

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101921\
Data File : PD066410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2021 19:15
Operator : AJ\MA
Sample : PIBLK116
Misc :
ALS Vial : 2 Sample Multiplier: 1

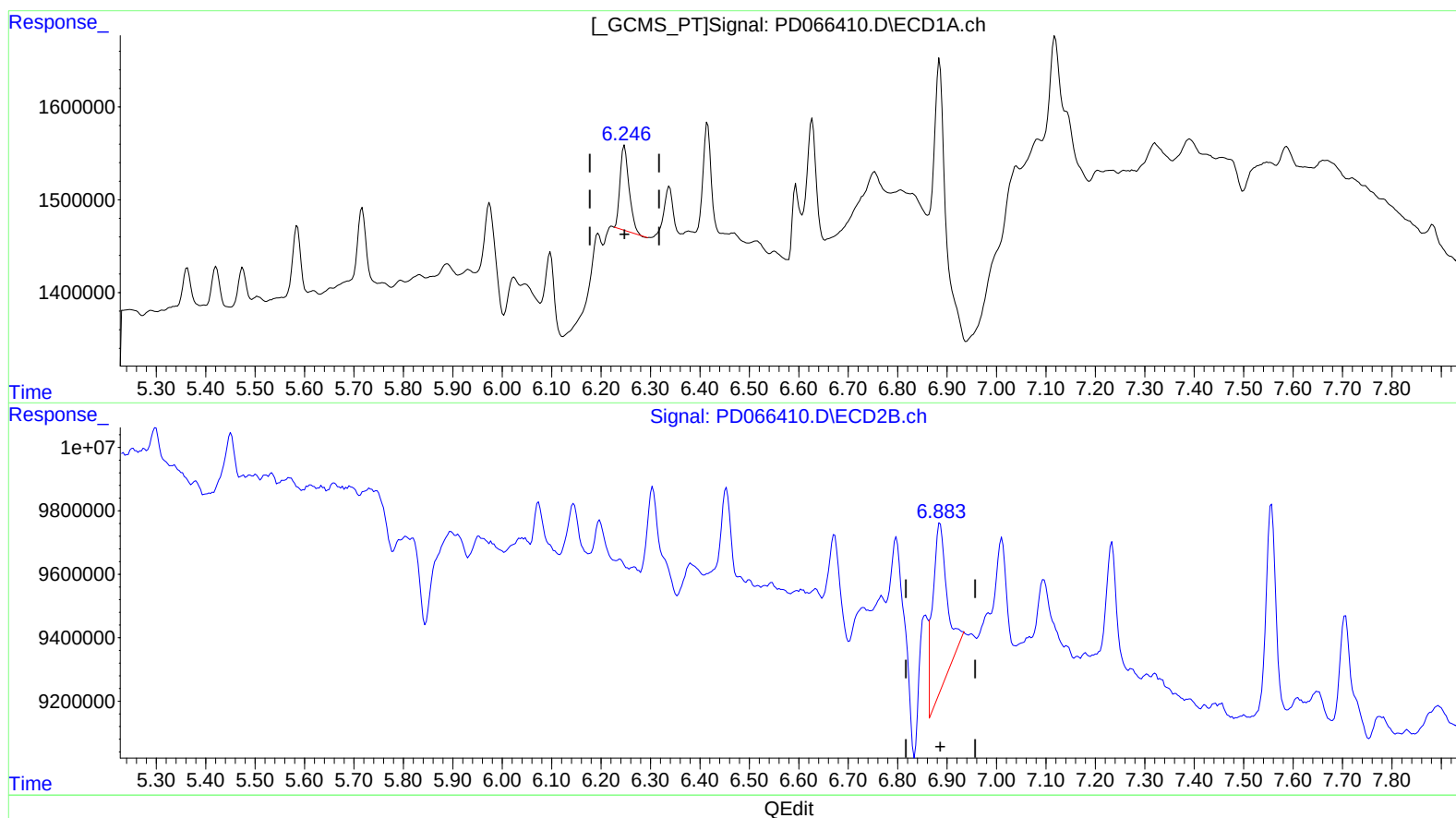
Instrument :
ECD_D
LabSampleId :
PIBLK116

Manual Integrations
APPROVED

mohammad
10/20/2021 1:26:41 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 08:19:13 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101621CLP.M
Quant Title : GC Extractables
QLast Update : Tue Oct 19 10:18:55 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(15) Endosulfan II (B)

6.247min 0.515 ng/ml

response 1157157

(15) Endosulfan II #2 (B)

6.886min 1.473 ng/ml

response 10499504

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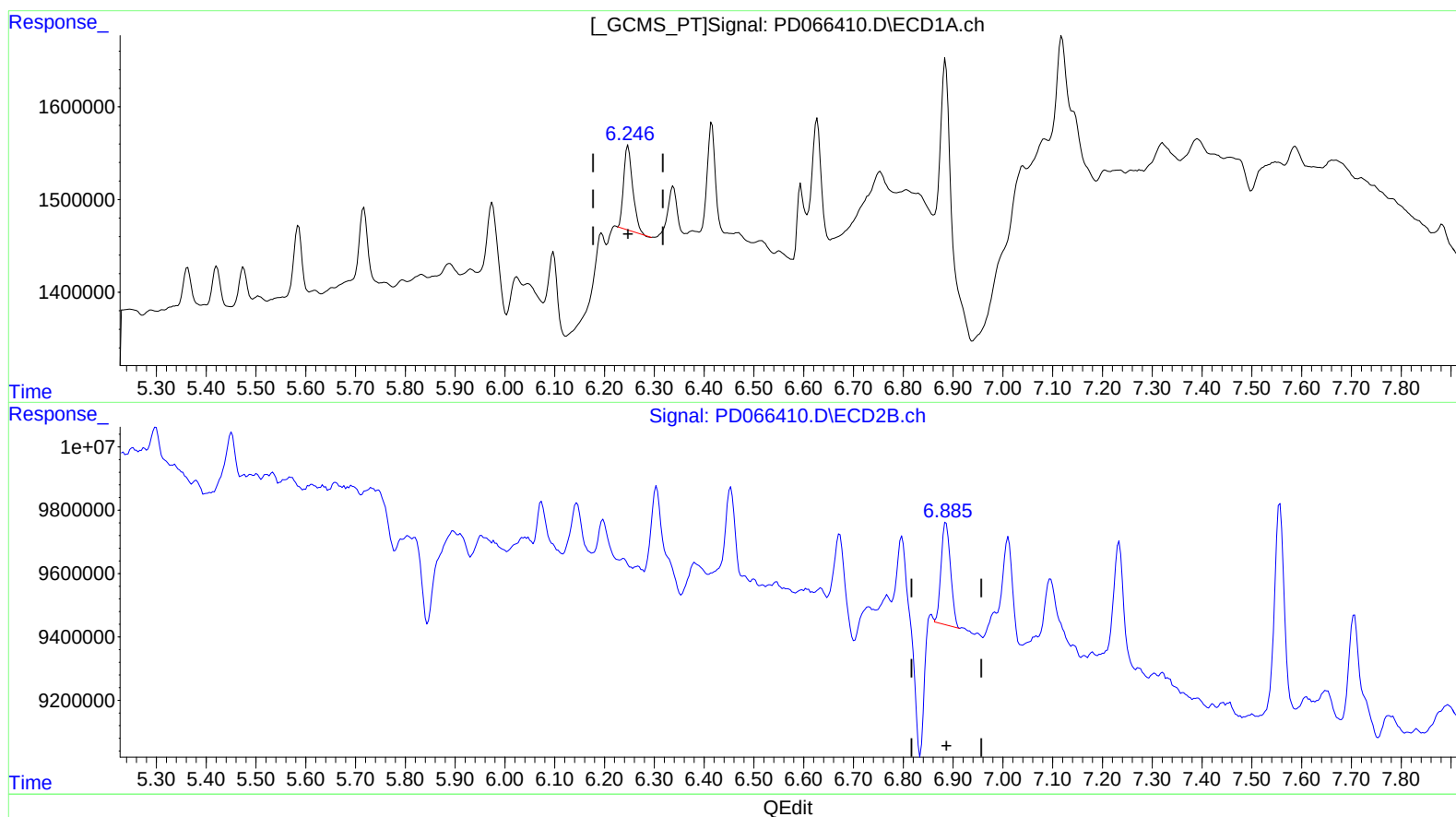
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(15) Endosulfan II (B)

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(15) Endosulfan II #2 (B)

6.885min 0.596 ng/ml m

response 4250341

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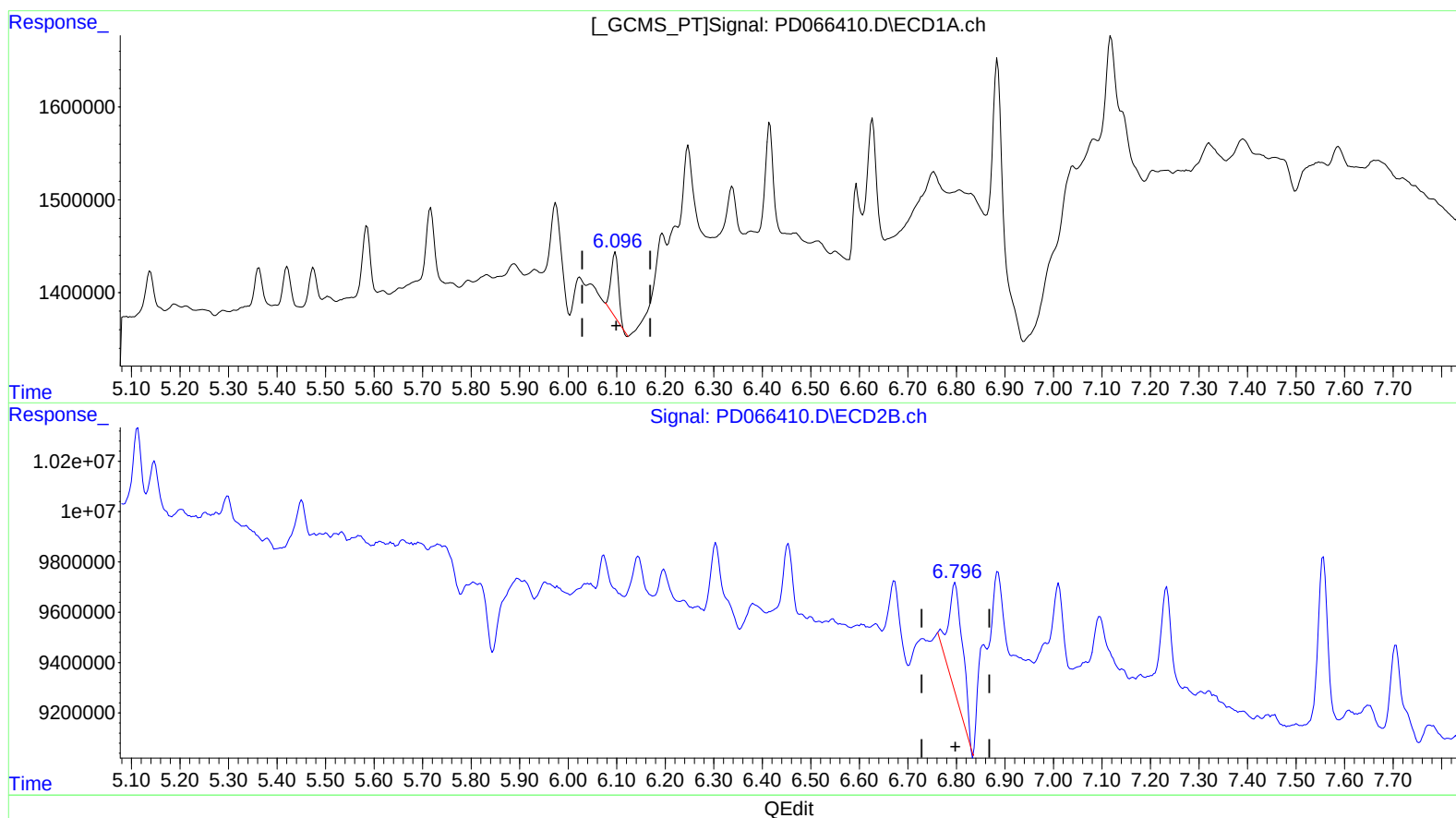
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(16) 4,4'-DDD (A)
6.098min 0.361 ng/ml
response 750202

(16) 4,4'-DDD #2 (A)
6.797min 1.389 ng/ml
response 9265593

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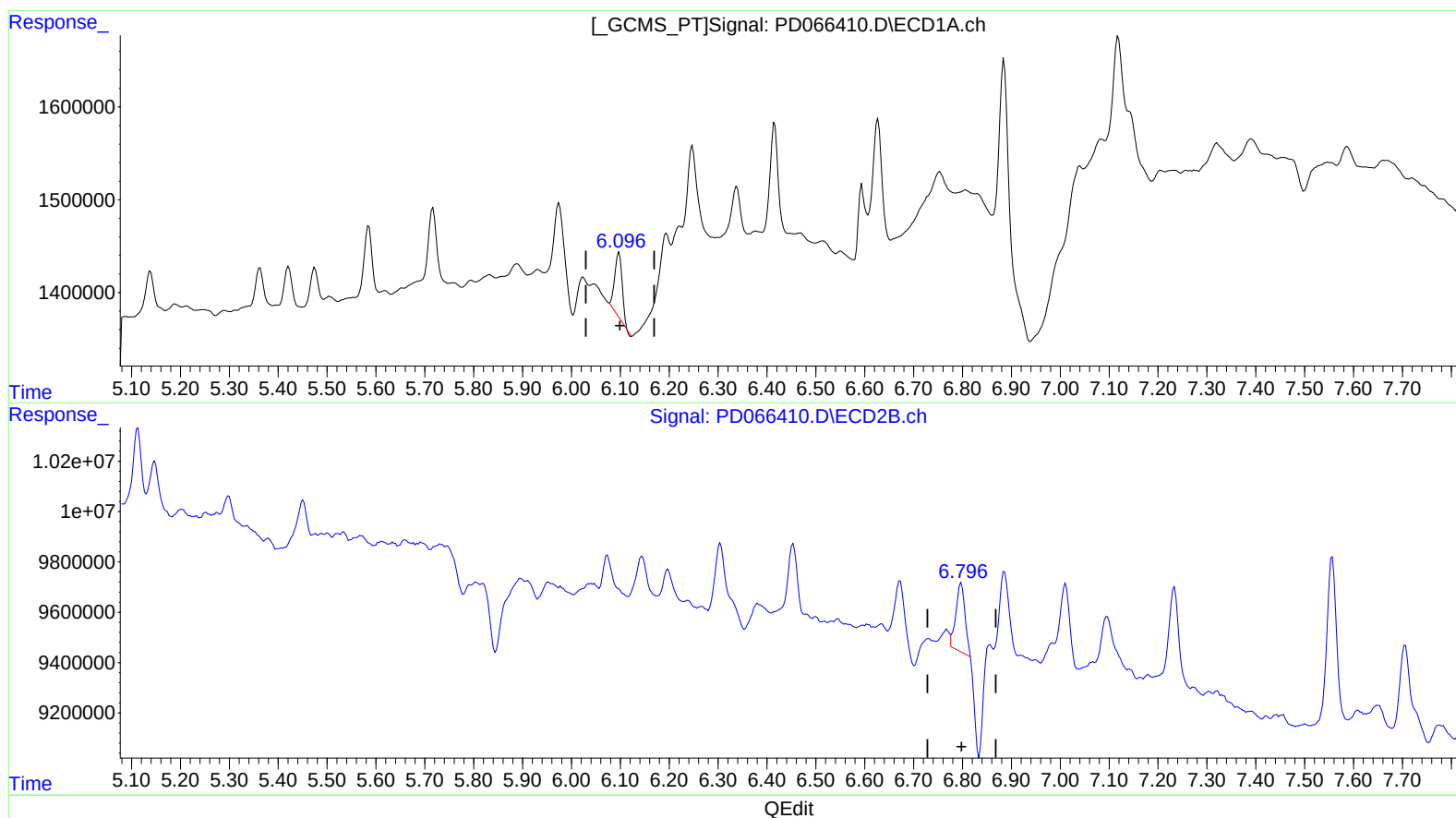
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(16) 4,4'-DDD (A)
6.098min 0.361 ng/ml
response 750202

(16) 4,4'-DDD #2 (A)
6.796min 0.526 ng/ml m
response 3506848

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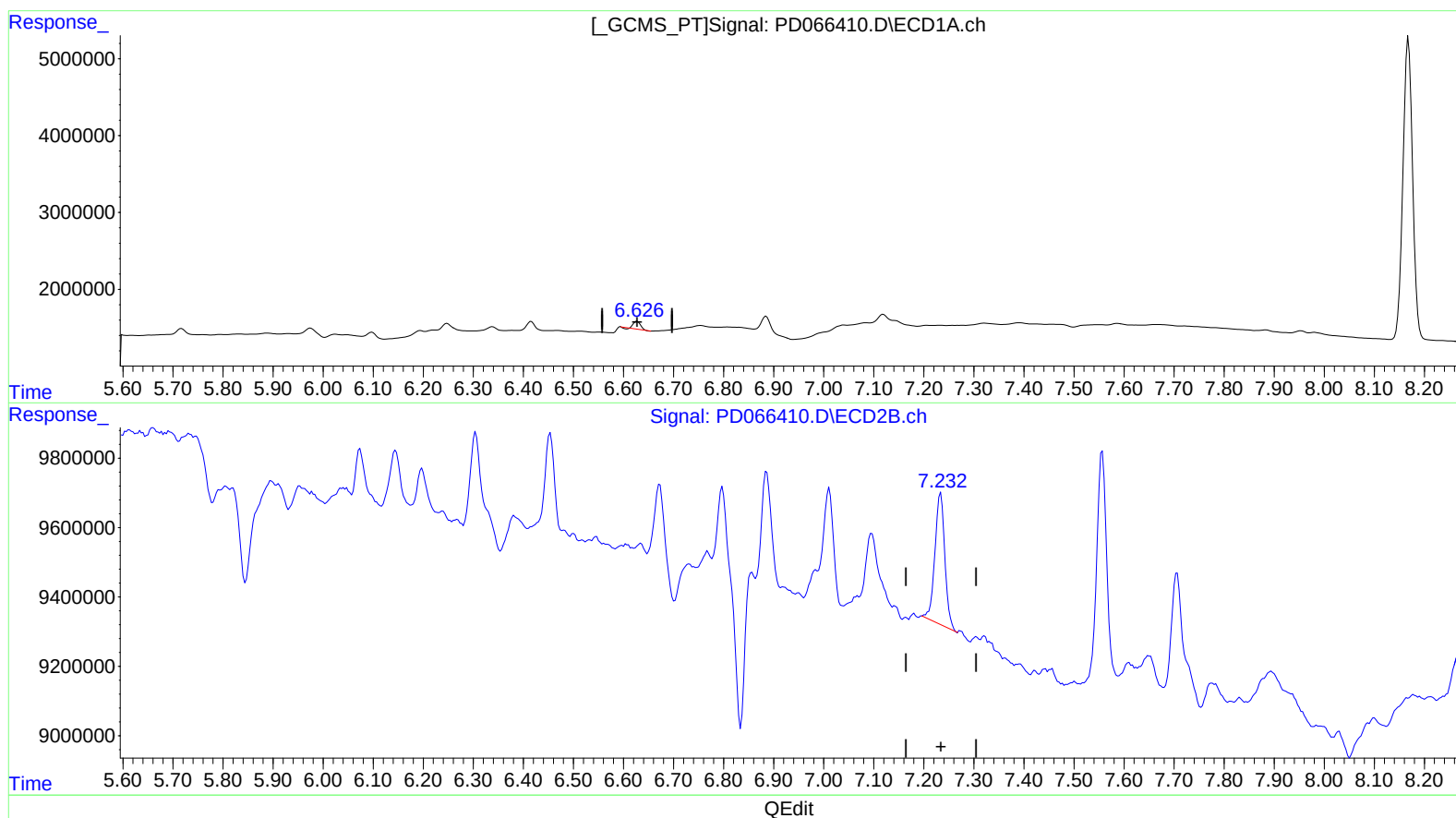
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(19) Endosulfan Sulfate (B)

6.627min 0.507 ng/ml

response 1006696

(19) Endosulfan Sulfate #2 (B)

7.234min 0.795 ng/ml

response 5242123

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Sample : PIBLK116
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ALS Vial : 2 Sample Multiplier: 1

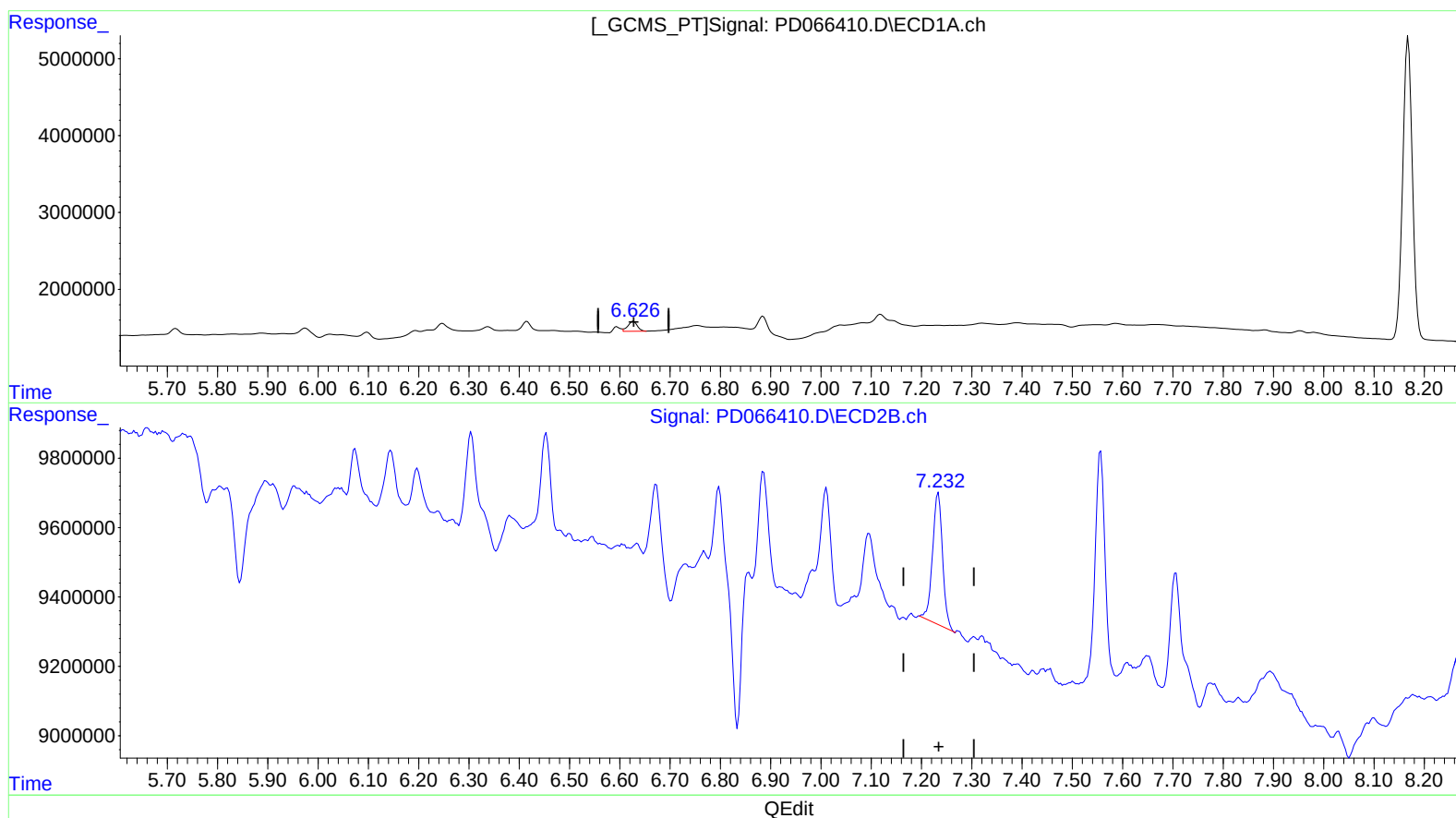
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(19) Endosulfan Sulfate (B)

6.626min 0.851 ng/ml m

response 1689351

(19) Endosulfan Sulfate #2 (B)

7.234min 0.795 ng/ml

response 5242123

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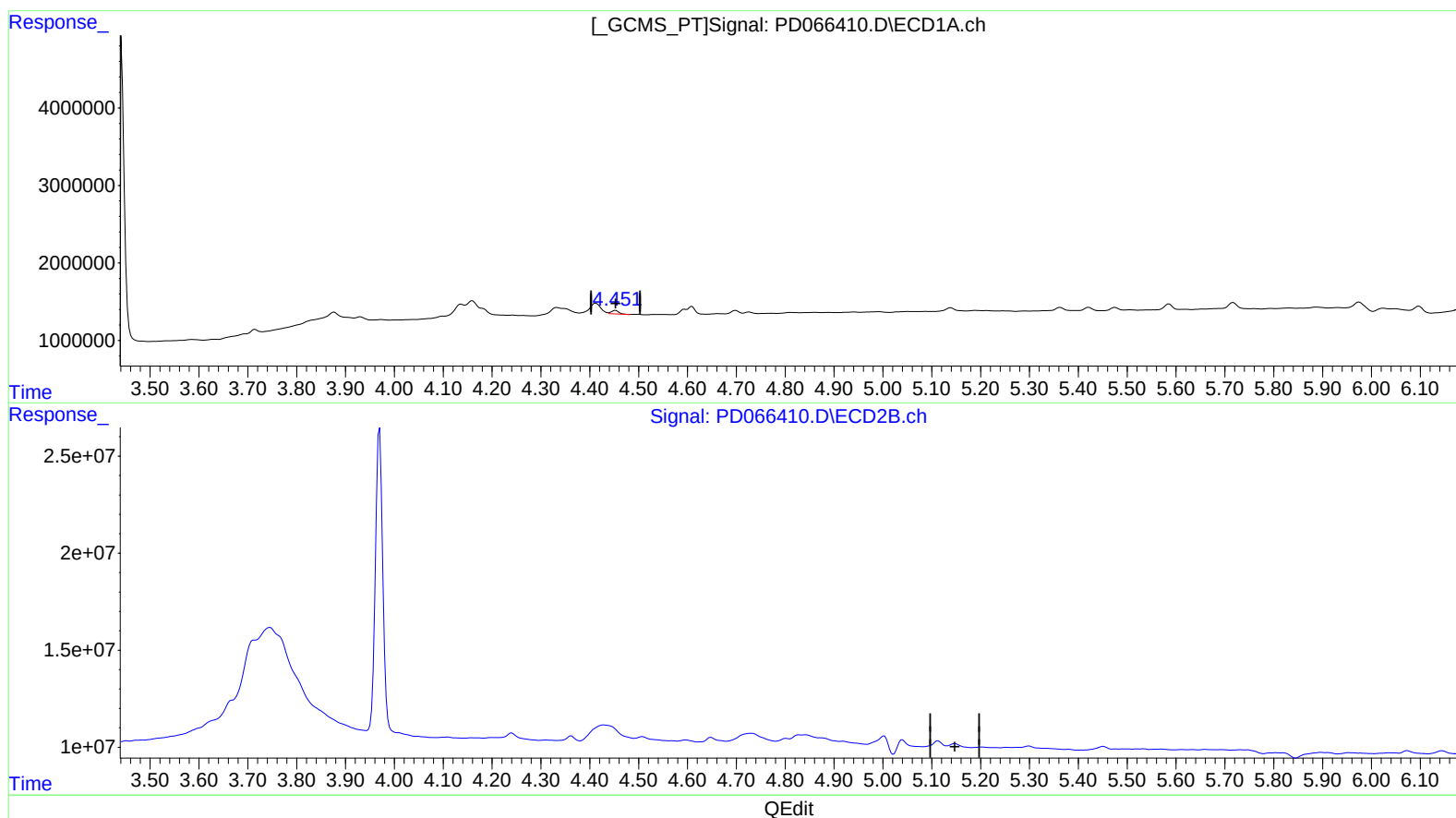
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(4) Heptachlor (MA)
4.453min 0.153 ng/ml
response 447256

(4) Heptachlor #2 (MA)
5.147min -0.056 ng/ml
response -562536

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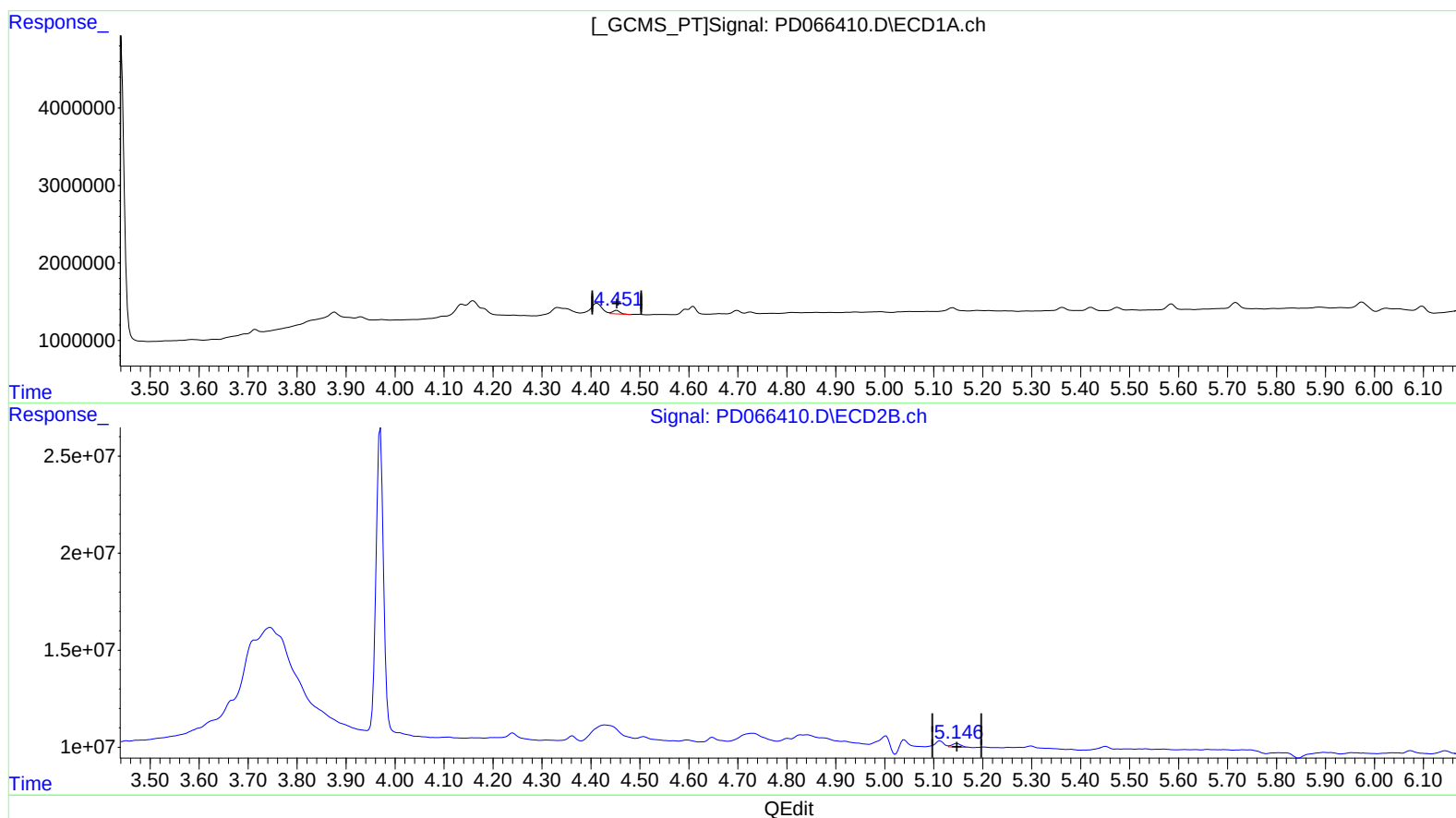
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(4) Heptachlor (MA)

4.453min 0.153 ng/ml

response 447256

(4) Heptachlor #2 (MA)

5.146min 0.231 ng/ml m

response 2338402

Quantitation Report (QT Reviewed)

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Instrument :
 ECD_D
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Manual Integrations
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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.441	3.970	36549891	162.6E6	17.900	18.241
27) SA Decachlor...	8.168	9.020	52761251	203.5E6	38.807	42.859
Target Compounds						
2) A alpha-BHC	3.877	4.362	1184188	2592261	0.380	0.223 #
3) MA gamma-BHC...	4.160	4.648	2770630	2713161	0.898	0.246 #
4) MA Heptachlor	4.453	5.146	447256	2338402	0.153	0.231m#
5) MB Aldrin	4.699	5.451	483361	2092648	0.157	0.208 #
6) B beta-BHC	4.413	4.828	1836781	2123090	1.379	0.408 #
7) B delta-BHC	4.609	5.040	1082917	7229415	0.375	0.747 #
9) A Endosulfan I	5.475	6.197	397142	2036169	0.157	0.241 #
10) B trans-Chl...	5.363	6.074	494582	1617022	0.180	0.179
11) B cis-Chlor...	5.421	6.145	494486	2620980	0.184	0.296 #
12) B 4,4'-DDE	5.586	6.305	805188	4470071	0.321	0.563 #
13) MA Dieldrin	5.717	6.454	950983	4745701	0.354	0.561 #
14) MA Endrin	5.975	6.672	1451466	3694687	0.611	0.698
15) B Endosulfa...	6.247	6.885	1157157	4250341	0.515	0.596m
16) A 4,4'-DDD	6.098	6.796	750202	3506848	0.361	0.526m#
17) MA 4,4'-DDT	6.338	7.096	651971	4913661	0.328	0.749 #
18) B Endrin al...	6.416	7.011	1303505	4528808	0.832	0.854
19) B Endosulfa...	6.626	7.234	1689351	5242123	0.851m	0.795
20) A Methoxychlor	6.885	7.557	2893993	9464995	2.791	2.914
21) B Endrin ke...	7.119	7.706	2563751	5183609	1.110	0.723 #

AJ
 10/20/21

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