

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
Data File : PD066849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Nov 2021 17:56
Operator : AR\AJ
Sample : M4419-08MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

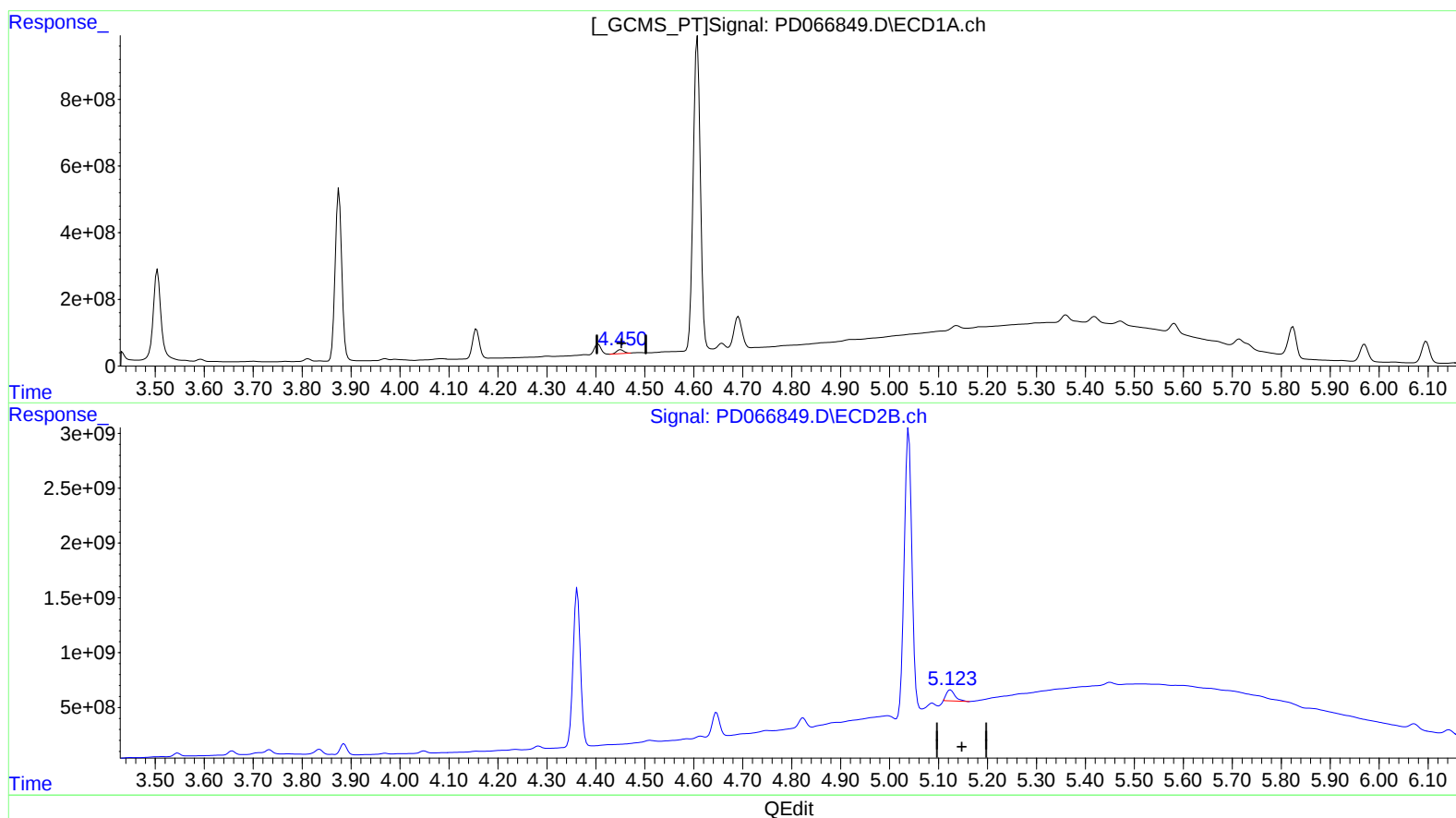
Instrument :
ECD_D
ClientSampleId :
C0HF5MSD

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 02:09:21 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



(4) Heptachlor (MA)

4.451min 41.611 ng/ml

response 118376412

(4) Heptachlor #2 (MA)

5.125min 123.323 ng/ml

response 1208766933

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Sample : M4419-08MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

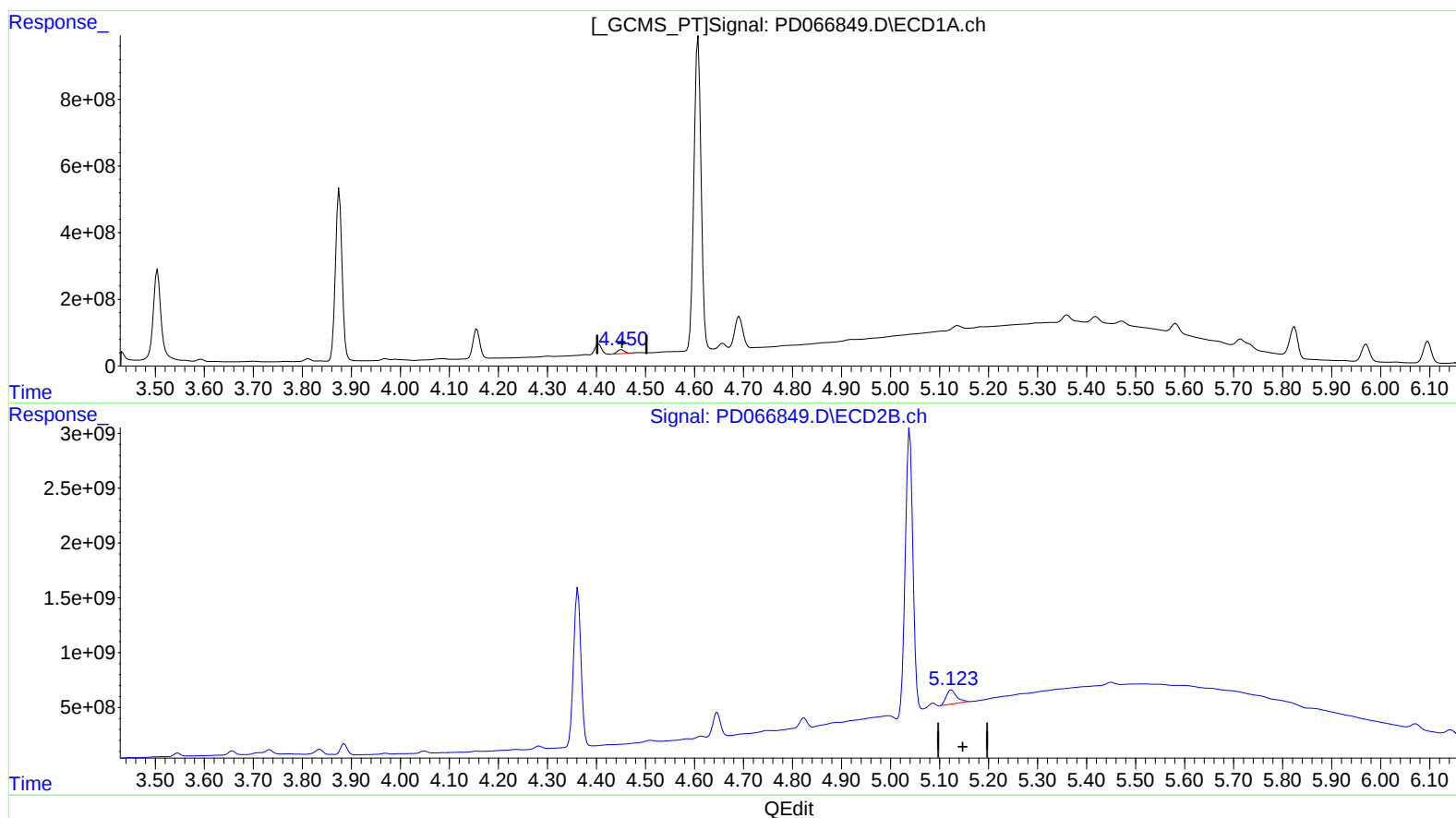
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(4) Heptachlor (MA)

4.451min 41.611 ng/ml

response 118376412

(4) Heptachlor #2 (MA)

5.123min 193.470 ng/ml m

response 1896318748

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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 Operator : AR\AJ
 Sample : M4419-08MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

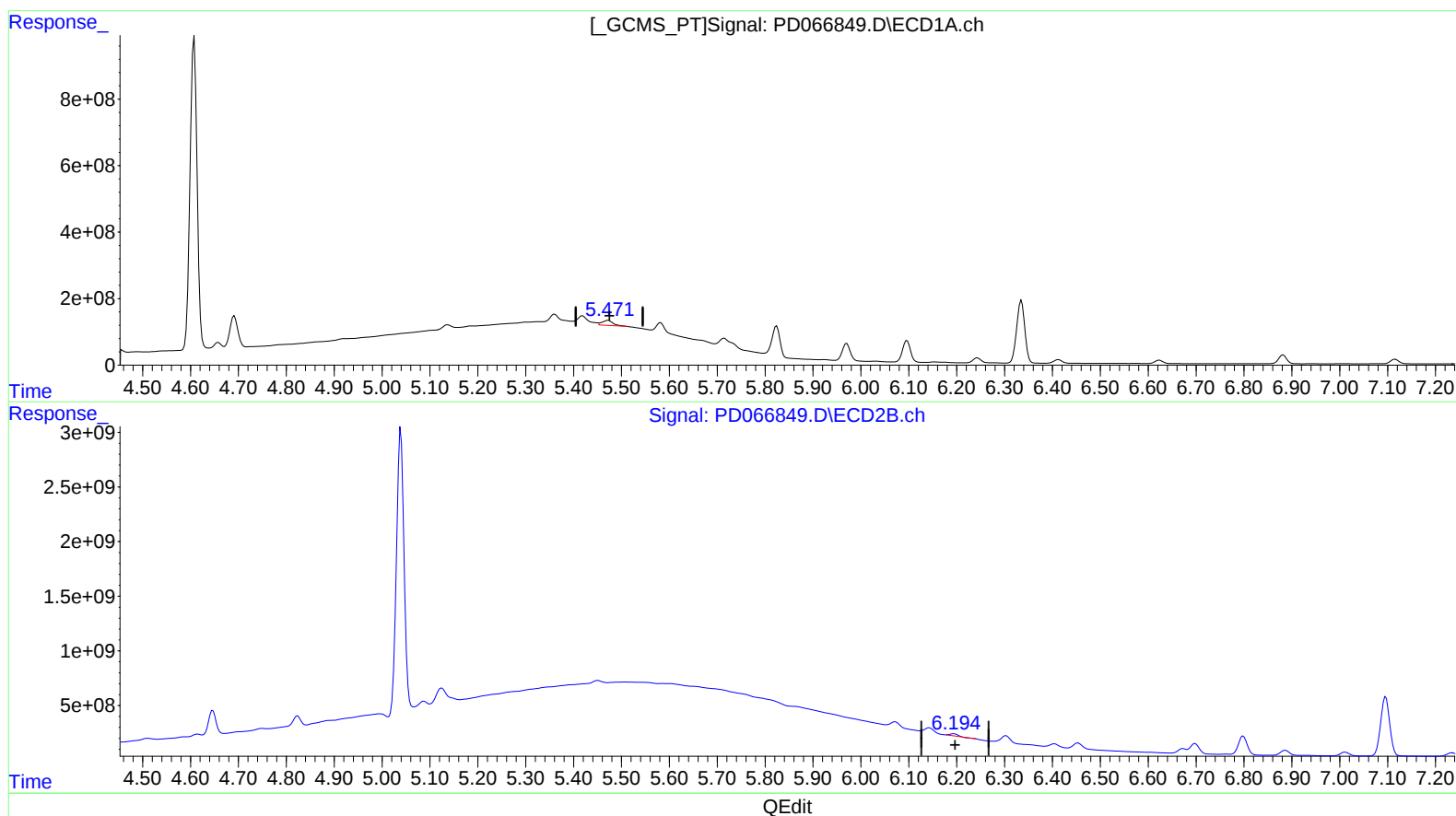
Instrument :
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(9) Endosulfan I (A)
 5.472min 100.148 ng/ml
 response 229559683

(9) Endosulfan I #2 (A)
 6.194min 12.347 ng/ml
 response 96611835

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ALS Vial : 22 Sample Multiplier: 1

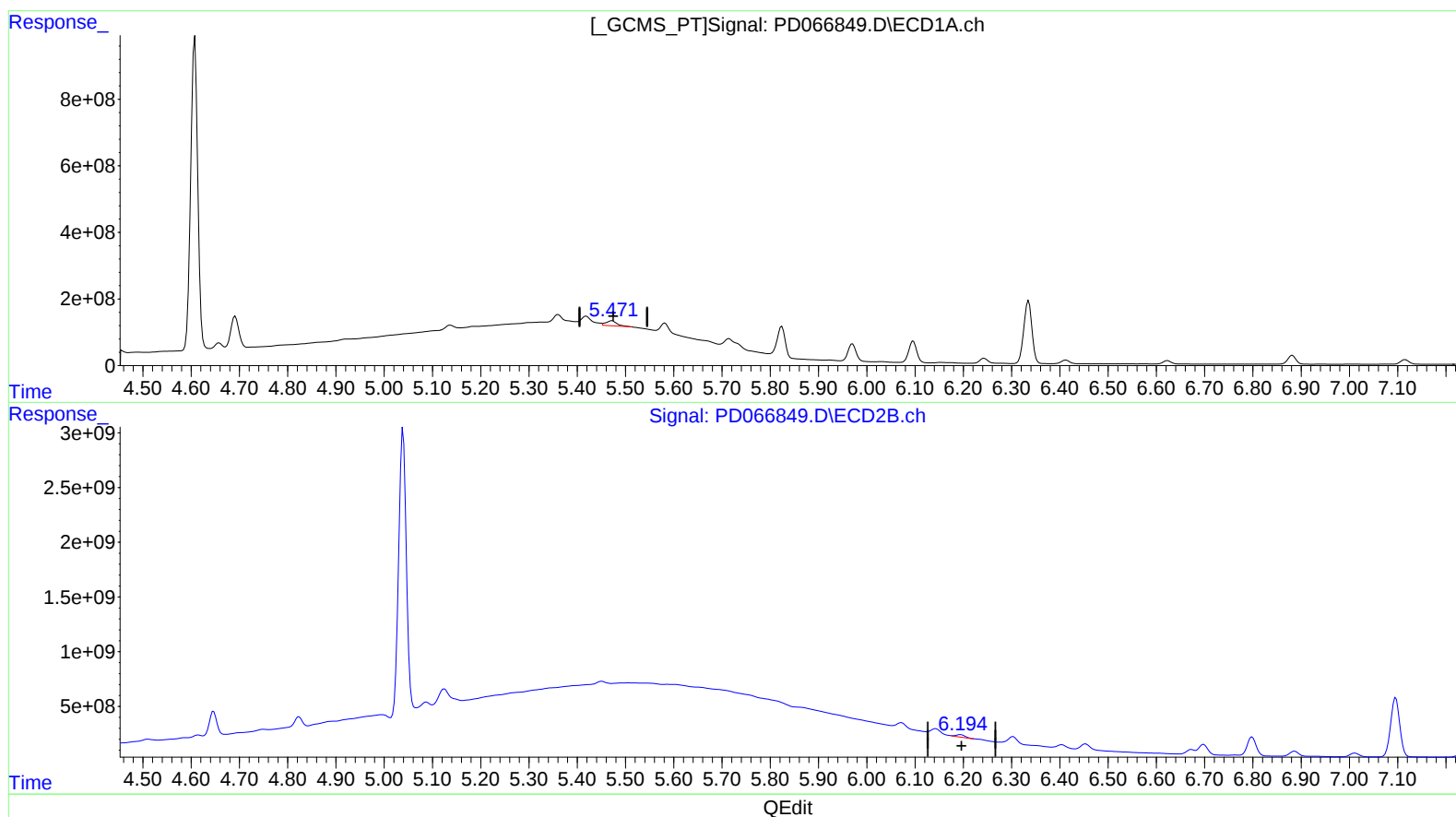
Instrument :
ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

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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



(9) Endosulfan I (A)

5.472min 100.148 ng/ml

response 229559683

(9) Endosulfan I #2 (A)

6.194min 35.456 ng/ml m

response 277425858

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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Sample : M4419-08MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

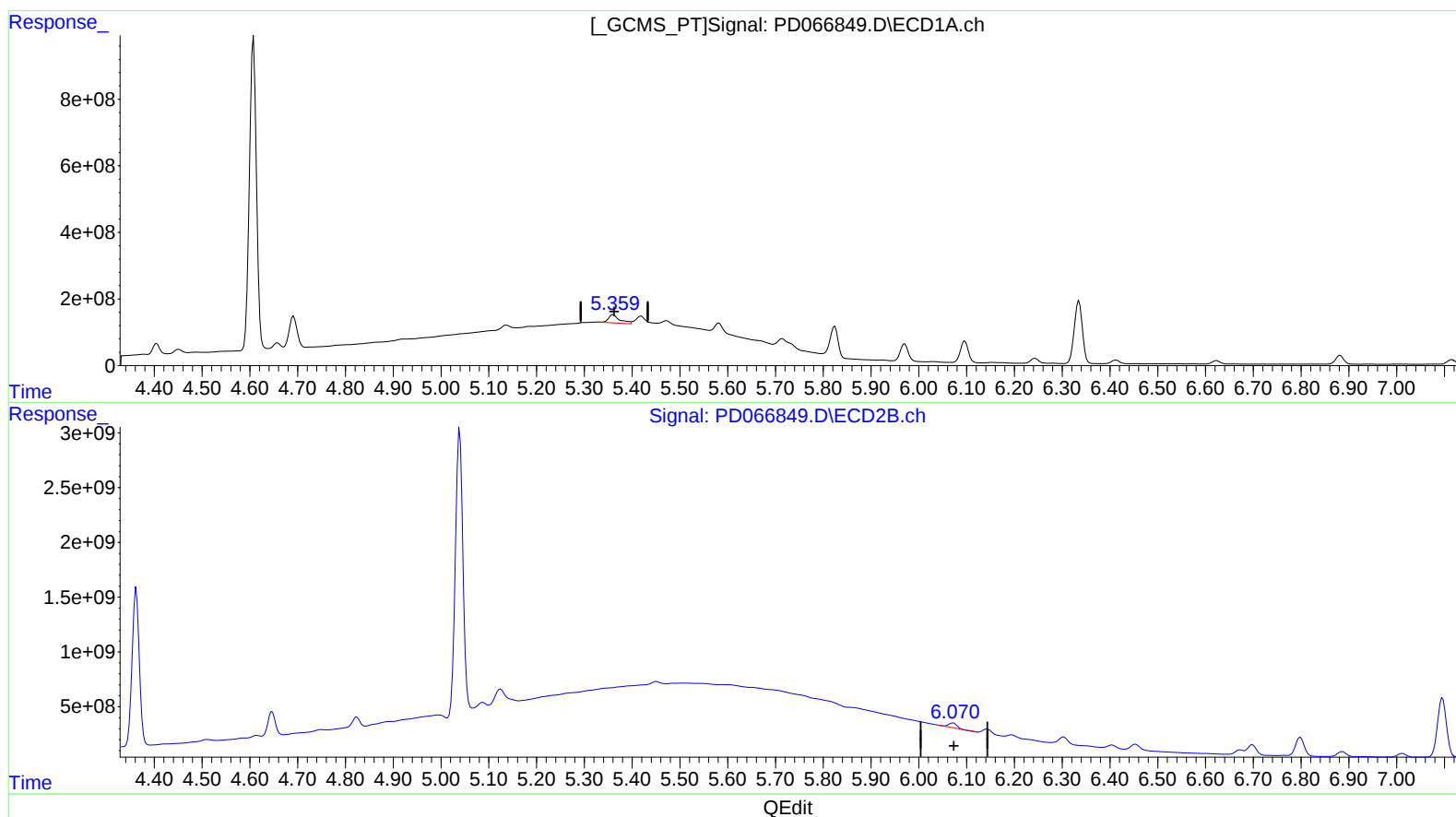
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.360min 156.951 ng/ml

response 405671281

(10) trans-Chlordane #2 (B)

6.072min 58.706 ng/ml

response 505537155

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Operator : AR\AJ
Sample : M4419-08MSD
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ALS Vial : 22 Sample Multiplier: 1

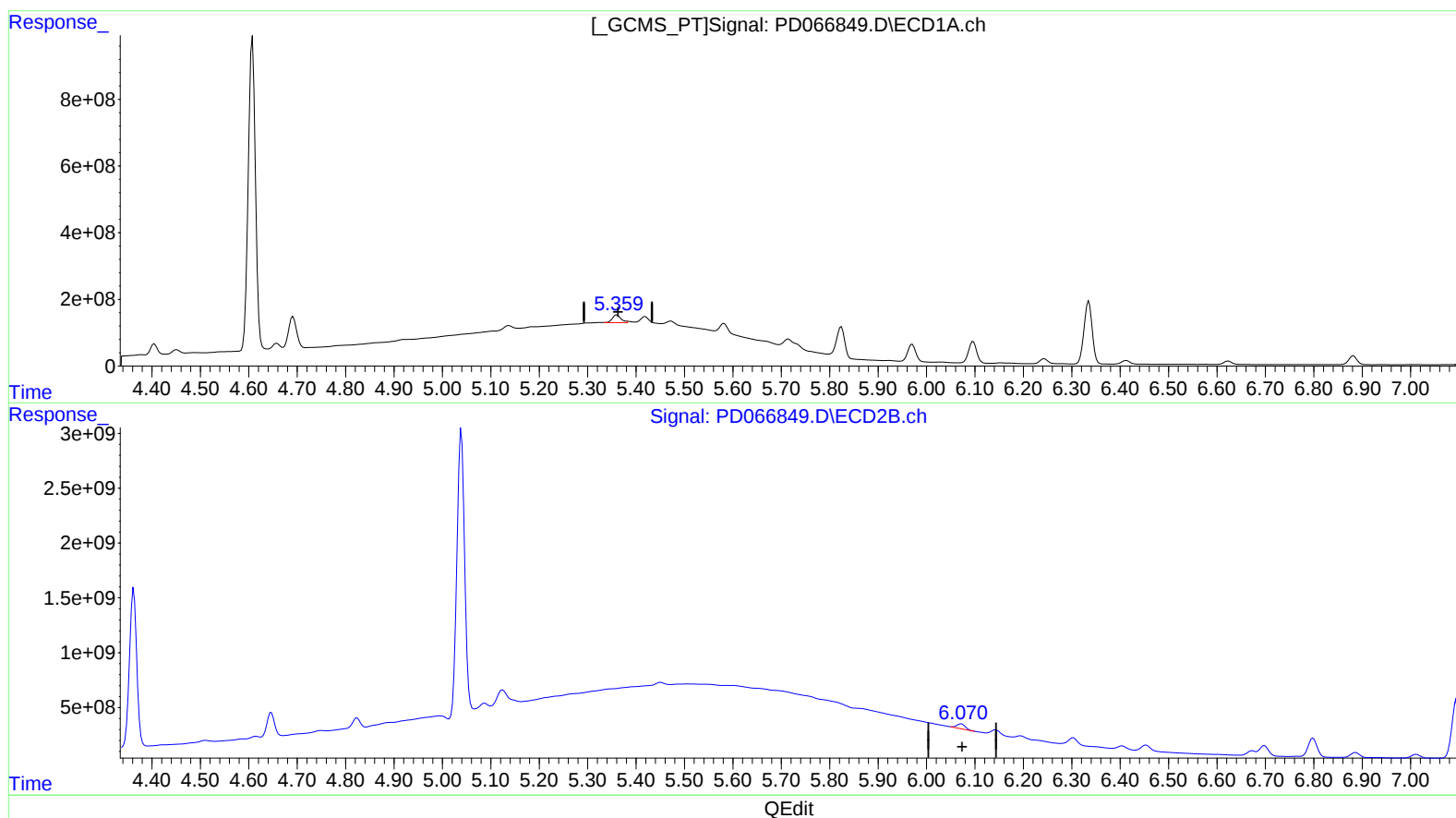
Instrument :
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)
5.359min 112.776 ng/ml m
response 291492268

(10) trans-Chlordane #2 (B)
6.070min 63.763 ng/ml m
response 549081669

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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ALS Vial : 22 Sample Multiplier: 1

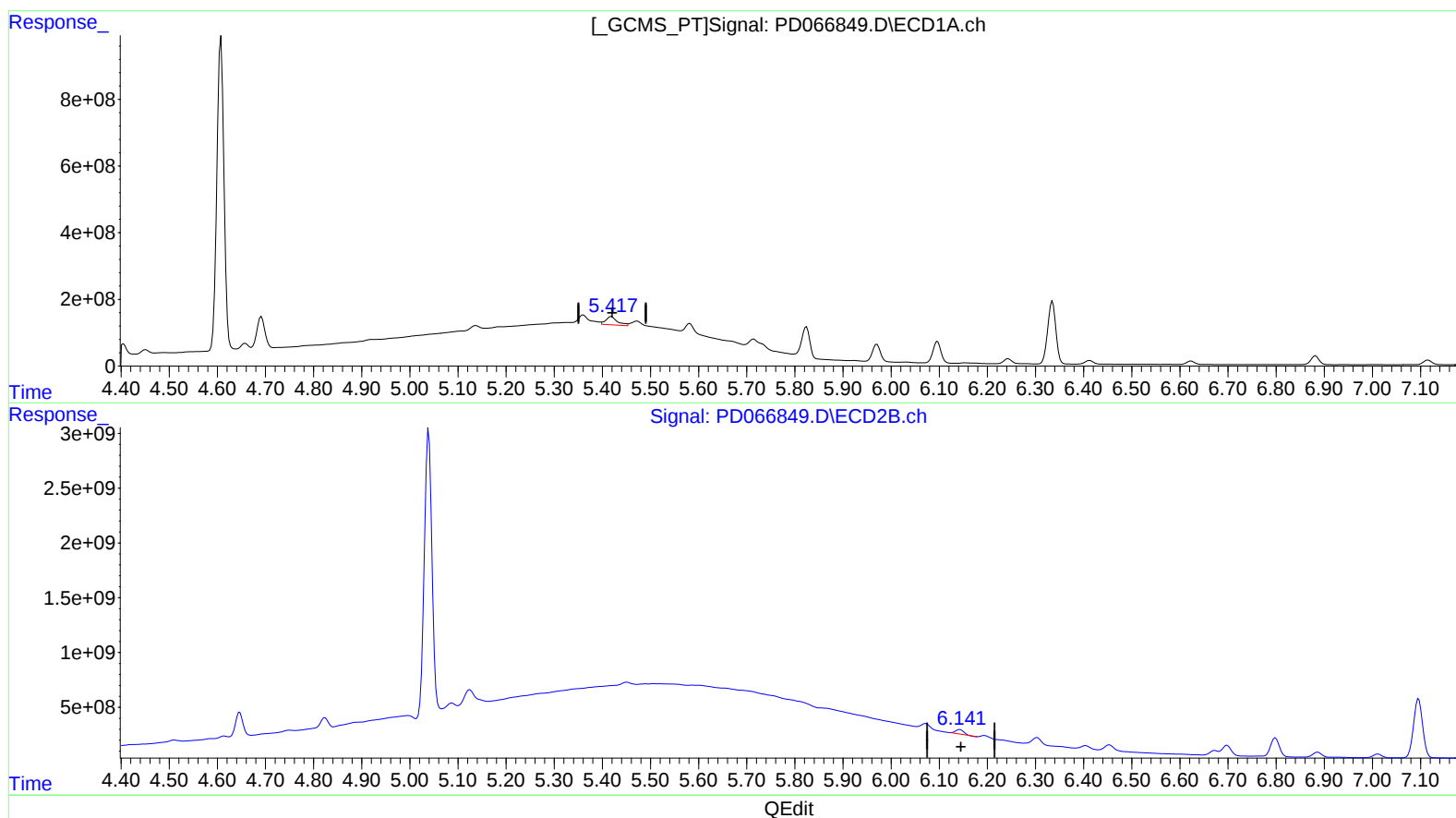
Instrument :
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Manual IntegrationsAPPROVED

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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)

5.419min 162.613 ng/ml

response 414272793

(11) cis-Chlordane #2 (B)

6.143min 55.265 ng/ml

response 474241651

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

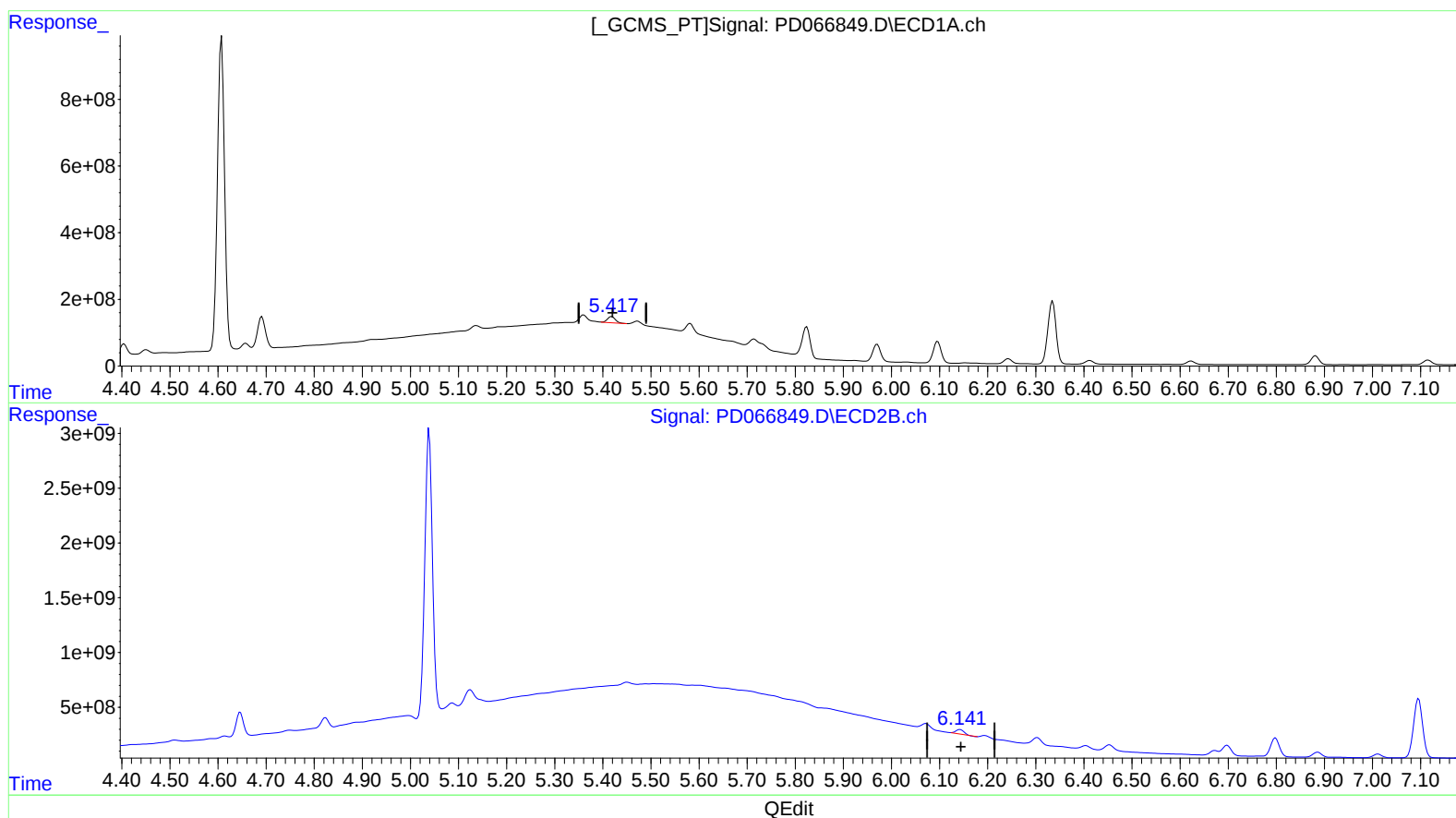
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(11) cis-Chlordane (B)
5.417min 83.527 ng/ml m
response 212793881

(11) cis-Chlordane #2 (B)
6.143min 55.265 ng/ml
response 474241651

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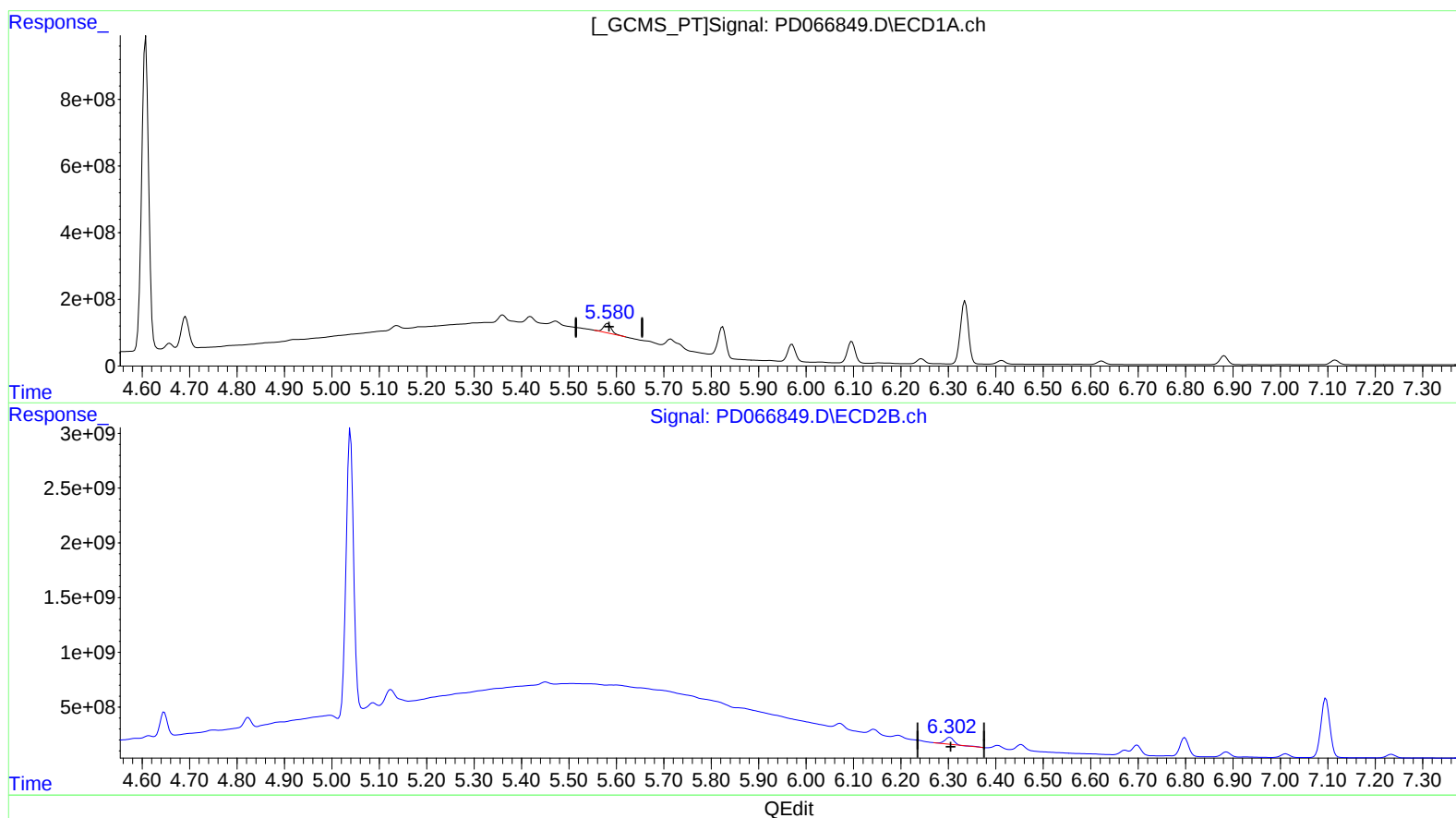
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

5.582min 136.811 ng/ml

response 312474658

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

6.303min 103.159 ng/ml

response 785541539

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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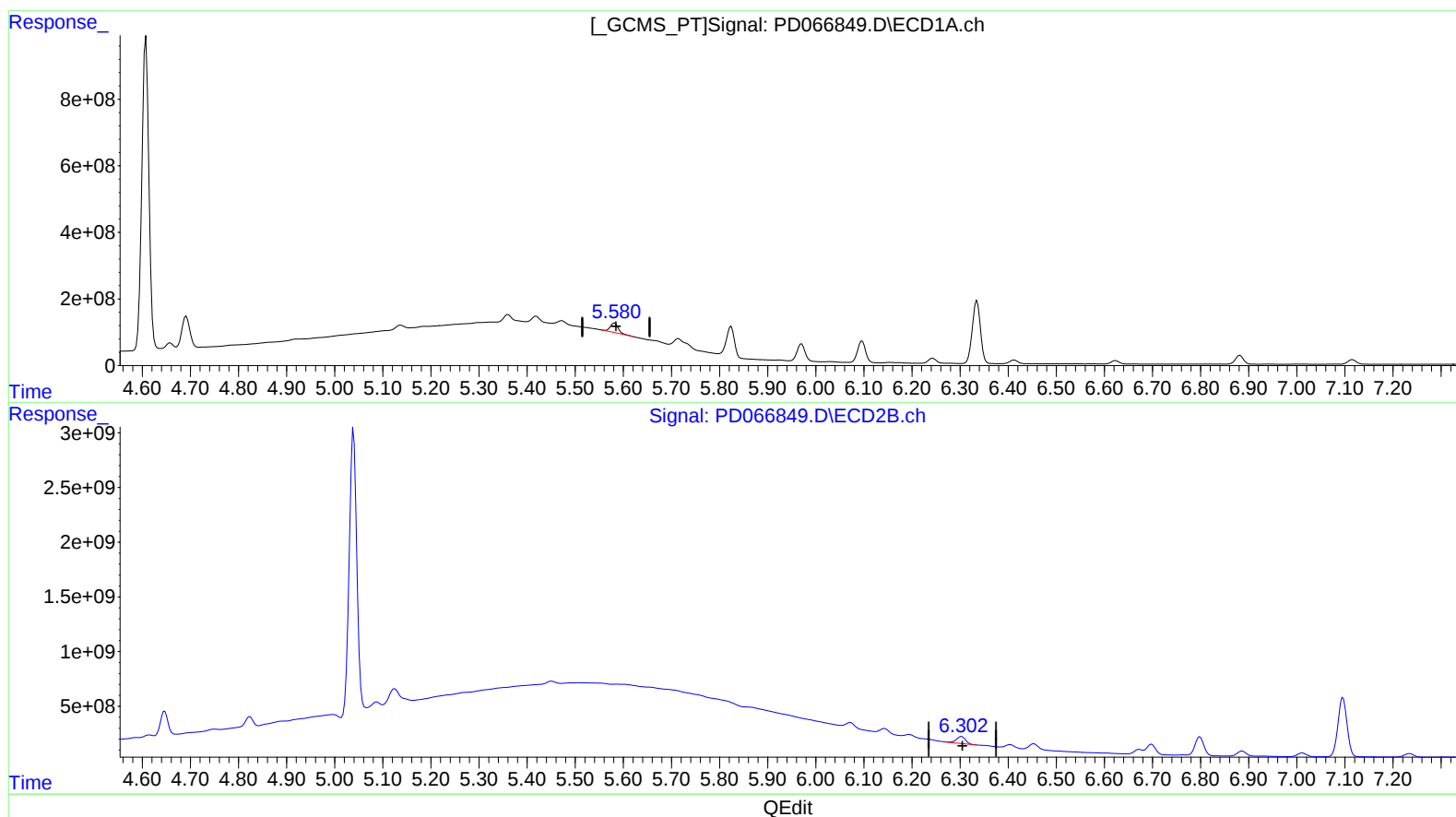
Instrument :
ECD_D
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Manual IntegrationsAPPROVED

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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



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

5.582min 136.811 ng/ml

response 312474658

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

6.302min 110.392 ng/ml m

response 840619091

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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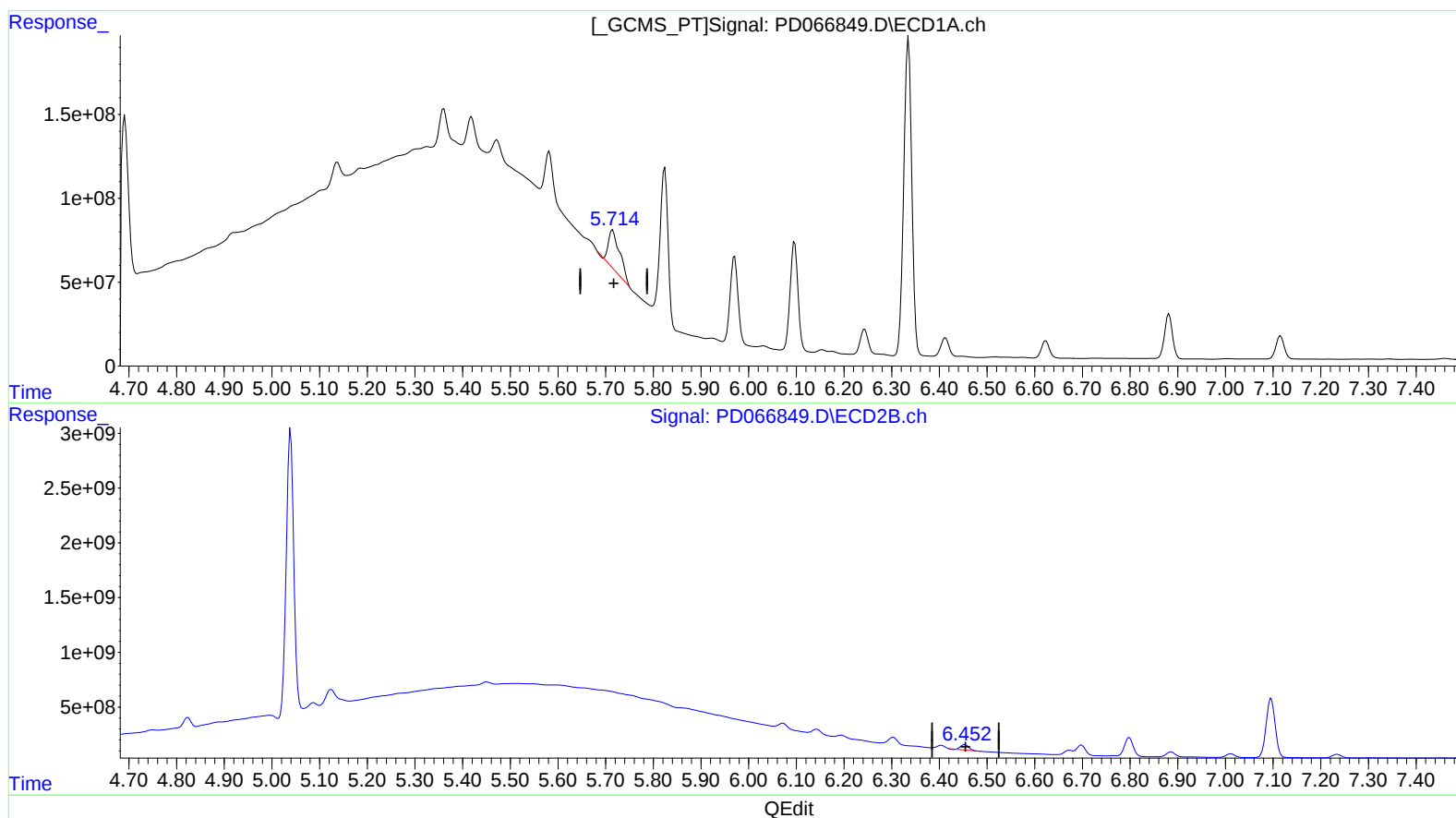
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(13) Dieldrin (MA)

5.715min 143.507 ng/ml

response 358116000

(13) Dieldrin #2 (MA)

6.454min 70.819 ng/ml

response 564979597

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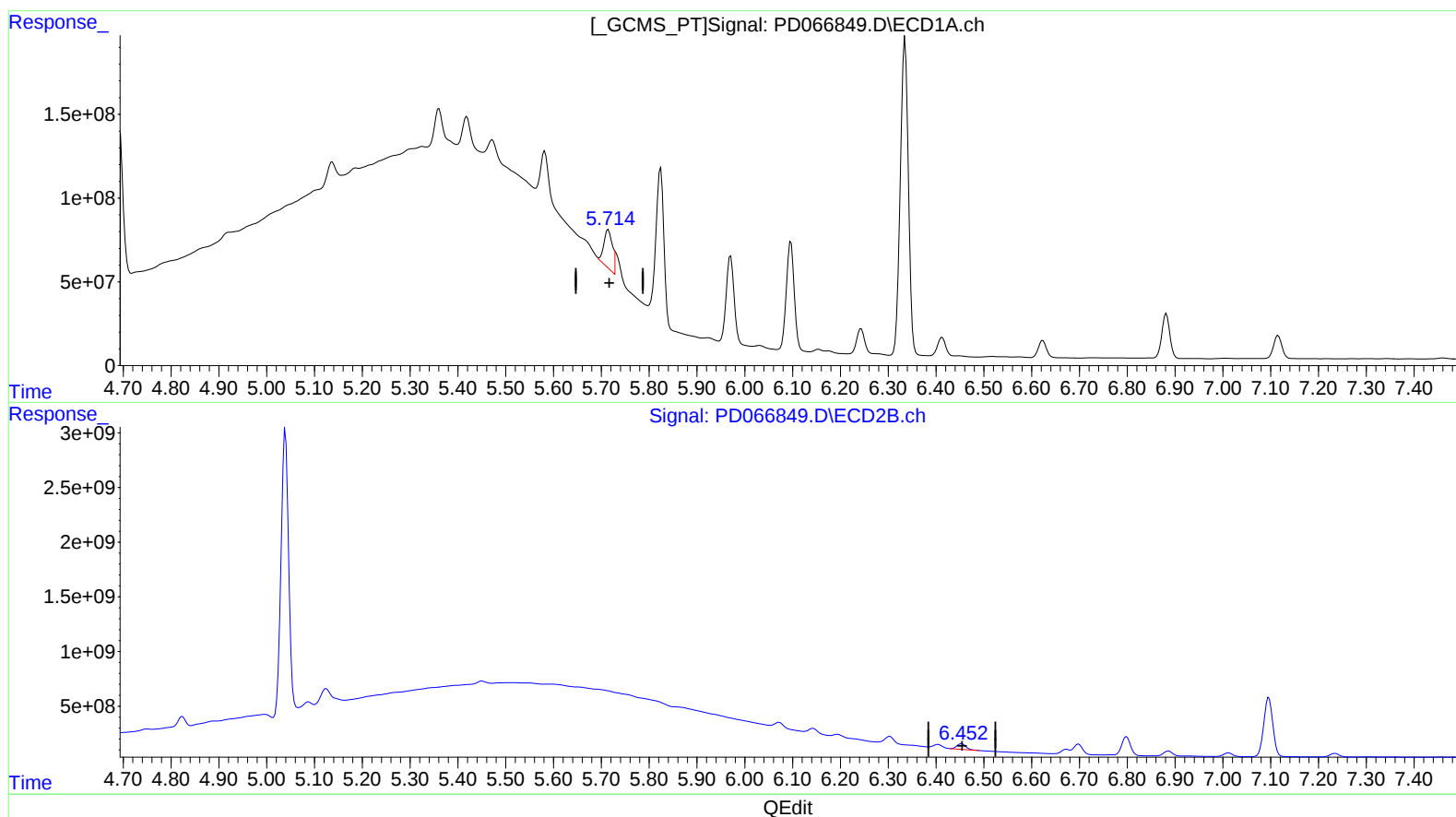
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(13) Dieldrin (MA)

5.714min 118.495 ng/ml m
response 295699776

(13) Dieldrin #2 (MA)

6.452min 85.666 ng/ml m
response 683422724

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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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.431	3.970	292.5E6	86858933	151.306	10.029 #
27) SA Decachlor...	8.163	9.024	19695491	114.6E6	16.810	21.974 #
Target Compounds						
2) A alpha-BHC	3.875	4.362	4881.5E6	11489.5E6	1667.713	1050.791 #
3) MA gamma-BHC...	4.156	4.647	868.7E6	2180.0E6	313.766	215.725 #
4) MA Heptachlor	4.451	5.123	118.4E6	1896.3E6	41.611	193.470m#
5) MB Aldrin	4.691	5.451	1082.2E6	293.2E6	375.866	31.119 #
6) B beta-BHC	4.405	4.824	297.8E6	1036.6E6	237.125	210.386
7) B delta-BHC	4.608	5.040	9578.7E6	16536.2E6	3613.822	1671.496 #
9) A Endosulfan I	5.472	6.194	229.6E6	277.4E6	100.148	35.456m#
10) B trans-Chl...	5.359	6.070	291.5E6	549.1E6	112.776m	63.763m#
11) B cis-Chlor...	5.417	6.143	212.8E6	474.2E6	83.527m	55.265 #
12) B 4,4'-DDE	5.582	6.302	312.5E6	840.6E6	136.811	110.392m
13) MA Dieldrin	5.714	6.452	295.7E6	683.4E6	118.495m	85.666m#
14) MA Endrin	5.970	6.673	587.4E6	486.1E6	277.634	71.634 #
15) B Endosulfa...	6.243	6.886	187.7E6	586.1E6	90.416	81.734
16) A 4,4'-DDD	6.096	6.798	745.5E6	2091.9E6	411.855	324.022
17) MA 4,4'-DDT	6.335	7.096	2233.4E6	7126.4E6	1181.237	1078.750
18) B Endrin al...	6.413	7.012	126.8E6	431.6E6	87.010	81.121
19) B Endosulfa...	6.623	7.234	119.5E6	439.8E6	65.519	63.823
20) A Methoxychlor	6.882	7.557	308.7E6	1247.2E6	329.403	385.925
21) B Endrin ke...	7.116	7.708	167.9E6	597.0E6	81.465	76.167

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

AJ
 11/15/21