

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD073021\  
Data File : PD064596.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2021 00:01  
Operator : AR\AJ  
Sample : PB138018BS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

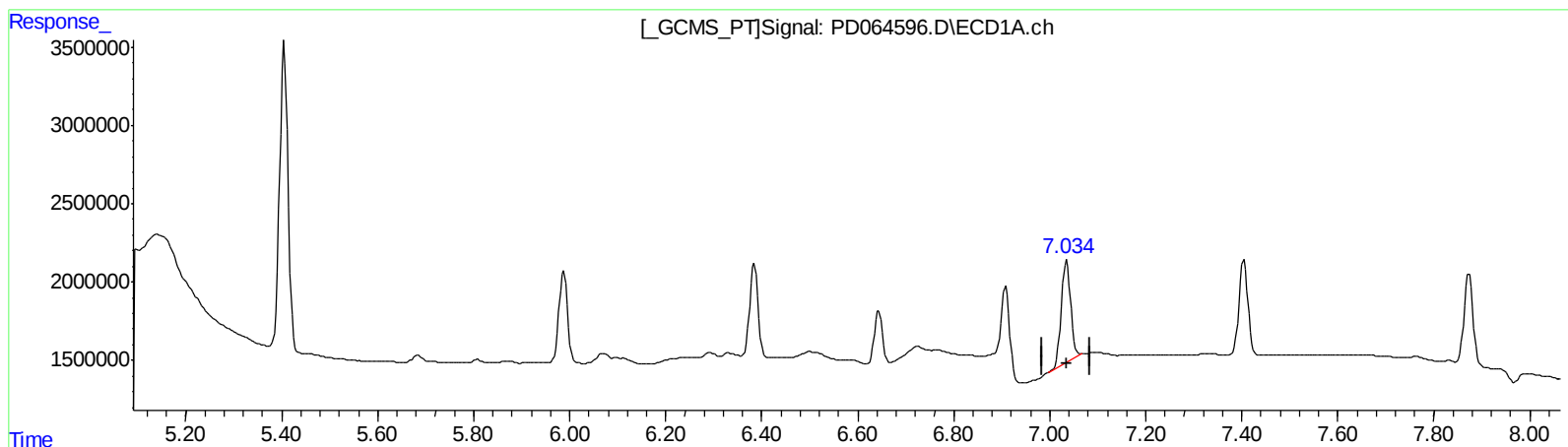
Instrument :  
ECD\_D  
ClientSampleID :  
PLCS018

Manual Integrations  
APPROVED

mohammad  
8/2/2021 12:37:34 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 01:25:53 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



(4) Heptachlor (MA)  
7.035min 5.213 ng/ml  
response 8760857

(4) Heptachlor #2 (MA)  
6.116min 1.179 ng/ml  
response 13372483

QEdit

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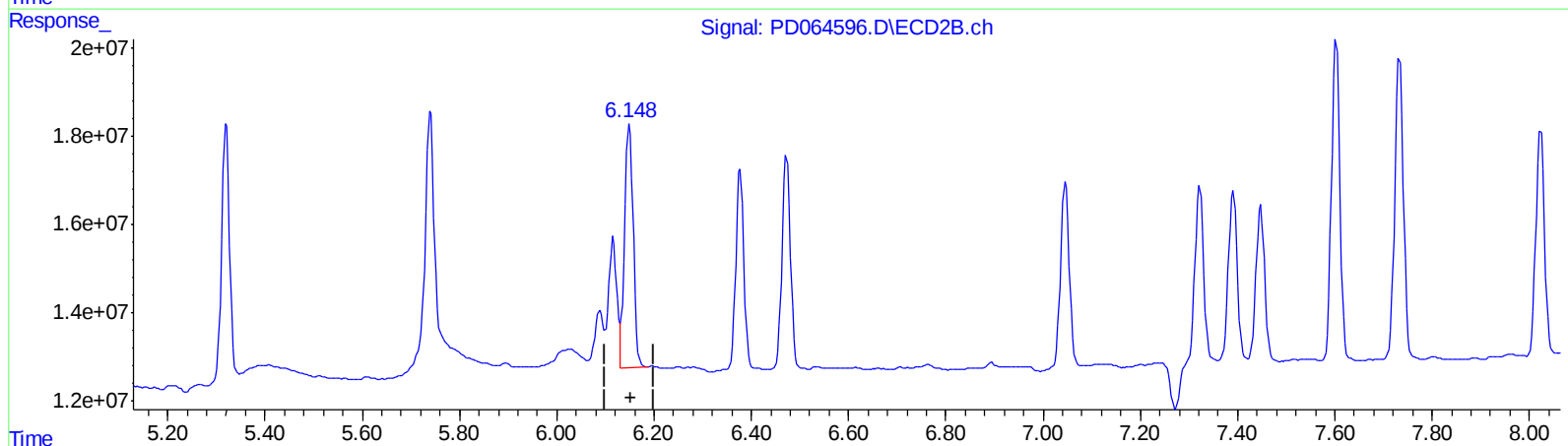
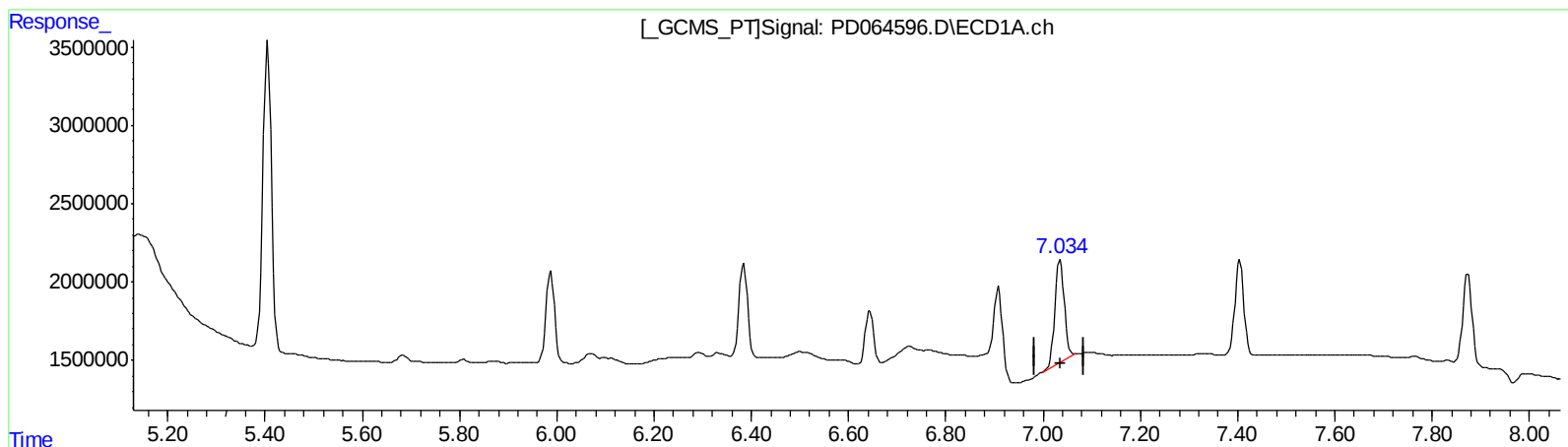
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QEdit

(4) Heptachlor (MA)  
7.035min 5.213 ng/ml  
response 8760857

(4) Heptachlor #2 (MA)  
6.148min 6.064 ng/ml m  
response 68750975

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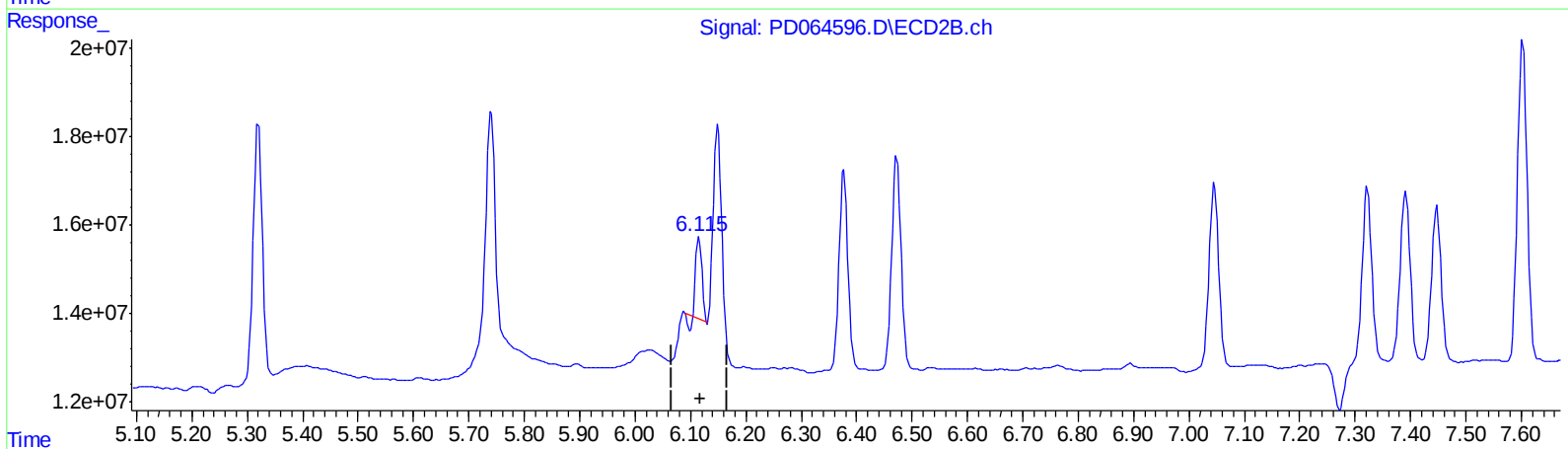
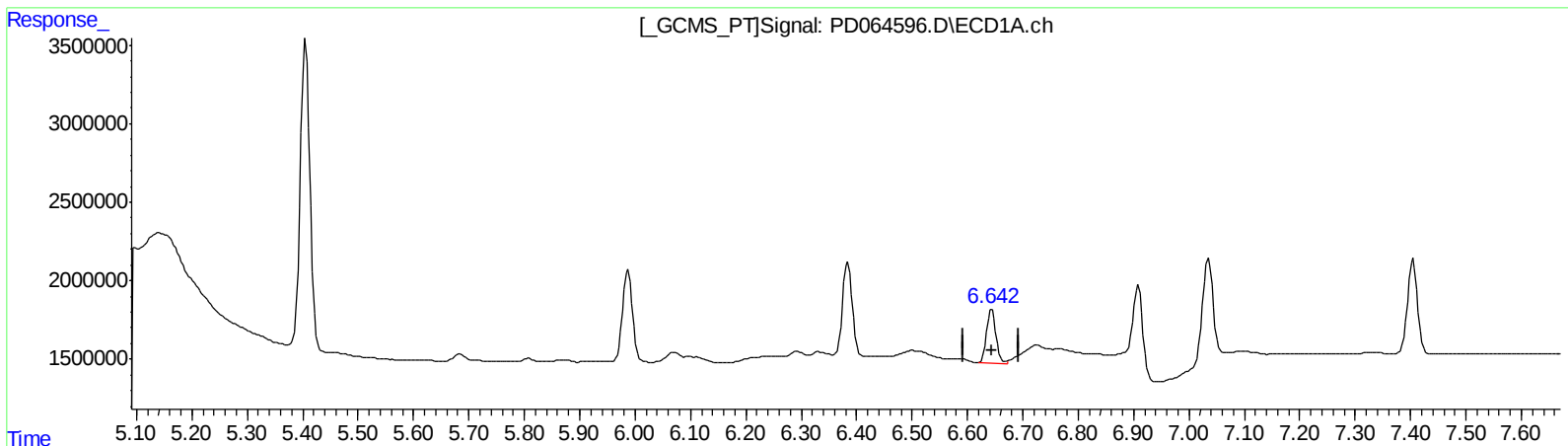
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QEdit

(6) beta-BHC (B)

6.644min 5.376 ng/ml

response 4194082

(6) beta-BHC #2 (B)

6.116min 2.204 ng/ml

response 13372483

(+) = Expected Retention Time

PD072721CLP.M Sat Jul 31 04:39:27 2021

Page: 1

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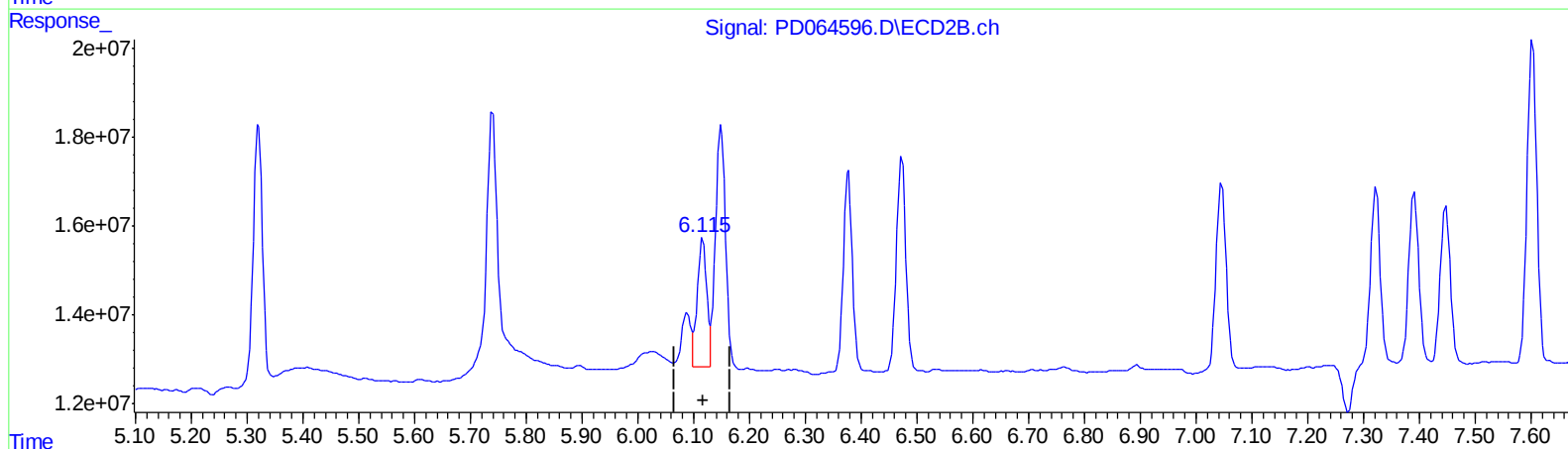
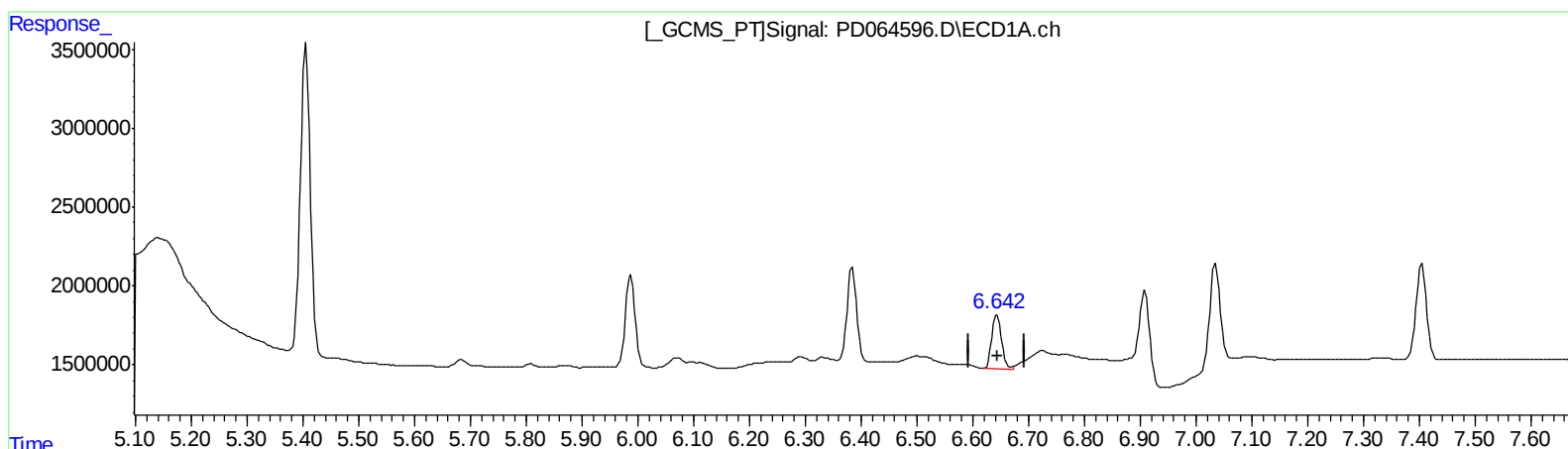
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QEdit

(6) beta-BHC (B)

6.644min 5.376 ng/ml

response 4194082

(6) beta-BHC #2 (B)

6.115min 5.512 ng/ml m

response 33438315

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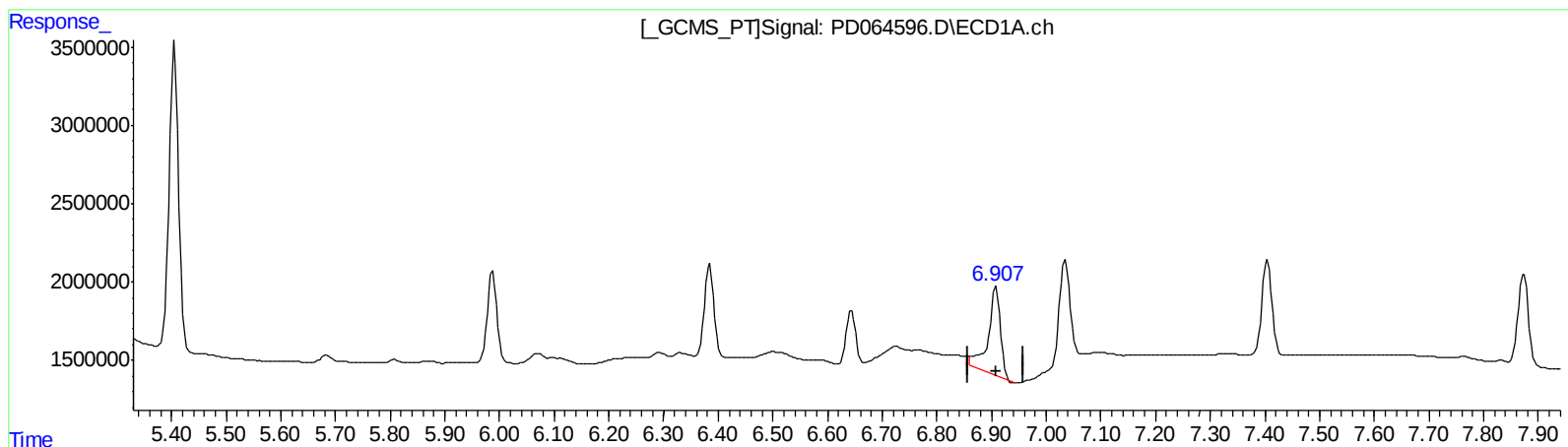
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(7) delta-BHC (B)  
6.908min 5.046 ng/ml  
response 8780099

(7) delta-BHC #2 (B)  
6.377min 4.829 ng/ml  
response 52455424

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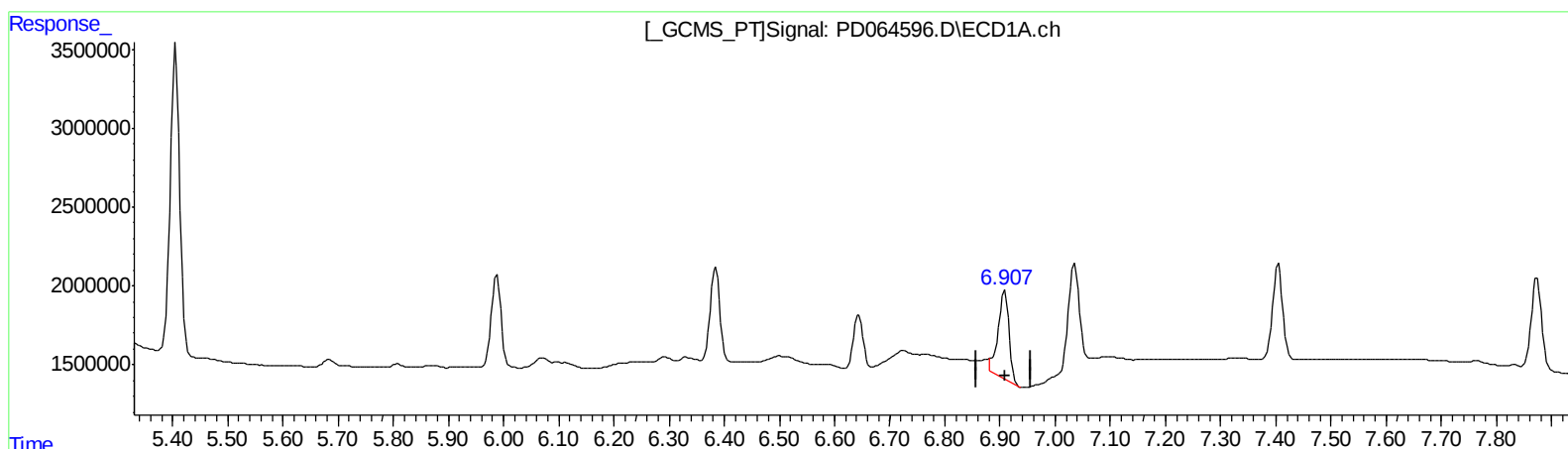
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ClientSampleID :  
PLCS018

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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



(7) delta-BHC (B)

6.907min 4.375 ng/ml m

response 7612406

(7) delta-BHC #2 (B)

6.377min 4.829 ng/ml

response 52455424

QEdit

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|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|---------|
| -----                       |                 |        |        |          |          |        |         |
| System Monitoring Compounds |                 |        |        |          |          |        |         |
| 1)                          | SA Tetrachlo... | 5.406  | 4.619  | 23694423 | 201.5E6  | 19.863 | 22.051  |
| 27)                         | SA Decachlor... | 11.305 | 10.363 | 49010019 | 243.8E6  | 37.231 | 40.991  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 5.988  | 5.320  | 7191895  | 65732930 | 4.415  | 5.333   |
| 3)                          | MA gamma-BHC... | 6.385  | 5.740  | 7619737  | 66355917 | 4.858  | 5.819   |
| 4)                          | MA Heptachlor   | 7.035  | 6.148  | 8760857  | 68750975 | 5.213  | 6.064m  |
| 5)                          | MB Aldrin       | 7.405  | 6.473  | 7728511  | 58644947 | 4.906  | 5.575   |
| 6)                          | B beta-BHC      | 6.644  | 6.115  | 4194082  | 33438315 | 5.376  | 5.512m  |
| 7)                          | B delta-BHC     | 6.907  | 6.377  | 7612406  | 52455424 | 4.375m | 4.829   |
| 8)                          | B Heptachlo...  | 7.874  | 7.046  | 7811711  | 52845171 | 4.550  | 5.709 # |
| 9)                          | A Endosulfan I  | 8.278  | 7.448  | 7115529  | 45505949 | 5.048  | 5.918   |
| 10)                         | B trans-Chl...  | 8.144  | 7.322  | 8130759  | 53112200 | 5.074  | 5.856   |
| 11)                         | B cis-Chlor...  | 8.226  | 7.391  | 7793945  | 51229915 | 5.002  | 5.759   |
| 12)                         | B 4,4'-DDE      | 8.420  | 7.603  | 13787562 | 87825881 | 9.566  | 11.640  |
| 13)                         | MA Dieldrin     | 8.569  | 7.733  | 14357499 | 85473346 | 9.628  | 10.642  |
| 14)                         | MA Endrin       | 8.808  | 8.024  | 11328535 | 62926486 | 8.848  | 10.954  |
| 15)                         | B Endosulfa...  | 9.044  | 8.332  | 12866424 | 63598186 | 9.908  | 11.018  |
| 16)                         | A 4,4'-DDD      | 8.961  | 8.186  | 12650704 | 65994964 | 10.306 | 11.458  |
| 17)                         | MA 4,4'-DDT     | 9.279  | 8.447  | 10184714 | 51041364 | 7.802  | 9.273   |
| 18)                         | B Endrin al...  | 9.179  | 8.520  | 11741034 | 55435746 | 10.364 | 11.232  |
| 19)                         | B Endosulfa...  | 9.418  | 8.750  | 11510712 | 50263095 | 8.352  | 9.325   |
| 20)                         | A Methoxychlor  | 9.771  | 9.040  | 31789791 | 135.2E6  | 44.426 | 52.819  |
| 21)                         | B Endrin ke...  | 9.913  | 9.269  | 14752417 | 70155219 | 9.751  | 11.696  |
| -----                       |                 |        |        |          |          |        |         |

AJ  
 08/03/21

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