Quantitation Report (Qedit)

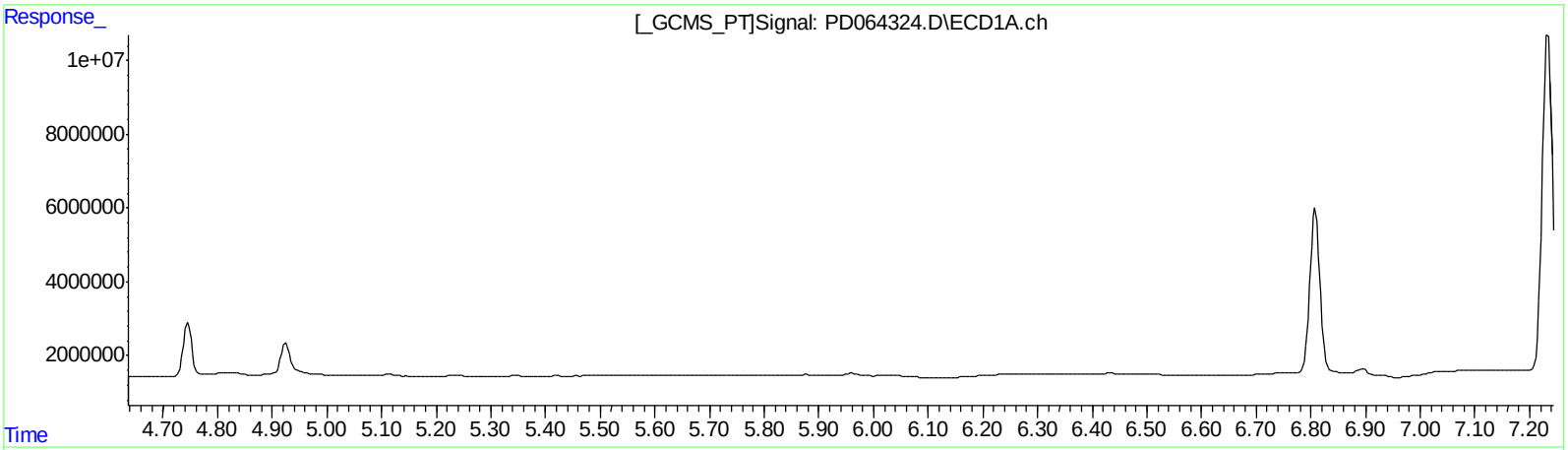
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2021 10:05
Operator : AR\AJ
Sample : PEM54
Misc :
ALS Vial : 3 Sample Multiplier: 1

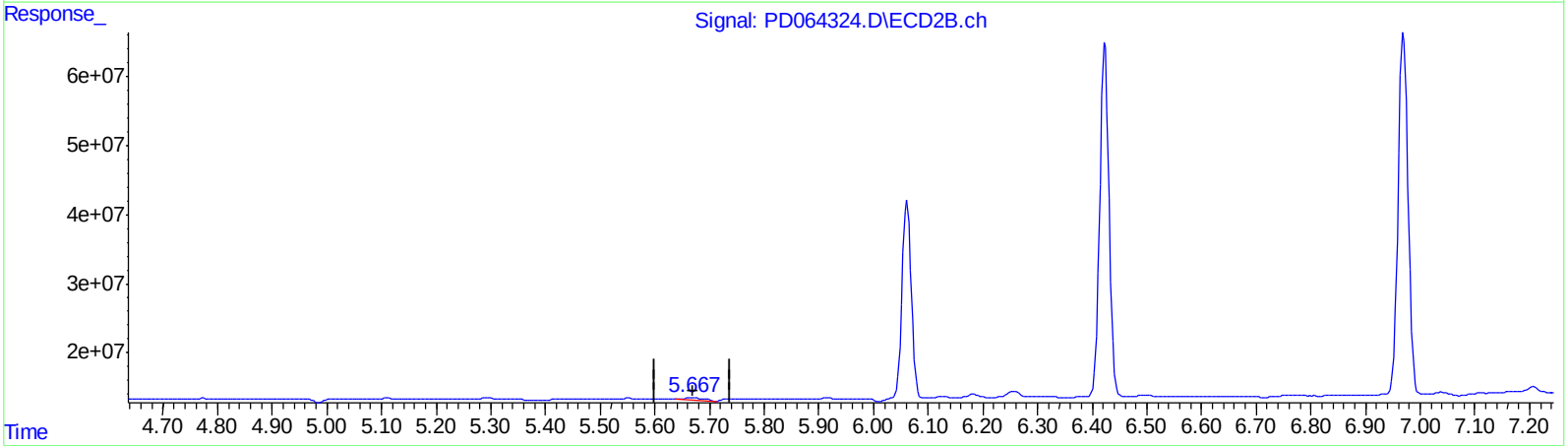
Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 05:08:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 14 06:42:28 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

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

0.000min 0.000 ng/ml

response 0

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

5.668min 1.120 ng/ml

response 9382500

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2021 10:05
Operator : AR\AJ
Sample : PEM54
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

Integration File signal 1: autoint1.e
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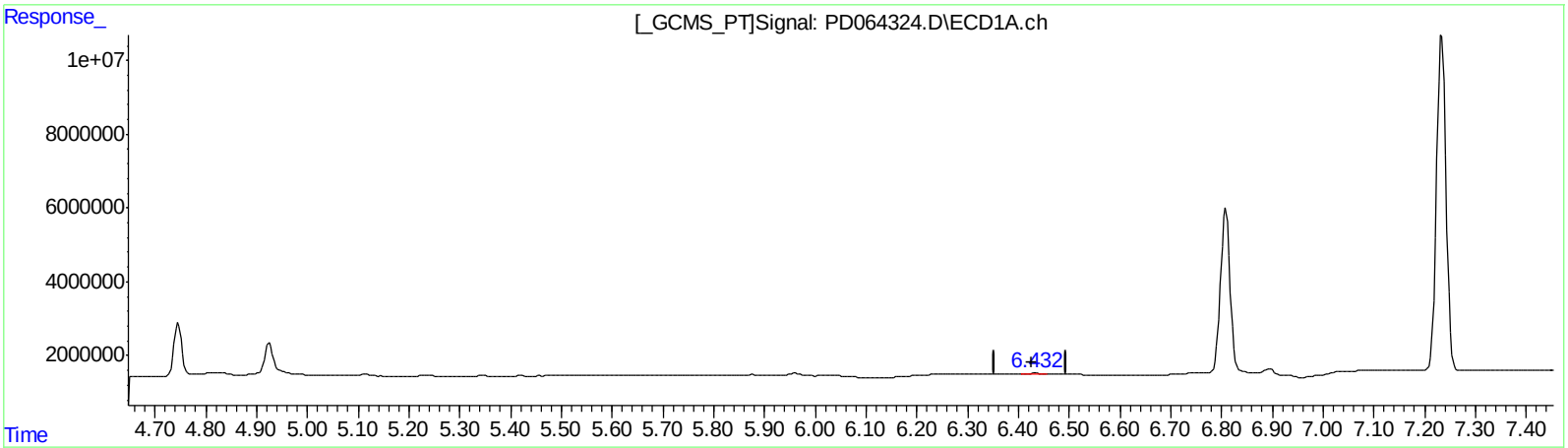
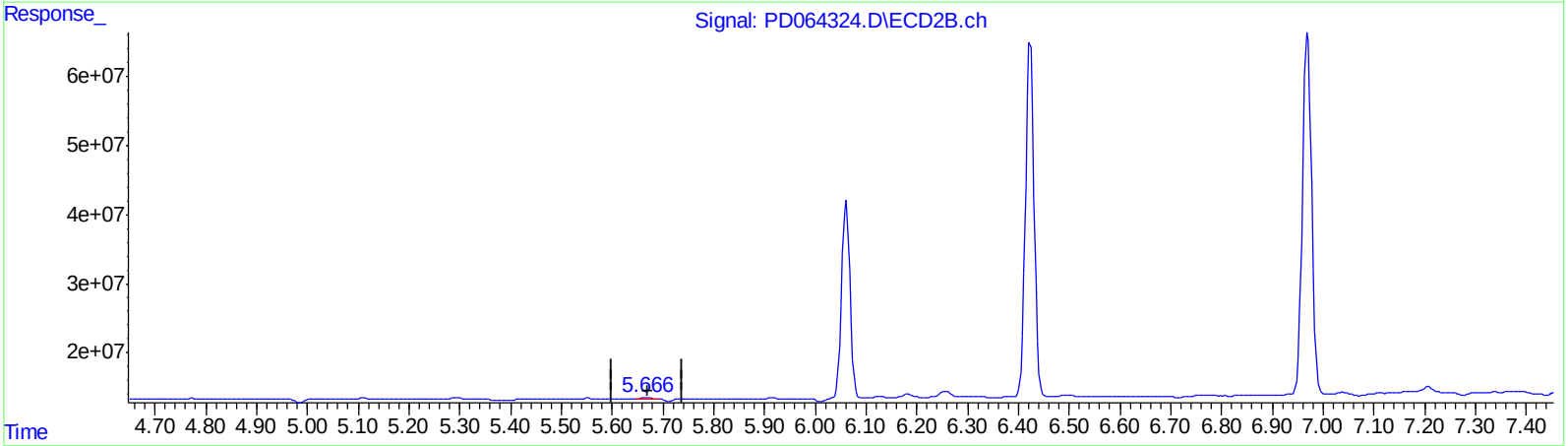




QEdit

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

6.432min 0.211 ng/ml m

response 292159

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

5.666min 0.226 ng/ml m

response 1892785

(+) = Expected Retention Time

Quantitation Report (Qedit)

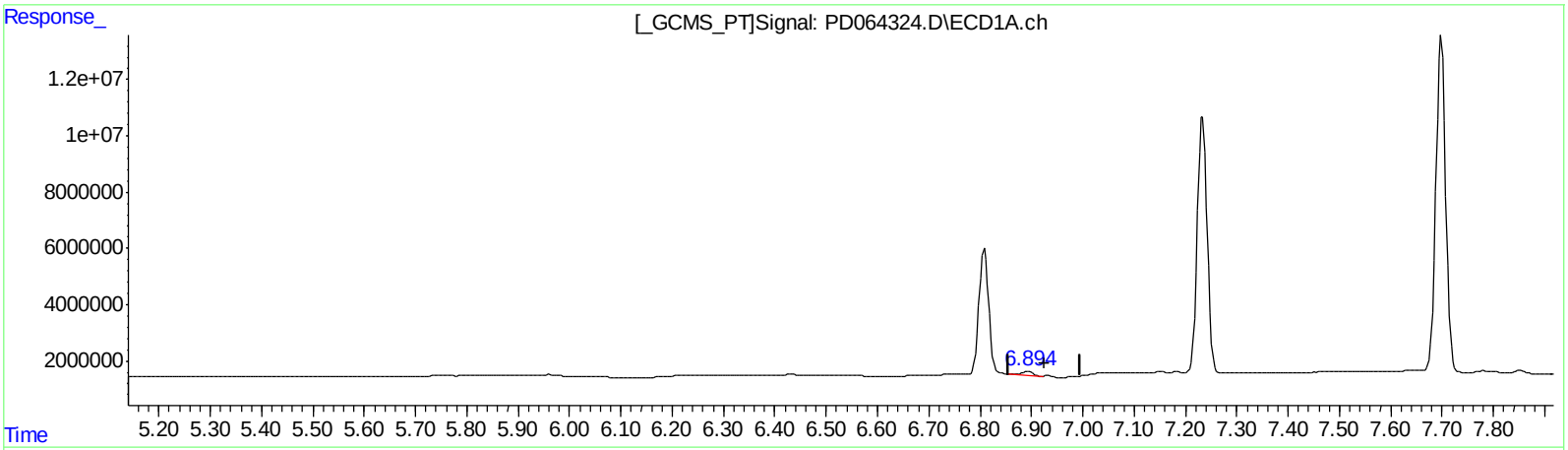
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 19 Jul 2021 10:05
Operator : AR\AJ
Sample   : PEM54
Misc   :
ALS Vial : 3   Sample Multiplier: 1

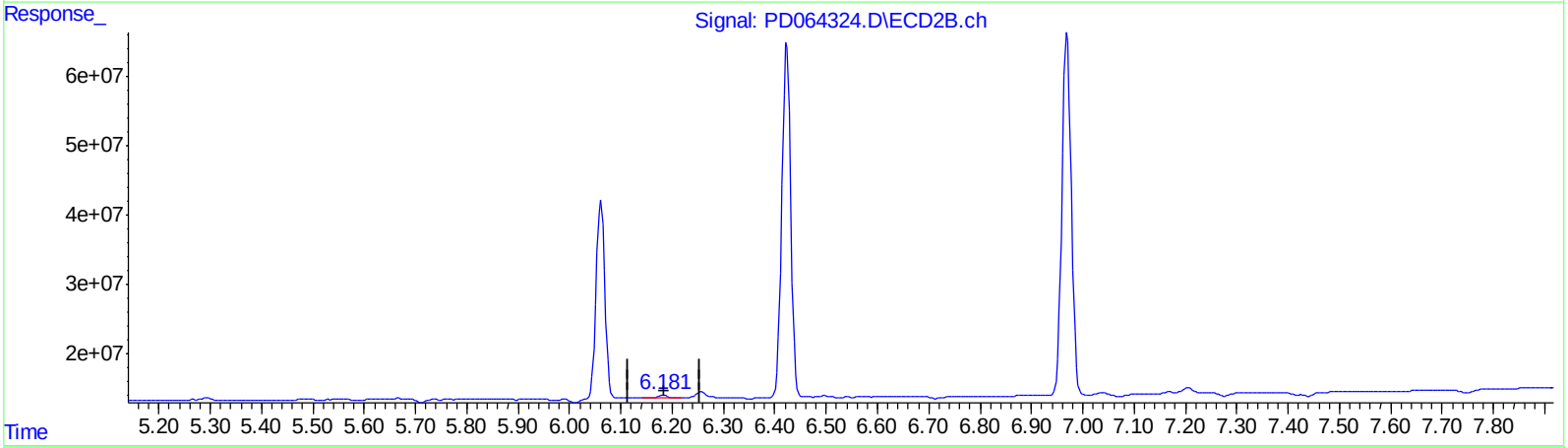
Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 05:08:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 14 06:42:28 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

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

6.894min 1.747 ng/ml

response 1989461

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

6.183min 0.813 ng/ml

response 5468410

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2021 10:05
Operator : AR\AJ
Sample : PEM54
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 05:08:31 2021
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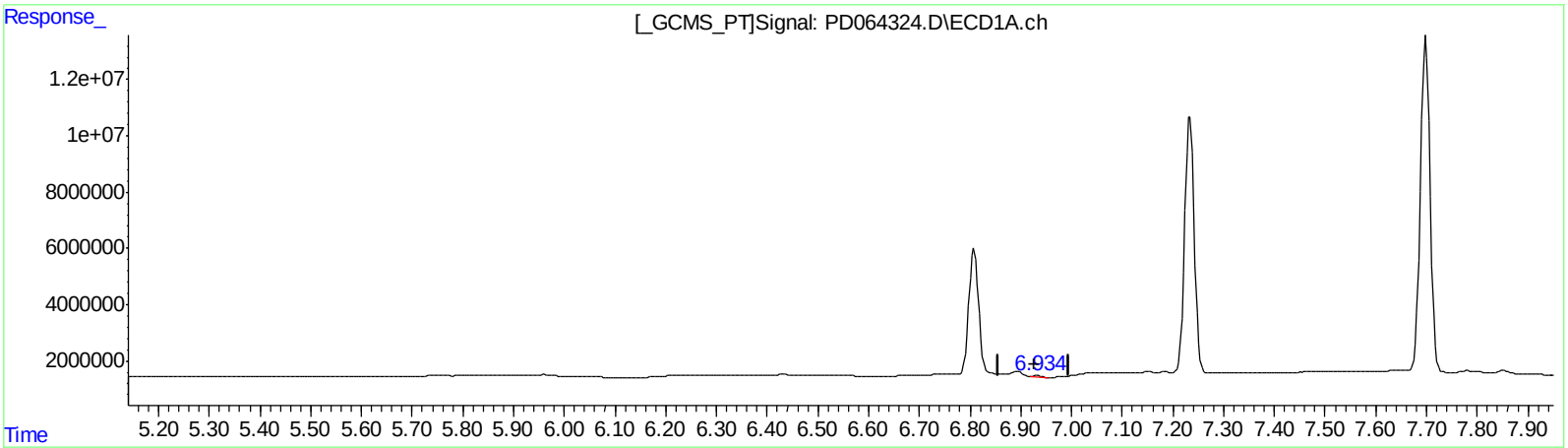
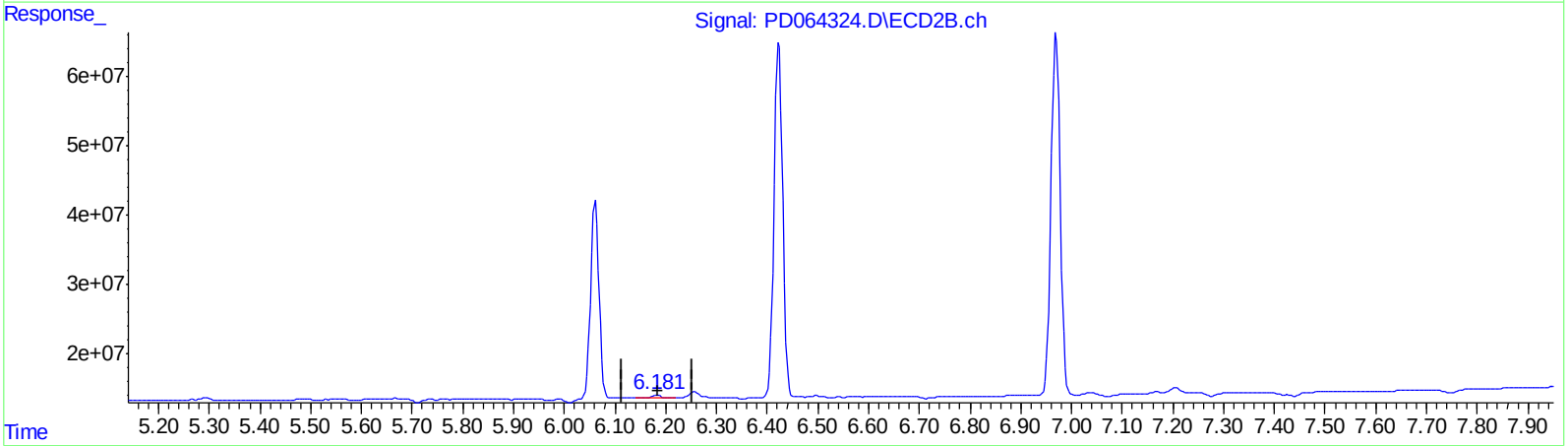
Quant Title : GC Extractables
QLast Update : Wed Jul 14 06:42:28 2021
Response via : Initial Calibration
Integrator: ChemStation

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

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

6.934min 0.316 ng/ml m

response 359456

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

6.183min 0.813 ng/ml

response 5468410

(+) = Expected Retention Time

Quantitation Report (Qedit)

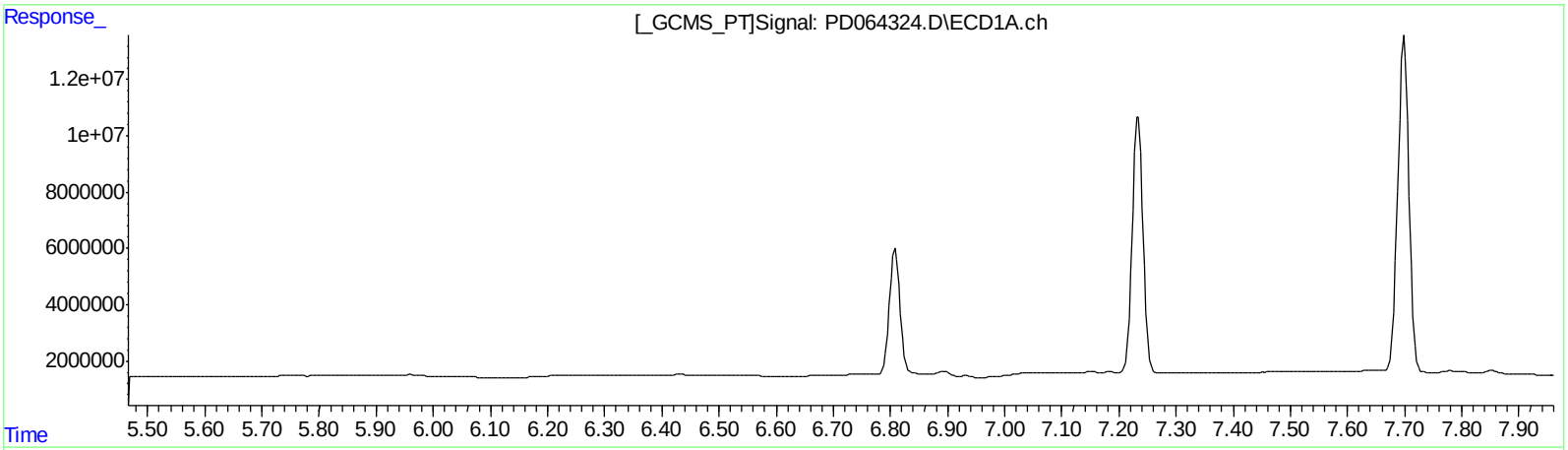
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2021 10:05
Operator : AR\AJ
Sample : PEM54
Misc :
ALS Vial : 3 Sample Multiplier: 1

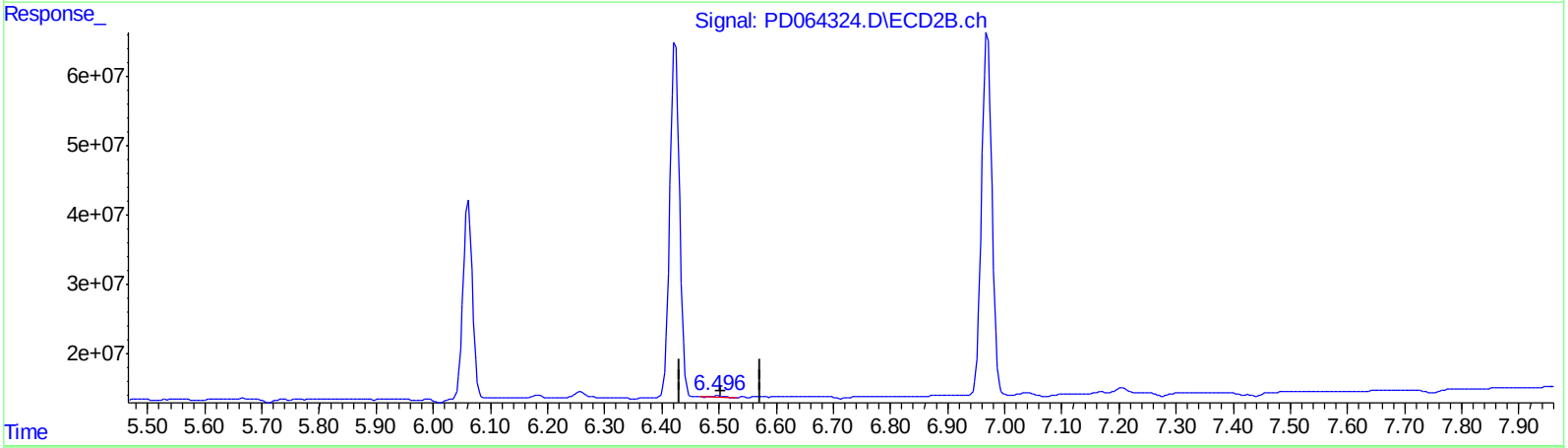
Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 05:08:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 14 06:42:28 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

(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

6.497min 0.448 ng/ml

response 2482925

(+) = Expected Retention Time

Quantitation Report (Qedit)

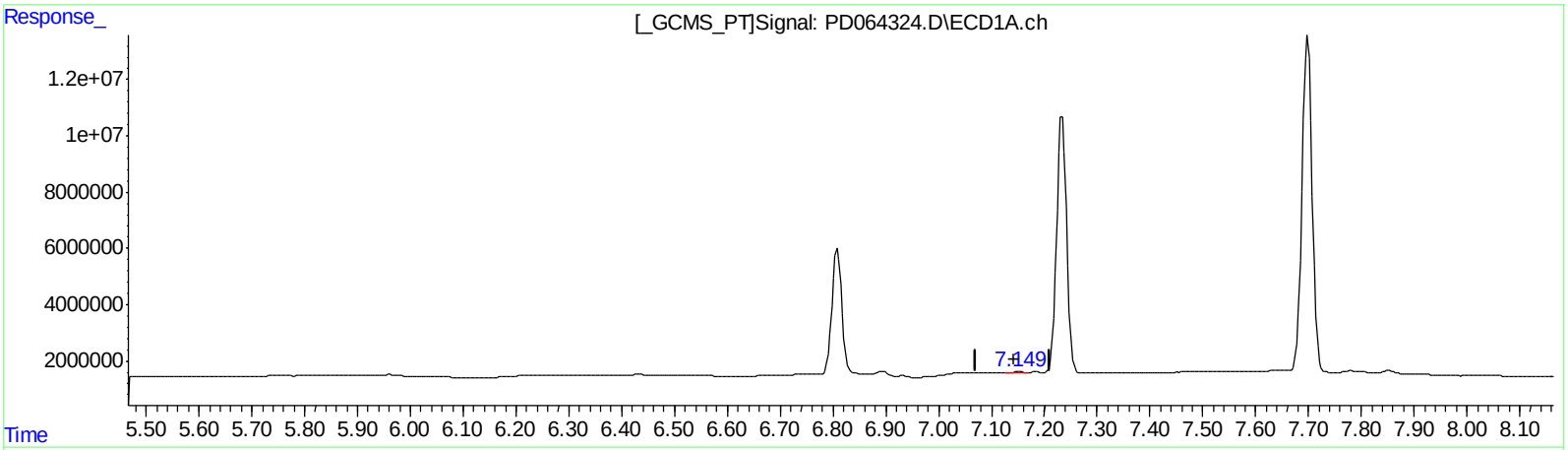
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2021 10:05
Operator : AR\AJ
Sample : PEM54
Misc :
ALS Vial : 3 Sample Multiplier: 1

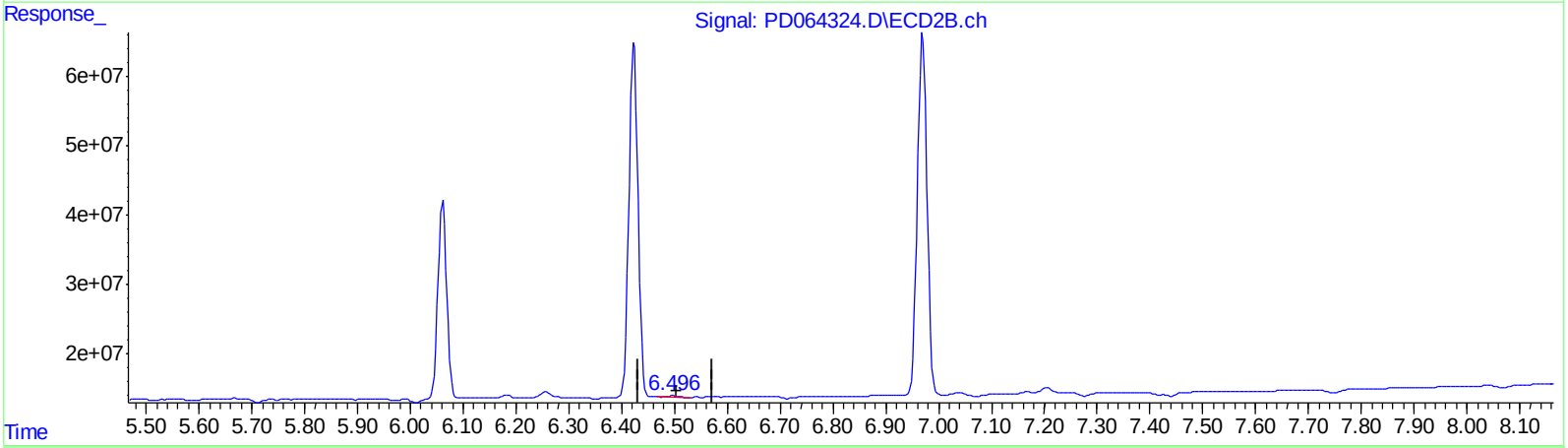
Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 05:08:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 14 06:42:28 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

(18) Endrin aldehyde (B)

7.149min 0.254 ng/ml m

response 260977

(18) Endrin aldehyde #2 (B)

6.497min 0.448 ng/ml

response 2482925

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2021 10:05
Operator : AR\AJ
Sample : PEM54
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

Integration File signal 1: autoint1.e
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Quant Time: Jul 20 05:08:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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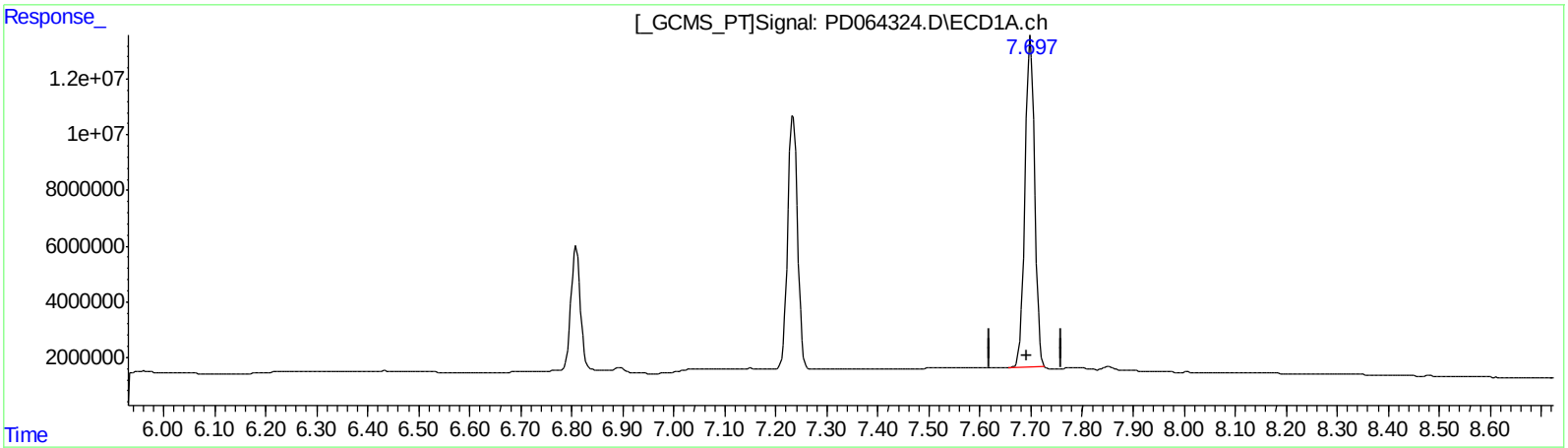

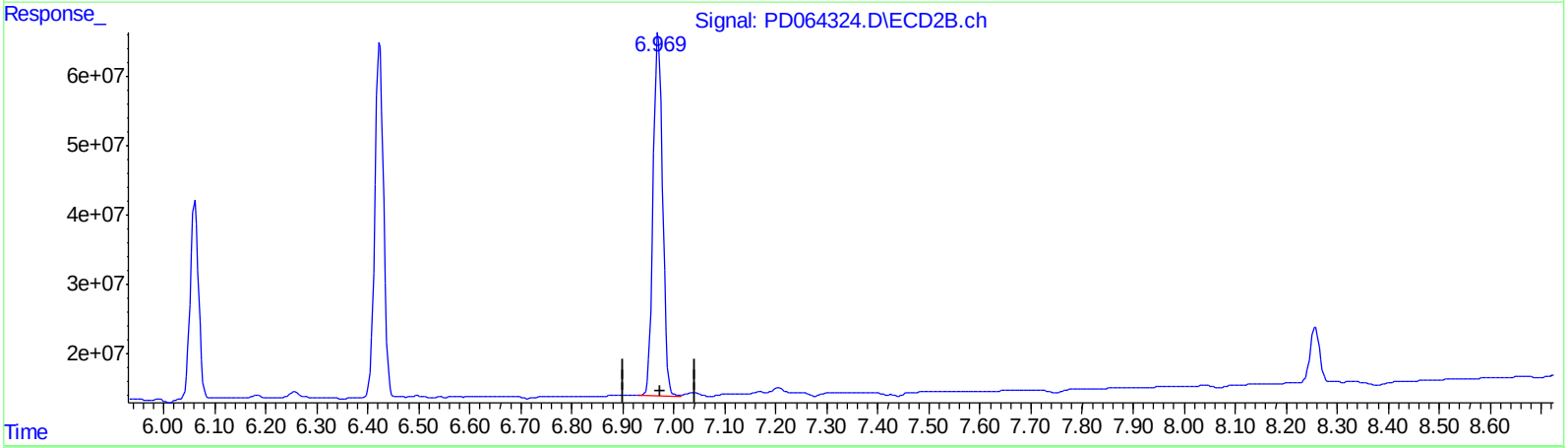

QEdit

(20) Methoxychlor (A)

7.699min 244.945 ng/ml

response 157166993

(20) Methoxychlor #2 (A)

6.970min 217.185 ng/ml

response 670187637

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 19 Jul 2021 10:05
Operator : AR\AJ
Sample   : PEM54
Misc   :
ALS Vial : 3   Sample Multiplier: 1

Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

Integration File signal 1: autoint1.e
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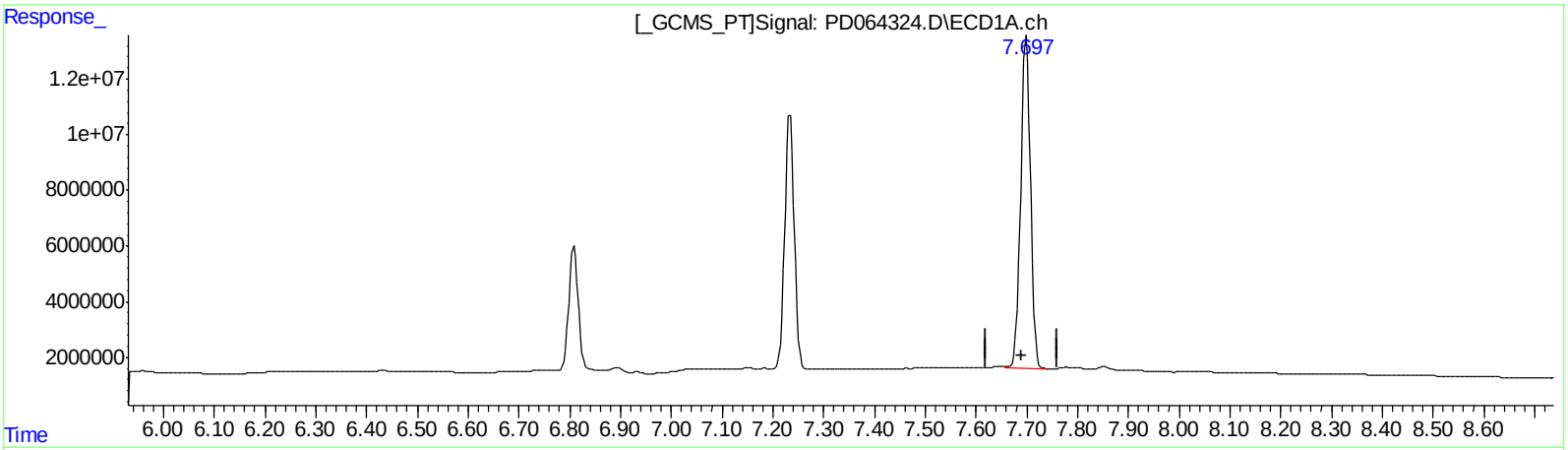

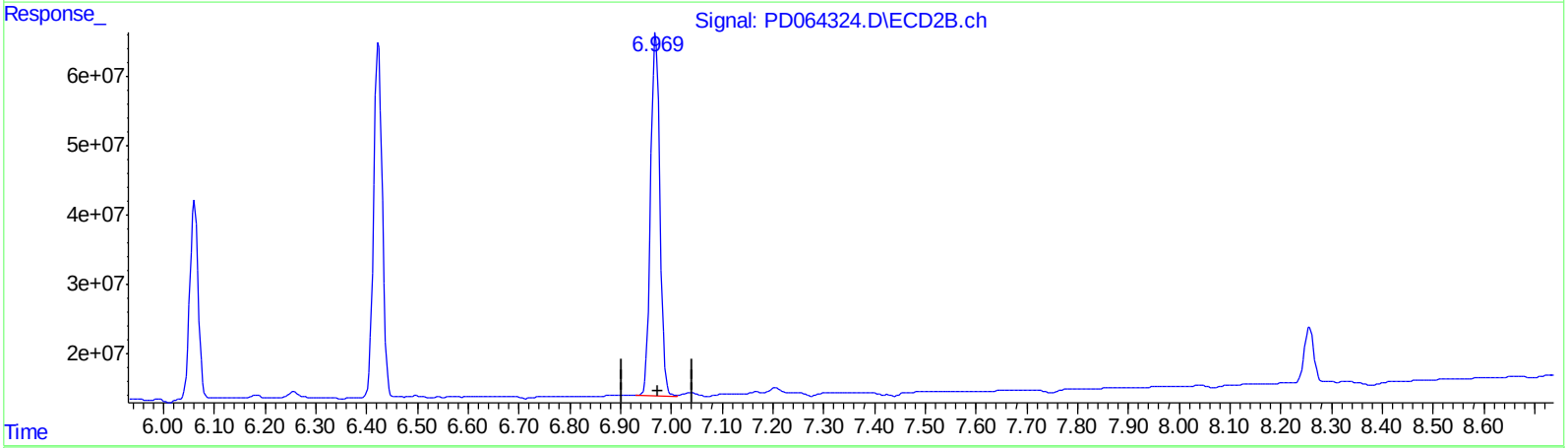

QEdit

(20) Methoxychlor (A)

7.697min 248.195 ng/ml m

response 159252376

(20) Methoxychlor #2 (A)

6.970min 217.185 ng/ml

response 670187637

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
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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...	4.053	3.511	22787541	198.1E6	17.031	19.828
27)	SA Decachlor...	9.219	8.257	25943077	105.6E6	24.190	20.224
	Target Compounds						
2)	A alpha-BHC	4.454	3.951	16137968	143.4E6	8.668	10.726
3)	MA gamma-BHC...	4.746	4.234	15183403	128.8E6	8.528	10.590
6)	B beta-BHC	4.925	4.479	9434067	58244631	11.242	10.718
12)	B 4,4'-DDE	6.432	5.666	292159	1892785	0.211m	0.226m
14)	MA Endrin	6.808	6.062	58229304	337.3E6	49.319	46.271
16)	A 4,4'-DDD	6.934	6.183	359456	5468410	0.316m	0.813 #
17)	MA 4,4'-DDT	7.234	6.423	120.0E6	614.7E6	103.919	87.795
18)	B Endrin al...	7.149	6.497	260977	2482925	0.254m	0.448 #
20)	A Methoxychlor	7.697	6.970	159.3E6	670.2E6	248.195m	217.185
21)	B Endrin ke...	7.852	7.206	1608130	8979336	1.210	1.325

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

Instrument :
ECD_D
LabSampleId :
PEM54

Manual Integrations APPROVED
mohammad
7/20/2021 10:19:46 AM

AJ
07/22/21