

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050621\  
 Data File : PD062749.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2021 22:53  
 Operator : AR\AJ  
 Sample : PB136155BS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB136155BS

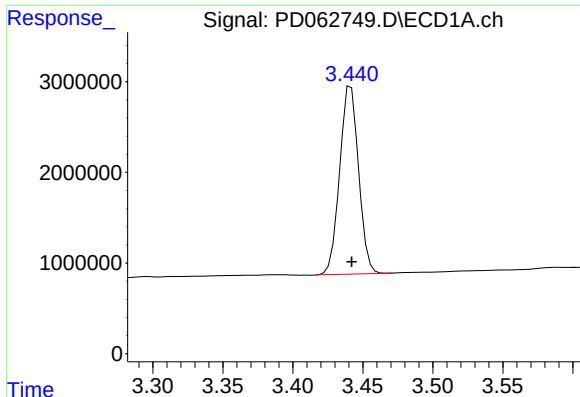
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 05:49:37 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 06 04:53:33 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.442 | 3.972  | 19550034         | 227.6E6 | 21.986   | 19.656 |
| 28)                         | SA Decachlor... | 8.201 | 9.031  | 20524696         | 222.4E6 | 19.387   | 19.277 |
| Target Compounds            |                 |       |        |                  |         |          |        |
| 2)                          | A alpha-BHC     | 0.000 | 4.369  | 0 11585243       | N.D.    | 0.602 #  |        |
| 3)                          | MA gamma-BHC... | 0.000 | 4.664f | 0 2236047        | N.D.    | 0.129 #  |        |
| 4)                          | MA Heptachlor   | 4.463 | 5.153  | 9622720 169.0E6  | 7.580   | 9.628 #  |        |
| 5)                          | MB Aldrin       | 0.000 | 5.432f | 0 104.8E6        | N.D.    | 6.268 #  |        |
| 6)                          | B beta-BHC      | 0.000 | 4.841f | 0 12643880       | N.D.    | 1.658 #  |        |
| 7)                          | B delta-BHC     | 0.000 | 5.028  | 0 19948667       | N.D.    | 1.096 #  |        |
| 8)                          | B Heptachlo...  | 0.000 | 5.829f | 0 73745961       | N.D.    | 4.514 #  |        |
| 9)                          | A Endosulfan I  | 0.000 | 6.196  | 0 3182615        | N.D.    | 0.216 #  |        |
| 10)                         | B gamma-Chl...  | 5.382 | 6.078  | 20844286 424.7E6 | 17.709  | 26.691 # |        |
| 11)                         | B alpha-Chl...  | 5.440 | 6.152  | 17384195 491.0E6 | 15.010  | 32.165 # |        |
| 12)                         | B 4,4'-DDE      | 0.000 | 6.303  | 0 2219631        | N.D.    | 0.140 #  |        |
| 13)                         | MA Dieldrin     | 0.000 | 6.456  | 0 18318127       | N.D.    | 1.134 #  |        |
| 14)                         | MA Endrin       | 0.000 | 6.696f | 0 6958592        | N.D.    | 0.495 #  |        |
| 15)                         | B Endosulfa...  | 6.278 | 6.896  | 8350722 7536556  | 8.016   | 0.564 #  |        |
| 16)                         | A 4,4'-DDD      | 0.000 | 6.816f | 0 23659075       | N.D.    | 1.831 #  |        |
| 17)                         | MA 4,4'-DDT     | 0.000 | 7.105  | 0 5263278        | N.D.    | 0.413 #  |        |
| 18)                         | B Endrin al...  | 0.000 | 7.000  | 0 9278118        | N.D.    | 0.795 #  |        |
| 19)                         | B Endosulfa...  | 0.000 | 7.231  | 0 2318243        | N.D.    | 0.167 #  |        |
| 21)                         | B Endrin ke...  | 0.000 | 7.731f | 0 3336803        | N.D.    | 0.246 #  |        |
| 22)                         | Mirex           | 0.000 | 8.168  | 0 18202422       | N.D.    | 1.987 #  |        |
| 23)                         | Chlordane-1     | 4.311 | 4.965  | 6182492 113.3E6  | 175.324 | 197.585  |        |
| 24)                         | Chlordane-2     | 4.813 | 5.432  | 8723690 104.8E6  | 214.194 | 196.358  |        |
| 25)                         | Chlordane-3     | 5.382 | 6.078  | 20844286 424.7E6 | 175.908 | 190.020  |        |
| 26)                         | Chlordane-4     | 5.440 | 6.152  | 17384195 491.0E6 | 179.265 | 190.376  |        |
| 27)                         | Chlordane-5     | 6.278 | 6.956  | 8350722 97372899 | 191.562 | 197.975  |        |
| -----                       |                 |       |        |                  |         |          |        |

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

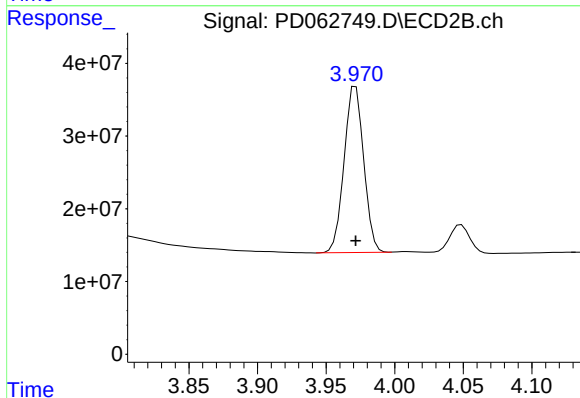




#1 Tetrachloro-m-xylene

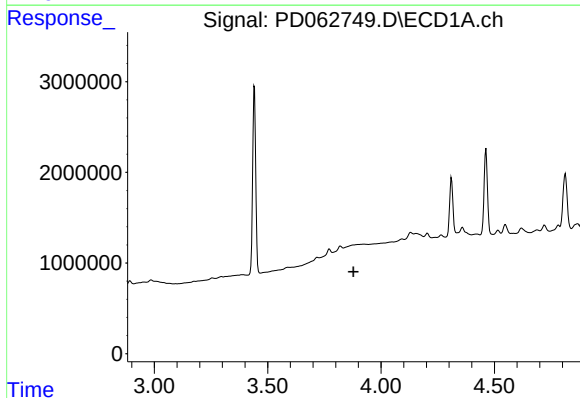
R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 19550034  
Conc: 21.99 ng/ml

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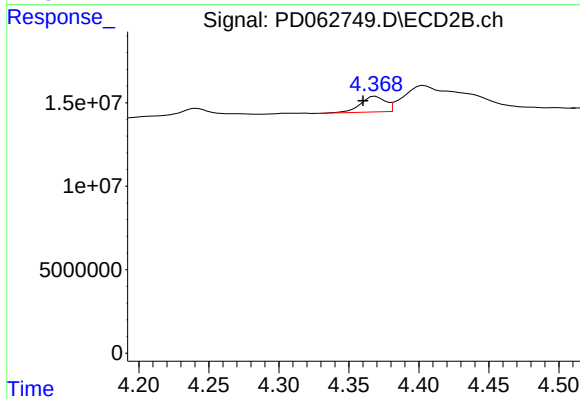
#1 Tetrachloro-m-xylene

R.T.: 3.972 min  
Delta R.T.: 0.000 min  
Response: 227556405  
Conc: 19.66 ng/ml



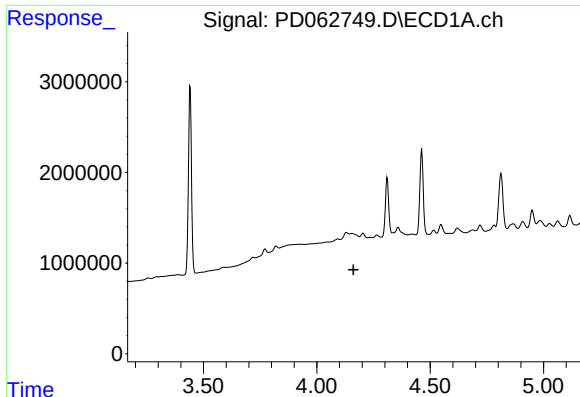
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.879 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

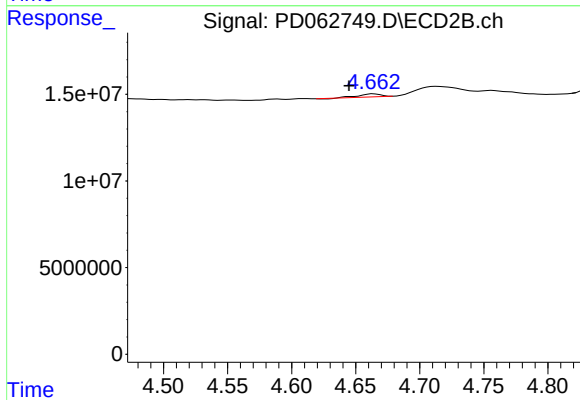
R.T.: 4.369 min  
Delta R.T.: 0.009 min  
Response: 11585243  
Conc: 0.60 ng/ml



#3 gamma-BHC (Lindane)

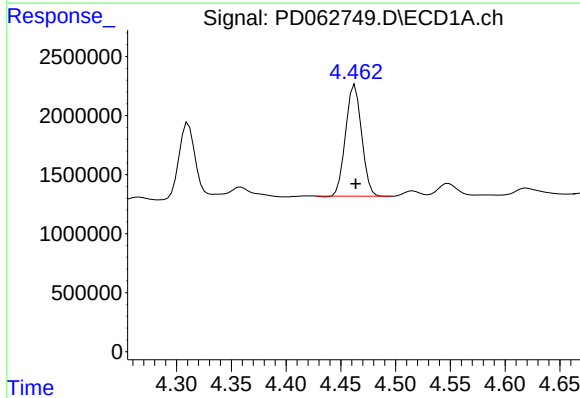
R.T.: 0.000 min  
Exp R.T.: 4.162 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



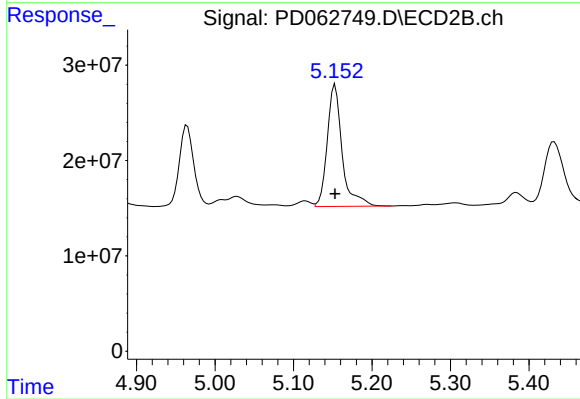
#3 gamma-BHC (Lindane)

R.T.: 4.664 min  
Delta R.T.: 0.019 min  
Response: 2236047  
Conc: 0.13 ng/ml



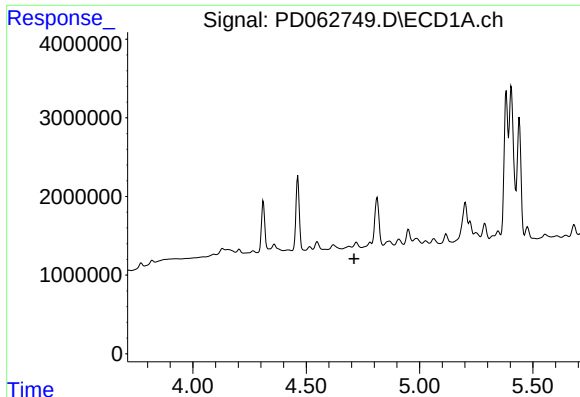
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 9622720  
Conc: 7.58 ng/ml



#4 Heptachlor

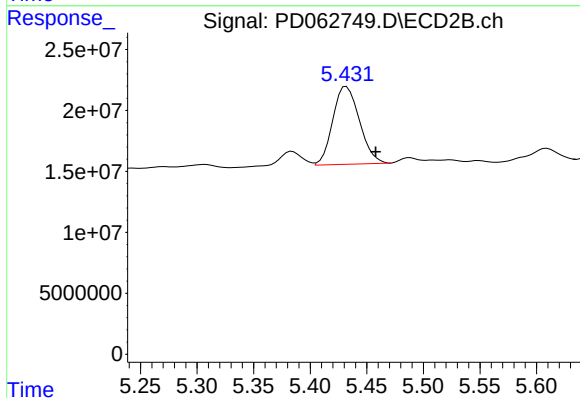
R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 168983139  
Conc: 9.63 ng/ml



#5 Aldrin

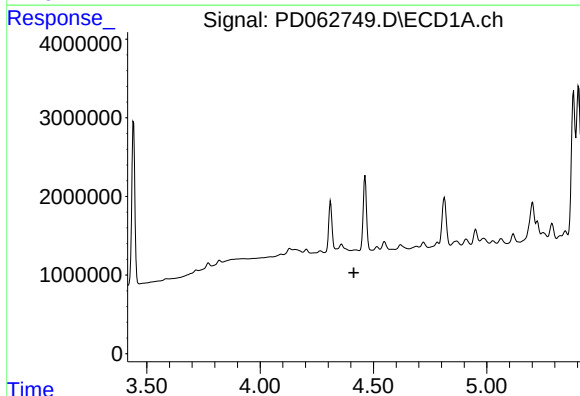
R.T.: 0.000 min  
Exp R.T.: 4.712 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



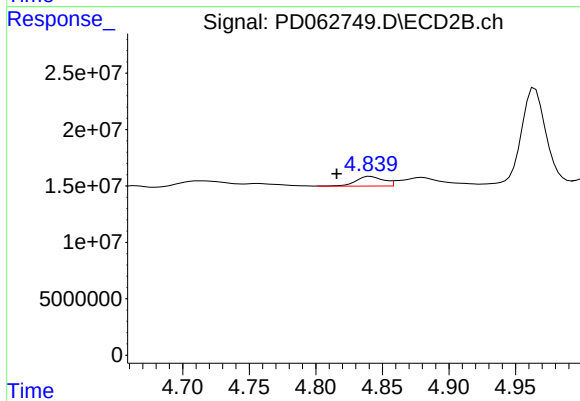
#5 Aldrin

R.T.: 5.432 min  
Delta R.T.: -0.026 min  
Response: 104829285  
Conc: 6.27 ng/ml



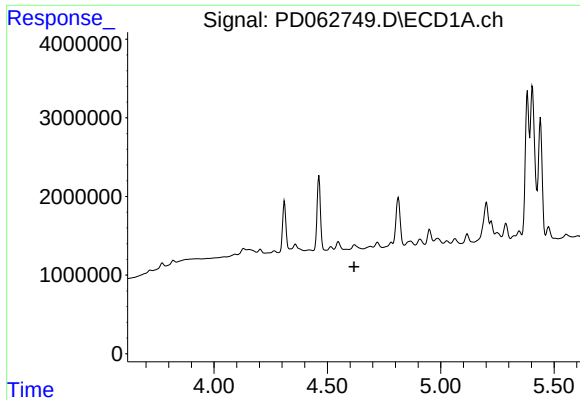
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.413 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

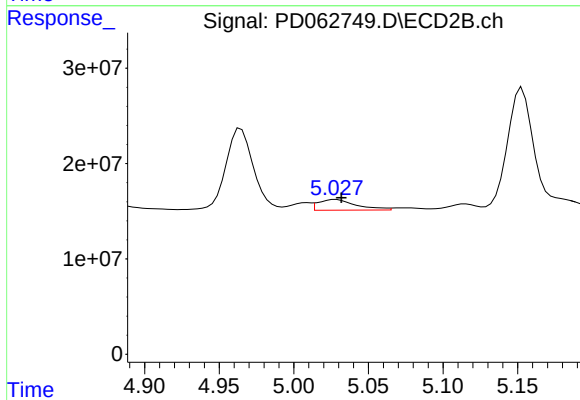
R.T.: 4.841 min  
Delta R.T.: 0.025 min  
Response: 12643880  
Conc: 1.66 ng/ml



#7 delta-BHC

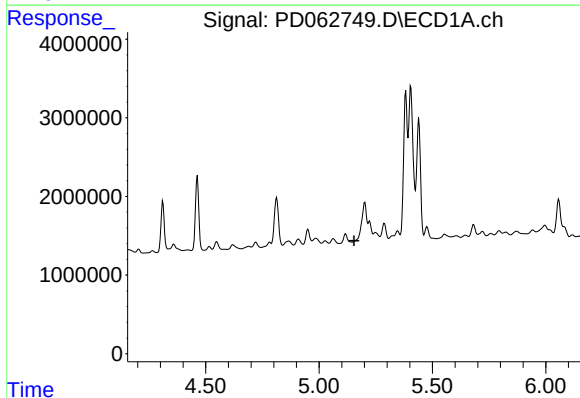
R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



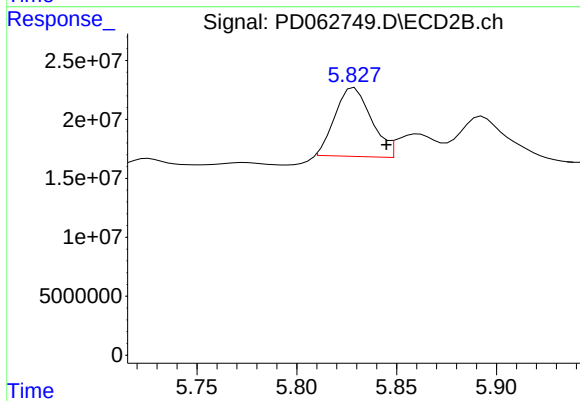
#7 delta-BHC

R.T.: 5.028 min  
Delta R.T.: -0.004 min  
Response: 19948667  
Conc: 1.10 ng/ml



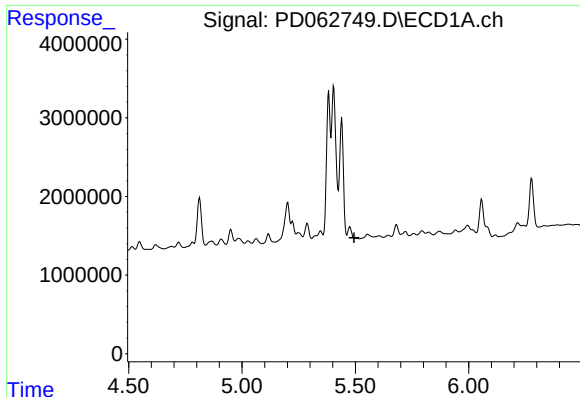
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.155 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

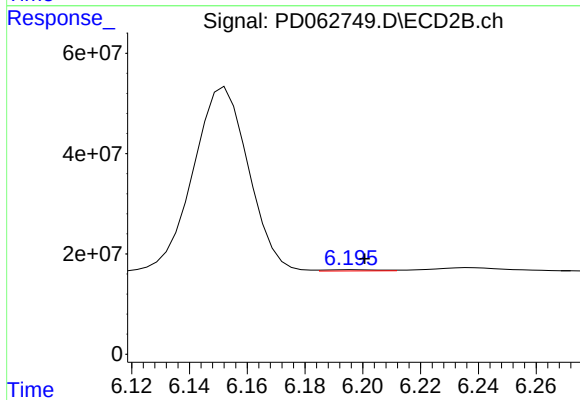
R.T.: 5.829 min  
Delta R.T.: -0.016 min  
Response: 73745961  
Conc: 4.51 ng/ml



#9 Endosulfan I

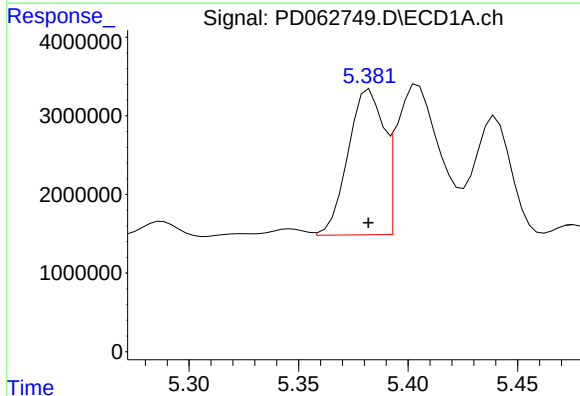
R.T.: 0.000 min  
Exp R.T.: 5.495 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



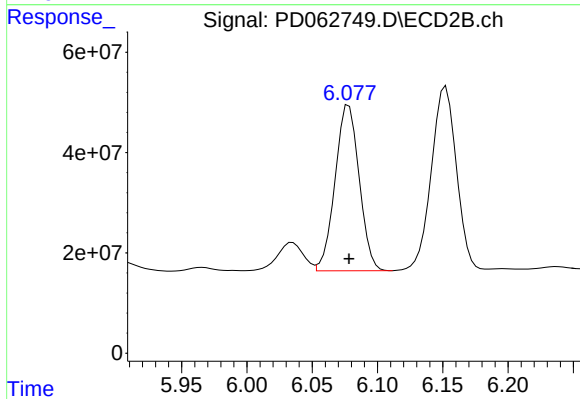
#9 Endosulfan I

R.T.: 6.196 min  
Delta R.T.: -0.004 min  
Response: 3182615  
Conc: 0.22 ng/ml



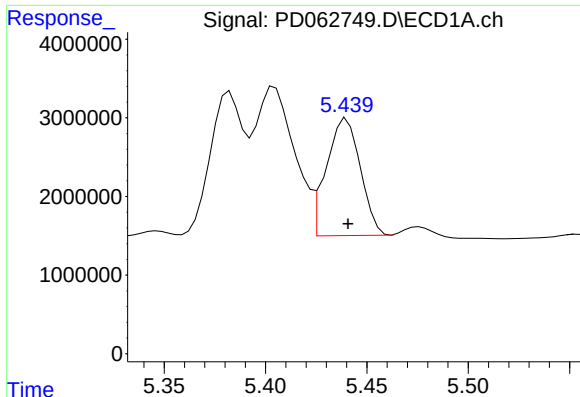
#10 gamma-Chlordane

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 20844286  
Conc: 17.71 ng/ml



#10 gamma-Chlordane

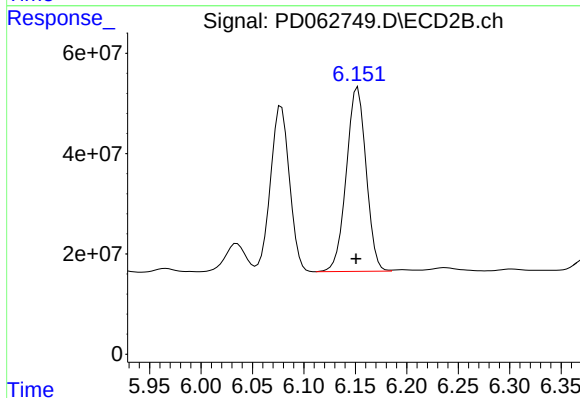
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 424677718  
Conc: 26.69 ng/ml



#11 alpha-Chlordane

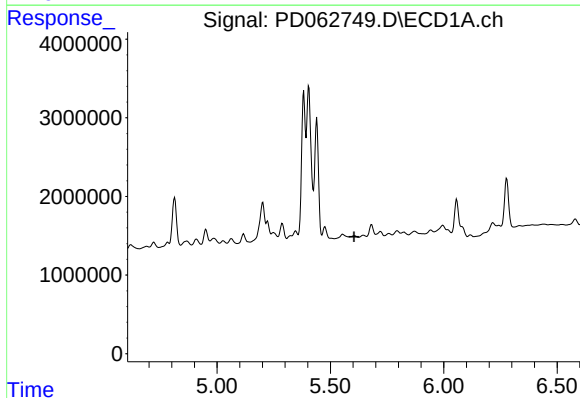
R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 17384195  
Conc: 15.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



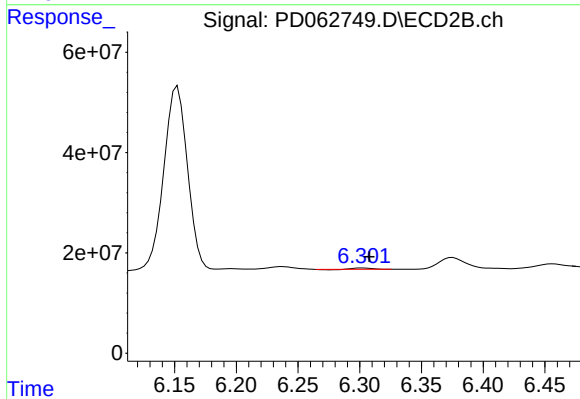
#11 alpha-Chlordane

R.T.: 6.152 min  
Delta R.T.: 0.002 min  
Response: 491035673  
Conc: 32.16 ng/ml



#12 4,4'-DDE

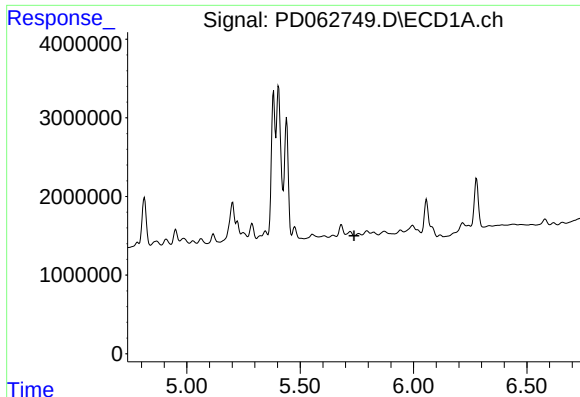
R.T.: 0.000 min  
Exp R.T. : 5.605 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 6.303 min  
Delta R.T.: -0.005 min  
Response: 2219631  
Conc: 0.14 ng/ml

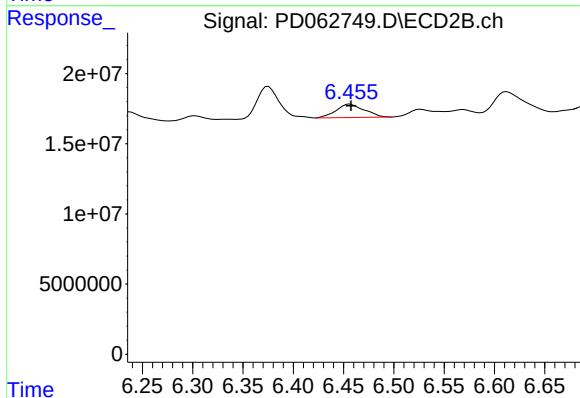




#13 Dieldrin

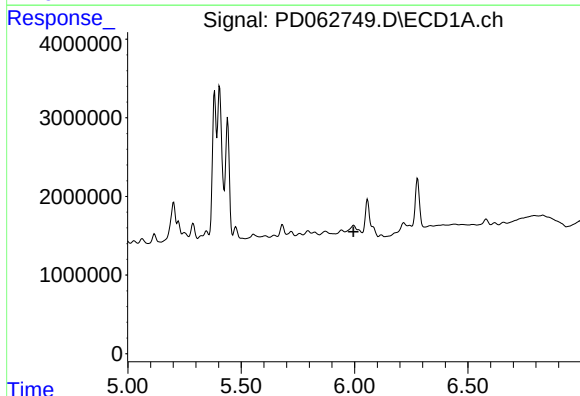
R.T.: 0.000 min  
Exp R.T.: 5.738 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



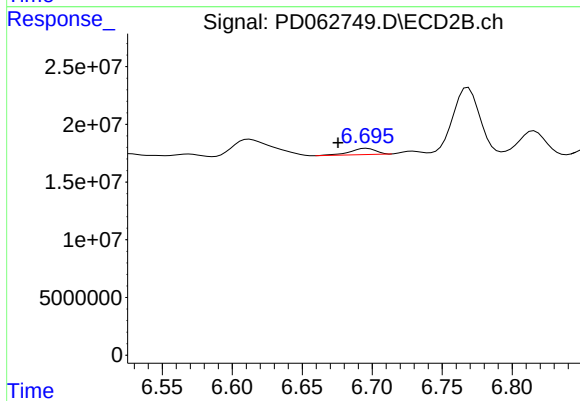
#13 Dieldrin

R.T.: 6.456 min  
Delta R.T.: -0.001 min  
Response: 18318127  
Conc: 1.13 ng/ml



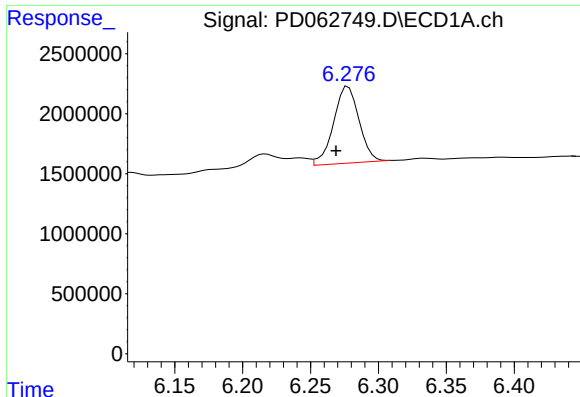
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 5.996 min  
Response: 0  
Conc: N.D.



#14 Endrin

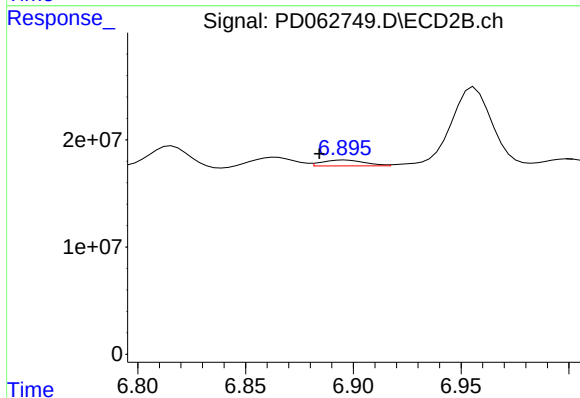
R.T.: 6.696 min  
Delta R.T.: 0.021 min  
Response: 6958592  
Conc: 0.49 ng/ml



#15 Endosulfan II

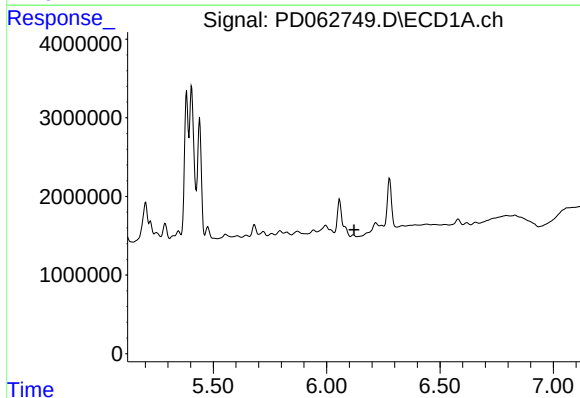
R.T.: 6.278 min  
Delta R.T.: 0.009 min  
Response: 8350722  
Conc: 8.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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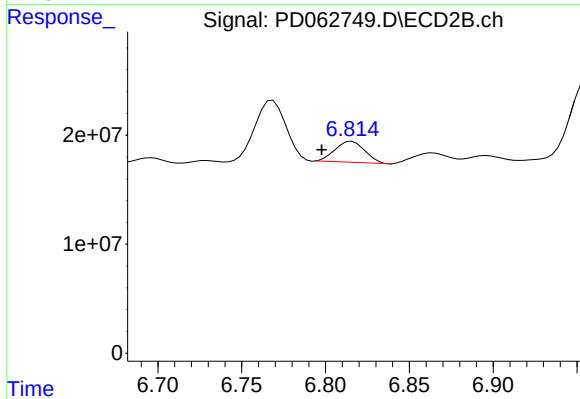
#15 Endosulfan II

R.T.: 6.896 min  
Delta R.T.: 0.012 min  
Response: 7536556  
Conc: 0.56 ng/ml



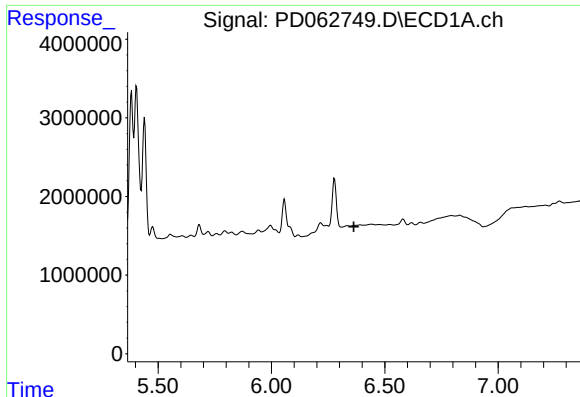
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.121 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

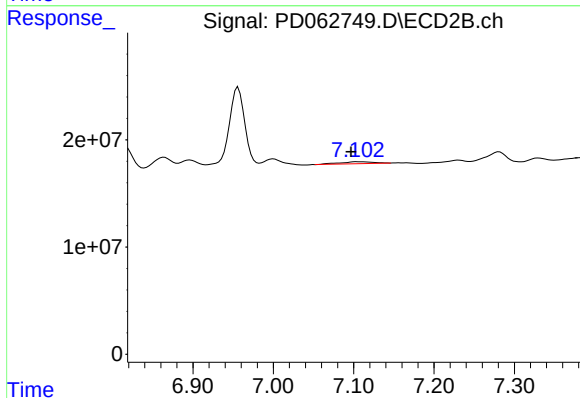
R.T.: 6.816 min  
Delta R.T.: 0.018 min  
Response: 23659075  
Conc: 1.83 ng/ml



#17 4,4'-DDT

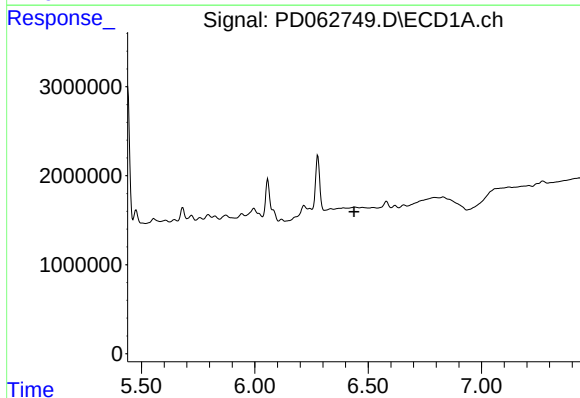
R.T.: 0.000 min  
Exp R.T.: 6.363 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



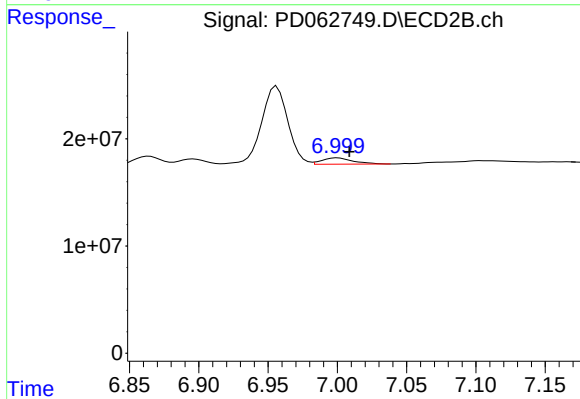
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: 0.008 min  
Response: 5263278  
Conc: 0.41 ng/ml



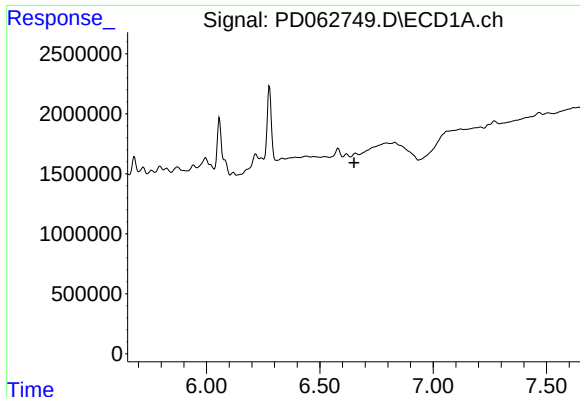
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.438 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

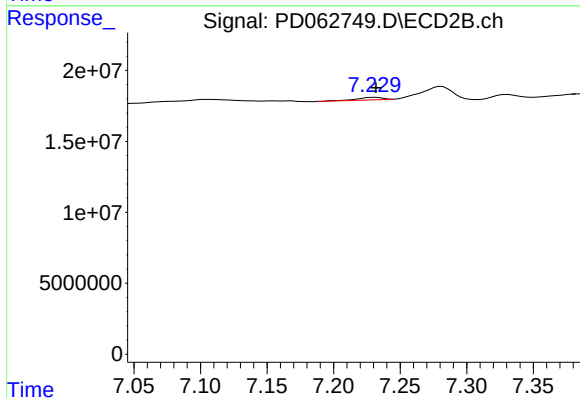
R.T.: 7.000 min  
Delta R.T.: -0.008 min  
Response: 9278118  
Conc: 0.80 ng/ml



#19 Endosulfan Sulfate

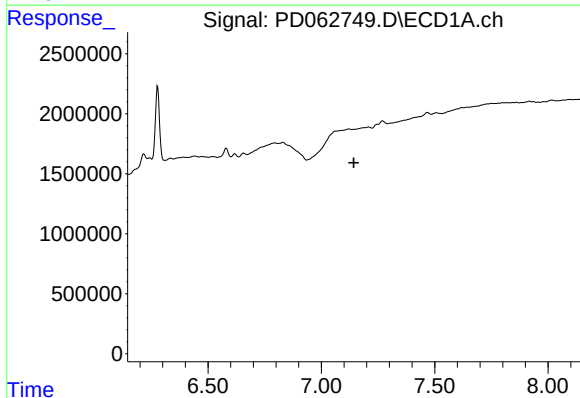
R.T.: 0.000 min  
Exp R.T.: 6.651 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
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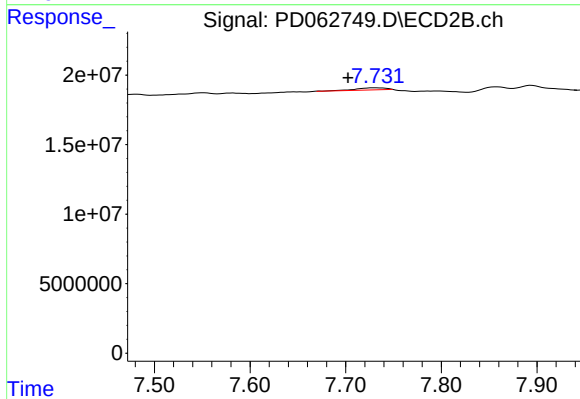
#19 Endosulfan Sulfate

R.T.: 7.231 min  
Delta R.T.: -0.001 min  
Response: 2318243  
Conc: 0.17 ng/ml



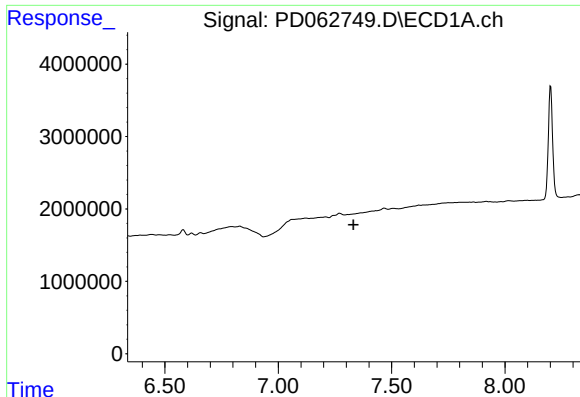
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.144 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

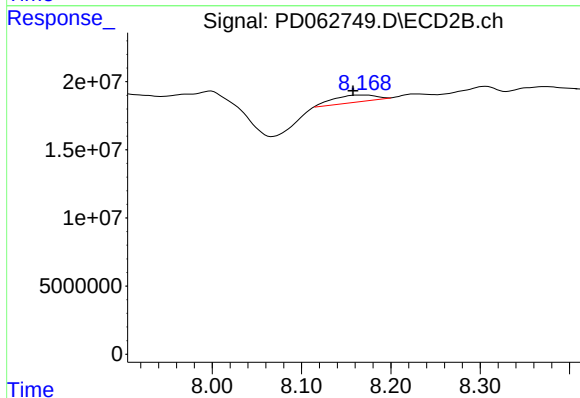
R.T.: 7.731 min  
Delta R.T.: 0.029 min  
Response: 3336803  
Conc: 0.25 ng/ml



#22 Mirex

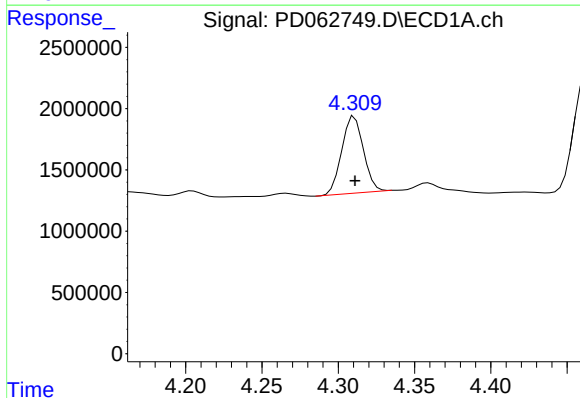
R.T.: 0.000 min  
Exp R.T.: 7.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



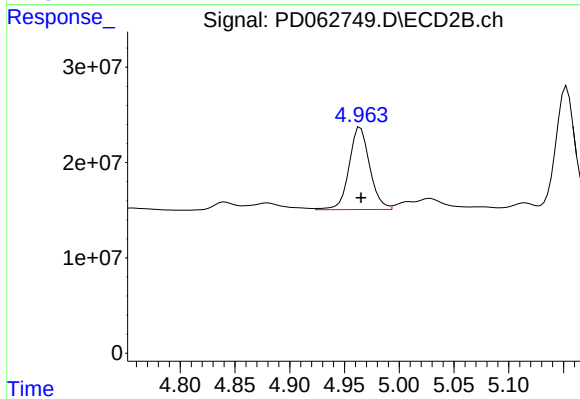
#22 Mirex

R.T.: 8.168 min  
Delta R.T.: 0.010 min  
Response: 18202422  
Conc: 1.99 ng/ml



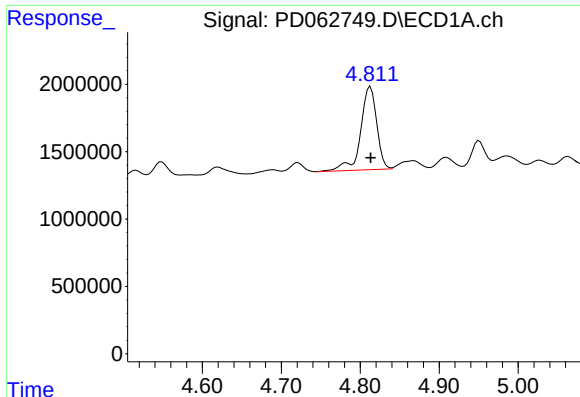
#23 Chlordane-1

R.T.: 4.311 min  
Delta R.T.: 0.000 min  
Response: 6182492  
Conc: 175.32 ng/ml



#23 Chlordane-1

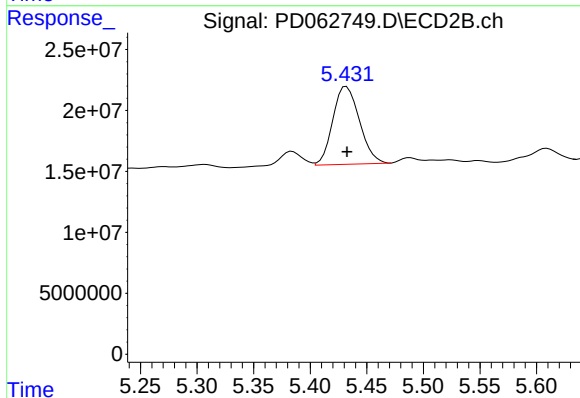
R.T.: 4.965 min  
Delta R.T.: 0.000 min  
Response: 113299892  
Conc: 197.58 ng/ml



#24 Chlordane-2

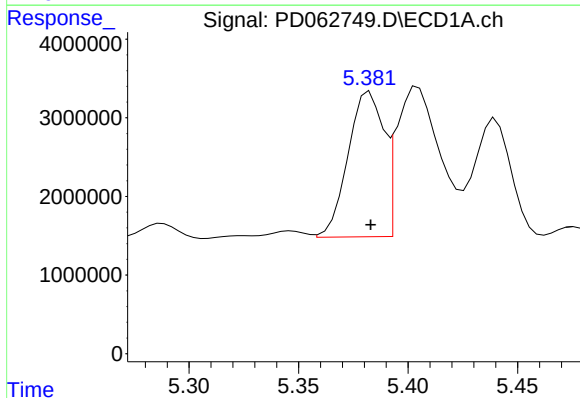
R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 8723690  
Conc: 214.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



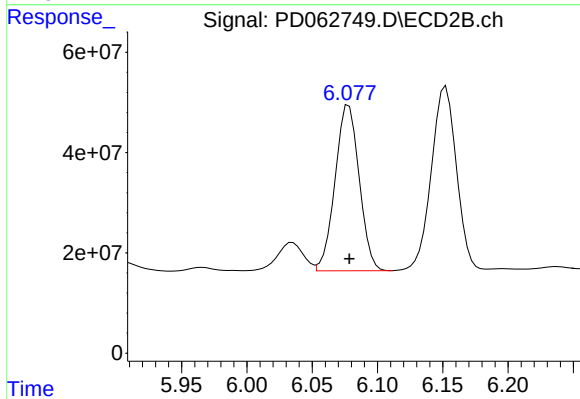
#24 Chlordane-2

R.T.: 5.432 min  
Delta R.T.: 0.000 min  
Response: 104829285  
Conc: 196.36 ng/ml



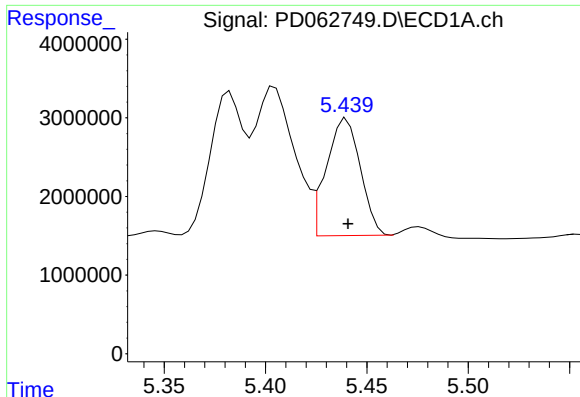
#25 Chlordane-3

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 20844286  
Conc: 175.91 ng/ml



#25 Chlordane-3

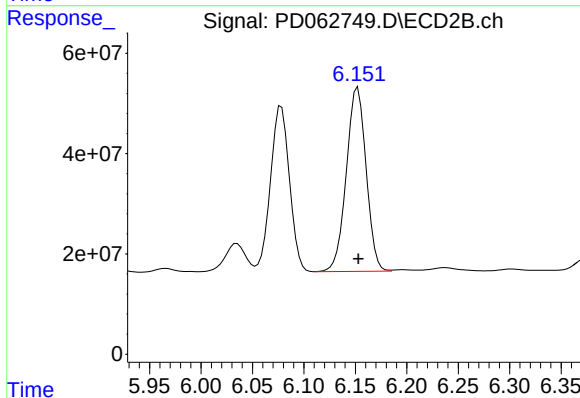
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 424677718  
Conc: 190.02 ng/ml



#26 Chlordane-4

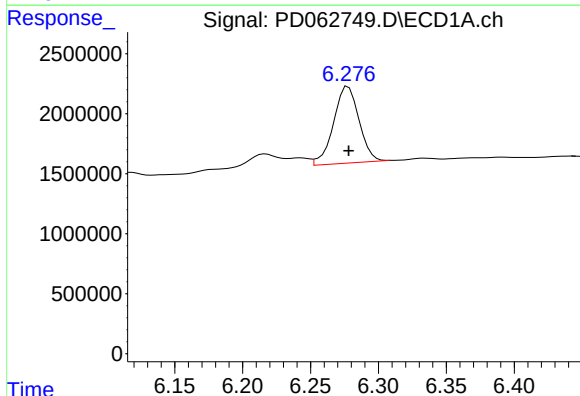
R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 17384195  
Conc: 179.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



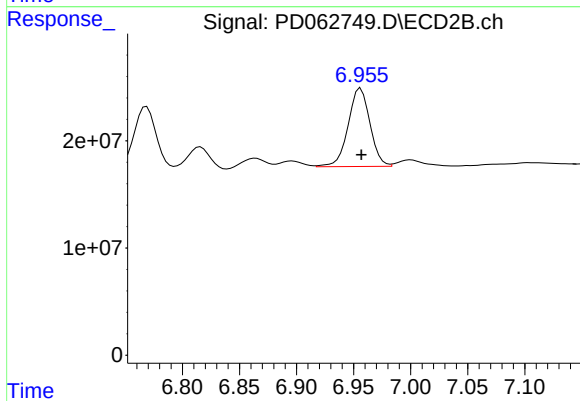
#26 Chlordane-4

R.T.: 6.152 min  
Delta R.T.: 0.000 min  
Response: 491035673  
Conc: 190.38 ng/ml



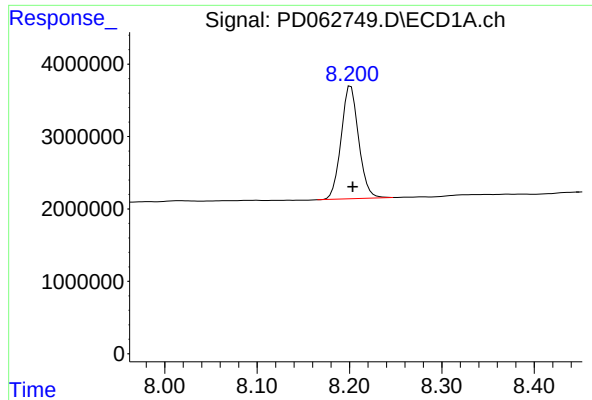
#27 Chlordane-5

R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 8350722  
Conc: 191.56 ng/ml



#27 Chlordane-5

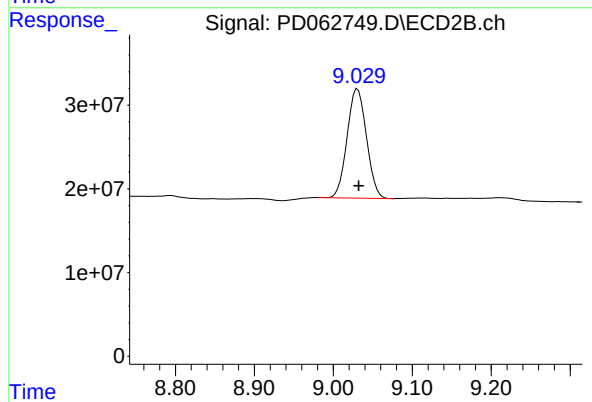
R.T.: 6.956 min  
Delta R.T.: 0.000 min  
Response: 97372899  
Conc: 197.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: -0.002 min  
Response: 20524696  
Conc: 19.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136155BS



#28 Decachlorobiphenyl

R.T.: 9.031 min  
Delta R.T.: -0.001 min  
Response: 222436310  
Conc: 19.28 ng/ml