

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062421\  
Data File : PD063979.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jun 2021 10:43  
Operator : AR\AJ  
Sample : PB137299BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

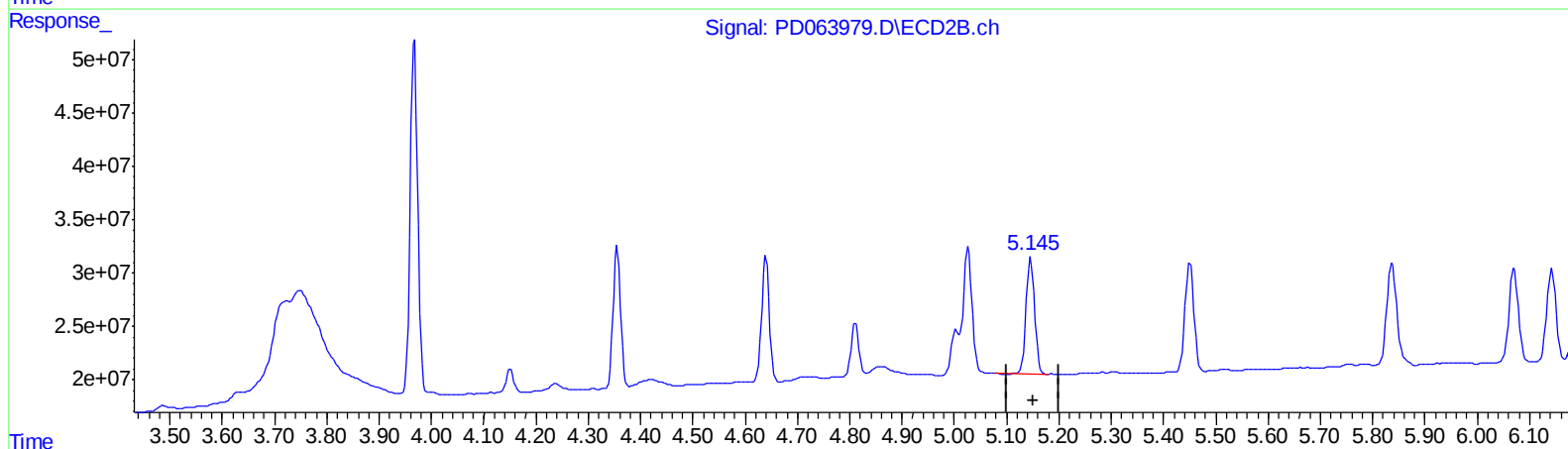
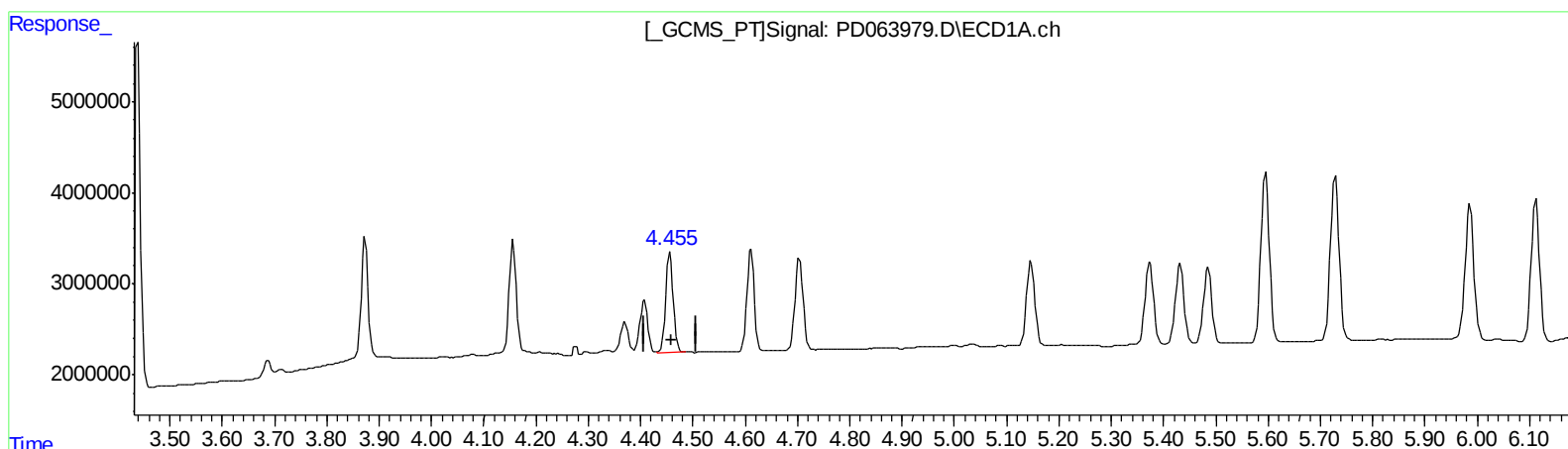
Instrument :  
ECD\_D  
ClientSampleId :  
PLCS299

Manual Integrations  
APPROVED

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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 08:42:36 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 21 04:24:00 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



QEdit

(4) Heptachlor (MA)  
4.456min 5.095 ng/ml  
response 11123953

(4) Heptachlor #2 (MA)  
5.146min 5.322 ng/ml  
response 123981947

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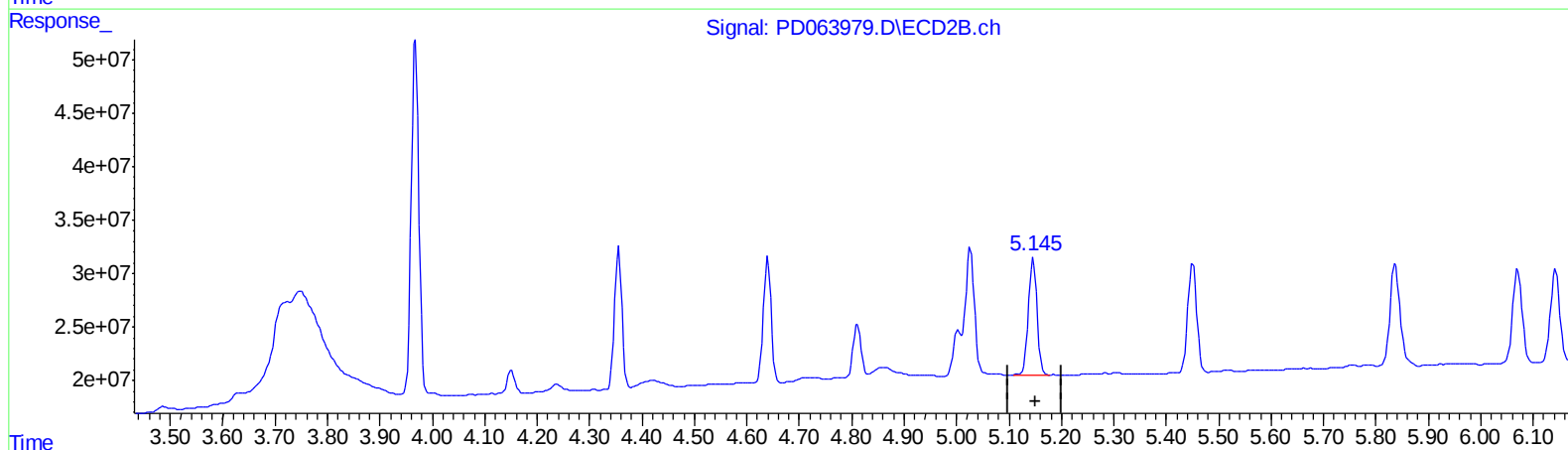
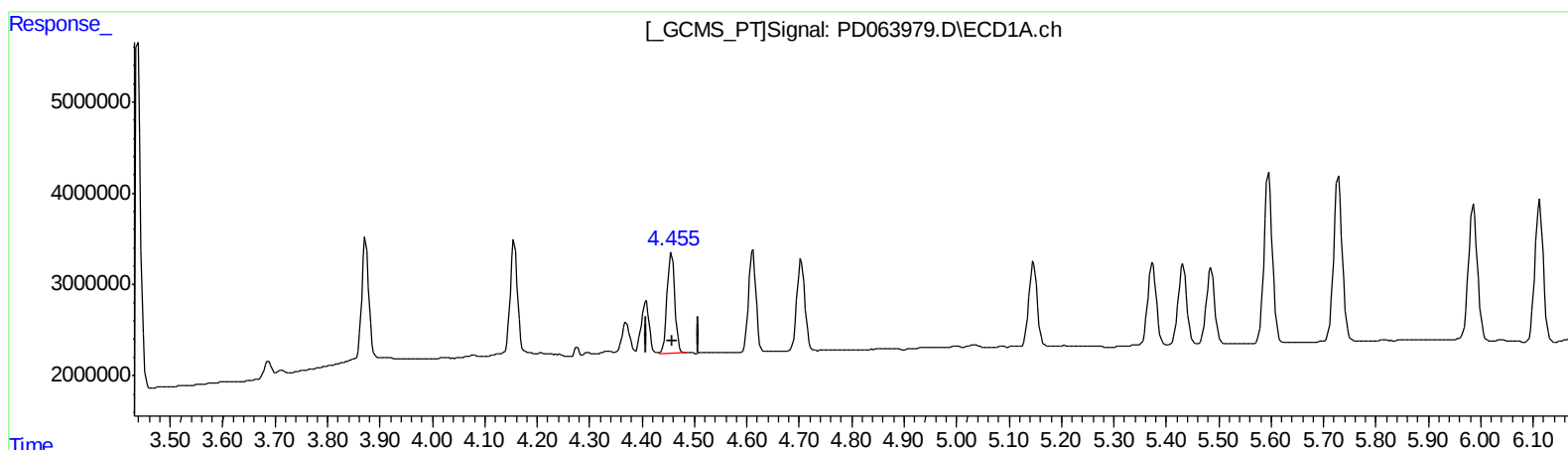
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response 11123953

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5.145min 5.379 ng/ml m  
response 125319871

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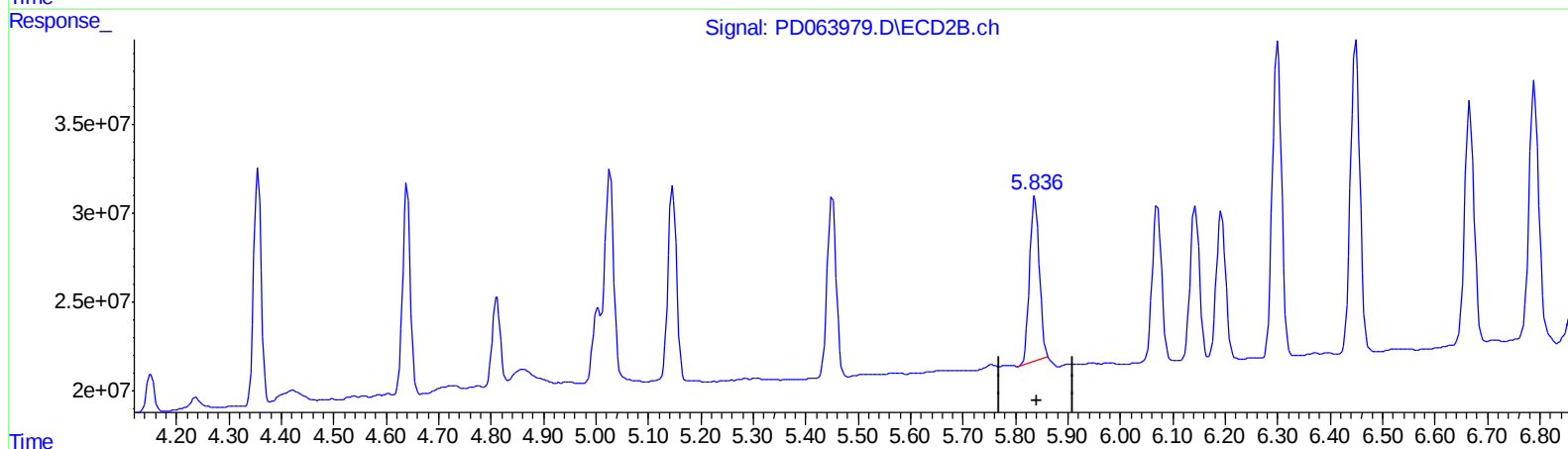
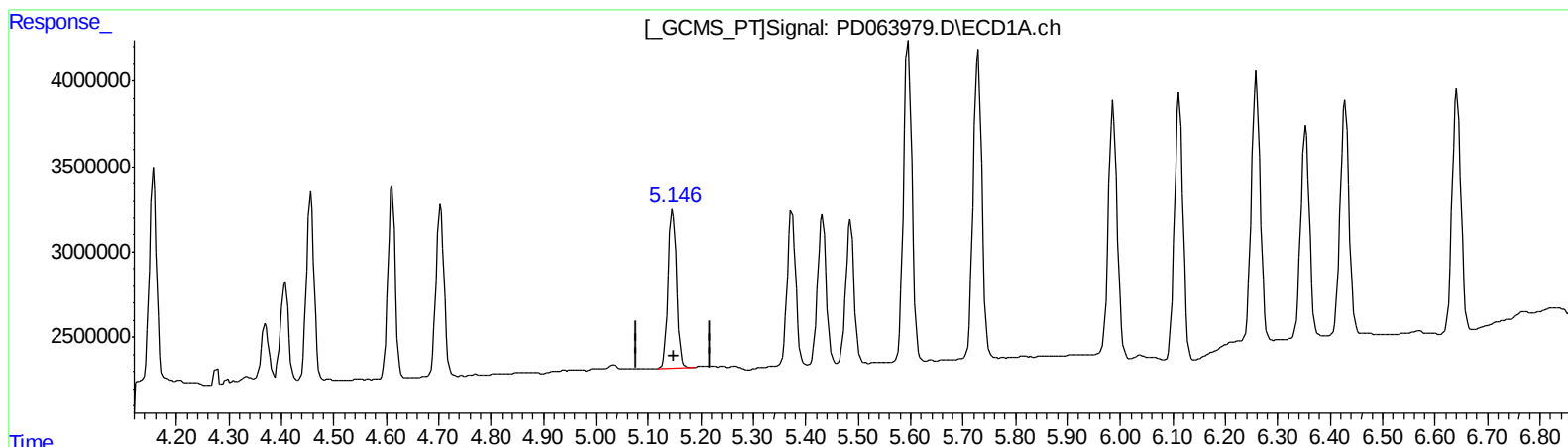
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QEdit

(8) Heptachlor epoxide (B)

5.147min 5.444 ng/ml

response 10322604

(8) Heptachlor epoxide #2 (B)

5.837min 5.748 ng/ml

response 118251264

(+) = Expected Retention Time

PD061421CLP.M Fri Jun 25 08:43:31 2021

Page: 1

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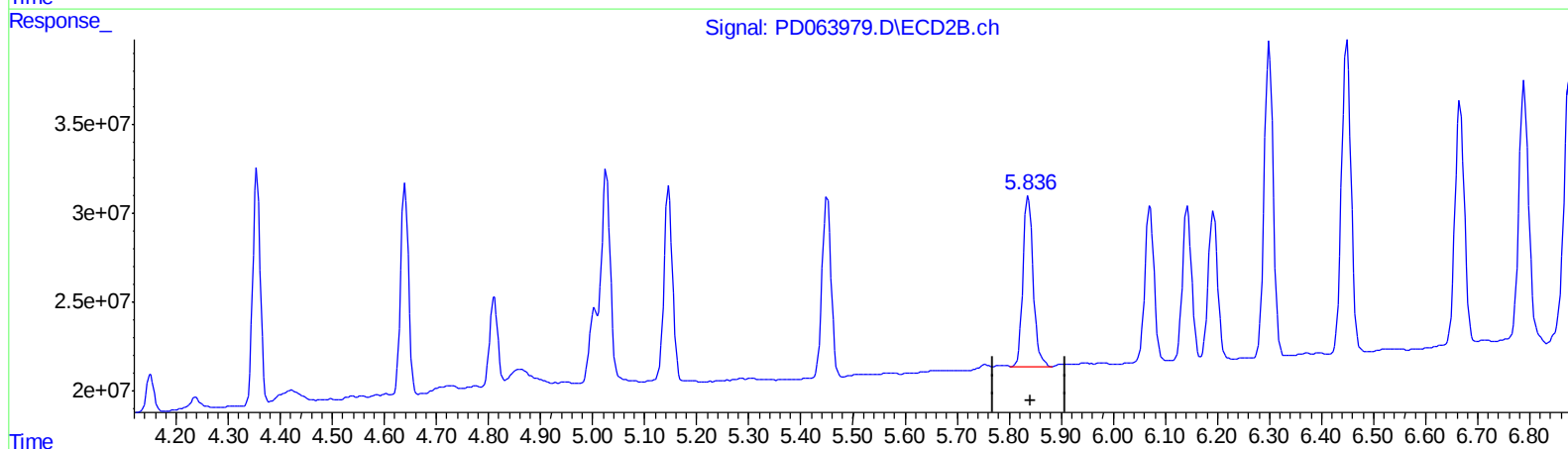
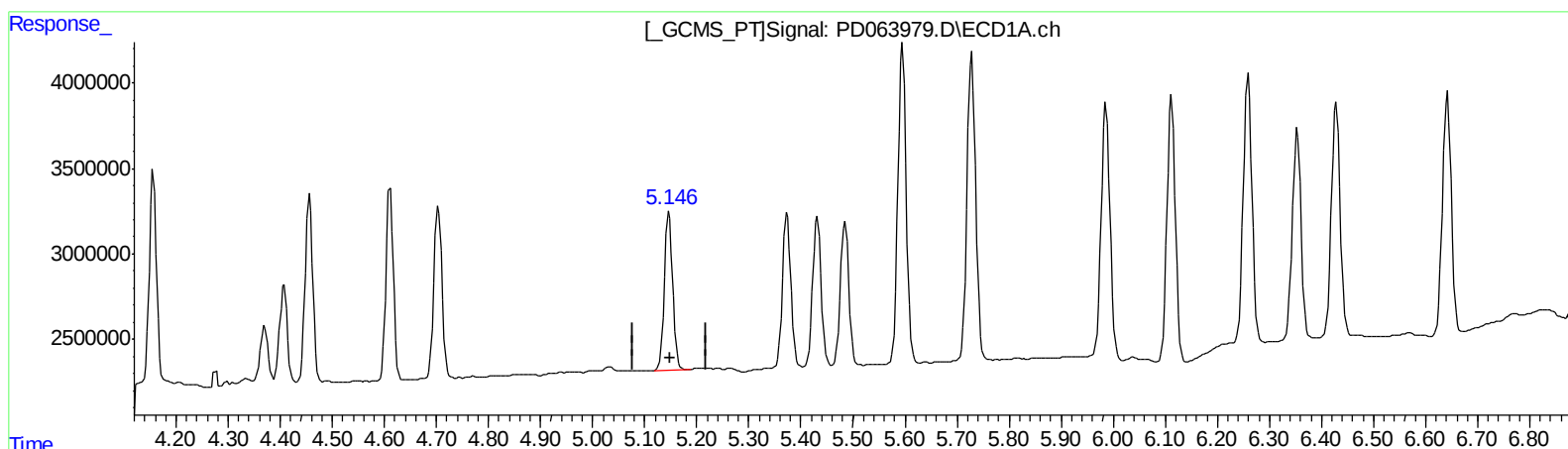
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(8) Heptachlor epoxide (B)

5.147min 5.444 ng/ml

response 10322604

(8) Heptachlor epoxide #2 (B)

5.836min 6.354 ng/ml m

response 130731740

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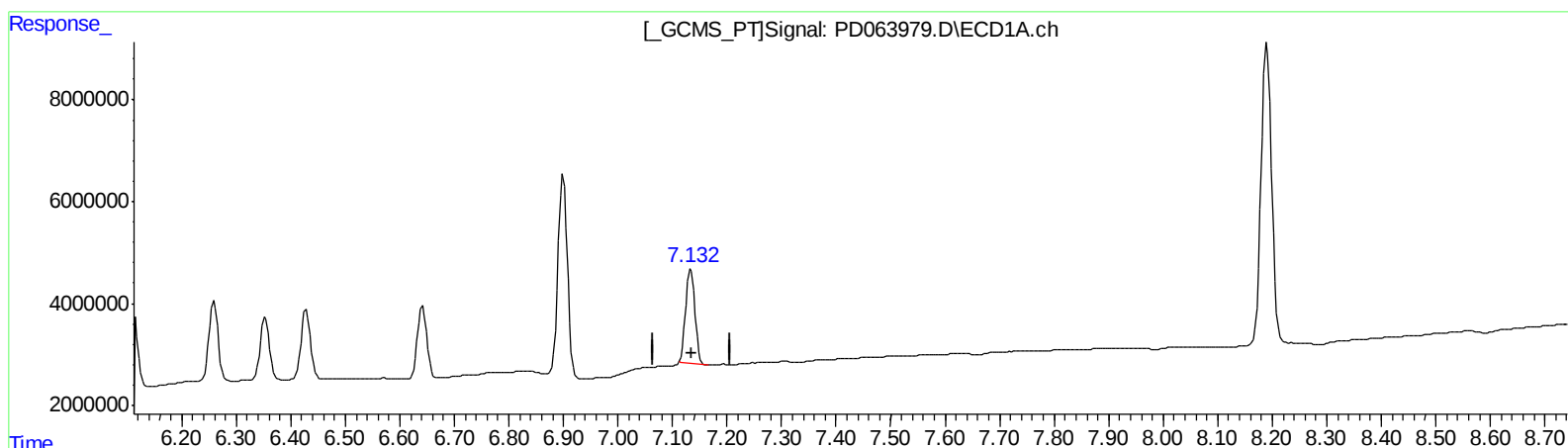
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(21) Endrin ketone (B)

7.134min 11.397 ng/ml

response 21621677

(21) Endrin ketone #2 (B)

7.693min 11.287 ng/ml

response 179118152

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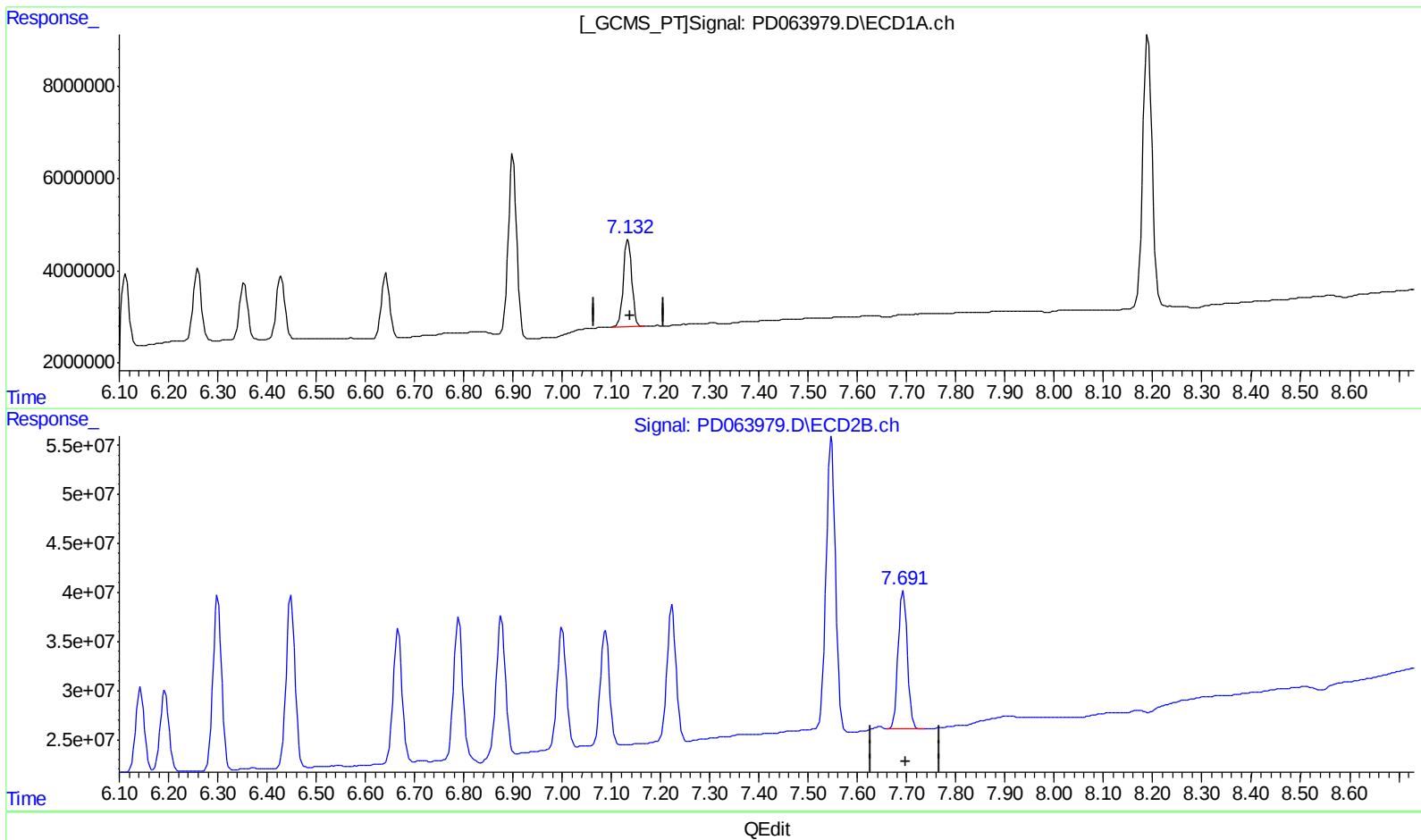
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)  
7.132min 11.921 ng/ml m  
response 22615959

(21) Endrin ketone #2 (B)  
7.691min 11.541 ng/ml m  
response 183160035

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 ClientSampleID :  
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 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 | 3.968 | 34364670 | 334.2E6  | 22.106  | 21.104  |
| 27) SA Decachlor...         | 8.190 | 9.019 | 78009334 | 632.0E6  | 45.067  | 45.571  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.873 | 4.356 | 12160342 | 132.3E6  | 5.199   | 5.325   |
| 3) MA gamma-BHC...          | 4.157 | 4.640 | 11869186 | 122.2E6  | 5.215   | 5.355   |
| 4) MA Heptachlor            | 4.456 | 5.145 | 11123953 | 125.3E6  | 5.095   | 5.379m  |
| 5) MB Aldrin                | 4.704 | 5.451 | 10833156 | 122.2E6  | 5.345   | 5.545   |
| 6) B beta-BHC               | 4.408 | 4.811 | 6193418  | 53065209 | 6.378   | 5.441   |
| 7) B delta-BHC              | 4.611 | 5.027 | 11030240 | 145.3E6  | 5.110   | 6.200   |
| 8) B Heptachlo...           | 5.147 | 5.836 | 10322604 | 130.7E6  | 5.444   | 6.354m  |
| 9) A Endosulfan I           | 5.485 | 6.193 | 9430066  | 104.5E6  | 5.153   | 5.273   |
| 10) B trans-Chl...          | 5.374 | 6.071 | 10201714 | 111.1E6  | 5.246   | 5.281   |
| 11) B cis-Chlor...          | 5.432 | 6.143 | 10200625 | 108.6E6  | 5.369   | 5.393   |
| 12) B 4,4'-DDE              | 5.595 | 6.300 | 21181088 | 219.0E6  | 10.728  | 10.837  |
| 13) MA Dieldrin             | 5.729 | 6.449 | 21074648 | 221.1E6  | 10.070  | 10.571  |
| 14) MA Endrin               | 5.986 | 6.666 | 17691483 | 171.2E6  | 9.782   | 9.783   |
| 15) B Endosulfa...          | 6.259 | 6.876 | 18216799 | 193.9E6  | 11.148  | 11.985  |
| 16) A 4,4'-DDD              | 6.112 | 6.789 | 17363101 | 198.3E6  | 10.516  | 11.778  |
| 17) MA 4,4'-DDT             | 6.353 | 7.088 | 14480152 | 149.2E6  | 8.604   | 9.064   |
| 18) B Endrin al...          | 6.428 | 7.000 | 16079588 | 157.5E6  | 11.263  | 11.192  |
| 19) B Endosulfa...          | 6.642 | 7.223 | 16658975 | 178.3E6  | 10.731  | 10.836  |
| 20) A Methoxychlor          | 6.900 | 7.547 | 47376322 | 400.8E6  | 51.388  | 51.806  |
| 21) B Endrin ke...          | 7.132 | 7.691 | 22615959 | 183.2E6  | 11.921m | 11.541m |
| -----                       |       |       |          |          |         |         |

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

AJ  
 06/28/21