Quantitation Report (Qedit)

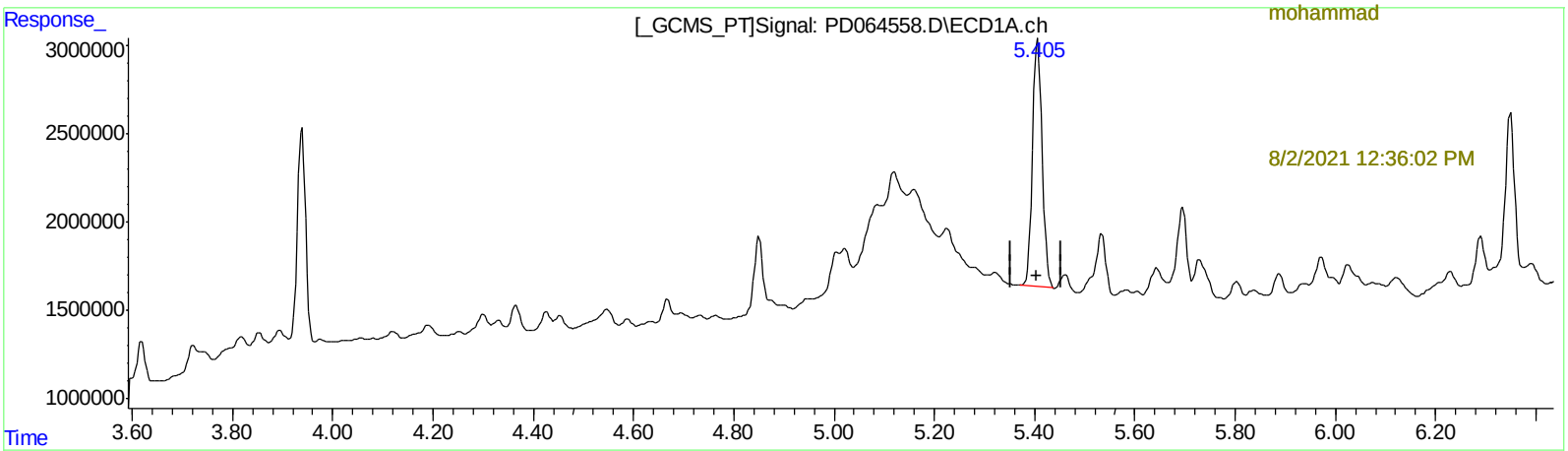
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:33
Operator : AR\AJ
Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

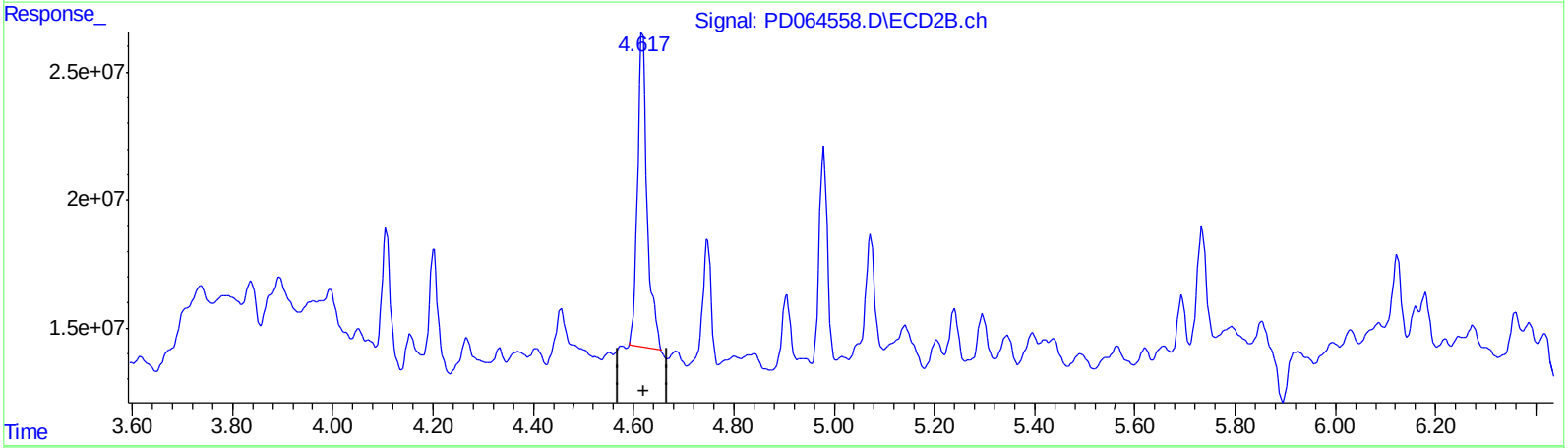
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 03:36:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM





QEdit

(1) Tetrachloro-m-xylene (SA)

5.406min 15.609 ng/ml

response 18619583

(1) Tetrachloro-m-xylene #2 (SA)

4.618min 17.771 ng/ml

response 162382918

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:33
Operator : AR\AJ
Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
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Quant Time: Jul 31 03:36:09 2021
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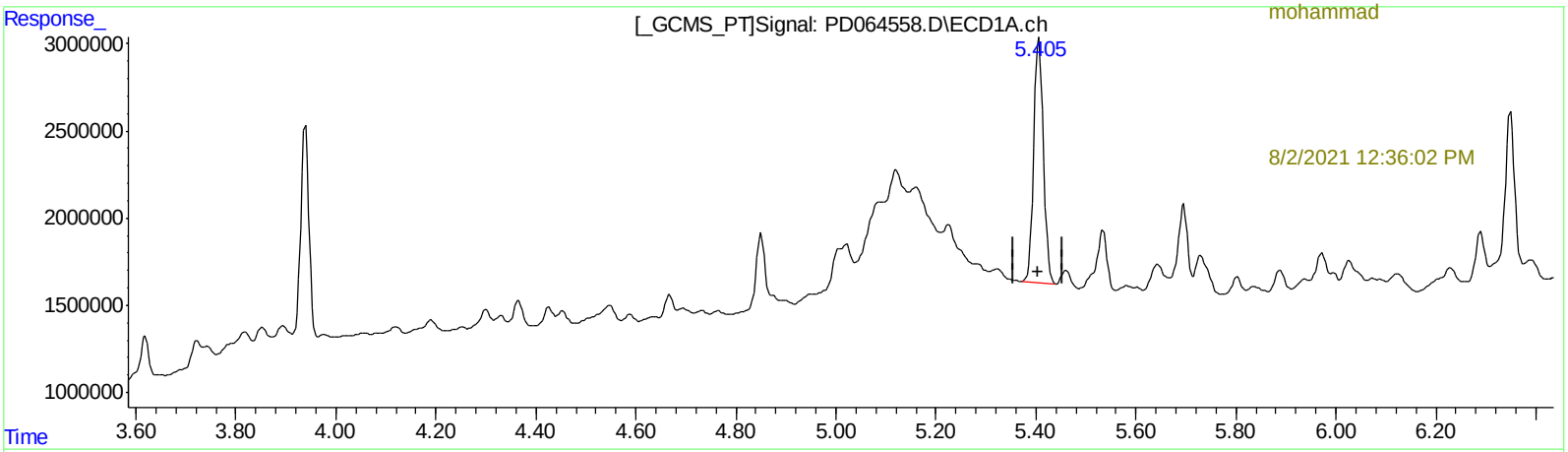

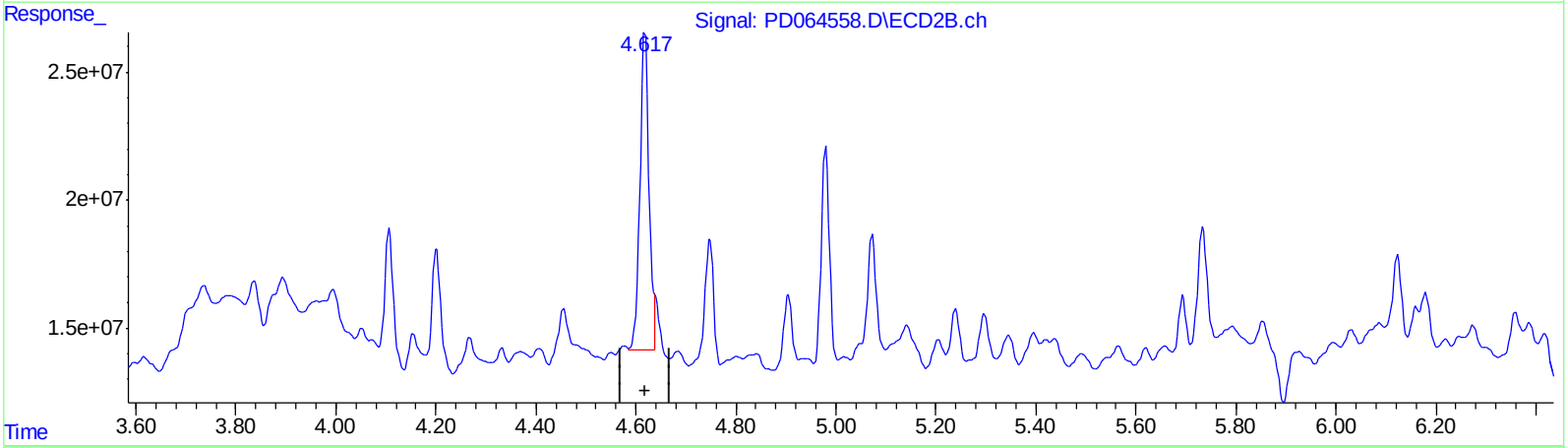

QEdit

(1) Tetrachloro-m-xylene (SA)

5.406min 15.609 ng/ml

response 18619583

(1) Tetrachloro-m-xylene #2 (SA)

4.617min 16.838 ng/ml m

response 153858578

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M3091-17
Misc :
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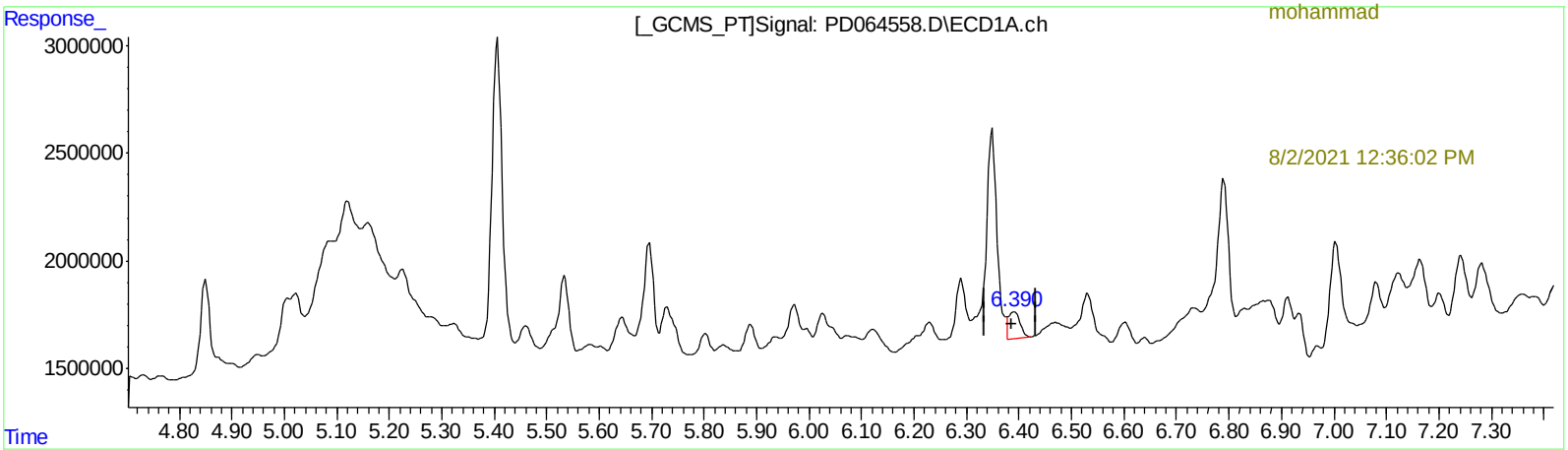
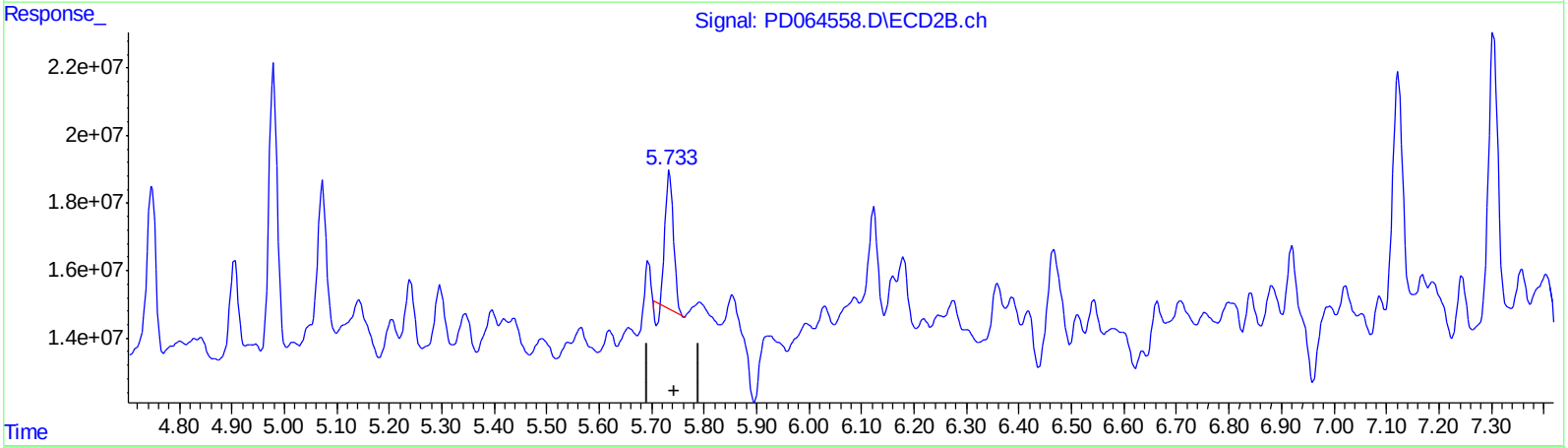
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM





QEdit

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

6.391min 1.272 ng/ml

response 1994184

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

5.734min 3.691 ng/ml

response 42088160

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
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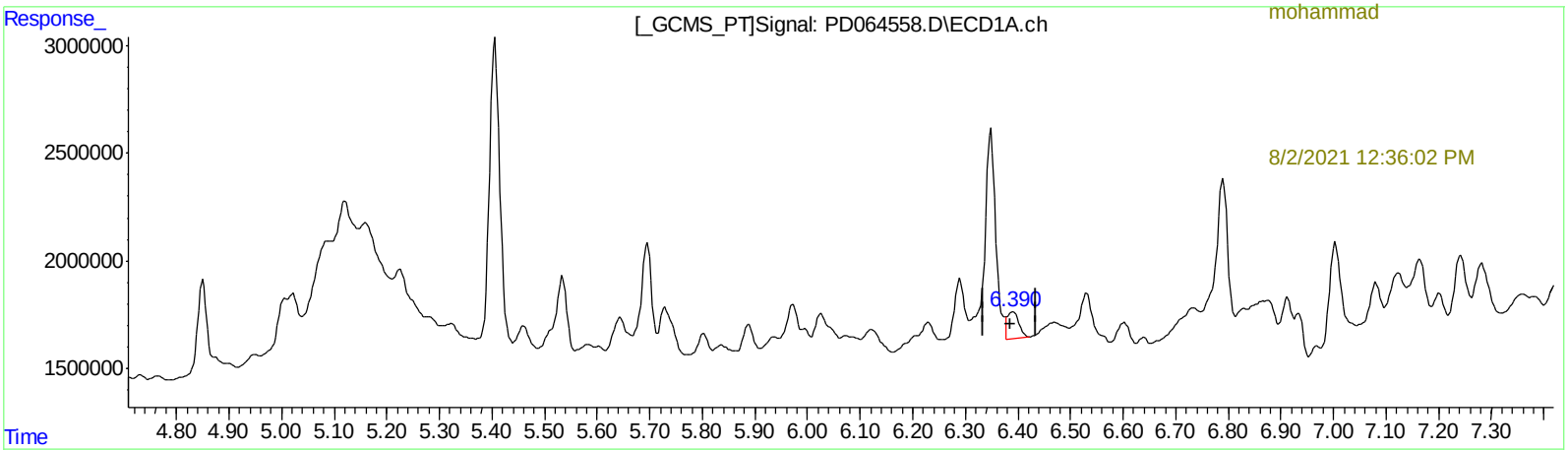
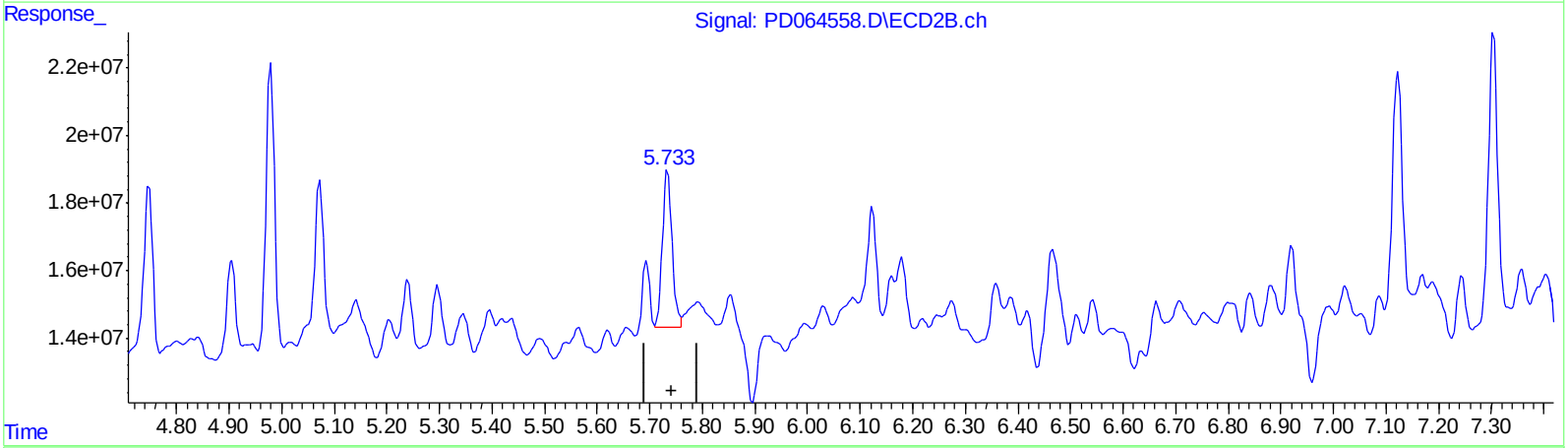
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM





QEdit

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

6.391min 1.272 ng/ml

response 1994184

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

5.733min 5.224 ng/ml m

response 59566894

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:33
Operator : AR\AJ
Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
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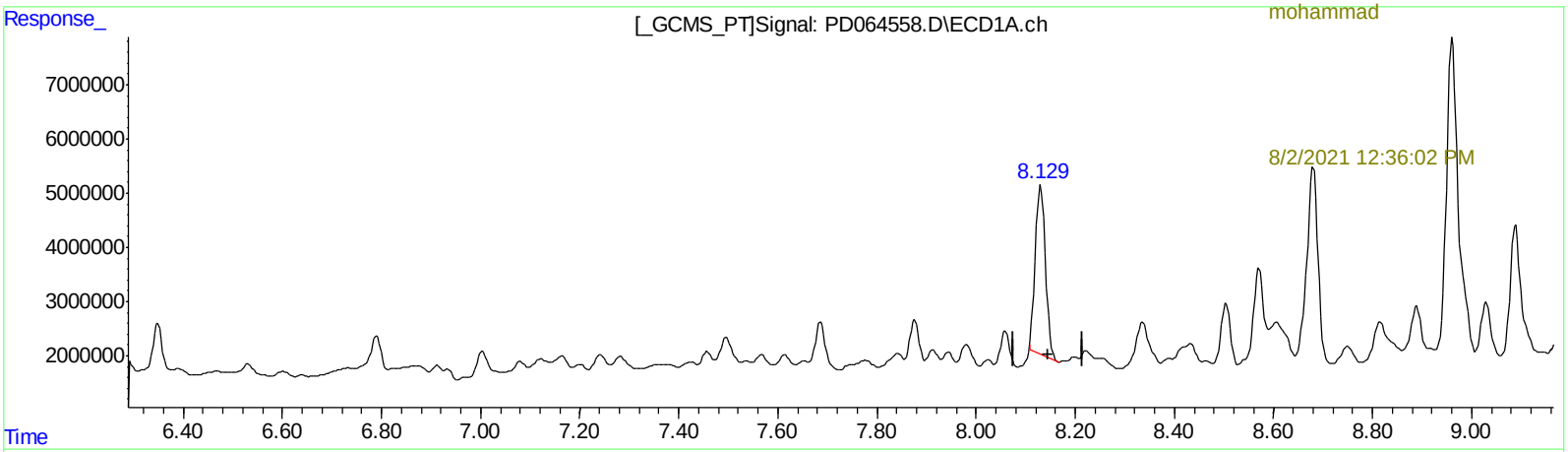
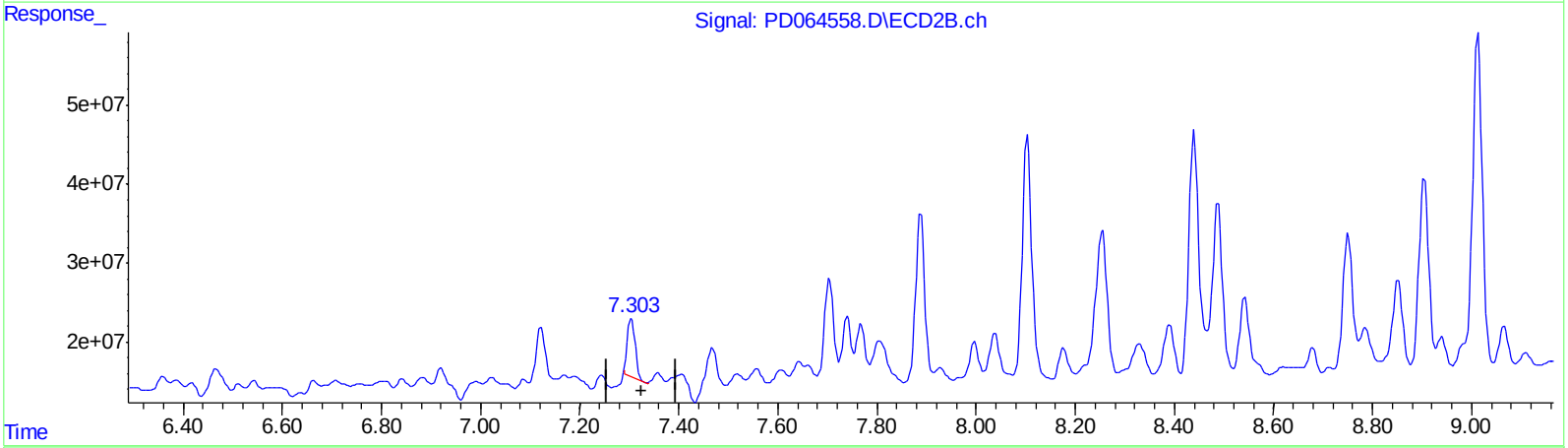
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) trans-Chlordane (B)

8.130min 27.434 ng/ml

response 43962047

(10) trans-Chlordane #2 (B)

7.304min 9.219 ng/ml

response 83618145

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:33
Operator : AR\AJ
Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
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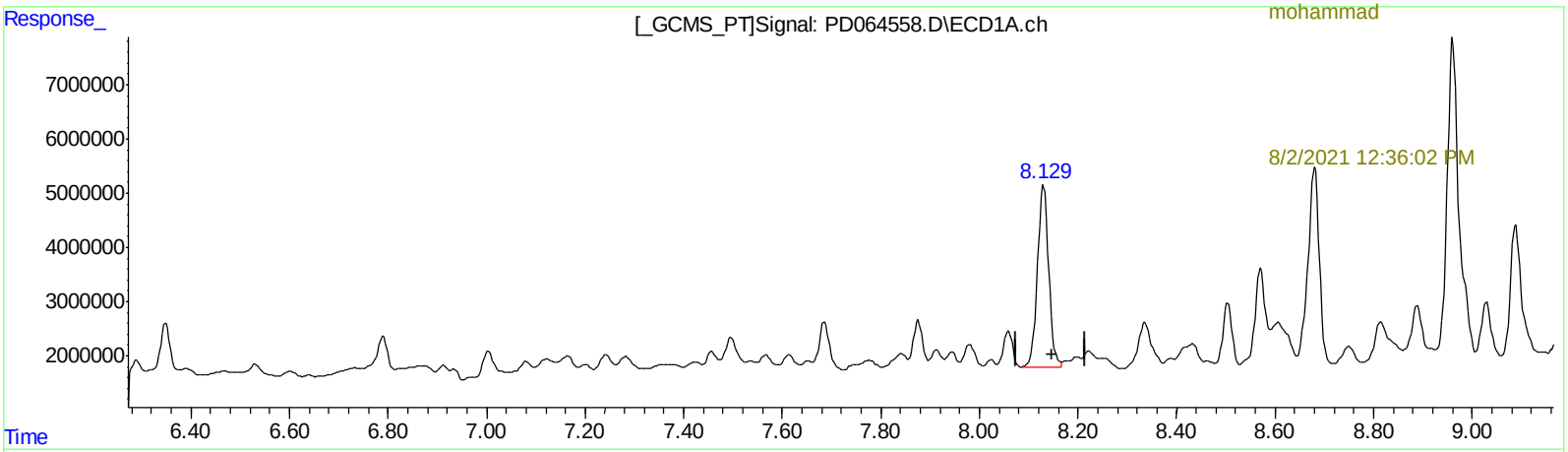
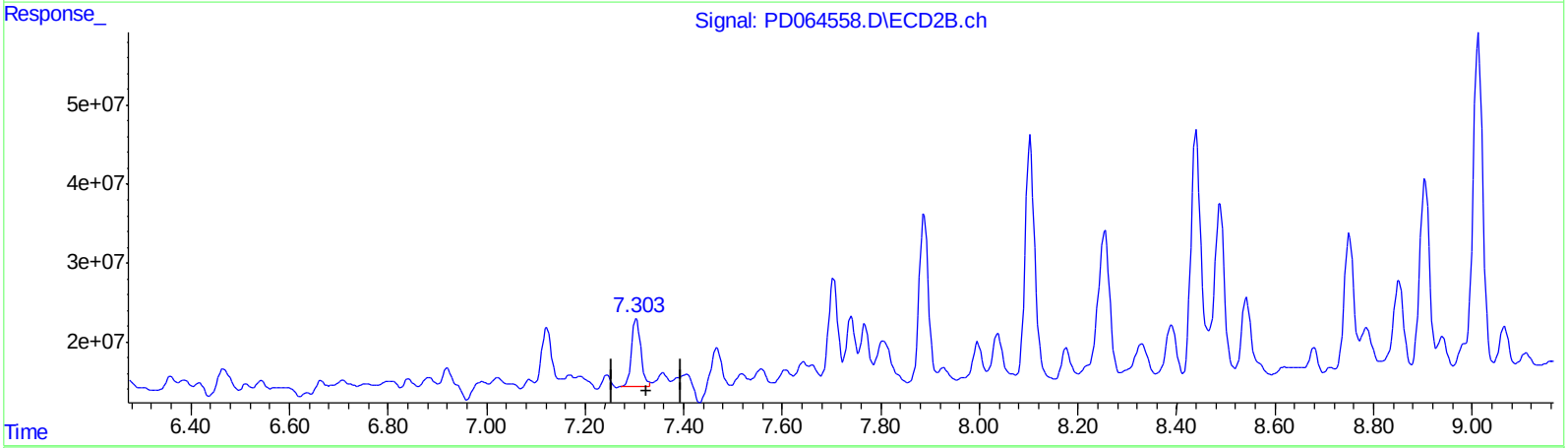
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) trans-Chlordane (B)

8.129min 32.748 ng/ml m

response 52477662

(10) trans-Chlordane #2 (B)

7.303min 12.352 ng/ml m

response 112035966

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:33
Operator : AR\AJ
Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 03:36:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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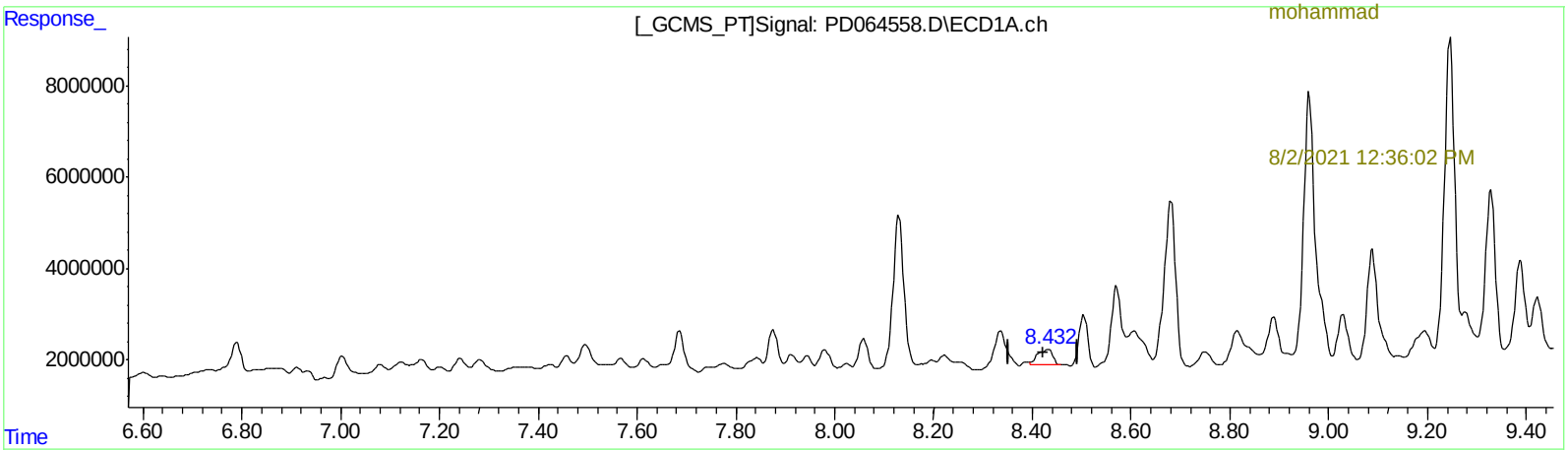
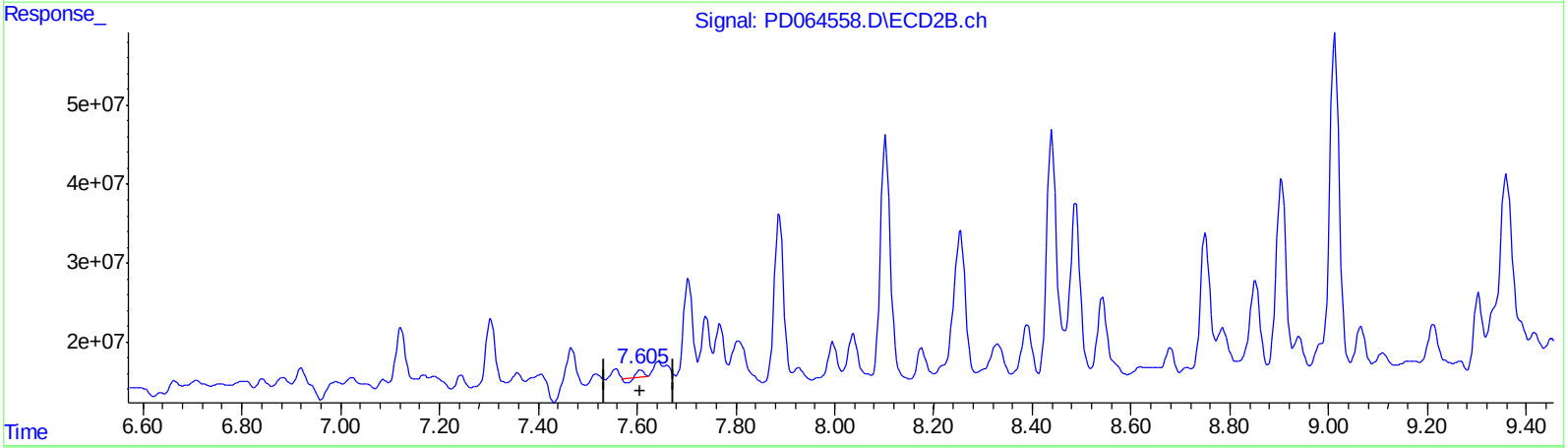
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

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

8.433min 4.961 ng/ml

response 7149685

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

7.607min 0.270 ng/ml

response 2036096

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:33
Operator : AR\AJ
Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 03:36:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
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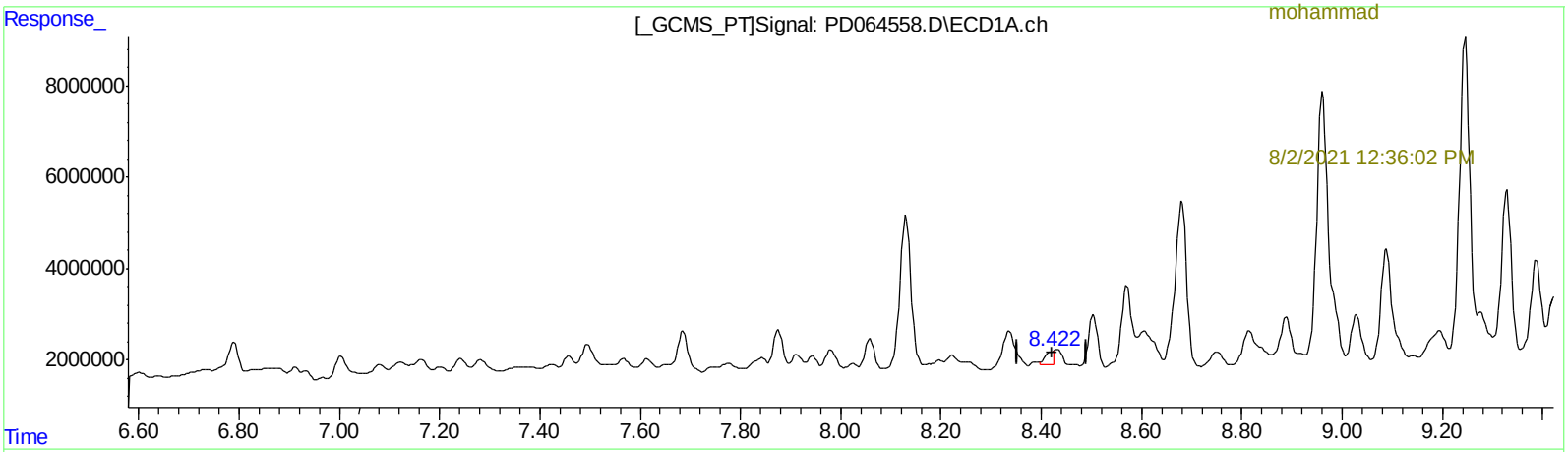
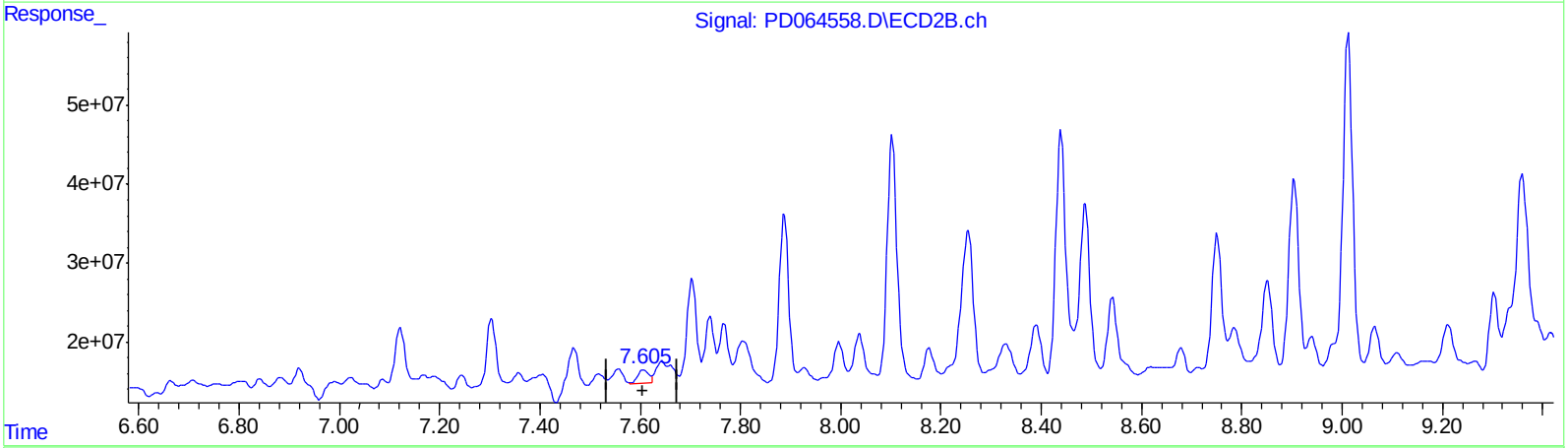
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

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

8.422min 2.280 ng/ml m

response 3286490

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

7.605min 3.551 ng/ml m

response 26790238

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
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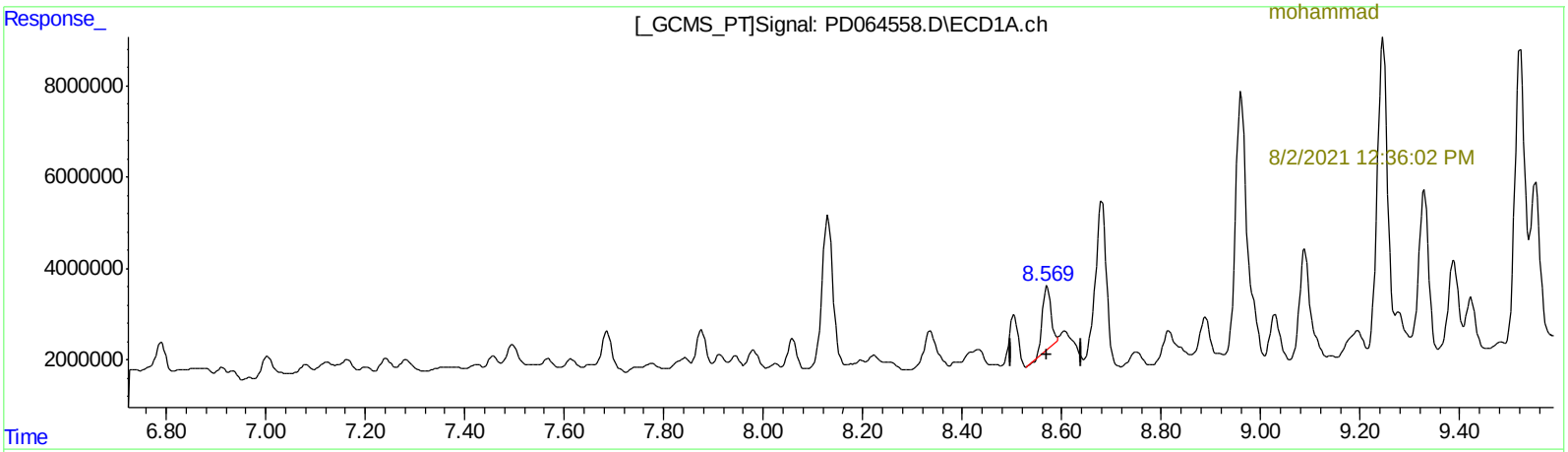
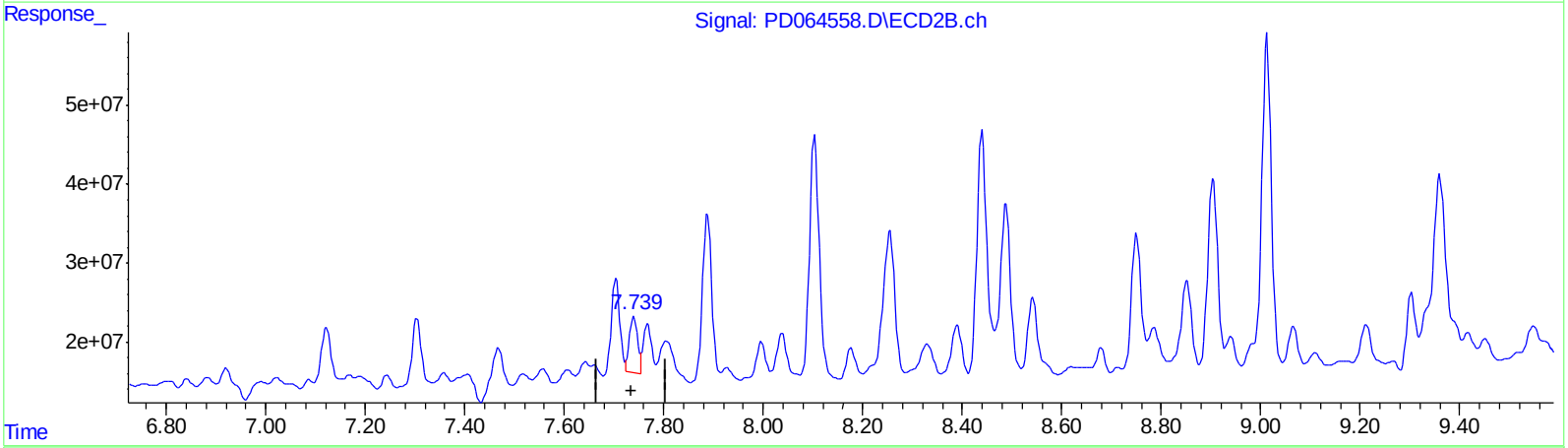
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)

8.571min 10.724 ng/ml

response 15992834

(13) Dieldrin #2 (MA)

7.740min 10.275 ng/ml

response 82529797

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
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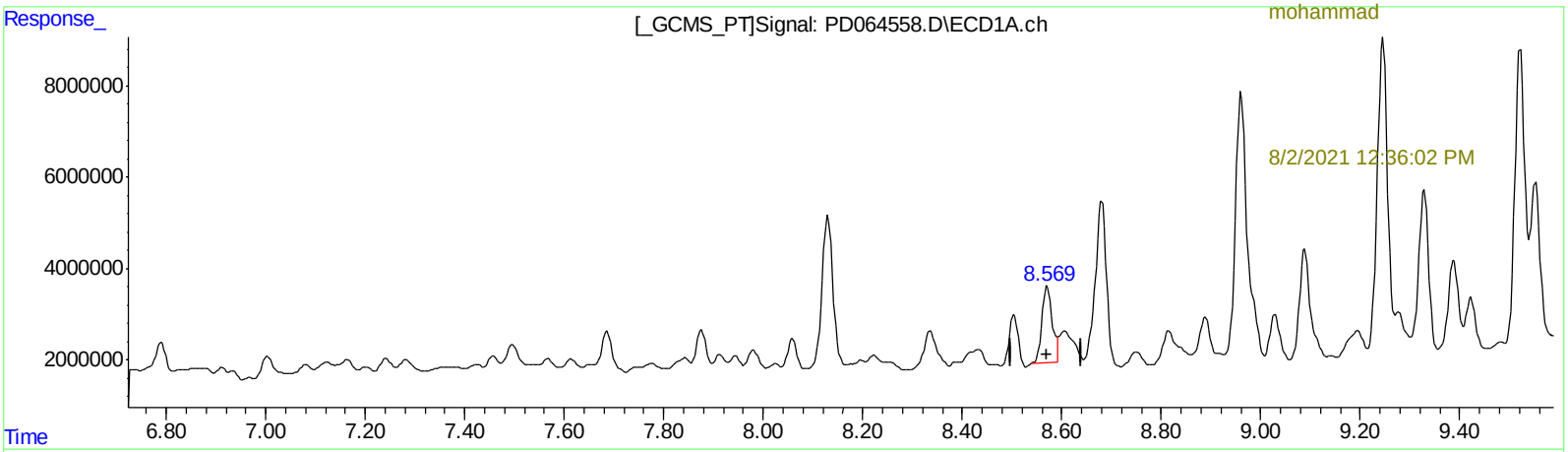

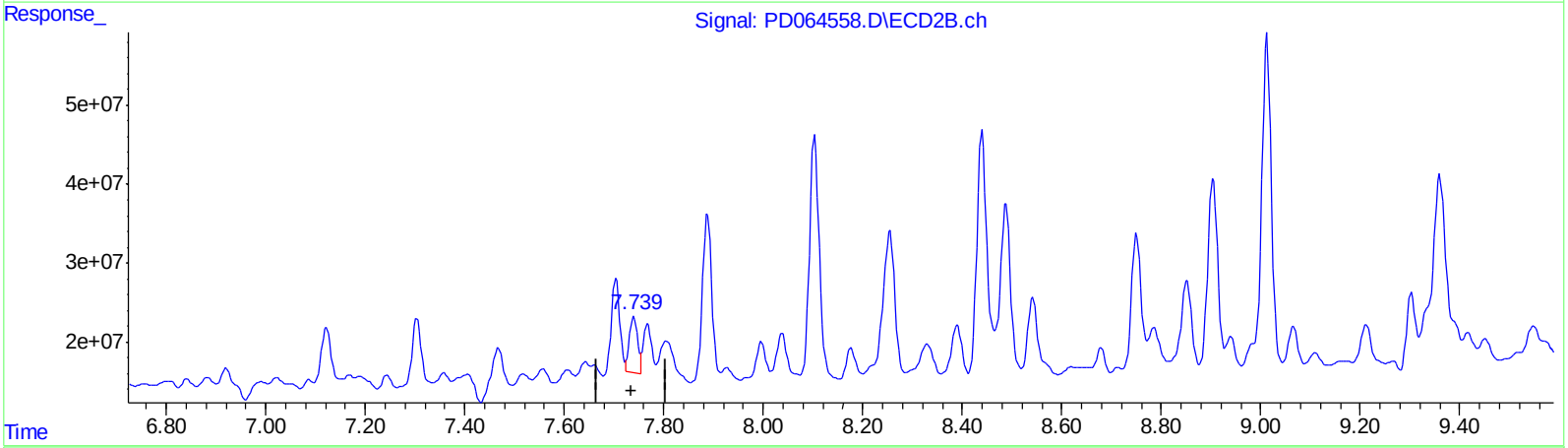

QEdit

(13) Dieldrin (MA)

8.569min 16.138 ng/ml m

response 24066640

(13) Dieldrin #2 (MA)

7.740min 10.275 ng/ml

response 82529797

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 30 Jul 2021 13:33
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Sample   : M3091-17
Misc   :
ALS Vial : 10   Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
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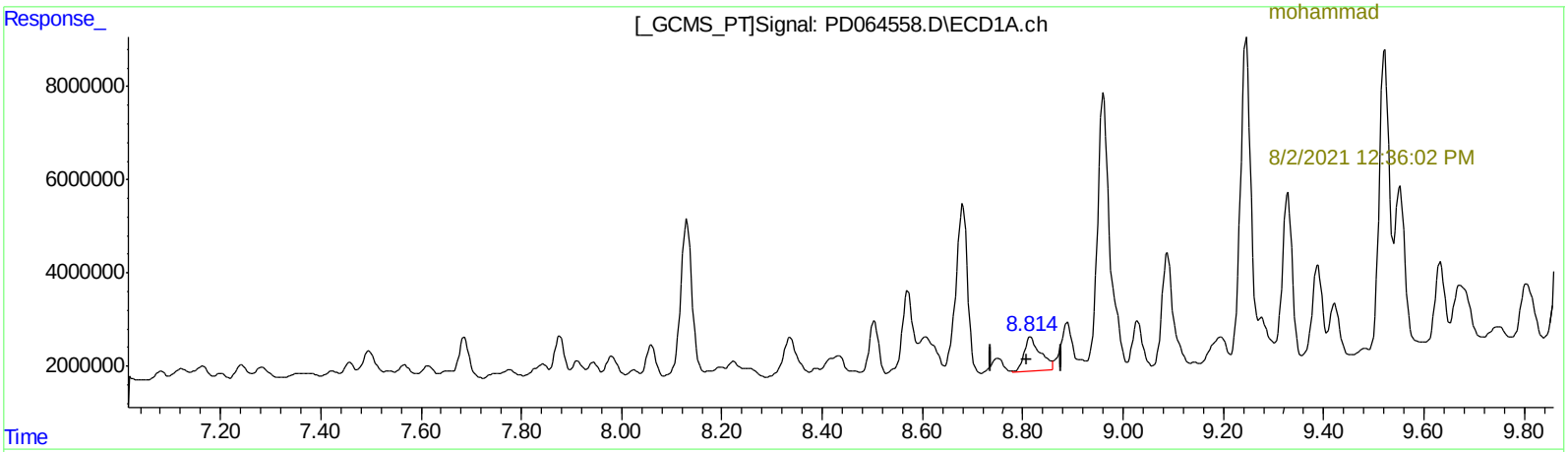

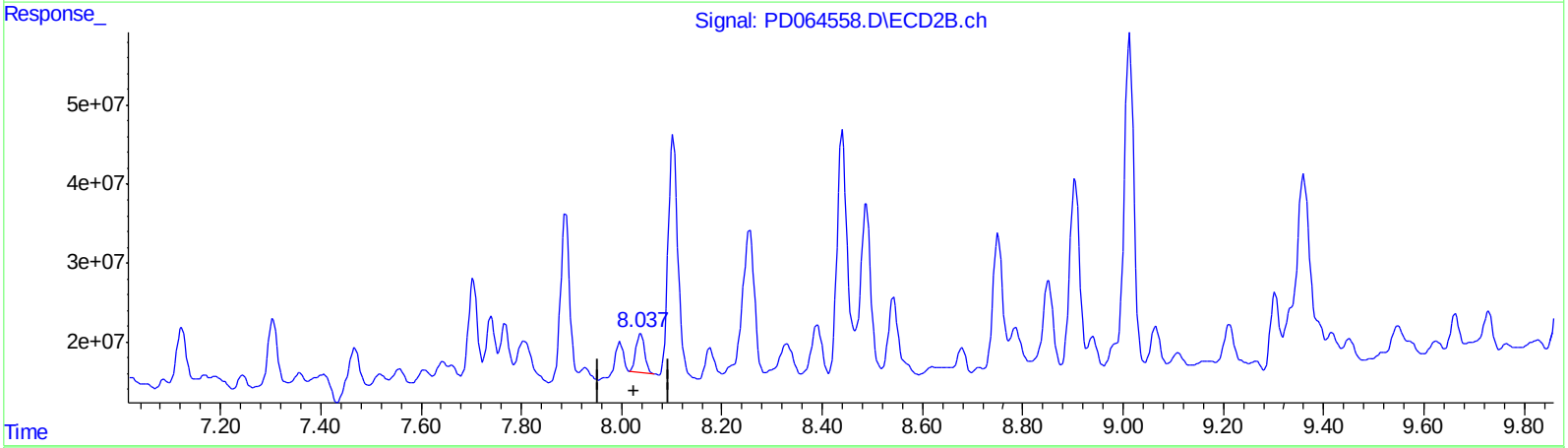

QEdit

(14) Endrin (MA)

8.815min 13.149 ng/ml

response 16835741

(14) Endrin #2 (MA)

8.038min 10.018 ng/ml

response 57547768

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample   : M3091-17
Misc   :
ALS Vial : 10   Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
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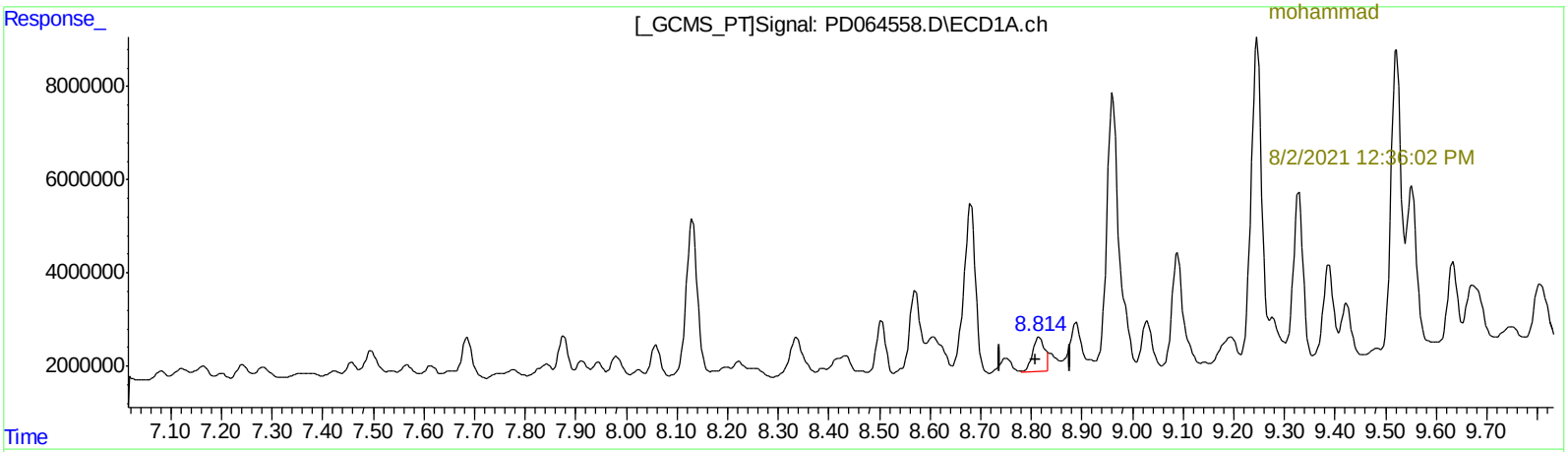
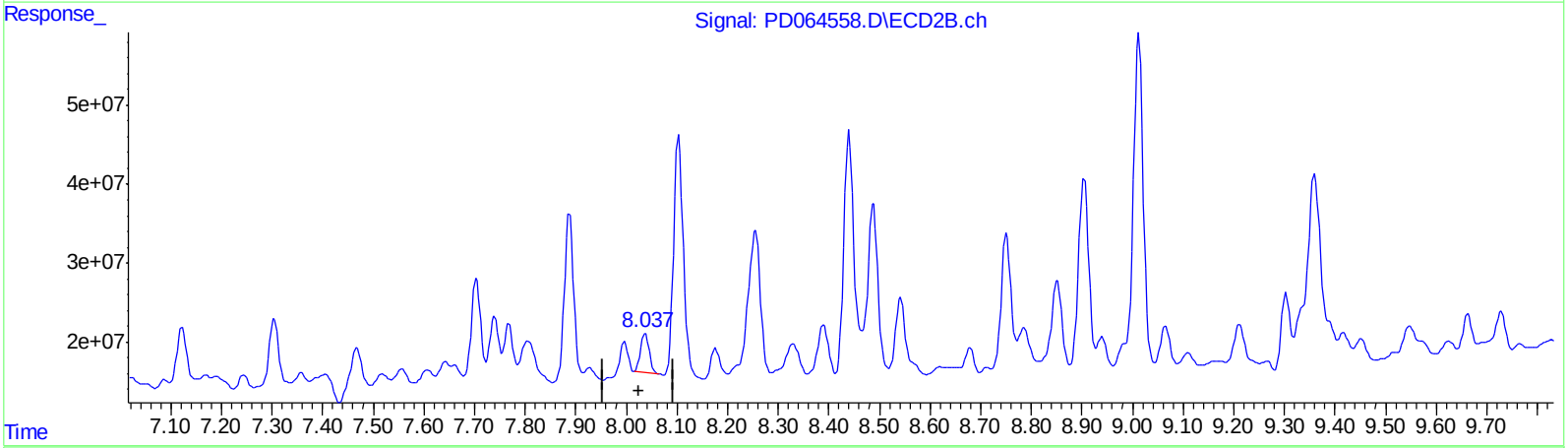




QEdit

(14) Endrin (MA)

8.814min 10.202 ng/ml m

response 13063179

(14) Endrin #2 (MA)

8.038min 10.018 ng/ml

response 57547768

(+) = Expected Retention Time

Quantitation Report (Qedit)

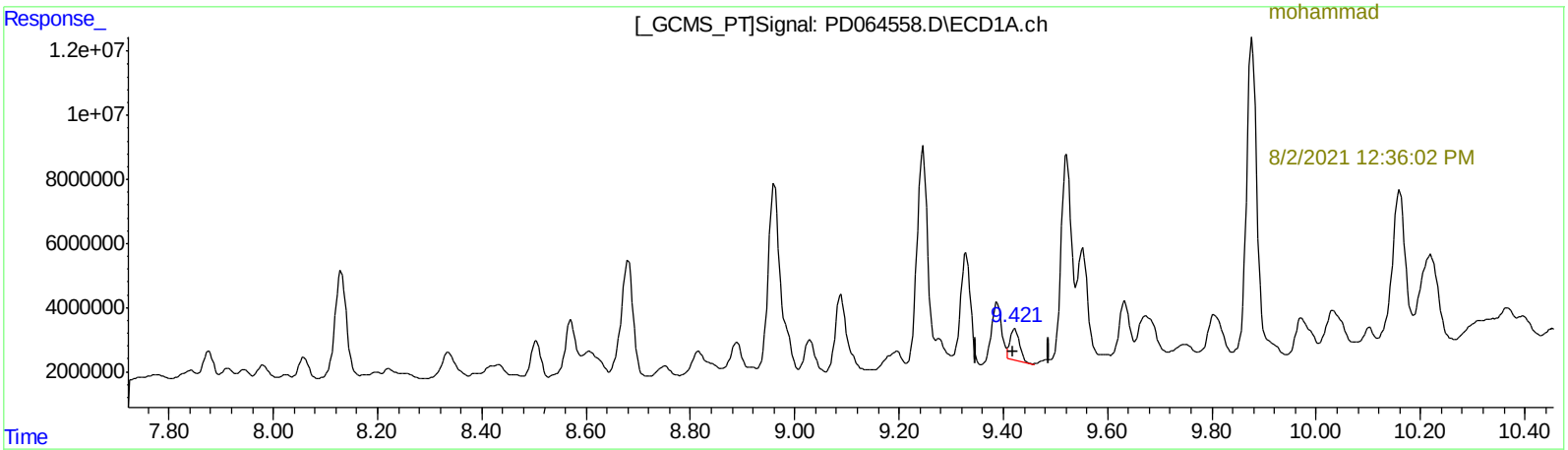
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:33
Operator : AR\AJ
Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

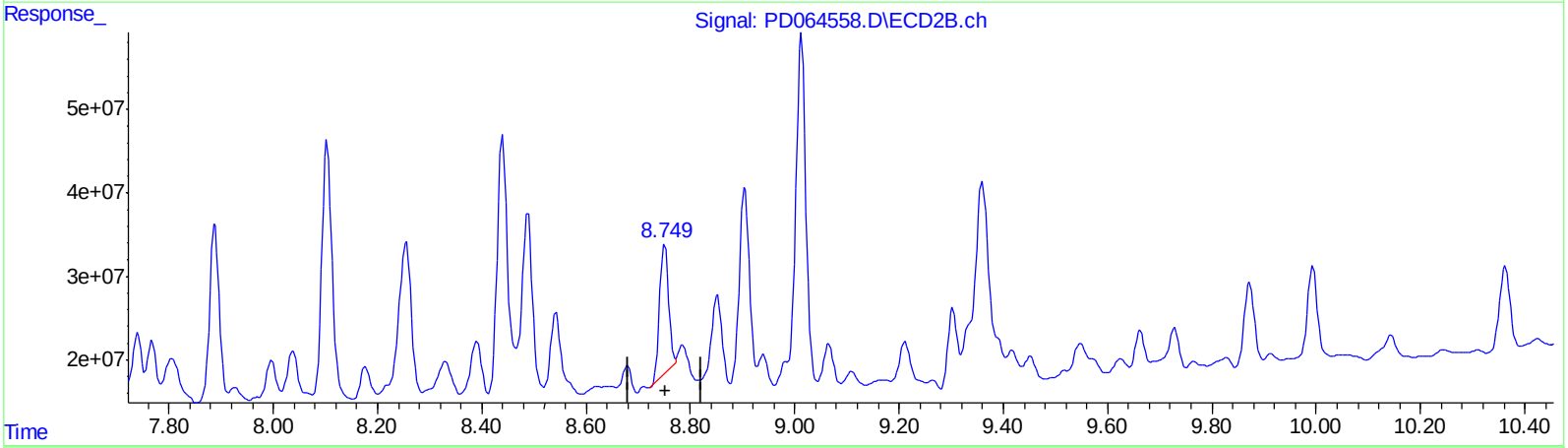
Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
mohammad
8/2/2021 12:36:02 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 03:36:09 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





QEdit

(19) Endosulfan Sulfate (B)

9.423min 9.003 ng/ml

response 12407467

(19) Endosulfan Sulfate #2 (B)

8.751min 33.970 ng/ml

response 183107154

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 30 Jul 2021 13:33
Operator : AR\AJ
Sample   : M3091-17
Misc   :
ALS Vial : 10   Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0055

Manual Integrations APPROVED
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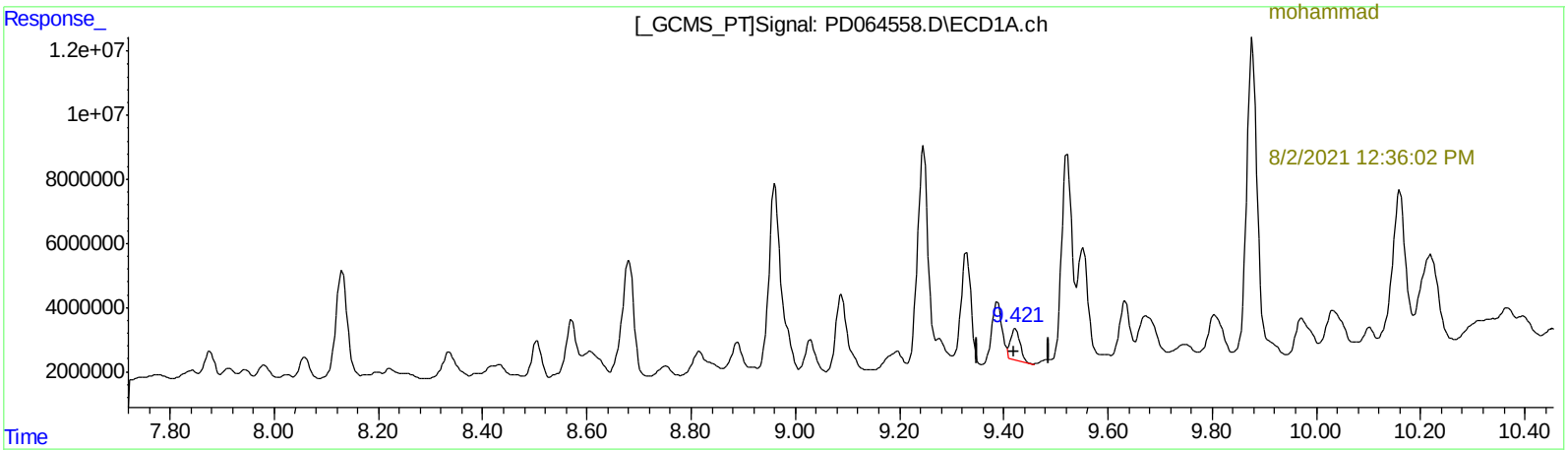
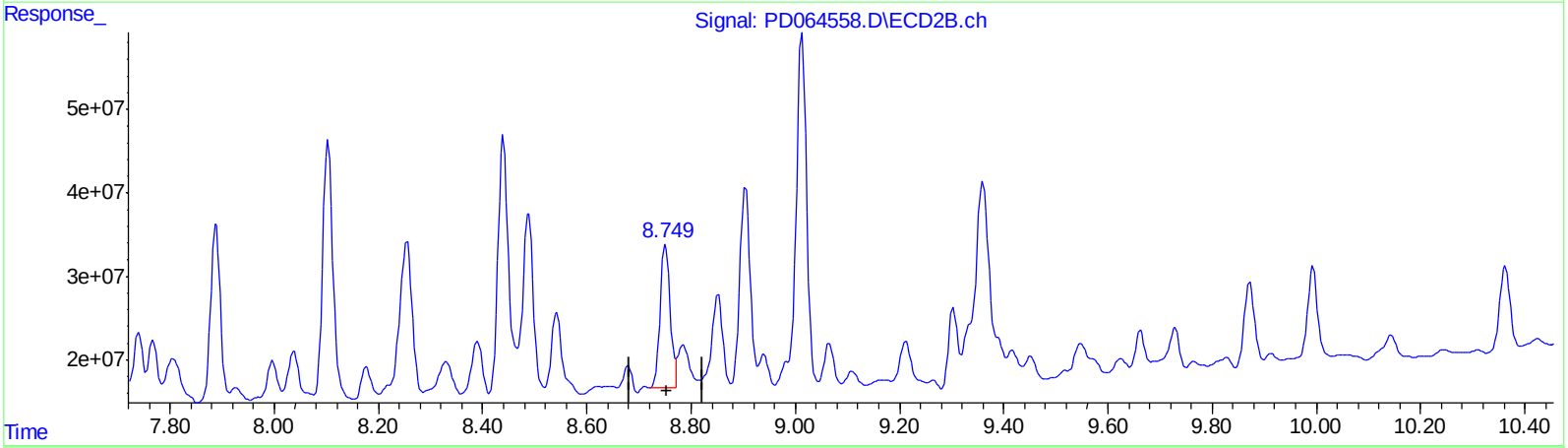
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 03:36:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
Response via : Initial Calibration
Integrator: ChemStation

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





QEdit

(19) Endosulfan Sulfate (B)

9.423min 9.003 ng/ml

response 12407467

(19) Endosulfan Sulfate #2 (B)

8.749min 42.186 ng/ml m

response 227392617

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 13:33
Operator : AR\AJ
Sample : M3091-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 03:36:09 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.406	4.617	18619583	153.9E6	15.609	16.838m
27)	SA Decachlor...	11.305	10.363	30983456	136.6E6	23.537	22.969
	Target Compounds						
3)	MA gamma-BHC...	6.391	5.733	1994184	59566894	1.272	5.224m#
5)	MB Aldrin	7.424	6.466	1392063	53246984	0.884	5.062 #
7)	B delta-BHC	6.912	6.387	926891	10718155	0.533	0.987 #
10)	B trans-Chl...	8.129	7.303	52477662	112.0E6	32.748m	12.352m#
12)	B 4,4'-DDE	8.422	7.605	3286490	26790238	2.280m	3.551m#
13)	MA Dieldrin	8.569	7.740	24066640	82529797	16.138m	10.275 #
14)	MA Endrin	8.814	8.038	13063179	57547768	10.202m	10.018
15)	B Endosulfa...	9.029	8.330	13673161	56165099	10.529	9.730
16)	A 4,4'-DDD	8.961	8.176	101.3E6	46602478	82.553	8.091 #
19)	B Endosulfa...	9.423	8.749	12407467	227.4E6	9.003	42.186m#

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

Instrument :
ECD_D
ClientSampleId :
C0055

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8/2/2021 12:36:02 PM

AJ
08/03/21