

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060624\  
 Data File : PD083430.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2024 15:26  
 Operator : AR\AJ  
 Sample : P2590-15MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDA3154

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 21:58:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060424CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 04 07:04:40 2024  
 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

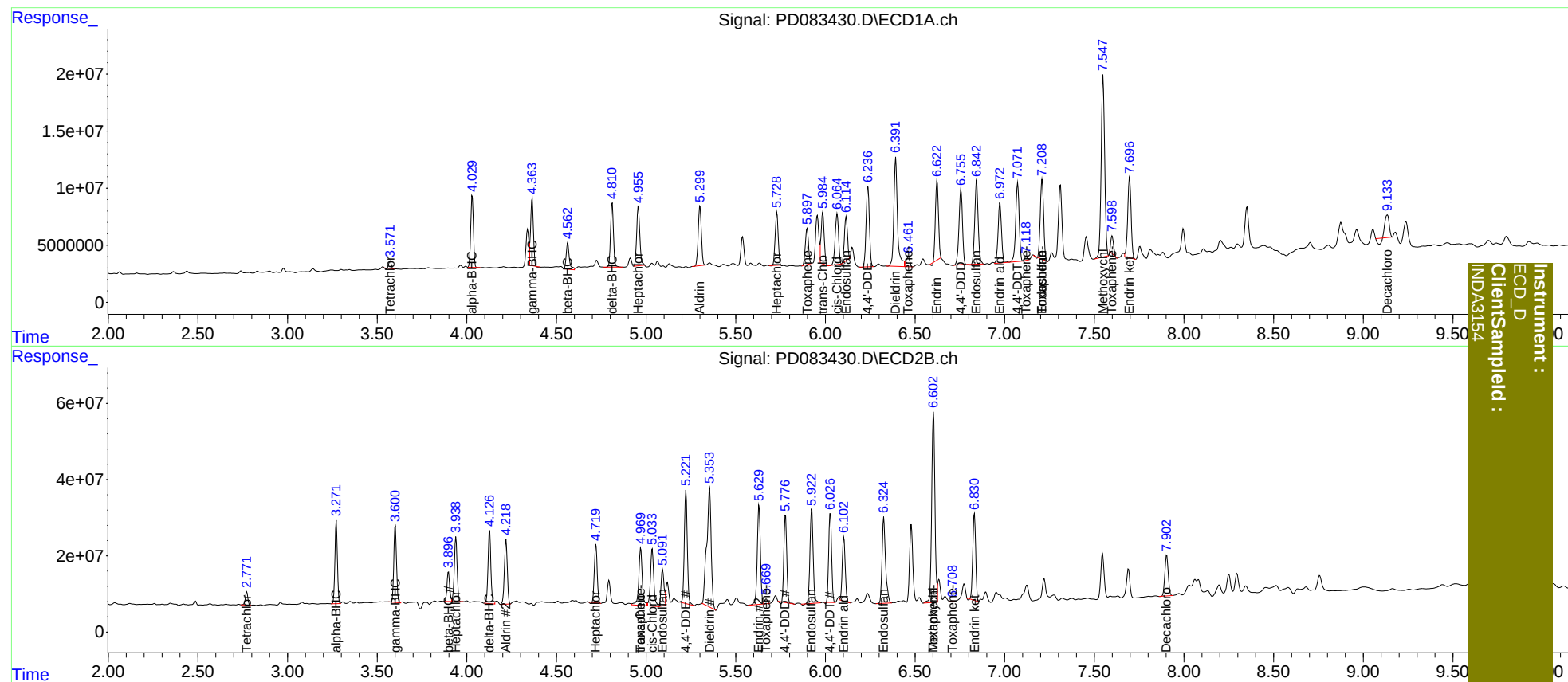
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.572 | 2.773 | 6406942  | 34315555 | 4.466    | 7.245 #    |
| 27)                         | SA Decachlor... | 9.134 | 7.904 | 27412917 | 140.4E6  | 13.415   | 28.144 #   |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.030 | 3.272 | 65684622 | 209.4E6  | 26.132   | 28.901     |
| 3)                          | MA gamma-BHC... | 4.365 | 3.601 | 64084408 | 211.6E6  | 26.357   | 31.173     |
| 4)                          | MA Heptachlor   | 4.957 | 3.939 | 62977365 | 184.2E6  | 24.942   | 27.340     |
| 5)                          | MB Aldrin       | 5.301 | 4.219 | 63727167 | 190.3E6  | 26.307   | 29.392     |
| 6)                          | B beta-BHC      | 4.563 | 3.898 | 27722003 | 80435857 | 25.863   | 27.326     |
| 7)                          | B delta-BHC     | 4.811 | 4.127 | 62944159 | 213.1E6  | 23.805   | 30.240 #   |
| 8)                          | B Heptachlo...  | 5.730 | 4.720 | 54234946 | 168.4E6  | 24.694   | 28.276     |
| 9)                          | A Endosulfan I  | 6.116 | 5.092 | 45267202 | 107.6E6  | 21.308   | 19.740     |
| 10)                         | B trans-Chl...  | 5.986 | 4.970 | 54102232 | 201.9E6  | 24.936   | 34.517 #   |
| 11)                         | B cis-Chlor...  | 6.066 | 5.034 | 58341693 | 192.6E6  | 26.297   | 32.307     |
| 12)                         | B 4,4'-DDE      | 6.237 | 5.223 | 90884732 | 341.8E6  | 40.924   | 59.817 #   |
| 13)                         | MA Dieldrin     | 6.392 | 5.354 | 133.5E6  | 540.5E6  | 59.050   | 89.104 #   |
| 14)                         | MA Endrin       | 6.623 | 5.630 | 82002343 | 317.4E6  | 44.059   | 59.200 #   |
| 15)                         | B Endosulfa...  | 6.844 | 5.924 | 96913512 | 305.1E6  | 49.829   | 60.901     |
| 16)                         | A 4,4'-DDD      | 6.756 | 5.777 | 88819828 | 255.8E6  | 55.284   | 55.205     |
| 17)                         | MA 4,4'-DDT     | 7.072 | 6.027 | 92613923 | 266.0E6  | 56.707   | 56.958     |
| 18)                         | B Endrin al...  | 6.974 | 6.103 | 70448545 | 192.6E6  | 48.809   | 50.235     |
| 19)                         | B Endosulfa...  | 7.209 | 6.326 | 89943348 | 304.5E6  | 49.231   | 62.586 #   |
| 20)                         | A Methoxychlor  | 7.549 | 6.603 | 216.3E6  | 627.1E6  | 235.284  | 256.541    |
| 21)                         | B Endrin ke...  | 7.697 | 6.831 | 93225937 | 257.1E6  | 48.544   | 48.195     |
| 22)                         | Toxaphene-1     | 5.898 | 4.970 | 38133276 | 201.9E6  | 5768.763 | 6819.118   |
| 23)                         | Toxaphene-2     | 6.463 | 5.670 | 13247285 | 13832703 | 725.676  | 415.097 #  |
| 24)                         | Toxaphene-3     | 7.120 | 6.603 | 3021716  | 627.1E6  | 57.528   | 5973.265 # |
| 25)                         | Toxaphene-4     | 7.209 | 6.709 | 89943348 | 875579   | 2278.807 | 5.879 #    |
| 26)                         | Toxaphene-5     | 7.600 | 7.053 | 16129037 | -5917825 | 581.714  | N.D. #     |
| -----                       |                 |       |       |          |          |          |            |

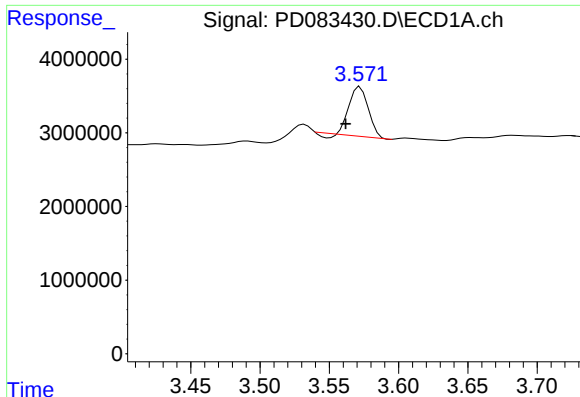
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060624\  
Data File : PD083430.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2024 15:26  
Operator : AR\AJ  
Sample : P2590-15MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 21:58:03 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060424CLP.M  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

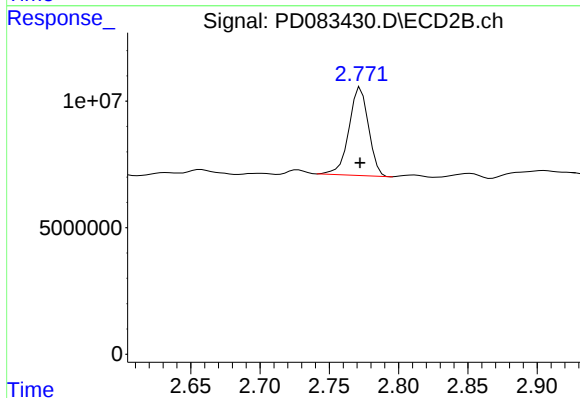




#1 Tetrachloro-m-xylene

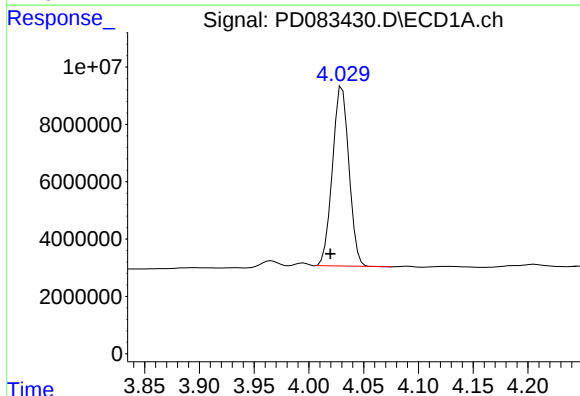
R.T.: 3.572 min  
Delta R.T.: 0.010 min  
Response: 6406942  
Conc: 4.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



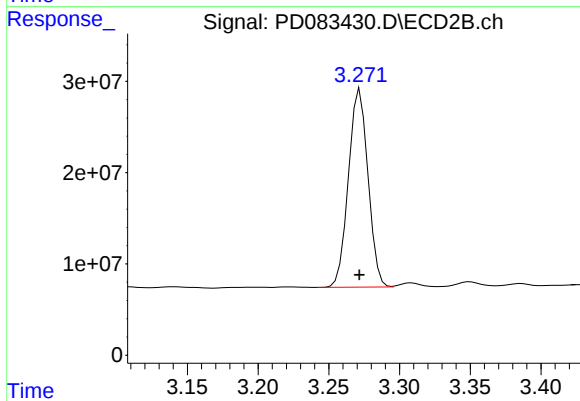
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: 0.000 min  
Response: 3431555  
Conc: 7.24 ng/ml



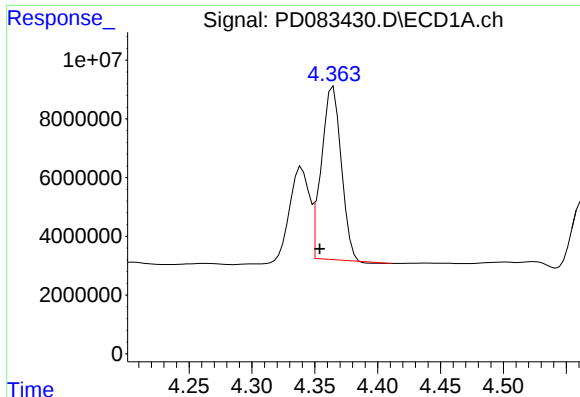
#2 alpha-BHC

R.T.: 4.030 min  
Delta R.T.: 0.011 min  
Response: 65684622  
Conc: 26.13 ng/ml



#2 alpha-BHC

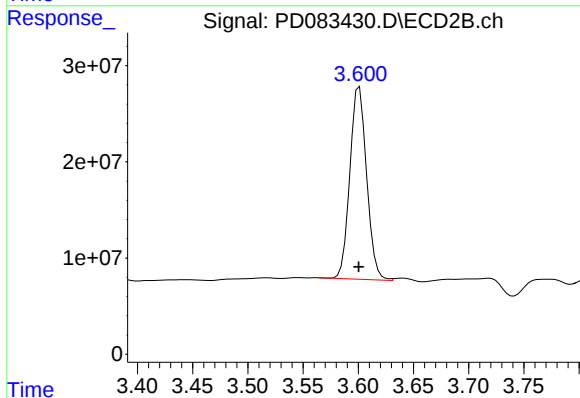
R.T.: 3.272 min  
Delta R.T.: 0.000 min  
Response: 209421357  
Conc: 28.90 ng/ml



#3 gamma-BHC (Lindane)

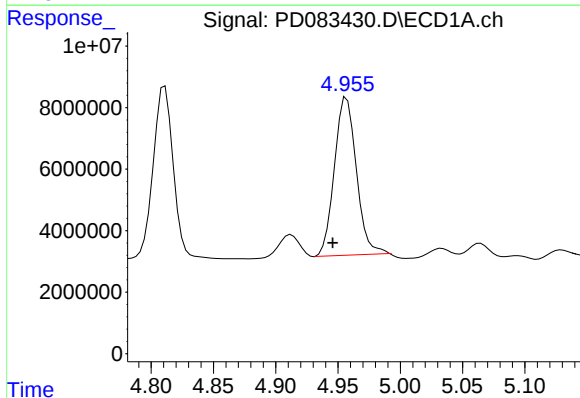
R.T.: 4.365 min  
Delta R.T.: 0.011 min  
Response: 64084408  
Conc: 26.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



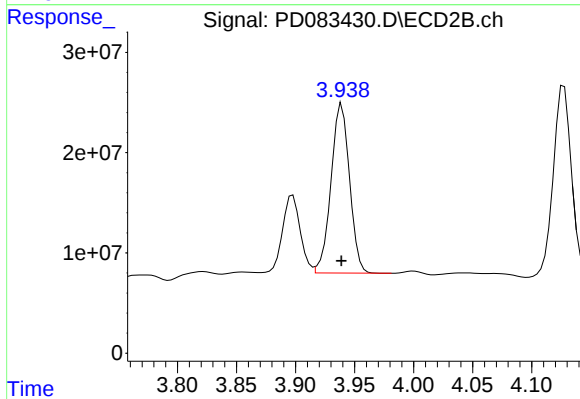
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: 0.000 min  
Response: 211573838  
Conc: 31.17 ng/ml



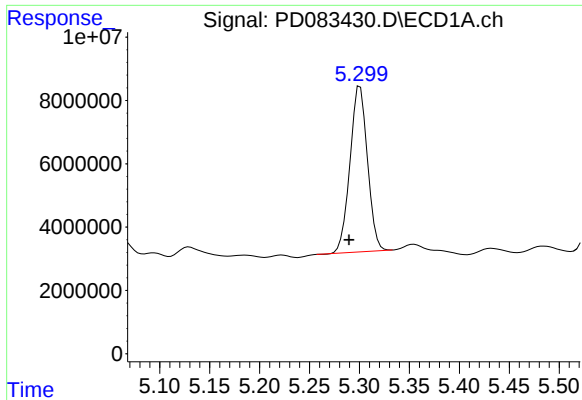
#4 Heptachlor

R.T.: 4.957 min  
Delta R.T.: 0.011 min  
Response: 62977365  
Conc: 24.94 ng/ml



#4 Heptachlor

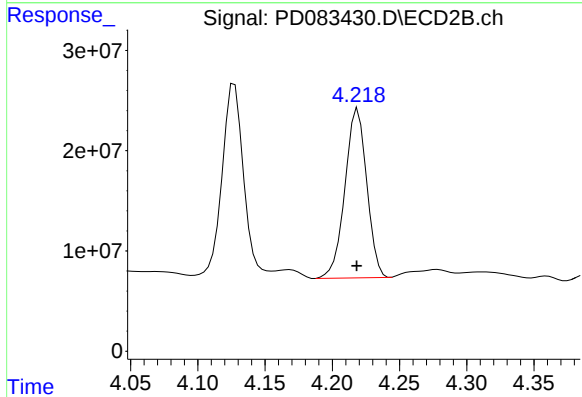
R.T.: 3.939 min  
Delta R.T.: 0.000 min  
Response: 184235938  
Conc: 27.34 ng/ml



#5 Aldrin

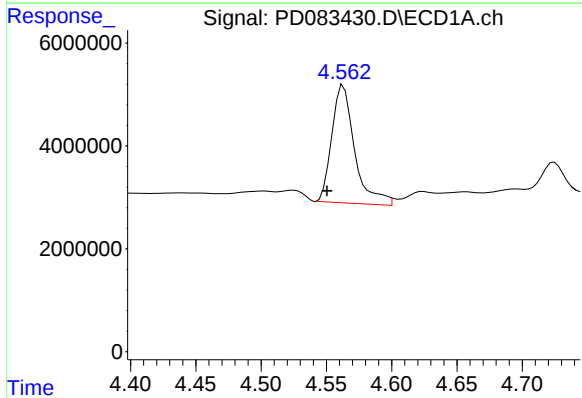
R.T.: 5.301 min  
Delta R.T.: 0.011 min  
Response: 63727167  
Conc: 26.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



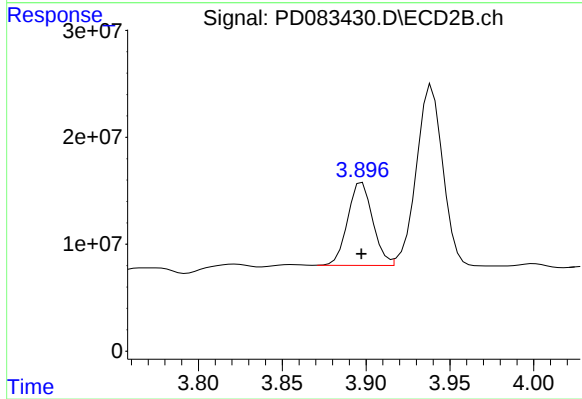
#5 Aldrin

R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 190309647  
Conc: 29.39 ng/ml



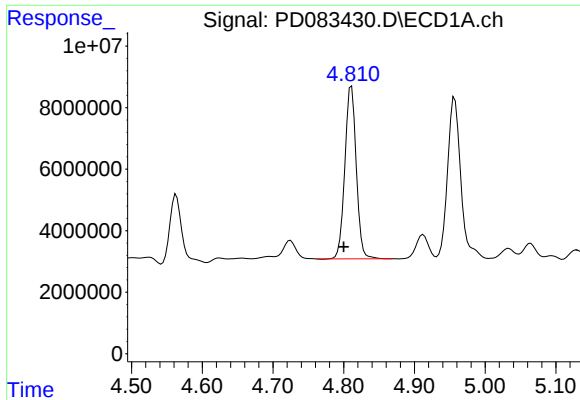
#6 beta-BHC

R.T.: 4.563 min  
Delta R.T.: 0.013 min  
Response: 27722003  
Conc: 25.86 ng/ml



#6 beta-BHC

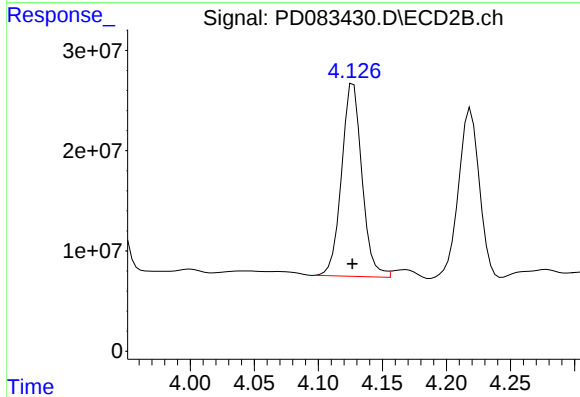
R.T.: 3.898 min  
Delta R.T.: 0.000 min  
Response: 80435857  
Conc: 27.33 ng/ml



#7 delta-BHC

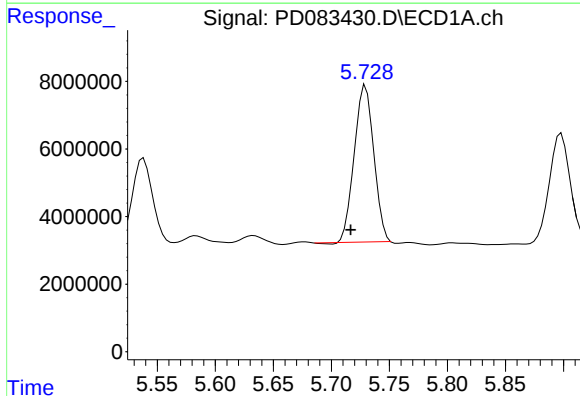
R.T.: 4.811 min  
Delta R.T.: 0.011 min  
Response: 62944159  
Conc: 23.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



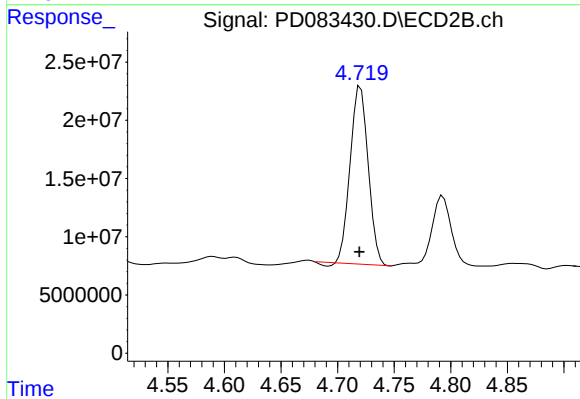
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.000 min  
Response: 213074767  
Conc: 30.24 ng/ml



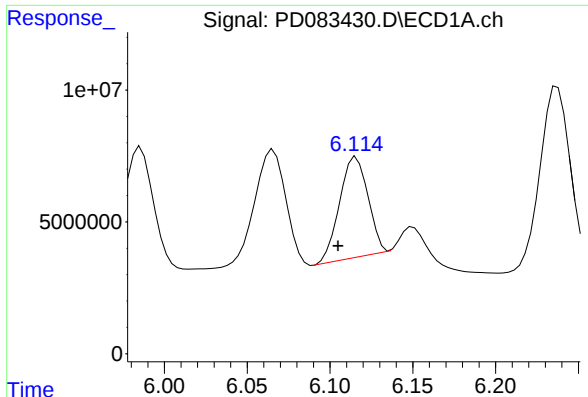
#8 Heptachlor epoxide

R.T.: 5.730 min  
Delta R.T.: 0.013 min  
Response: 54234946  
Conc: 24.69 ng/ml



#8 Heptachlor epoxide

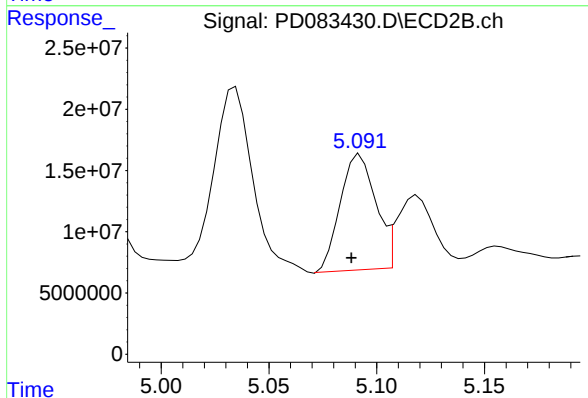
R.T.: 4.720 min  
Delta R.T.: 0.001 min  
Response: 168396139  
Conc: 28.28 ng/ml



#9 Endosulfan I

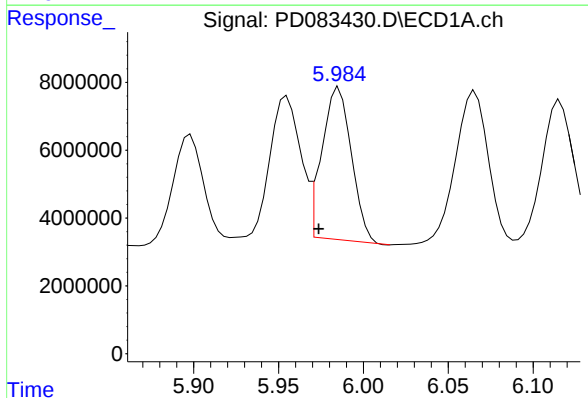
R.T.: 6.116 min  
Delta R.T.: 0.011 min  
Response: 45267202  
Conc: 21.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



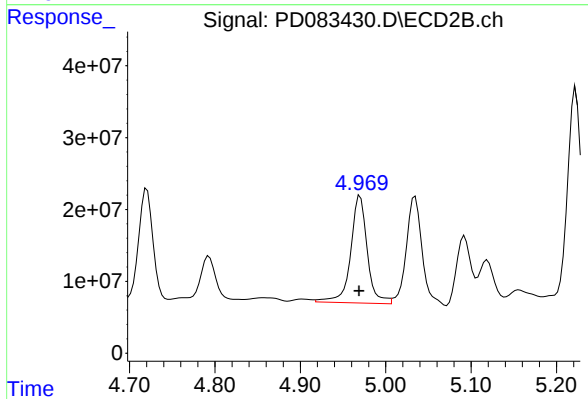
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: 0.004 min  
Response: 107613375  
Conc: 19.74 ng/ml



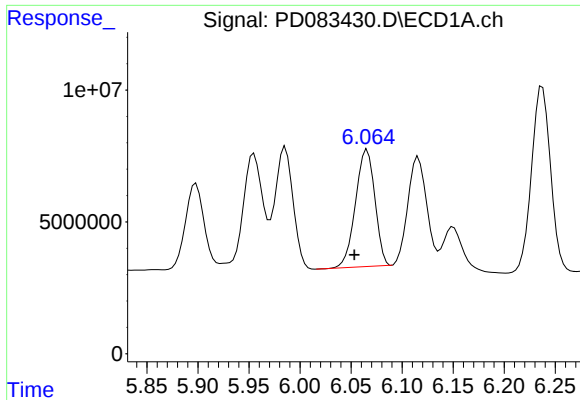
#10 trans-Chlordane

R.T.: 5.986 min  
Delta R.T.: 0.012 min  
Response: 54102232  
Conc: 24.94 ng/ml



#10 trans-Chlordane

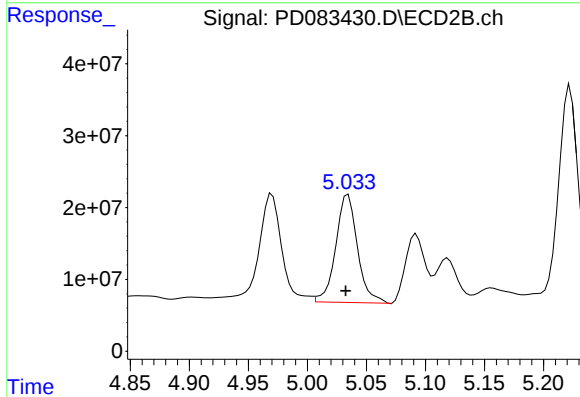
R.T.: 4.970 min  
Delta R.T.: 0.001 min  
Response: 201872777  
Conc: 34.52 ng/ml



#11 cis-Chlordane

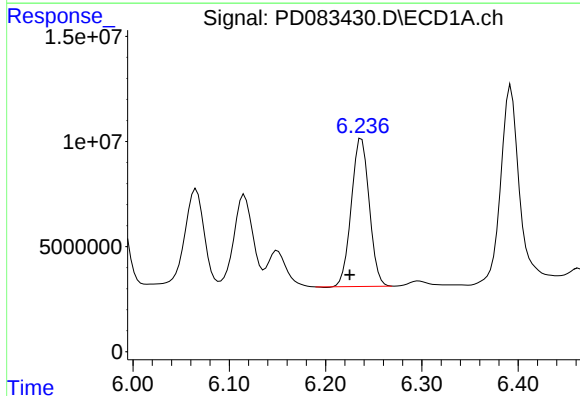
R.T.: 6.066 min  
Delta R.T.: 0.013 min  
Response: 58341693  
Conc: 26.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



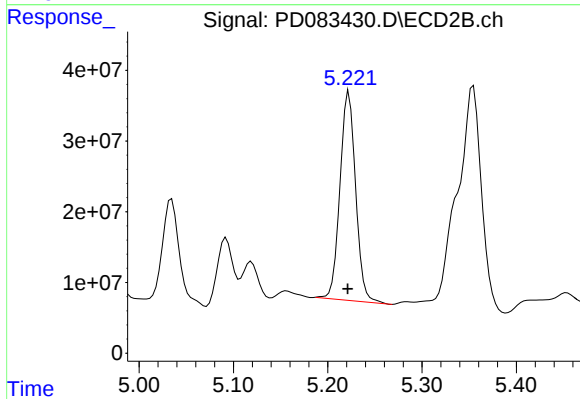
#11 cis-Chlordane

R.T.: 5.034 min  
Delta R.T.: 0.002 min  
Response: 192572220  
Conc: 32.31 ng/ml



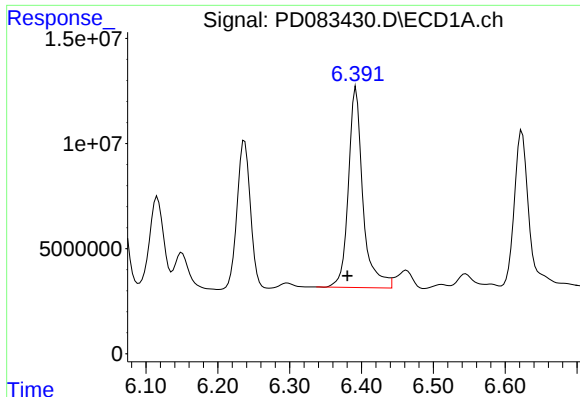
#12 4,4'-DDE

R.T.: 6.237 min  
Delta R.T.: 0.012 min  
Response: 90884732  
Conc: 40.92 ng/ml



#12 4,4'-DDE

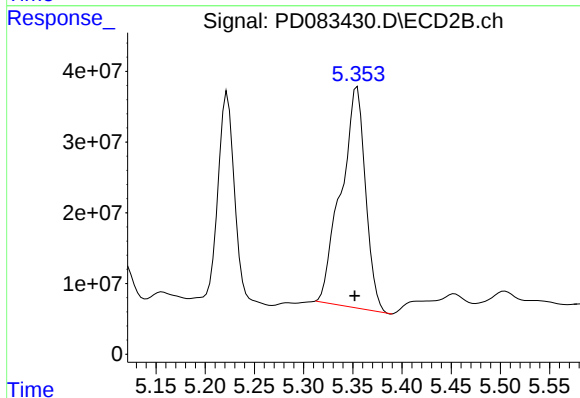
R.T.: 5.223 min  
Delta R.T.: 0.002 min  
Response: 341765256  
Conc: 59.82 ng/ml



#13 Dieldrin

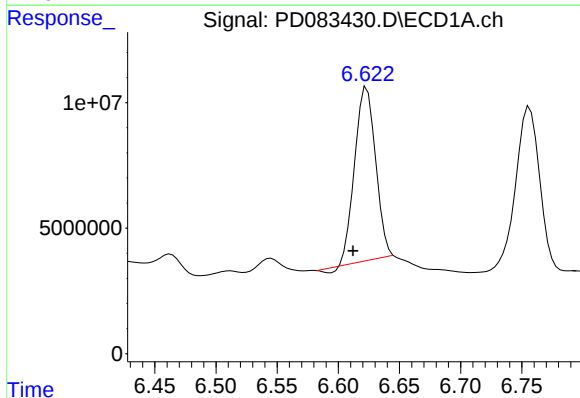
R.T.: 6.392 min  
Delta R.T.: 0.012 min  
Response: 133529337  
Conc: 59.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



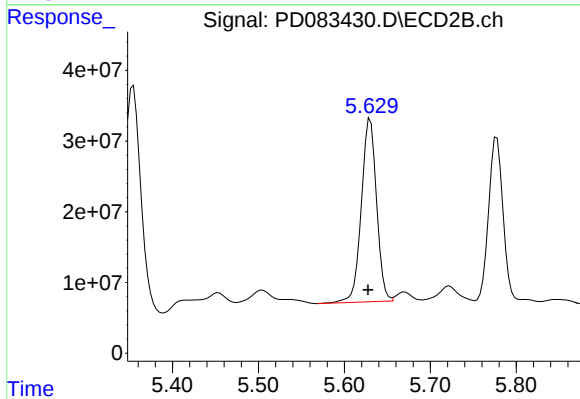
#13 Dieldrin

R.T.: 5.354 min  
Delta R.T.: 0.002 min  
Response: 540469033  
Conc: 89.10 ng/ml



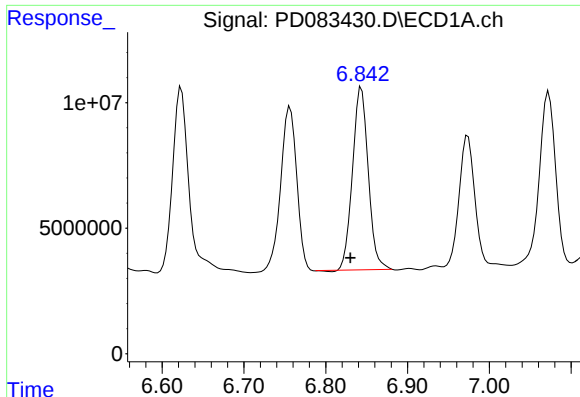
#14 Endrin

R.T.: 6.623 min  
Delta R.T.: 0.011 min  
Response: 82002343  
Conc: 44.06 ng/ml



#14 Endrin

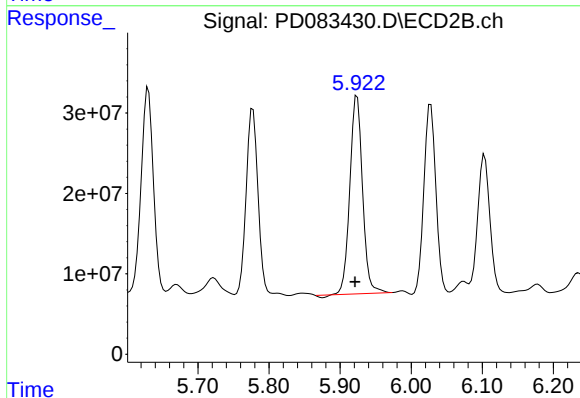
R.T.: 5.630 min  
Delta R.T.: 0.003 min  
Response: 317408162  
Conc: 59.20 ng/ml



#15 Endosulfan II

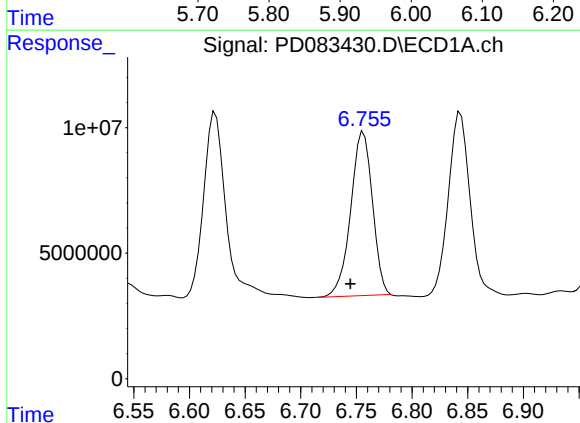
R.T.: 6.844 min  
Delta R.T.: 0.014 min  
Response: 96913512  
Conc: 49.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



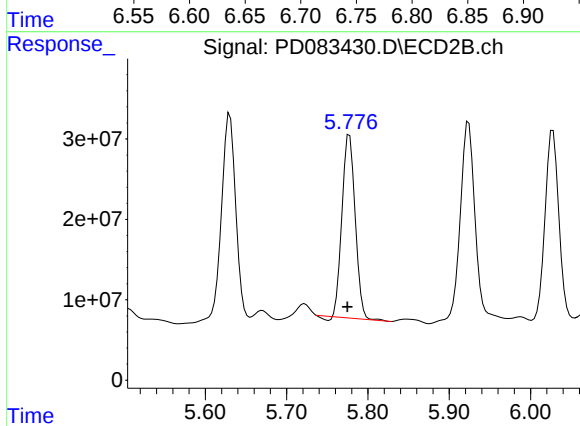
#15 Endosulfan II

R.T.: 5.924 min  
Delta R.T.: 0.003 min  
Response: 305086222  
Conc: 60.90 ng/ml



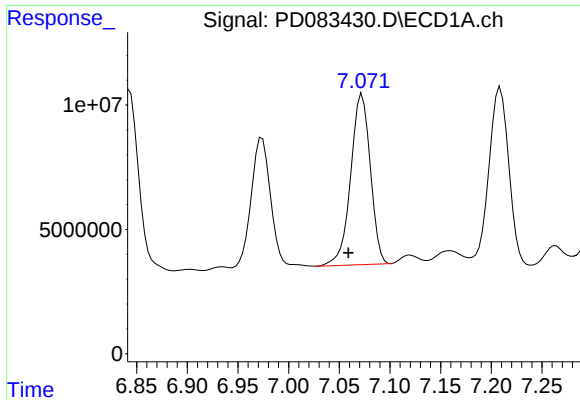
#16 4,4'-DDD

R.T.: 6.756 min  
Delta R.T.: 0.012 min  
Response: 88819828  
Conc: 55.28 ng/ml



#16 4,4'-DDD

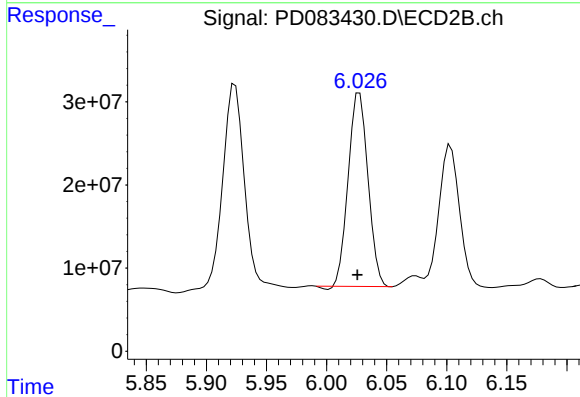
R.T.: 5.777 min  
Delta R.T.: 0.003 min  
Response: 255751613  
Conc: 55.20 ng/ml



#17 4,4'-DDT

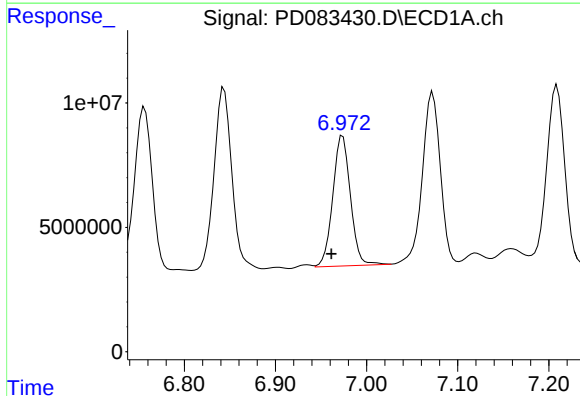
R.T.: 7.072 min  
Delta R.T.: 0.014 min  
Response: 92613923  
Conc: 56.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



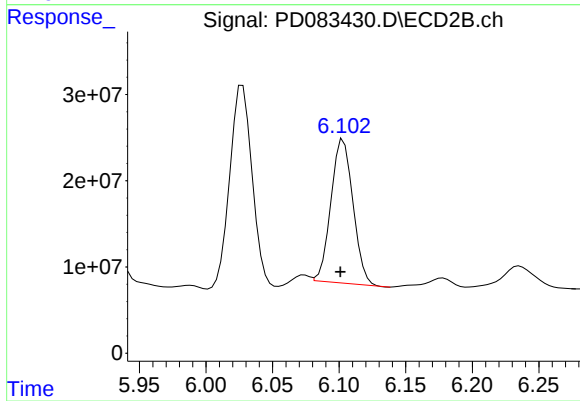
#17 4,4'-DDT

R.T.: 6.027 min  
Delta R.T.: 0.002 min  
Response: 265999502  
Conc: 56.96 ng/ml



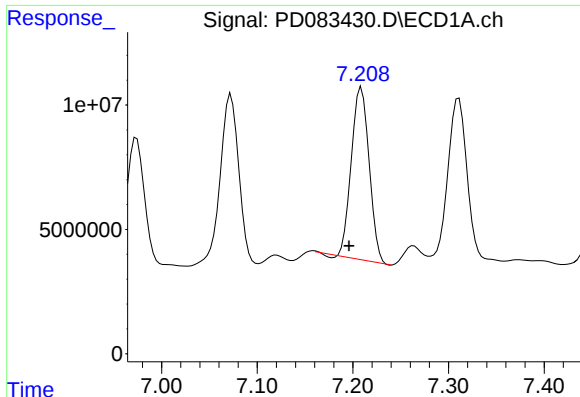
#18 Endrin aldehyde

R.T.: 6.974 min  
Delta R.T.: 0.013 min  
Response: 70448545  
Conc: 48.81 ng/ml



#18 Endrin aldehyde

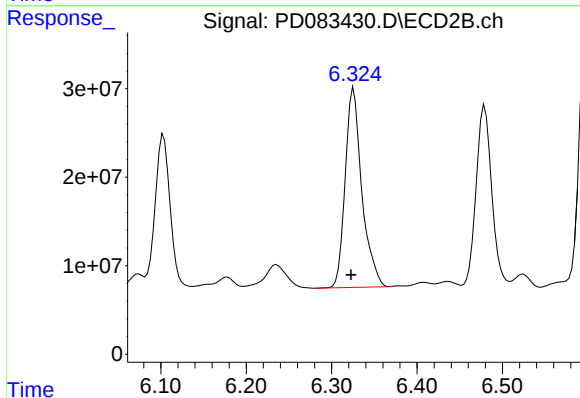
R.T.: 6.103 min  
Delta R.T.: 0.002 min  
Response: 192611102  
Conc: 50.23 ng/ml



#19 Endosulfan Sulfate

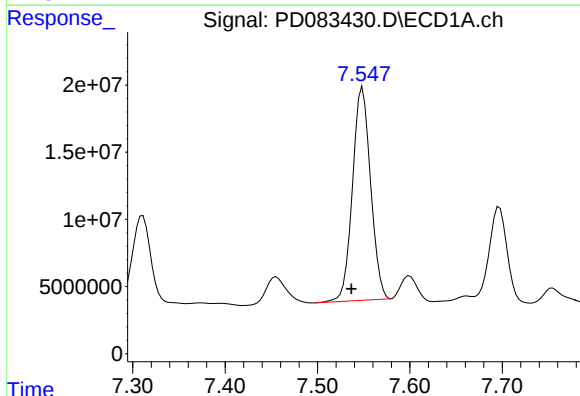
R.T.: 7.209 min  
Delta R.T.: 0.013 min  
Response: 89943348  
Conc: 49.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



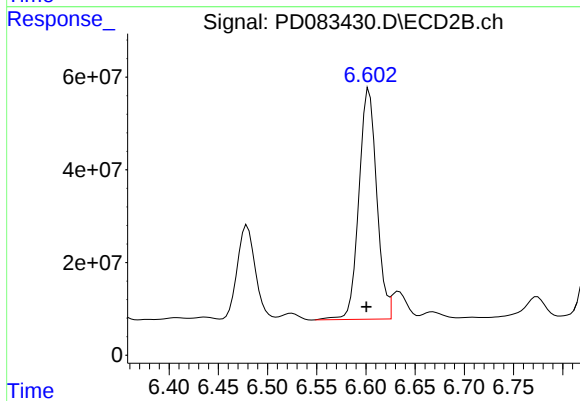
#19 Endosulfan Sulfate

R.T.: 6.326 min  
Delta R.T.: 0.003 min  
Response: 304456286  
Conc: 62.59 ng/ml



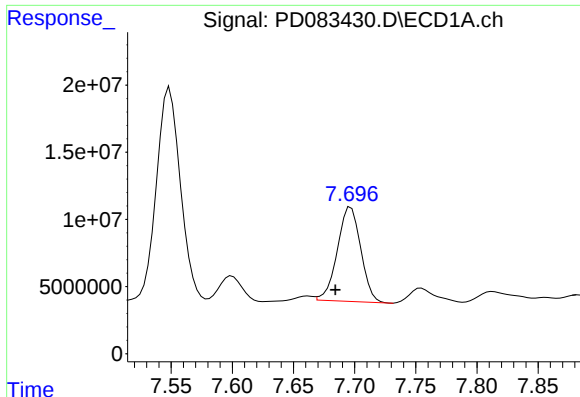
#20 Methoxychlor

R.T.: 7.549 min  
Delta R.T.: 0.012 min  
Response: 216295025  
Conc: 235.28 ng/ml



#20 Methoxychlor

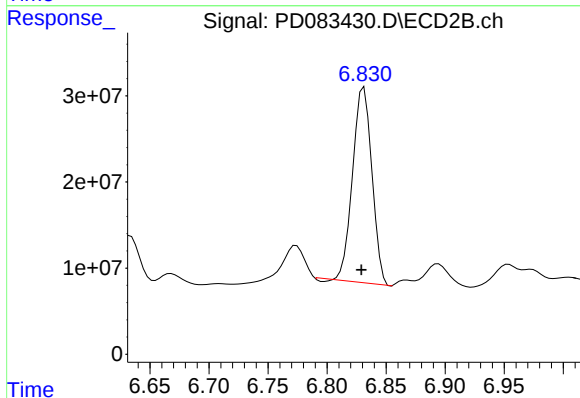
R.T.: 6.603 min  
Delta R.T.: 0.003 min  
Response: 627132721  
Conc: 256.54 ng/ml



#21 Endrin ketone

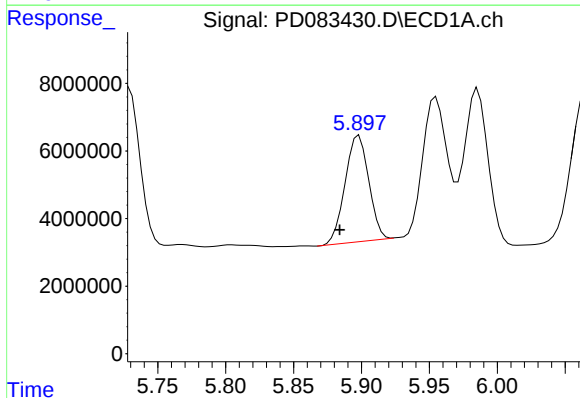
R.T.: 7.697 min  
Delta R.T.: 0.013 min  
Response: 93225937  
Conc: 48.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



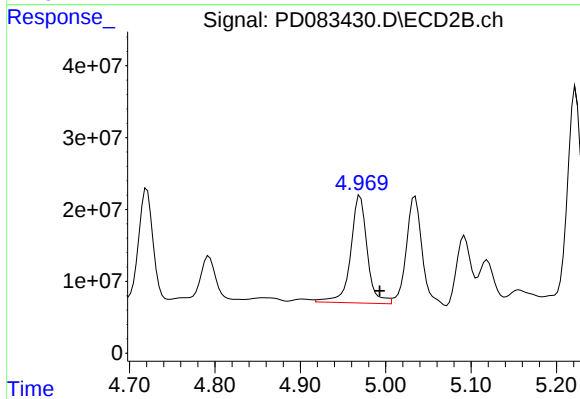
#21 Endrin ketone

R.T.: 6.831 min  
Delta R.T.: 0.002 min  
Response: 257114849  
Conc: 48.19 ng/ml



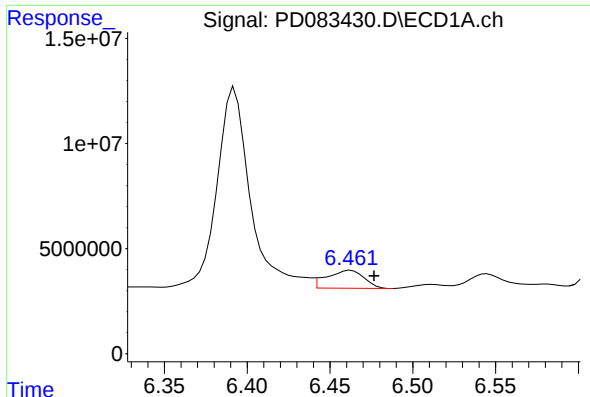
#22 Toxaphene-1

R.T.: 5.898 min  
Delta R.T.: 0.014 min  
Response: 38133276  
Conc: 5768.76 ng/ml



#22 Toxaphene-1

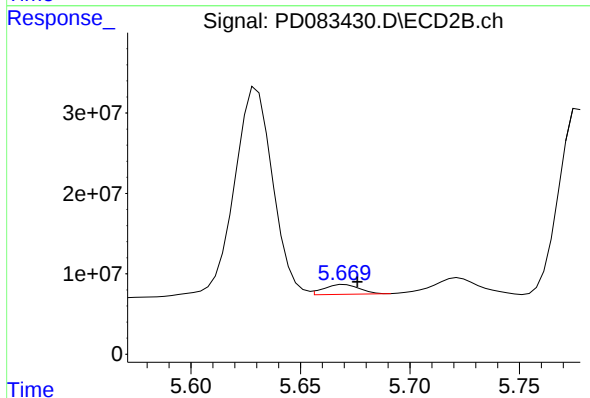
R.T.: 4.970 min  
Delta R.T.: -0.023 min  
Response: 201872777  
Conc: 6819.12 ng/ml



#23 Toxaphene-2

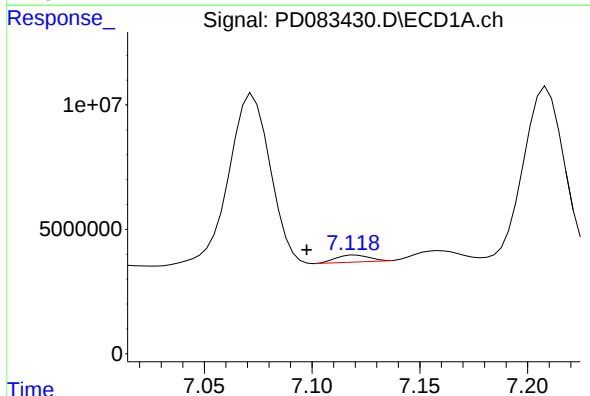
R.T.: 6.463 min  
Delta R.T.: -0.014 min  
Response: 13247285  
Conc: 725.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



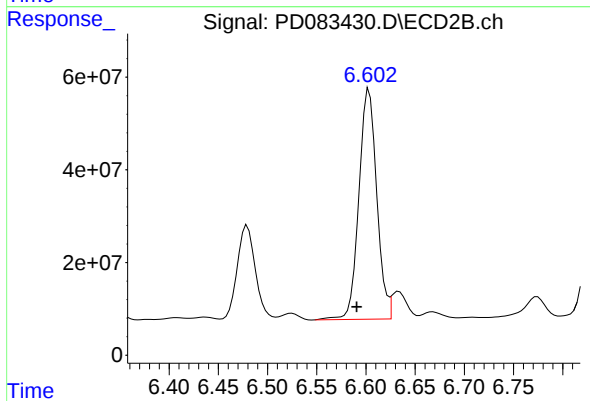
#23 Toxaphene-2

R.T.: 5.670 min  
Delta R.T.: -0.006 min  
Response: 13832703  
Conc: 415.10 ng/ml



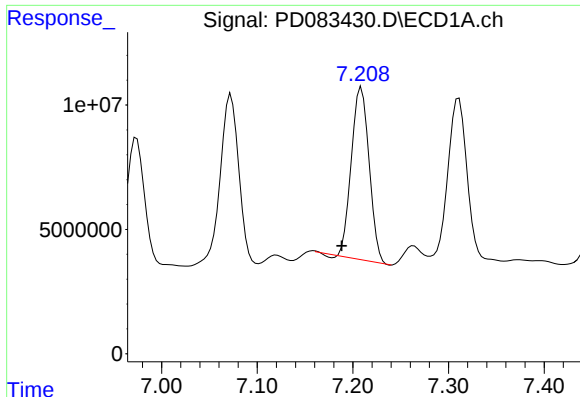
#24 Toxaphene-3

R.T.: 7.120 min  
Delta R.T.: 0.023 min  
Response: 3021716  
Conc: 57.53 ng/ml



#24 Toxaphene-3

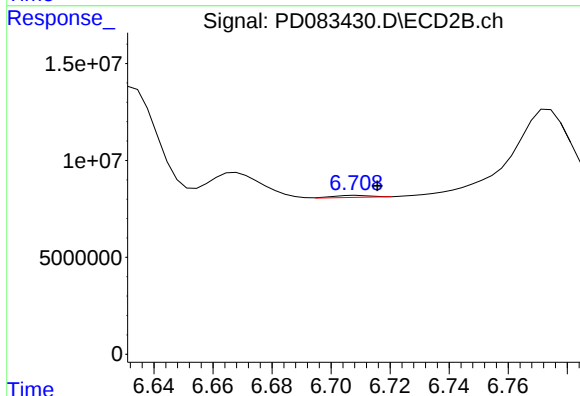
R.T.: 6.603 min  
Delta R.T.: 0.013 min  
Response: 627132721  
Conc: 5973.27 ng/ml



#25 Toxaphene-4

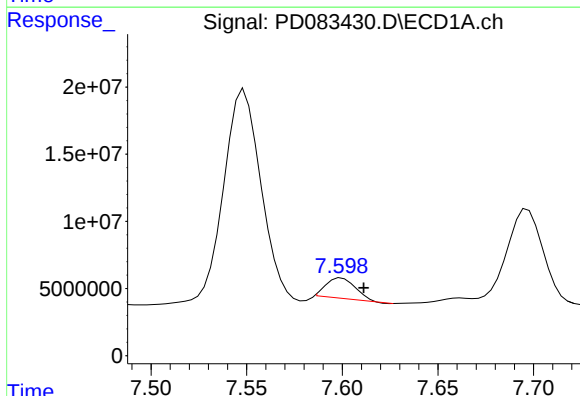
R.T.: 7.209 min  
Delta R.T.: 0.020 min  
Response: 89943348  
Conc: 2278.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



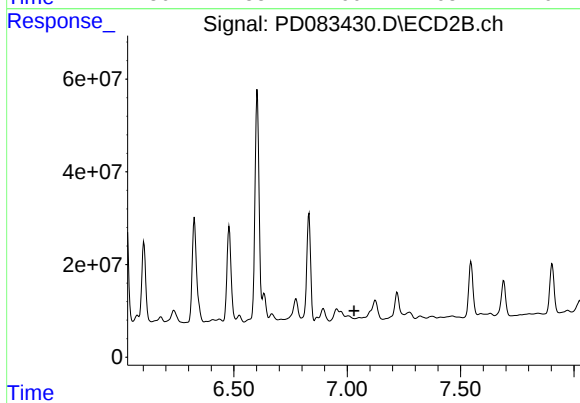
#25 Toxaphene-4

R.T.: 6.709 min  
Delta R.T.: -0.007 min  
Response: 875579  
Conc: 5.88 ng/ml



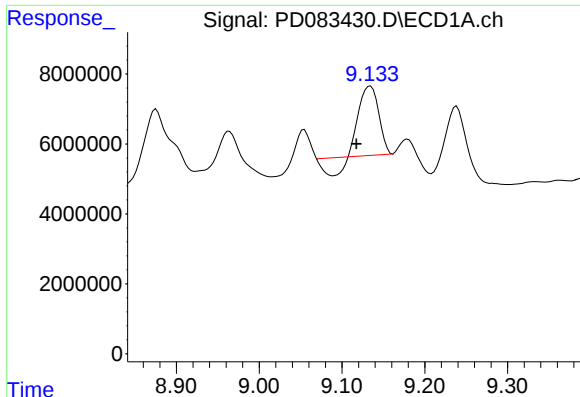
#26 Toxaphene-5

R.T.: 7.600 min  
Delta R.T.: -0.012 min  
Response: 16129037  
Conc: 581.71 ng/ml



#26 Toxaphene-5

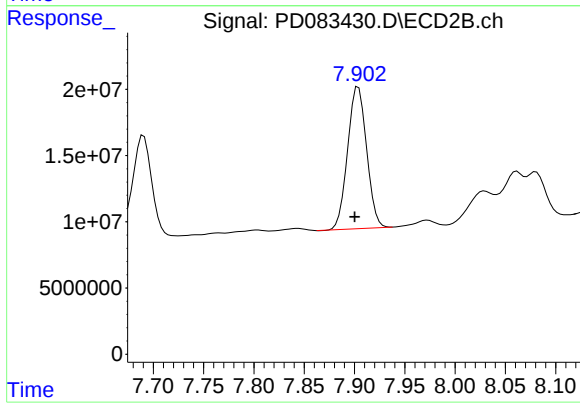
R.T.: 7.053 min  
Delta R.T.: 0.024 min  
Response: -5917825  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.134 min  
Delta R.T.: 0.017 min  
Response: 27412917  
Conc: 13.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA3154



#27 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: 0.004 min  
Response: 140365829  
Conc: 28.14 ng/ml