Quantitation Report (Qedit)

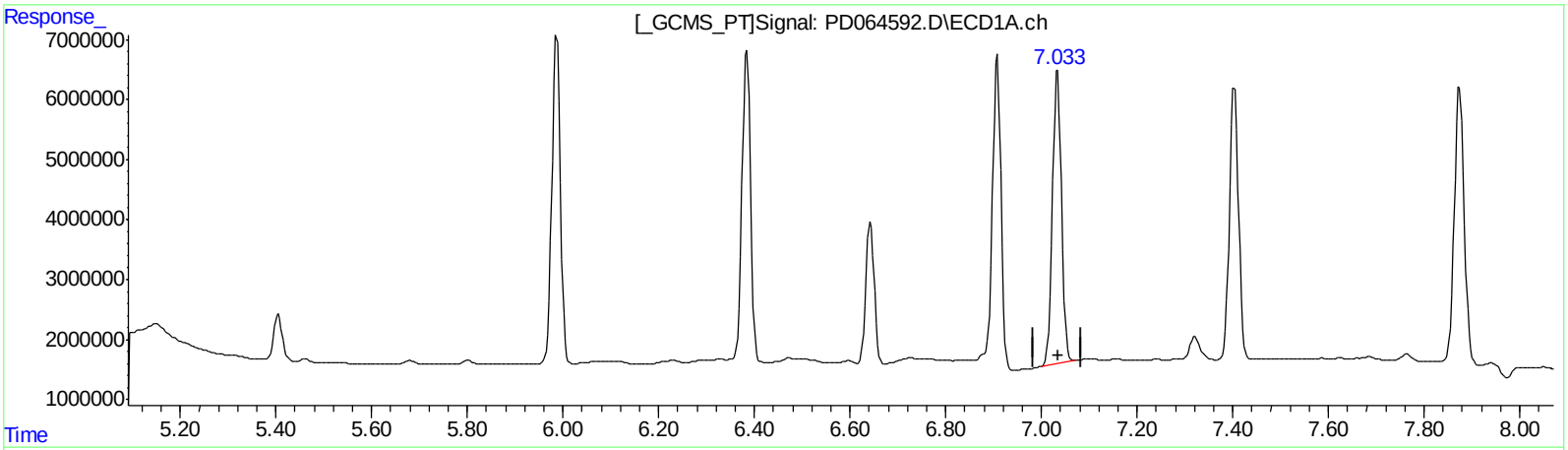
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 22:58
Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

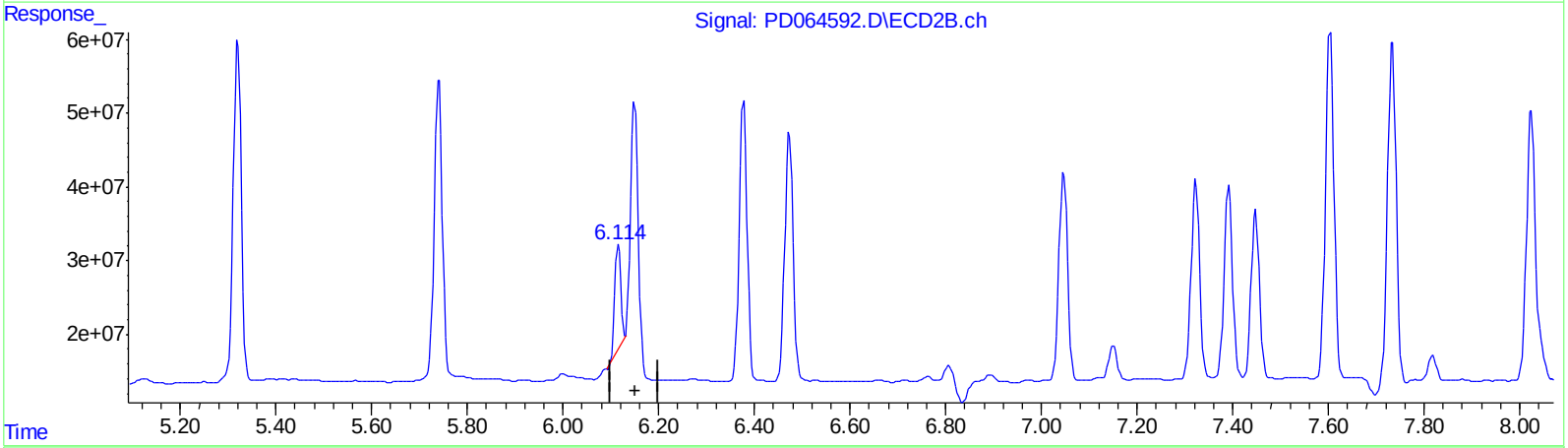
Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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)

7.034min 38.083 ng/ml

response 64002088

(4) Heptachlor #2 (MA)

6.116min 11.072 ng/ml

response 125528498

(+) = Expected Retention Time

Quantitation Report (Qedit)

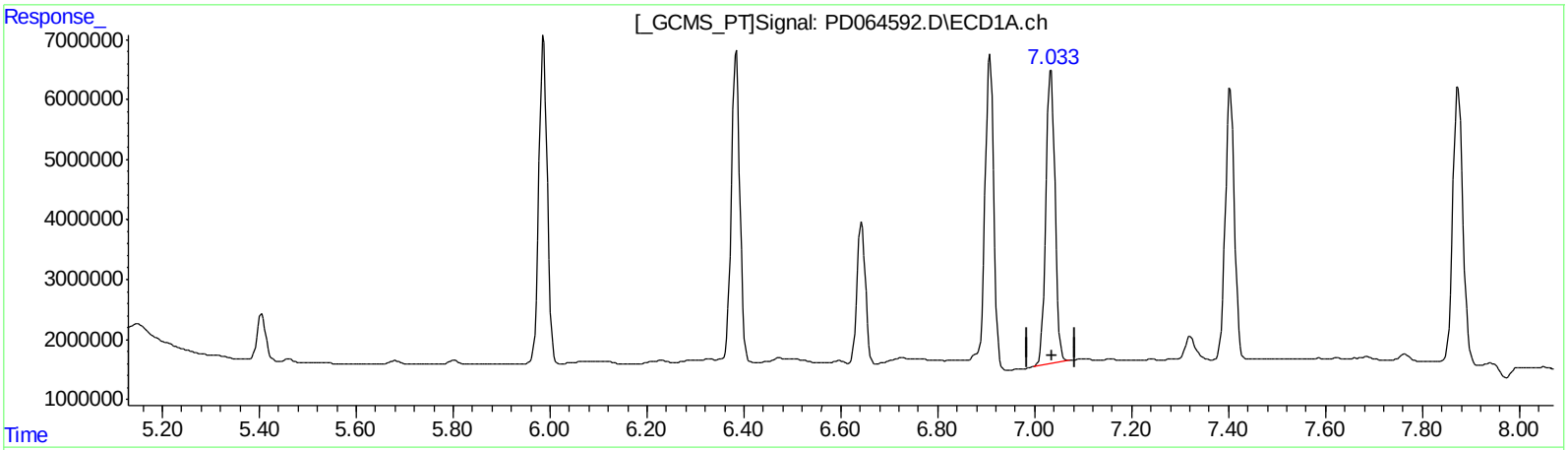
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 30 Jul 2021 22:58
Operator : AR\AJ
Sample   : M3106-13MS
Misc   :
ALS Vial : 27   Sample Multiplier: 1

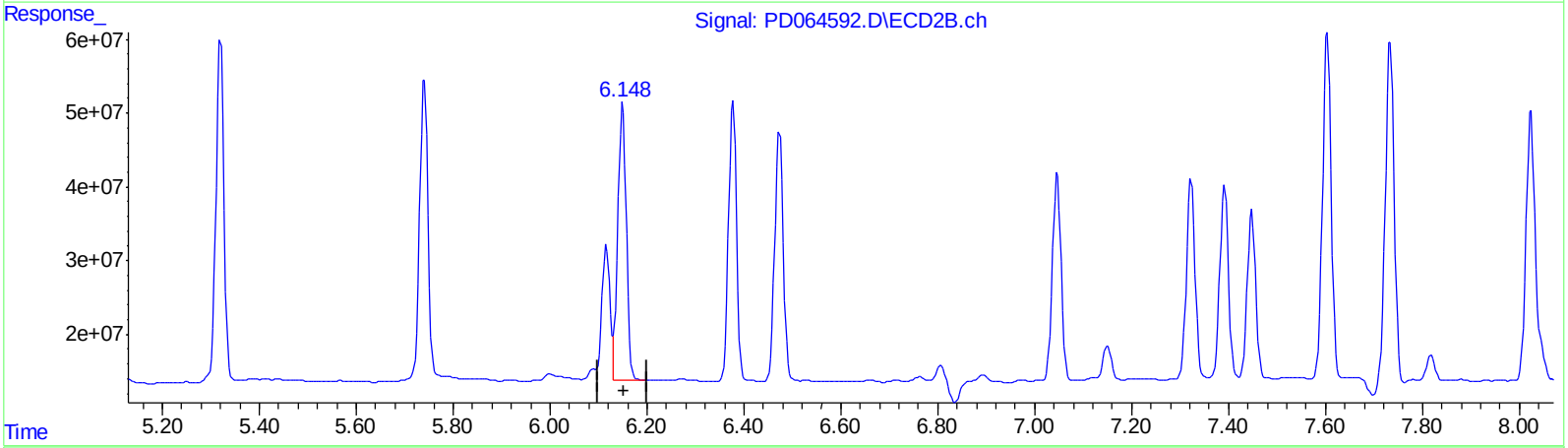
Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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)

7.034min 38.083 ng/ml

response 64002088

(4) Heptachlor #2 (MA)

6.148min 41.122 ng/ml m

response 466242561

(+) = Expected Retention Time

Quantitation Report (Qedit)

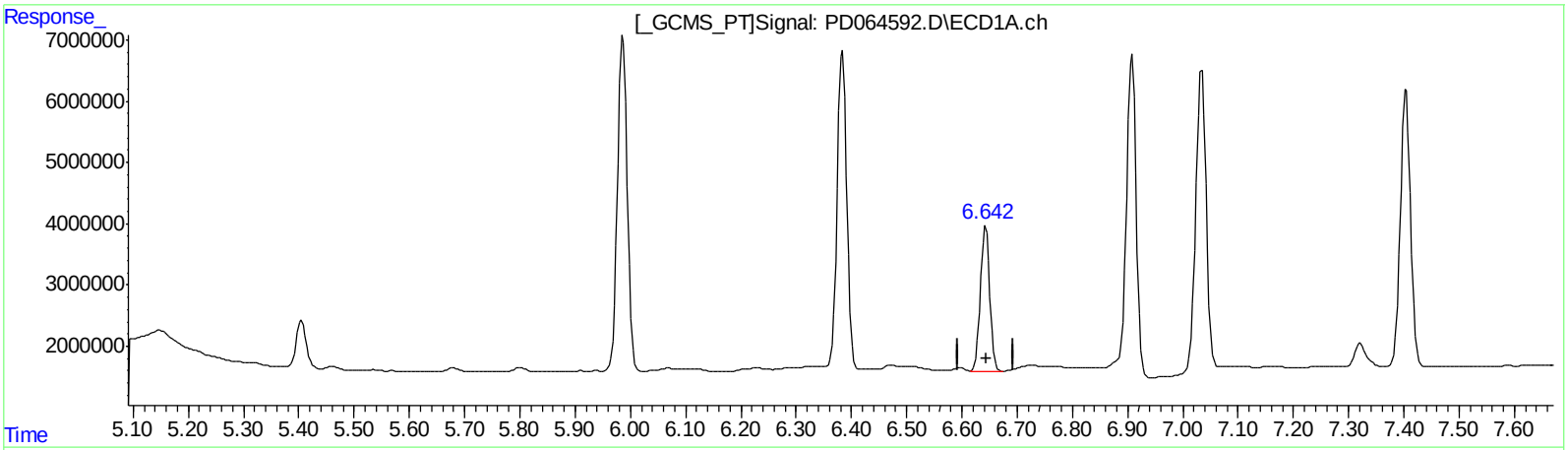
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 22:58
Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

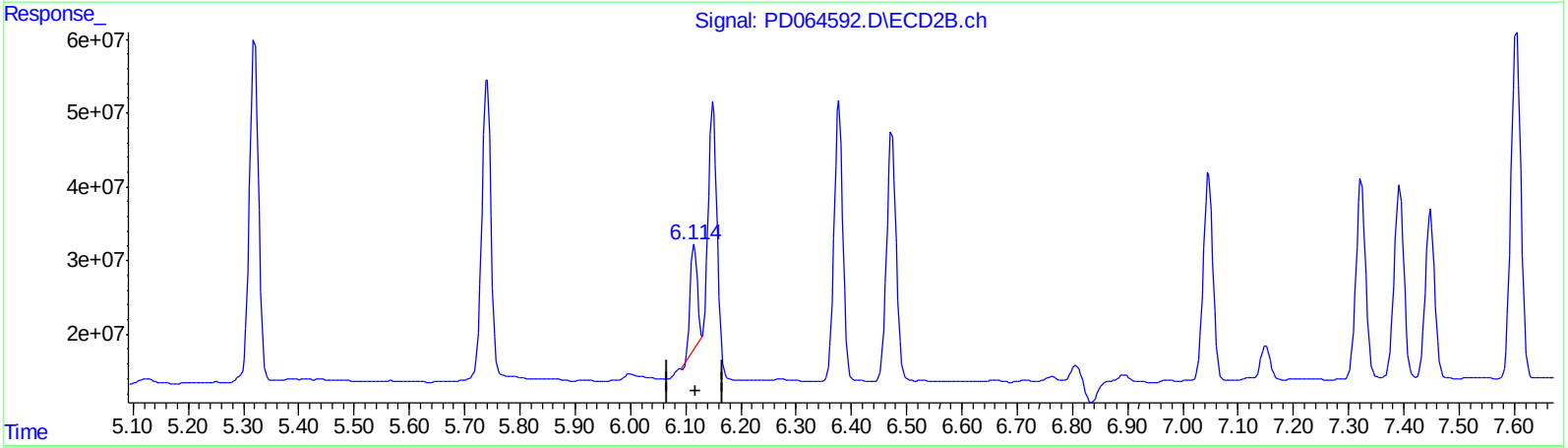
Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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

(6) beta-BHC (B)

6.643min 36.365 ng/ml

response 28370498

(6) beta-BHC #2 (B)

6.116min 20.691 ng/ml

response 125528498

(+) = Expected Retention Time

Quantitation Report (Qedit)

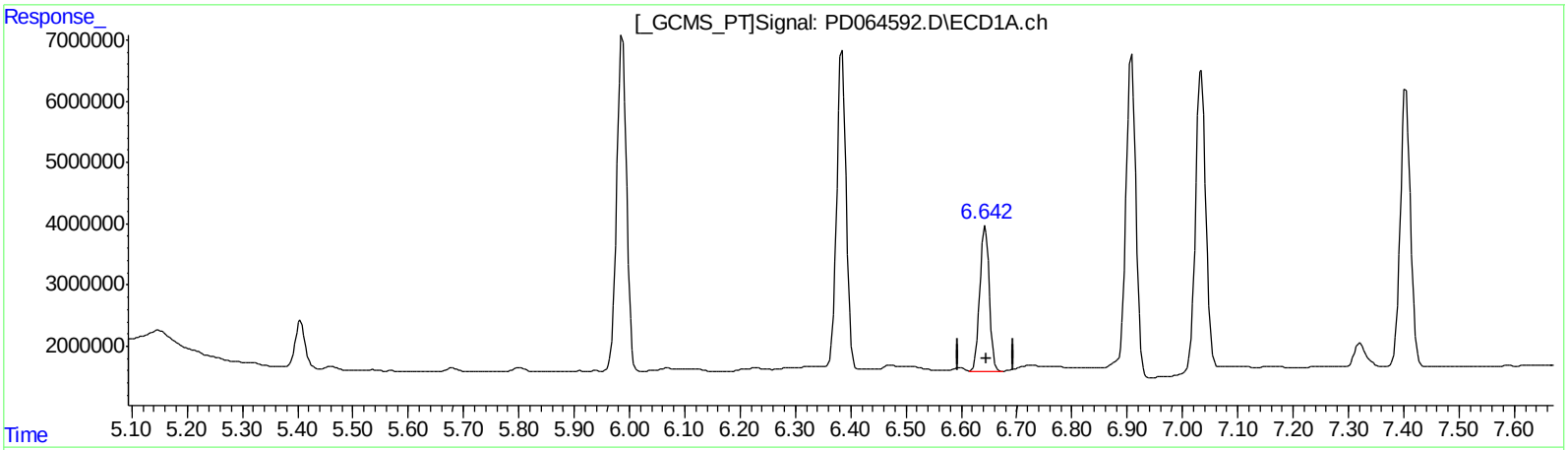
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 22:58
Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

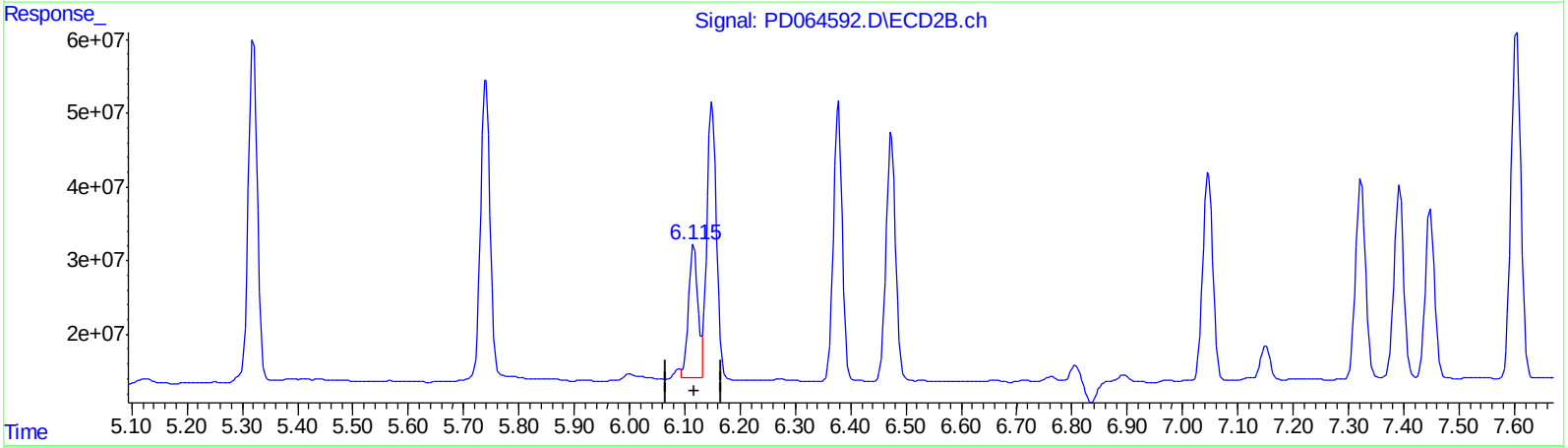
Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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

(6) beta-BHC (B)

6.643min 36.365 ng/ml

response 28370498

(6) beta-BHC #2 (B)

6.115min 32.426 ng/ml m

response 196724756

(+) = Expected Retention Time

Quantitation Report (Qedit)

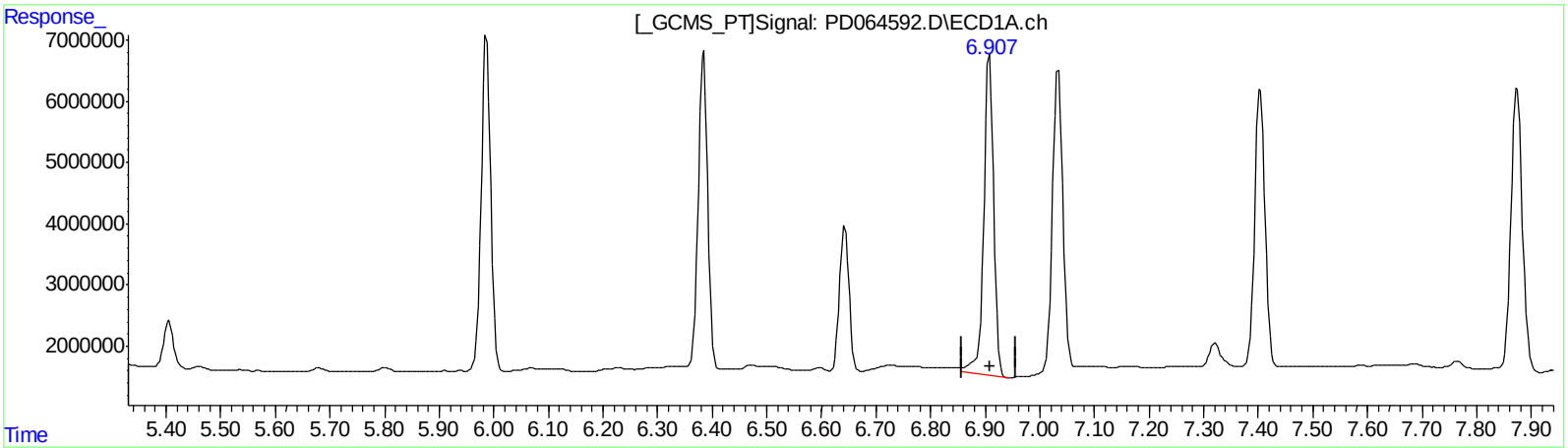
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 22:58
Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

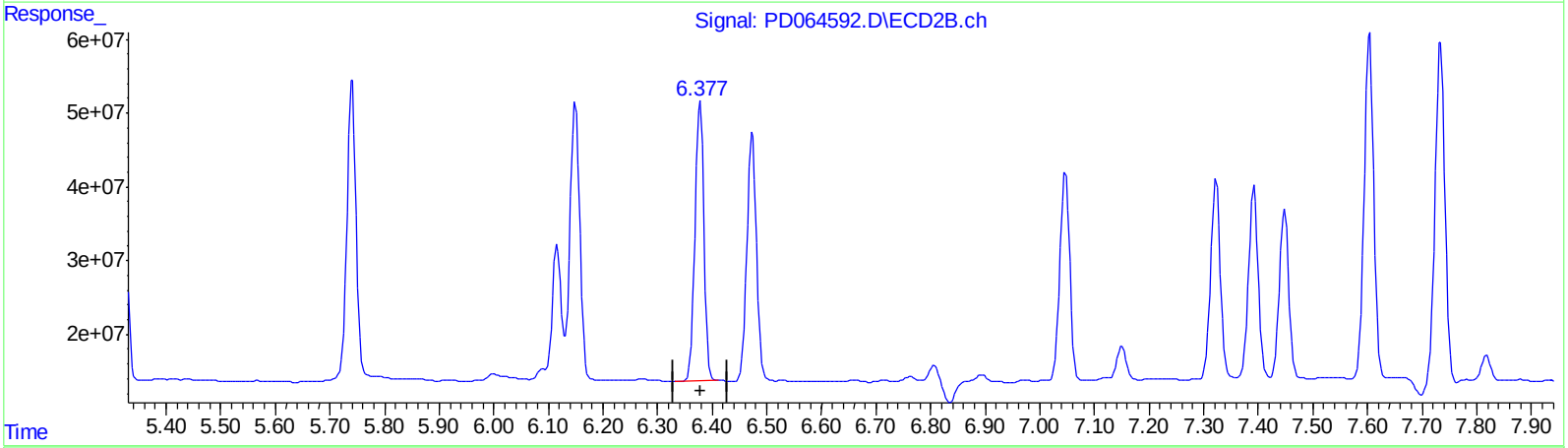
Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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

(7) delta-BHC (B)

6.908min 38.085 ng/ml

response 66274025

(7) delta-BHC #2 (B)

6.378min 39.575 ng/ml

response 429932357

(+) = Expected Retention Time

Quantitation Report (Qedit)

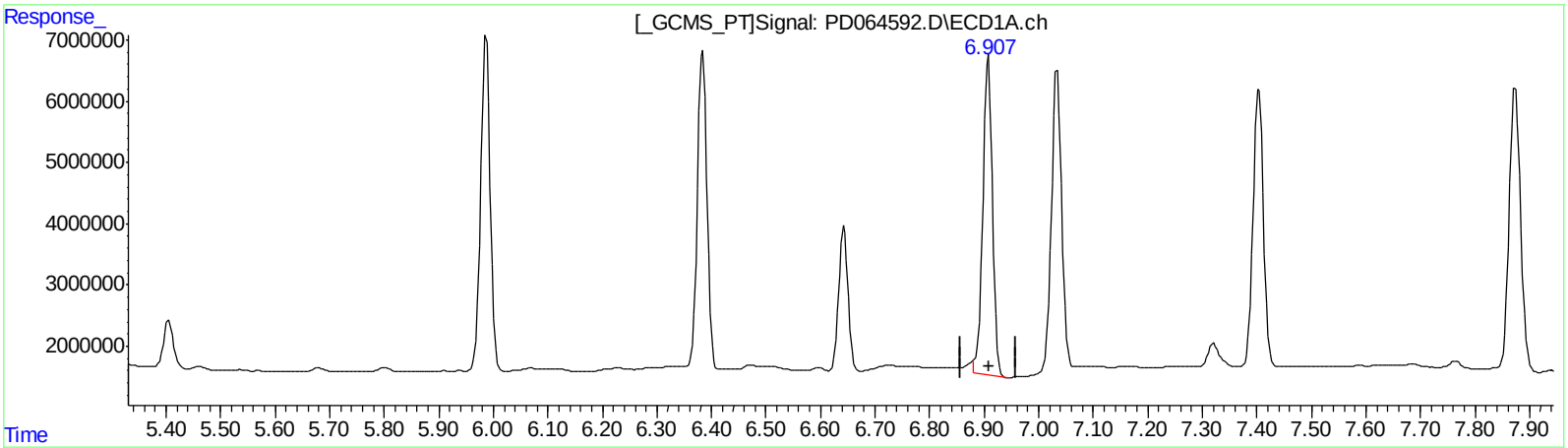
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 30 Jul 2021 22:58
Operator : AR\AJ
Sample   : M3106-13MS
Misc   :
ALS Vial : 27   Sample Multiplier: 1

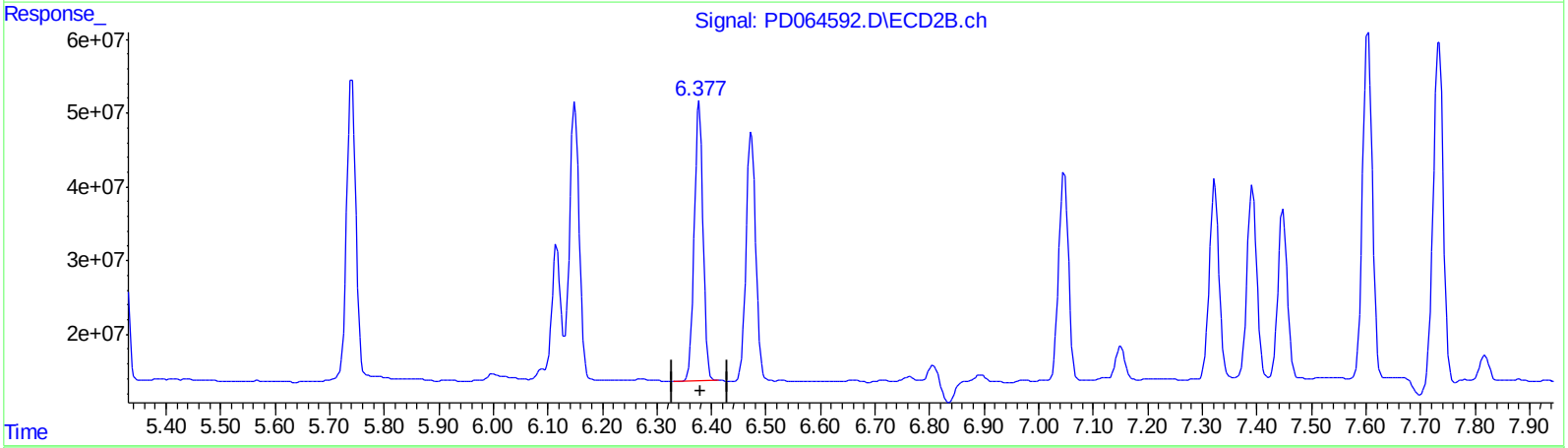
Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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

(7) delta-BHC (B)

6.907min 37.143 ng/ml m

response 64635408

(7) delta-BHC #2 (B)

6.378min 39.575 ng/ml

response 429932357

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 22:58
Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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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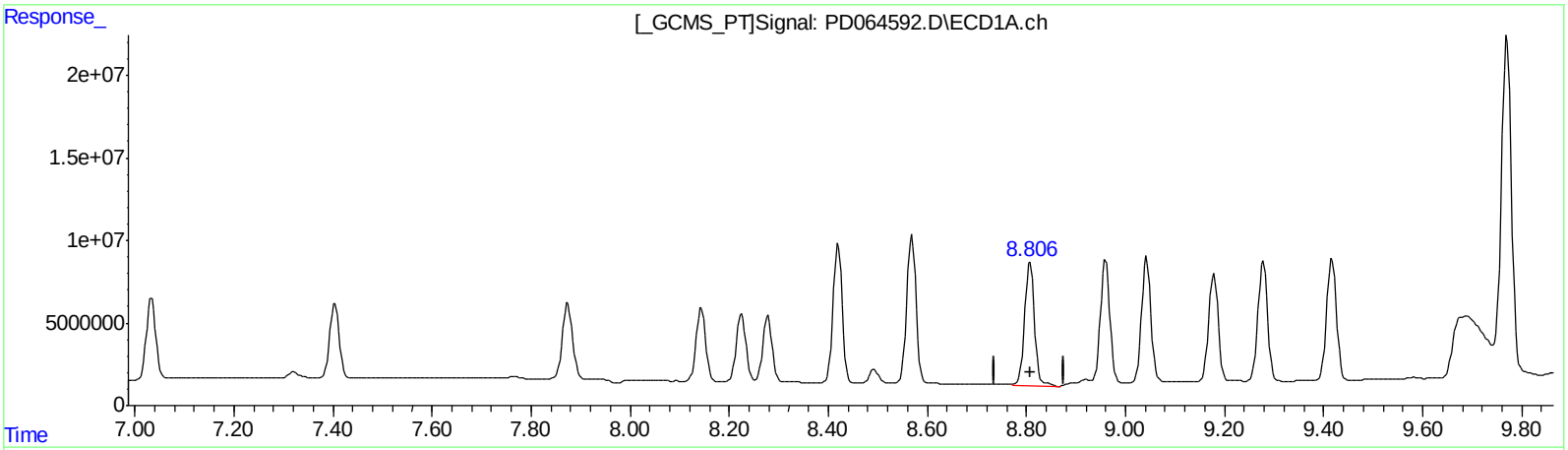
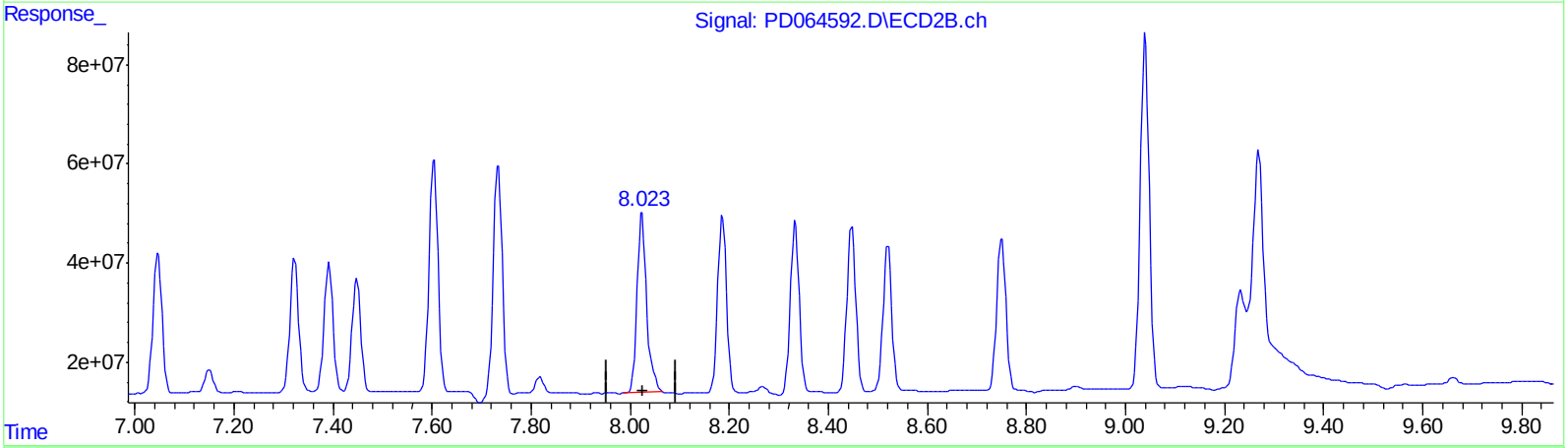
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(14) Endrin (MA)

8.807min 80.816 ng/ml

response 103476224

(14) Endrin #2 (MA)

8.024min 86.960 ng/ml

response 499544652

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 22:58
Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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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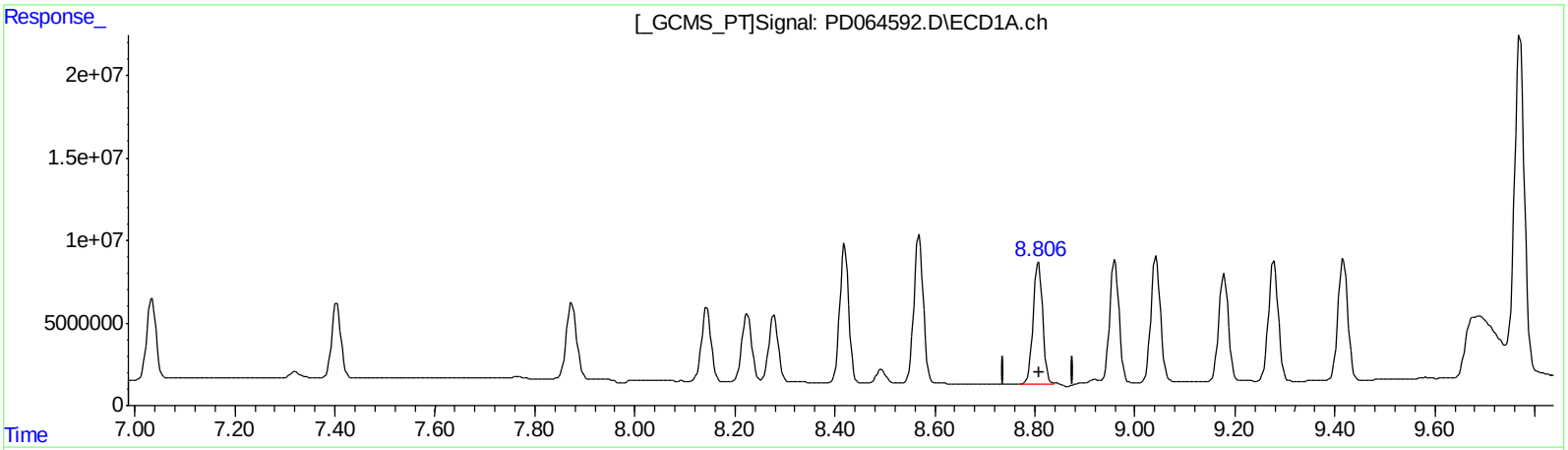
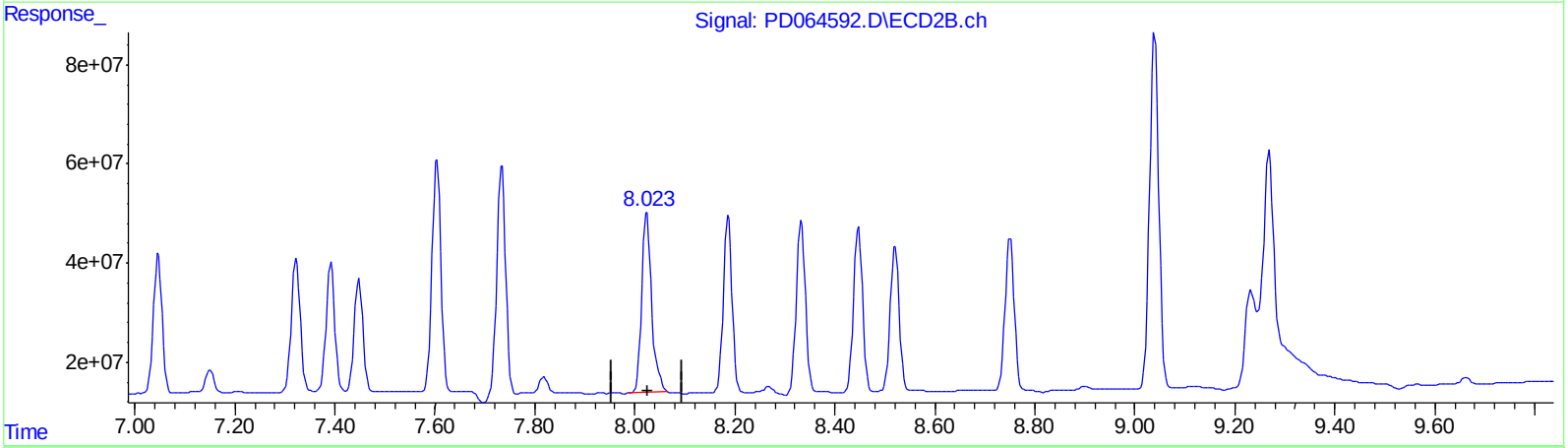
Integrator: ChemStation

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

(14) Endrin (MA)

8.806min 75.743 ng/ml m

response 96981042

(14) Endrin #2 (MA)

8.024min 86.960 ng/ml

response 499544652

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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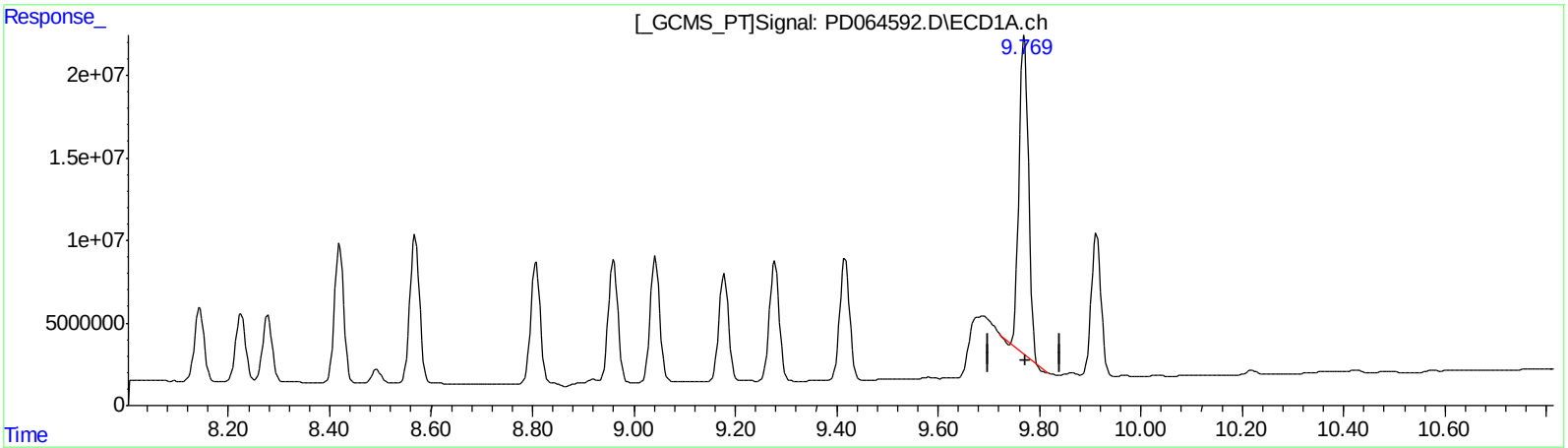
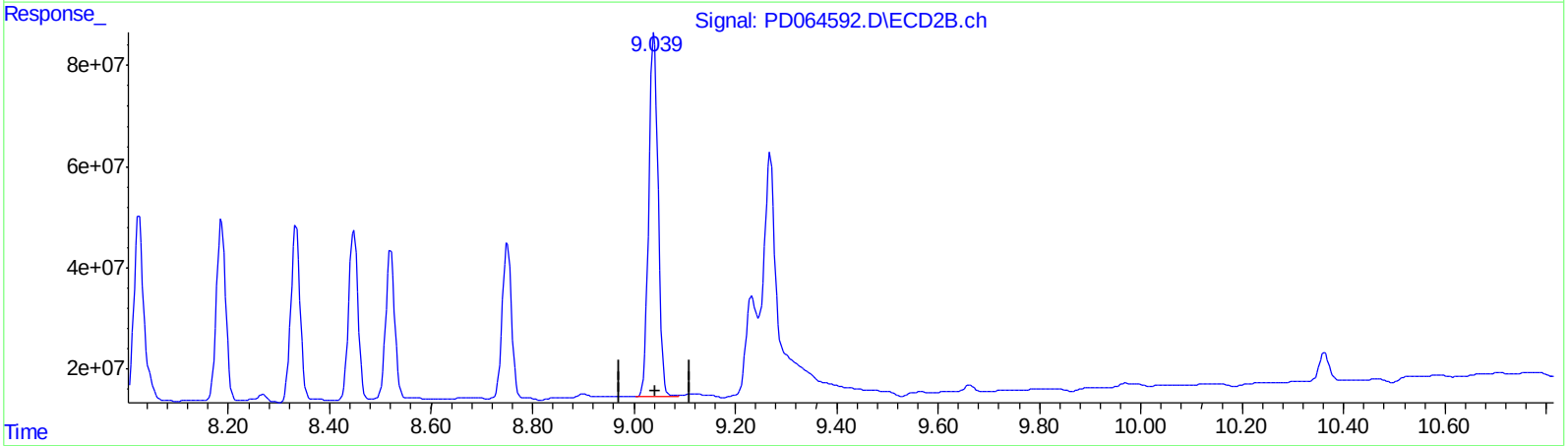
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(20) Methoxychlor (A)

9.770min 347.281 ng/ml

response 248501420

(20) Methoxychlor #2 (A)

9.040min 362.923 ng/ml

response 929301091

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

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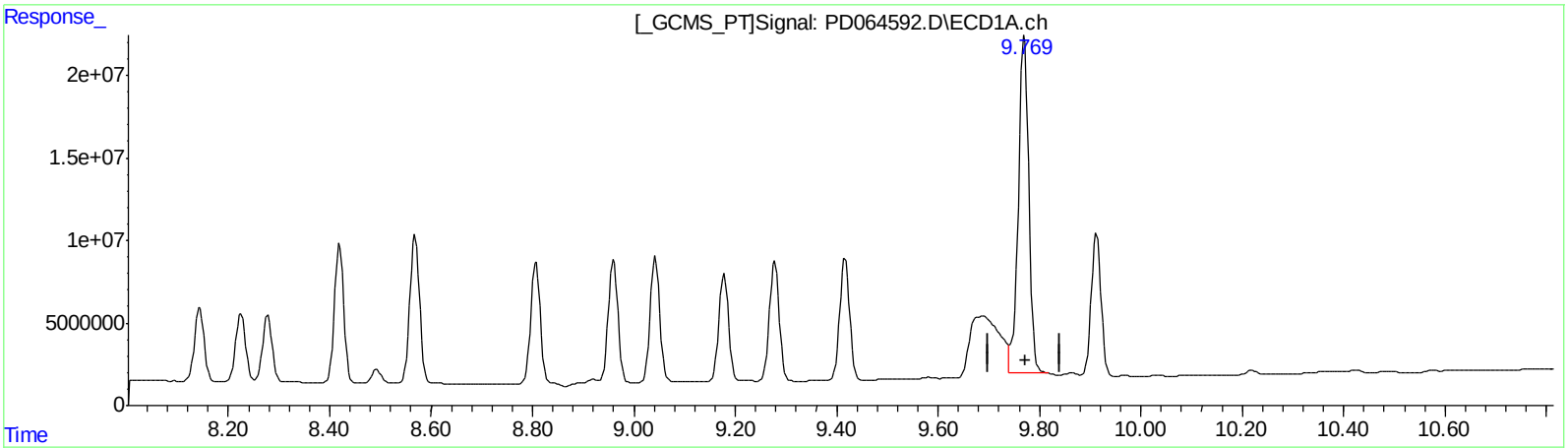

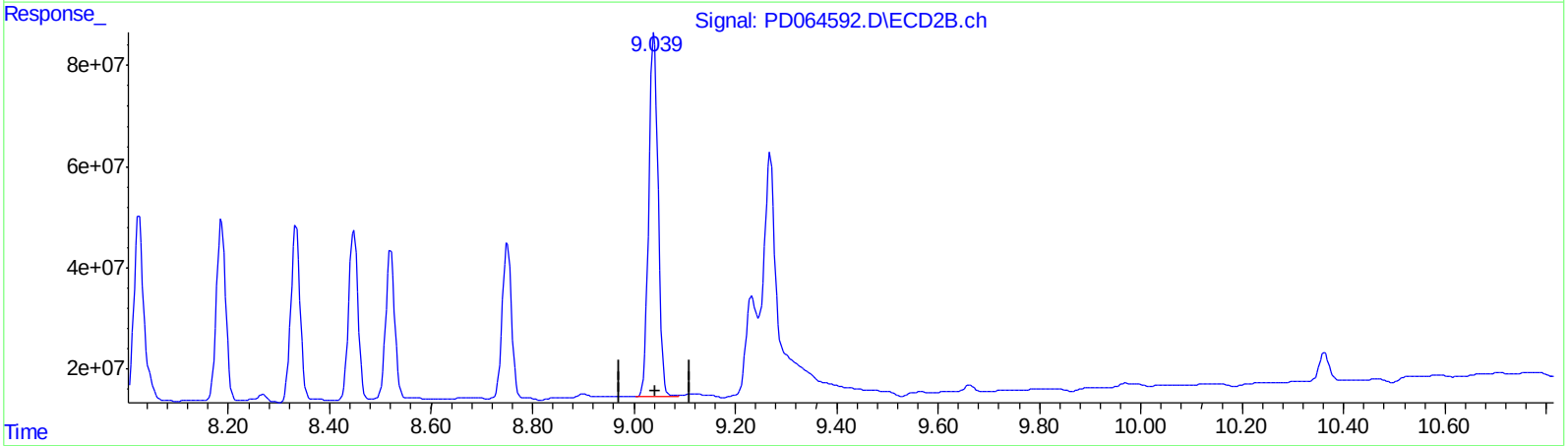

QEdit

(20) Methoxychlor (A)

9.769min 410.142 ng/ml m

response 293482102

(20) Methoxychlor #2 (A)

9.040min 362.923 ng/ml

response 929301091

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 2021
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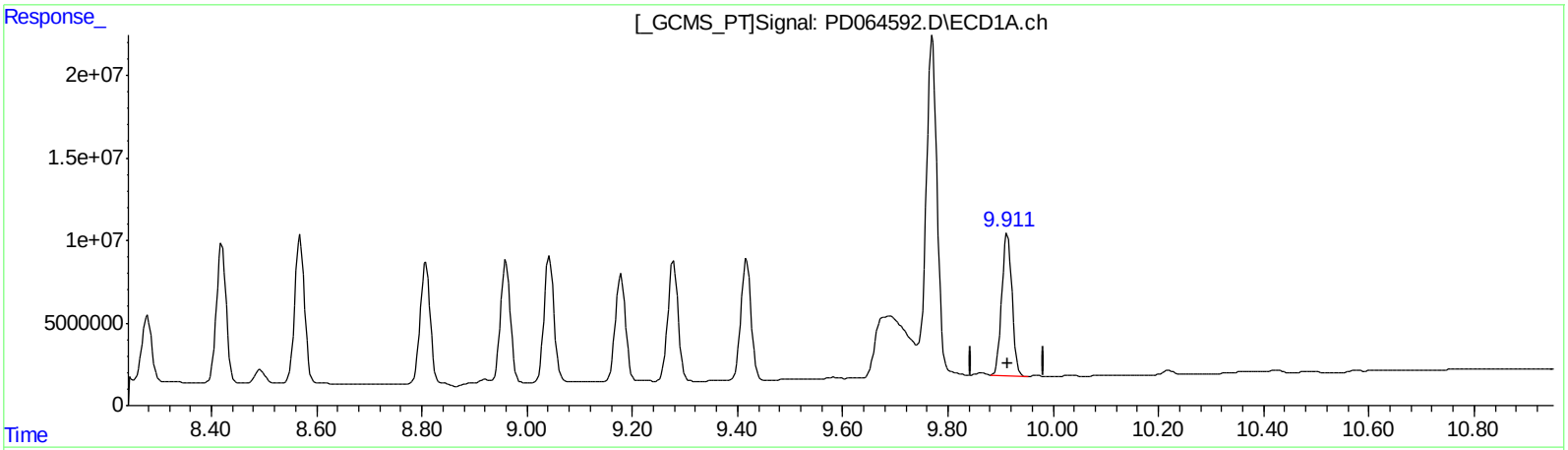

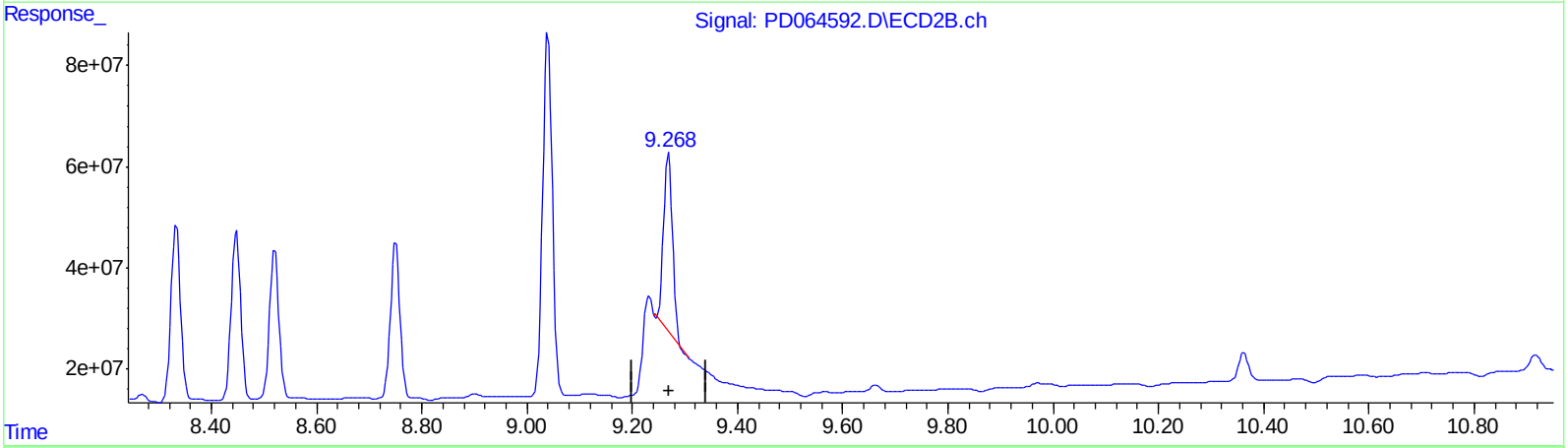

QEdit

(21) Endrin ketone (B)

9.913min 76.799 ng/ml

response 116188902

(21) Endrin ketone #2 (B)

9.269min 66.435 ng/ml

response 398503686

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 22:58
Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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
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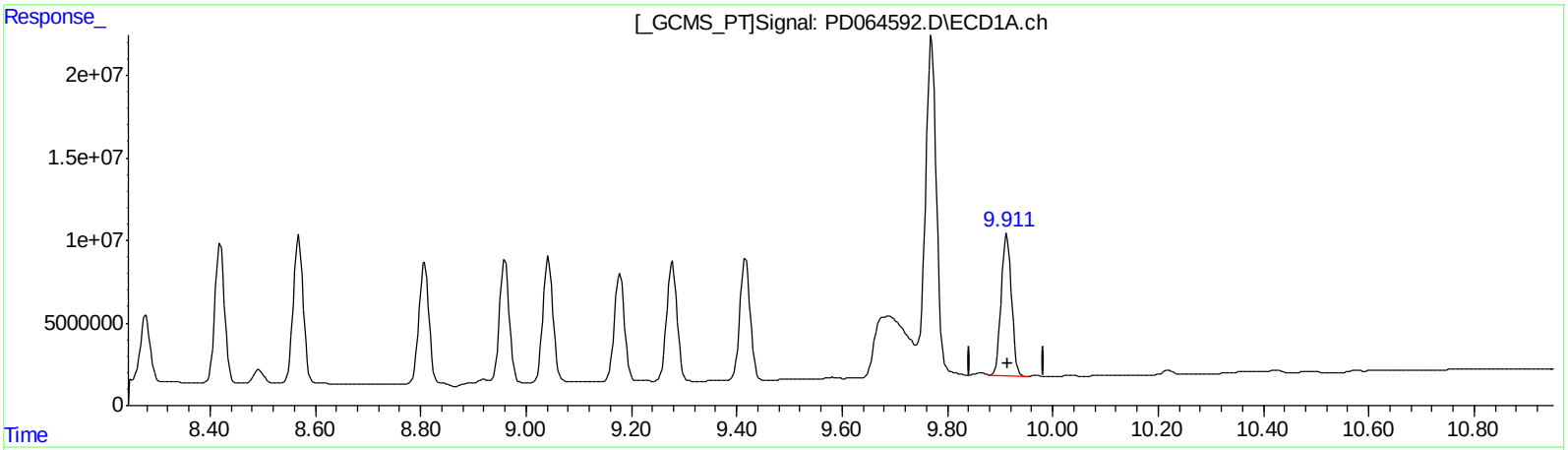

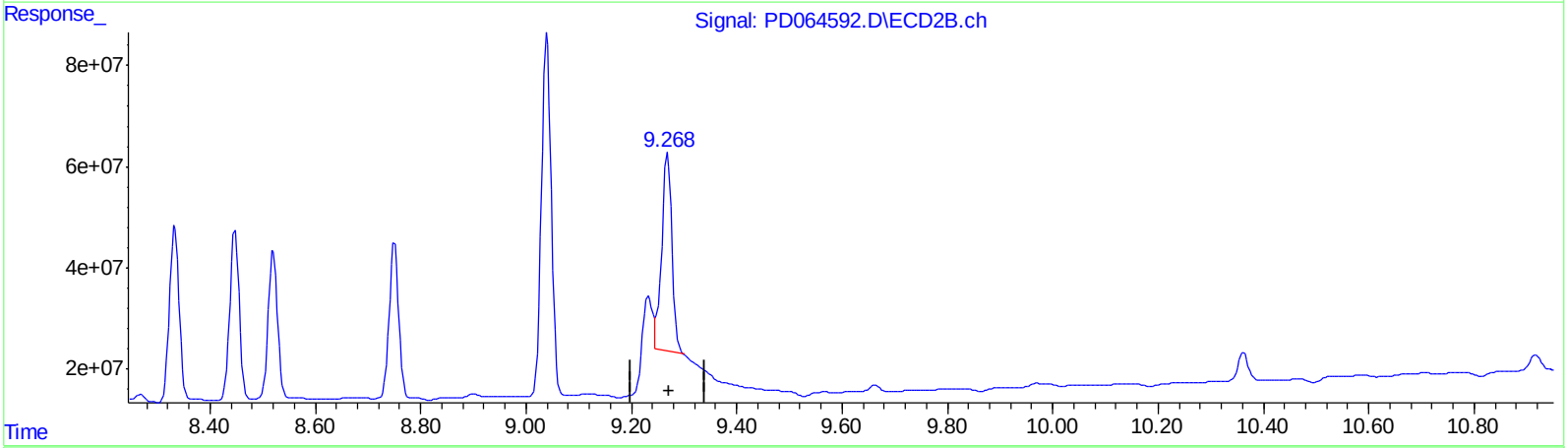

QEdit

(21) Endrin ketone (B)

9.913min 76.799 ng/ml

response 116188902

(21) Endrin ketone #2 (B)

9.268min 86.896 ng/ml m

response 521239443

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 22:58
Operator : AR\AJ
Sample : M3106-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : BGEN1MS

Manual Integrations APPROVED
mohammad
8/2/2021 12:37:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:24:01 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...	5.405	4.618	9706977	81802077	8.137	8.952
27)	SA Decachlor...	11.303	10.362	13406262	74371729	10.184	12.506
	Target Compounds						
2)	A alpha-BHC	5.987	5.320	66823356	527.5E6	41.019	42.799
3)	MA gamma-BHC...	6.384	5.741	64271695	463.9E6	40.980	40.679
4)	MA Heptachlor	7.034	6.148	64002088	466.2E6	38.083	41.122m
5)	MB Aldrin	7.404	6.474	59487909	419.2E6	37.766	39.850
6)	B beta-BHC	6.643	6.115	28370498	196.7E6	36.365	32.426m
7)	B delta-BHC	6.907	6.378	64635408	429.9E6	37.143m	39.575
8)	B Heptachlo...	7.874	7.047	67788830	351.3E6	39.485	37.952
9)	A Endosulfan I	8.278	7.448	53181483	277.9E6	37.727	36.139
10)	B trans-Chl...	8.144	7.323	58900822	336.6E6	36.756	37.112
11)	B cis-Chlor...	8.225	7.392	56735862	323.9E6	36.413	36.415
12)	B 4,4'-DDE	8.420	7.604	108.3E6	577.9E6	75.135	76.595
13)	MA Dieldrin	8.569	7.734	117.2E6	633.5E6	78.580	78.873
14)	MA Endrin	8.806	8.024	96981042	499.5E6	75.743m	86.960
15)	B Endosulfa...	9.043	8.333	100.3E6	444.1E6	77.199	76.942
16)	A 4,4'-DDD	8.960	8.187	99303237	452.9E6	80.896	78.638
17)	MA 4,4'-DDT	9.278	8.448	98136411	413.3E6	75.174	75.092
18)	B Endrin al...	9.179	8.521	87366817	363.9E6	77.117	73.738
19)	B Endosulfa...	9.417	8.751	101.6E6	394.7E6	73.688	73.223
20)	A Methoxychlor	9.769	9.040	293.5E6	929.3E6	410.142m	362.923
21)	B Endrin ke...	9.913	9.268	116.2E6	521.2E6	76.799	86.896m

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

AJ
08/03/21