

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064683.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 20:08  
Operator : AR\AJ  
Sample : M3181-02MS  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

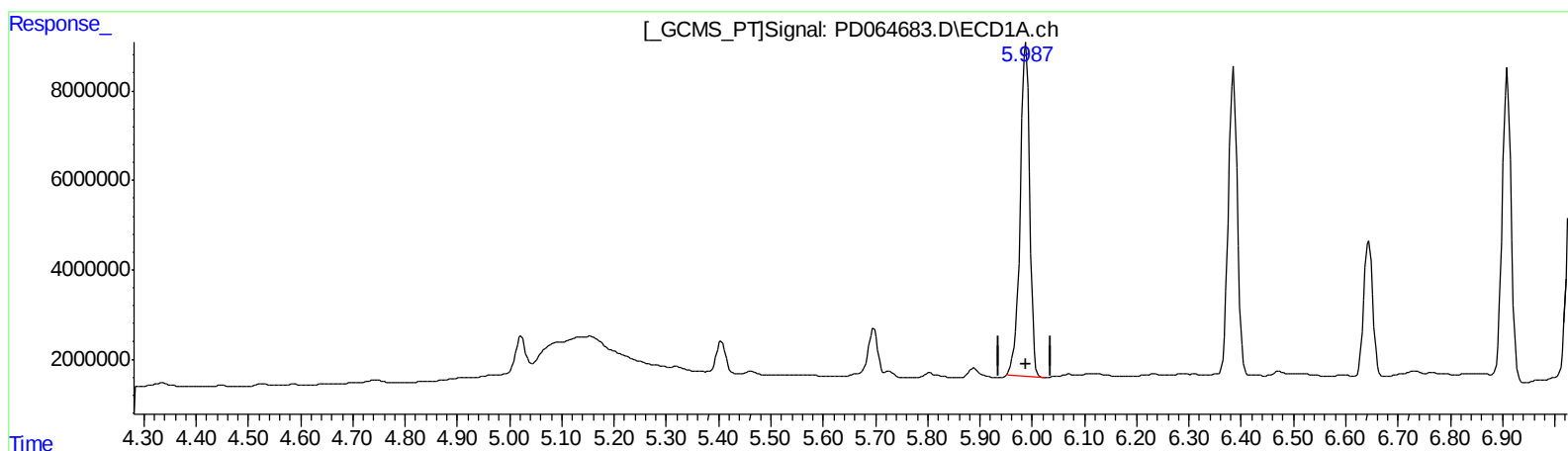
Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS

Manual Integrations  
APPROVED

mohammad  
8/3/2021 3:12:55 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 03:01:54 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 28 07:07:14 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

(2) alpha-BHC (A)  
5.988min 57.309 ng/ml  
response 93361598

(2) alpha-BHC #2 (A)  
5.320min 57.138 ng/ml  
response 704255032

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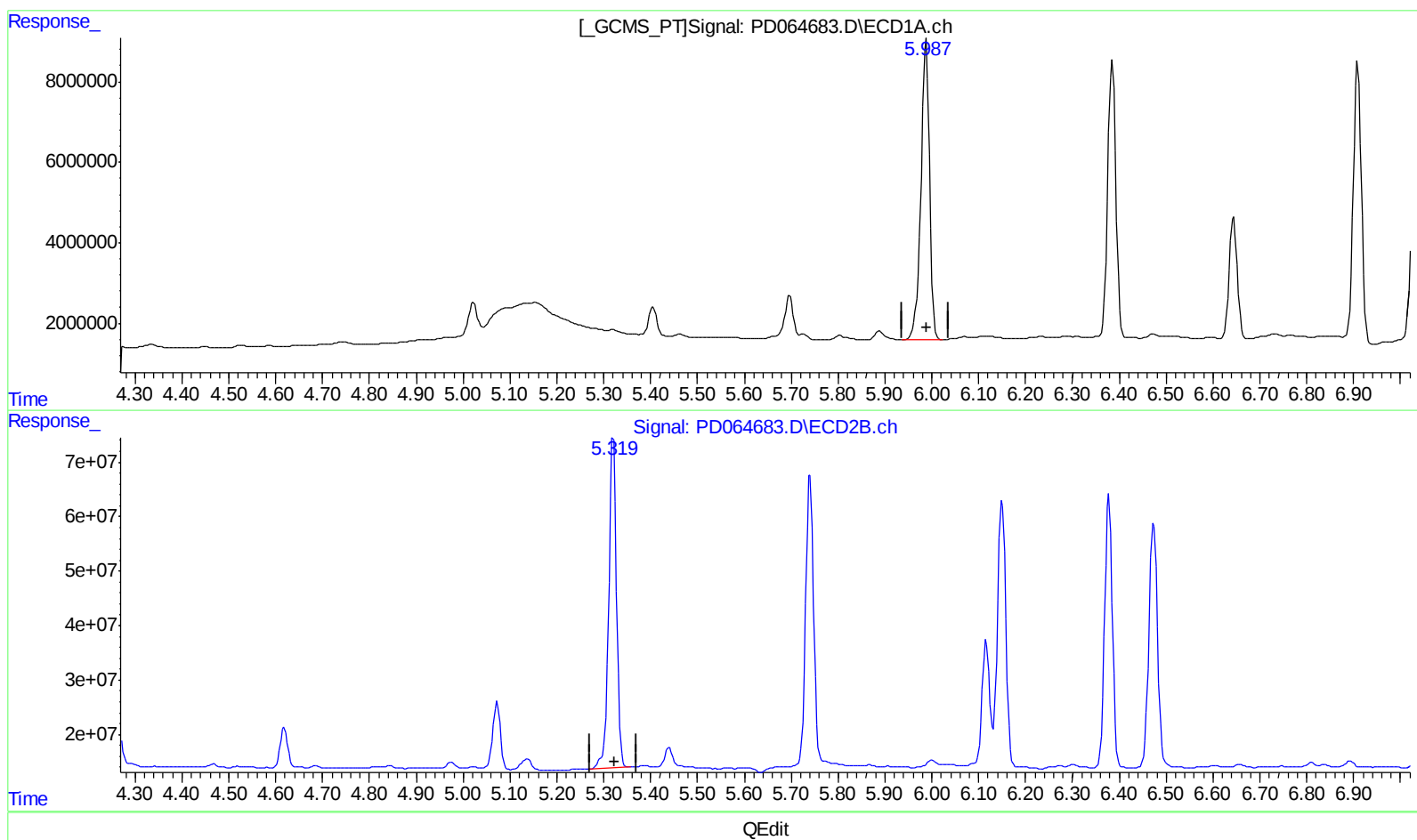
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(2) alpha-BHC (A)

5.987min 58.004 ng/ml m

response 94494395

(2) alpha-BHC #2 (A)

5.319min 58.005 ng/ml m

response 714936651

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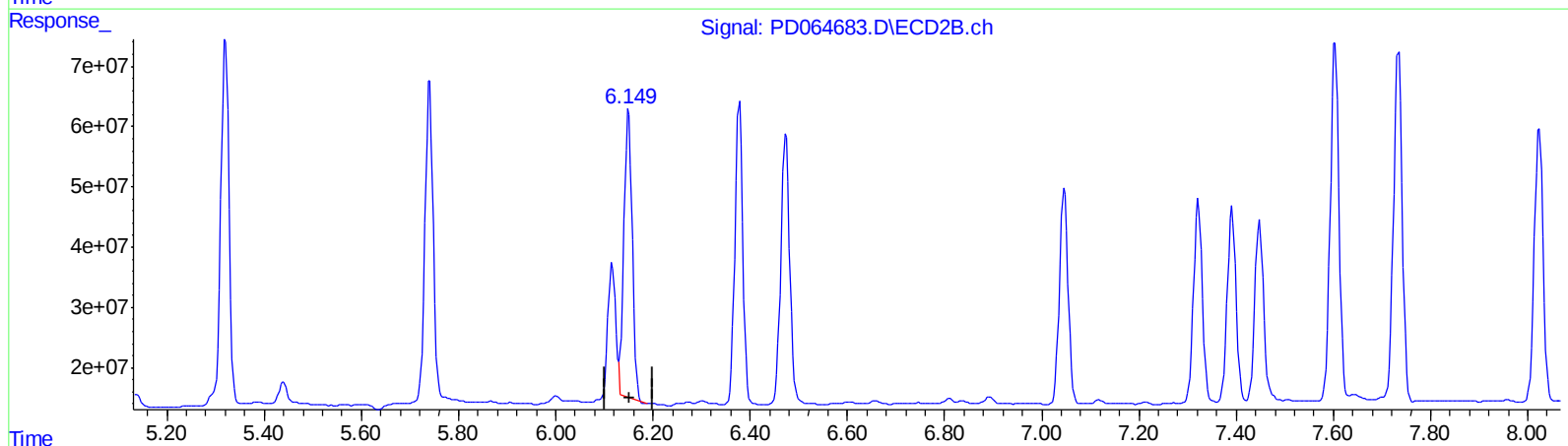
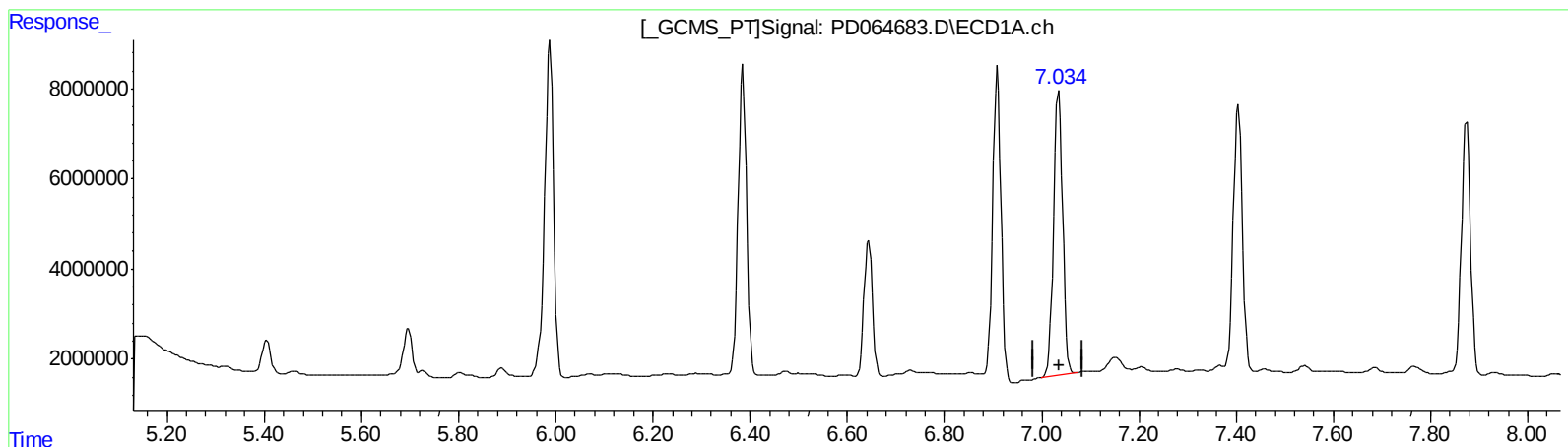
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QEdit

(4) Heptachlor (MA)  
7.035min 48.907 ng/ml  
response 82192466

(4) Heptachlor #2 (MA)  
6.150min 50.829 ng/ml  
response 576297904

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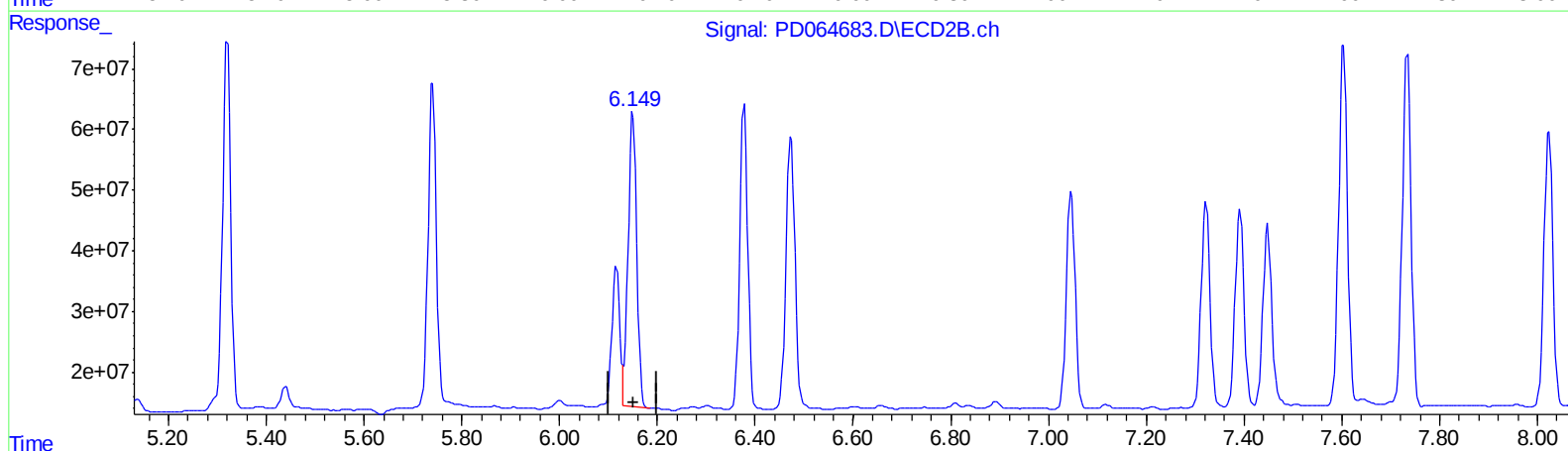
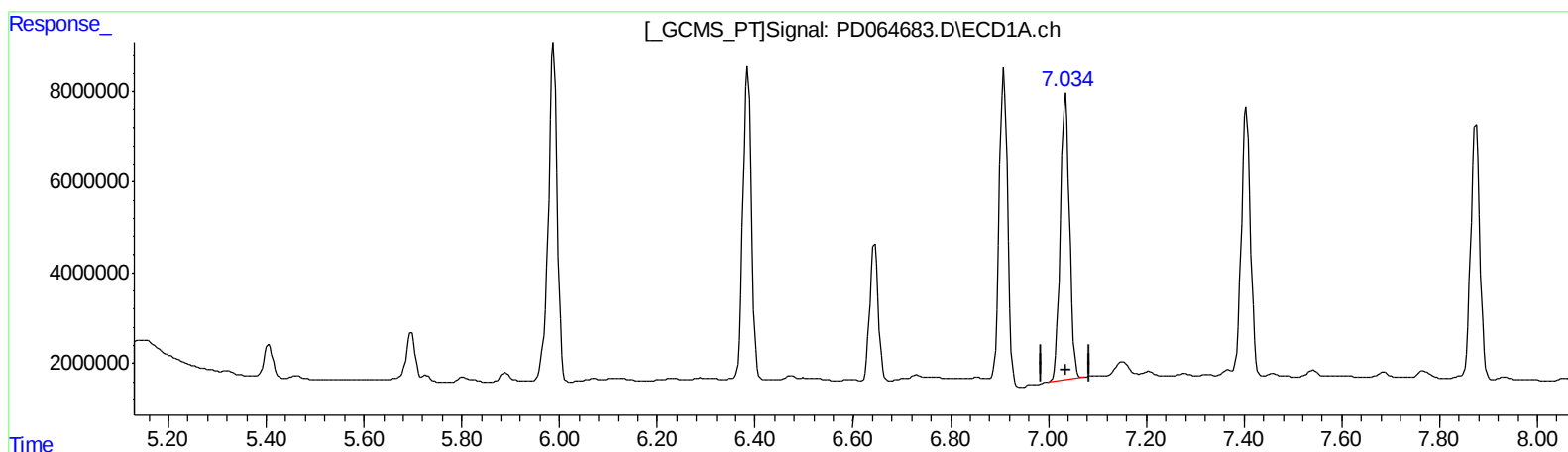
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QEdit

(4) Heptachlor (MA)

7.035min 48.907 ng/ml

response 82192466

(4) Heptachlor #2 (MA)

6.149min 52.280 ng/ml m

response 592743808

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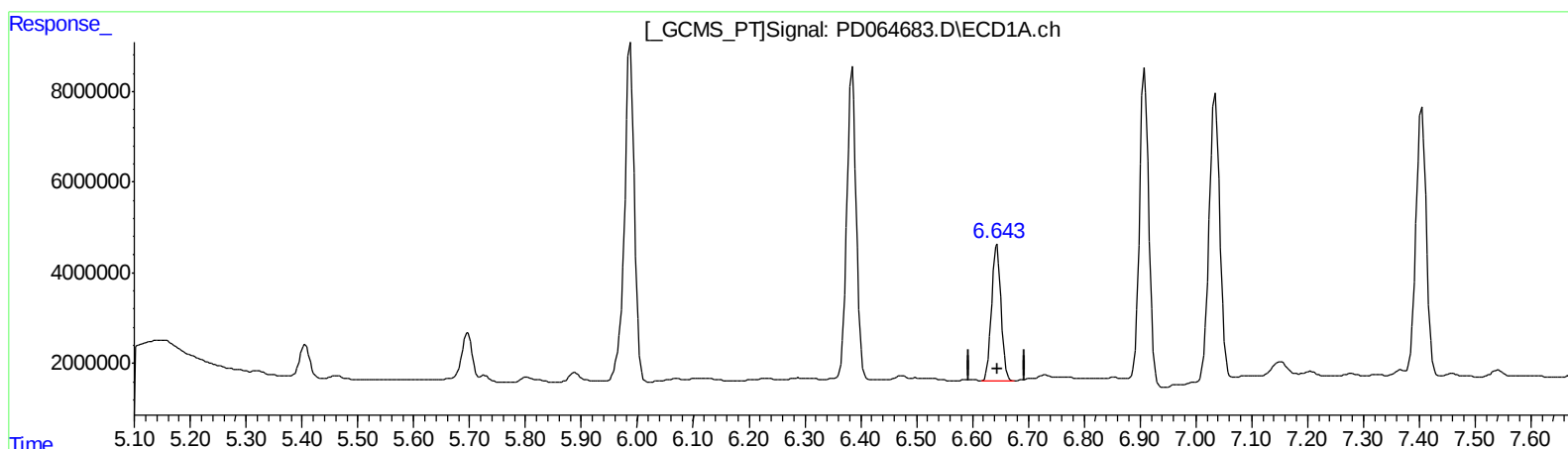
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(6) beta-BHC (B)  
6.644min 46.936 ng/ml  
response 36618043

(6) beta-BHC #2 (B)  
6.116min 37.145 ng/ml  
response 225351816

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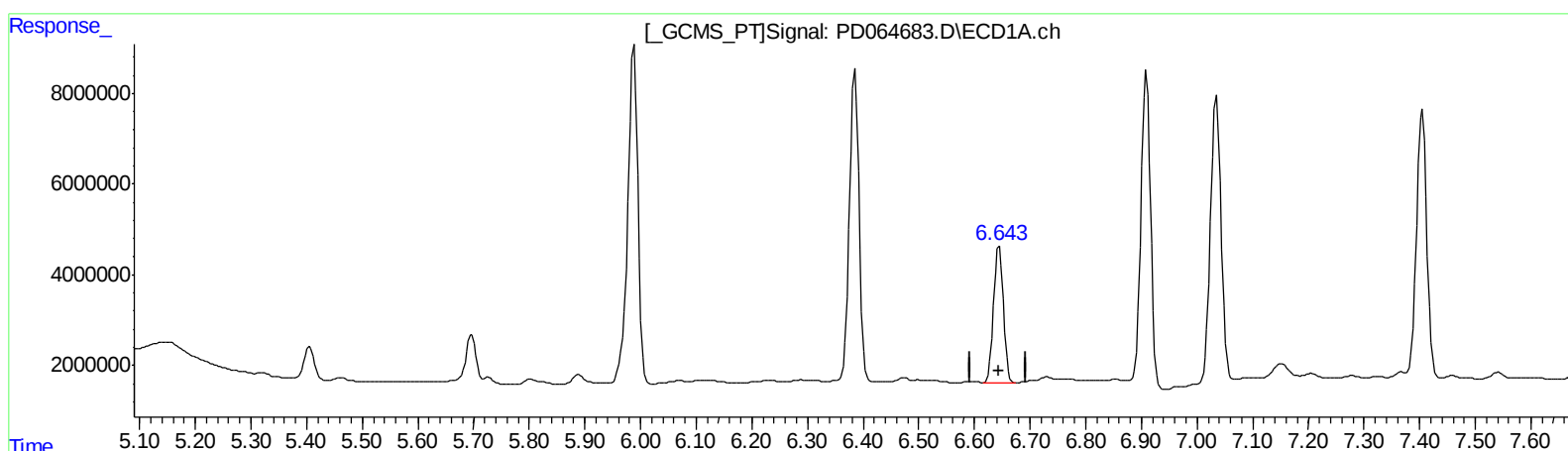
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(6) beta-BHC (B)  
6.644min 46.936 ng/ml  
response 36618043

(6) beta-BHC #2 (B)  
6.115min 41.414 ng/ml m  
response 251250823

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Manual Integrations  
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| Compound                    | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|--------|----------|----------|---------|---------|
| -----                       |        |        |          |          |         |         |
| System Monitoring Compounds |        |        |          |          |         |         |
| 1) SA Tetrachlo...          | 5.405  | 4.618  | 8754473  | 81183020 | 7.339   | 8.884   |
| 27) SA Decachlor...         | 11.305 | 10.362 | 9305331  | 52670305 | 7.069   | 8.857 # |
| Target Compounds            |        |        |          |          |         |         |
| 2) A alpha-BHC              | 5.987  | 5.319  | 94494395 | 714.9E6  | 58.004m | 58.005m |
| 3) MA gamma-BHC...          | 6.385  | 5.741  | 83462838 | 608.1E6  | 53.217  | 53.329  |
| 4) MA Heptachlor            | 7.035  | 6.149  | 82192466 | 592.7E6  | 48.907  | 52.280m |
| 5) MB Aldrin                | 7.404  | 6.474  | 78805372 | 569.7E6  | 50.030  | 54.162  |
| 6) B beta-BHC               | 6.644  | 6.115  | 36618043 | 251.3E6  | 46.936  | 41.414m |
| 7) B delta-BHC              | 6.909  | 6.378  | 83340473 | 566.7E6  | 47.892  | 52.161  |
| 8) B Heptachlo...           | 7.874  | 7.047  | 74203326 | 446.8E6  | 43.221  | 48.263  |
| 9) A Endosulfan I           | 8.279  | 7.448  | 64454705 | 379.5E6  | 45.724  | 49.358  |
| 10) B trans-Chl...          | 8.145  | 7.322  | 77766509 | 422.2E6  | 48.529  | 46.543  |
| 11) B cis-Chlor...          | 8.226  | 7.392  | 69994124 | 404.0E6  | 44.923  | 45.414  |
| 12) B 4,4'-DDE              | 8.421  | 7.604  | 141.2E6  | 738.3E6  | 97.945  | 97.844  |
| 13) MA Dieldrin             | 8.570  | 7.734  | 150.9E6  | 726.5E6  | 101.213 | 90.457  |
| 14) MA Endrin               | 8.808  | 8.024  | 125.7E6  | 568.7E6  | 98.186  | 99.002  |
| 15) B Endosulfa...          | 9.044  | 8.333  | 127.6E6  | 551.2E6  | 98.247  | 95.490  |
| 16) A 4,4'-DDD              | 8.961  | 8.187  | 125.3E6  | 565.2E6  | 102.060 | 98.128  |
| 17) MA 4,4'-DDT             | 9.279  | 8.447  | 125.9E6  | 526.2E6  | 96.442  | 95.588  |
| 18) B Endrin al...          | 9.180  | 8.520  | 99647582 | 429.4E6  | 87.957  | 86.997  |
| 19) B Endosulfa...          | 9.418  | 8.750  | 127.1E6  | 504.8E6  | 92.234  | 93.651  |
| 20) A Methoxychlor          | 9.771  | 9.039  | 333.9E6  | 1161.8E6 | 466.612 | 453.719 |
| 21) B Endrin ke...          | 9.914  | 9.269  | 149.0E6  | 603.5E6  | 98.492  | 100.607 |

AJ  
 08/04/21

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