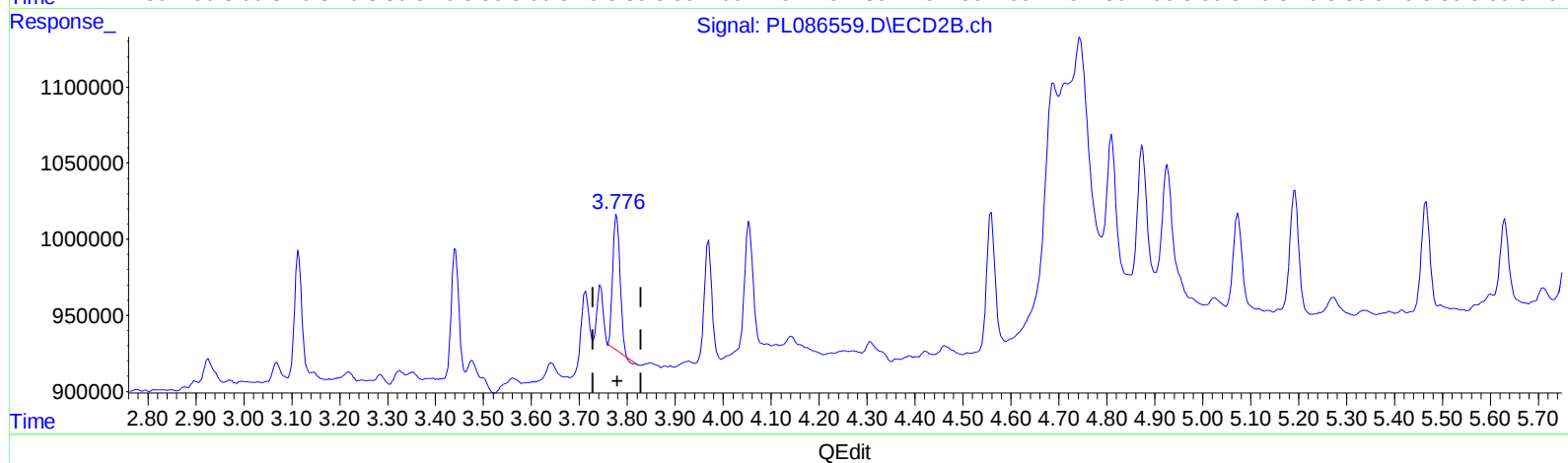
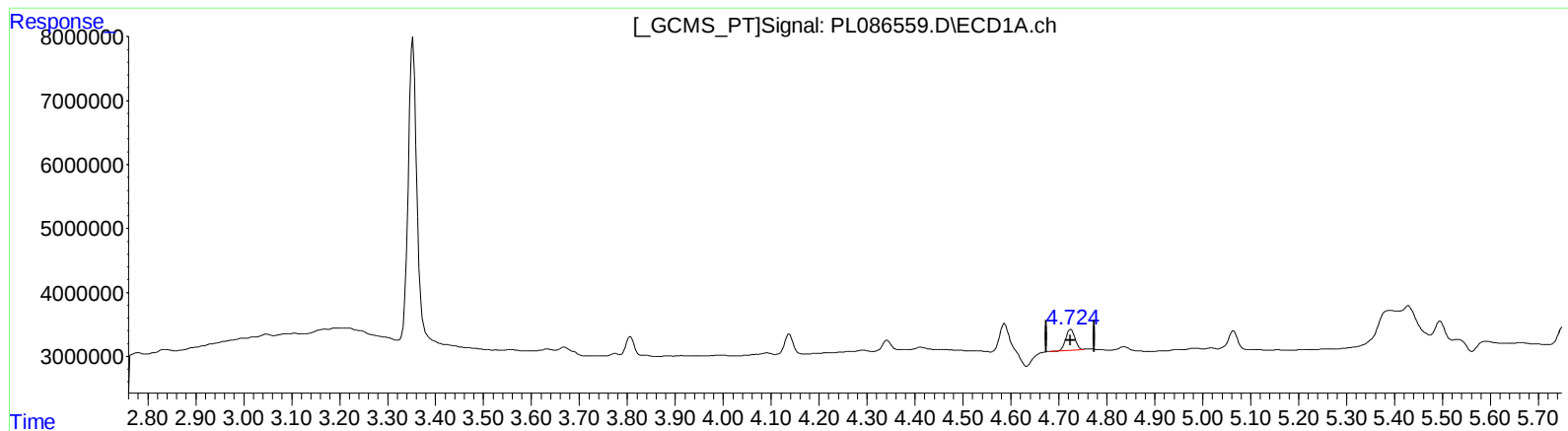


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



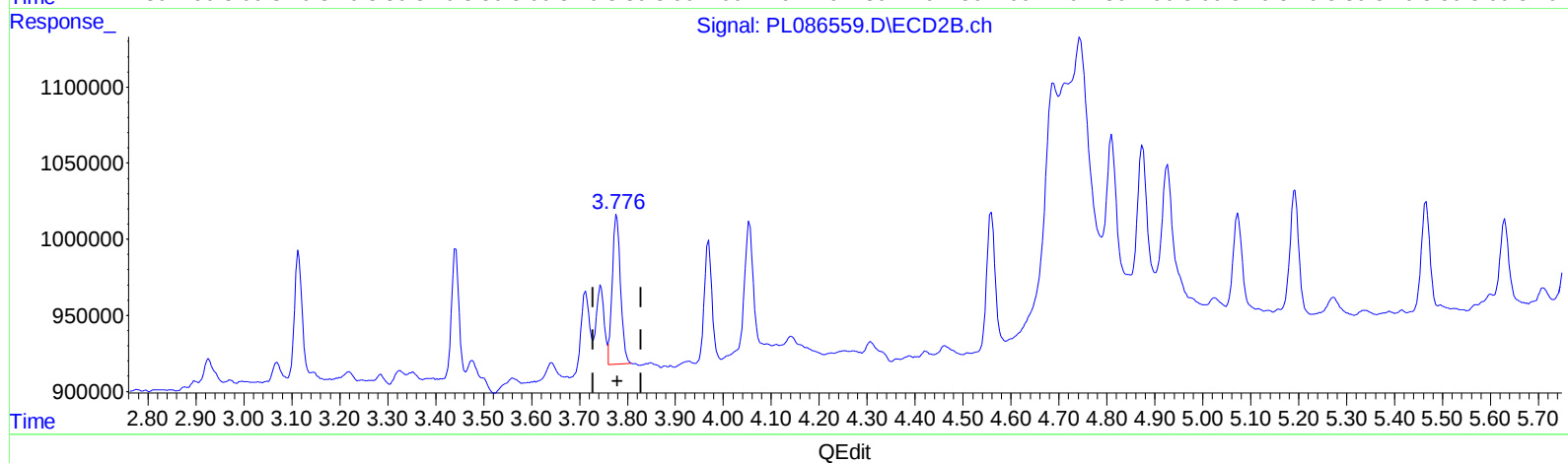
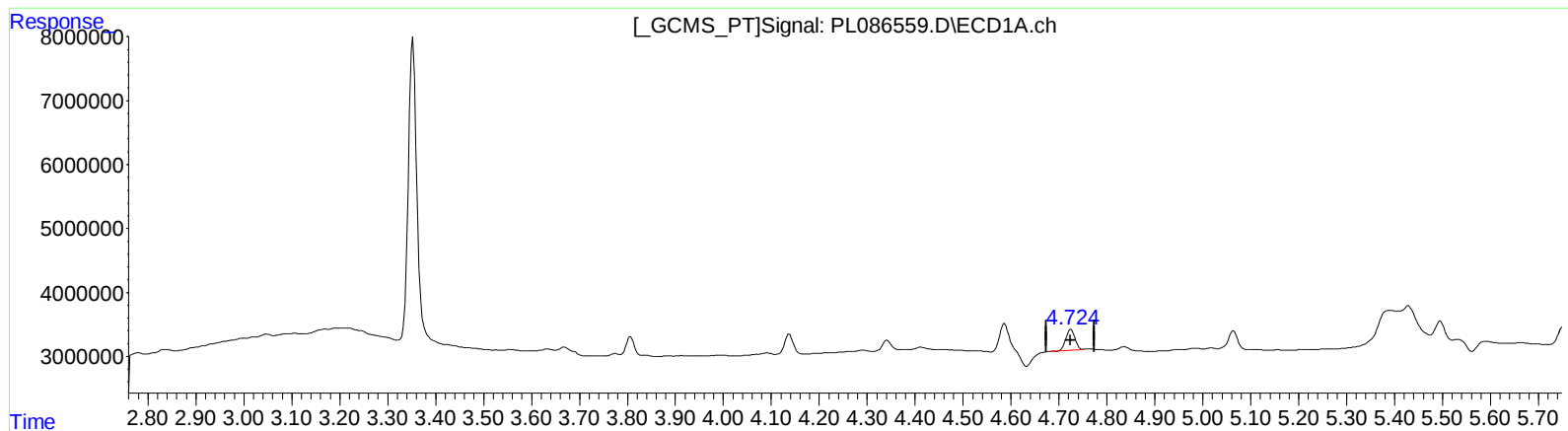
(4) Heptachlor (MA)
4.725min 0.957 ng/ml
response 4226669

(4) Heptachlor #2 (MA)
3.778min 0.743 ng/ml
response 928881

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
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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



(4) Heptachlor (MA)

4.725min 0.957 ng/ml

response 4226669

(4) Heptachlor #2 (MA)

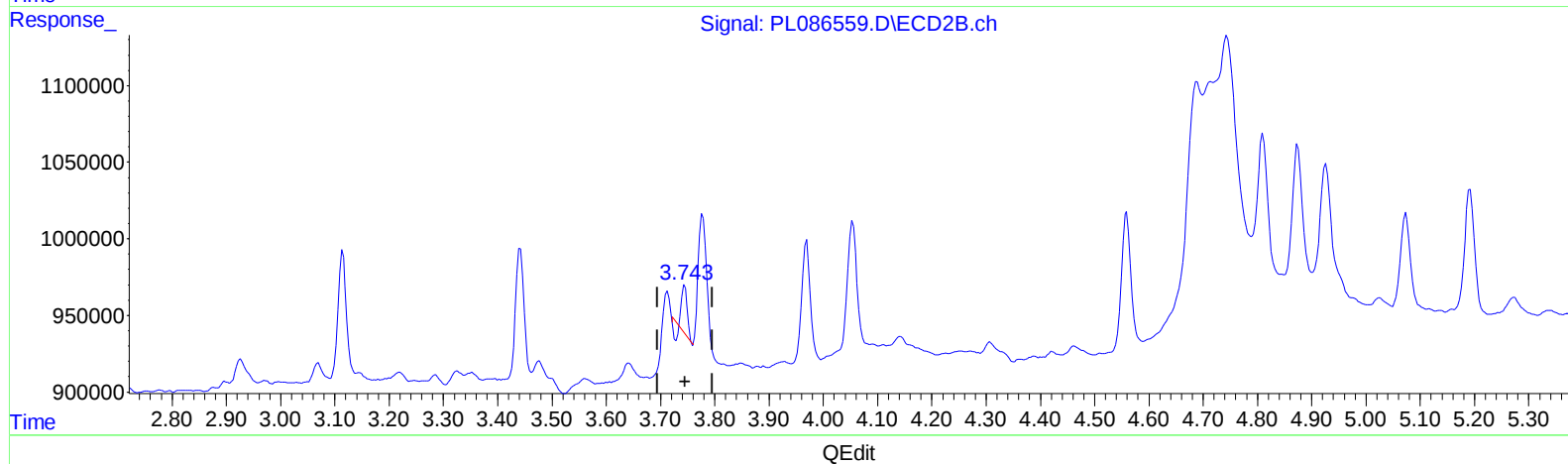
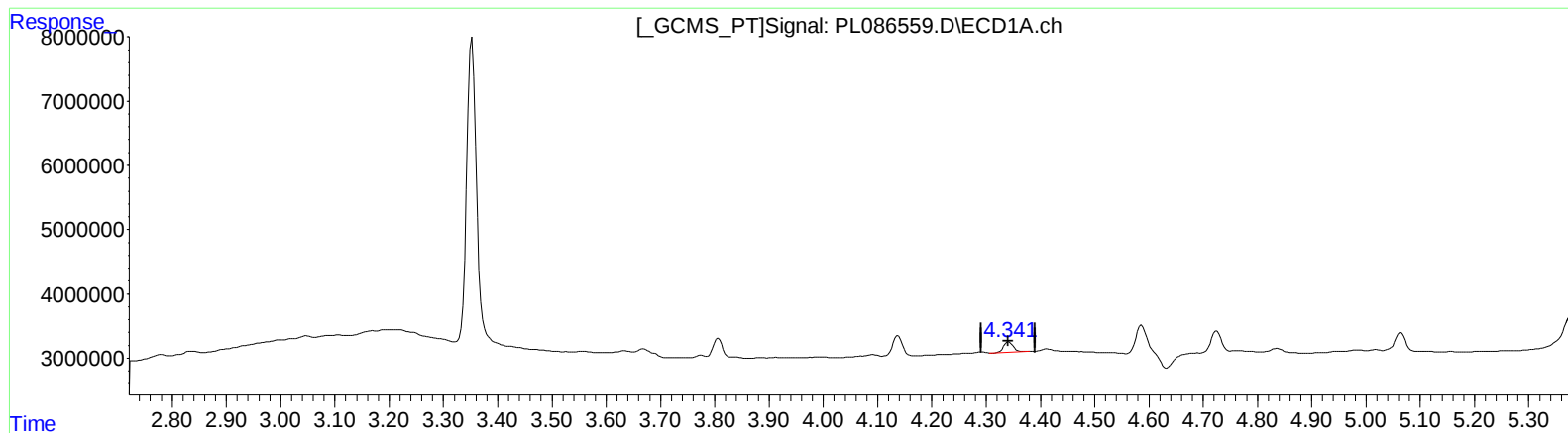
3.776min 0.940 ng/ml m

response 1175763

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(6) beta-BHC (B)

4.342min 0.969 ng/ml

response 1948029

(6) beta-BHC #2 (B)

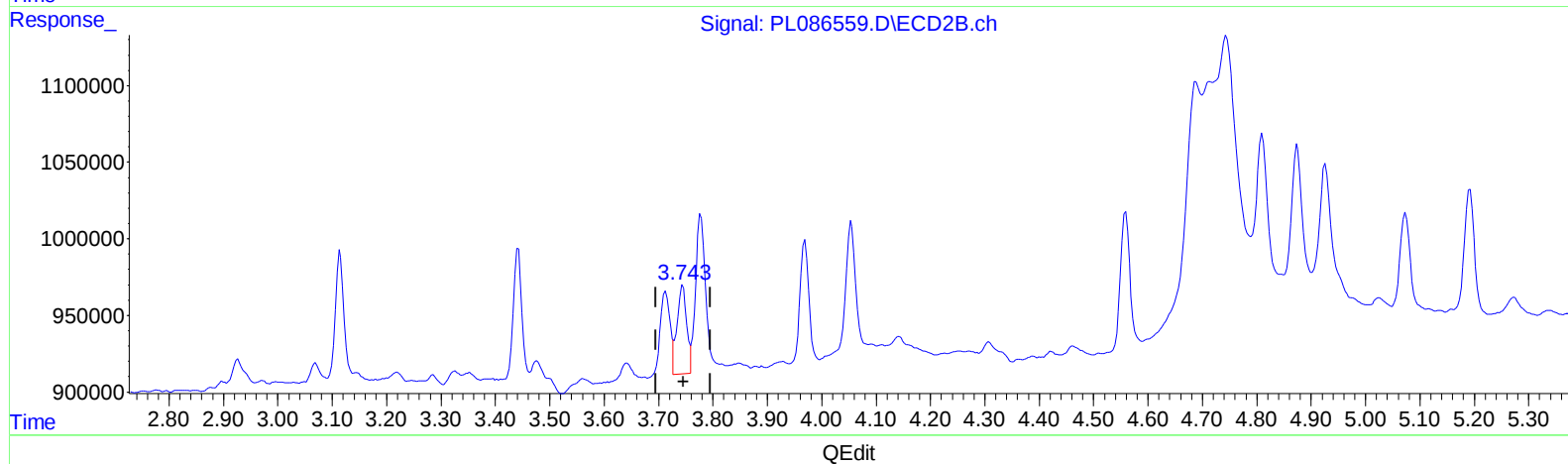
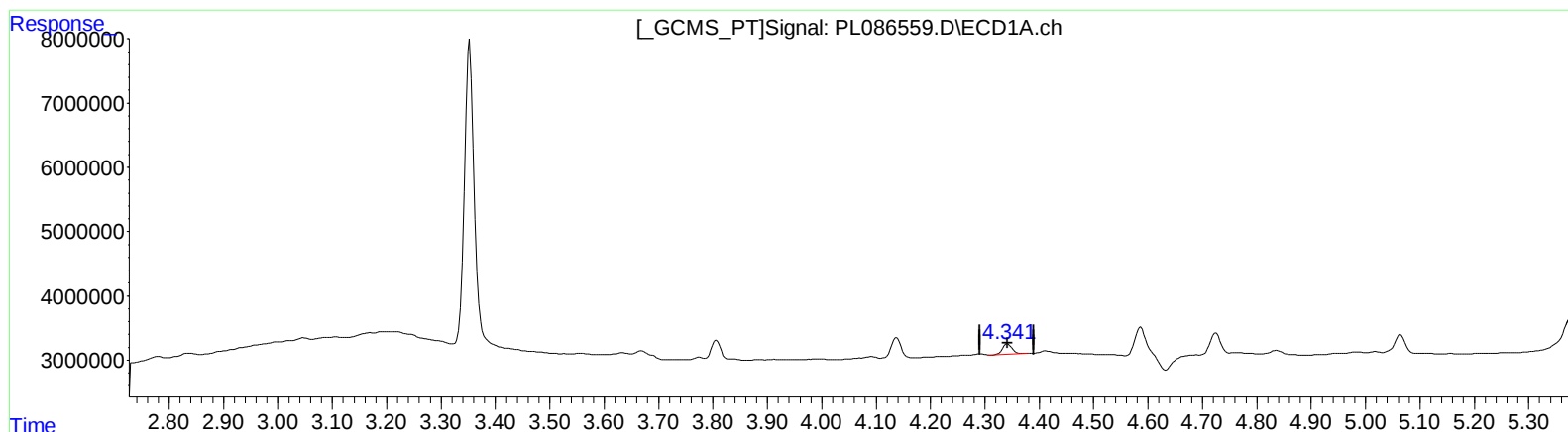
3.744min 0.284 ng/ml

response 176443

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(6) beta-BHC (B)

4.342min 0.969 ng/ml

response 1948029

(6) beta-BHC #2 (B)

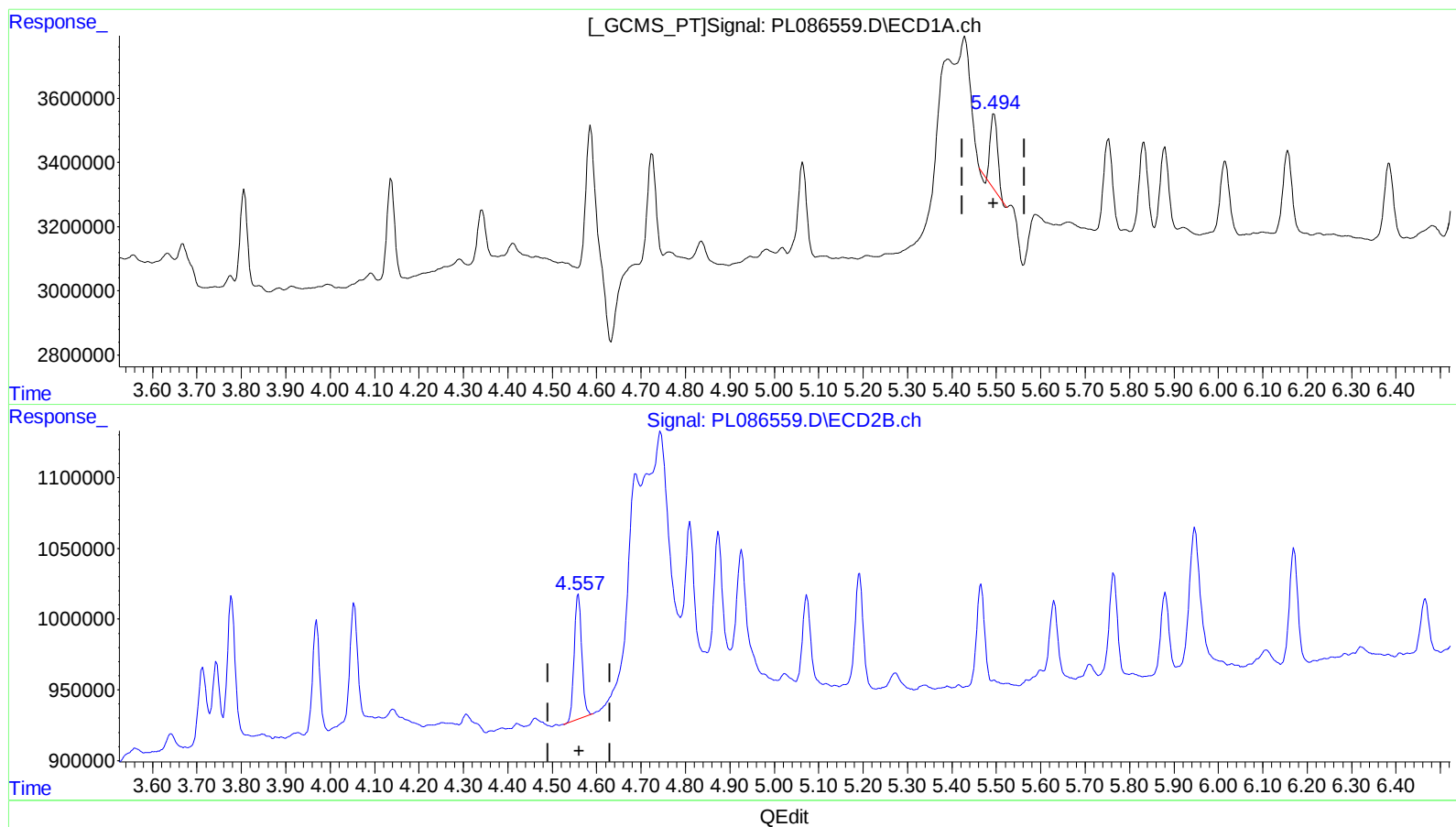
3.743min 1.105 ng/ml m

response 687889

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(8) Heptachlor epoxide (B)

5.495min 0.649 ng/ml

response 2606249

(8) Heptachlor epoxide #2 (B)

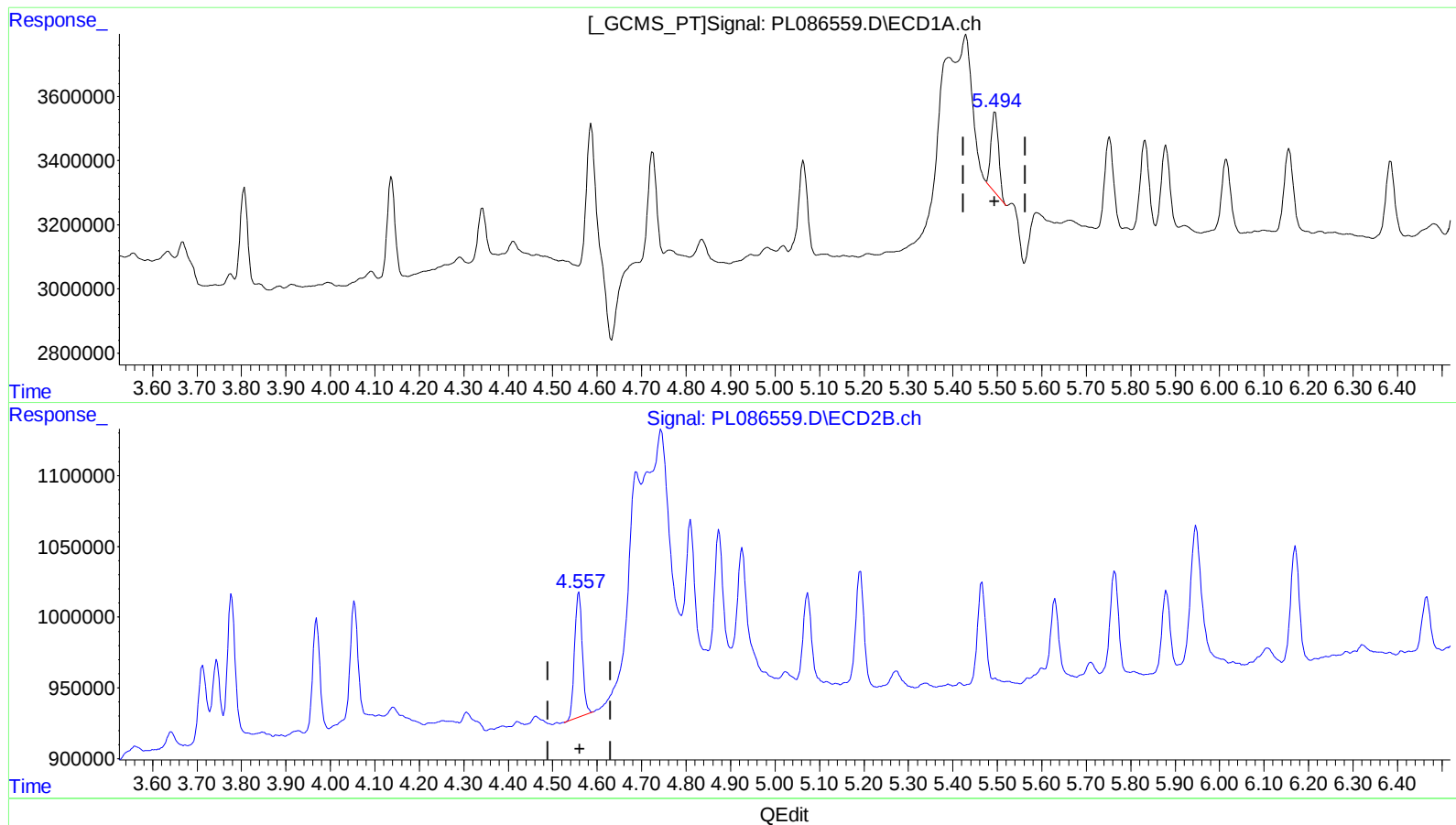
4.559min 0.905 ng/ml

response 1044079

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(8) Heptachlor epoxide (B)

5.494min 0.743 ng/ml m

response 2982208

(8) Heptachlor epoxide #2 (B)

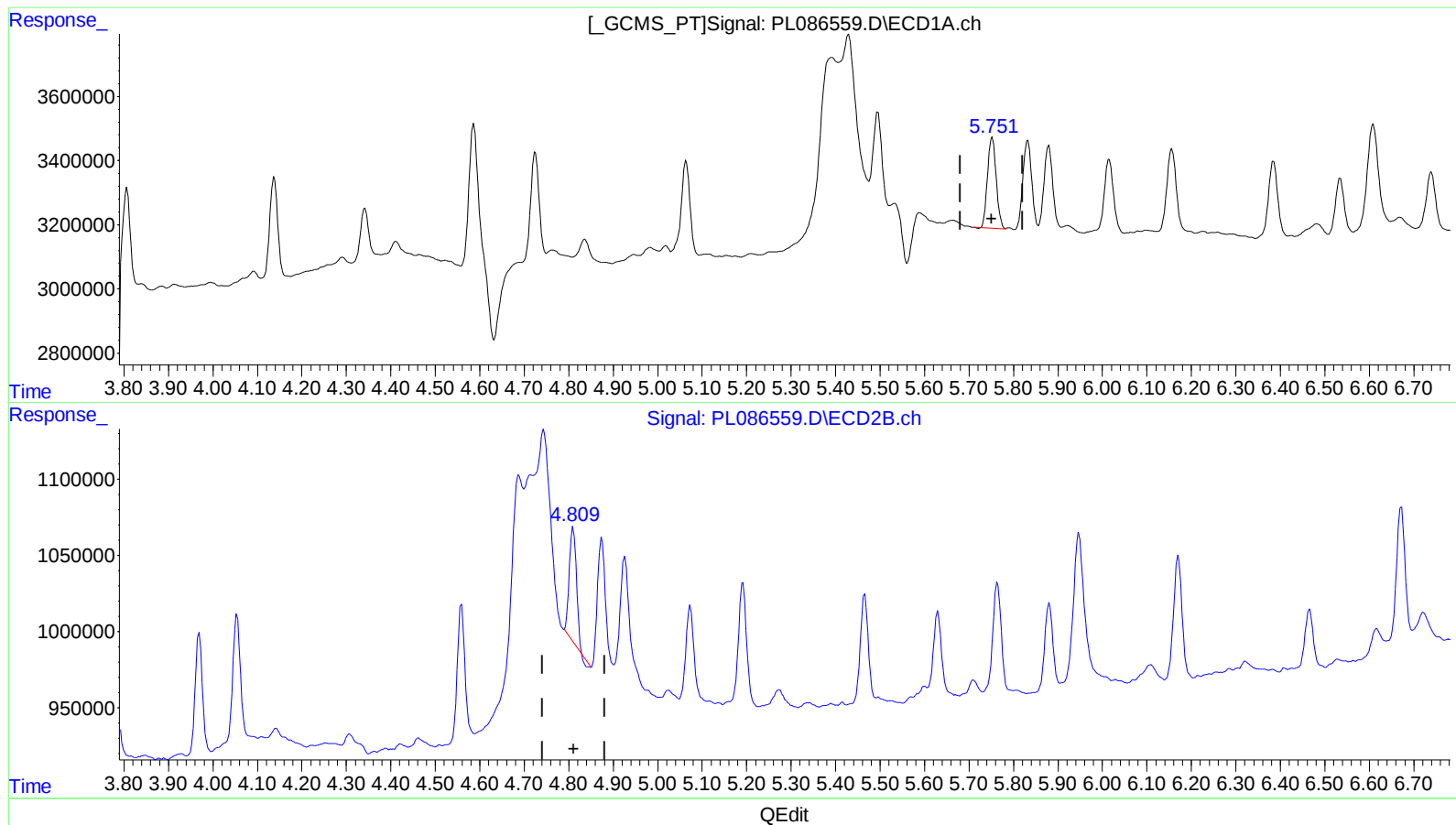
4.559min 0.905 ng/ml

response 1044079

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.753min 1.023 ng/ml

response 3904747

(10) trans-Chlordane #2 (B)

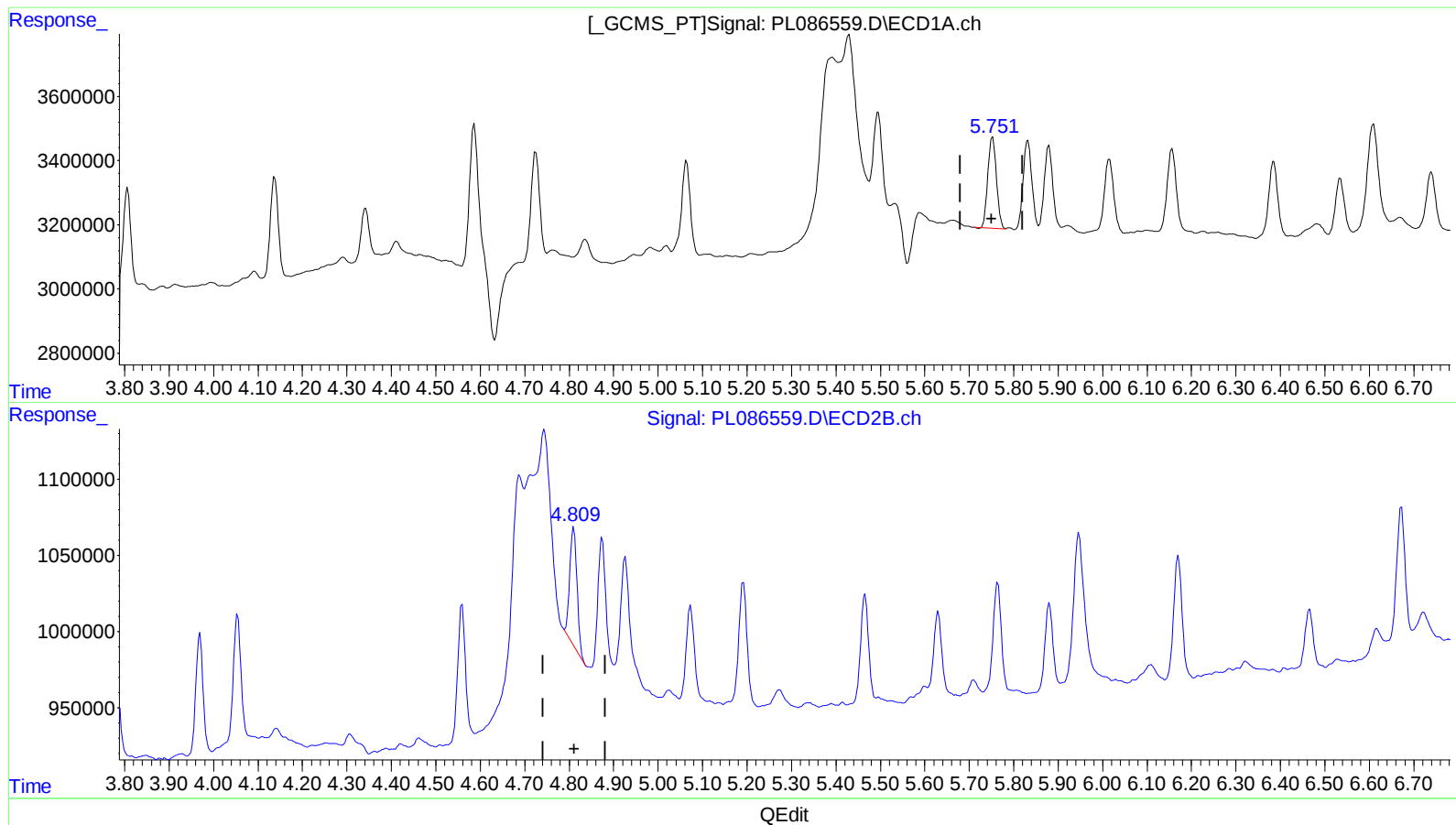
4.810min 0.725 ng/ml

response 815153

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.753min 1.023 ng/ml

response 3904747

(10) trans-Chlordane #2 (B)

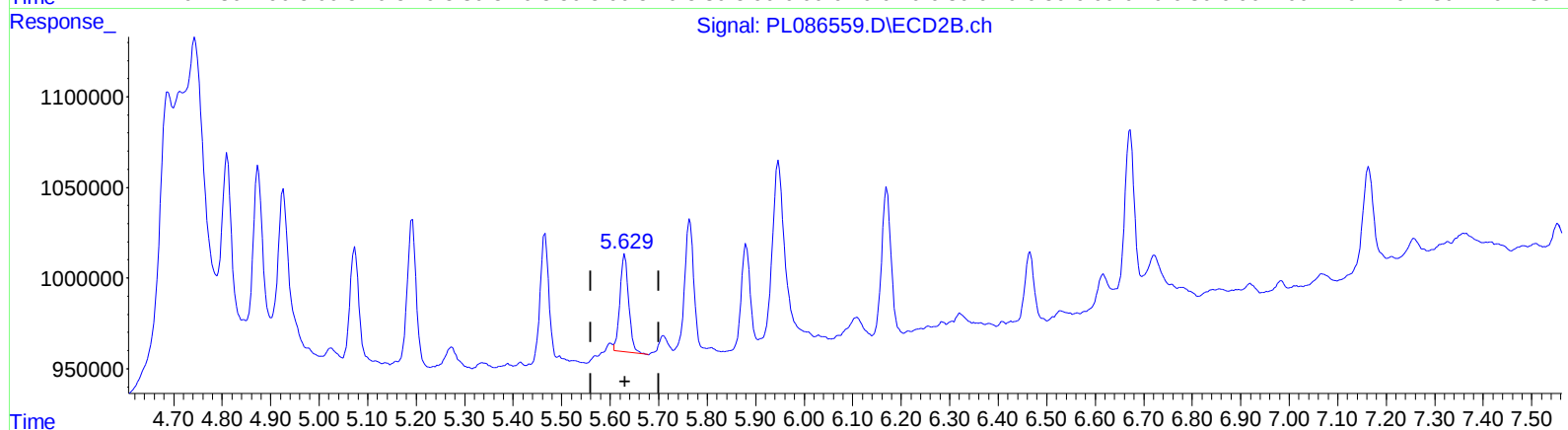
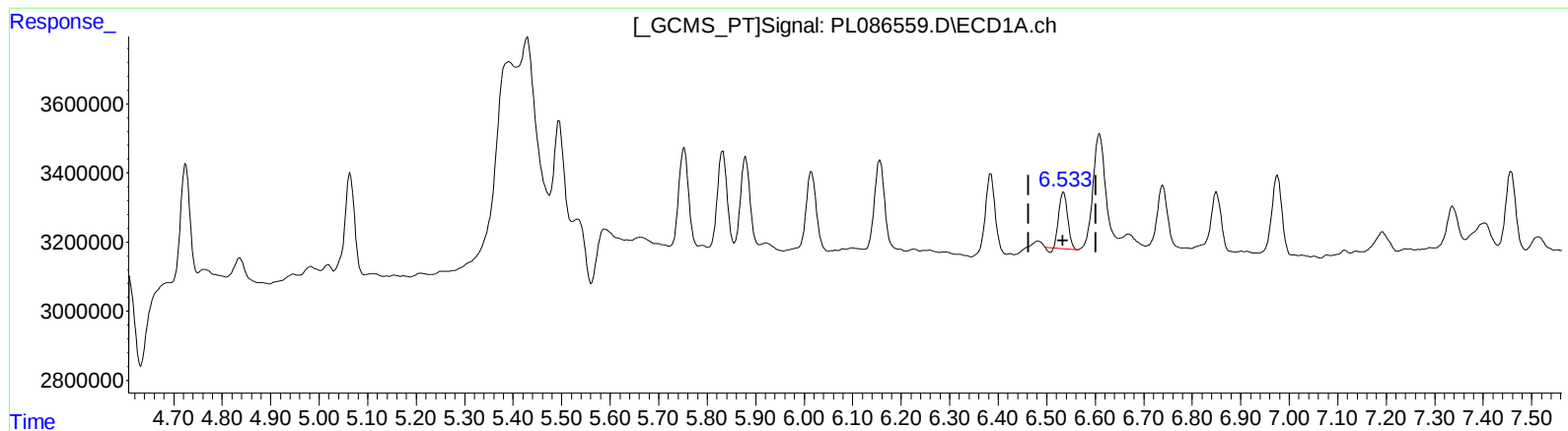
4.809min 0.792 ng/ml m

response 890474

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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)

6.535min 0.855 ng/ml

response 2042516

(16) 4,4'-DDD #2 (A)

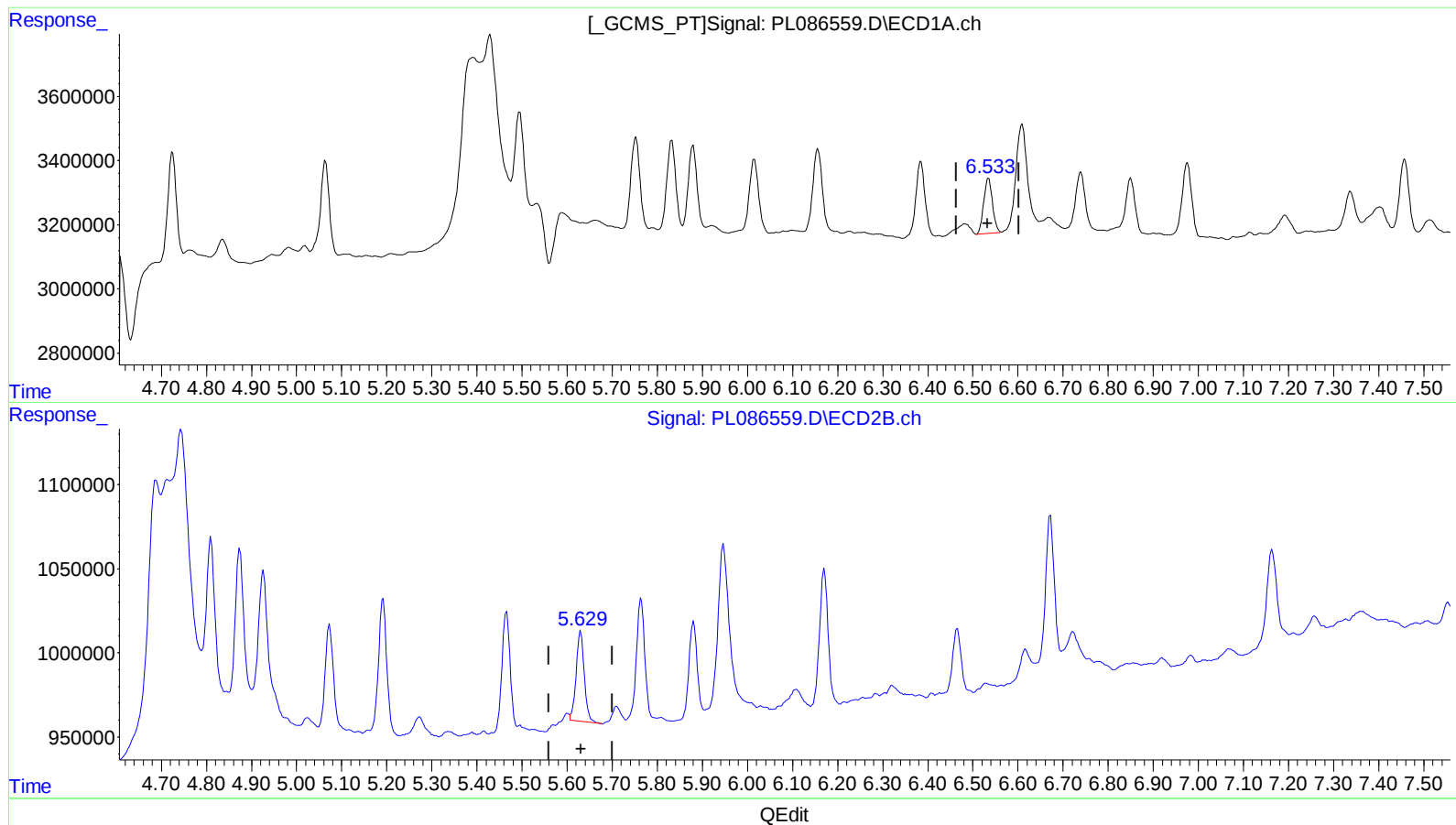
5.630min 0.871 ng/ml

response 682143

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:03:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 22:13:26 2023
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)

6.533min 0.970 ng/ml m

response 2317791

(16) 4,4'-DDD #2 (A)

5.630min 0.871 ng/ml

response 682143

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
 Data File : PL086559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 11:45
 Operator : AR\AJ
 Sample : 04696-02
 Misc : PEST MDL WATER 1PPB
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:03:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110923CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 22:13:26 2023
 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...	3.353	2.617	59221032	17194704	19.968	19.482
27) SA Decachlor...	8.857	7.769	60034547	24338164	22.532	21.936
Target Compounds						
2) A alpha-BHC	3.807	3.114	3096973	827129	0.702	0.674
3) MA gamma-BHC...	4.138	3.442	3949609	862645	0.930	0.721
4) MA Heptachlor	4.725	3.776	4226669	1175763	0.957	0.940m
5) MB Aldrin	5.064	4.054	3613774	1021254	0.876	0.903
6) B beta-BHC	4.342	3.743	1948029	687889	0.969	1.105m
7) B delta-BHC	4.587	3.969	5949218	871729	1.412	0.713 #
8) B Heptachlo...	5.494	4.559	2982208	1044079	0.743m	0.905
9) A Endosulfan I	5.879	4.926	3348534	1169776	0.907	1.097
10) B trans-Chl...	5.753	4.809	3904747	890474	1.023	0.792m
11) B cis-Chlor...	5.832	4.874	3753613	1142885	0.964	0.959
12) B 4,4'-DDE	6.015	5.073	3340288	734737	1.046	0.733 #
13) MA Dieldrin	6.157	5.192	3810593	1006219	1.028	0.886
14) MA Endrin	6.385	5.466	3343216	857897	1.075	0.815
15) B Endosulfa...	6.609	5.764	5421709	909690	1.638	0.863 #
16) A 4,4'-DDD	6.533	5.630	2317791	682143	0.970m	0.871
17) MA 4,4'-DDT	6.850	5.881	2329988	661251	0.899	0.732
18) B Endrin al...	6.739	5.947	2505360	1502362	0.992	1.674 #
19) B Endosulfa...	6.976	6.170	3311936	1078584	1.046	1.006
20) A Methoxychlor	7.337	6.466	1475936	505863	1.070	0.937
21) B Endrin ke...	7.458	6.672	3005322	1060381	0.932	0.896

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111023\
Data File : PL086559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 11:45
Operator : AR\AJ
Sample : 04696-02
Misc : PEST MDL WATER 1PPB
ALS Vial : 5 Sample Multiplier: 1

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

