

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102119\  
 Data File : PD055486.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2019 20:17  
 Operator : SG\AJ  
 Sample : K5262-18DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFB80DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 04:02:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 19 00:42:03 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

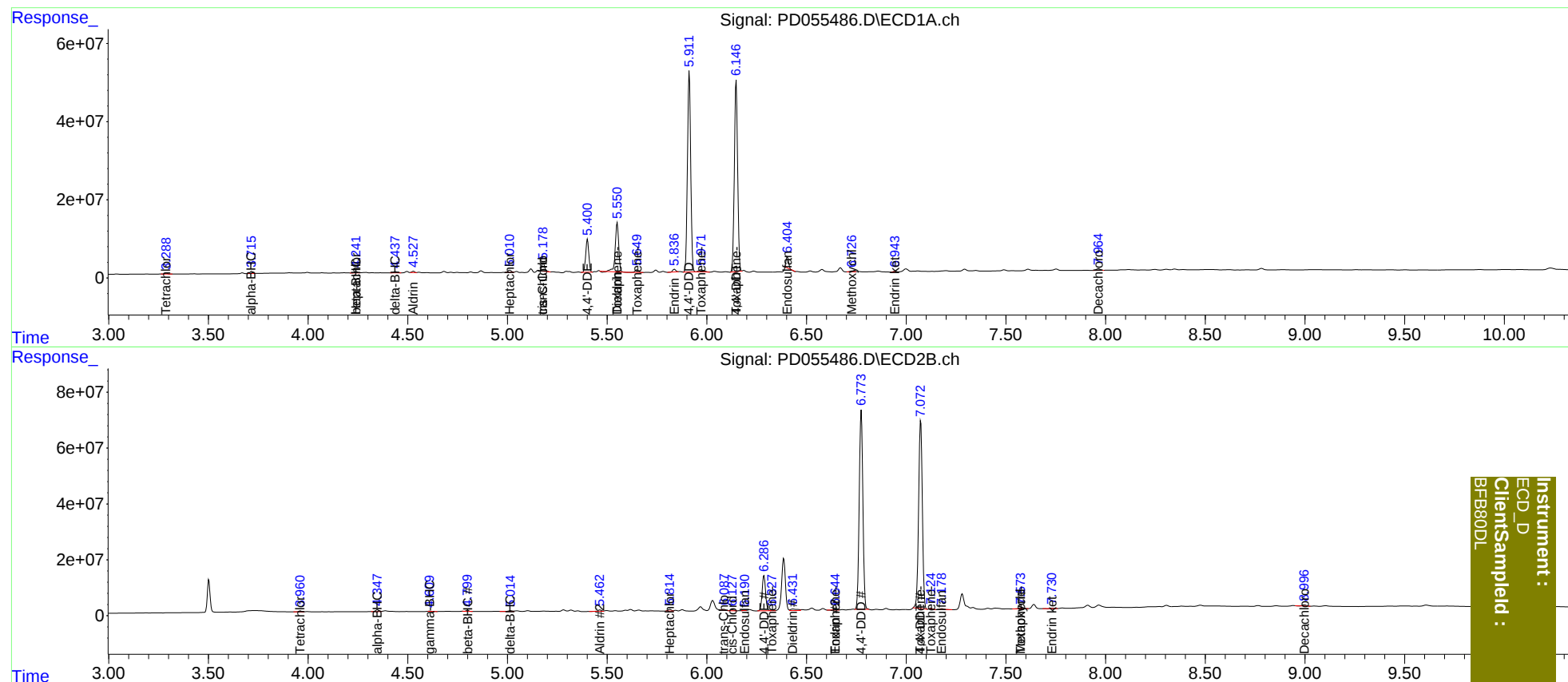
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-------------|
| -----                       |                 |        |        |          |          |           |             |
| System Monitoring Compounds |                 |        |        |          |          |           |             |
| 1)                          | SA Tetrachlo... | 3.290  | 3.961  | 1952015  | 3382989  | 2.189     | 2.513       |
| 27)                         | SA Decachlor... | 7.965  | 8.997  | 5529421  | 5490419  | 6.039     | 4.208 #     |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.717  | 4.348  | 4841708  | 7267763  | 3.855     | 3.736       |
| 3)                          | MA gamma-BHC... | 0.000  | 4.610  | 0        | 1455365  | N.D.      | 0.789       |
| 4)                          | MA Heptachlor   | 4.242f | 5.183f | 2934306  | -3923023 | 3.225     | N.D. #      |
| 5)                          | MB Aldrin       | 4.529  | 5.464  | 3069568  | 7027653  | 2.886     | 4.041 #     |
| 6)                          | B beta-BHC      | 4.242  | 4.800  | 2934306  | 3867990  | 5.520     | 4.375       |
| 7)                          | B delta-BHC     | 4.439  | 5.016  | 3720924  | 3362201  | 3.038     | 1.772 #     |
| 8)                          | B Heptachlo...  | 5.012f | 5.815  | 6554148  | 6957404  | 6.497     | 4.075 #     |
| 10)                         | B trans-Chl...  | 5.180  | 6.086  | 23155311 | 3484307  | 22.396    | 1.978 #     |
| 11)                         | B cis-Chlor...  | 5.180f | 6.128  | 23155311 | 3909733  | 23.048    | 2.274 #     |
| 12)                         | B 4,4'-DDE      | 5.402  | 6.287  | 91721260 | 152.4E6  | 89.989    | 90.356      |
| 13)                         | MA Dieldrin     | 5.551  | 6.432  | 151.0E6  | 12641296 | 136.211   | 6.985 #     |
| 14)                         | MA Endrin       | 5.838f | 6.645  | 7100476  | 2776993  | 7.927     | 1.988 #     |
| 16)                         | A 4,4'-DDD      | 5.912  | 6.775  | 583.8E6  | 906.2E6  | 720.295   | 633.448     |
| 17)                         | MA 4,4'-DDT     | 6.147  | 7.073  | 561.0E6  | 879.0E6  | 827.481   | 648.472     |
| 19)                         | B Endosulfa...  | 6.404  | 7.179  | 25753147 | 2506764  | 28.891    | 1.681 #     |
| 20)                         | A Methoxychlor  | 6.727  | 7.575f | 2401895  | 4240542  | 6.587     | 5.501       |
| 21)                         | B Endrin ke...  | 6.944  | 7.731f | 835371   | 1572157  | 0.855     | 0.982       |
| 22)                         | Toxaphene-1     | 5.551  | 6.328  | 151.0E6  | 2268439  | 25794.906 | 290.502 #   |
| 23)                         | Toxaphene-2     | 5.650  | 6.645  | 8525309  | 2776993  | 1461.827  | 285.131 #   |
| 24)                         | Toxaphene-3     | 5.972  | 7.073  | 10045809 | 879.0E6  | 1865.530  | 64804.341 # |
| 25)                         | Toxaphene-4     | 6.147  | 7.124  | 561.0E6  | 2092767  | 36731.648 | 54.313 #    |
| 26)                         | Toxaphene-5     | 0.000  | 7.575  | 0        | 4240542  | N.D.      | 233.694     |
| -----                       |                 |        |        |          |          |           |             |

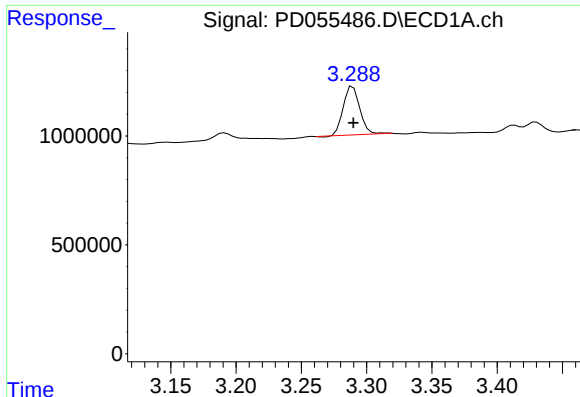
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102119\  
Data File : PD055486.D  
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Acq On : 21 Oct 2019 20:17  
Operator : SG\AJ  
Sample : K5262-18DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 04:02:07 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 19 00:42:03 2019  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

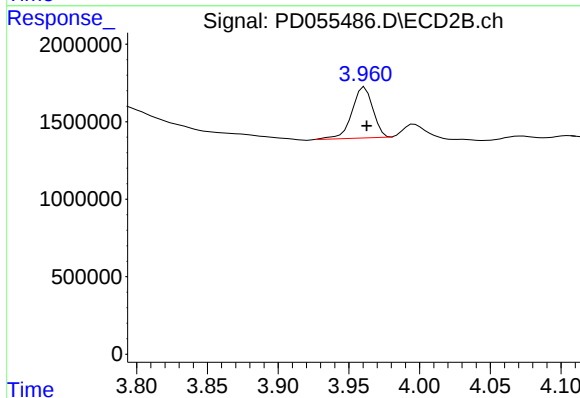




#1 Tetrachloro-m-xylene

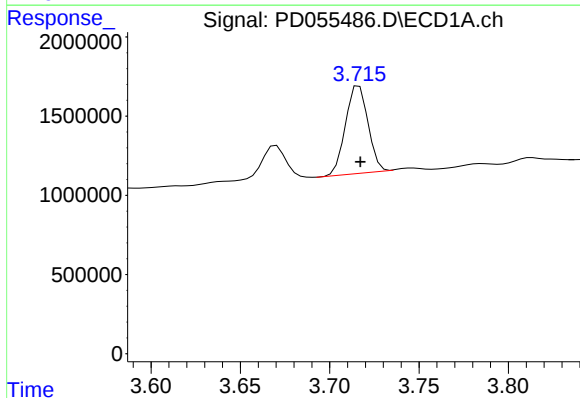
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 1952015  
Conc: 2.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



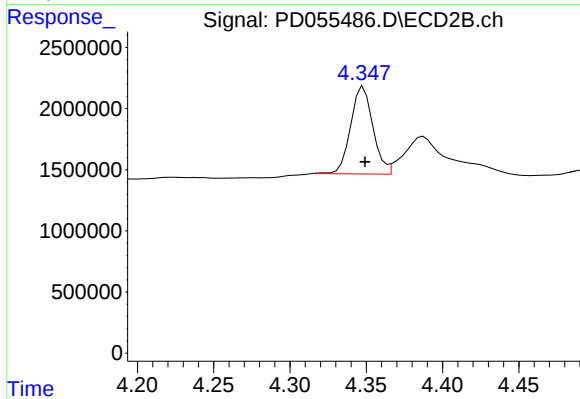
#1 Tetrachloro-m-xylene

R.T.: 3.961 min  
Delta R.T.: -0.001 min  
Response: 3382989  
Conc: 2.51 ng/ml



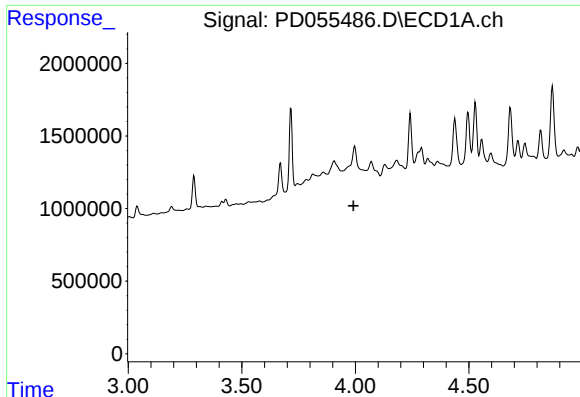
#2 alpha-BHC

R.T.: 3.717 min  
Delta R.T.: 0.000 min  
Response: 4841708  
Conc: 3.86 ng/ml



#2 alpha-BHC

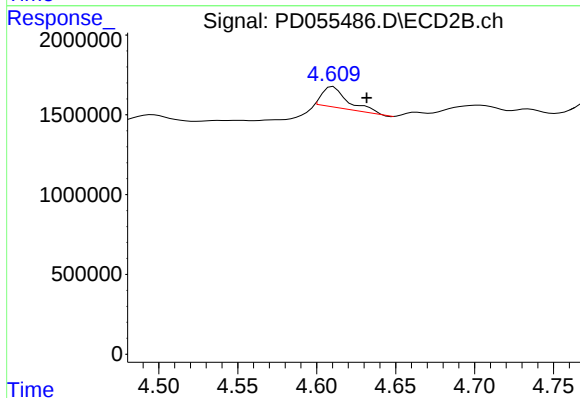
R.T.: 4.348 min  
Delta R.T.: 0.000 min  
Response: 7267763  
Conc: 3.74 ng/ml



#3 gamma-BHC (Lindane)

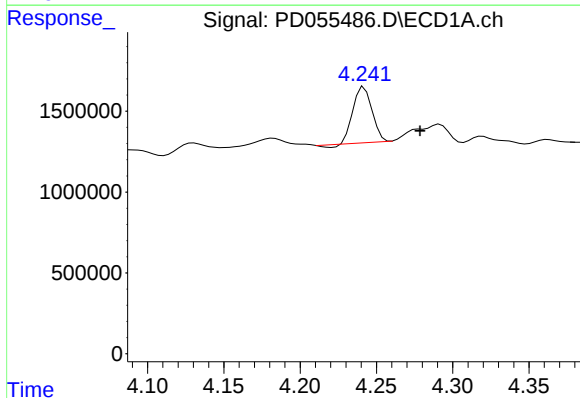
R.T.: 0.000 min  
Exp R.T.: 3.993 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



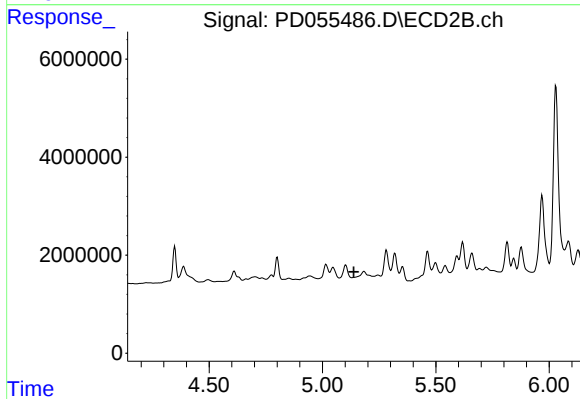
#3 gamma-BHC (Lindane)

R.T.: 4.610 min  
Delta R.T.: -0.021 min  
Response: 1455365  
Conc: 0.79 ng/ml



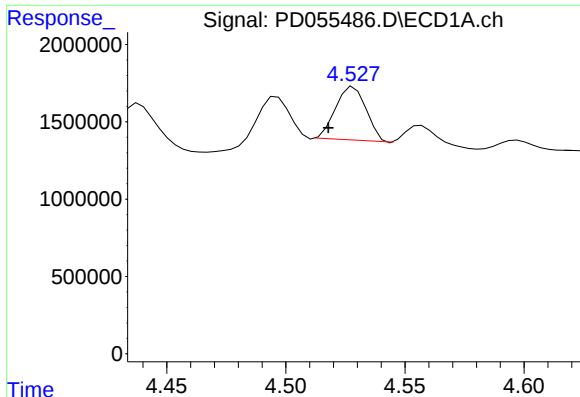
#4 Heptachlor

R.T.: 4.242 min  
Delta R.T.: -0.037 min  
Response: 2934306  
Conc: 3.22 ng/ml



#4 Heptachlor

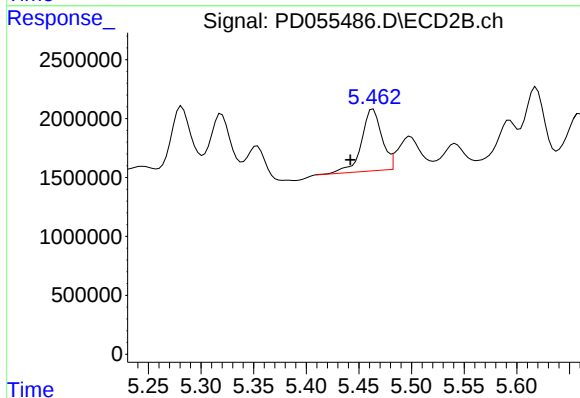
R.T.: 5.183 min  
Delta R.T.: 0.045 min  
Response: -3923023  
Conc: N.D.



#5 Aldrin

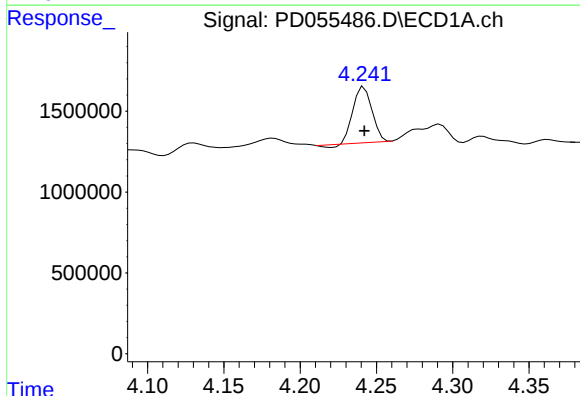
R.T.: 4.529 min  
Delta R.T.: 0.011 min  
Response: 3069568  
Conc: 2.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



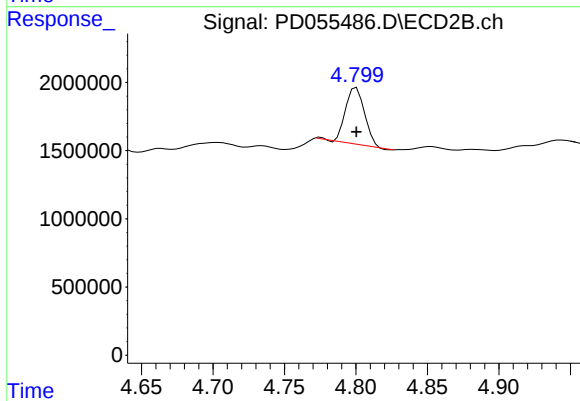
#5 Aldrin

R.T.: 5.464 min  
Delta R.T.: 0.022 min  
Response: 7027653  
Conc: 4.04 ng/ml



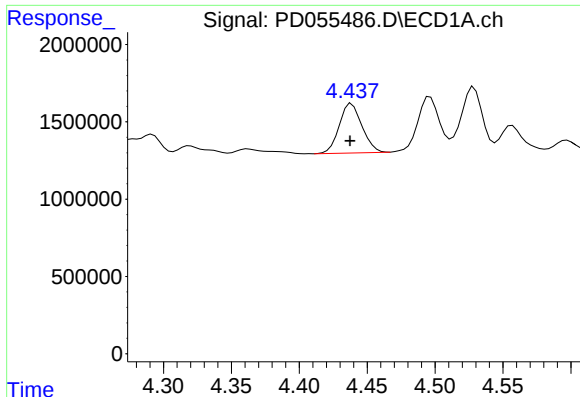
#6 beta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 2934306  
Conc: 5.52 ng/ml



#6 beta-BHC

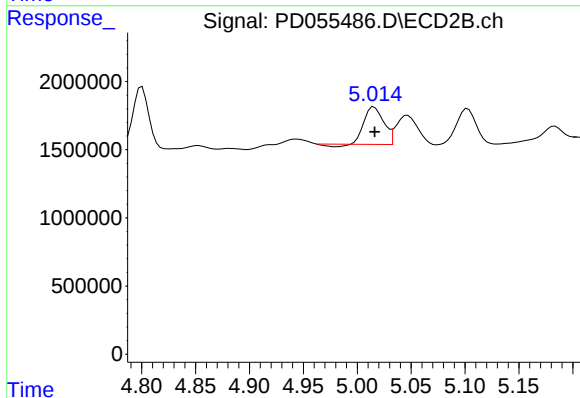
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 3867990  
Conc: 4.37 ng/ml



#7 delta-BHC

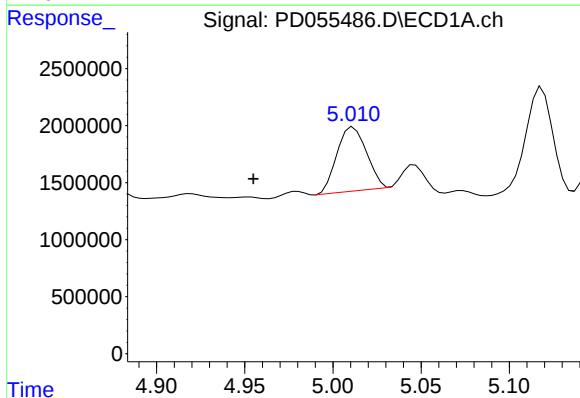
R.T.: 4.439 min  
Delta R.T.: 0.001 min  
Response: 3720924  
Conc: 3.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



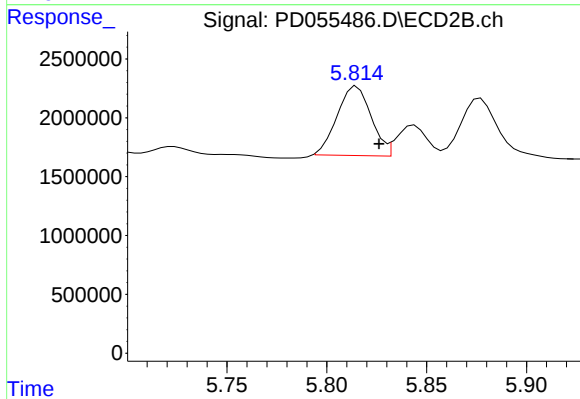
#7 delta-BHC

R.T.: 5.016 min  
Delta R.T.: 0.000 min  
Response: 3362201  
Conc: 1.77 ng/ml



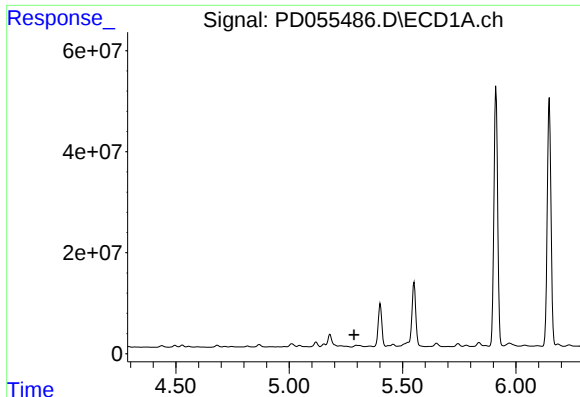
#8 Heptachlor epoxide

R.T.: 5.012 min  
Delta R.T.: 0.057 min  
Response: 6554148  
Conc: 6.50 ng/ml



#8 Heptachlor epoxide

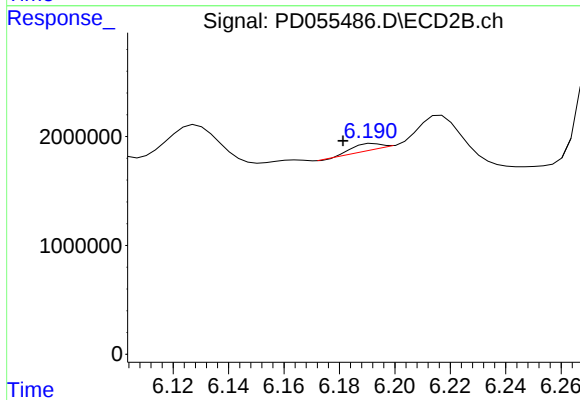
R.T.: 5.815 min  
Delta R.T.: -0.011 min  
Response: 6957404  
Conc: 4.07 ng/ml



#9 Endosulfan I

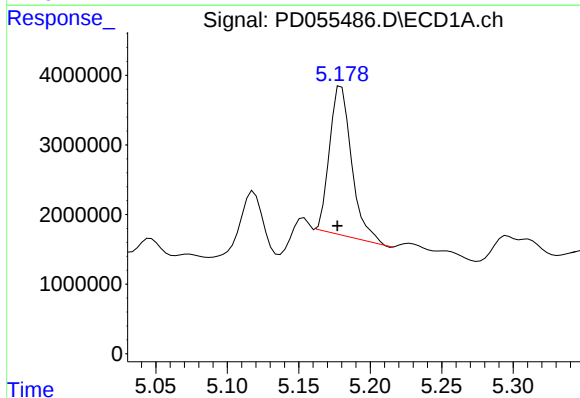
R.T.: 5.296 min  
Delta R.T.: 0.010 min  
Response: -1494721  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



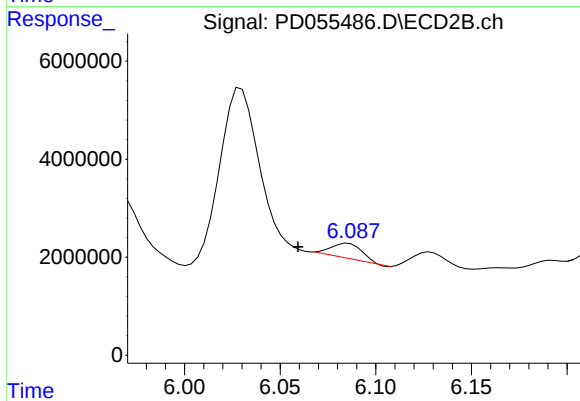
#9 Endosulfan I

R.T.: 6.193 min  
Delta R.T.: 0.011 min  
Response: 373556  
Conc: 0.23 ng/ml



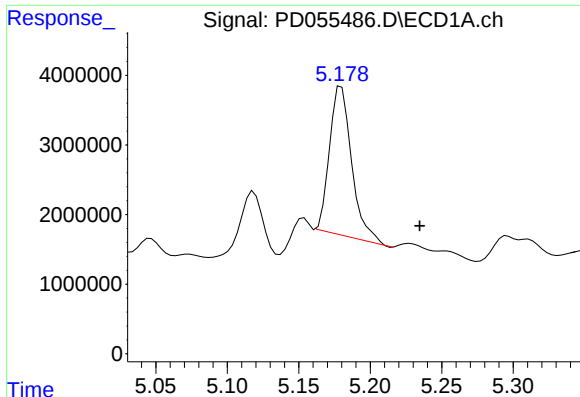
#10 trans-Chlordane

R.T.: 5.180 min  
Delta R.T.: 0.003 min  
Response: 23155311  
Conc: 22.40 ng/ml



#10 trans-Chlordane

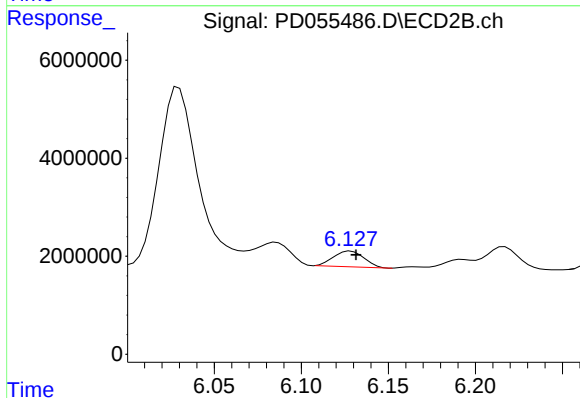
R.T.: 6.086 min  
Delta R.T.: 0.026 min  
Response: 3484307  
Conc: 1.98 ng/ml



#11 cis-Chlordane

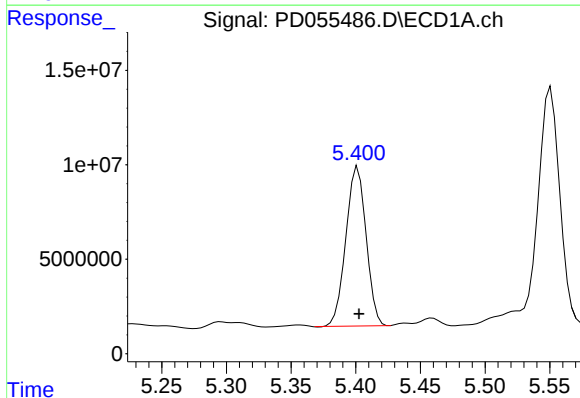
R.T.: 5.180 min  
Delta R.T.: -0.055 min  
Response: 23155311  
Conc: 23.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



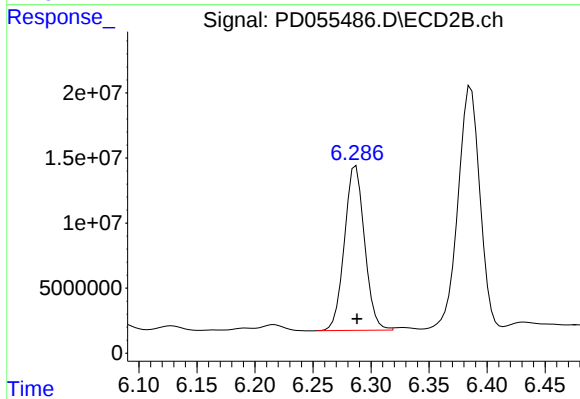
#11 cis-Chlordane

R.T.: 6.128 min  
Delta R.T.: -0.003 min  
Response: 3909733  
Conc: 2.27 ng/ml



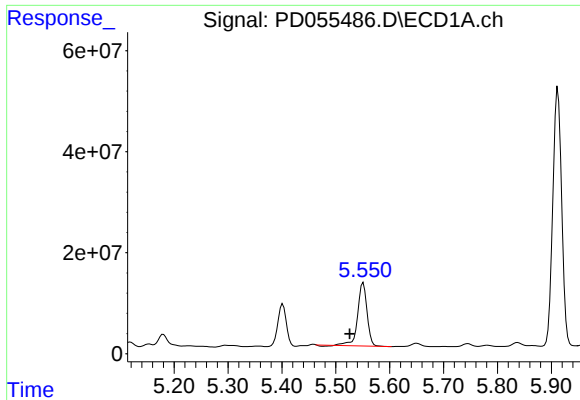
#12 4,4'-DDE

R.T.: 5.402 min  
Delta R.T.: 0.000 min  
Response: 91721260  
Conc: 89.99 ng/ml



#12 4,4'-DDE

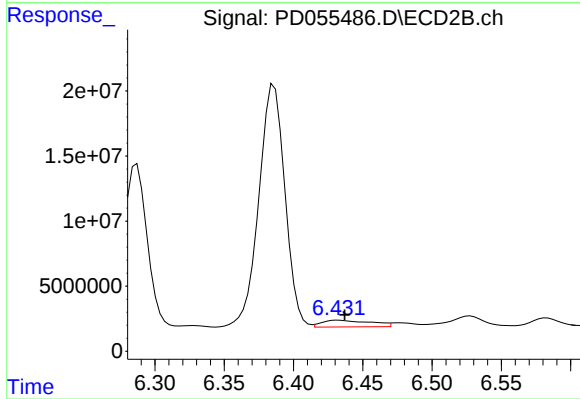
R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 152351533  
Conc: 90.36 ng/ml



#13 Dieldrin

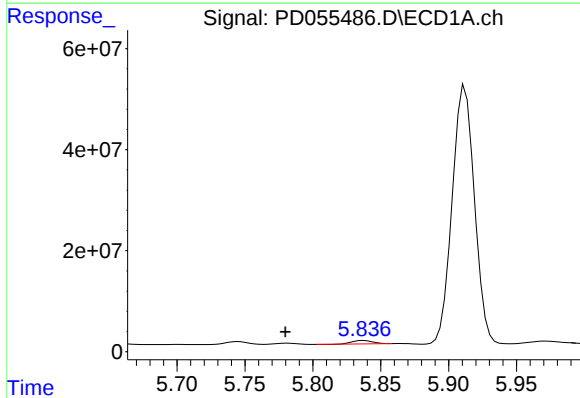
R.T.: 5.551 min  
Delta R.T.: 0.025 min  
Response: 150954390  
Conc: 136.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



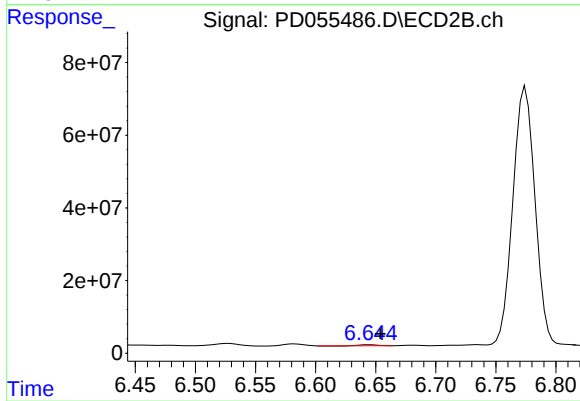
#13 Dieldrin

R.T.: 6.432 min  
Delta R.T.: -0.005 min  
Response: 12641296  
Conc: 6.98 ng/ml



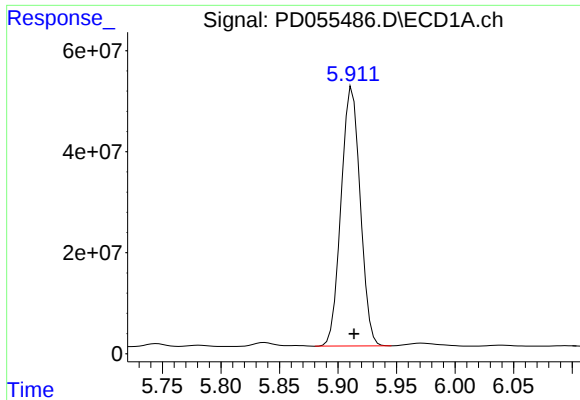
#14 Endrin

R.T.: 5.838 min  
Delta R.T.: 0.058 min  
Response: 7100476  
Conc: 7.93 ng/ml



#14 Endrin

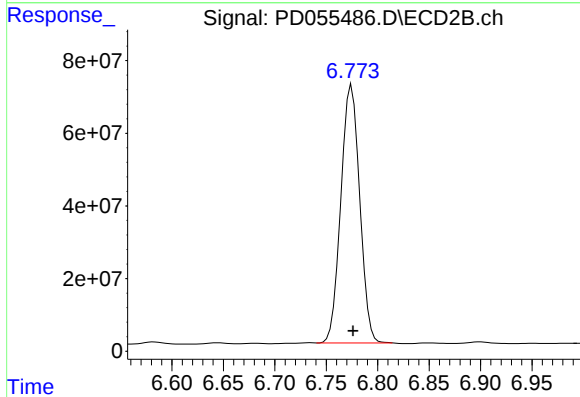
R.T.: 6.645 min  
Delta R.T.: -0.009 min  
Response: 2776993  
Conc: 1.99 ng/ml



#16 4,4'-DDD

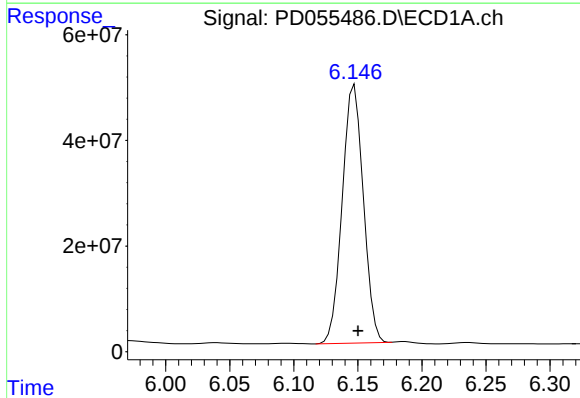
R.T.: 5.912 min  
Delta R.T.: -0.002 min  
Response: 583778224  
Conc: 720.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



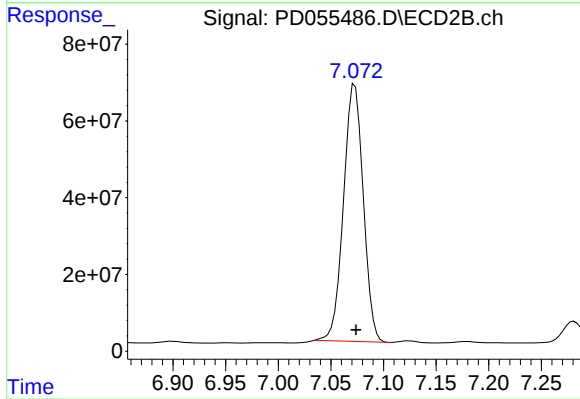
#16 4,4'-DDD

R.T.: 6.775 min  
Delta R.T.: -0.001 min  
Response: 906221658  
Conc: 633.45 ng/ml



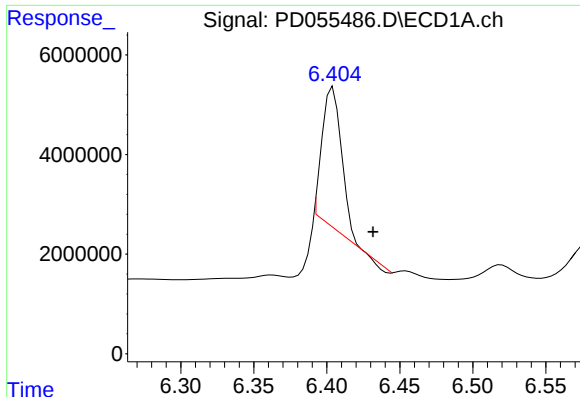
#17 4,4'-DDT

R.T.: 6.147 min  
Delta R.T.: -0.003 min  
Response: 561024081  
Conc: 827.48 ng/ml



#17 4,4'-DDT

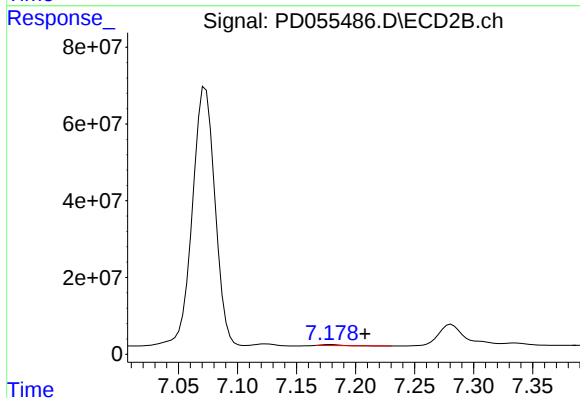
R.T.: 7.073 min  
Delta R.T.: -0.001 min  
Response: 878950085  
Conc: 648.47 ng/ml



#19 Endosulfan Sulfate

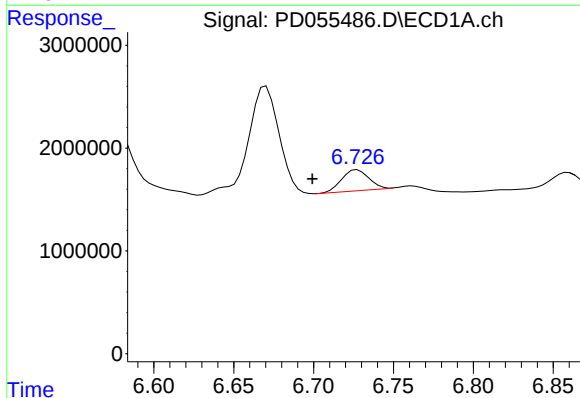
R.T.: 6.404 min  
Delta R.T.: -0.027 min  
Response: 25753147  
Conc: 28.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



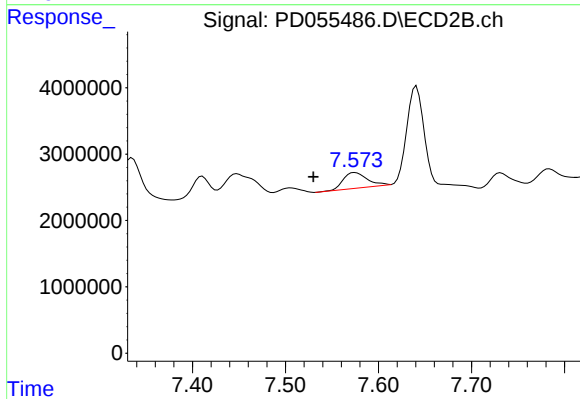
#19 Endosulfan Sulfate

R.T.: 7.179 min  
Delta R.T.: -0.029 min  
Response: 2506764  
Conc: 1.68 ng/ml



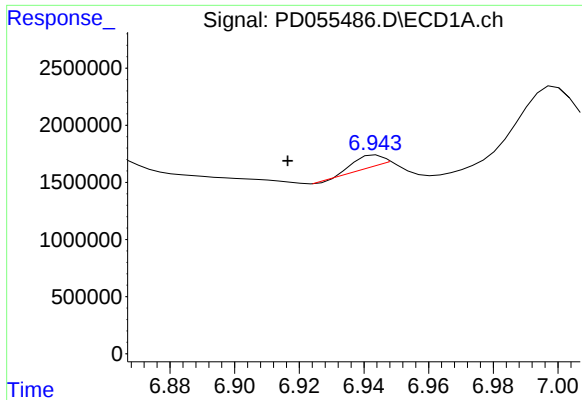
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: 0.028 min  
Response: 2401895  
Conc: 6.59 ng/ml



#20 Methoxychlor

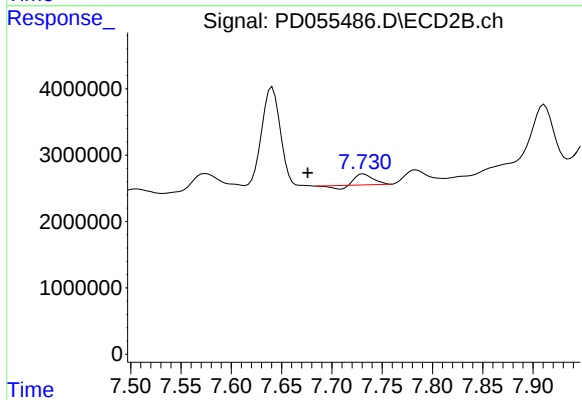
R.T.: 7.575 min  
Delta R.T.: 0.044 min  
Response: 4240542  
Conc: 5.50 ng/ml



#21 Endrin ketone

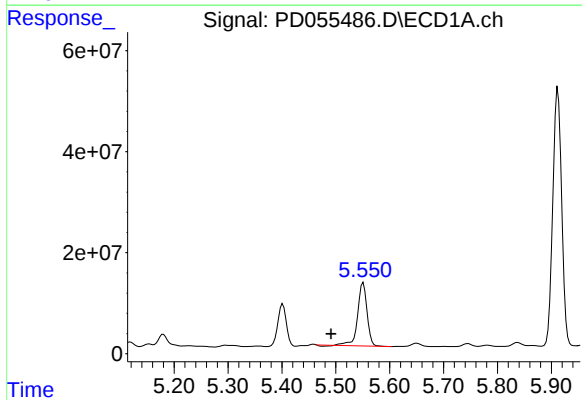
R.T.: 6.944 min  
Delta R.T.: 0.028 min  
Response: 835371  
Conc: 0.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



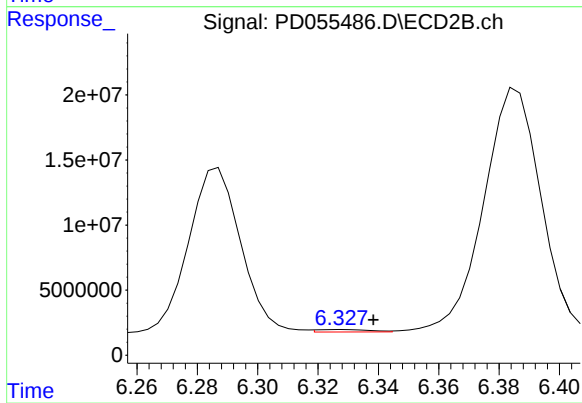
#21 Endrin ketone

R.T.: 7.731 min  
Delta R.T.: 0.056 min  
Response: 1572157  
Conc: 0.98 ng/ml



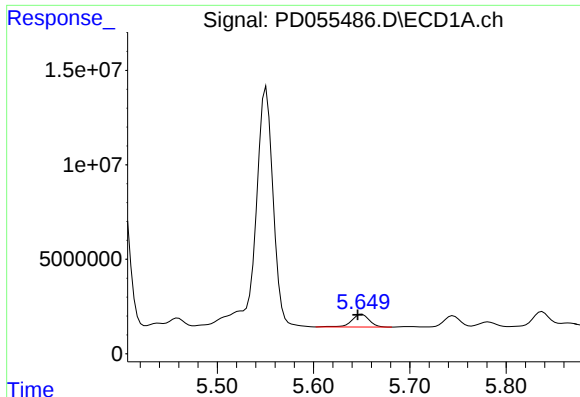
#22 Toxaphene-1

R.T.: 5.551 min  
Delta R.T.: 0.060 min  
Response: 150954390  
Conc: 25794.91 ng/ml



#22 Toxaphene-1

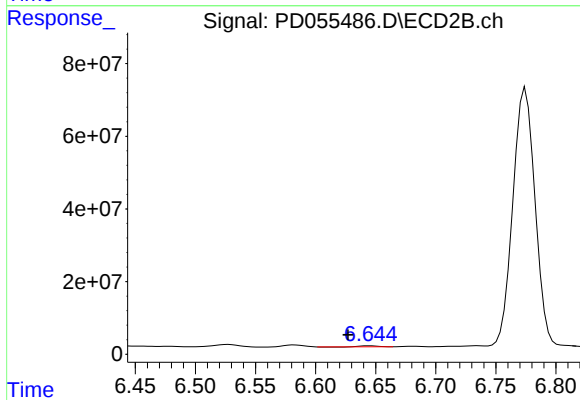
R.T.: 6.328 min  
Delta R.T.: -0.010 min  
Response: 2268439  
Conc: 290.50 ng/ml



#23 Toxaphene-2

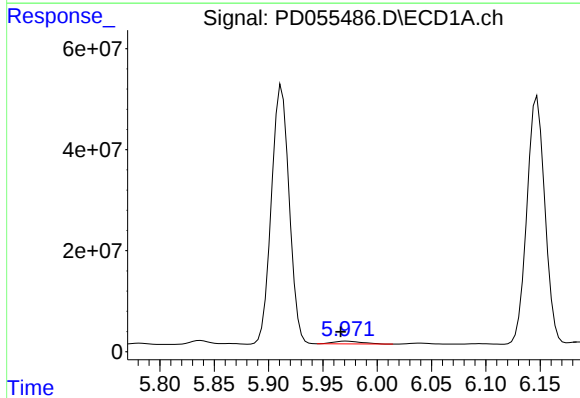
R.T.: 5.650 min  
Delta R.T.: 0.004 min  
Response: 8525309  
Conc: 1461.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



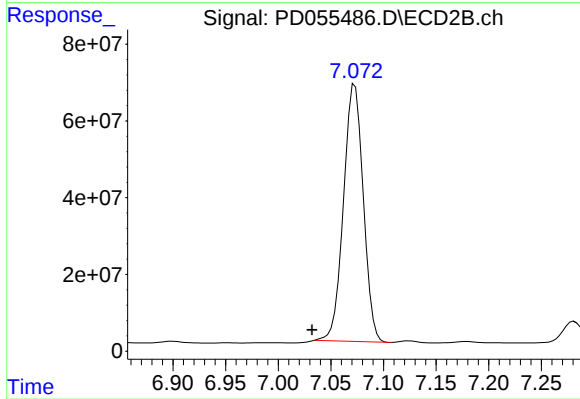
#23 Toxaphene-2

R.T.: 6.645 min  
Delta R.T.: 0.018 min  
Response: 2776993  
Conc: 285.13 ng/ml



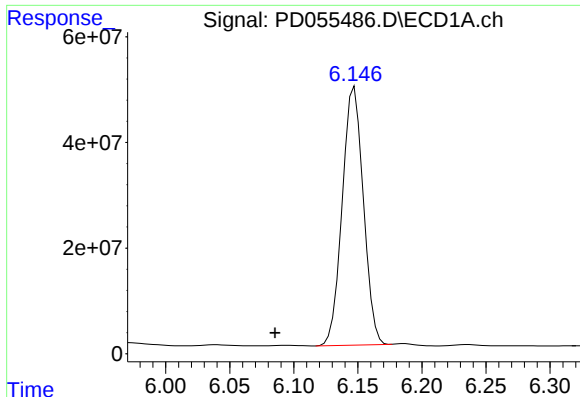
#24 Toxaphene-3

R.T.: 5.972 min  
Delta R.T.: 0.006 min  
Response: 10045809  
Conc: 1865.53 ng/ml



#24 Toxaphene-3

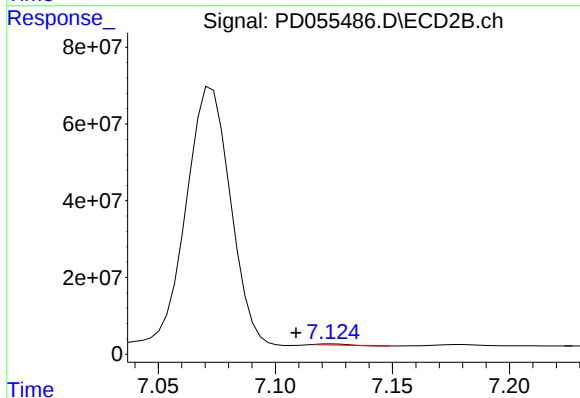
R.T.: 7.073 min  
Delta R.T.: 0.041 min  
Response: 878950085  
Conc: 64804.34 ng/ml



#25 Toxaphene-4

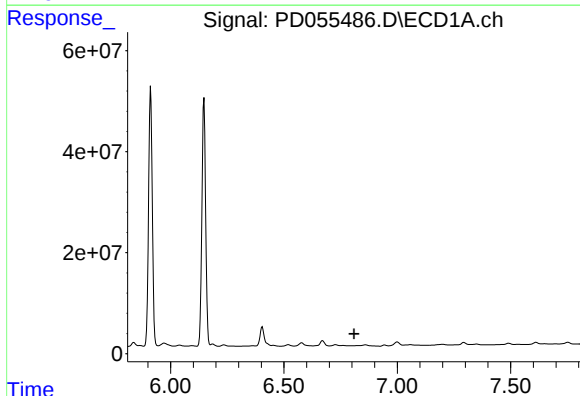
R.T.: 6.147 min  
Delta R.T.: 0.062 min  
Response: 561024081  
Conc: 36731.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



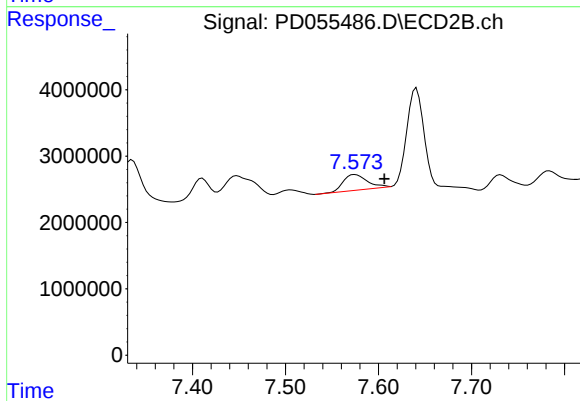
#25 Toxaphene-4

R.T.: 7.124 min  
Delta R.T.: 0.015 min  
Response: 2092767  
Conc: 54.31 ng/ml



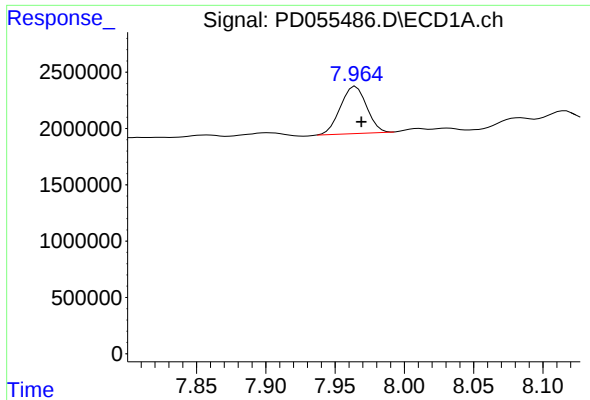
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.810 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

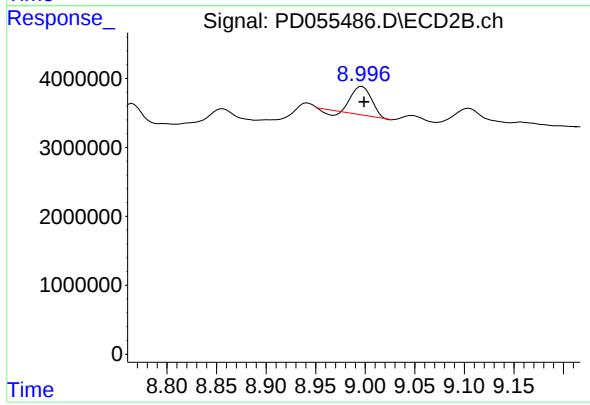
R.T.: 7.575 min  
Delta R.T.: -0.032 min  
Response: 4240542  
Conc: 233.69 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.965 min  
Delta R.T.: -0.004 min  
Response: 5529421  
Conc: 6.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB80DL



#27 Decachlorobiphenyl

R.T.: 8.997 min  
Delta R.T.: -0.002 min  
Response: 5490419  
Conc: 4.21 ng/ml