

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
Data File : PD053077.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Apr 2019 16:33
Operator : AJ\SJ
Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

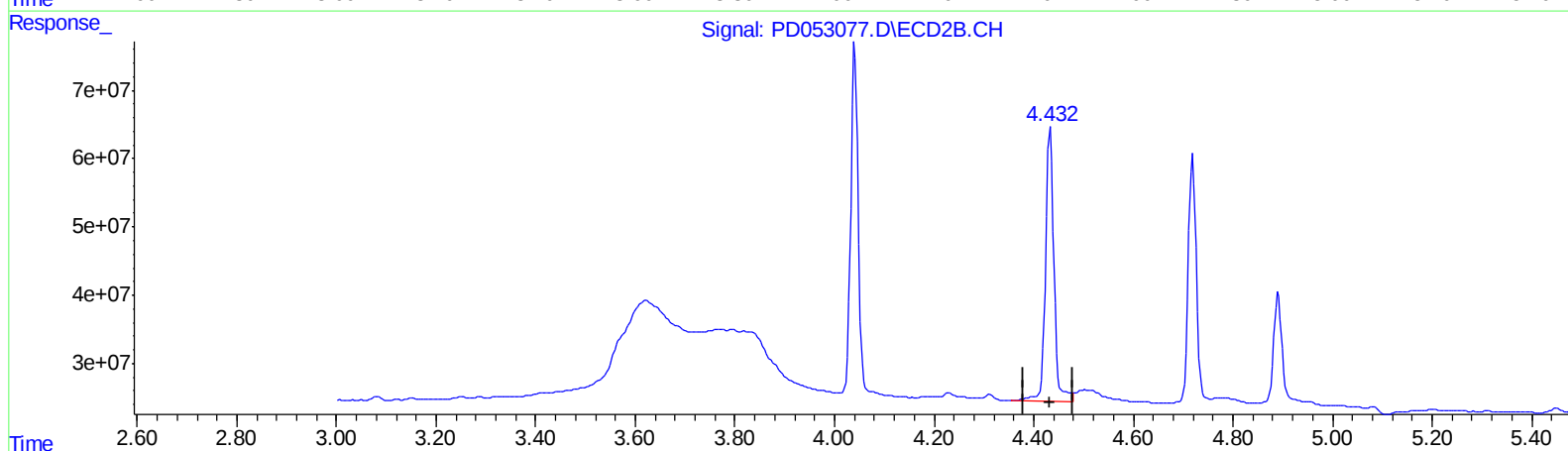
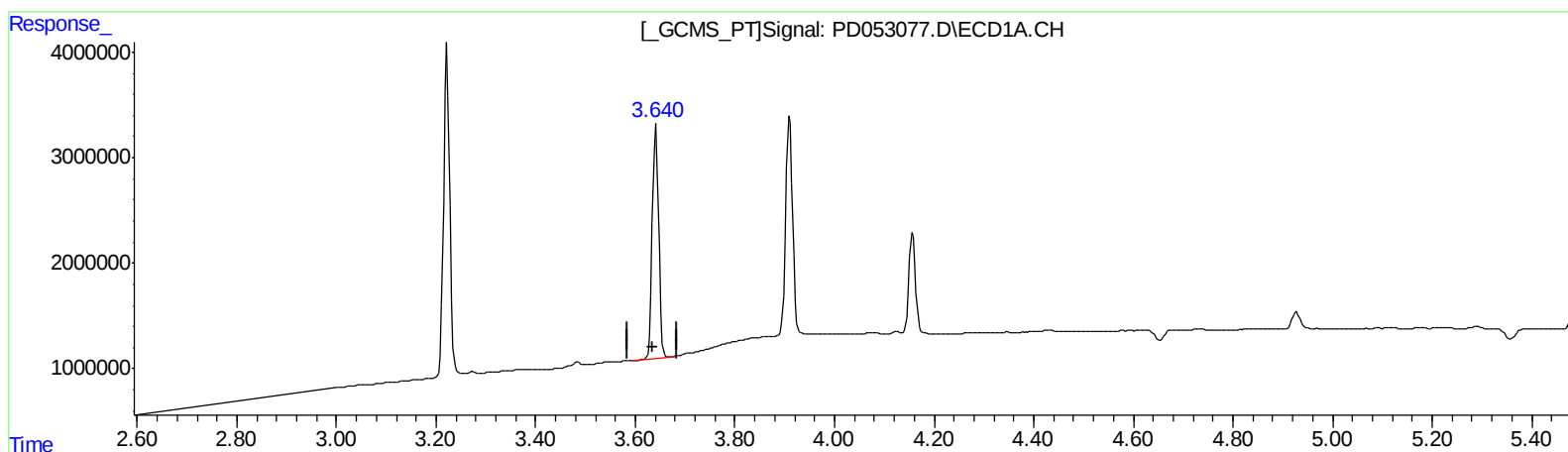
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
APPROVED

mohammad
4/25/2019 2:06:05 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:49:34 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042319CLP.M
Quant Title : GC Extractables
QLast Update : Wed Apr 24 03:53:52 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(2) alpha-BHC (A)
3.642min 9.243 ng/ml
response 19567520

(2) alpha-BHC #2 (A)
4.433min 12.364 ng/ml
response 471204252

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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Acq On : 24 Apr 2019 16:33
Operator : AJ\SJ
Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

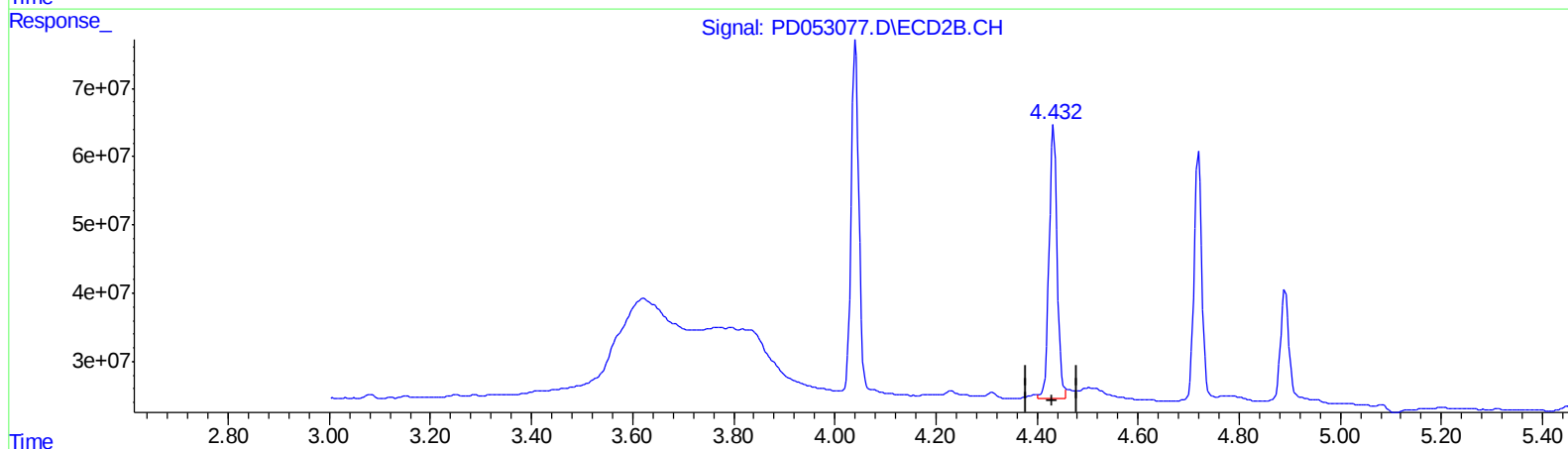
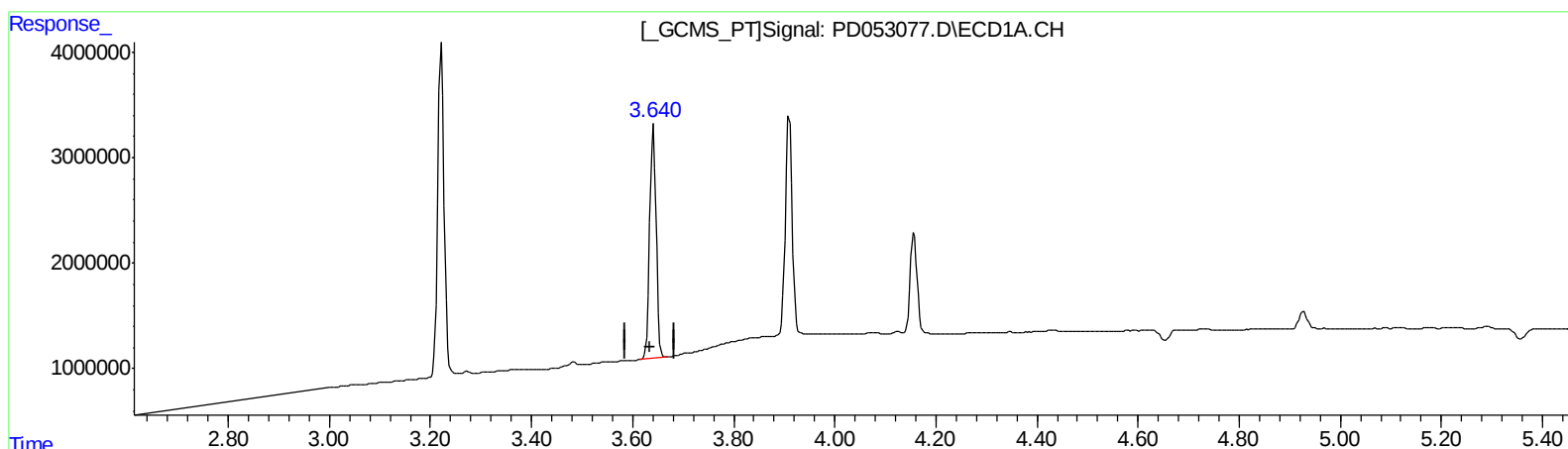
Instrument :
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LabSampleId :
PEM02

Manual Integrations
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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

(2) alpha-BHC (A)
3.640min 9.247 ng/ml m
response 19574315

(2) alpha-BHC #2 (A)
4.432min 11.606 ng/ml m
response 442344149

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
Data File : PD053077.D
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Acq On : 24 Apr 2019 16:33
Operator : AJ\SJ
Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

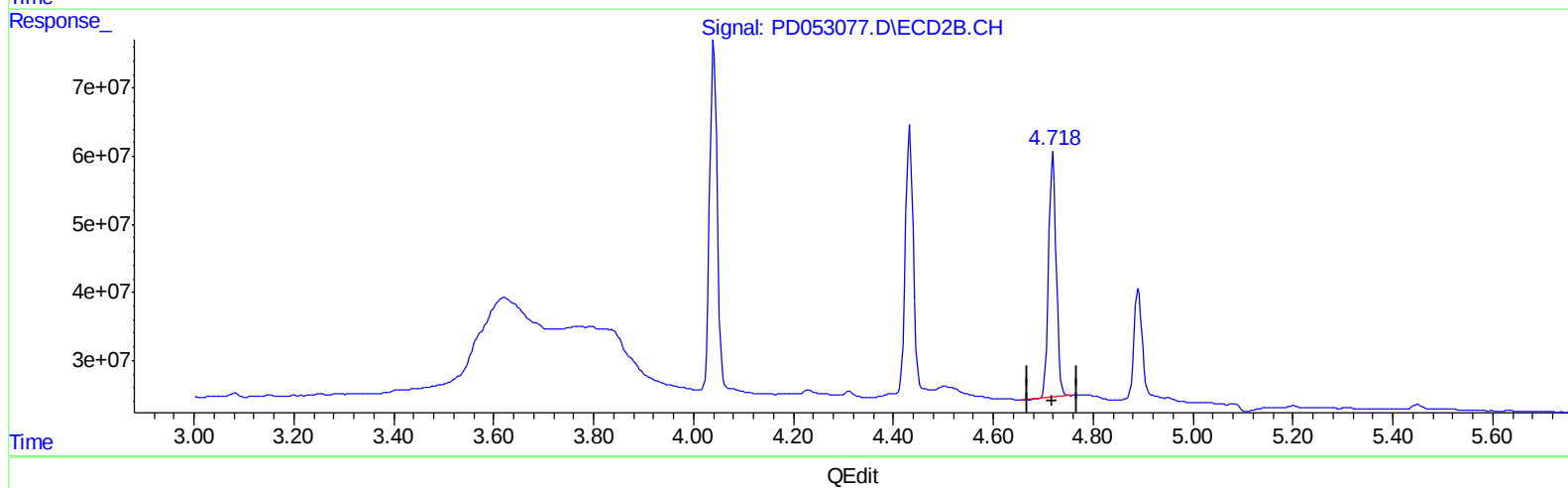
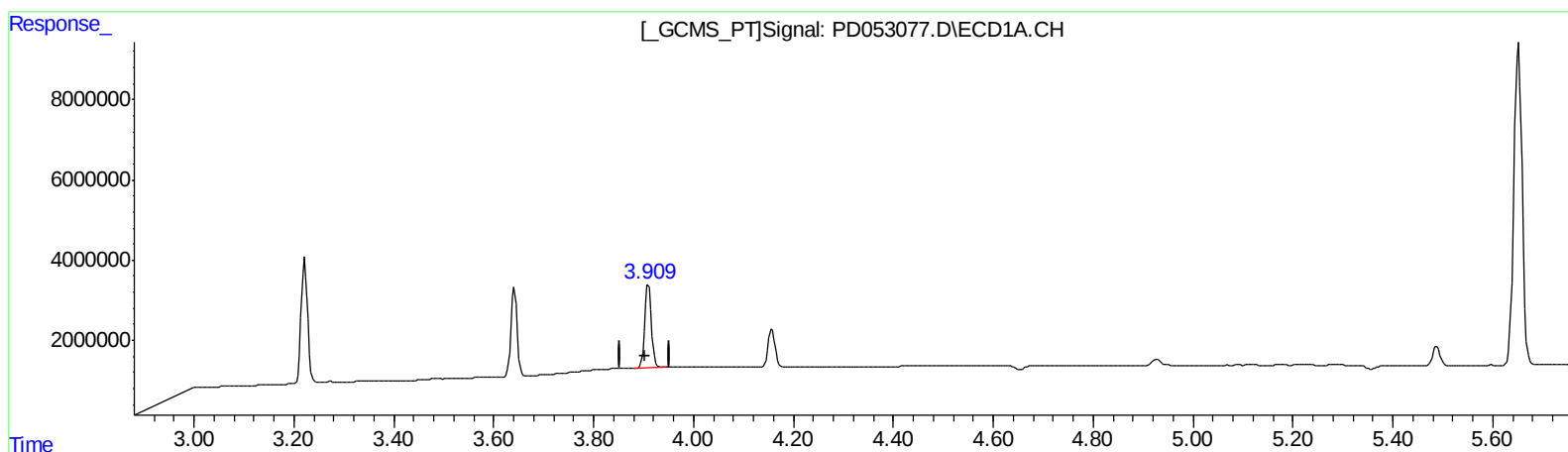
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
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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



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

3.910min 9.612 ng/ml

response 19593697

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

4.720min 11.292 ng/ml

response 391539030

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
Data File : PD053077.D
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Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

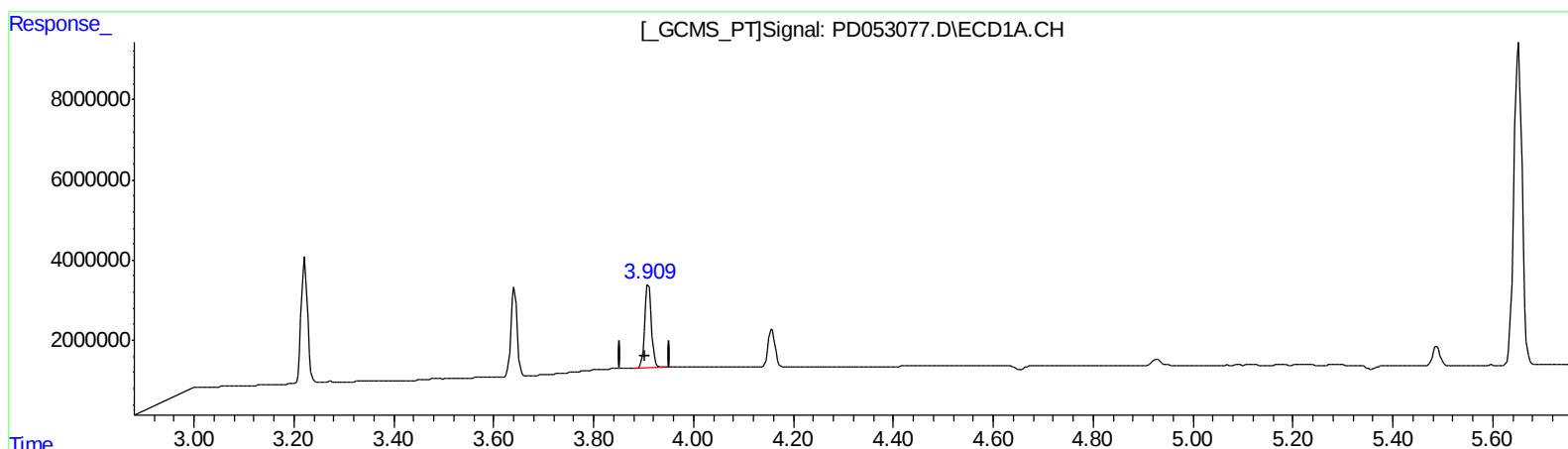
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

3.910min 9.612 ng/ml

response 19593697

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

4.718min 11.386 ng/ml m

response 394791354

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
Data File : PD053077.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

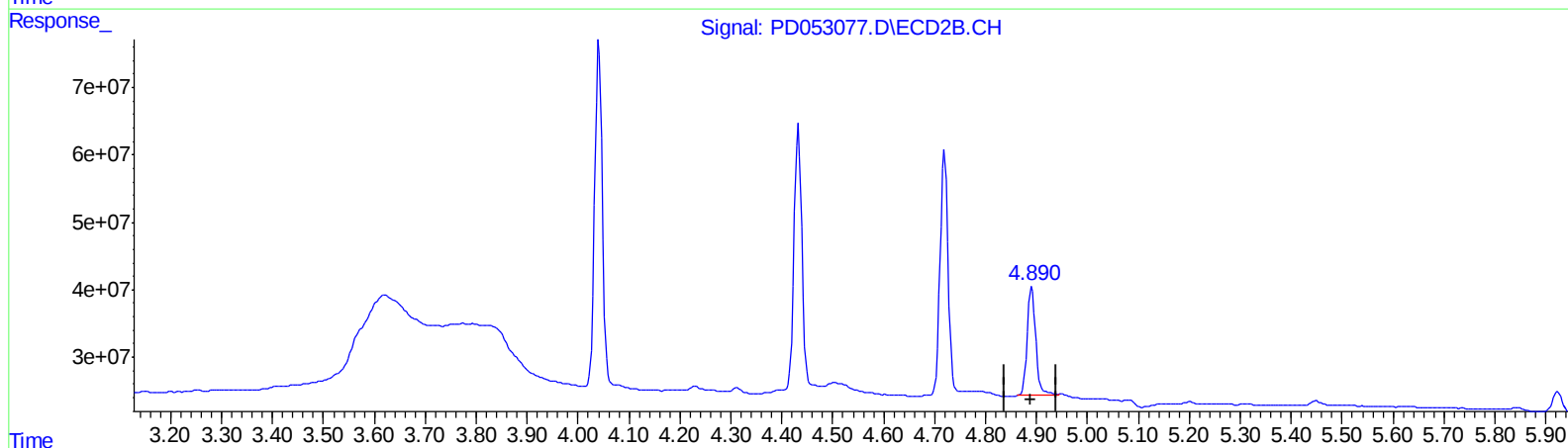
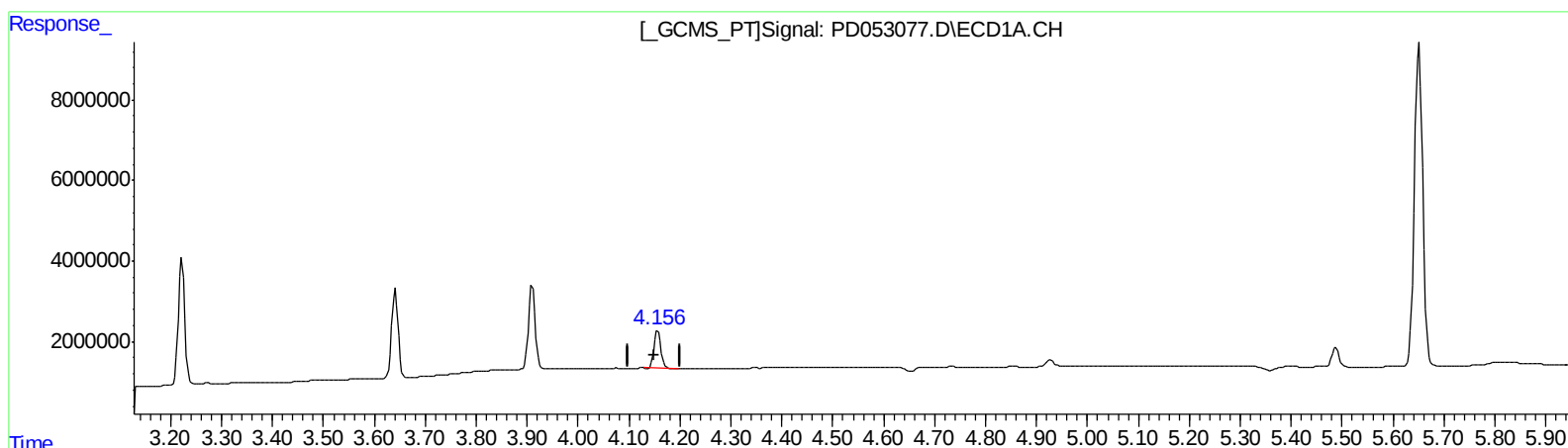
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LabSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(6) beta-BHC (B)

4.157min 9.942 ng/ml

response 8850156

(6) beta-BHC #2 (B)

4.891min 12.273 ng/ml

response 189017875

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
Data File : PD053077.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Apr 2019 16:33
Operator : AJ\SJ
Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

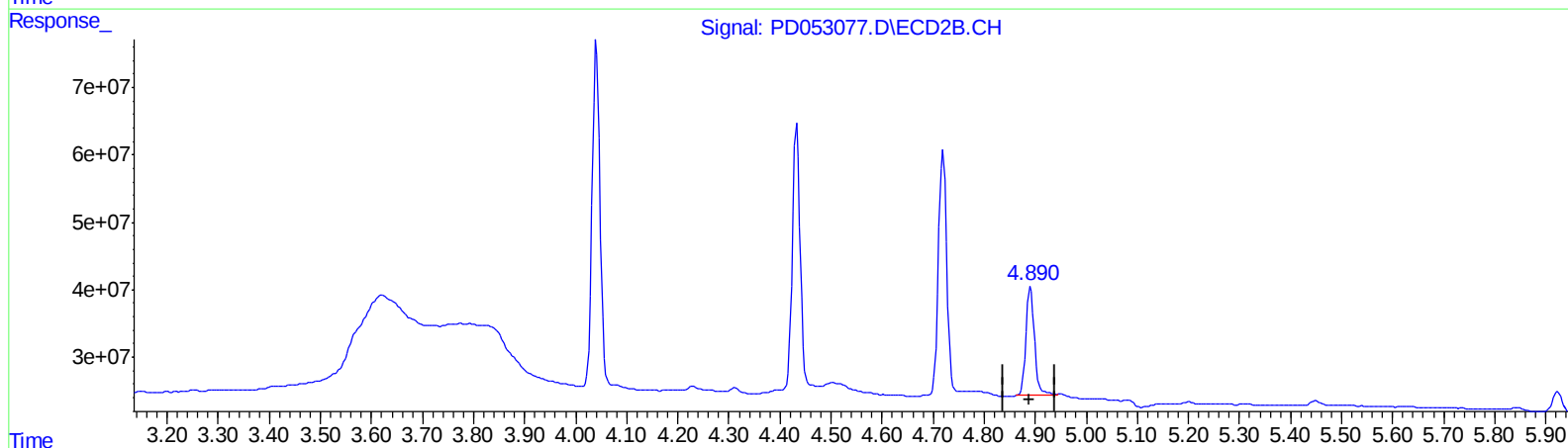
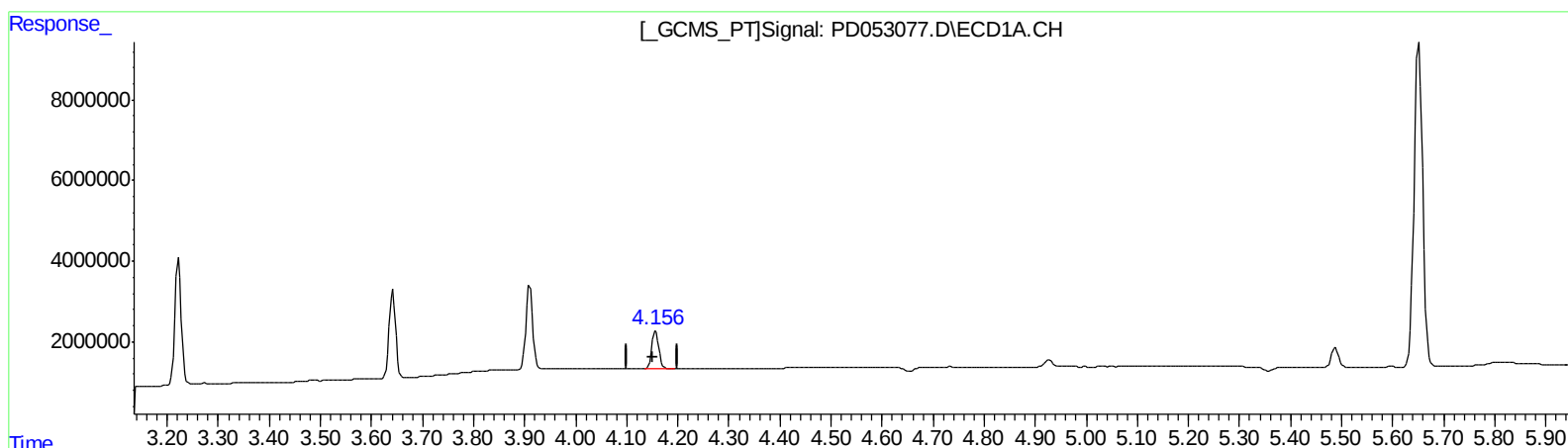
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
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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

(6) beta-BHC (B)

4.156min 10.262 ng/ml m

response 9135192

(6) beta-BHC #2 (B)

4.891min 12.273 ng/ml

response 189017875

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

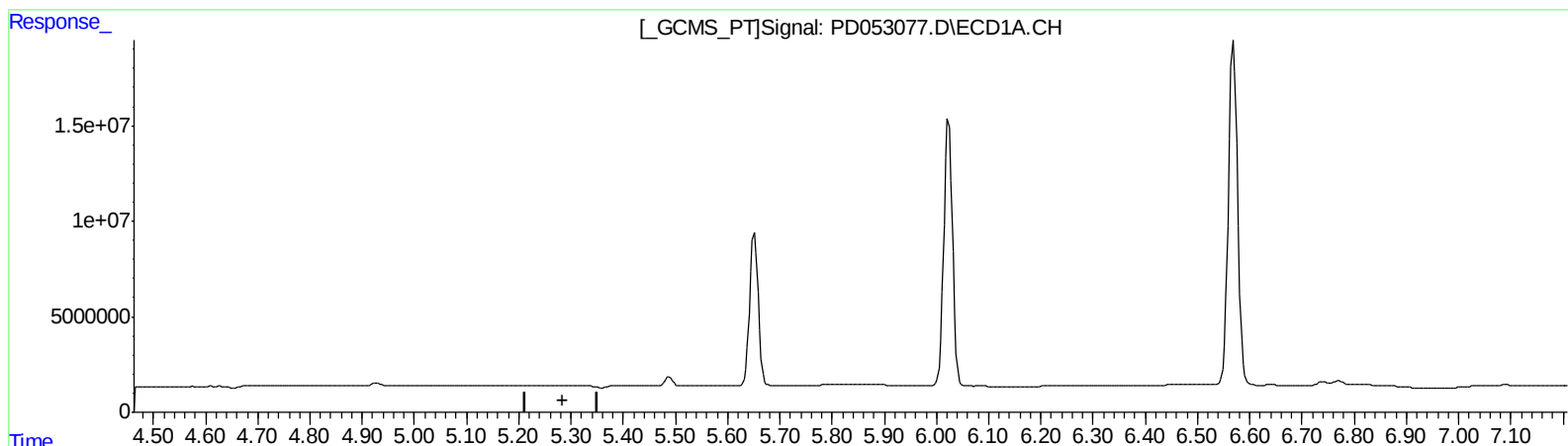
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
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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



(12) 4,4'-DDE (B)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
0.000min 0.000 ng/ml
response 0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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Acq On : 24 Apr 2019 16:33
Operator : AJ\SJ
Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

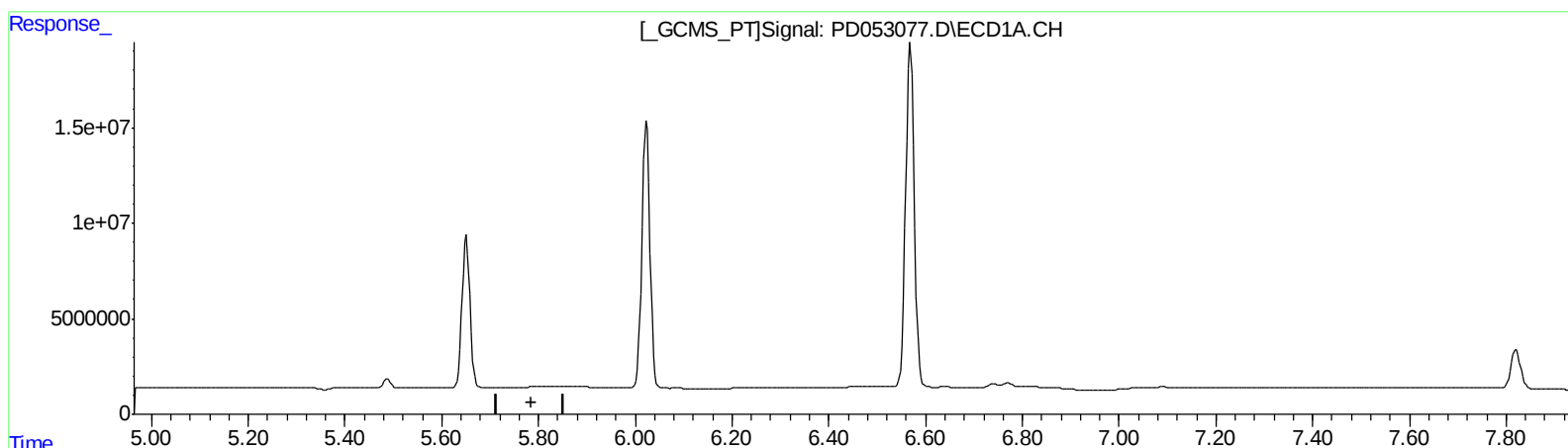
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
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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



(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.896min 0.757 ng/ml
response 17430849

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
Data File : PD053077.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Apr 2019 16:33
Operator : AJ\SJ
Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

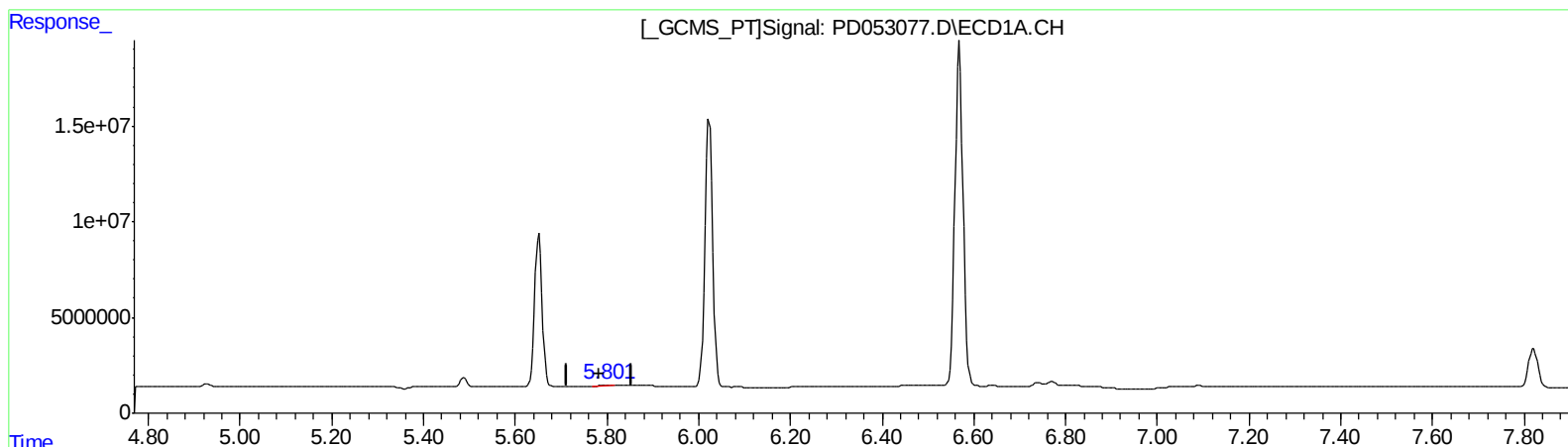
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
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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



(16) 4,4'-DDD (A)
5.801min 0.385 ng/ml m
response 615251

(16) 4,4'-DDD #2 (A)
6.892min 0.484 ng/ml m
response 11131751

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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Operator : AJ\SJ
Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

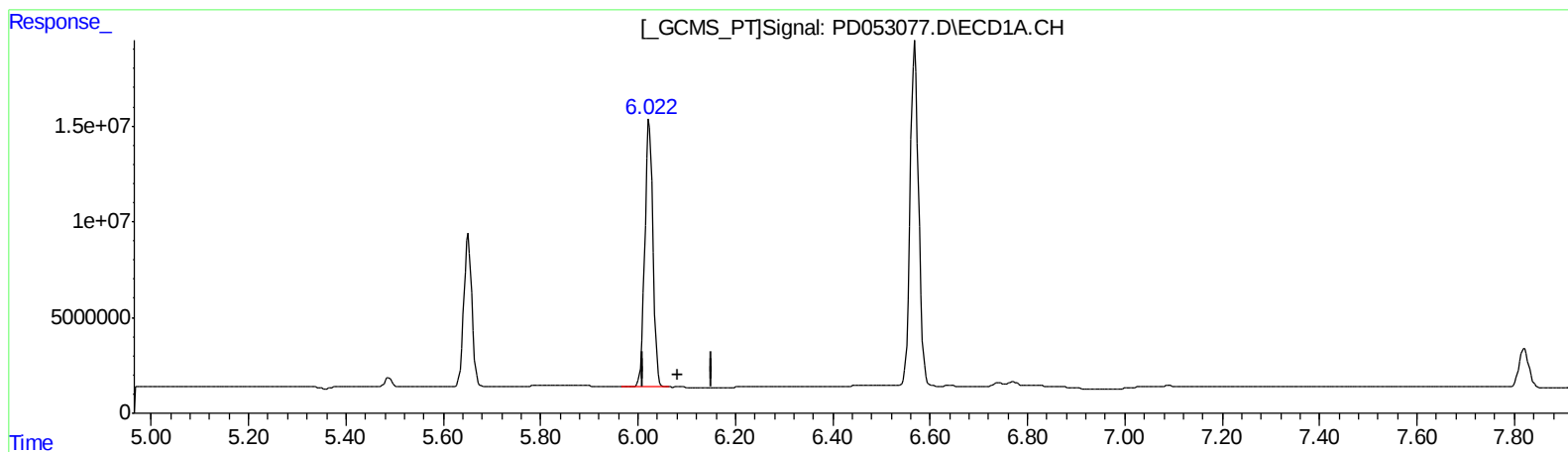
Instrument :
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Manual Integrations
APPROVED

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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



(18) Endrin aldehyde (B)

6.023min 112.787 ng/ml

response 161349082

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : PEM02
Misc :
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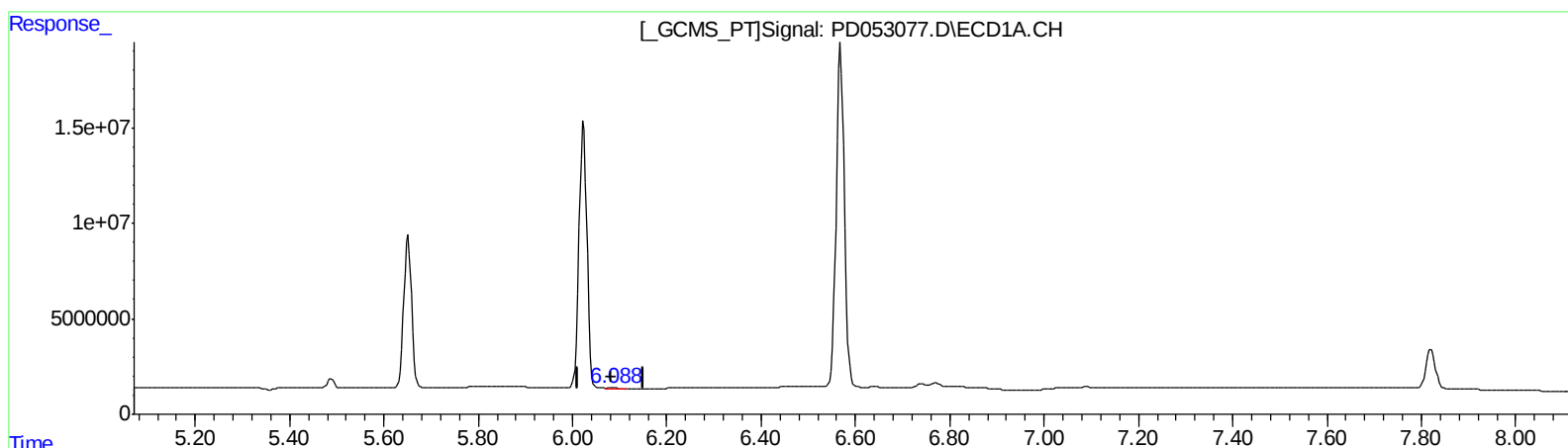
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.088min 0.383 ng/ml m

response 548534

(18) Endrin aldehyde #2 (B)

7.097min 0.399 ng/ml m

response 8140404

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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ALS Vial : 3 Sample Multiplier: 1

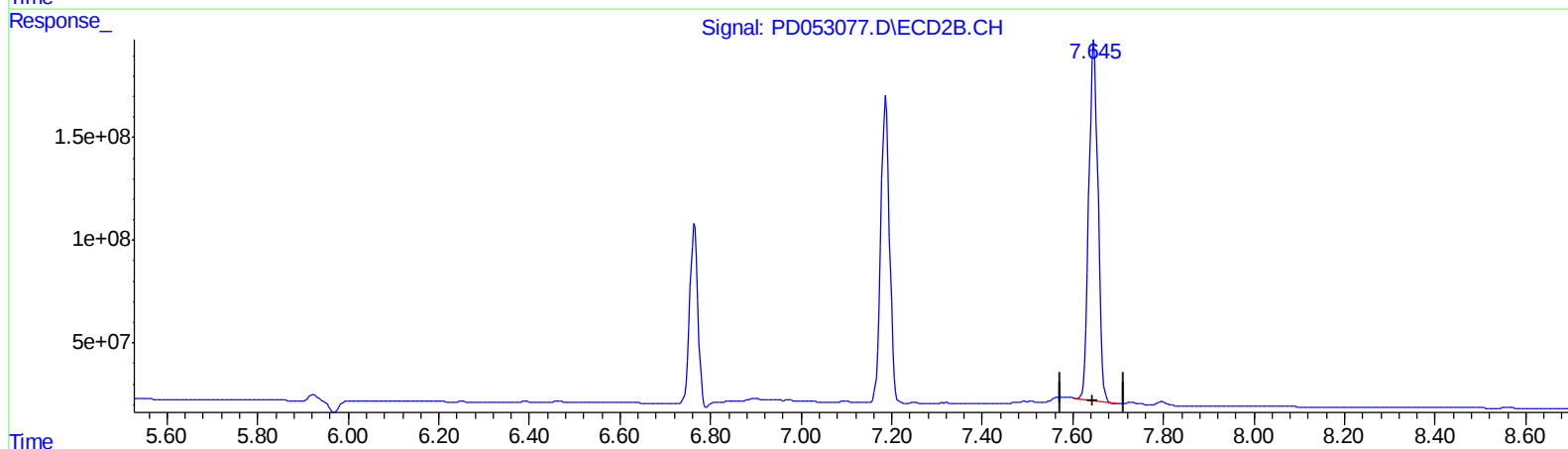
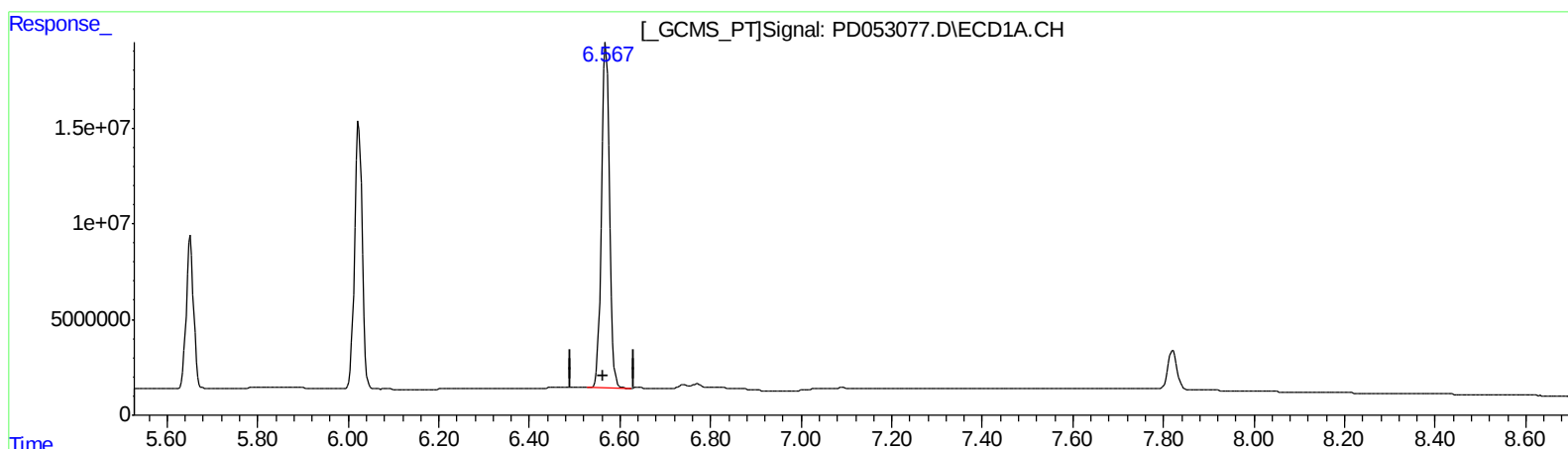
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(20) Methoxychlor (A)
6.569min 245.144 ng/ml
response 220474485

(20) Methoxychlor #2 (A)
7.647min 242.814 ng/ml
response 2451126360

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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Sample : PEM02
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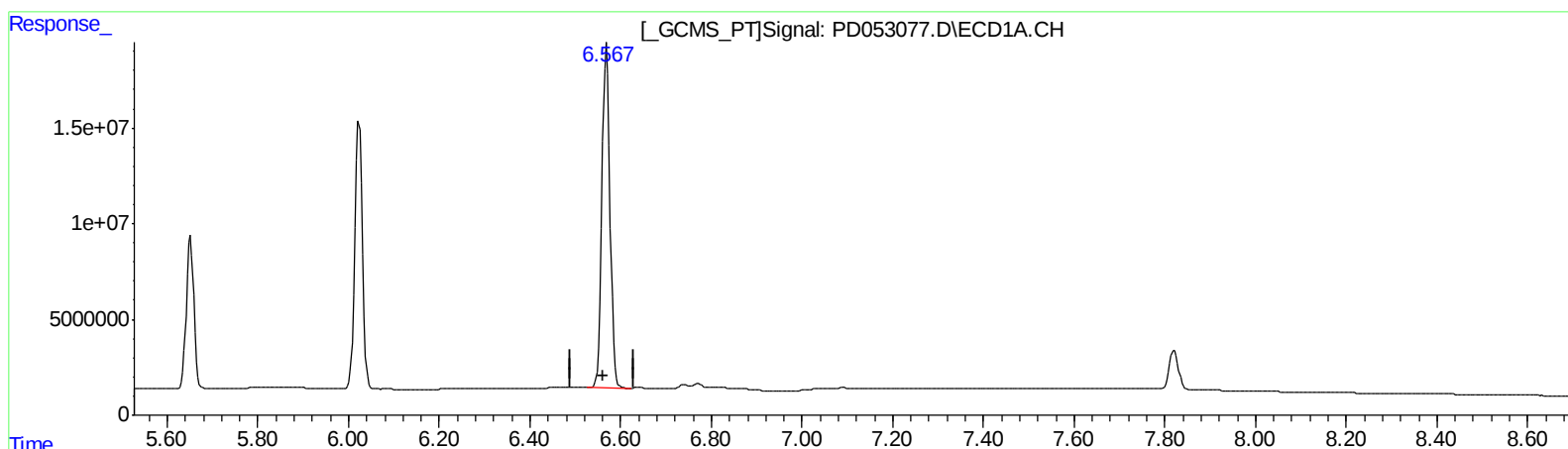
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(20) Methoxychlor (A)
6.569min 245.144 ng/ml
response 220474485

(20) Methoxychlor #2 (A)
7.645min 250.618 ng/ml m
response 2529907568

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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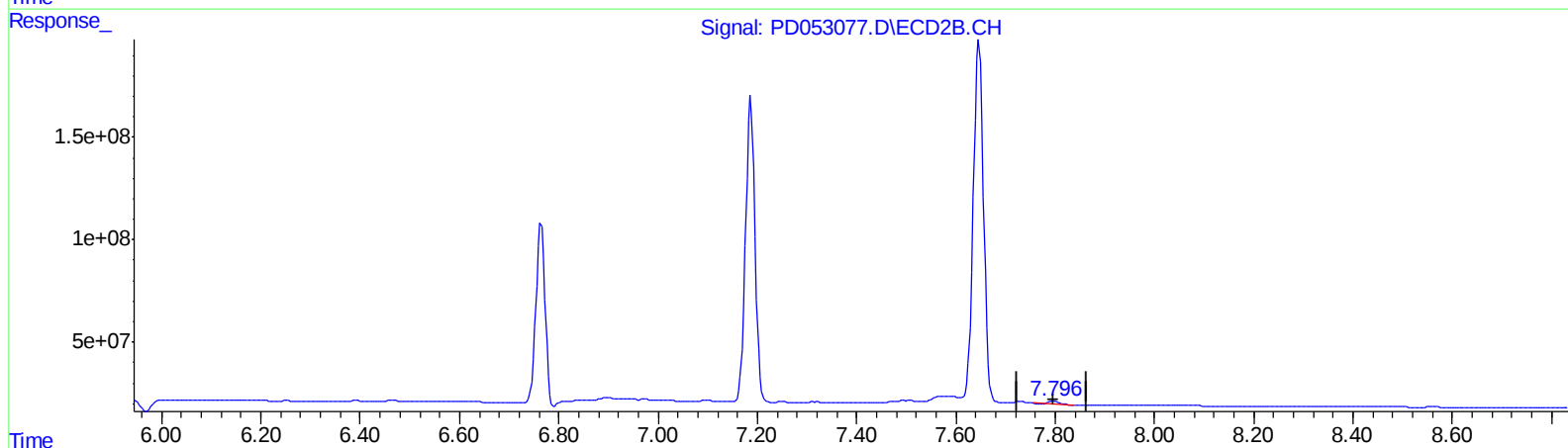
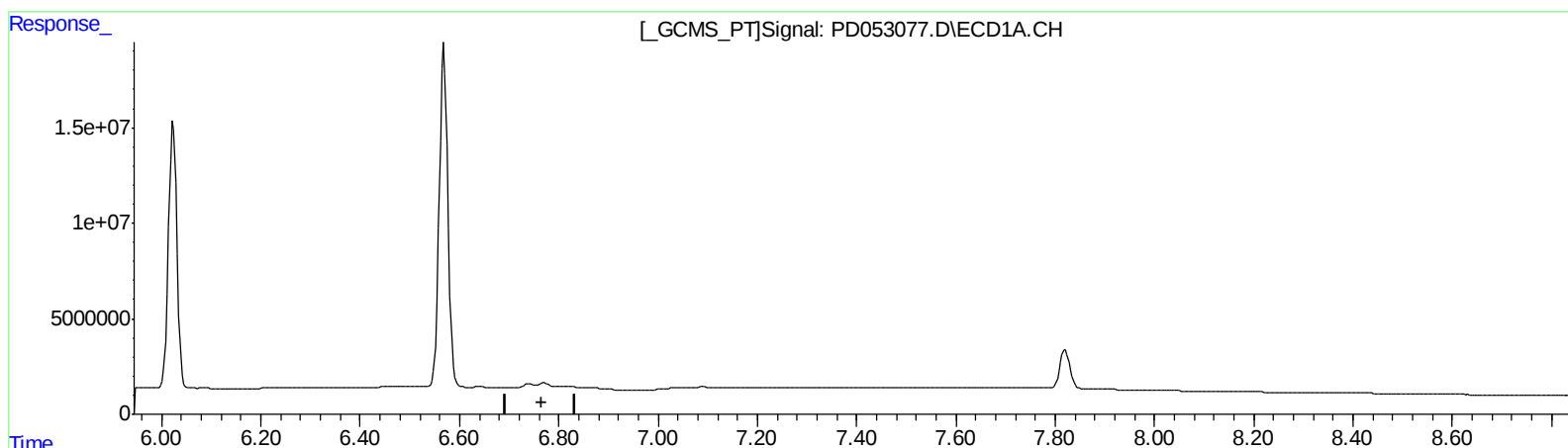
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
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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

(21) Endrin ketone (B)
0.000min 0.000 ng/ml
response 0

(21) Endrin ketone #2 (B)
7.797min 0.714 ng/ml
response 15386948

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042419\
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 Operator : AJ\SJ
 Sample : PEM02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 LabSampleId :
 PEM02

Manual Integrations
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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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

1) SA Tetrachlo...	3.222	4.041	27617501	538.9E6	19.686	21.177
27) SA Decachlor...	7.821	9.158	28766728	408.4E6	20.004	21.318

Target Compounds

2) A alpha-BHC	3.640	4.432	19574315	442.3E6	9.247m	11.606m#
3) MA gamma-BHC...	3.910	4.718	19593697	394.8E6	9.612	11.386m
6) B beta-BHC	4.156	4.891	9135192	189.0E6	10.262m	12.273
12) B 4,4'-DDE	5.289	6.391	233897	3930607	0.124m	0.140m
14) MA Endrin	5.652	6.765	91933883	1119.8E6	50.624	46.507
16) A 4,4'-DDD	5.801	6.892	615251	11131751	0.385m	0.484m#
17) MA 4,4'-DDT	6.023	7.187	161.3E6	1991.0E6	113.568	104.927
18) B Endrin al...	6.088	7.097	548534	8140404	0.383m	0.399m
20) A Methoxychlor	6.569	7.645	220.5E6	2529.9E6	245.144	250.618m
21) B Endrin ke...	6.769	7.796	3064895	23817126	1.752m	1.105m#

AJ
 04/26/19

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