

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
Data File : PD064692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 22:31
Operator : AR\AJ
Sample : M3164-03MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

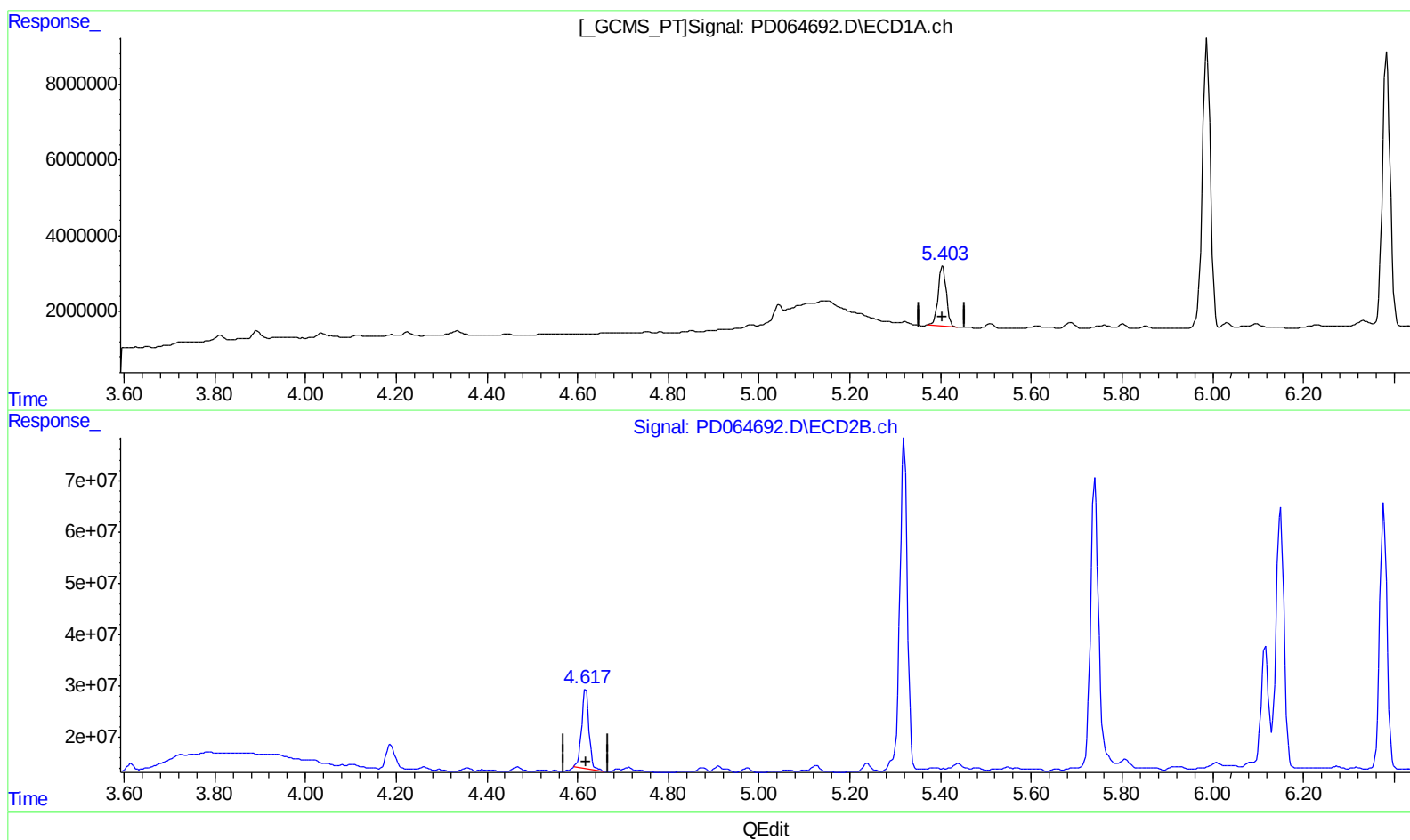
Instrument :
ECD_D
ClientSampleId :
JCEN0MSD

Manual Integrations
APPROVED

mohammad
8/3/2021 3:13:10 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 03:06:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 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)

5.405min 16.517 ng/ml

response 19703005

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

4.618min 18.708 ng/ml

response 170947290

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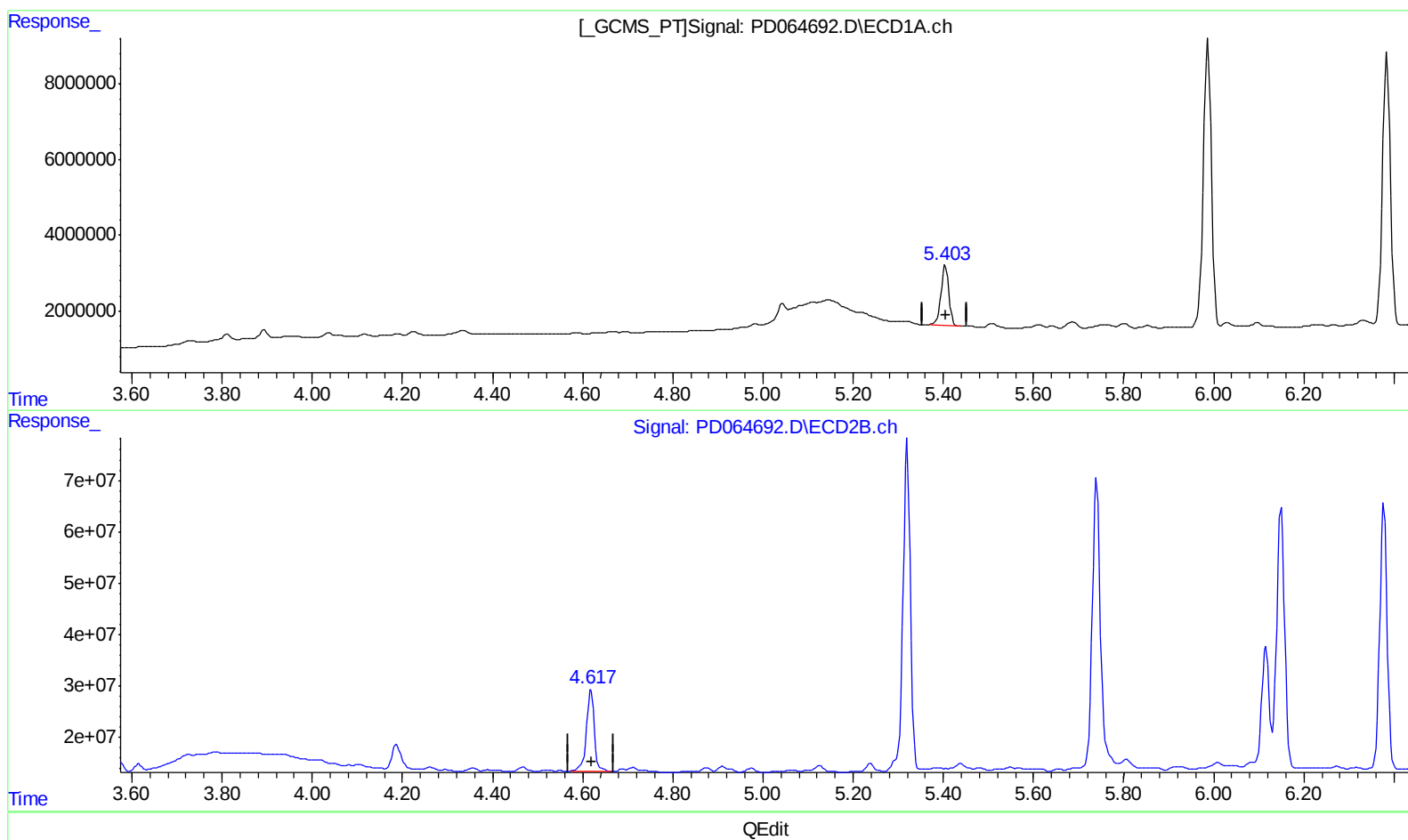
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(1) Tetrachloro-m-xylene (SA)

5.405min 16.517 ng/ml

response 19703005

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

4.617min 21.227 ng/ml m

response 193967962

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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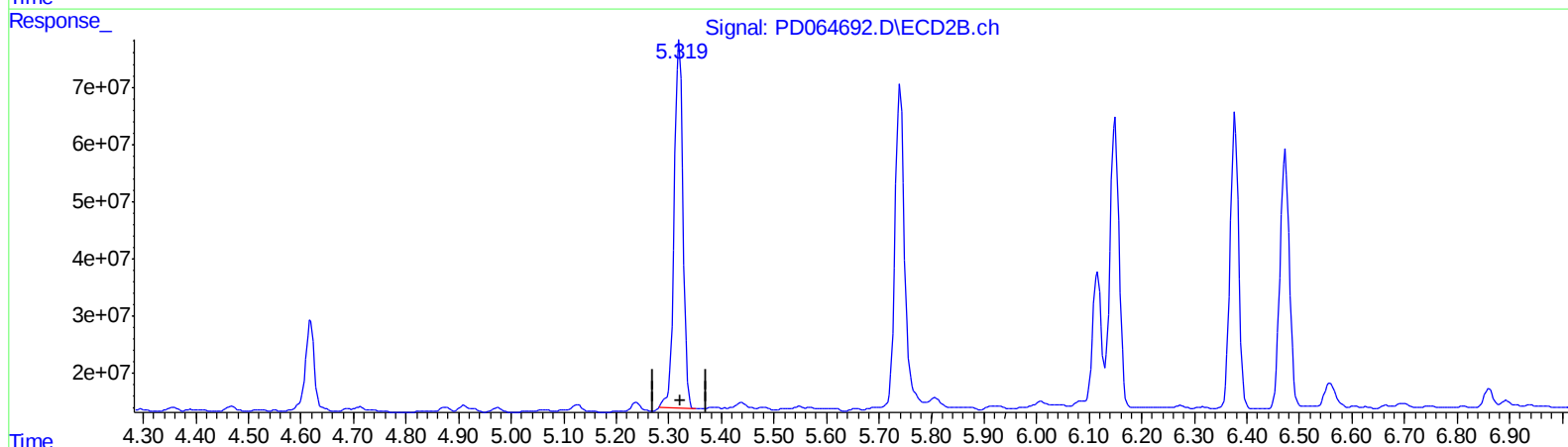
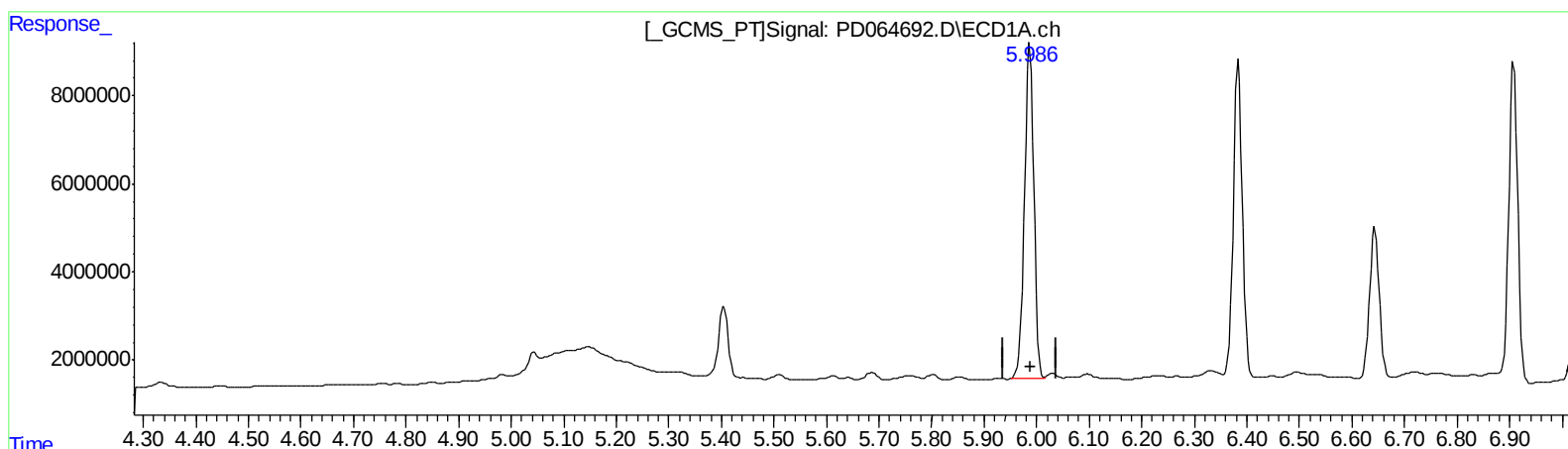
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(2) alpha-BHC (A)

5.987min 57.415 ng/ml

response 93534023

(2) alpha-BHC #2 (A)

5.320min 59.452 ng/ml

response 732771803

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Sample : M3164-03MSD
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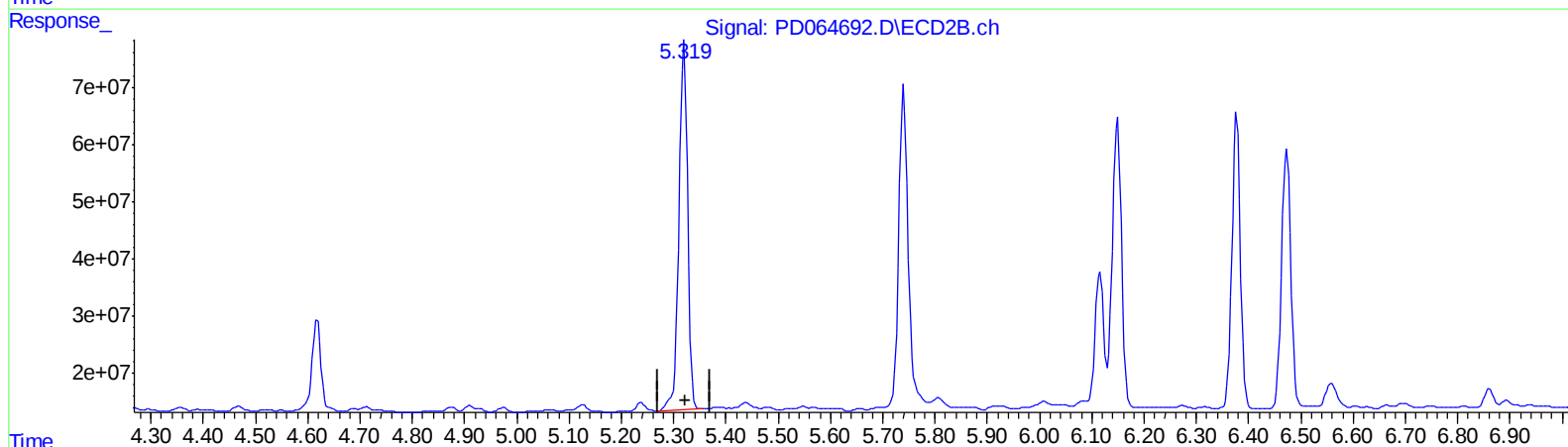
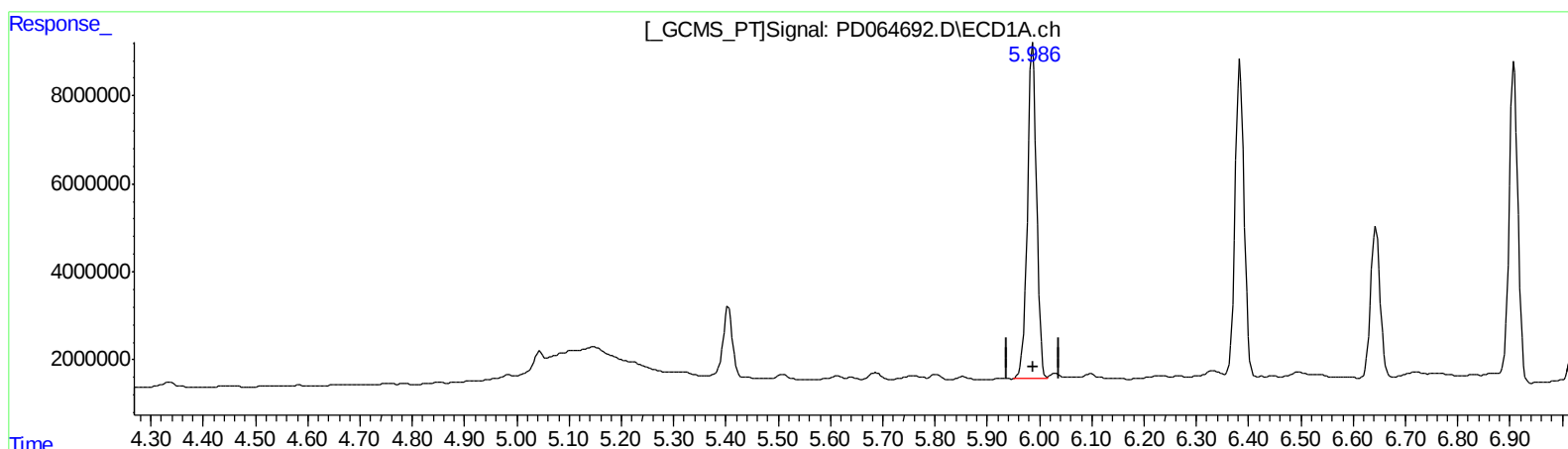
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ECD_D
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APPROVED

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



QEdit

(2) alpha-BHC (A)

5.987min 57.415 ng/ml

response 93534023

(2) alpha-BHC #2 (A)

5.319min 60.599 ng/ml m

response 746918478

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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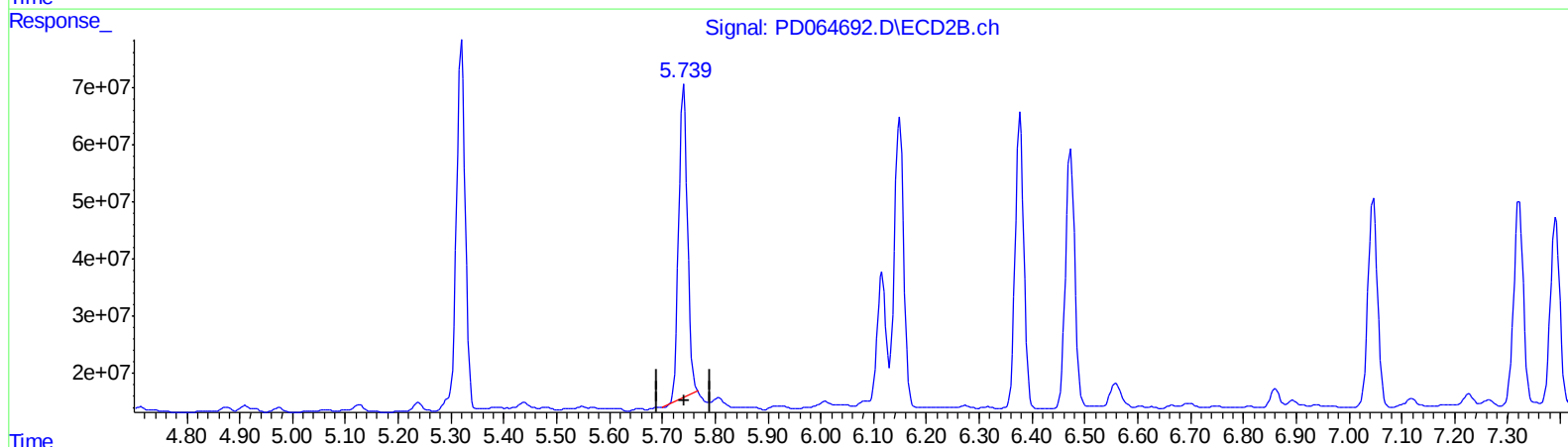
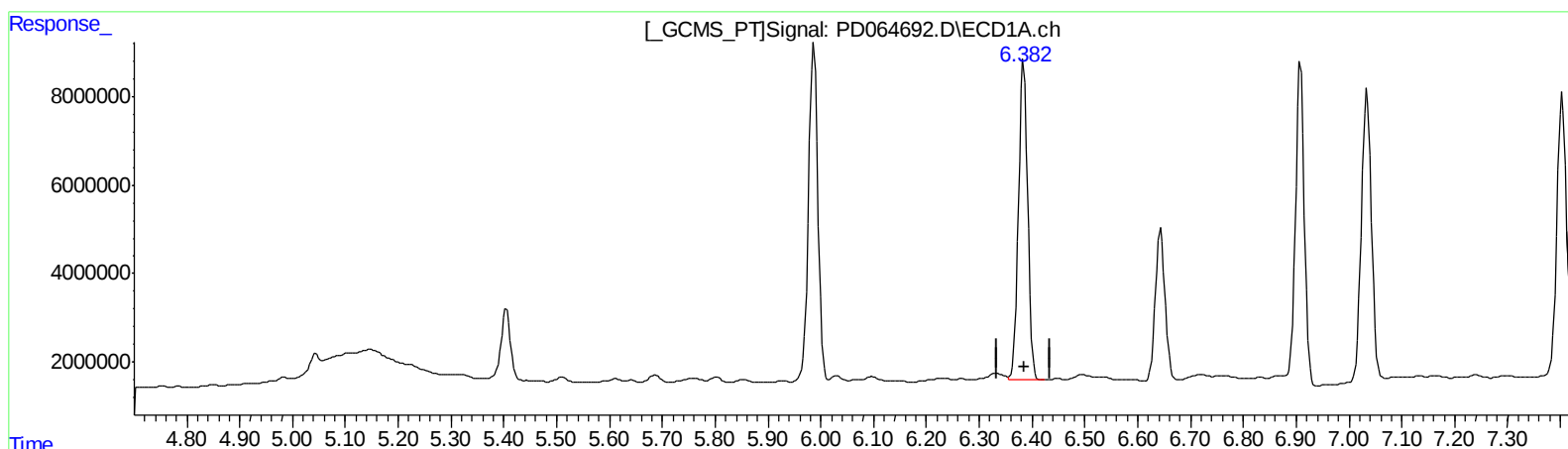
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(3) gamma-BHC (Lindane) (MA)

6.384min 55.302 ng/ml

response 86733753

(3) gamma-BHC (Lindane) #2 (MA)

5.740min 55.699 ng/ml

response 635163545

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Sample : M3164-03MSD
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ALS Vial : 43 Sample Multiplier: 1

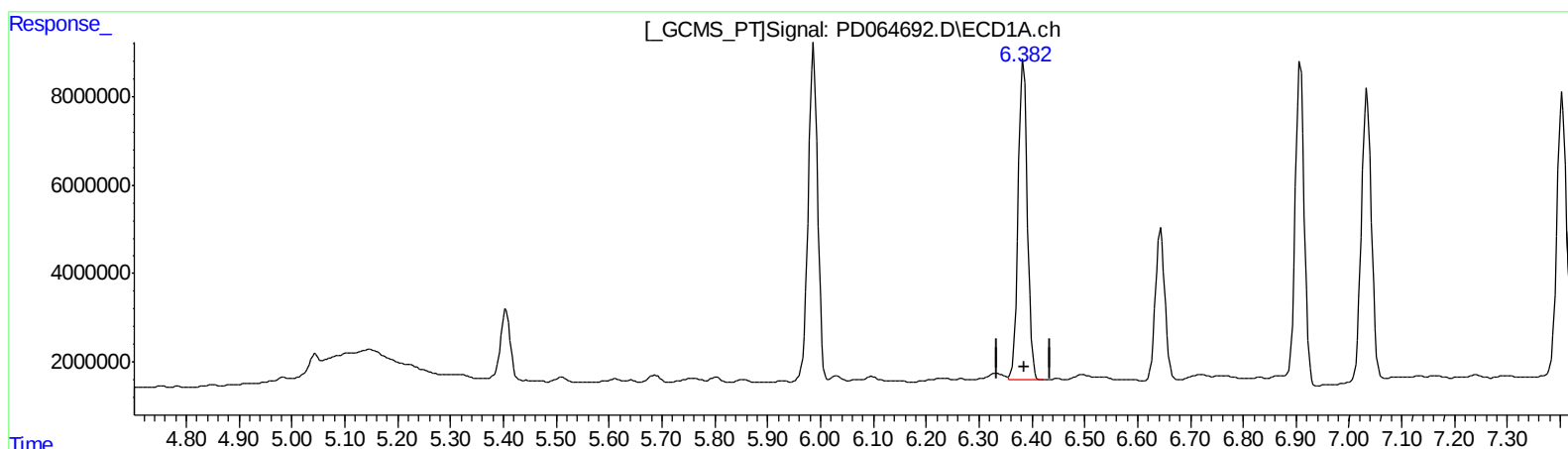
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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QEdit

(3) gamma-BHC (Lindane) (MA)

6.384min 55.302 ng/ml

response 86733753

(3) gamma-BHC (Lindane) #2 (MA)

5.739min 60.540 ng/ml m

response 690368060

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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ALS Vial : 43 Sample Multiplier: 1

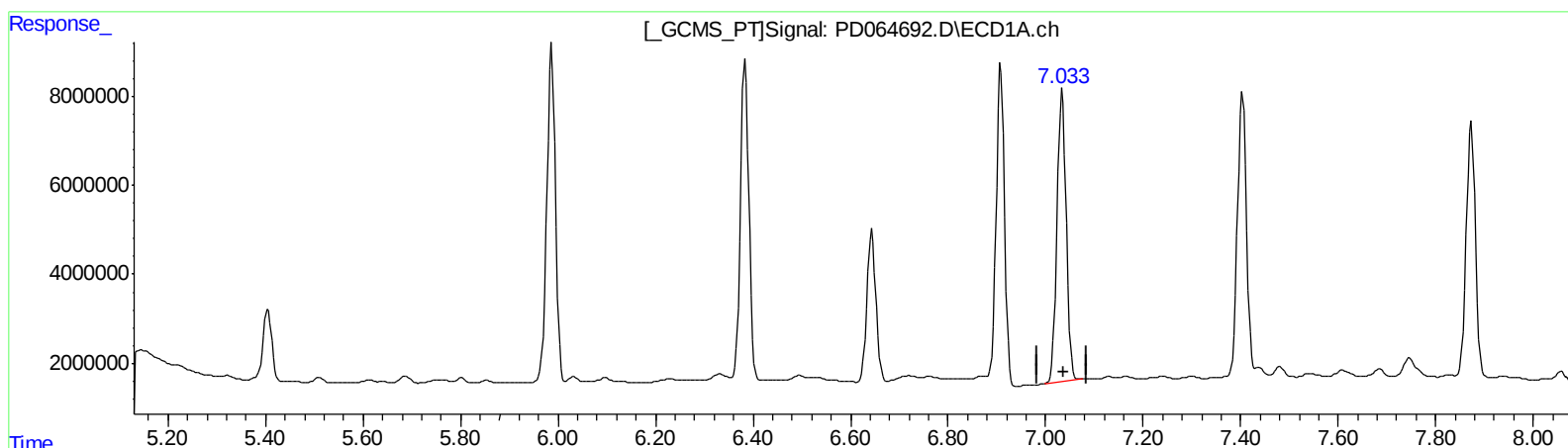
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Manual Integrations
APPROVED

mohammad
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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



(4) Heptachlor (MA)
7.034min 51.188 ng/ml
response 86025960

(4) Heptachlor #2 (MA)
6.149min 50.504 ng/ml
response 572610915

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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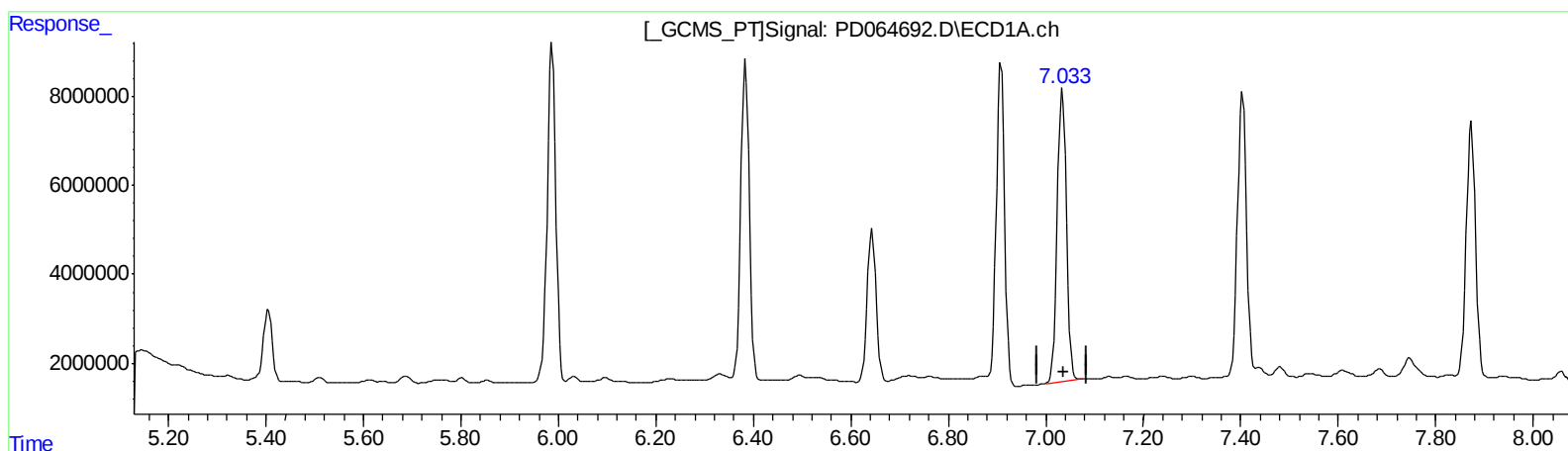
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Manual Integrations
APPROVED

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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



(4) Heptachlor (MA)

7.034min 51.188 ng/ml

response 86025960

(4) Heptachlor #2 (MA)

6.148min 53.986 ng/ml m

response 612092341

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3164-03MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

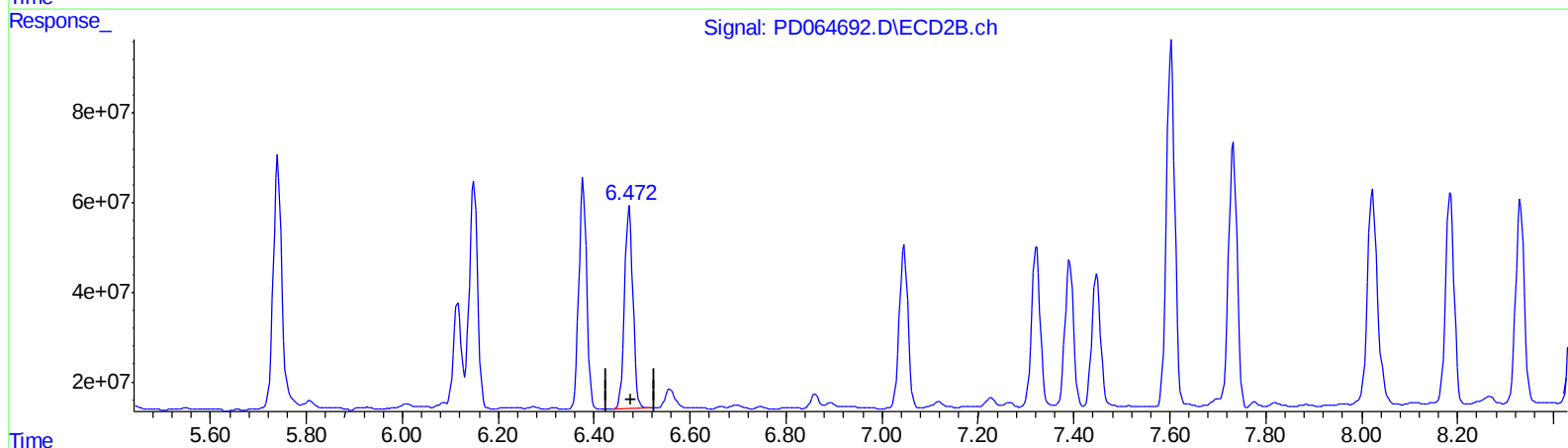
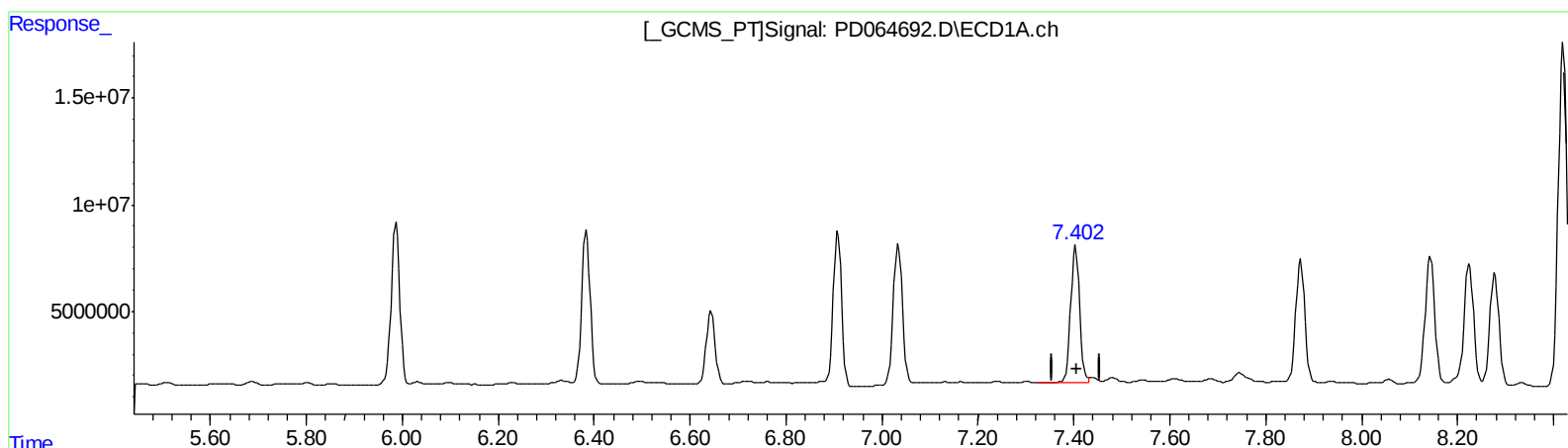
Instrument :
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Manual Integrations
APPROVED

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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



QEdit

(5) Aldrin (MB)

7.404min 53.634 ng/ml

response 84482876

(5) Aldrin #2 (MB)

6.473min 52.914 ng/ml

response 556610945

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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Sample : M3164-03MSD
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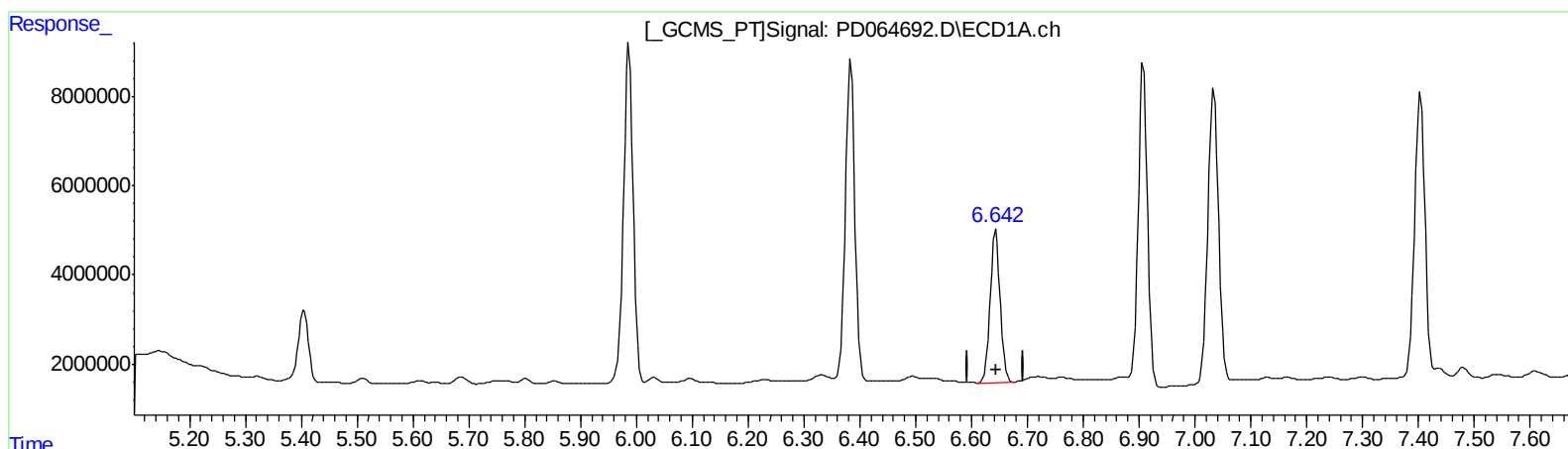
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ECD_D
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Manual Integrations
APPROVED

mohammad
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(6) beta-BHC (B)

6.644min 55.426 ng/ml

response 43241318

(6) beta-BHC #2 (B)

6.116min 33.823 ng/ml

response 205197576

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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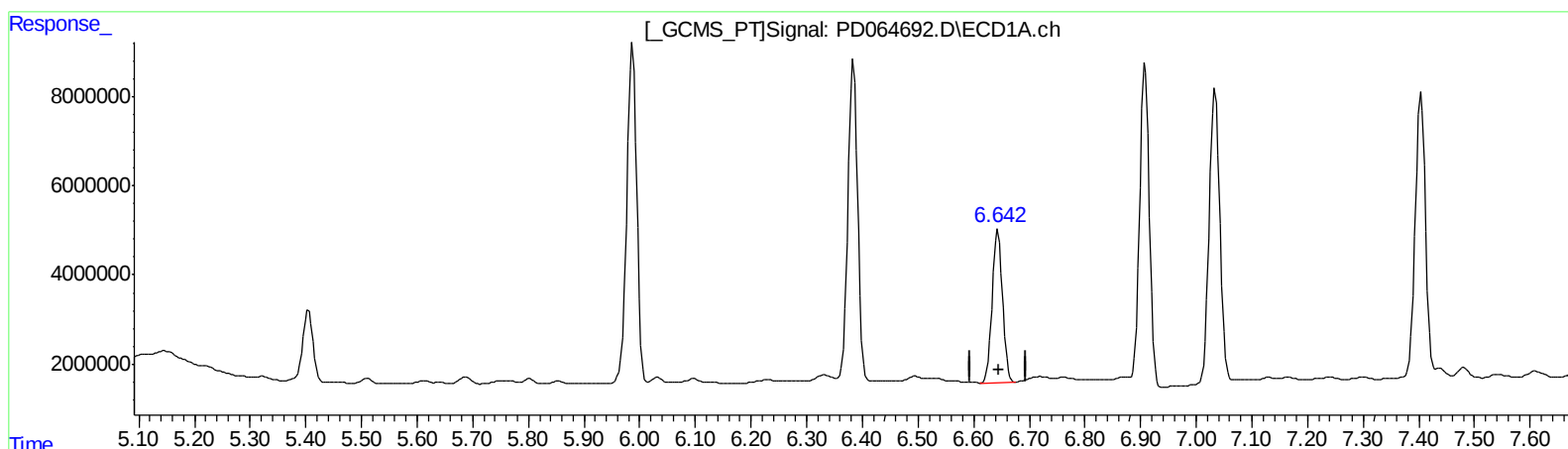
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APPROVED

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(6) beta-BHC (B)

6.644min 55.426 ng/ml

response 43241318

(6) beta-BHC #2 (B)

6.115min 45.099 ng/ml m

response 273607149

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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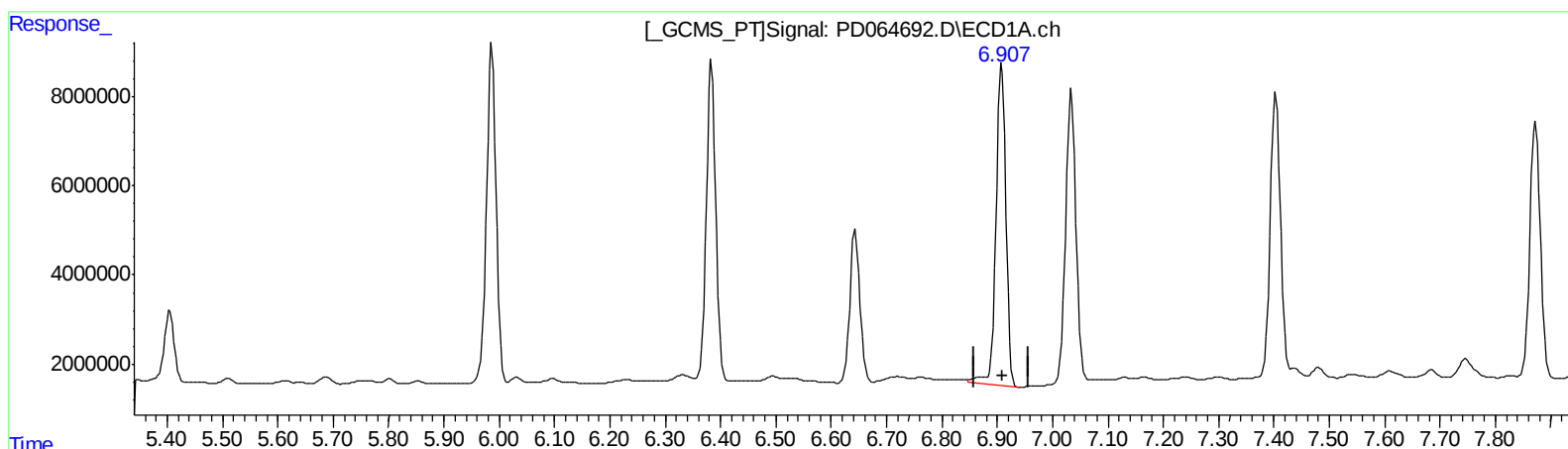
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(7) delta-BHC (B)
6.908min 50.732 ng/ml
response 88281917

(7) delta-BHC #2 (B)
6.377min 53.443 ng/ml
response 580581190

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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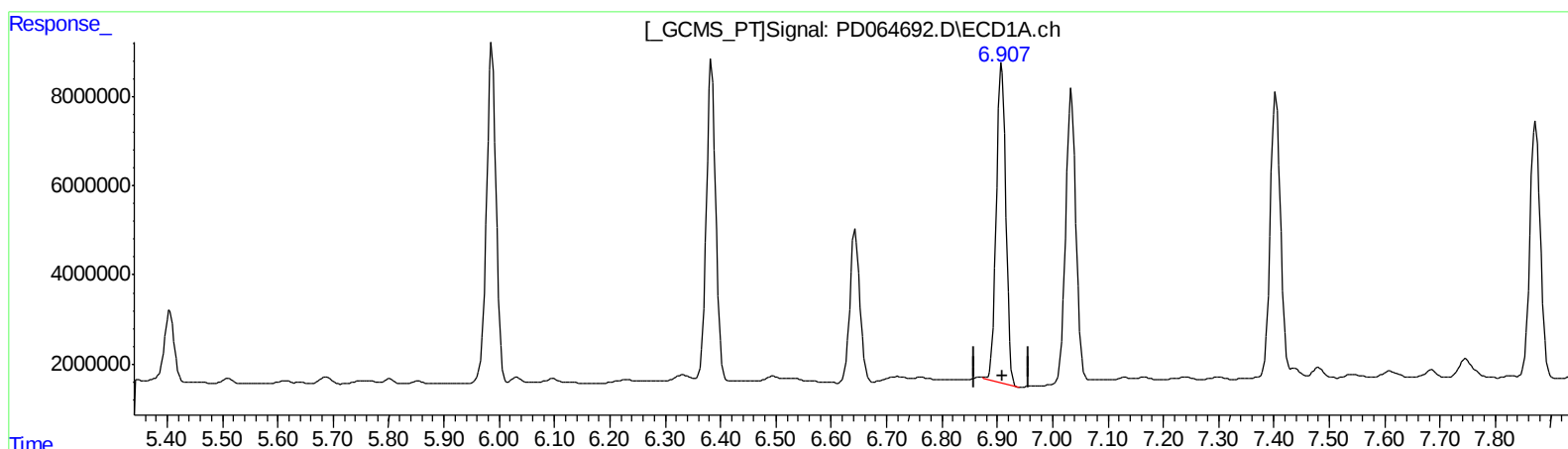
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Manual Integrations
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(7) delta-BHC (B)

6.907min 48.235 ng/ml m

response 83936222

(7) delta-BHC #2 (B)

6.377min 53.443 ng/ml

response 580581190

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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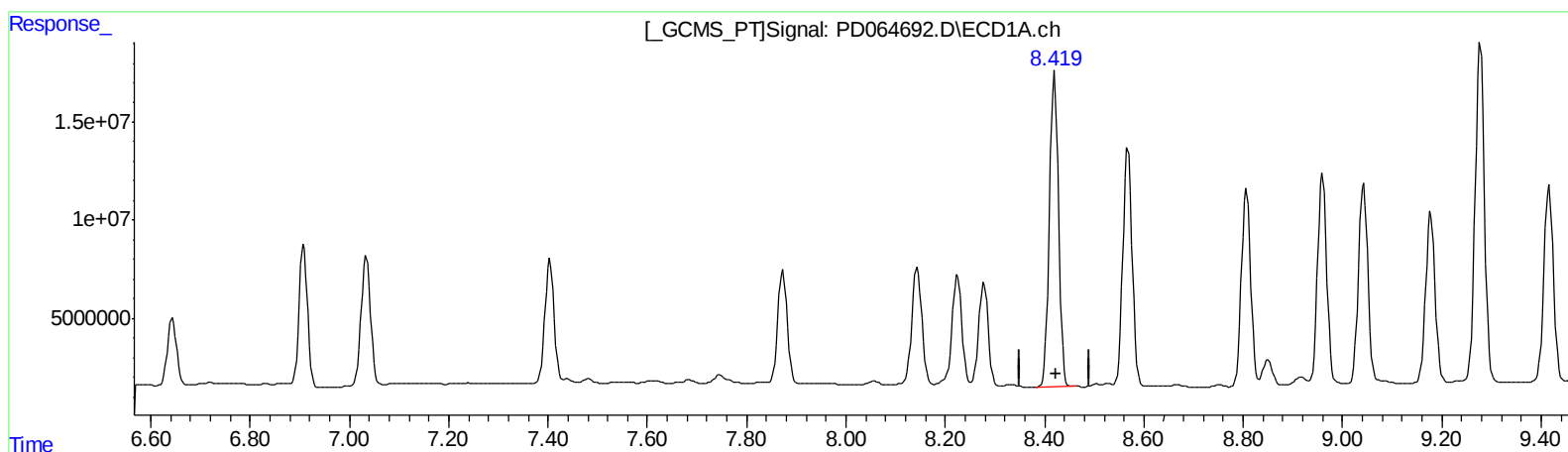
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(12) 4,4'-DDE (B)

8.420min 139.409 ng/ml

response 200931836

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

7.602min 133.549 ng/ml m

response 1007657880

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080221\
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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...	5.405	4.617	19703005	194.0E6	16.517	21.227m#
27) SA Decachlor...	11.302	10.361	30932376	170.1E6	23.498	28.607
Target Compounds						
2) A alpha-BHC	5.987	5.319	93534023	746.9E6	57.415	60.599m
3) MA gamma-BHC...	6.384	5.739	86733753	690.4E6	55.302	60.540m
4) MA Heptachlor	7.034	6.148	86025960	612.1E6	51.188	53.986m
5) MB Aldrin	7.402	6.473	82430373	556.6E6	52.331m	52.914
6) B beta-BHC	6.644	6.115	43241318	273.6E6	55.426	45.099m
7) B delta-BHC	6.907	6.377	83936222	580.6E6	48.235m	53.443
8) B Heptachlo...	7.873	7.046	76511009	458.2E6	44.565	49.498
9) A Endosulfan I	8.278	7.448	66597296	374.1E6	47.244	48.655
10) B trans-Chl...	8.144	7.322	83520121	456.4E6	52.120	50.314
11) B cis-Chlor...	8.225	7.391	74308311	414.7E6	47.691	46.617
12) B 4,4'-DDE	8.420	7.602	200.9E6	1007.7E6	139.409	133.549m
13) MA Dieldrin	8.568	7.733	155.8E6	730.7E6	104.453	90.973
14) MA Endrin	8.807	8.023	130.3E6	697.8E6	101.751	121.467
15) B Endosulfa...	9.043	8.331	131.5E6	568.5E6	101.273	98.480
16) A 4,4'-DDD	8.960	8.185	135.4E6	588.8E6	110.306	102.229
17) MA 4,4'-DDT	9.278	8.446	225.4E6	904.1E6	172.663	164.252
18) B Endrin al...	9.178	8.519	116.0E6	471.2E6	102.386	95.478
19) B Endosulfa...	9.416	8.749	132.9E6	521.0E6	96.401	96.664
20) A Methoxychlor	9.769	9.038	345.9E6	1214.9E6	483.419	474.467
21) B Endrin ke...	9.912	9.268	152.5E6	616.2E6	100.790	102.721

AS
 08/04/21

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