

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111121\
Data File : PD066890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2021 15:40
Operator : AR\AJ
Sample : M4419-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

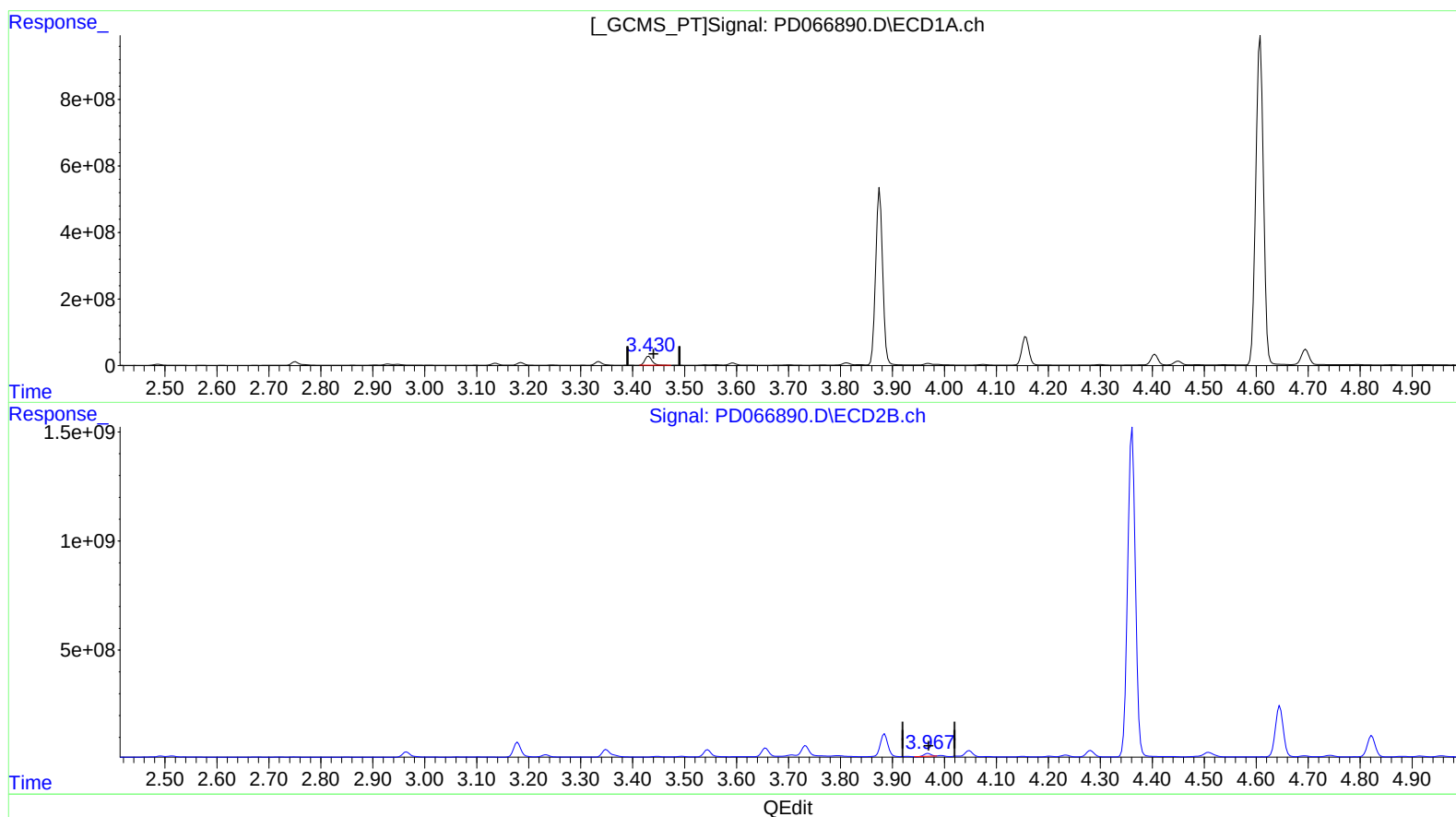
Instrument :
ECD_D
ClientSampleId :
C0HF5MSD

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 11/12/2021
Supervised By :mohammad ahmed 11/12/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 06:27:29 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 133.614 ng/ml

response 258285664

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

3.969min 13.072 ng/ml

response 113211949

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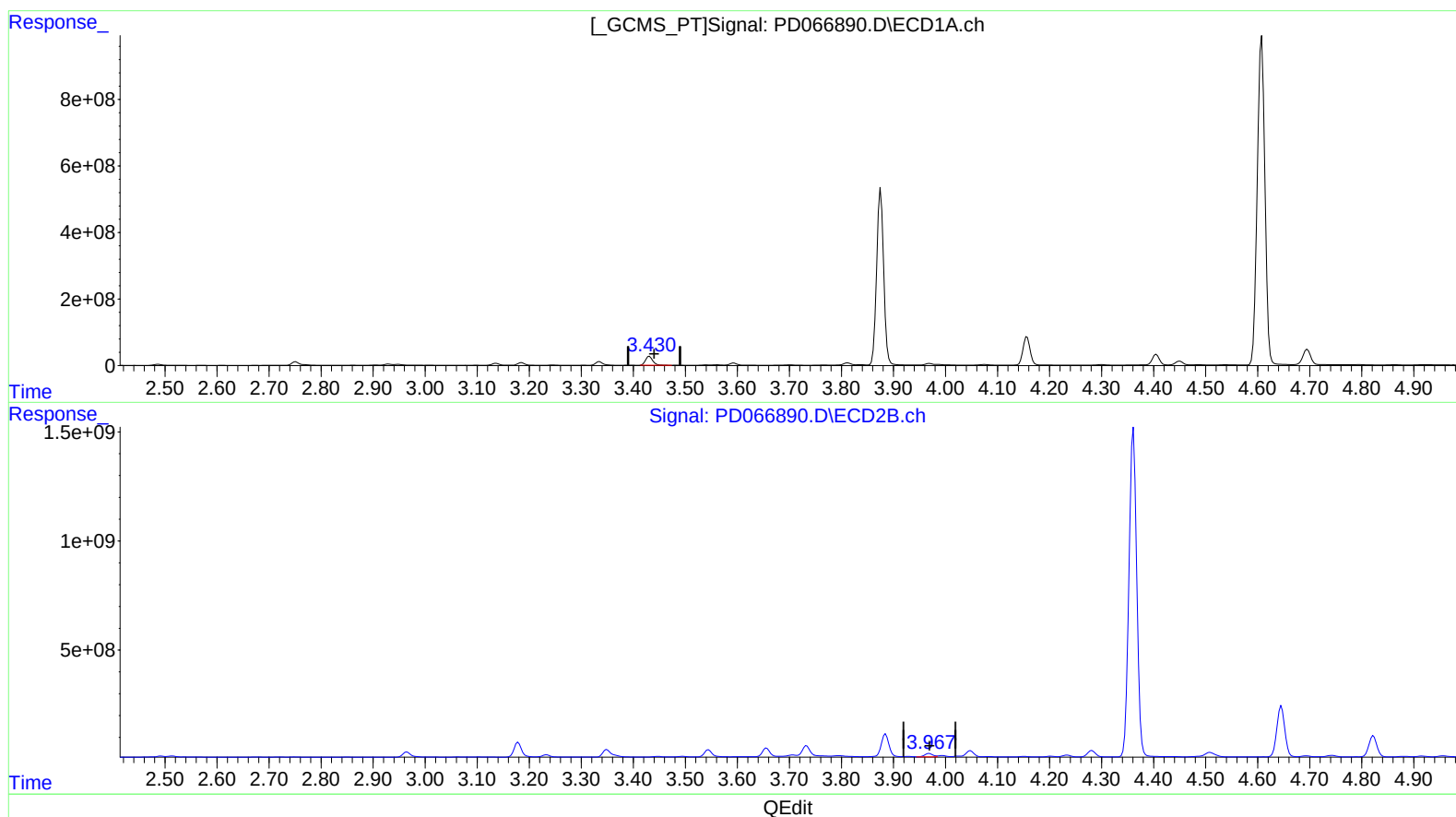
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(1) Tetrachloro-m-xylene (SA)

3.431min 133.614 ng/ml

response 258285664

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

3.967min 18.841 ng/ml m

response 163172408

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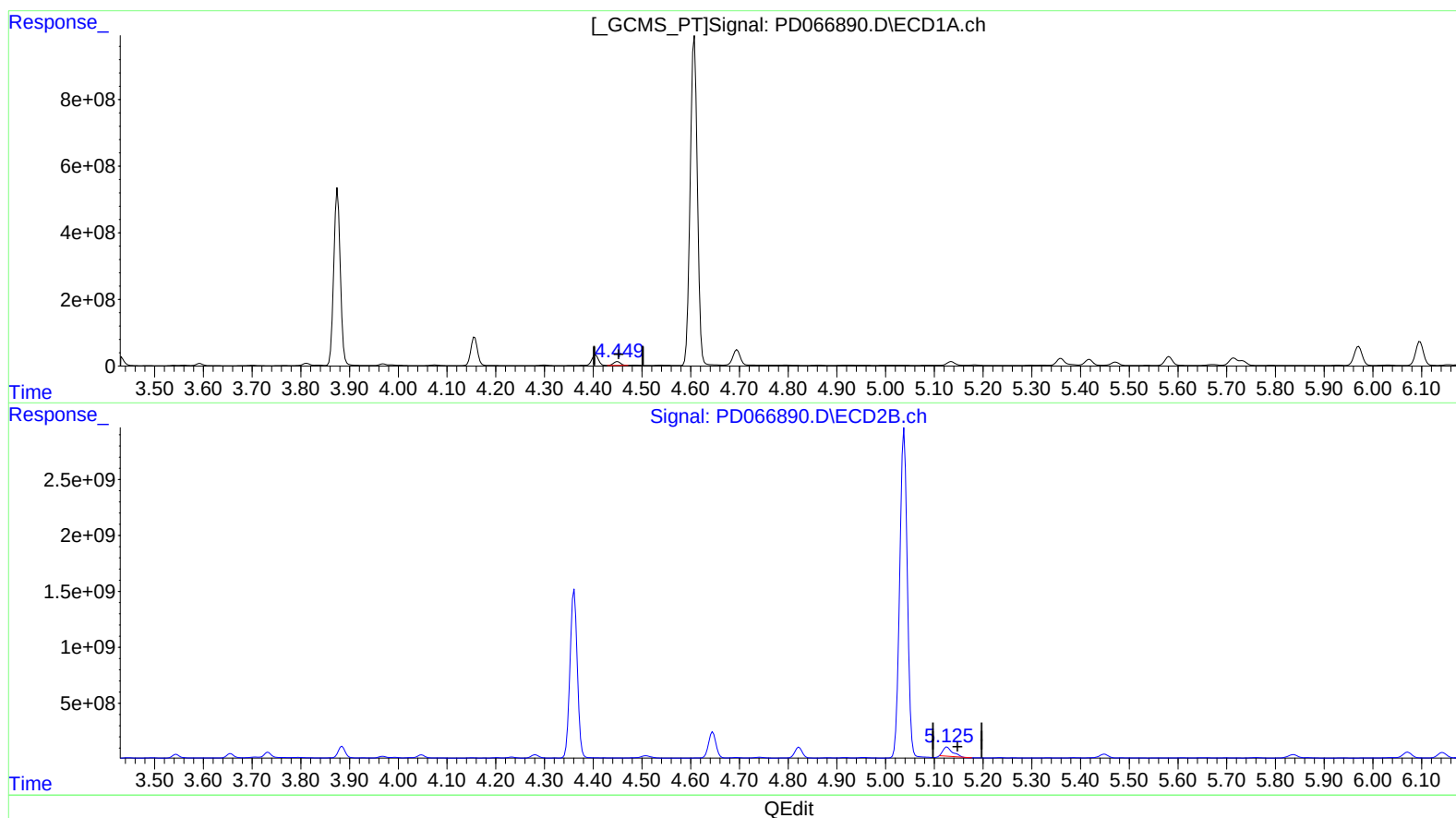
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(4) Heptachlor (MA)

4.450min 39.796 ng/ml

response 113213647

(4) Heptachlor #2 (MA)

5.126min 111.221 ng/ml

response 1090144341

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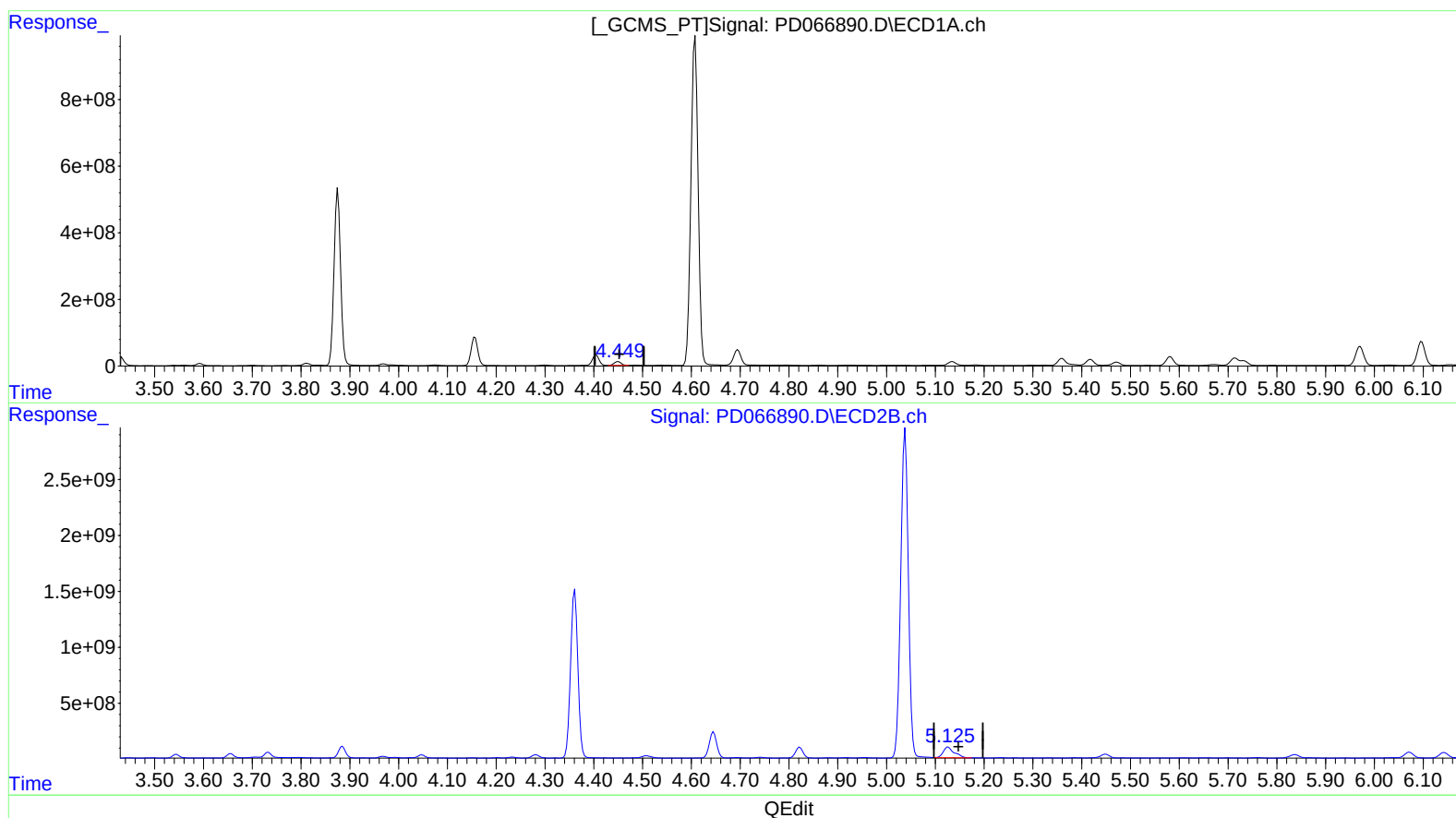
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(4) Heptachlor (MA)

4.450min 39.796 ng/ml

response 113213647

(4) Heptachlor #2 (MA)

5.125min 152.725 ng/ml m

response 1496951183

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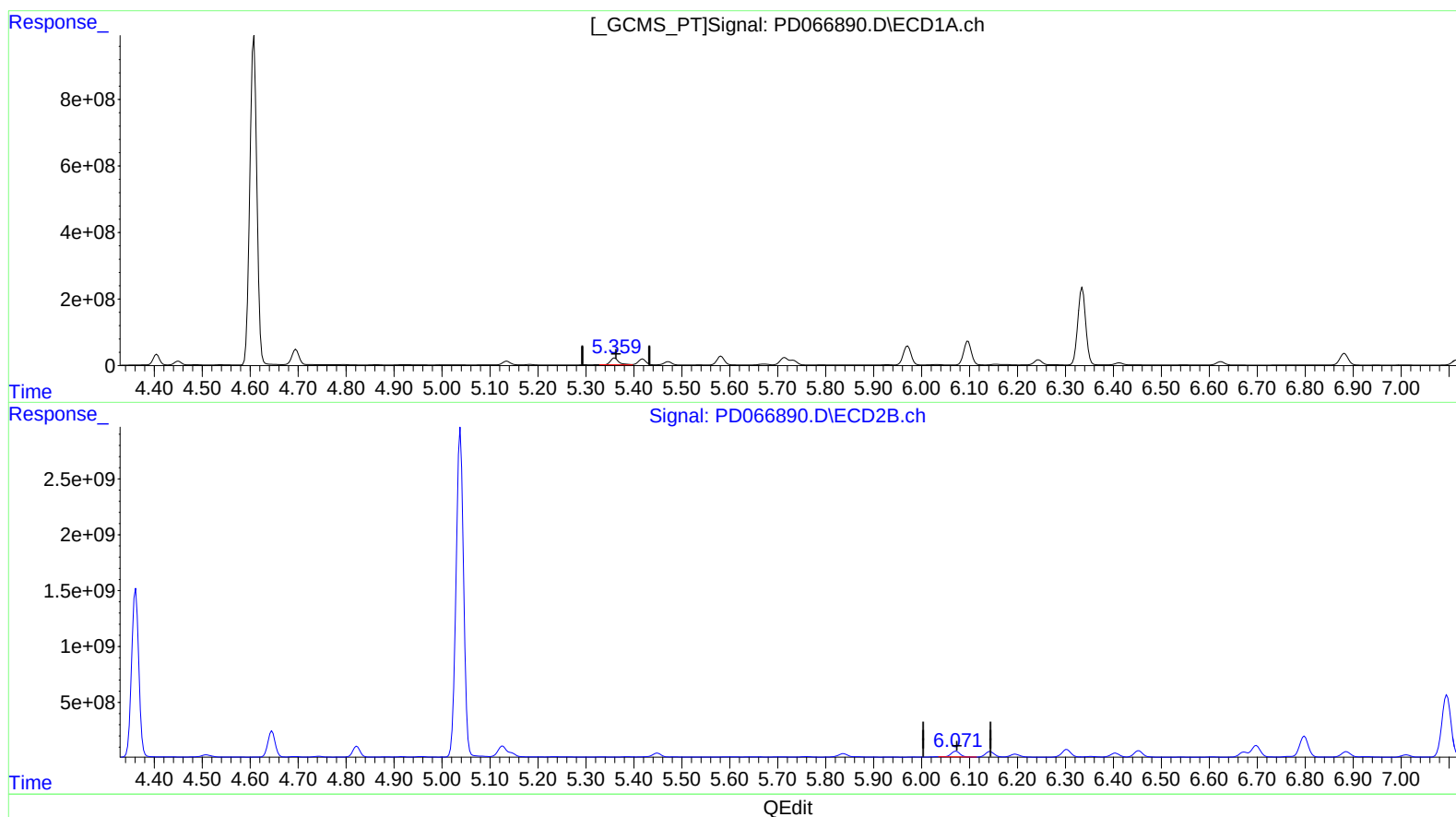
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(10) trans-Chlordane (B)

5.360min 94.419 ng/ml

response 244044708

(10) trans-Chlordane #2 (B)

6.072min 74.690 ng/ml

response 643177971

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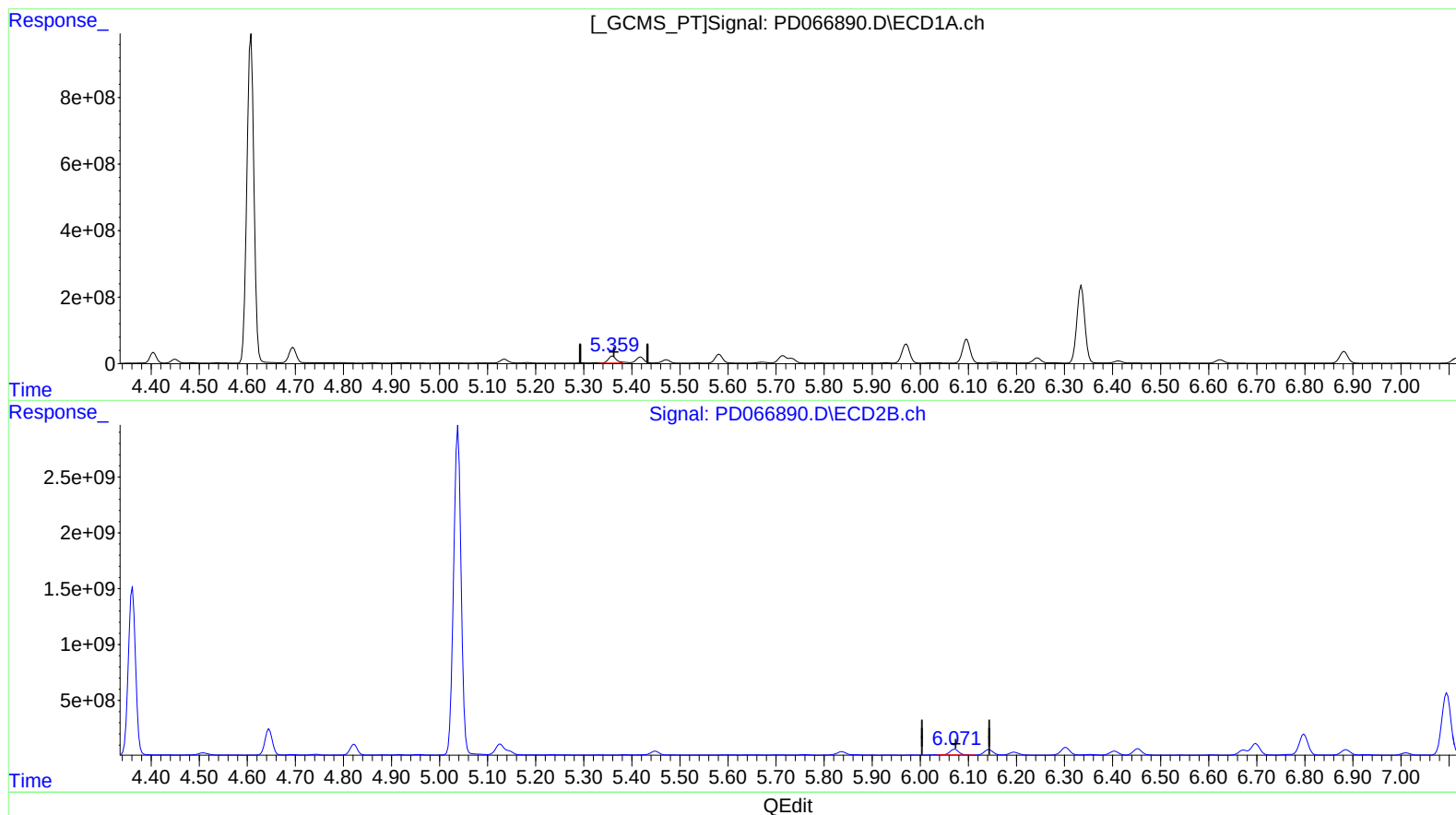
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)
5.359min 91.062 ng/ml m
response 235367019

(10) trans-Chlordane #2 (B)
6.072min 74.690 ng/ml
response 643177971

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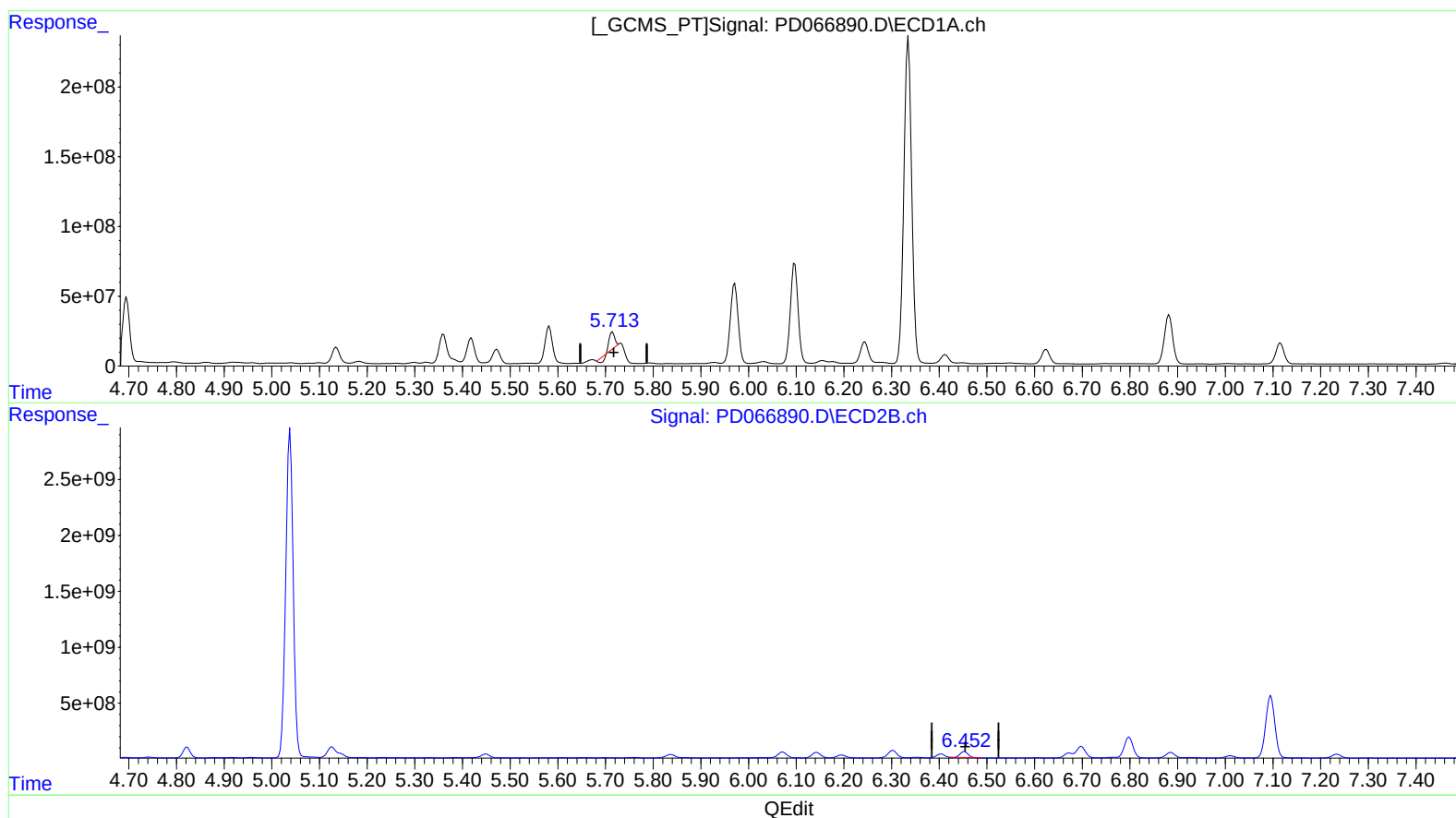
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(13) Dieldrin (MA)
5.715min 25.886 ng/ml
response 64597222

(13) Dieldrin #2 (MA)
6.453min 72.013 ng/ml
response 574502259

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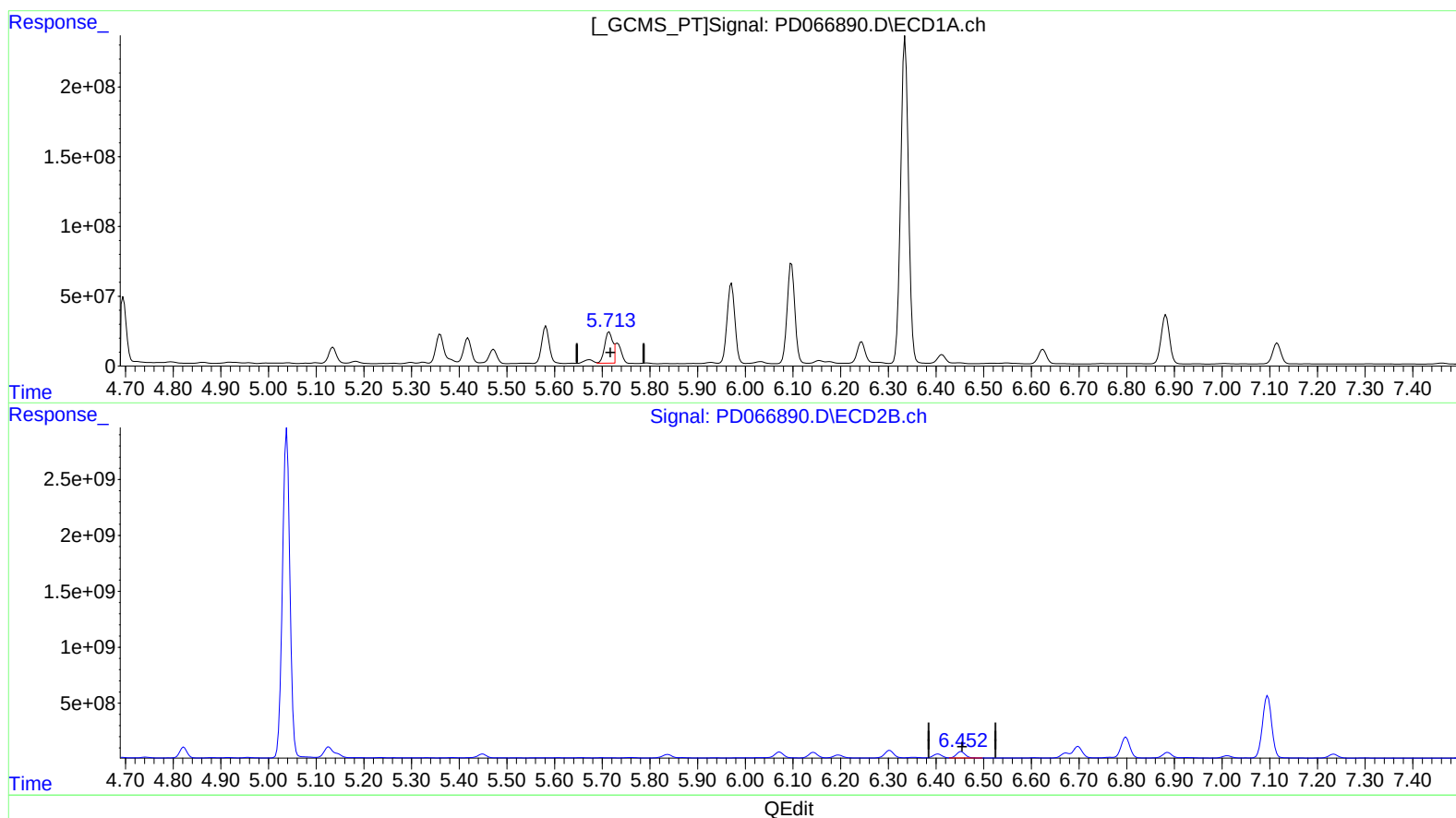
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(13) Dieldrin (MA)
5.713min 104.053 ng/ml m
response 259658719

(13) Dieldrin #2 (MA)
6.452min 94.361 ng/ml m
response 752789883

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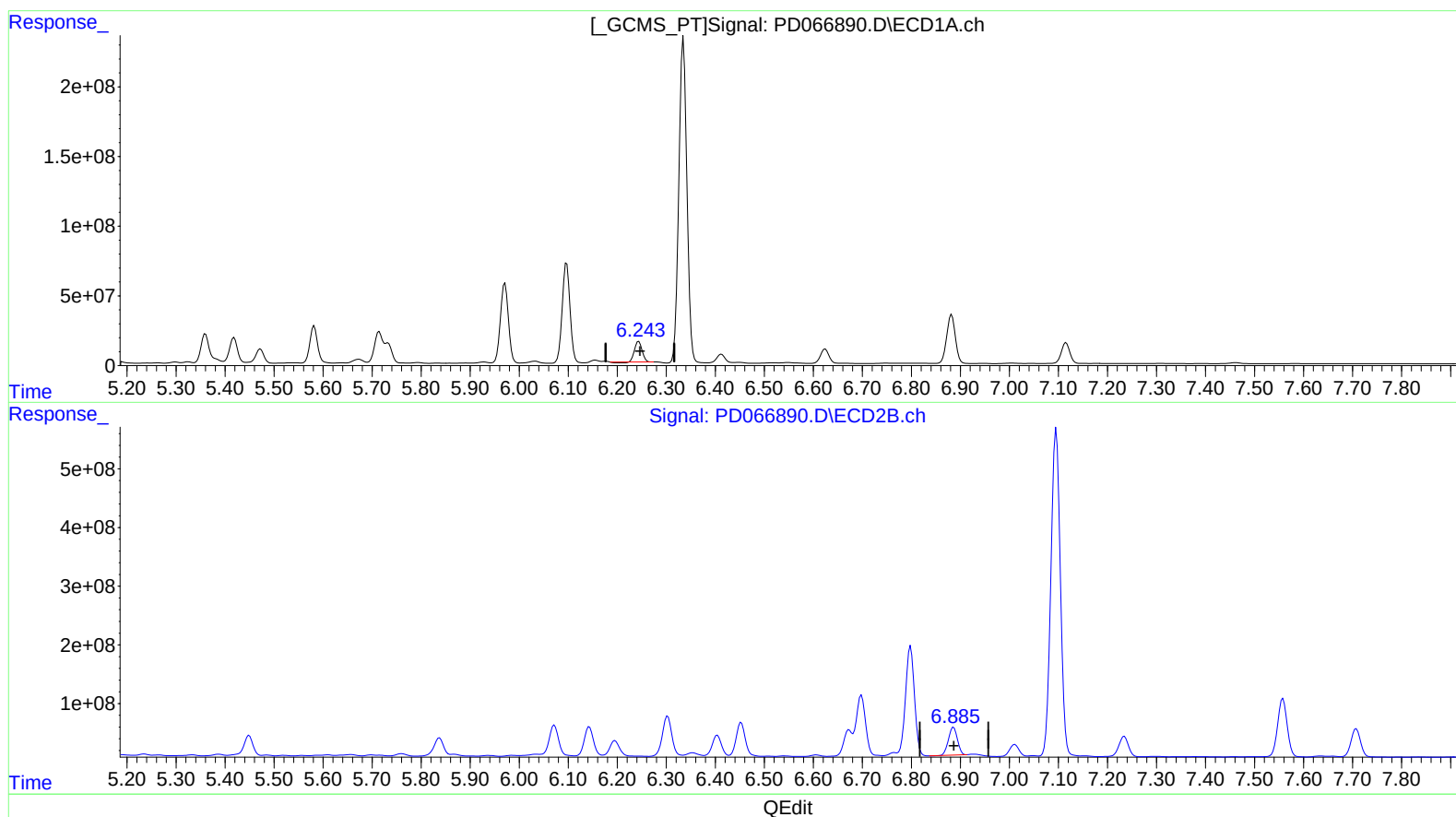
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(15) Endosulfan II (B)
6.244min 73.180 ng/ml
response 151953939

(15) Endosulfan II #2 (B)
6.886min 84.322 ng/ml
response 604679477

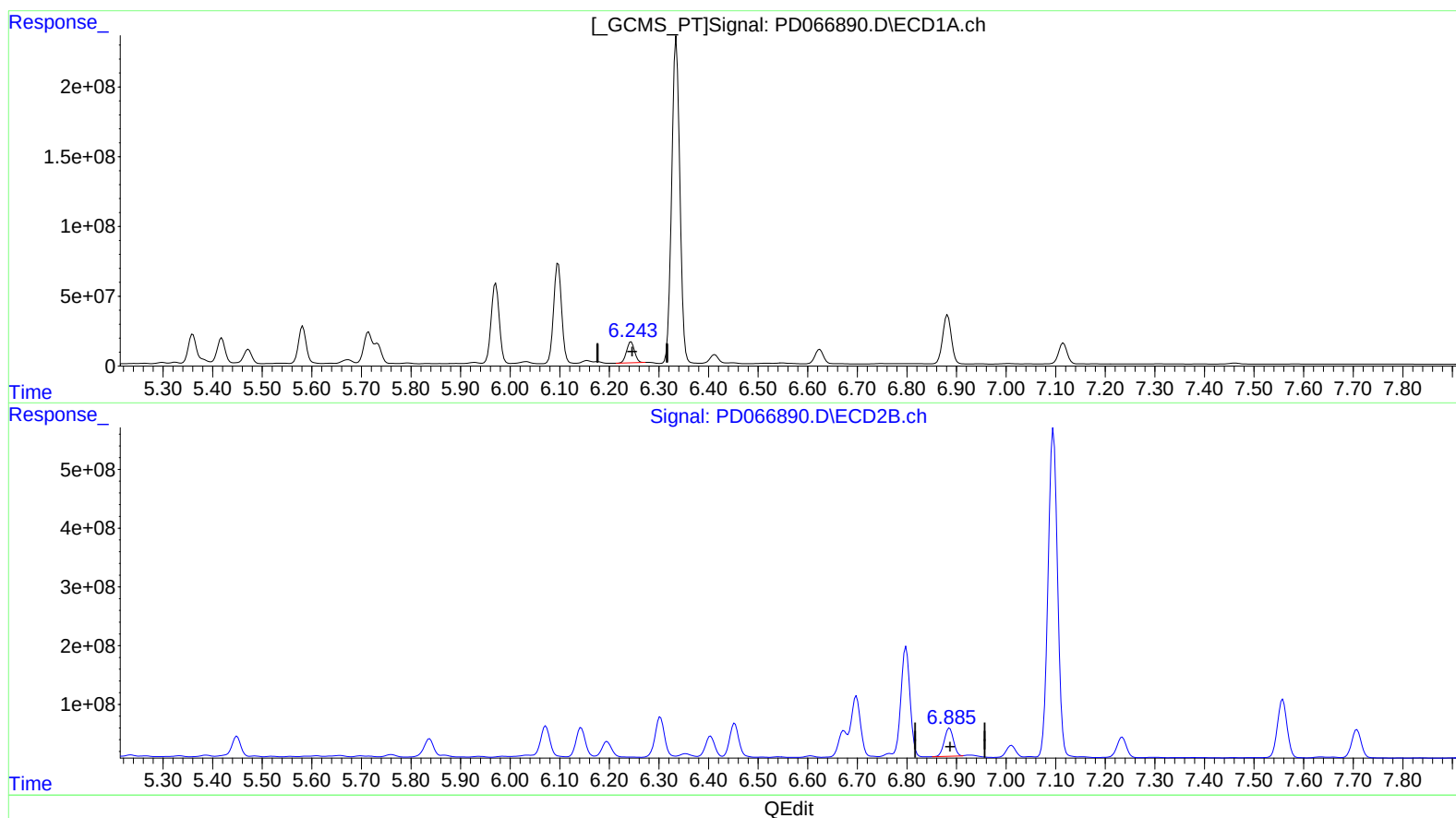
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(15) Endosulfan II (B)
6.243min 81.066 ng/ml m
response 168328050

(15) Endosulfan II #2 (B)
6.885min 86.026 ng/ml m
response 616901020

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

1) SA Tetrachlo...	3.431	3.967	258.3E6	163.2E6	133.614	18.841m#
27) SA Decachlor...	8.163	9.025	24700467	132.9E6	21.081	25.484

Target Compounds

2) A alpha-BHC	3.876	4.361	4948.3E6	11989.7E6	1690.541	1096.536 #
3) MA gamma-BHC...	4.157	4.646	809.9E6	2466.4E6	292.527	244.061
4) MA Heptachlor	4.450	5.125	113.2E6	1497.0E6	39.796	152.725m#
5) MB Aldrin	4.696	5.449	485.9E6	405.5E6	168.754	43.035 #
6) B beta-BHC	4.405	4.822	296.9E6	1041.6E6	236.401	211.388
7) B delta-BHC	4.608	5.038	10062.1E6	20803.1E6	3796.189	2102.799 #
8) B Heptachlo...	5.135	5.838	121.5E6	393.7E6	47.782	52.372
9) A Endosulfan I	5.472	6.196	115.6E6	354.7E6	50.415	45.327
10) B trans-Chl...	5.359	6.072	235.4E6	643.2E6	91.062m	74.690
11) B cis-Chlor...	5.418	6.143	199.1E6	641.6E6	78.147	74.765
12) B 4,4'-DDE	5.582	6.303	289.1E6	899.0E6	126.598	118.057
13) MA Dieldrin	5.713	6.452	259.7E6	752.8E6	104.053m	94.361m
14) MA Endrin	5.971	6.673	651.4E6	494.7E6	307.905	72.896 #
15) B Endosulfa...	6.243	6.885	168.3E6	616.9E6	81.066m	86.026m
16) A 4,4'-DDD	6.097	6.798	806.9E6	2303.9E6	445.762	356.864
17) MA 4,4'-DDT	6.335	7.096	2675.1E6	7405.1E6	1414.812	1120.949
18) B Endrin al...	6.413	7.011	68989036	261.1E6	47.354	49.076
19) B Endosulfa...	6.625	7.235	123.0E6	461.6E6	67.429	66.976
20) A Methoxychlor	6.882	7.558	429.1E6	1351.7E6	457.837	418.250
21) B Endrin ke...	7.116	7.708	179.6E6	636.6E6	87.180	81.219

AJ
 11/18/21

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