

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051520\
Data File : PD057978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2020 09:27
Operator : AJ\MA
Sample : PEM12
Misc :
ALS Vial : 3 Sample Multiplier: 1

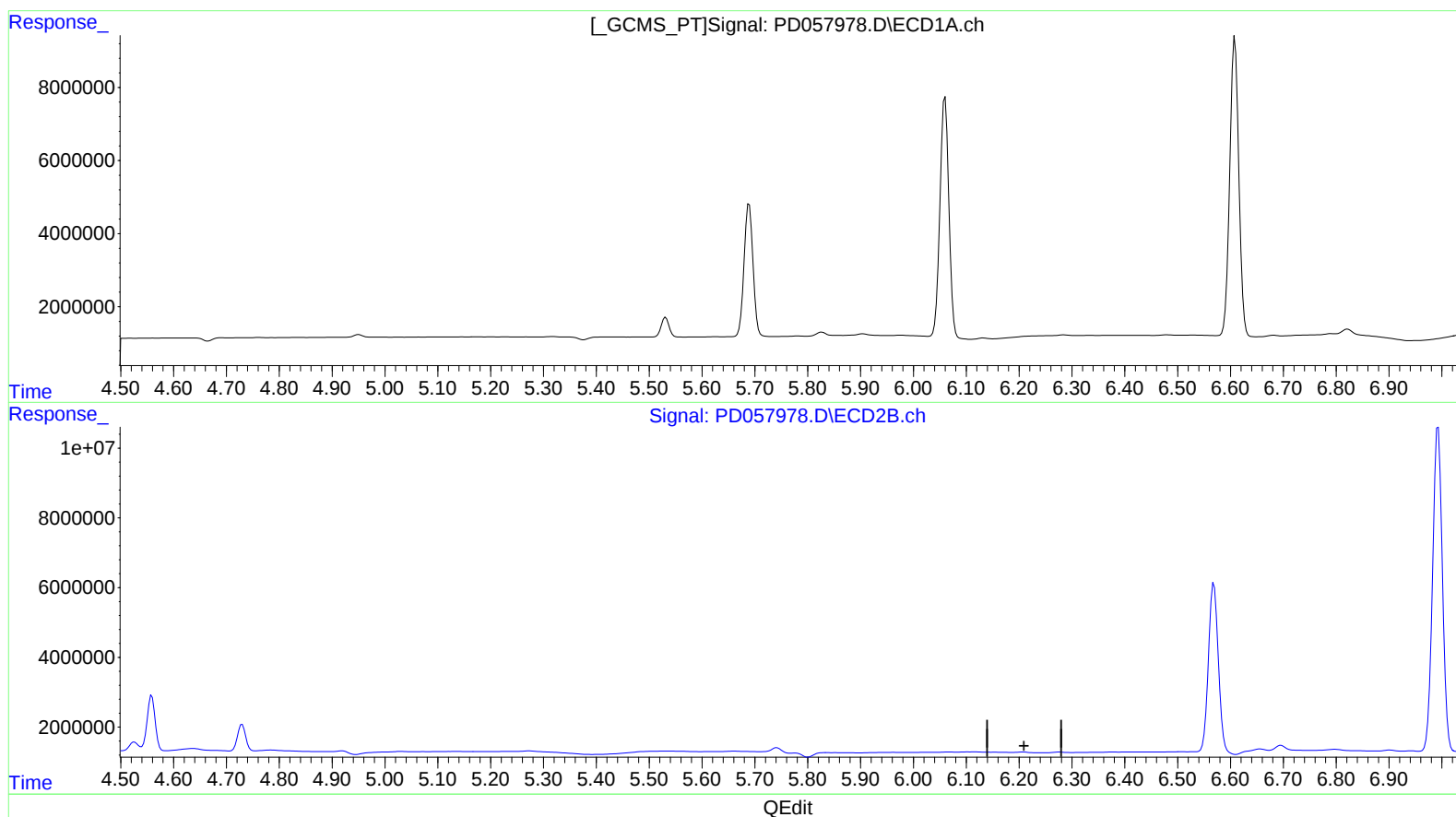
Instrument :
ECD_D
LabSampleId :
PEM12

Manual Integrations
APPROVED

mohammad
5/19/2020 9:41:50 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 06:23:49 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042920CLP.M
Quant Title : GC Extractables
QLast Update : Thu Apr 30 07:30:11 2020
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 x 0.2 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

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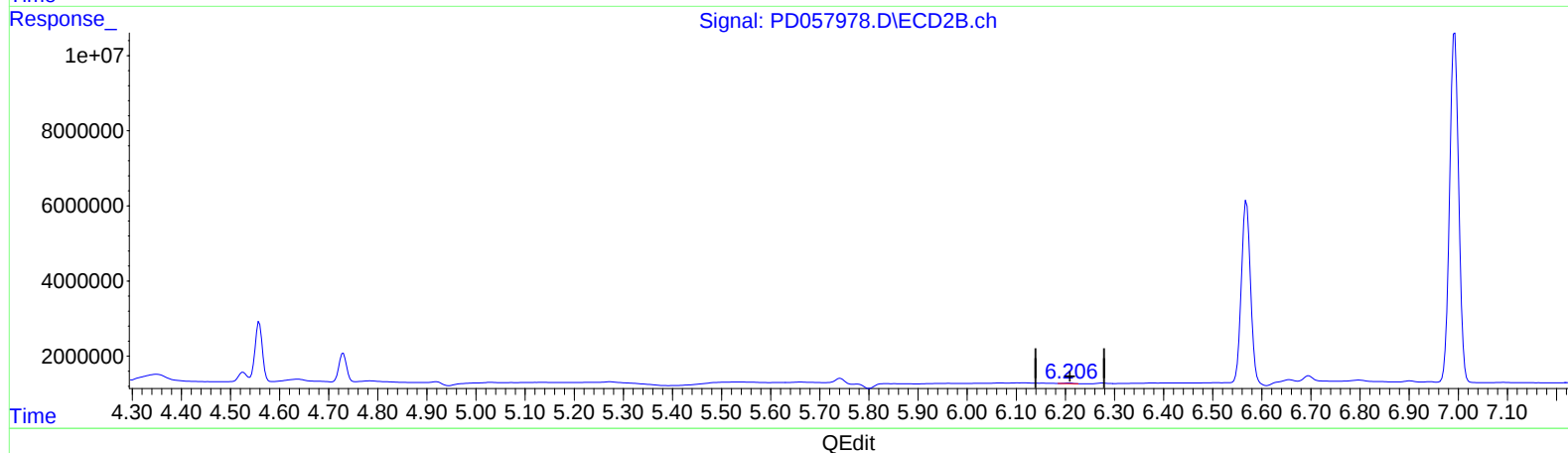
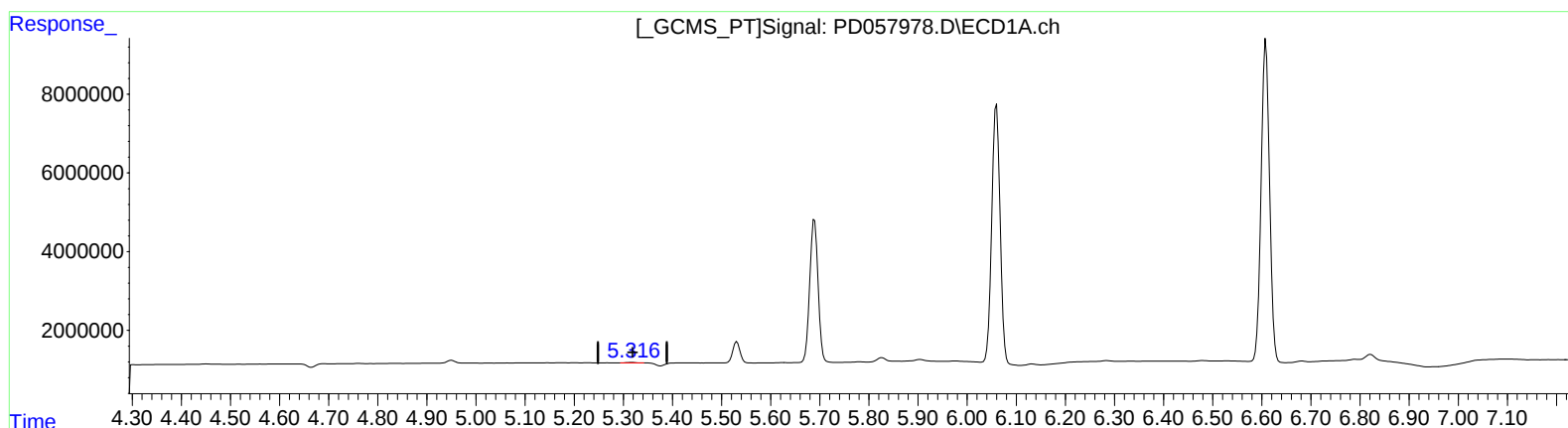
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

5.316min 0.158 ng/ml m

response 148027

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

6.206min 0.119 ng/ml m

response 187433

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Sample : PEM12
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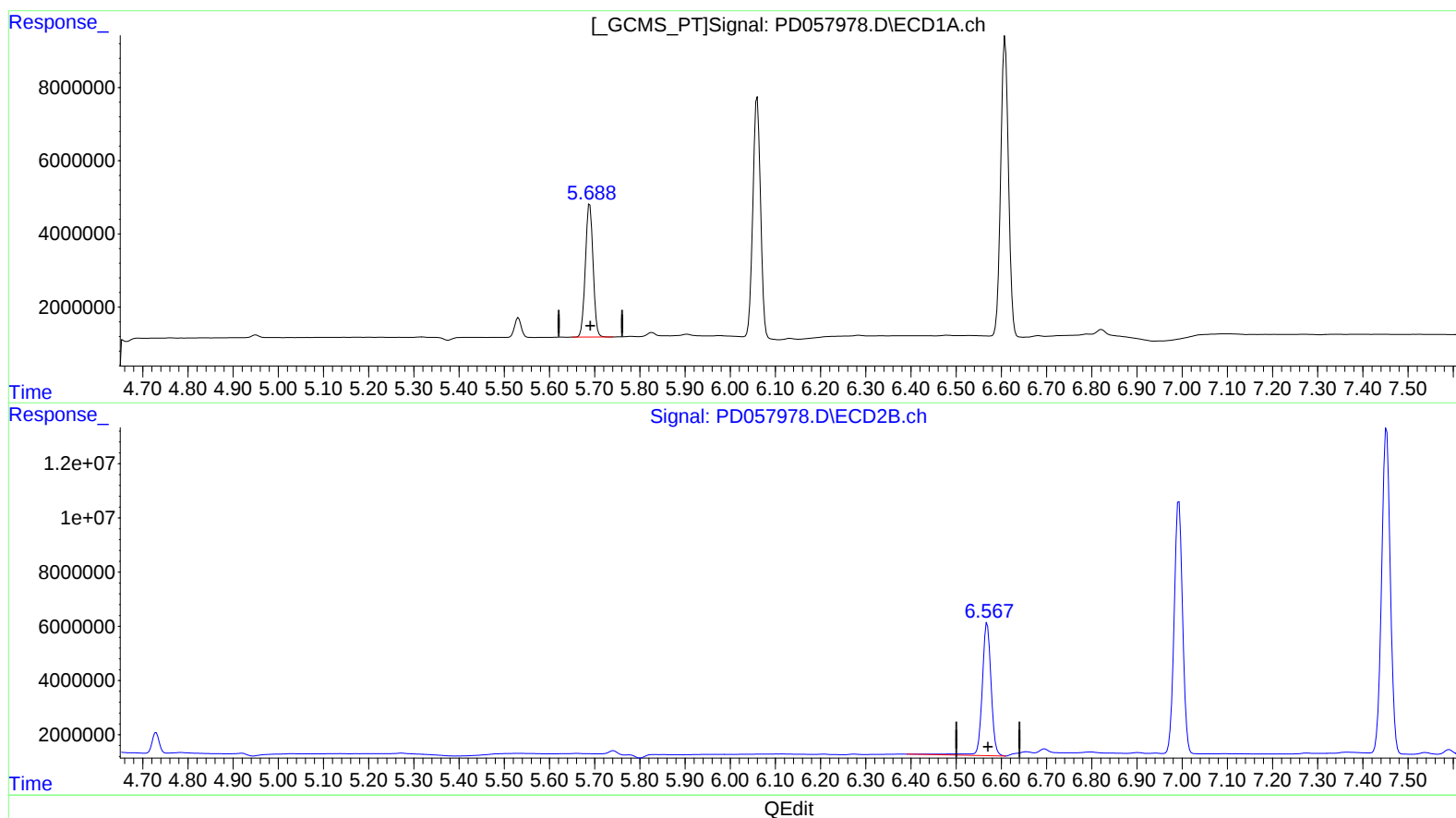
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)
5.689min 47.778 ng/ml
response 42972663

(14) Endrin #2 (MA)
6.569min 44.463 ng/ml
response 67449438

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Sample : PEM12
Misc :
ALS Vial : 3 Sample Multiplier: 1

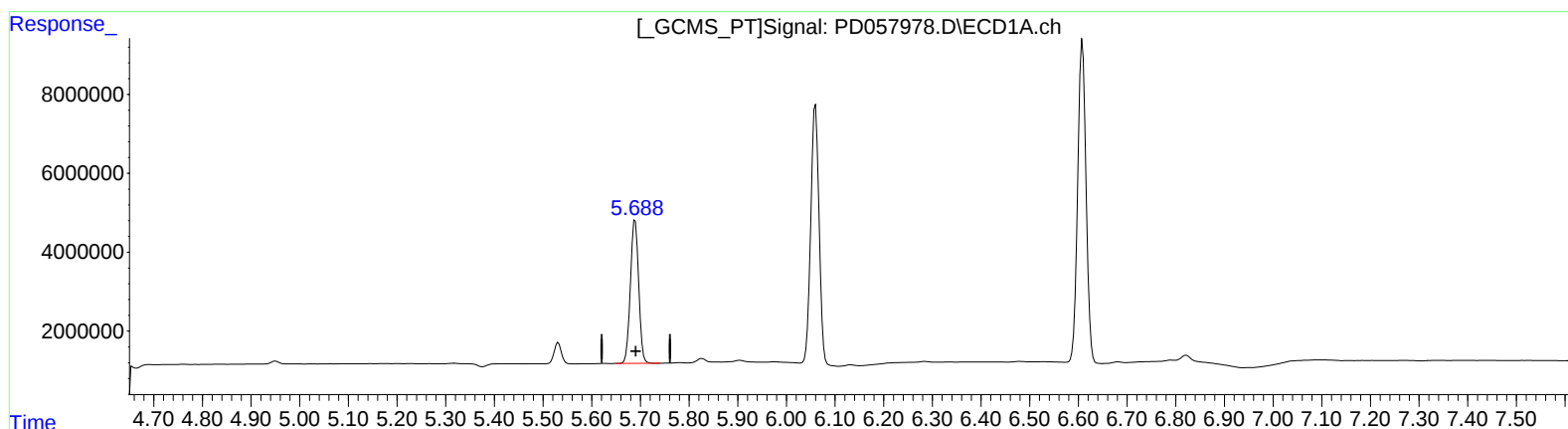
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LabSampleId :
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)

5.689min 47.778 ng/ml

response 42972663

(14) Endrin #2 (MA)

6.567min 42.353 ng/ml m

response 64249491

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051520\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2020 09:27
Operator : AJ\MA
Sample : PEM10
Misc :
ALS Vial : 3 Sample Multiplier: 1

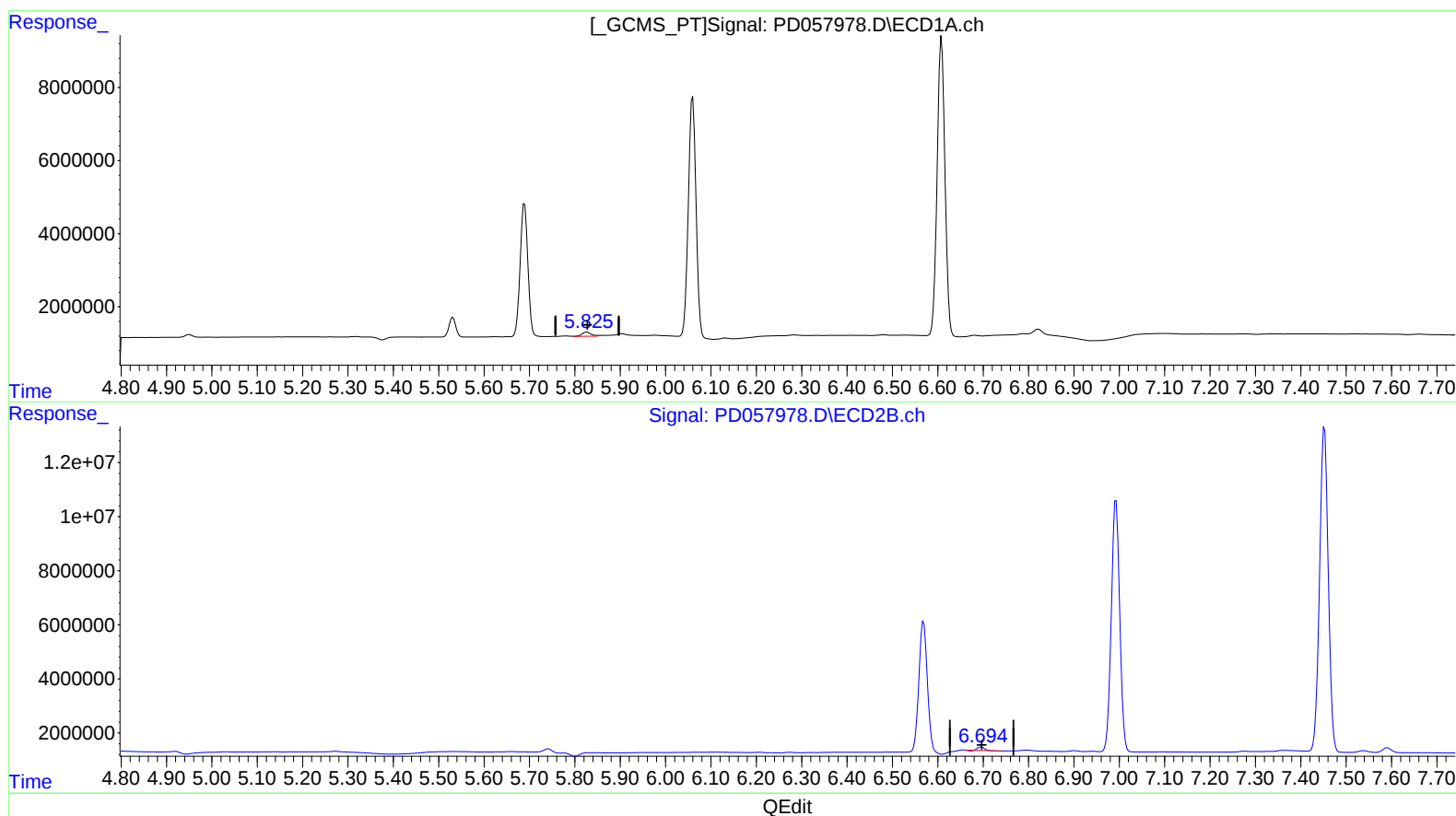
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ECD_D
LabSampleId :
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Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
5.827min 1.930 ng/ml
response 1568243

(16) 4,4'-DDD #2 (A)
6.696min 0.806 ng/ml
response 1079201

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Sample : PEM12
Misc :
ALS Vial : 3 Sample Multiplier: 1

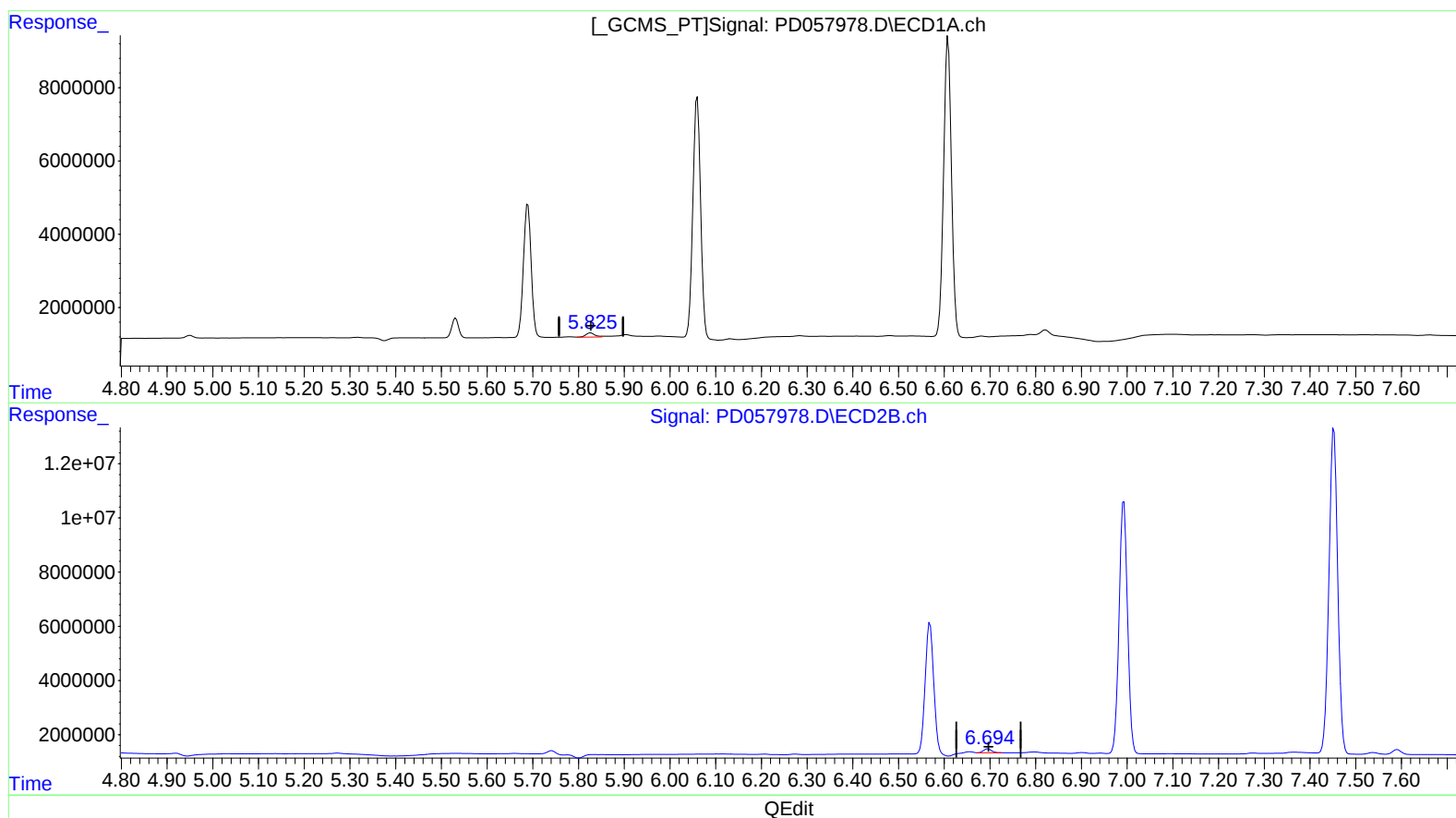
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LabSampleId :
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

5.827min 1.930 ng/ml

response 1568243

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

6.694min 1.340 ng/ml m

response 1793722

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Acq On : 15 May 2020 09:27
Operator : AJ\MA
Sample : PEM12
Misc :
ALS Vial : 3 Sample Multiplier: 1

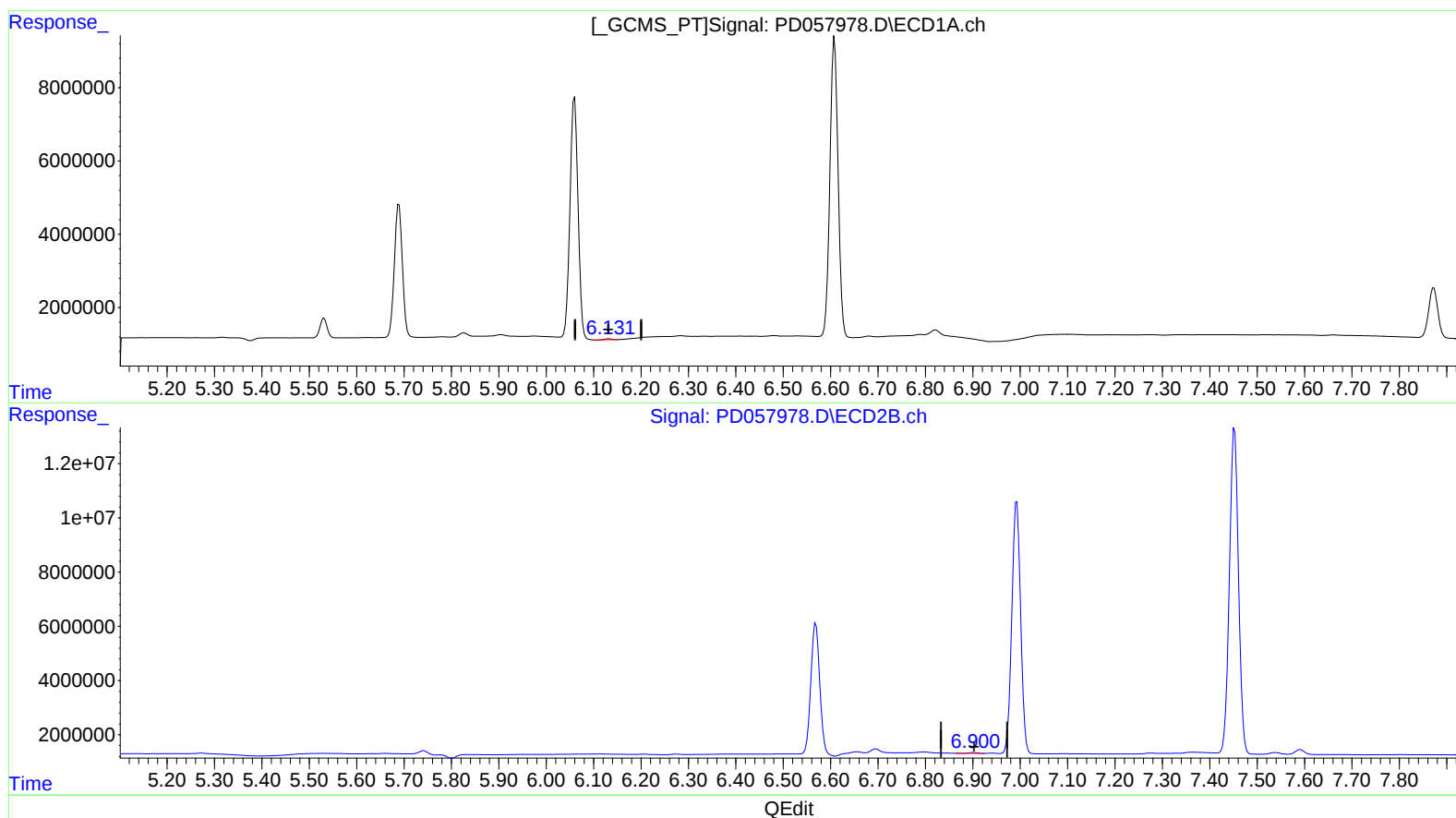
Instrument :
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LabSampleId :
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Response via : Initial Calibration
Integrator: ChemStation

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



(18) Endrin aldehyde (B)

6.132min 0.293 ng/ml

response 213064

(18) Endrin aldehyde #2 (B)

6.902min 0.330 ng/ml

response 404503

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Sample : PEM12
Misc :
ALS Vial : 3 Sample Multiplier: 1

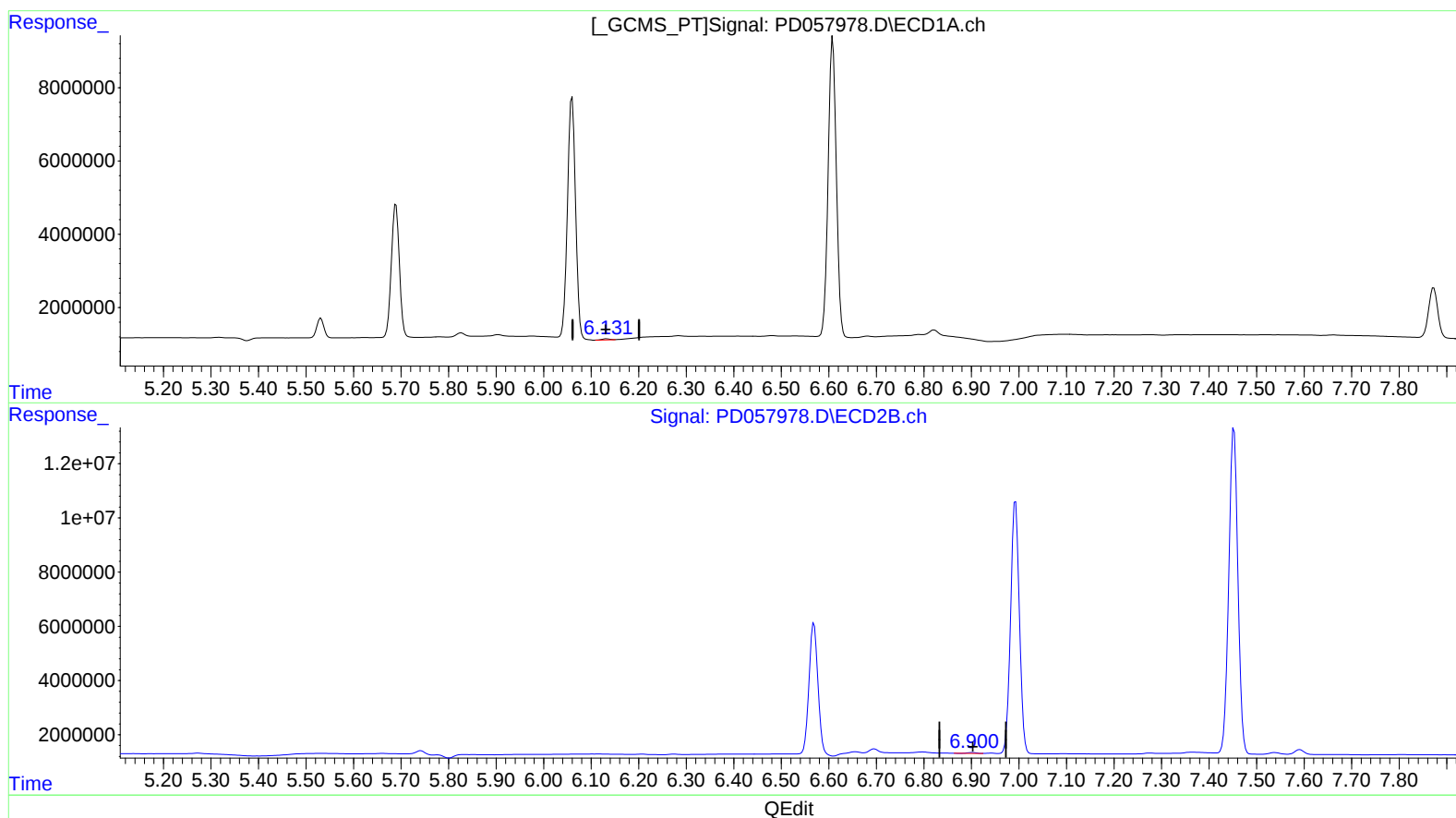
Instrument :
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LabSampleId :
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Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.131min 0.456 ng/ml m

response 331662

(18) Endrin aldehyde #2 (B)

6.902min 0.330 ng/ml

response 404503

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 Acq On : 15 May 2020 09:27
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 Sample : PEM12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 LabSampleId :
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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

System Monitoring Compounds						
1) SA Tetrachlo...	3.228	3.895	15878989	25117979	19.017	18.293
27) SA Decachlor...	7.873	8.899	18325548	26566083	19.065	18.347
Target Compounds						
2) A alpha-BHC	3.651	4.279	11090487	17654758	9.534	9.292
3) MA gamma-BHC...	3.923	4.559	11863313	13951983	10.120	7.723
6) B beta-BHC	4.171	4.730	5061379	8079795	10.344	9.924
12) B 4,4'-DDE	5.316	6.206	148027	187433	0.158m	0.119m
14) MA Endrin	5.689	6.567	42972663	64249491	47.778	42.353m
16) A 4,4'-DDD	5.827	6.694	1568243	1793722	1.930	1.340m#
17) MA 4,4'-DDT	6.060	6.993	78256024	120.2E6	95.334	84.610
18) B Endrin al...	6.131	6.902	331662	404503	0.456m	0.330 #
20) A Methoxychlor	6.608	7.452	98358167	161.3E6	228.568	208.354
21) B Endrin ke...	6.822	7.591	2018215	2337944	1.968	1.526

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