Quantitation Report (Qedit)

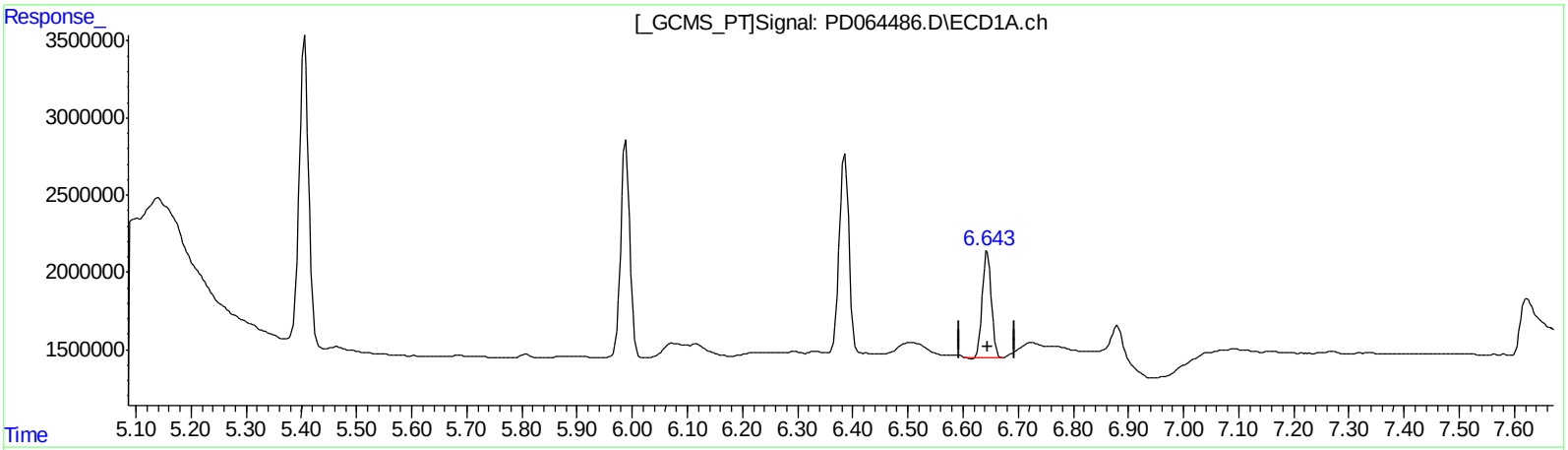
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 03:08
Operator : AR\AJ
Sample : PEM67
Misc :
ALS Vial : 3 Sample Multiplier: 1

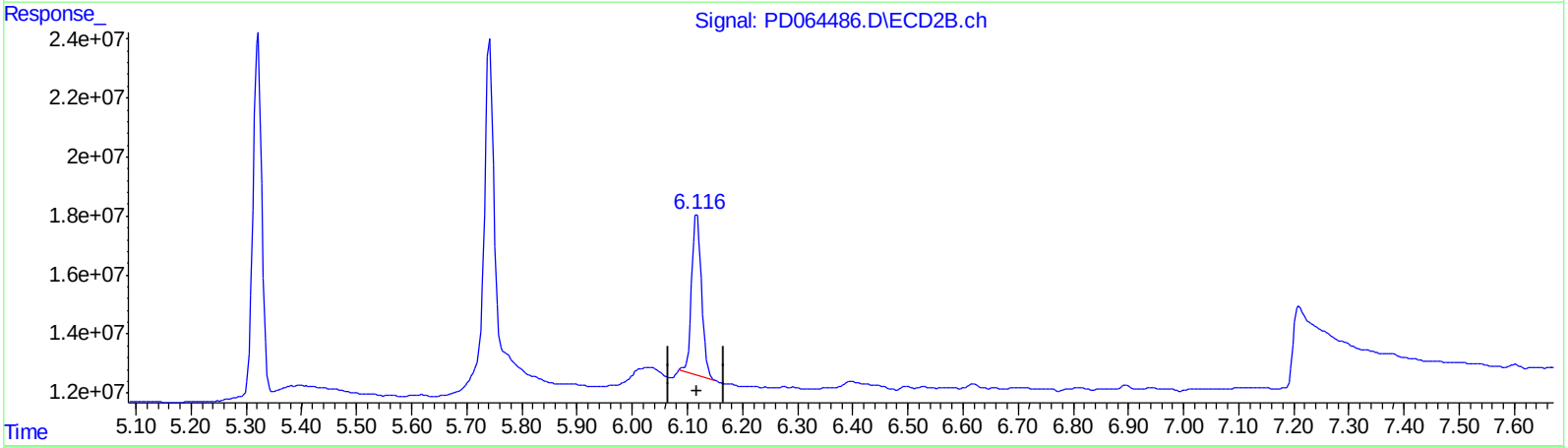
Instrument :
ECD_D
LabSampleId :
PEM67

Manual Integrations APPROVED
mohammad
7/30/2021 2:24:08 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 05:34:07 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)

6.644min 10.229 ng/ml

response 7980573

(6) beta-BHC #2 (B)

6.118min 11.014 ng/ml

response 66818580

(+) = Expected Retention Time

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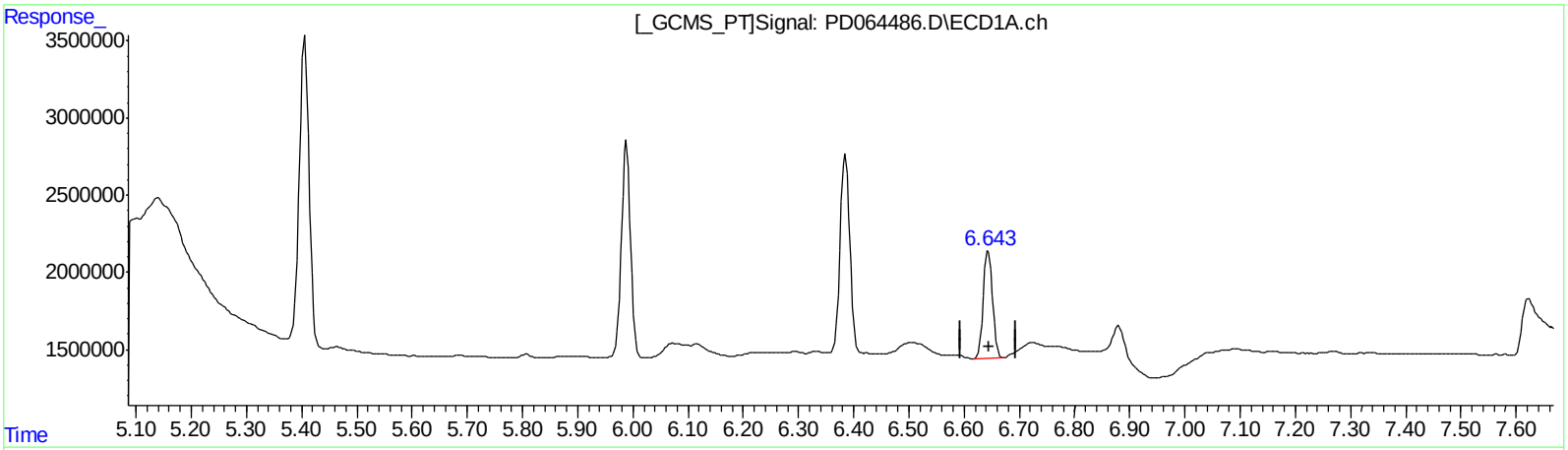

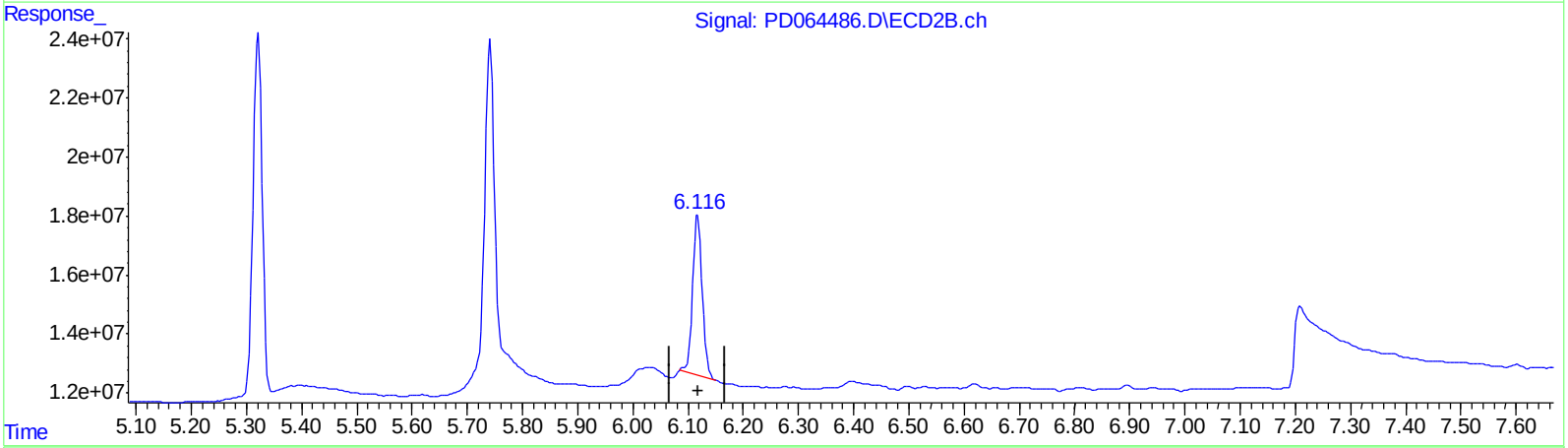

QEdit

(6) beta-BHC (B)

6.643min 10.574 ng/ml m

response 8249178

(6) beta-BHC #2 (B)

6.118min 11.014 ng/ml

response 66818580

(+) = Expected Retention Time

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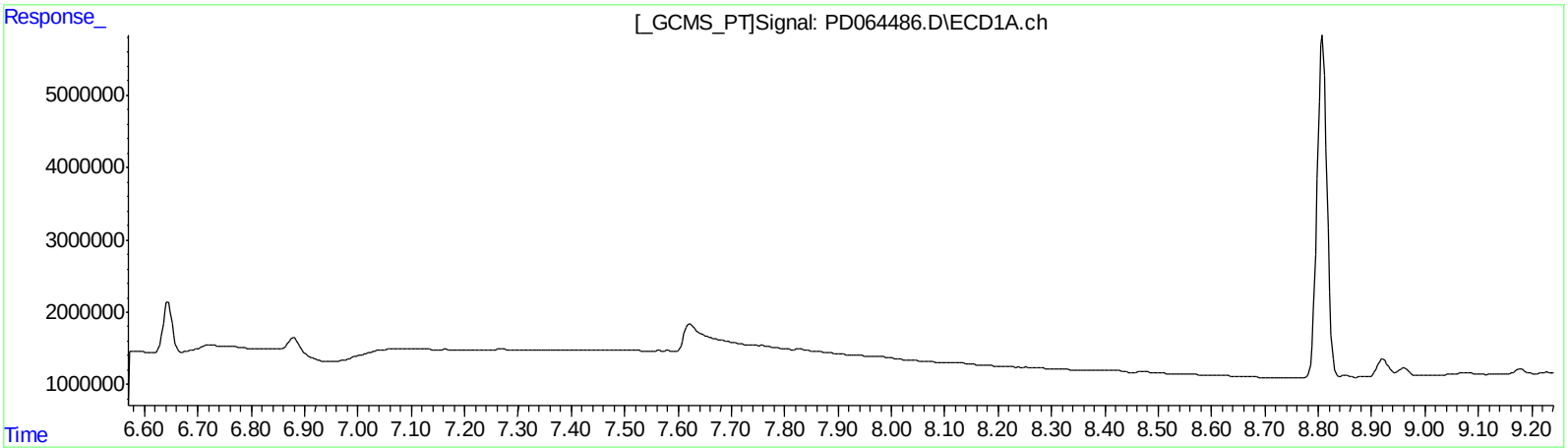

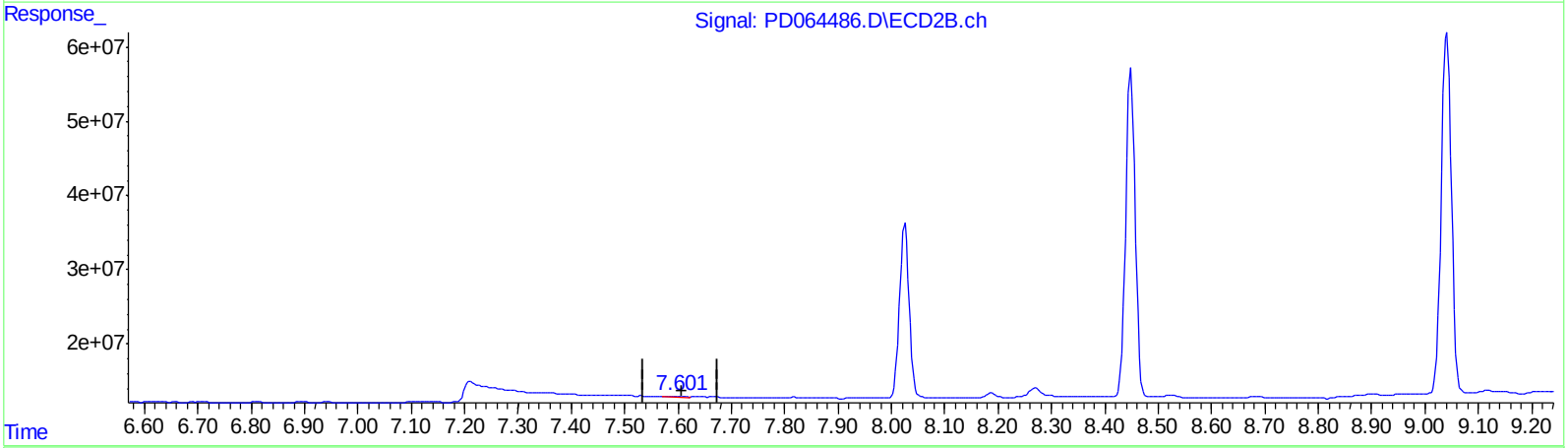

QEdit

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

0.000min 0.000 ng/ml

response 0

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

7.602min 0.139 ng/ml

response 1051888

(+) = Expected Retention Time

Quantitation Report (Qedit)

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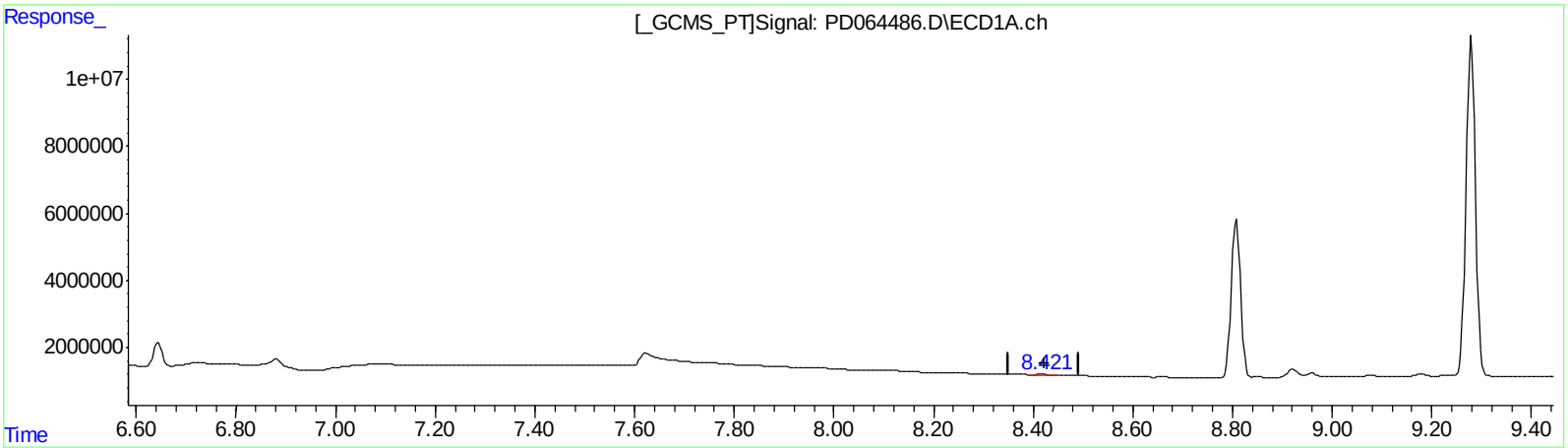

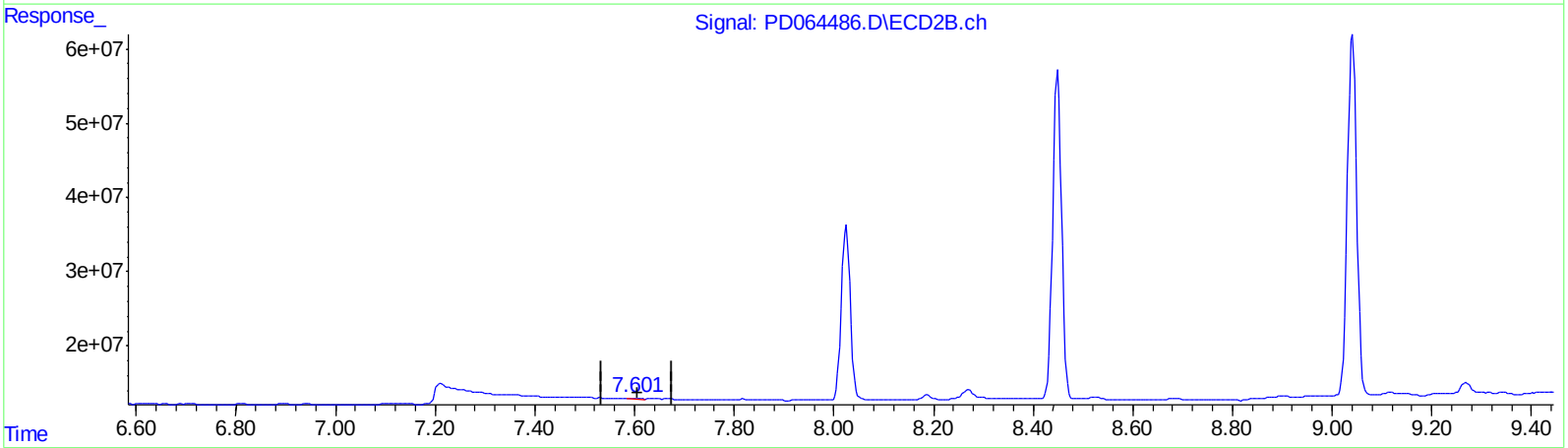

QEdit

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

8.421min 0.217 ng/ml m

response 312430

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

7.601min 0.171 ng/ml m

response 1288927

(+) = Expected Retention Time

Quantitation Report (Qedit)

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mohammad
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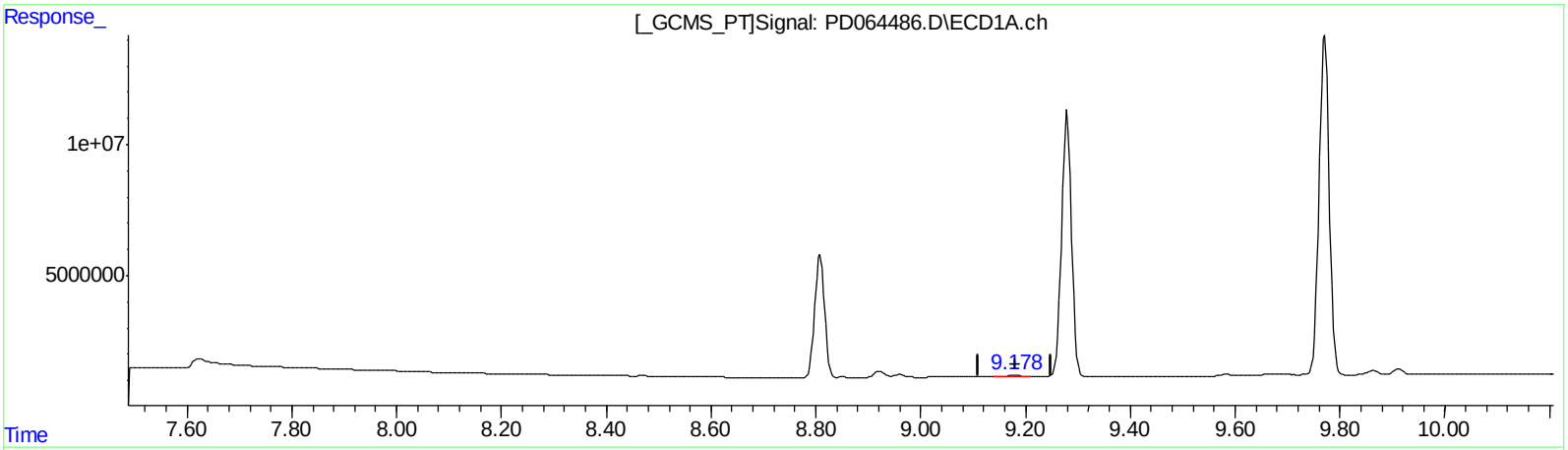

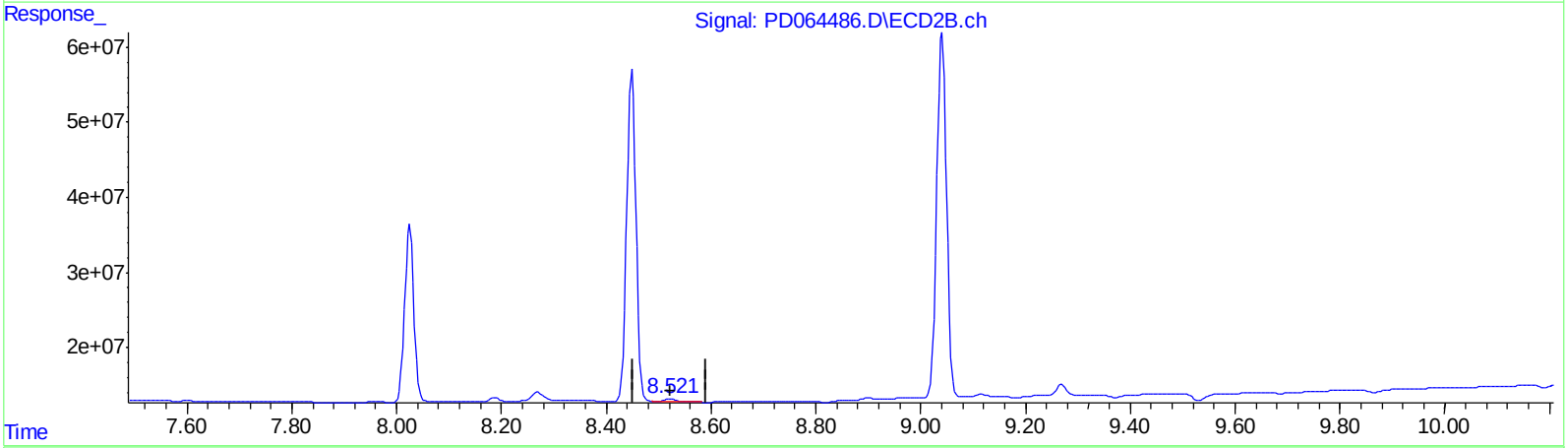

QEdit

(18) Endrin aldehyde (B)

9.179min 0.793 ng/ml

response 898835

(18) Endrin aldehyde #2 (B)

8.522min 0.878 ng/ml

response 4333355

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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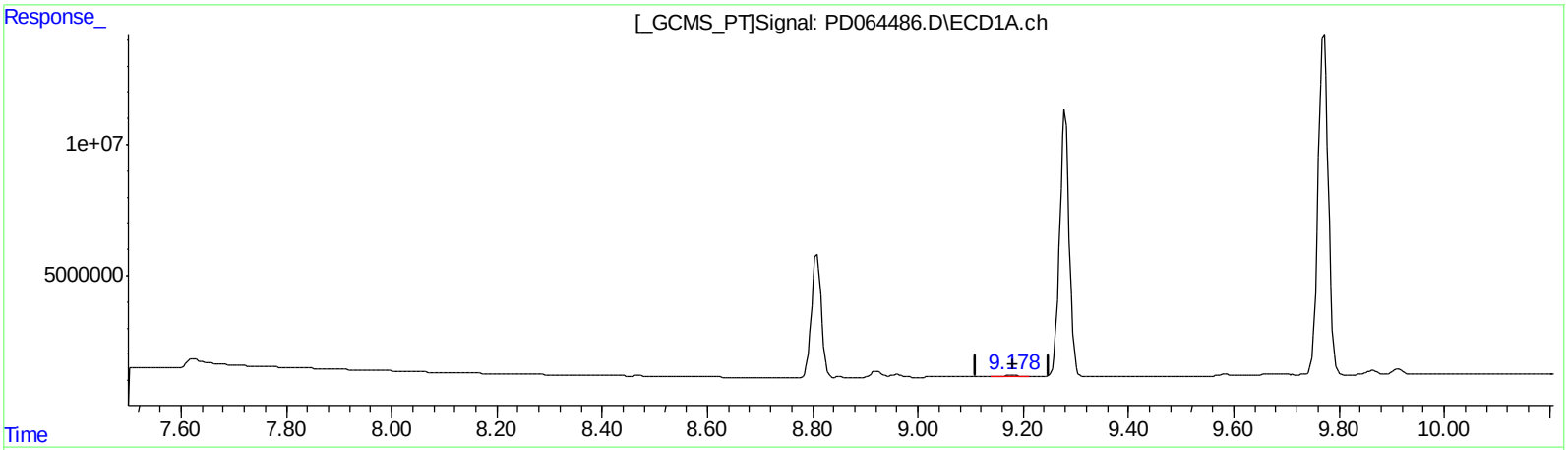

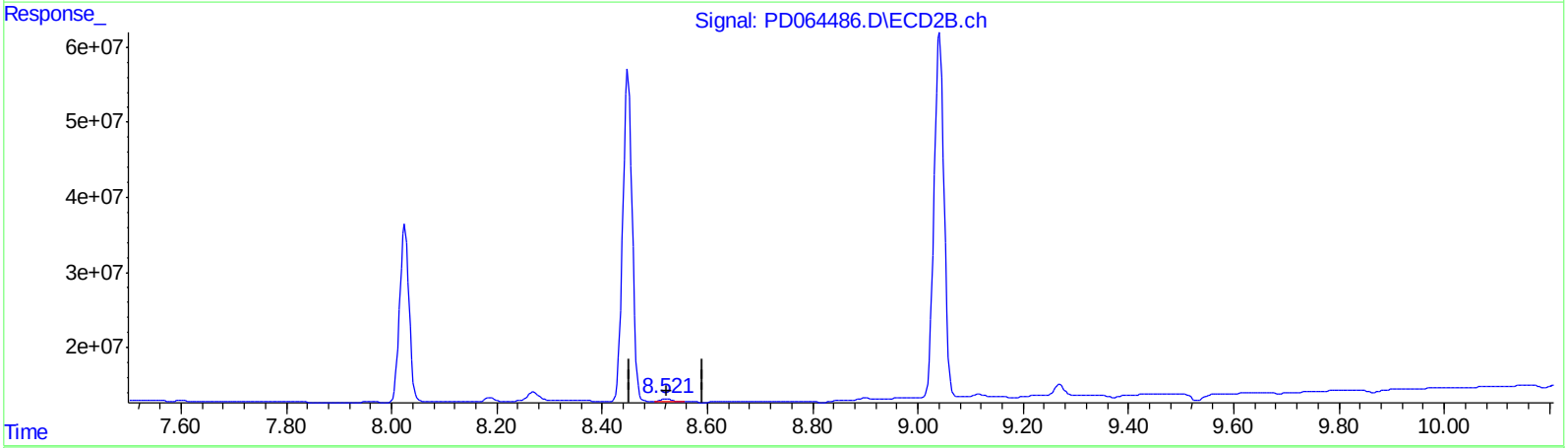

QEdit

(18) Endrin aldehyde (B)

9.179min 0.793 ng/ml

response 898835

(18) Endrin aldehyde #2 (B)

8.521min 0.882 ng/ml m

response 4351098

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 03:08
Operator : AR\AJ
Sample : PEM67
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_D
LabSampleId : PEM67

Manual Integrations APPROVED
mohammad
7/30/2021 2:24:08 PM

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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...	5.406	4.620	24031707	195.1E6	20.146	21.352
27)	SA	Decachlor...	11.304	10.364	27982877	138.9E6	21.257	23.353
		Target Compounds						
2)	A	alpha-BHC	5.989	5.321	16415310	138.9E6	10.076	11.269
3)	MA	gamma-BHC...	6.385	5.742	15948874	132.1E6	10.169	11.587
6)	B	beta-BHC	6.643	6.118	8249178	66818580	10.574m	11.014
12)	B	4,4'-DDE	8.421	7.601	312430	1288927	0.217m	0.171m
14)	MA	Endrin	8.808	8.025	61682357	292.5E6	48.175	50.926
16)	A	4,4'-DDD	8.961	8.187	1640900	6862450	1.337	1.191
17)	MA	4,4'-DDT	9.280	8.449	131.1E6	543.4E6	100.410	98.718
18)	B	Endrin al...	9.179	8.521	898835	4351098	0.793	0.882m
20)	A	Methoxychlor	9.771	9.041	177.3E6	640.2E6	247.831	250.004
21)	B	Endrin ke...	9.914	9.269	2695686	17783654	1.782	2.965 #

AJ 08/02/21

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