

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
 Data File : PD066838.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Nov 2021 14:55  
 Operator : AR\AJ  
 Sample : PB140615BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 02:07:37 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 27 16:50:52 2021  
 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

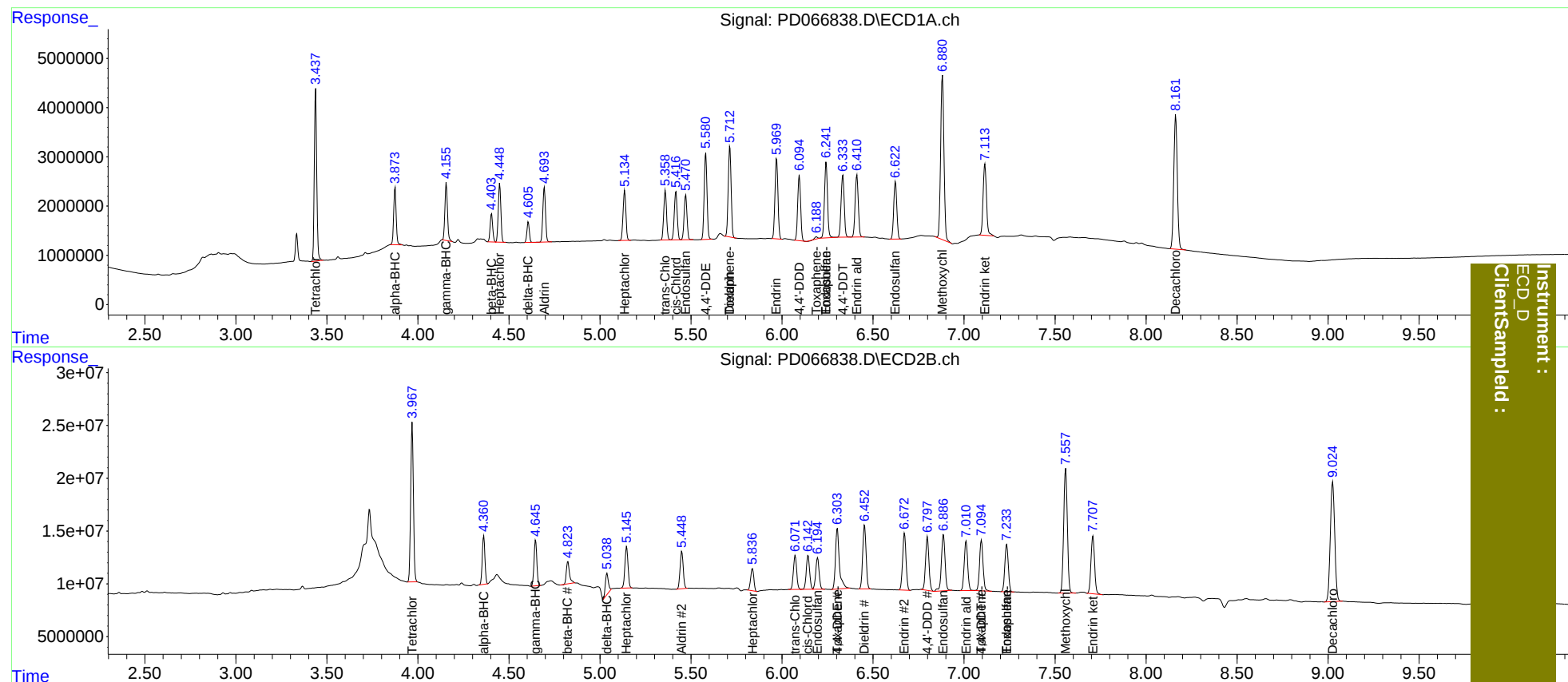
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.438 | 3.969 | 32296923 | 155.9E6  | 16.708   | 18.003     |
| 27)                         | SA Decachlor... | 8.163 | 9.025 | 36727209 | 194.0E6  | 31.346   | 37.198     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.875 | 4.362 | 11150591 | 46763590 | 3.809    | 4.277      |
| 3)                          | MA gamma-BHC... | 4.156 | 4.647 | 11429885 | 46222793 | 4.128    | 4.574      |
| 4)                          | MA Heptachlor   | 4.449 | 5.147 | 11760888 | 46633774 | 4.134    | 4.758      |
| 5)                          | MB Aldrin       | 4.695 | 5.450 | 11438046 | 42487945 | 3.973    | 4.509      |
| 6)                          | B beta-BHC      | 4.404 | 4.824 | 5619632  | 25007622 | 4.474    | 5.075      |
| 7)                          | B delta-BHC     | 4.606 | 5.039 | 3860317  | 22569284 | 1.456    | 2.281 #    |
| 8)                          | B Heptachlo...  | 5.136 | 5.838 | 10988031 | 25620207 | 4.323    | 3.408      |
| 9)                          | A Endosulfan I  | 5.471 | 6.196 | 9933203  | 38617659 | 4.333    | 4.935      |
| 10)                         | B trans-Chl...  | 5.359 | 6.073 | 10969988 | 39967355 | 4.244    | 4.641      |
| 11)                         | B cis-Chlor...  | 5.418 | 6.144 | 10908293 | 41023065 | 4.282    | 4.781      |
| 12)                         | B 4,4'-DDE      | 5.581 | 6.304 | 18921087 | 85671609 | 8.284    | 11.251 #   |
| 13)                         | MA Dieldrin     | 5.714 | 6.454 | 20284663 | 78232380 | 8.129    | 9.806      |
| 14)                         | MA Endrin       | 5.970 | 6.673 | 18619672 | 70099812 | 8.801    | 10.329     |
| 15)                         | B Endosulfa...  | 6.243 | 6.887 | 17827233 | 74926951 | 8.586    | 10.448     |
| 16)                         | A 4,4'-DDD      | 6.095 | 6.799 | 14968152 | 65560180 | 8.269    | 10.155     |
| 17)                         | MA 4,4'-DDT     | 6.334 | 7.096 | 15134651 | 63949733 | 8.005    | 9.680      |
| 18)                         | B Endrin al...  | 6.412 | 7.012 | 15232998 | 62232863 | 10.456   | 11.697     |
| 19)                         | B Endosulfa...  | 6.623 | 7.234 | 13799601 | 59801486 | 7.565    | 8.678      |
| 20)                         | A Methoxychlor  | 6.882 | 7.559 | 42255943 | 167.0E6  | 45.087   | 51.666     |
| 21)                         | B Endrin ke...  | 7.115 | 7.708 | 18751223 | 75181742 | 9.100    | 9.592      |
| 22)                         | Toxaphene-1     | 5.714 | 6.304 | 20284663 | 85671609 | 1289.709 | 2119.419 # |
| 23)                         | Toxaphene-2     | 6.189 | 0.000 | 329783   | 0        | 20.511   | N.D. #     |
| 24)                         | Toxaphene-3     | 6.243 | 7.096 | 17827233 | 63949733 | 479.263  | 561.995    |
| 25)                         | Toxaphene-4     | 0.000 | 7.234 | 0        | 59801486 | N.D.     | 529.043    |
| -----                       |                 |       |       |          |          |          |            |

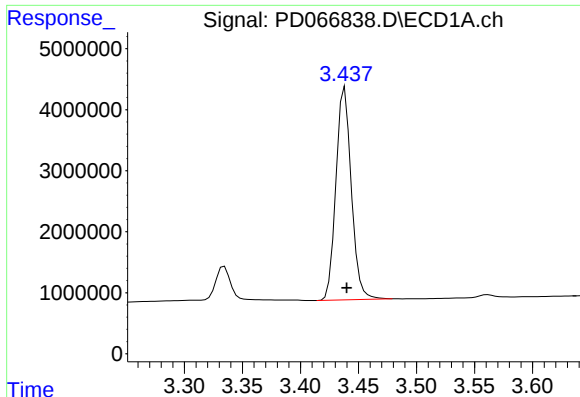
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066838.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 14:55  
Operator : AR\AJ  
Sample : PB140615BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:07:37 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 2021  
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

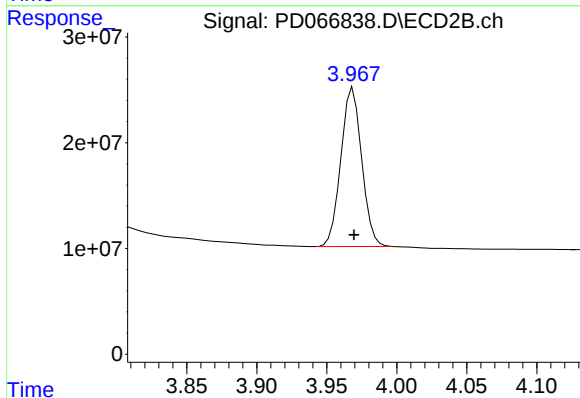




#1 Tetrachloro-m-xylene

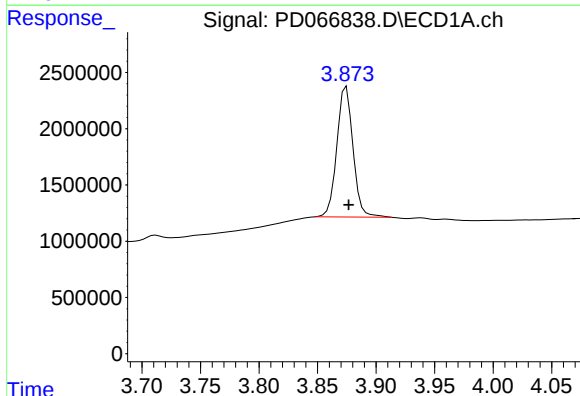
R.T.: 3.438 min  
Delta R.T.: -0.002 min  
Response: 32296923  
Conc: 16.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



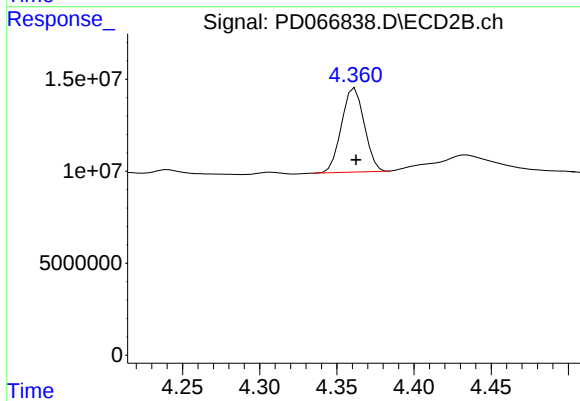
#1 Tetrachloro-m-xylene

R.T.: 3.969 min  
Delta R.T.: 0.000 min  
Response: 155914437  
Conc: 18.00 ng/ml



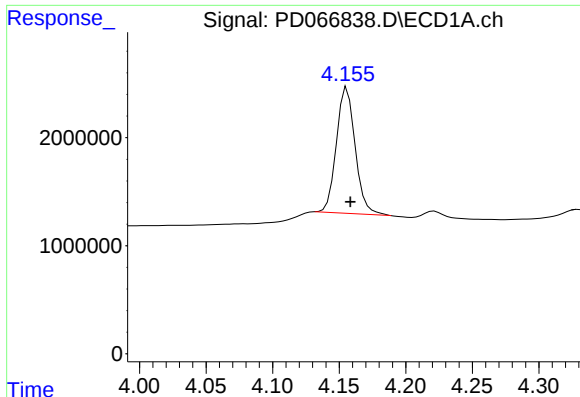
#2 alpha-BHC

R.T.: 3.875 min  
Delta R.T.: -0.002 min  
Response: 11150591  
Conc: 3.81 ng/ml



#2 alpha-BHC

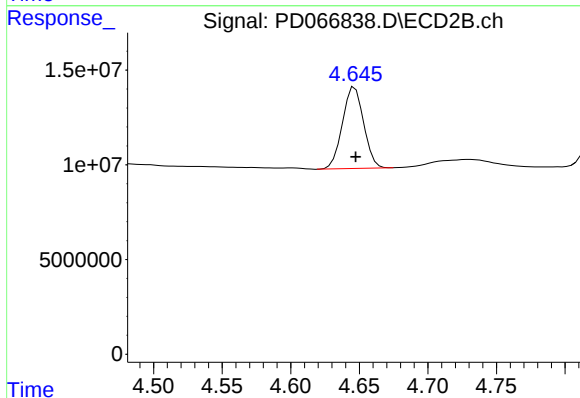
R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 46763590  
Conc: 4.28 ng/ml



#3 gamma-BHC (Lindane)

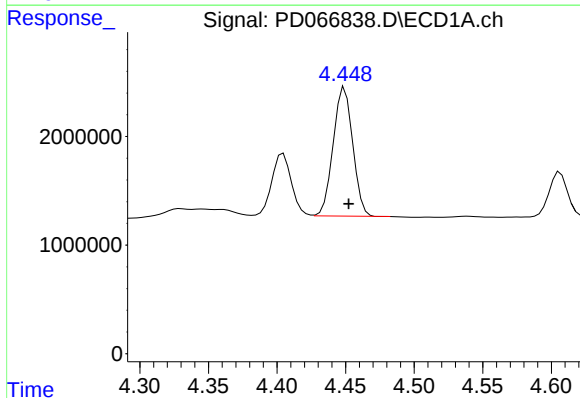
R.T.: 4.156 min  
Delta R.T.: -0.002 min  
Response: 11429885  
Conc: 4.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



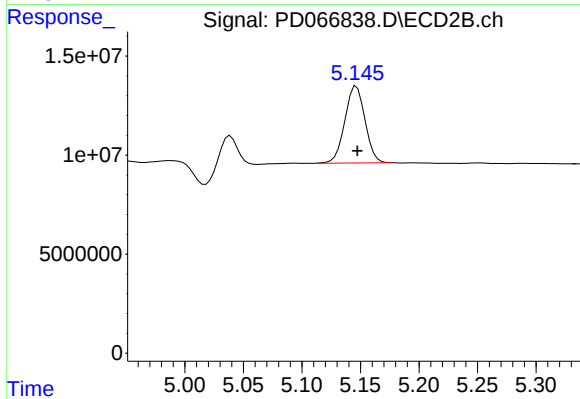
#3 gamma-BHC (Lindane)

R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 46222793  
Conc: 4.57 ng/ml



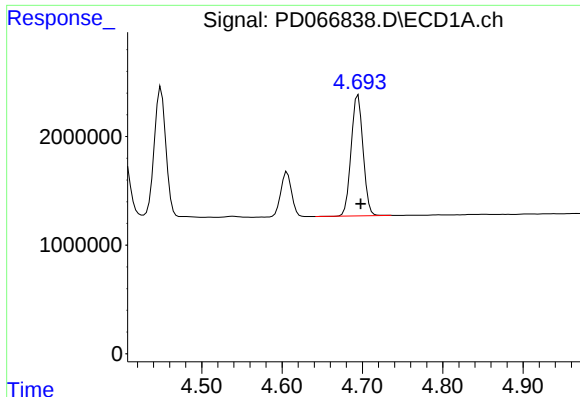
#4 Heptachlor

R.T.: 4.449 min  
Delta R.T.: -0.003 min  
Response: 11760888  
Conc: 4.13 ng/ml



#4 Heptachlor

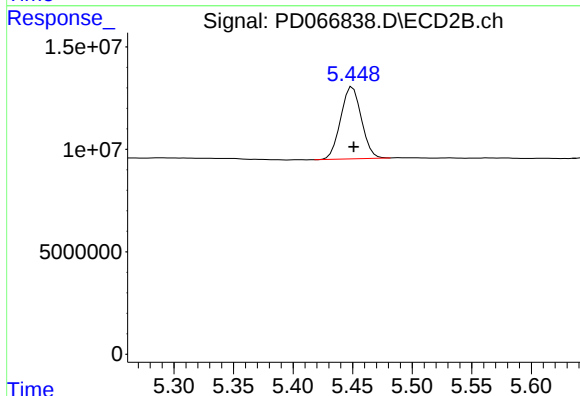
R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 46633774  
Conc: 4.76 ng/ml



#5 Aldrin

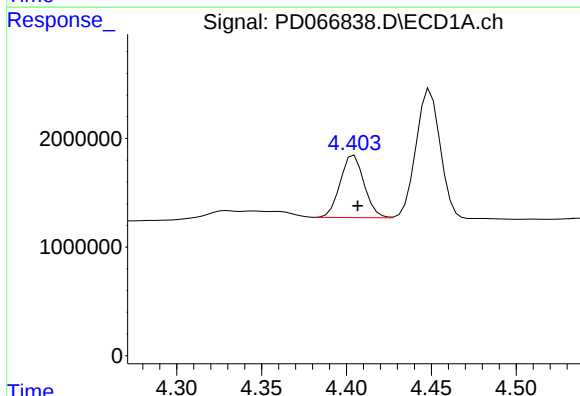
R.T.: 4.695 min  
Delta R.T.: -0.003 min  
Response: 11438046  
Conc: 3.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



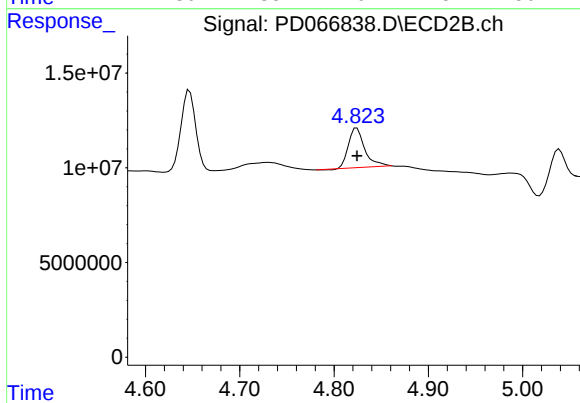
#5 Aldrin

R.T.: 5.450 min  
Delta R.T.: -0.001 min  
Response: 42487945  
Conc: 4.51 ng/ml



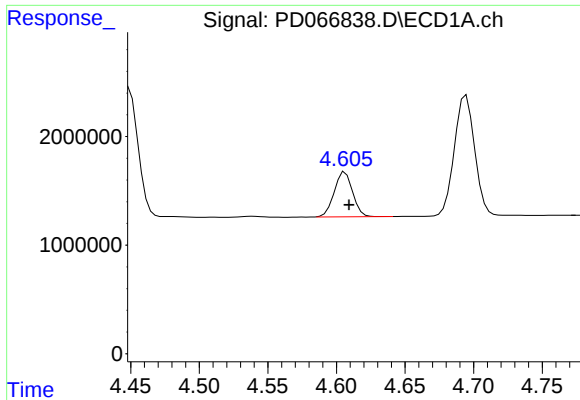
#6 beta-BHC

R.T.: 4.404 min  
Delta R.T.: -0.002 min  
Response: 5619632  
Conc: 4.47 ng/ml



#6 beta-BHC

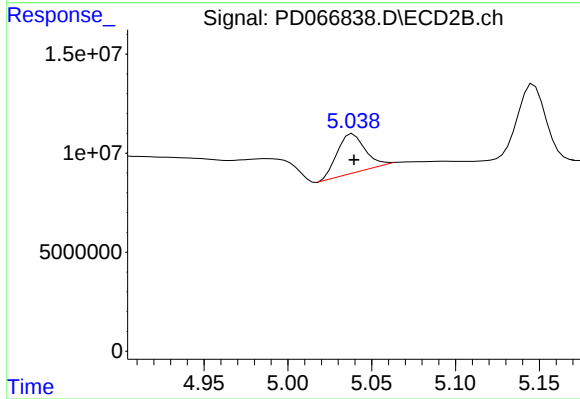
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 25007622  
Conc: 5.08 ng/ml



#7 delta-BHC

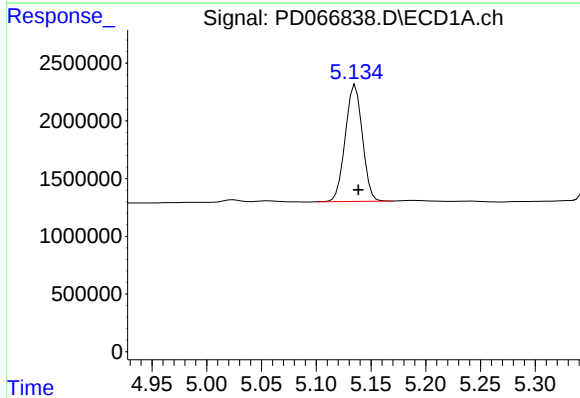
R.T.: 4.606 min  
Delta R.T.: -0.003 min  
Response: 3860317  
Conc: 1.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



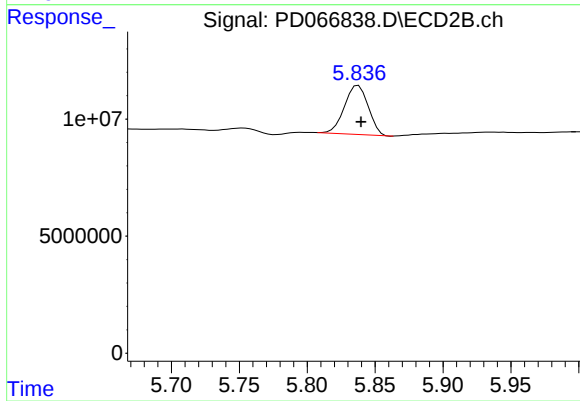
#7 delta-BHC

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 22569284  
Conc: 2.28 ng/ml



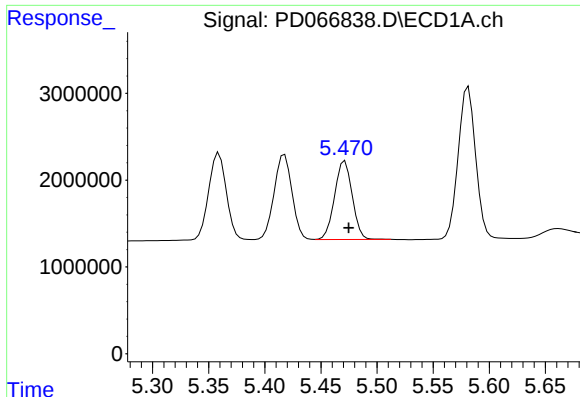
#8 Heptachlor epoxide

R.T.: 5.136 min  
Delta R.T.: -0.003 min  
Response: 10988031  
Conc: 4.32 ng/ml



#8 Heptachlor epoxide

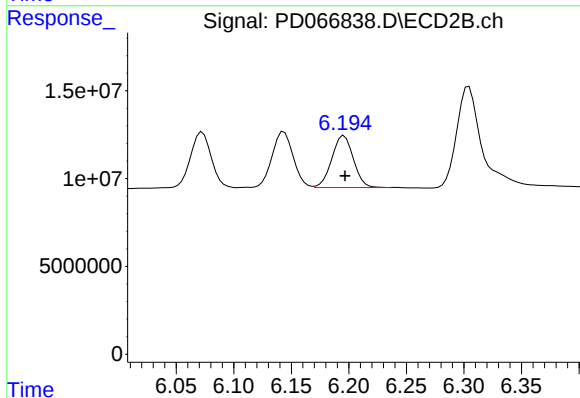
R.T.: 5.838 min  
Delta R.T.: -0.002 min  
Response: 25620207  
Conc: 3.41 ng/ml



#9 Endosulfan I

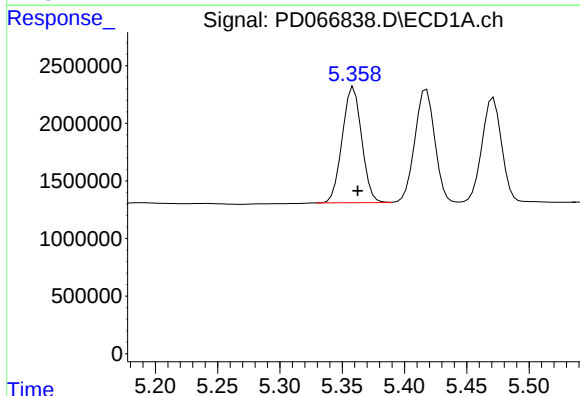
R.T.: 5.471 min  
Delta R.T.: -0.003 min  
Response: 9933203  
Conc: 4.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



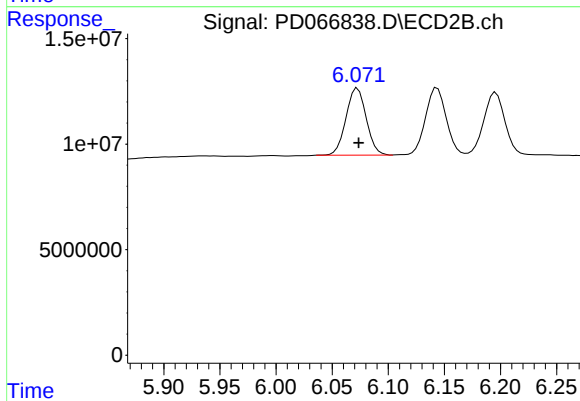
#9 Endosulfan I

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 38617659  
Conc: 4.94 ng/ml



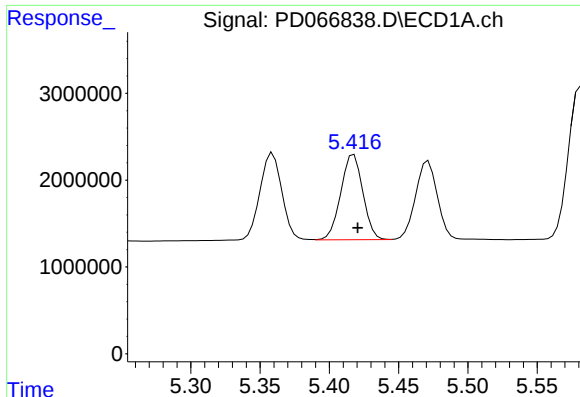
#10 trans-Chlordane

R.T.: 5.359 min  
Delta R.T.: -0.003 min  
Response: 10969988  
Conc: 4.24 ng/ml



#10 trans-Chlordane

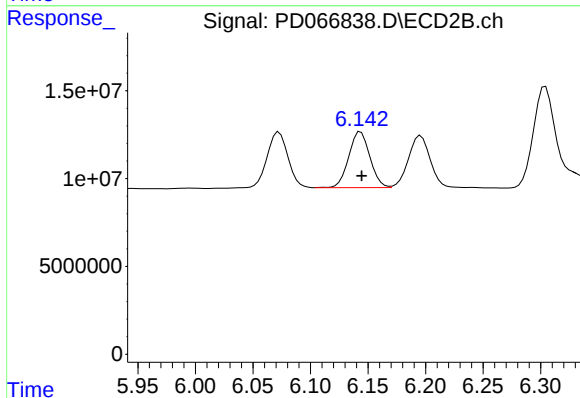
R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 39967355  
Conc: 4.64 ng/ml



#11 cis-Chlordane

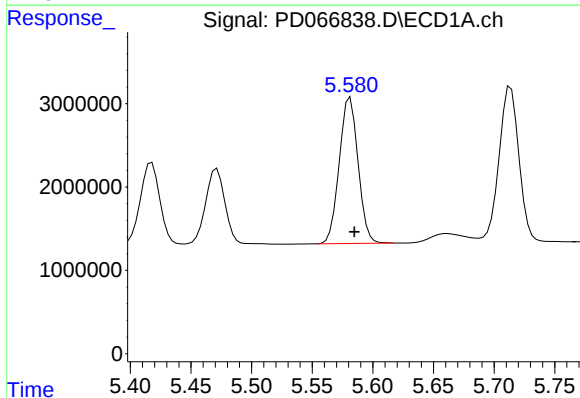
R.T.: 5.418 min  
Delta R.T.: -0.003 min  
Response: 10908293  
Conc: 4.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



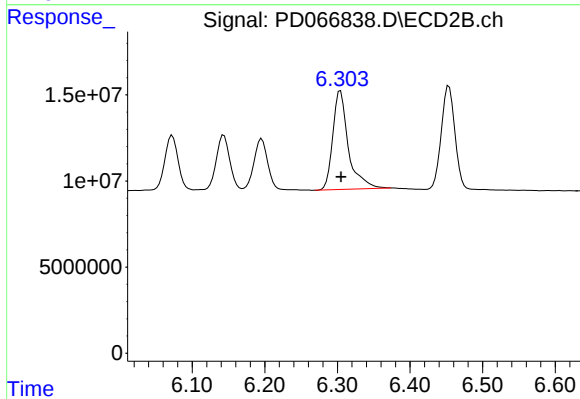
#11 cis-Chlordane

R.T.: 6.144 min  
Delta R.T.: -0.001 min  
Response: 41023065  
Conc: 4.78 ng/ml



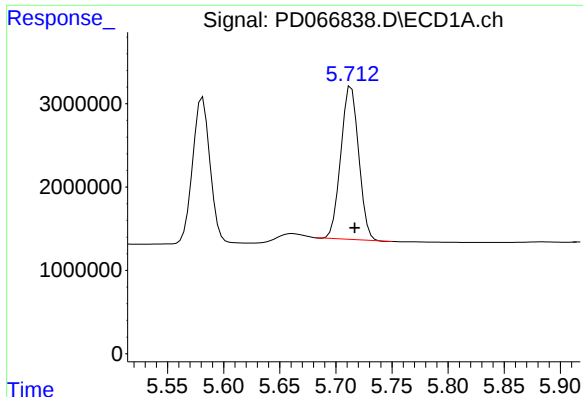
#12 4,4'-DDE

R.T.: 5.581 min  
Delta R.T.: -0.003 min  
Response: 18921087  
Conc: 8.28 ng/ml



#12 4,4'-DDE

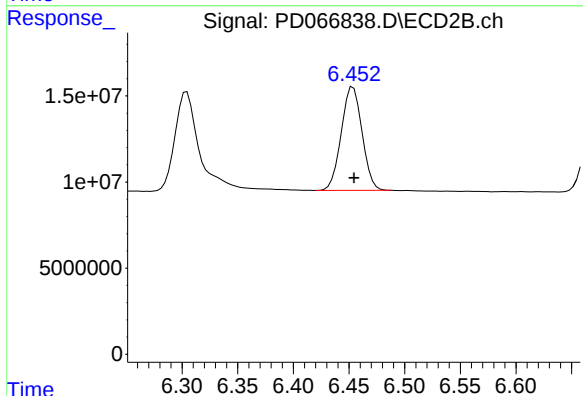
R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 85671609  
Conc: 11.25 ng/ml



#13 Dieldrin

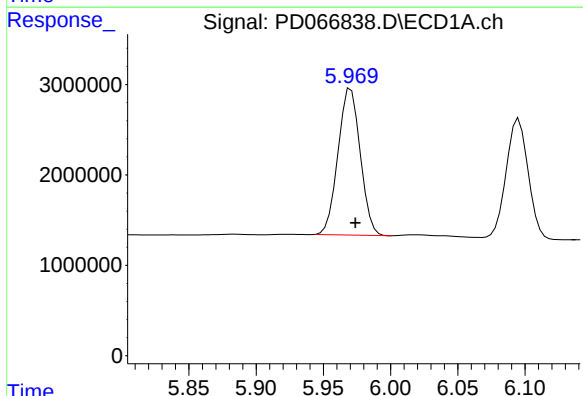
R.T.: 5.714 min  
Delta R.T.: -0.003 min  
Response: 20284663  
Conc: 8.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



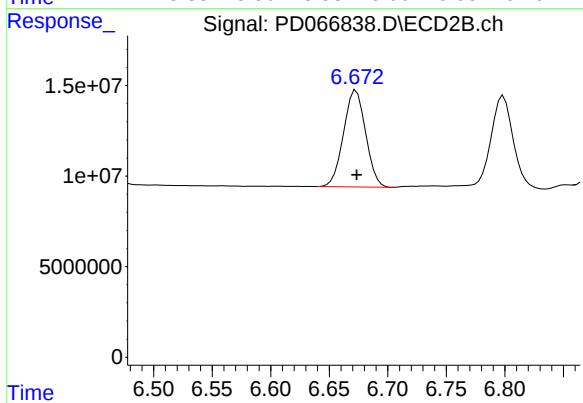
#13 Dieldrin

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 78232380  
Conc: 9.81 ng/ml



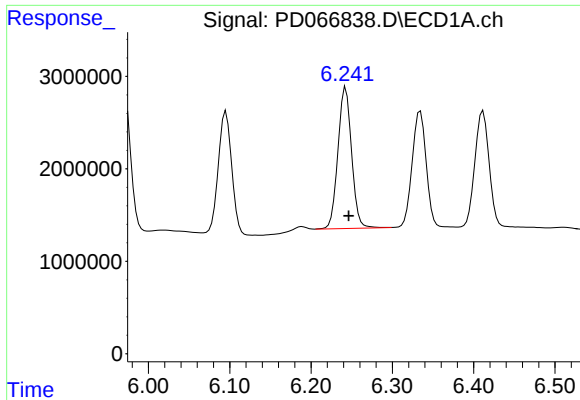
#14 Endrin

R.T.: 5.970 min  
Delta R.T.: -0.003 min  
Response: 18619672  
Conc: 8.80 ng/ml



#14 Endrin

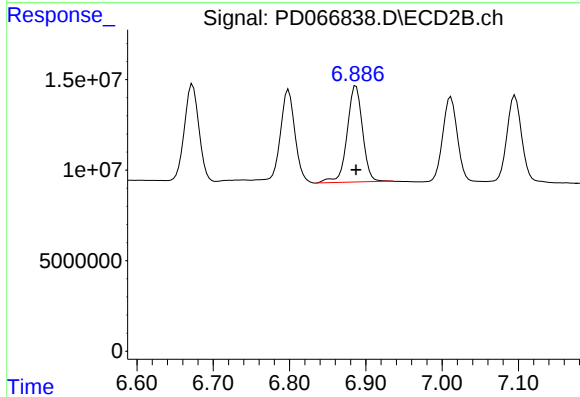
R.T.: 6.673 min  
Delta R.T.: 0.000 min  
Response: 70099812  
Conc: 10.33 ng/ml



#15 Endosulfan II

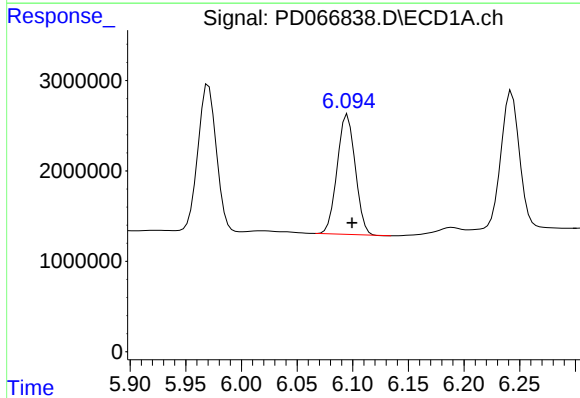
R.T.: 6.243 min  
Delta R.T.: -0.004 min  
Response: 17827233  
Conc: 8.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



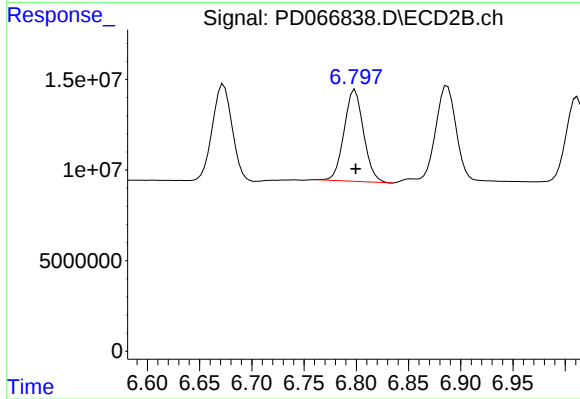
#15 Endosulfan II

R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 74926951  
Conc: 10.45 ng/ml



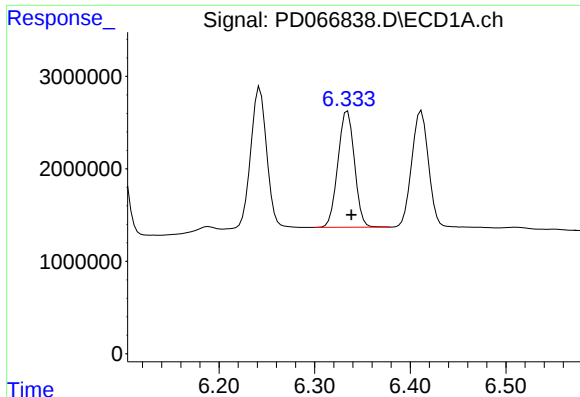
#16 4,4'-DDD

R.T.: 6.095 min  
Delta R.T.: -0.004 min  
Response: 14968152  
Conc: 8.27 ng/ml



#16 4,4'-DDD

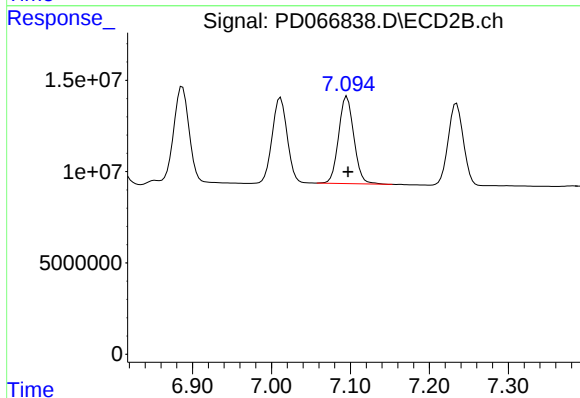
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 65560180  
Conc: 10.16 ng/ml



#17 4,4'-DDT

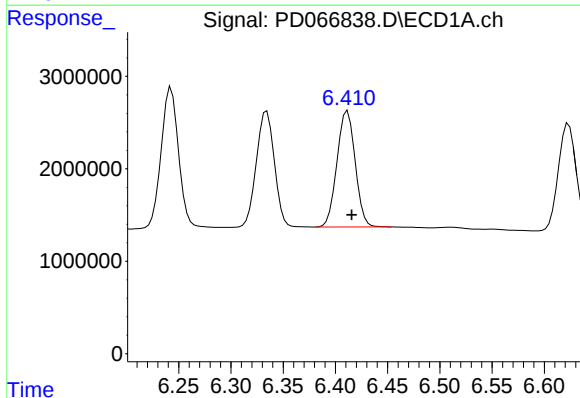
R.T.: 6.334 min  
Delta R.T.: -0.004 min  
Response: 15134651  
Conc: 8.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



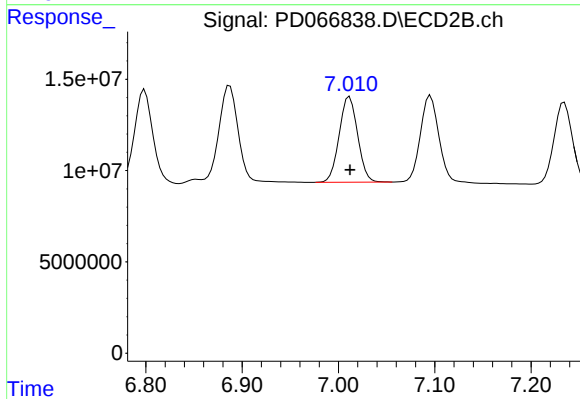
#17 4,4'-DDT

R.T.: 7.096 min  
Delta R.T.: -0.001 min  
Response: 63949733  
Conc: 9.68 ng/ml



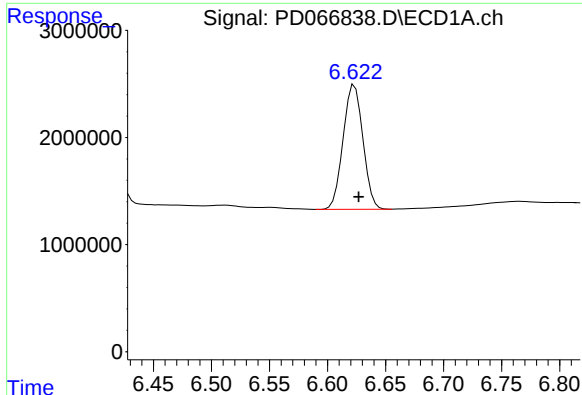
#18 Endrin aldehyde

R.T.: 6.412 min  
Delta R.T.: -0.004 min  
Response: 15232998  
Conc: 10.46 ng/ml



#18 Endrin aldehyde

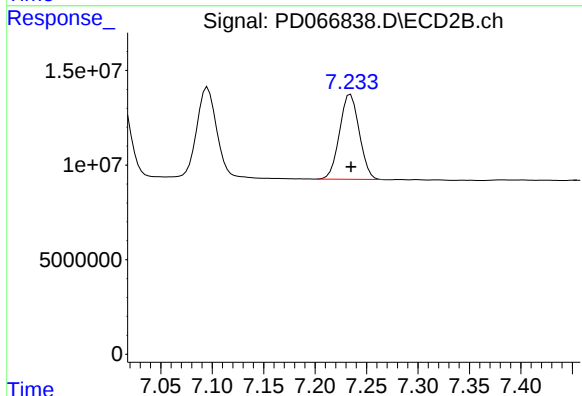
R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 62232863  
Conc: 11.70 ng/ml



#19 Endosulfan Sulfate

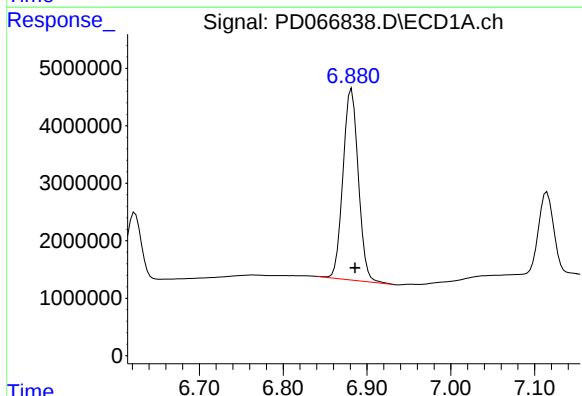
R.T.: 6.623 min  
Delta R.T.: -0.004 min  
Response: 13799601  
Conc: 7.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



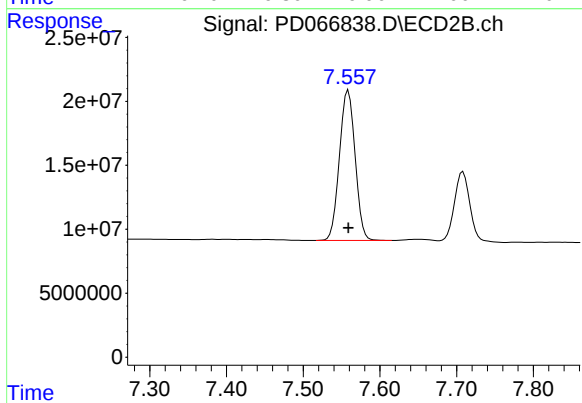
#19 Endosulfan Sulfate

R.T.: 7.234 min  
Delta R.T.: 0.000 min  
Response: 59801486  
Conc: 8.68 ng/ml



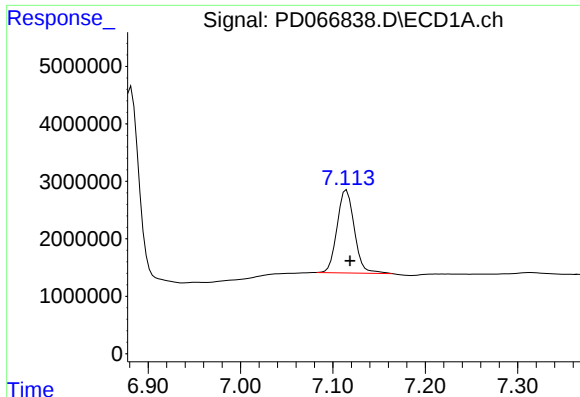
#20 Methoxychlor

R.T.: 6.882 min  
Delta R.T.: -0.004 min  
Response: 42255943  
Conc: 45.09 ng/ml



#20 Methoxychlor

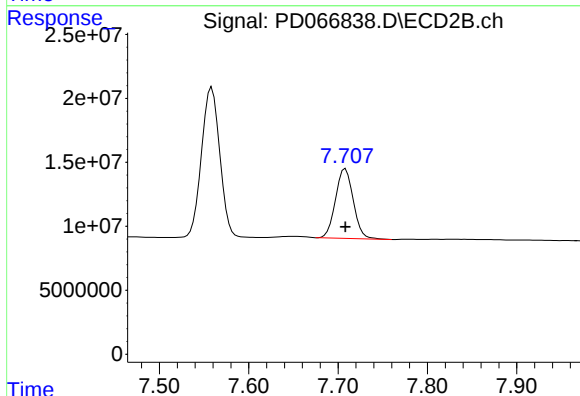
R.T.: 7.559 min  
Delta R.T.: 0.000 min  
Response: 166972231  
Conc: 51.67 ng/ml



#21 Endrin ketone

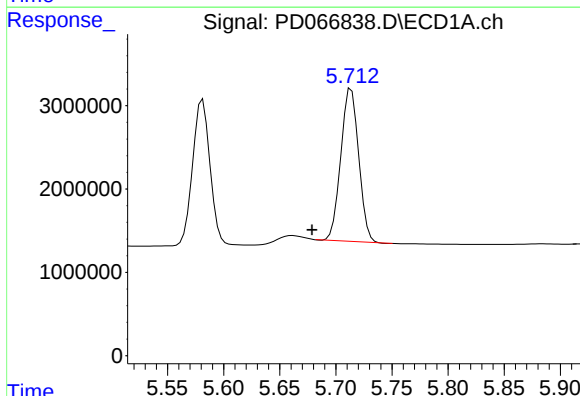
R.T.: 7.115 min  
Delta R.T.: -0.004 min  
Response: 18751223  
Conc: 9.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



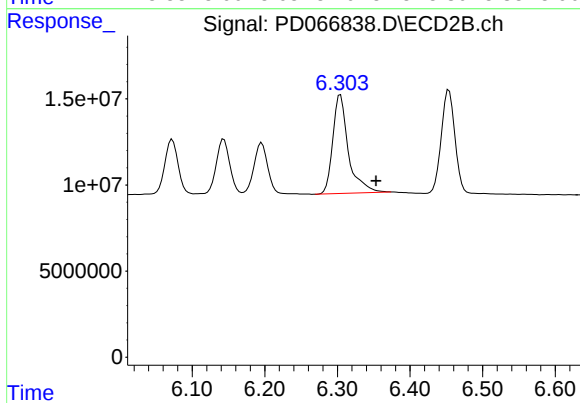
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: 0.000 min  
Response: 75181742  
Conc: 9.59 ng/ml



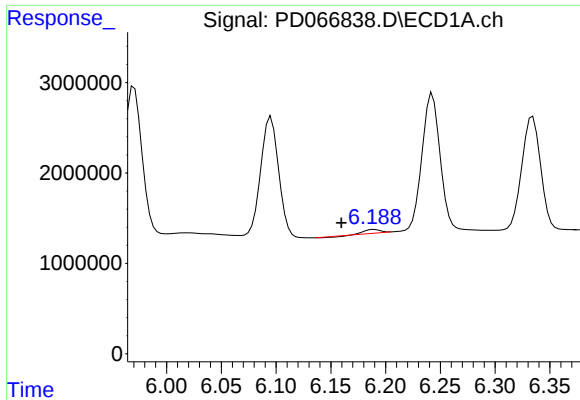
#22 Toxaphene-1

R.T.: 5.714 min  
Delta R.T.: 0.035 min  
Response: 20284663  
Conc: 1289.71 ng/ml



#22 Toxaphene-1

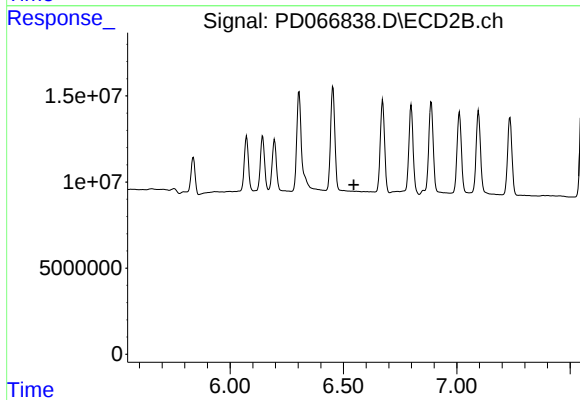
R.T.: 6.304 min  
Delta R.T.: -0.049 min  
Response: 85671609  
Conc: 2119.42 ng/ml



#23 Toxaphene-2

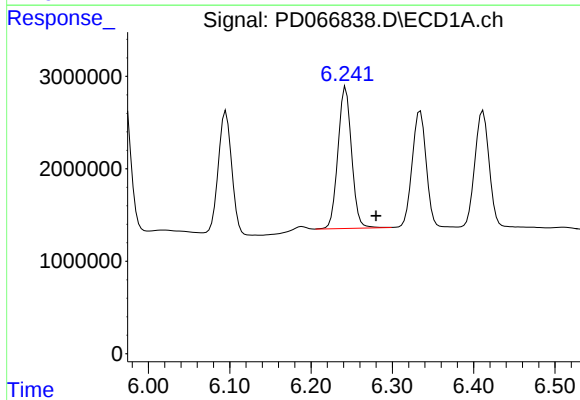
R.T.: 6.189 min  
Delta R.T.: 0.030 min  
Response: 329783  
Conc: 20.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



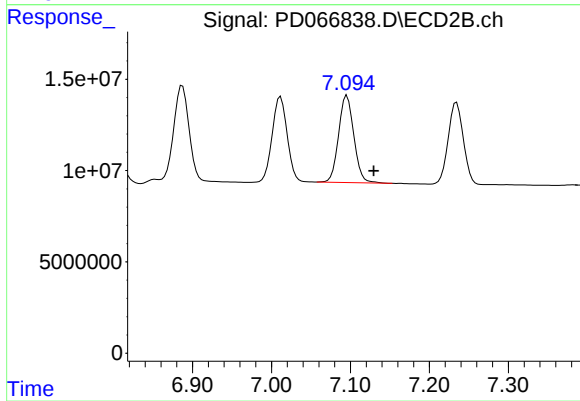
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.545 min  
Response: 0  
Conc: N.D.



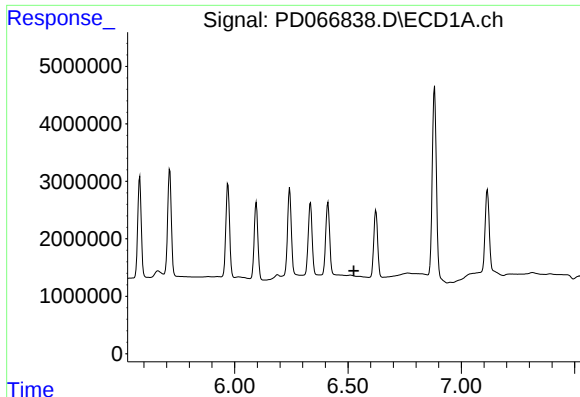
#24 Toxaphene-3

R.T.: 6.243 min  
Delta R.T.: -0.037 min  
Response: 17827233  
Conc: 479.26 ng/ml



#24 Toxaphene-3

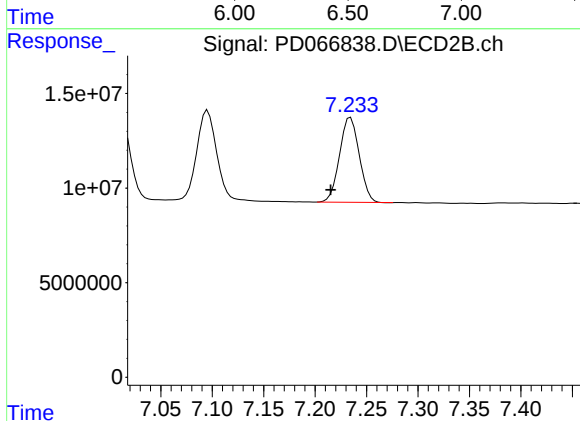
R.T.: 7.096 min  
Delta R.T.: -0.034 min  
Response: 63949733  
Conc: 562.00 ng/ml



#25 Toxaphene-4

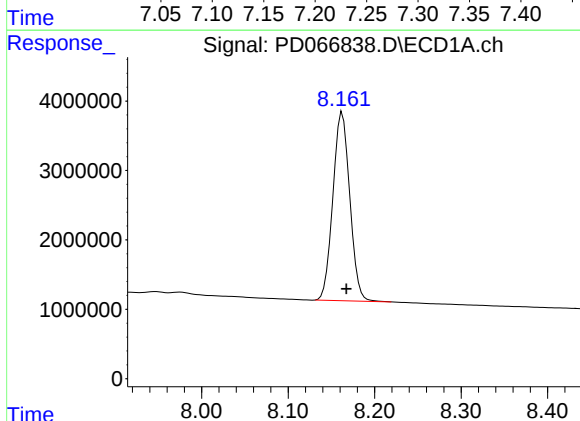
R.T.: 0.000 min  
Exp R.T.: 6.525 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



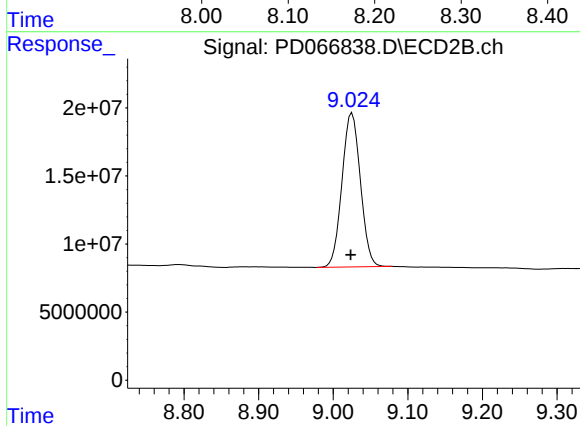
#25 Toxaphene-4

R.T.: 7.234 min  
Delta R.T.: 0.019 min  
Response: 59801486  
Conc: 529.04 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.163 min  
Delta R.T.: -0.005 min  
Response: 36727209  
Conc: 31.35 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.002 min  
Response: 193999946  
Conc: 37.20 ng/ml