

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011119\  
 Data File : PD050968.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Jan 2019 5:20  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 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: Jan 10 08:03:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 10 03:41:46 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.227 | 4.048 | 80953769 | 1481.6E6 | 54.199  | 49.785  |
| 28)                         | SA Decachlor... | 7.834 | 9.164 | 56866580 | 847.9E6  | 46.852  | 42.492  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.648 | 4.440 | 134.8E6  | 2282.4E6 | 56.022  | 50.085  |
| 3)                          | MA gamma-BHC... | 3.917 | 4.728 | 127.1E6  | 2077.6E6 | 53.910  | 49.984  |
| 4)                          | MA Heptachlor   | 4.194 | 5.241 | 127.9E6  | 2022.0E6 | 53.413  | 49.559  |
| 5)                          | MB Aldrin       | 4.427 | 5.549 | 129.7E6  | 1942.0E6 | 54.657  | 49.610  |
| 6)                          | B beta-BHC      | 4.162 | 4.897 | 50799710 | 898.3E6  | 53.647  | 49.642  |
| 7)                          | B delta-BHC     | 4.351 | 5.116 | 125.5E6  | 2005.6E6 | 55.753  | 51.617  |
| 8)                          | B Heptachlor... | 4.855 | 5.936 | 119.8E6  | 1767.7E6 | 53.295  | 50.697  |
| 9)                          | A Endosulfan I  | 5.177 | 6.295 | 113.0E6  | 1545.9E6 | 53.000  | 49.127  |
| 10)                         | B gamma-Chl...  | 5.073 | 6.171 | 124.6E6  | 1729.9E6 | 53.193  | 49.807  |
| 11)                         | B alpha-Chl...  | 5.129 | 6.245 | 121.9E6  | 1653.8E6 | 52.787  | 48.794  |
| 12)                         | B 4,4'-DDE      | 5.299 | 6.400 | 116.6E6  | 1602.6E6 | 54.002  | 48.610  |
| 13)                         | MA Dieldrin     | 5.413 | 6.554 | 125.6E6  | 1637.6E6 | 53.611  | 49.091  |
| 14)                         | MA Endrin       | 5.660 | 6.773 | 103.1E6  | 1184.5E6 | 47.093  | 42.058  |
| 15)                         | B Endosulfa...  | 5.931 | 6.981 | 104.9E6  | 1309.3E6 | 52.440  | 47.833  |
| 16)                         | A 4,4'-DDD      | 5.801 | 6.892 | 95114495 | 1264.2E6 | 53.867  | 48.178  |
| 17)                         | MA 4,4'-DDT     | 6.033 | 7.193 | 97378860 | 1127.0E6 | 51.753  | 47.217  |
| 18)                         | B Endrin al...  | 6.097 | 7.106 | 86064333 | 1094.9E6 | 53.310  | 48.040  |
| 19)                         | B Endosulfa...  | 6.306 | 7.330 | 100.1E6  | 1233.3E6 | 51.081  | 45.686  |
| 20)                         | A Methoxychlor  | 6.579 | 7.651 | 47828221 | 546.4E6  | 50.045  | 44.888  |
| 21)                         | B Endrin ke...  | 6.780 | 7.802 | 115.5E6  | 1182.2E6 | 54.269m | 46.504m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011119\  
 Data File : PD050968.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Jan 2019 5:20  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

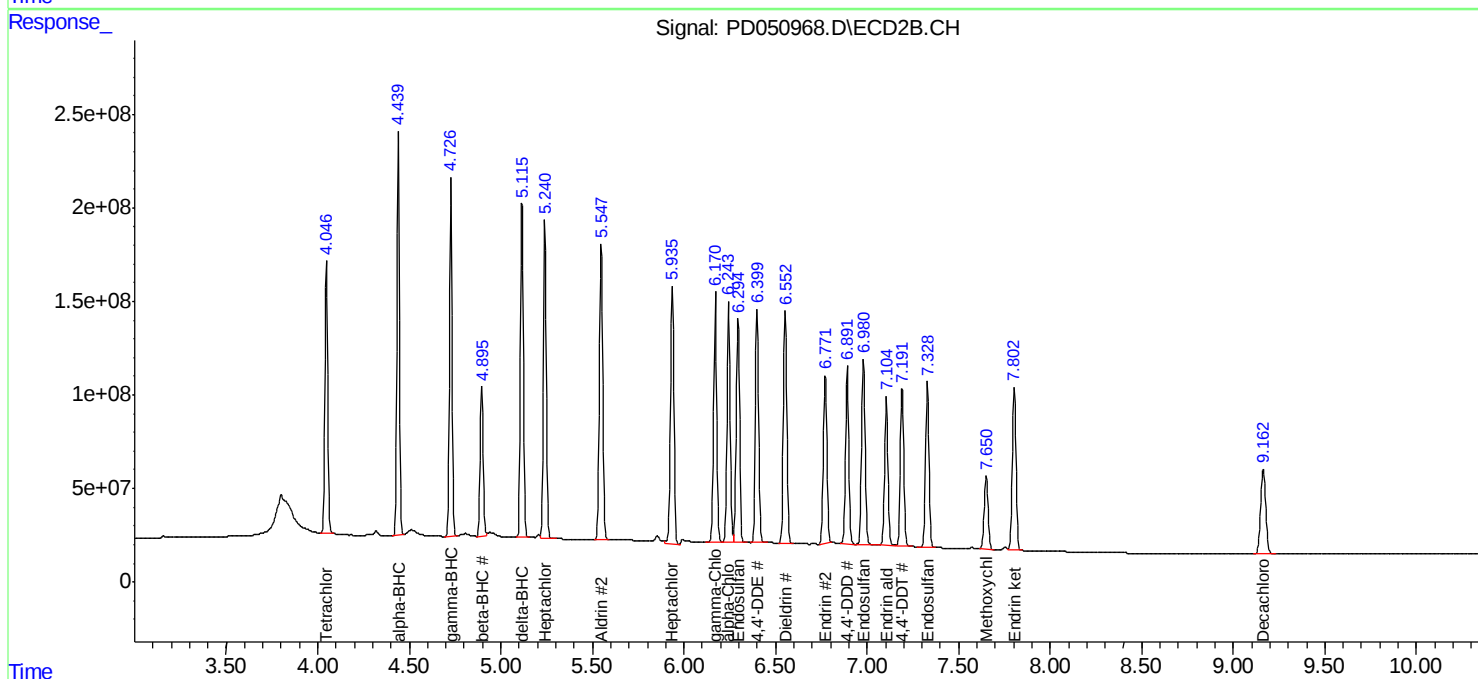
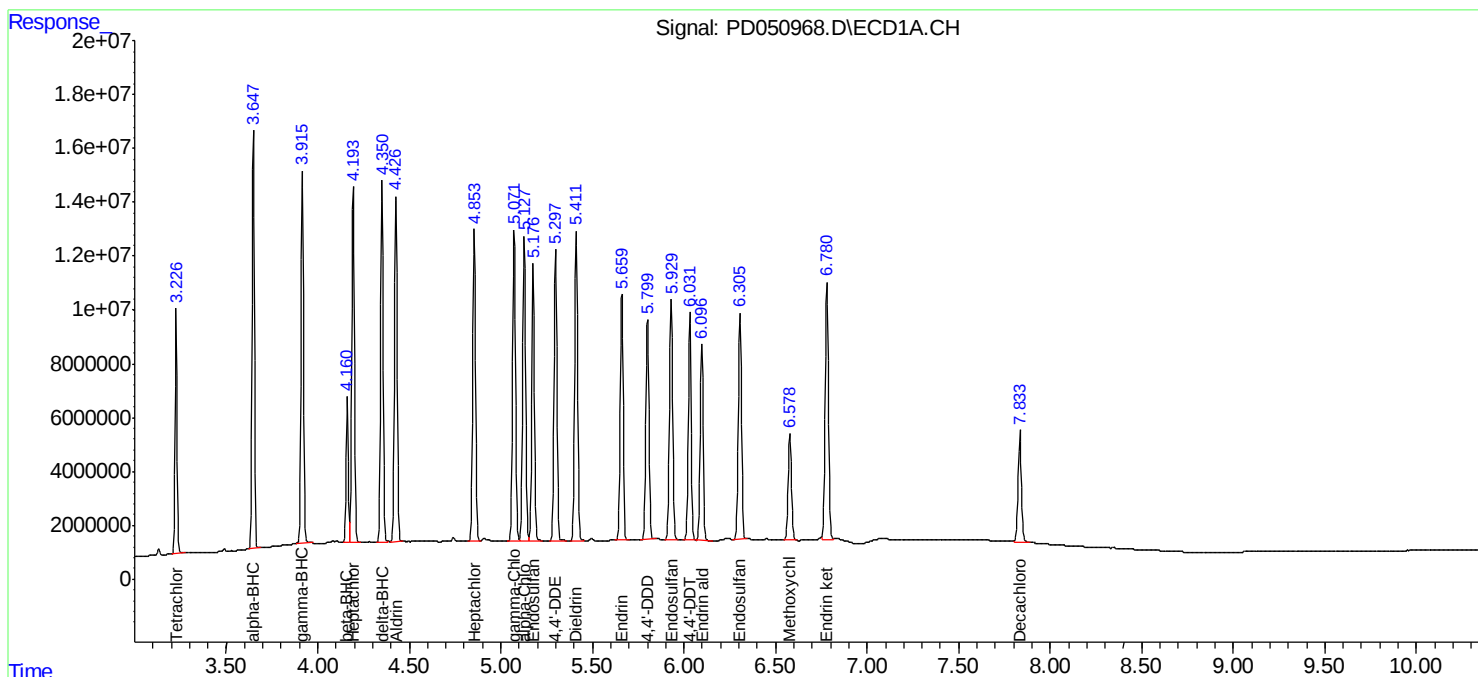
Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

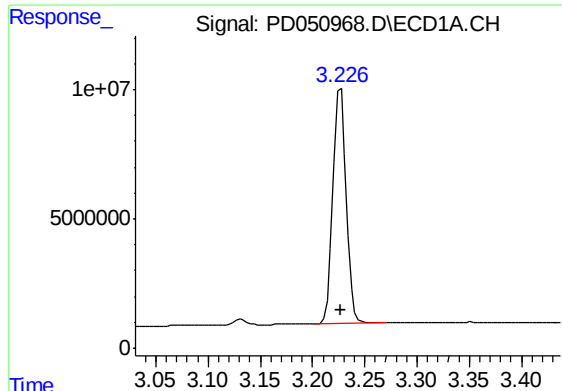
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 08:03:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
 Quant Title : GC Extractables  
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Volume 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





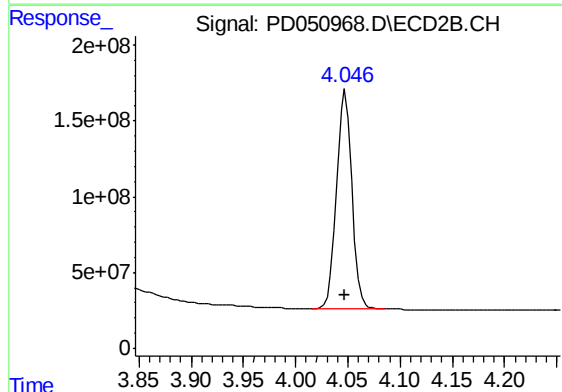
#1 Tetrachloro-m-xylene

R.T.: 3.227 min  
Delta R.T.: 0.000 min  
Response: 80953769  
Conc: 54.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

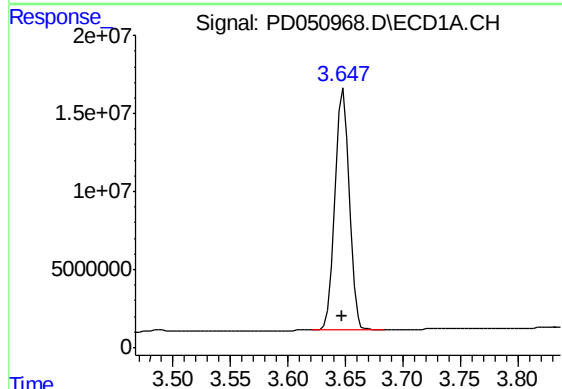
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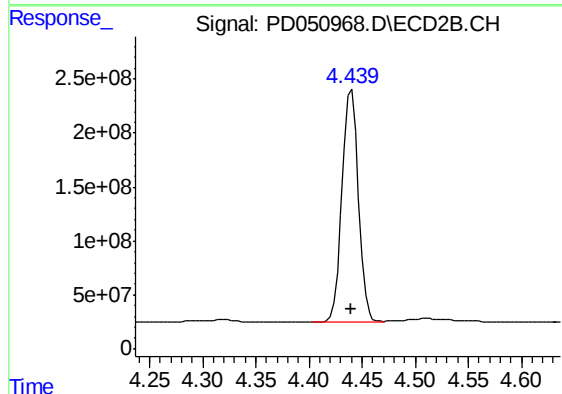
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 1481623675  
Conc: 49.79 ng/ml



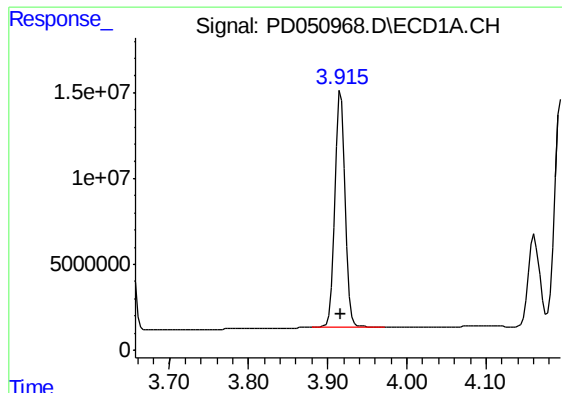
#2 alpha-BHC

R.T.: 3.648 min  
Delta R.T.: 0.000 min  
Response: 134842614  
Conc: 56.02 ng/ml



#2 alpha-BHC

R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 2282409669  
Conc: 50.08 ng/ml



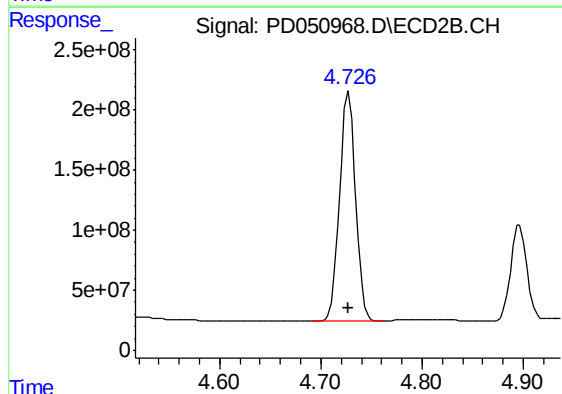
#3 gamma-BHC (Lindane)

R.T.: 3.917 min  
Delta R.T.: 0.000 min  
Response: 127142879  
Conc: 53.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

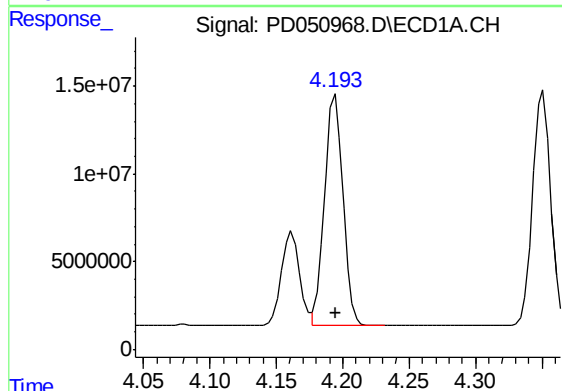
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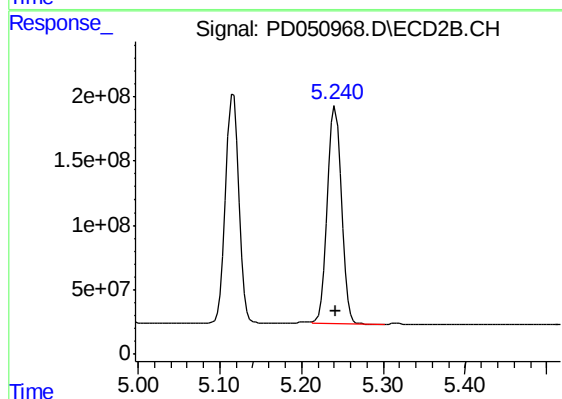
#3 gamma-BHC (Lindane)

R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 2077554408  
Conc: 49.98 ng/ml



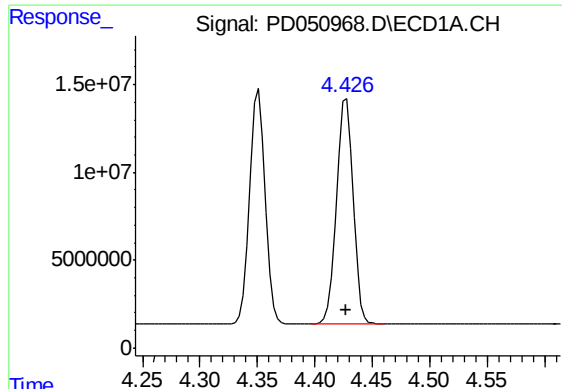
#4 Heptachlor

R.T.: 4.194 min  
Delta R.T.: 0.000 min  
Response: 127936559  
Conc: 53.41 ng/ml



#4 Heptachlor

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 2021999667  
Conc: 49.56 ng/ml



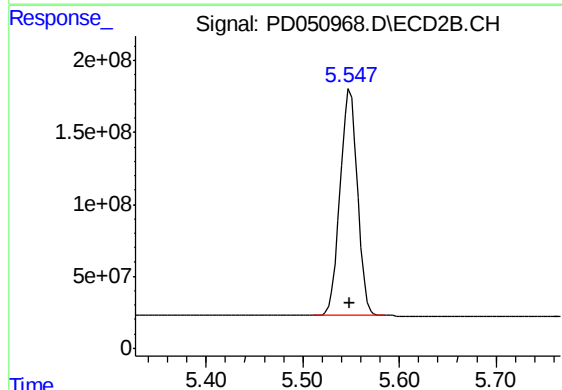
#5 Aldrin

R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 129690650  
Conc: 54.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

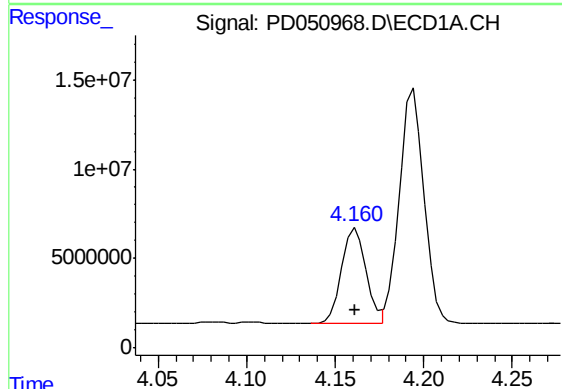
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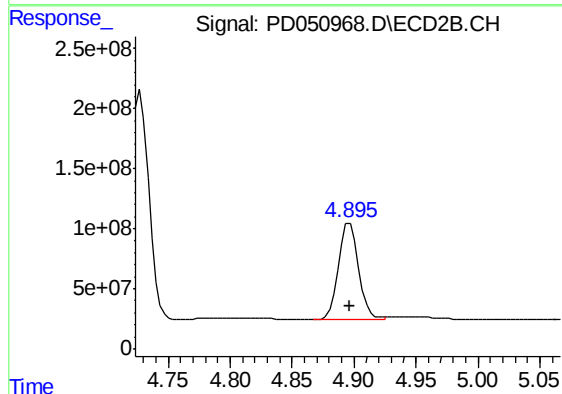
#5 Aldrin

R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 1942002402  
Conc: 49.61 ng/ml



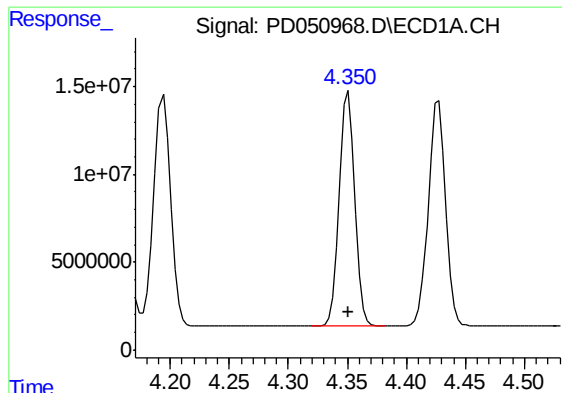
#6 beta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 50799710  
Conc: 53.65 ng/ml



#6 beta-BHC

R.T.: 4.897 min  
Delta R.T.: 0.000 min  
Response: 898311202  
Conc: 49.64 ng/ml



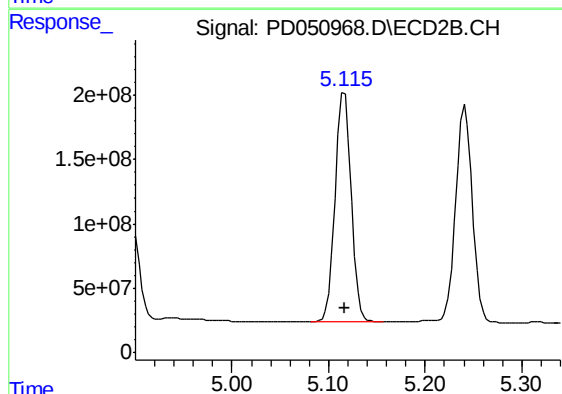
#7 delta-BHC

R.T.: 4.351 min  
Delta R.T.: 0.000 min  
Response: 125518090  
Conc: 55.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

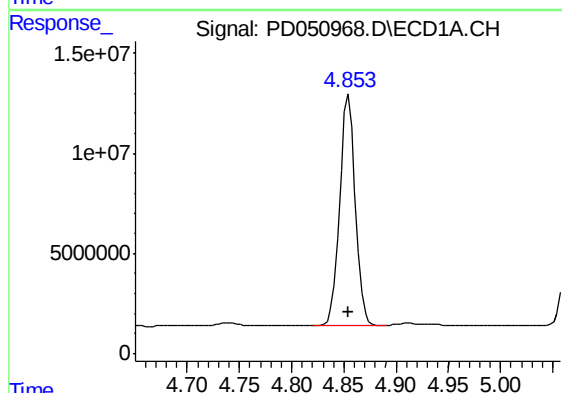
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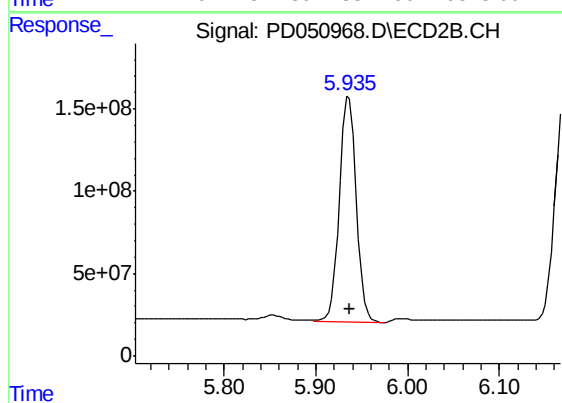
#7 delta-BHC

R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 2005610500  
Conc: 51.62 ng/ml



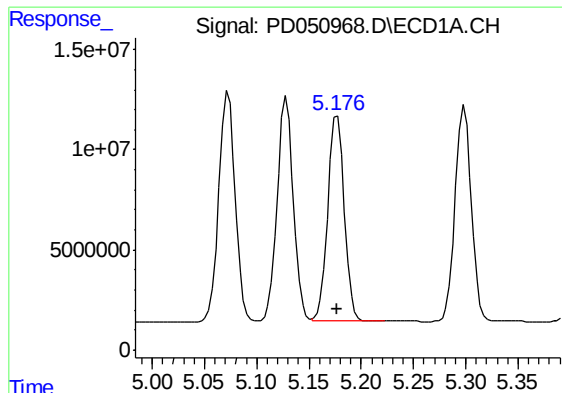
#8 Heptachlor epoxide

R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 119782514  
Conc: 53.29 ng/ml



#8 Heptachlor epoxide

R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 1767689173  
Conc: 50.70 ng/ml



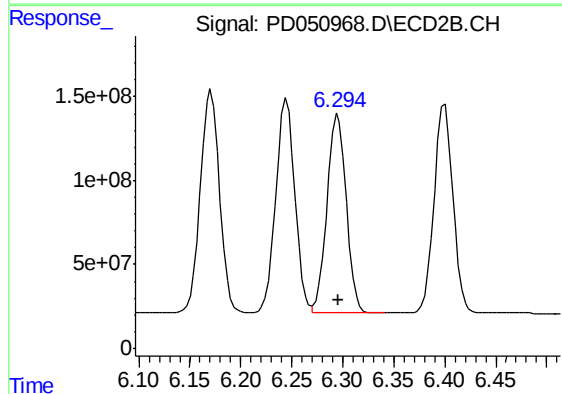
#9 Endosulfan I

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 112987200  
Conc: 53.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

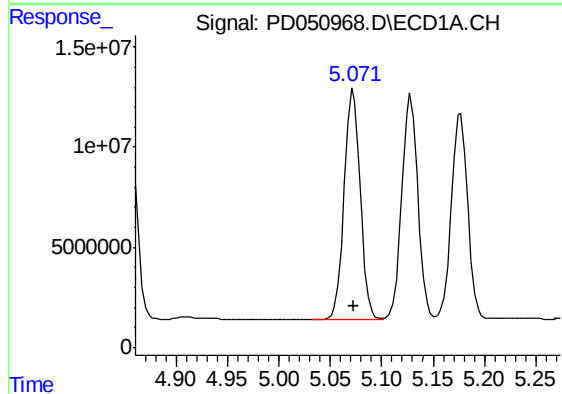
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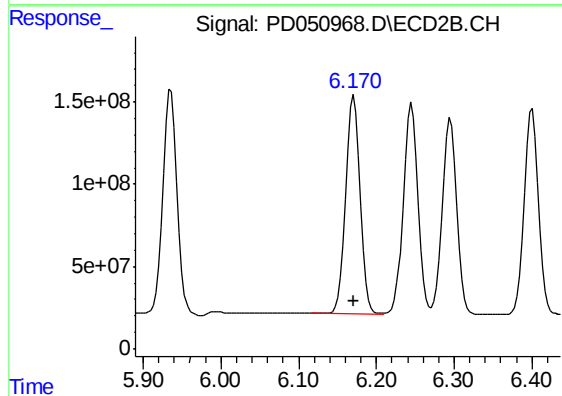
#9 Endosulfan I

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 1545851729  
Conc: 49.13 ng/ml



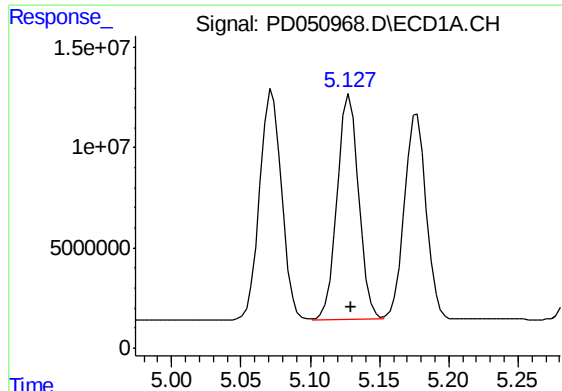
#10 gamma-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 124599195  
Conc: 53.19 ng/ml



#10 gamma-Chlordane

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 1729919077  
Conc: 49.81 ng/ml



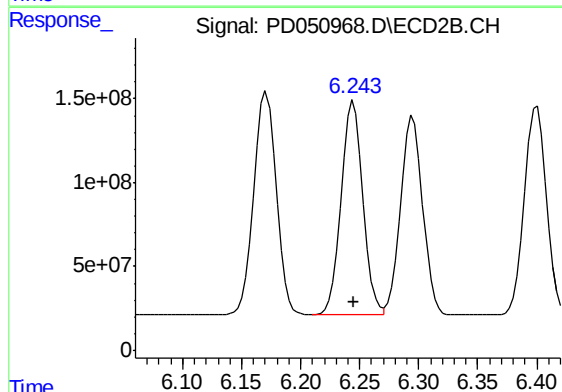
#11 alpha-Chlordane

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 121949018  
Conc: 52.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

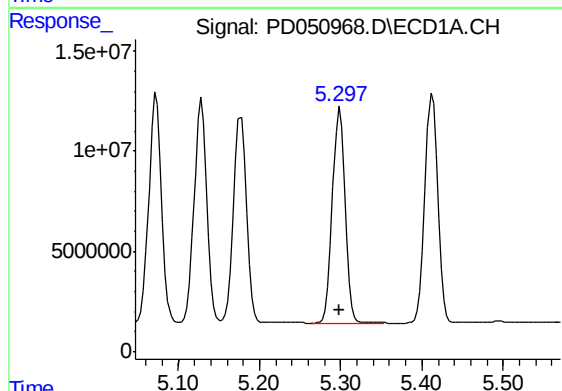
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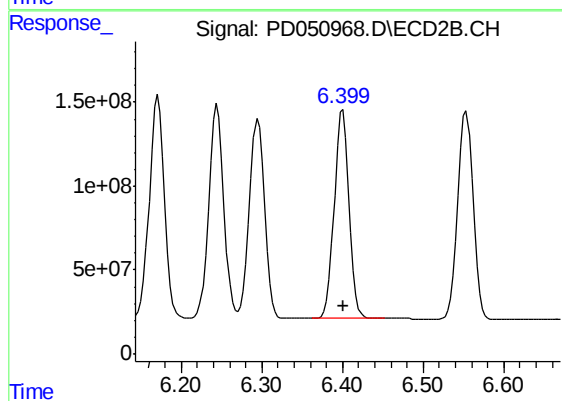
#11 alpha-Chlordane

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 1653849396  
Conc: 48.79 ng/ml



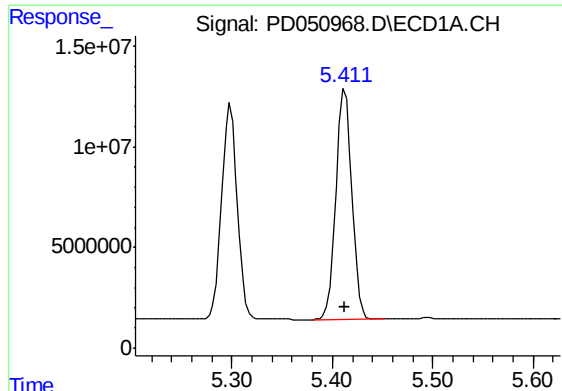
#12 4,4'-DDE

R.T.: 5.299 min  
Delta R.T.: 0.000 min  
Response: 116563469  
Conc: 54.00 ng/ml



#12 4,4'-DDE

R.T.: 6.400 min  
Delta R.T.: 0.000 min  
Response: 1602595536  
Conc: 48.61 ng/ml



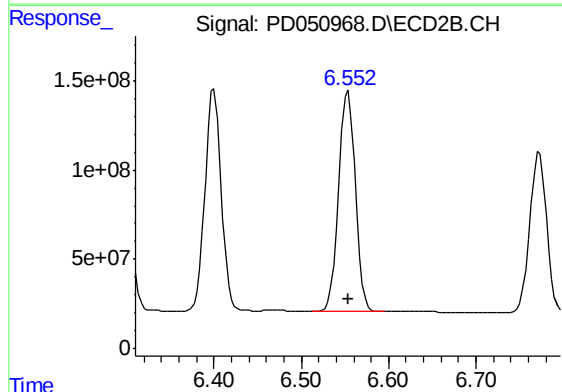
#13 Dieldrin

R.T.: 5.413 min  
Delta R.T.: 0.000 min  
Response: 125565357  
Conc: 53.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

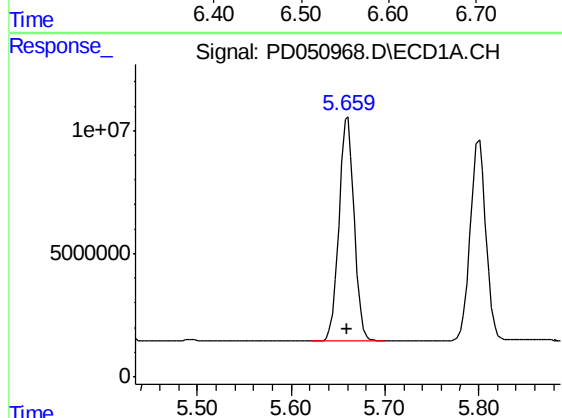
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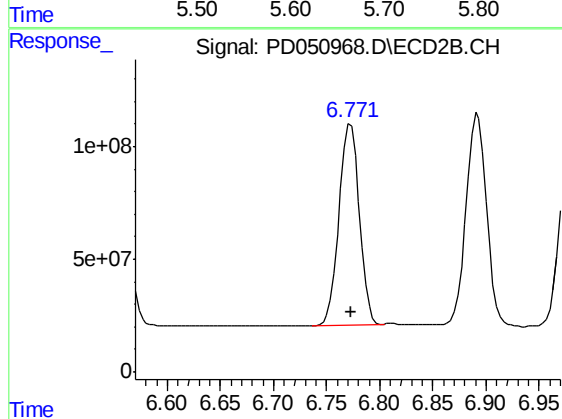
#13 Dieldrin

R.T.: 6.554 min  
Delta R.T.: 0.000 min  
Response: 1637579934  
Conc: 49.09 ng/ml



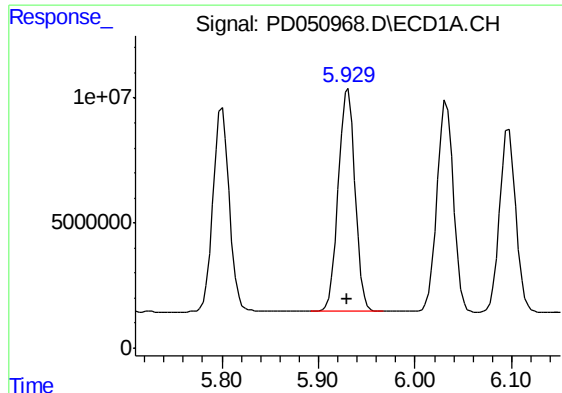
#14 Endrin

R.T.: 5.660 min  
Delta R.T.: 0.000 min  
Response: 103140495  
Conc: 47.09 ng/ml



#14 Endrin

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 1184488705  
Conc: 42.06 ng/ml



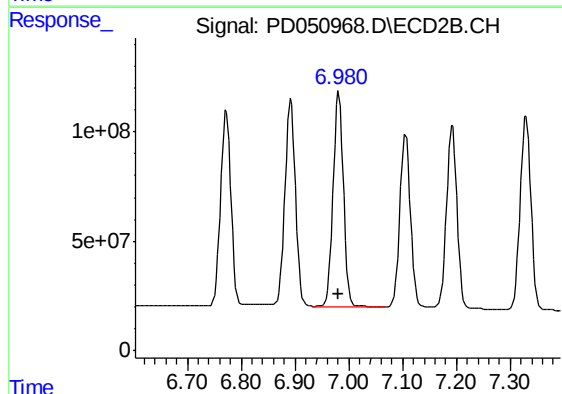
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 104858785  
Conc: 52.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

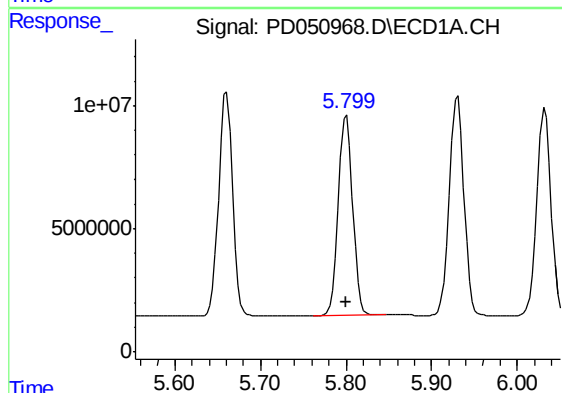
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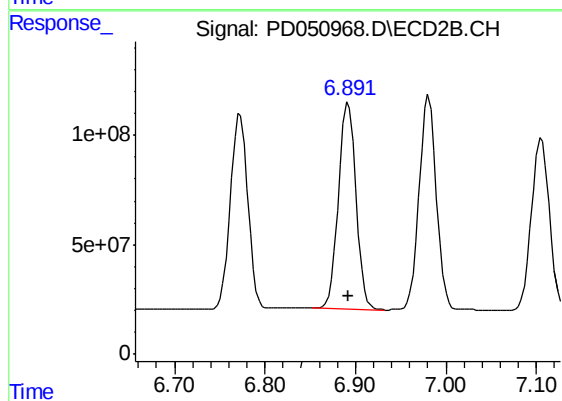
#15 Endosulfan II

R.T.: 6.981 min  
Delta R.T.: 0.000 min  
Response: 1309274440  
Conc: 47.83 ng/ml



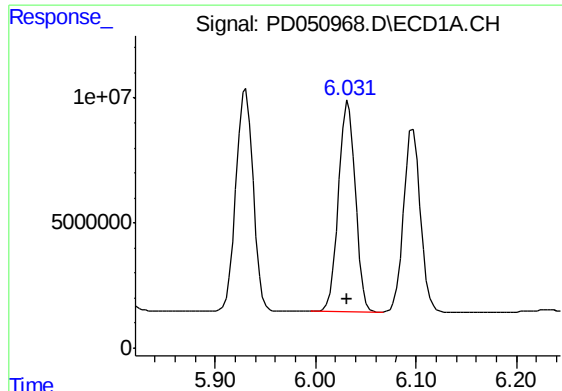
#16 4,4'-DDD

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 95114495  
Conc: 53.87 ng/ml



#16 4,4'-DDD

R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 1264181246  
Conc: 48.18 ng/ml



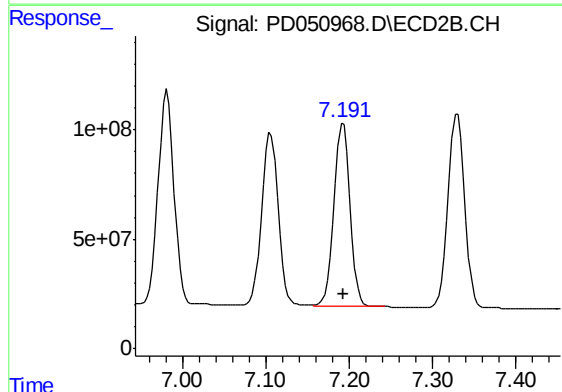
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 97378860  
Conc: 51.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

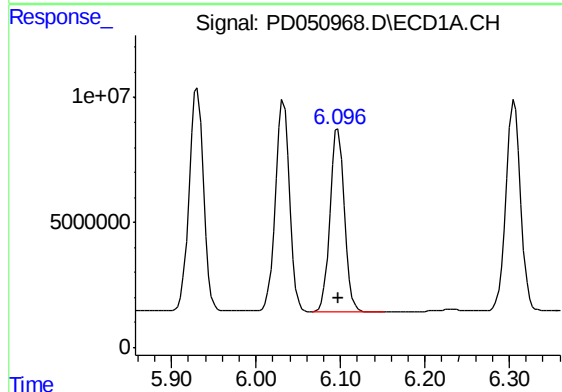
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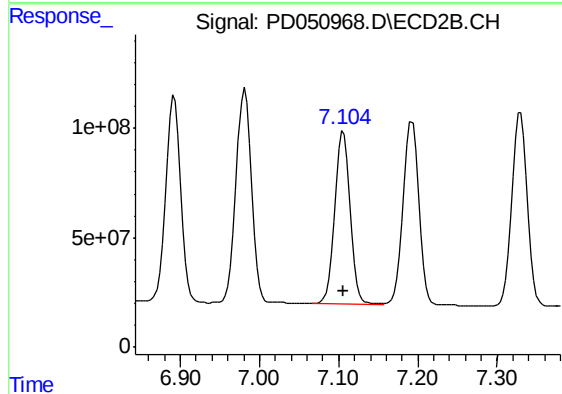
#17 4,4'-DDT

R.T.: 7.193 min  
Delta R.T.: 0.000 min  
Response: 1127008587  
Conc: 47.22 ng/ml



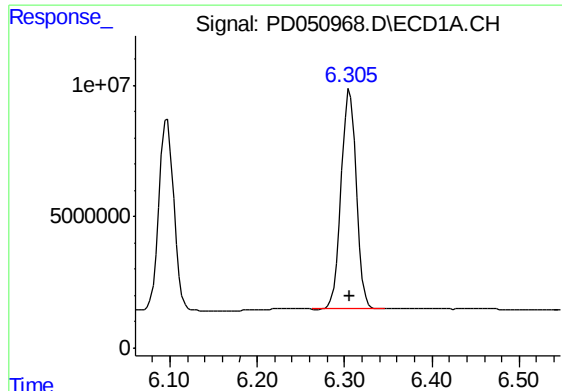
#18 Endrin aldehyde

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 86064333  
Conc: 53.31 ng/ml



#18 Endrin aldehyde

R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 1094897152  
Conc: 48.04 ng/ml



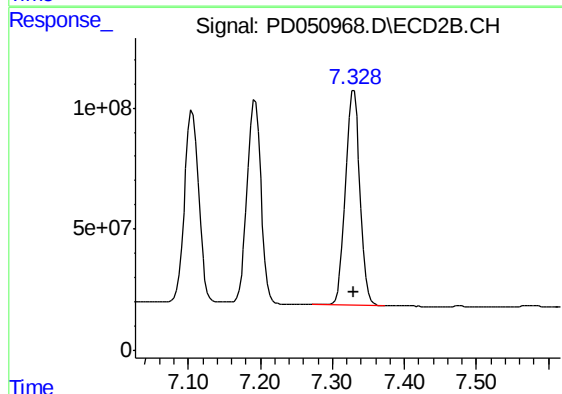
#19 Endosulfan Sulfate

R.T.: 6.306 min  
Delta R.T.: 0.000 min  
Response: 100058161  
Conc: 51.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

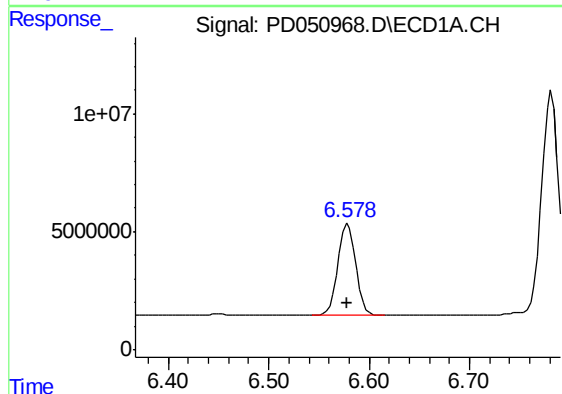
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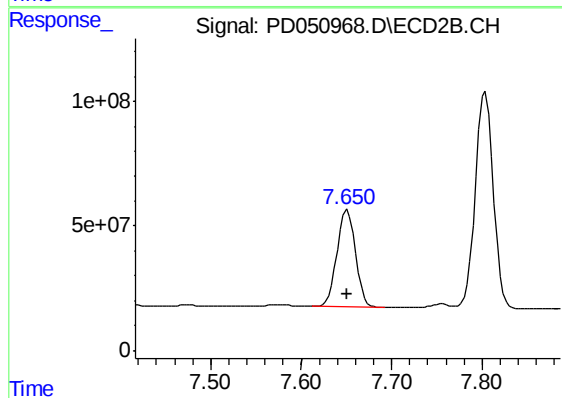
#19 Endosulfan Sulfate

R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 1233311250  
Conc: 45.69 ng/ml



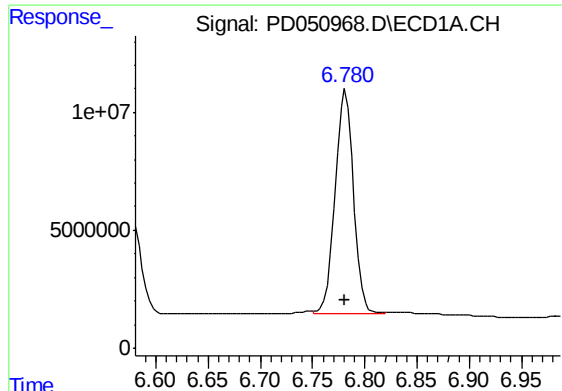
#20 Methoxychlor

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 47828221  
Conc: 50.05 ng/ml



#20 Methoxychlor

R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 546434141  
Conc: 44.89 ng/ml



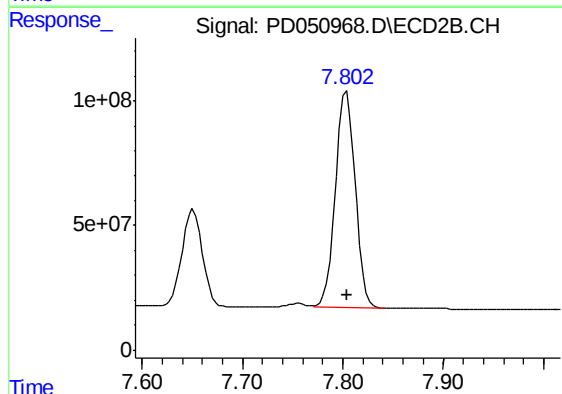
#21 Endrin ketone

R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 115510684  
Conc: 54.27 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

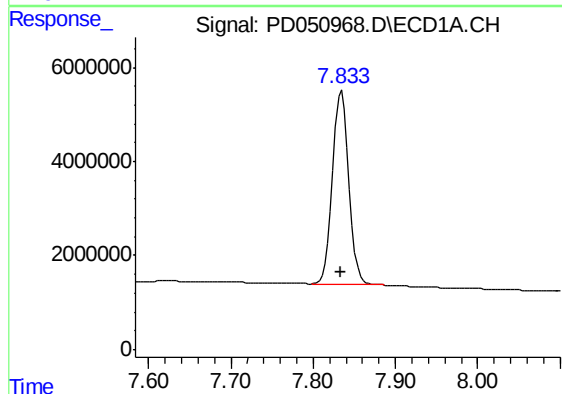
Manual Integrations  
APPROVED

Sohil  
1/11/2019 10:29:24 AM



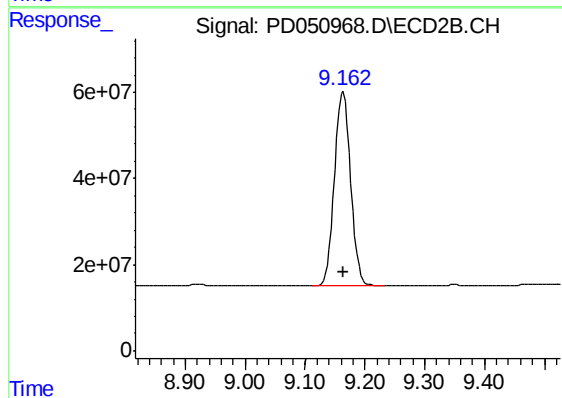
#21 Endrin ketone

R.T.: 7.802 min  
Delta R.T.: -0.002 min  
Response: 1182218108  
Conc: 46.50 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.834 min  
Delta R.T.: 0.000 min  
Response: 56866580  
Conc: 46.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.164 min  
Delta R.T.: 0.000 min  
Response: 847909248  
Conc: 42.49 ng/ml