

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2021 14:51
Operator : AR\AJ
Sample : M4419-07MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

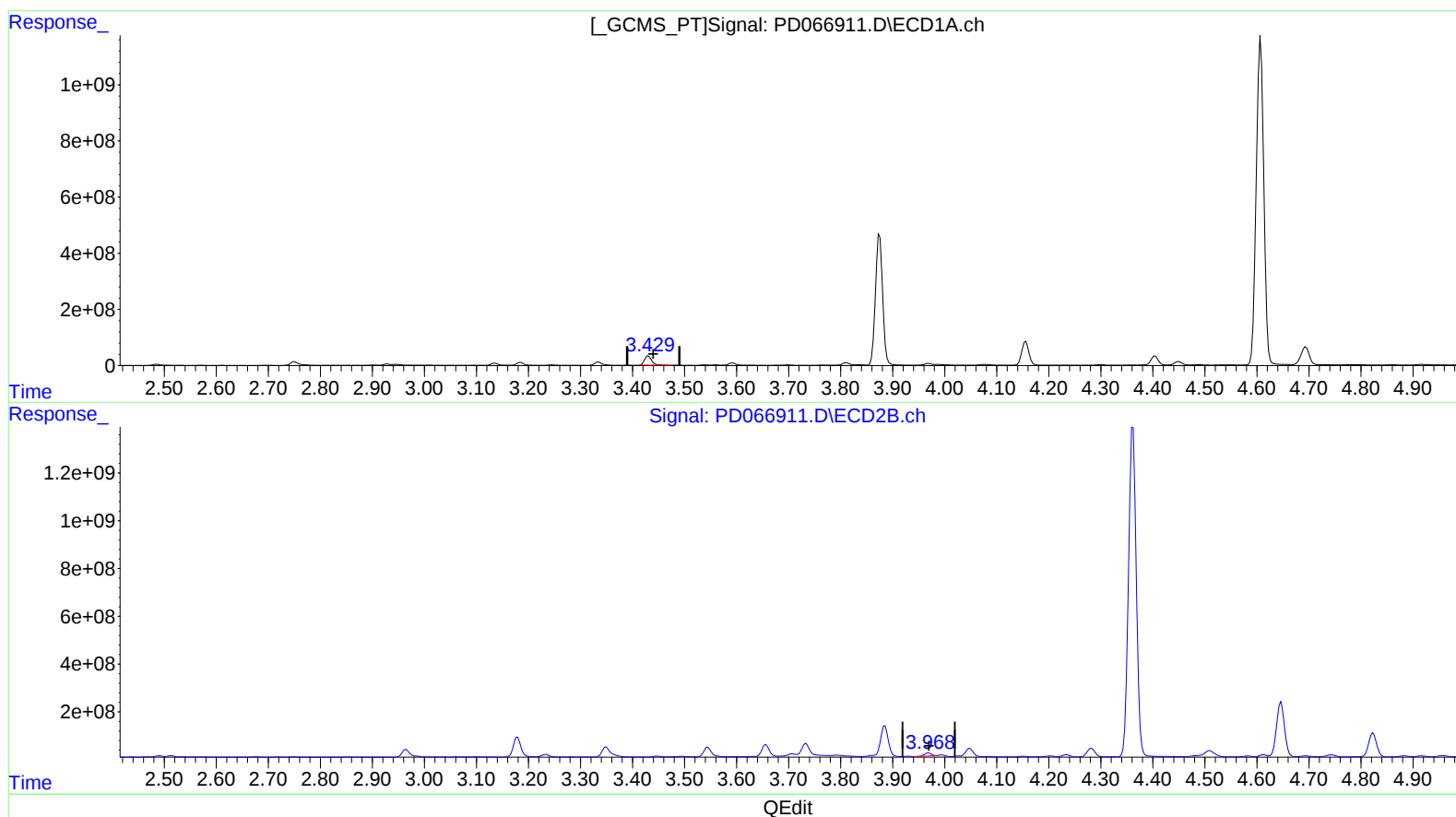
Instrument :
ECD_D
ClientSampleId :
C0HF5MS

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/15/2021
Supervised By :mohammad ahmed 11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 08:33:36 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)

3.431min 162.765 ng/ml

response 314636895

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

3.969min 13.275 ng/ml

response 114965152

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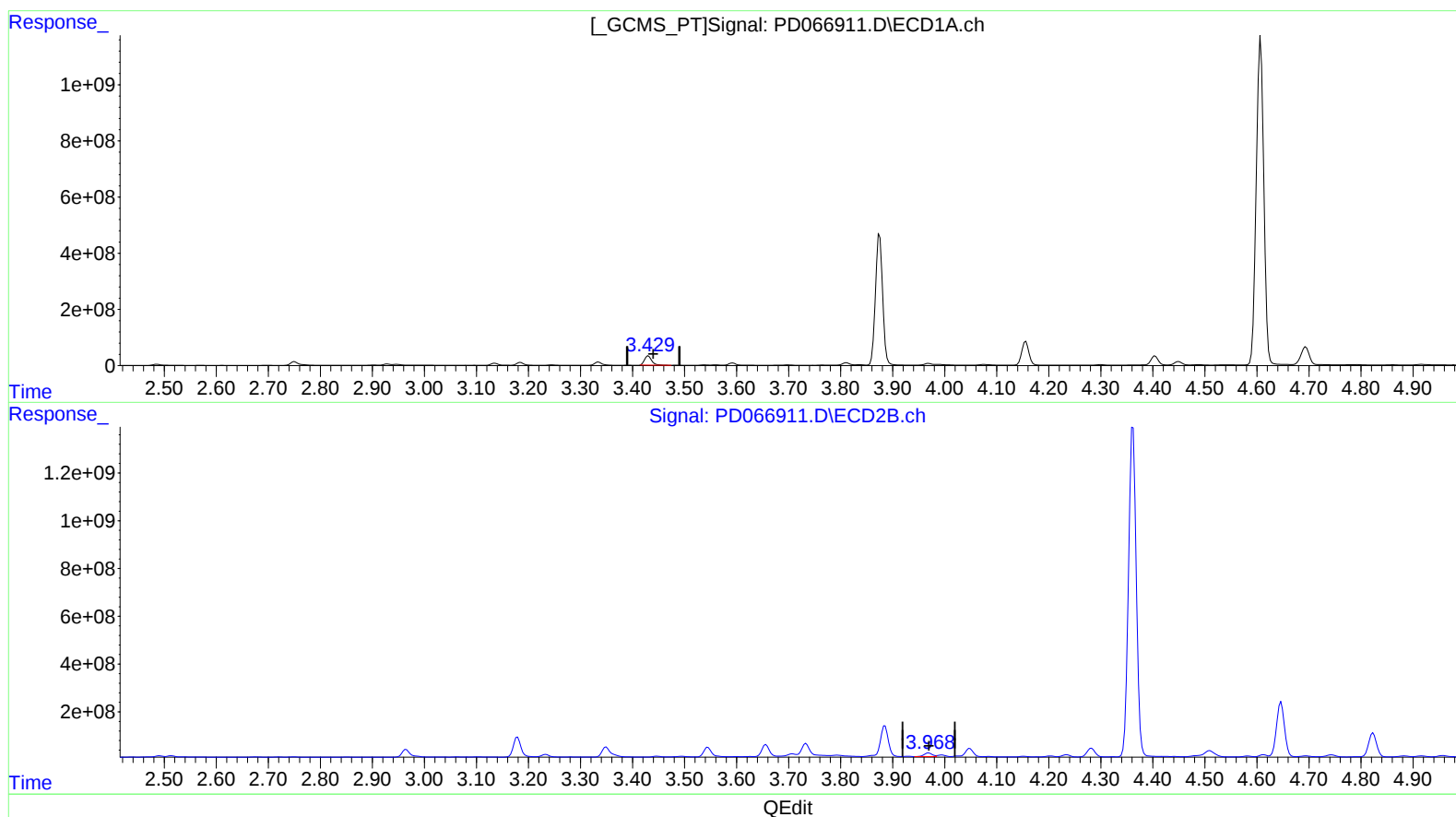
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response 314636895

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3.968min 20.083 ng/ml m

response 173925016

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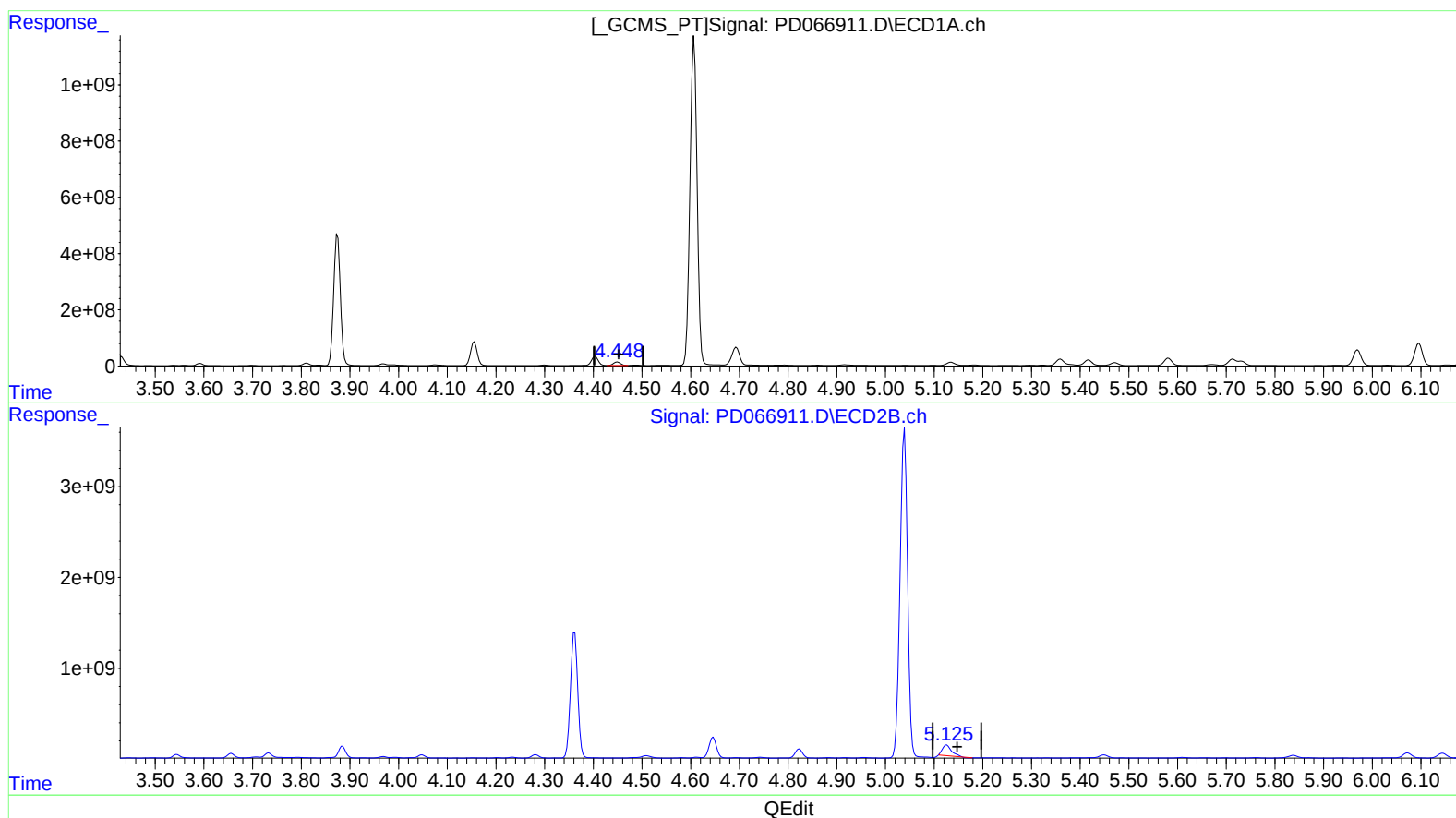
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(4) Heptachlor (MA)

4.450min 42.835 ng/ml

response 121858077

(4) Heptachlor #2 (MA)

5.126min 150.216 ng/ml

response 1472360739

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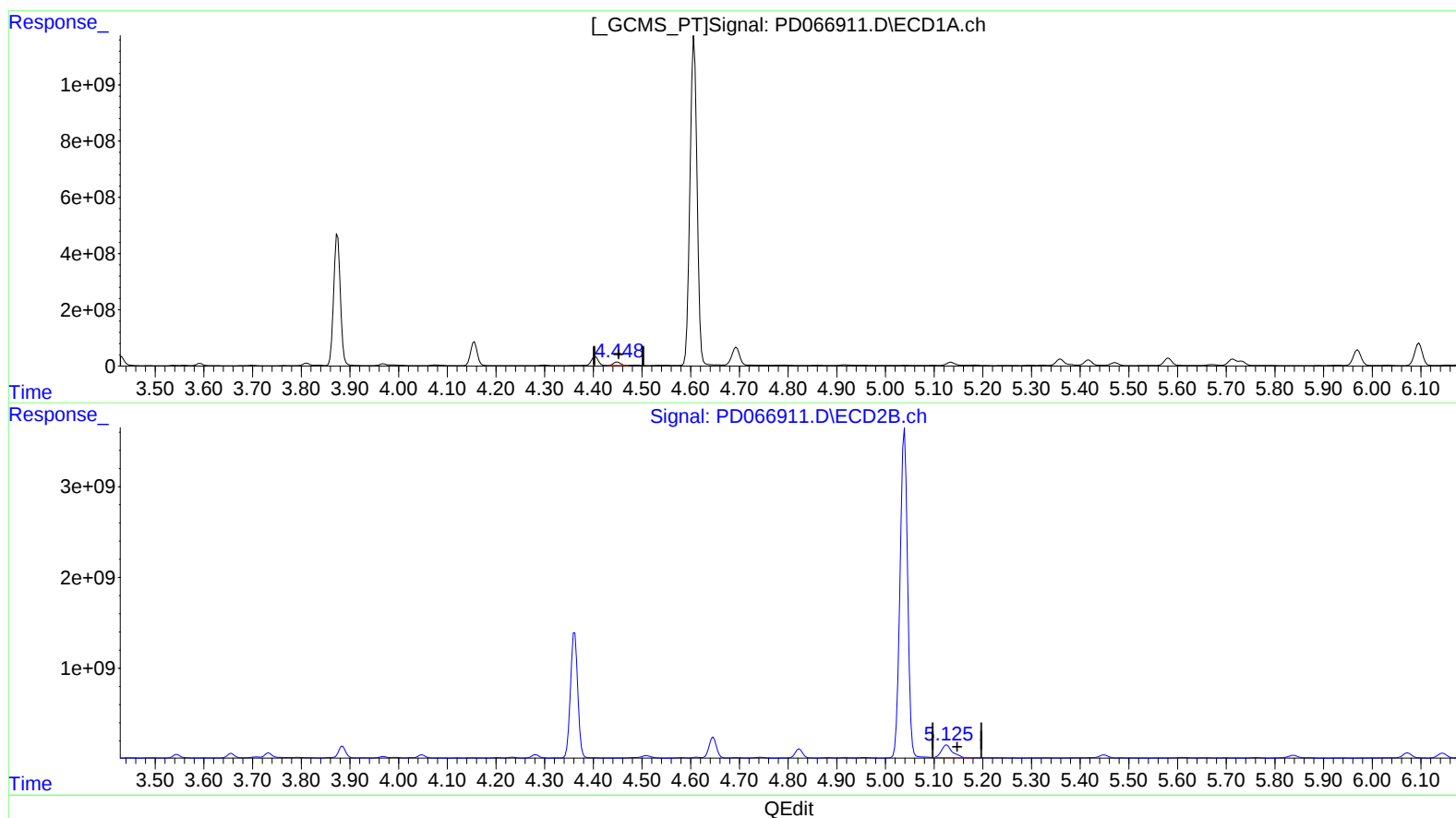
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(4) Heptachlor (MA)

4.450min 42.835 ng/ml

response 121858077

(4) Heptachlor #2 (MA)

5.125min 223.528 ng/ml m

response 2190936855

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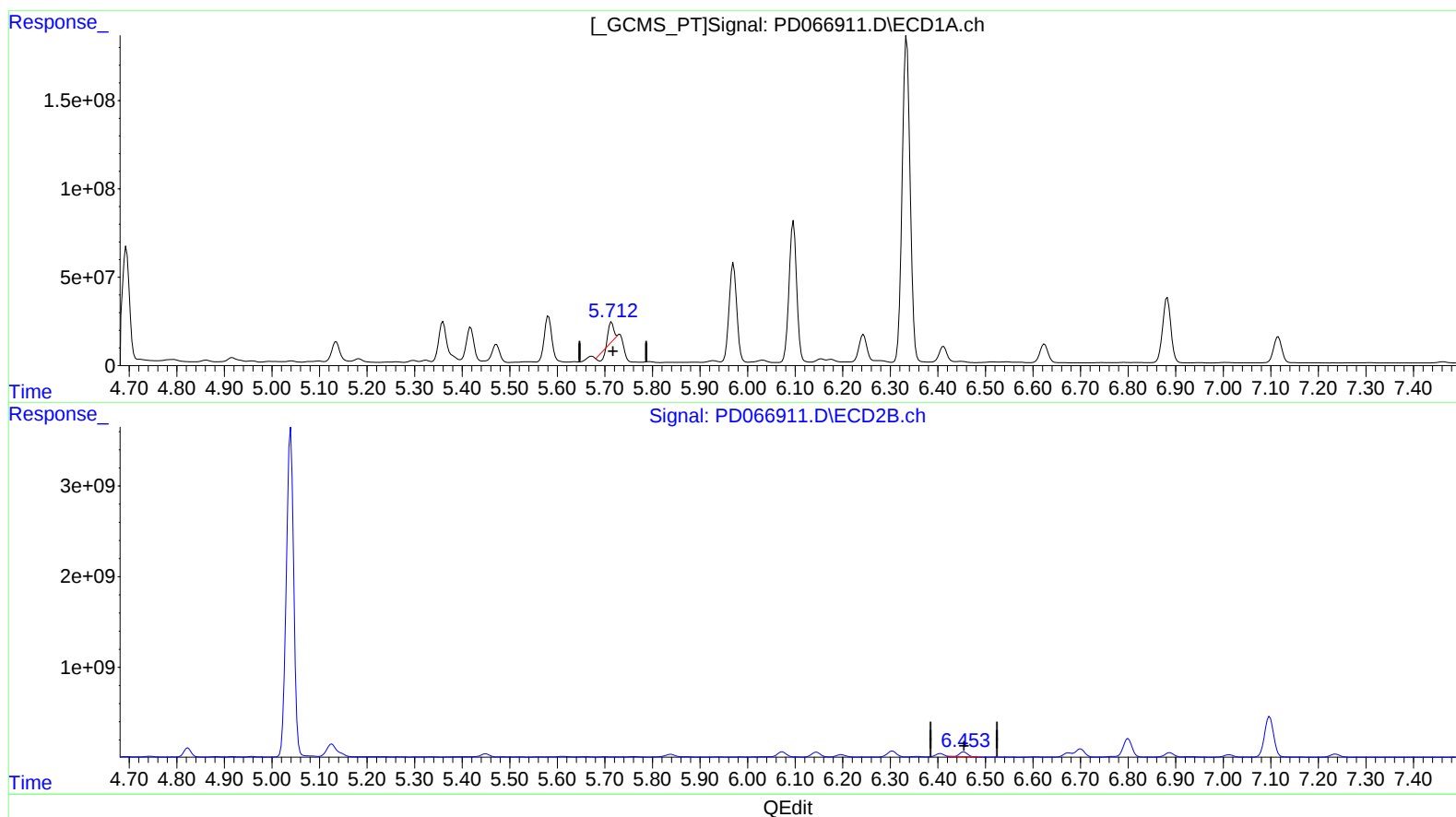
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(13) Dieldrin (MA)

5.714min 18.268 ng/ml

response 45587068

(13) Dieldrin #2 (MA)

6.455min 65.838 ng/ml

response 525241899

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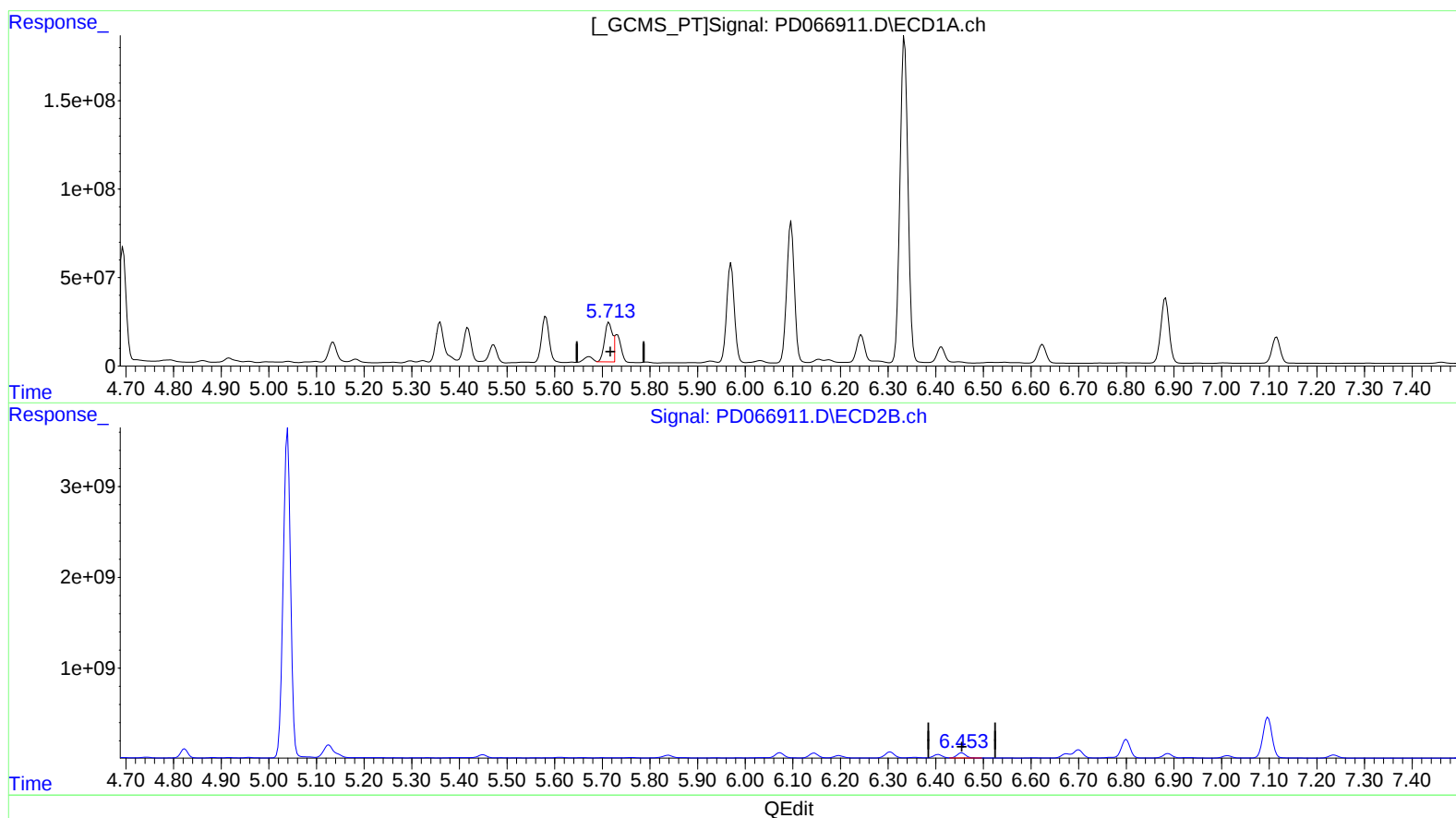
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(13) Dieldrin (MA)
5.713min 117.343 ng/ml m
response 292823581

(13) Dieldrin #2 (MA)
6.453min 90.581 ng/ml m
response 722630303

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.431	3.968	314.6E6	173.9E6	162.765	20.083m#
27) SA Decachlor...	8.164	9.027	27549610	143.6E6	23.513	27.535
Target Compounds						
2) A alpha-BHC	3.875	4.363	4450.8E6	10684.0E6	1520.575	977.120 #
3) MA gamma-BHC...	4.156	4.647	806.4E6	2361.6E6	291.274	233.690
4) MA Heptachlor	4.450	5.125	121.9E6	2190.9E6	42.835	223.528m#
5) MB Aldrin	4.694	5.450	722.9E6	392.8E6	251.066	41.684 #
6) B beta-BHC	4.404	4.823	304.9E6	1074.6E6	242.741	218.085
7) B delta-BHC	4.607	5.039	11820.5E6	23050.4E6	4459.586	2329.948 #
8) B Heptachlo...	5.135	5.839	120.7E6	369.4E6	47.474	49.141
9) A Endosulfan I	5.472	6.197	115.4E6	350.1E6	50.363	44.749
10) B trans-Chl...	5.360	6.073	264.6E6	694.4E6	102.364	80.638
11) B cis-Chlor...	5.418	6.145	215.3E6	690.7E6	84.513	80.484
12) B 4,4'-DDE	5.581	6.305	287.7E6	910.2E6	125.962	119.525
13) MA Dieldrin	5.713	6.453	292.8E6	722.6E6	117.343m	90.581m
14) MA Endrin	5.970	6.675	623.0E6	533.1E6	294.478	78.553 #
15) B Endosulfa...	6.244	6.888	194.0E6	591.9E6	93.452	82.544
16) A 4,4'-DDD	6.097	6.800	889.2E6	2523.7E6	491.223	390.905
17) MA 4,4'-DDT	6.335	7.098	2151.1E6	5926.0E6	1137.708	897.050
18) B Endrin al...	6.412	7.013	96514856	346.9E6	66.247	65.201
19) B Endosulfa...	6.624	7.236	127.6E6	465.8E6	69.967	67.590
20) A Methoxychlor	6.882	7.560	446.2E6	1395.2E6	476.080	431.712
21) B Endrin ke...	7.116	7.709	177.0E6	632.4E6	85.907	80.678

AS
 11/22/21

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