

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111121\
Data File : PD066889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2021 15:26
Operator : AR\AJ
Sample : M4419-07MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

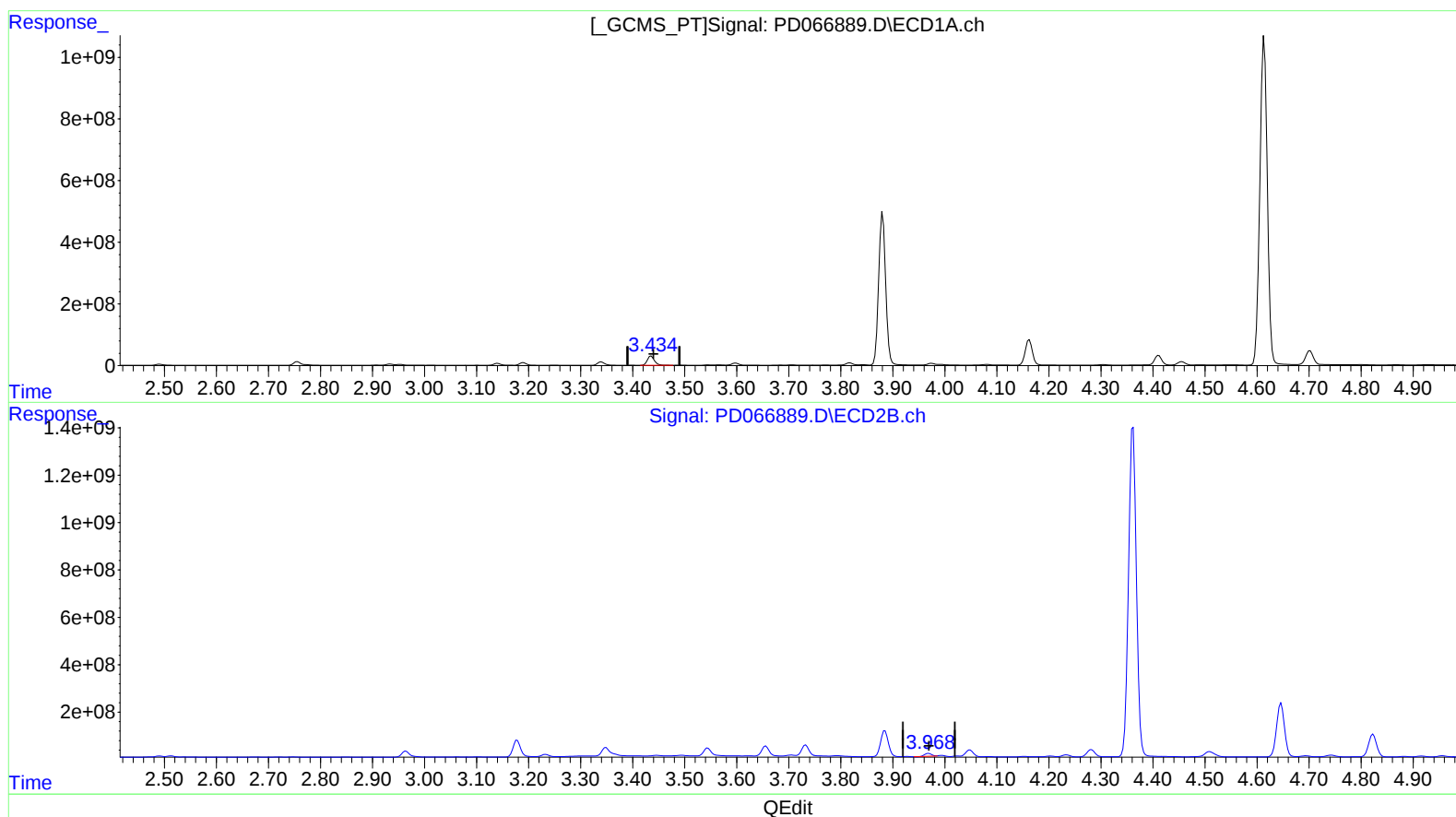
Instrument :
ECD_D
ClientSampleId :
C0HF5MS

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 06:27:09 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)

3.436min 147.415 ng/ml

response 284964800

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

3.969min 12.824 ng/ml

response 111059942

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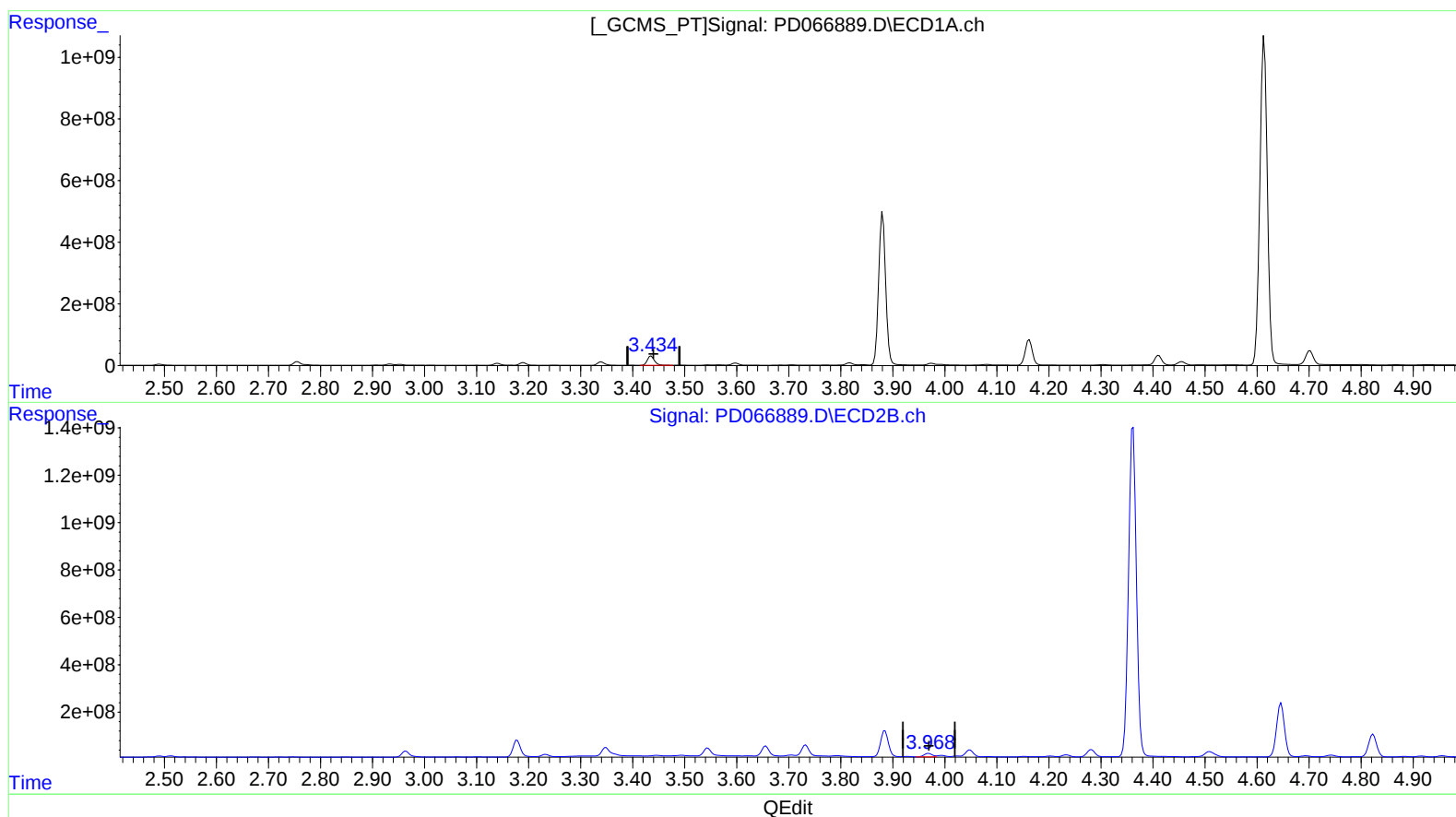
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response 284964800

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

3.968min 19.123 ng/ml m

response 165614635

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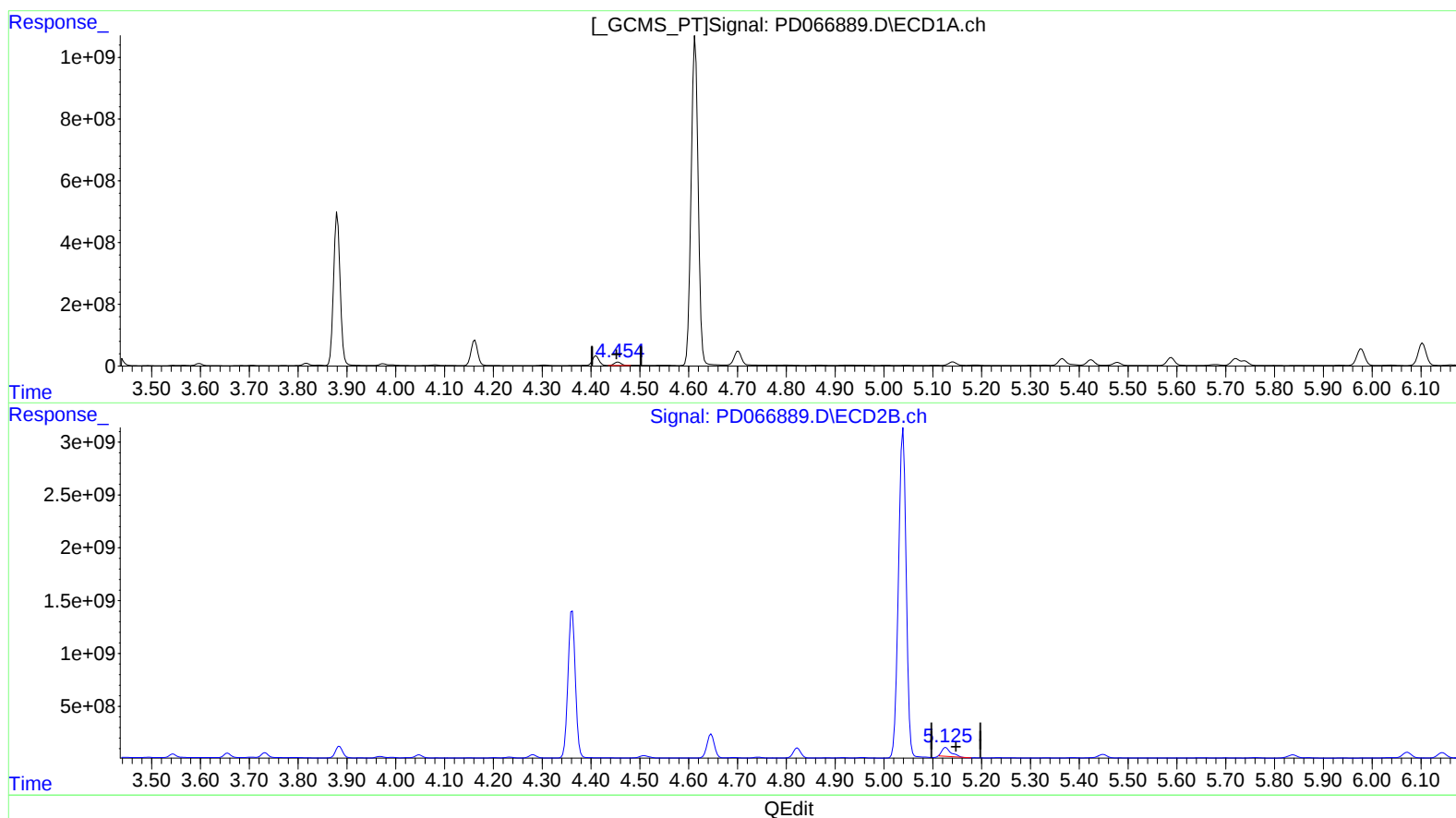
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(4) Heptachlor (MA)

4.456min 36.782 ng/ml

response 104638164

(4) Heptachlor #2 (MA)

5.127min 106.126 ng/ml

response 1040205137

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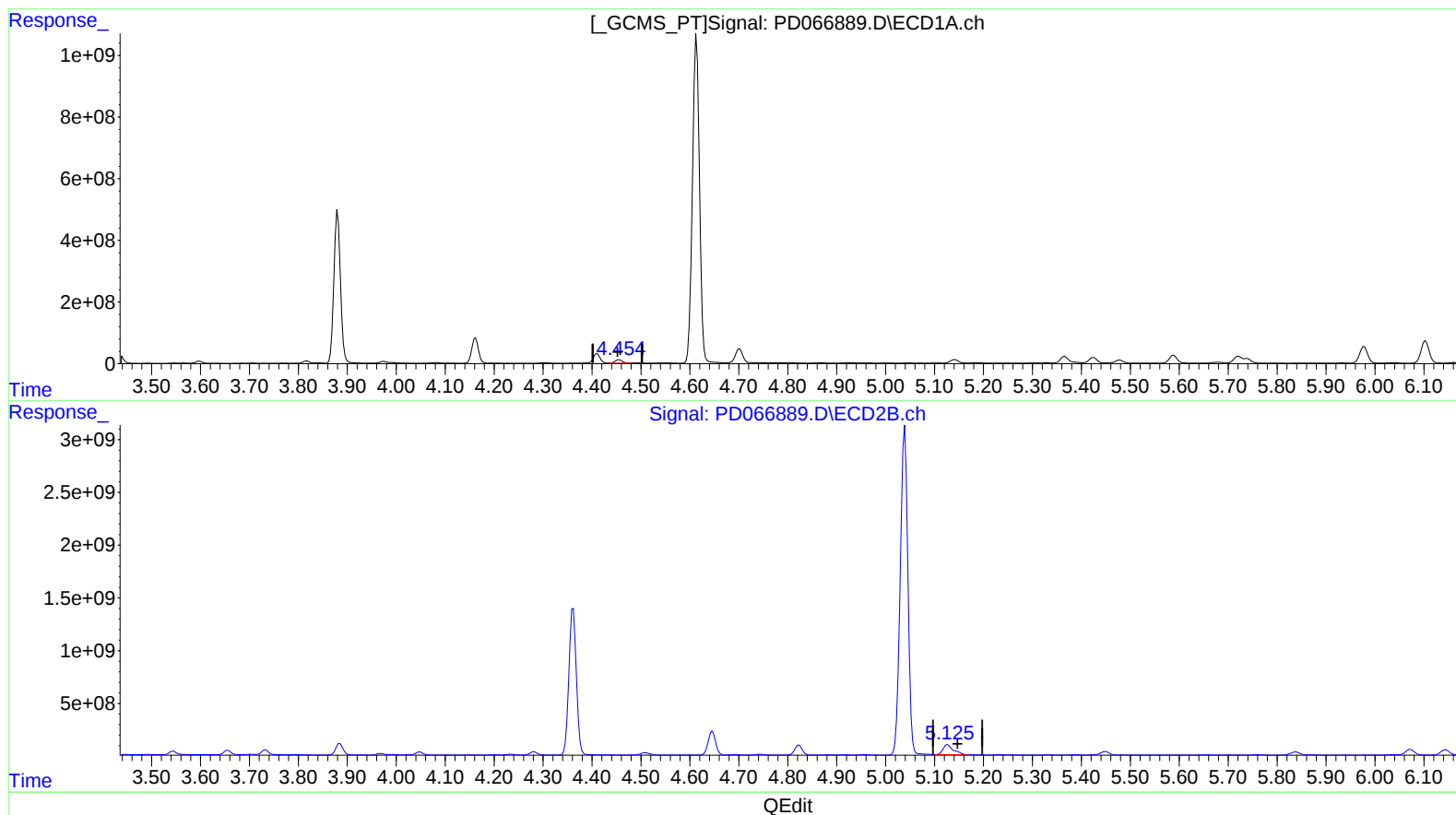
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(4) Heptachlor (MA)

4.456min 36.782 ng/ml

response 104638164

(4) Heptachlor #2 (MA)

5.125min 144.994 ng/ml m

response 1421175216

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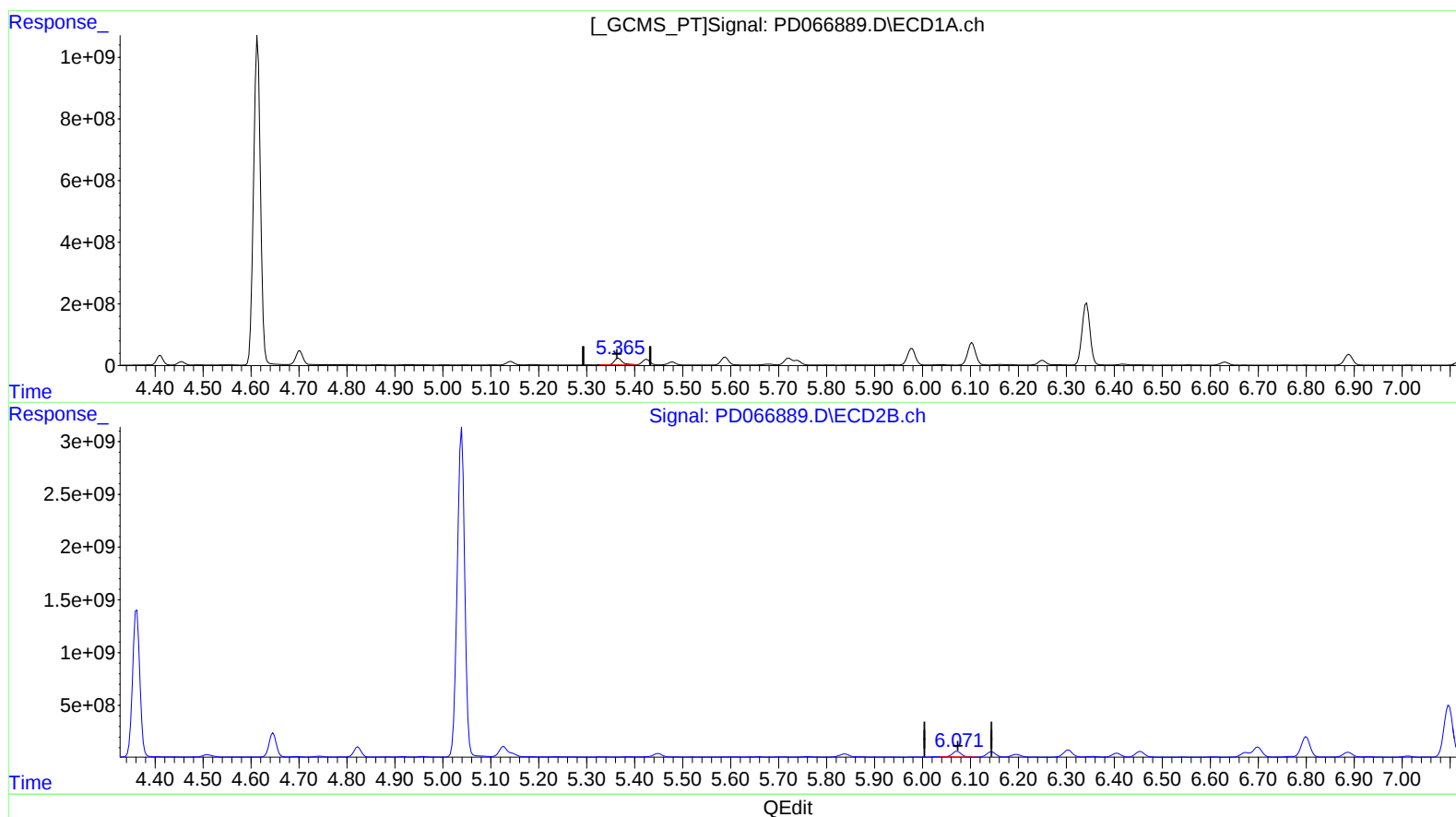
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(10) trans-Chlordane (B)

5.366min 97.765 ng/ml

response 252693269

(10) trans-Chlordane #2 (B)

6.072min 76.443 ng/ml

response 658279202

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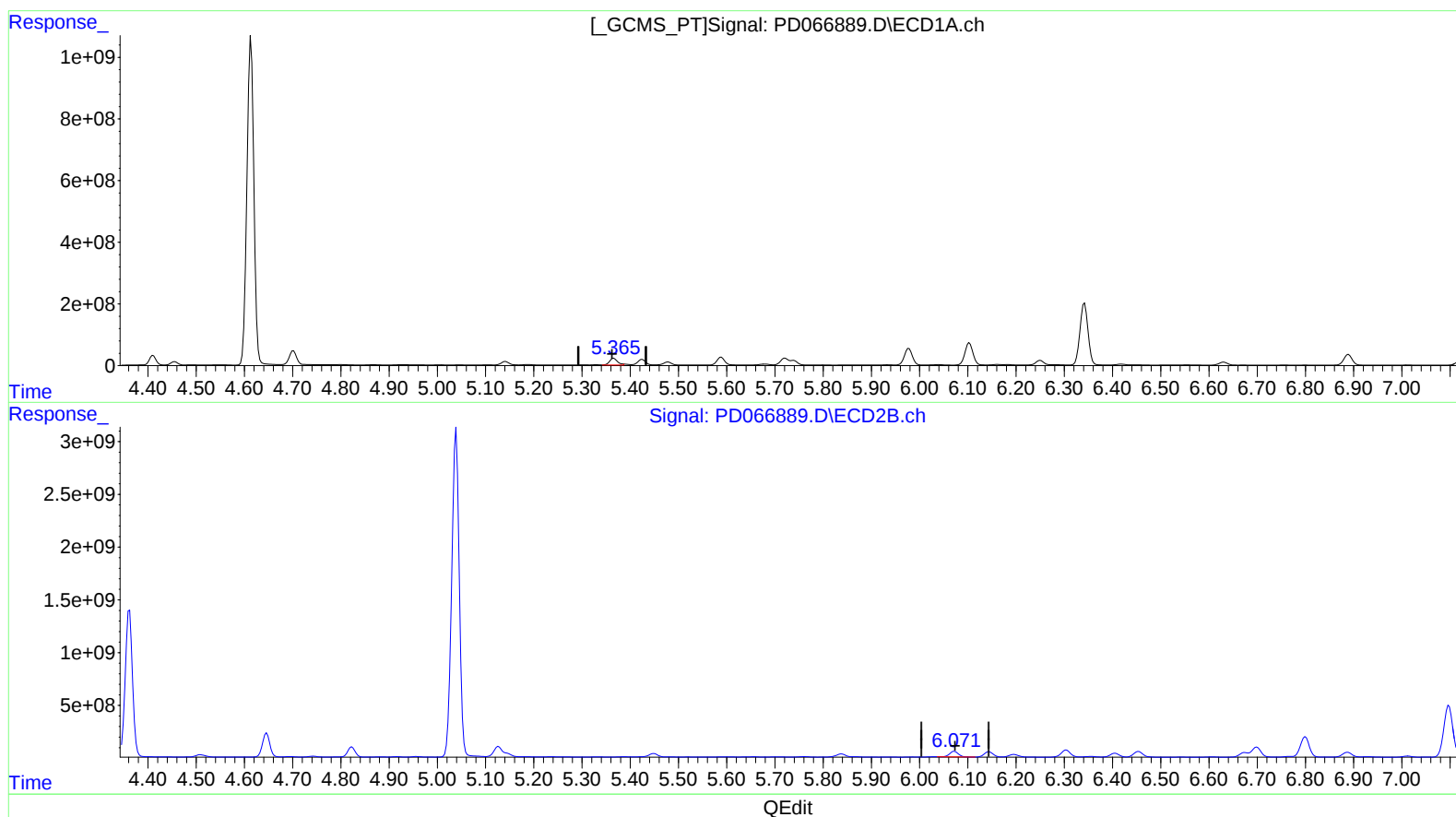
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(10) trans-Chlordane (B)
5.365min 96.989 ng/ml m
response 250686611

(10) trans-Chlordane #2 (B)
6.072min 76.443 ng/ml
response 658279202

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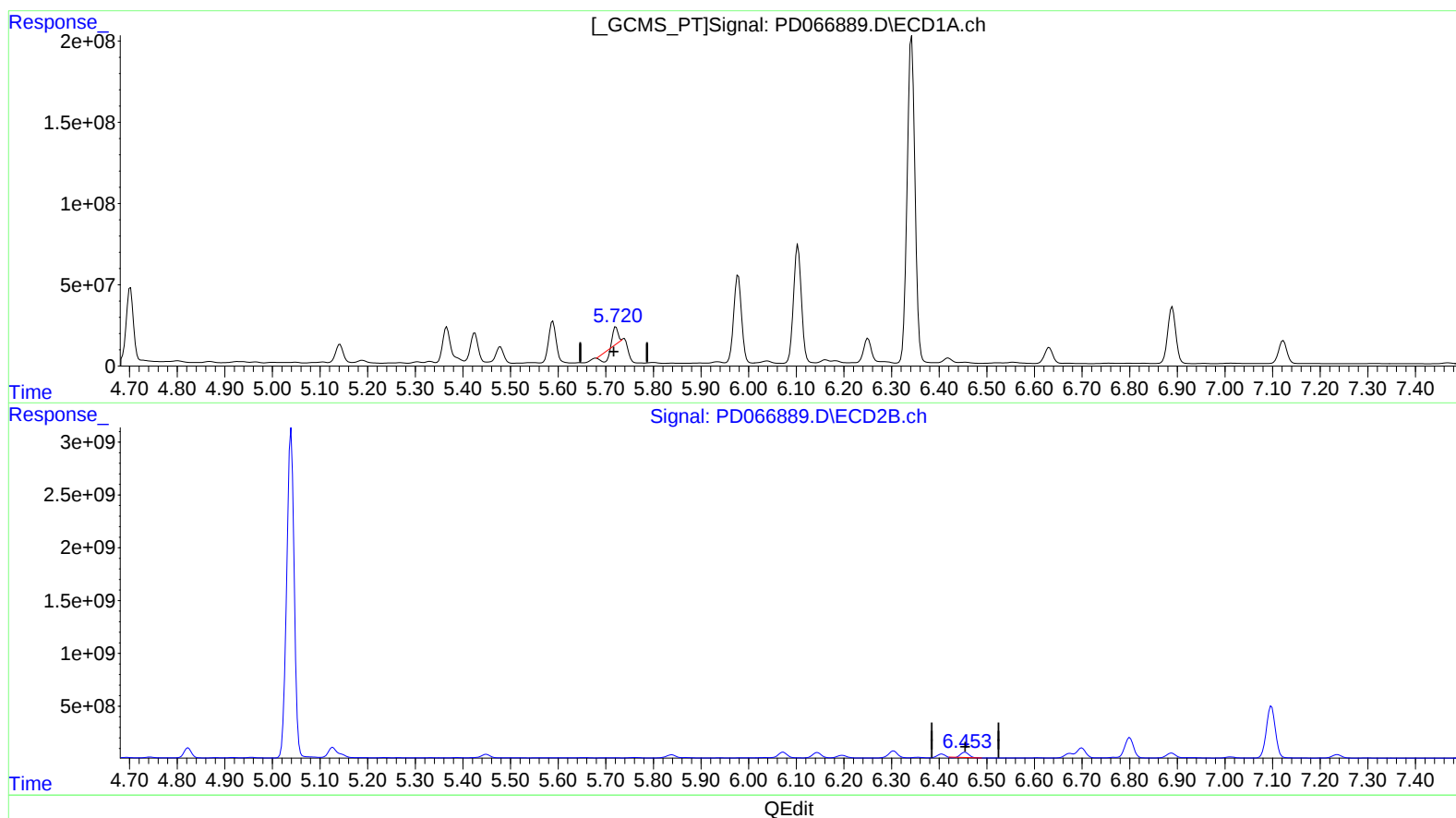
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(13) Dieldrin (MA)

5.721min 4.514 ng/ml

response 11264871

(13) Dieldrin #2 (MA)

6.454min 70.204 ng/ml

response 560072891

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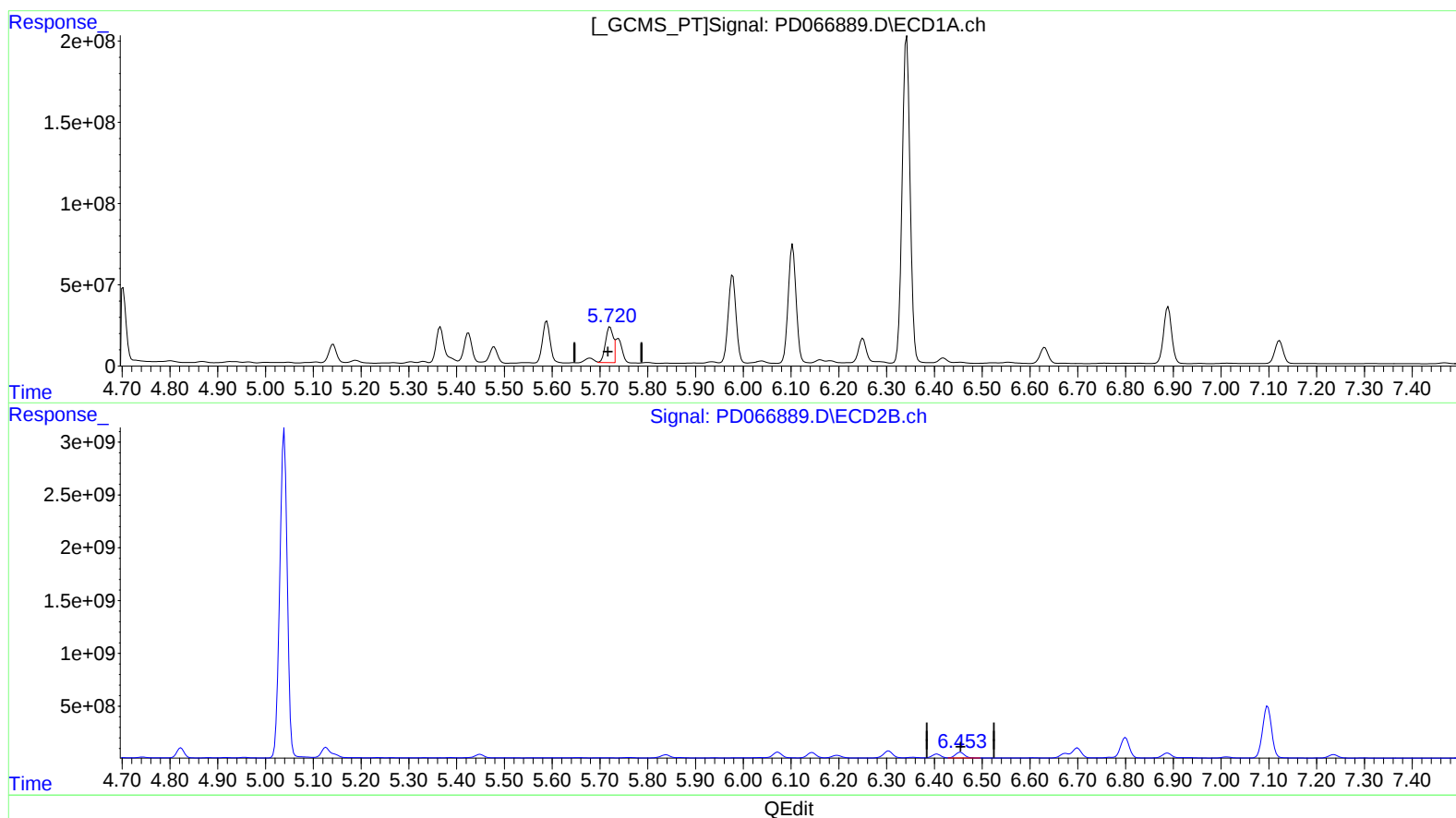
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(13) Dieldrin (MA)
 5.720min 92.148 ng/ml m
 response 229951976

(13) Dieldrin #2 (MA)
 6.453min 88.720 ng/ml m
 response 707788945

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.436	3.968	285.0E6	165.6E6	147.415	19.123m#
27) SA Decachlor...	8.170	9.027	24966130	135.3E6	21.308	25.944
Target Compounds						
2) A alpha-BHC	3.880	4.362	4597.6E6	10944.6E6	1570.729	1000.955 #
3) MA gamma-BHC...	4.162	4.646	776.7E6	2389.3E6	280.554	236.431
4) MA Heptachlor	4.456	5.125	104.6E6	1421.2E6	36.782	144.994m#
5) MB Aldrin	4.702	5.449	460.1E6	396.4E6	159.811	42.071 #
6) B beta-BHC	4.411	4.823	291.8E6	1040.9E6	232.306	211.259
7) B delta-BHC	4.614	5.039	10648.7E6	21610.8E6	4017.512	2184.435 #
8) B Heptachlo...	5.142	5.839	118.4E6	375.0E6	46.576	49.883
9) A Endosulfan I	5.479	6.196	112.8E6	345.8E6	49.213	44.193
10) B trans-Chl...	5.365	6.072	250.7E6	658.3E6	96.989m	76.443
11) B cis-Chlor...	5.425	6.144	204.6E6	658.4E6	80.307	76.727
12) B 4,4'-DDE	5.589	6.304	277.6E6	892.2E6	121.556	117.163
13) MA Dieldrin	5.720	6.453	230.0E6	707.8E6	92.148m	88.720m
14) MA Endrin	5.978	6.675	608.7E6	478.2E6	287.690	70.471 #
15) B Endosulfa...	6.251	6.888	182.7E6	570.4E6	87.965	79.540
16) A 4,4'-DDD	6.103	6.800	834.6E6	2400.7E6	461.101	371.853
17) MA 4,4'-DDT	6.342	7.098	2313.8E6	6438.3E6	1223.743	974.593
18) B Endrin al...	6.419	7.012	30186066	131.2E6	20.719	24.652
19) B Endosulfa...	6.631	7.236	116.1E6	441.3E6	63.647	64.038
20) A Methoxychlor	6.890	7.560	412.6E6	1314.0E6	440.237	406.576
21) B Endrin ke...	7.122	7.709	172.5E6	615.0E6	83.704	78.460

AS
 11/18/21

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