Quantitation Report (Qedit)

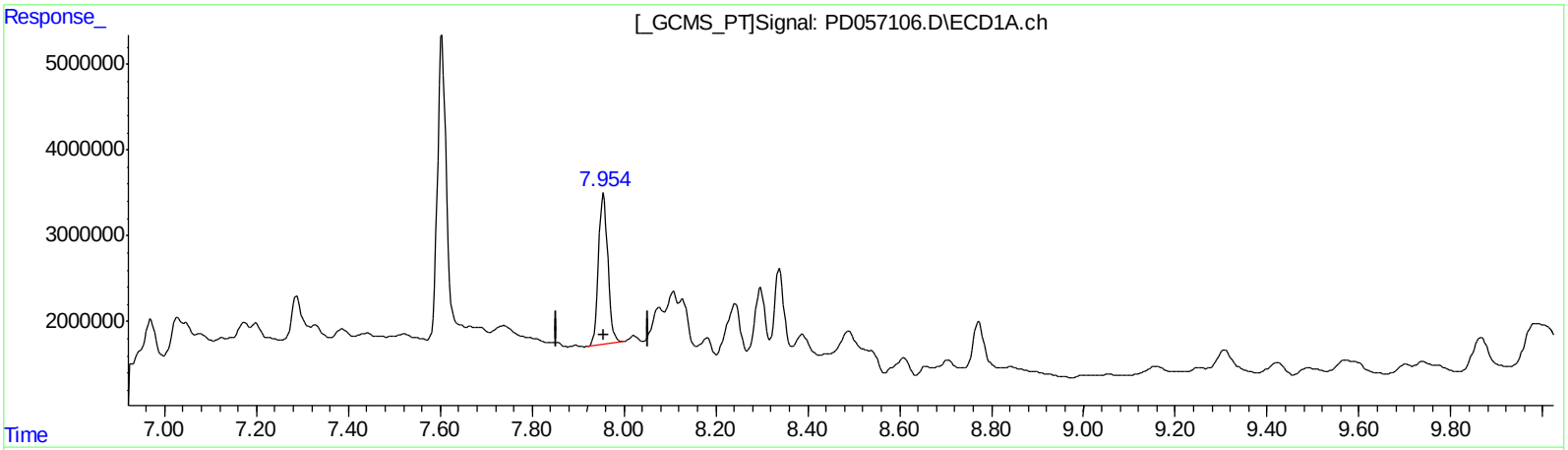
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 15:07
Operator : AJ\MA
Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

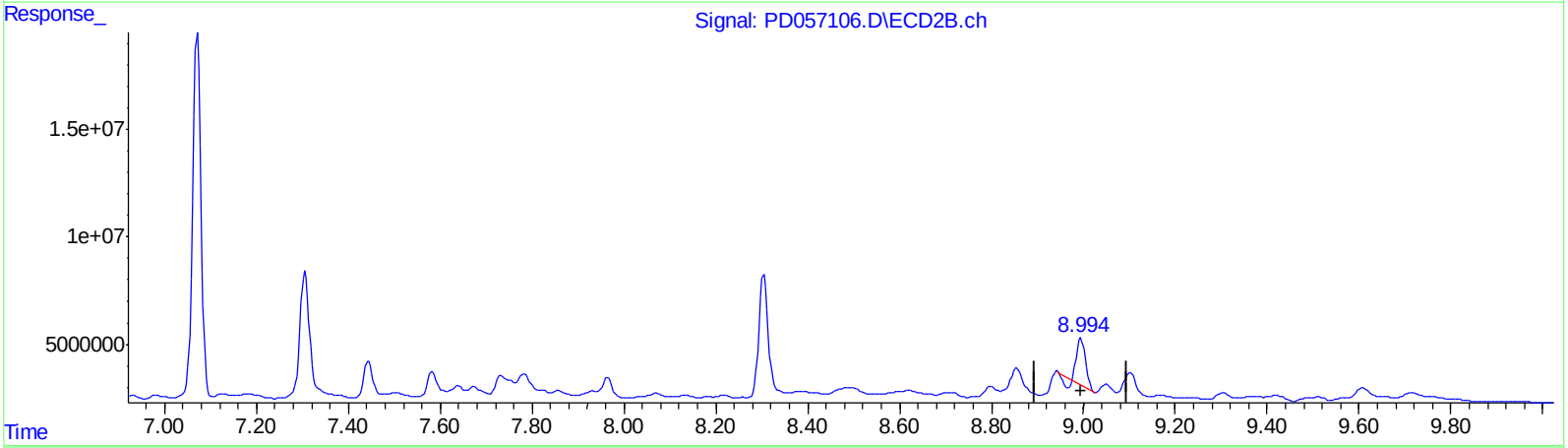
Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:08:15 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012320CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jan 24 08:33:42 2020
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

(27) Decachlorobiphenyl (SA)

7.955min 22.679 ng/ml

response 24689652

(27) Decachlorobiphenyl #2 (SA)

8.995min 14.467 ng/ml

response 27034627

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
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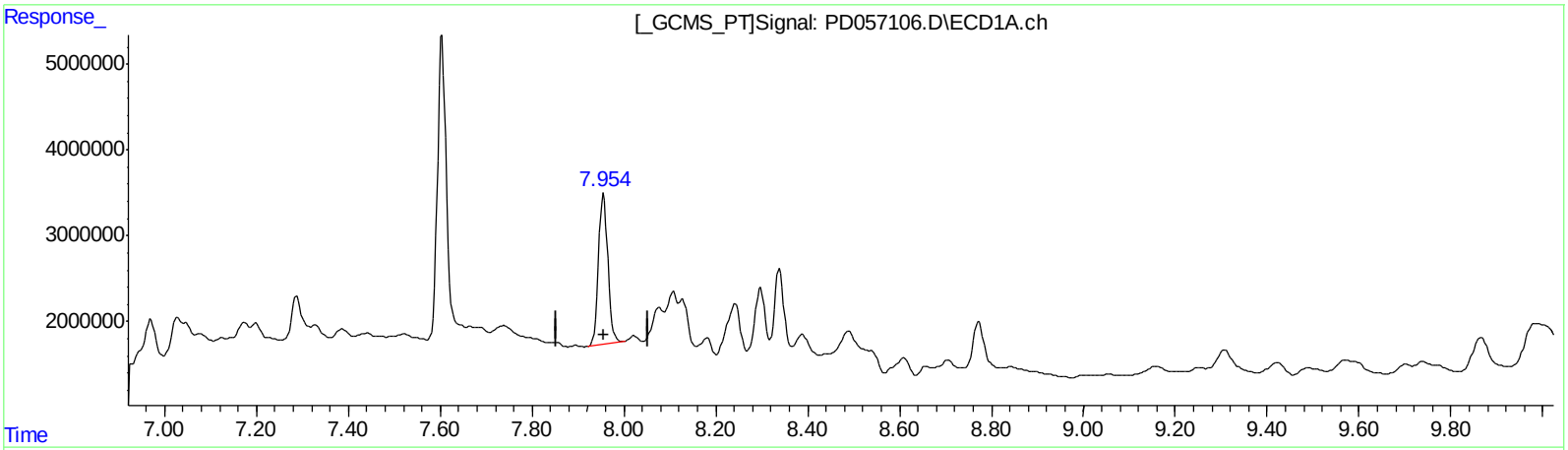

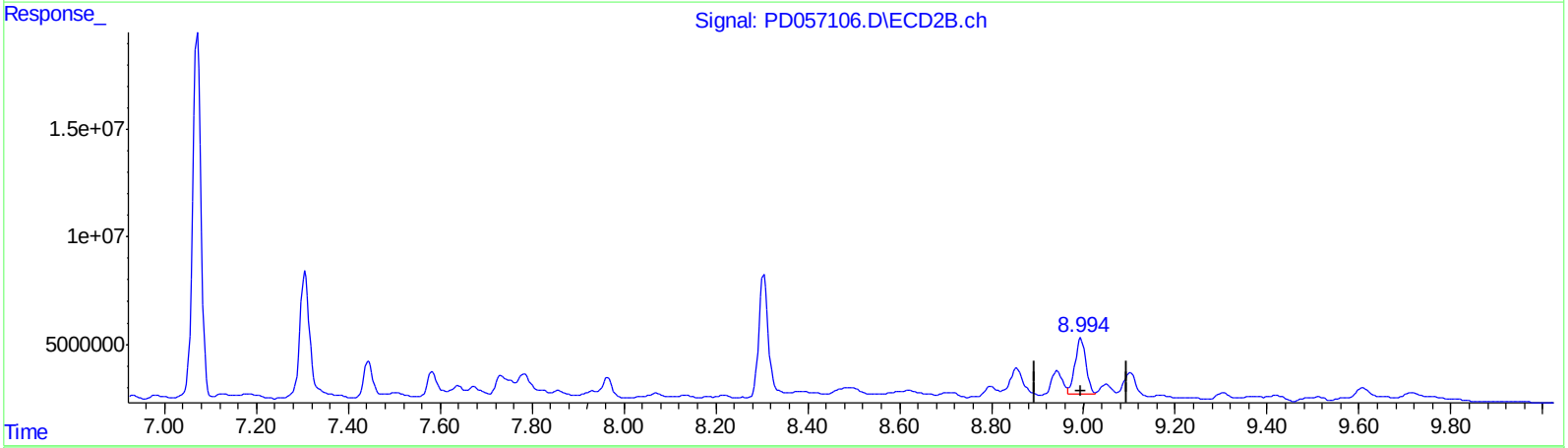

QEdit

(27) Decachlorobiphenyl (SA)

7.955min 22.679 ng/ml

response 24689652

(27) Decachlorobiphenyl #2 (SA)

8.994min 22.869 ng/ml m

response 42736214

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 15:07
Operator : AJ\MA
Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
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Quant Time: Feb 01 00:08:15 2020
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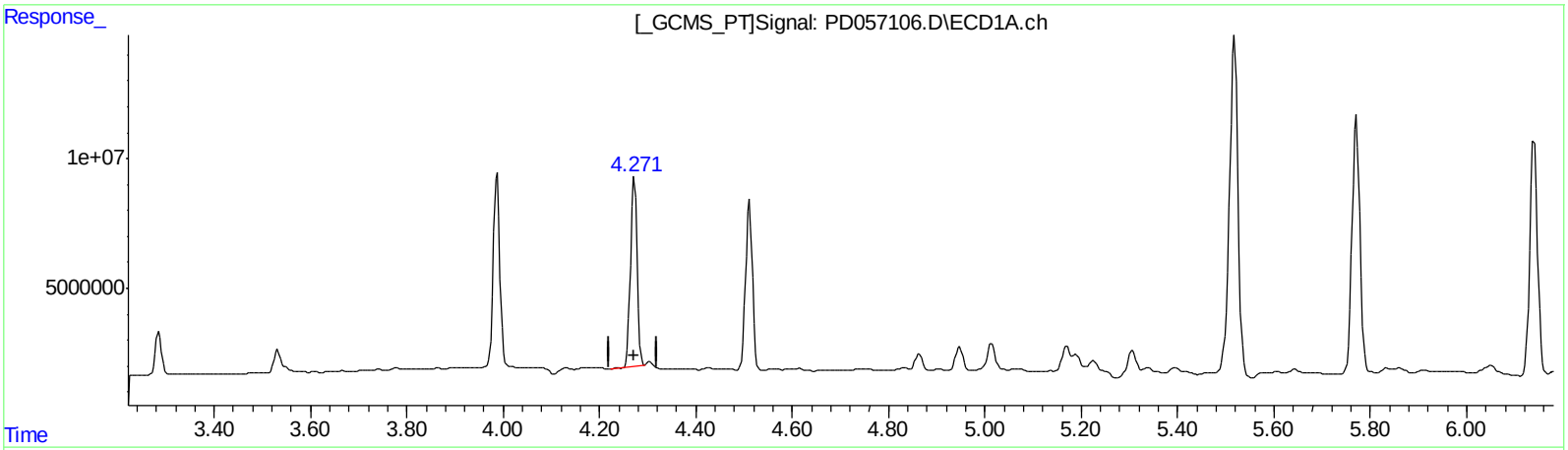
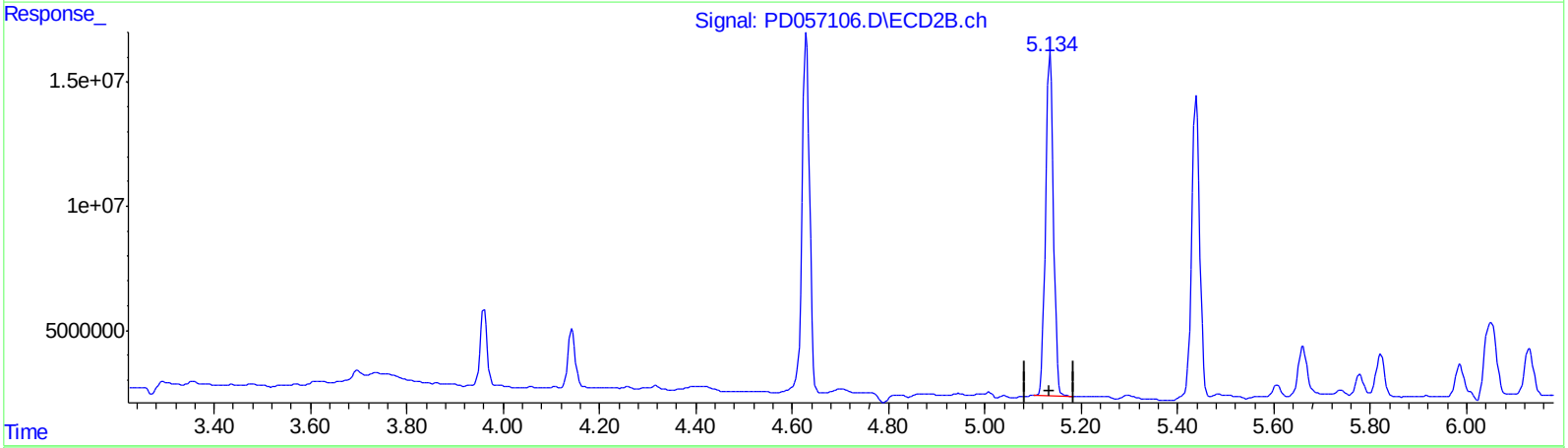
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(4) Heptachlor (MA)

4.272min 55.422 ng/ml

response 68130612

(4) Heptachlor #2 (MA)

5.135min 59.512 ng/ml

response 156449740

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 15:07
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Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
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Quant Time: Feb 01 00:08:15 2020
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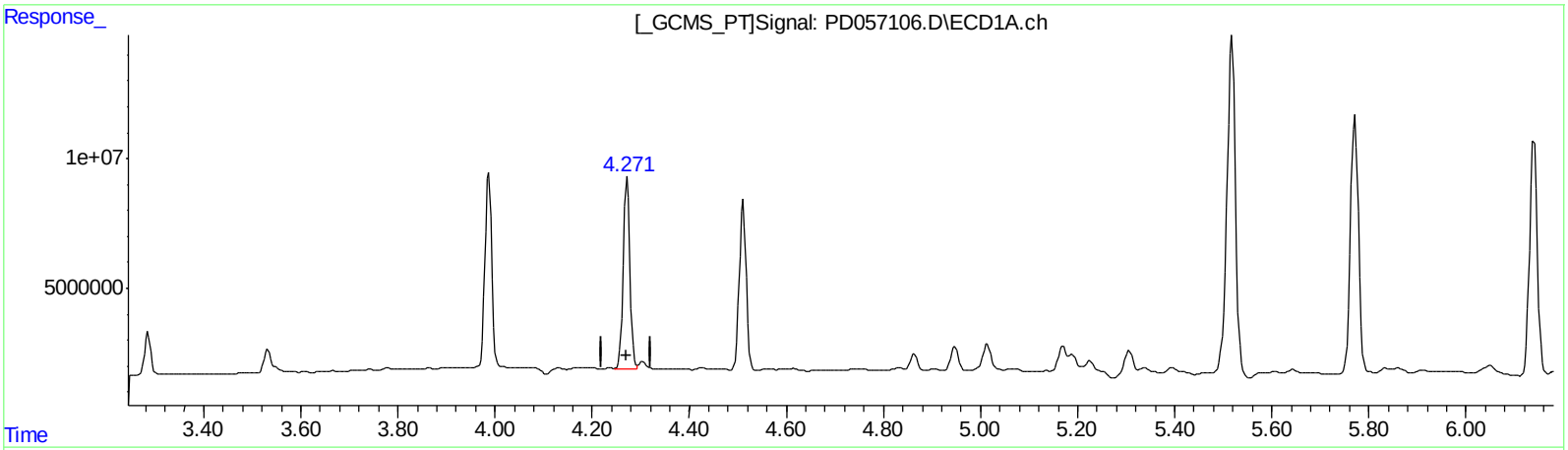

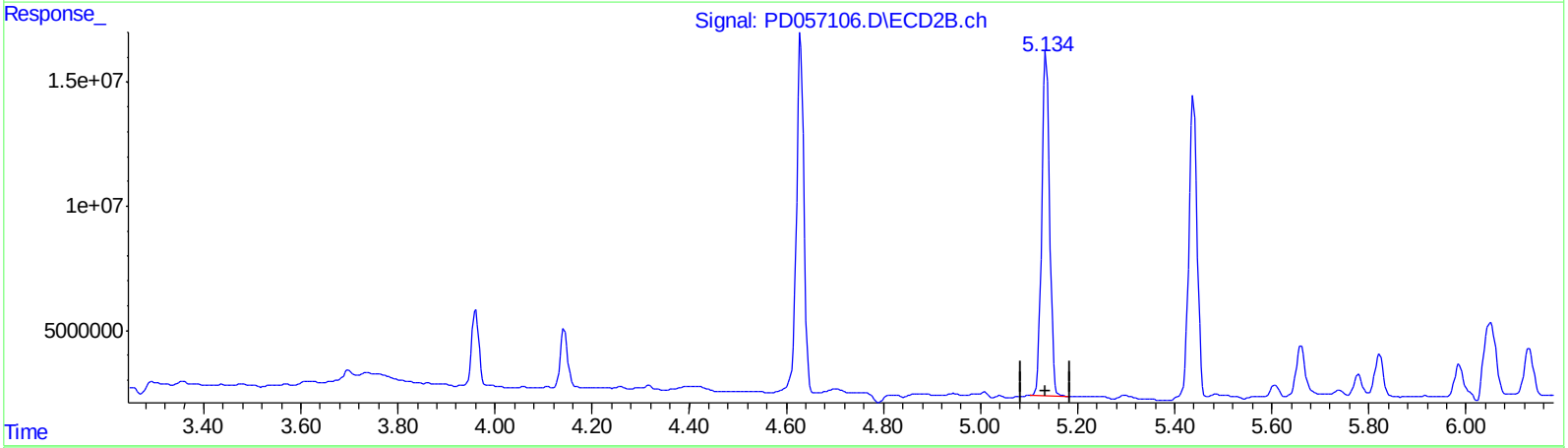

QEdit

(4) Heptachlor (MA)

4.271min 57.249 ng/ml m

response 70375814

(4) Heptachlor #2 (MA)

5.135min 59.512 ng/ml

response 156449740

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AJ\MA
Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
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2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
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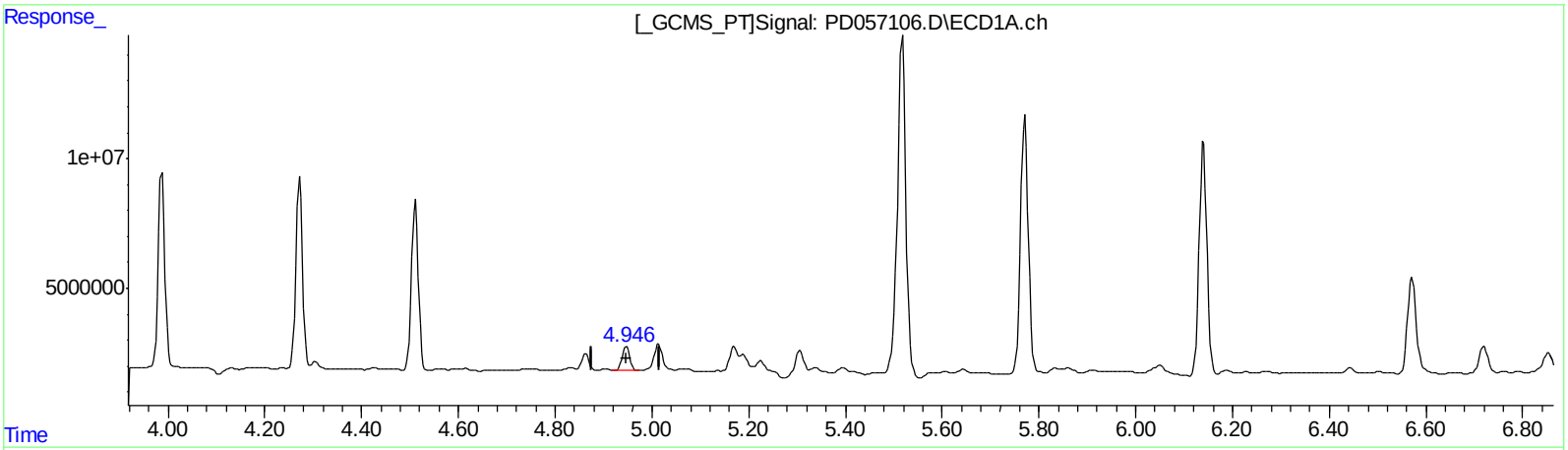

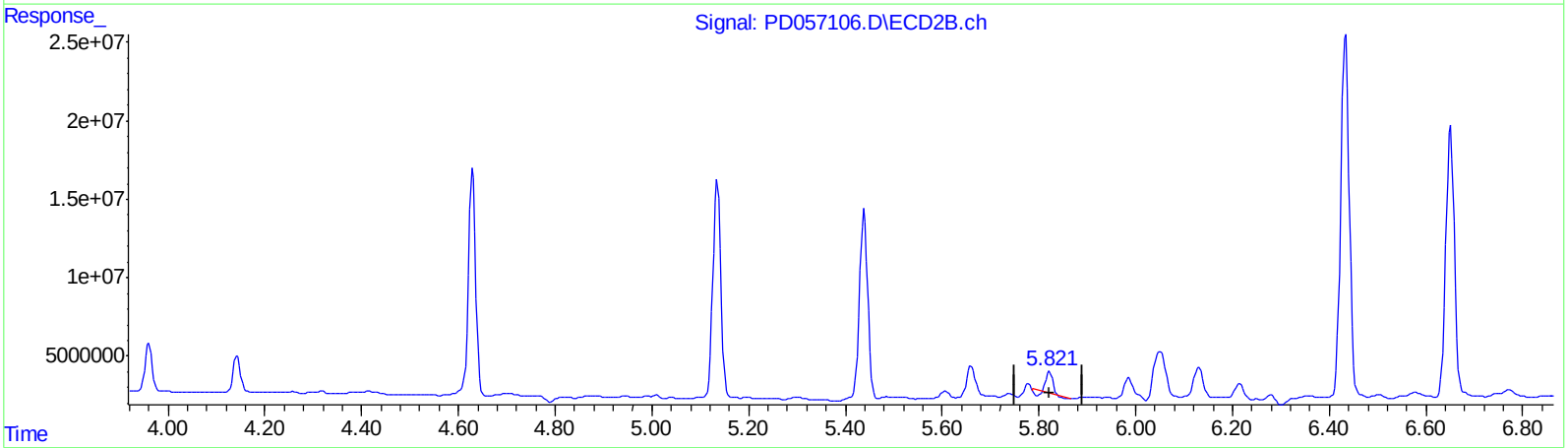

QEdit

(8) Heptachlor epoxide (B)

4.948min 8.810 ng/ml

response 9772878

(8) Heptachlor epoxide #2 (B)

5.822min 4.780 ng/ml

response 10308741

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
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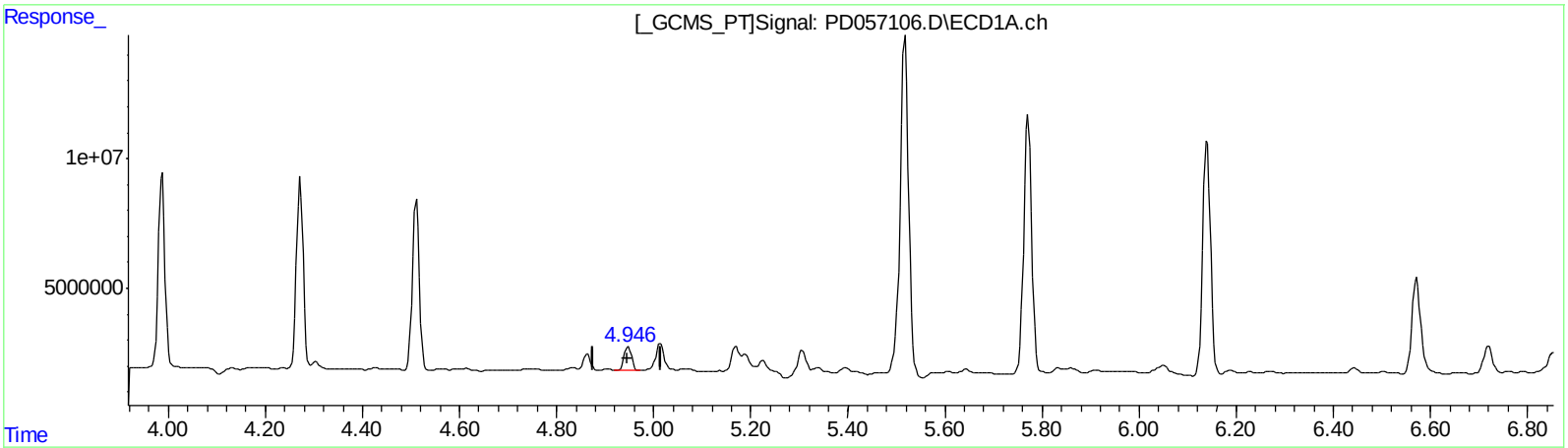

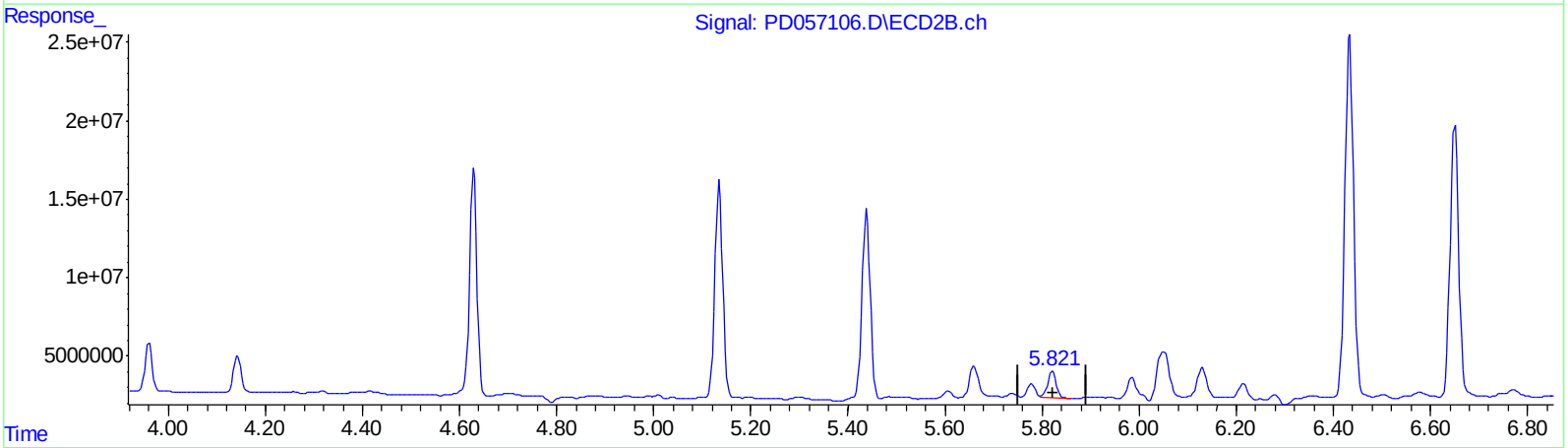

QEdit

(8) Heptachlor epoxide (B)

4.948min 8.810 ng/ml

response 9772878

(8) Heptachlor epoxide #2 (B)

5.821min 9.797 ng/ml m

response 21129857

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 15:07
Operator : AJ\MA
Sample : L1300-16MSD
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012320CLP.M
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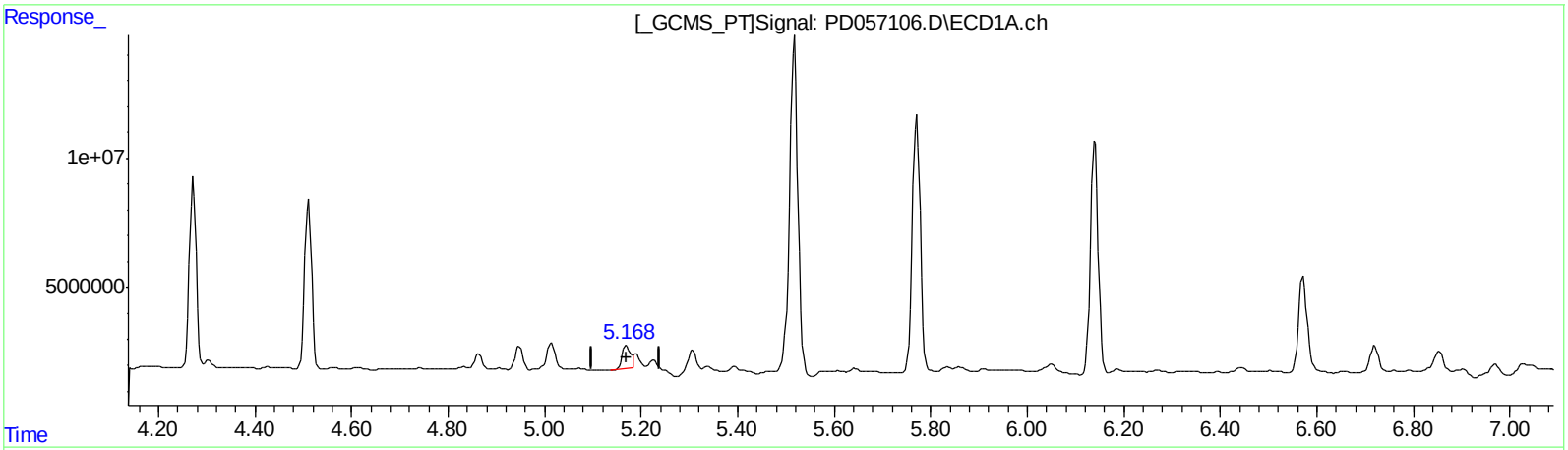

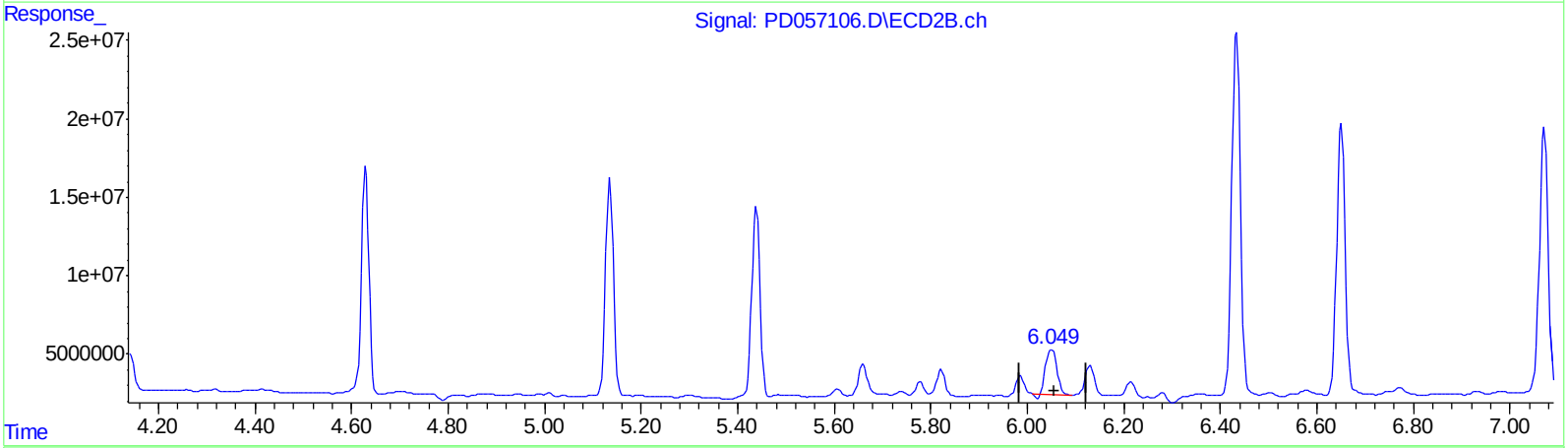

QEdit

(10) trans-Chlordane (B)

5.170min 8.677 ng/ml

response 9783983

(10) trans-Chlordane #2 (B)

6.051min 19.437 ng/ml

response 45668088

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:08:15 2020
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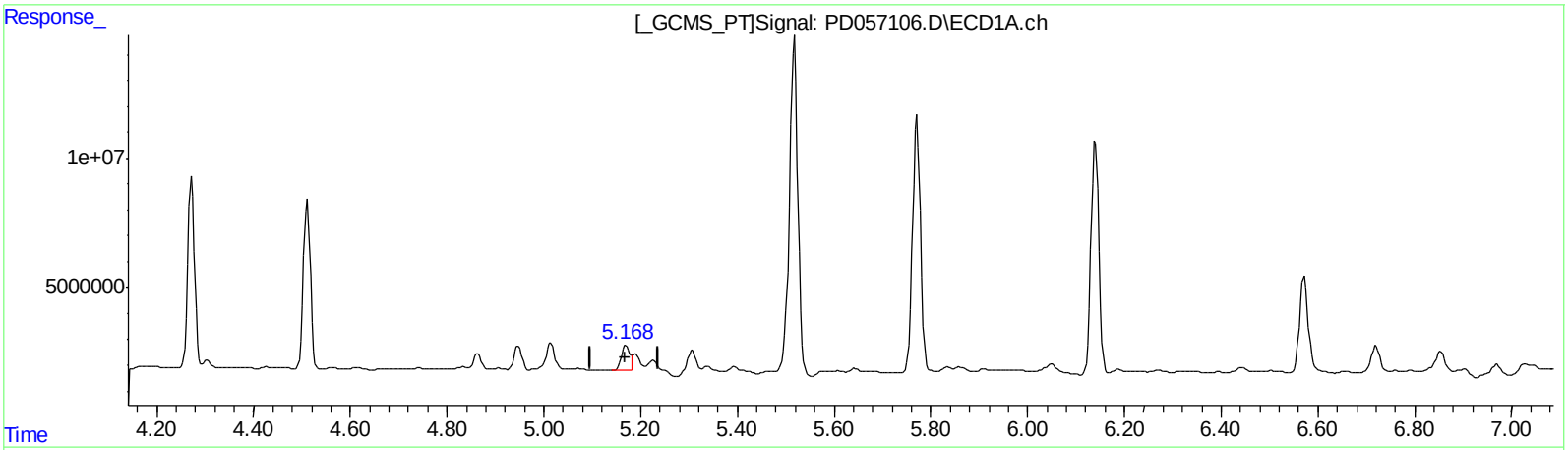

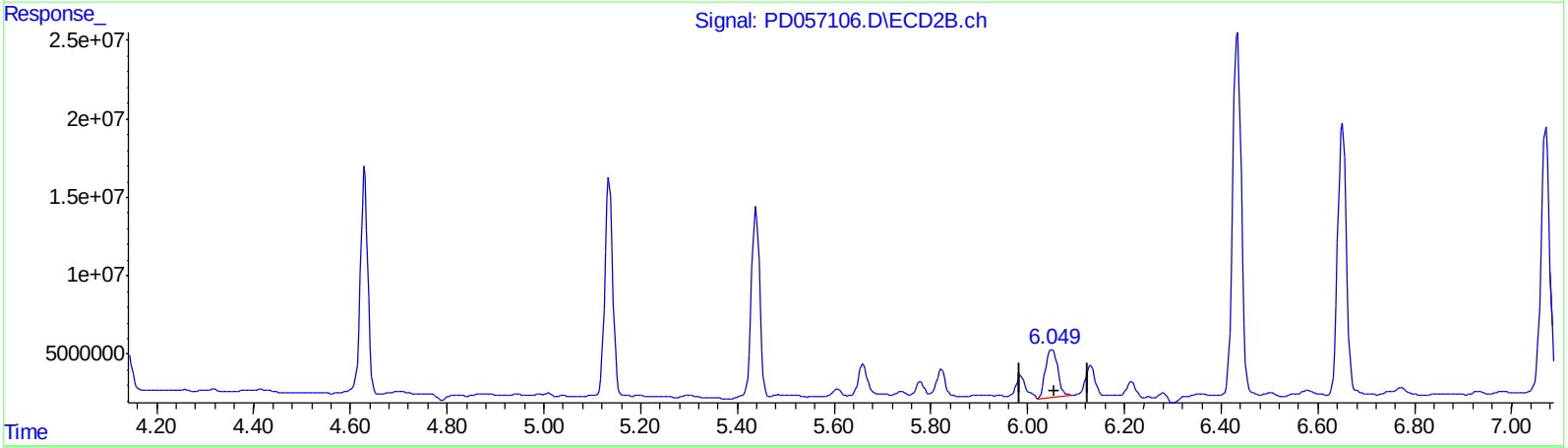

QEdit

(10) trans-Chlordane (B)

5.168min 10.731 ng/ml m

response 12099348

(10) trans-Chlordane #2 (B)

6.049min 22.424 ng/ml m

response 52687250

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Instrument :
ECD_D
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C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

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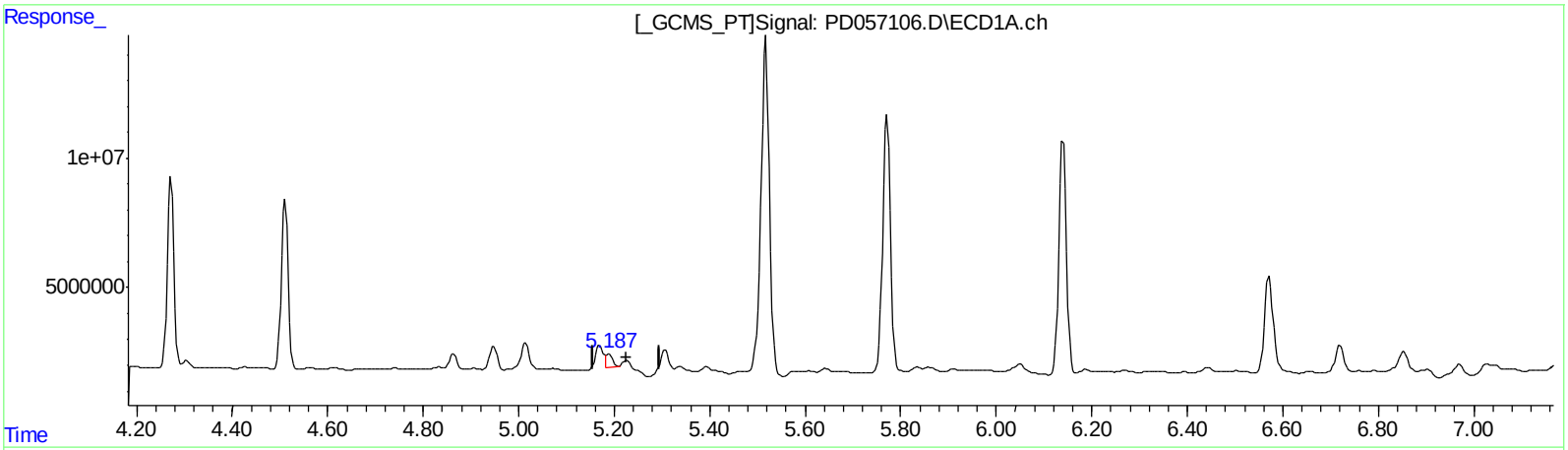

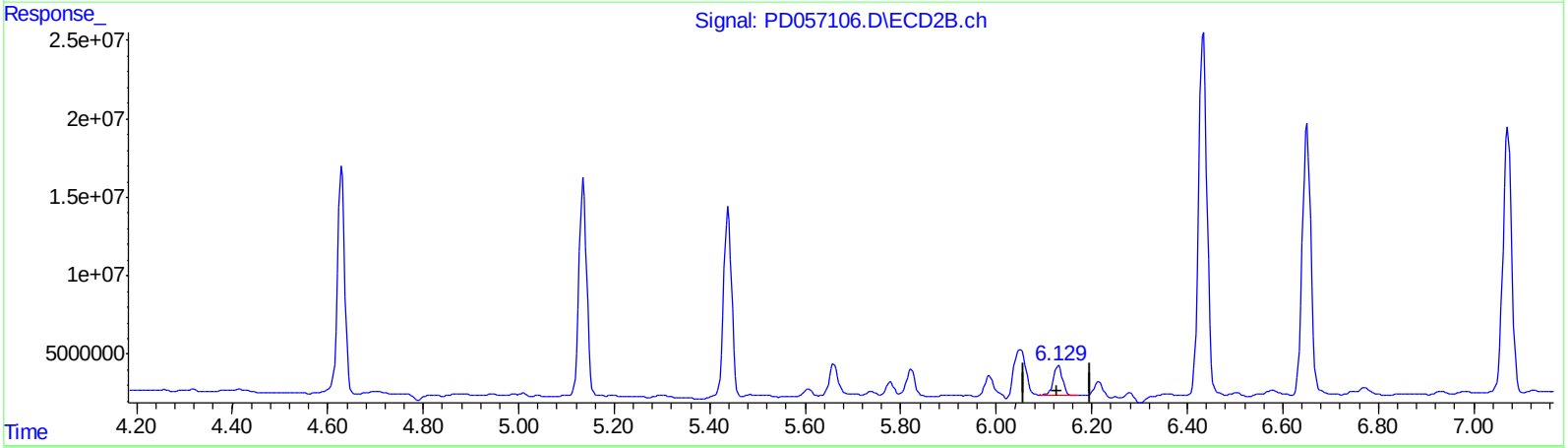

QEdit

(11) cis-Chlordane (B)

5.189min 4.249 ng/ml

response 4826532

(11) cis-Chlordane #2 (B)

6.130min 10.482 ng/ml

response 24703348

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
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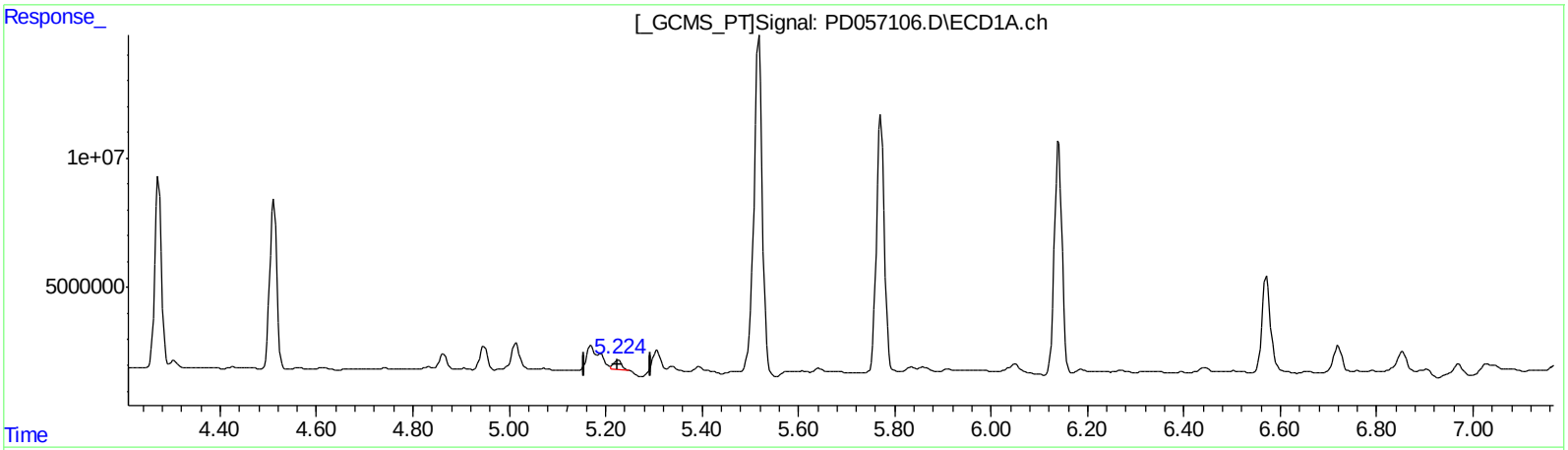

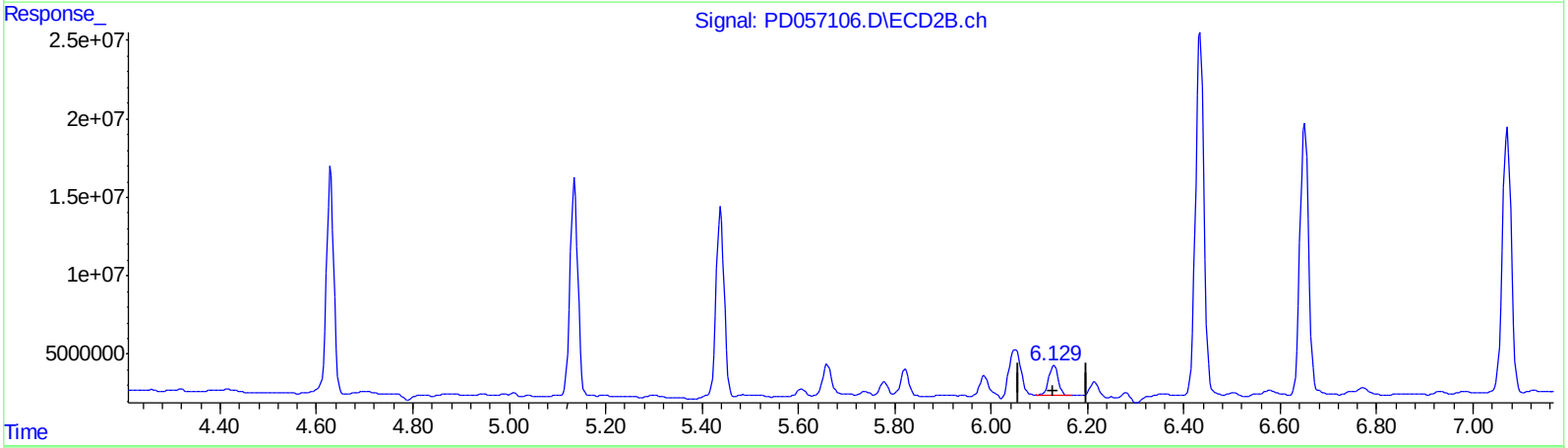

QEdit

(11) cis-Chlordane (B)

5.224min 3.912 ng/ml m

response 4444631

(11) cis-Chlordane #2 (B)

6.130min 10.482 ng/ml

response 24703348

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Instrument :
ECD_D
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Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
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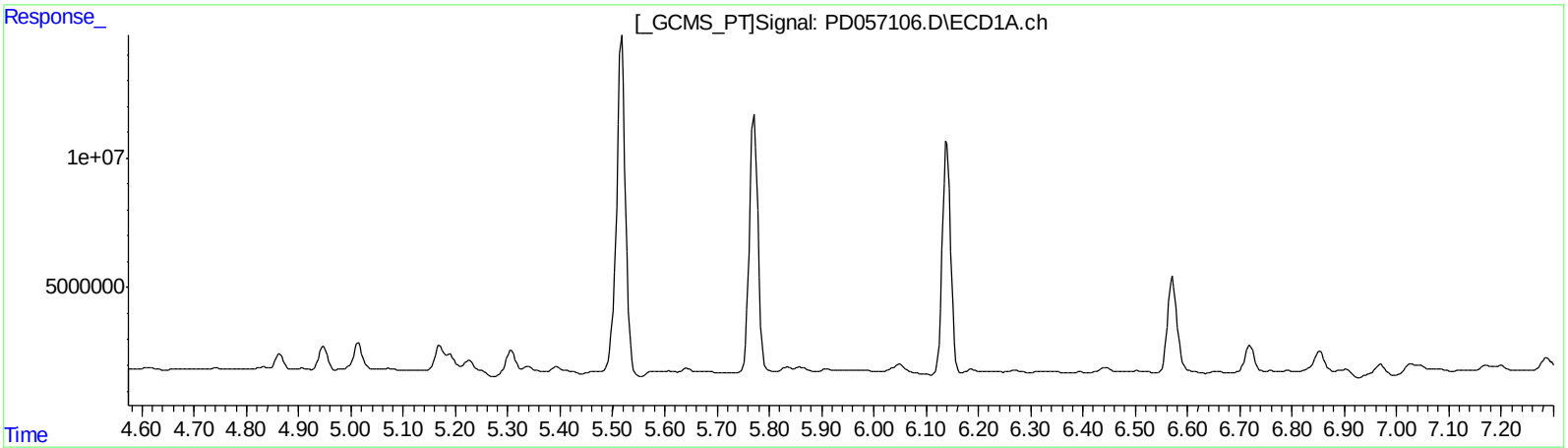

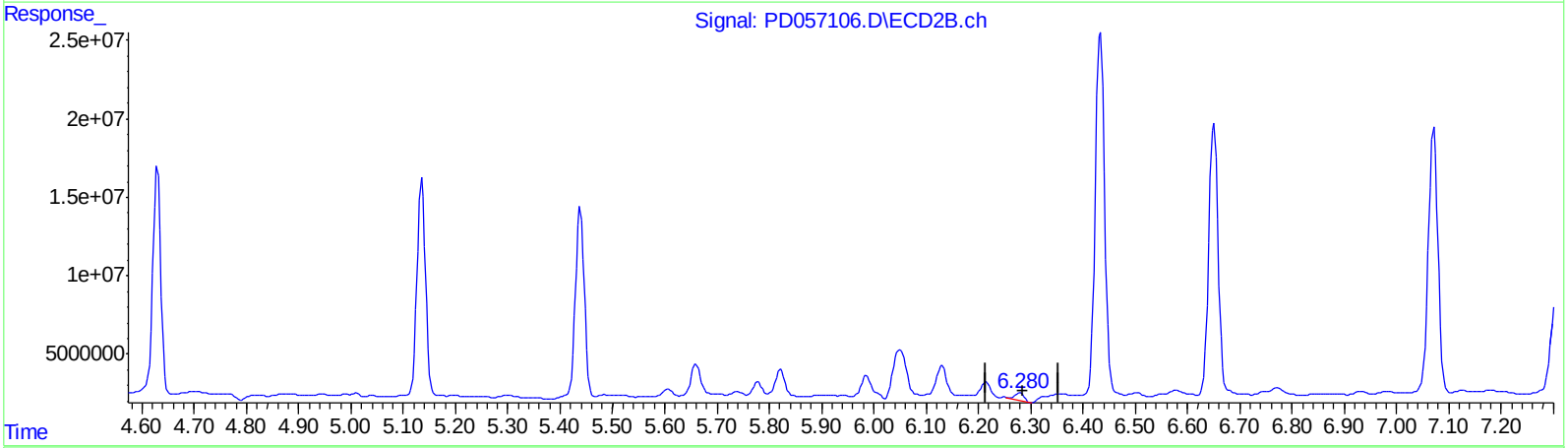

QEdit

(12) 4,4'-DDE (B)

0.000min 0.000 ng/ml

response 0

(12) 4,4'-DDE #2 (B)

6.280min 2.292 ng/ml

response 5064544

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

Manual Integrations APPROVED
mohammad
2/3/2020 2:23:11 PM

Integration File signal 1: autoint1.e
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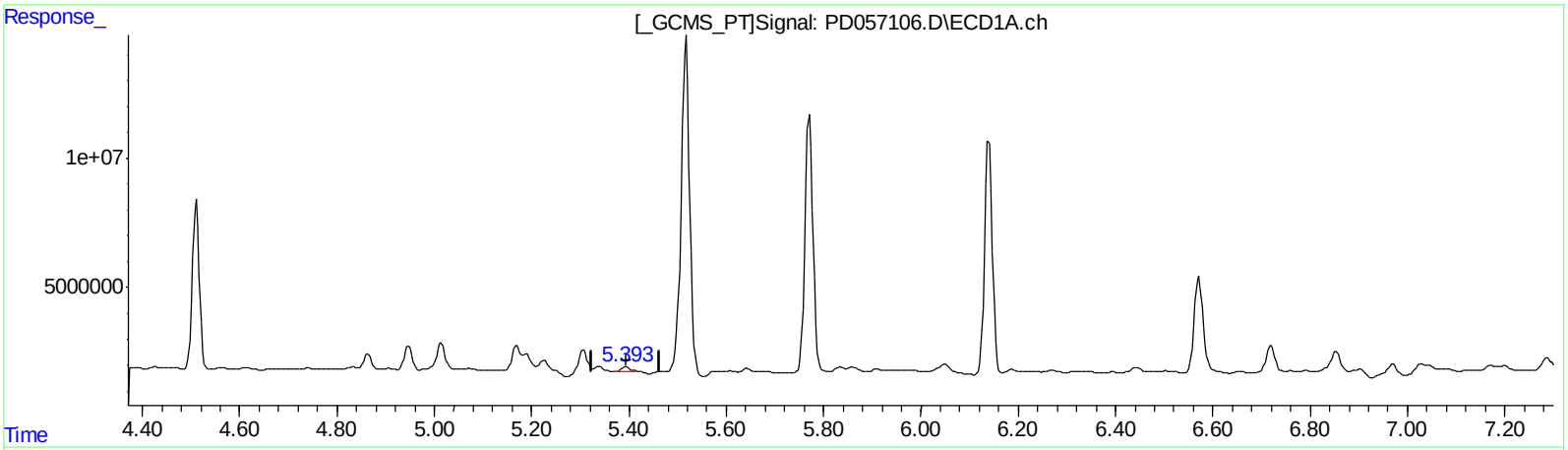

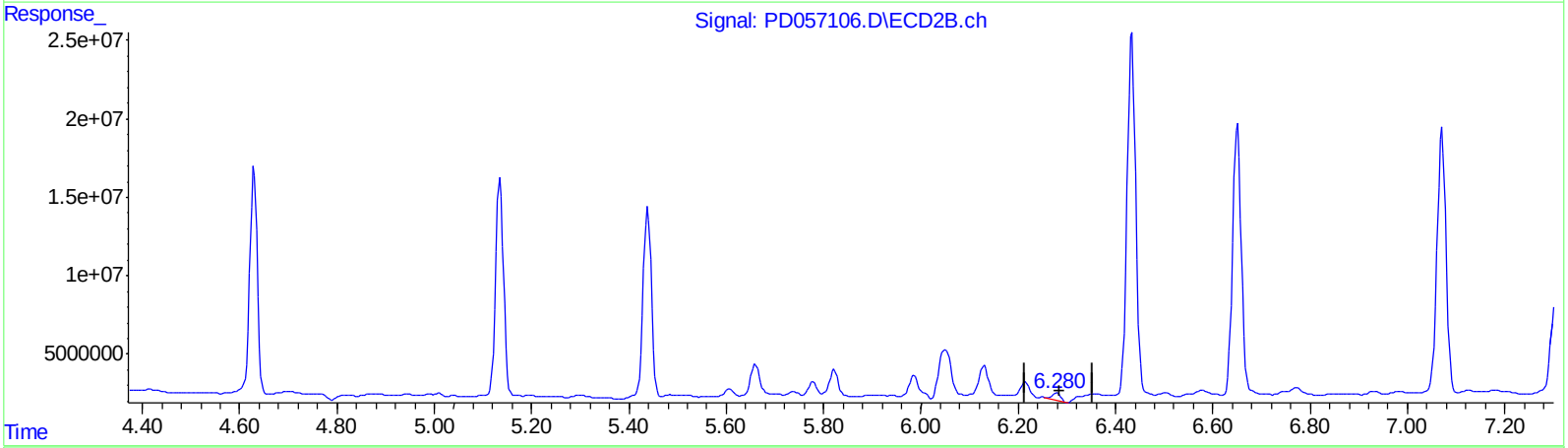

QEdit

(12) 4,4'-DDE (B)

5.393min 1.841 ng/ml m

response 2075768

(12) 4,4'-DDE #2 (B)

6.280min 2.292 ng/ml

response 5064544

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 15:07
Operator : AJ\MA
Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

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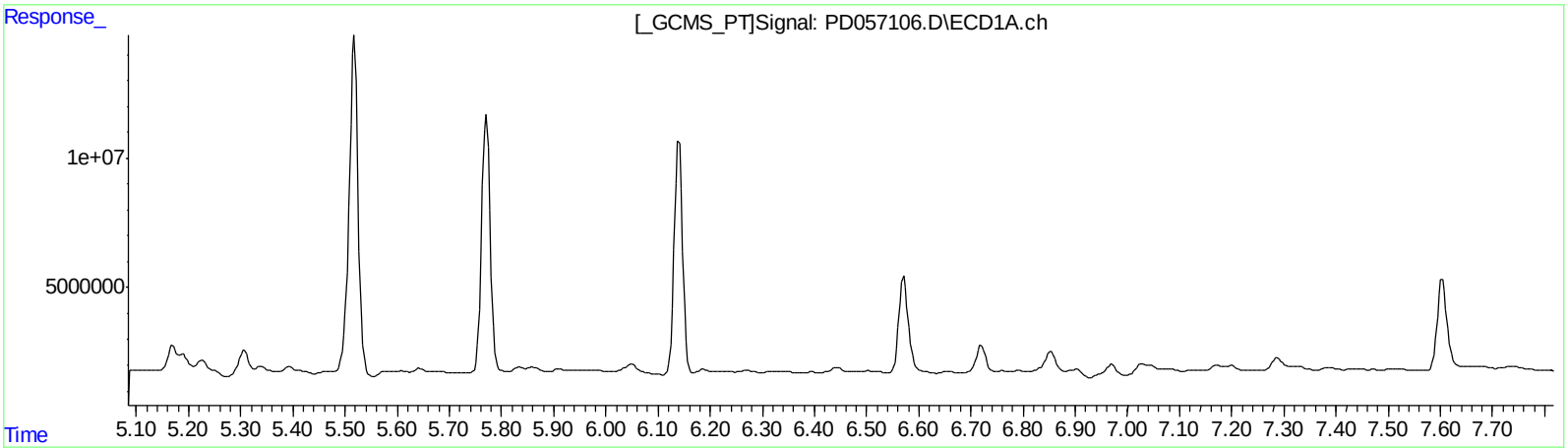
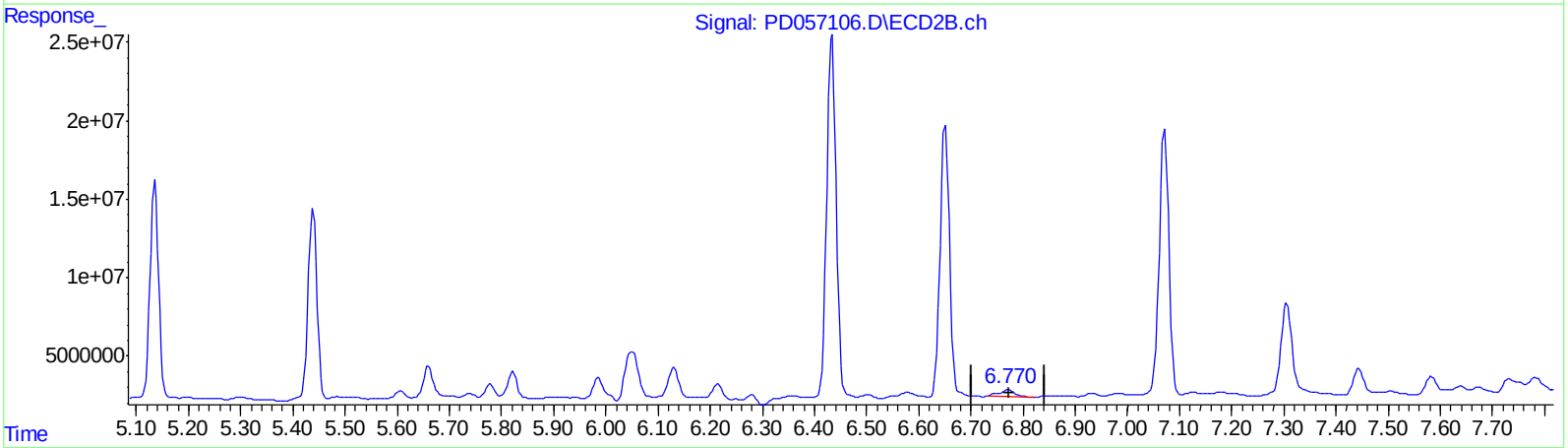
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:08:15 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012320CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jan 24 08:33:42 2020
Response via : Initial Calibration
Integrator: ChemStation

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)

0.000min 0.000 ng/ml

response 0

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

6.771min 4.991 ng/ml

response 9218445

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 15:07
Operator : AJ\MA
Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

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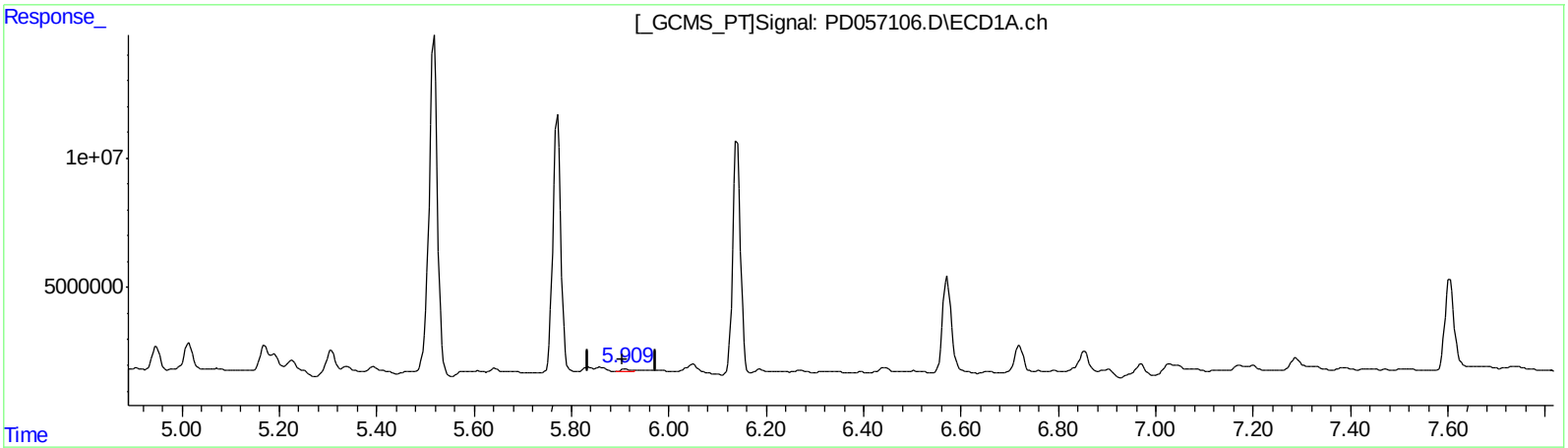
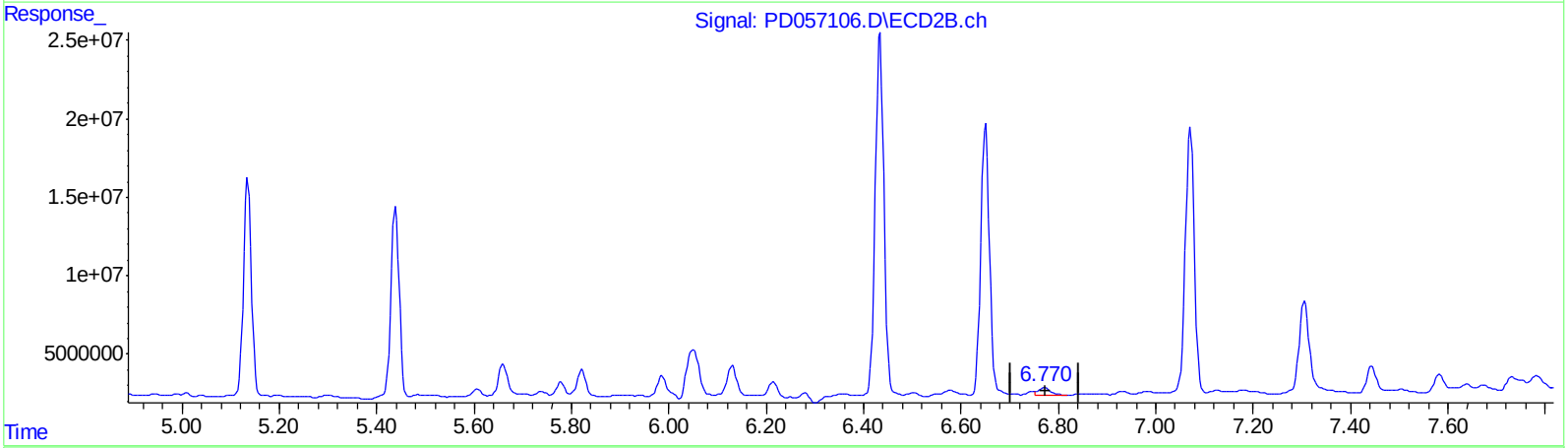
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:08:15 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012320CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jan 24 08:33:42 2020
Response via : Initial Calibration
Integrator: ChemStation

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)

5.909min 1.876 ng/ml m

response 1663289

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

6.770min 4.779 ng/ml m

response 8826098

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 15:07
Operator : AJ\MA
Sample : L1300-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:08:15 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012320CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jan 24 08:33:42 2020
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...	3.285	3.960	14434889	30820446	15.965	16.655
27)	SA Decachlor...	7.955	8.994	24689652	42736214	22.679	22.869m
	Target Compounds						
3)	MA gamma-BHC...	3.987	4.630	72203279	150.9E6	54.372	58.909
4)	MA Heptachlor	4.271	5.135	70375814	156.4E6	57.249m	59.512
5)	MB Aldrin	4.511	5.439	65764003	143.4E6	55.885	59.020
8)	B Heptachlo...	4.948	5.821	9772878	21129857	8.810	9.797m
10)	B trans-Chl...	5.168	6.049	12099348	52687250	10.731m	22.424m#
11)	B cis-Chlor...	5.224	6.130	4444631	24703348	3.912m	10.482 #
12)	B 4,4'-DDE	5.393	6.280	2075768	5064544	1.841m	2.292
13)	MA Dieldrin	5.518	6.434	158.6E6	286.8E6	133.841	120.263
14)	MA Endrin	5.771	6.651	114.1E6	217.4E6	113.858	111.824
16)	A 4,4'-DDD	5.909	6.770	1663289	8826098	1.876m	4.779m#
17)	MA 4,4'-DDT	6.140	7.071	100.6E6	217.0E6	117.134	111.633

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

Instrument :
ECD_D
ClientSampleId :
C5AR6MSD

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SJ
02/05/20