Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100522\
Data File : PL078106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2022 21:11
Operator : AR\AJ
Sample : RESC352
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
RESC207

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 01:43:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 01:39:00 2022
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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.414 | 2.623 | 35667499 | 63808954 | 20.221 | 18.966 |
| 27) | SA Decachlor... | 8.901 | 7.719 | 61806077 | 106.1E6 | 40.776 | 39.186 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.878 | 3.115 | 23719411 | 46694805 | 9.436 | 9.303 |
| 3) | MA gamma-BHC... | 4.214 | 3.439 | 23409037 | 41346470 | 9.702 | 9.031 |
| 4) | MA Heptachlor | 4.790 | 3.770 | 23561570 | 42093473 | 9.770 | 9.163 |
| 5) | MB Aldrin | 5.130 | 4.044 | 22969272 | 45729106 | 10.521 | 10.251 |
| 6) | B beta-BHC | 4.427 | 3.739 | 12635578 | 19679478 | 10.742 | 9.912 |
| 7) | B delta-BHC | 4.671 | 3.961 | 24649226 | 46721854 | 10.090 | 9.939 |
| 8) | B Heptachlo... | 5.563 | 4.543 | 23714842 | 39962489 | 11.209 | 10.130 |
| 9) | A Endosulfan I | 5.949 | 4.908 | 17042706 | 34309793 | 9.593 | 9.490 |
| 10) | B trans-Chl... | 5.819 | 4.792 | 20302749 | 40631025 | 10.396 | 10.052 |
| 11) | B cis-Chlor... | 5.895 | 4.854 | 19905237 | 38908425 | 10.550 | 10.089 |
| 12) | B 4,4'-DDE | 6.075 | 5.049 | 38959991 | 75805099 | 20.787 | 20.190 |
| 13) | MA Dieldrin | 6.227 | 5.171 | 35912683 | 72890996 | 19.308 | 18.742 |
| 14) | MA Endrin | 6.458 | 5.444 | 30959081 | 60388587 | 19.199 | 18.726 |
| 15) | B Endosulfa... | 6.687 | 5.740 | 37406979 | 65598958 | 23.187 | 20.743 |
| 16) | A 4,4'-DDD | 6.600 | 5.602 | 26202013 | 56214351 | 19.310 | 18.615 |
| 17) | MA 4,4'-DDT | 6.911 | 5.849 | 27820265 | 56361228 | 19.115 | 18.655 |
| 18) | B Endrin al... | 6.818 | 5.918 | 27646930 | 53891512 | 20.542 | 20.844 |
| 19) | B Endosulfa... | 7.051 | 6.142 | 30957218 | 64090651 | 20.847 | 20.675 |
| 20) | A Methoxychlor | 7.392 | 6.427 | 73808982 | 145.0E6 | 98.414 | 97.430 |
| 21) | B Endrin ke... | 7.539 | 6.641 | 34171132 | 69393972 | 21.257 | 20.884 |

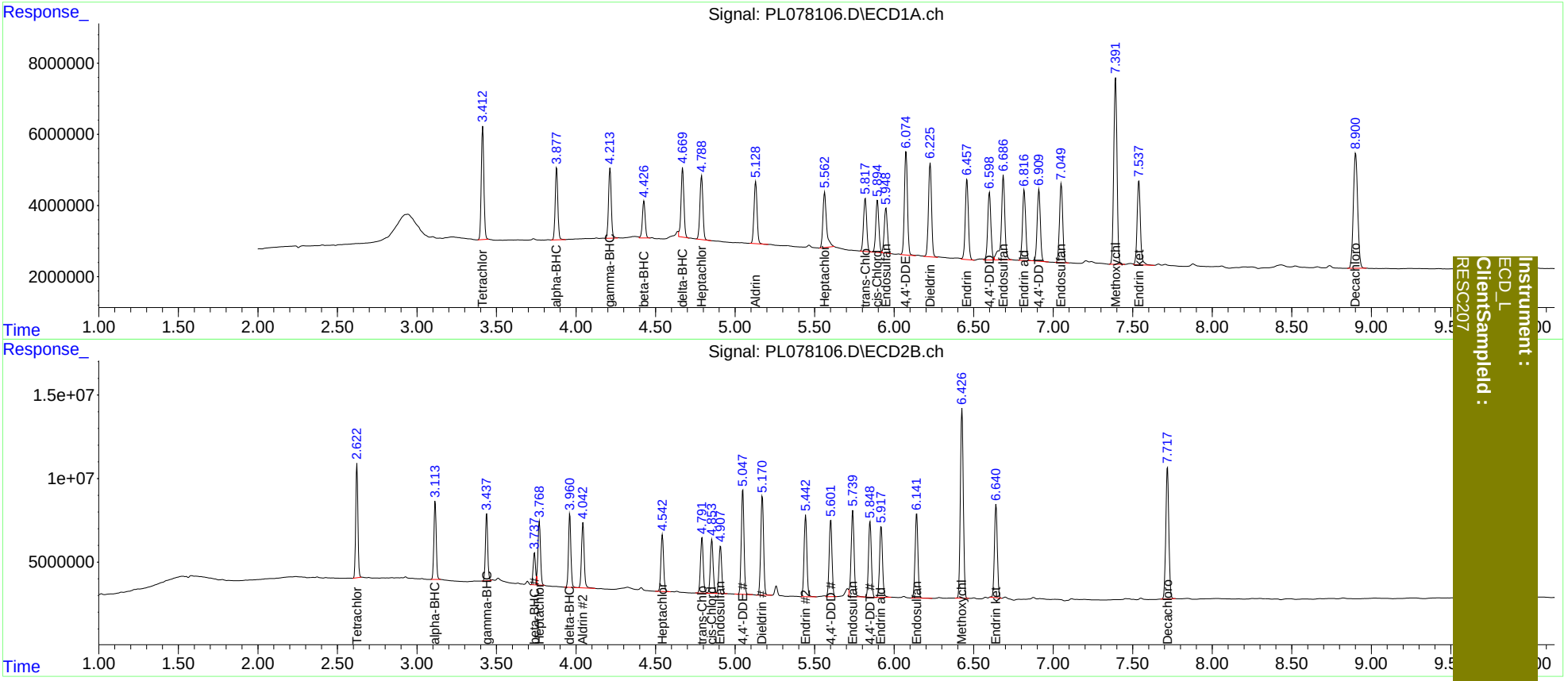
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100522\
Data File : PL078106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2022 21:11
Operator : AR\AJ
Sample : RESC352
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 01:43:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 01:39:00 2022
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



# Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100522\
Data File : PL078106.D
Acq On : 04 Oct 2022 21:11
Operator : AR\AJ
Sample : RESC352
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
RESC207

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Title : GC Extractables
Last Update : Wed Oct 05 01:39:00 2022
Integrator: ChemStation

| RT#1 | RT#2 | Resolution |
|---|---|---|
| 3.414 | 3.878 | 100.00% |
| 3.878 | 4.214 | 100.00% |
| 4.214 | 4.427 | 100.00% |
| 4.427 | 4.671 | 100.00% |
| 4.671 | 4.790 | 100.00% |
| 4.790 | 5.130 | 100.00% |
| 5.130 | 5.563 | 100.00% |
| 5.563 | 5.819 | 100.00% |
| 5.819 | 5.895 | 98.97% |
| 5.895 | 5.949 | 96.40% |
| 5.949 | 6.075 | 100.00% |
| 6.075 | 6.227 | 100.00% |
| 6.227 | 6.458 | 100.00% |
| 6.458 | 6.600 | 100.00% |
| 6.600 | 6.687 | 97.07% |
| 6.687 | 6.818 | 100.00% |
| 6.818 | 6.911 | 100.00% |
| 6.911 | 7.051 | 100.00% |
| 7.051 | 7.392 | 100.00% |
| 7.392 | 7.539 | 100.00% |
| 7.539 | 8.901 | 100.00% |

Signal #2

| | | |
|---|---|---|
| 2.623 | 3.115 | 100.00% |
| 3.115 | 3.439 | 100.00% |
| 3.439 | 3.739 | 100.00% |
| 3.739 | 3.770 | 74.57% |
| 3.770 | 3.961 | 100.00% |
| 3.961 | 4.044 | 100.00% |
| 4.044 | 4.543 | 100.00% |
| 4.543 | 4.792 | 100.00% |
| 4.792 | 4.854 | 99.66% |
| 4.854 | 4.908 | 98.14% |
| 4.908 | 5.049 | 100.00% |
| 5.049 | 5.171 | 100.00% |
| 5.171 | 5.444 | 100.00% |
| 5.444 | 5.602 | 100.00% |
| 5.602 | 5.740 | 100.00% |
| 5.740 | 5.849 | 100.00% |
| 5.849 | 5.918 | 99.69% |
| 5.918 | 6.142 | 100.00% |
| 6.142 | 6.427 | 100.00% |
| 6.427 | 6.641 | 100.00% |
| 6.641 | 7.719 | 100.00% |

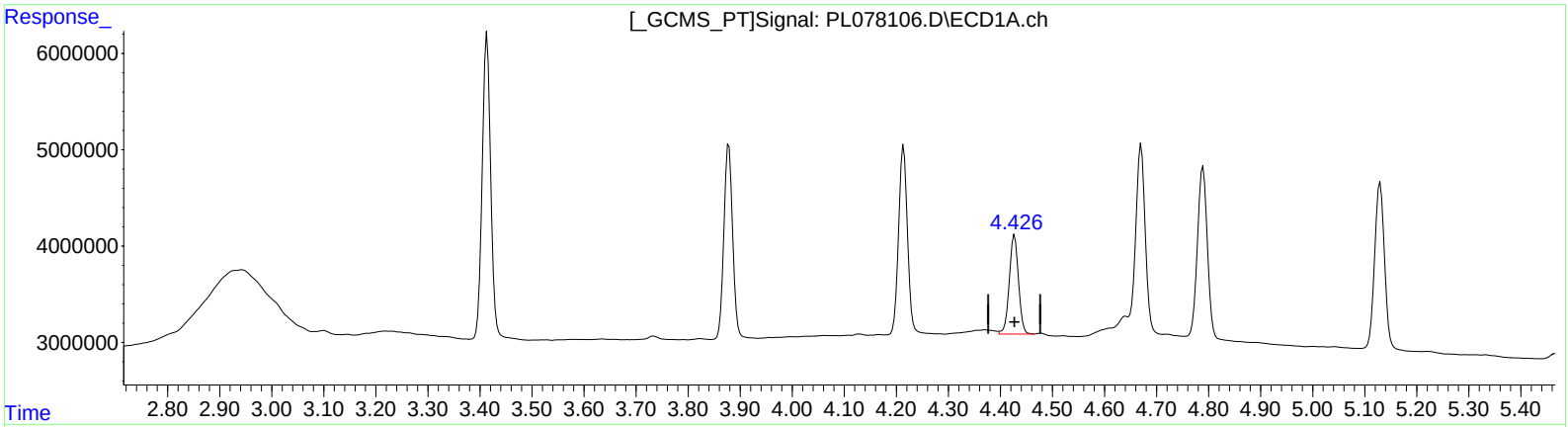
Quantitation Report (Qedit)

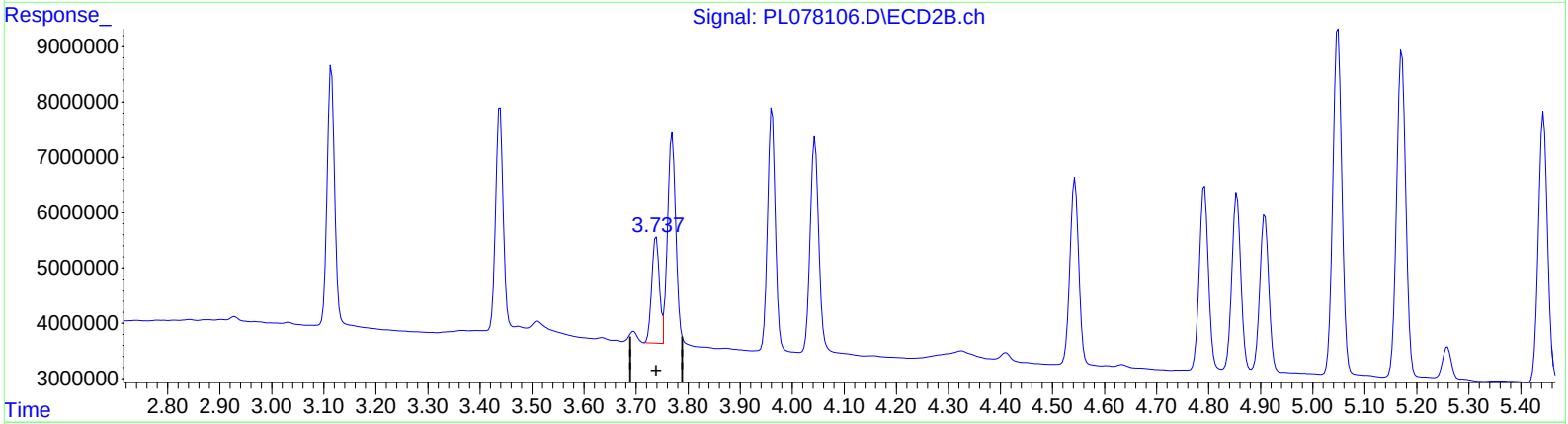
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100522\
Data File : PL078106.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 04 Oct 2022  21:11
Operator : AR\AJ
Sample : RESC352
Misc :
ALS Vial : 2  Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
RESC207

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 01:43:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 01:39:00 2022
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

(6) beta-BHC (B)

4.427min 10.742 ng/ml

response 12635578

(6) beta-BHC #2 (B)

3.739min 9.912 ng/ml

response 19679478

(+) = Expected Retention Time

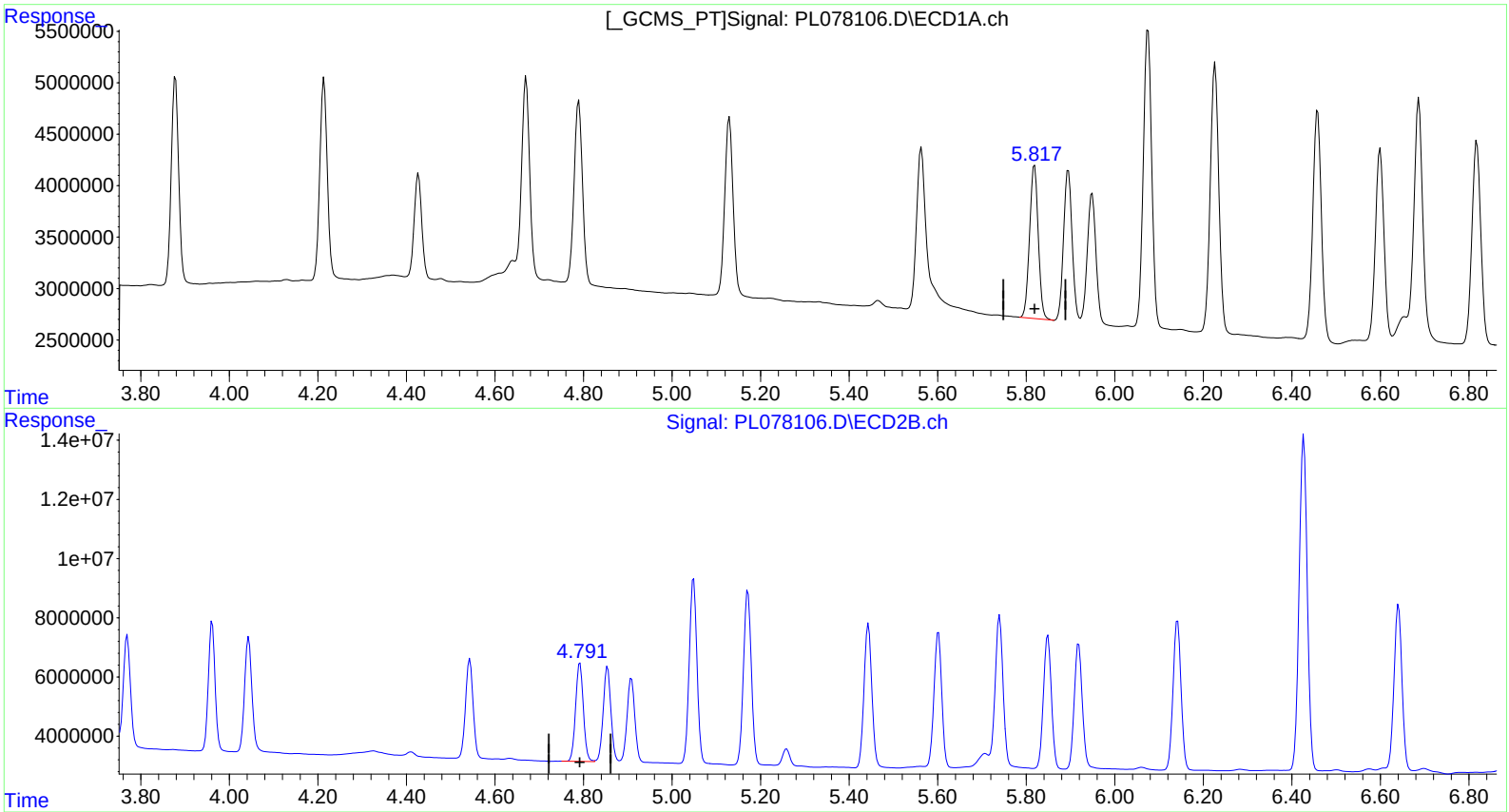
Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100522\
Data File : PL078106.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 04 Oct 2022  21:11
Operator  : AR\AJ
Sample  : RESC352
Misc  :
ALS Vial  : 2  Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
RESC207

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 01:43:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 05 01:39:00 2022
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

(10)  trans-Chlordane (B)

5.819min  10.396 ng/ml

response  20302749

(10)  trans-Chlordane #2 (B)

4.792min  10.052 ng/ml

response  40631025

(+) = Expected Retention Time

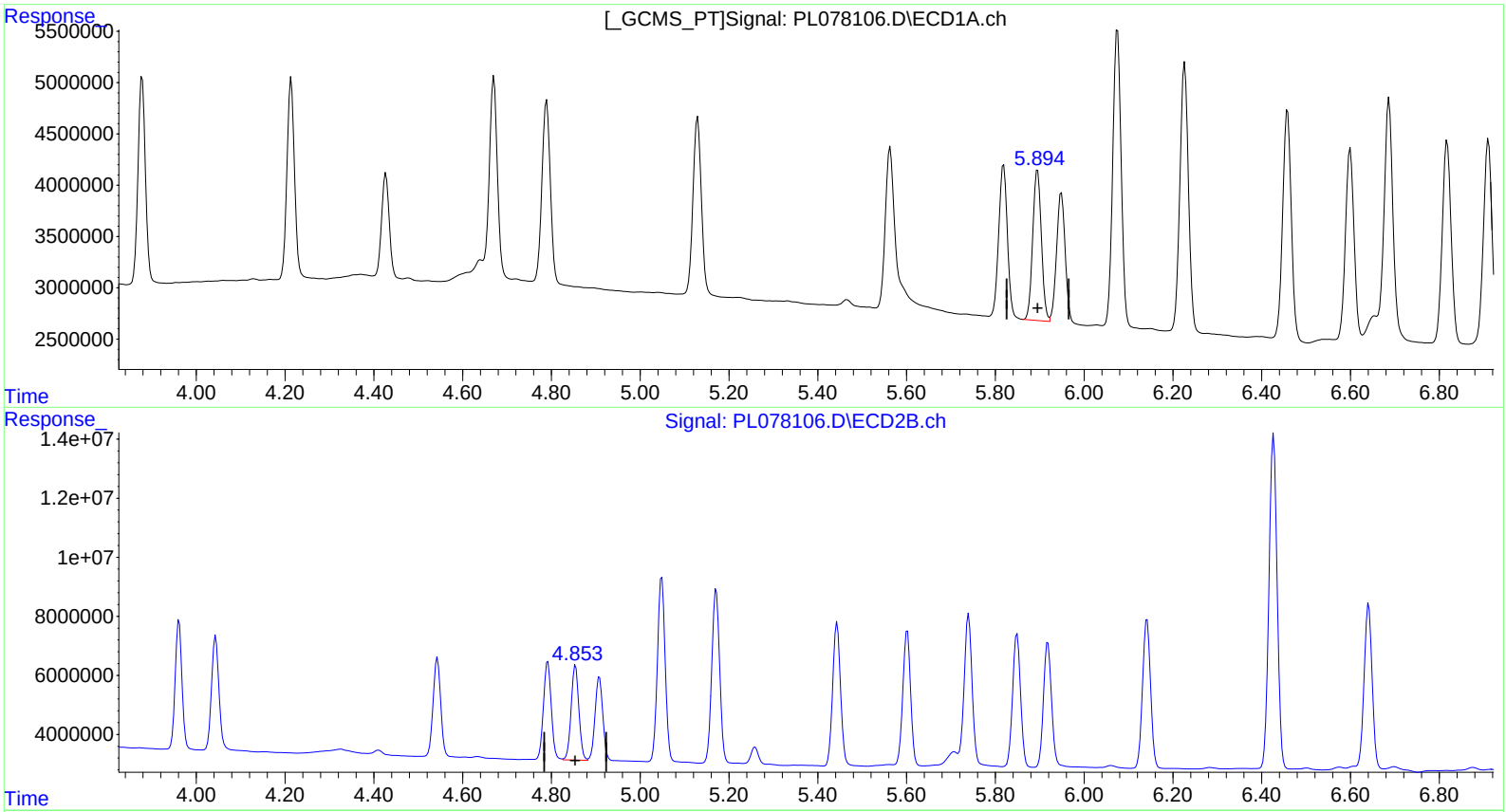
Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100522\
Data File : PL078106.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 04 Oct 2022  21:11
Operator  : AR\AJ
Sample  : RESC352
Misc  :
ALS Vial  : 2  Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
RESC207

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 01:43:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100522CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 05 01:39:00 2022
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




(11)  cis-Chlordane (B)

5.895min  10.550 ng/ml

response  19905237

(11)  cis-Chlordane #2 (B)

4.854min  10.089 ng/ml

response  38908425

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100522\
Data File : PL078106.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 04 Oct 2022  21:11
Operator : AR\AJ
Sample : RESC352
Misc :
ALS Vial : 2  Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
RESC207

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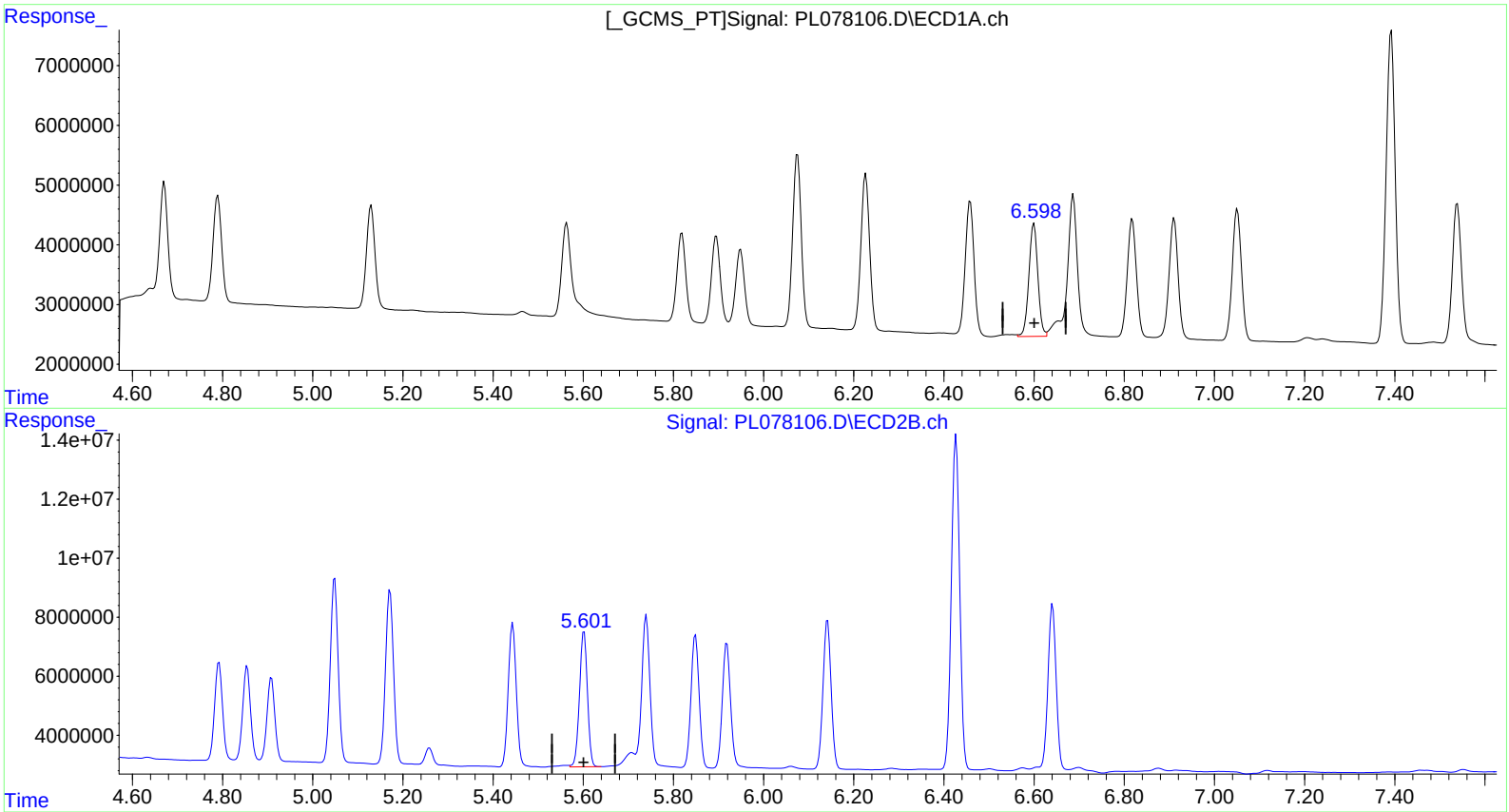
QLast Update : Wed Oct 05 01:39:00 2022
Response via : Initial Calibration
Integrator: ChemStation

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

(16) 4,4'-DDD (A)
6.600min 19.310 ng/ml
response 26202013

(16) 4,4'-DDD #2 (A)
5.602min 18.615 ng/ml
response 56214351

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100522\
Data File : PL078106.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 04 Oct 2022  21:11
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Sample  : RESC352
Misc  :
ALS Vial  : 2  Sample Multiplier: 1

**Instrument :**
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Signal #1 Phase : ZB-MR2  Signal #2 Phase: ZB-MR1
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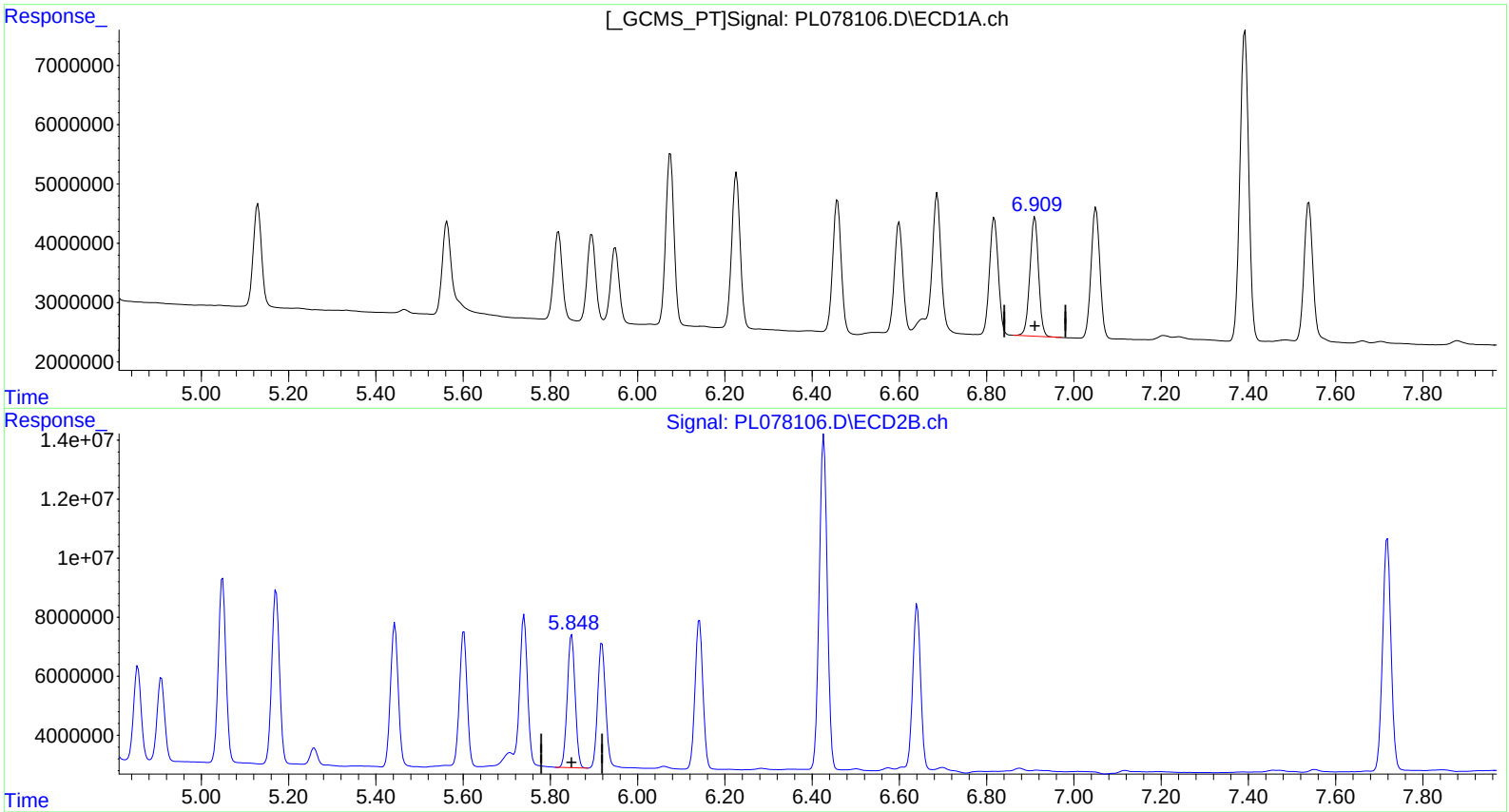


QEdit

(17)  4,4'-DDT (MA)

6.911min  19.115 ng/ml

response  27820265

(17)  4,4'-DDT #2 (MA)

5.849min  18.655 ng/ml

response  56361228

(+) = Expected Retention Time