

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101421\
Data File : PD066212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2021 10:22
Operator : AR\AJ
Sample : PB139819BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

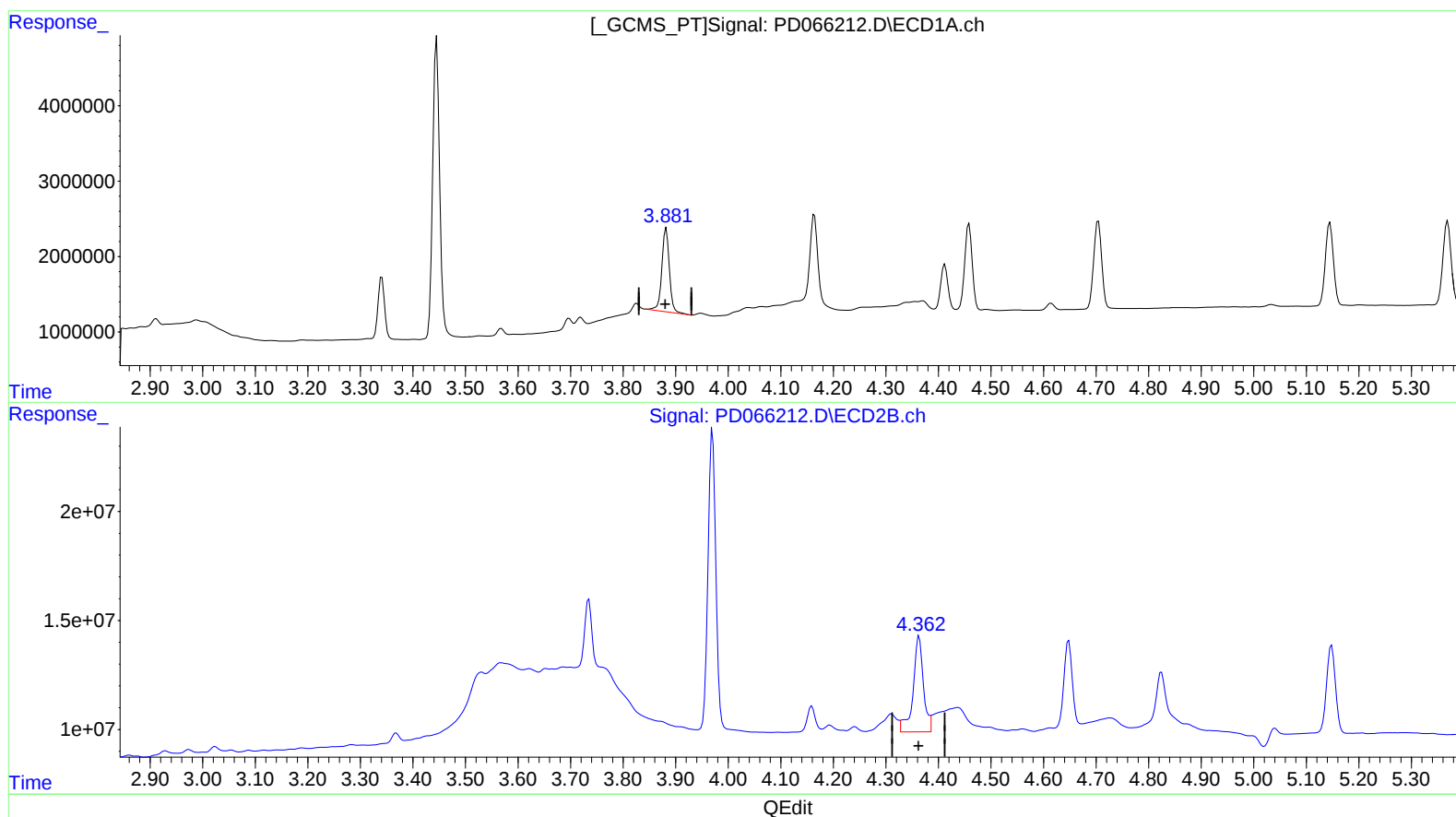
Instrument :
ECD_D
ClientSampleId :
PLCS819

Manual Integrations
APPROVED

mohammad
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:48 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101321CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 13 06:25:14 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



(2) alpha-BHC (A)
3.882min 3.694 ng/ml
response 10959987

(2) alpha-BHC #2 (A)
4.363min 5.628 ng/ml
response 59880266

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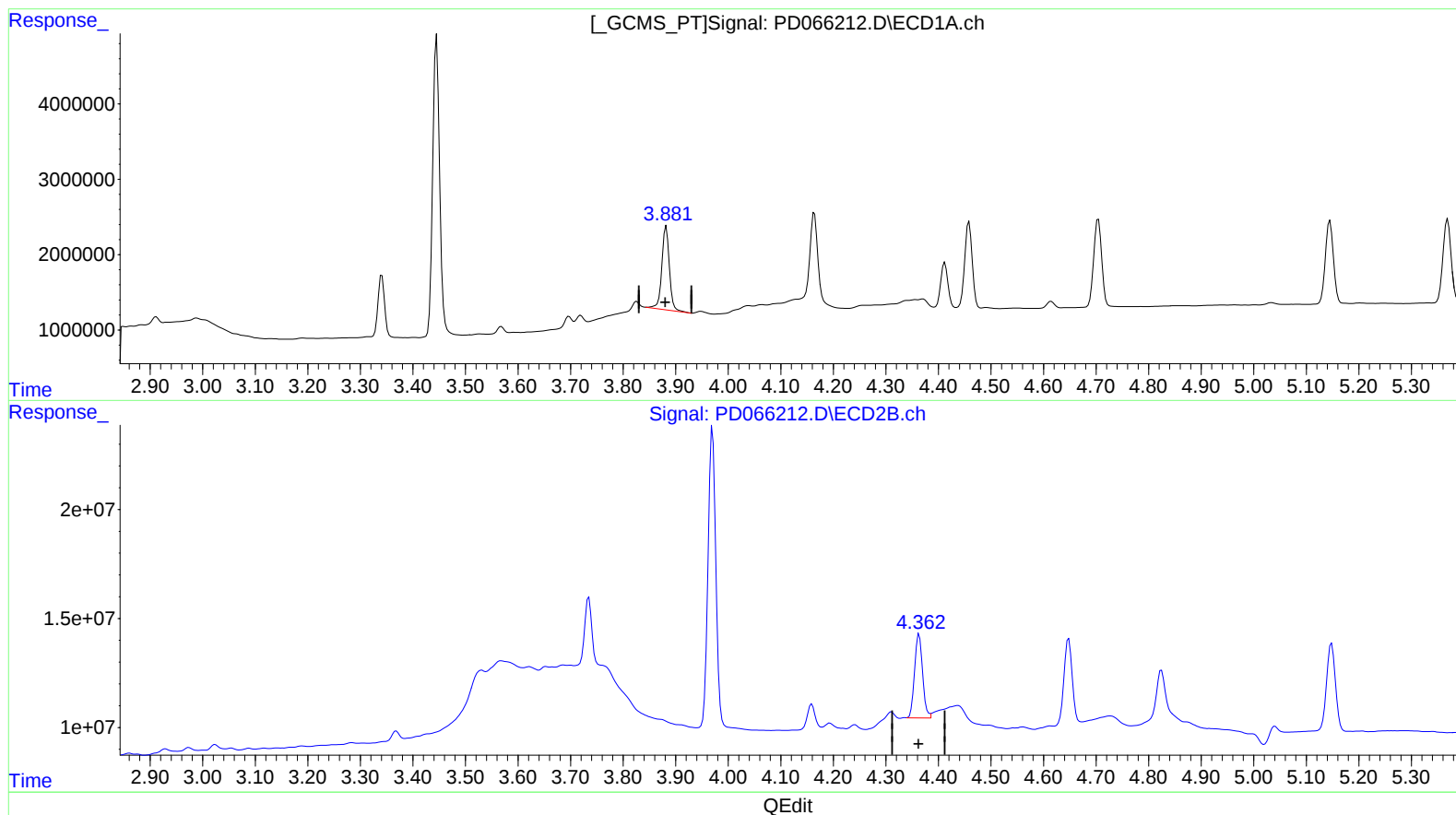
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(2) alpha-BHC #2 (A)
4.362min 3.845 ng/ml m
response 40907517

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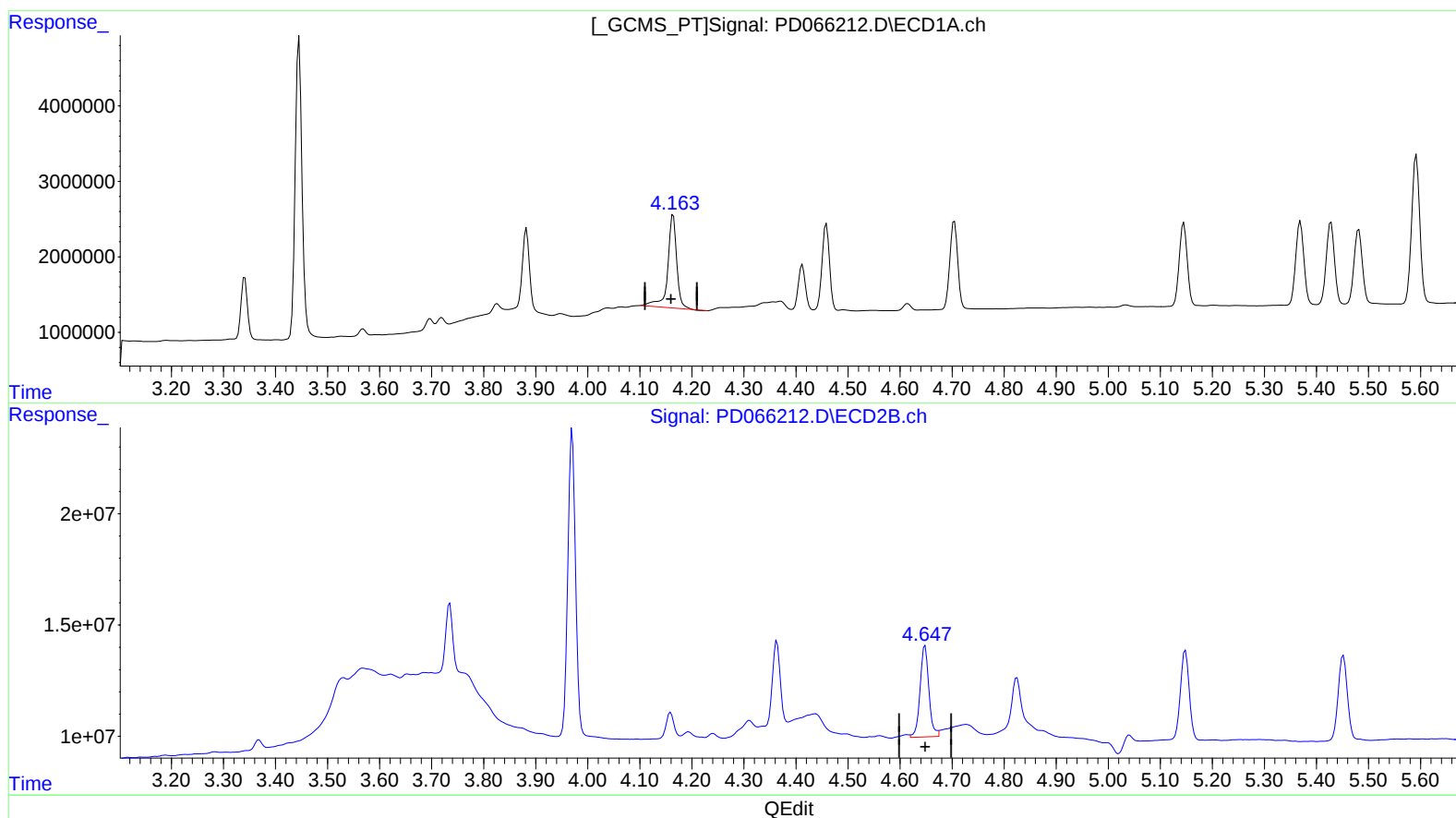
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(3) gamma-BHC (Lindane) (MA)

4.164min 4.897 ng/ml

response 14874479

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

4.648min 4.981 ng/ml

response 48413987

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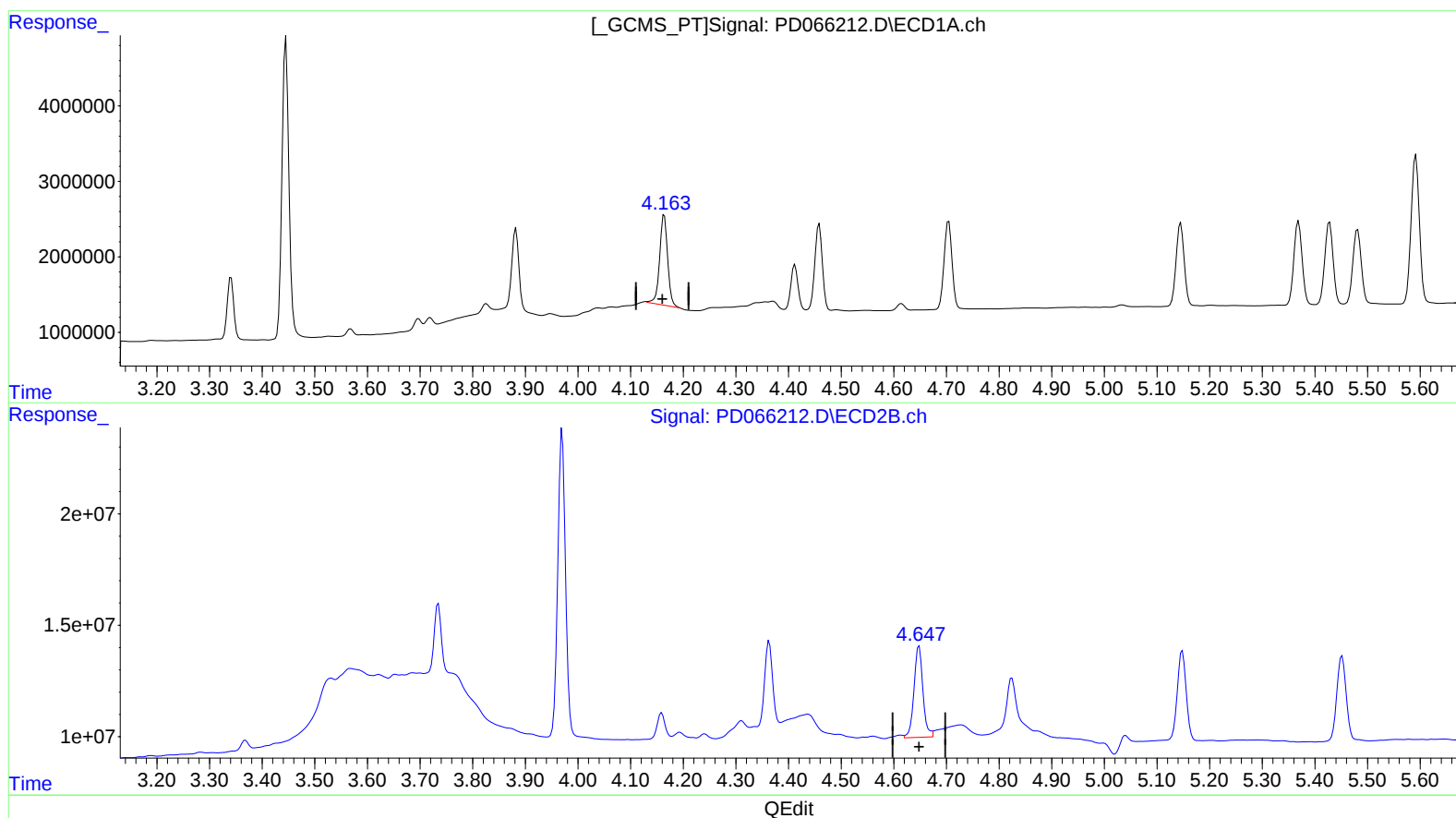
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(3) gamma-BHC (Lindane) (MA)

4.163min 4.189 ng/ml m

response 12724698

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

4.648min 4.981 ng/ml

response 48413987

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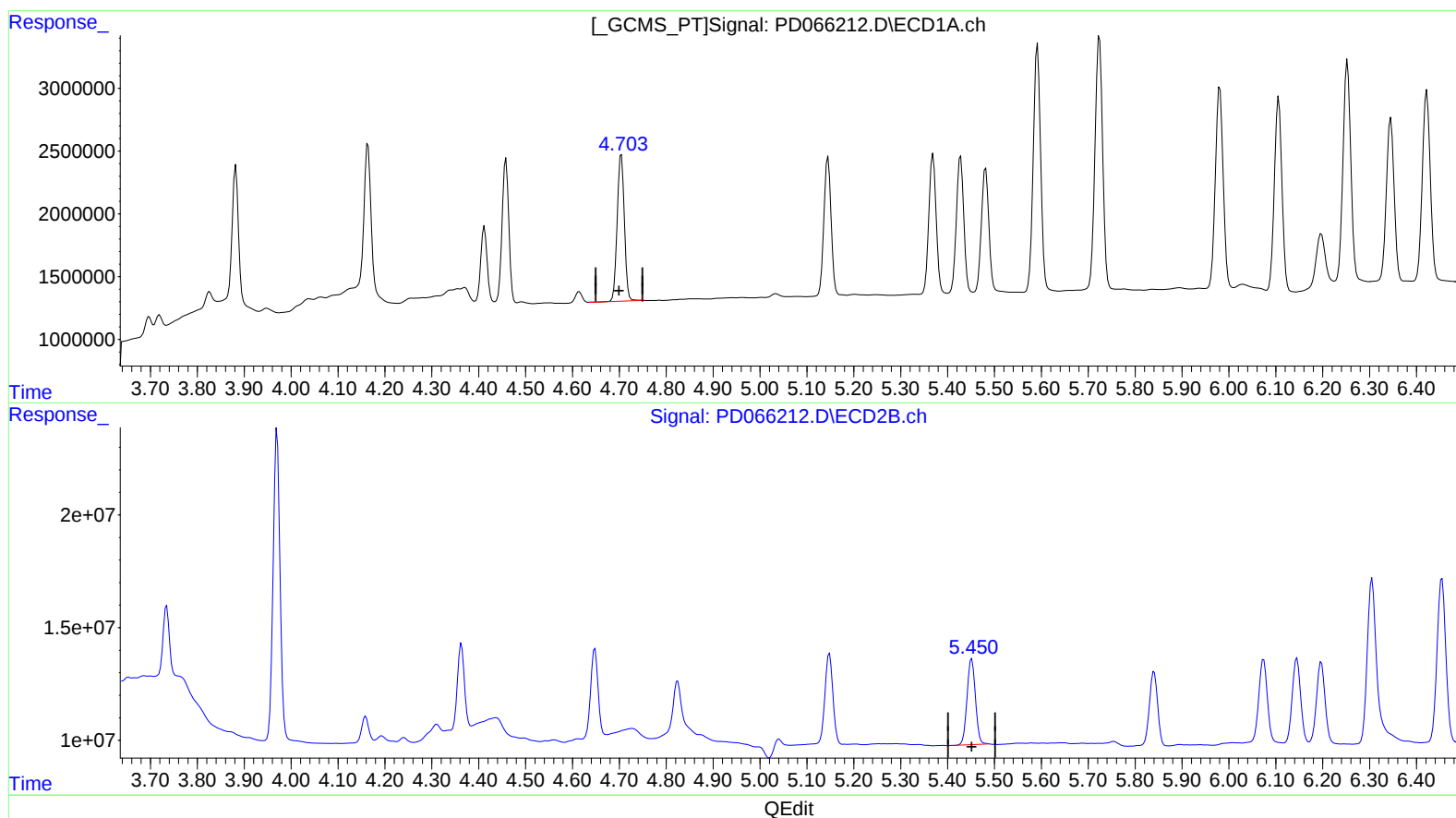
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(5) Aldrin (MB)

4.704min 4.343 ng/ml
response 12475776

(5) Aldrin #2 (MB)

5.452min 4.960 ng/ml
response 47343403

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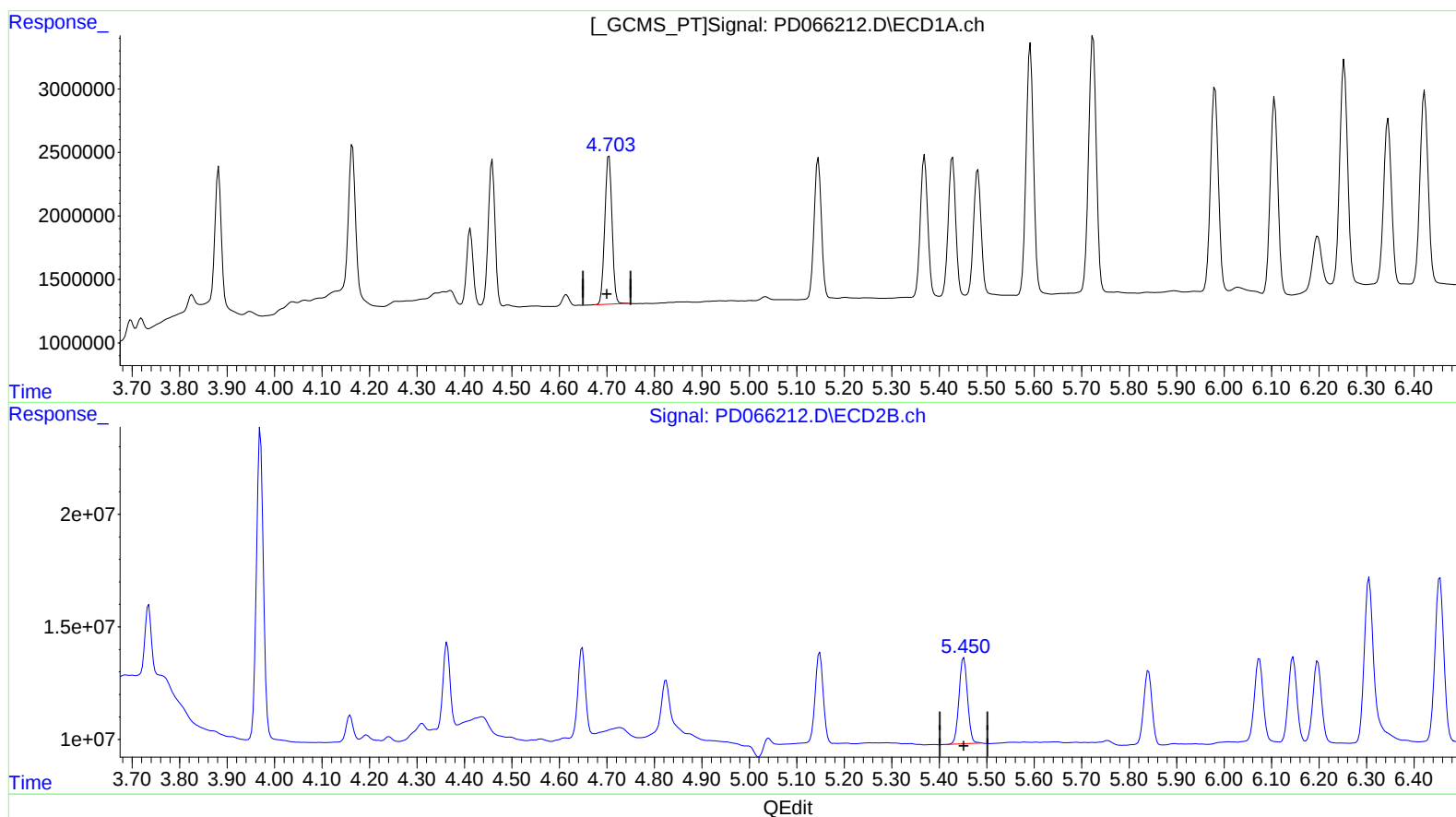
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(5) Aldrin (MB)

4.703min 4.316 ng/ml m
 response 12397563

(5) Aldrin #2 (MB)

5.452min 4.960 ng/ml
 response 47343403

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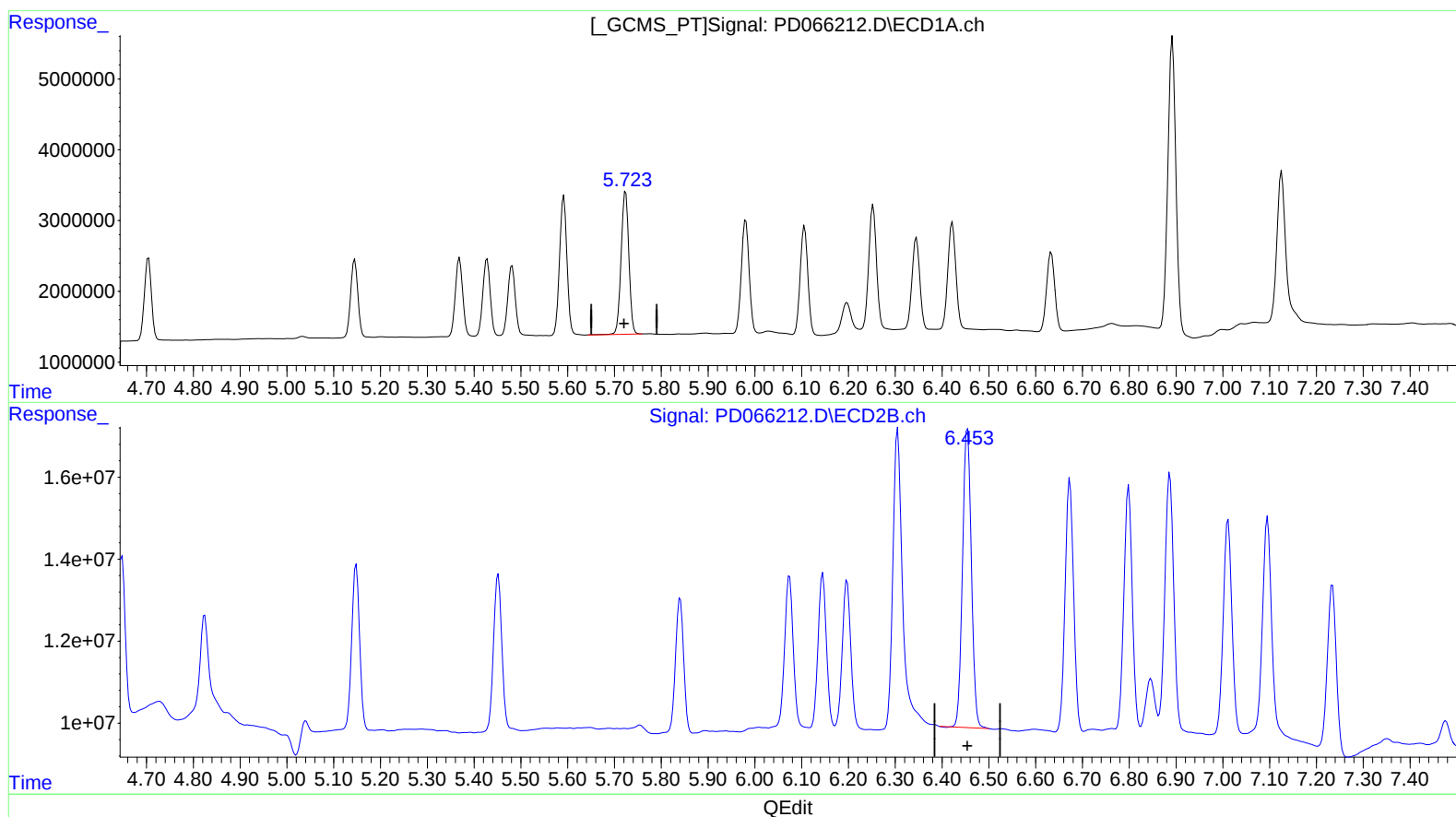
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(13) Dieldrin (MA)
5.724min 9.029 ng/ml
response 23202771

(13) Dieldrin #2 (MA)
6.455min 10.065 ng/ml
response 95604689

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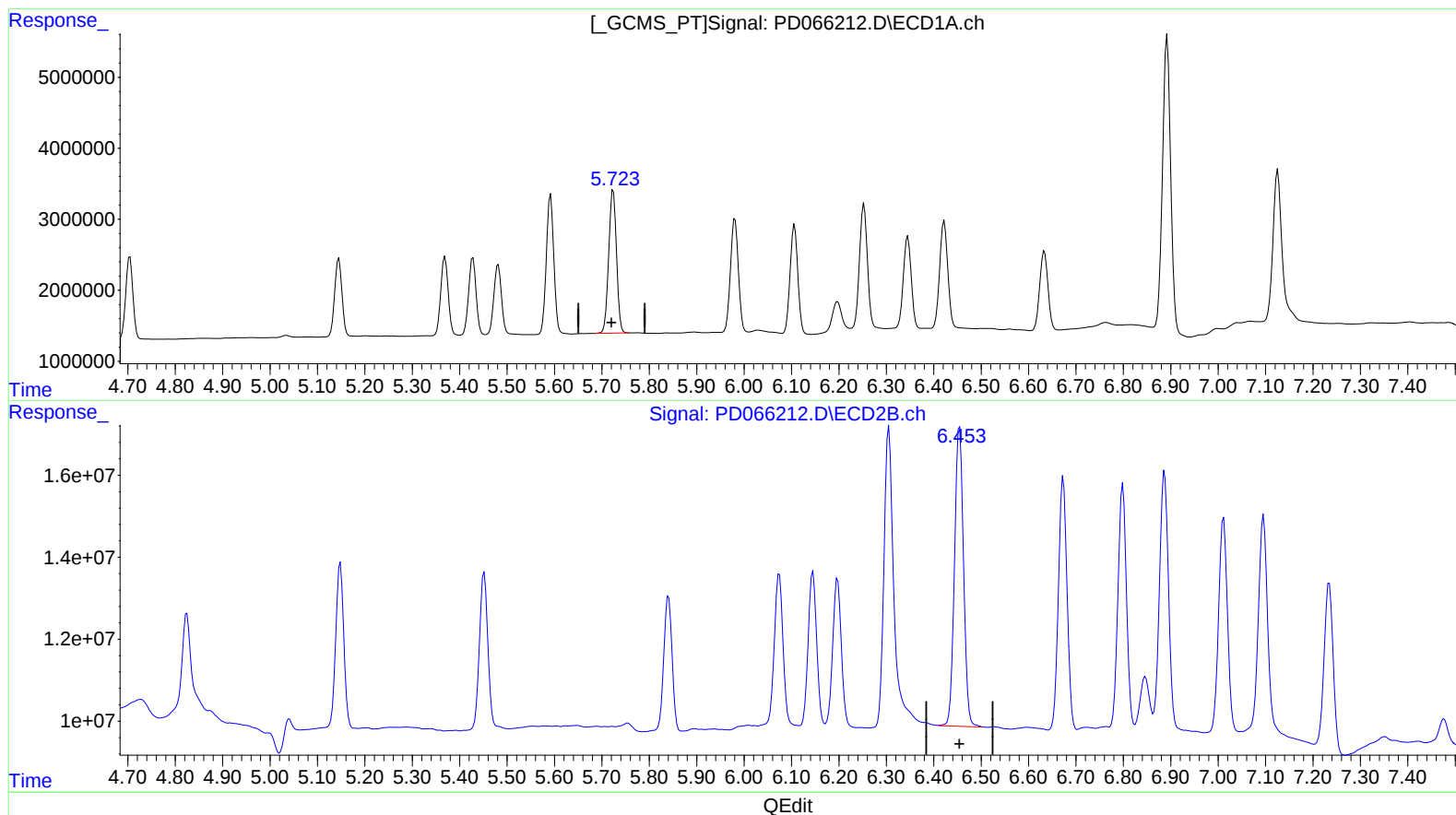
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(13) Dieldrin (MA)

5.723min 8.974 ng/ml m
response 23061016

(13) Dieldrin #2 (MA)

6.453min 10.182 ng/ml m
response 96712263

Quantitation Report (QT Reviewed)

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.445	3.970	36896860	141.0E6	19.377	20.882
27) SA Decachlor...	8.174	9.020	78947418	204.5E6	39.028	42.154
Target Compounds						
2) A alpha-BHC	3.882	4.362	10959987	40907517	3.694	3.845m
3) MA gamma-BHC...	4.163	4.648	12724698	48413987	4.189m	4.981
4) MA Heptachlor	4.458	5.148	11431228	47000220	4.617	5.203
5) MB Aldrin	4.703	5.452	12397563	47343403	4.316m	4.960
6) B beta-BHC	4.412	4.824	5804879	28383413	3.708	6.173 #
7) B delta-BHC	4.615	5.041	876577	6592201	0.332	0.632 #
8) B Heptachlo...	5.145	5.841	11892807	39754189	4.657	5.555
9) A Endosulfan I	5.481	6.197	11046974	45944696	4.765	5.088
10) B trans-Chl...	5.369	6.074	12140398	48185929	4.636	4.915
11) B cis-Chlor...	5.428	6.145	11888261	47397363	4.589	4.927
12) B 4,4'-DDE	5.592	6.305	21681333	103.8E6	9.111	11.031
13) MA Dieldrin	5.723	6.453	23061016	96712263	8.974m	10.182m
14) MA Endrin	5.981	6.673	18654915	77377907	9.532	9.738
15) B Endosulfa...	6.253	6.887	20353422	83062572	9.081	10.061
16) A 4,4'-DDD	6.106	6.799	17448435	73604341	8.735	9.768
17) MA 4,4'-DDT	6.345	7.096	15124547	78530524	8.512	10.345
18) B Endrin al...	6.422	7.011	18191862	69837122	11.438	11.981
19) B Endosulfa...	6.633	7.234	13238521	53253723	6.528	7.014
20) A Methoxychlor	6.892	7.557	49859525	185.9E6	48.282	54.862
21) B Endrin ke...	7.126	7.706	29440909	87275251	11.536	10.945

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

10/18/21