

Data Path : P:\HPCHEM1\ECD\_D\Data\PD040718\  
 Data File : PD046832.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Apr 2018 4:50  
 Operator : UA/AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICVPD040718

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 05:04:04 2018  
 Quant Method : P:\HPCHEM1\ECD\_D\Method\PD040718.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 07 04:44:10 2018  
 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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.431 | 4.042 | 60464255 | 1001.8E6 | 47.913 | 46.884 |
| 28)                         | SA Decachlor... | 8.156 | 9.121 | 64258990 | 831.5E6  | 47.765 | 46.216 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.868 | 4.428 | 101.0E6  | 1564.7E6 | 49.137 | 46.987 |
| 3)                          | MA gamma-BHC... | 4.149 | 4.712 | 90418702 | 1394.4E6 | 48.706 | 47.536 |
| 4)                          | MA Heptachlor   | 4.442 | 5.232 | 87332658 | 1374.7E6 | 48.360 | 46.811 |
| 5)                          | MB Aldrin       | 4.686 | 5.539 | 86213909 | 1305.7E6 | 48.384 | 46.910 |
| 6)                          | B beta-BHC      | 4.396 | 4.871 | 37894099 | 626.5E6  | 47.348 | 46.761 |
| 7)                          | B delta-BHC     | 4.598 | 5.091 | 92996746 | 1426.9E6 | 48.426 | 46.638 |
| 8)                          | B Heptachlo...  | 5.128 | 5.921 | 79829603 | 1187.1E6 | 48.122 | 46.208 |
| 9)                          | A Endosulfan I  | 5.463 | 6.277 | 73395272 | 1064.6E6 | 48.216 | 46.608 |
| 10)                         | B gamma-Chl...  | 5.352 | 6.154 | 80418479 | 1203.7E6 | 48.332 | 46.614 |
| 11)                         | B alpha-Chl...  | 5.410 | 6.229 | 78124789 | 1155.1E6 | 48.237 | 46.529 |
| 12)                         | B 4,4'-DDE      | 5.576 | 6.380 | 80522109 | 1150.8E6 | 48.250 | 46.784 |
| 13)                         | MA Dieldrin     | 5.705 | 6.533 | 84338028 | 1155.1E6 | 48.511 | 46.693 |
| 14)                         | MA Endrin       | 5.962 | 6.749 | 72480155 | 893.7E6  | 48.046 | 46.815 |
| 15)                         | B Endosulfa...  | 6.235 | 6.950 | 73247281 | 975.0E6  | 47.839 | 46.000 |
| 16)                         | A 4,4'-DDD      | 6.090 | 6.864 | 66983354 | 924.2E6  | 48.436 | 46.283 |
| 17)                         | MA 4,4'-DDT     | 6.329 | 7.165 | 67267404 | 880.0E6  | 49.292 | 47.669 |
| 18)                         | B Endrin al...  | 6.404 | 7.073 | 58870046 | 822.8E6  | 47.918 | 46.330 |
| 19)                         | B Endosulfa...  | 6.615 | 7.296 | 65357995 | 938.5E6  | 48.141 | 46.514 |
| 20)                         | A Methoxychlor  | 6.879 | 7.617 | 35877654 | 448.9E6  | 48.745 | 46.399 |
| 21)                         | B Endrin ke...  | 7.106 | 7.765 | 81381962 | 907.4E6  | 48.157 | 46.938 |
| -----                       |                 |       |       |          |          |        |        |

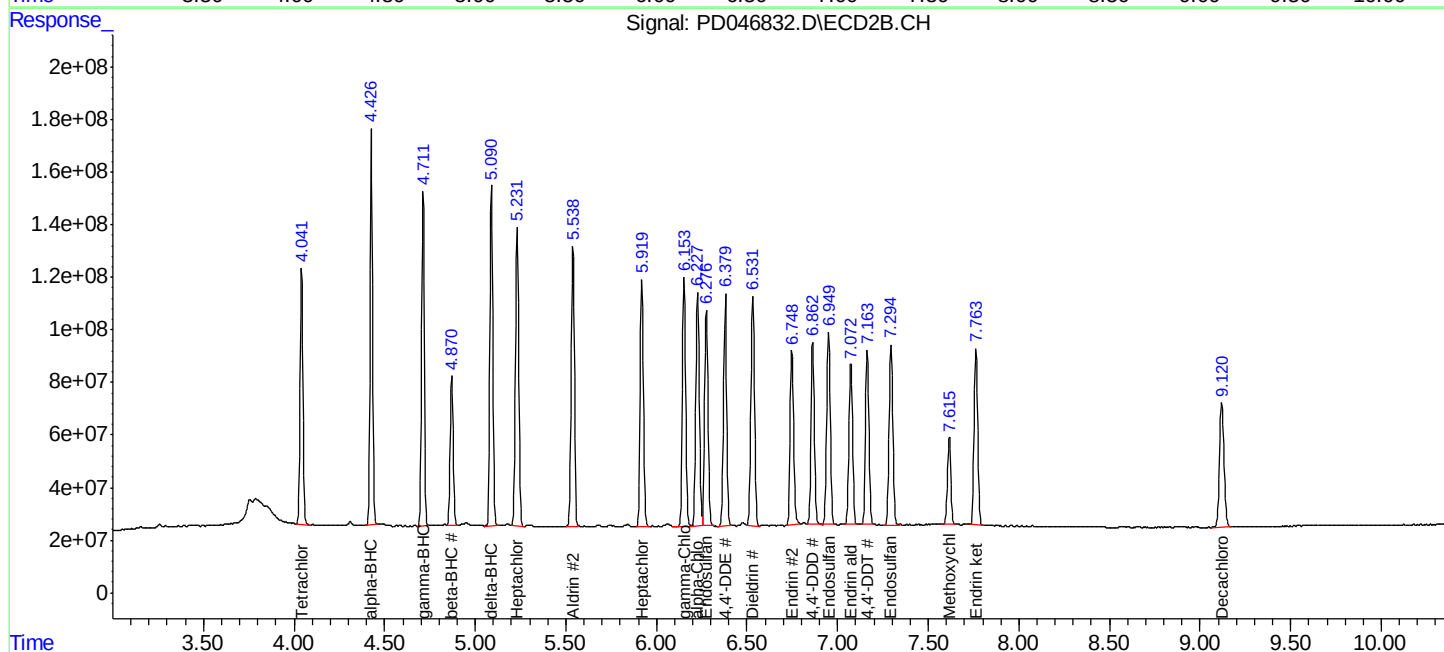
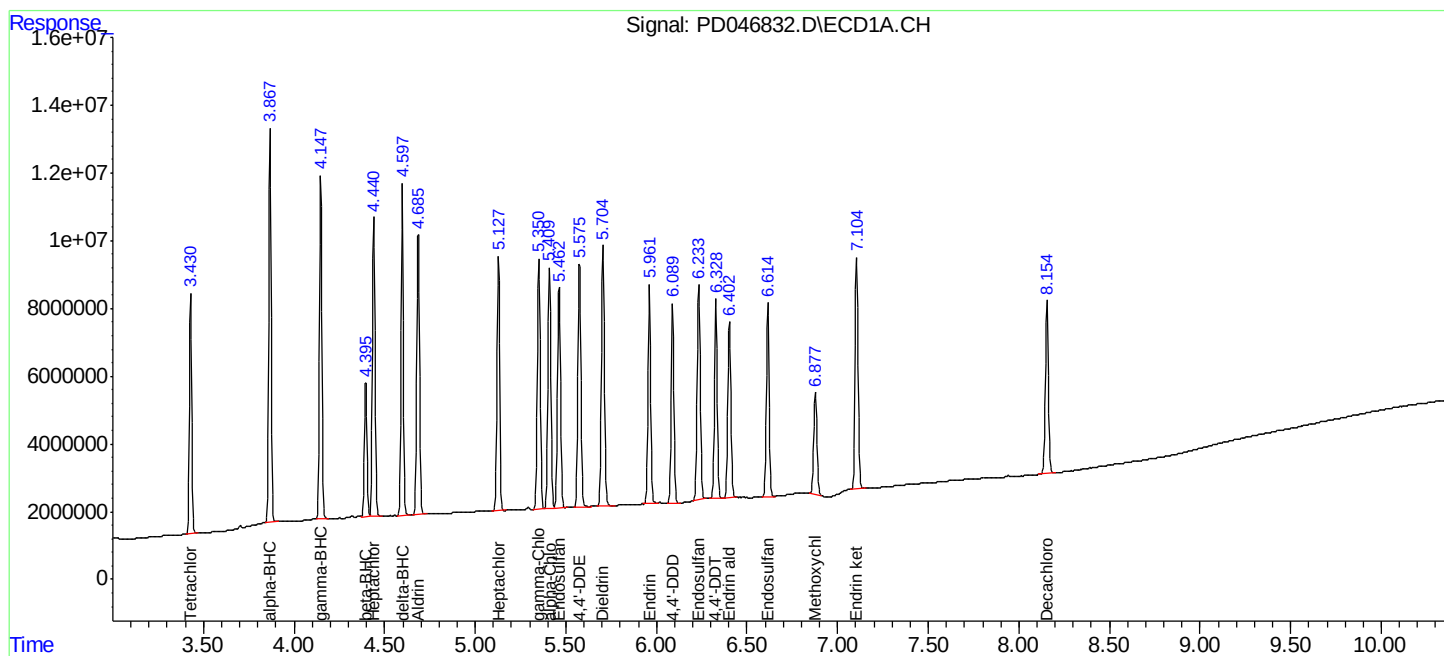
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

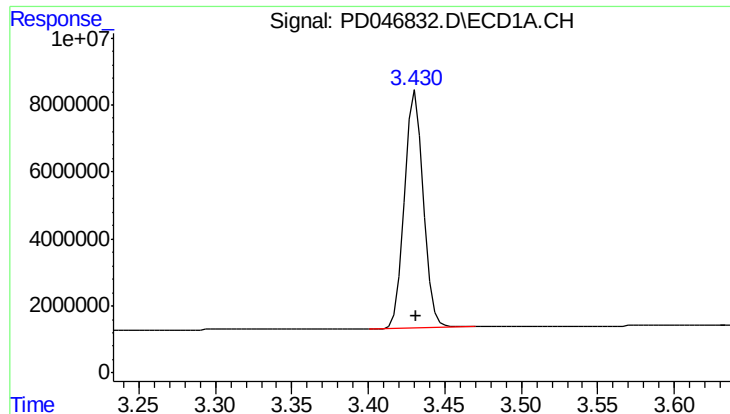
Data Path : P:\HPCHEM1\ECD\_D\Data\PD040718\  
Data File : PD046832.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Apr 2018 4:50  
Operator : UA/AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD040718

Integration File signal 1: autoint1.e  
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Quant Time: Apr 07 05:04:04 2018  
Quant Method : P:\HPCHEM1\ECD\_D\Method\PD040718.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 07 04:44:10 2018  
Response via : Initial Calibration  
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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

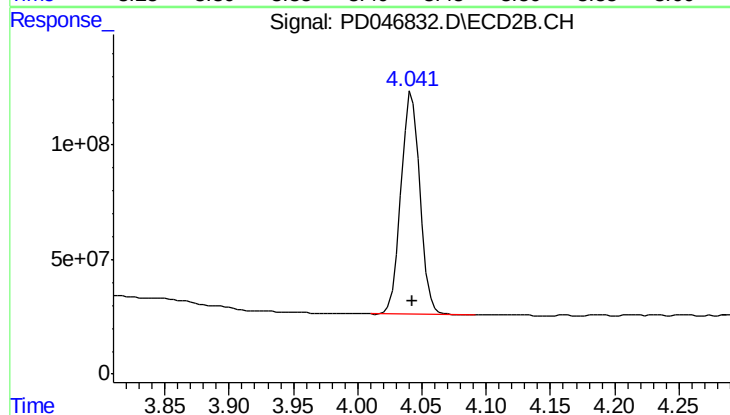




#1 Tetrachloro-m-xylene

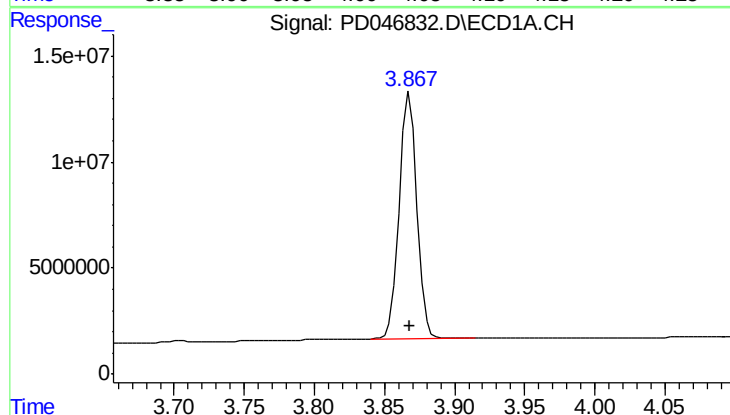
R.T.: 3.431 min  
Delta R.T.: 0.000 min  
Response: 60464255  
Conc: 47.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD040718



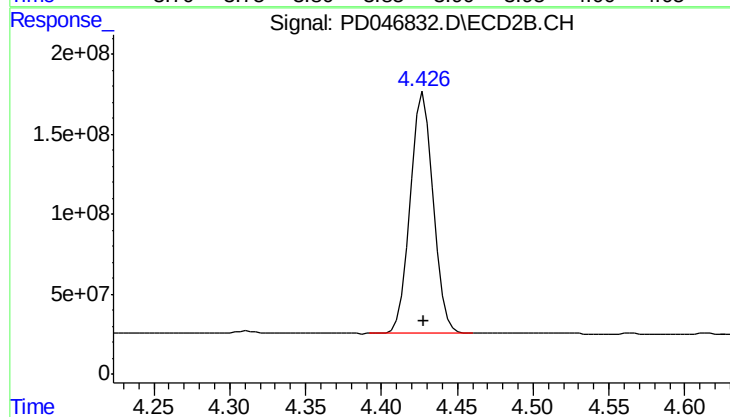
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: 0.000 min  
Response: 1001770609  
Conc: 46.88 ng/ml



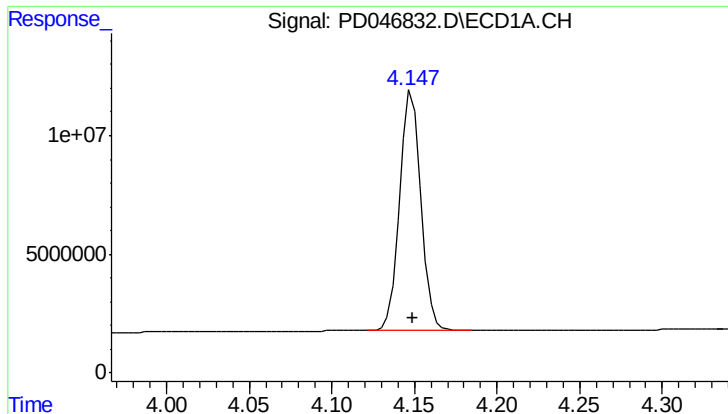
#2 alpha-BHC

R.T.: 3.868 min  
Delta R.T.: 0.000 min  
Response: 100986090  
Conc: 49.14 ng/ml



#2 alpha-BHC

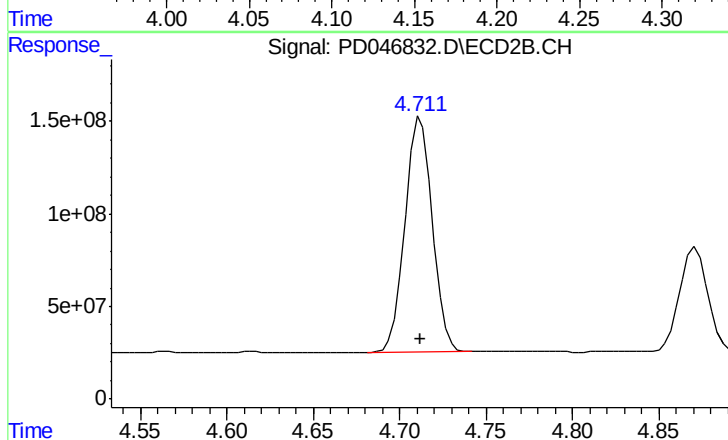
R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 1564677707  
Conc: 46.99 ng/ml



#3 gamma-BHC (Lindane)

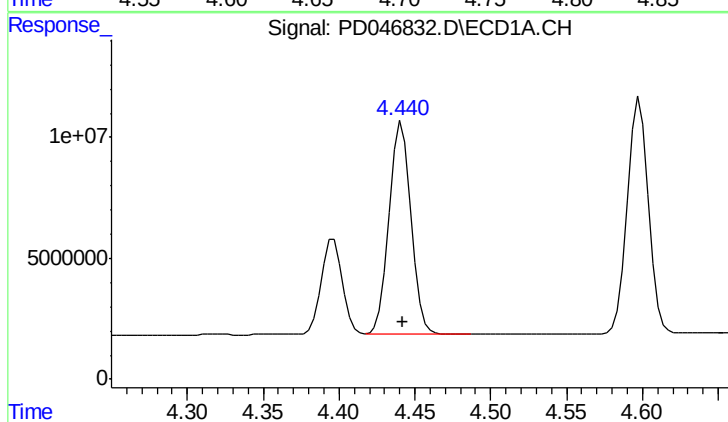
R.T.: 4.149 min  
Delta R.T.: 0.000 min  
Response: 90418702  
Conc: 48.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD040718



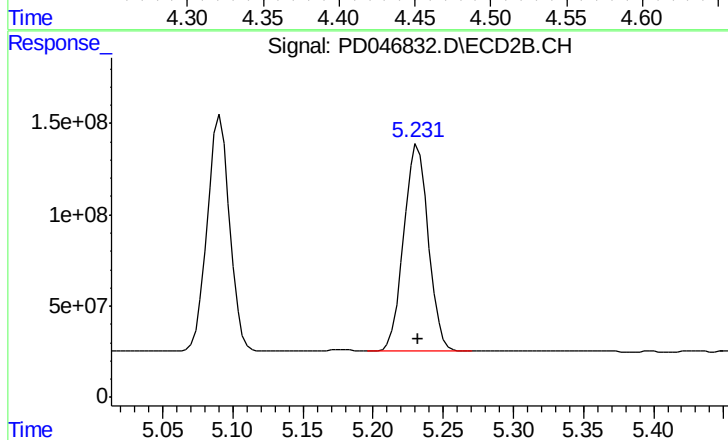
#3 gamma-BHC (Lindane)

R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 1394407024  
Conc: 47.54 ng/ml



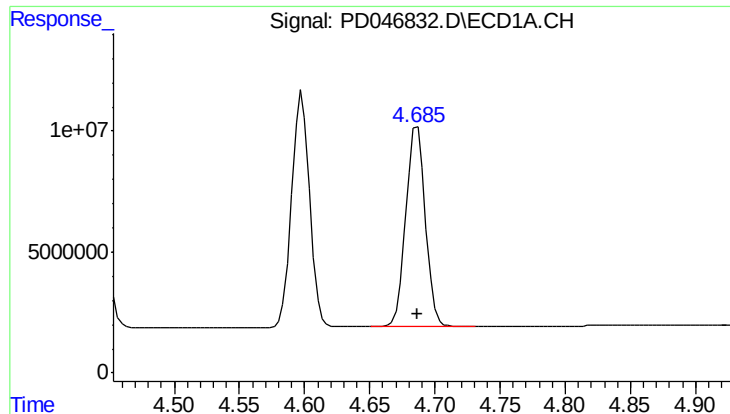
#4 Heptachlor

R.T.: 4.442 min  
Delta R.T.: 0.000 min  
Response: 87332658  
Conc: 48.36 ng/ml



#4 Heptachlor

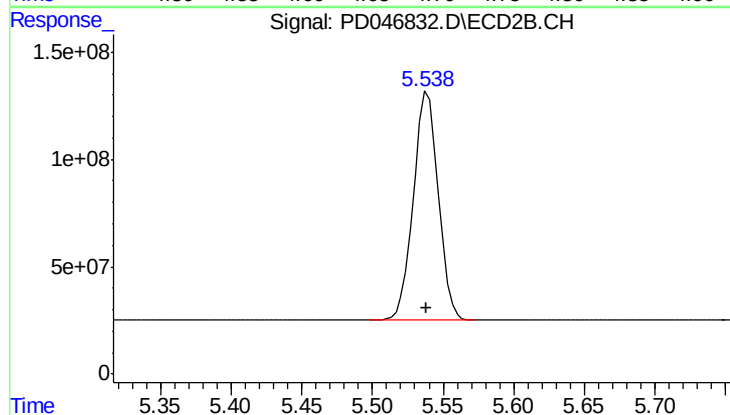
R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 1374666902  
Conc: 46.81 ng/ml



#5 Aldrin

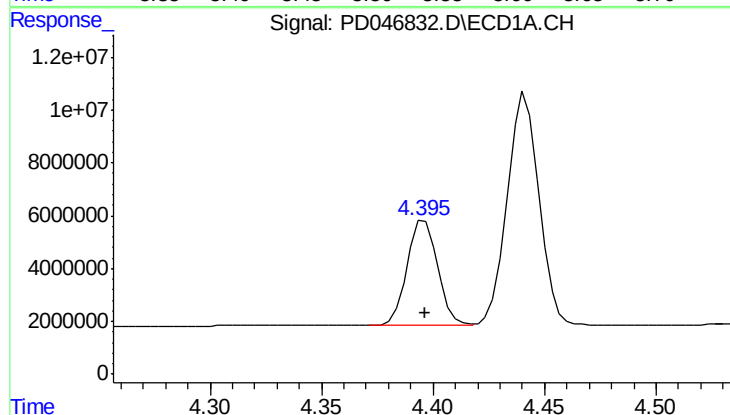
R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 86213909  
Conc: 48.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD040718



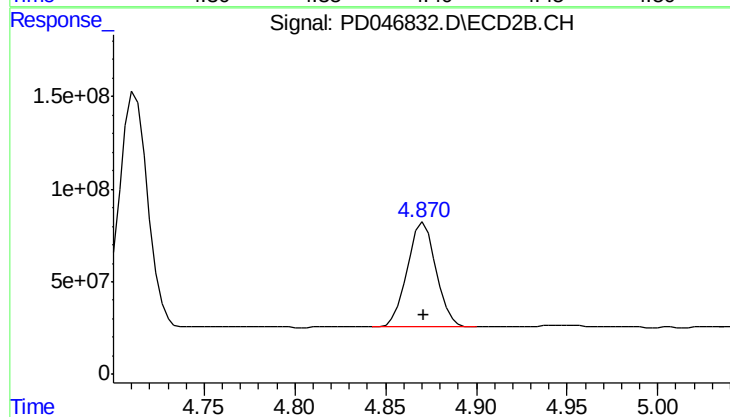
#5 Aldrin

R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 1305727943  
Conc: 46.91 ng/ml



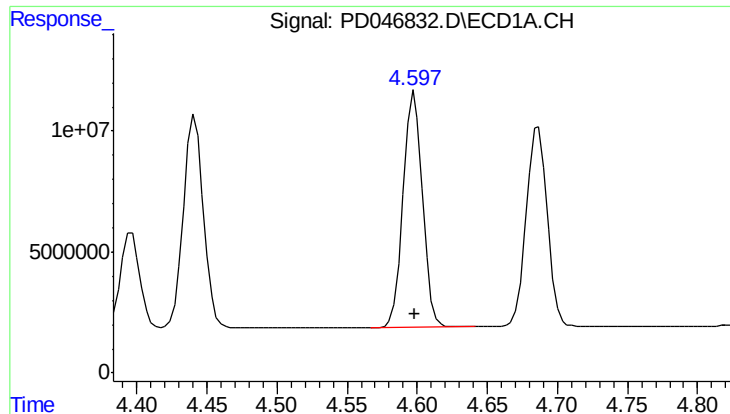
#6 beta-BHC

R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 37894099  
Conc: 47.35 ng/ml



#6 beta-BHC

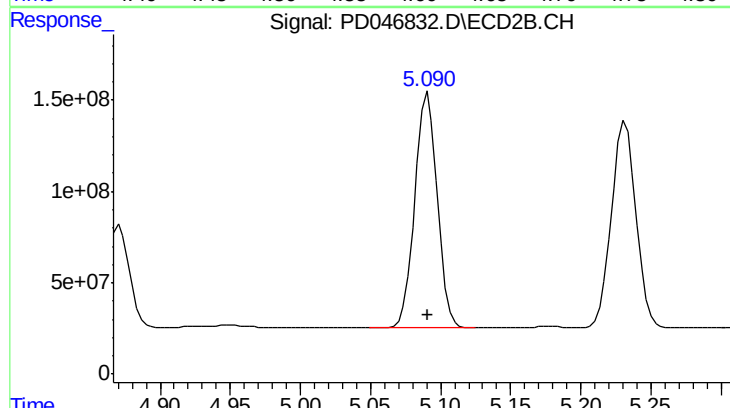
R.T.: 4.871 min  
Delta R.T.: 0.000 min  
Response: 626479187  
Conc: 46.76 ng/ml



#7 delta-BHC

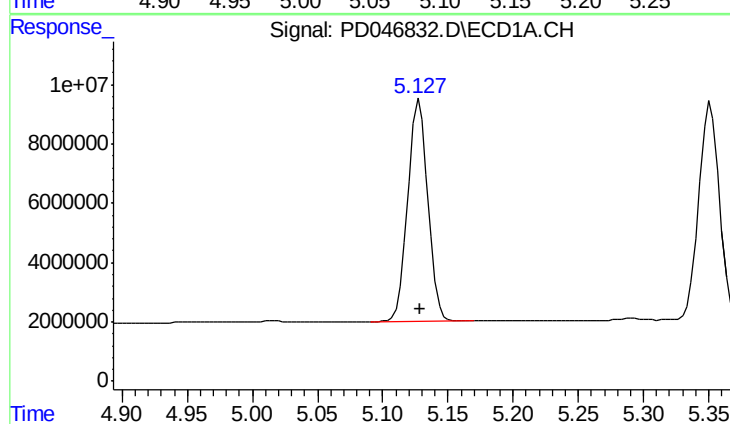
R.T.: 4.598 min  
Delta R.T.: 0.000 min  
Response: 92996746  
Conc: 48.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD040718



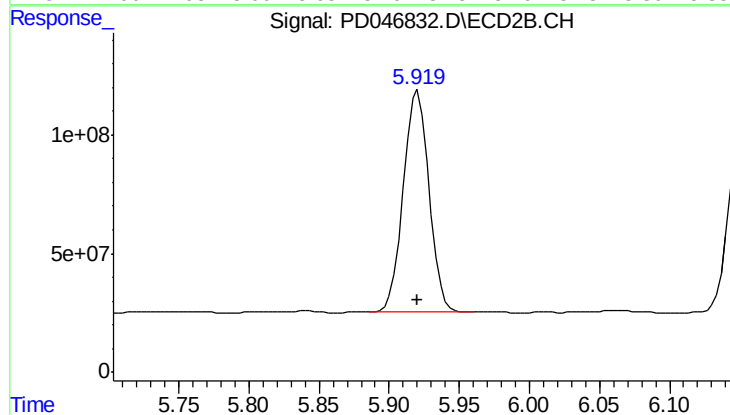
#7 delta-BHC

R.T.: 5.091 min  
Delta R.T.: 0.000 min  
Response: 1426856289  
Conc: 46.64 ng/ml



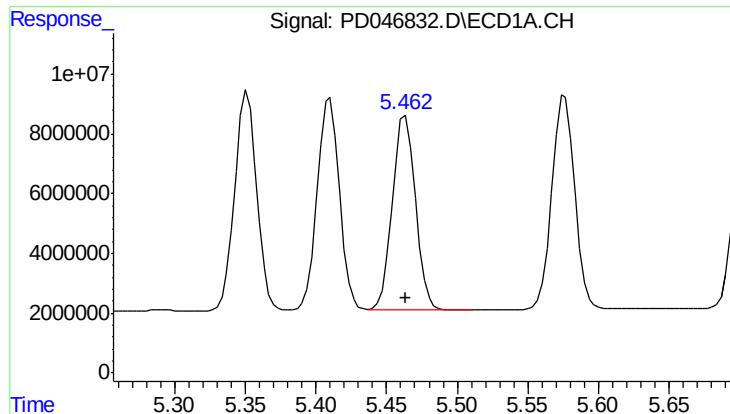
#8 Heptachlor epoxide

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 79829603  
Conc: 48.12 ng/ml



#8 Heptachlor epoxide

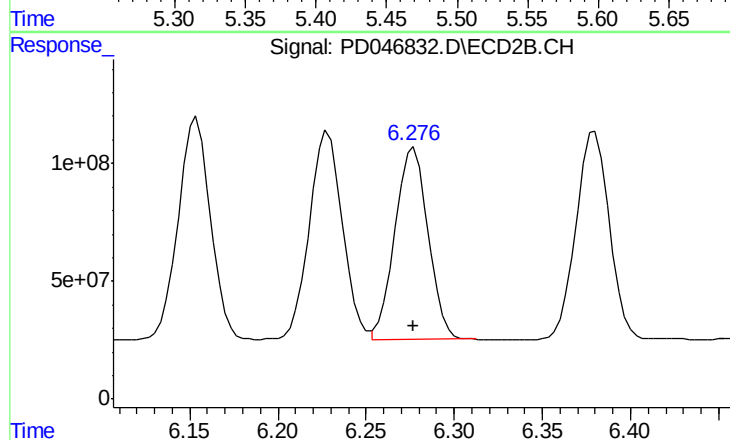
R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 1187056090  
Conc: 46.21 ng/ml



#9 Endosulfan I

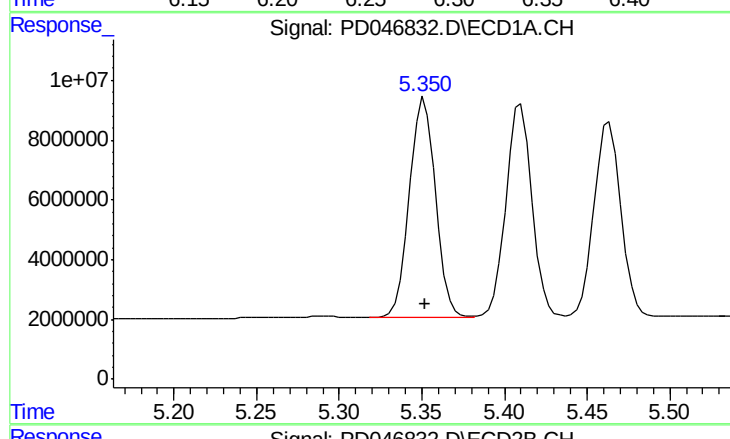
R.T.: 5.463 min  
Delta R.T.: 0.000 min  
Response: 73395272  
Conc: 48.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD040718



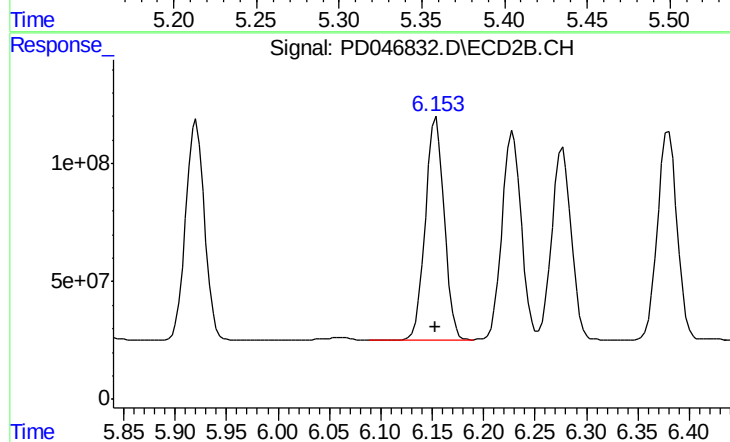
#9 Endosulfan I

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 1064646748  
Conc: 46.61 ng/ml



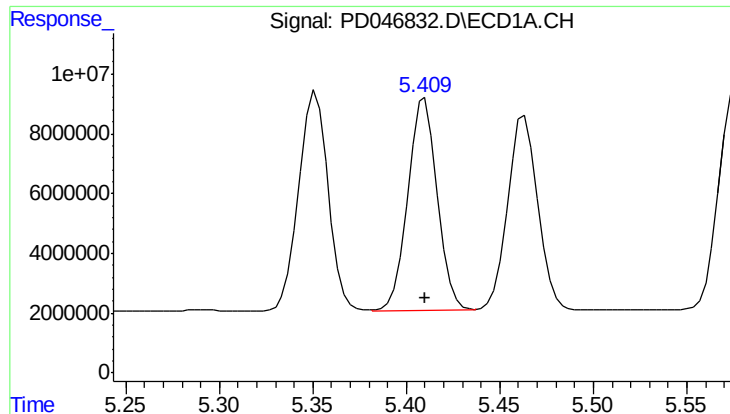
#10 gamma-Chlordane

R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 80418479  
Conc: 48.33 ng/ml



#10 gamma-Chlordane

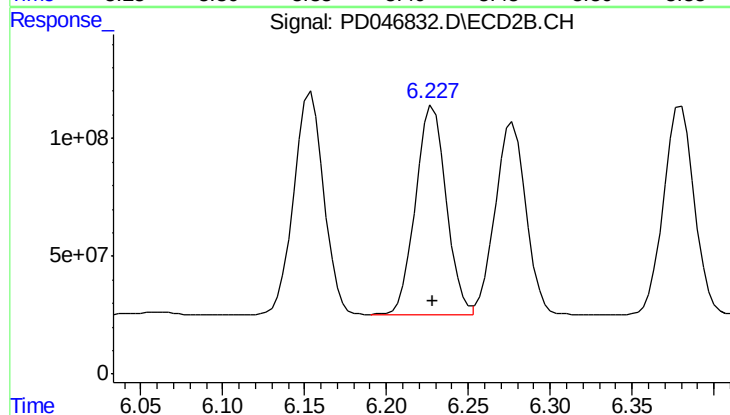
R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 1203746574  
Conc: 46.61 ng/ml



#11 alpha-Chlordane

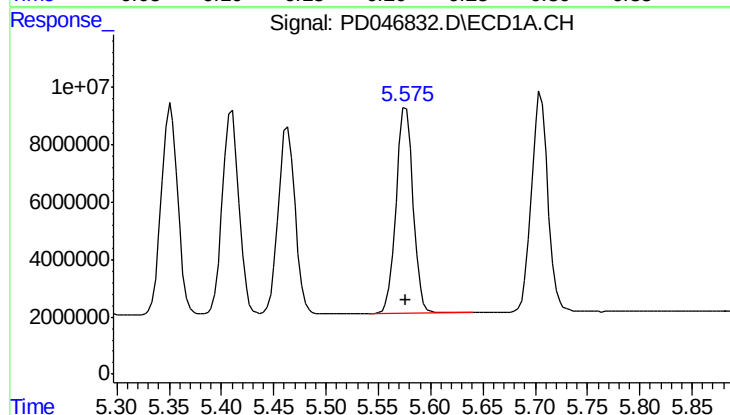
R.T.: 5.410 min  
Delta R.T.: 0.000 min  
Response: 78124789  
Conc: 48.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD040718



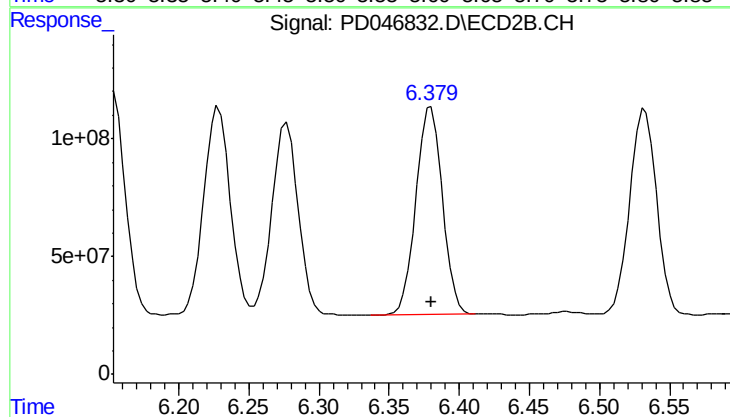
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 1155053083  
Conc: 46.53 ng/ml



#12 4,4'-DDE

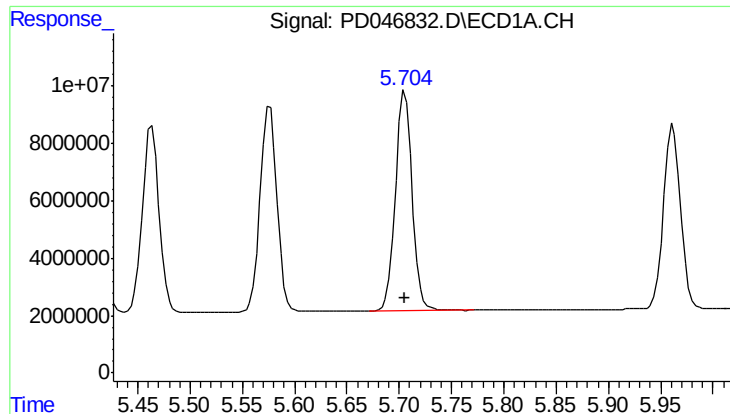
R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 80522109  
Conc: 48.25 ng/ml



#12 4,4'-DDE

R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 1150814334  
Conc: 46.78 ng/ml

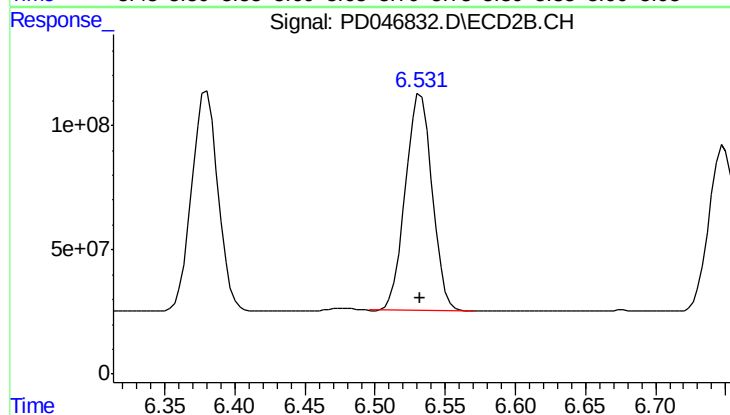




#13 Dielddrin

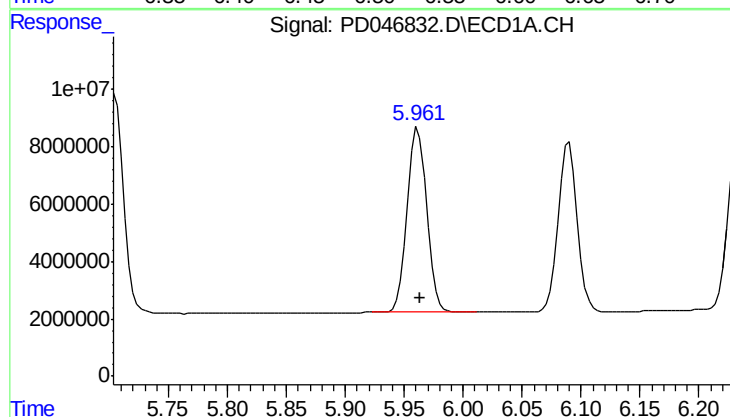
R.T.: 5.705 min  
Delta R.T.: 0.000 min  
Response: 84338028  
Conc: 48.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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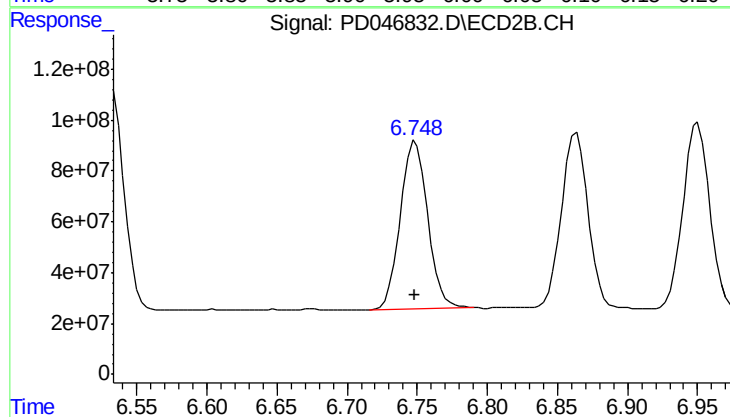
#13 Dielddrin

R.T.: 6.533 min  
Delta R.T.: 0.000 min  
Response: 1155117473  
Conc: 46.69 ng/ml



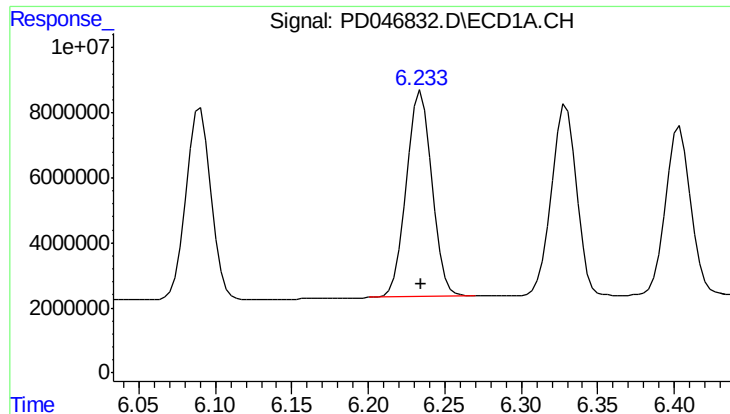
#14 Endrin

R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 72480155  
Conc: 48.05 ng/ml



#14 Endrin

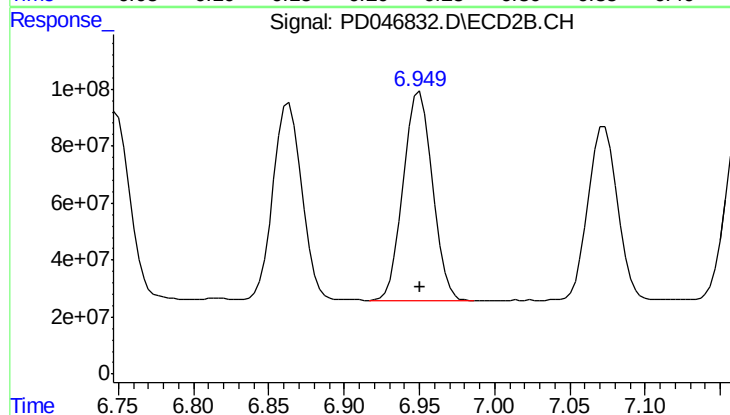
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 893727868  
Conc: 46.81 ng/ml



#15 Endosulfan II

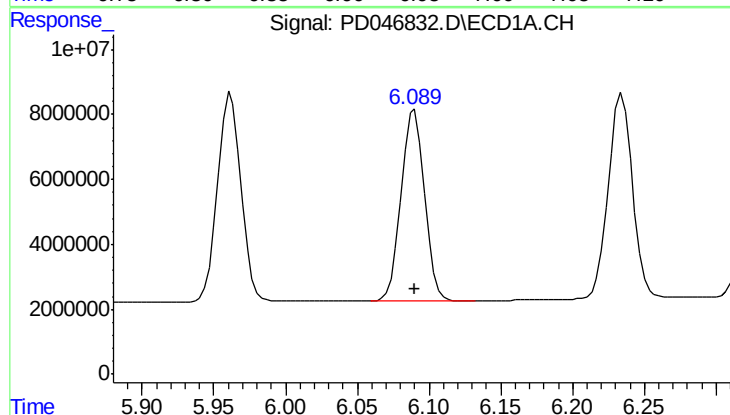
R.T.: 6.235 min  
Delta R.T.: 0.000 min  
Response: 73247281  
Conc: 47.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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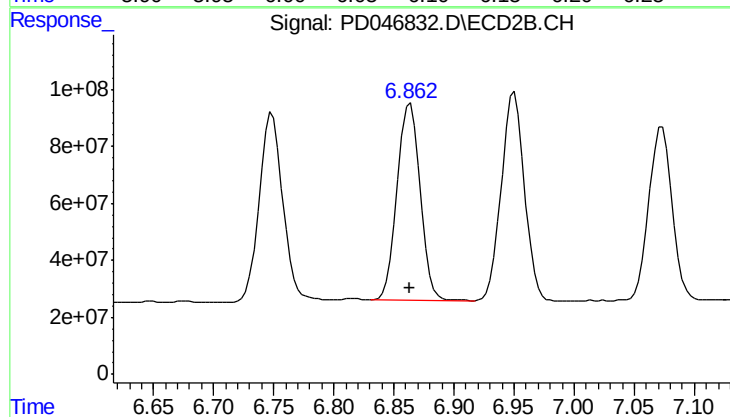
#15 Endosulfan II

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 975049635  
Conc: 46.00 ng/ml



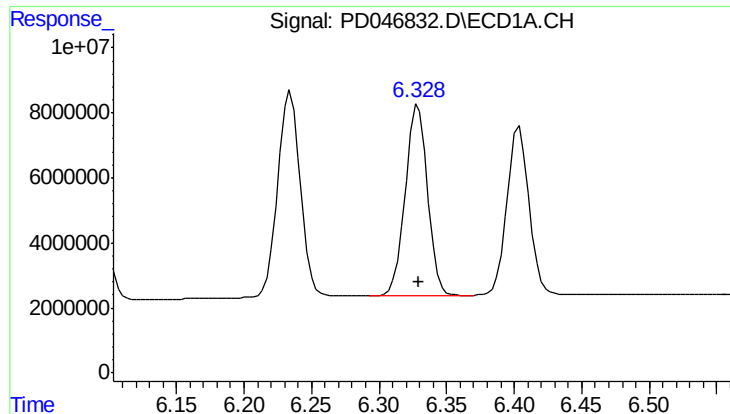
#16 4,4'-DDD

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 66983354  
Conc: 48.44 ng/ml



#16 4,4'-DDD

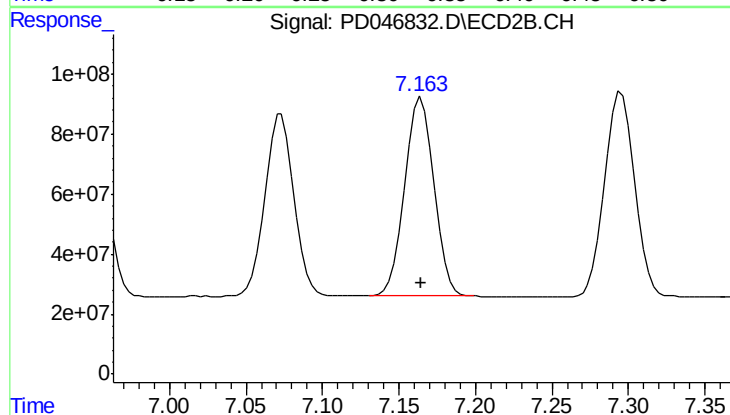
R.T.: 6.864 min  
Delta R.T.: 0.000 min  
Response: 924156641  
Conc: 46.28 ng/ml



#17 4,4'-DDT

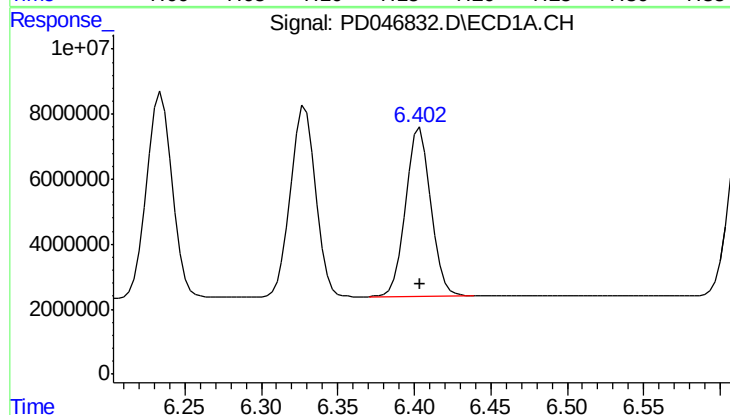
R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 67267404  
Conc: 49.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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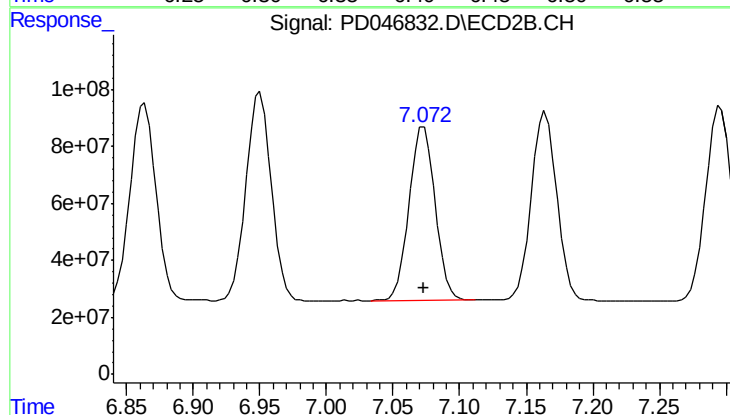
#17 4,4'-DDT

R.T.: 7.165 min  
Delta R.T.: 0.000 min  
Response: 879978952  
Conc: 47.67 ng/ml



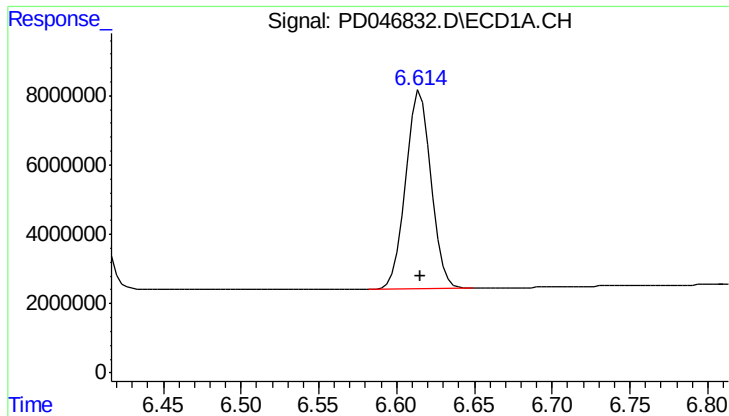
#18 Endrin aldehyde

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 58870046  
Conc: 47.92 ng/ml



#18 Endrin aldehyde

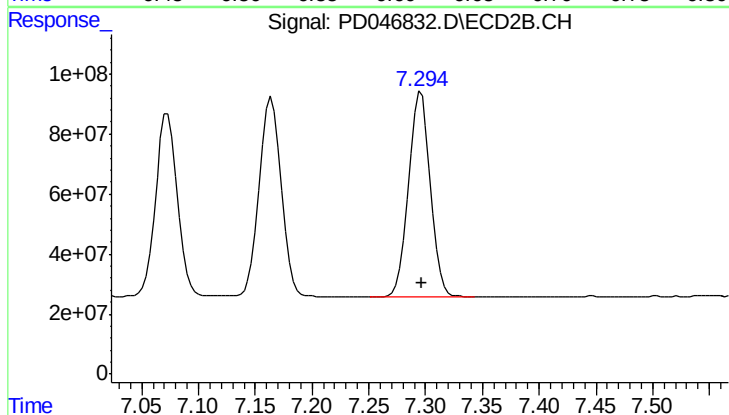
R.T.: 7.073 min  
Delta R.T.: 0.000 min  
Response: 822786488  
Conc: 46.33 ng/ml



#19 Endosulfan Sulfate

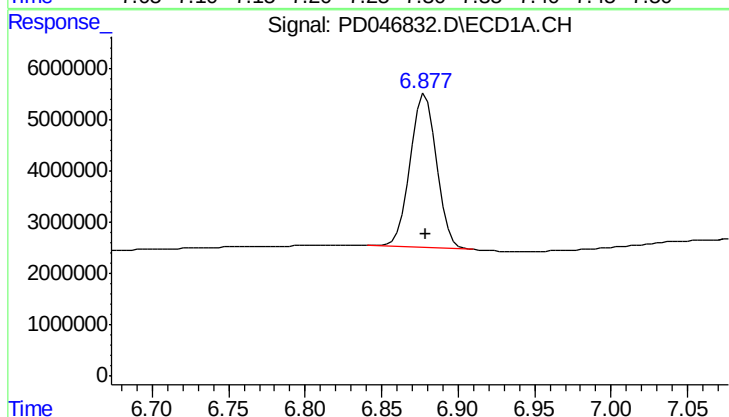
R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 65357995  
Conc: 48.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD040718



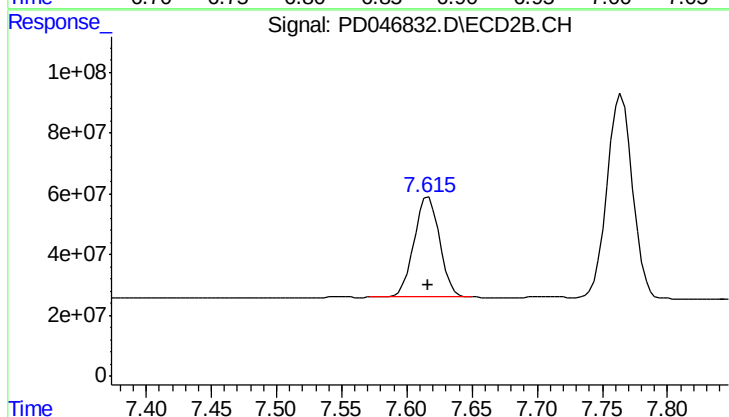
#19 Endosulfan Sulfate

R.T.: 7.296 min  
Delta R.T.: 0.000 min  
Response: 938455335  
Conc: 46.51 ng/ml



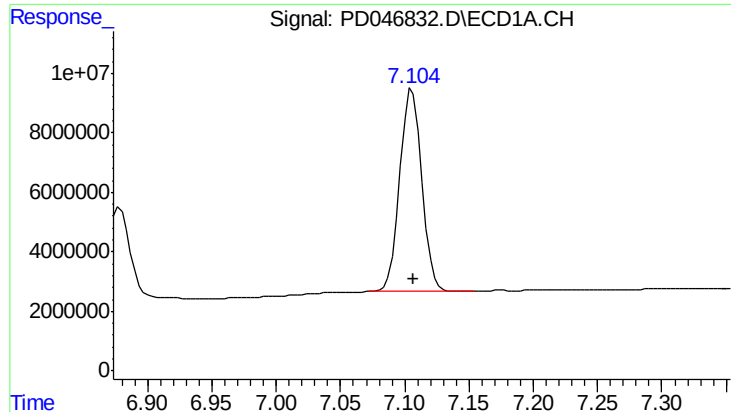
#20 Methoxychlor

R.T.: 6.879 min  
Delta R.T.: 0.000 min  
Response: 35877654  
Conc: 48.75 ng/ml



#20 Methoxychlor

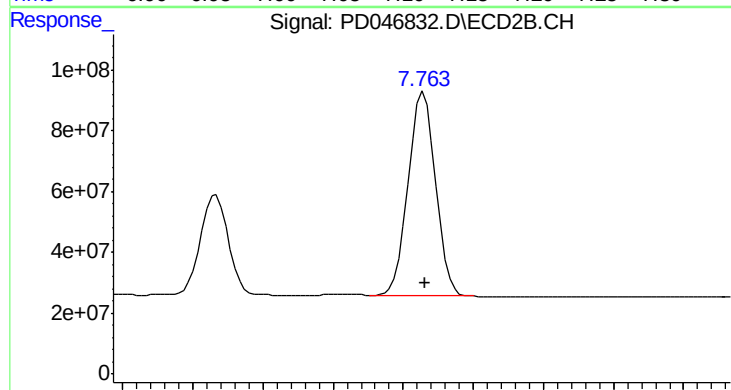
R.T.: 7.617 min  
Delta R.T.: 0.000 min  
Response: 448860212  
Conc: 46.40 ng/ml



#21 Endrin ketone

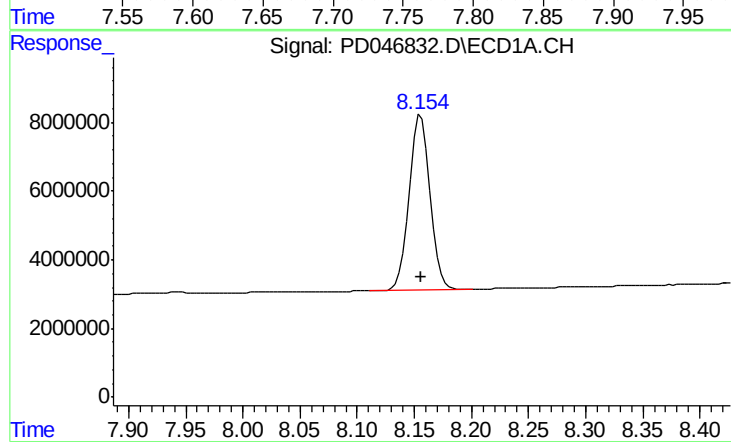
R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 81381962  
Conc: 48.16 ng/ml

Instrument :  
ECD\_D  
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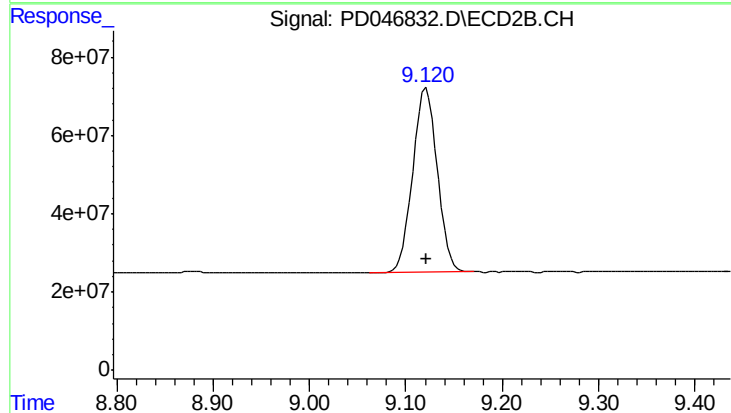
#21 Endrin ketone

R.T.: 7.765 min  
Delta R.T.: 0.000 min  
Response: 907403751  
Conc: 46.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.156 min  
Delta R.T.: 0.000 min  
Response: 64258990  
Conc: 47.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.001 min  
Response: 831513196  
Conc: 46.22 ng/ml