

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
Data File : PD066848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Nov 2021 17:42
Operator : AR\AJ
Sample : M4419-07MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0HF5MS

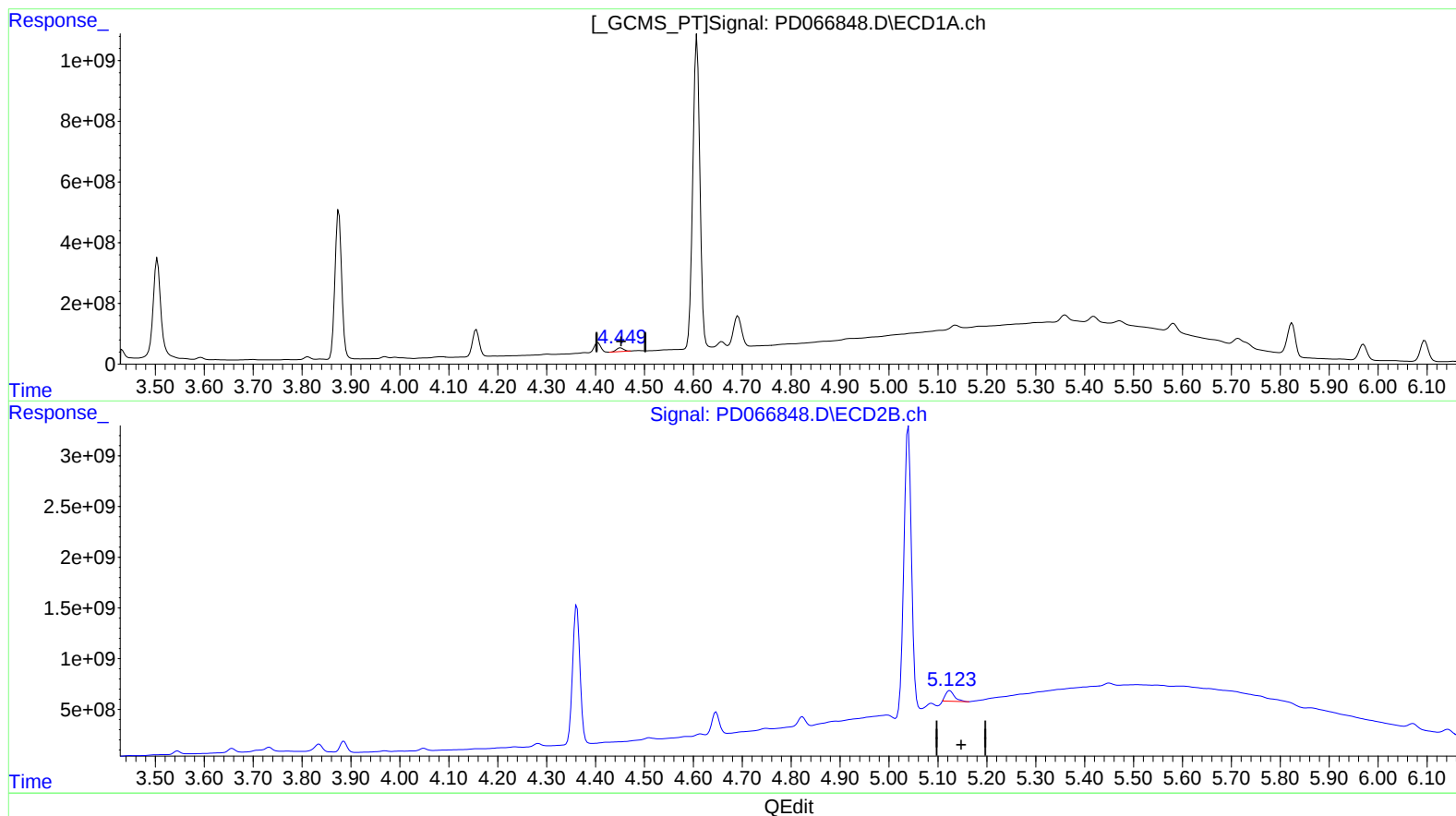
Manual IntegrationsAPPROVED

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 02:09:11 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 44.113 ng/ml

response 125494608

(4) Heptachlor #2 (MA)

5.125min 133.403 ng/ml

response 1307569434

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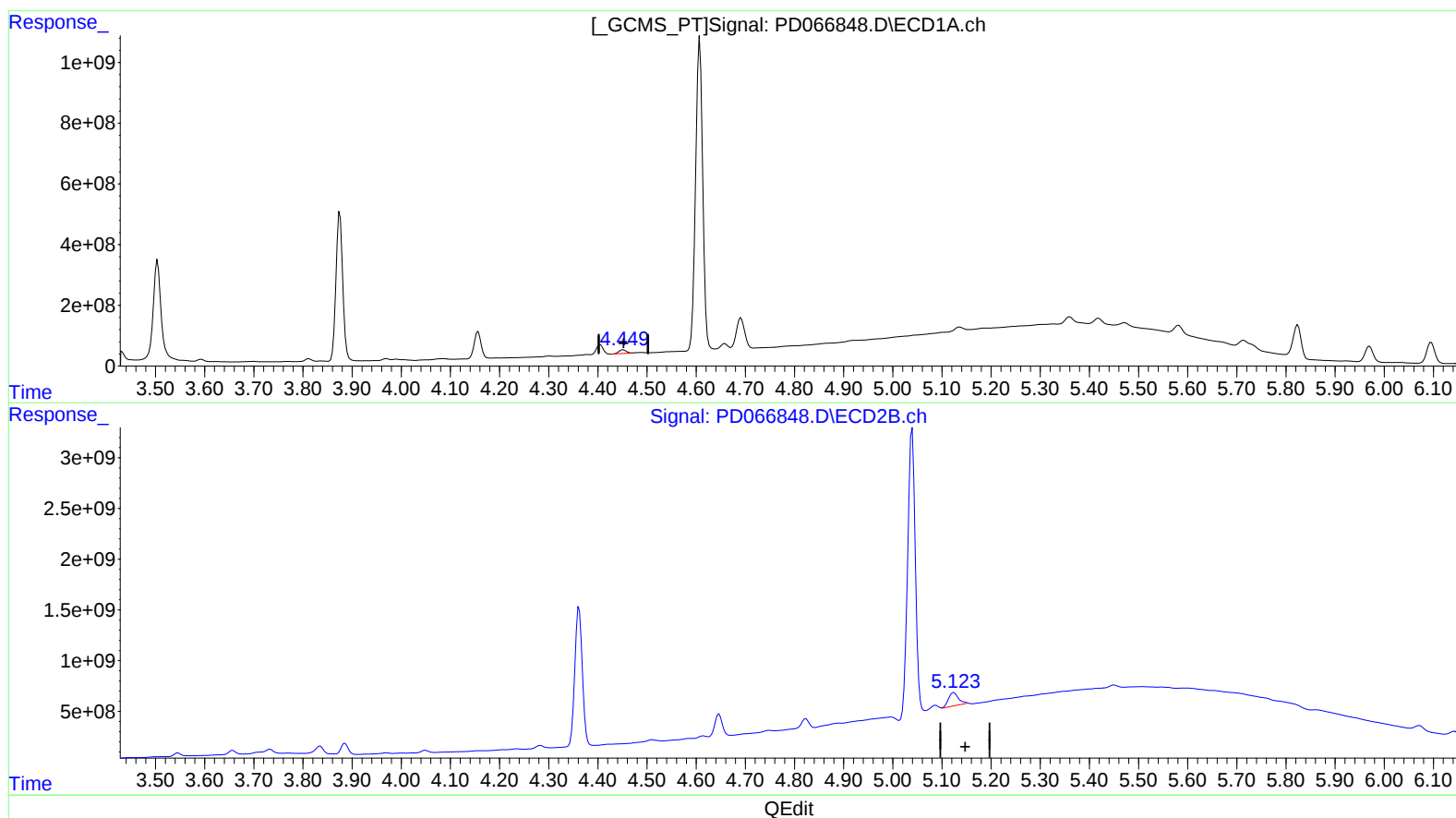
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(4) Heptachlor (MA)

4.451min 44.113 ng/ml

response 125494608

(4) Heptachlor #2 (MA)

5.123min 191.926 ng/ml m

response 1881186019

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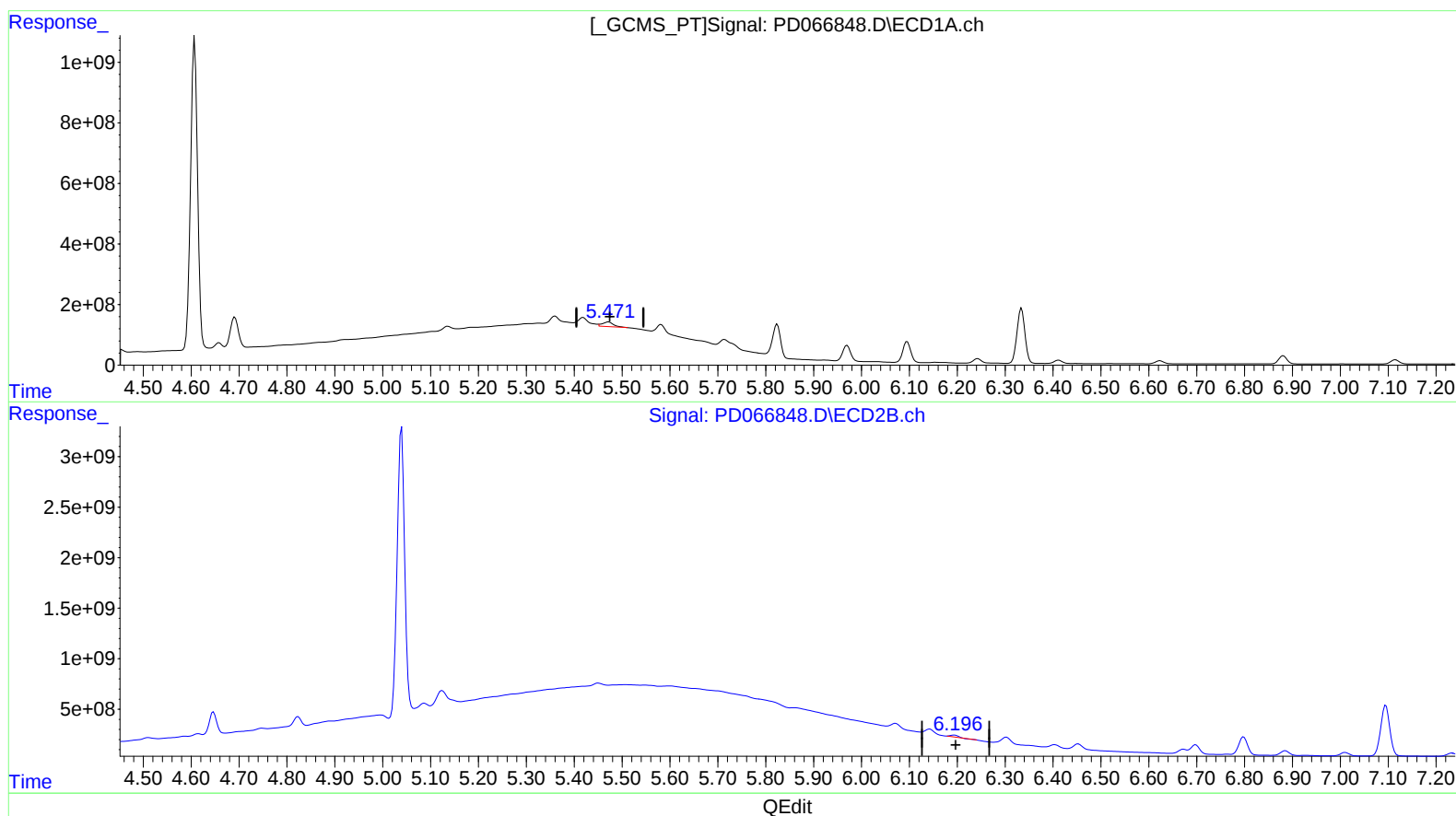
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(9) Endosulfan I (A)

5.472min 106.966 ng/ml

response 245187488

(9) Endosulfan I #2 (A)

6.194min 10.992 ng/ml

response 86010401

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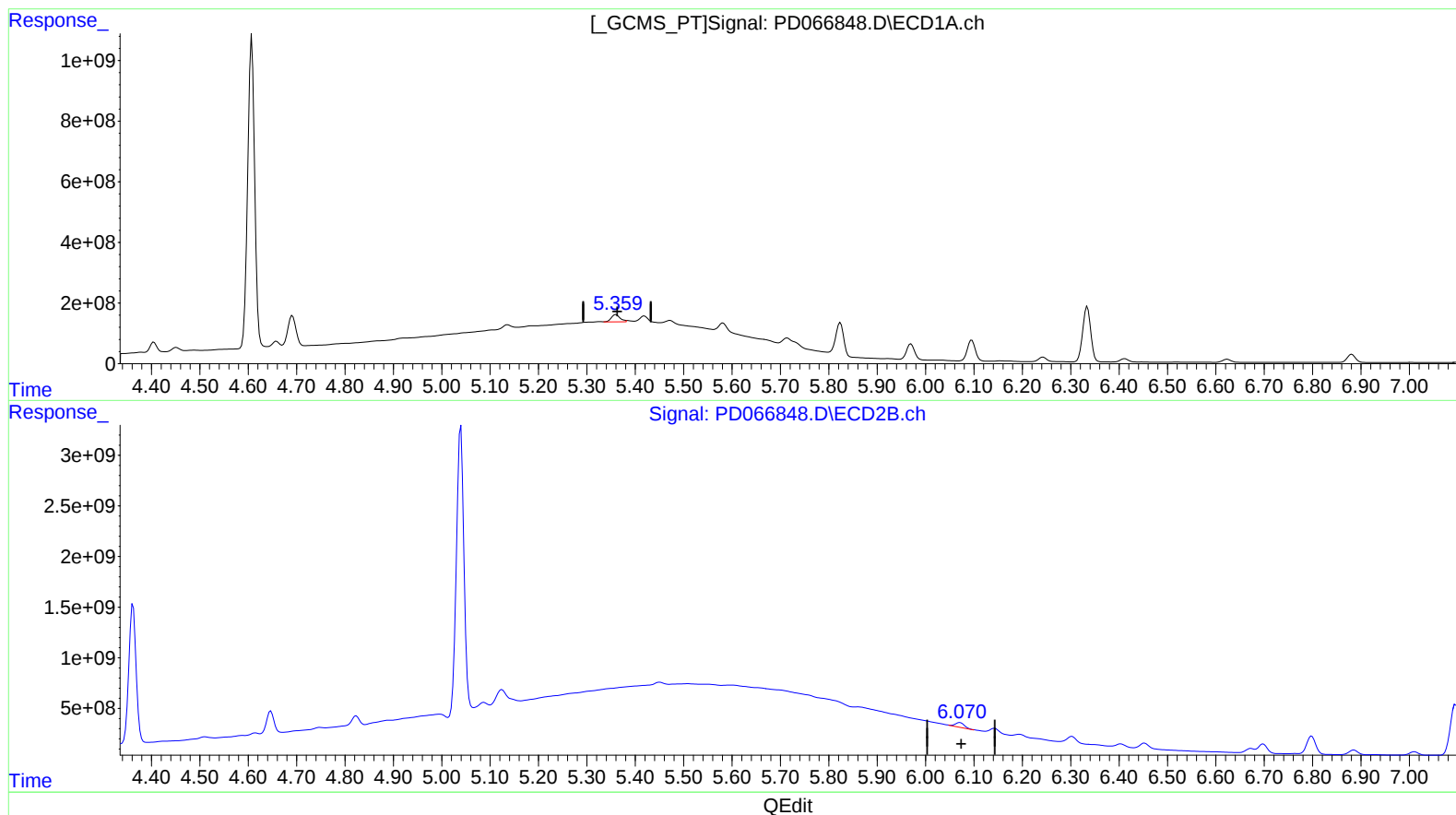
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(10) trans-Chlordane (B)
5.359min 117.645 ng/ml m
response 304077277

(10) trans-Chlordane #2 (B)
6.070min 71.237 ng/ml m
response 613448940

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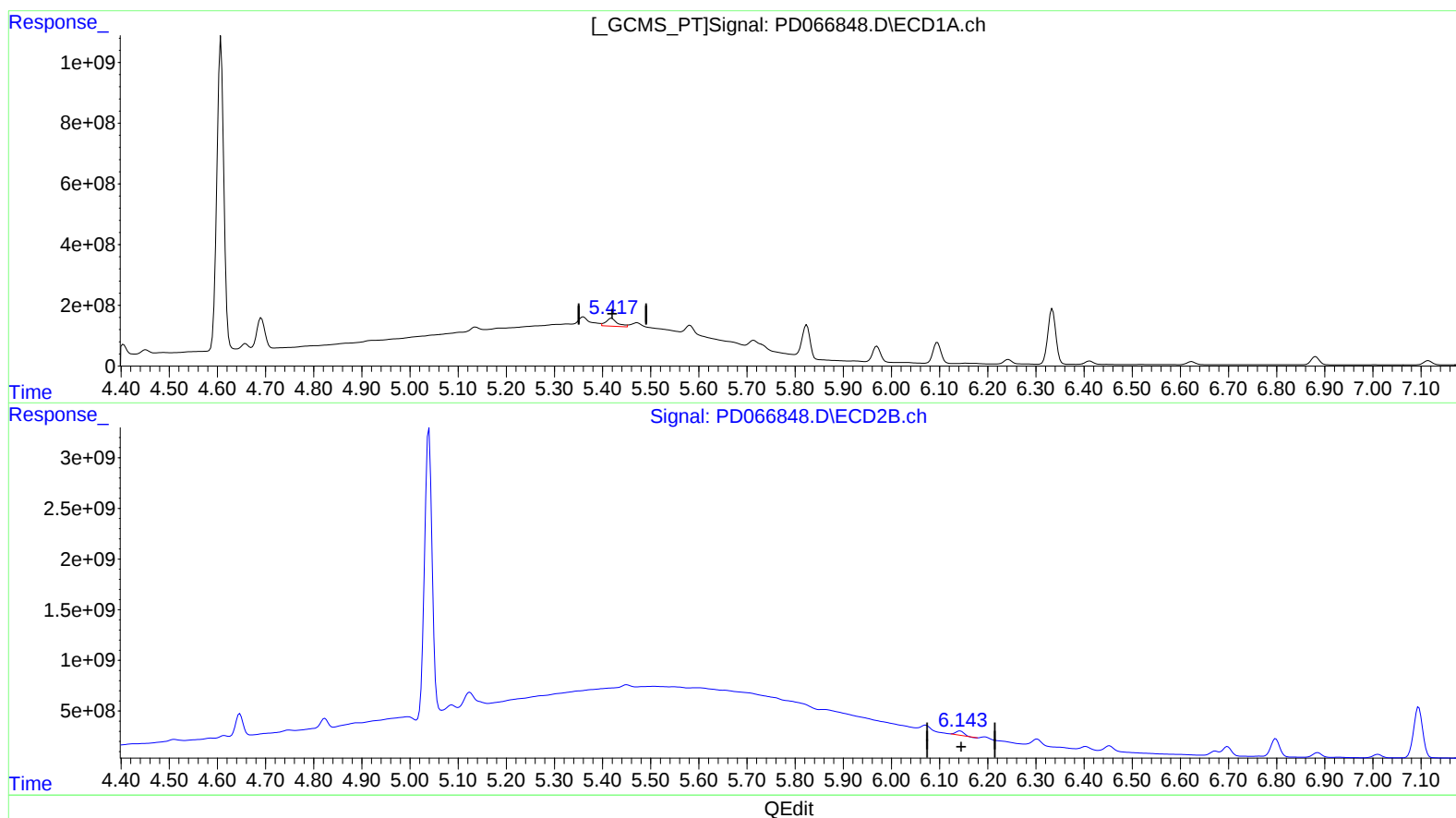
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(11) cis-Chlordane (B)
5.419min 168.034 ng/ml
response 428082437

(11) cis-Chlordane #2 (B)
6.143min 57.341 ng/ml
response 492058376

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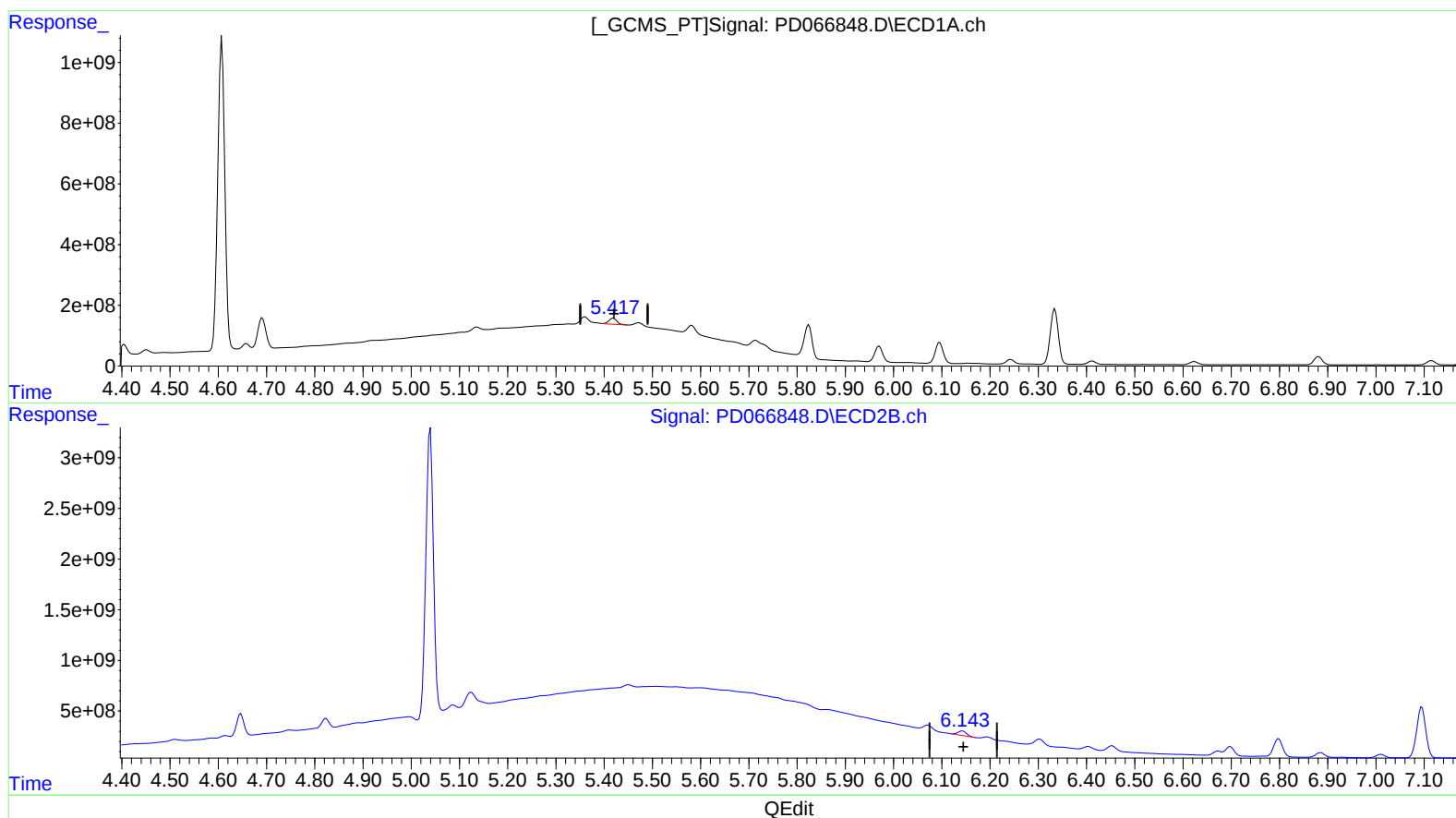
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(11) cis-Chlordane (B)
5.417min 87.277 ng/ml m
response 222346537

(11) cis-Chlordane #2 (B)
6.143min 63.321 ng/ml m
response 543367906

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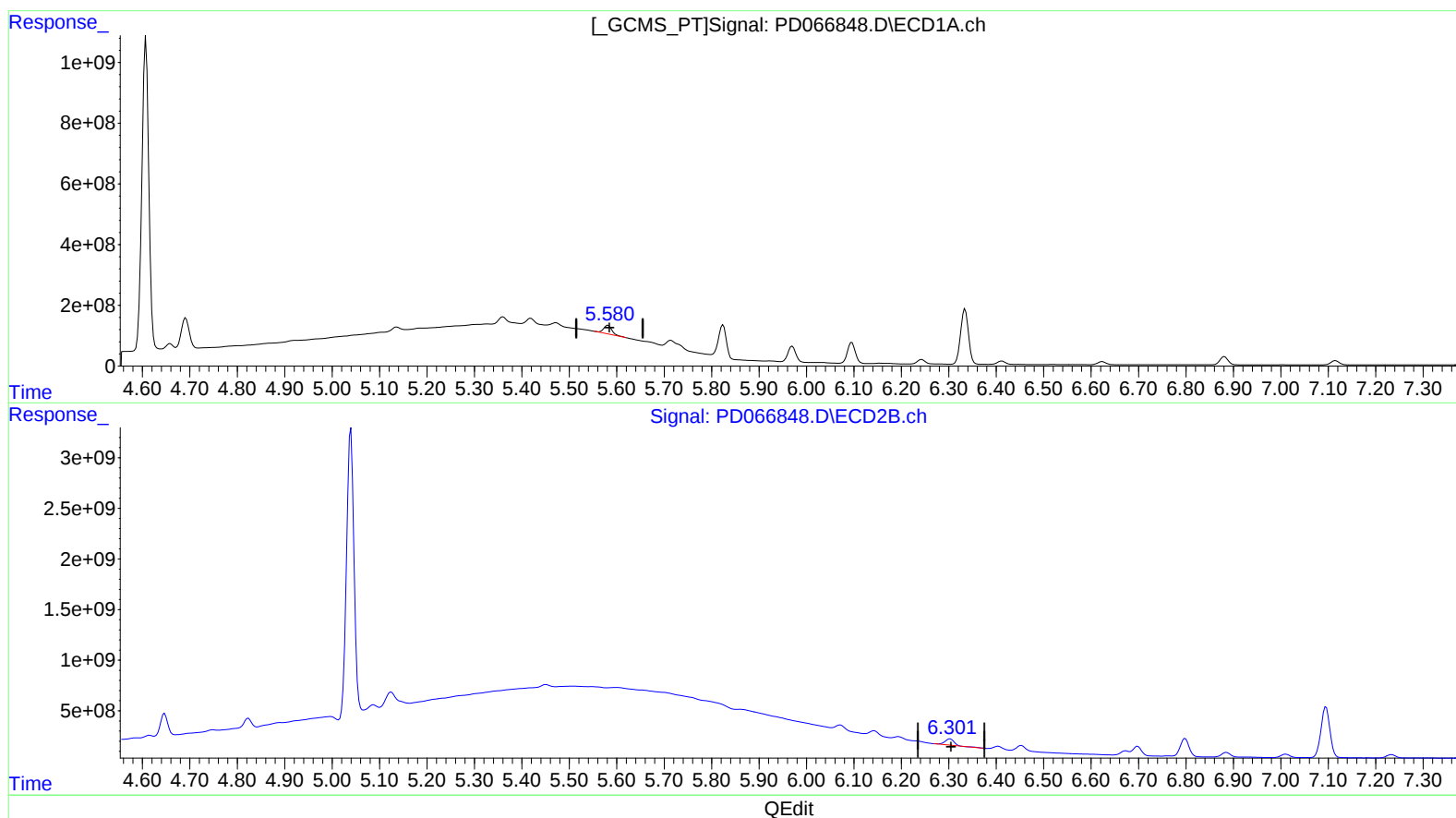
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.582min 139.011 ng/ml
response 317498923

(12) 4,4'-DDE #2 (B)
6.303min 103.708 ng/ml
response 789726813

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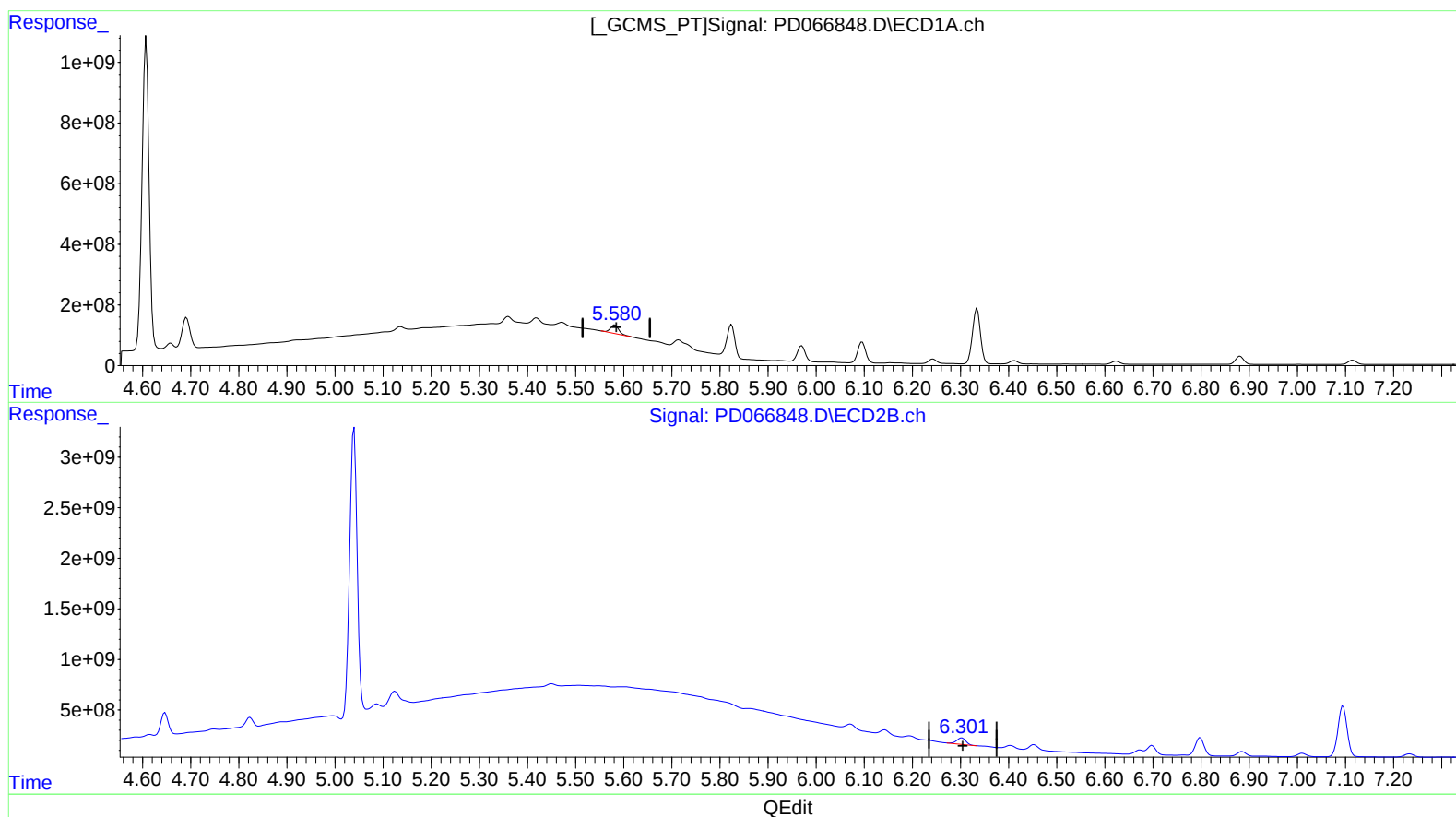
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

5.582min 139.011 ng/ml

response 317498923

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

6.301min 111.224 ng/ml m

response 846957529

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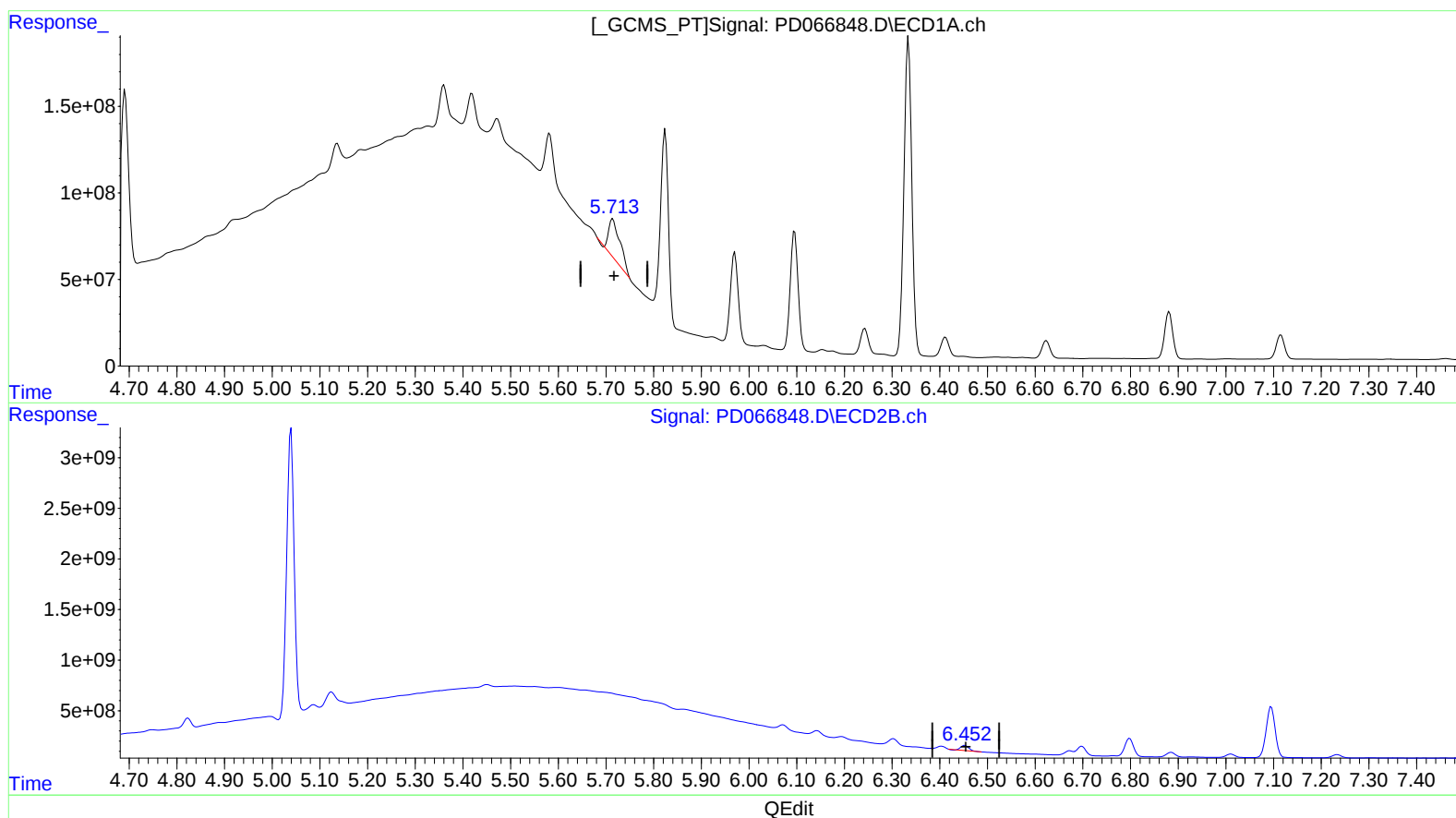
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(13) Dieldrin (MA)

5.714min 140.148 ng/ml

response 349734430

(13) Dieldrin #2 (MA)

6.453min 69.566 ng/ml

response 554976717

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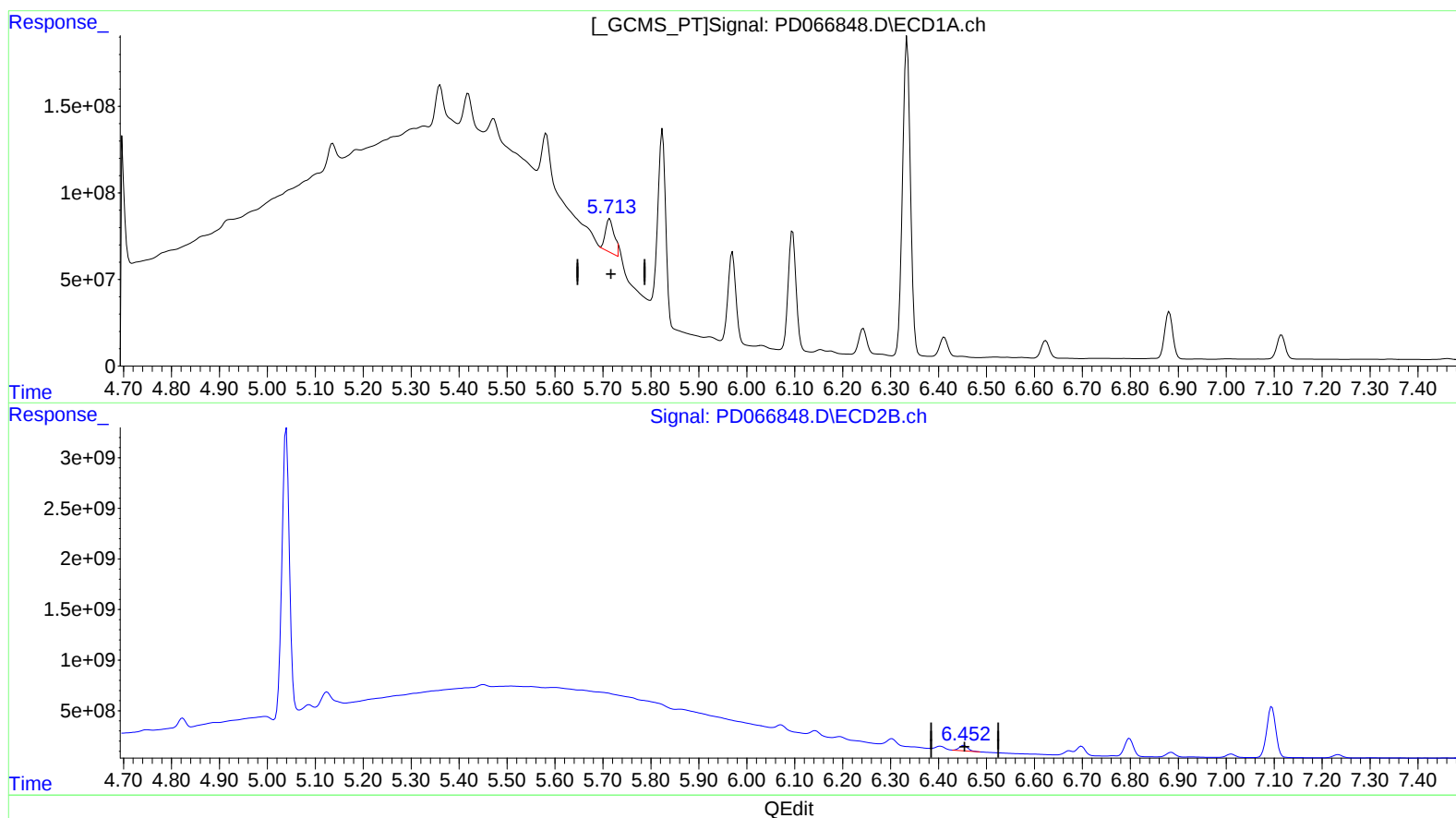
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(13) Dieldrin (MA)

5.713min 97.815 ng/ml m

response 244092139

(13) Dieldrin #2 (MA)

6.452min 85.224 ng/ml m

response 679897627

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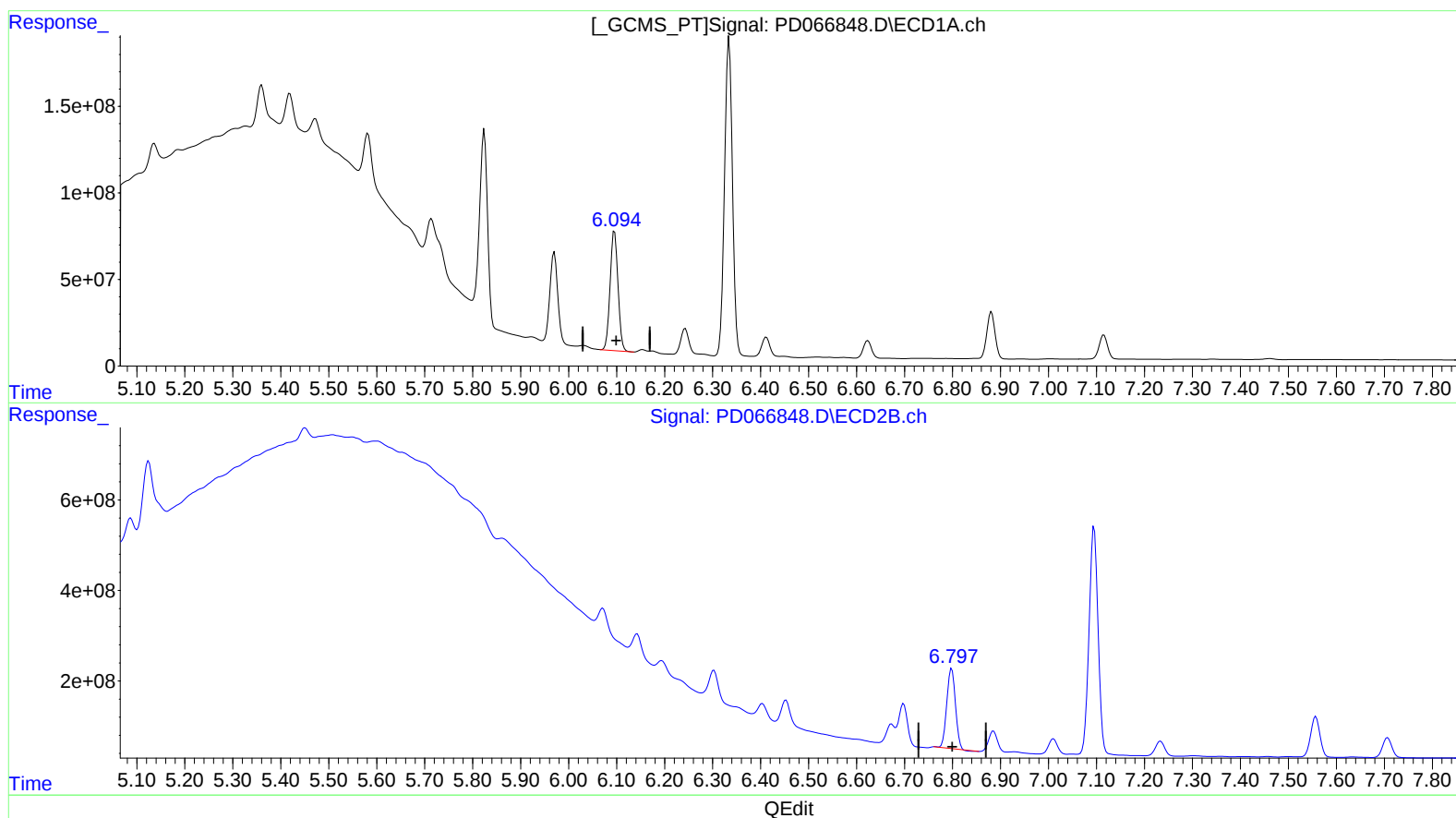
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(16) 4,4'-DDD (A)
 6.096min 437.940 ng/ml
 response 792711330

(16) 4,4'-DDD #2 (A)
 6.798min 339.976 ng/ml
 response 2194860155

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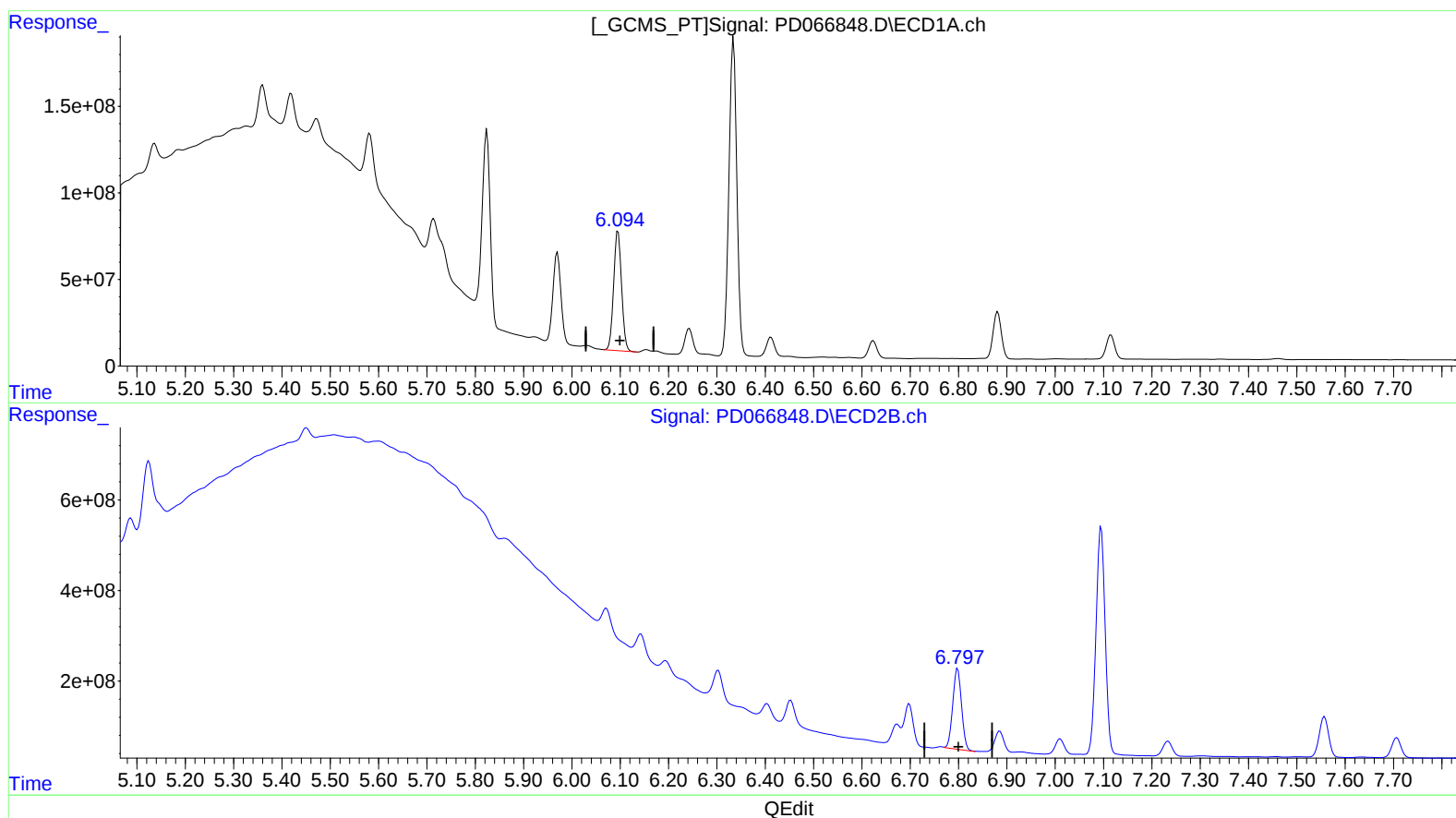
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(16) 4,4'-DDD (A)
 6.096min 437.940 ng/ml
 response 792711330

(16) 4,4'-DDD #2 (A)
 6.797min 349.784 ng/ml m
 response 2258180645

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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	3.970	309.7E6	92270021	160.217	10.654 #
27) SA Decachlor...	8.163	9.023	20678741	118.0E6	17.649	22.623 #
Target Compounds						
2) A alpha-BHC	3.875	4.363	4721.7E6	10908.6E6	1613.126	997.661 #
3) MA gamma-BHC...	4.157	4.647	866.3E6	2192.3E6	312.899	216.940 #
4) MA Heptachlor	4.451	5.123	125.5E6	1881.2E6	44.113	191.926m# >
5) MB Aldrin	4.691	5.451	1166.0E6	291.7E6	404.946	30.961 #
6) B beta-BHC	4.405	4.823	301.2E6	1098.9E6	239.801	223.028
7) B delta-BHC	4.607	5.040	10370.3E6	16898.1E6	3912.457	1708.070 #
9) A Endosulfan I	5.472	6.196	245.2E6	267.9E6	106.966	34.242m#
10) B trans-Chl...	5.359	6.070	304.1E6	613.4E6	117.645m	71.237m#
11) B cis-Chlor...	5.417	6.143	222.3E6	543.4E6	87.277m	63.321m#
12) B 4,4'-DDE	5.582	6.301	317.5E6	847.0E6	139.011	111.224m
13) MA Dieldrin	5.713	6.452	244.1E6	679.9E6	97.815m	85.224m
14) MA Endrin	5.970	6.673	585.6E6	506.3E6	276.784	74.609 #
15) B Endosulfa...	6.243	6.885	188.6E6	578.6E6	90.841	80.685
16) A 4,4'-DDD	6.096	6.797	792.7E6	2258.2E6	437.940	349.784m
17) MA 4,4'-DDT	6.334	7.095	2113.1E6	6602.0E6	1117.612	999.373
18) B Endrin al...	6.412	7.011	128.5E6	430.5E6	88.204	80.918
19) B Endosulfa...	6.624	7.234	118.0E6	436.7E6	64.705	63.374
20) A Methoxychlor	6.881	7.557	323.1E6	1202.2E6	344.724	371.990
21) B Endrin ke...	7.115	7.707	169.4E6	594.6E6	82.228	75.855

AJ
 11/11/21

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