

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
Data File : PD052146.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Mar 2019 7:37
Operator : AJ\SJ
Sample : PEM16
Misc :
ALS Vial : 3 Sample Multiplier: 1

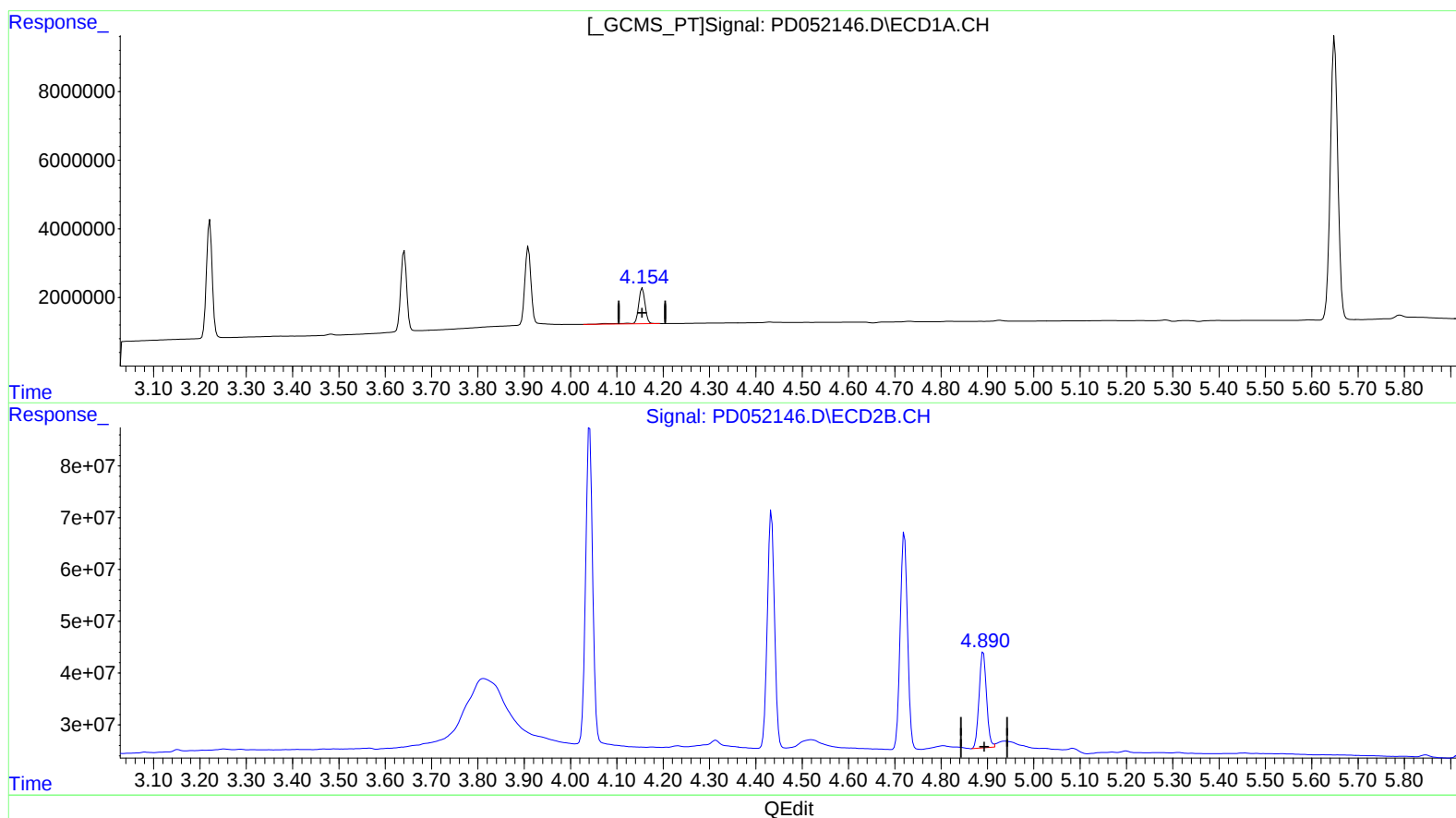
Instrument :
ECD_D
LabSampleId :
PEM16

Manual Integrations
APPROVED

mohammad
3/27/2019 11:25:01 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 08:01:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032519CLP.M
Quant Title : GC Extractables
QLast Update : Mon Mar 25 18:59:03 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



(6) beta-BHC (B)

4.155min 10.985 ng/ml

response 10512981

(6) beta-BHC #2 (B)

4.891min 11.240 ng/ml

response 206228935

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
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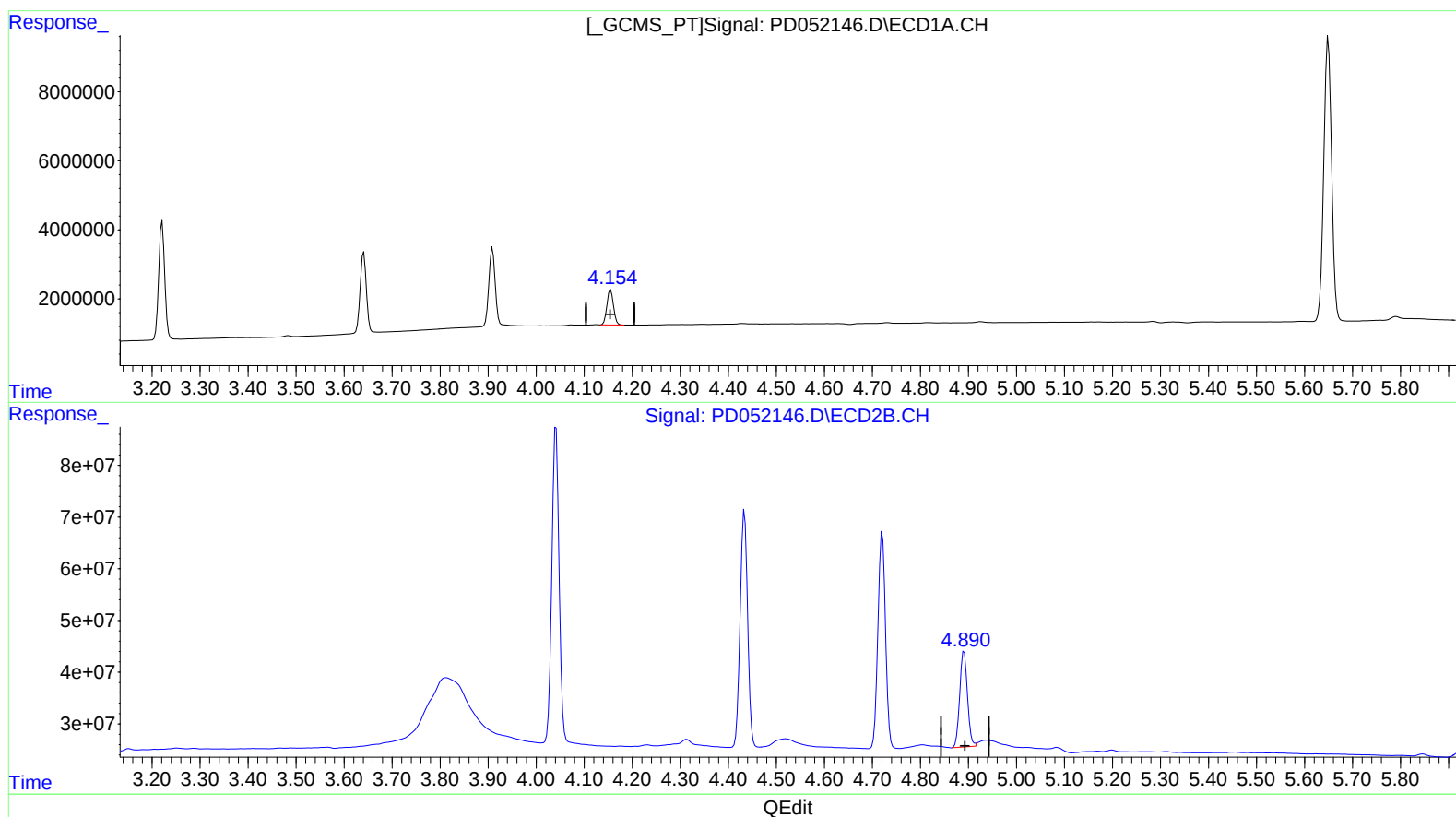
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(6) beta-BHC (B)
4.154min 10.144 ng/ml m
response 9708070

(6) beta-BHC #2 (B)
4.891min 11.240 ng/ml
response 206228935

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
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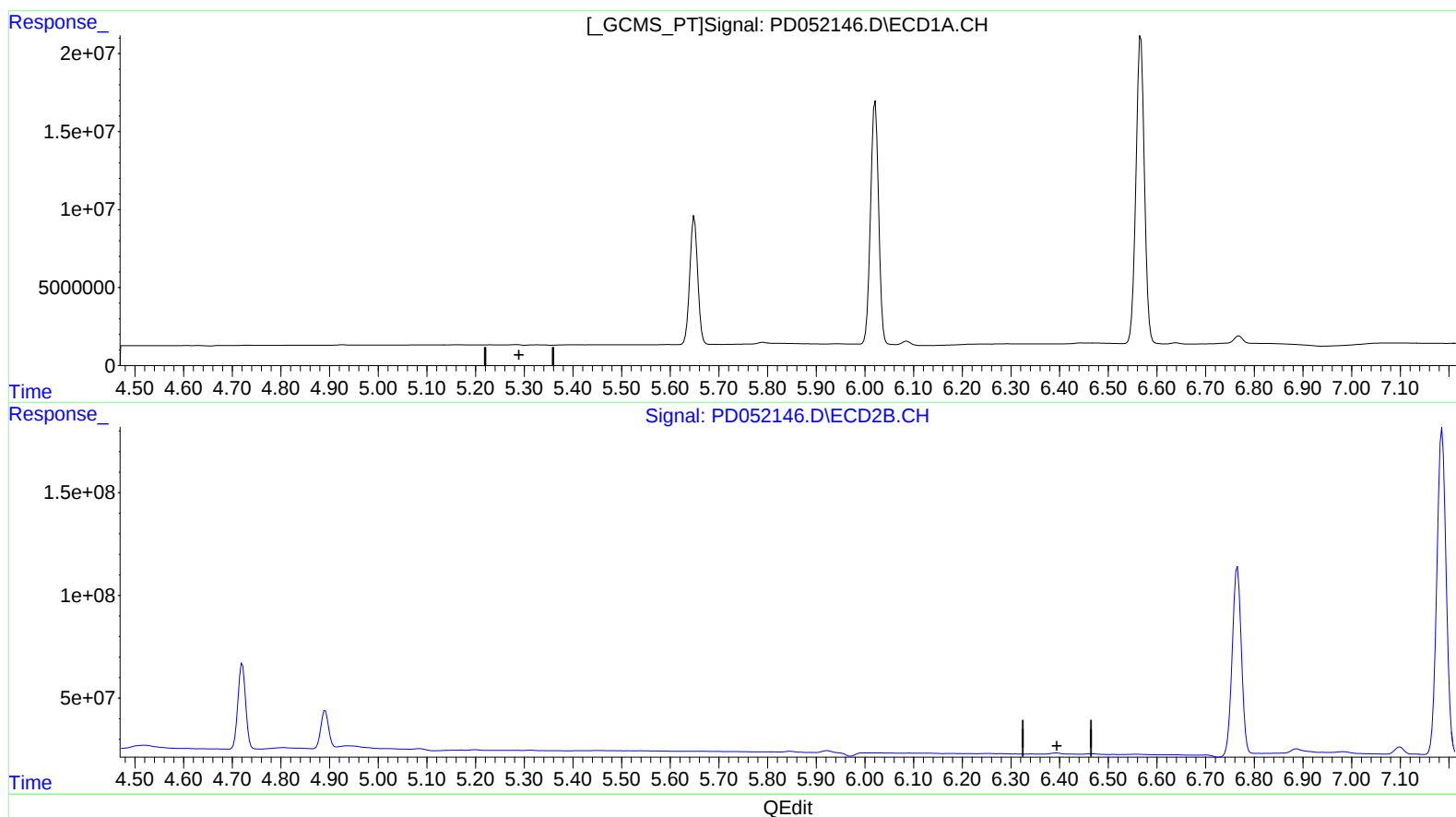
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(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\PD032619\
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Sample : PEM16
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ALS Vial : 3 Sample Multiplier: 1

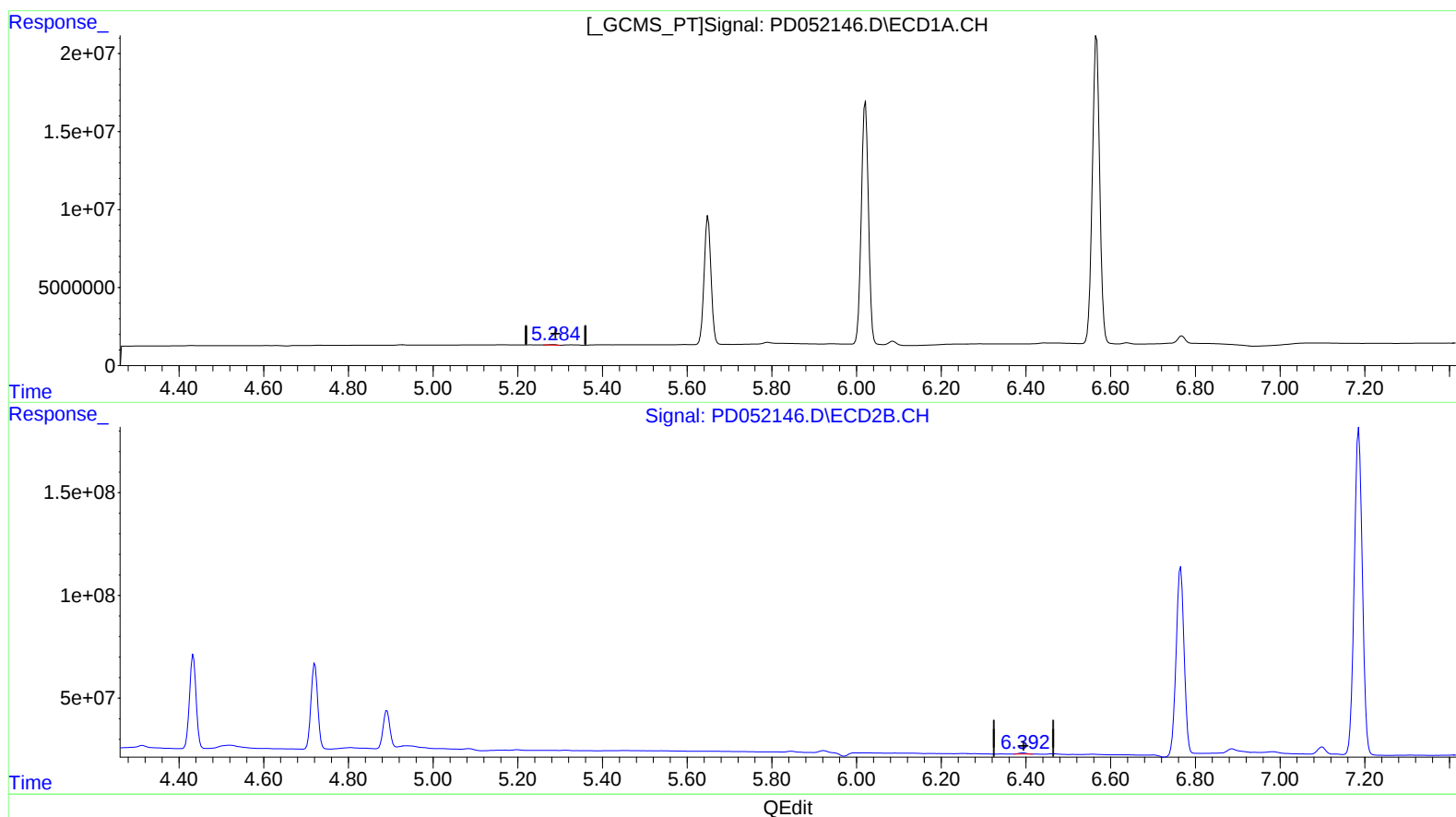
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

5.284min 0.178 ng/ml m

response 358698

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

6.392min 0.236 ng/ml m

response 7205332

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Sample : PEM16
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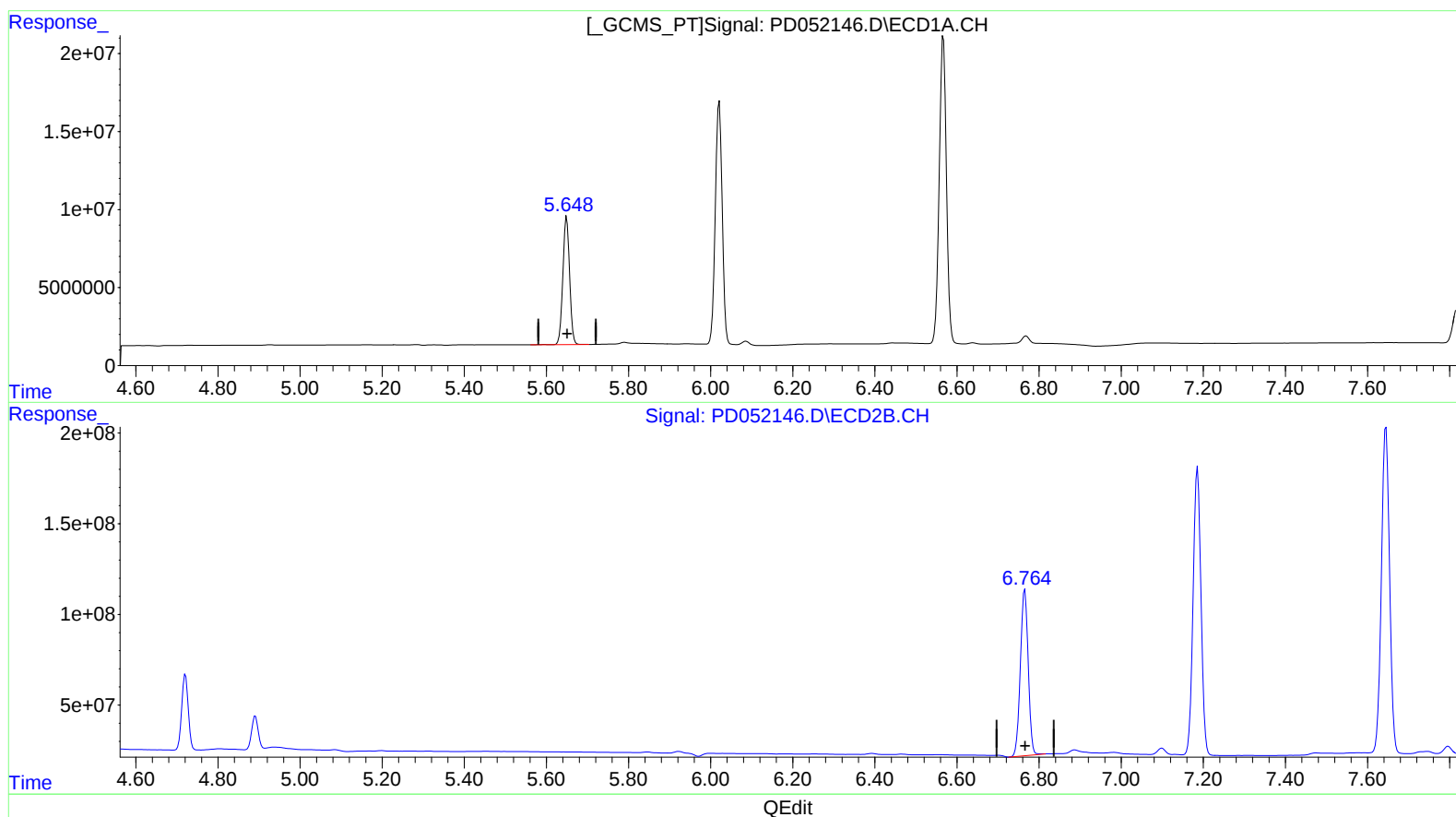
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)
5.649min 52.287 ng/ml
response 93185896

(14) Endrin #2 (MA)
6.765min 52.544 ng/ml
response 1209552826

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Sample : PEM16
Misc :
ALS Vial : 3 Sample Multiplier: 1

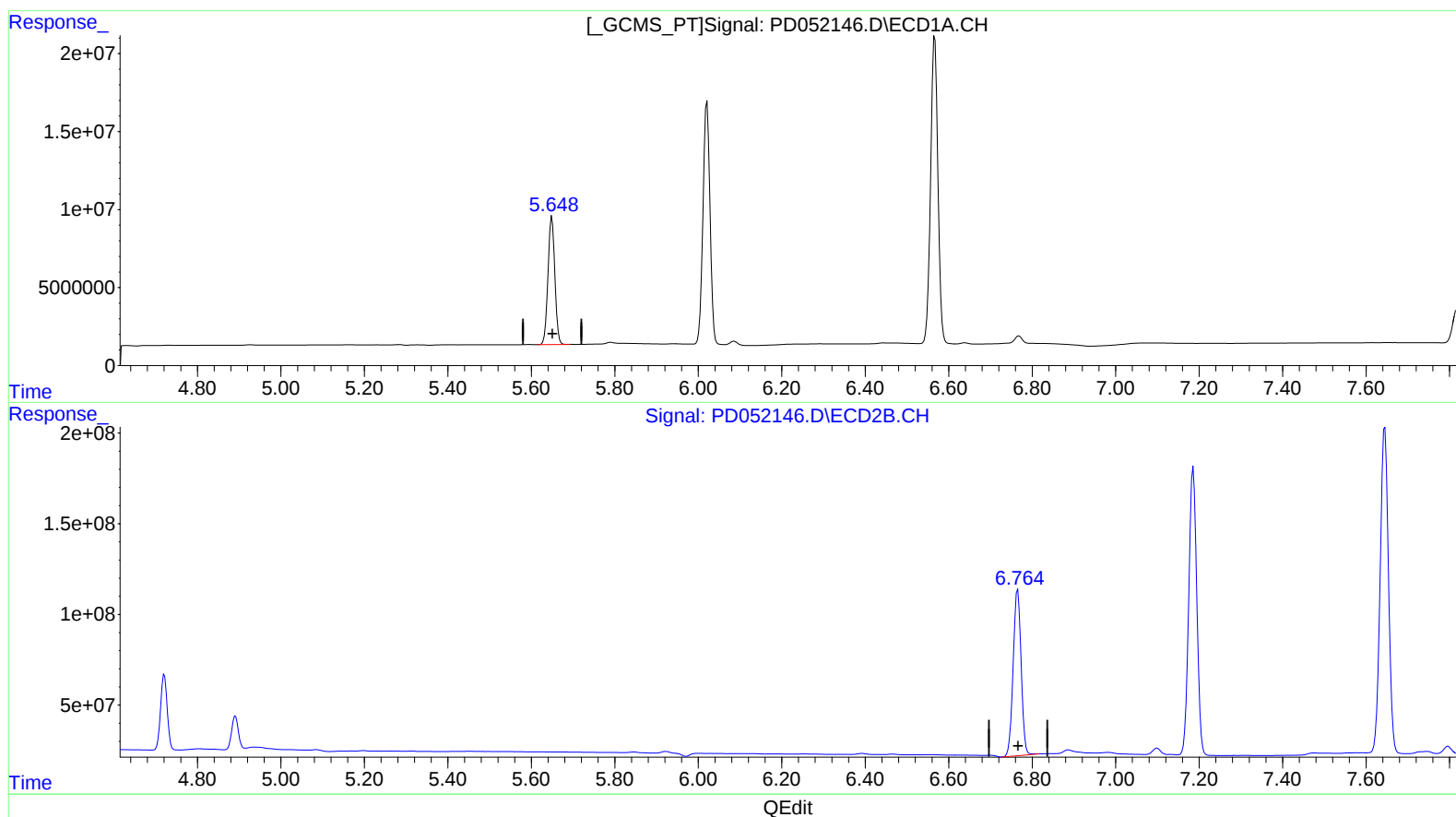
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)
5.648min 52.252 ng/ml m
response 93122234

(14) Endrin #2 (MA)
6.765min 52.544 ng/ml
response 1209552826

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : PEM16
Misc :
ALS Vial : 3 Sample Multiplier: 1

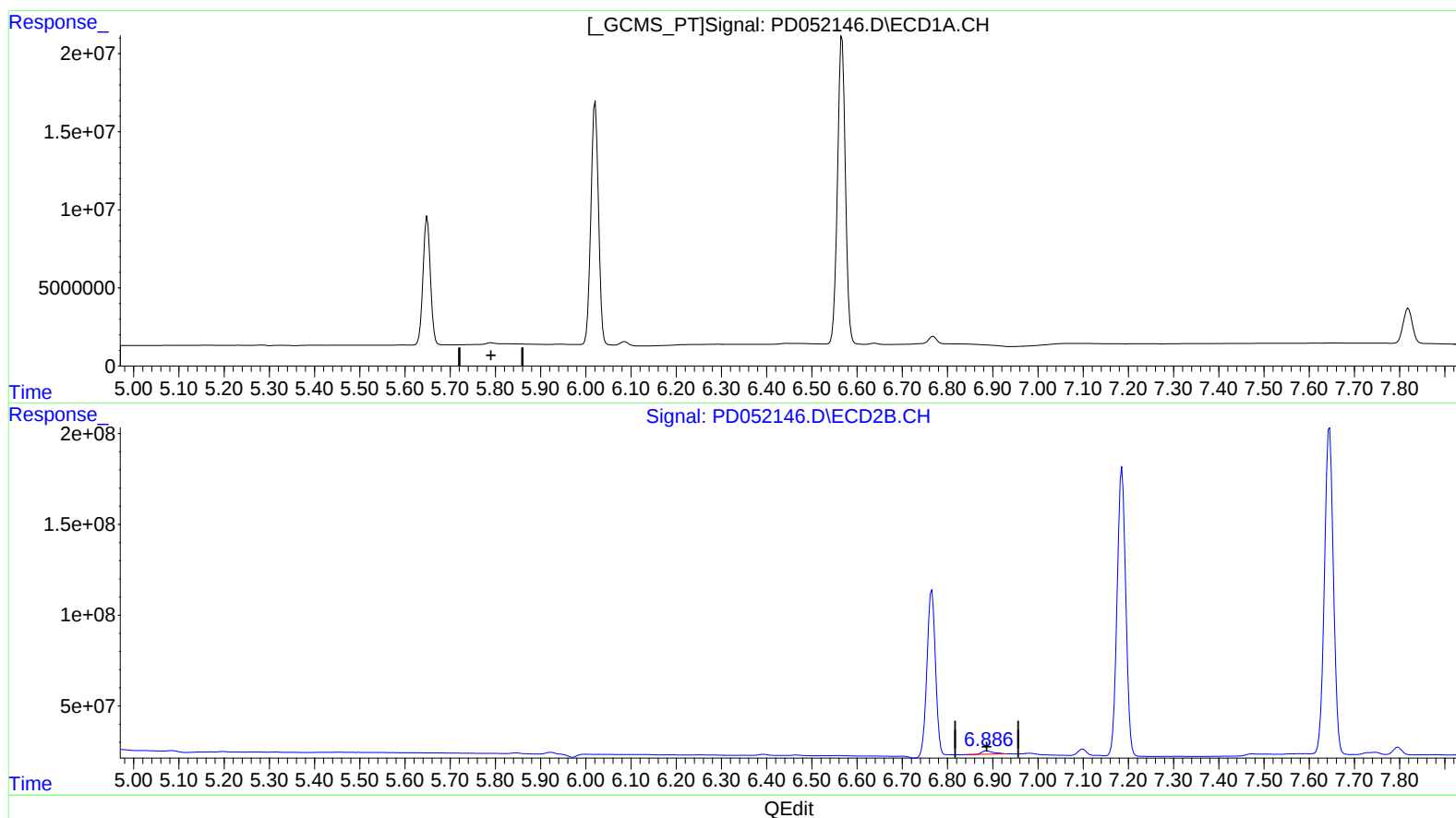
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LabSampleId :
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Manual Integrations
APPROVED

mohammad
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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)
6.887min 1.414 ng/ml
response 33675233

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
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Operator : AJ\SJ
Sample : PEM16
Misc :
ALS Vial : 3 Sample Multiplier: 1

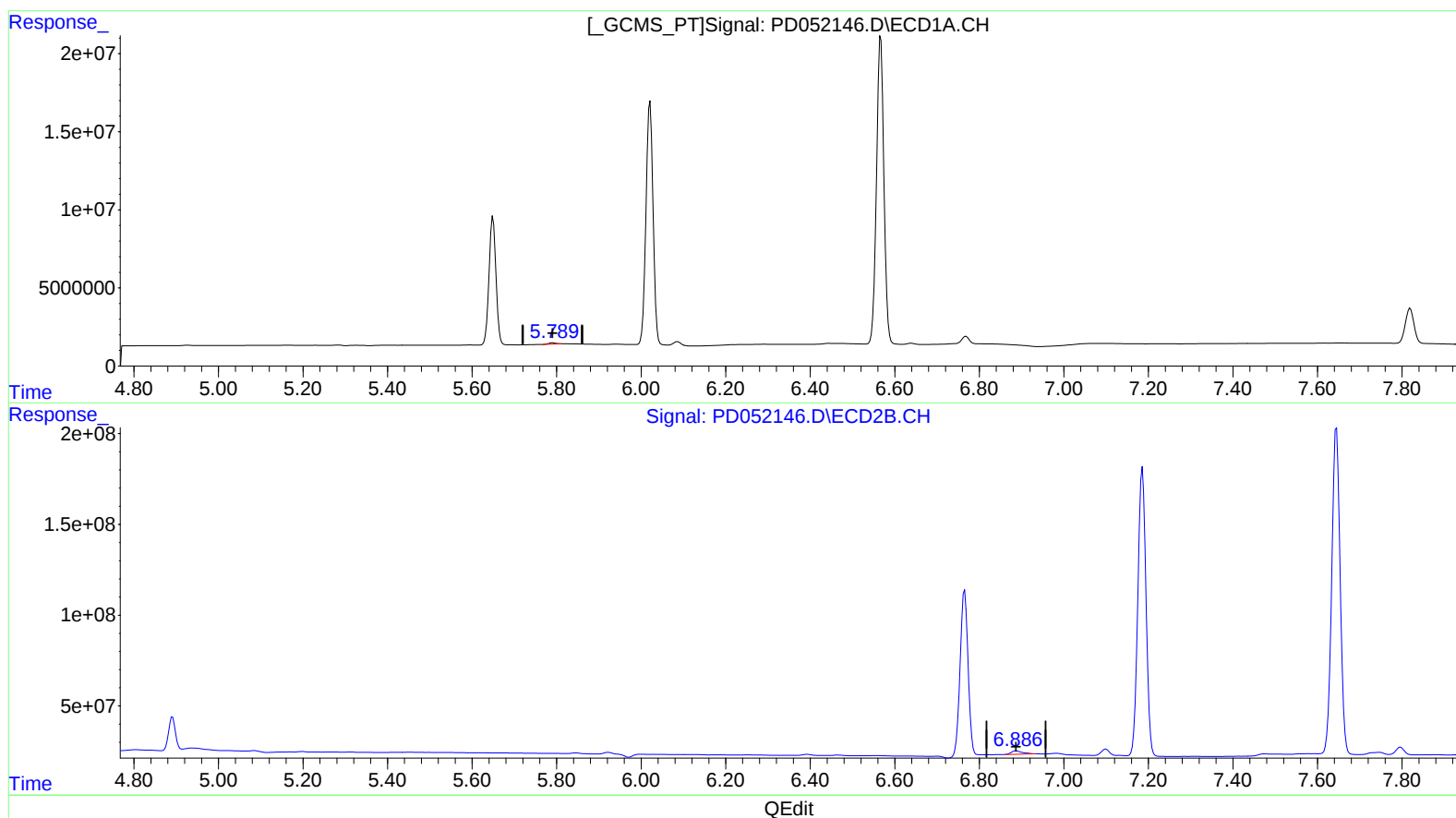
Instrument :
ECD_D
LabSampleId :
PEM16

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)

5.789min 0.608 ng/ml m

response 1020515

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

6.886min 1.446 ng/ml m

response 34433039

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
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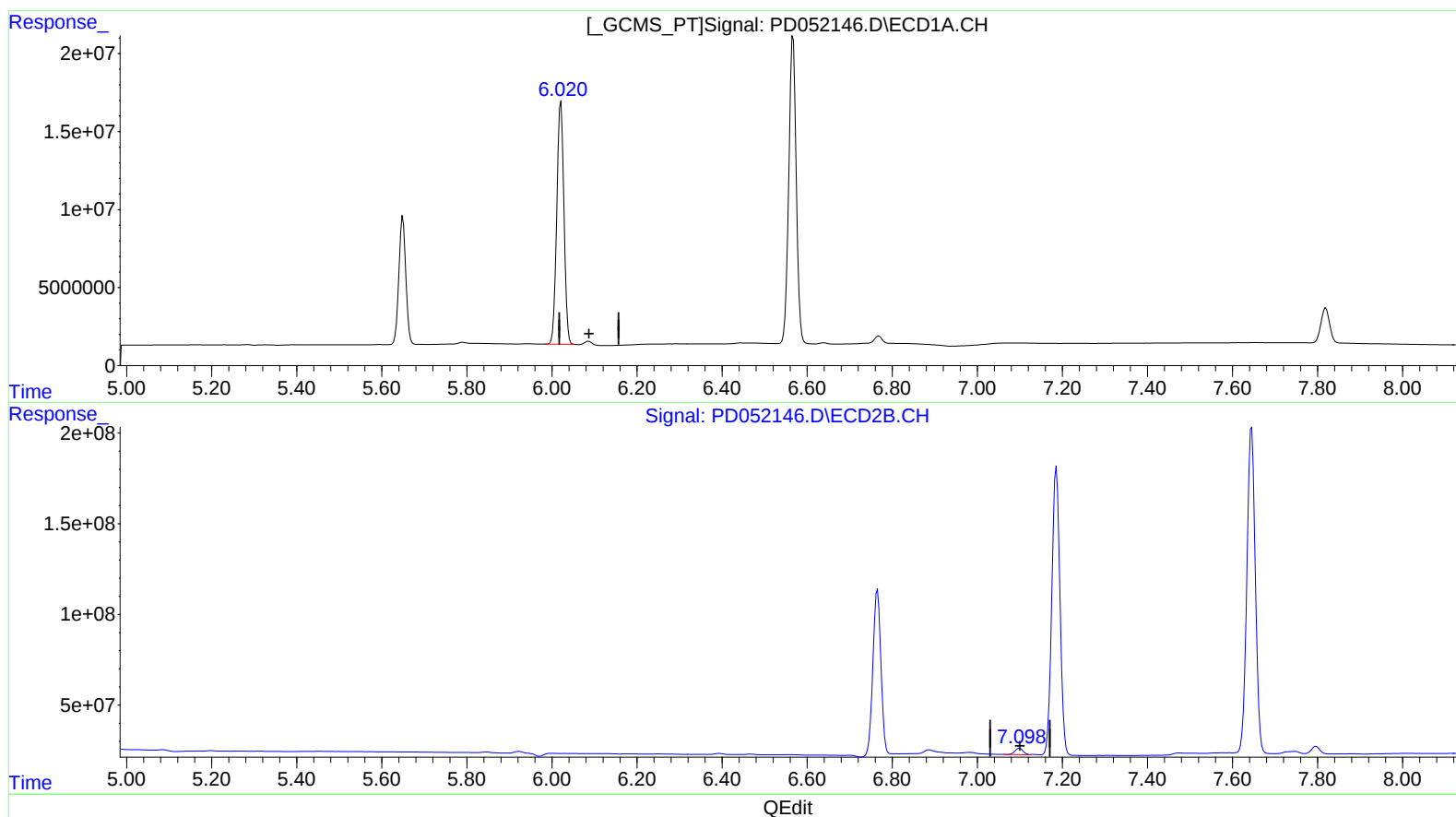
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.021min 118.529 ng/ml

response 181747511

(18) Endrin aldehyde #2 (B)

7.099min 2.308 ng/ml

response 47276139

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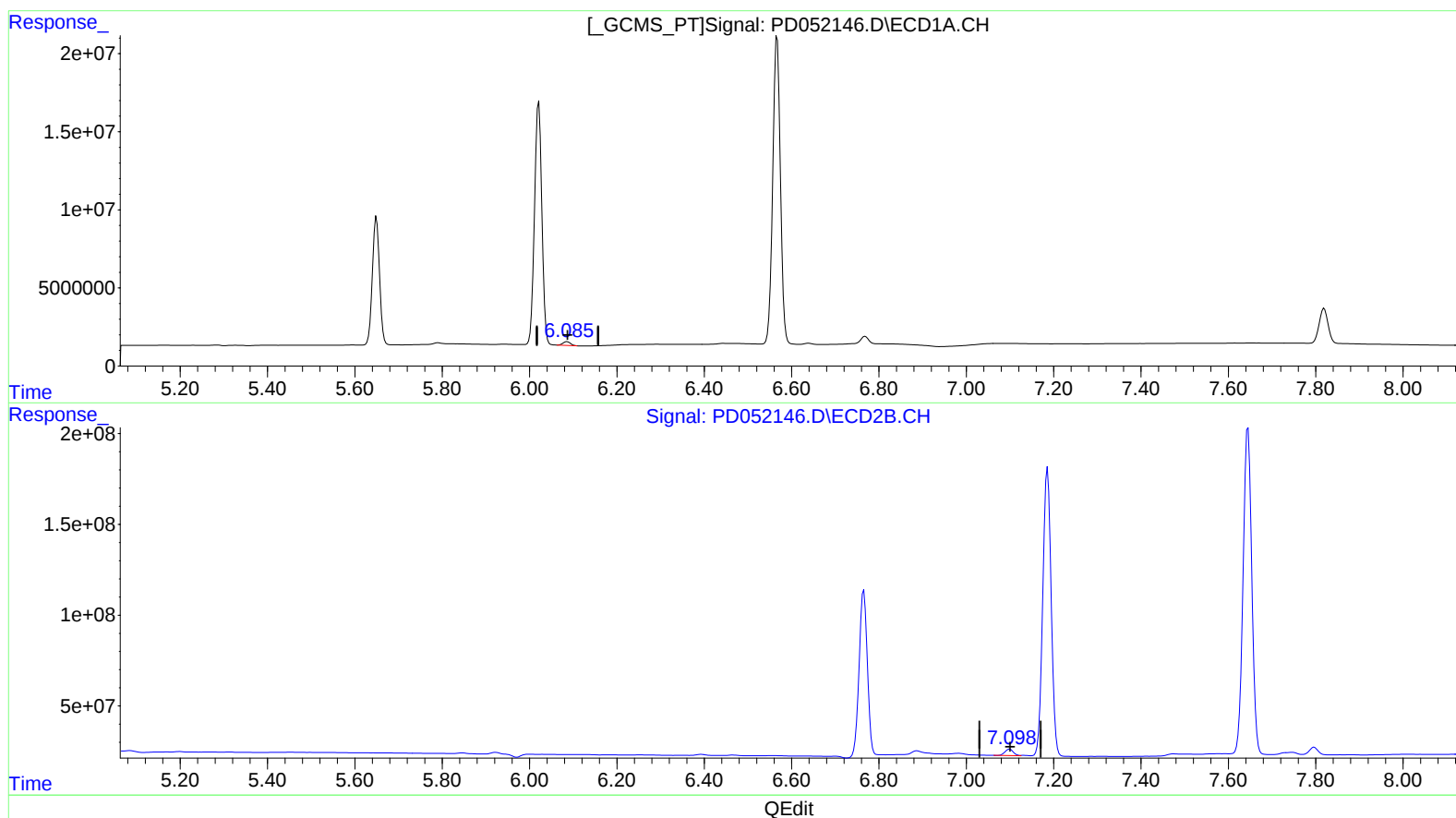
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Manual Integrations
APPROVED

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.085min 1.915 ng/ml m

response 2936945

(18) Endrin aldehyde #2 (B)

7.099min 2.308 ng/ml

response 47276139

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
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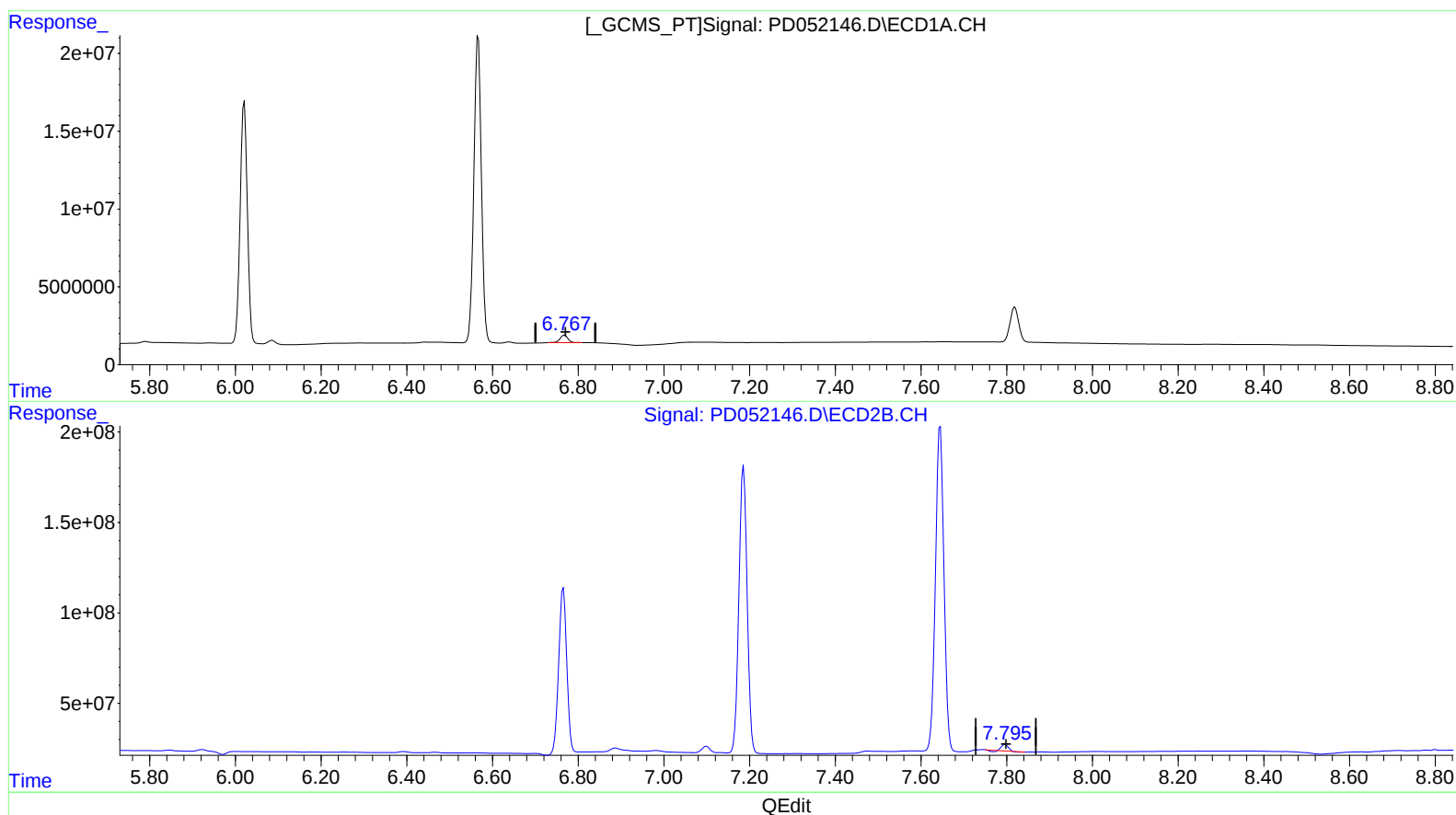
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(21) Endrin ketone (B)

6.769min 3.048 ng/ml

response 6047790

(21) Endrin ketone #2 (B)

7.797min 1.623 ng/ml

response 32526976

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
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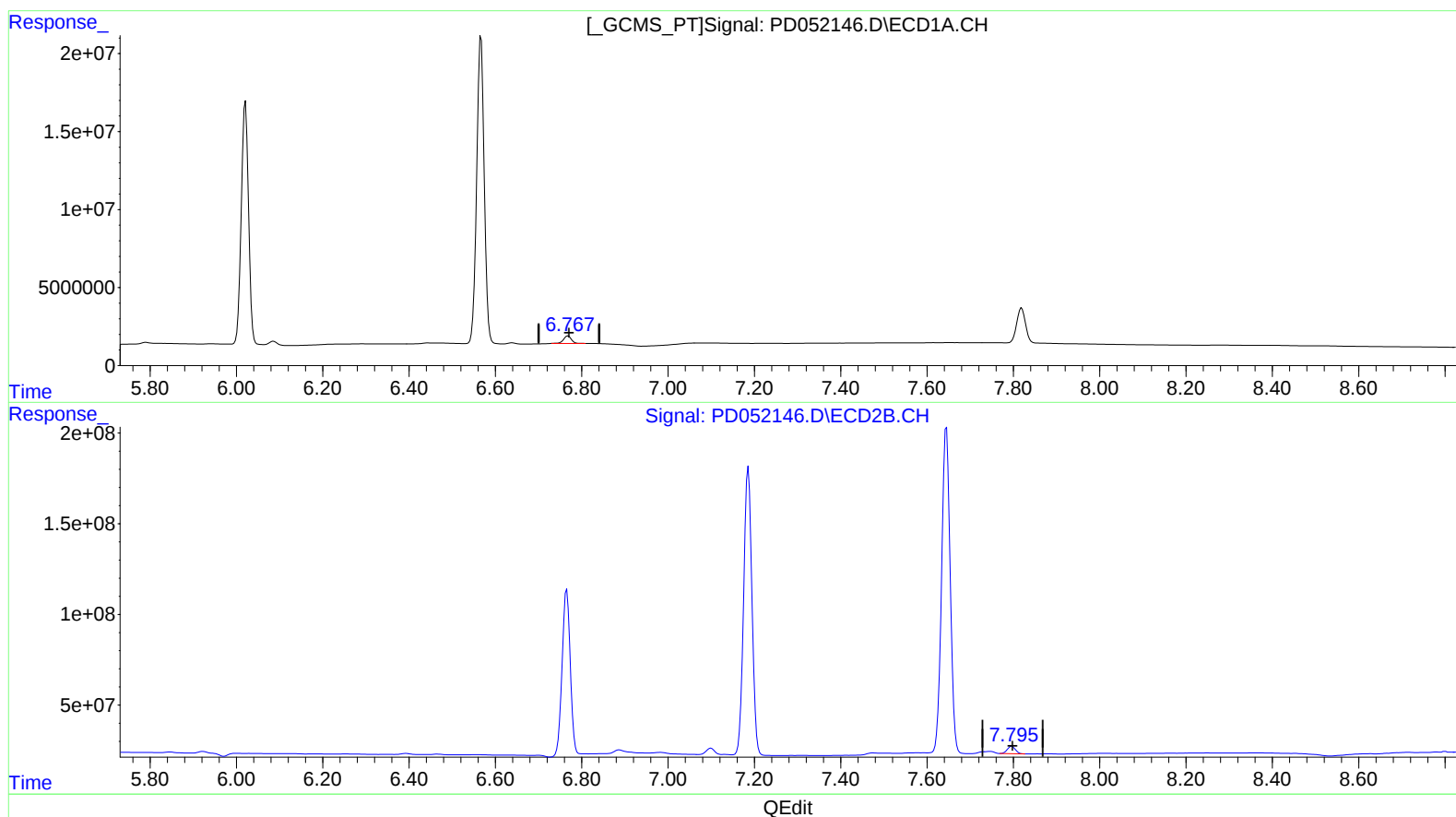
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(21) Endrin ketone (B)

6.769min 3.048 ng/ml

response 6047790

(21) Endrin ketone #2 (B)

7.795min 2.658 ng/ml m

response 53293188

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032619\
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 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 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...	3.221	4.041	30034961	648.6E6	21.160	22.290
27) SA Decachlor...	7.819	9.154	31905794	357.4E6	20.376	23.155
Target Compounds						
2) A alpha-BHC	3.641	4.434	21084155	494.8E6	9.240	11.315
3) MA gamma-BHC...	3.909	4.721	21324056	458.1E6	9.516	11.530
6) B beta-BHC	4.154	4.891	9708070	206.2E6	10.144m	11.240
12) B 4,4'-DDE	5.284	6.392	358698	7205332	0.178m	0.236m#
14) MA Endrin	5.648	6.765	93122234	1209.6E6	52.252m	52.544
16) A 4,4'-DDD	5.789	6.886	1020515	34433039	0.608m	1.446m#
17) MA 4,4'-DDT	6.021	7.186	181.7E6	2114.4E6	110.729	109.497
18) B Endrin al...	6.085	7.099	2936945	47276139	1.915m	2.308
20) A Methoxychlor	6.567	7.645	239.5E6	2478.6E6	252.240	266.476
21) B Endrin ke...	6.769	7.795	6047790	53293188	3.048	2.658m

S.J
 04/02/19

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