Quantitation Report (Qedit)

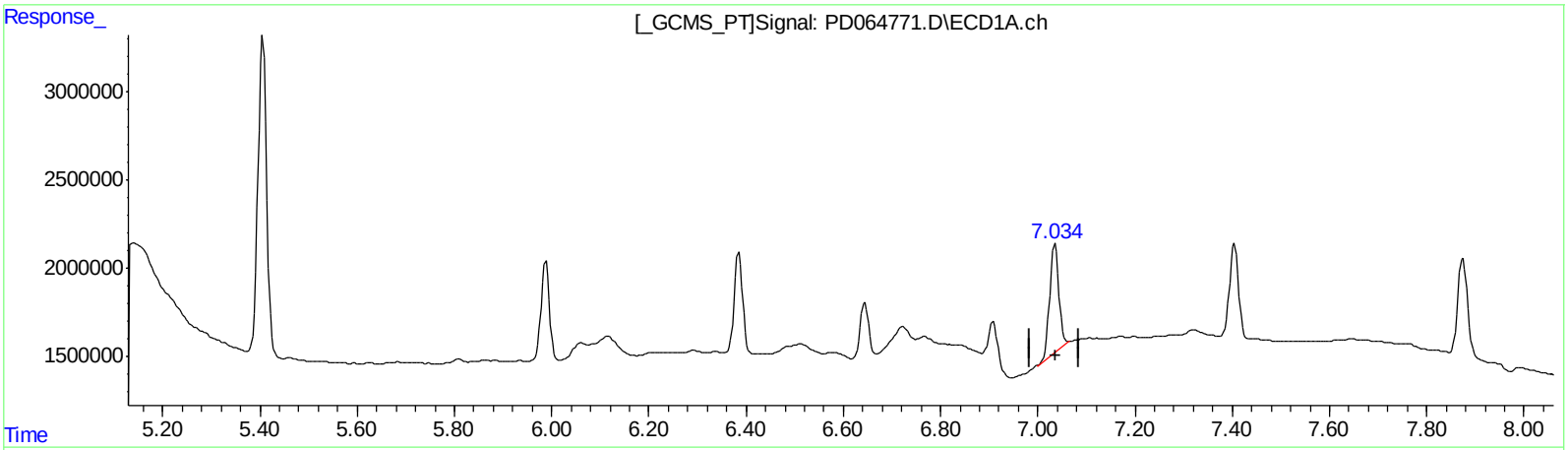
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

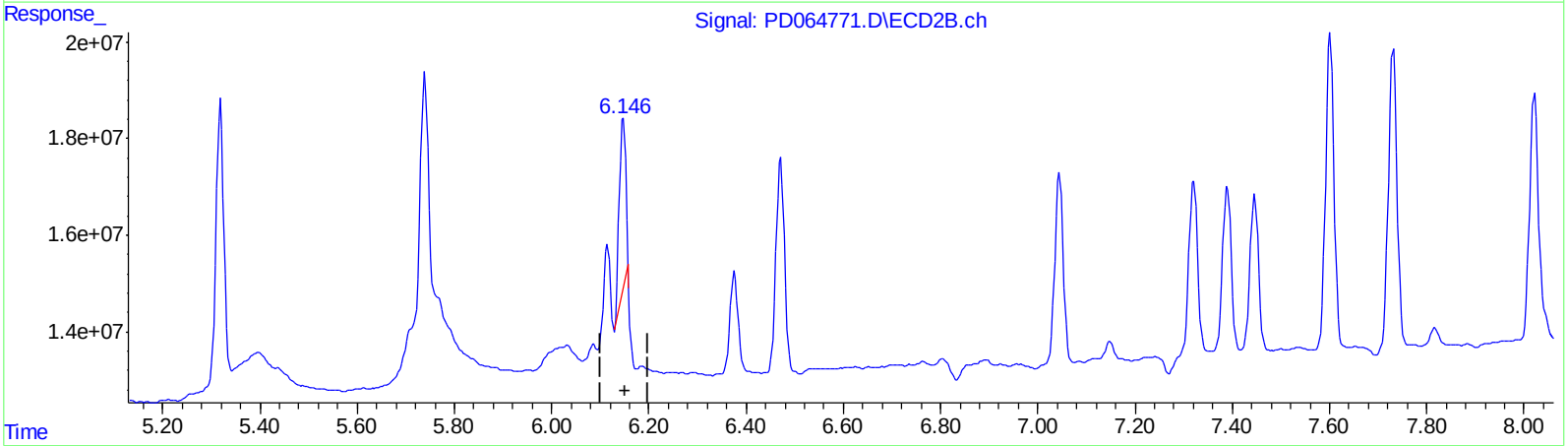
Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:29:49 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

(4) Heptachlor (MA)

7.036min 4.745 ng/ml

response 7974786

(4) Heptachlor #2 (MA)

6.148min 2.886 ng/ml

response 32722631

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:29:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
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QLast Update : Wed Jul 28 07:07:14 2021
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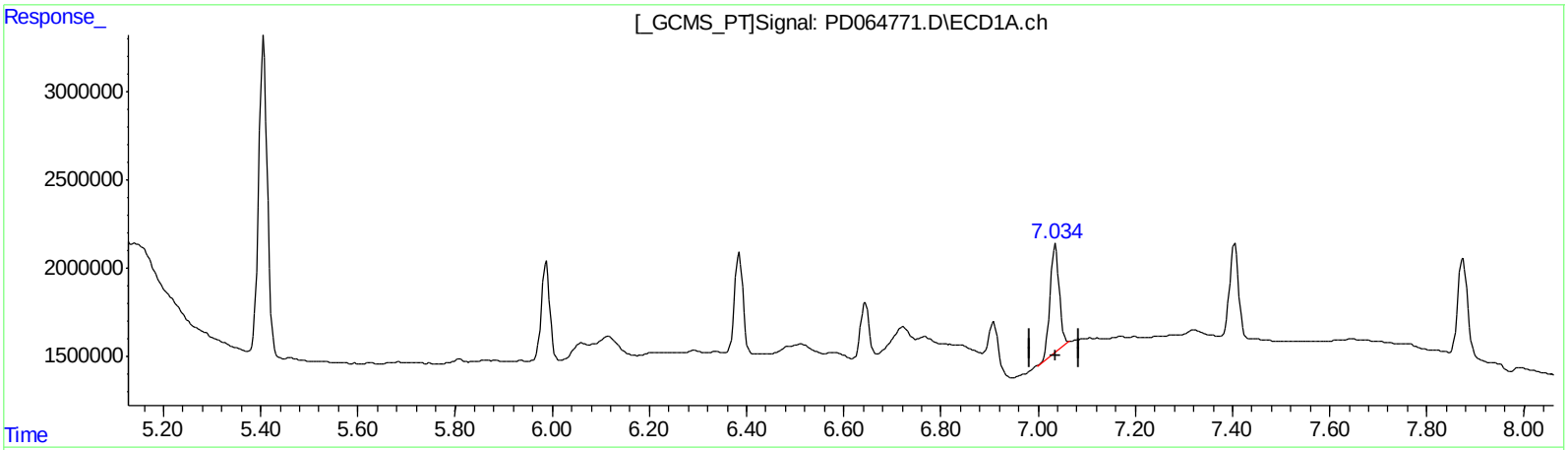
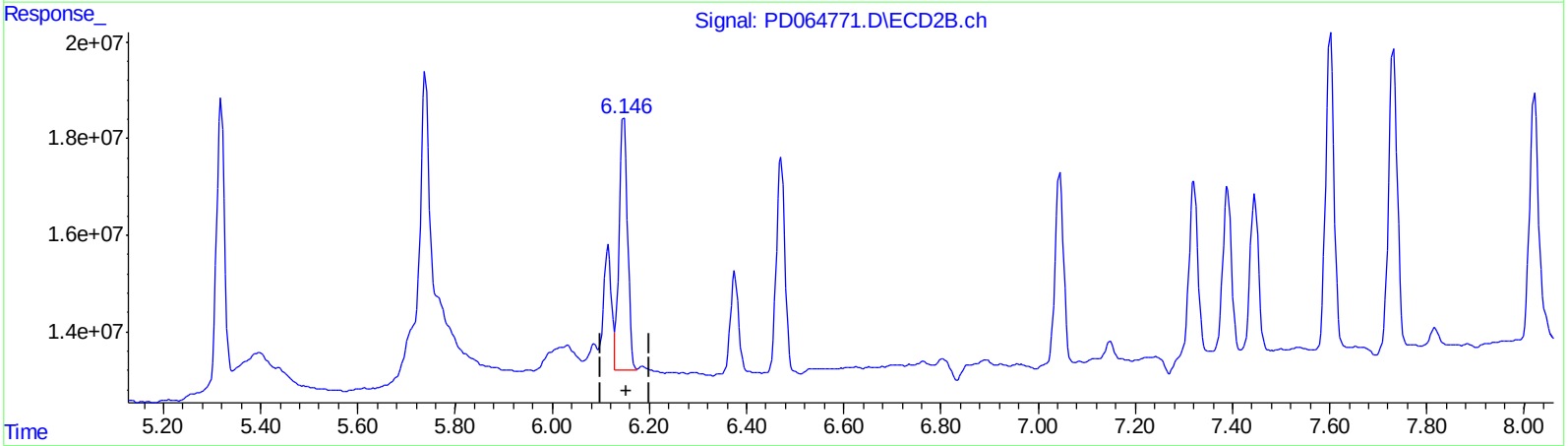
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(4) Heptachlor (MA)

7.036min 4.745 ng/ml

response 7974786

(4) Heptachlor #2 (MA)

6.146min 5.608 ng/ml m

response 63588056

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:29:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
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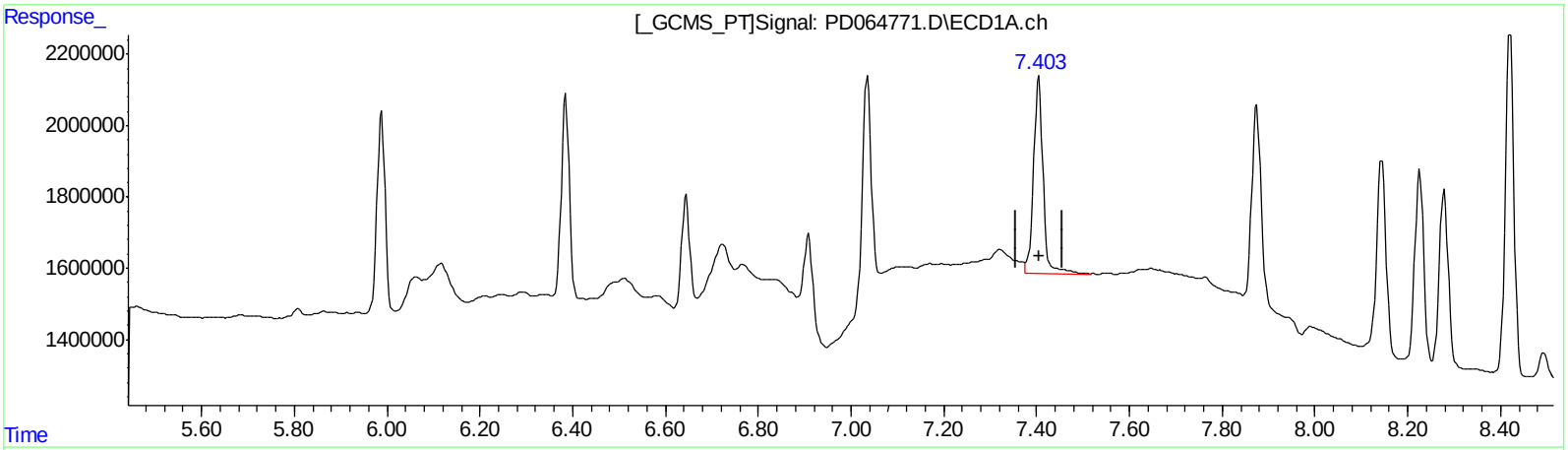
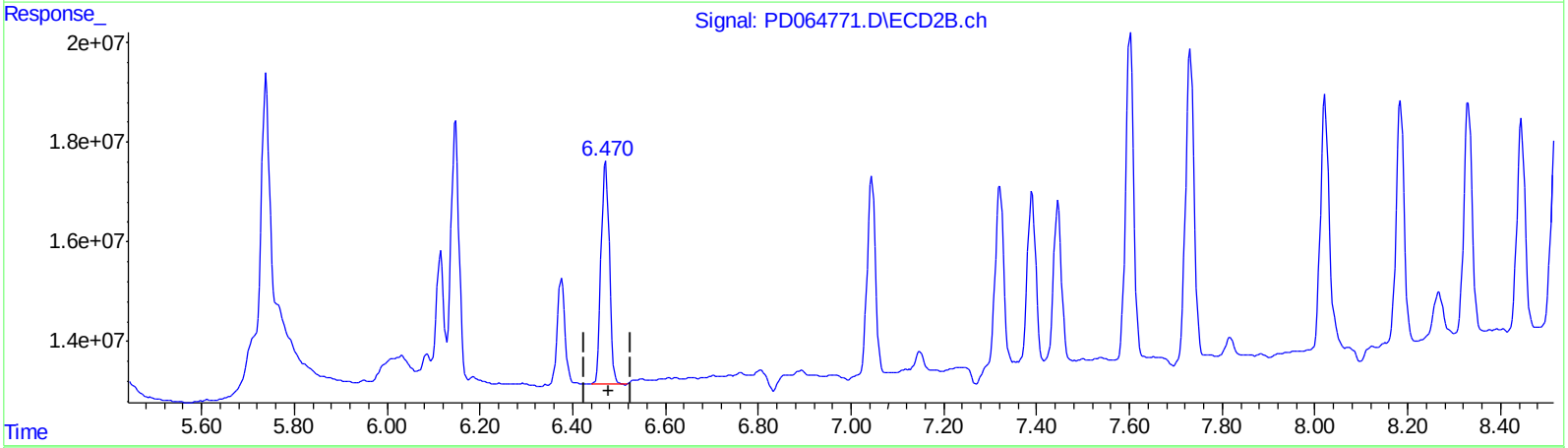
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(5) Aldrin (MB)

7.405min 5.085 ng/ml

response 8009265

(5) Aldrin #2 (MB)

6.471min 5.198 ng/ml

response 54678692

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:29:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
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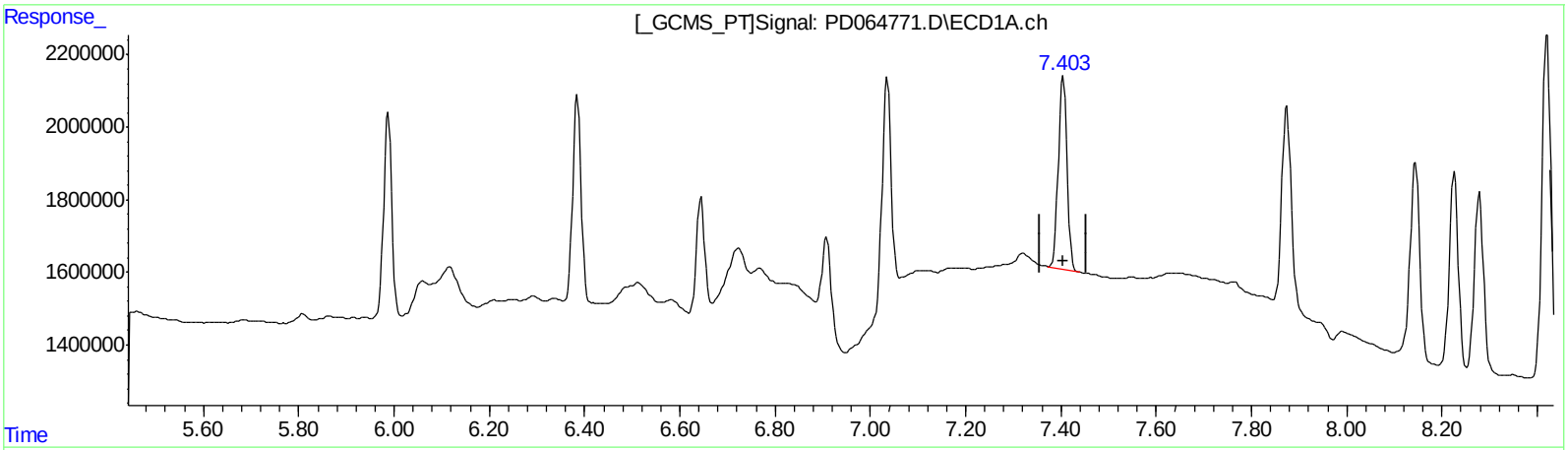
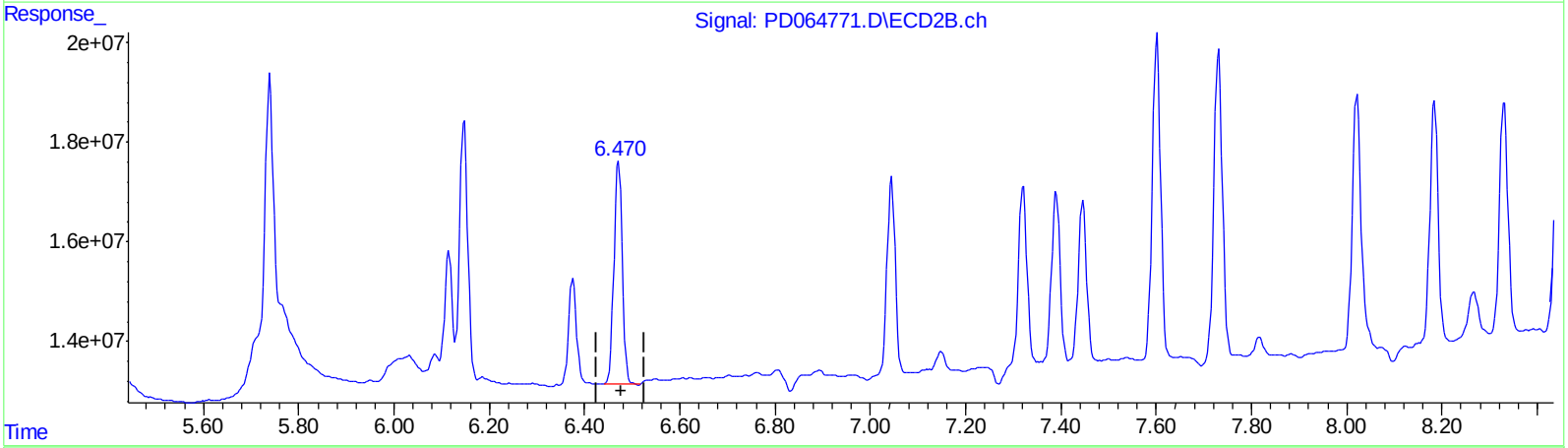
Response via : Initial Calibration
Integrator: ChemStation

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

(5) Aldrin (MB)

7.403min 4.335 ng/ml m

response 6828864

(5) Aldrin #2 (MB)

6.471min 5.198 ng/ml

response 54678692

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:29:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
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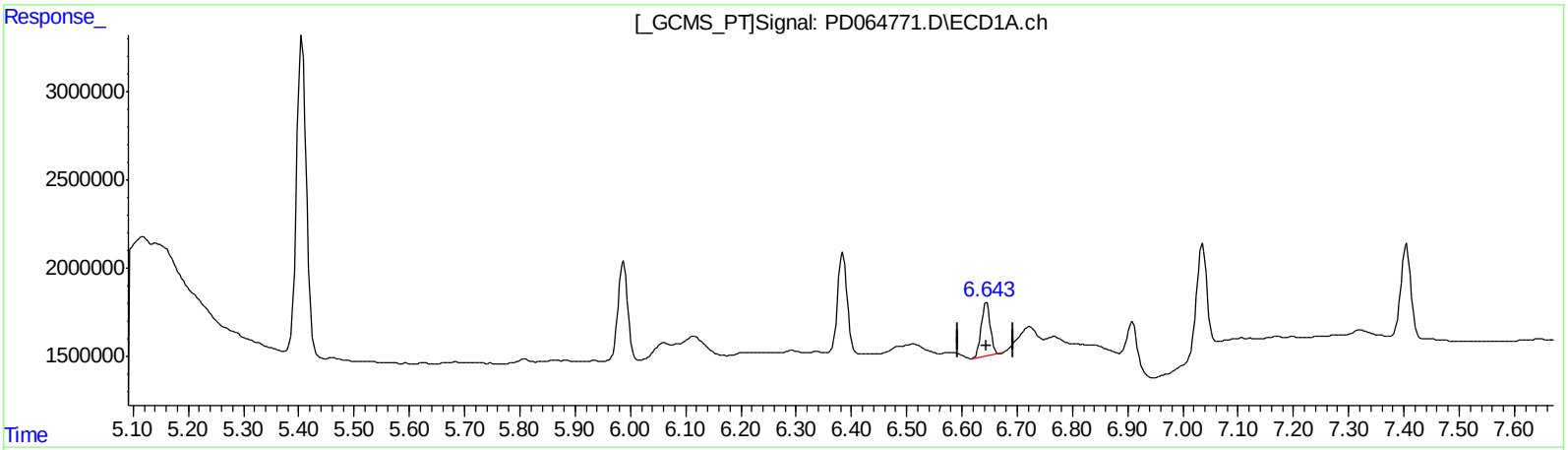
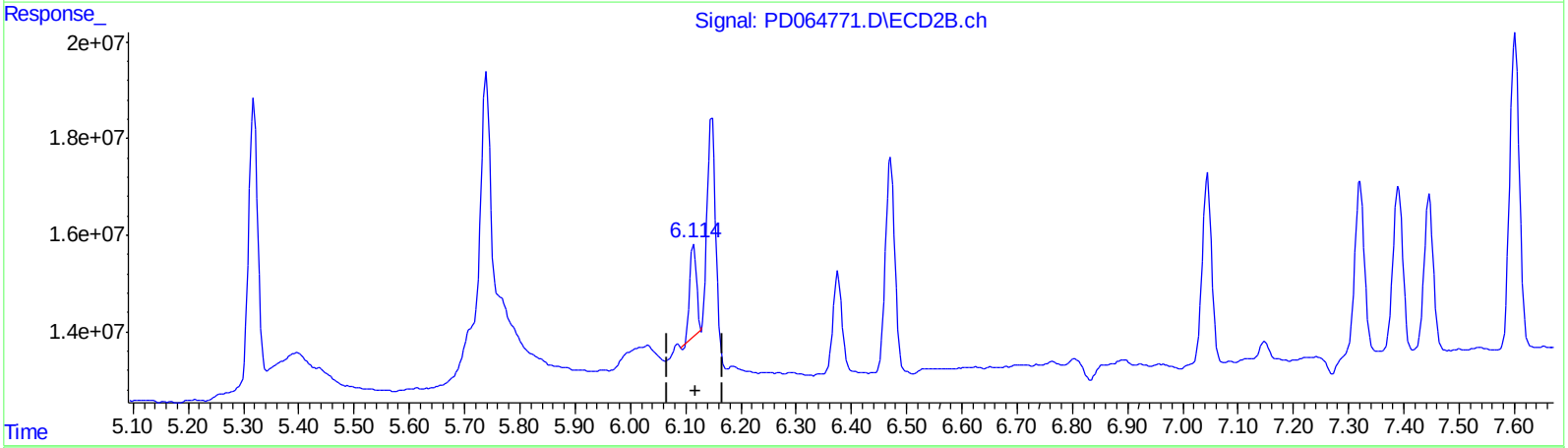
Response via : Initial Calibration
Integrator: ChemStation

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)

6.645min 4.518 ng/ml

response 3525143

(6) beta-BHC #2 (B)

6.115min 2.703 ng/ml

response 16397732

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

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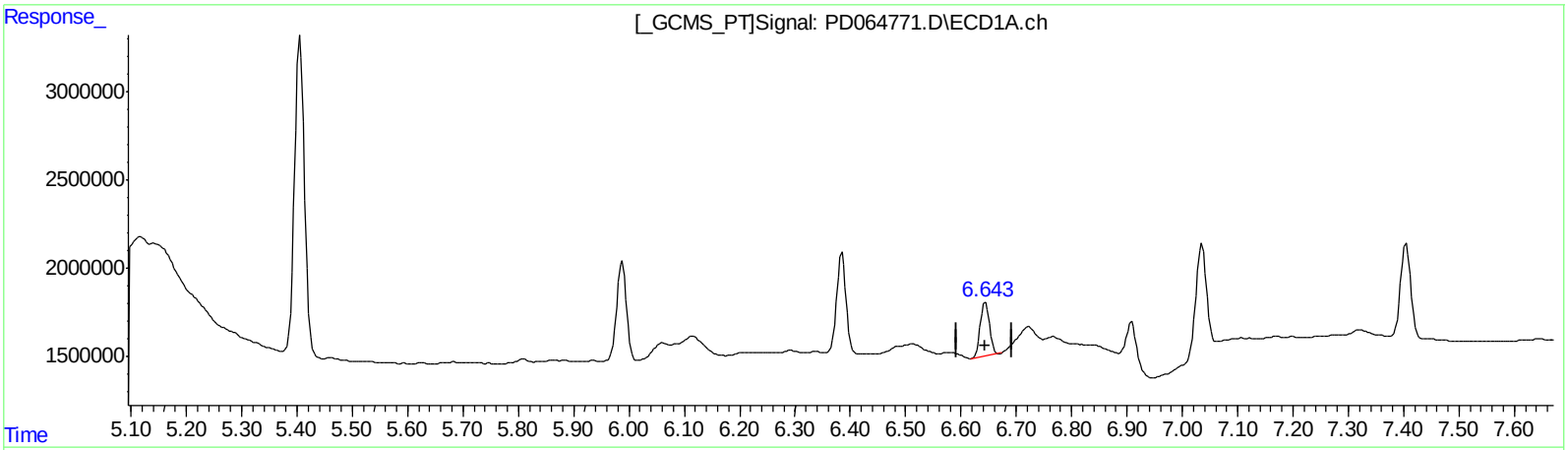
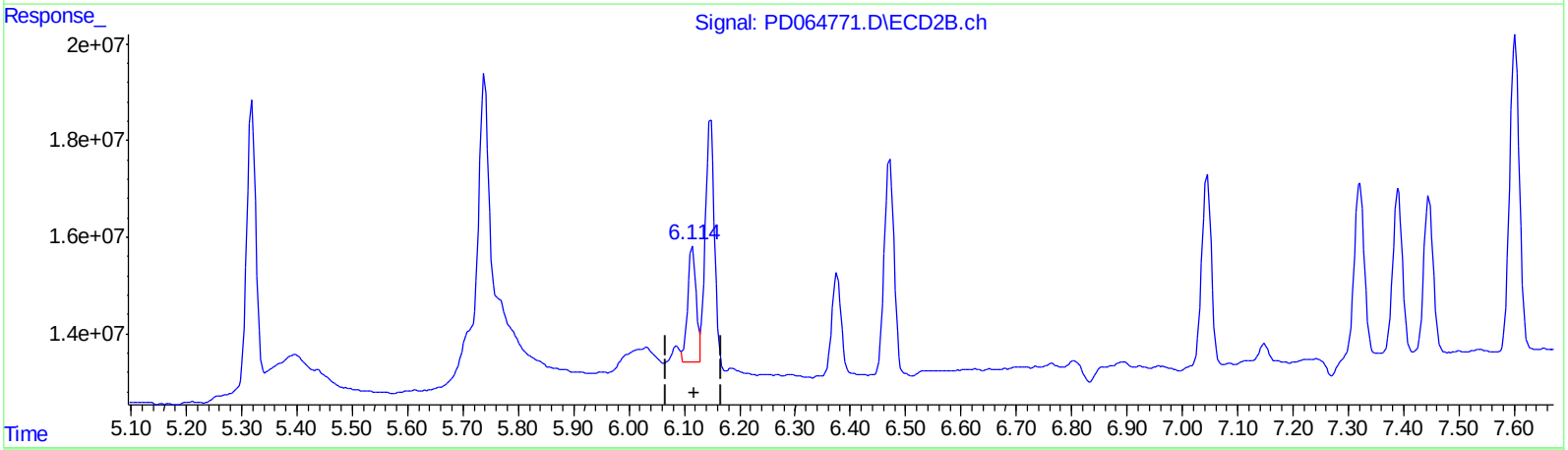
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

6.645min 4.518 ng/ml

response 3525143

(6) beta-BHC #2 (B)

6.114min 4.375 ng/ml m

response 26544798

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:29:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
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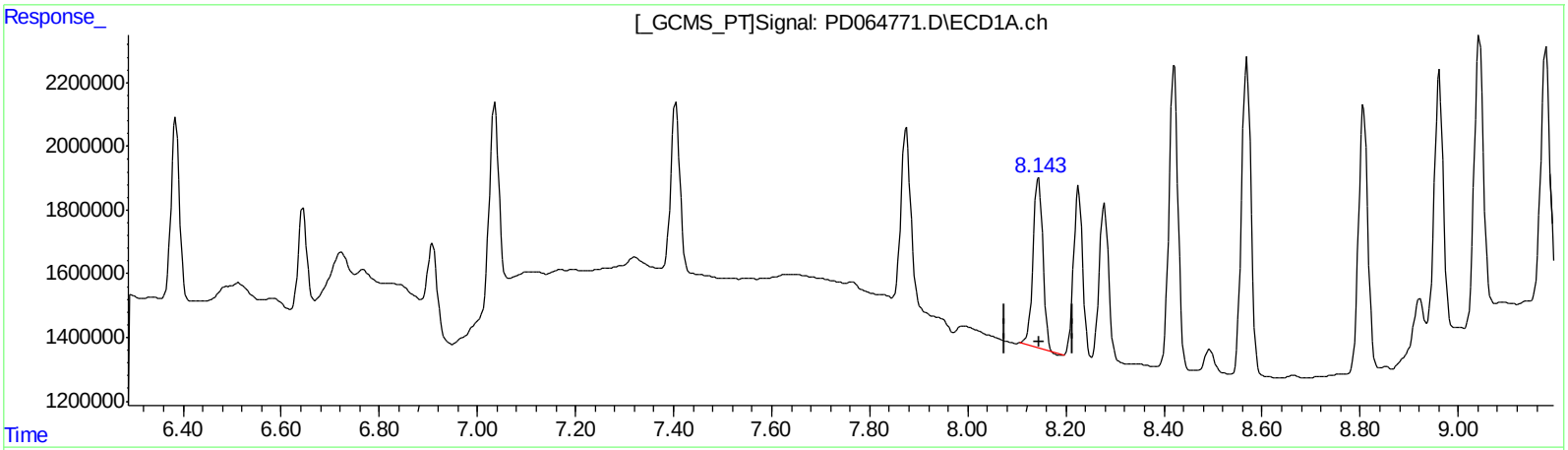
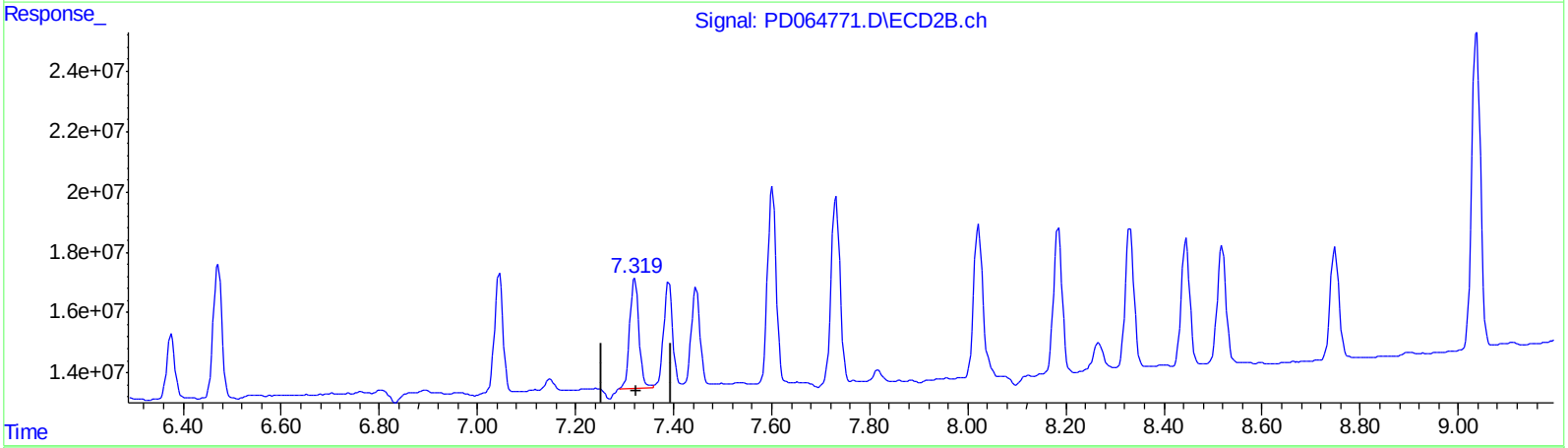
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) trans-Chlordane (B)

8.144min 4.644 ng/ml

response 7442656

(10) trans-Chlordane #2 (B)

7.321min 5.196 ng/ml

response 47129468

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:29:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
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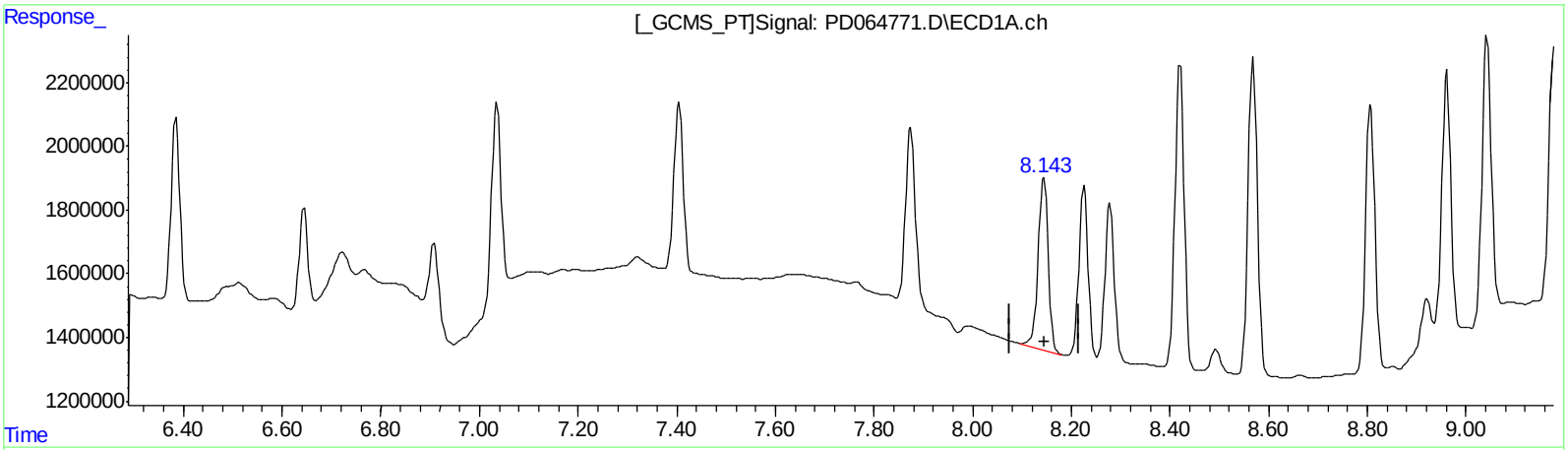
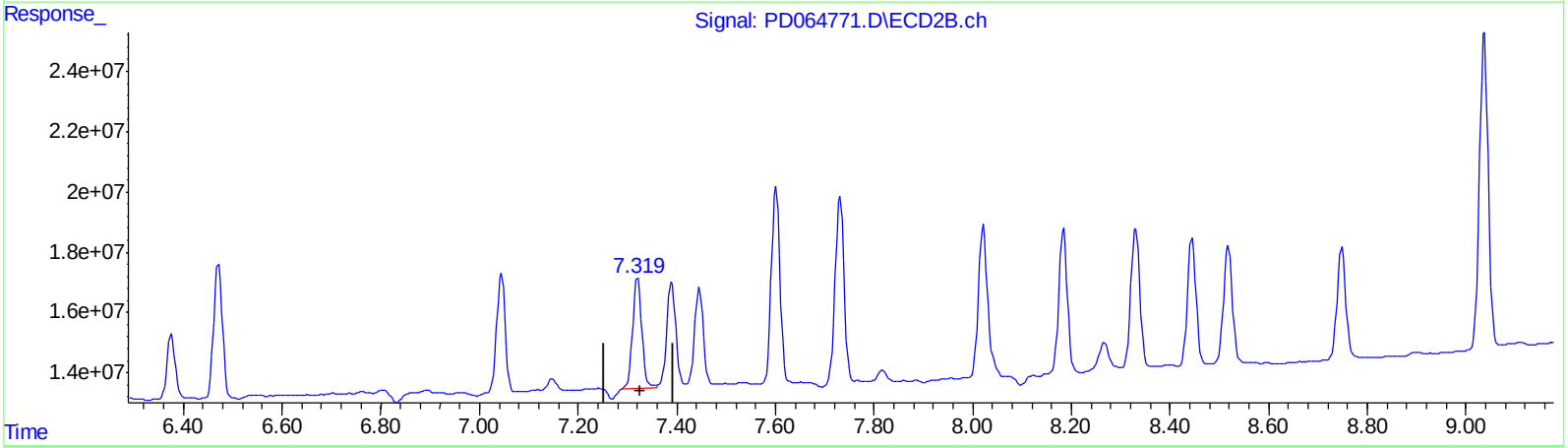
Integrator: ChemStation

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





QEdit

(10) trans-Chlordane (B)

8.143min 4.857 ng/ml m

response 7783089

(10) trans-Chlordane #2 (B)

7.321min 5.196 ng/ml

response 47129468

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

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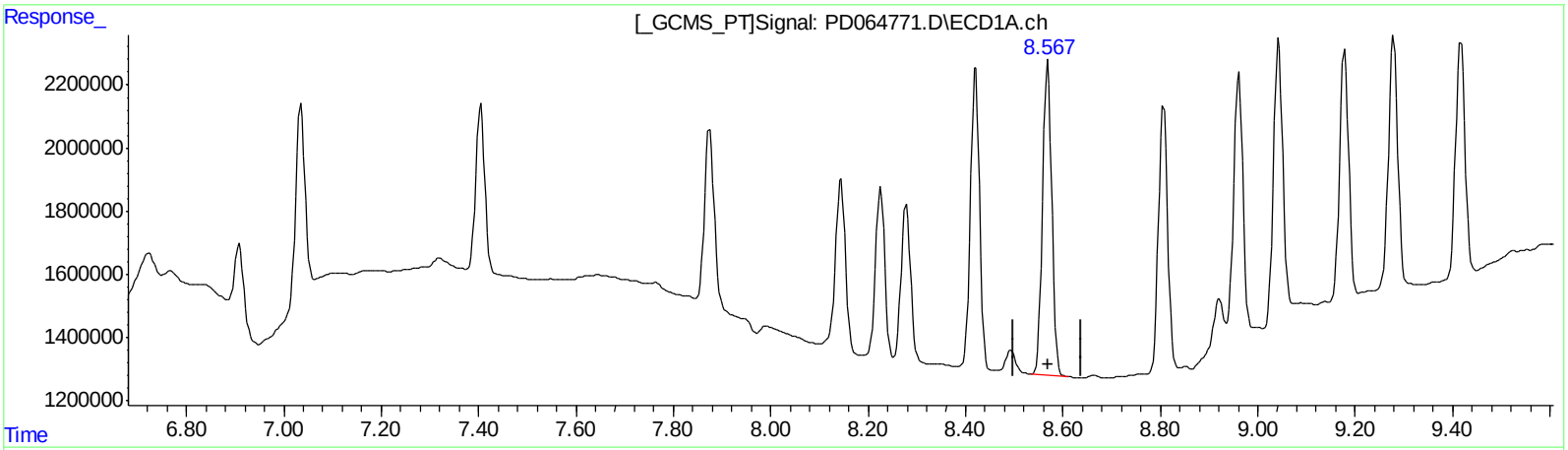

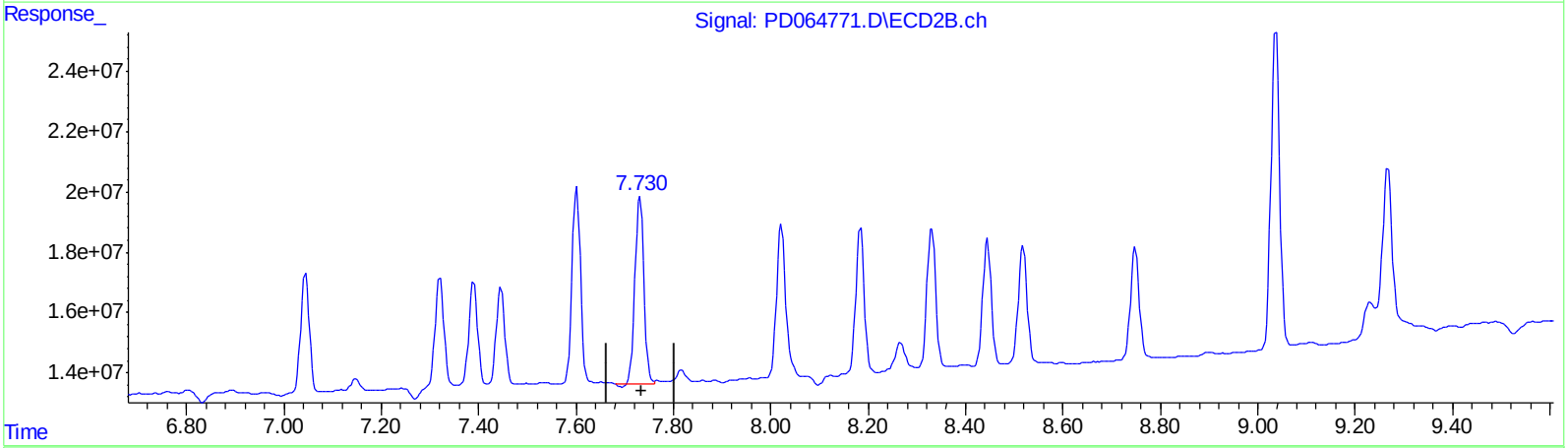

QEdit

(13) Dieldrin (MA)

8.569min 8.833 ng/ml

response 13172014

(13) Dieldrin #2 (MA)

7.731min 9.693 ng/ml

response 77853877

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
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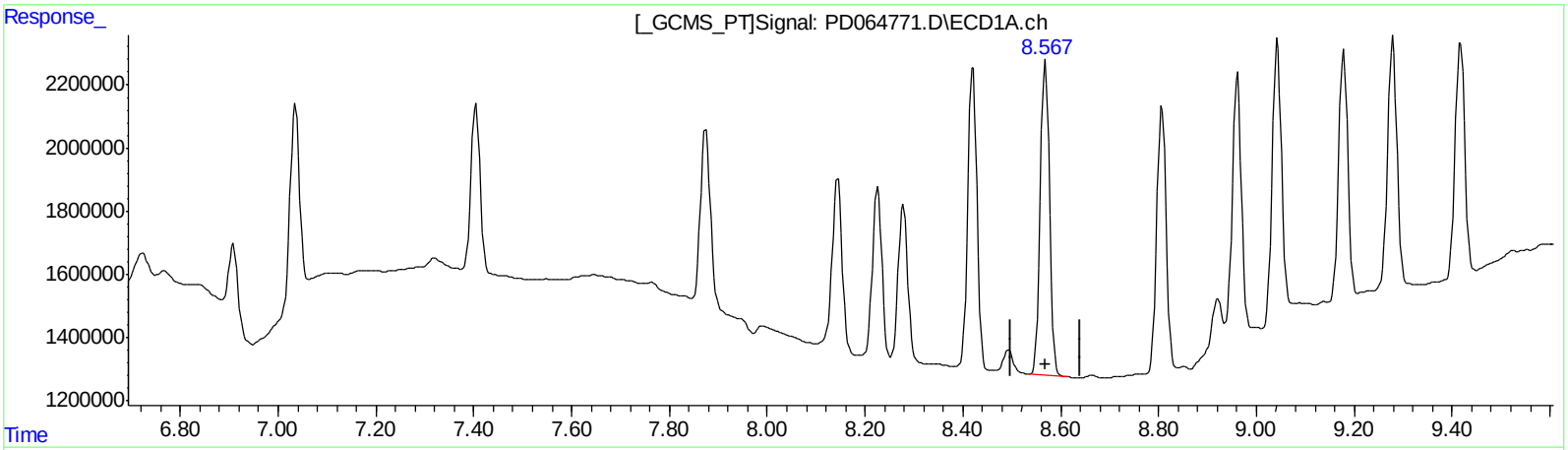

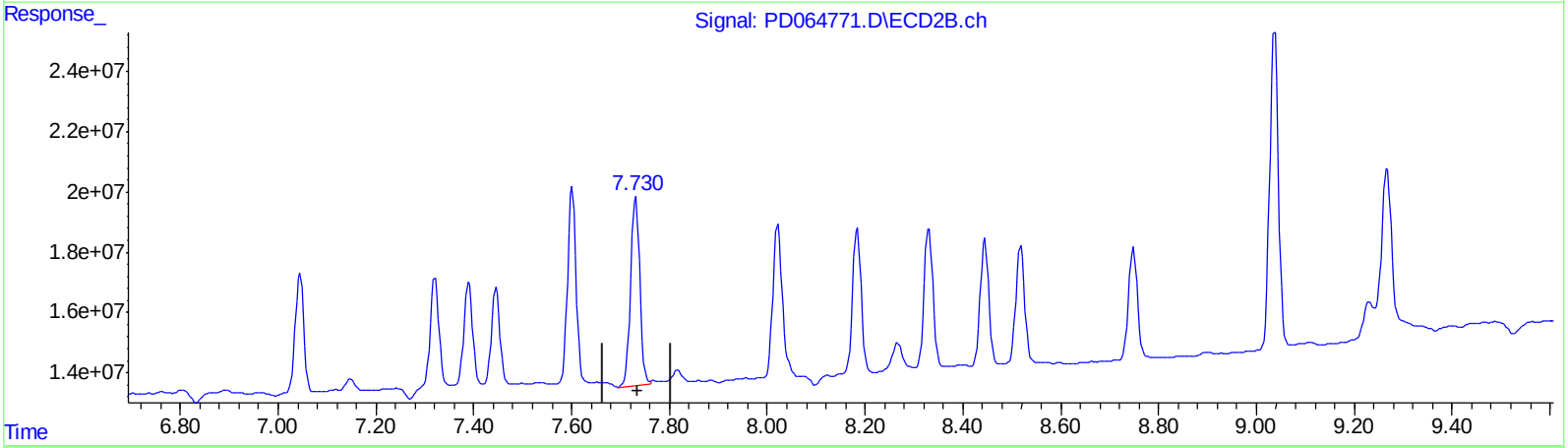

QEdit

(13) Dieldrin (MA)

8.569min 8.833 ng/ml

response 13172014

(13) Dieldrin #2 (MA)

7.730min 10.019 ng/ml m

response 80466870

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
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Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
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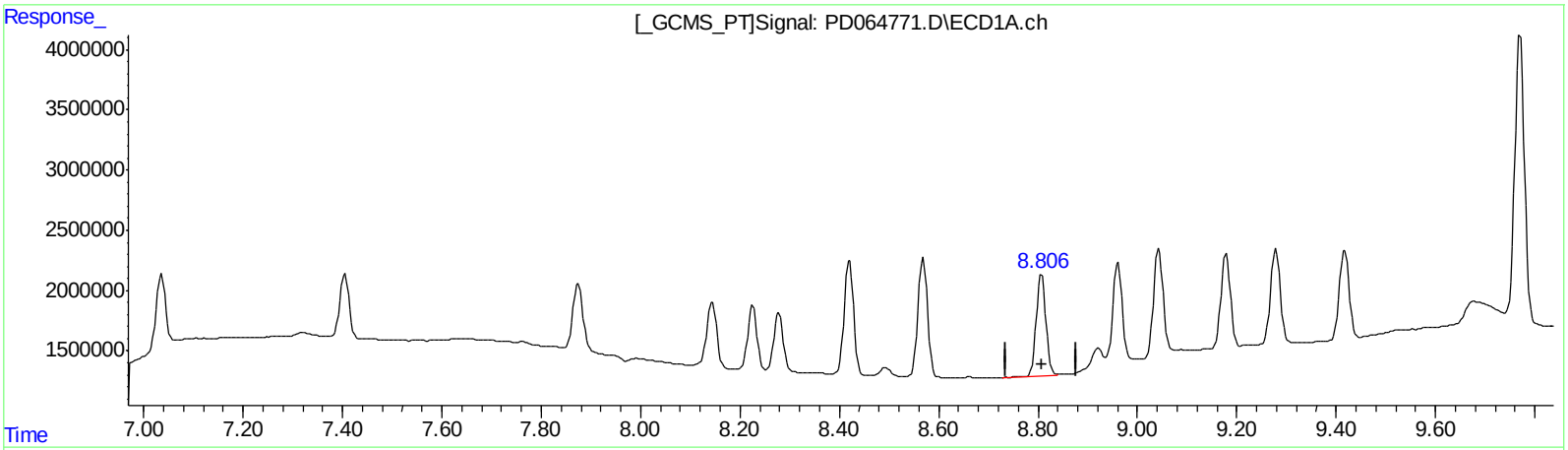

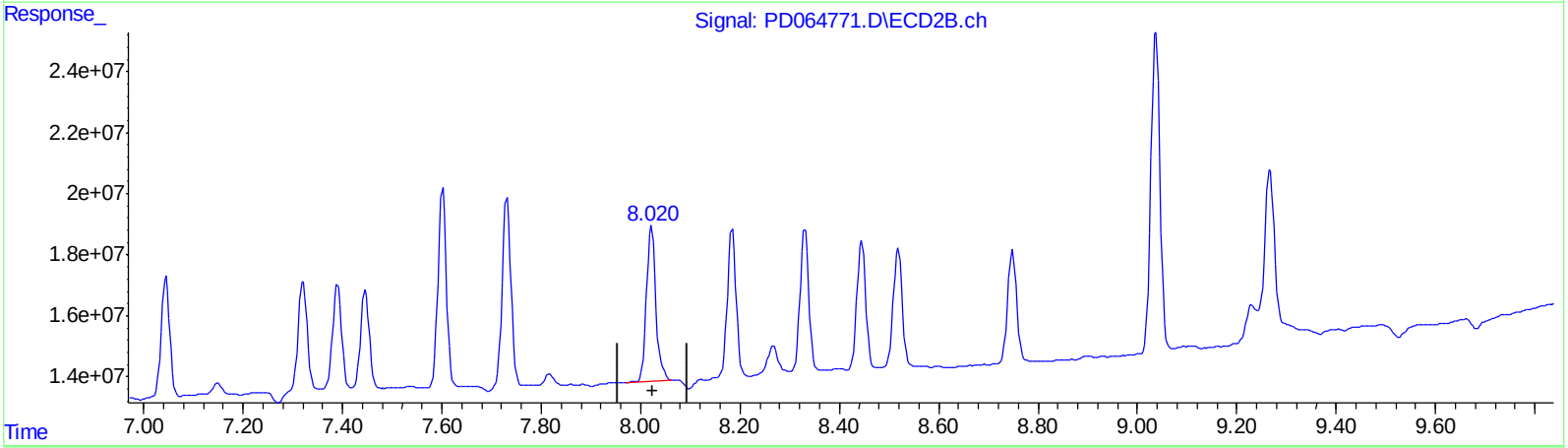

QEdit

(14) Endrin (MA)

8.807min 8.841 ng/ml

response 11320278

(14) Endrin #2 (MA)

8.022min 11.830 ng/ml

response 67960292

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Integration File signal 1: autoint1.e
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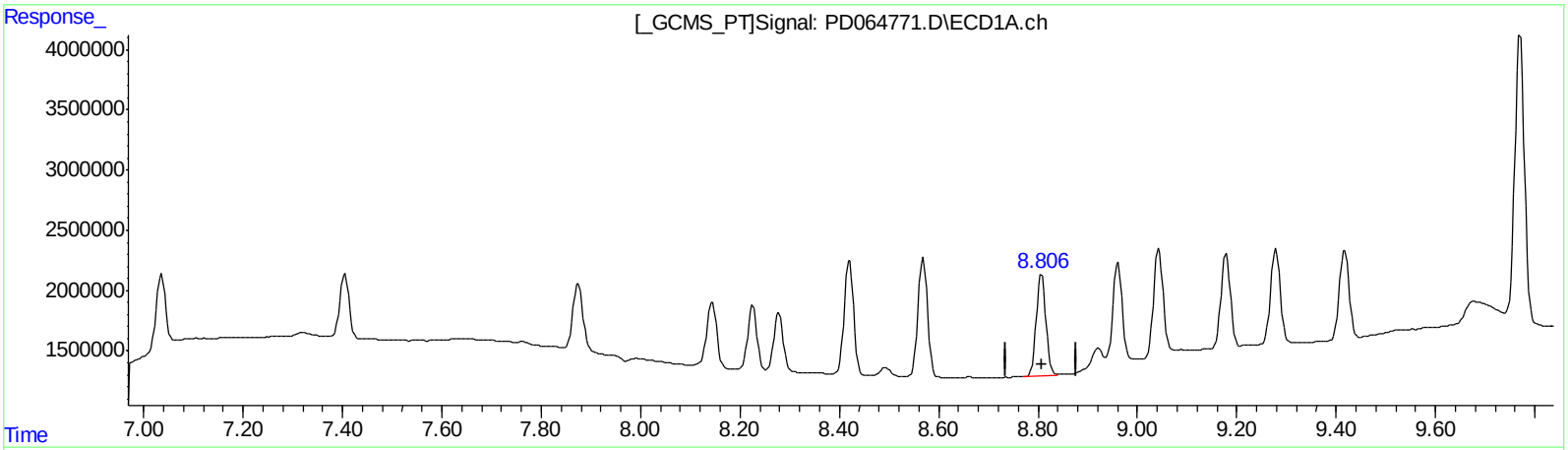

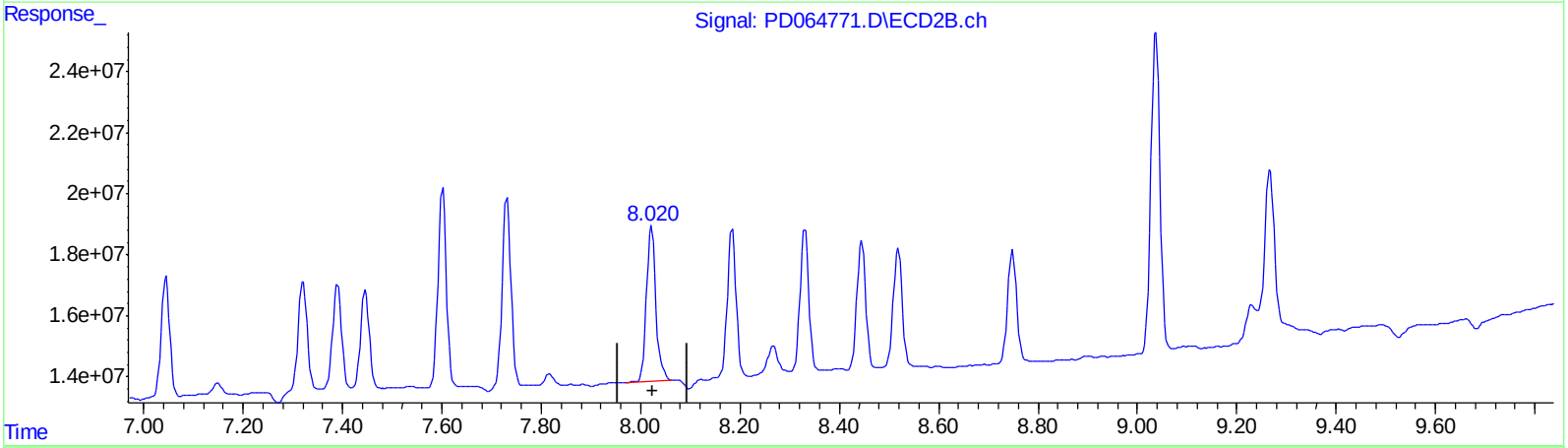

QEdit

(14) Endrin (MA)

8.806min 8.809 ng/ml m

response 11279526

(14) Endrin #2 (MA)

8.022min 11.830 ng/ml

response 67960292

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Instrument :
ECD_D
ClientSampleId :
PLCS139

Manual Integrations APPROVED
mohammad
8/6/2021 3:07:57 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2021 15:23
Operator : AR\AJ
Sample : PB138139BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:29:49 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	22288799	194.9E6	18.685	21.332
27)	SA Decachlor...	11.304	10.361	42709502	208.4E6	32.444	35.038
	Target Compounds						
2)	A alpha-BHC	5.988	5.319	6743279	63442982	4.139	5.147
3)	MA gamma-BHC...	6.385	5.739	7144014	63654388	4.555	5.582
4)	MA Heptachlor	7.036	6.146	7974786	63588056	4.745	5.608m
5)	MB Aldrin	7.403	6.471	6828864	54678692	4.335m	5.198
6)	B beta-BHC	6.645	6.114	3525143	26544798	4.518	4.375m
7)	B delta-BHC	6.909	6.376	3217910	24965559	1.849	2.298
8)	B Heptachlo...	7.874	7.045	7847002	47885377	4.571	5.173
9)	A Endosulfan I	8.278	7.446	6346817	39656508	4.502	5.157
10)	B trans-Chl...	8.143	7.321	7783089	47129468	4.857m	5.196
11)	B cis-Chlor...	8.226	7.390	6840877	44433045	4.391	4.995
12)	B 4,4'-DDE	8.421	7.602	12262481	78450545	8.508	10.397
13)	MA Dieldrin	8.569	7.730	13172014	80466870	8.833	10.019m
14)	MA Endrin	8.806	8.022	11279526	67960292	8.809m	11.830 #
15)	B Endosulfa...	9.043	8.331	11243011	57705066	8.658	9.997
16)	A 4,4'-DDD	8.961	8.184	11296805	58296634	9.203	10.122
17)	MA 4,4'-DDT	9.279	8.445	10637959	51469021	8.149	9.350
18)	B Endrin al...	9.179	8.518	10099934	48839768	8.915	9.896
19)	B Endosulfa...	9.417	8.749	10024691	46423763	7.274	8.613
20)	A Methoxychlor	9.770	9.037	31095216	133.0E6	43.456	51.933
21)	B Endrin ke...	9.913	9.267	12983391	58844461	8.582	9.810

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

AJ
08/10/21