

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031225\  
 Data File : PD087956.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 12:15  
 Operator : AR\AJ  
 Sample : INDB320  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDB3235

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/13/2025  
 Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 13 10:04:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021825CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 24 15:08:04 2025  
 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 x 0.5 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... | 3.556 | 2.884 | 37541539 | 294.3E6 | 17.991  | 21.883  |
| 2)                          | SA Decachlor... | 9.084 | 8.080 | 120.4E6  | 653.3E6 | 36.550  | 41.323  |
| Target Compounds            |                 |       |       |          |         |         |         |
| 5)                          | MB Aldrin       | 5.279 | 4.374 | 70545669 | 410.1E6 | 17.699  | 20.911  |
| 6)                          | B beta-BHC      | 4.521 | 4.028 | 31454193 | 190.3E6 | 17.952  | 21.356m |
| 7)                          | B delta-BHC     | 4.768 | 4.266 | 74626913 | 418.3E6 | 18.271m | 20.775  |
| 8)                          | B Heptachlo...  | 5.698 | 4.879 | 66562136 | 378.4E6 | 18.055  | 20.759  |
| 10)                         | B trans-Chl...  | 5.953 | 5.132 | 64537631 | 397.4E6 | 17.764  | 20.732  |
| 11)                         | B cis-Chlor...  | 6.034 | 5.197 | 64754993 | 382.8E6 | 17.768  | 20.701  |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.382 | 121.9E6  | 729.9E6 | 35.779  | 41.123  |
| 15)                         | B Endosulfa...  | 6.793 | 6.087 | 114.1E6  | 661.1E6 | 36.198  | 41.764  |
| 18)                         | B Endrin al...  | 6.922 | 6.265 | 87215348 | 514.5E6 | 36.761  | 41.337  |
| 19)                         | B Endosulfa...  | 7.157 | 6.489 | 106.4E6  | 644.3E6 | 36.513  | 41.271  |
| 21)                         | B Endrin ke...  | 7.638 | 6.998 | 117.6E6  | 702.1E6 | 36.768  | 41.730  |
| -----                       |                 |       |       |          |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031225\  
Data File : PD087956.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 12:15  
Operator : AR\AJ  
Sample : INDB320  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

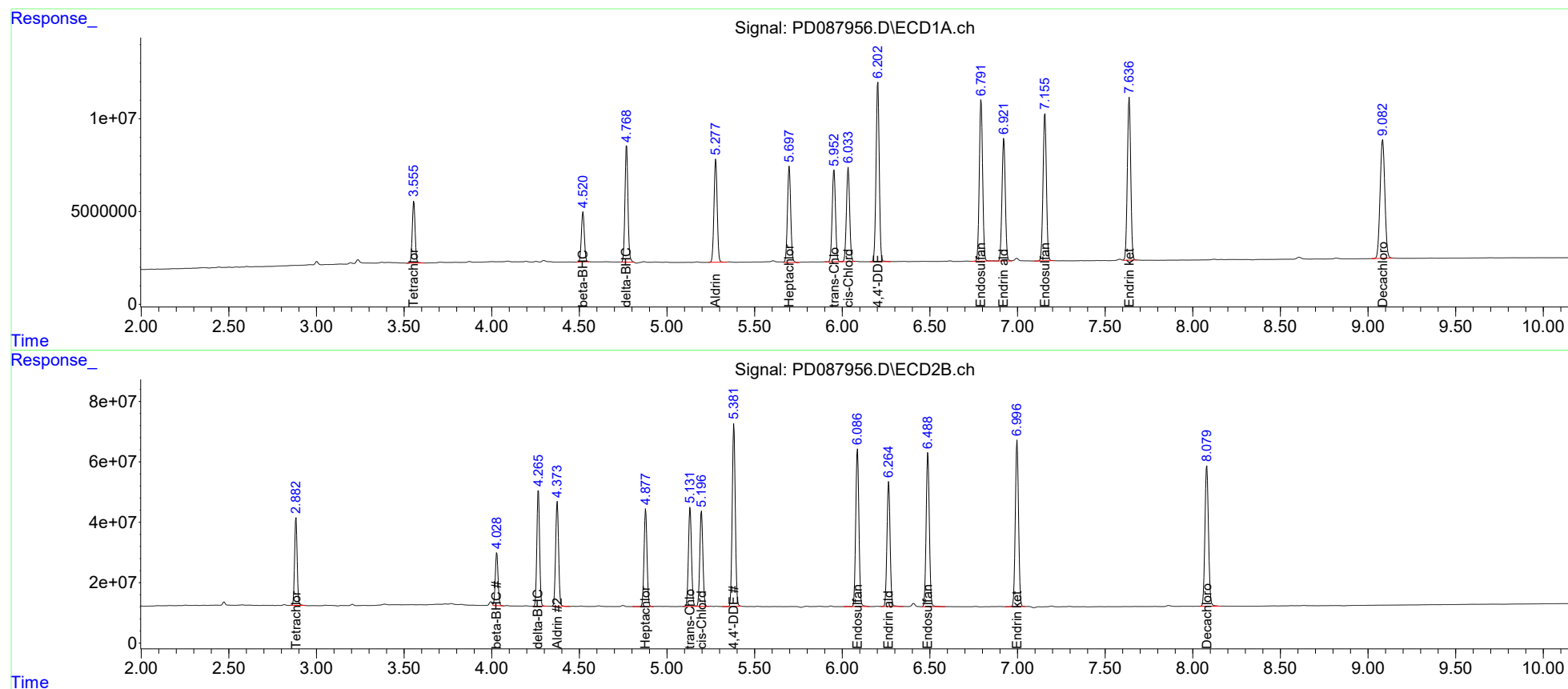
Instrument :  
ECD\_D  
Client Sample Id :  
INDB3235

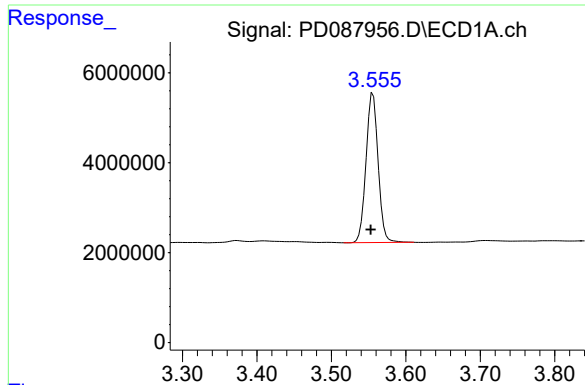
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 13 10:04:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021825CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 24 15:08:04 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





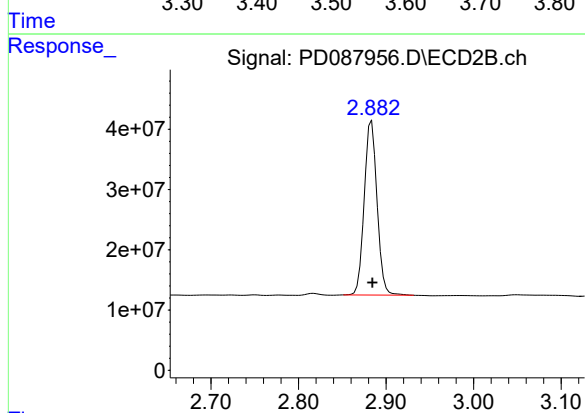
#1 Tetrachloro-m-xylene

R.T.: 3.556 min  
Delta R.T.: 0.003 min  
Response: 37541539  
Conc: 17.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB3235

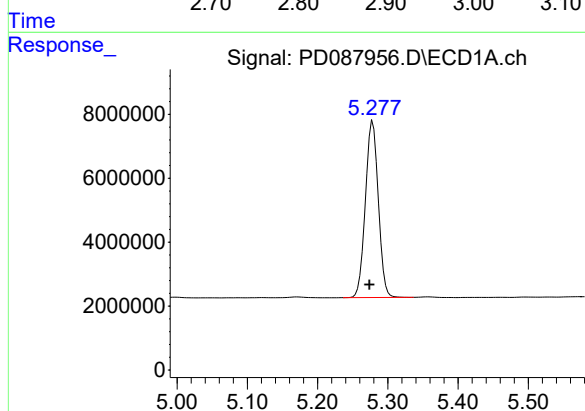
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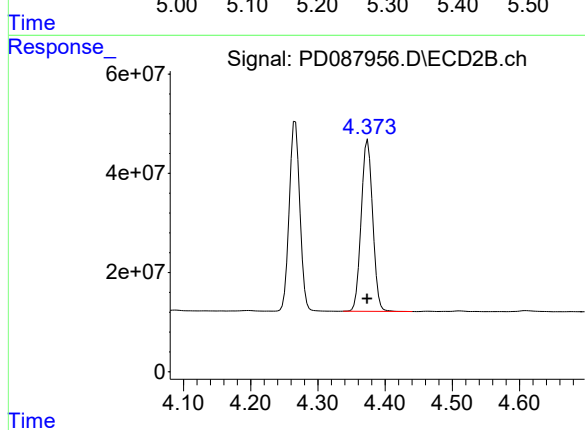
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 294340267  
Conc: 21.88 ng/ml



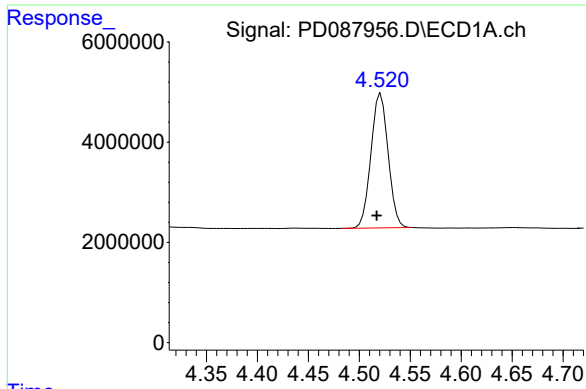
#5 Aldrin

R.T.: 5.279 min  
Delta R.T.: 0.004 min  
Response: 70545669  
Conc: 17.70 ng/ml



#5 Aldrin

R.T.: 4.374 min  
Delta R.T.: 0.000 min  
Response: 410088908  
Conc: 20.91 ng/ml



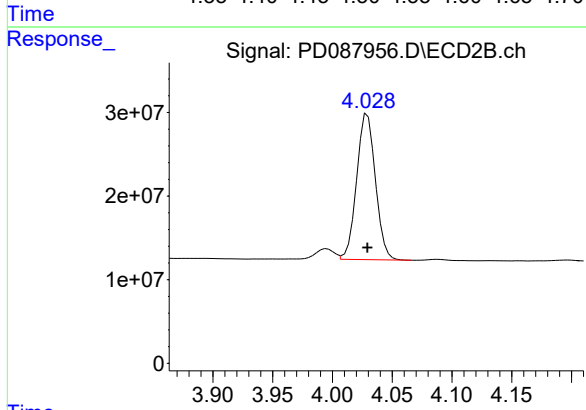
#6 beta-BHC

R.T.: 4.521 min  
Delta R.T.: 0.004 min  
Response: 31454193  
Conc: 17.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB3235

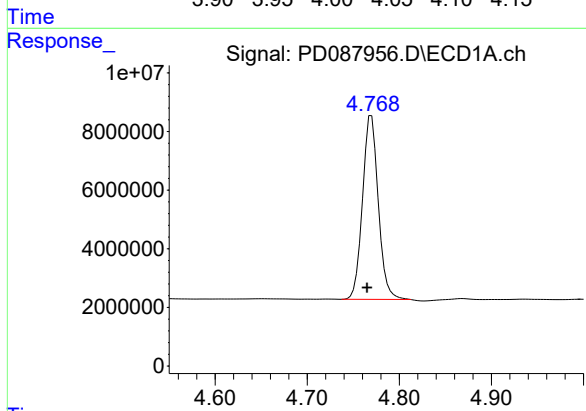
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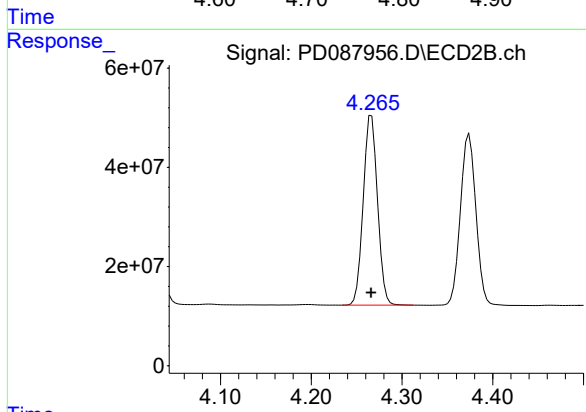
#6 beta-BHC

R.T.: 4.028 min  
Delta R.T.: -0.002 min  
Response: 190285116  
Conc: 21.36 ng/ml



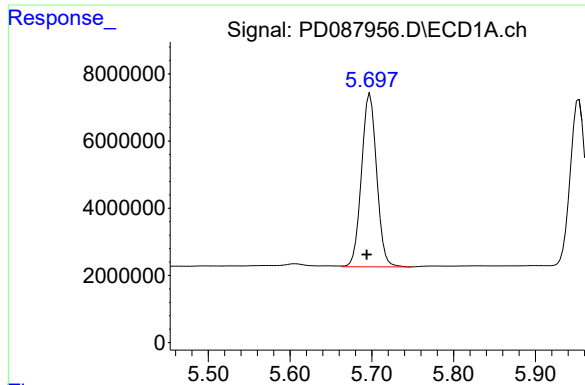
#7 delta-BHC

R.T.: 4.768 min  
Delta R.T.: 0.003 min  
Response: 74626913  
Conc: 18.27 ng/ml



#7 delta-BHC

R.T.: 4.266 min  
Delta R.T.: 0.000 min  
Response: 418322364  
Conc: 20.78 ng/ml



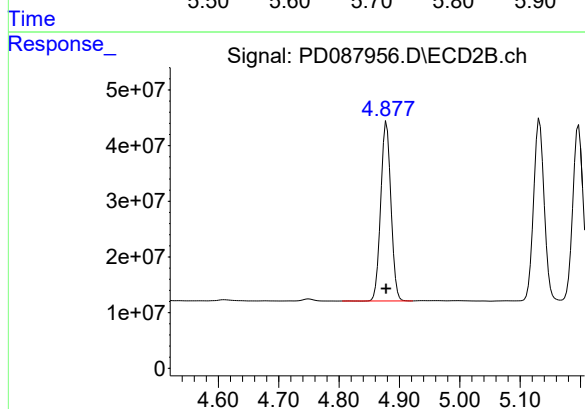
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: 0.004 min  
Response: 66562136  
Conc: 18.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB3235

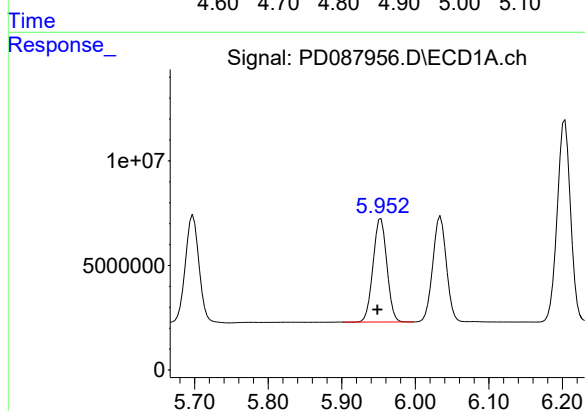
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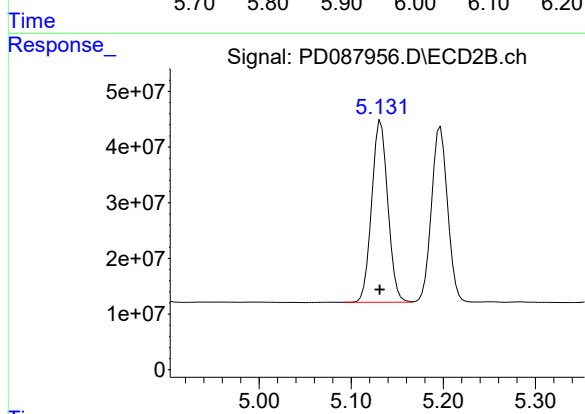
#8 Heptachlor epoxide

R.T.: 4.879 min  
Delta R.T.: 0.000 min  
Response: 378357116  
Conc: 20.76 ng/ml



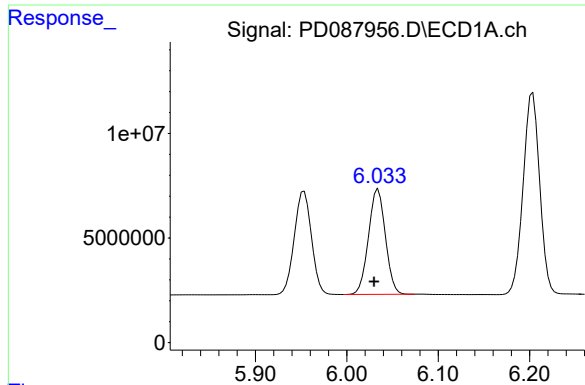
#10 trans-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.004 min  
Response: 64537631  
Conc: 17.76 ng/ml



#10 trans-Chlordane

R.T.: 5.132 min  
Delta R.T.: 0.000 min  
Response: 397389540  
Conc: 20.73 ng/ml



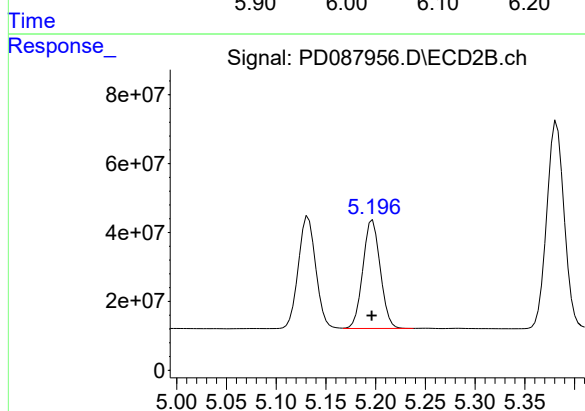
#11 cis-Chlordane

R.T.: 6.034 min  
Delta R.T.: 0.004 min  
Response: 64754993  
Conc: 17.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB3235

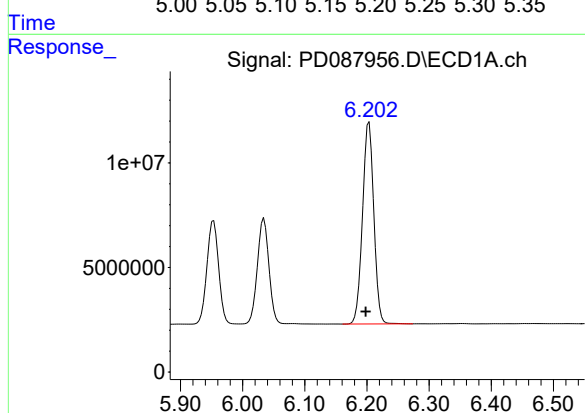
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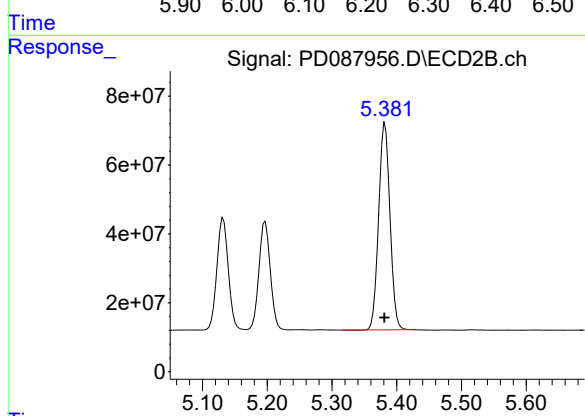
#11 cis-Chlordane

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 382816256  
Conc: 20.70 ng/ml



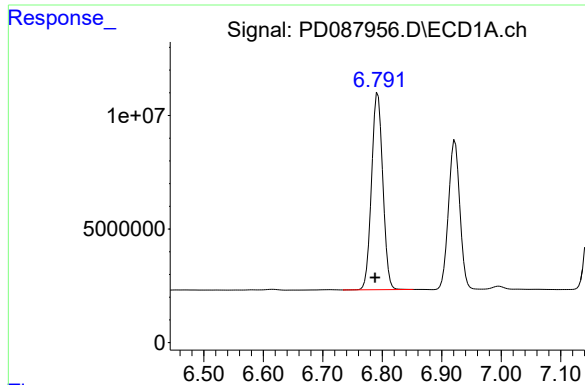
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.005 min  
Response: 121868789  
Conc: 35.78 ng/ml



#12 4,4'-DDE

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 729865880  
Conc: 41.12 ng/ml



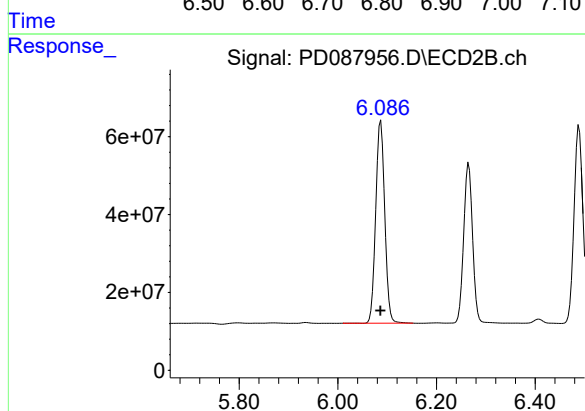
#15 Endosulfan II

R.T.: 6.793 min  
Delta R.T.: 0.004 min  
Response: 114097236  
Conc: 36.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB3235

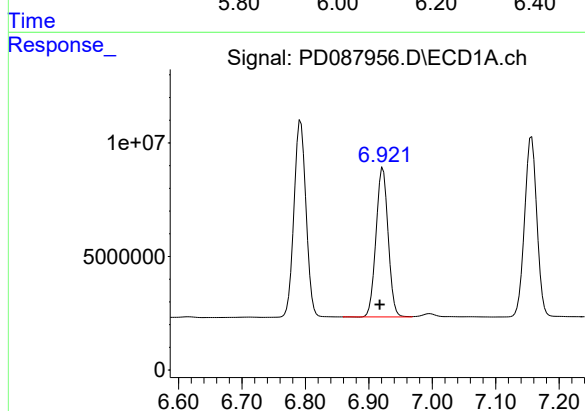
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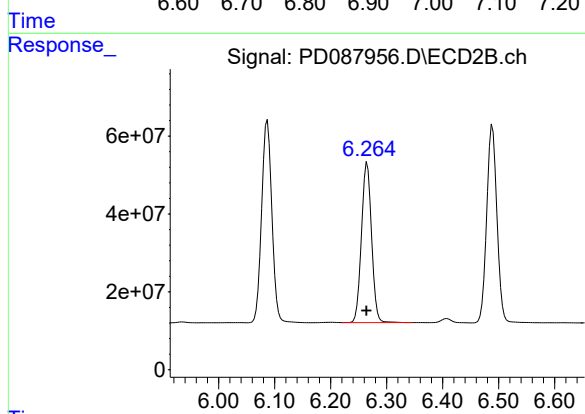
#15 Endosulfan II

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 661072798  
Conc: 41.76 ng/ml



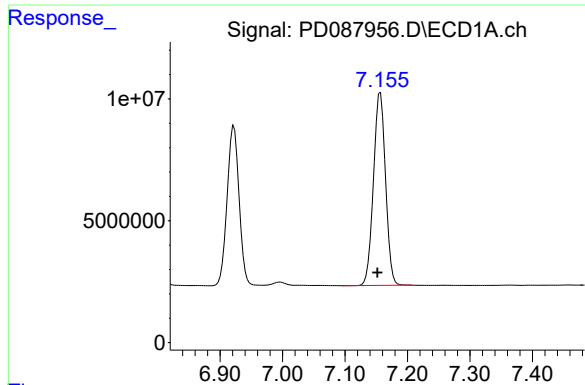
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: 0.005 min  
Response: 87215348  
Conc: 36.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.265 min  
Delta R.T.: 0.000 min  
Response: 514469779  
Conc: 41.34 ng/ml



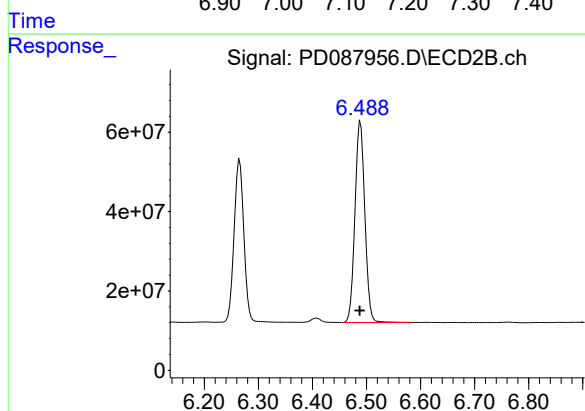
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: 0.004 min  
Response: 106355310  
Conc: 36.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB3235

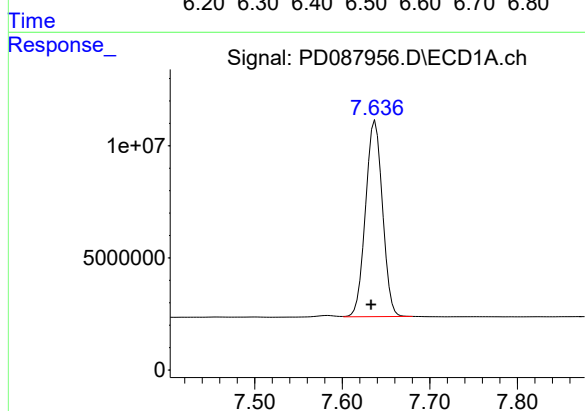
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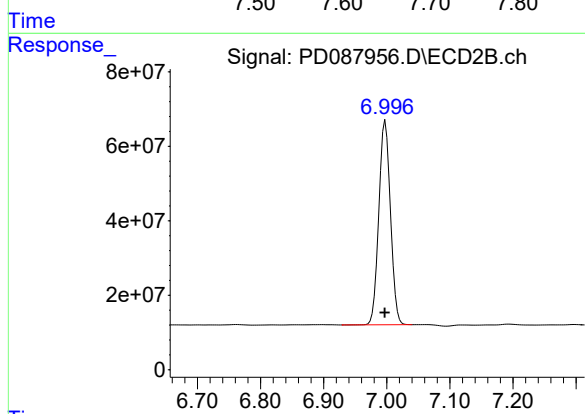
#19 Endosulfan Sulfate

R.T.: 6.489 min  
Delta R.T.: 0.001 min  
Response: 644308175  
Conc: 41.27 ng/ml



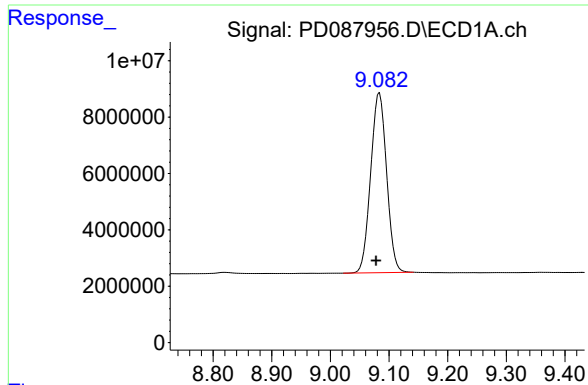
#21 Endrin ketone

R.T.: 7.638 min  
Delta R.T.: 0.005 min  
Response: 117588142  
Conc: 36.77 ng/ml



#21 Endrin ketone

R.T.: 6.998 min  
Delta R.T.: 0.000 min  
Response: 702147228  
Conc: 41.73 ng/ml



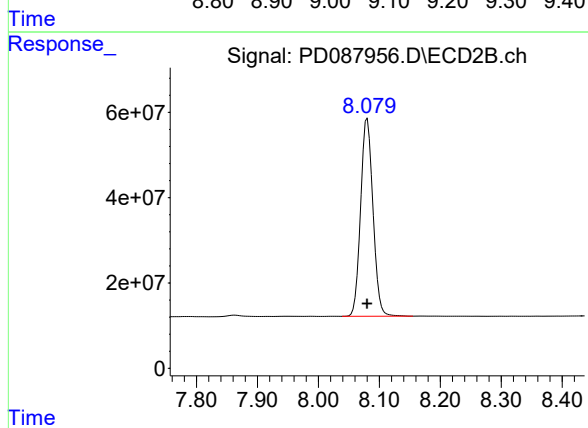
#27 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: 0.005 min  
Response: 120430471  
Conc: 36.55 ng/ml

Instrument :  
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#27 Decachlorobiphenyl

R.T.: 8.080 min  
Delta R.T.: 0.000 min  
Response: 653312276  
Conc: 41.32 ng/ml