

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020420\  
 Data File : PL056320.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2020 17:13  
 Operator : AJ\MA  
 Sample : L1383-01MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-AMS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 03:19:27 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|----------|
| -----                       |                 |       |       |         |          |         |          |
| System Monitoring Compounds |                 |       |       |         |          |         |          |
| 1)                          | SA Tetrachlo... | 3.497 | 4.015 | 178.4E6 | 54506462 | 17.035  | 18.641   |
| 2)                          | SA Decachlor... | 8.251 | 9.094 | 176.0E6 | 35547333 | 16.718  | 15.715m  |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.936 | 4.405 | 765.4E6 | 230.3E6  | 42.950  | 52.618   |
| 3)                          | MA gamma-BHC... | 4.221 | 4.690 | 725.2E6 | 226.9E6  | 44.293  | 55.341   |
| 4)                          | MA Heptachlor   | 4.522 | 5.198 | 708.5E6 | 198.4E6  | 44.134  | 55.467 # |
| 5)                          | MB Aldrin       | 4.771 | 5.504 | 670.3E6 | 179.7E6  | 41.205  | 51.122   |
| 6)                          | B beta-BHC      | 4.470 | 4.862 | 277.5E6 | 74589759 | 42.128  | 45.497   |
| 7)                          | B delta-BHC     | 4.675 | 5.079 | 667.6E6 | 181.8E6  | 41.640  | 56.687 # |
| 8)                          | B Heptachlo...  | 5.213 | 5.891 | 626.6E6 | 150.7E6  | 40.737  | 48.433   |
| 9)                          | A Endosulfan I  | 5.554 | 6.249 | 581.2E6 | 136.1E6  | 40.053  | 45.487   |
| 10)                         | B gamma-Chl...  | 5.441 | 6.126 | 588.8E6 | 164.1E6  | 37.546  | 51.598 # |
| 11)                         | B alpha-Chl...  | 5.499 | 6.198 | 565.5E6 | 147.7E6  | 36.761  | 46.596 # |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.356 | 571.5E6 | 140.3E6  | 39.431  | 46.848   |
| 13)                         | MA Dieldrin     | 5.797 | 6.506 | 619.6E6 | 142.1E6  | 40.286  | 45.772   |
| 14)                         | MA Endrin       | 6.054 | 6.725 | 538.3E6 | 125.5E6  | 38.305  | 47.891 # |
| 15)                         | B Endosulfa...  | 6.327 | 6.935 | 513.4E6 | 132.1E6  | 39.254  | 49.056   |
| 16)                         | A 4,4'-DDD      | 6.177 | 6.848 | 468.7E6 | 126.5E6  | 43.605m | 53.596   |
| 17)                         | MA 4,4'-DDT     | 6.419 | 7.147 | 436.0E6 | 113.7E6  | 39.898  | 49.531   |
| 18)                         | B Endrin al...  | 6.495 | 7.060 | 402.3E6 | 106.9E6  | 36.775  | 47.066 # |
| 19)                         | B Endosulfa...  | 6.707 | 7.283 | 478.7E6 | 113.4E6  | 39.371  | 44.810   |
| 20)                         | A Methoxychlor  | 6.963 | 7.607 | 219.2E6 | 58503112 | 41.272  | 47.715   |
| 21)                         | B Endrin ke...  | 7.199 | 7.756 | 504.5E6 | 119.2E6  | 38.555  | 44.703   |
| 22)                         | Mirex           | 7.389 | 8.211 | 336.5E6 | 86120740 | 36.415  | 47.376 # |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020420\  
Data File : PL056320.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2020 17:13  
Operator : AJ\MA  
Sample : L1383-01MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

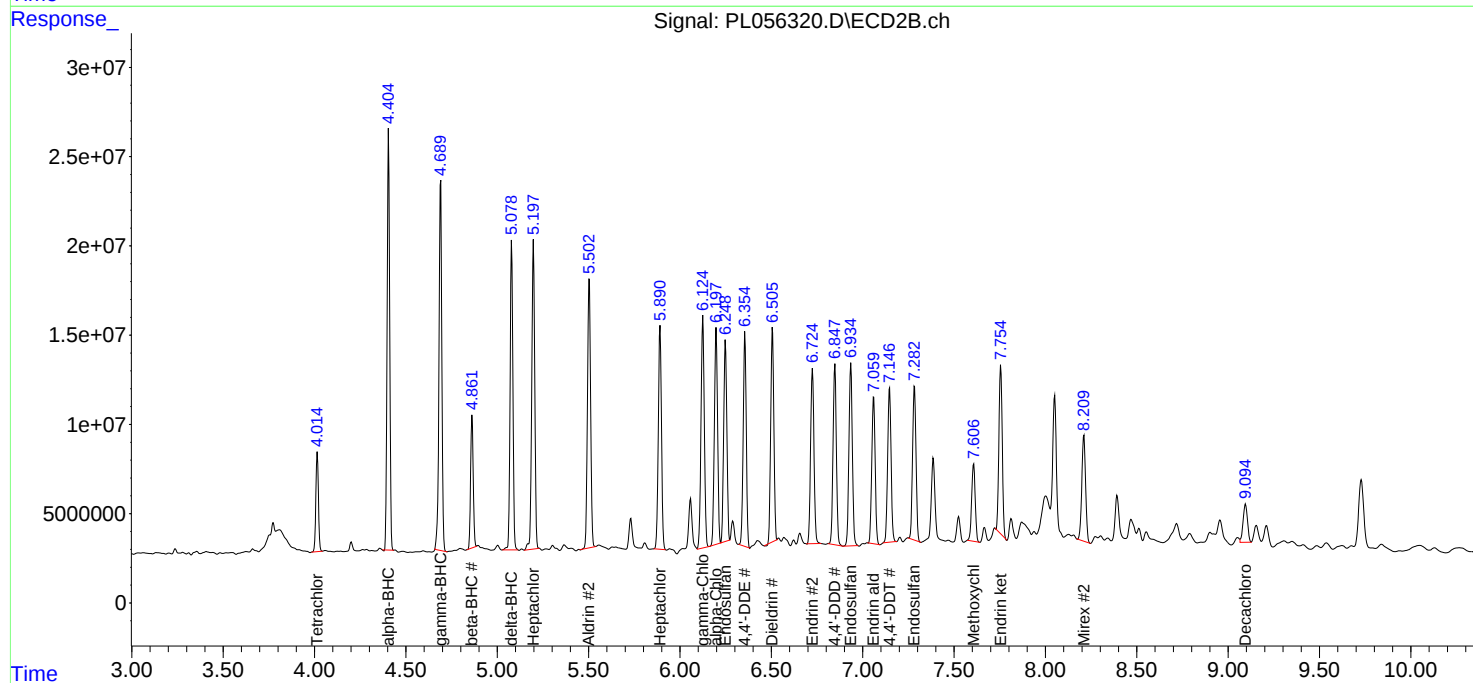
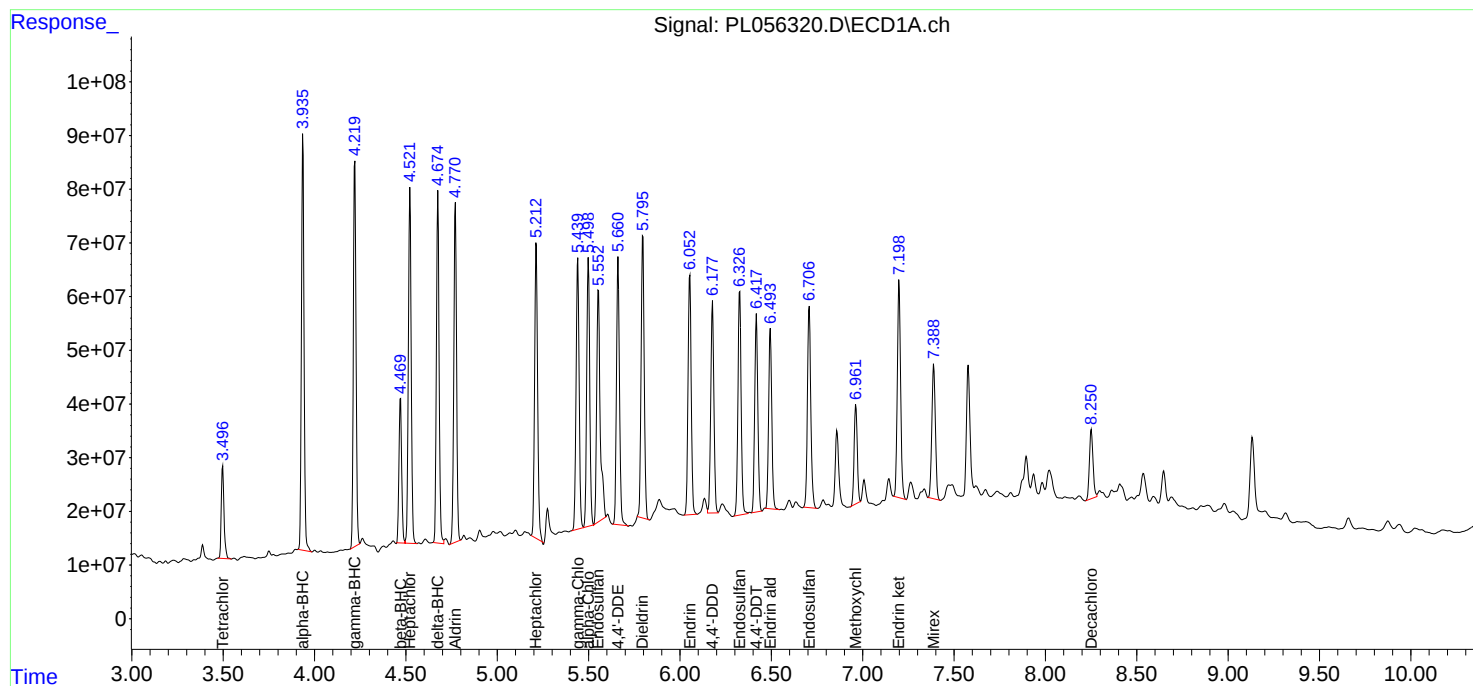
Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

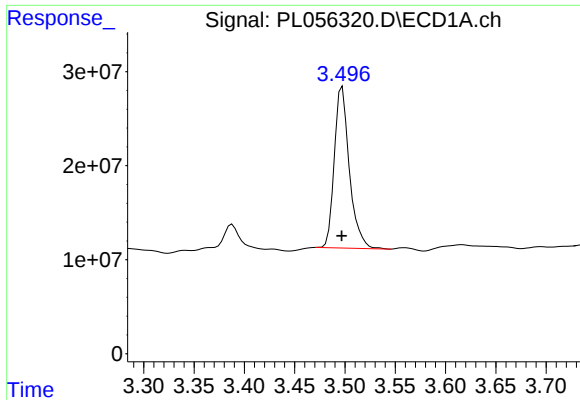
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 03:19:27 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 28 13:10:37 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





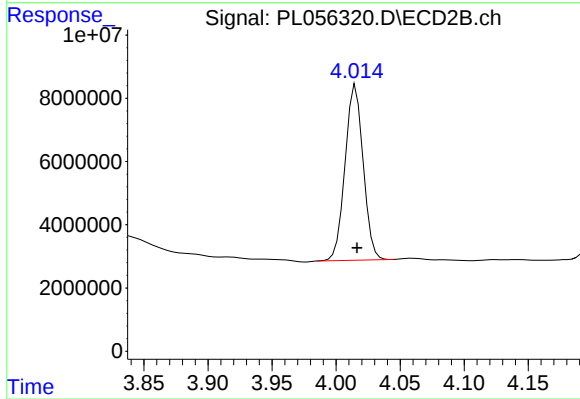
#1 Tetrachloro-m-xylene

R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 178409226  
Conc: 17.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

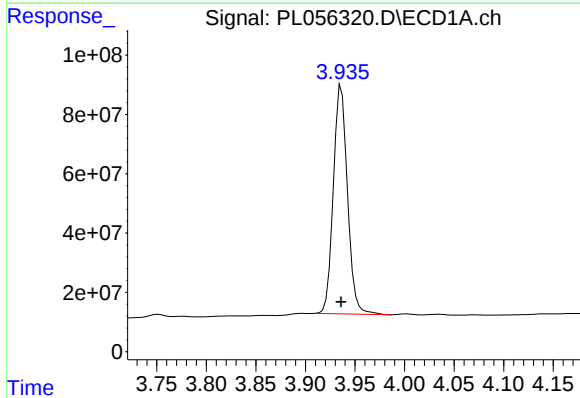
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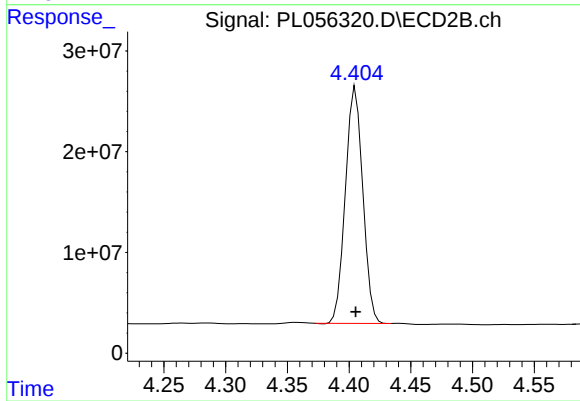
#1 Tetrachloro-m-xylene

R.T.: 4.015 min  
Delta R.T.: -0.001 min  
Response: 54506462  
Conc: 18.64 ng/ml



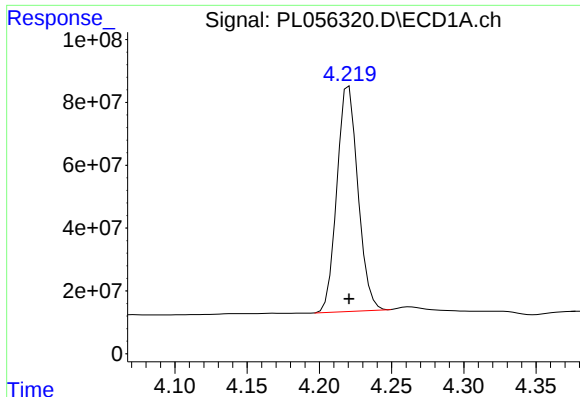
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 765371967  
Conc: 42.95 ng/ml



#2 alpha-BHC

R.T.: 4.405 min  
Delta R.T.: 0.000 min  
Response: 230322123  
Conc: 52.62 ng/ml



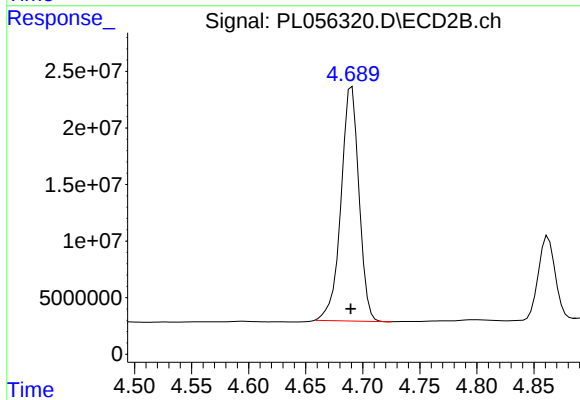
#3 gamma-BHC (Lindane)

R.T.: 4.221 min  
Delta R.T.: 0.000 min  
Response: 725244019  
Conc: 44.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

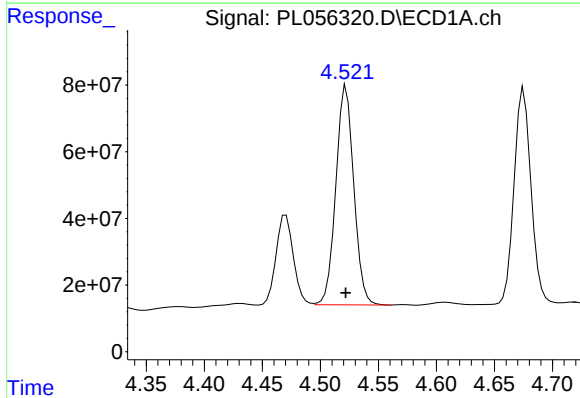
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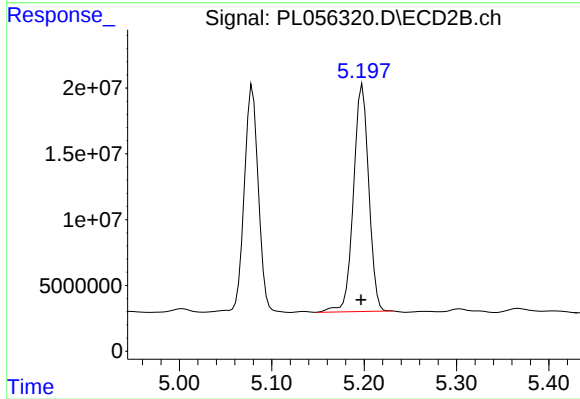
#3 gamma-BHC (Lindane)

R.T.: 4.690 min  
Delta R.T.: 0.001 min  
Response: 226941753  
Conc: 55.34 ng/ml



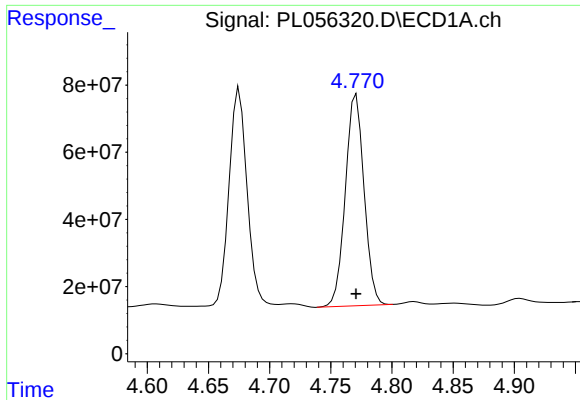
#4 Heptachlor

R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 708548642  
Conc: 44.13 ng/ml



#4 Heptachlor

R.T.: 5.198 min  
Delta R.T.: 0.002 min  
Response: 198447249  
Conc: 55.47 ng/ml



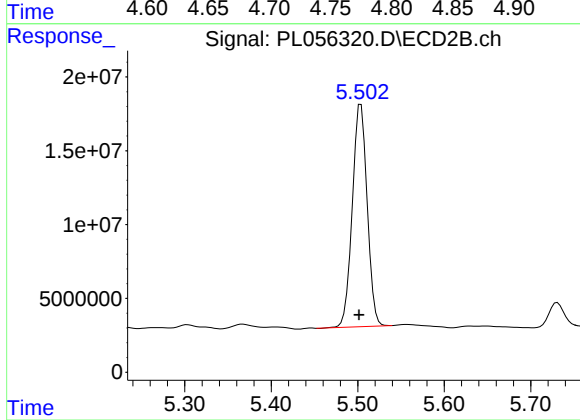
#5 Aldrin

R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 670288279  
Conc: 41.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

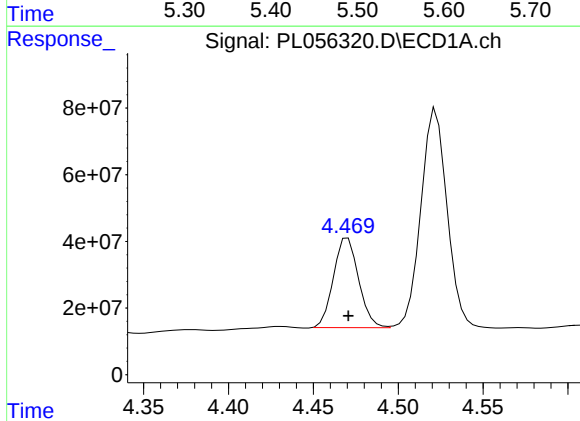
Manual Integrations  
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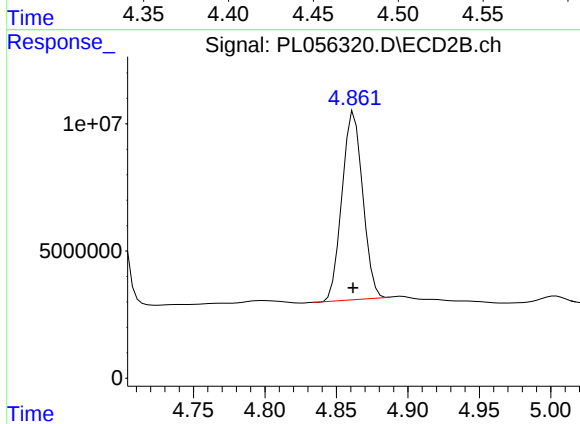
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.002 min  
Response: 179674361  
Conc: 51.12 ng/ml



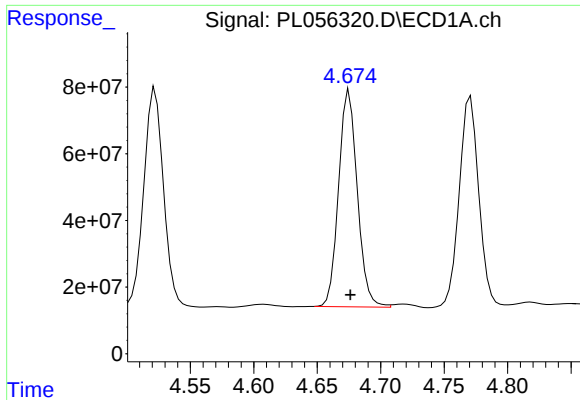
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 277489990  
Conc: 42.13 ng/ml



#6 beta-BHC

R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 74589759  
Conc: 45.50 ng/ml



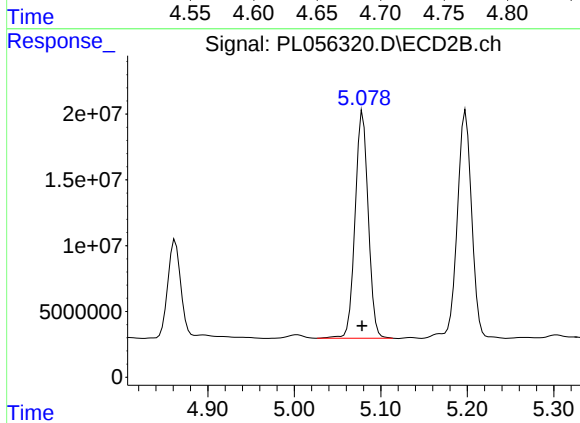
#7 delta-BHC

R.T.: 4.675 min  
Delta R.T.: 0.000 min  
Response: 667579358  
Conc: 41.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

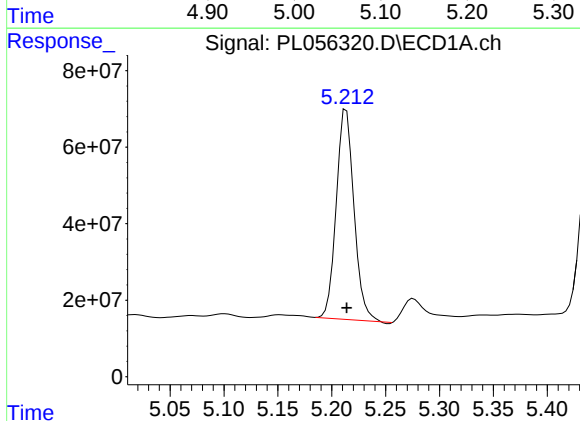
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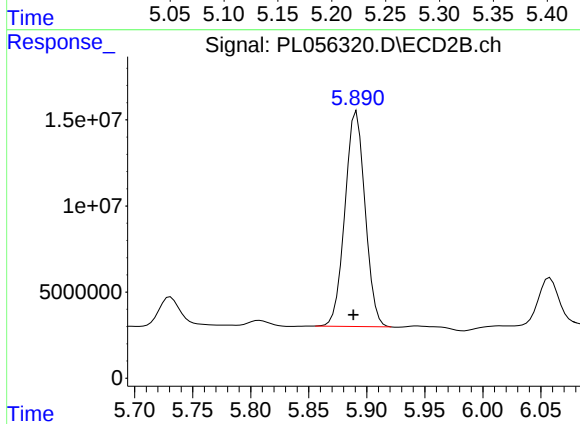
#7 delta-BHC

R.T.: 5.079 min  
Delta R.T.: 0.000 min  
Response: 181803168  
Conc: 56.69 ng/ml



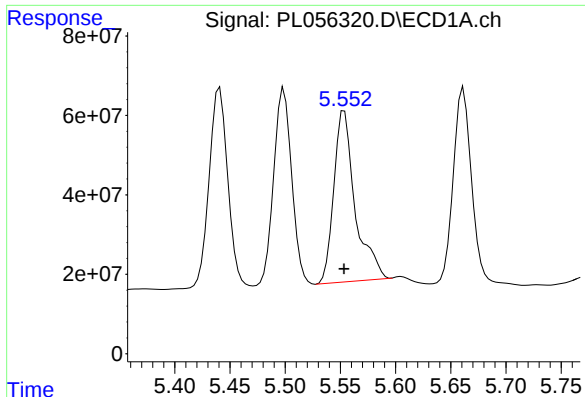
#8 Heptachlor epoxide

R.T.: 5.213 min  
Delta R.T.: 0.000 min  
Response: 626571777  
Conc: 40.74 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min  
Delta R.T.: 0.003 min  
Response: 150749426  
Conc: 48.43 ng/ml



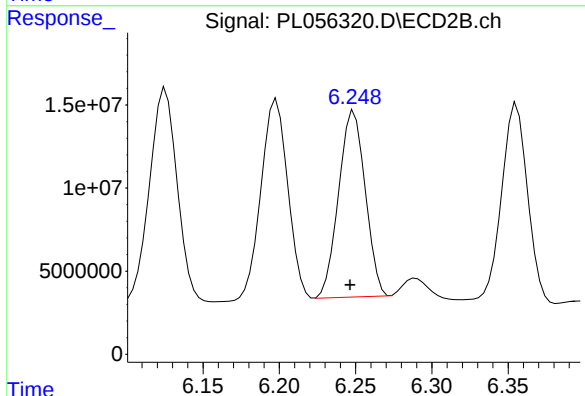
#9 Endosulfan I

R.T.: 5.554 min  
Delta R.T.: 0.000 min  
Response: 581233561  
Conc: 40.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

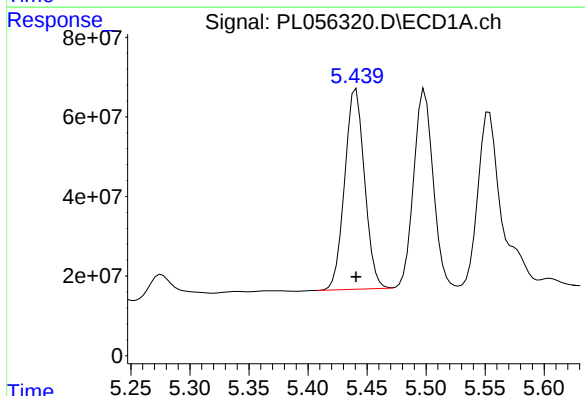
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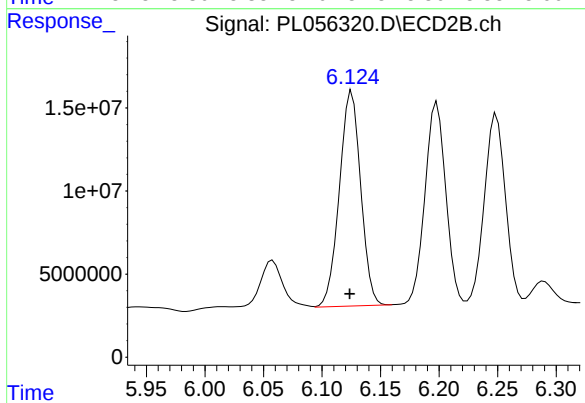
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.002 min  
Response: 136130031  
Conc: 45.49 ng/ml



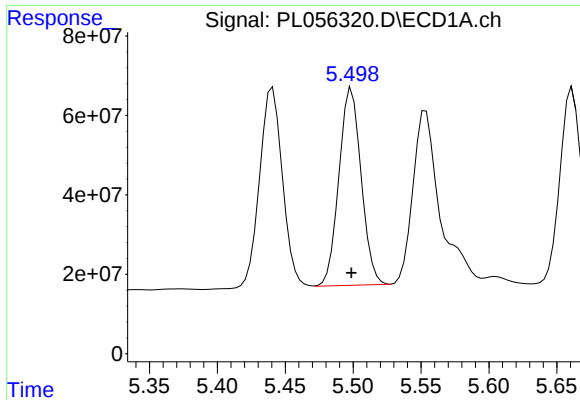
#10 gamma-Chlordane

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 588832659  
Conc: 37.55 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min  
Delta R.T.: 0.002 min  
Response: 164088250  
Conc: 51.60 ng/ml



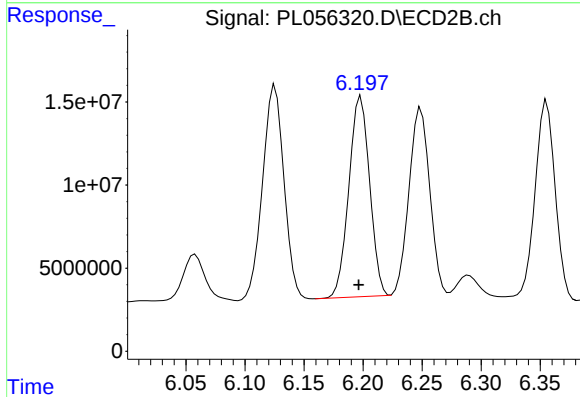
#11 alpha-Chlordane

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 565492785  
Conc: 36.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

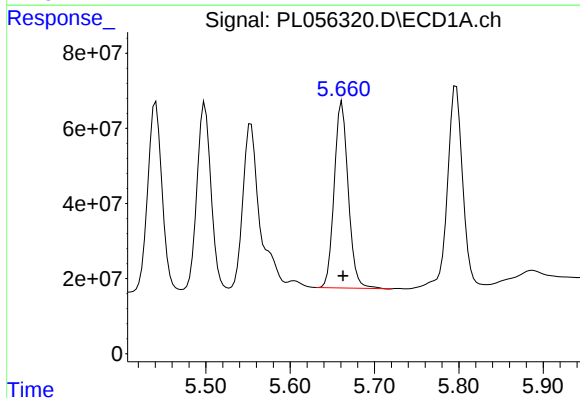
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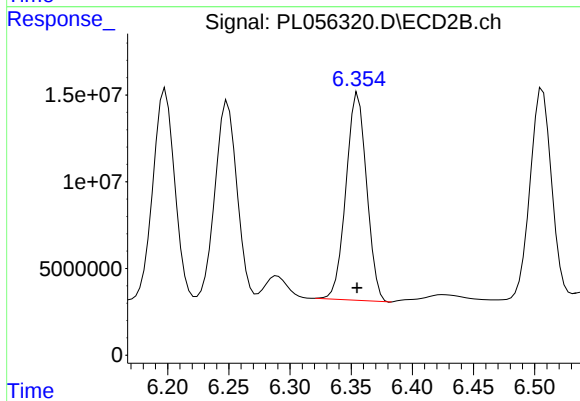
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.002 min  
Response: 147696030  
Conc: 46.60 ng/ml



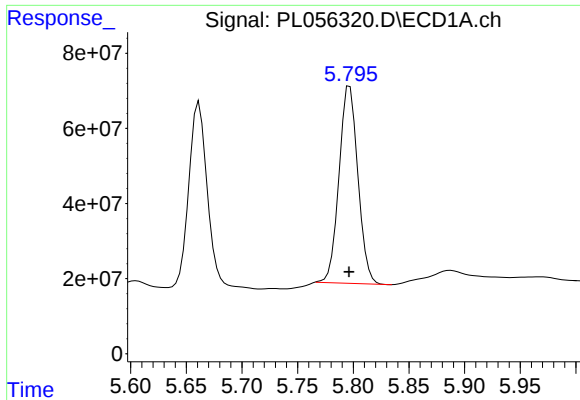
#12 4,4'-DDE

R.T.: 5.661 min  
Delta R.T.: -0.001 min  
Response: 571496912  
Conc: 39.43 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 140325775  
Conc: 46.85 ng/ml



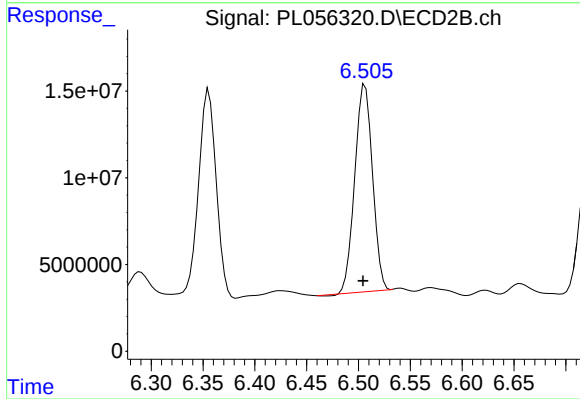
#13 Dieldrin

R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 619592602  
Conc: 40.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

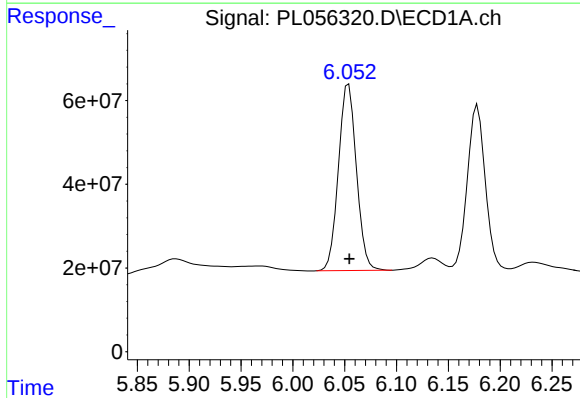
Manual Integrations  
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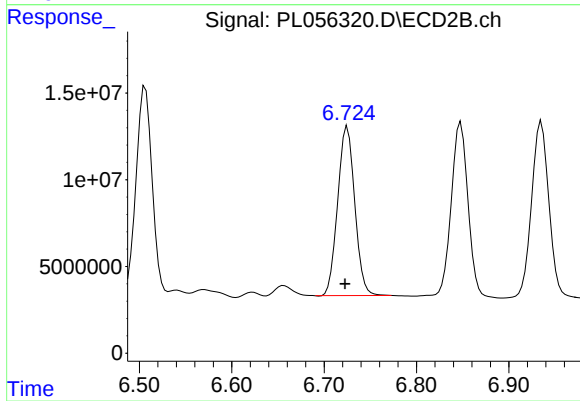
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.002 min  
Response: 142076608  
Conc: 45.77 ng/ml



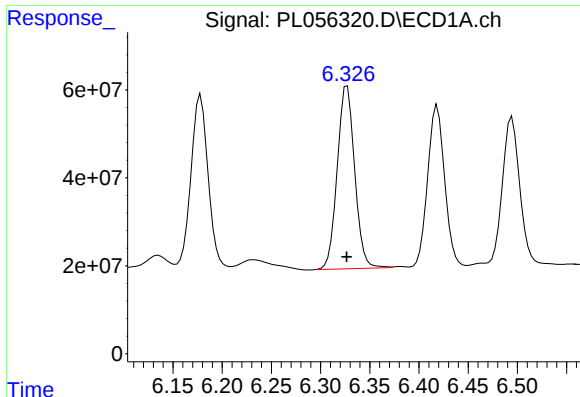
#14 Endrin

R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 538259662  
Conc: 38.31 ng/ml



#14 Endrin

R.T.: 6.725 min  
Delta R.T.: 0.002 min  
Response: 125505957  
Conc: 47.89 ng/ml



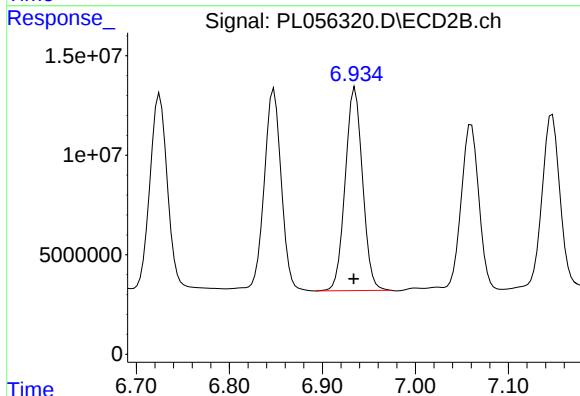
#15 Endosulfan II

R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 513381383  
Conc: 39.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

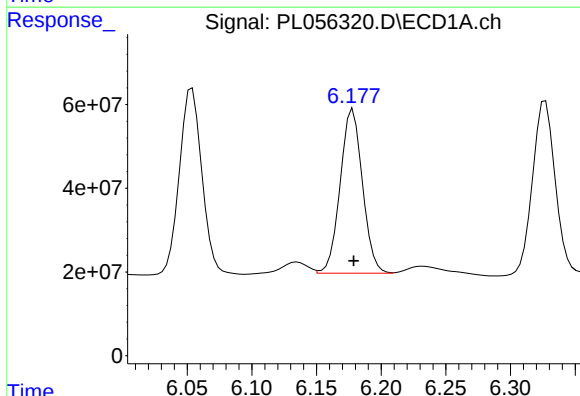
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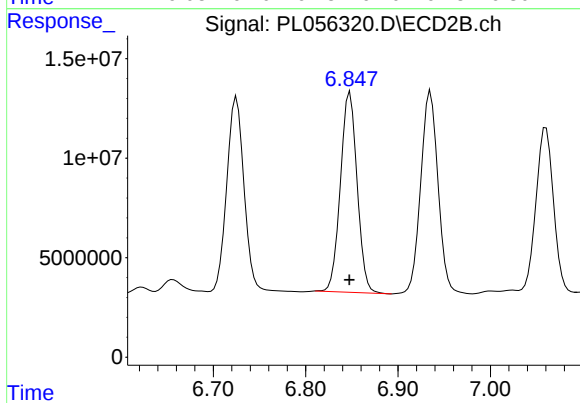
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: 0.001 min  
Response: 132063781  
Conc: 49.06 ng/ml



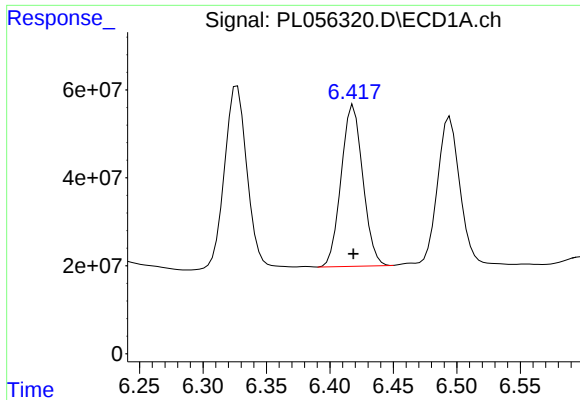
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 468709751  
Conc: 43.60 ng/ml m



#16 4,4'-DDD

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 126456604  
Conc: 53.60 ng/ml



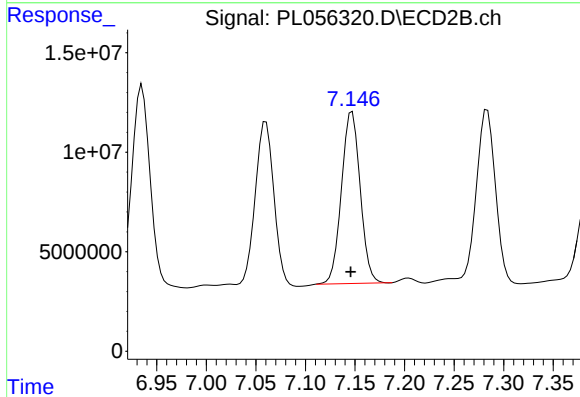
#17 4,4'-DDT

R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 436037473  
Conc: 39.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

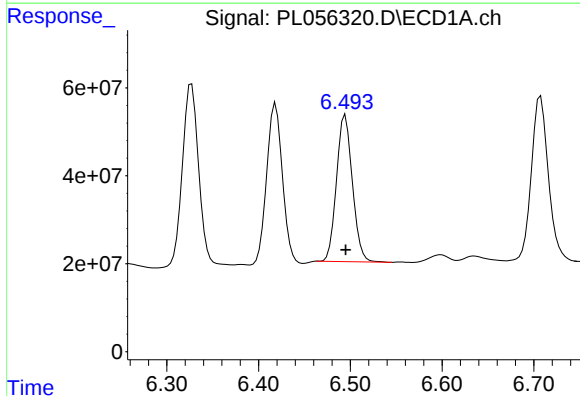
Manual Integrations  
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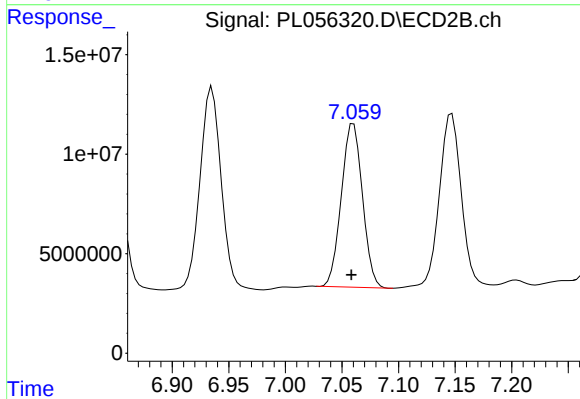
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.001 min  
Response: 113712400  
Conc: 49.53 ng/ml



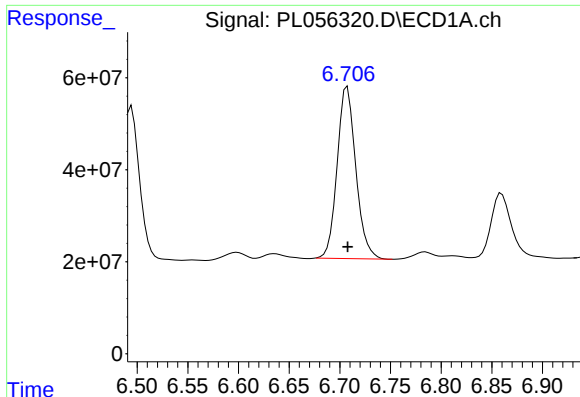
#18 Endrin aldehyde

R.T.: 6.495 min  
Delta R.T.: 0.000 min  
Response: 402344362  
Conc: 36.77 ng/ml



#18 Endrin aldehyde

R.T.: 7.060 min  
Delta R.T.: 0.002 min  
Response: 106851043  
Conc: 47.07 ng/ml



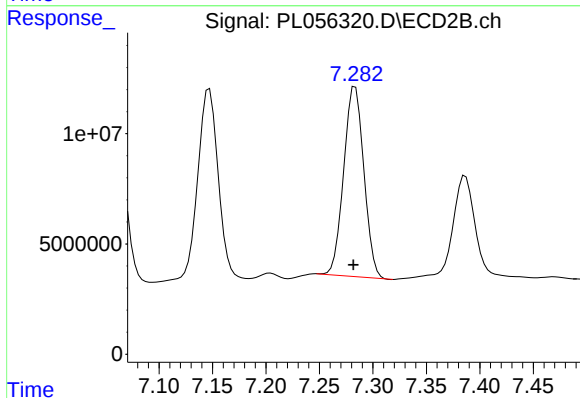
#19 Endosulfan Sulfate

R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 478670065  
Conc: 39.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

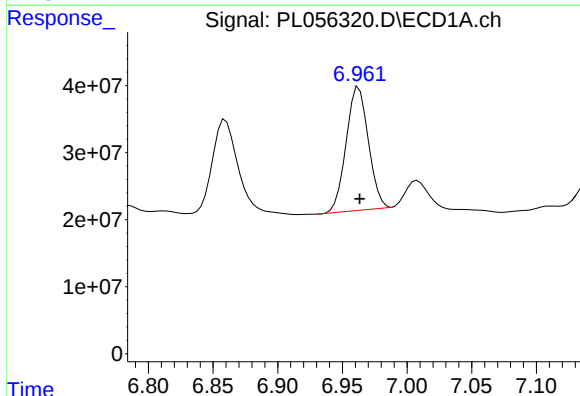
Manual Integrations  
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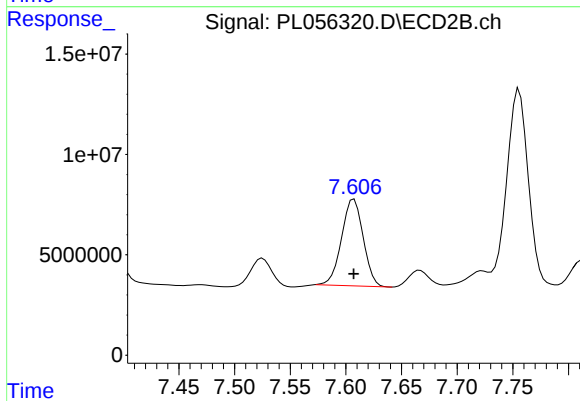
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.002 min  
Response: 113403889  
Conc: 44.81 ng/ml



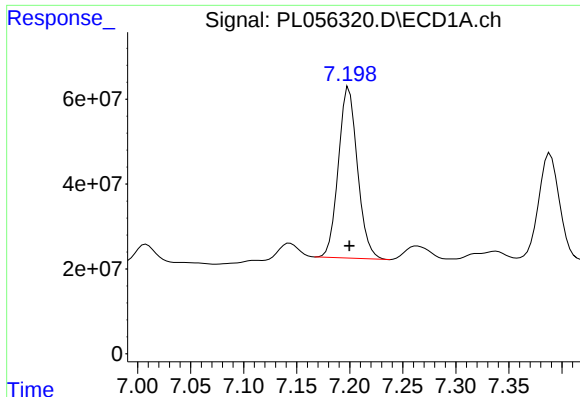
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 219246667  
Conc: 41.27 ng/ml



#20 Methoxychlor

R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 58503112  
Conc: 47.71 ng/ml



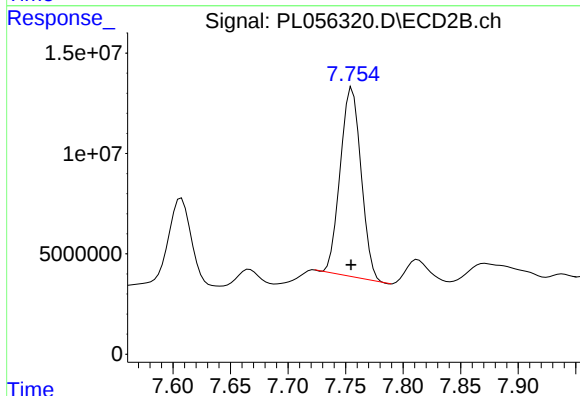
#21 Endrin ketone

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 504489164  
Conc: 38.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

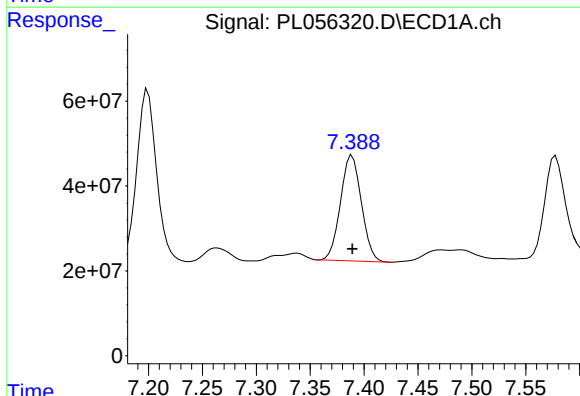
Manual Integrations  
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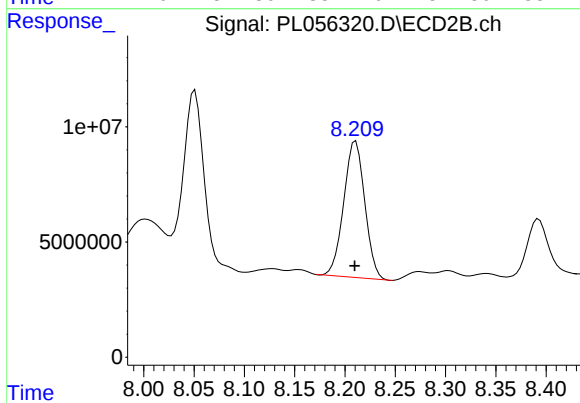
#21 Endrin ketone

R.T.: 7.756 min  
Delta R.T.: 0.000 min  
Response: 119218412  
Conc: 44.70 ng/ml



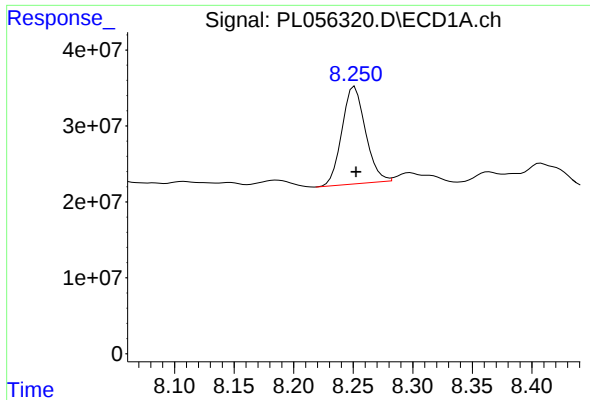
#22 Mirex

R.T.: 7.389 min  
Delta R.T.: 0.000 min  
Response: 336458950  
Conc: 36.42 ng/ml



#22 Mirex

R.T.: 8.211 min  
Delta R.T.: 0.000 min  
Response: 86120740  
Conc: 47.38 ng/ml



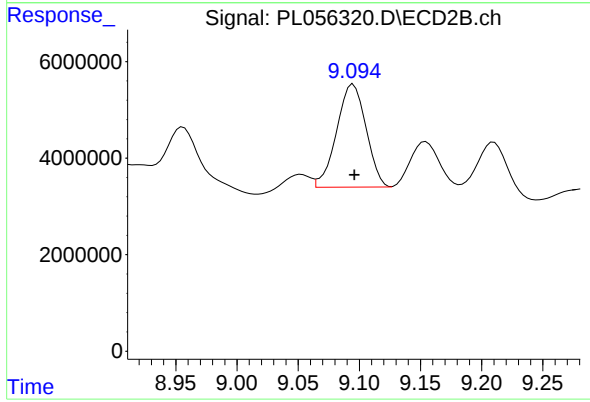
#28 Decachlorobiphenyl

R.T.: 8.251 min  
Delta R.T.: -0.001 min  
Response: 176013138  
Conc: 16.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-AMS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.094 min  
Delta R.T.: -0.002 min  
Response: 35547333  
Conc: 15.72 ng/ml m