

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
Data File : PD066847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Nov 2021 17:29
Operator : AR\AJ
Sample : M4419-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

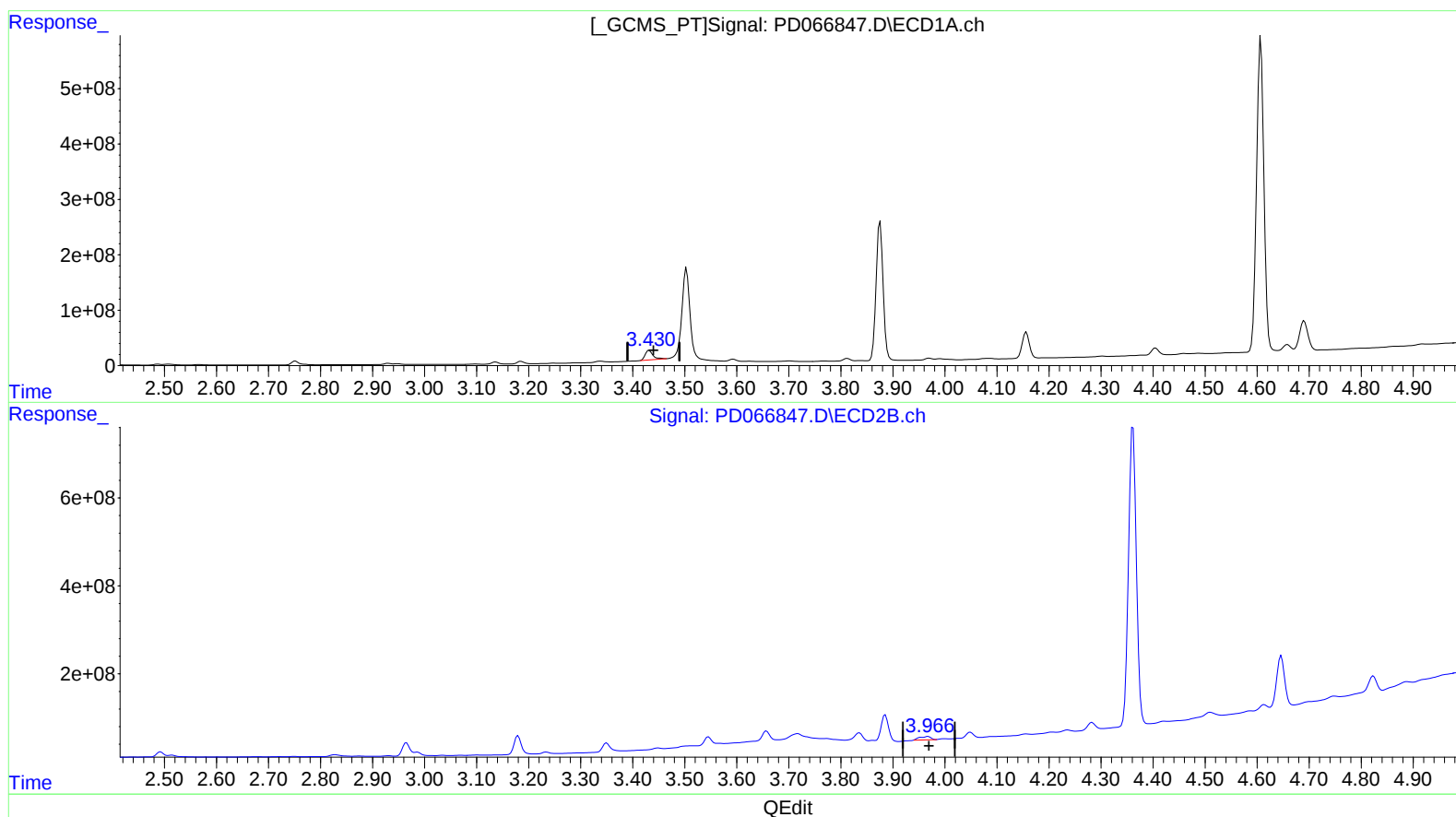
Instrument :
ECD_D
ClientSampleId :
C0HF5

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 02:09:02 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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



(1) Tetrachloro-m-xylene (SA)

3.432min 92.975 ng/ml

response 179728005

(1) Tetrachloro-m-xylene #2 (SA)

3.967min 13.317 ng/ml

response 115330283

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Sample : M4419-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

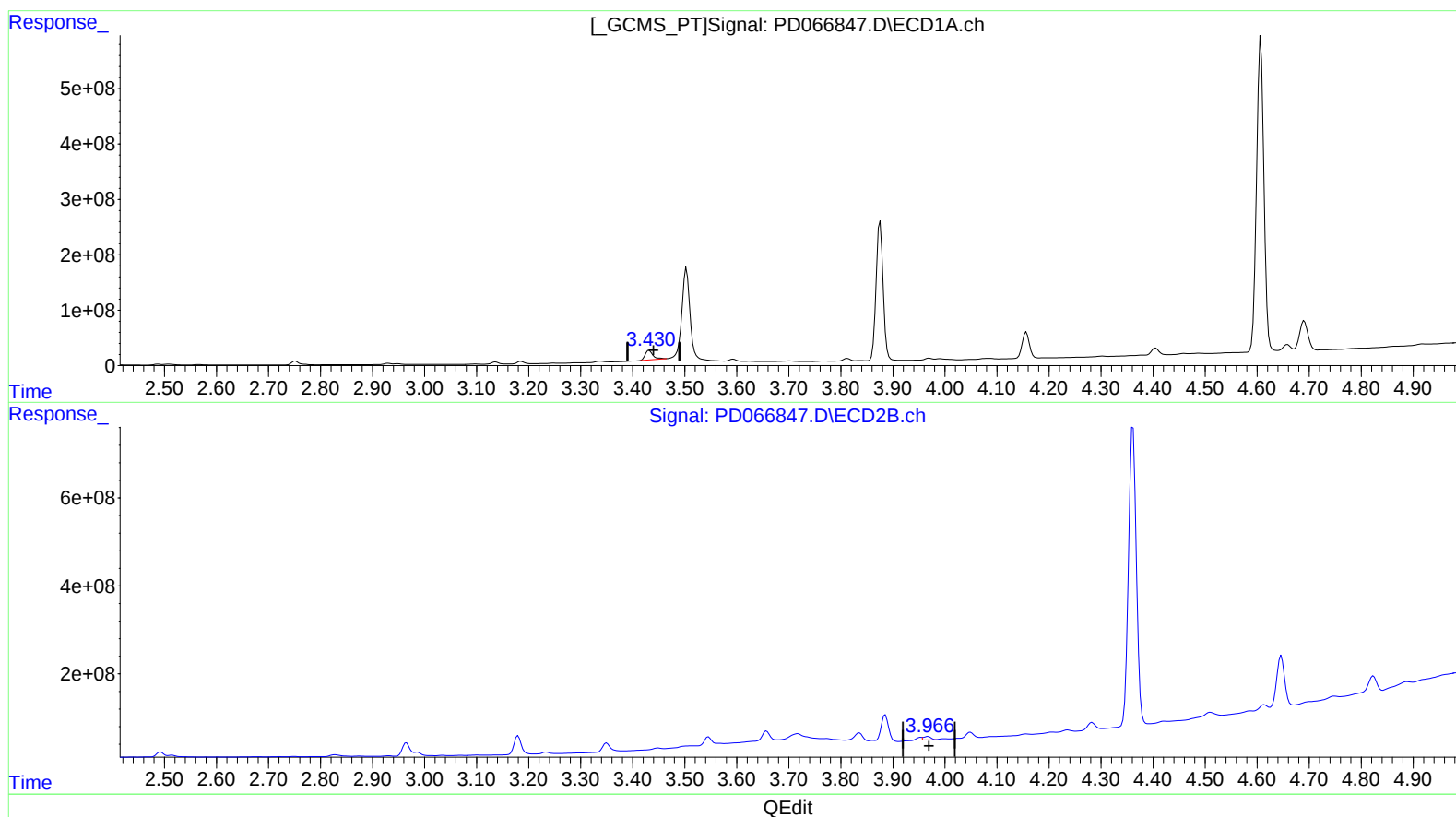
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(1) Tetrachloro-m-xylene (SA)

3.432min 92.975 ng/ml

response 179728005

(1) Tetrachloro-m-xylene #2 (SA)

3.966min 9.233 ng/ml m

response 79960175

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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Sample : M4419-06
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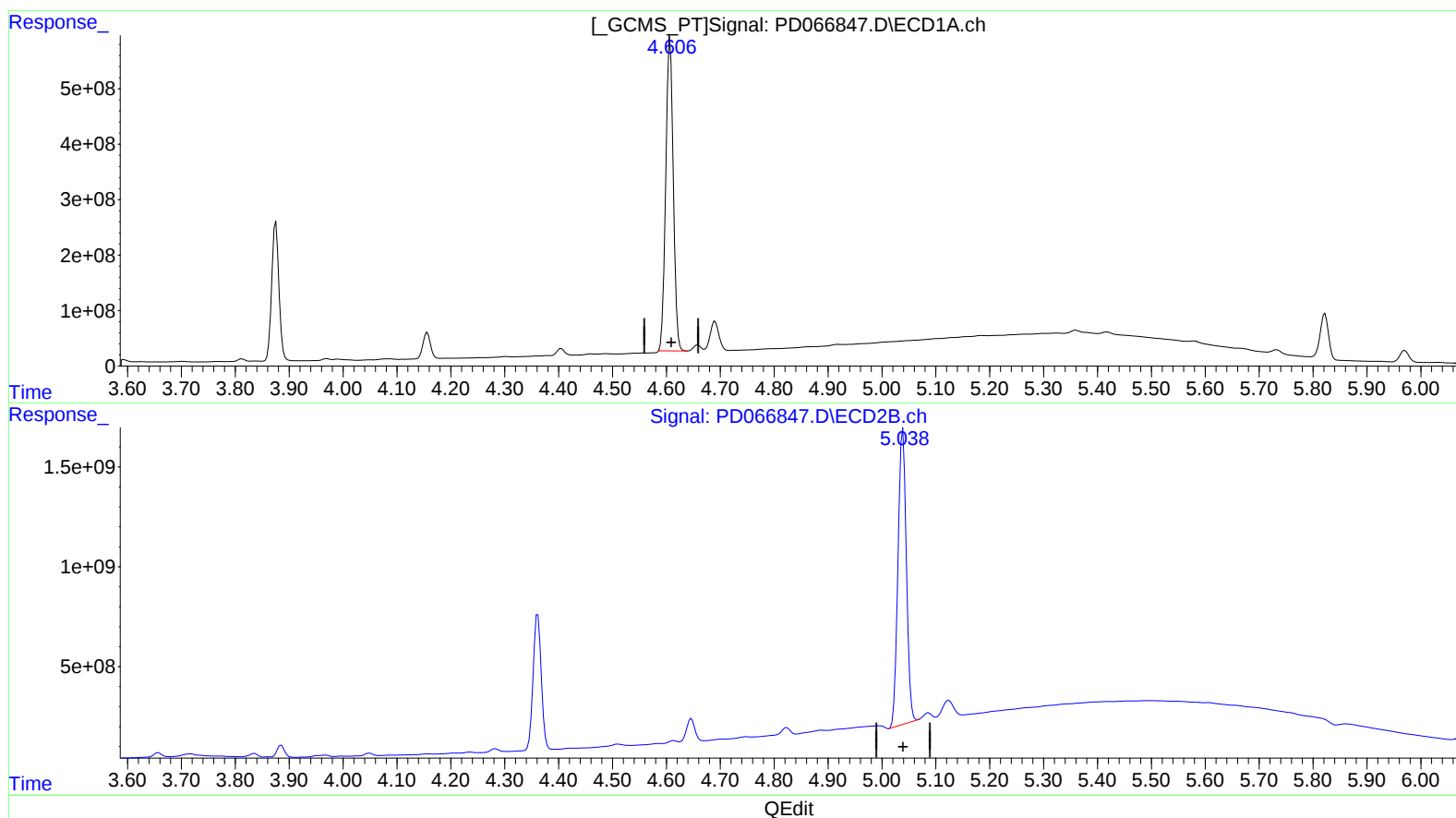
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(7) delta-BHC (B)

4.607min 2079.006 ng/ml

response 5510573850

(7) delta-BHC #2 (B)

5.039min 1244.475 ng/ml

response 12311687466

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Misc :
ALS Vial : 20 Sample Multiplier: 1

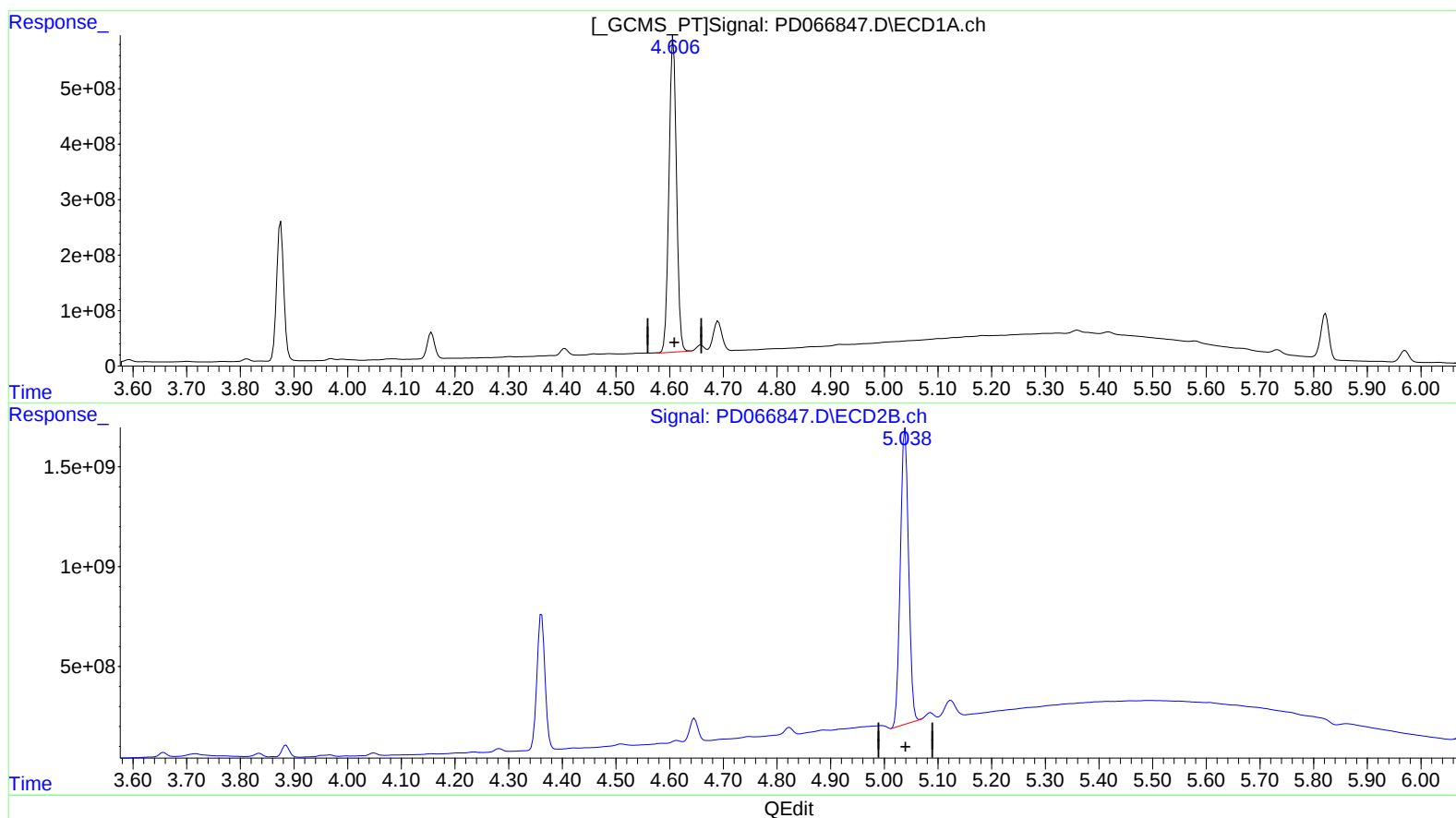
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(7) delta-BHC (B)

4.606min 2104.255 ng/ml m

response 5577498767

(7) delta-BHC #2 (B)

5.039min 1244.475 ng/ml

response 12311687466

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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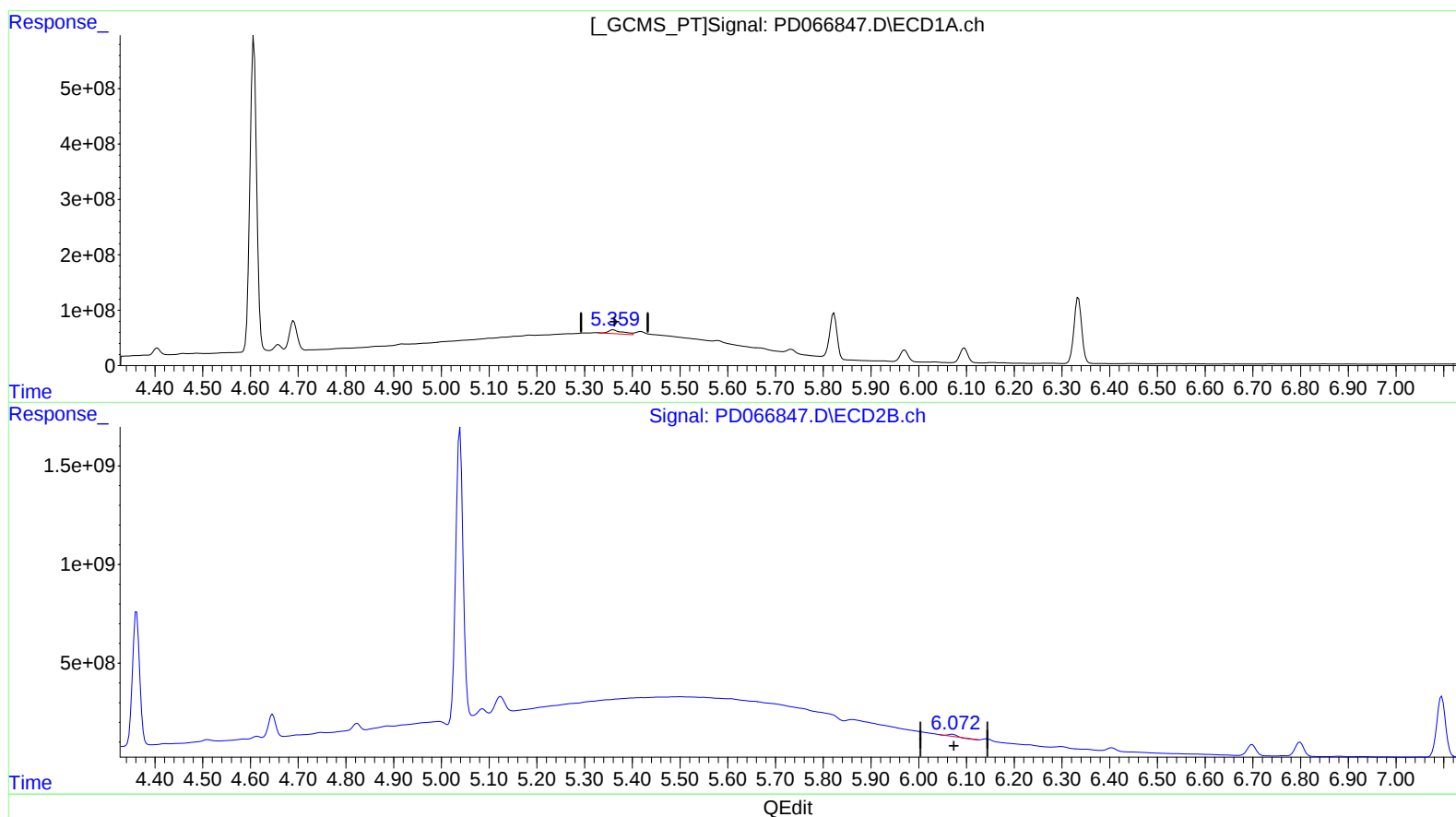
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.360min 57.122 ng/ml

response 147644113

(10) trans-Chlordane #2 (B)

6.071min 12.609 ng/ml

response 108584142

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Sample : M4419-06
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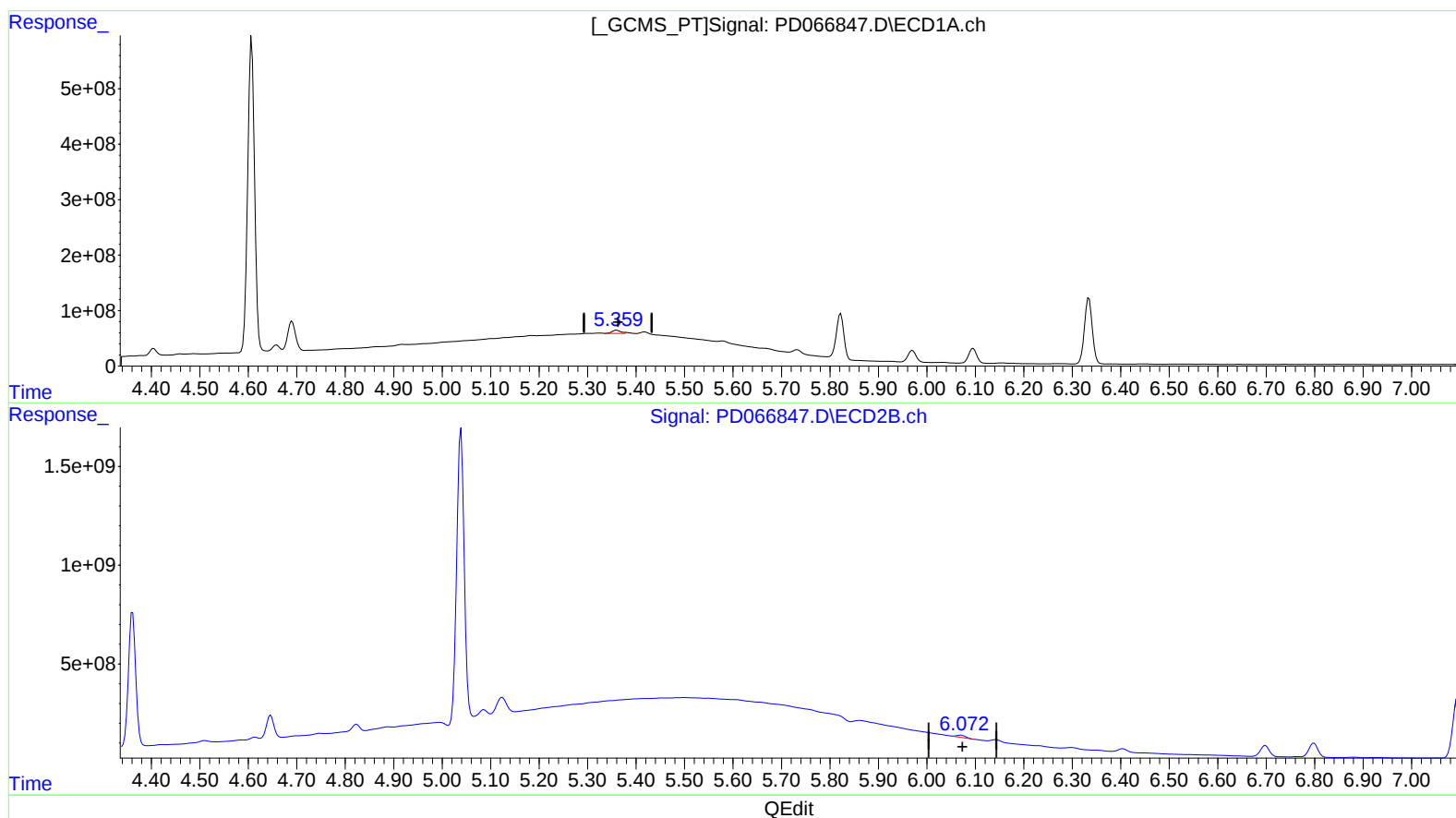
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)
5.359min 27.272 ng/ml m
response 70489778

(10) trans-Chlordane #2 (B)
6.072min 16.364 ng/ml m
response 140918899

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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ALS Vial : 20 Sample Multiplier: 1

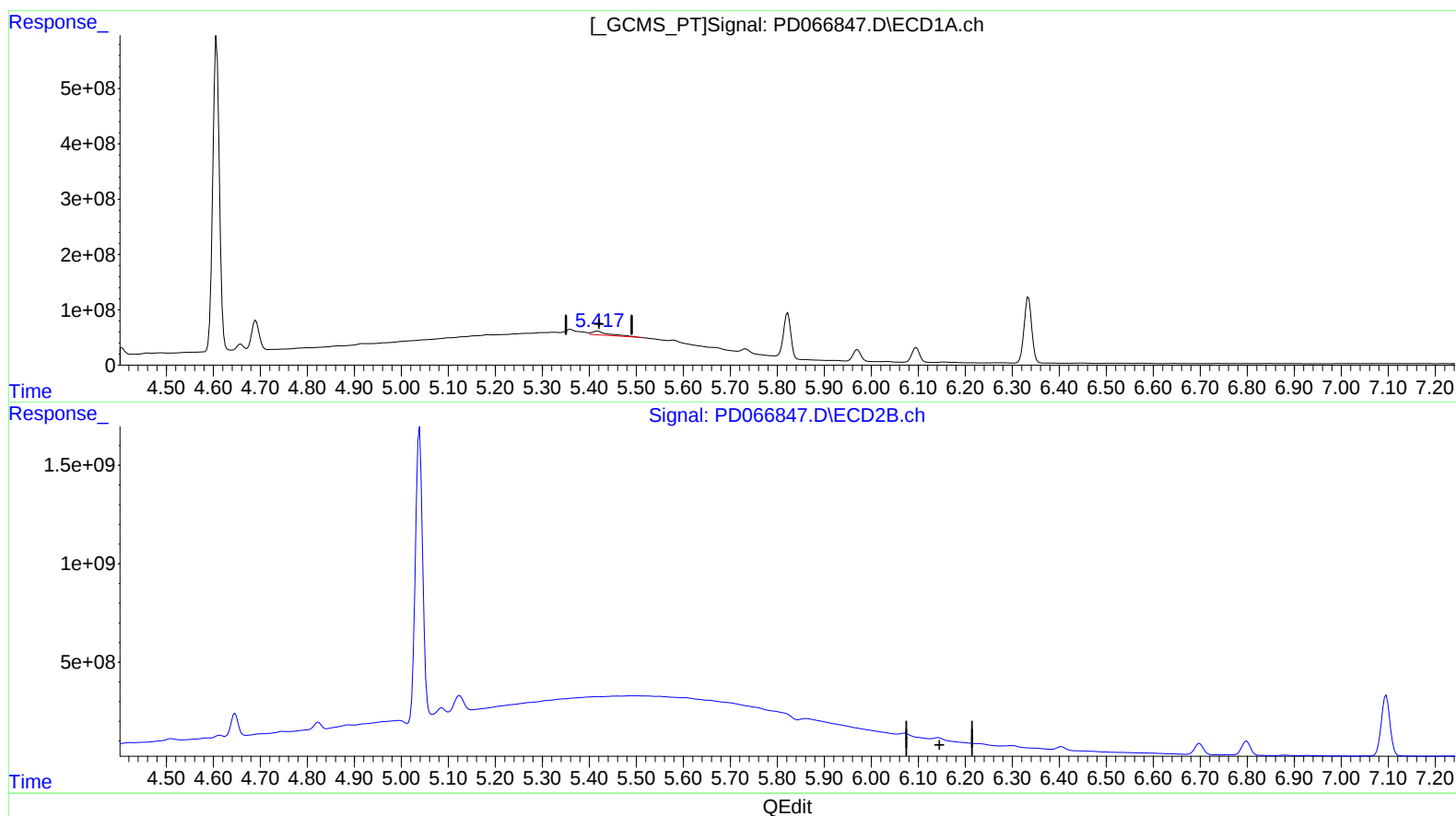
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ClientSampleId :
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Manual IntegrationsAPPROVED

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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



(11) cis-Chlordane (B)

5.418min 64.951 ng/ml

response 165468984

(11) cis-Chlordane #2 (B)

6.142min -1.899 ng/ml

response -16291691

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ALS Vial : 20 Sample Multiplier: 1

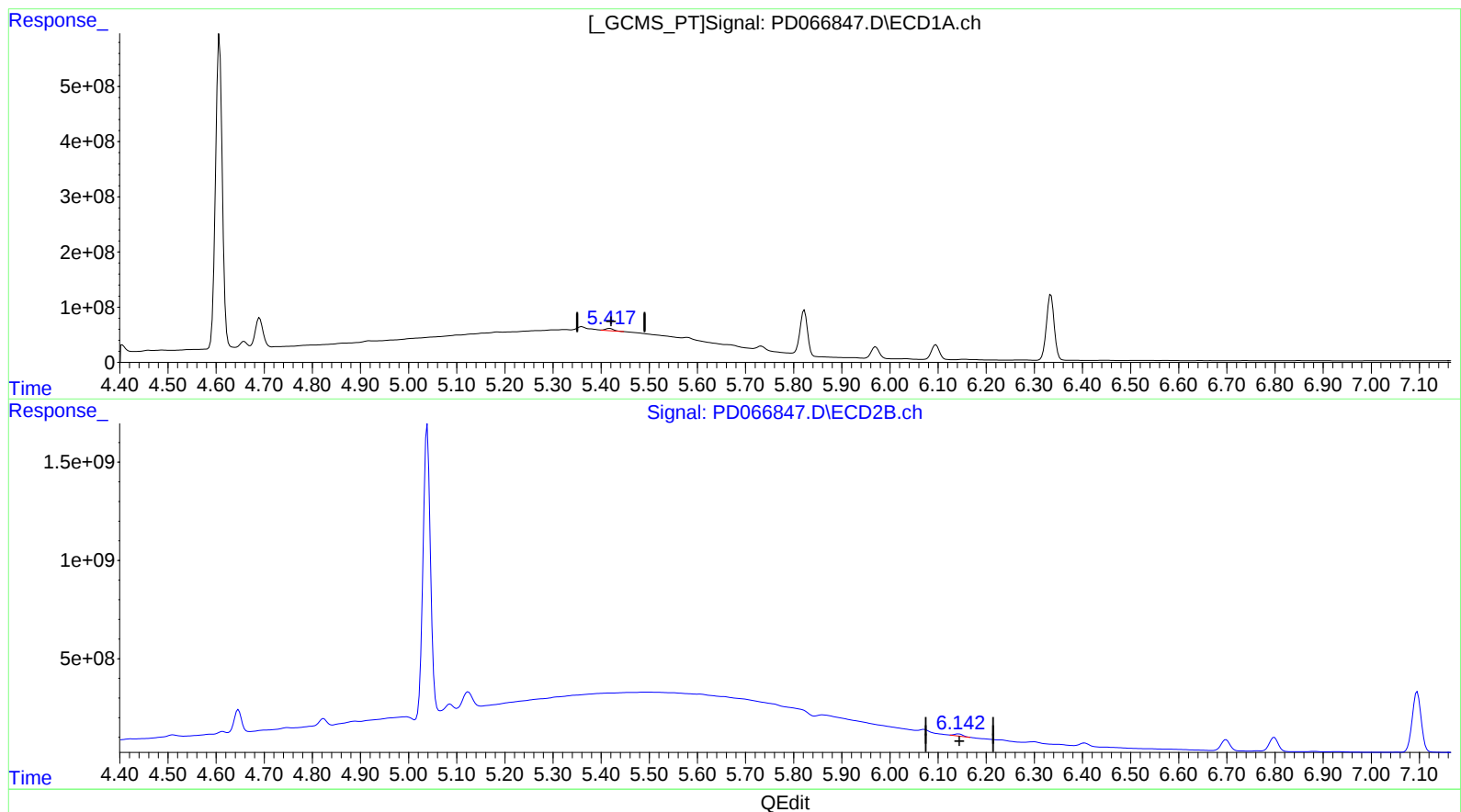
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(11) cis-Chlordane (B)
5.417min 18.846 ng/ml m
response 48013236

(11) cis-Chlordane #2 (B)
6.142min 15.413 ng/ml m
response 132258894

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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Operator : AR\AJ
Sample : M4419-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

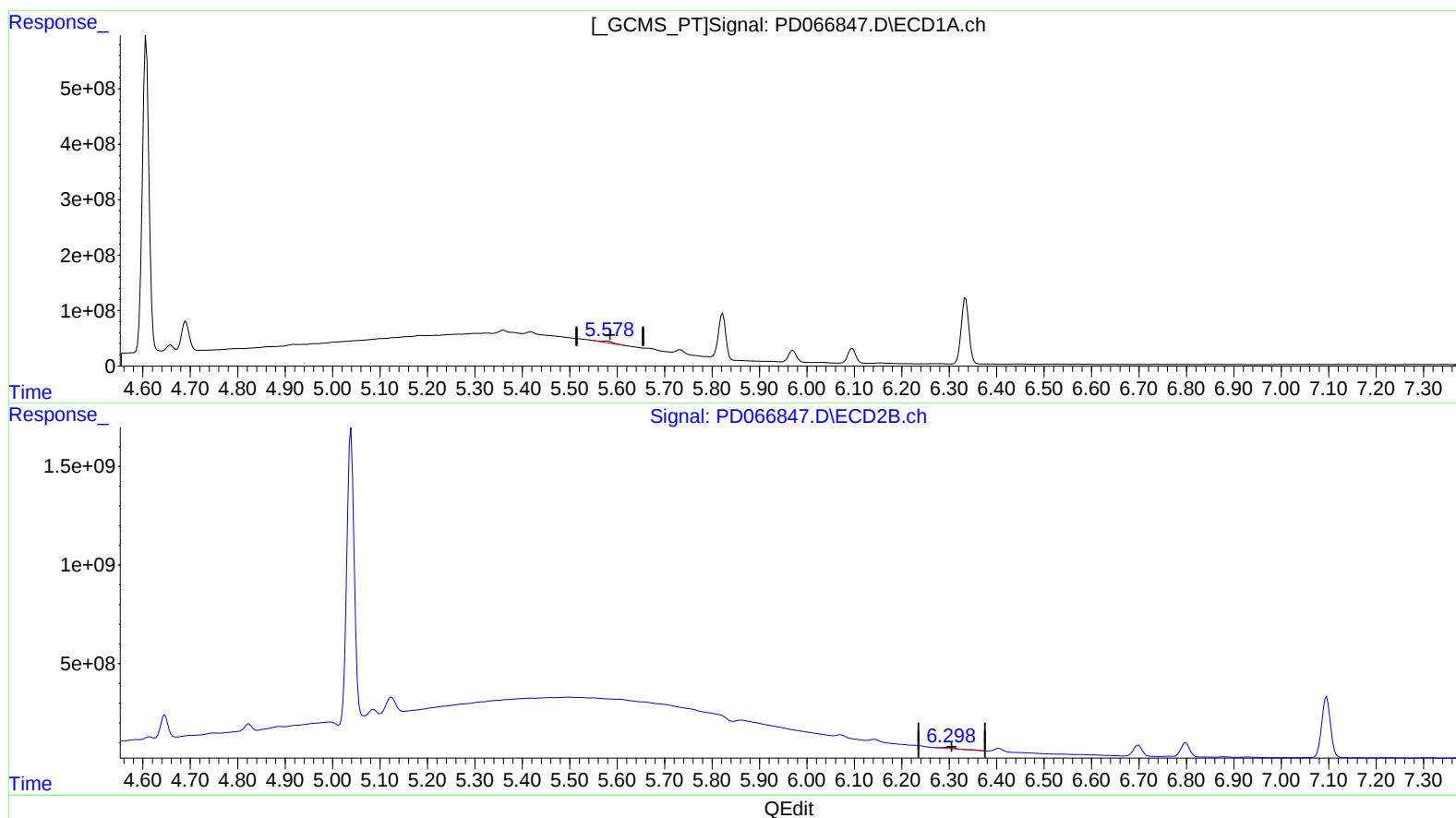
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.579min 15.657 ng/ml
response 35761244

(12) 4,4'-DDE #2 (B)
6.299min 13.573 ng/ml
response 103355811

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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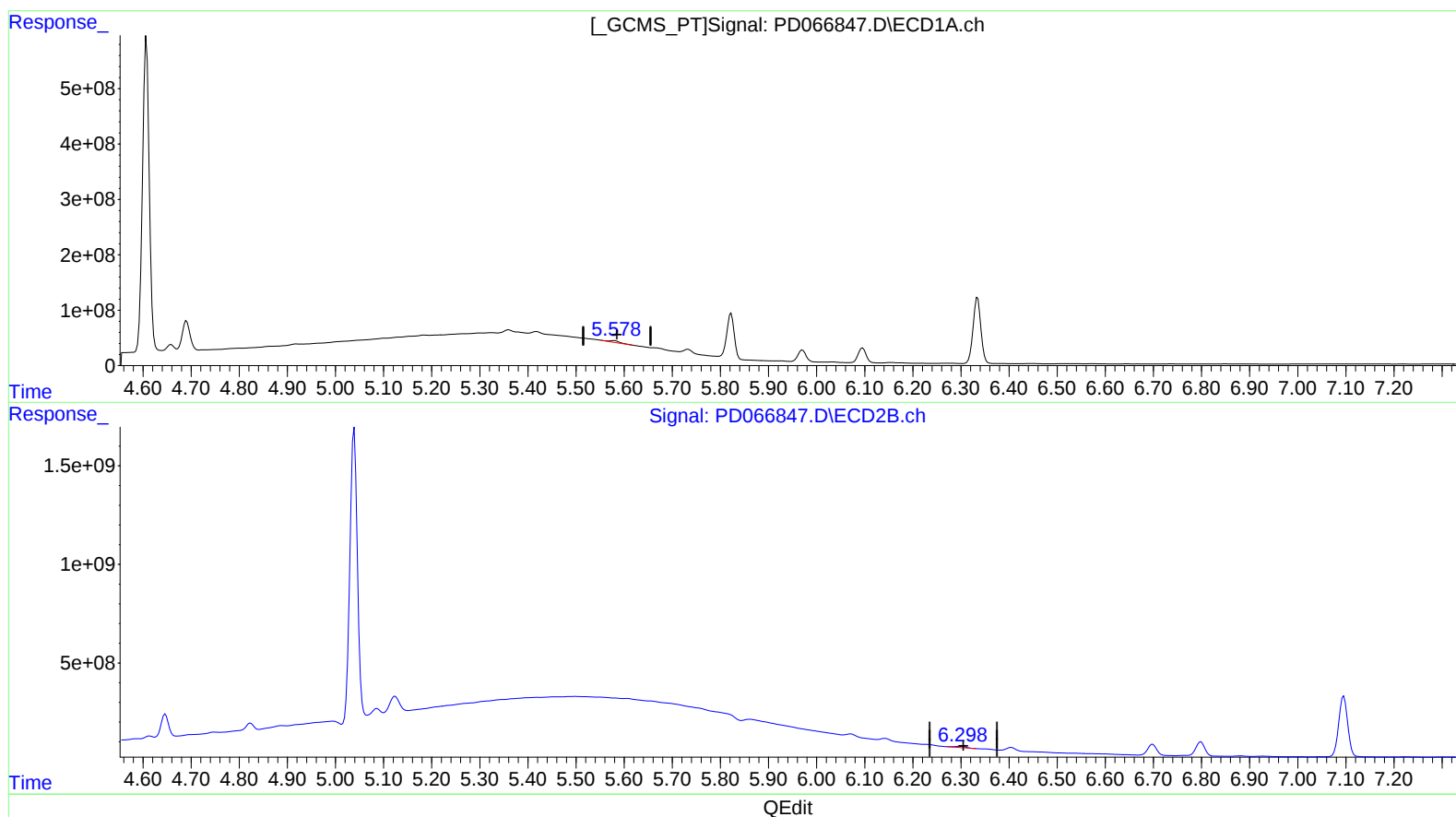
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.579min 15.657 ng/ml
response 35761244

(12) 4,4'-DDE #2 (B)
6.298min 13.869 ng/ml m
response 105613520

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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Sample : M4419-06
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ALS Vial : 20 Sample Multiplier: 1

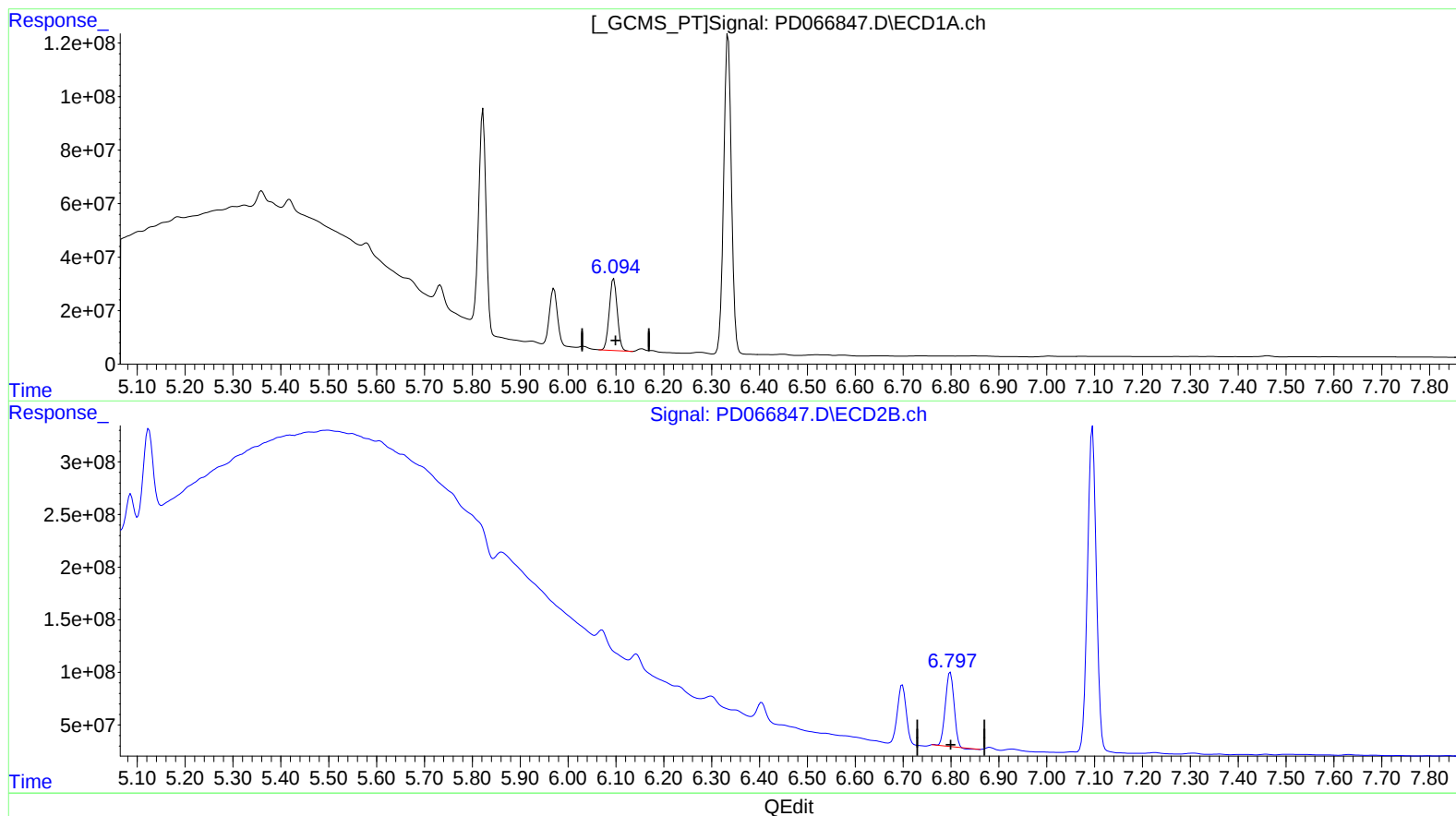
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
6.096min 171.465 ng/ml
response 310367402

(16) 4,4'-DDD #2 (A)
6.799min 136.942 ng/ml
response 884085057

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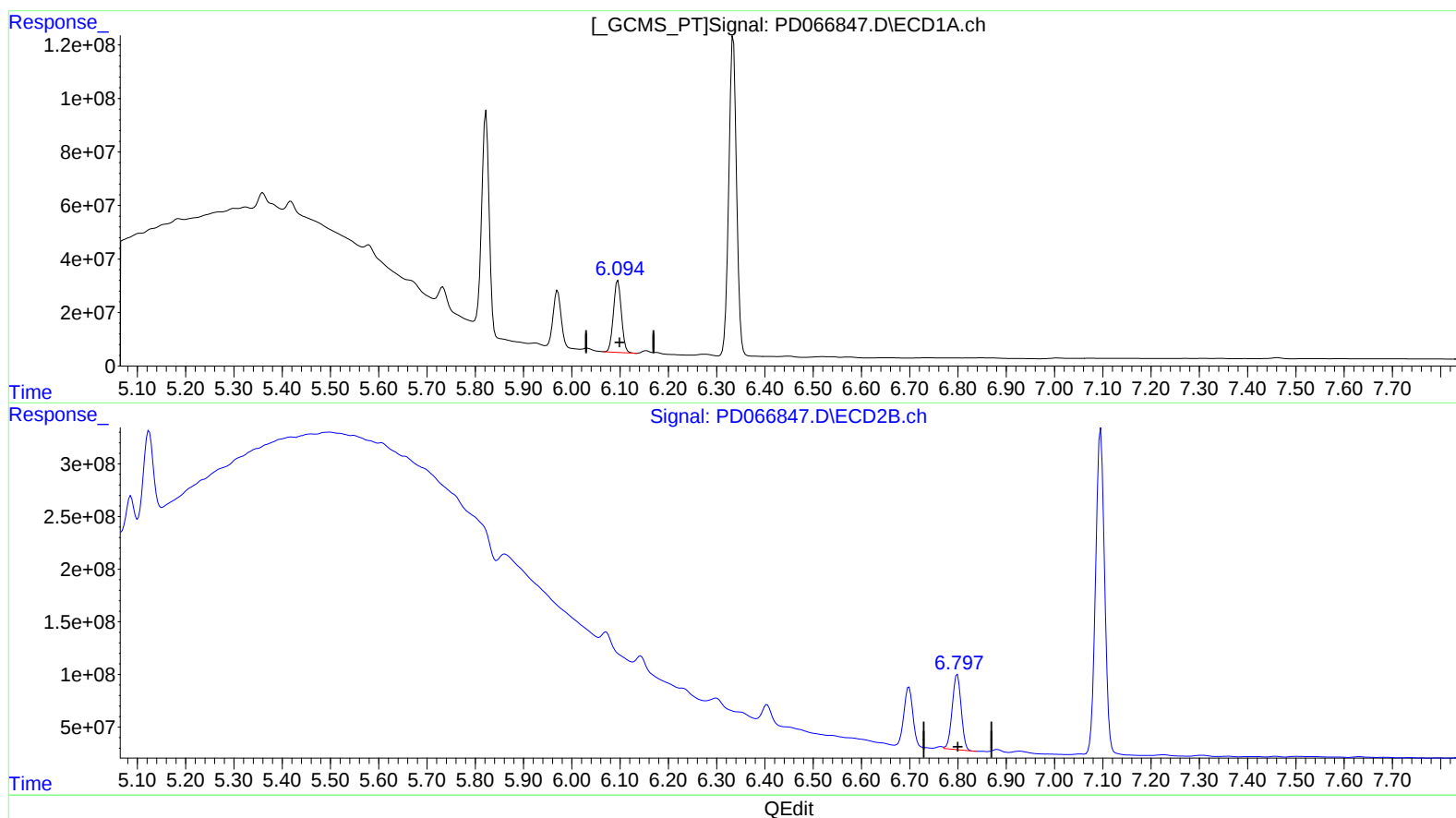
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
6.096min 171.465 ng/ml
response 310367402

(16) 4,4'-DDD #2 (A)
6.797min 143.092 ng/ml m
response 923787681

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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...	3.432	3.966	179.7E6	79960175	92.975	9.233m#
27) SA Decachlor...	8.163	9.024	22659574	124.0E6	19.339	23.775
Target Compounds						
2) A alpha-BHC	3.876	4.362	2361.1E6	7147.0E6	806.642	653.645
3) MA gamma-BHC...	4.156	4.646	456.5E6	1137.2E6	164.896	112.532 #
6) B beta-BHC	4.405	4.823	118.1E6	402.9E6	94.035	81.764
7) B delta-BHC	4.606	5.039	5577.5E6	12311.7E6	2104.255m	1244.475 #
10) B trans-Chl...	5.359	6.072	70489778	140.9E6	27.272m	16.364m#
11) B cis-Chlor...	5.417	6.142	48013236	132.3E6	18.846m	15.413m
12) B 4,4'-DDE	5.579	6.298	35761244	105.6E6	15.657	13.869m
16) A 4,4'-DDD	6.096	6.797	310.4E6	923.8E6	171.465	143.092m
17) MA 4,4'-DDT	6.335	7.096	1344.8E6	3986.3E6	711.244	603.425

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

AS
 11/15/21