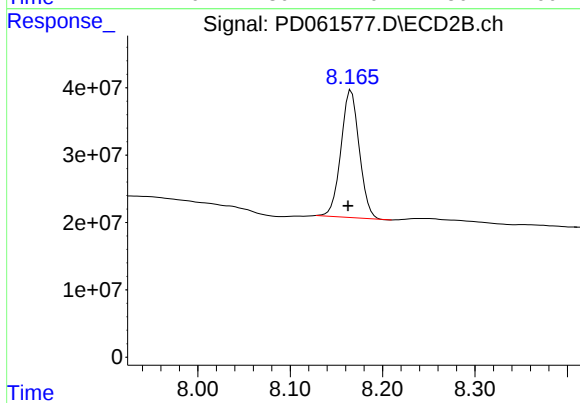
#21 Endrin ketone

R.T.: 7.712 min  
Delta R.T.: 0.004 min  
Response: 419612281  
Conc: 45.49 ng/ml



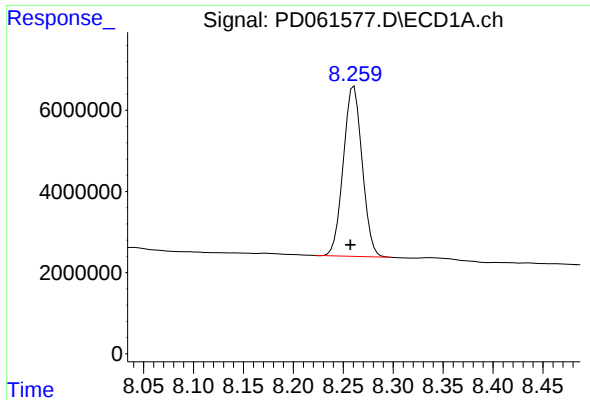
#22 Mirex

R.T.: 7.393 min  
Delta R.T.: 0.002 min  
Response: 42004313  
Conc: 42.37 ng/ml



#22 Mirex

R.T.: 8.166 min  
Delta R.T.: 0.004 min  
Response: 259891011  
Conc: 42.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.261 min

Delta R.T.: 0.003 min

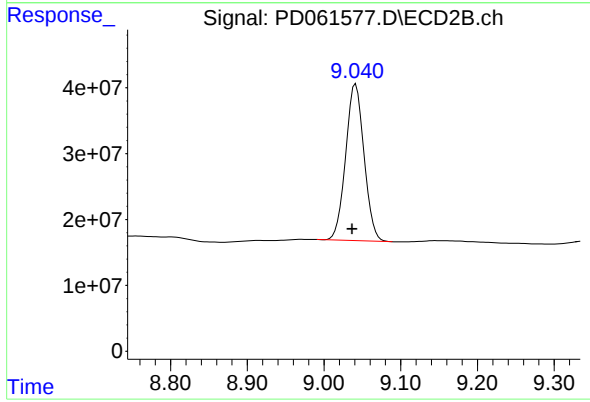
Response: 55079360

Conc: 45.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Ankita  
3/15/2021 10:51:50 AM



#28 Decachlorobiphenyl

R.T.: 9.041 min

Delta R.T.: 0.005 min

Response: 397857123

Conc: 46.11 ng/ml