

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081519\  
 Data File : PD054289.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Aug 2019 19:03  
 Operator : SG\AJ  
 Sample : PSTDICC025  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC025

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 08:11:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081519.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 16 07:48:14 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... | 3.312 | 3.983 | 14933297 | 21268724 | 25.368  | 25.643 |
| 28)                         | SA Decachlor... | 8.006 | 9.025 | 16106428 | 21797921 | 25.735  | 26.205 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.741 | 4.369 | 22064779 | 29889645 | 24.471  | 24.465 |
| 3)                          | MA gamma-BHC... | 4.018 | 4.652 | 21423333 | 29389211 | 24.970  | 24.858 |
| 4)                          | MA Heptachlor   | 4.306 | 5.159 | 19597211 | 29252885 | 25.001  | 25.163 |
| 5)                          | MB Aldrin       | 4.546 | 5.463 | 20881123 | 29391876 | 24.955  | 24.939 |
| 6)                          | B beta-BHC      | 4.267 | 4.819 | 9615724  | 14351930 | 25.690  | 25.748 |
| 7)                          | B delta-BHC     | 4.465 | 5.035 | 22429127 | 31569589 | 24.450  | 24.402 |
| 8)                          | B Heptachlor... | 4.984 | 5.847 | 19918306 | 29356400 | 25.055  | 25.294 |
| 9)                          | A Endosulfan I  | 5.316 | 6.202 | 19468702 | 28071174 | 25.131  | 25.177 |
| 10)                         | B gamma-Chl...  | 5.207 | 6.080 | 21050997 | 31144422 | 24.819  | 25.104 |
| 11)                         | B alpha-Chl...  | 5.264 | 6.152 | 20959094 | 31127586 | 24.990  | 25.316 |
| 12)                         | B 4,4'-DDE      | 5.434 | 6.309 | 16717891 | 25739139 | 24.035  | 24.089 |
| 13)                         | MA Dieldrin     | 5.557 | 6.458 | 20894038 | 30172341 | 24.551  | 24.685 |
| 14)                         | MA Endrin       | 5.811 | 6.674 | 19612276 | 25257463 | 24.815  | 24.770 |
| 15)                         | B Endosulfa...  | 6.085 | 6.881 | 18569412 | 27553692 | 24.567  | 24.947 |
| 16)                         | A 4,4'-DDD      | 5.946 | 6.795 | 11073894 | 18637349 | 24.187  | 24.184 |
| 17)                         | MA 4,4'-DDT     | 6.183 | 7.094 | 12151615 | 19518903 | 23.253  | 23.498 |
| 18)                         | B Endrin al...  | 6.254 | 7.005 | 15323698 | 22609297 | 25.374  | 25.186 |
| 19)                         | B Endosulfa...  | 6.465 | 7.228 | 16804516 | 24721327 | 24.951  | 25.128 |
| 20)                         | A Methoxychlor  | 6.733 | 7.550 | 5266007  | 9804265  | 25.141  | 24.898 |
| 21)                         | B Endrin ke...  | 6.950 | 7.696 | 18962390 | 27196414 | 24.241m | 24.861 |
| 22)                         | Mirex           | 7.127 | 8.151 | 16682198 | 22898907 | 25.609  | 26.101 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081519\  
Data File : PD054289.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Aug 2019 19:03  
Operator : SG\AJ  
Sample : PSTDICC025  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

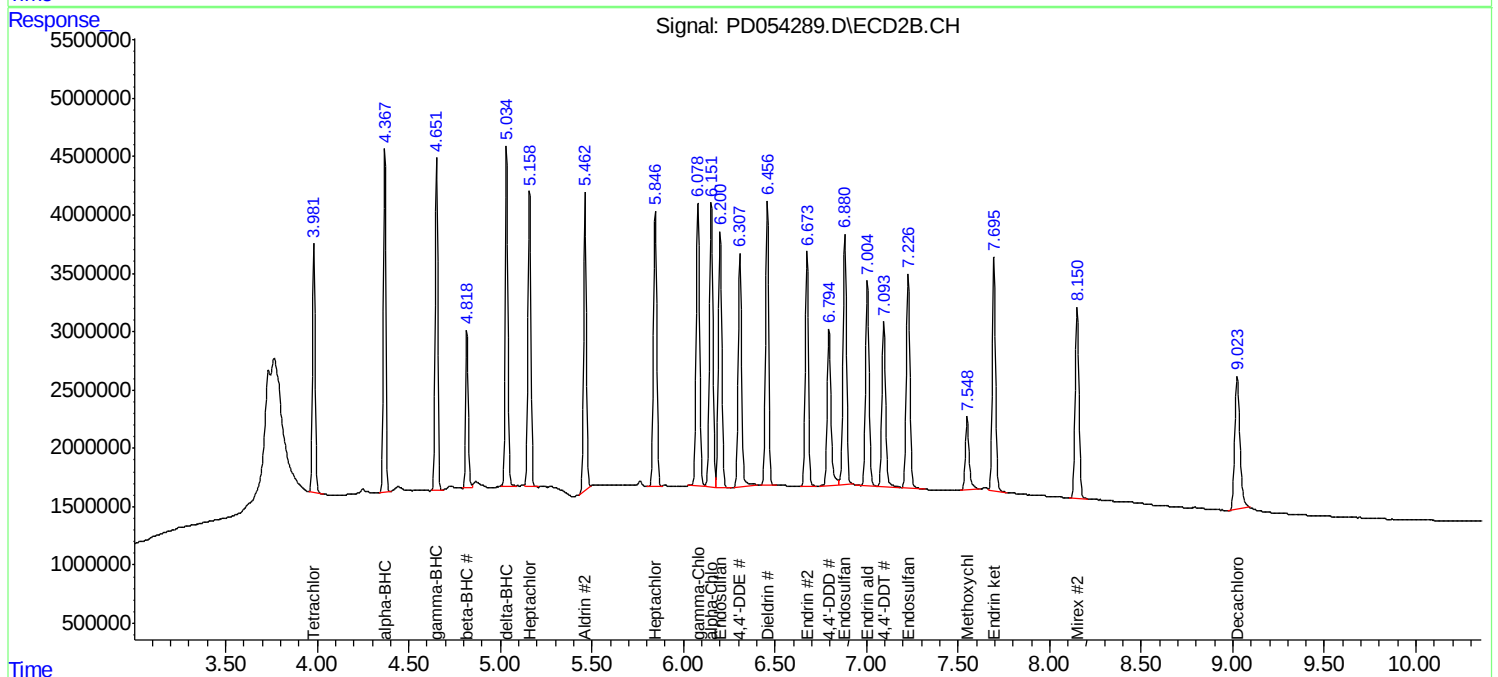
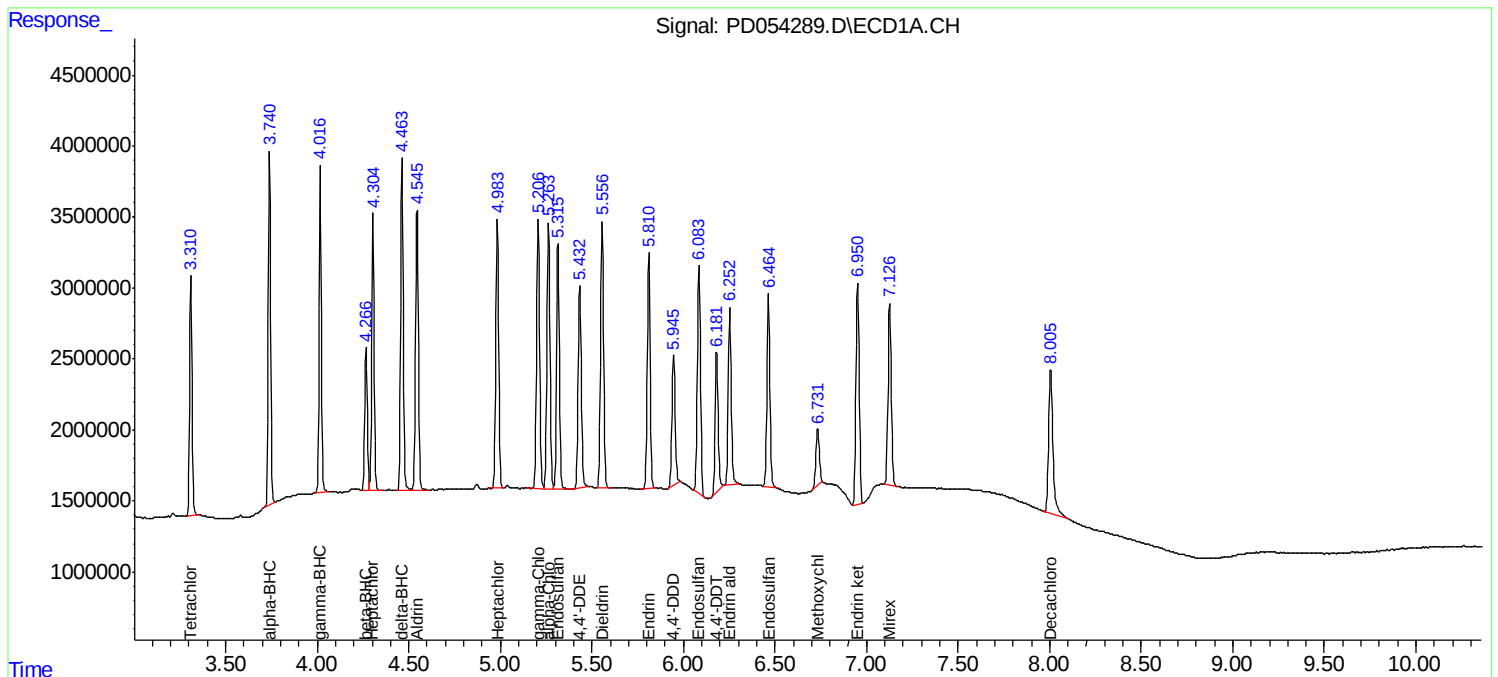
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC025

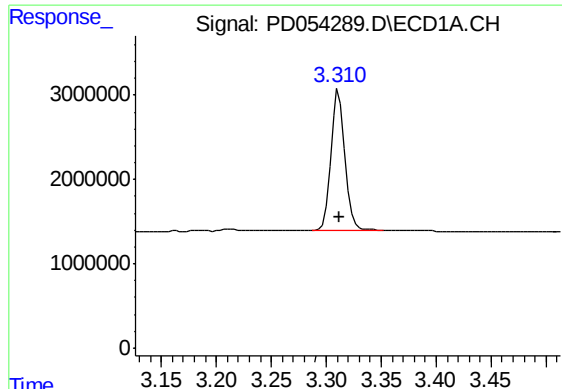
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 08:11:18 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081519.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 16 07:48:14 2019  
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





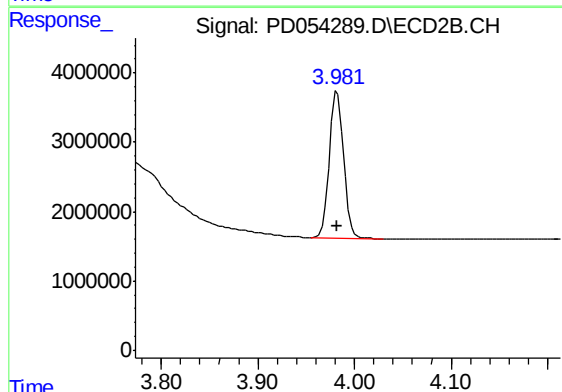
#1 Tetrachloro-m-xylene

R.T.: 3.312 min  
Delta R.T.: 0.000 min  
Response: 14933297  
Conc: 25.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

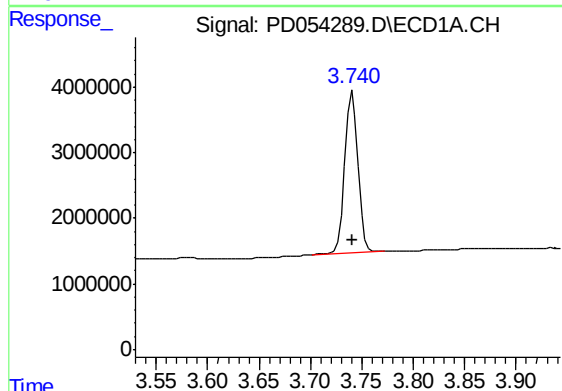
Manual Integrations  
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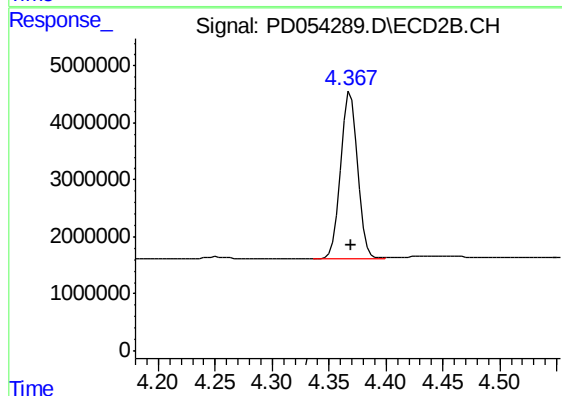
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: 0.000 min  
Response: 21268724  
Conc: 25.64 ng/ml



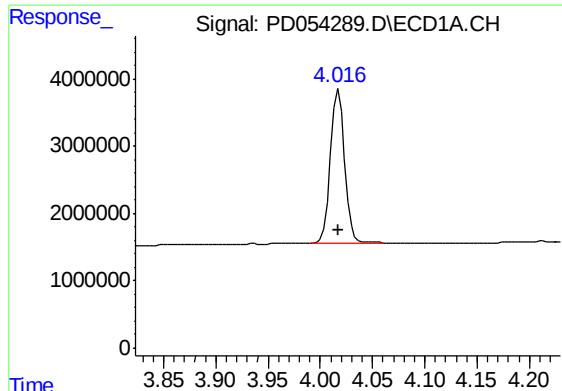
#2 alpha-BHC

R.T.: 3.741 min  
Delta R.T.: 0.000 min  
Response: 22064779  
Conc: 24.47 ng/ml



#2 alpha-BHC

R.T.: 4.369 min  
Delta R.T.: 0.000 min  
Response: 29889645  
Conc: 24.47 ng/ml



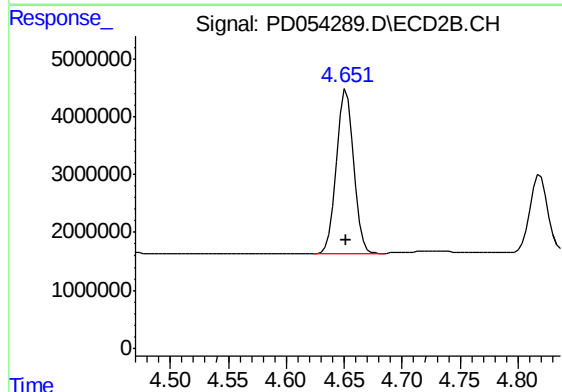
#3 gamma-BHC (Lindane)

R.T.: 4.018 min  
Delta R.T.: 0.000 min  
Response: 21423333  
Conc: 24.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

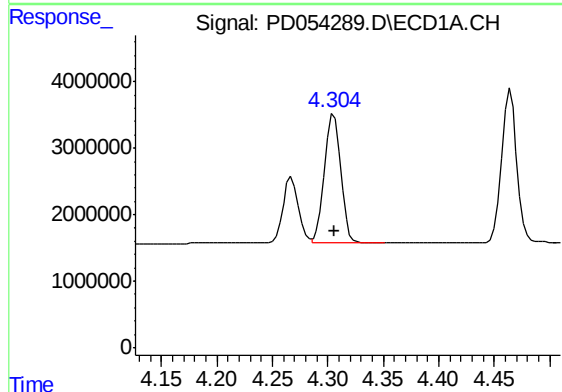
Manual Integrations  
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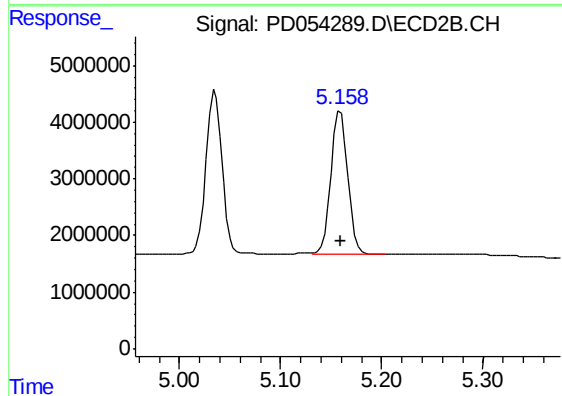
#3 gamma-BHC (Lindane)

R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 29389211  
Conc: 24.86 ng/ml



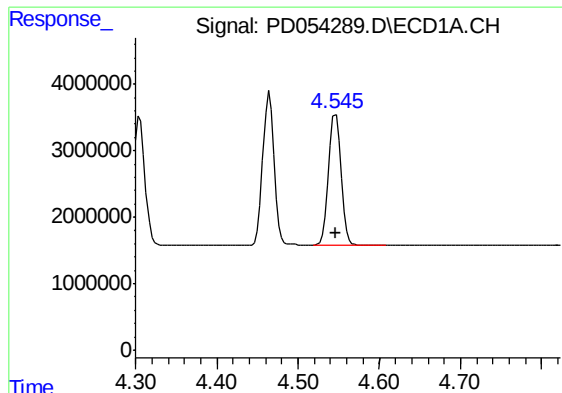
#4 Heptachlor

R.T.: 4.306 min  
Delta R.T.: 0.000 min  
Response: 19597211  
Conc: 25.00 ng/ml



#4 Heptachlor

R.T.: 5.159 min  
Delta R.T.: 0.000 min  
Response: 29252885  
Conc: 25.16 ng/ml



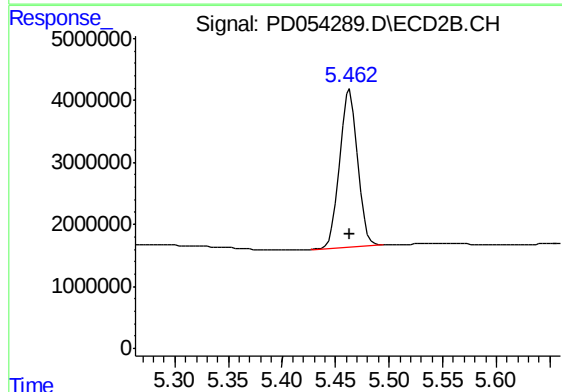
#5 Aldrin

R.T.: 4.546 min  
Delta R.T.: 0.000 min  
Response: 20881123  
Conc: 24.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC025

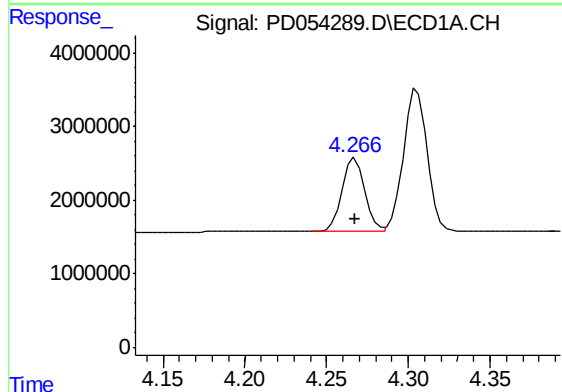
Manual Integrations  
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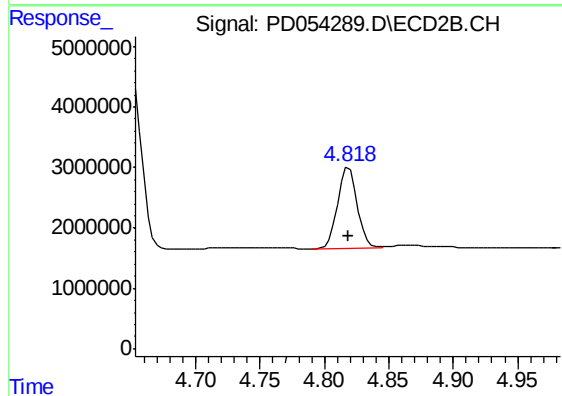
#5 Aldrin

R.T.: 5.463 min  
Delta R.T.: 0.000 min  
Response: 29391876  
Conc: 24.94 ng/ml



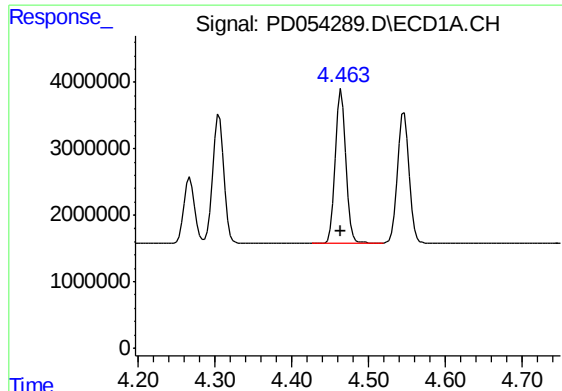
#6 beta-BHC

R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 9615724  
Conc: 25.69 ng/ml



#6 beta-BHC

R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 14351930  
Conc: 25.75 ng/ml



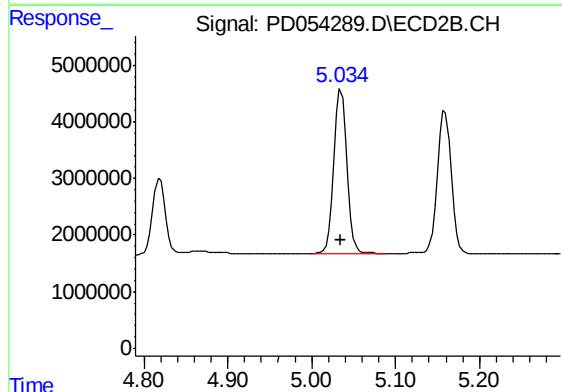
#7 delta-BHC

R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 22429127  
Conc: 24.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

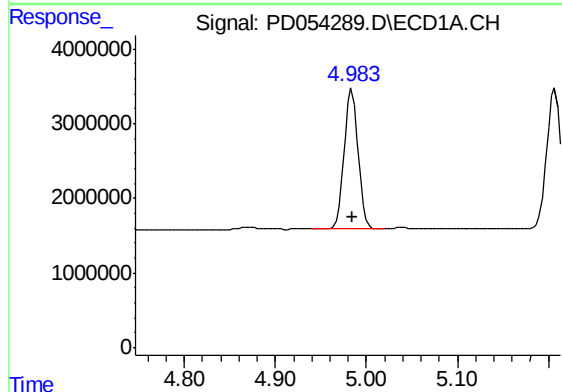
Manual Integrations  
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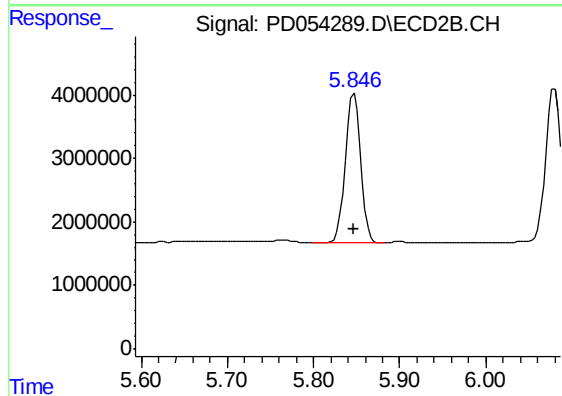
#7 delta-BHC

R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 31569589  
Conc: 24.40 ng/ml



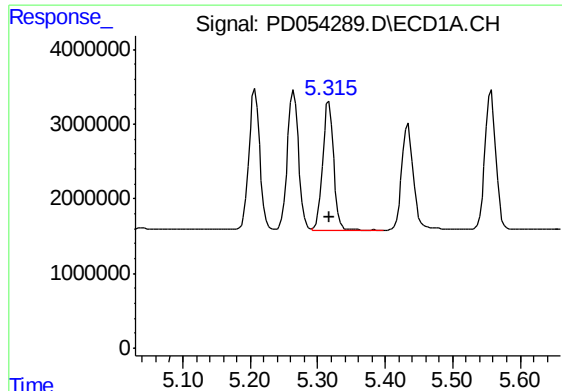
#8 Heptachlor epoxide

R.T.: 4.984 min  
Delta R.T.: 0.000 min  
Response: 19918306  
Conc: 25.06 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 29356400  
Conc: 25.29 ng/ml



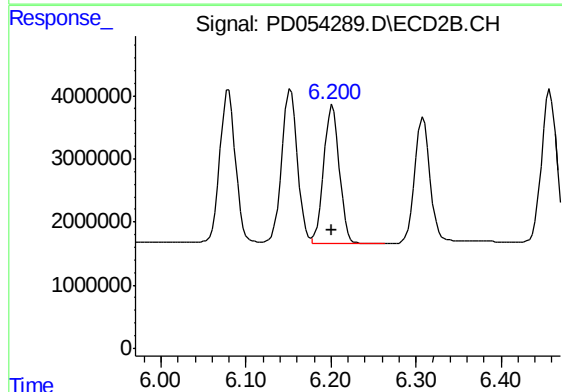
#9 Endosulfan I

R.T.: 5.316 min  
Delta R.T.: 0.000 min  
Response: 19468702  
Conc: 25.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

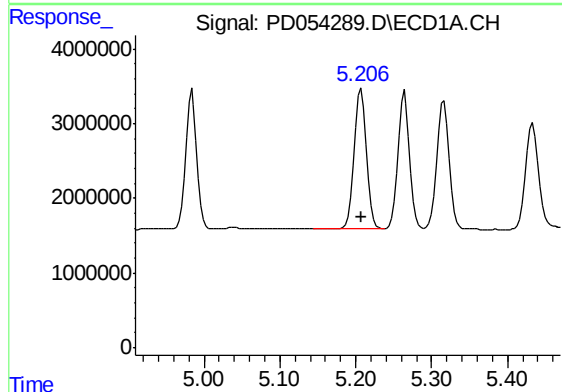
Manual Integrations  
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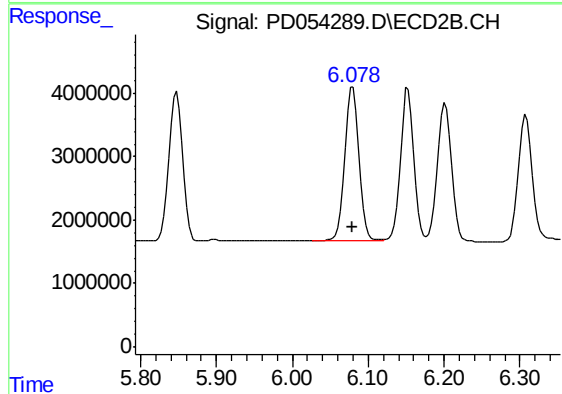
#9 Endosulfan I

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 28071174  
Conc: 25.18 ng/ml



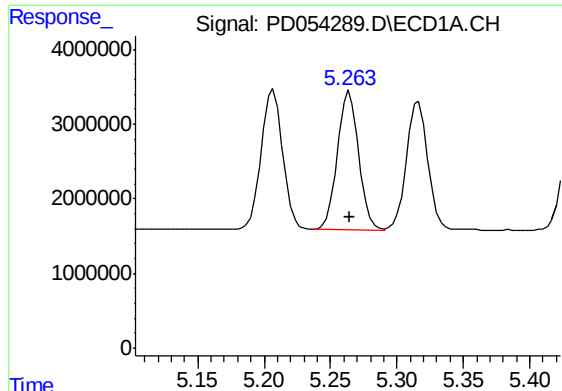
#10 gamma-Chlordane

R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 21050997  
Conc: 24.82 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 31144422  
Conc: 25.10 ng/ml



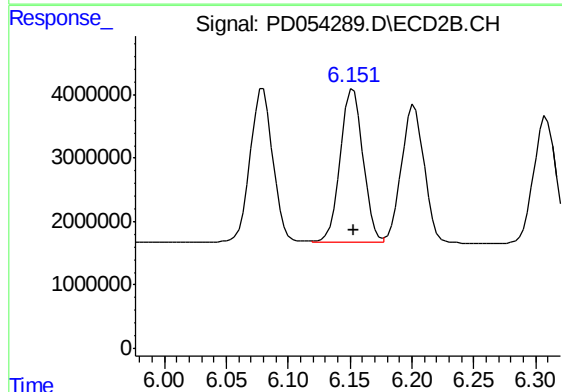
#11 alpha-Chlordane

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 20959094  
Conc: 24.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

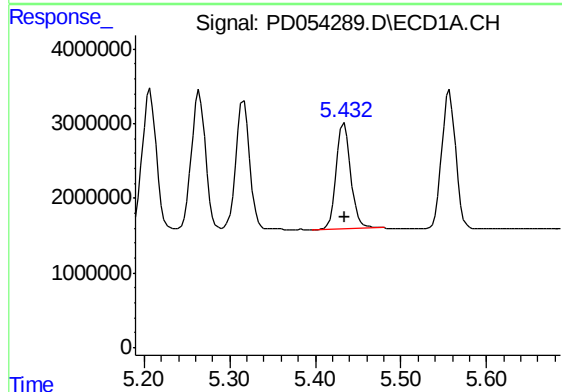
Manual Integrations  
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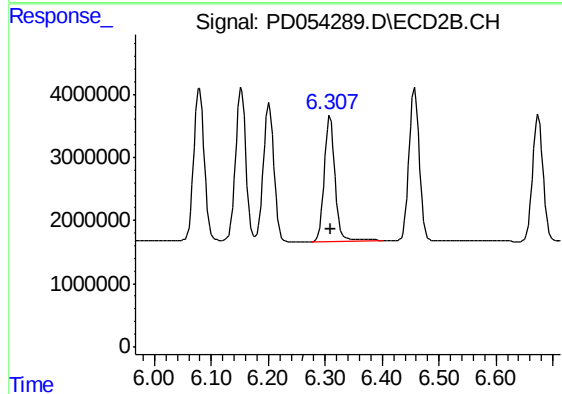
#11 alpha-Chlordane

R.T.: 6.152 min  
Delta R.T.: 0.000 min  
Response: 31127586  
Conc: 25.32 ng/ml



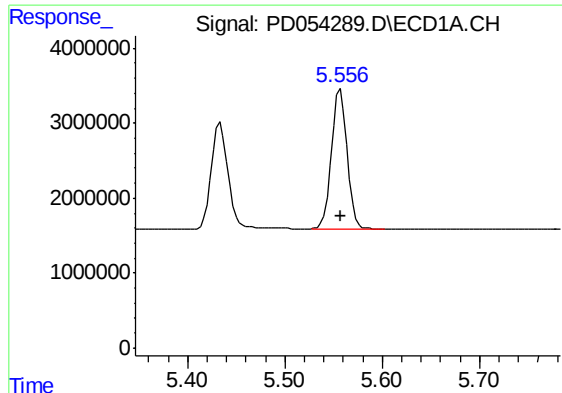
#12 4,4'-DDE

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 16717891  
Conc: 24.04 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 25739139  
Conc: 24.09 ng/ml



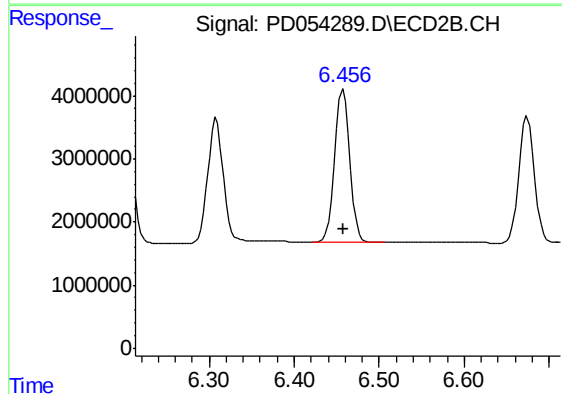
#13 Dieldrin

R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 20894038  
Conc: 24.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

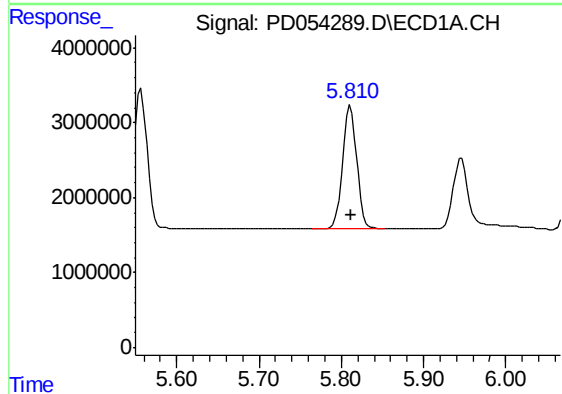
Manual Integrations  
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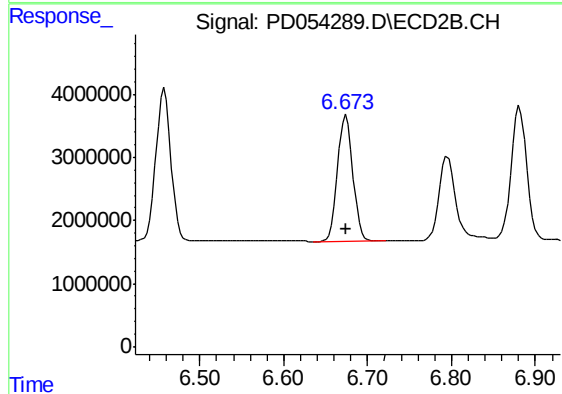
#13 Dieldrin

R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 30172341  
Conc: 24.68 ng/ml



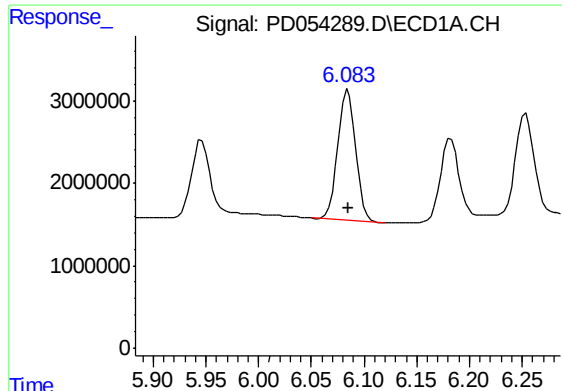
#14 Endrin

R.T.: 5.811 min  
Delta R.T.: 0.000 min  
Response: 19612276  
Conc: 24.82 ng/ml



#14 Endrin

R.T.: 6.674 min  
Delta R.T.: 0.000 min  
Response: 25257463  
Conc: 24.77 ng/ml



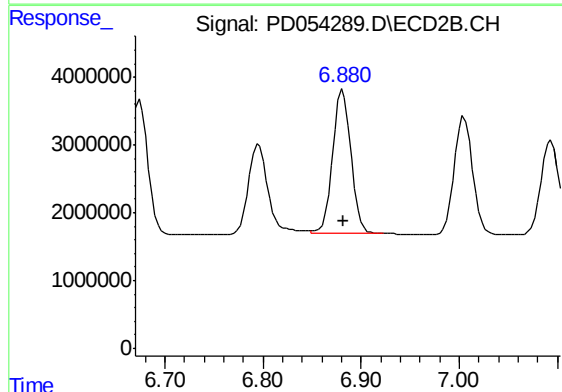
#15 Endosulfan II

R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 18569412  
Conc: 24.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

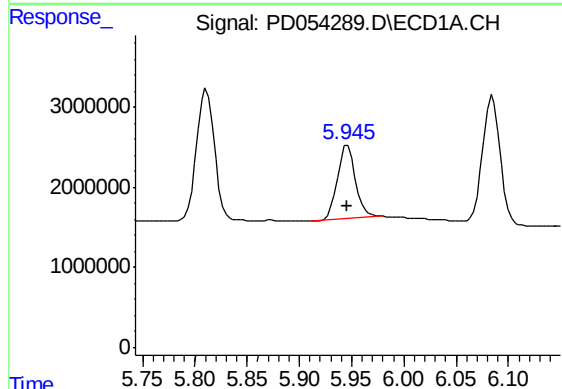
Manual Integrations  
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Ankita  
8/16/2019 2:50:05 PM



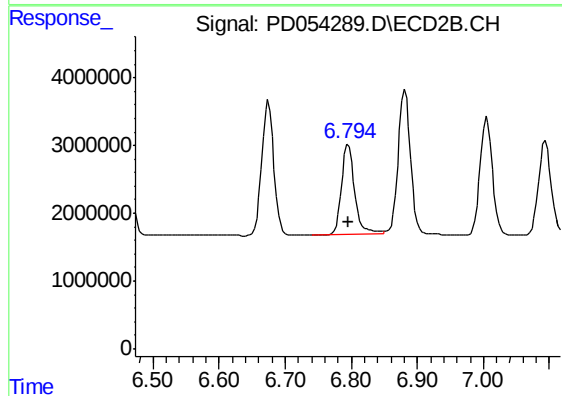
#15 Endosulfan II

R.T.: 6.881 min  
Delta R.T.: 0.000 min  
Response: 27553692  
Conc: 24.95 ng/ml



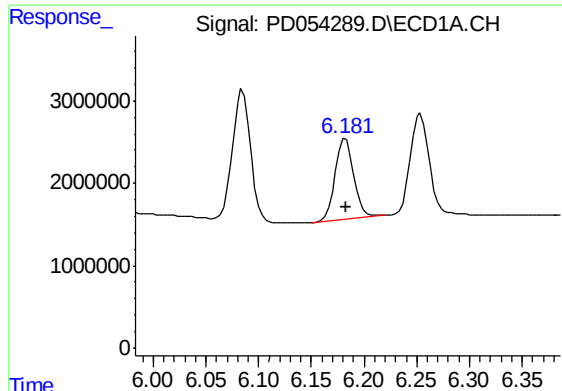
#16 4,4'-DDD

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 11073894  
Conc: 24.19 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 18637349  
Conc: 24.18 ng/ml



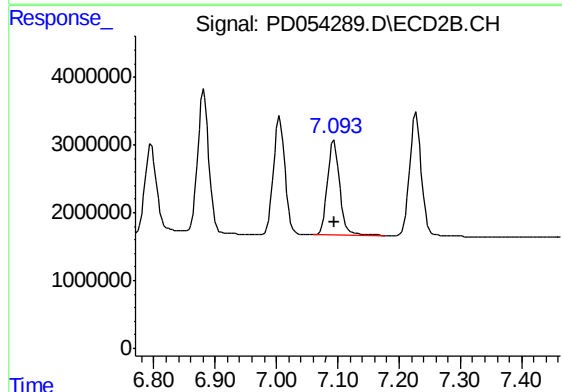
#17 4,4'-DDT

R.T.: 6.183 min  
Delta R.T.: 0.000 min  
Response: 12151615  
Conc: 23.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC025

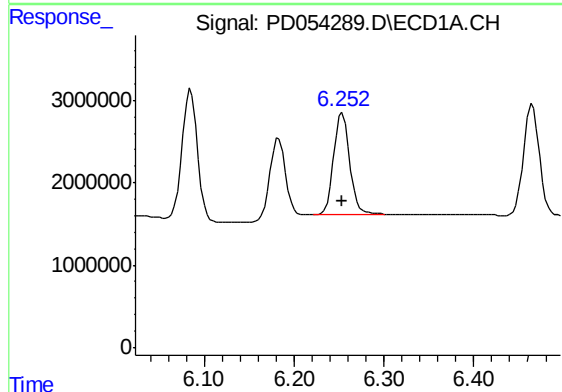
Manual Integrations  
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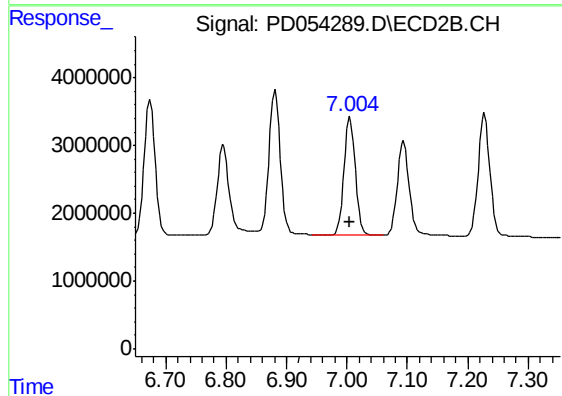
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: 0.000 min  
Response: 19518903  
Conc: 23.50 ng/ml



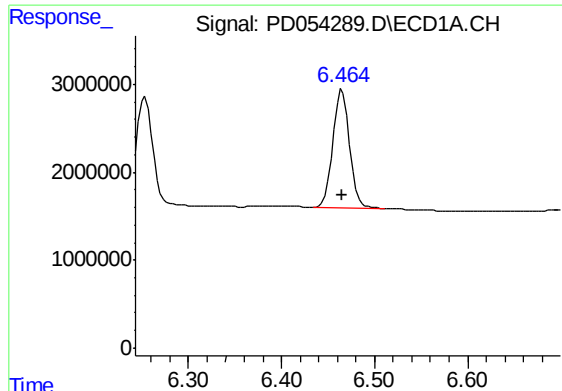
#18 Endrin aldehyde

R.T.: 6.254 min  
Delta R.T.: 0.000 min  
Response: 15323698  
Conc: 25.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 22609297  
Conc: 25.19 ng/ml



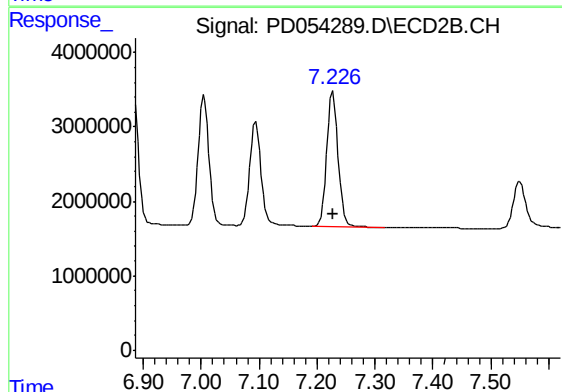
#19 Endosulfan Sulfate

R.T.: 6.465 min  
Delta R.T.: 0.000 min  
Response: 16804516  
Conc: 24.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

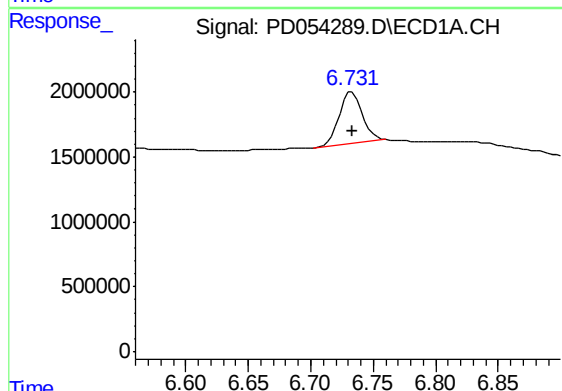
Manual Integrations  
APPROVED

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8/16/2019 2:50:05 PM



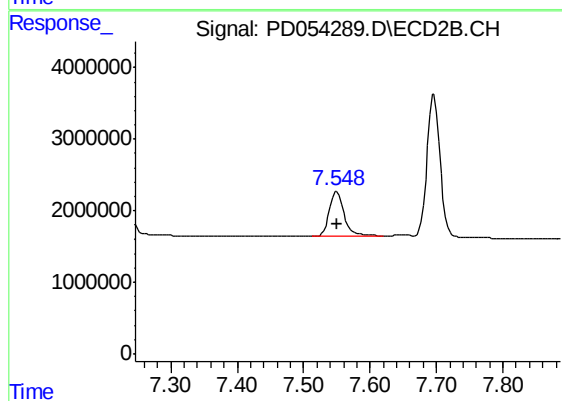
#19 Endosulfan Sulfate

R.T.: 7.228 min  
Delta R.T.: 0.000 min  
Response: 24721327  
Conc: 25.13 ng/ml



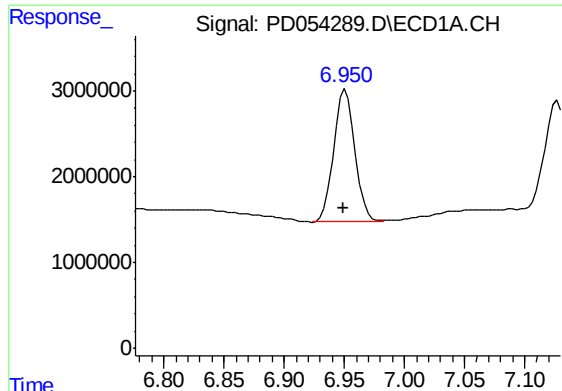
#20 Methoxychlor

R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 5266007  
Conc: 25.14 ng/ml



#20 Methoxychlor

R.T.: 7.550 min  
Delta R.T.: 0.000 min  
Response: 9804265  
Conc: 24.90 ng/ml



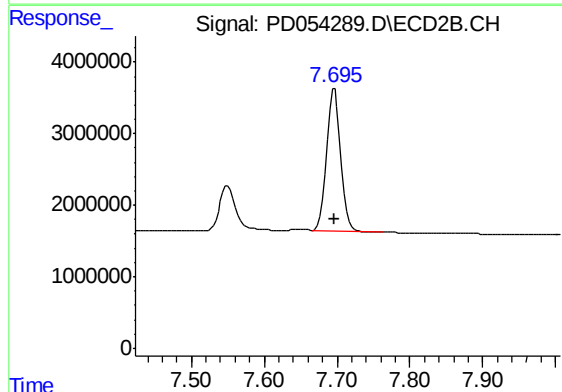
#21 Endrin ketone

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 18962390  
Conc: 24.24 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC025

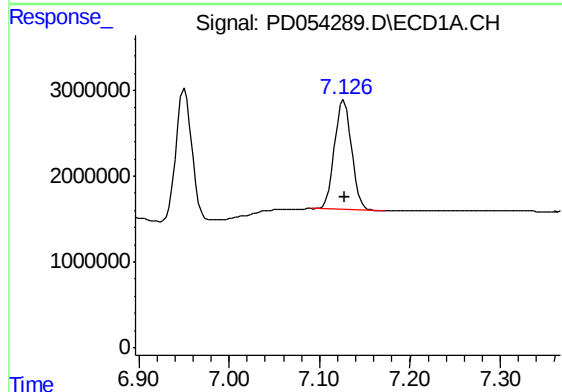
Manual Integrations  
APPROVED

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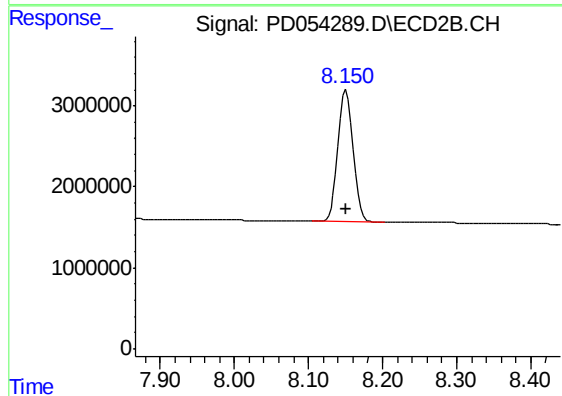
#21 Endrin ketone

R.T.: 7.696 min  
Delta R.T.: 0.000 min  
Response: 27196414  
Conc: 24.86 ng/ml



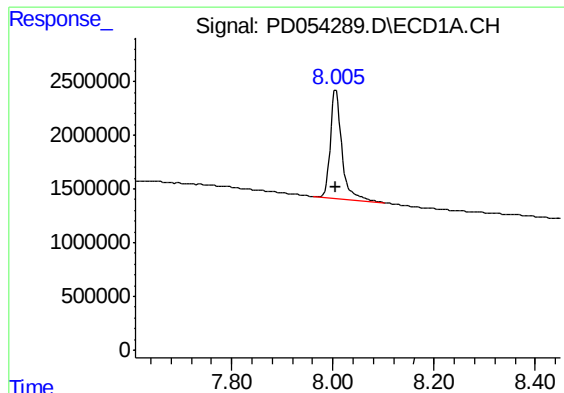
#22 Mirex

R.T.: 7.127 min  
Delta R.T.: 0.000 min  
Response: 16682198  
Conc: 25.61 ng/ml



#22 Mirex

R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 22898907  
Conc: 26.10 ng/ml



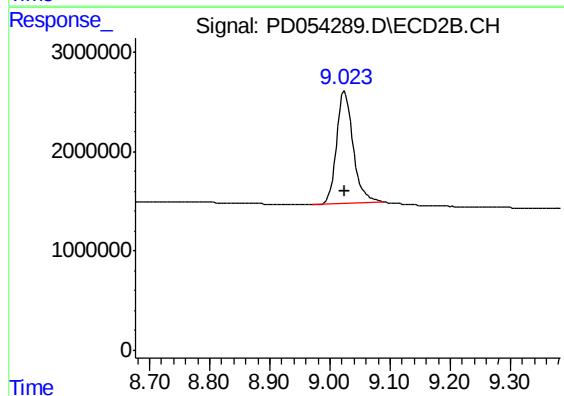
#28 Decachlorobiphenyl

R.T.: 8.006 min  
Delta R.T.: 0.000 min  
Response: 16106428  
Conc: 25.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC025

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.000 min  
Response: 21797921  
Conc: 26.20 ng/ml