

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042823\  
 Data File : PD075051.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2023 01:20  
 Operator : AR\AJ  
 Sample : 02419-28  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 29 08:50:52 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042723CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 28 02:34:46 2023  
 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

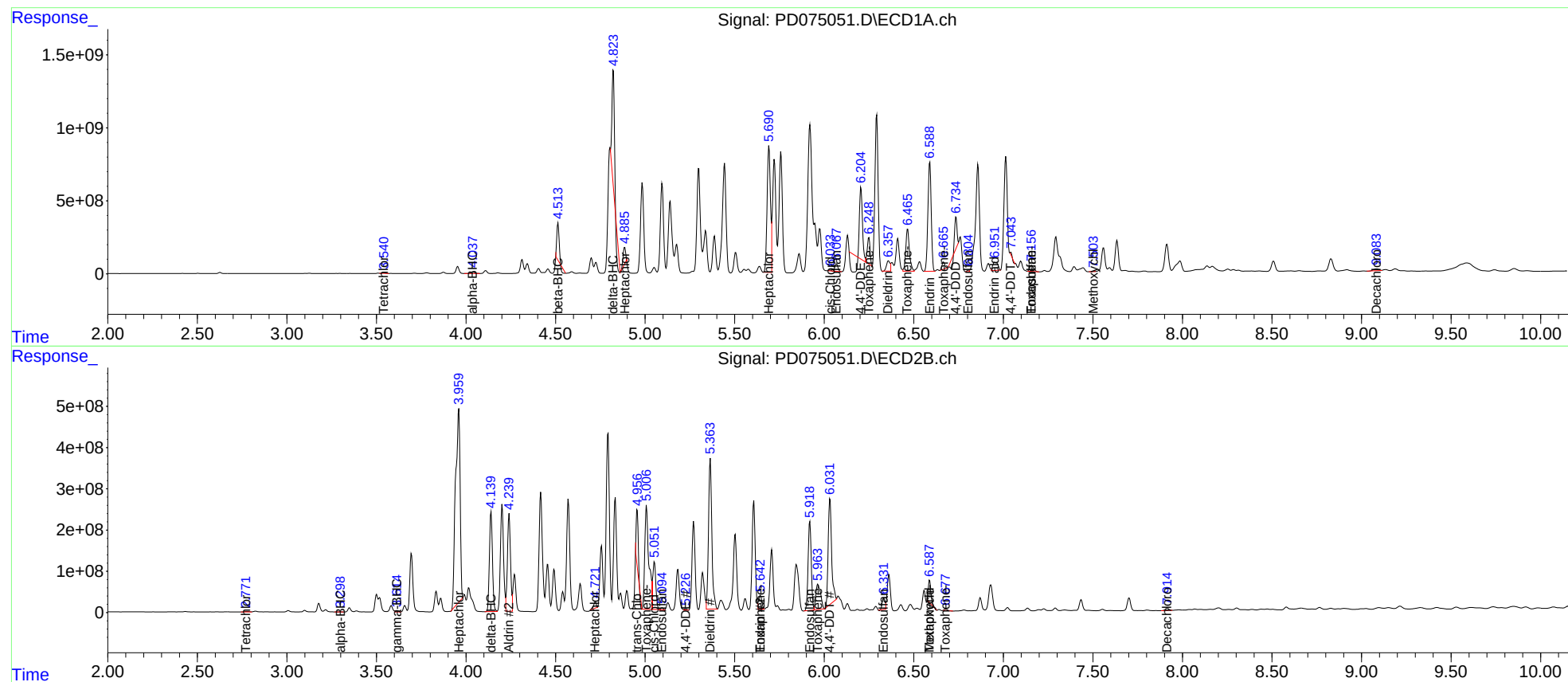
|                             | Compound        | RT#1   | RT#2   | Resp#1      | Resp#2    | ng/ml      | ng/ml        |
|-----------------------------|-----------------|--------|--------|-------------|-----------|------------|--------------|
| -----                       |                 |        |        |             |           |            |              |
| System Monitoring Compounds |                 |        |        |             |           |            |              |
| 1)                          | SA Tetrachlo... | 3.542  | 2.772  | 55074335    | 18228784  | 24.655     | 17.584 #     |
| 27)                         | SA Decachlor... | 9.084  | 7.916  | 241.1E6     | 77827623  | 100.951    | 81.019       |
| Target Compounds            |                 |        |        |             |           |            |              |
| 2)                          | A alpha-BHC     | 4.039f | 3.300f | 156.4E6     | 1397412   | 42.613     | 0.970 #      |
| 4)                          | MA Heptachlor   | 4.886f | 3.960  | 394.6E6     | 8304.9E6  | 113.901    | 5954.415 #   |
| 5)                          | MB Aldrin       | 5.266  | 4.241  | -5907698    | 2805.1E6  | N.D.       | 2133.214     |
| 6)                          | B beta-BHC      | 4.514  | 3.910  | 2041.0E6    | -6745202  | 1384.613   | N.D. #       |
| 7)                          | B delta-BHC     | 4.823f | 4.140  | 2628.4E6    | 2841.8E6  | 878.119    | 2020.206 #   |
| 8)                          | B Heptachlo...  | 5.692  | 4.722  | 11034.5E6   | 151.7E6   | 3674.258   | 123.546 #    |
| 9)                          | A Endosulfan I  | 6.069  | 5.095  | 604.1E6     | 41786974  | 207.448    | 36.624 #     |
| 10)                         | B trans-Chl...  | 5.976  | 4.956  | -1603051696 | 1045.6E6  | N.D.       | 863.113      |
| 11)                         | B cis-Chlor...  | 6.034  | 5.052  | 53796262    | 1399.3E6  | 17.258     | 1130.177 #   |
| 12)                         | B 4,4'-DDE      | 6.205  | 5.228  | 3421.8E6    | 27426060  | 1164.943   | 24.246 #     |
| 13)                         | MA Dieldrin     | 6.359  | 5.364  | 929.2E6     | 4748.0E6  | 292.354    | 3782.594 #   |
| 14)                         | MA Endrin       | 6.590  | 5.643  | 9616.2E6    | 416.1E6   | 3549.598   | 376.465 #    |
| 15)                         | B Endosulfa...  | 6.806  | 5.920  | 83139786    | 2625.6E6  | 28.704     | 2406.970 #   |
| 16)                         | A 4,4'-DDD      | 6.736  | 5.770  | 1572.5E6    | -17193869 | 650.283    | N.D. #       |
| 17)                         | MA 4,4'-DDT     | 7.042  | 6.032  | 87676949    | 3431.0E6  | 34.895     | 3458.639 #   |
| 18)                         | B Endrin al...  | 6.952  | 6.130  | 1122.9E6    | -7829540  | 501.677    | N.D. #       |
| 19)                         | B Endosulfa...  | 7.157  | 6.332  | 666.7E6     | 278.0E6   | 255.708    | 270.346      |
| 20)                         | A Methoxychlor  | 7.505  | 6.588  | 10789003    | 559.8E6   | 7.484      | 1013.439 #   |
| 22)                         | Toxaphene-1     | 6.249  | 5.008  | 1970.1E6    | 3996.9E6  | 88224.201  | 605337.937 # |
| 23)                         | Toxaphene-2     | 6.466  | 5.643f | 4118.0E6    | 416.1E6   | 148629.737 | 56924.174 #  |
| 24)                         | Toxaphene-3     | 6.666  | 5.964  | 549.5E6     | 1096.1E6  | 28744.757  | 130642.775 # |
| 25)                         | Toxaphene-4     | 7.157  | 6.588  | 666.7E6     | 559.8E6   | 10947.464  | 22811.219 #  |
| -----                       |                 |        |        |             |           |            |              |

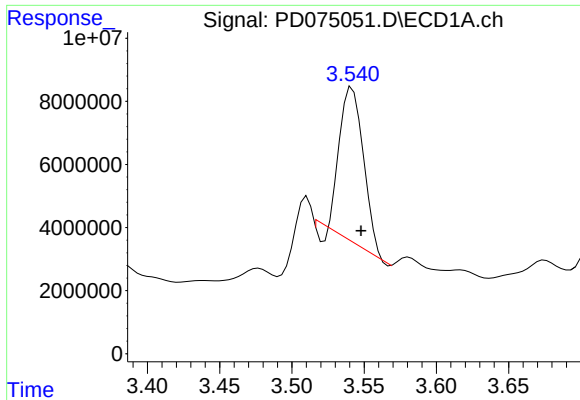
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042823\  
Data File : PD075051.D  
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Acq On : 29 Apr 2023 01:20  
Operator : AR\AJ  
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Misc :  
ALS Vial : 28 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042723CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 28 02:34:46 2023  
Response via : Initial Calibration  
Integrator: ChemStation

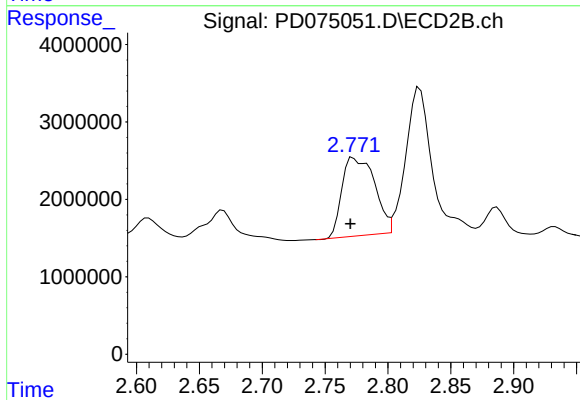
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





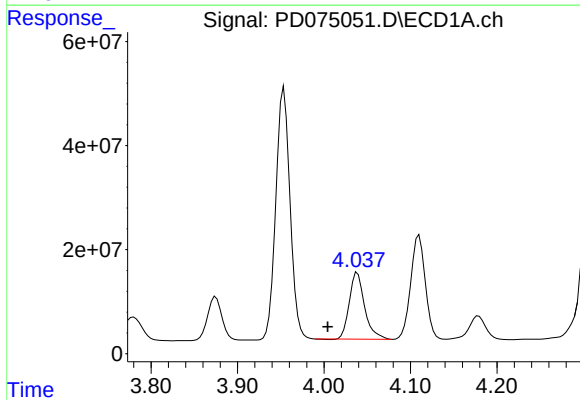
#1 Tetrachloro-m-xylene

R.T.: 3.542 min  
Delta R.T.: -0.006 min  
Response: 55074335  
Conc: 24.66 ng/ml



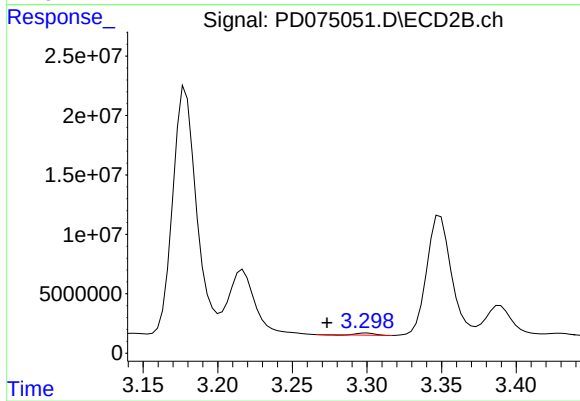
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: 0.002 min  
Response: 18228784  
Conc: 17.58 ng/ml



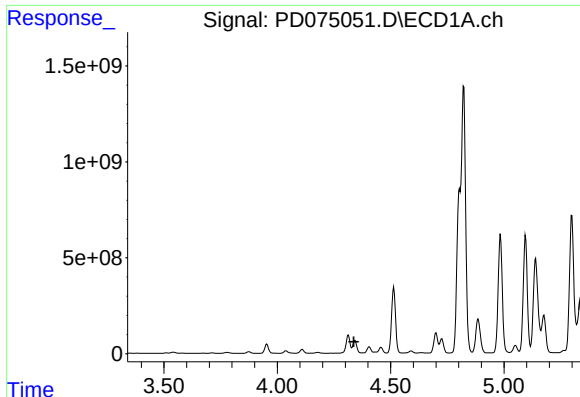
#2 alpha-BHC

R.T.: 4.039 min  
Delta R.T.: 0.034 min  
Response: 156385341  
Conc: 42.61 ng/ml



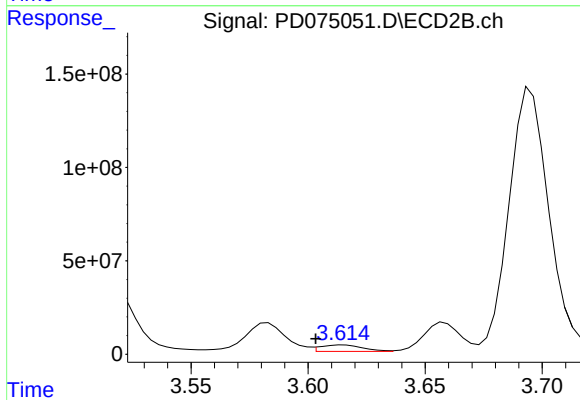
#2 alpha-BHC

R.T.: 3.300 min  
Delta R.T.: 0.027 min  
Response: 1397412  
Conc: 0.97 ng/ml



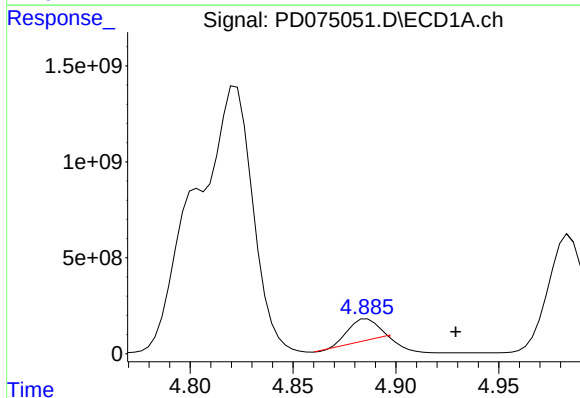
#3 gamma-BHC (Lindane)

R.T.: 4.343 min  
Delta R.T.: 0.005 min  
Response: -243375737  
Conc: N.D.



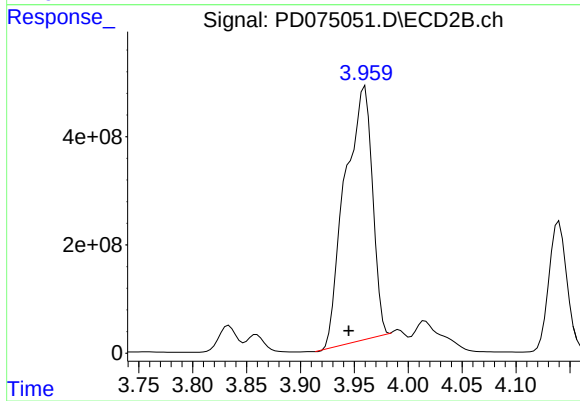
#3 gamma-BHC (Lindane)

R.T.: 3.615 min  
Delta R.T.: 0.012 min  
Response: 43172854  
Conc: 31.03 ng/ml



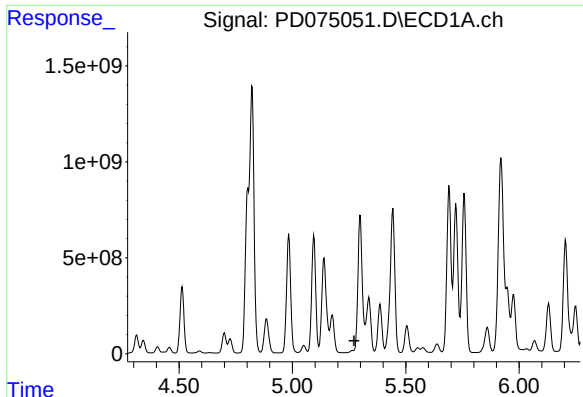
#4 Heptachlor

R.T.: 4.886 min  
Delta R.T.: -0.043 min  
Response: 394579051  
Conc: 113.90 ng/ml



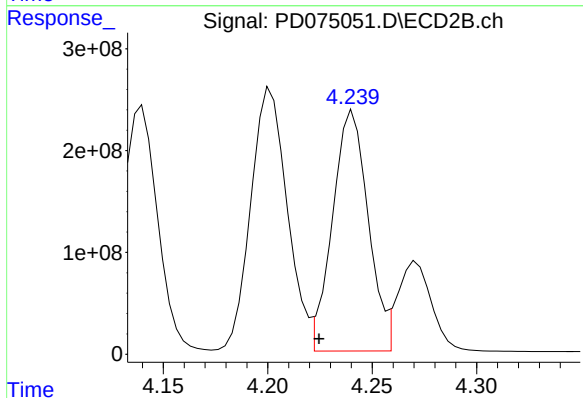
#4 Heptachlor

R.T.: 3.960 min  
Delta R.T.: 0.015 min  
Response: 8304936666  
Conc: 5954.41 ng/ml



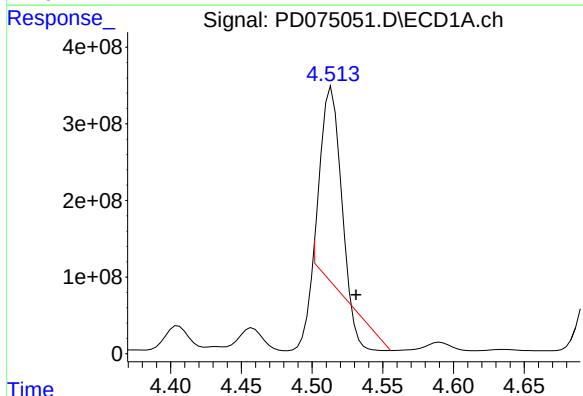
#5 Aldrin

R.T.: 5.266 min  
Delta R.T.: -0.007 min  
Response: -5907698  
Conc: N.D.



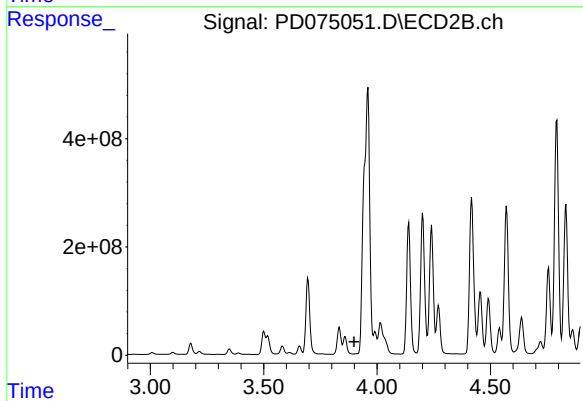
#5 Aldrin

R.T.: 4.241 min  
Delta R.T.: 0.016 min  
Response: 2805127443  
Conc: 2133.21 ng/ml



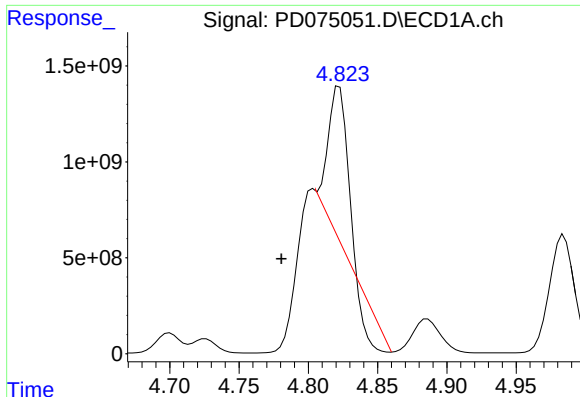
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: -0.017 min  
Response: 2040977996  
Conc: 1384.61 ng/ml



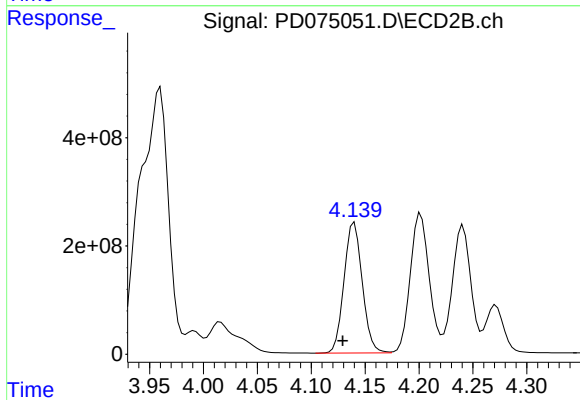
#6 beta-BHC

R.T.: 3.910 min  
Delta R.T.: 0.011 min  
Response: -6745202  
Conc: N.D.



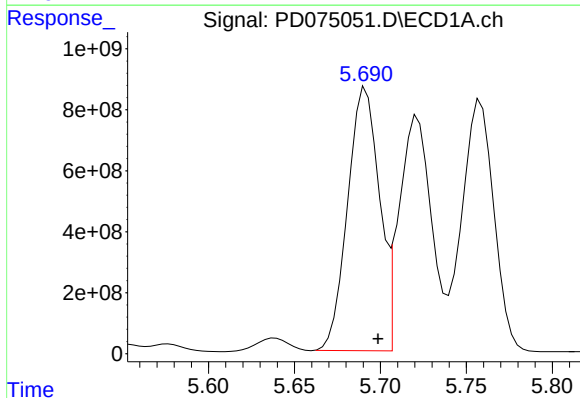
#7 delta-BHC

R.T.: 4.823 min  
Delta R.T.: 0.043 min  
Response: 2628420423  
Conc: 878.12 ng/ml



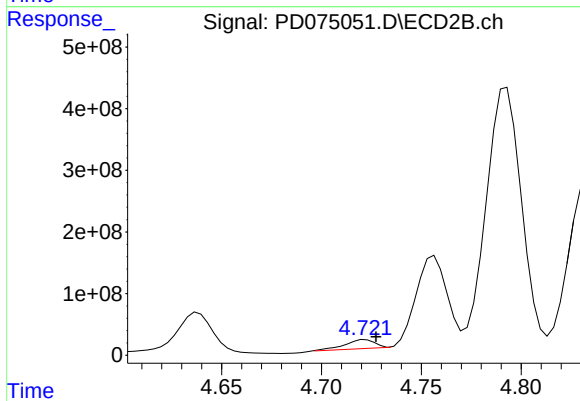
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.011 min  
Response: 2841793713  
Conc: 2020.21 ng/ml



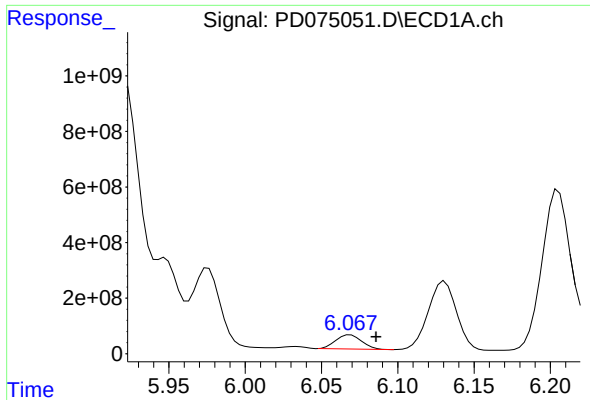
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: -0.007 min  
Response: 11034519494  
Conc: 3674.26 ng/ml



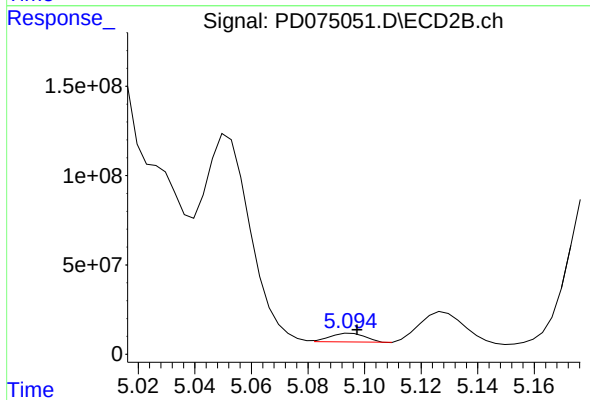
#8 Heptachlor epoxide

R.T.: 4.722 min  
Delta R.T.: -0.005 min  
Response: 151689005  
Conc: 123.55 ng/ml



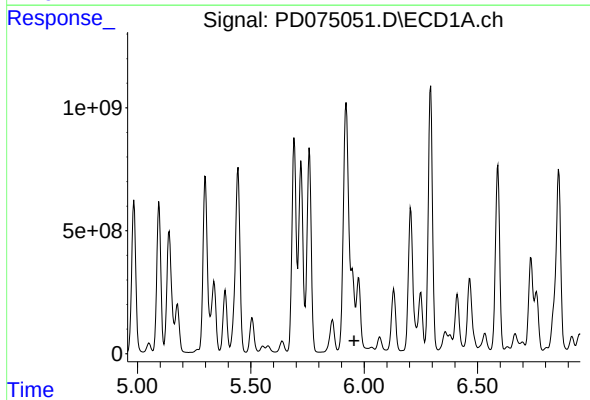
#9 Endosulfan I

R.T.: 6.069 min  
Delta R.T.: -0.017 min  
Response: 604091492  
Conc: 207.45 ng/ml



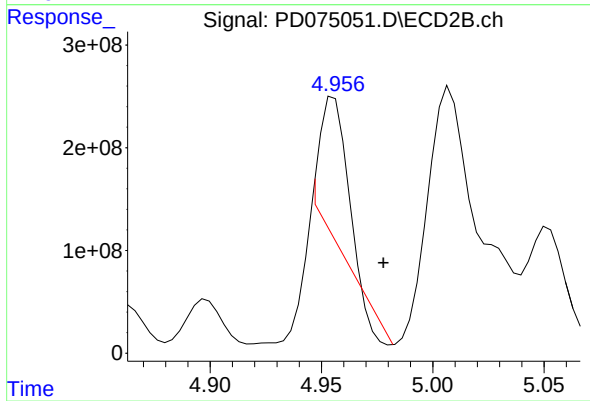
#9 Endosulfan I

R.T.: 5.095 min  
Delta R.T.: -0.002 min  
Response: 41786974  
Conc: 36.62 ng/ml



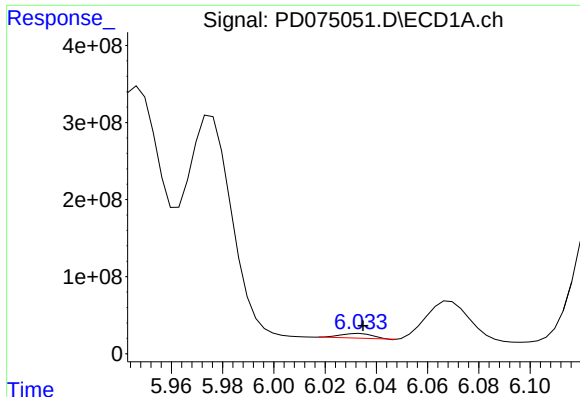
#10 trans-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.020 min  
Response: -1603051696  
Conc: N.D.



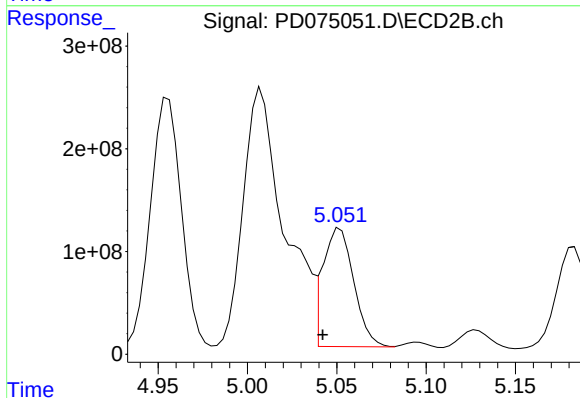
#10 trans-Chlordane

R.T.: 4.956 min  
Delta R.T.: -0.022 min  
Response: 1045611632  
Conc: 863.11 ng/ml



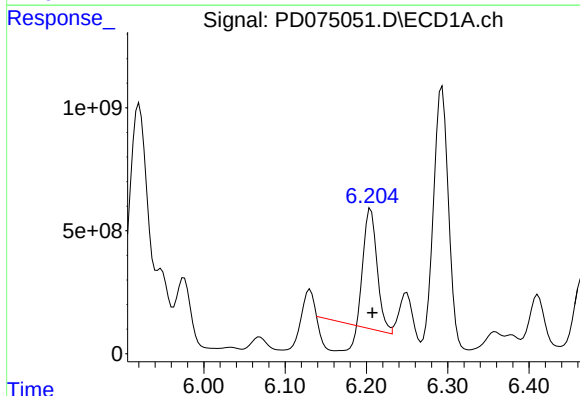
#11 cis-Chlordane

R.T.: 6.034 min  
Delta R.T.: -0.001 min  
Response: 53796262  
Conc: 17.26 ng/ml



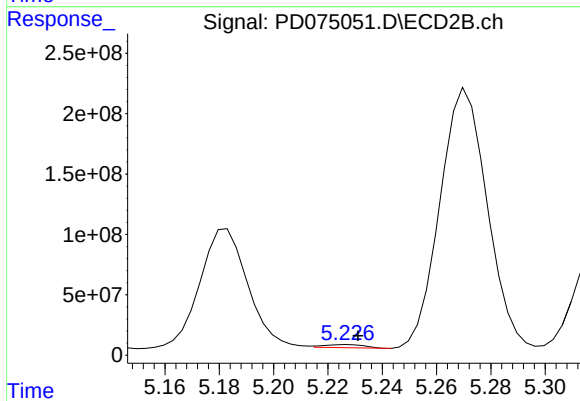
#11 cis-Chlordane

R.T.: 5.052 min  
Delta R.T.: 0.010 min  
Response: 1399343115  
Conc: 1130.18 ng/ml



#12 4,4'-DDE

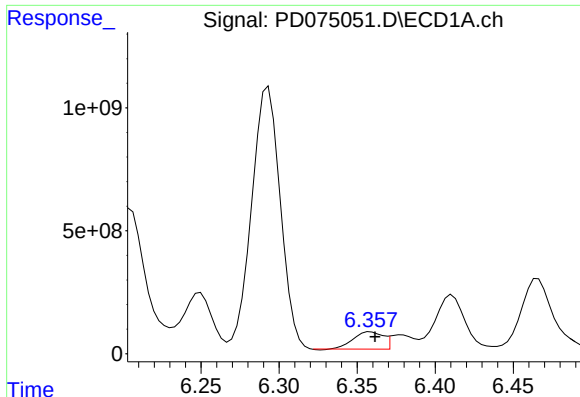
R.T.: 6.205 min  
Delta R.T.: -0.002 min  
Response: 3421847710  
Conc: 1164.94 ng/ml



#12 4,4'-DDE

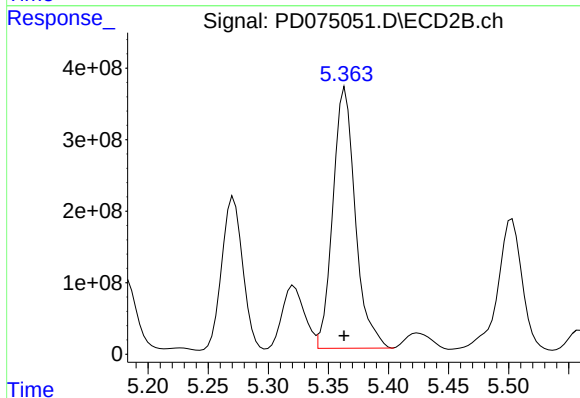
R.T.: 5.228 min  
Delta R.T.: -0.003 min  
Response: 27426060  
Conc: 24.25 ng/ml





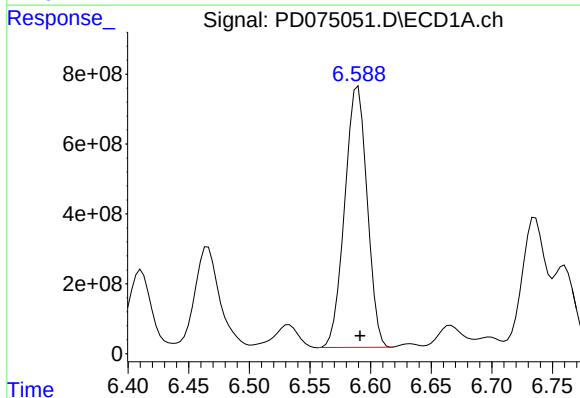
#13 Dieldrin

R.T.: 6.359 min  
Delta R.T.: -0.003 min  
Response: 929244729  
Conc: 292.35 ng/ml



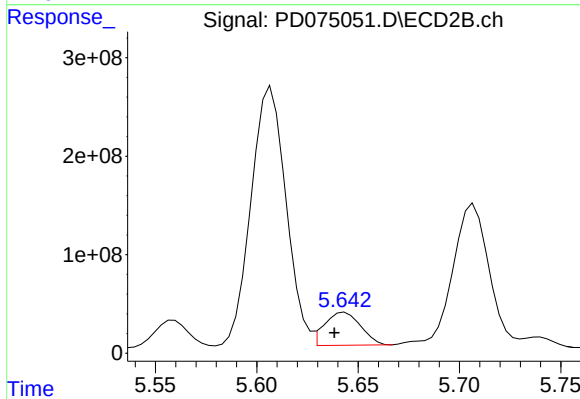
#13 Dieldrin

R.T.: 5.364 min  
Delta R.T.: 0.001 min  
Response: 4748000292  
Conc: 3782.59 ng/ml



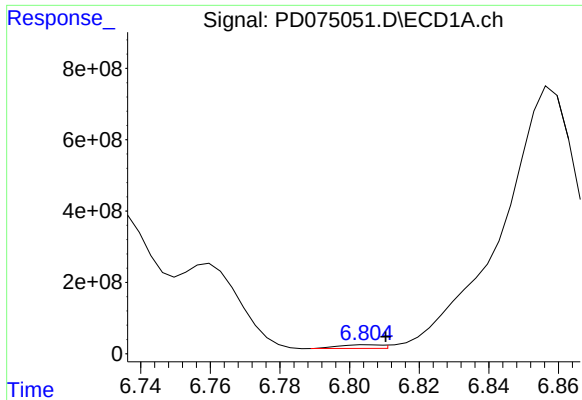
#14 Endrin

R.T.: 6.590 min  
Delta R.T.: -0.002 min  
Response: 9616168391  
Conc: 3549.60 ng/ml



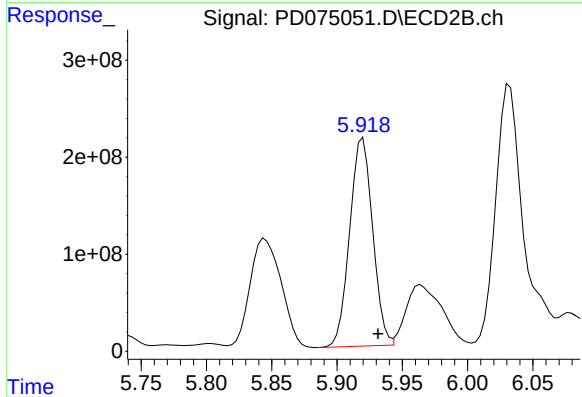
#14 Endrin

R.T.: 5.643 min  
Delta R.T.: 0.005 min  
Response: 416082757  
Conc: 376.47 ng/ml



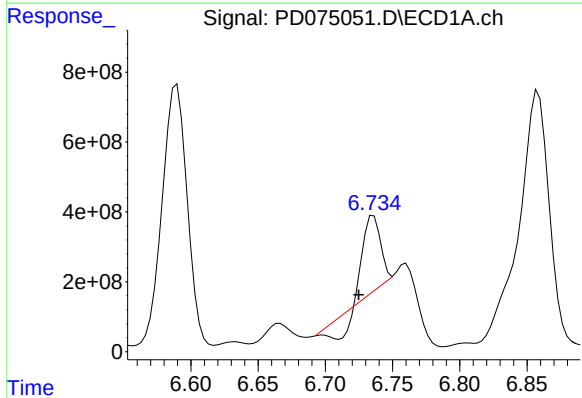
#15 Endosulfan II

R.T.: 6.806 min  
Delta R.T.: -0.005 min  
Response: 83139786  
Conc: 28.70 ng/ml



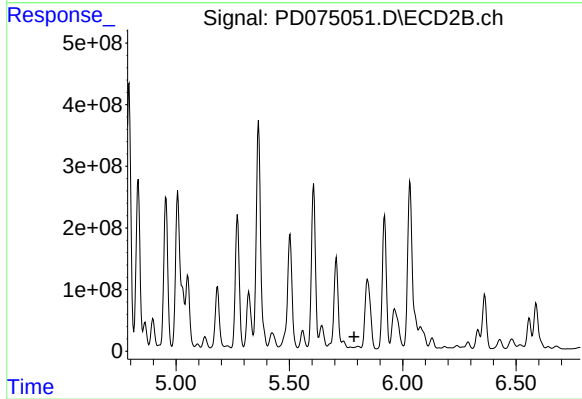
#15 Endosulfan II

R.T.: 5.920 min  
Delta R.T.: -0.012 min  
Response: 2625635258  
Conc: 2406.97 ng/ml



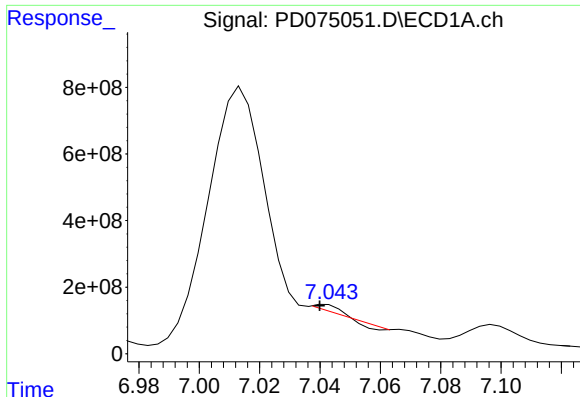
#16 4,4'-DDD

R.T.: 6.736 min  
Delta R.T.: 0.011 min  
Response: 1572519526  
Conc: 650.28 ng/ml



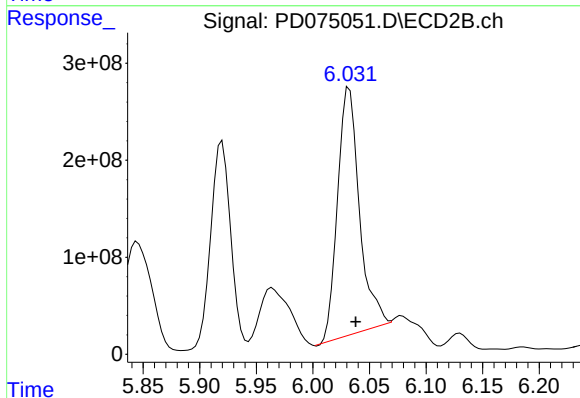
#16 4,4'-DDD

R.T.: 5.770 min  
Delta R.T.: -0.016 min  
Response: -17193869  
Conc: N.D.



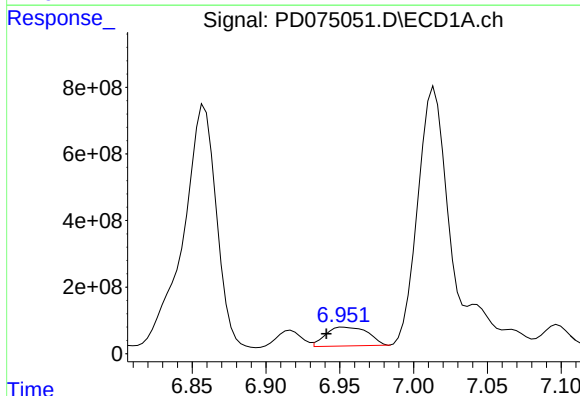
#17 4,4'-DDT

R.T.: 7.042 min  
Delta R.T.: 0.002 min  
Response: 87676949  
Conc: 34.90 ng/ml



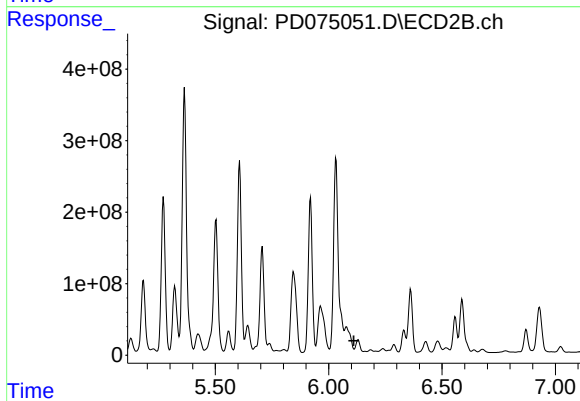
#17 4,4'-DDT

R.T.: 6.032 min  
Delta R.T.: -0.006 min  
Response: 3430954525  
Conc: 3458.64 ng/ml



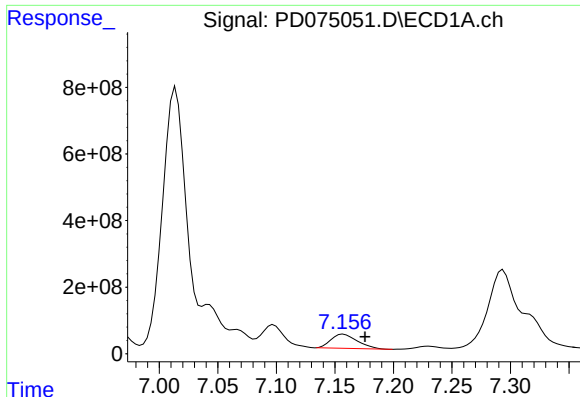
#18 Endrin aldehyde

R.T.: 6.952 min  
Delta R.T.: 0.011 min  
Response: 1122857412  
Conc: 501.68 ng/ml



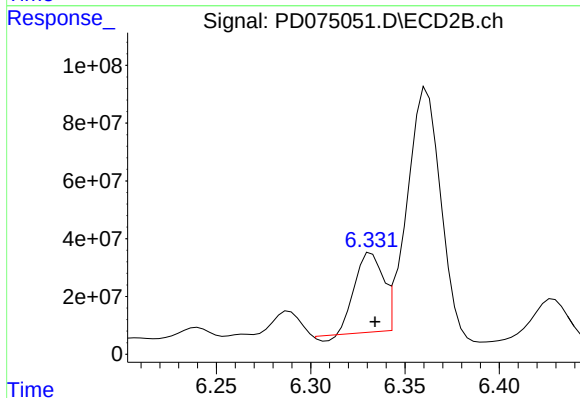
#18 Endrin aldehyde

R.T.: 6.130 min  
Delta R.T.: 0.019 min  
Response: -7829540  
Conc: N.D.



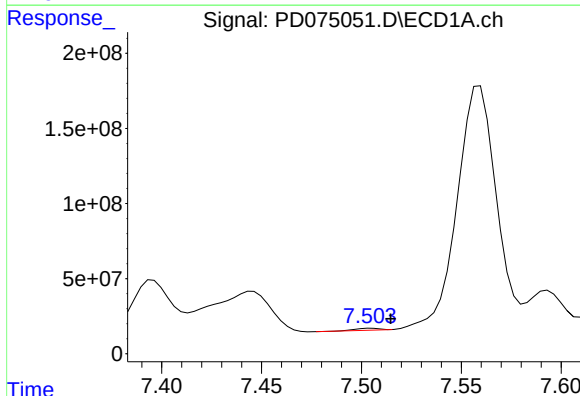
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.019 min  
Response: 666684219  
Conc: 255.71 ng/ml



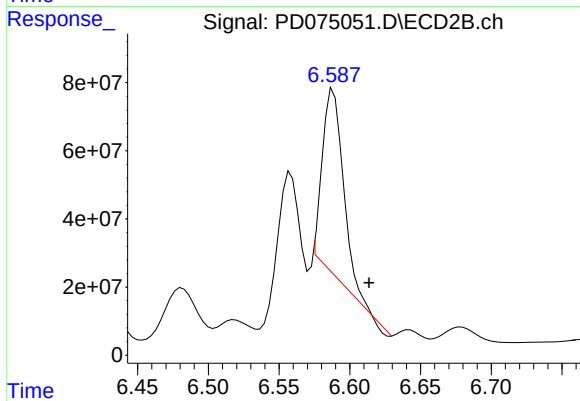
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: -0.002 min  
Response: 277965151  
Conc: 270.35 ng/ml



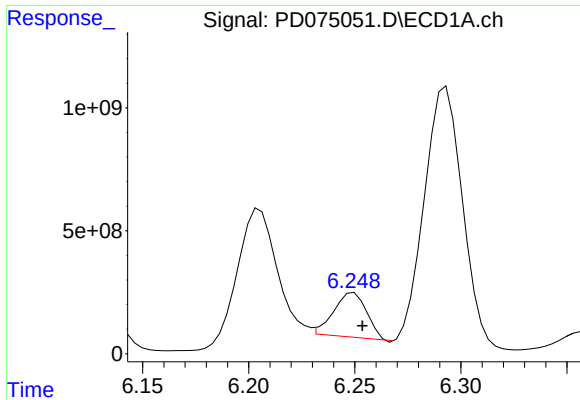
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: -0.010 min  
Response: 10789003  
Conc: 7.48 ng/ml



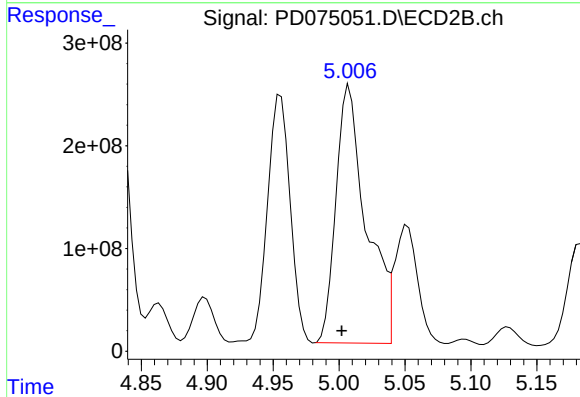
#20 Methoxychlor

R.T.: 6.588 min  
Delta R.T.: -0.025 min  
Response: 559789572  
Conc: 1013.44 ng/ml



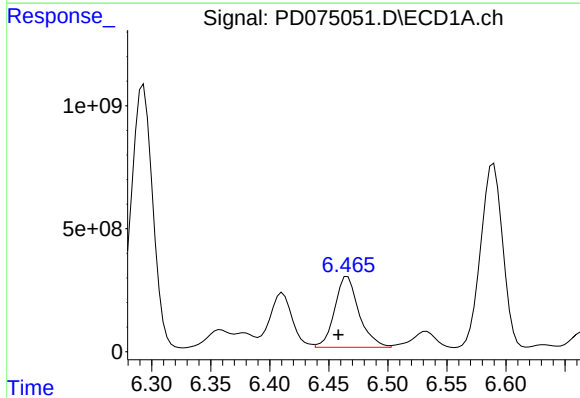
#22 Toxaphene-1

R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 1970097025  
Conc: 88224.20 ng/ml



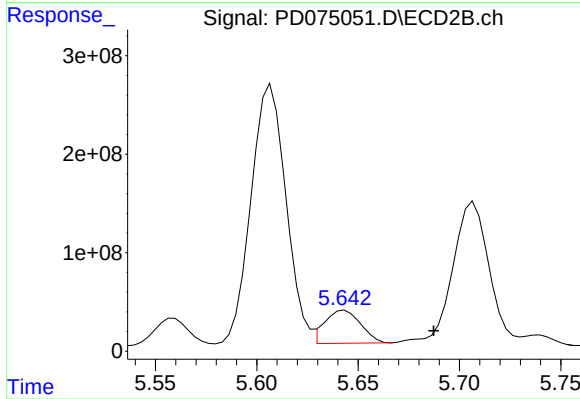
#22 Toxaphene-1

R.T.: 5.008 min  
Delta R.T.: 0.006 min  
Response: 3996939448  
Conc: 605337.94 ng/ml



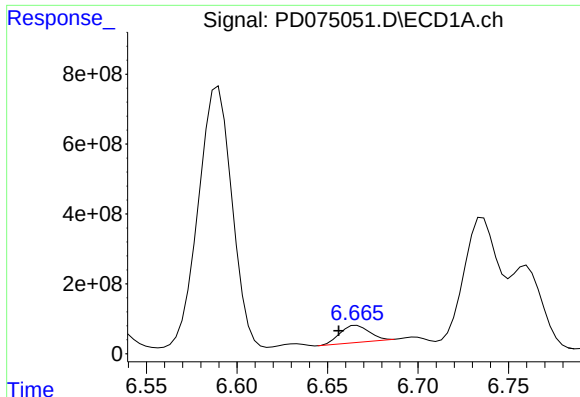
#23 Toxaphene-2

R.T.: 6.466 min  
Delta R.T.: 0.008 min  
Response: 4118045300  
Conc: 148629.74 ng/ml



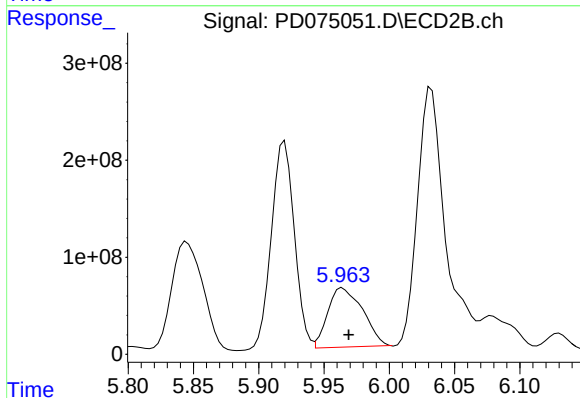
#23 Toxaphene-2

R.T.: 5.643 min  
Delta R.T.: -0.044 min  
Response: 416082757  
Conc: 56924.17 ng/ml



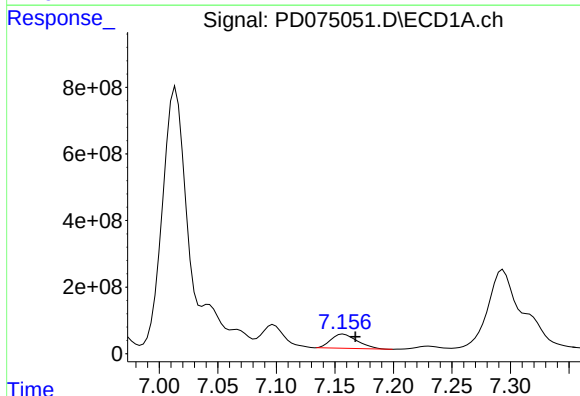
#24 Toxaphene-3

R.T.: 6.666 min  
Delta R.T.: 0.010 min  
Response: 549466413  
Conc: 28744.76 ng/ml



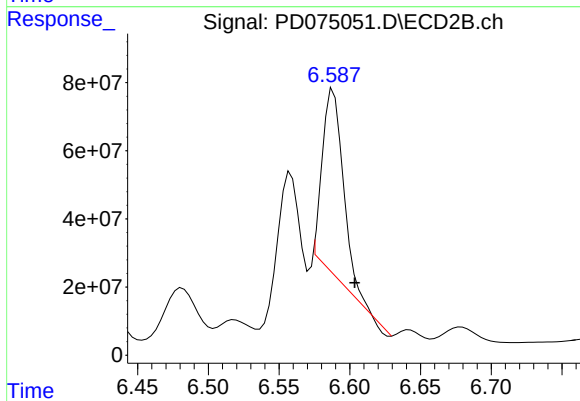
#24 Toxaphene-3

R.T.: 5.964 min  
Delta R.T.: -0.005 min  
Response: 1096084181  
Conc: 130642.77 ng/ml



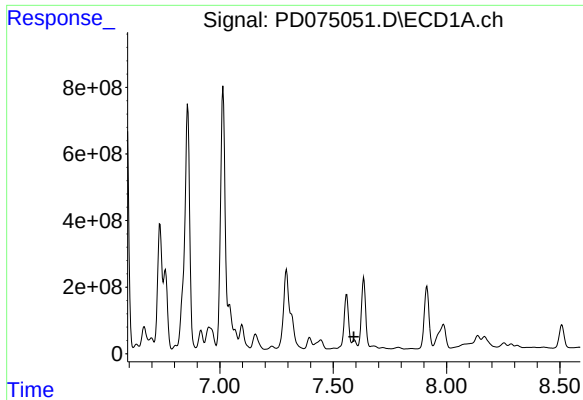
#25 Toxaphene-4

R.T.: 7.157 min  
Delta R.T.: -0.010 min  
Response: 666684219  
Conc: 10947.46 ng/ml



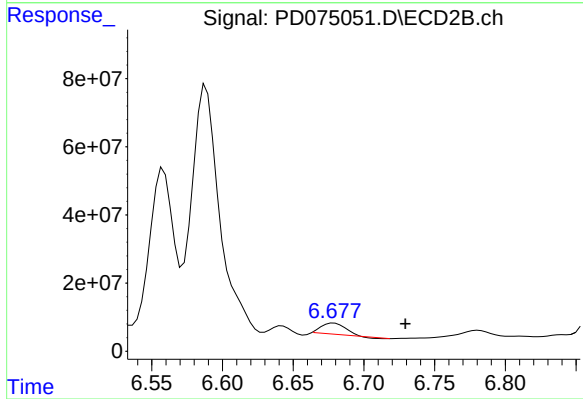
#25 Toxaphene-4

R.T.: 6.588 min  
Delta R.T.: -0.015 min  
Response: 559789572  
Conc: 22811.22 ng/ml



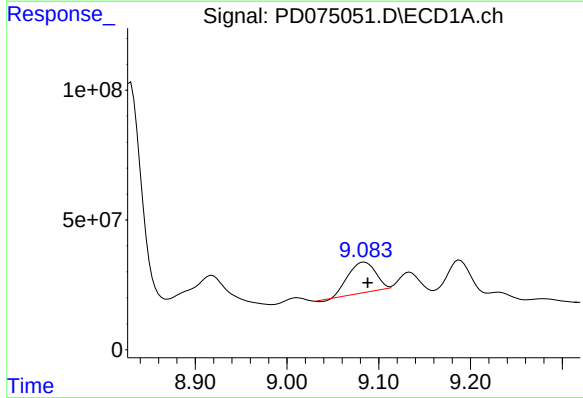
#26 Toxaphene-5

R.T.: 7.593 min  
Delta R.T.: 0.003 min  
Response: -410169225  
Conc: N.D.



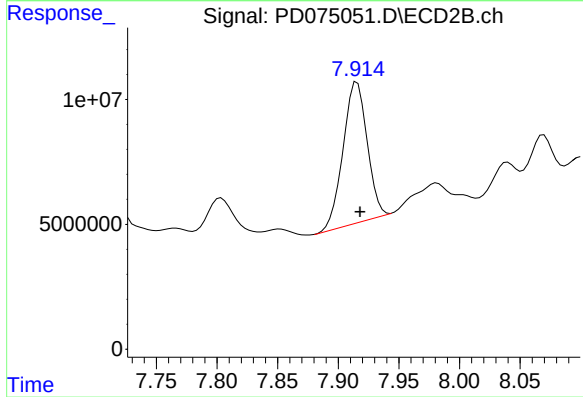
#26 Toxaphene-5

R.T.: 6.679 min  
Delta R.T.: -0.050 min  
Response: 37240487  
Conc: 1117.33 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: -0.004 min  
Response: 241110623  
Conc: 100.95 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.916 min  
Delta R.T.: -0.002 min  
Response: 77827623  
Conc: 81.02 ng/ml