

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020923\  
 Data File : PD073884.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Feb 2023 13:25  
 Operator : AR\AJ  
 Sample : PB150728BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB150728BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 08 21:36:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 19 02:45:26 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 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... | 3.555 | 2.776 | 51045127 | 25100996 | 21.838 | 19.717 |
| 28)                         | SA Decachlor... | 9.101 | 7.931 | 56314884 | 23595863 | 19.984 | 20.281 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.011 | 3.279 | 237.2E6  | 98848062 | 59.719 | 58.015 |
| 3)                          | MA gamma-BHC... | 4.344 | 3.610 | 216.0E6  | 90357803 | 58.825 | 60.071 |
| 4)                          | MA Heptachlor   | 4.938 | 3.952 | 220.1E6  | 84320337 | 59.264 | 62.969 |
| 5)                          | MB Aldrin       | 5.281 | 4.234 | 222.8E6  | 92355943 | 61.799 | 57.177 |
| 6)                          | B beta-BHC      | 4.538 | 3.905 | 84412810 | 36934835 | 54.413 | 55.733 |
| 7)                          | B delta-BHC     | 4.788 | 4.137 | 216.7E6  | 91647802 | 64.396 | 59.958 |
| 8)                          | B Heptachlo...  | 5.708 | 4.736 | 192.4E6  | 80959243 | 60.275 | 60.168 |
| 9)                          | A Endosulfan I  | 6.095 | 5.107 | 175.3E6  | 74867318 | 57.090 | 55.682 |
| 10)                         | B gamma-Chl...  | 5.964 | 4.987 | 195.1E6  | 82806938 | 59.252 | 55.951 |
| 11)                         | B alpha-Chl...  | 6.044 | 5.052 | 191.5E6  | 81377283 | 58.054 | 54.712 |
| 12)                         | B 4,4'-DDE      | 6.216 | 5.242 | 178.4E6  | 76743865 | 59.082 | 57.515 |
| 13)                         | MA Dieldrin     | 6.371 | 5.373 | 189.7E6  | 82572660 | 59.498 | 62.993 |
| 14)                         | MA Endrin       | 6.601 | 5.648 | 158.3E6  | 70026645 | 58.390 | 62.972 |
| 15)                         | B Endosulfa...  | 6.819 | 5.941 | 157.5E6  | 69468783 | 59.461 | 59.649 |
| 16)                         | A 4,4'-DDD      | 6.733 | 5.797 | 143.7E6  | 63984360 | 58.272 | 62.098 |
| 17)                         | MA 4,4'-DDT     | 7.049 | 6.048 | 145.4E6  | 61130794 | 52.214 | 59.348 |
| 18)                         | B Endrin al...  | 6.949 | 6.121 | 127.6E6  | 57464638 | 58.829 | 65.153 |
| 19)                         | B Endosulfa...  | 7.184 | 6.344 | 149.2E6  | 64863093 | 55.723 | 57.623 |
| 20)                         | A Methoxychlor  | 7.524 | 6.625 | 77263812 | 31830875 | 49.876 | 60.815 |
| 21)                         | B Endrin ke...  | 7.671 | 6.851 | 166.0E6  | 76339181 | 54.890 | 59.581 |
| 22)                         | Mirex           | 8.148 | 7.036 | 120.7E6  | 56961336 | 52.532 | 54.237 |
| -----                       |                 |       |       |          |          |        |        |

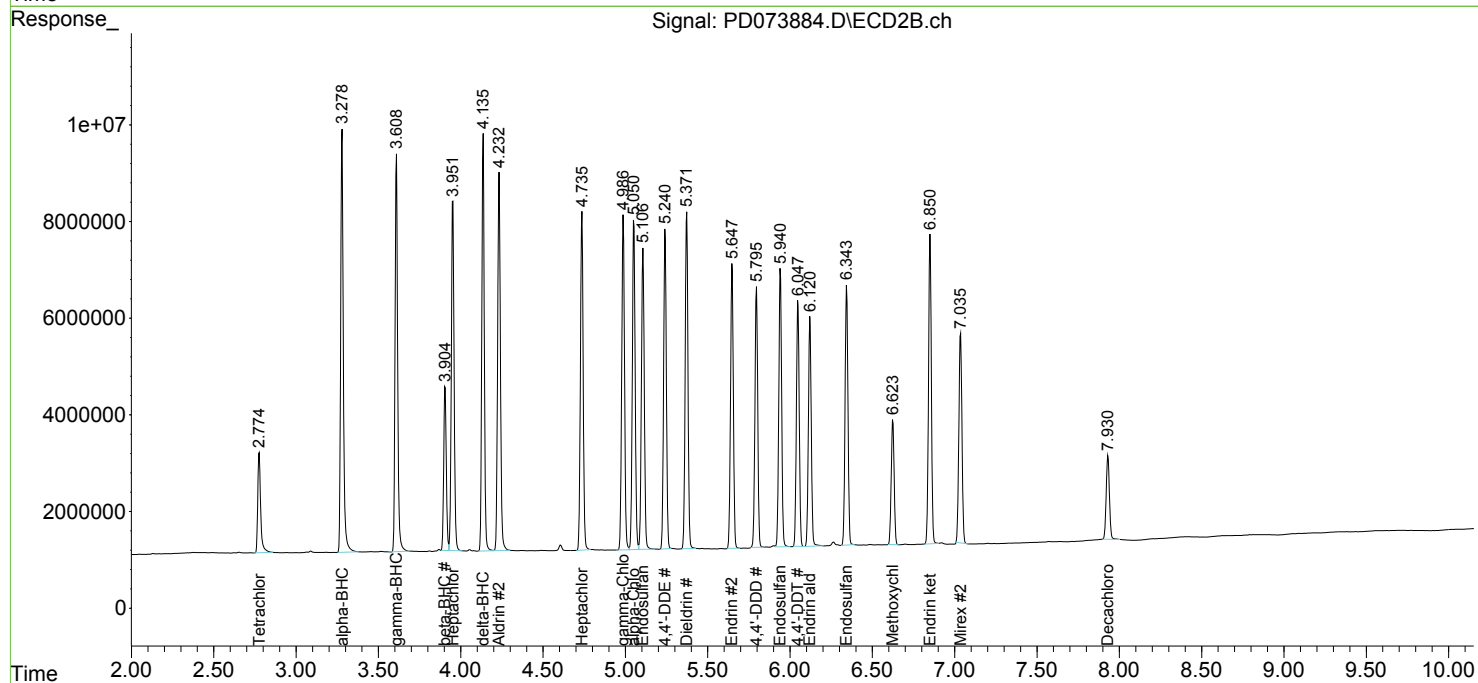
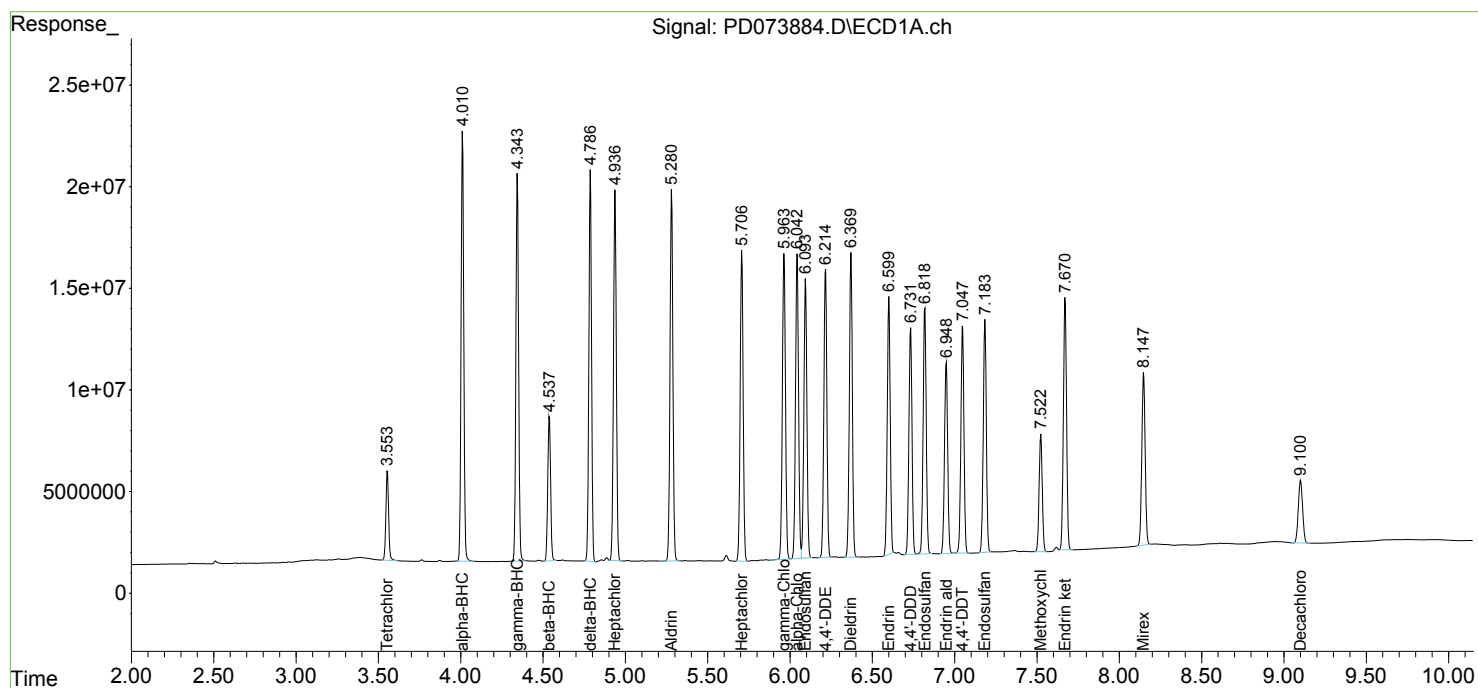
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

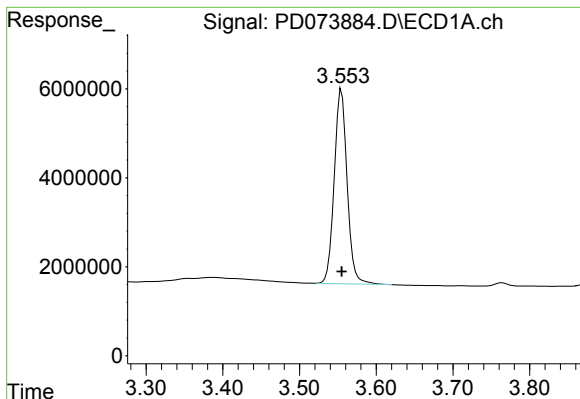
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020923\  
Data File : PD073884.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Feb 2023 13:25  
Operator : AR\AJ  
Sample : PB150728BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 08 21:36:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011823.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 19 02:45:26 2023  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

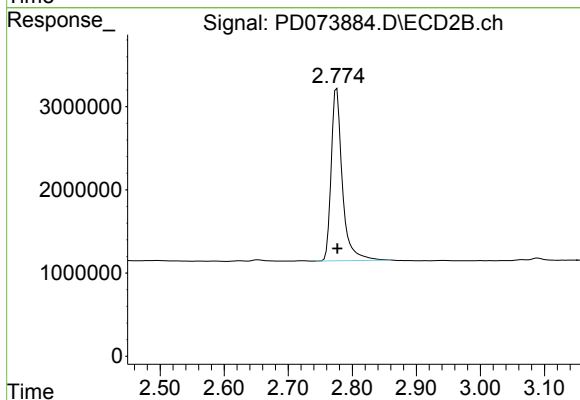




#1 Tetrachloro-m-xylene

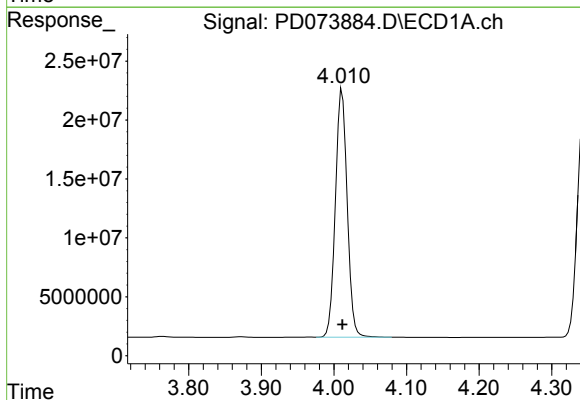
R.T.: 3.555 min  
Delta R.T.: 0.000 min  
Response: 51045127  
Conc: 21.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



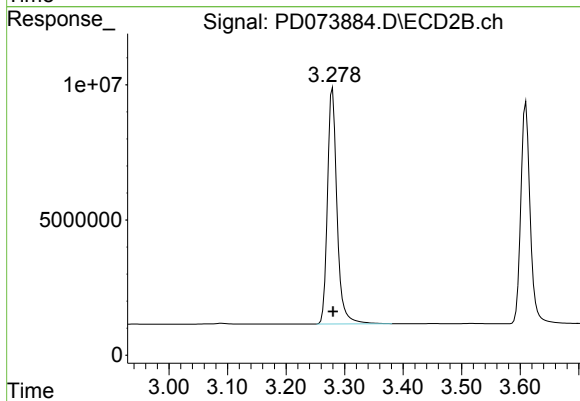
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.001 min  
Response: 25100996  
Conc: 19.72 ng/ml



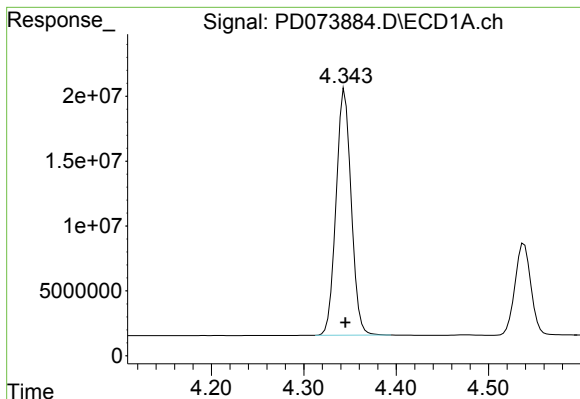
#2 alpha-BHC

R.T.: 4.011 min  
Delta R.T.: 0.000 min  
Response: 237194138  
Conc: 59.72 ng/ml



#2 alpha-BHC

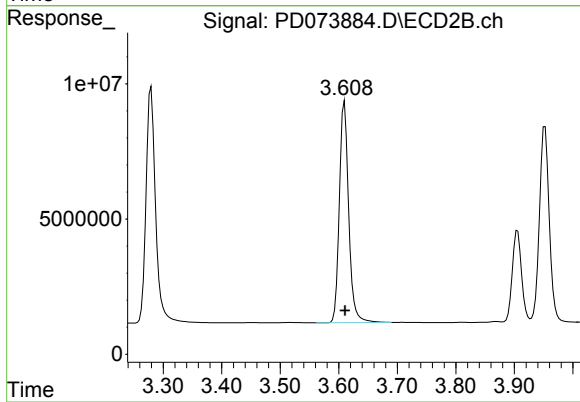
R.T.: 3.279 min  
Delta R.T.: -0.001 min  
Response: 98848062  
Conc: 58.01 ng/ml



#3 gamma-BHC (Lindane)

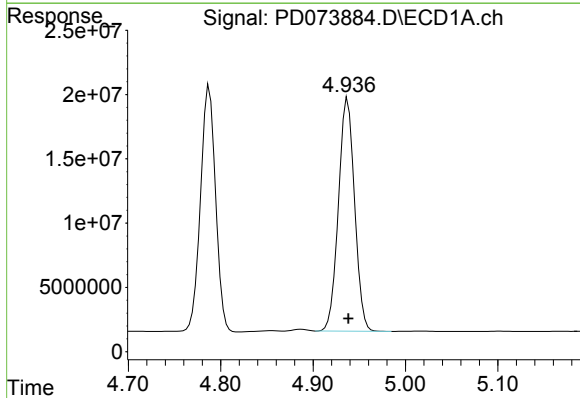
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 215981500  
Conc: 58.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



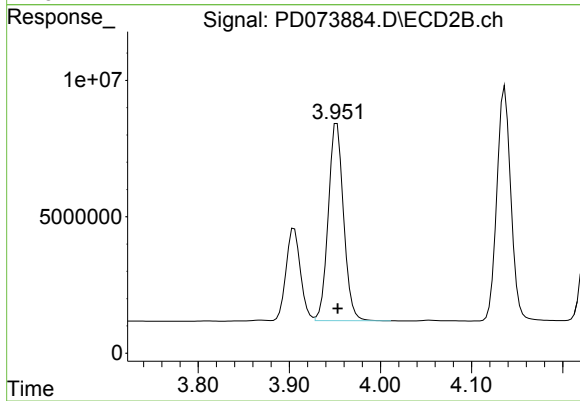
#3 gamma-BHC (Lindane)

R.T.: 3.610 min  
Delta R.T.: -0.001 min  
Response: 90357803  
Conc: 60.07 ng/ml



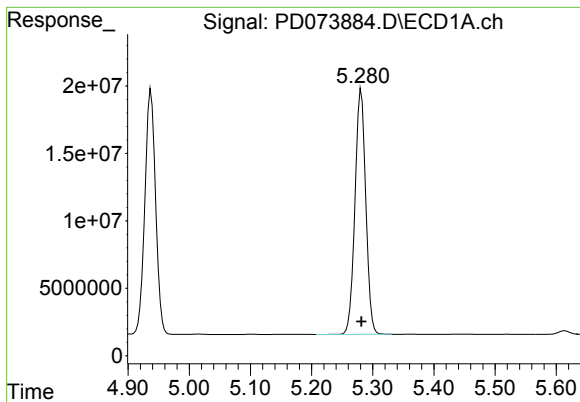
#4 Heptachlor

R.T.: 4.938 min  
Delta R.T.: 0.000 min  
Response: 220070213  
Conc: 59.26 ng/ml



#4 Heptachlor

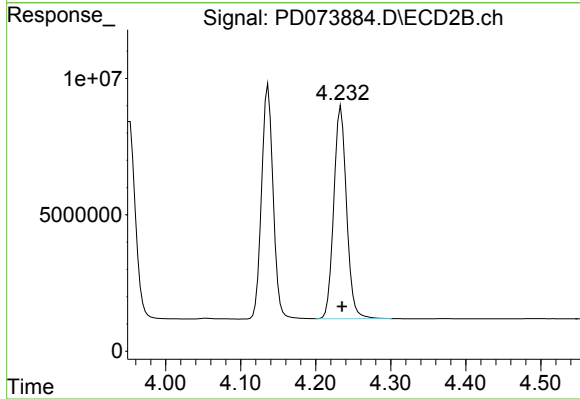
R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 84320337  
Conc: 62.97 ng/ml



#5 Aldrin

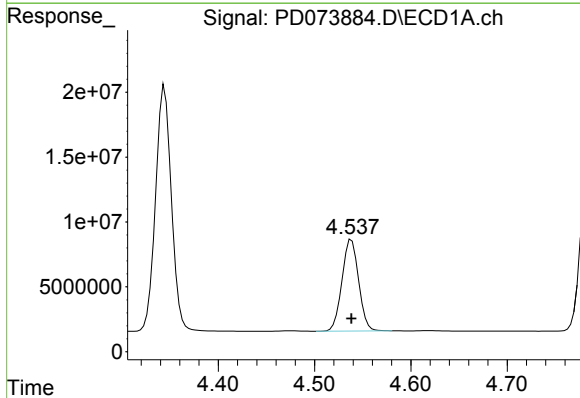
R.T.: 5.281 min  
Delta R.T.: 0.000 min  
Response: 222770263  
Conc: 61.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



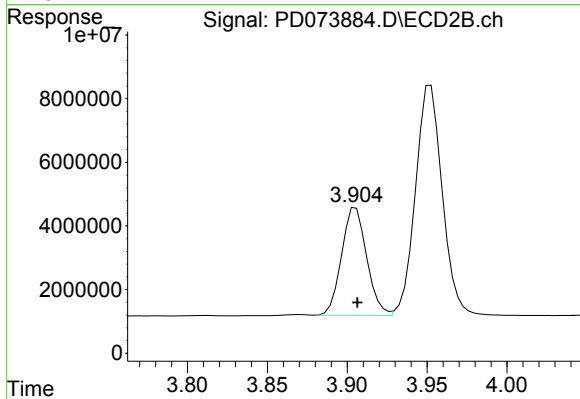
#5 Aldrin

R.T.: 4.234 min  
Delta R.T.: -0.001 min  
Response: 92355943  
Conc: 57.18 ng/ml



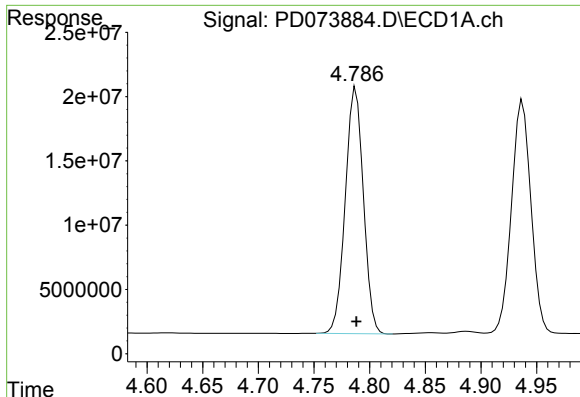
#6 beta-BHC

R.T.: 4.538 min  
Delta R.T.: 0.000 min  
Response: 84412810  
Conc: 54.41 ng/ml



#6 beta-BHC

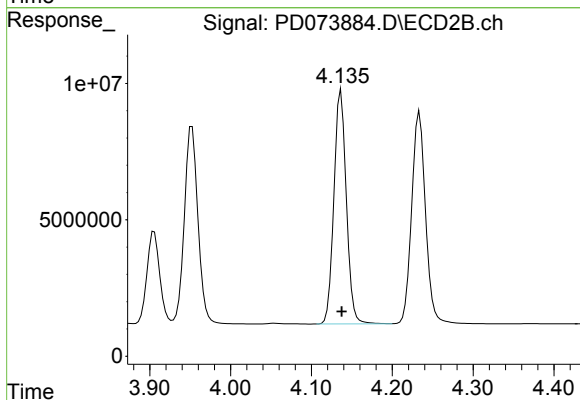
R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 36934835  
Conc: 55.73 ng/ml



#7 delta-BHC

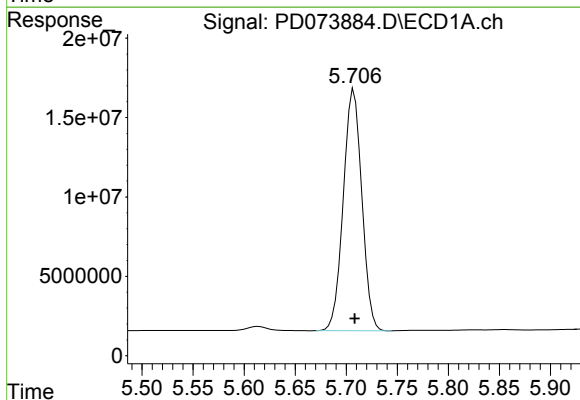
R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 216698512  
Conc: 64.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



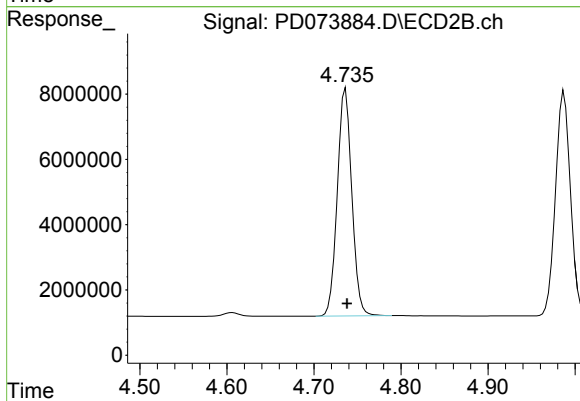
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 91647802  
Conc: 59.96 ng/ml



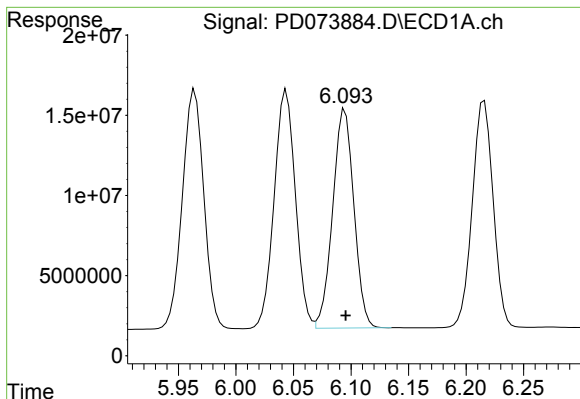
#8 Heptachlor epoxide

R.T.: 5.708 min  
Delta R.T.: 0.000 min  
Response: 192359405  
Conc: 60.28 ng/ml



#8 Heptachlor epoxide

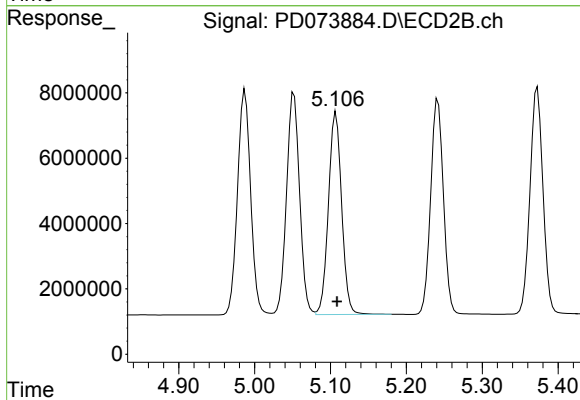
R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 80959243  
Conc: 60.17 ng/ml



#9 Endosulfan I

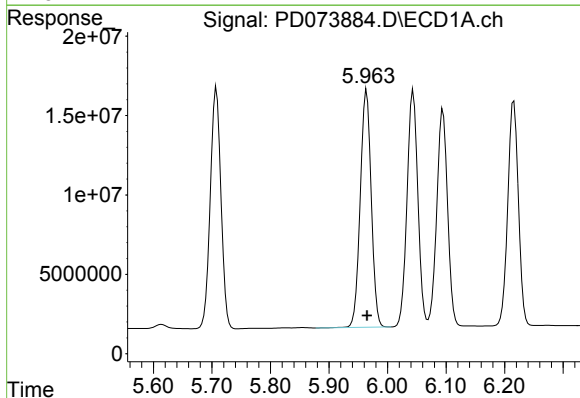
R.T.: 6.095 min  
Delta R.T.: 0.000 min  
Response: 175302534  
Conc: 57.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



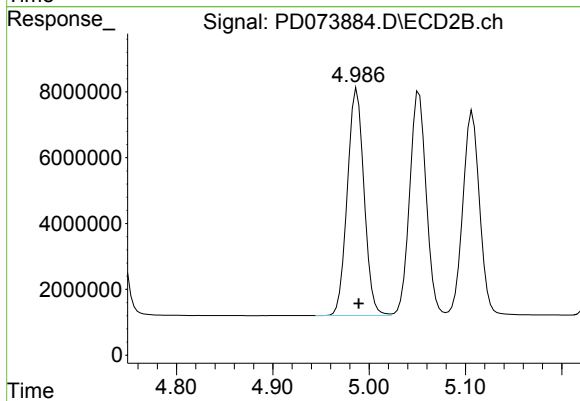
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.001 min  
Response: 74867318  
Conc: 55.68 ng/ml



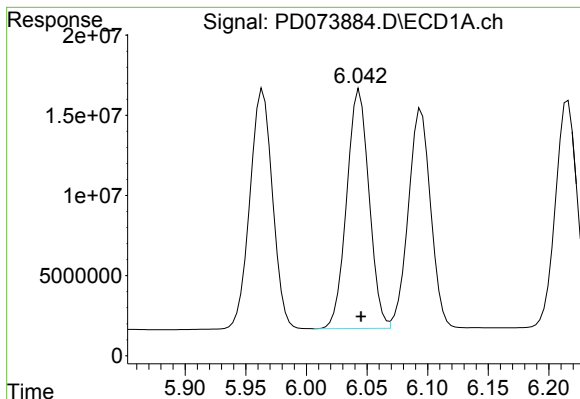
#10 gamma-Chlordane

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 195081557  
Conc: 59.25 ng/ml



#10 gamma-Chlordane

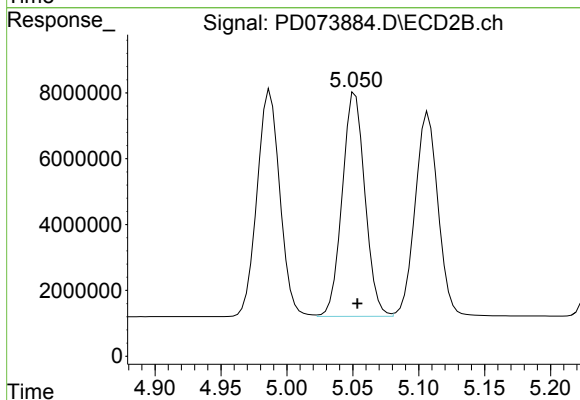
R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 82806938  
Conc: 55.95 ng/ml



#11 alpha-Chlordane

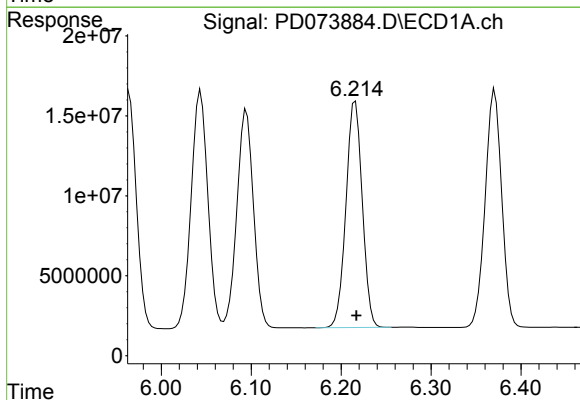
R.T.: 6.044 min  
Delta R.T.: -0.001 min  
Response: 191510805  
Conc: 58.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



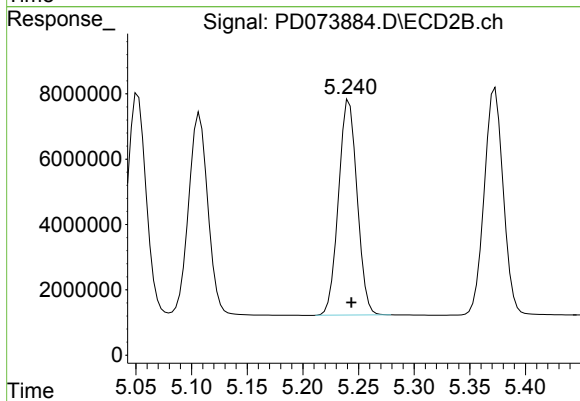
#11 alpha-Chlordane

R.T.: 5.052 min  
Delta R.T.: -0.002 min  
Response: 81377283  
Conc: 54.71 ng/ml



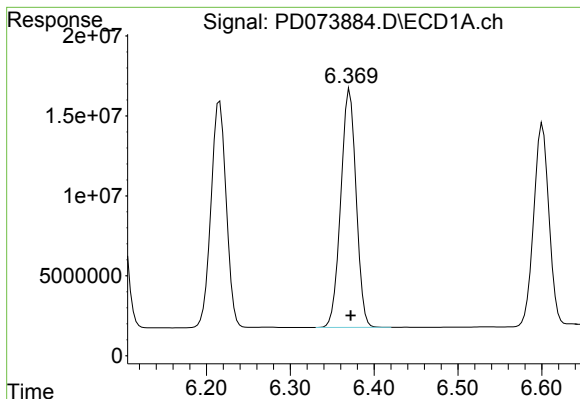
#12 4,4'-DDE

R.T.: 6.216 min  
Delta R.T.: -0.001 min  
Response: 178447272  
Conc: 59.08 ng/ml



#12 4,4'-DDE

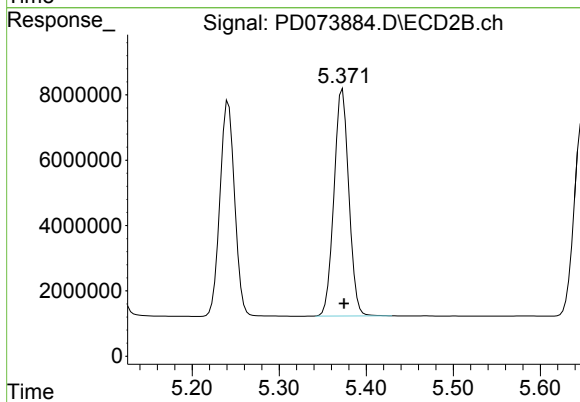
R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 76743865  
Conc: 57.51 ng/ml



#13 Dieldrin

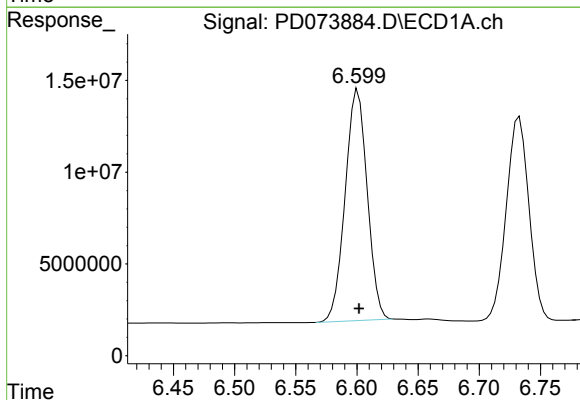
R.T.: 6.371 min  
Delta R.T.: -0.001 min  
Response: 189707940  
Conc: 59.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



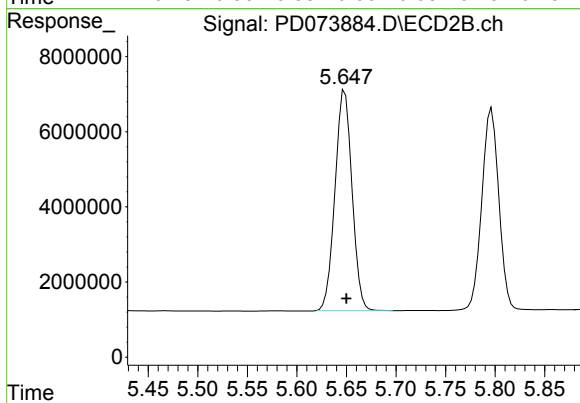
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: -0.002 min  
Response: 82572660  
Conc: 62.99 ng/ml



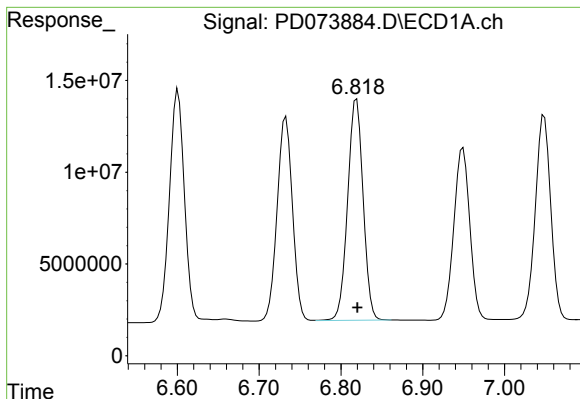
#14 Endrin

R.T.: 6.601 min  
Delta R.T.: -0.001 min  
Response: 158296216  
Conc: 58.39 ng/ml



#14 Endrin

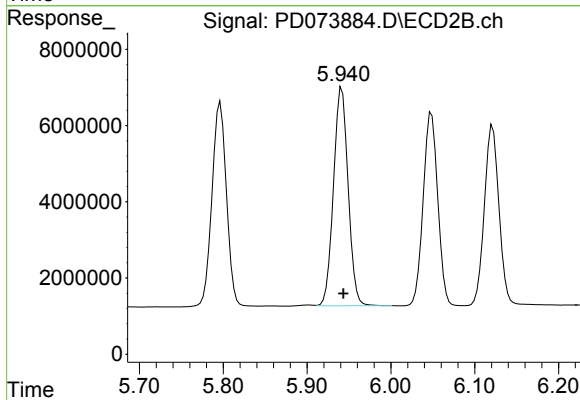
R.T.: 5.648 min  
Delta R.T.: -0.002 min  
Response: 70026645  
Conc: 62.97 ng/ml



#15 Endosulfan II

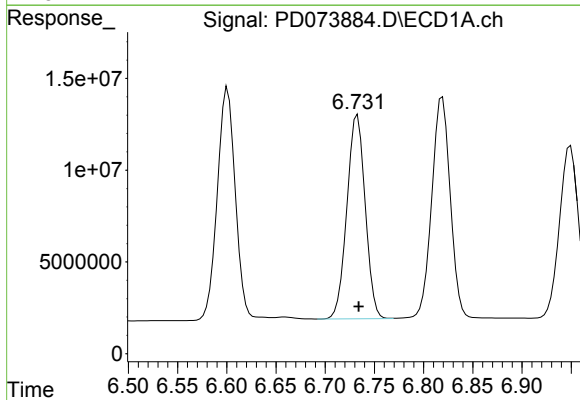
R.T.: 6.819 min  
Delta R.T.: -0.001 min  
Response: 157460837  
Conc: 59.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



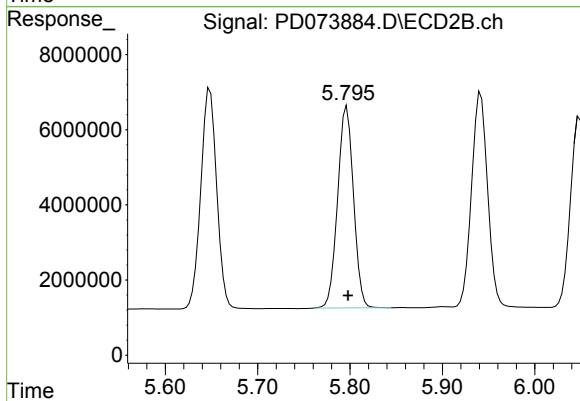
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 69468783  
Conc: 59.65 ng/ml



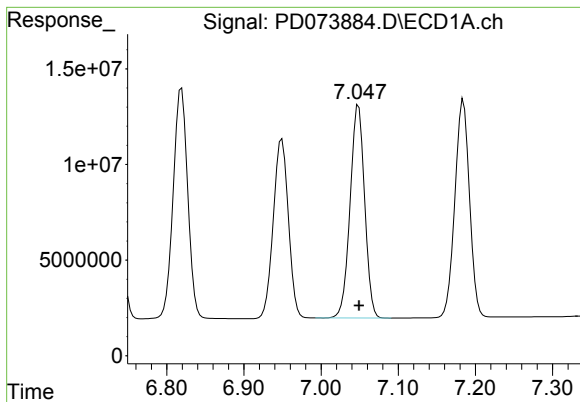
#16 4,4'-DDD

R.T.: 6.733 min  
Delta R.T.: -0.001 min  
Response: 143716435  
Conc: 58.27 ng/ml



#16 4,4'-DDD

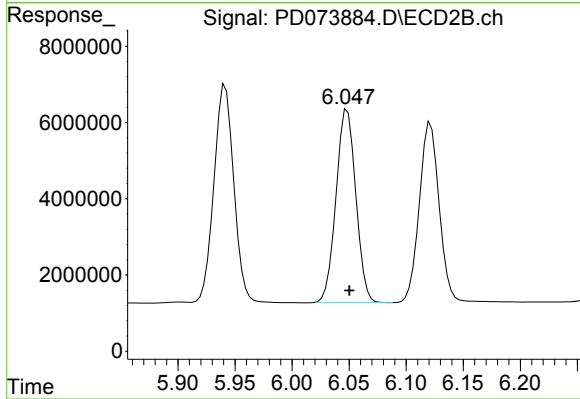
R.T.: 5.797 min  
Delta R.T.: -0.001 min  
Response: 63984360  
Conc: 62.10 ng/ml



#17 4,4'-DDT

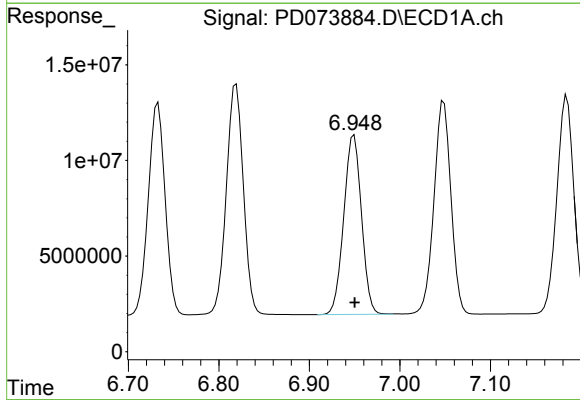
R.T.: 7.049 min  
Delta R.T.: 0.000 min  
Response: 145368543  
Conc: 52.21 ng/ml

Instrument :  
ECD\_D  
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PB150728BS



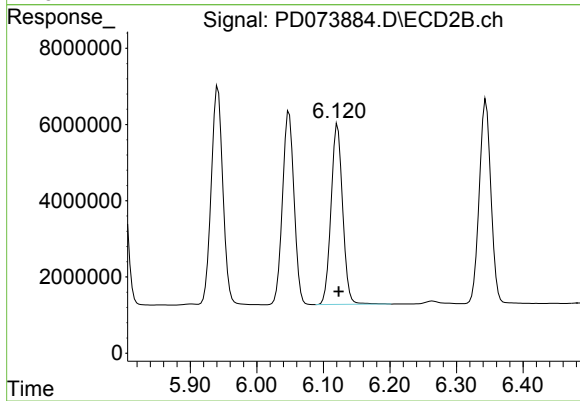
#17 4,4'-DDT

R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 61130794  
Conc: 59.35 ng/ml



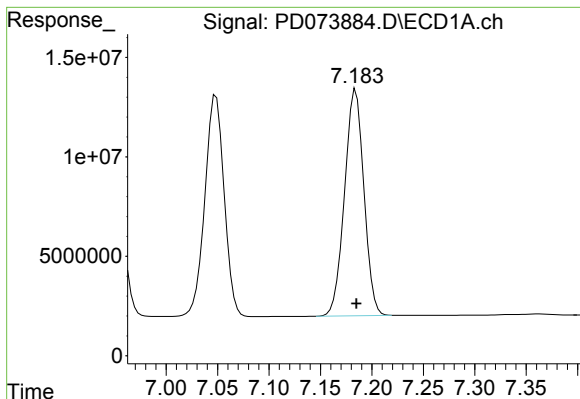
#18 Endrin aldehyde

R.T.: 6.949 min  
Delta R.T.: 0.000 min  
Response: 127617544  
Conc: 58.83 ng/ml



#18 Endrin aldehyde

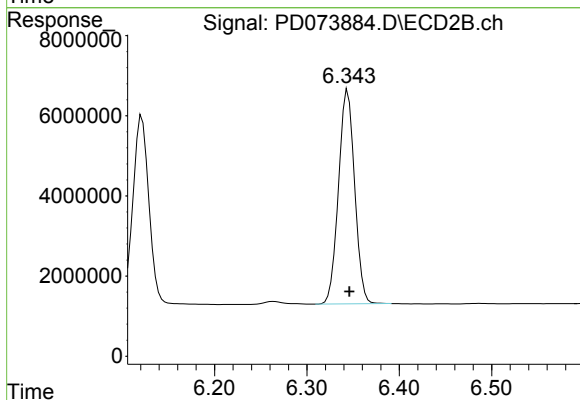
R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 57464638  
Conc: 65.15 ng/ml



#19 Endosulfan Sulfate

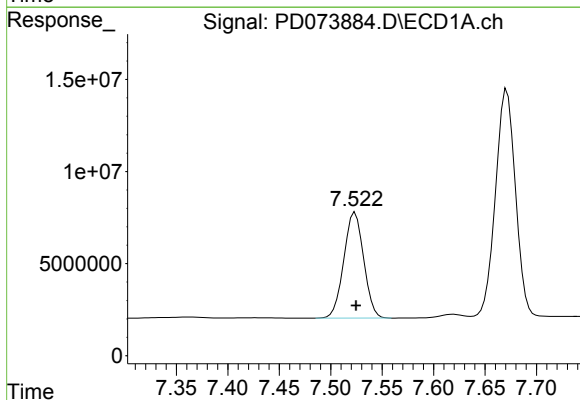
R.T.: 7.184 min  
Delta R.T.: 0.000 min  
Response: 149200851  
Conc: 55.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



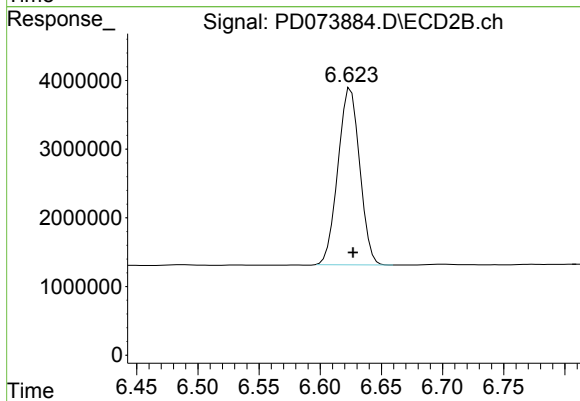
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: -0.002 min  
Response: 64863093  
Conc: 57.62 ng/ml



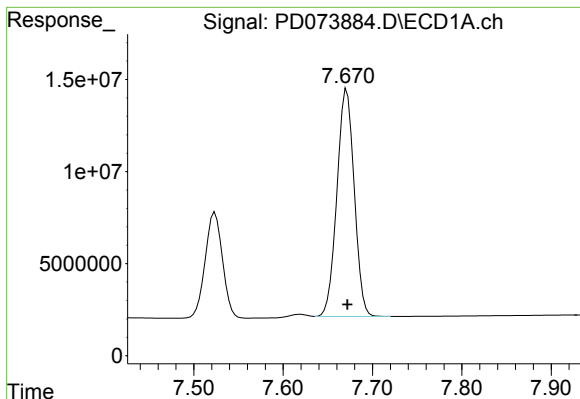
#20 Methoxychlor

R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 77263812  
Conc: 49.88 ng/ml



#20 Methoxychlor

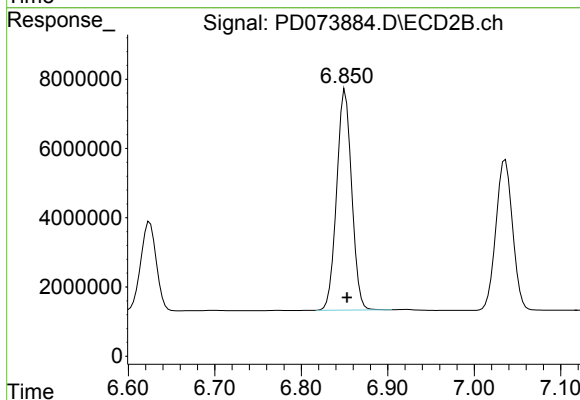
R.T.: 6.625 min  
Delta R.T.: -0.002 min  
Response: 31830875  
Conc: 60.82 ng/ml



#21 Endrin ketone

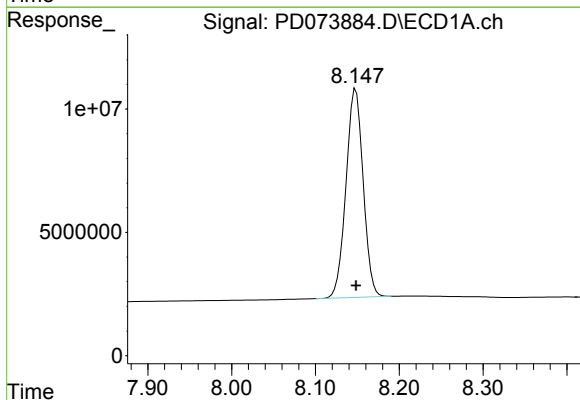
R.T.: 7.671 min  
Delta R.T.: 0.000 min  
Response: 165983433  
Conc: 54.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



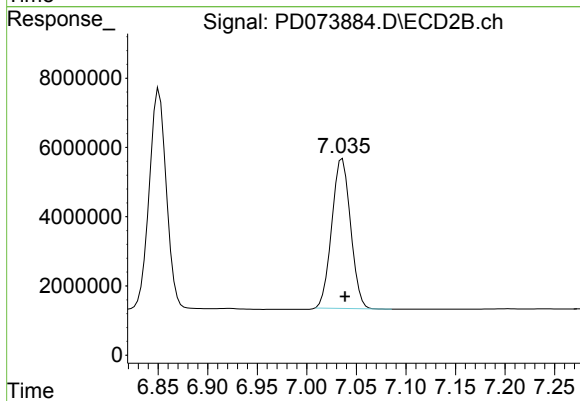
#21 Endrin ketone

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 76339181  
Conc: 59.58 ng/ml



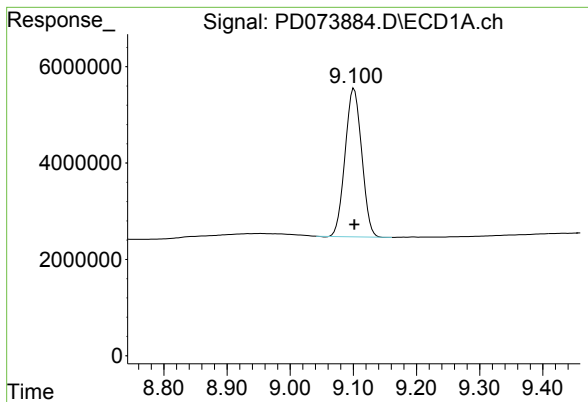
#22 Mirex

R.T.: 8.148 min  
Delta R.T.: 0.000 min  
Response: 120709062  
Conc: 52.53 ng/ml



#22 Mirex

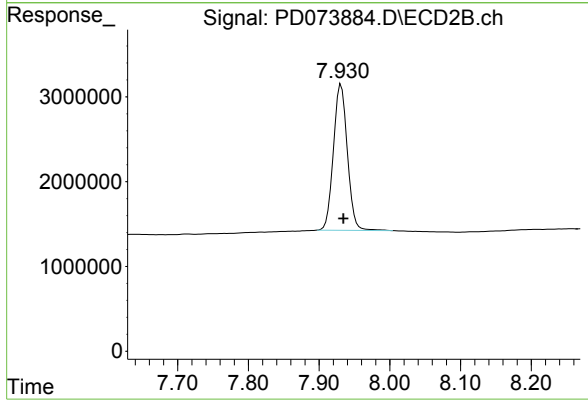
R.T.: 7.036 min  
Delta R.T.: -0.003 min  
Response: 56961336  
Conc: 54.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min  
Delta R.T.: 0.000 min  
Response: 56314884  
Conc: 19.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB150728BS



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: -0.003 min  
Response: 23595863  
Conc: 20.28 ng/ml