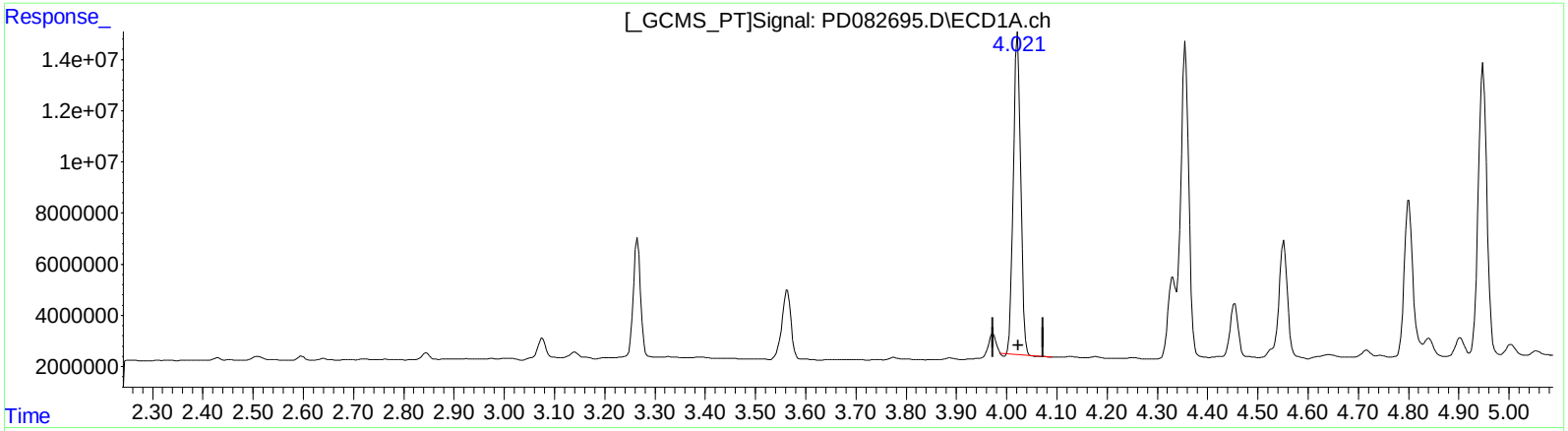
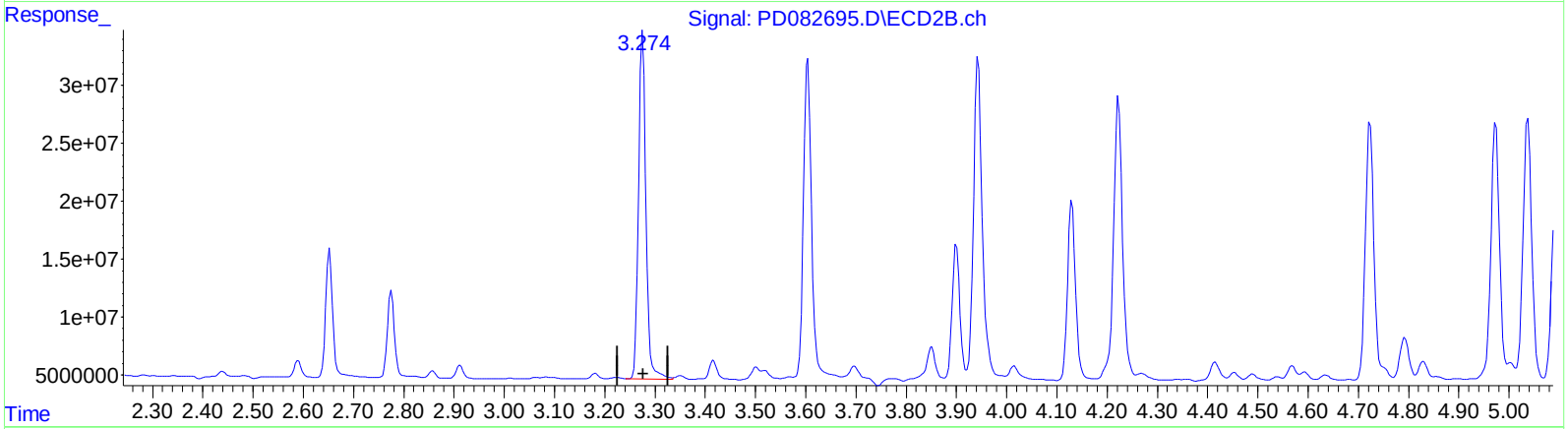
Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050224\
Data File : PD082695.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Apr 2024  15:53
Operator  : AR\AJ
Sample  : P2238-12MSD
Misc  :
ALS Vial  : 11  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 21:08:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042424CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Apr 24 16:11:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR1  Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(2)  alpha-BHC (A)

4.022min  54.848 ng/ml

response  130867115

(2)  alpha-BHC #2 (A)

3.276min  54.932 ng/ml

response  308421297

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050224\
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Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Apr 2024  15:53
Operator  : AR\AJ
Sample  : P2238-12MSD
Misc  :
ALS Vial  : 11  Sample Multiplier: 1

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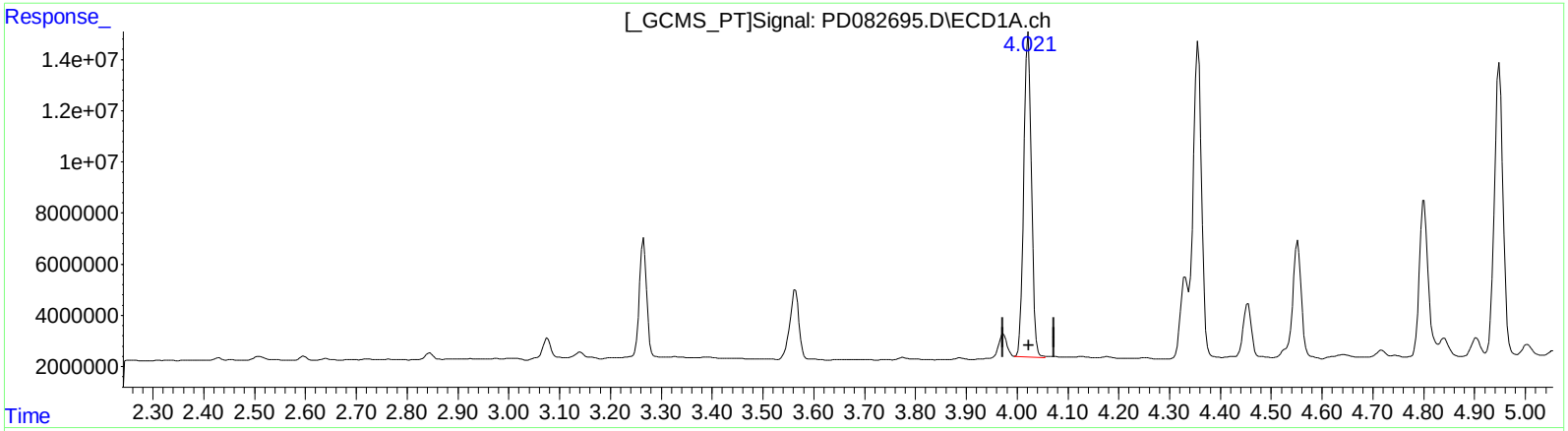
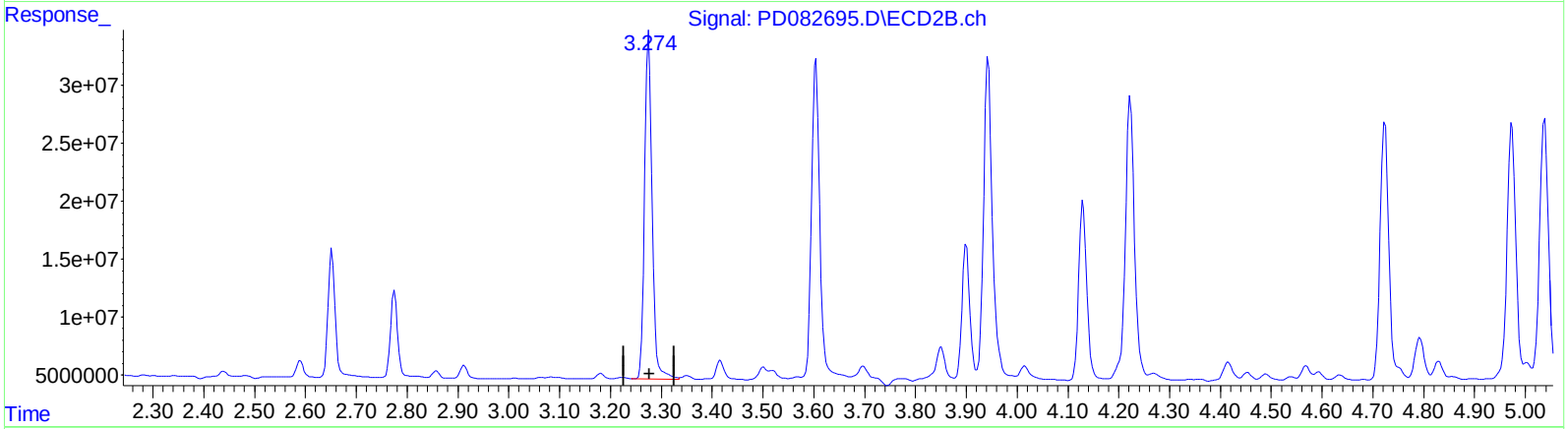
Quant Time: Apr 30 21:08:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042424CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Apr 24 16:11:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR1  Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(2)  alpha-BHC (A)

4.021min  56.432 ng/ml m

response  134646840

(2)  alpha-BHC #2 (A)

3.276min  54.932 ng/ml

response  308421297

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050224\
Data File : PD082695.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Apr 2024  15:53
Operator  : AR\AJ
Sample  : P2238-12MSD
Misc  :
ALS Vial  : 11  Sample Multiplier: 1

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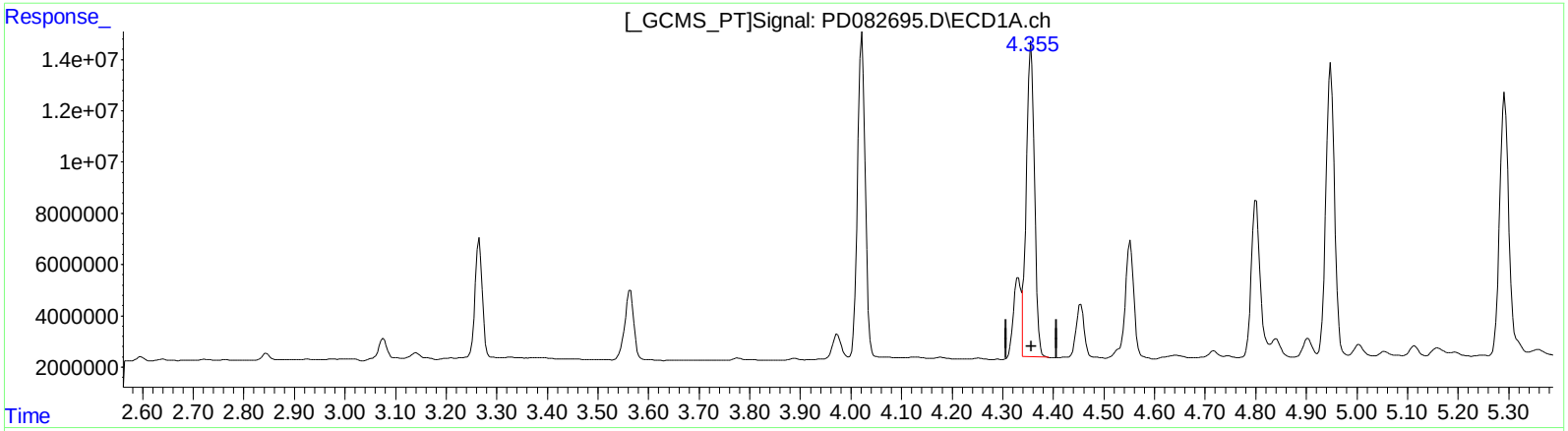
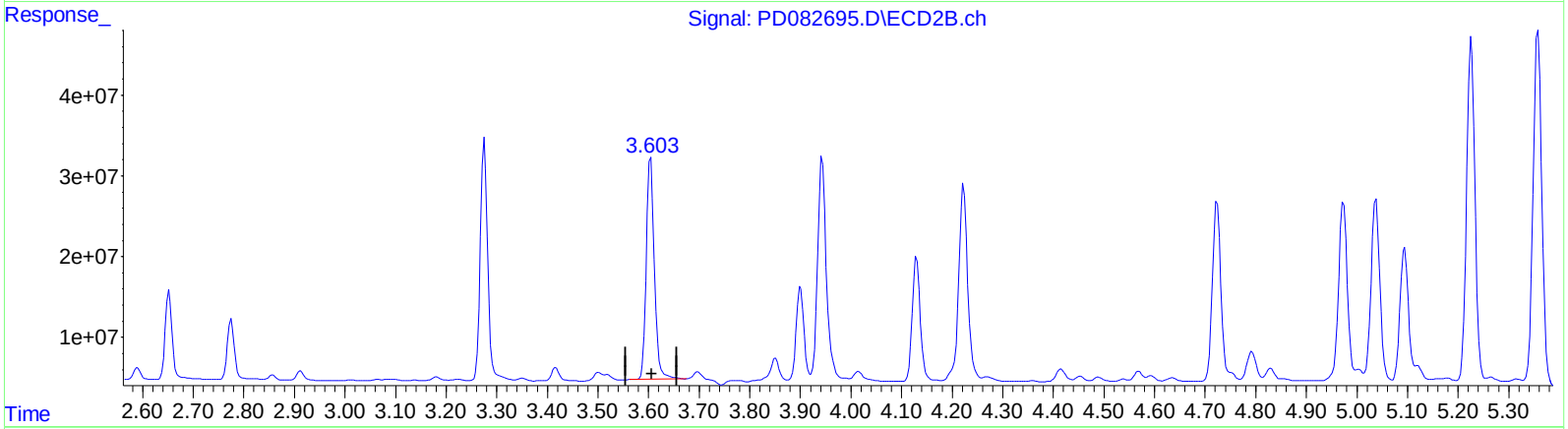
Quant Title  : GC Extractables
QLast Update : Wed Apr 24 16:11:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR1  Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(3)  gamma-BHC (Lindane) (MA)

4.355min  58.843 ng/ml m

response  137661218

(3)  gamma-BHC (Lindane) #2 (MA)

3.604min  55.141 ng/ml

response  305080876

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Apr 2024  15:53
Operator  : AR\AJ
Sample  : P2238-12MSD
Misc  :
ALS Vial  : 11  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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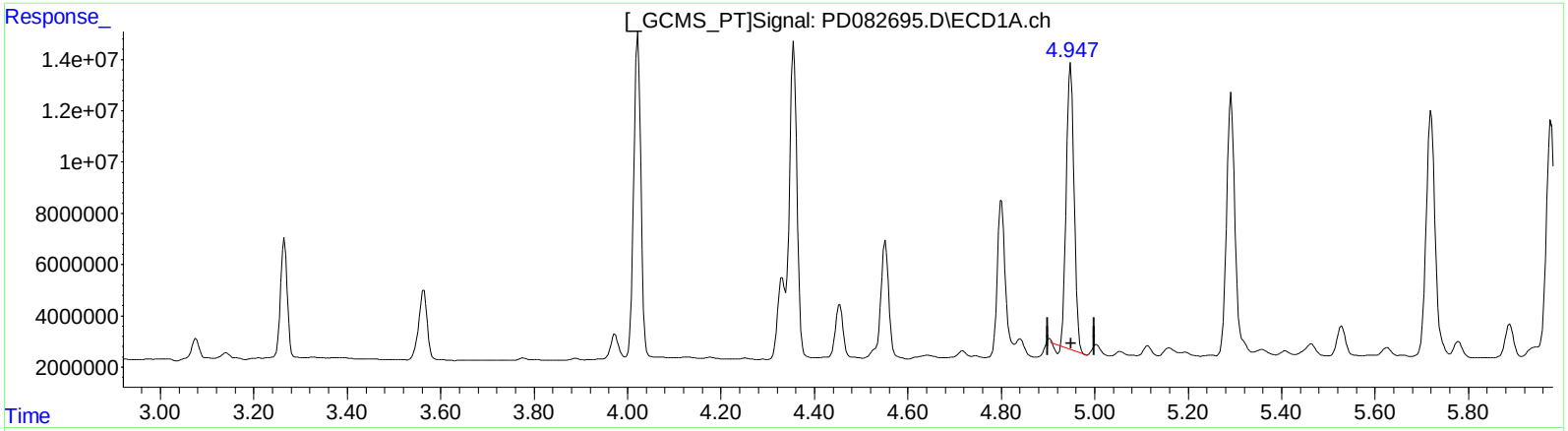
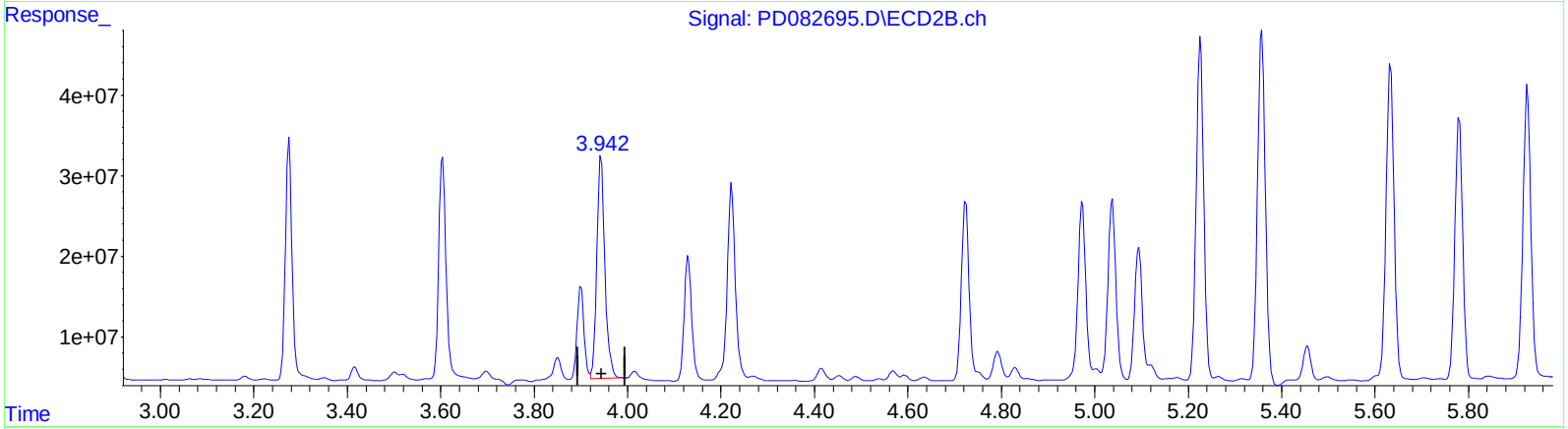
Quant Title  : GC Extractables
QLast Update : Wed Apr 24 16:11:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR1  Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(4)  Heptachlor (MA)

4.948min  54.086 ng/ml

response  126780164

(4)  Heptachlor #2 (MA)

3.943min  63.565 ng/ml

response  327645534

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050224\
Data File : PD082695.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Apr 2024  15:53
Operator  : AR\AJ
Sample  : P2238-12MSD
Misc  :
ALS Vial  : 11  Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Apr 30 21:08:19 2024
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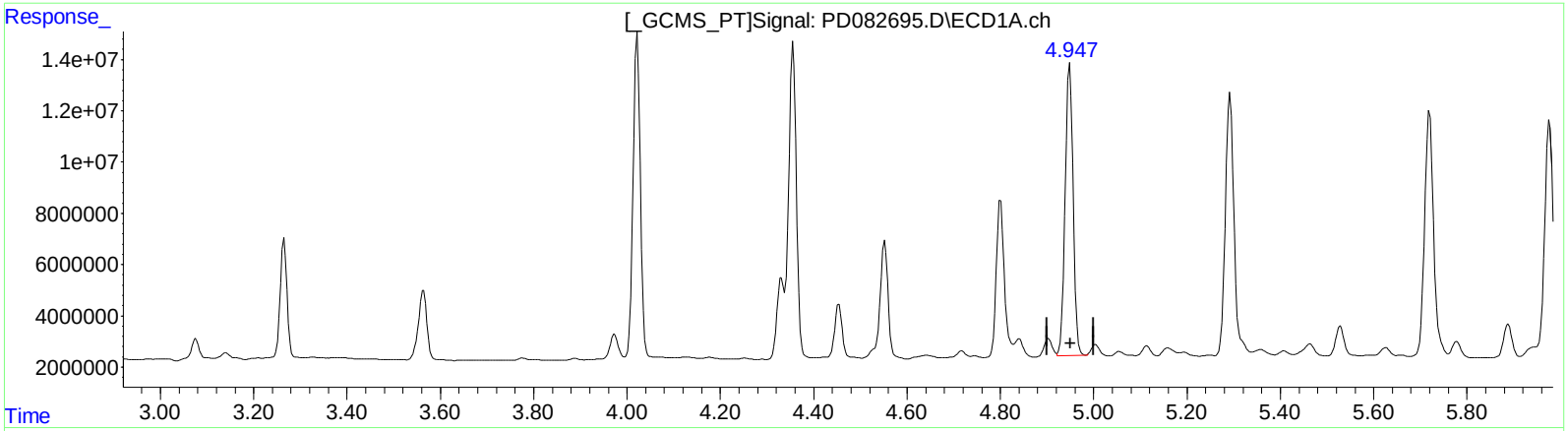
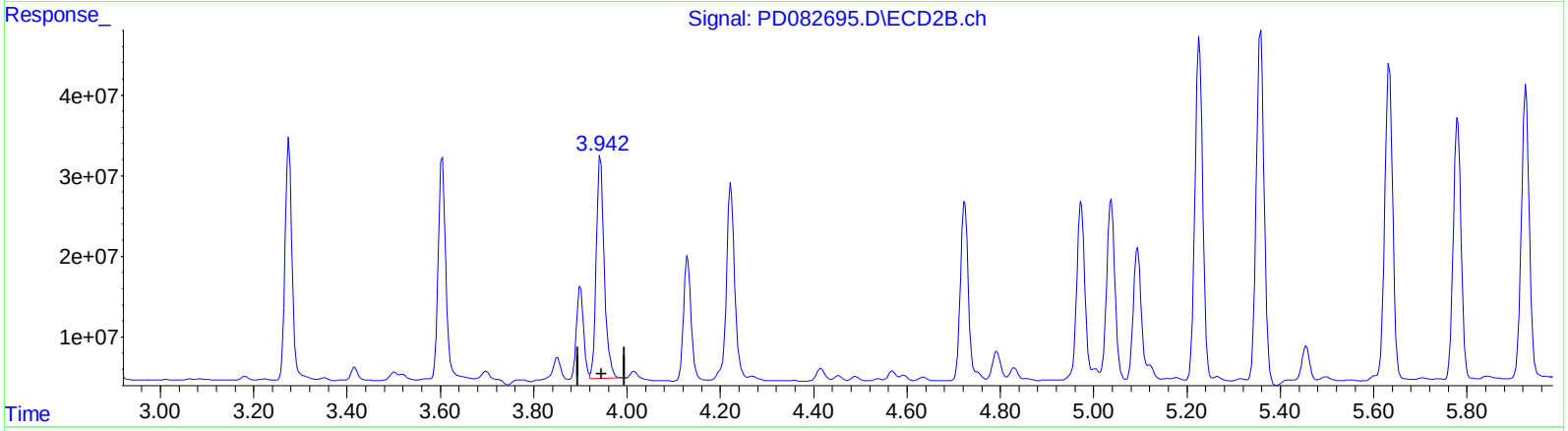
Quant Title  : GC Extractables
QLast Update : Wed Apr 24 16:11:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR1  Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(4)  Heptachlor (MA)

4.947min  57.828 ng/ml m

response  135552038

(4)  Heptachlor #2 (MA)

3.943min  63.565 ng/ml

response  327645534

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050224\
Data File : PD082695.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Apr 2024  15:53
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Sample  : P2238-12MSD
Misc  :
ALS Vial  : 11  Sample Multiplier: 1

Integration File signal 1: autoint1.e
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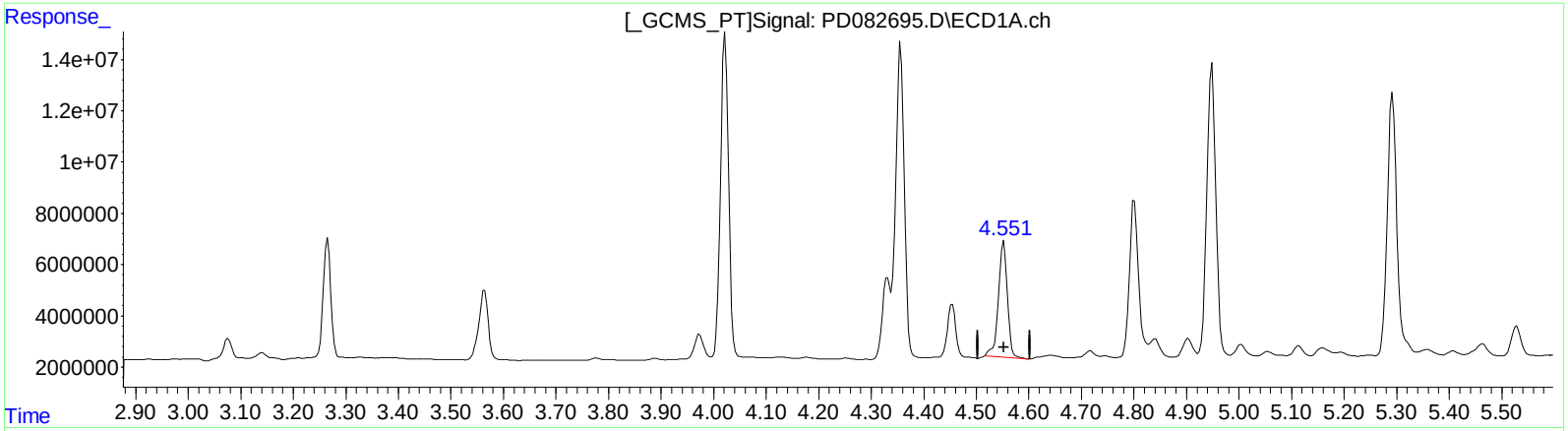
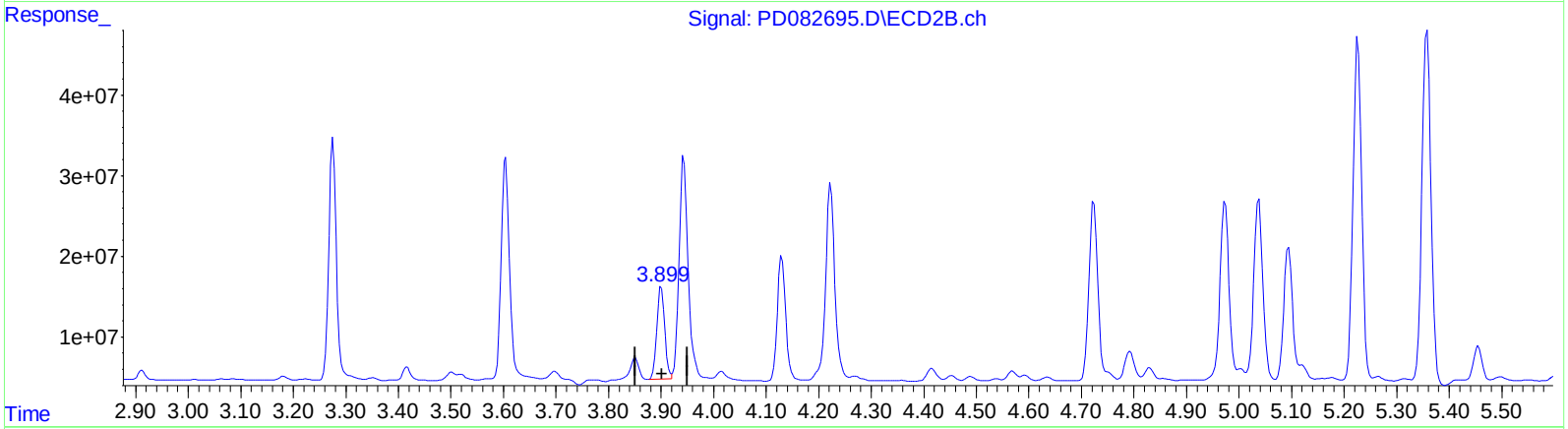
Quant Time: Apr 30 21:08:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042424CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Apr 24 16:11:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR1  Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(6) beta-BHC (B)

4.552min  51.098 ng/ml

response  53615814

(6) beta-BHC #2 (B)

3.900min  53.199 ng/ml

response  121014231

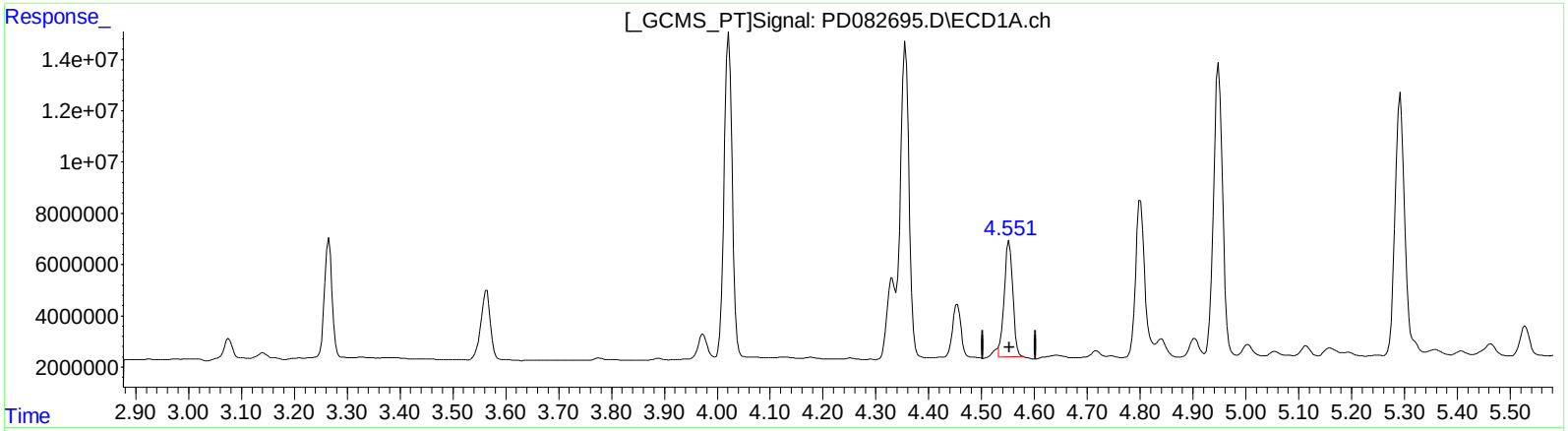
(+) = Expected Retention Time

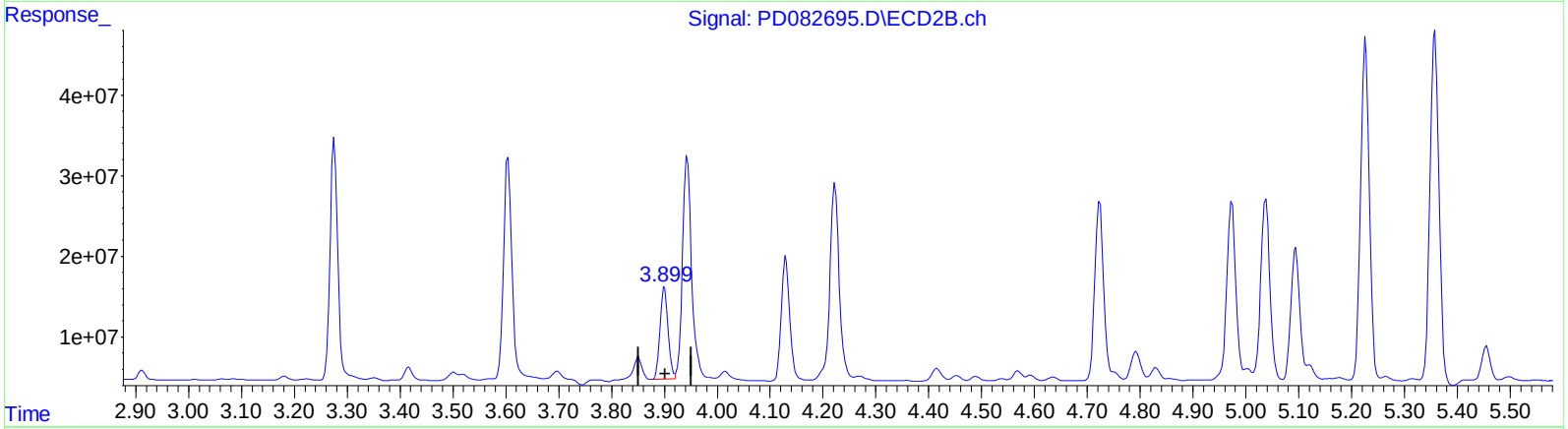
Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050224\
Data File : PD082695.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Apr 2024  15:53
Operator  : AR\AJ
Sample  : P2238-12MSD
Misc  :
ALS Vial  : 11  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 21:08:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042424CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Apr 24 16:11:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR1  Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(6) beta-BHC (B)

4.551min  48.526 ng/ml m

response  50917065

(6) beta-BHC #2 (B)

3.900min  53.199 ng/ml

response  121014231

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050224\
Data File : PD082695.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Apr 2024  15:53
Operator  : AR\AJ
Sample  : P2238-12MSD
Misc  :
ALS Vial  : 11  Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Apr 30 21:08:19 2024
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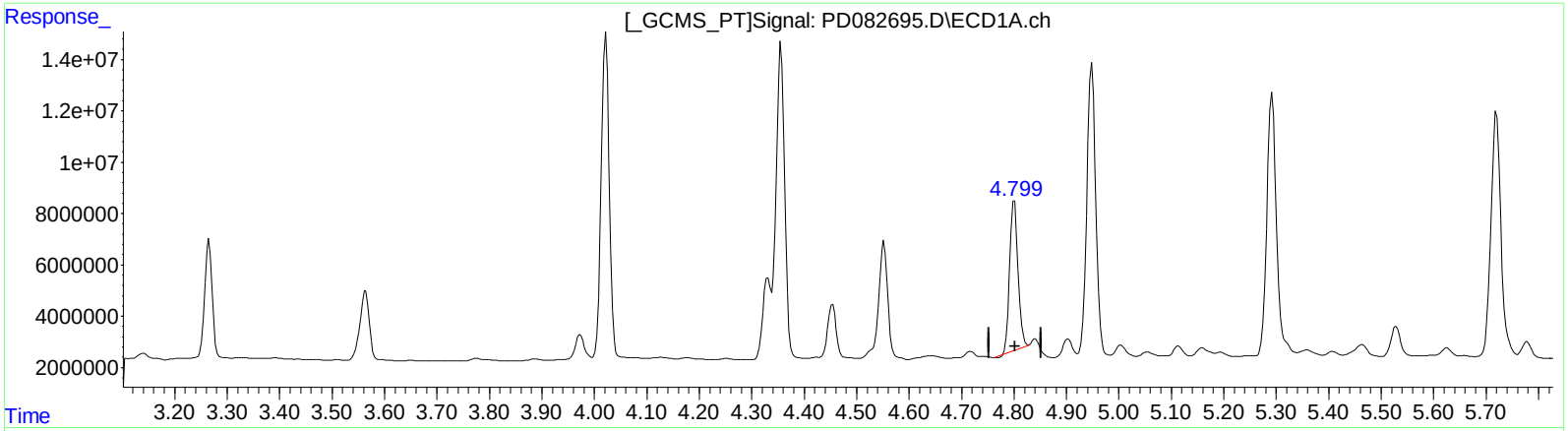
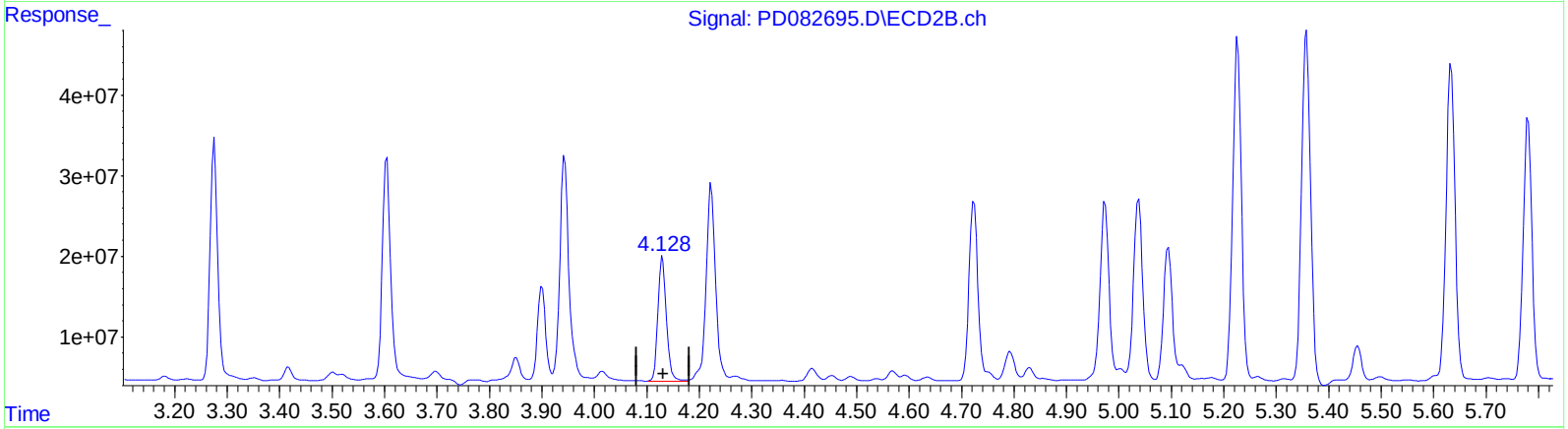
Quant Title  : GC Extractables
QLast Update : Wed Apr 24 16:11:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR1  Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(7)  delta-BHC (B)

4.801min  27.319 ng/ml

response  64343103

(7)  delta-BHC #2 (B)

4.130min  31.689 ng/ml

response  173578821

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ALS Vial  : 11  Sample Multiplier: 1

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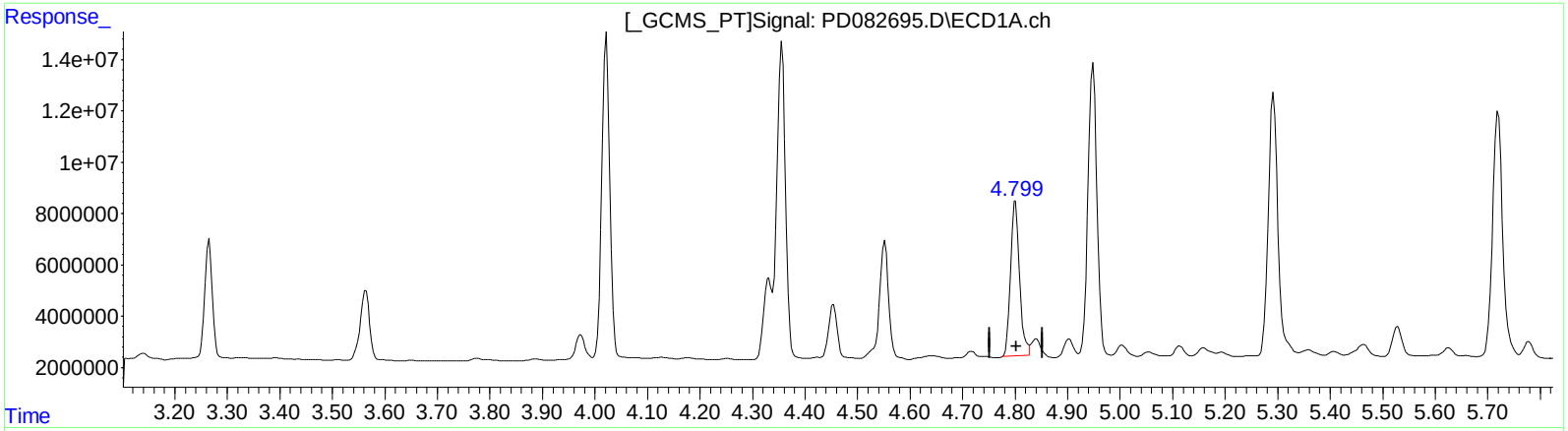


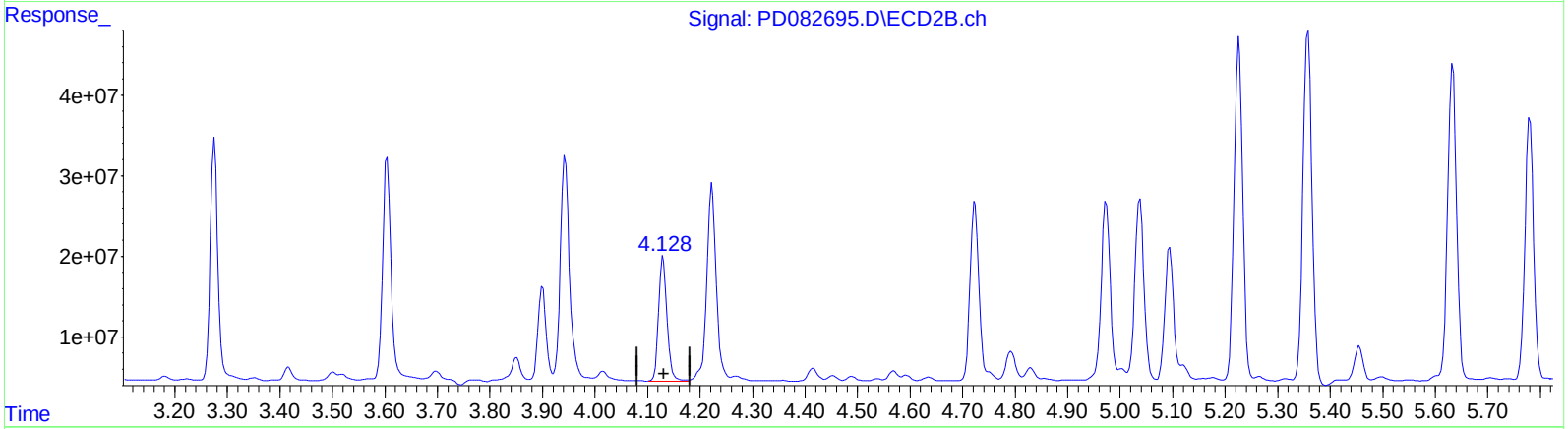


QEdit

(7)  delta-BHC (B)

4.799min  30.228 ng/ml m

response  71194228

(7)  delta-BHC #2 (B)

4.130min  31.689 ng/ml

response  173578821

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050224\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) SA | Tetrachlo... | 3.564 | 2.775 | 33339673 | 71459927 | 23.577 | 20.419 |
| 27) SA | Decachlor... | 9.119 | 7.907 | 33910369 | 69739663 | 17.404 | 18.480 |
| | Target Compounds | | | | | | |
| 2) A | alpha-BHC | 4.021 | 3.276 | 134.6E6 | 308.4E6 | 56.432m | 54.932 |
| 3) MA | gamma-BHC... | 4.355 | 3.604 | 137.7E6 | 305.1E6 | 58.843m | 55.141 |
| 4) MA | Heptachlor | 4.947 | 3.943 | 135.6E6 | 327.6E6 | 57.828m | 63.565 |
| 5) MB | Aldrin | 5.292 | 4.223 | 130.0E6 | 306.3E6 | 57.329 | 59.067 |
| 6) B | beta-BHC | 4.551 | 3.900 | 50917065 | 121.0E6 | 48.526m | 53.199 |
| 7) B | delta-BHC | 4.799 | 4.130 | 71194228 | 173.6E6 | 30.228m | 31.689 |
| 8) B | Heptachlo... | 5.720 | 4.724 | 126.3E6 | 265.3E6 | 59.018 | 54.685 |
| 9) A | Endosulfan I | 6.107 | 5.094 | 108.7E6 | 191.4E6 | 53.593 | 44.330 |
| 10) B | trans-Chl... | 5.977 | 4.974 | 117.1E6 | 265.8E6 | 56.138 | 56.303 |
| 11) B | cis-Chlor... | 6.056 | 5.038 | 117.7E6 | 272.1E6 | 55.092 | 56.317 |
| 12) B | 4,4'-DDE | 6.228 | 5.226 | 196.1E6 | 487.9E6 | 93.041 | 106.543 |
| 13) MA | Dieldrin | 6.383 | 5.358 | 237.2E6 | 523.9E6 | 110.492 | 108.613 |
| 14) MA | Endrin | 6.615 | 5.633 | 203.6E6 | 454.1E6 | 111.428 | 107.290 |
| 15) B | Endosulfa... | 6.833 | 5.926 | 189.9E6 | 436.1E6 | 101.656 | 107.384 |
| 16) A | 4,4'-DDD | 6.747 | 5.780 | 168.4E6 | 374.9E6 | 110.235 | 105.309 |
| 17) MA | 4,4'-DDT | 7.063 | 6.031 | 182.6E6 | 407.9E6 | 113.542 | 108.510 |
| 18) B | Endrin al... | 6.964 | 6.106 | 145.9E6 | 320.0E6 | 100.090 | 97.265 |
| 19) B | Endosulfa... | 7.199 | 6.328 | 162.0E6 | 369.9E6 | 95.590 | 96.267 |
| 20) A | Methoxychlor | 7.539 | 6.606 | 438.4E6 | 851.8E6 | 515.602 | 451.806 |
| 21) B | Endrin ke... | 7.686 | 6.834 | 196.3E6 | 421.0E6 | 108.463 | 98.225 |

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

Quantitation Report (QT Reviewed)

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Integrator: ChemStation

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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm