

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030219\  
 Data File : PD051486.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Mar 2019 18:31  
 Operator : AJ\SJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 22:58:29 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 01 22:56:22 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...          | 3.223 | 4.043 | 6636683  | 173.4E6  | 4.947  | 6.225m# |
| 28) SA Decachlor...         | 7.823 | 9.154 | 6881431  | 118.8E6  | 6.280  | 6.910m  |
| Target Compounds            |       |       |          |          |        |         |
| 2) A alpha-BHC              | 3.643 | 4.436 | 9459240  | 254.2E6  | 4.127  | 5.955 # |
| 3) MA gamma-BHC...          | 3.912 | 4.723 | 9837017  | 233.6E6  | 4.601  | 6.040 # |
| 4) MA Heptachlor            | 4.189 | 5.236 | 10038799 | 235.9E6  | 4.542  | 6.361 # |
| 5) MB Aldrin                | 4.421 | 5.543 | 9379696  | 216.3E6  | 4.464  | 6.208 # |
| 6) B beta-BHC               | 4.158 | 4.893 | 4658124  | 115.1E6  | 5.287  | 6.712 # |
| 7) B delta-BHC              | 4.345 | 5.112 | 8811276  | 197.1E6  | 4.158m | 5.786 # |
| 8) B Heptachlo...           | 4.848 | 5.930 | 9566910  | 197.5E6  | 4.760  | 6.373 # |
| 9) A Endosulfan I           | 5.170 | 6.288 | 9022196  | 182.9E6  | 4.759  | 6.381m# |
| 10) B gamma-Chl...          | 5.066 | 6.166 | 9712281  | 195.4E6  | 4.680  | 6.302 # |
| 11) B alpha-Chl...          | 5.122 | 6.239 | 9819985  | 196.9E6  | 4.781  | 6.483 # |
| 12) B 4,4'-DDE              | 5.291 | 6.395 | 8333868  | 186.9E6  | 4.274  | 6.242 # |
| 13) MA Dieldrin             | 5.404 | 6.548 | 9342745  | 183.9E6  | 4.501m | 6.099 # |
| 14) MA Endrin               | 5.652 | 6.766 | 8935839  | 152.4E6  | 4.524  | 5.967 # |
| 15) B Endosulfa...          | 5.921 | 6.976 | 8901783  | 162.6E6  | 4.857m | 6.612 # |
| 16) A 4,4'-DDD              | 5.793 | 6.886 | 7766178  | 150.9E6  | 4.831  | 6.372 # |
| 17) MA 4,4'-DDT             | 6.023 | 7.187 | 6901323  | 103.9E6  | 4.128m | 5.072   |
| 18) B Endrin al...          | 6.089 | 7.100 | 7763213  | 132.2E6  | 5.224  | 6.428   |
| 19) B Endosulfa...          | 6.297 | 7.324 | 9242127  | 143.9E6  | 5.670  | 6.358   |
| 20) A Methoxychlor          | 6.570 | 7.645 | 4820325  | 62511625 | 5.447  | 5.748   |
| 21) B Endrin ke...          | 6.772 | 7.798 | 9578157  | 133.0E6  | 5.133  | 6.038   |
| 22) Mirex                   | 6.940 | 8.255 | 6617735  | 98535583 | 5.215m | 6.663 # |
| -----                       |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030219\  
Data File : PD051486.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Mar 2019 18:31  
Operator : AJ\SJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

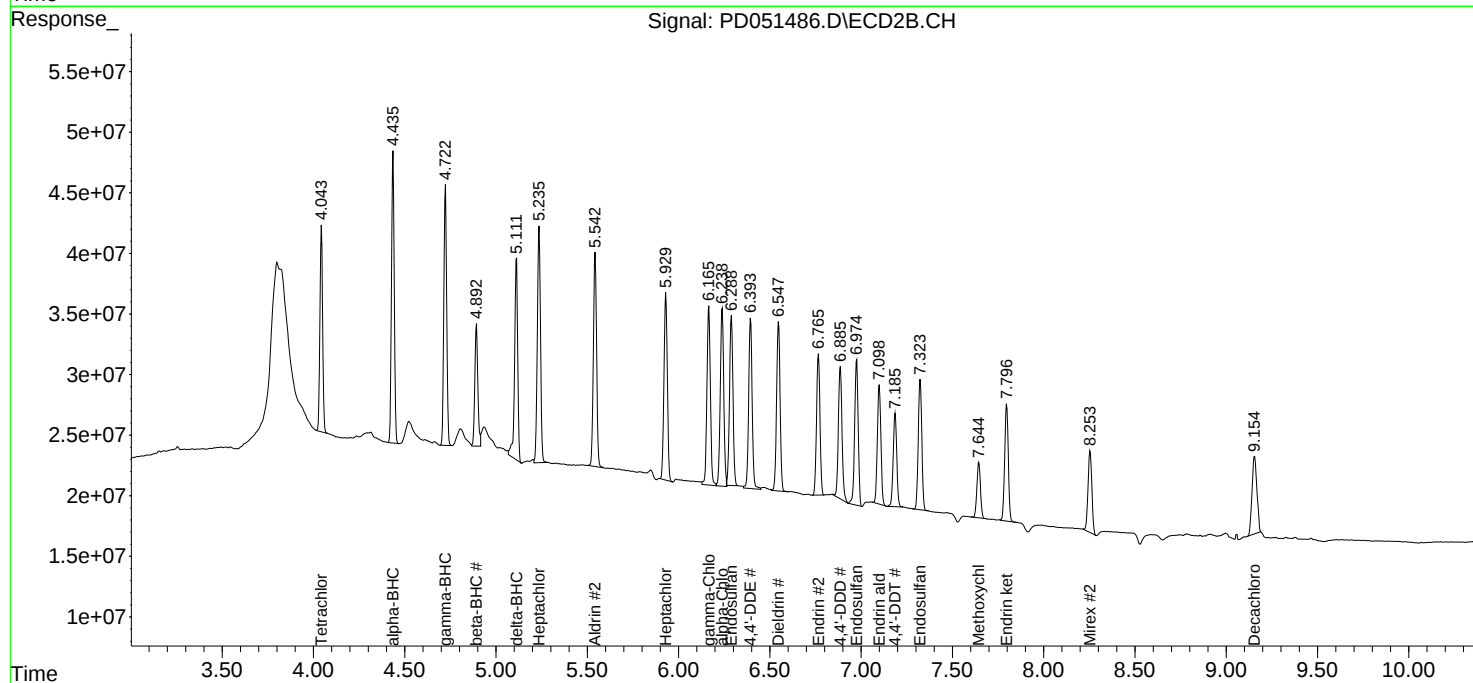
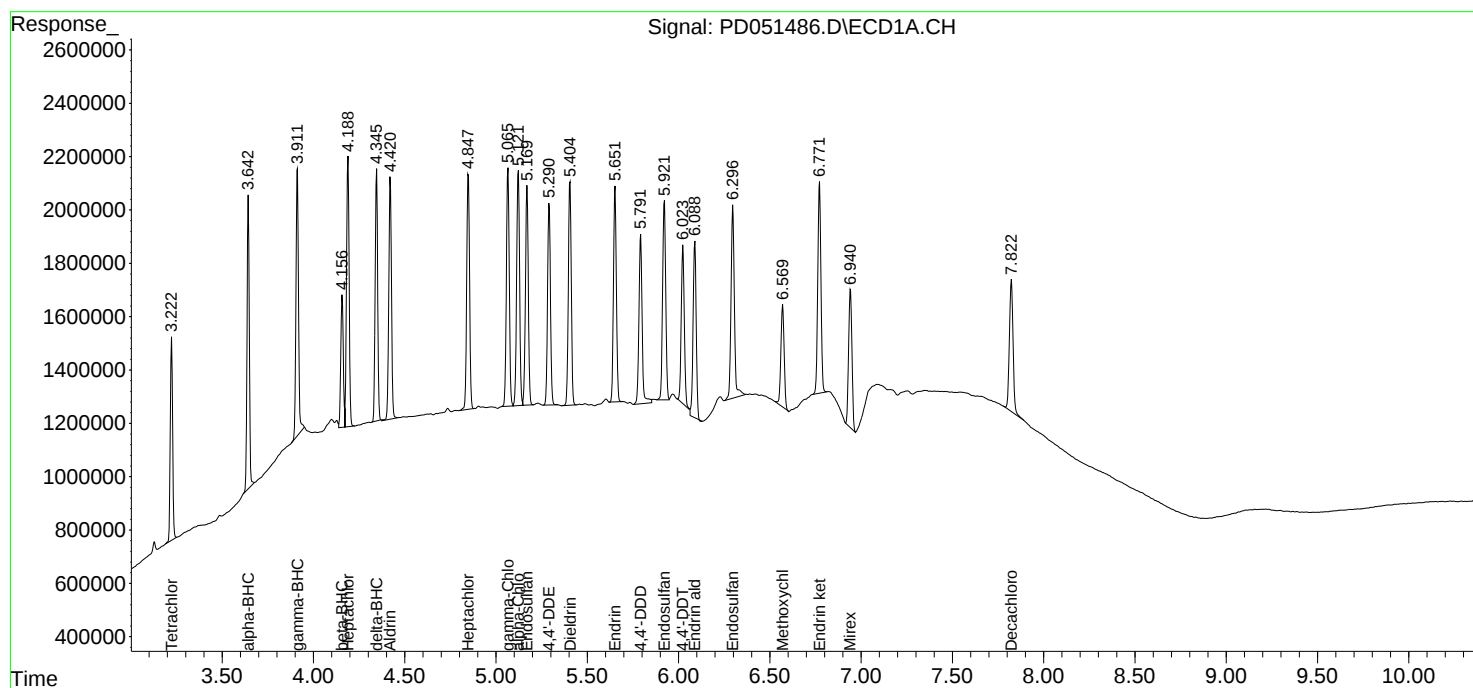
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

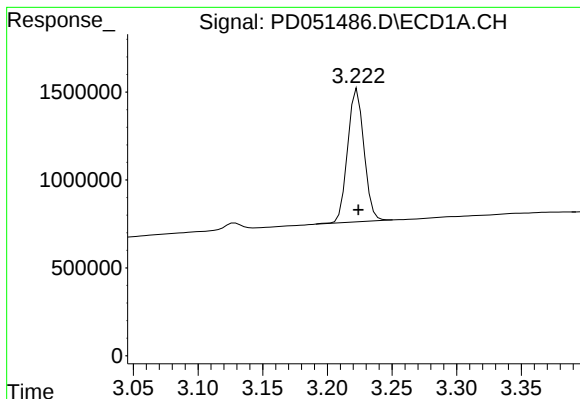
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 01 22:58:29 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 01 22:56:22 2019  
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





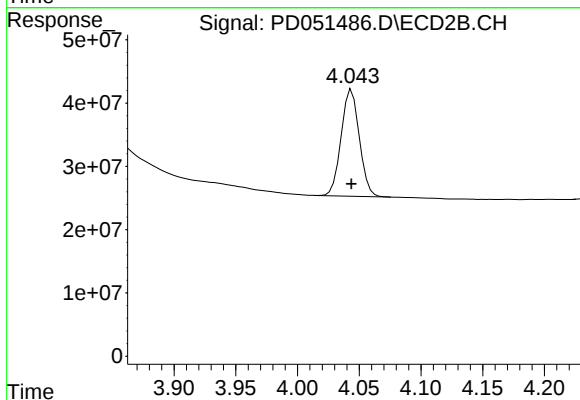
#1 Tetrachloro-m-xylene

R.T.: 3.223 min  
Delta R.T.: 0.000 min  
Response: 6636683  
Conc: 4.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

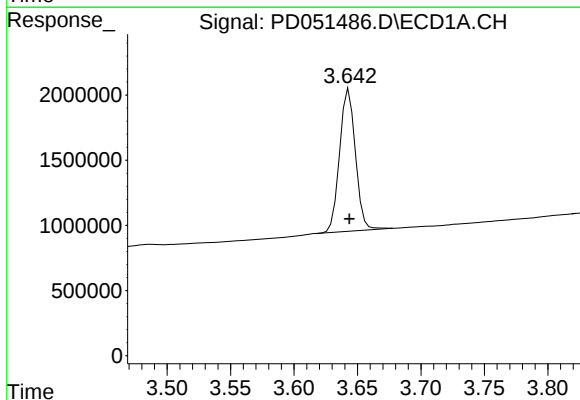
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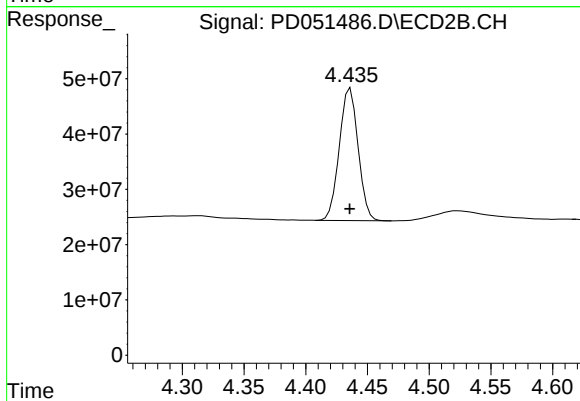
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: -0.001 min  
Response: 173391748  
Conc: 6.23 ng/ml m



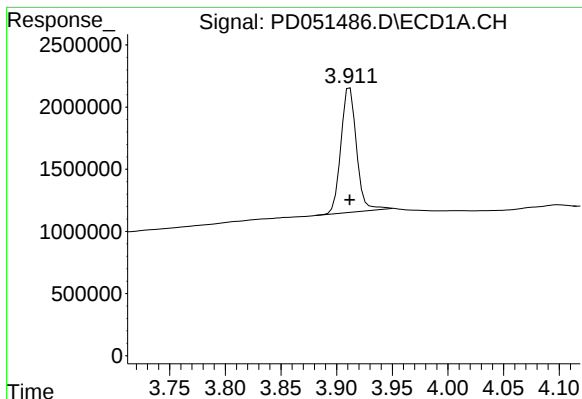
#2 alpha-BHC

R.T.: 3.643 min  
Delta R.T.: 0.000 min  
Response: 9459240  
Conc: 4.13 ng/ml



#2 alpha-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 254154831  
Conc: 5.95 ng/ml



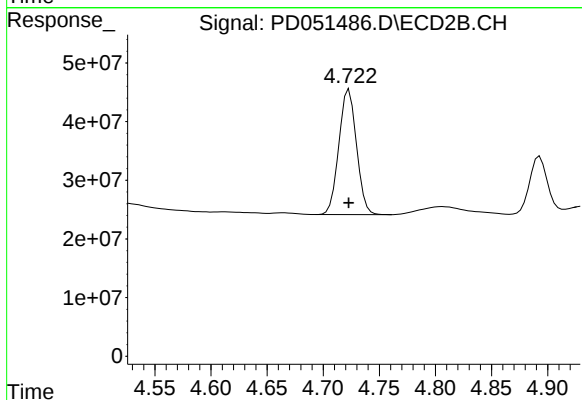
#3 gamma-BHC (Lindane)

R.T.: 3.912 min  
Delta R.T.: 0.000 min  
Response: 9837017  
Conc: 4.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

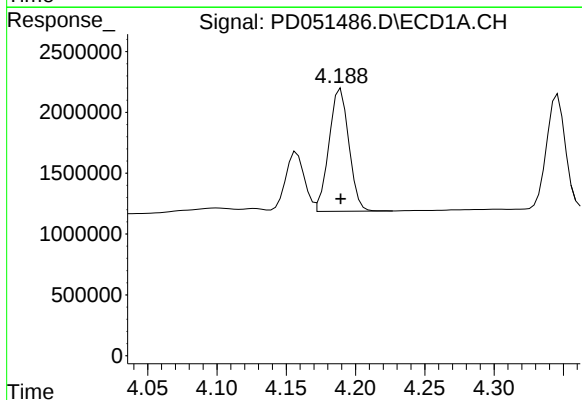
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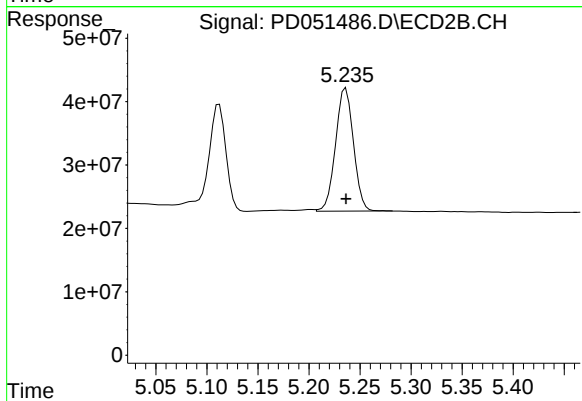
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 233579810  
Conc: 6.04 ng/ml



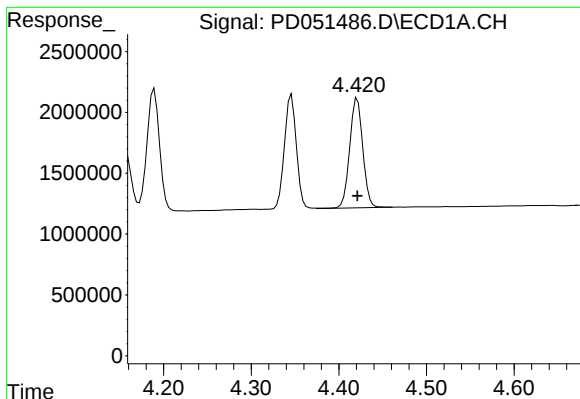
#4 Heptachlor

R.T.: 4.189 min  
Delta R.T.: 0.000 min  
Response: 10038799  
Conc: 4.54 ng/ml



#4 Heptachlor

R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 235875454  
Conc: 6.36 ng/ml



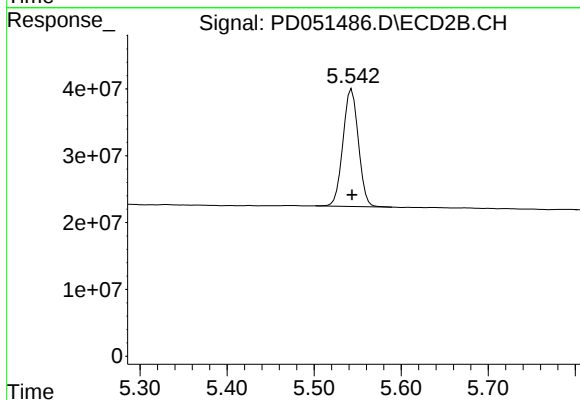
#5 Aldrin

R.T.: 4.421 min  
Delta R.T.: 0.000 min  
Response: 9379696  
Conc: 4.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

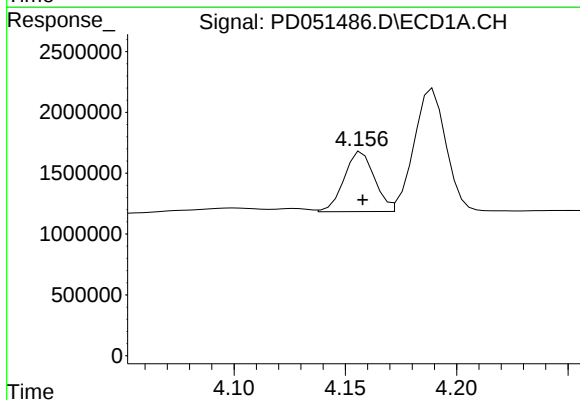
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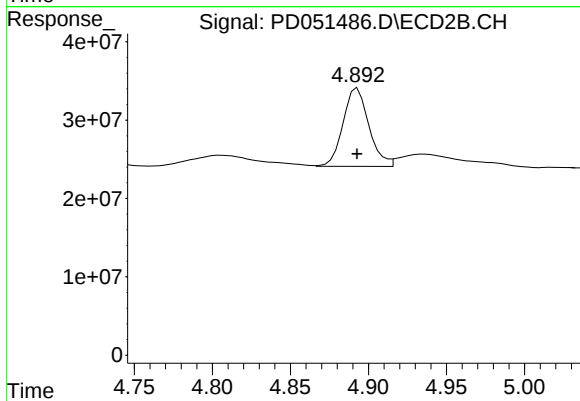
#5 Aldrin

R.T.: 5.543 min  
Delta R.T.: 0.000 min  
Response: 216320935  
Conc: 6.21 ng/ml



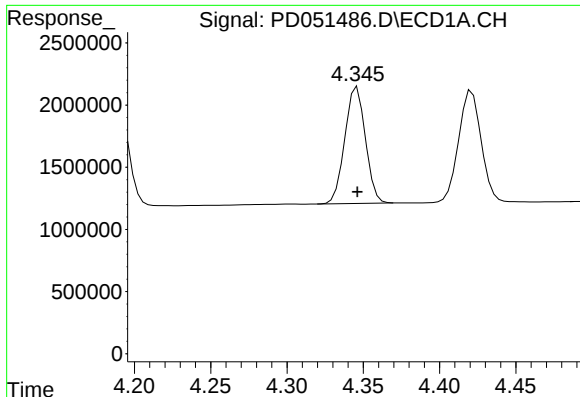
#6 beta-BHC

R.T.: 4.158 min  
Delta R.T.: 0.000 min  
Response: 4658124  
Conc: 5.29 ng/ml



#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 115061750  
Conc: 6.71 ng/ml



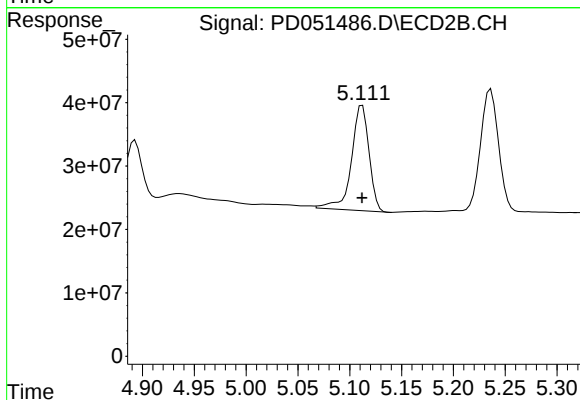
#7 delta-BHC

R.T.: 4.345 min  
Delta R.T.: -0.001 min  
Response: 8811276  
Conc: 4.16 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

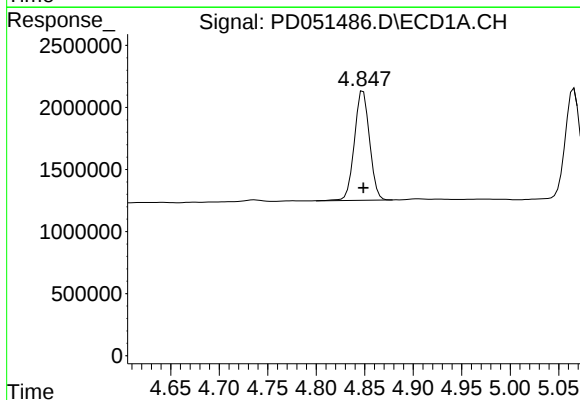
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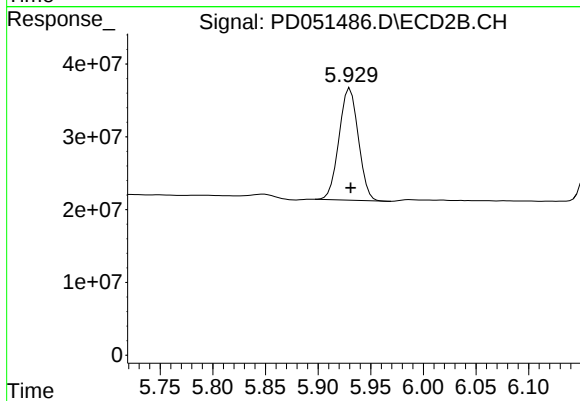
#7 delta-BHC

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 197091724  
Conc: 5.79 ng/ml



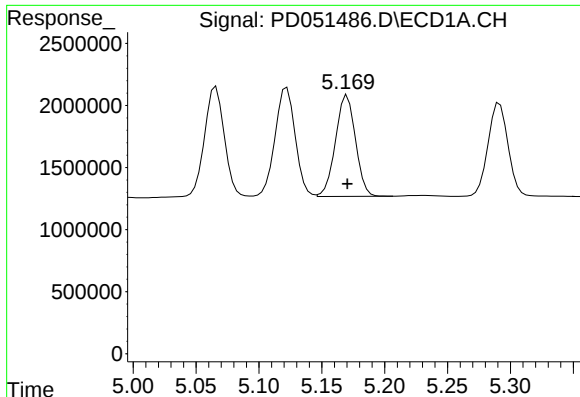
#8 Heptachlor epoxide

R.T.: 4.848 min  
Delta R.T.: 0.000 min  
Response: 9566910  
Conc: 4.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.930 min  
Delta R.T.: 0.000 min  
Response: 197502766  
Conc: 6.37 ng/ml



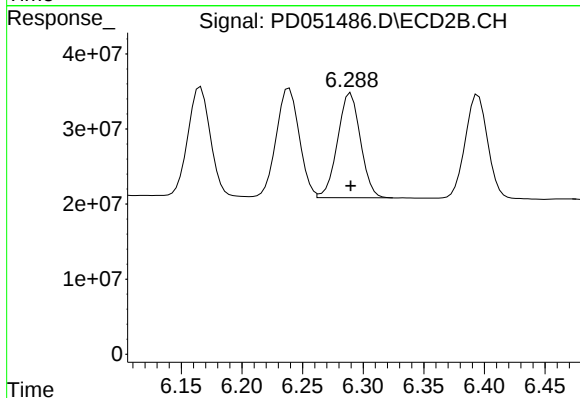
#9 Endosulfan I

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 9022196  
Conc: 4.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

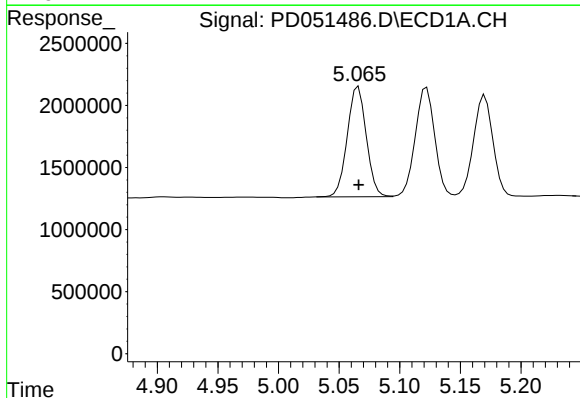
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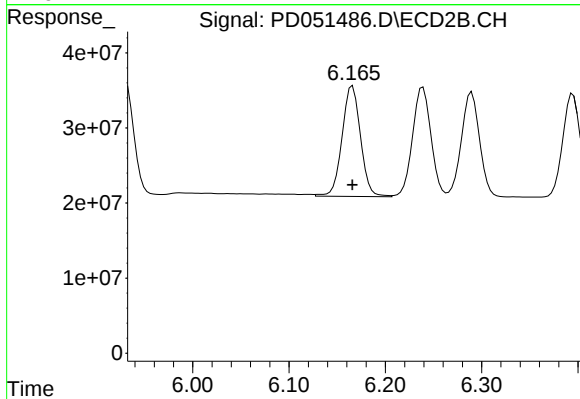
#9 Endosulfan I

R.T.: 6.288 min  
Delta R.T.: -0.001 min  
Response: 182891245  
Conc: 6.38 ng/ml m



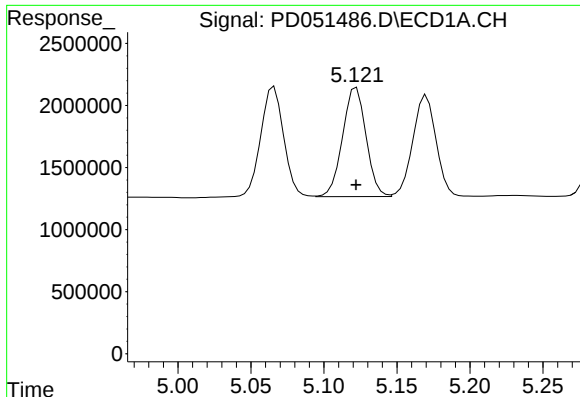
#10 gamma-Chlordane

R.T.: 5.066 min  
Delta R.T.: 0.000 min  
Response: 9712281  
Conc: 4.68 ng/ml



#10 gamma-Chlordane

R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 195425906  
Conc: 6.30 ng/ml



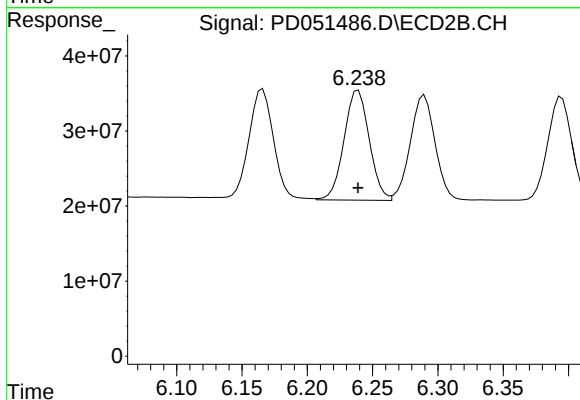
#11 alpha-Chlordane

R.T.: 5.122 min  
Delta R.T.: 0.000 min  
Response: 9819985  
Conc: 4.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

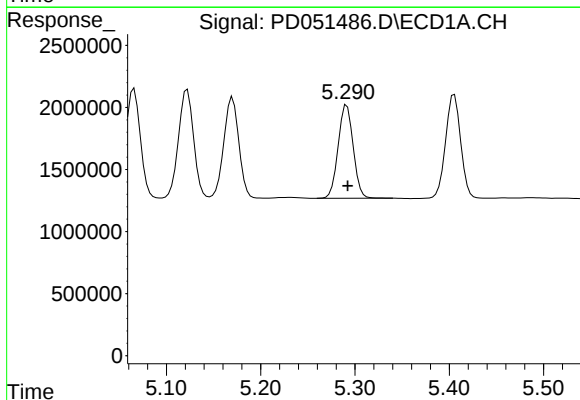
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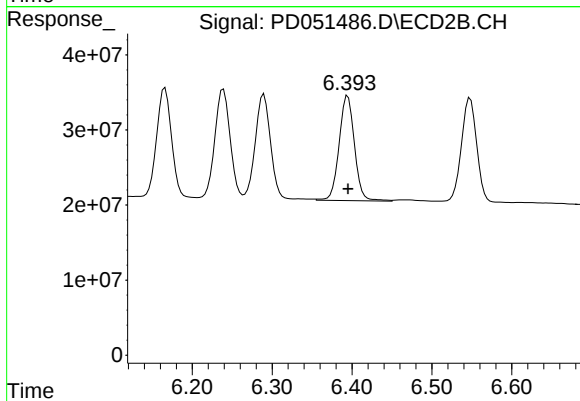
#11 alpha-Chlordane

R.T.: 6.239 min  
Delta R.T.: 0.000 min  
Response: 196872016  
Conc: 6.48 ng/ml



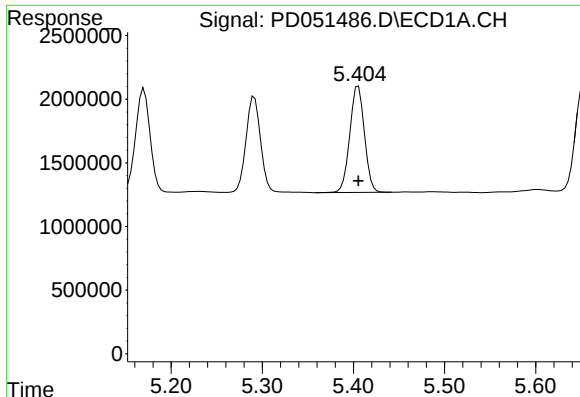
#12 4,4'-DDE

R.T.: 5.291 min  
Delta R.T.: 0.000 min  
Response: 8333868  
Conc: 4.27 ng/ml



#12 4,4'-DDE

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 186859194  
Conc: 6.24 ng/ml



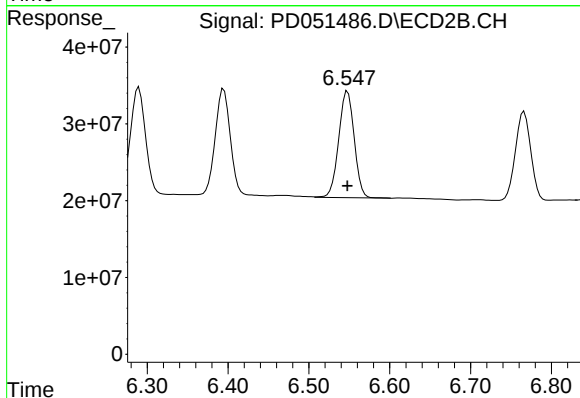
#13 Dieldrin

R.T.: 5.404 min  
Delta R.T.: -0.002 min  
Response: 9342745  
Conc: 4.50 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

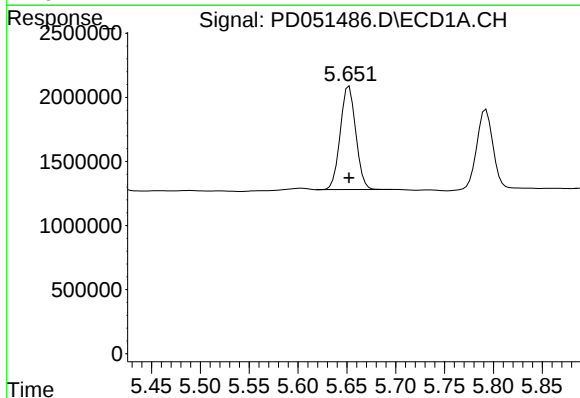
Manual Integrations  
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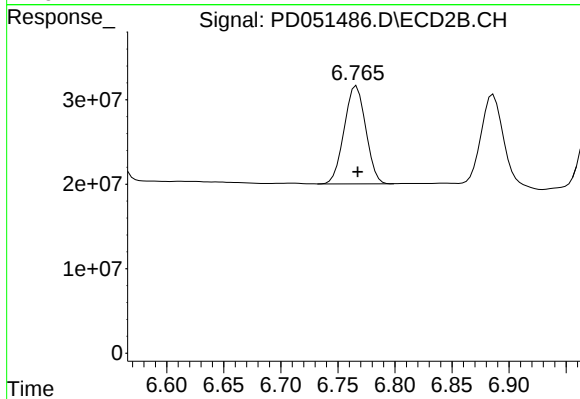
#13 Dieldrin

R.T.: 6.548 min  
Delta R.T.: 0.000 min  
Response: 183923883  
Conc: 6.10 ng/ml



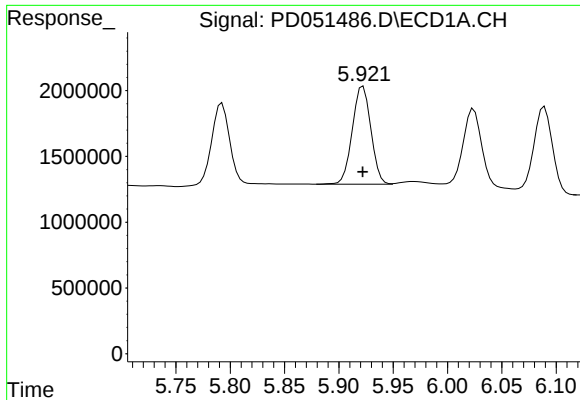
#14 Endrin

R.T.: 5.652 min  
Delta R.T.: 0.000 min  
Response: 8935839  
Conc: 4.52 ng/ml



#14 Endrin

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 152385523  
Conc: 5.97 ng/ml



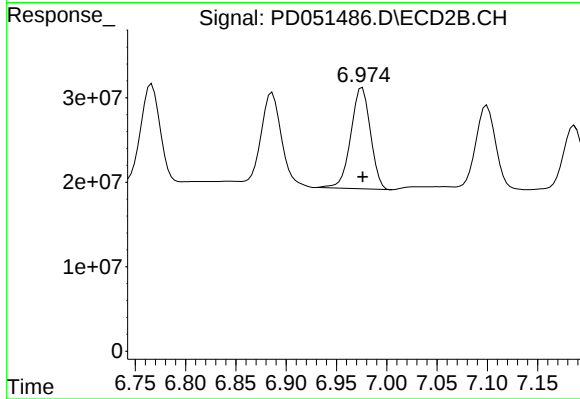
#15 Endosulfan II

R.T.: 5.921 min  
Delta R.T.: -0.001 min  
Response: 8901783  
Conc: 4.86 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

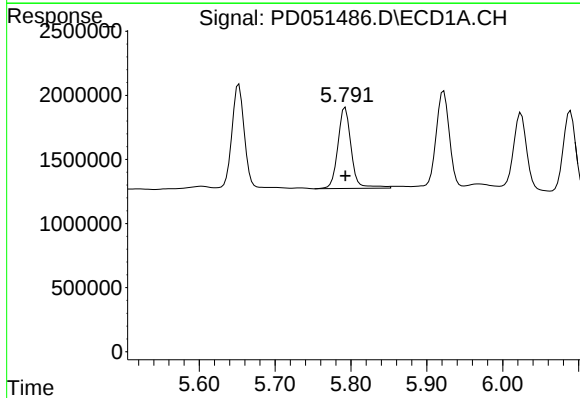
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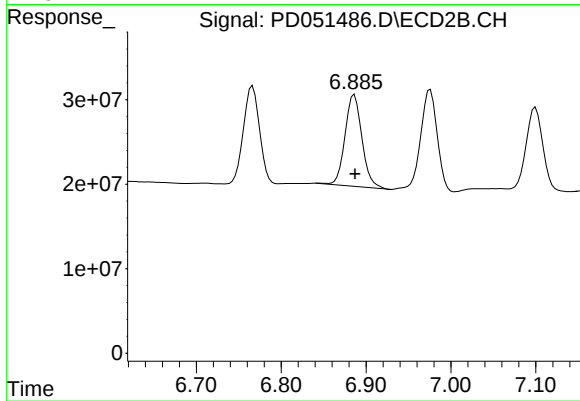
#15 Endosulfan II

R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 162646977  
Conc: 6.61 ng/ml



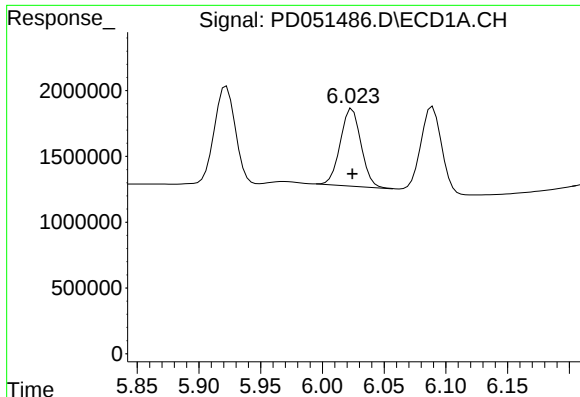
#16 4,4'-DDD

R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 7766178  
Conc: 4.83 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 150871194  
Conc: 6.37 ng/ml



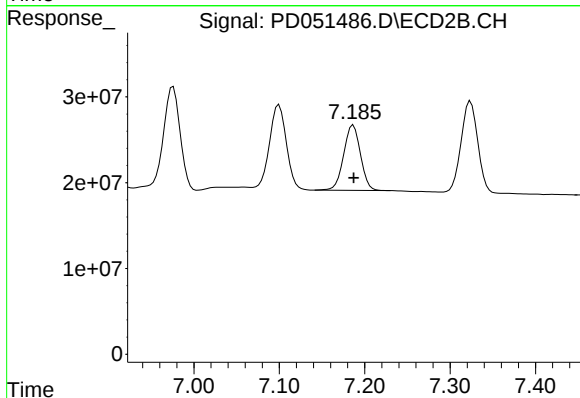
#17 4,4'-DDT

R.T.: 6.023 min  
Delta R.T.: -0.002 min  
Response: 6901323  
Conc: 4.13 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

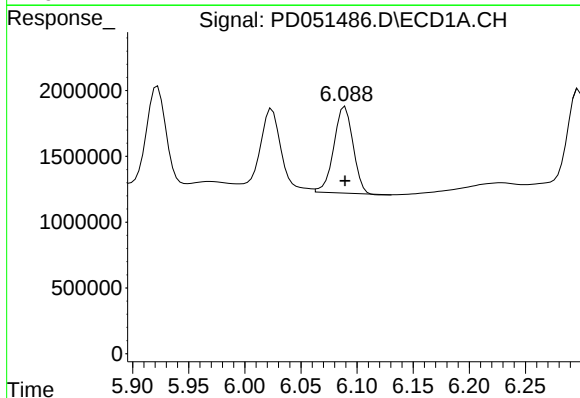
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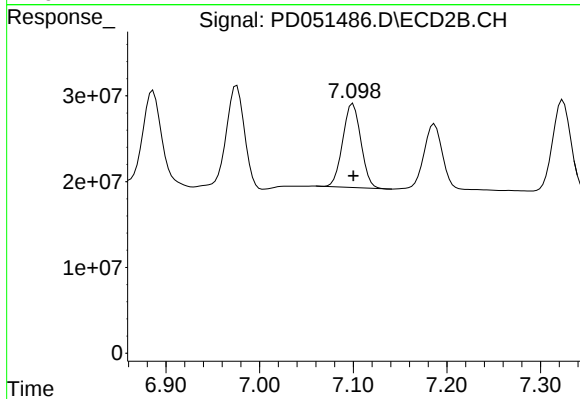
#17 4,4'-DDT

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 103929248  
Conc: 5.07 ng/ml



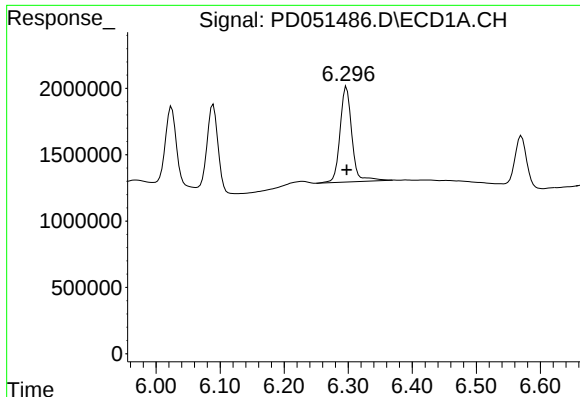
#18 Endrin aldehyde

R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 7763213  
Conc: 5.22 ng/ml



#18 Endrin aldehyde

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 132246678  
Conc: 6.43 ng/ml



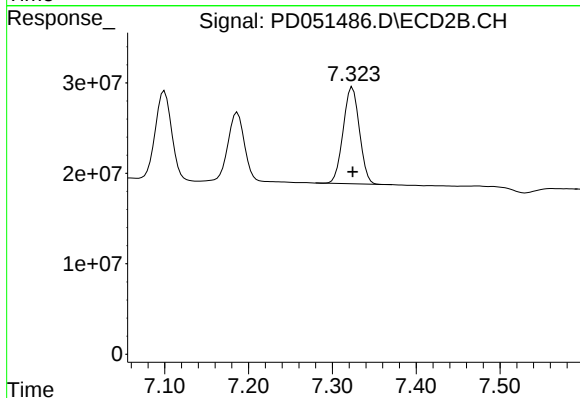
#19 Endosulfan Sulfate

R.T.: 6.297 min  
Delta R.T.: 0.000 min  
Response: 9242127  
Conc: 5.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

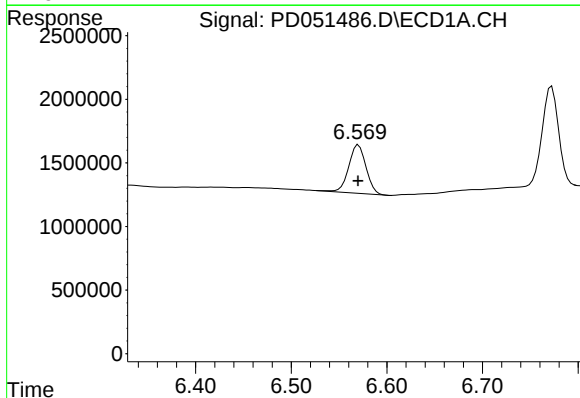
Manual Integrations  
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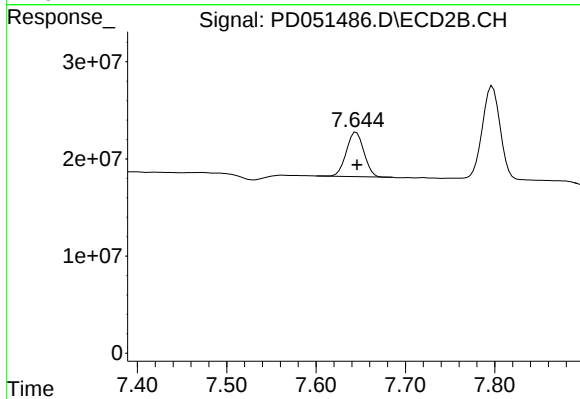
#19 Endosulfan Sulfate

R.T.: 7.324 min  
Delta R.T.: 0.000 min  
Response: 143884891  
Conc: 6.36 ng/ml



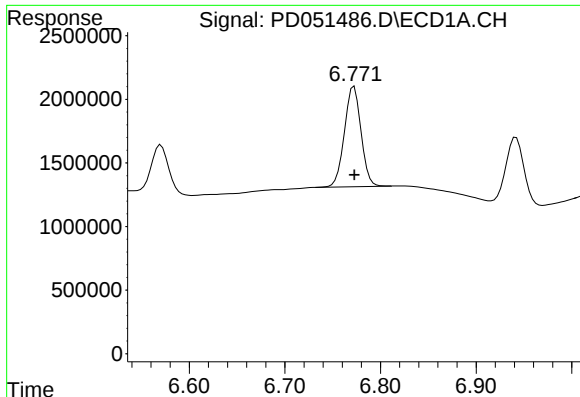
#20 Methoxychlor

R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 4820325  
Conc: 5.45 ng/ml



#20 Methoxychlor

R.T.: 7.645 min  
Delta R.T.: 0.000 min  
Response: 62511625  
Conc: 5.75 ng/ml



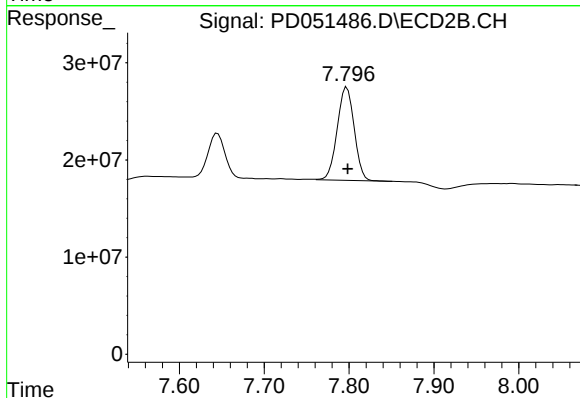
#21 Endrin ketone

R.T.: 6.772 min  
Delta R.T.: 0.000 min  
Response: 9578157  
Conc: 5.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

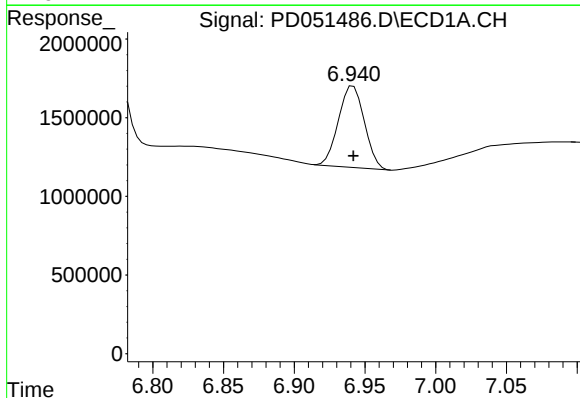
Manual Integrations  
APPROVED

Sohil  
3/4/2019 11:50:40 AM



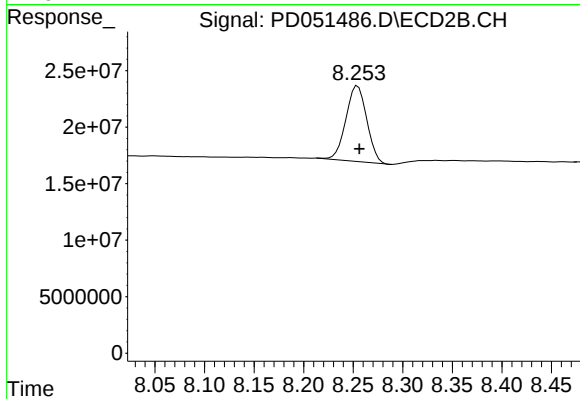
#21 Endrin ketone

R.T.: 7.798 min  
Delta R.T.: 0.000 min  
Response: 132999042  
Conc: 6.04 ng/ml



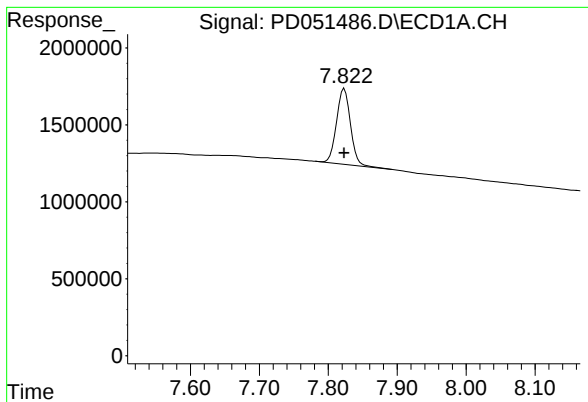
#22 Mirex

R.T.: 6.940 min  
Delta R.T.: -0.002 min  
Response: 6617735  
Conc: 5.22 ng/ml m



#22 Mirex

R.T.: 8.255 min  
Delta R.T.: -0.002 min  
Response: 98535583  
Conc: 6.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.823 min

Delta R.T.: 0.000 min

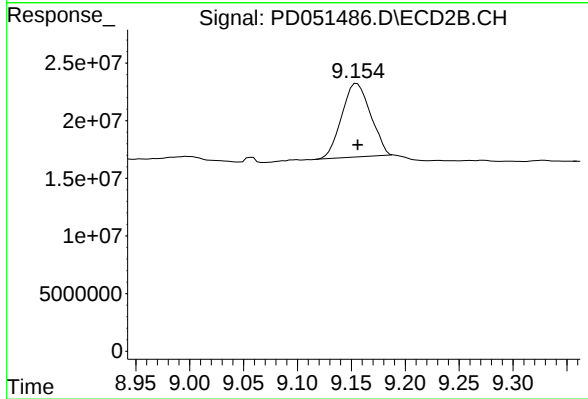
Response: 6881431

Conc: 6.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

Manual Integrations  
APPROVED

Sohil  
3/4/2019 11:50:40 AM



#28 Decachlorobiphenyl

R.T.: 9.154 min

Delta R.T.: -0.002 min

Response: 118799180

Conc: 6.91 ng/ml m