

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043025\  
 Data File : PD088348.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 11:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 00:21:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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... | 3.554 | 2.881 | 109.7E6  | 727.6E6  | 54.902  | 49.760    |
| 2)                          | SA Decachlor... | 9.079 | 8.077 | 174.1E6  | 849.6E6  | 52.634  | 45.974    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.004 | 3.394 | 252.7E6  | 1155.6E6 | 58.614  | 50.546    |
| 3)                          | MA gamma-BHC... | 4.335 | 3.731 | 241.8E6  | 1072.1E6 | 57.731  | 49.775    |
| 4)                          | MA Heptachlor   | 4.934 | 4.085 | 233.0E6  | 1045.0E6 | 57.700  | 48.836    |
| 5)                          | MB Aldrin       | 5.276 | 4.371 | 229.7E6  | 1077.0E6 | 58.161  | 51.772    |
| 6)                          | B beta-BHC      | 4.519 | 4.027 | 92420090 | 463.0E6  | 56.931  | 50.036    |
| 7)                          | B delta-BHC     | 4.768 | 4.264 | 240.9E6  | 1070.8E6 | 58.389  | 50.365    |
| 8)                          | B Heptachlo...  | 5.696 | 4.875 | 206.1E6  | 941.1E6  | 57.654  | 49.806    |
| 9)                          | A Endosulfan I  | 6.080 | 5.249 | 194.2E6  | 773.0E6  | 57.500  | 42.915 #  |
| 10)                         | B gamma-Chl...  | 5.951 | 5.129 | 209.8E6  | 1014.0E6 | 57.924  | 49.960    |
| 11)                         | B alpha-Chl...  | 6.033 | 5.193 | 208.2E6  | 974.3E6  | 57.692  | 49.702    |
| 12)                         | B 4,4'-DDE      | 6.201 | 5.379 | 183.3E6  | 1034.5E6 | 55.573  | 52.530    |
| 13)                         | MA Dieldrin     | 6.353 | 5.516 | 207.1E6  | 998.5E6  | 58.043  | 50.094    |
| 14)                         | MA Endrin       | 6.579 | 5.792 | 169.7E6  | 905.2E6  | 56.902  | 49.731    |
| 15)                         | B Endosulfa...  | 6.791 | 6.084 | 177.3E6  | 869.7E6  | 56.708  | 49.634    |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.933 | 154.3E6  | 830.7E6  | 61.347  | 50.698    |
| 17)                         | MA 4,4'-DDT     | 7.026 | 6.187 | 148.7E6  | 819.6E6  | 53.545  | 48.164    |
| 18)                         | B Endrin al...  | 6.920 | 6.262 | 127.2E6  | 634.3E6  | 55.134  | 47.690    |
| 19)                         | B Endosulfa...  | 7.154 | 6.485 | 161.6E6  | 828.8E6  | 56.183  | 48.373    |
| 20)                         | A Methoxychlor  | 7.498 | 6.758 | 77965976 | 424.6E6  | 51.993  | 46.553    |
| 21)                         | B Endrin ke...  | 7.635 | 6.995 | 173.1E6  | 907.7E6  | 56.090  | 48.527    |
| 22)                         | Mirex           | 8.119 | 7.189 | 125.9E6  | 709.9E6  | 53.594  | 47.901    |
| 23)                         | Chlordane-1     | 0.000 | 3.897 | 0        | 2137650  | N.D.    | 2.666 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.509 | 0        | 103.3E6  | N.D.    | 125.106 # |
| 25)                         | Chlordane-3     | 5.951 | 5.129 | 209.8E6  | 1014.0E6 | 311.035 | 400.939 # |
| 26)                         | Chlordane-4     | 6.033 | 5.193 | 208.2E6  | 974.3E6  | 255.411 | 455.674 # |
| 27)                         | Chlordane-5     | 0.000 | 6.084 | 0        | 869.7E6  | N.D.    | 900.732 # |
| -----                       |                 |       |       |          |          |         |           |

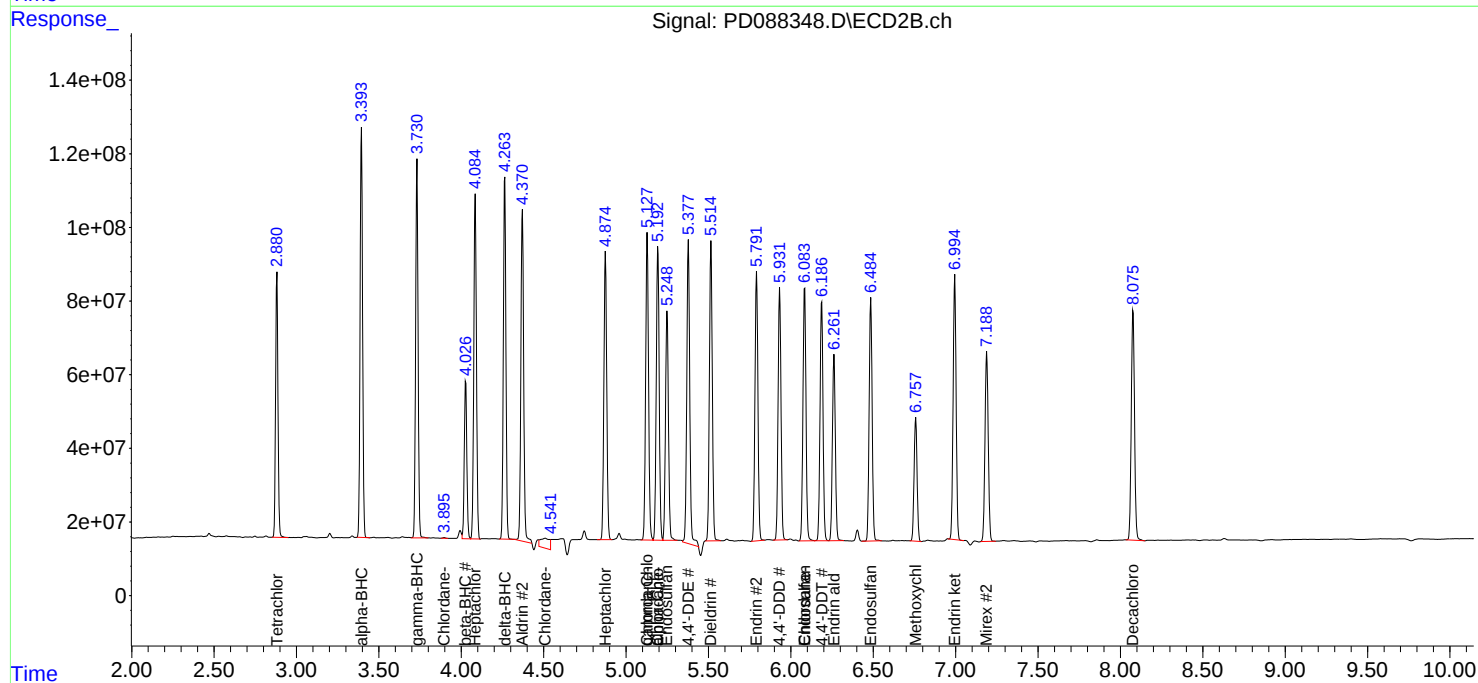
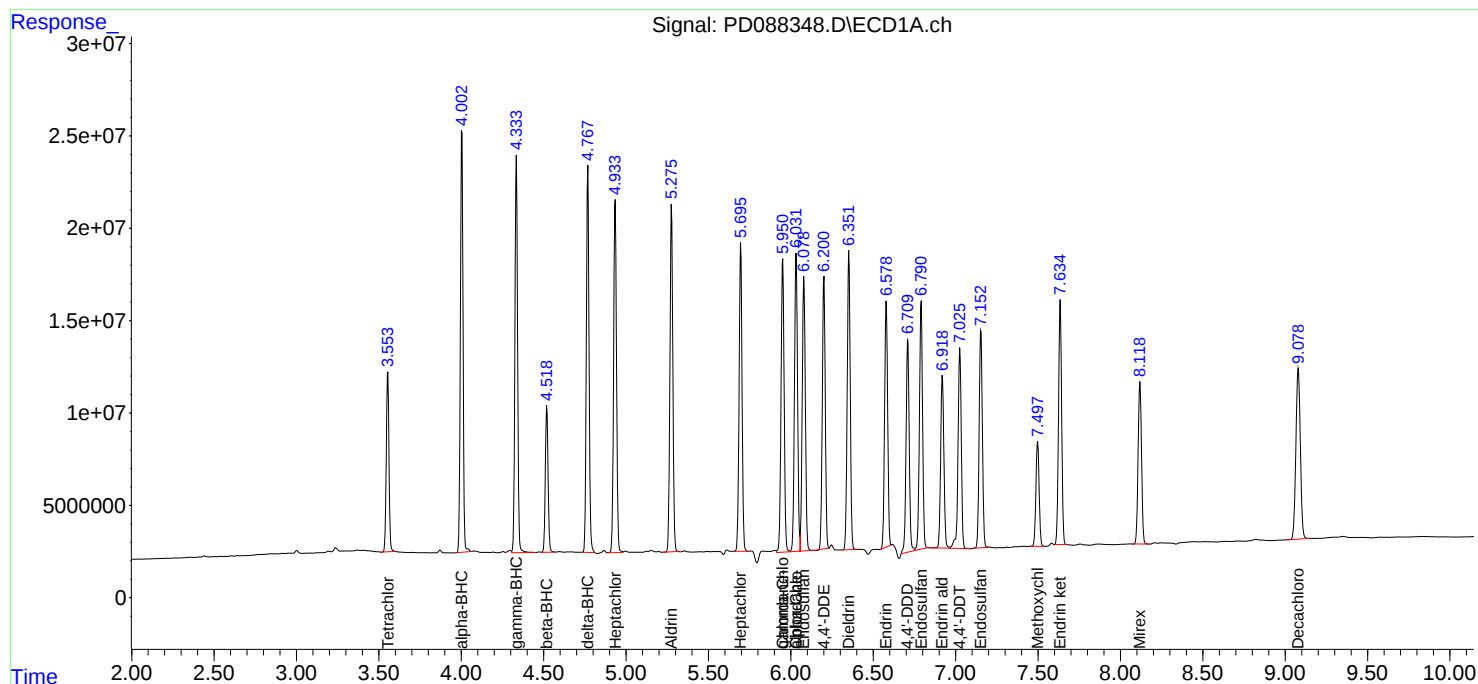
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

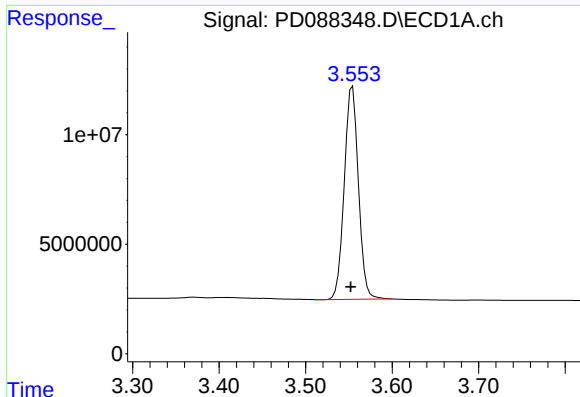
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043025\  
Data File : PD088348.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 11:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 00:21:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

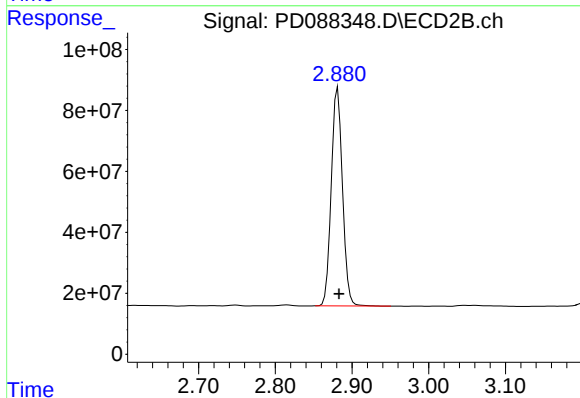




#1 Tetrachloro-m-xylene

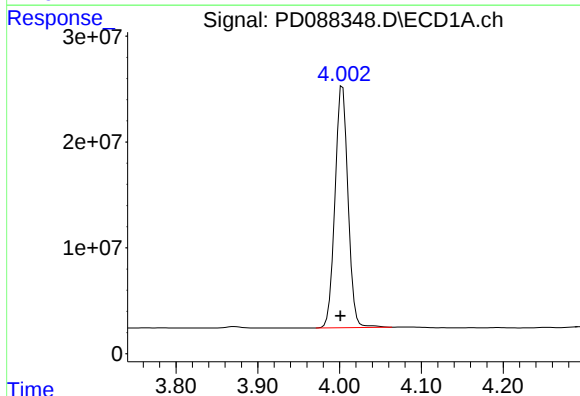
R.T.: 3.554 min  
Delta R.T.: 0.002 min  
Response: 109661141  
Conc: 54.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



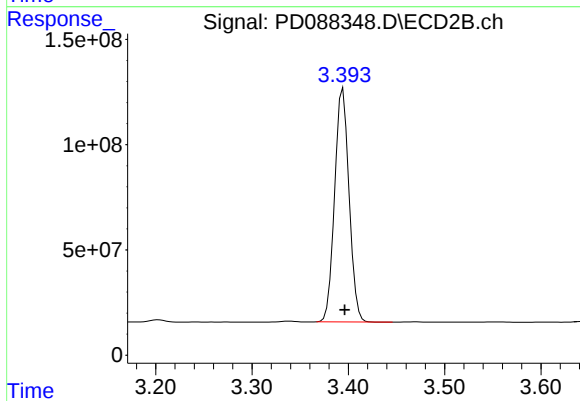
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: -0.002 min  
Response: 727566221  
Conc: 49.76 ng/ml



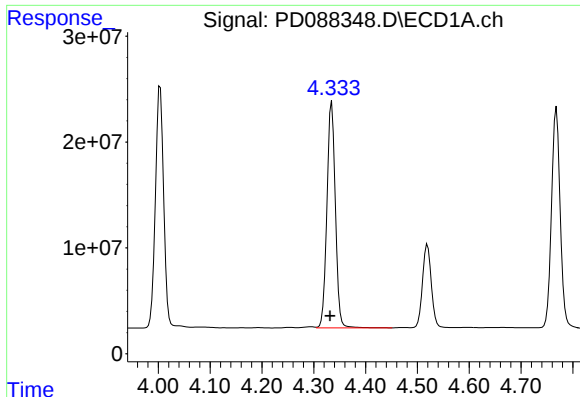
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.003 min  
Response: 252744734  
Conc: 58.61 ng/ml



#2 alpha-BHC

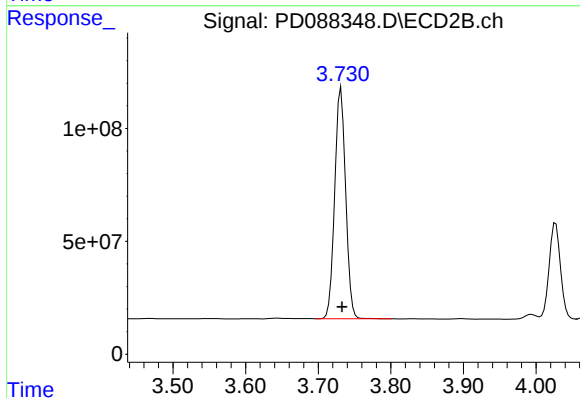
R.T.: 3.394 min  
Delta R.T.: -0.002 min  
Response: 1155562165  
Conc: 50.55 ng/ml



#3 gamma-BHC (Lindane)

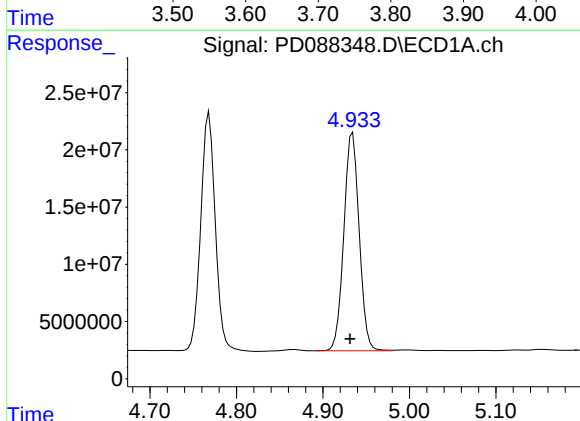
R.T.: 4.335 min  
Delta R.T.: 0.003 min  
Response: 241750926  
Conc: 57.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



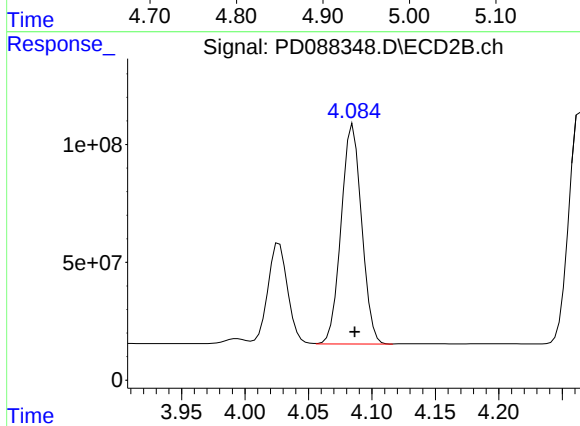
#3 gamma-BHC (Lindane)

R.T.: 3.731 min  
Delta R.T.: -0.001 min  
Response: 1072080725  
Conc: 49.77 ng/ml



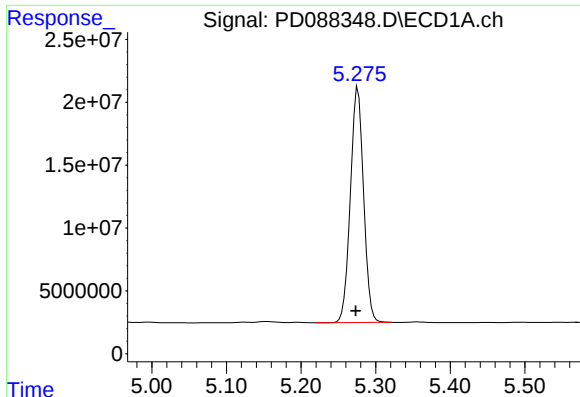
#4 Heptachlor

R.T.: 4.934 min  
Delta R.T.: 0.003 min  
Response: 233046971  
Conc: 57.70 ng/ml



#4 Heptachlor

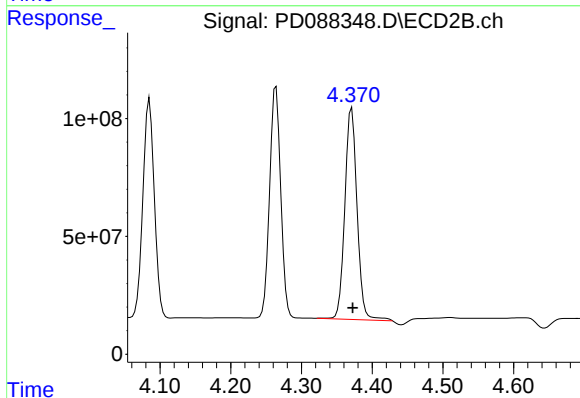
R.T.: 4.085 min  
Delta R.T.: -0.001 min  
Response: 1044999173  
Conc: 48.84 ng/ml



#5 Aldrin

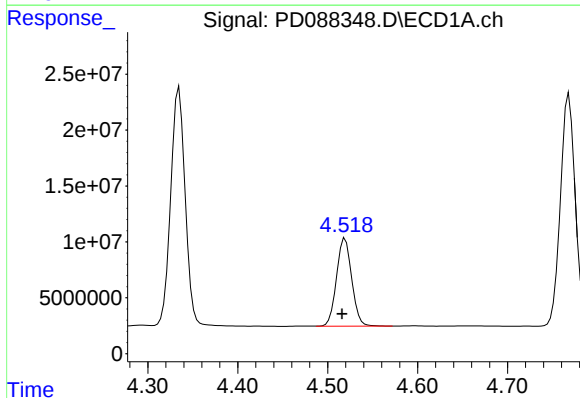
R.T.: 5.276 min  
Delta R.T.: 0.003 min  
Response: 229712338  
Conc: 58.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



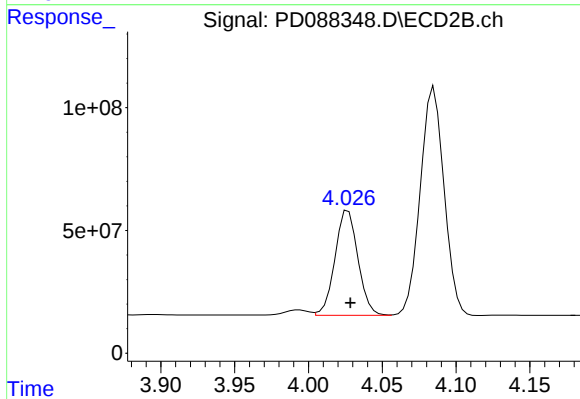
#5 Aldrin

R.T.: 4.371 min  
Delta R.T.: -0.002 min  
Response: 1077002265  
Conc: 51.77 ng/ml



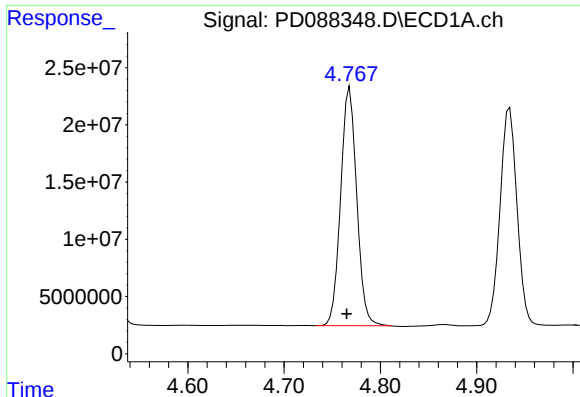
#6 beta-BHC

R.T.: 4.519 min  
Delta R.T.: 0.003 min  
Response: 92420090  
Conc: 56.93 ng/ml



#6 beta-BHC

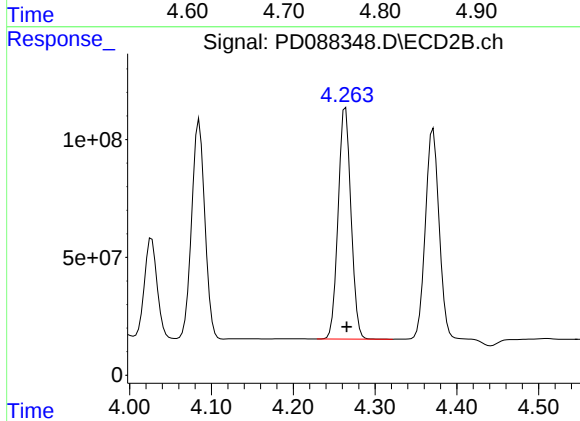
R.T.: 4.027 min  
Delta R.T.: -0.001 min  
Response: 463042304  
Conc: 50.04 ng/ml



#7 delta-BHC

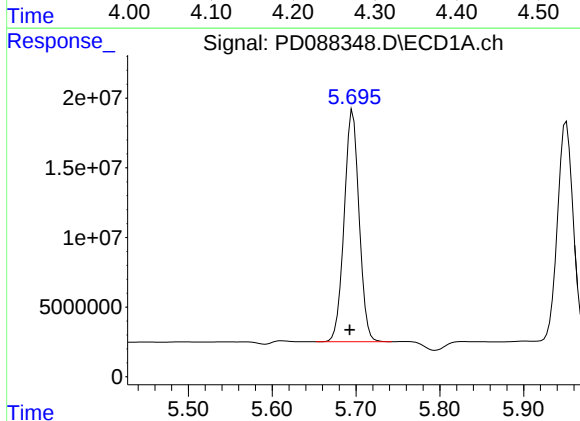
R.T.: 4.768 min  
Delta R.T.: 0.003 min  
Response: 240853462  
Conc: 58.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



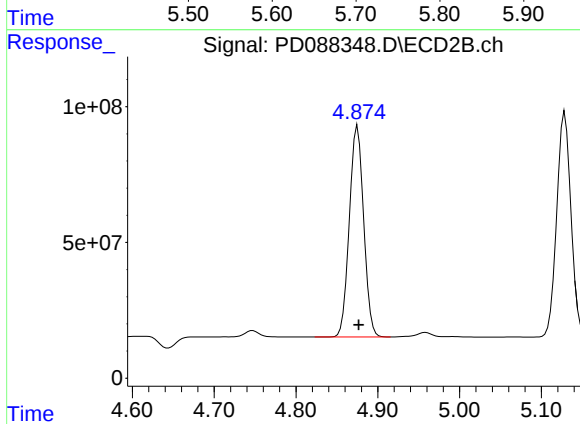
#7 delta-BHC

R.T.: 4.264 min  
Delta R.T.: -0.001 min  
Response: 1070829327  
Conc: 50.36 ng/ml



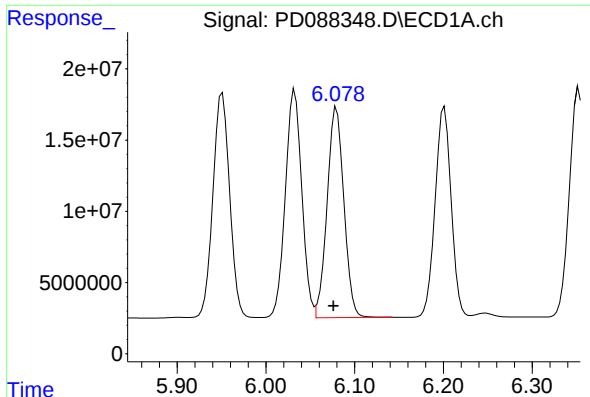
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.004 min  
Response: 206053559  
Conc: 57.65 ng/ml



#8 Heptachlor epoxide

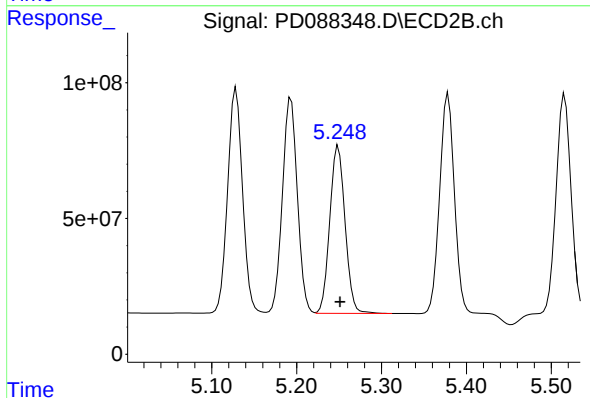
R.T.: 4.875 min  
Delta R.T.: -0.001 min  
Response: 941051027  
Conc: 49.81 ng/ml



#9 Endosulfan I

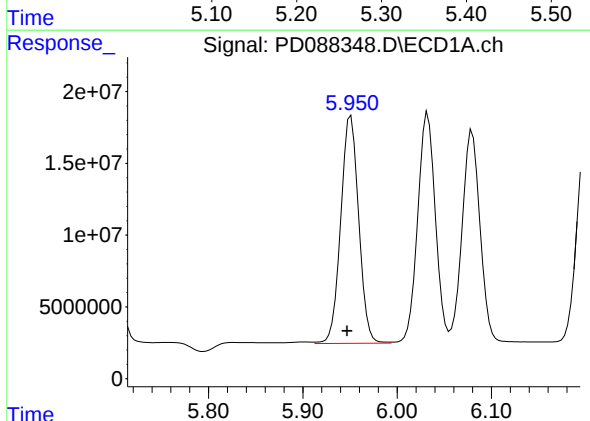
R.T.: 6.080 min  
Delta R.T.: 0.004 min  
Response: 194185297  
Conc: 57.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



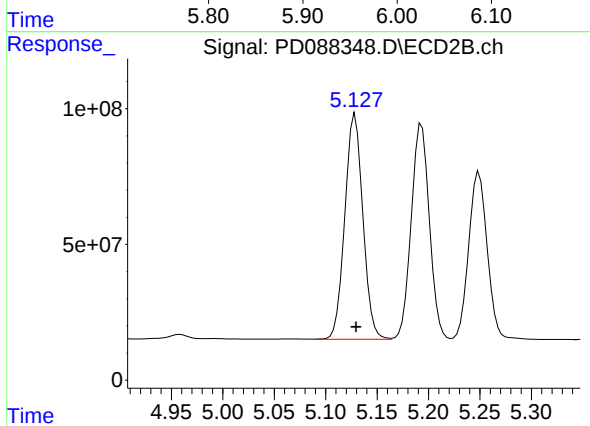
#9 Endosulfan I

R.T.: 5.249 min  
Delta R.T.: -0.002 min  
Response: 773008508  
Conc: 42.92 ng/ml



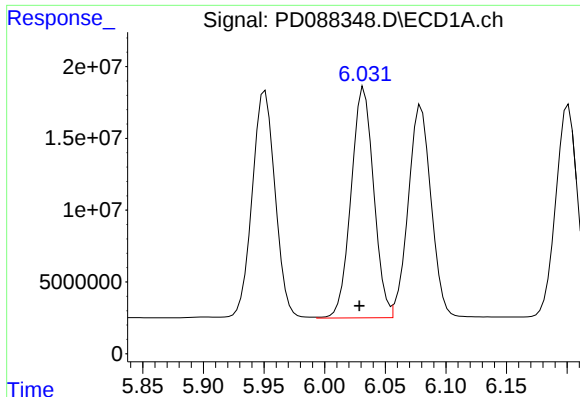
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.004 min  
Response: 209802618  
Conc: 57.92 ng/ml



#10 gamma-Chlordane

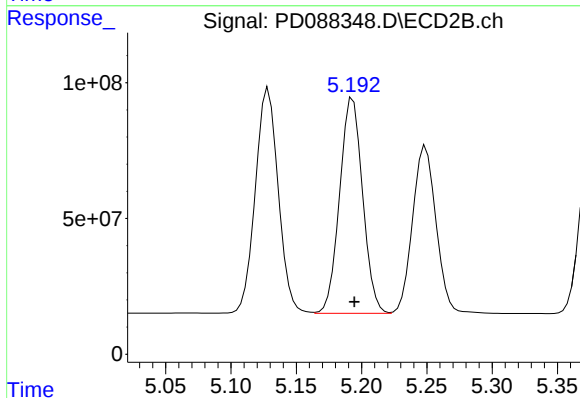
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 1013991283  
Conc: 49.96 ng/ml



#11 alpha-Chlordane

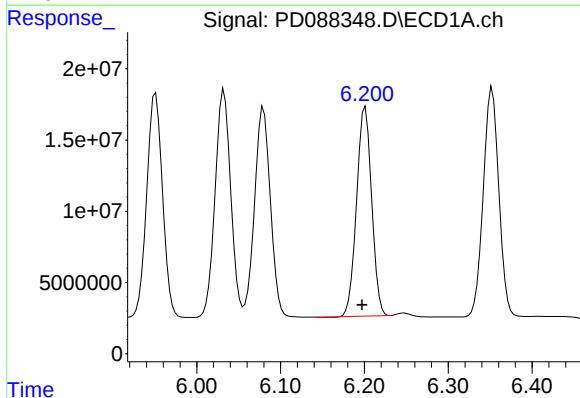
R.T.: 6.033 min  
Delta R.T.: 0.004 min  
Response: 208243336  
Conc: 57.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



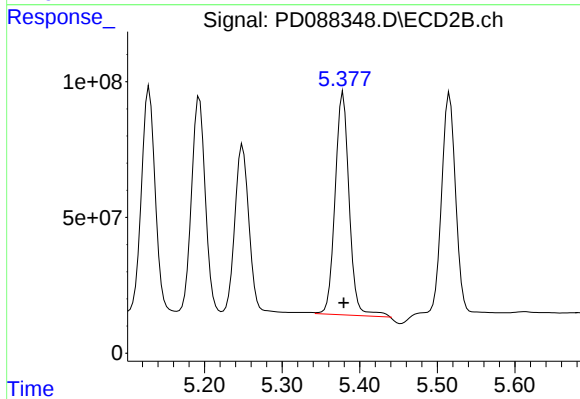
#11 alpha-Chlordane

R.T.: 5.193 min  
Delta R.T.: -0.001 min  
Response: 974301675  
Conc: 49.70 ng/ml



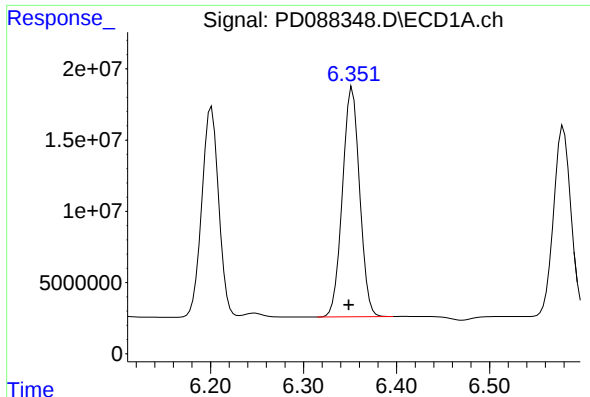
#12 4,4'-DDE

R.T.: 6.201 min  
Delta R.T.: 0.004 min  
Response: 183294237  
Conc: 55.57 ng/ml



#12 4,4'-DDE

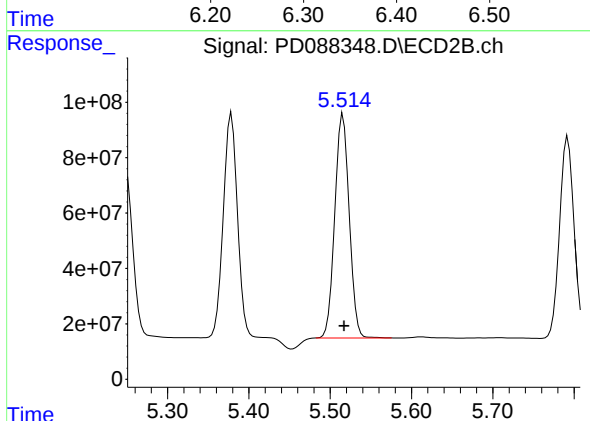
R.T.: 5.379 min  
Delta R.T.: 0.000 min  
Response: 1034523645  
Conc: 52.53 ng/ml



#13 Dieldrin

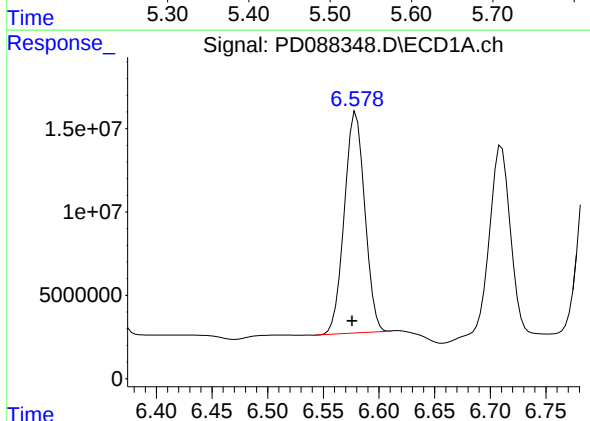
R.T.: 6.353 min  
Delta R.T.: 0.004 min  
Response: 207125533  
Conc: 58.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



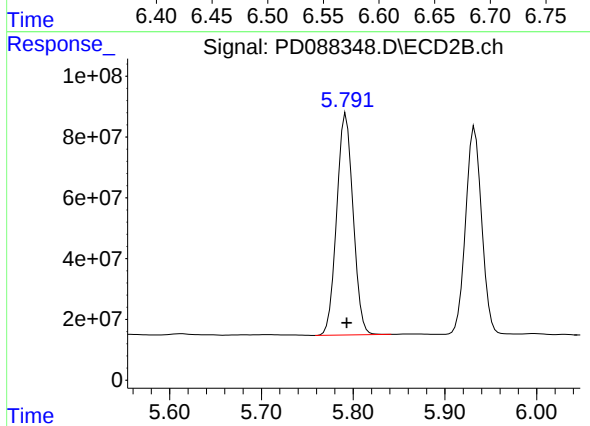
#13 Dieldrin

R.T.: 5.516 min  
Delta R.T.: -0.001 min  
Response: 998513368  
Conc: 50.09 ng/ml



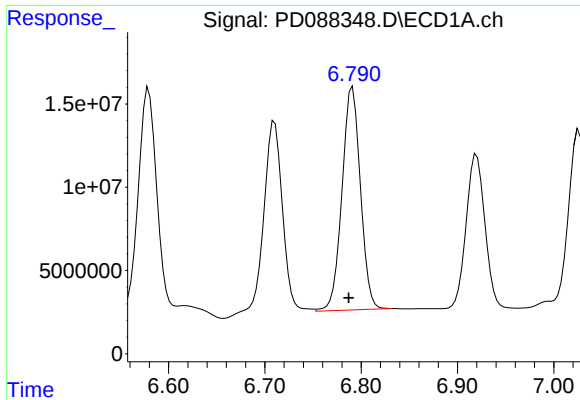
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.004 min  
Response: 169714611  
Conc: 56.90 ng/ml



#14 Endrin

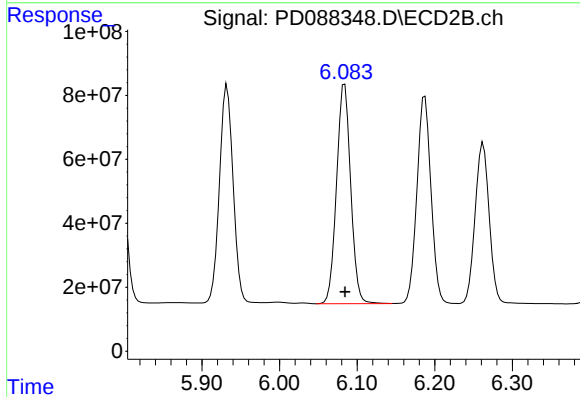
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 905229909  
Conc: 49.73 ng/ml



#15 Endosulfan II

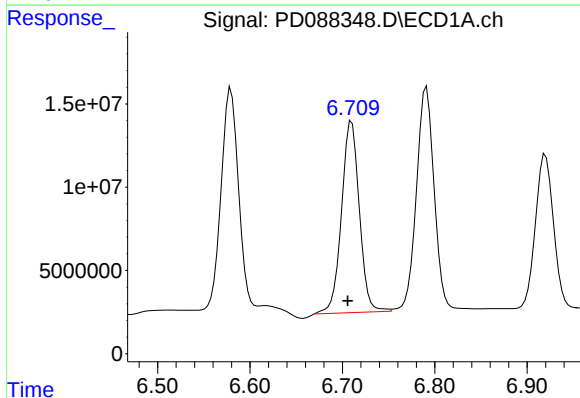
R.T.: 6.791 min  
Delta R.T.: 0.004 min  
Response: 177282734  
Conc: 56.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



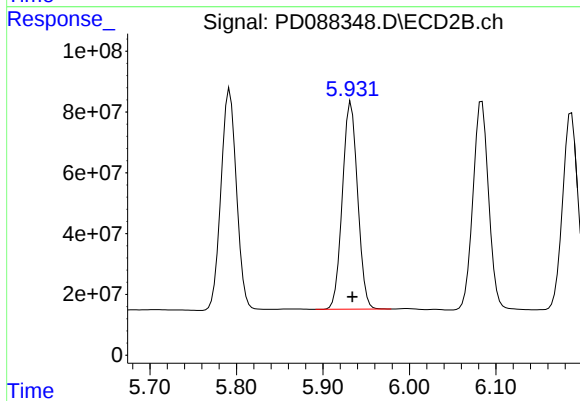
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 869678688  
Conc: 49.63 ng/ml



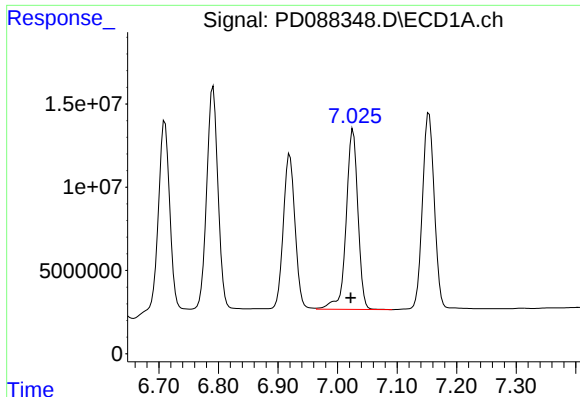
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.004 min  
Response: 154285395  
Conc: 61.35 ng/ml



#16 4,4'-DDD

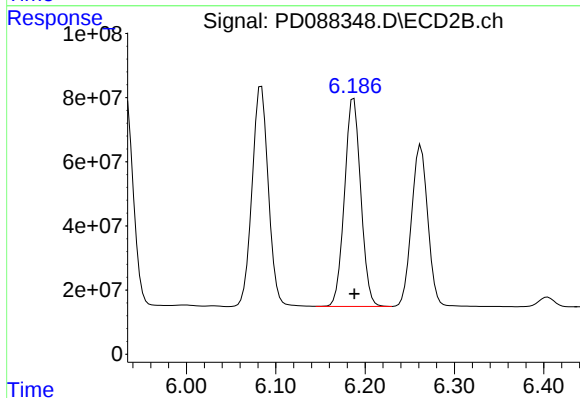
R.T.: 5.933 min  
Delta R.T.: -0.002 min  
Response: 830744078  
Conc: 50.70 ng/ml



#17 4,4'-DDT

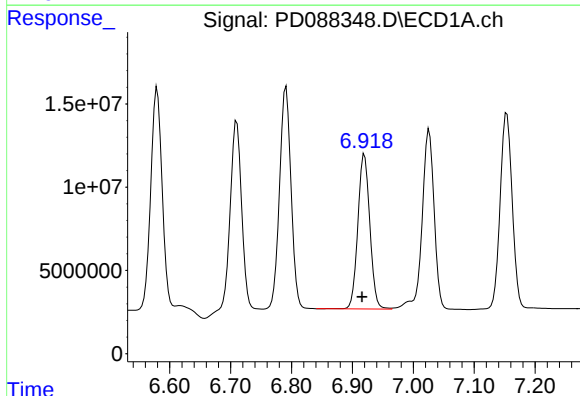
R.T.: 7.026 min  
Delta R.T.: 0.004 min  
Response: 148723877  
Conc: 53.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



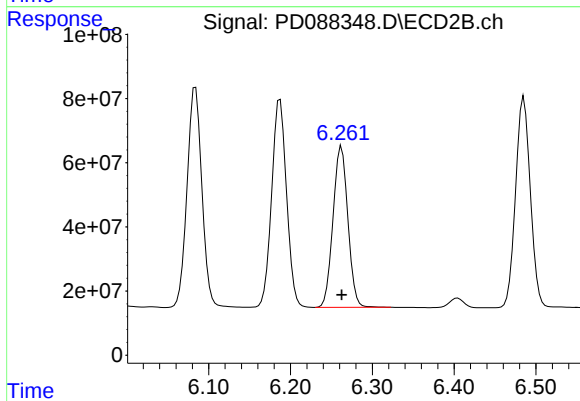
#17 4,4'-DDT

R.T.: 6.187 min  
Delta R.T.: 0.000 min  
Response: 819579906  
Conc: 48.16 ng/ml



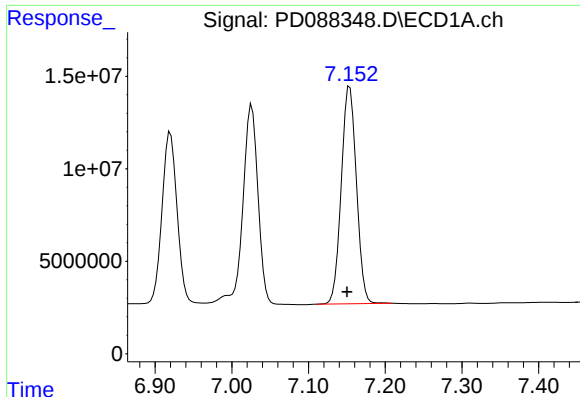
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: 0.004 min  
Response: 127249630  
Conc: 55.13 ng/ml



#18 Endrin aldehyde

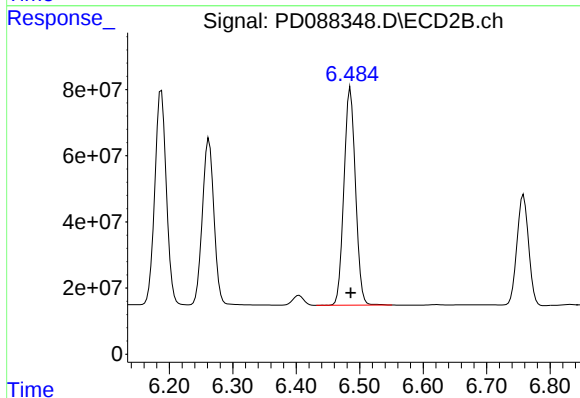
R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 634327928  
Conc: 47.69 ng/ml



#19 Endosulfan Sulfate

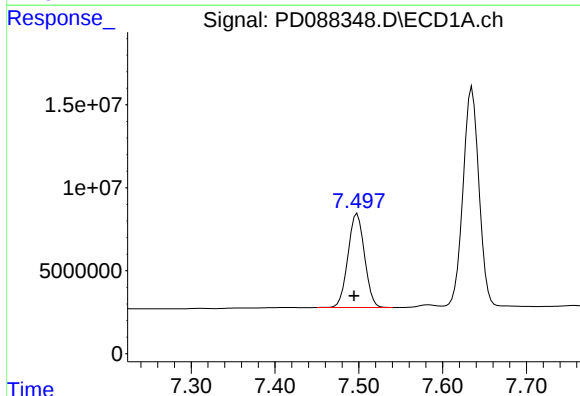
R.T.: 7.154 min  
Delta R.T.: 0.003 min  
Response: 161573523  
Conc: 56.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



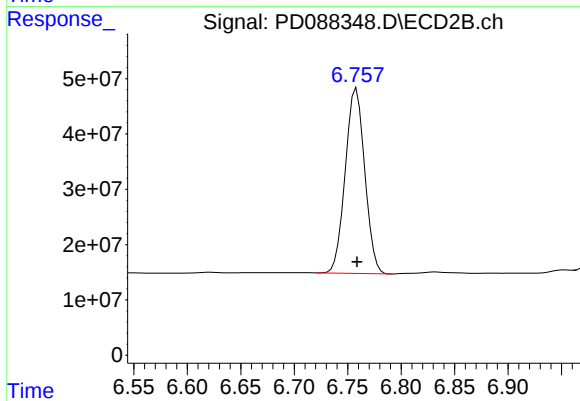
#19 Endosulfan Sulfate

R.T.: 6.485 min  
Delta R.T.: 0.000 min  
Response: 828790793  
Conc: 48.37 ng/ml



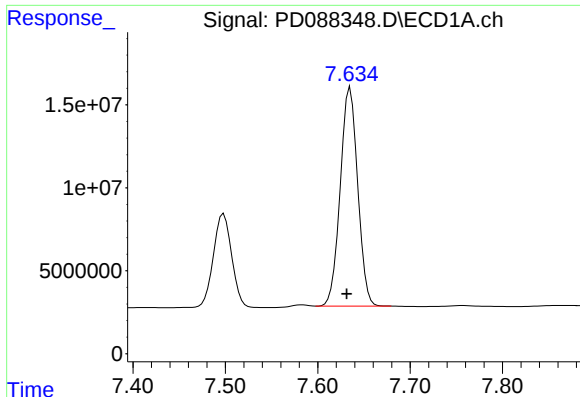
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: 0.004 min  
Response: 77965976  
Conc: 51.99 ng/ml



#20 Methoxychlor

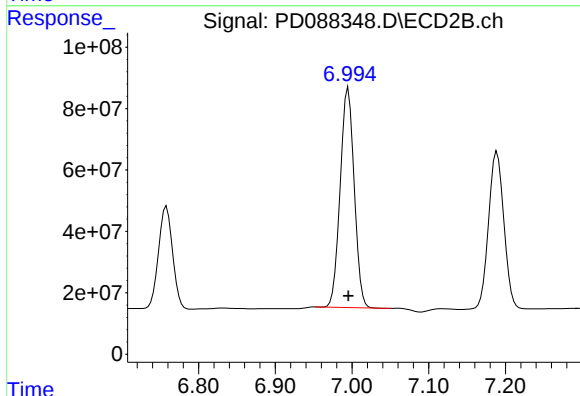
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 424615591  
Conc: 46.55 ng/ml



#21 Endrin ketone

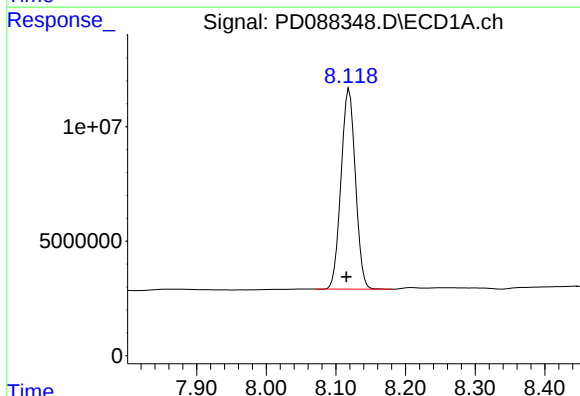
R.T.: 7.635 min  
Delta R.T.: 0.004 min  
Response: 173126652  
Conc: 56.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



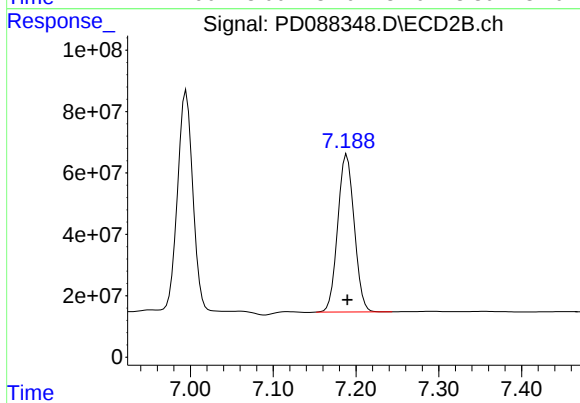
#21 Endrin ketone

R.T.: 6.995 min  
Delta R.T.: 0.000 min  
Response: 907658046  
Conc: 48.53 ng/ml



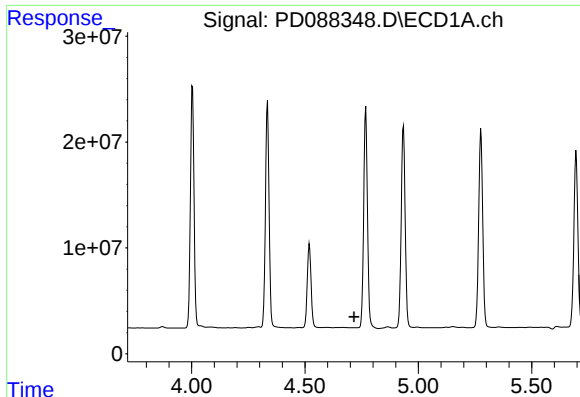
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.004 min  
Response: 125855280  
Conc: 53.59 ng/ml



#22 Mirex

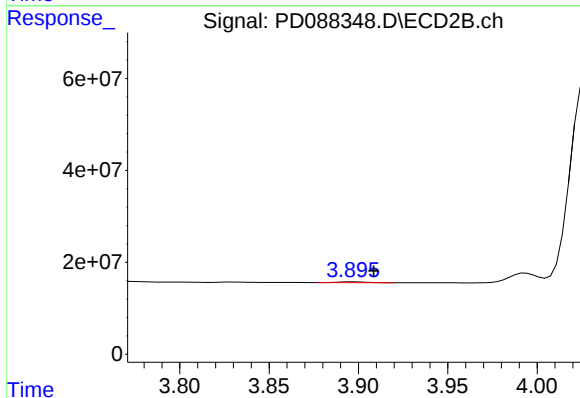
R.T.: 7.189 min  
Delta R.T.: 0.000 min  
Response: 709945552  
Conc: 47.90 ng/ml



#23 Chlordane-1

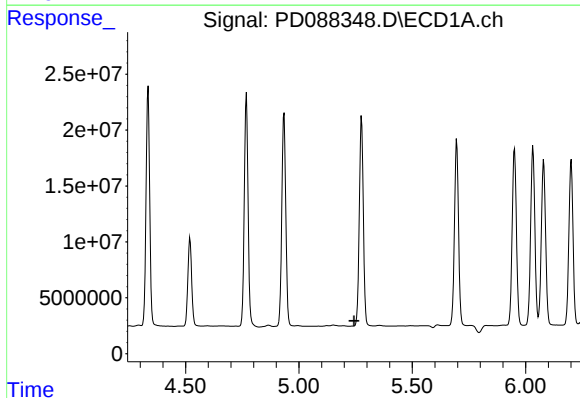
R.T.: 0.000 min  
Exp R.T.: 4.717 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



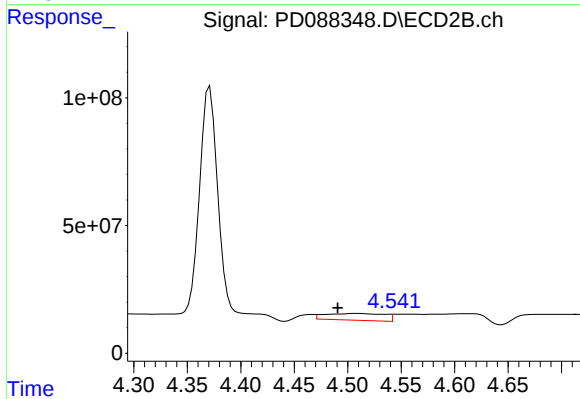
#23 Chlordane-1

R.T.: 3.897 min  
Delta R.T.: -0.012 min  
Response: 2137650  
Conc: 2.67 ng/ml



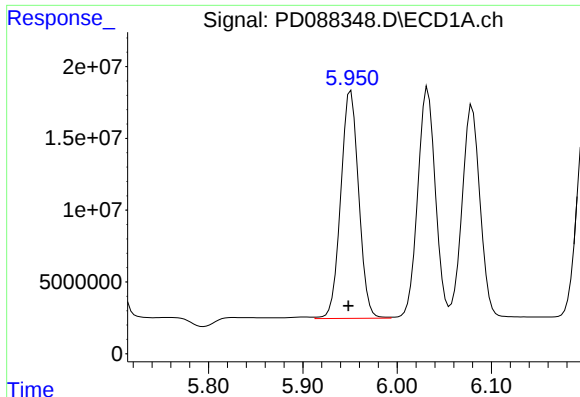
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.243 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

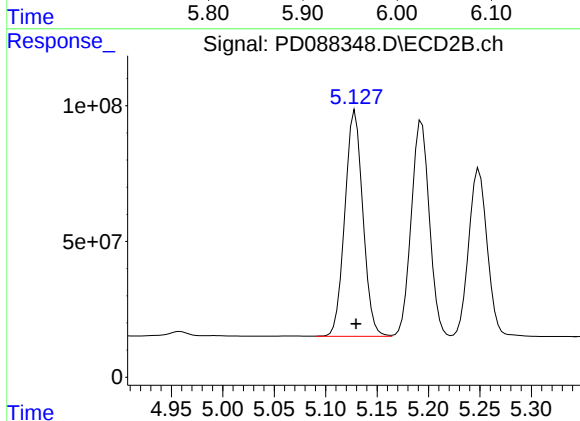
R.T.: 4.509 min  
Delta R.T.: 0.019 min  
Response: 103250894  
Conc: 125.11 ng/ml



#25 Chlordane-3

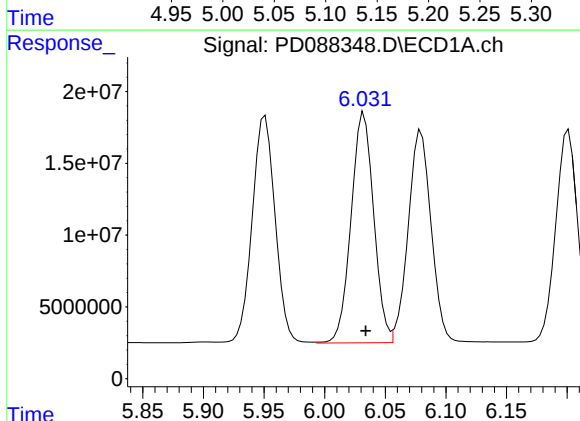
R.T.: 5.951 min  
Delta R.T.: 0.003 min  
Response: 209802618  
Conc: 311.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



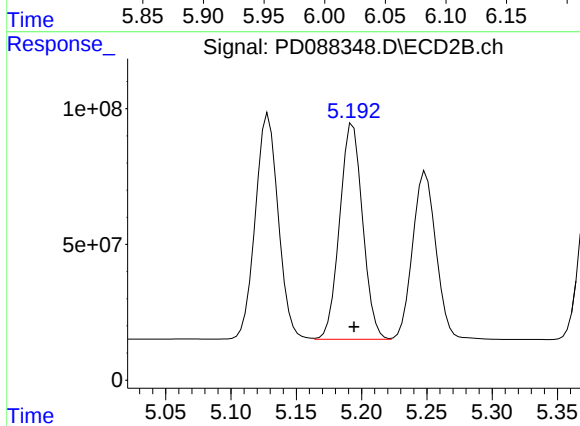
#25 Chlordane-3

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 1013991283  
Conc: 400.94 ng/ml



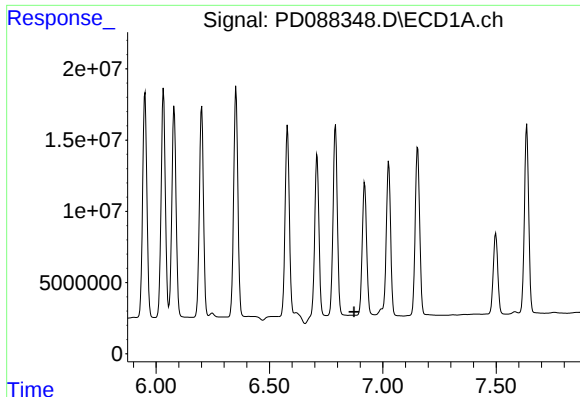
#26 Chlordane-4

R.T.: 6.033 min  
Delta R.T.: -0.001 min  
Response: 208243336  
Conc: 255.41 ng/ml



#26 Chlordane-4

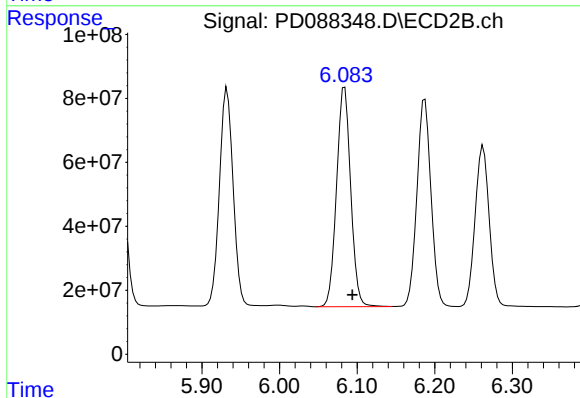
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 974301675  
Conc: 455.67 ng/ml



#27 Chlordane-5

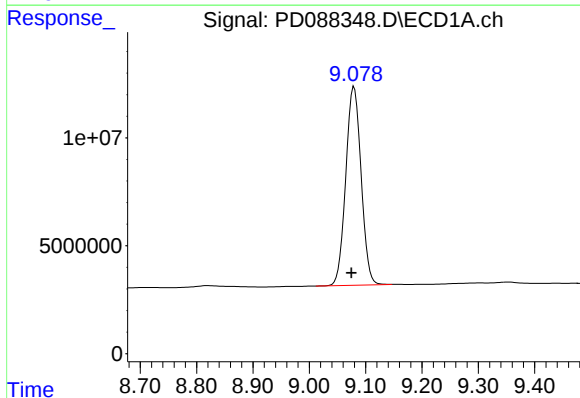
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



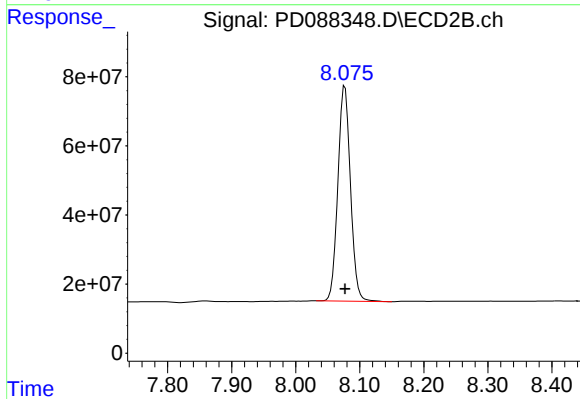
#27 Chlordane-5

R.T.: 6.084 min  
Delta R.T.: -0.010 min  
Response: 869678688  
Conc: 900.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min  
Delta R.T.: 0.005 min  
Response: 174117709  
Conc: 52.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.077 min  
Delta R.T.: 0.000 min  
Response: 849573314  
Conc: 45.97 ng/ml