Quantitation Report (Qedit)

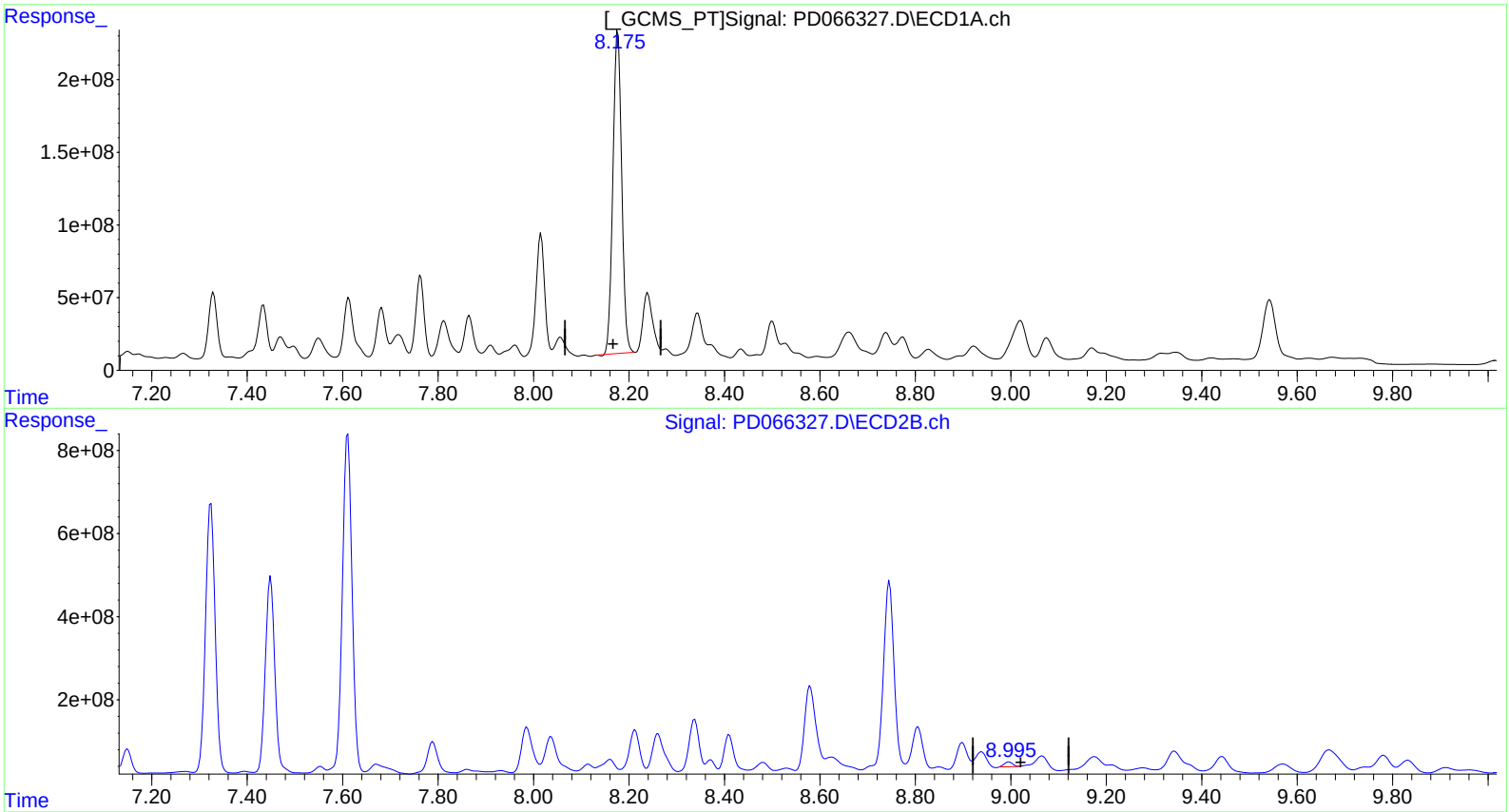
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101621\
Data File : PD066327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2021 21:02
Operator : AR\AJ
Sample : M4126-14
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
10/20/2021 2:49:10 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 03:44:42 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101621CLP.M
Quant Title : GC Extractables
QLast Update : Tue Oct 19 10:18:55 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



QEdit

(27) Decachlorobiphenyl (SA)

8.177min 2093.183 ng/ml

response 2845857534

(27) Decachlorobiphenyl #2 (SA)

8.996min 28.857 ng/ml

response 137039328

(+) = Expected Retention Time

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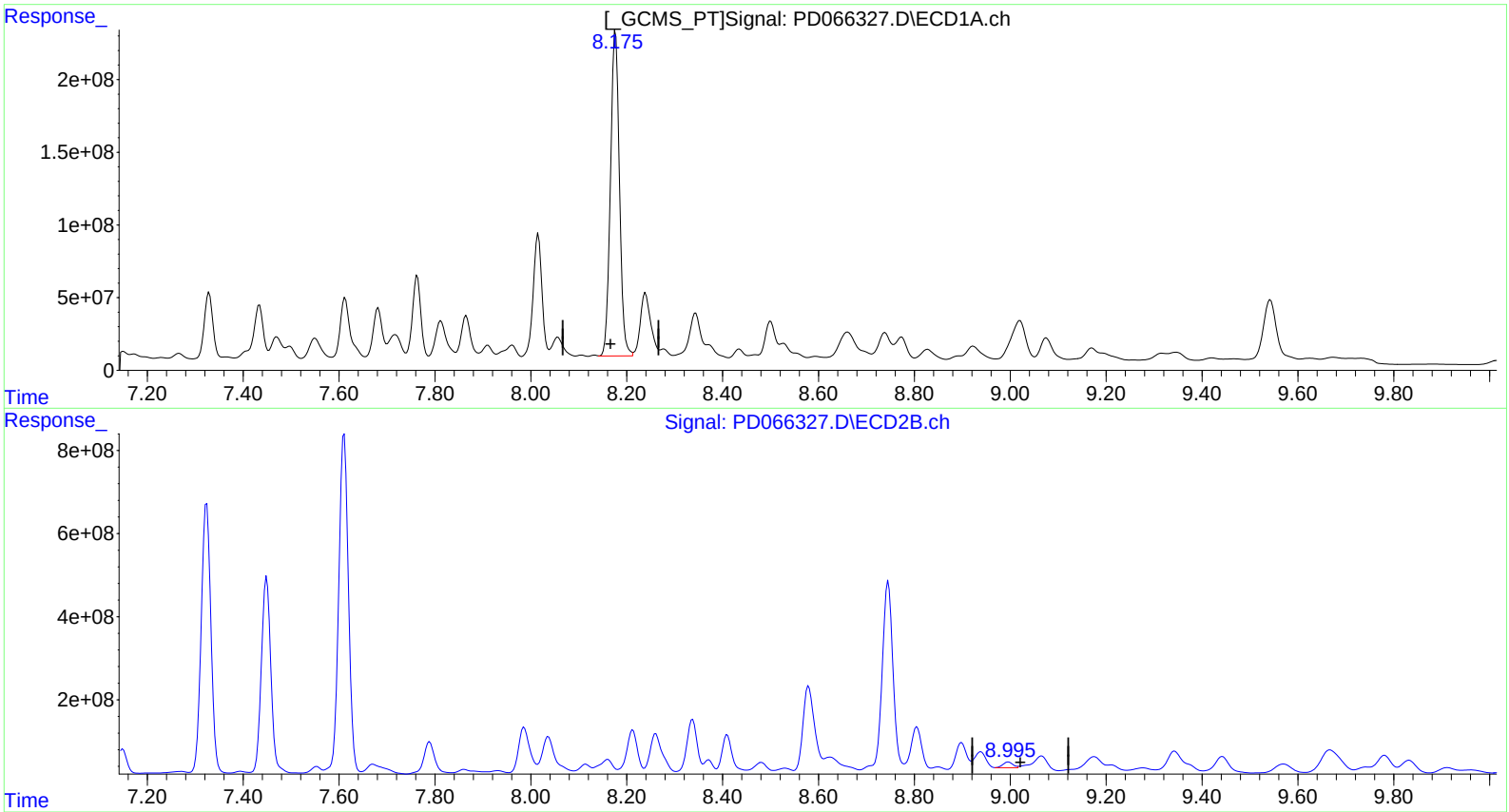

QEdit

(27) Decachlorobiphenyl (SA)

8.175min 2147.984 ng/ml m

response 2920363830

(27) Decachlorobiphenyl #2 (SA)

8.995min 42.336 ng/ml m

response 201048305

(+) = Expected Retention Time

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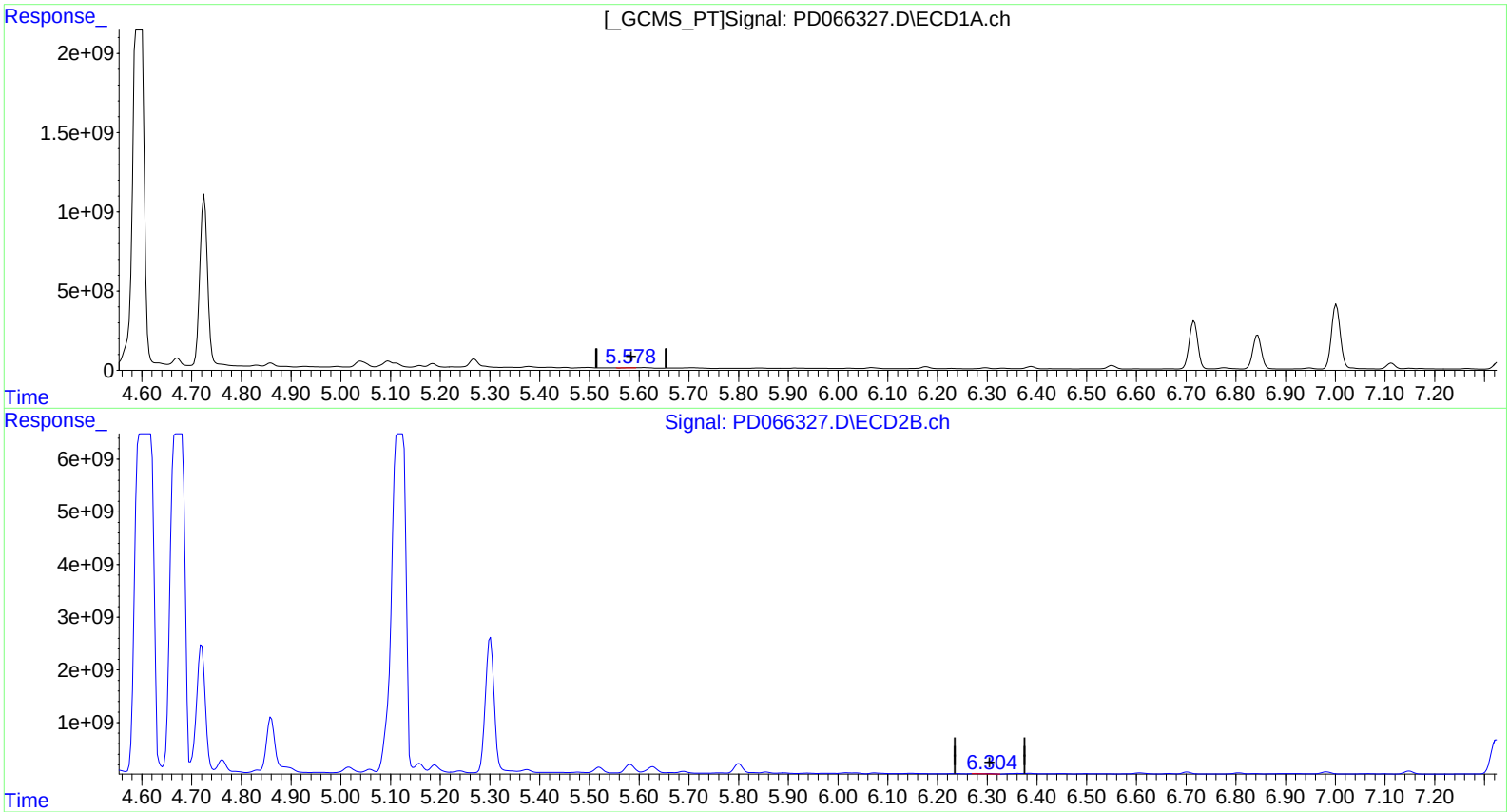

QEdit

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

5.580min 2.137 ng/ml

response 5351862

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

6.304min 14.535 ng/ml

response 115502423

(+) = Expected Retention Time

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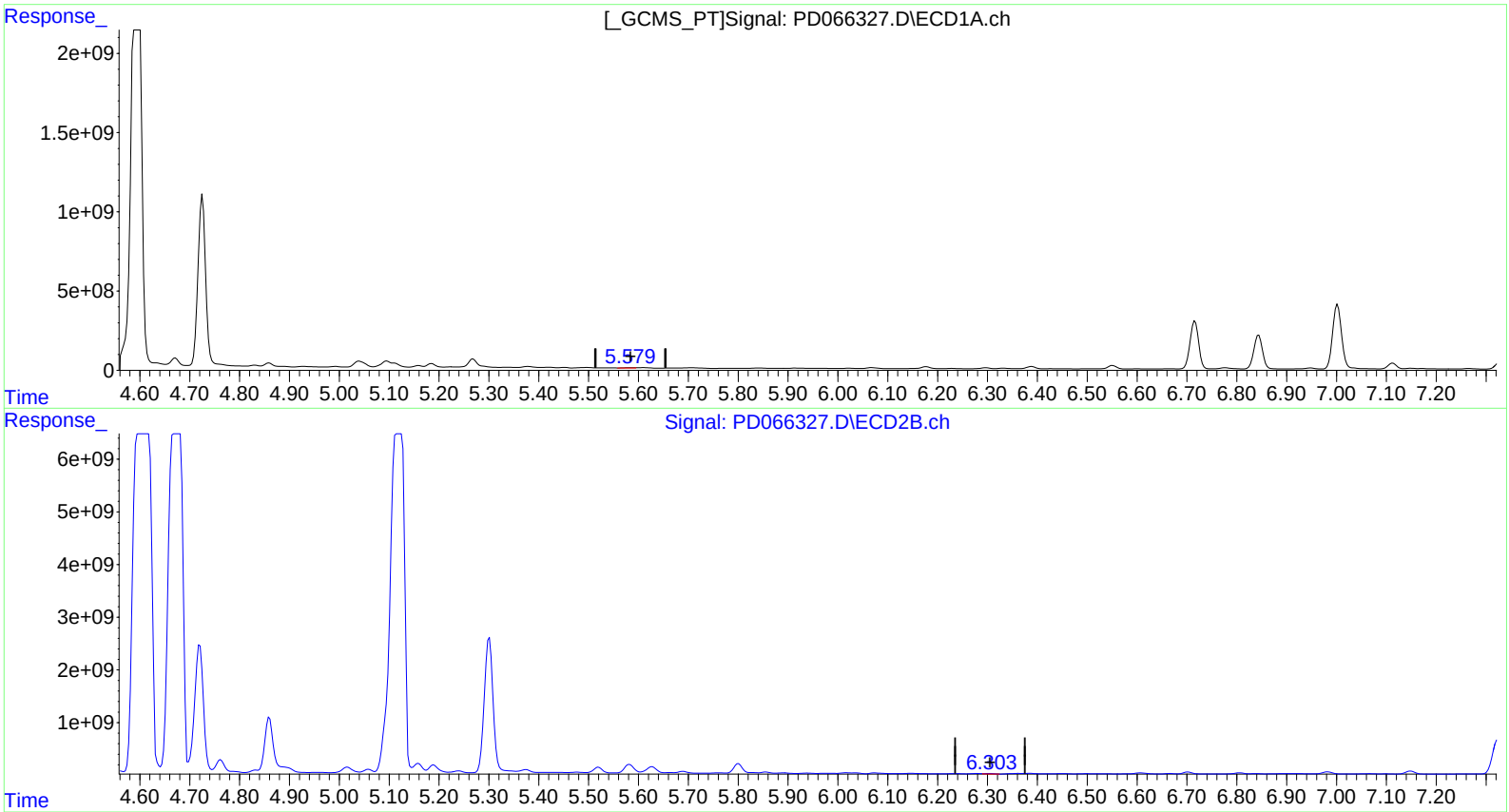

QEdit

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

5.579min 9.371 ng/ml m

response 23472533

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

6.303min 14.872 ng/ml m

response 118178213

(+) = Expected Retention Time

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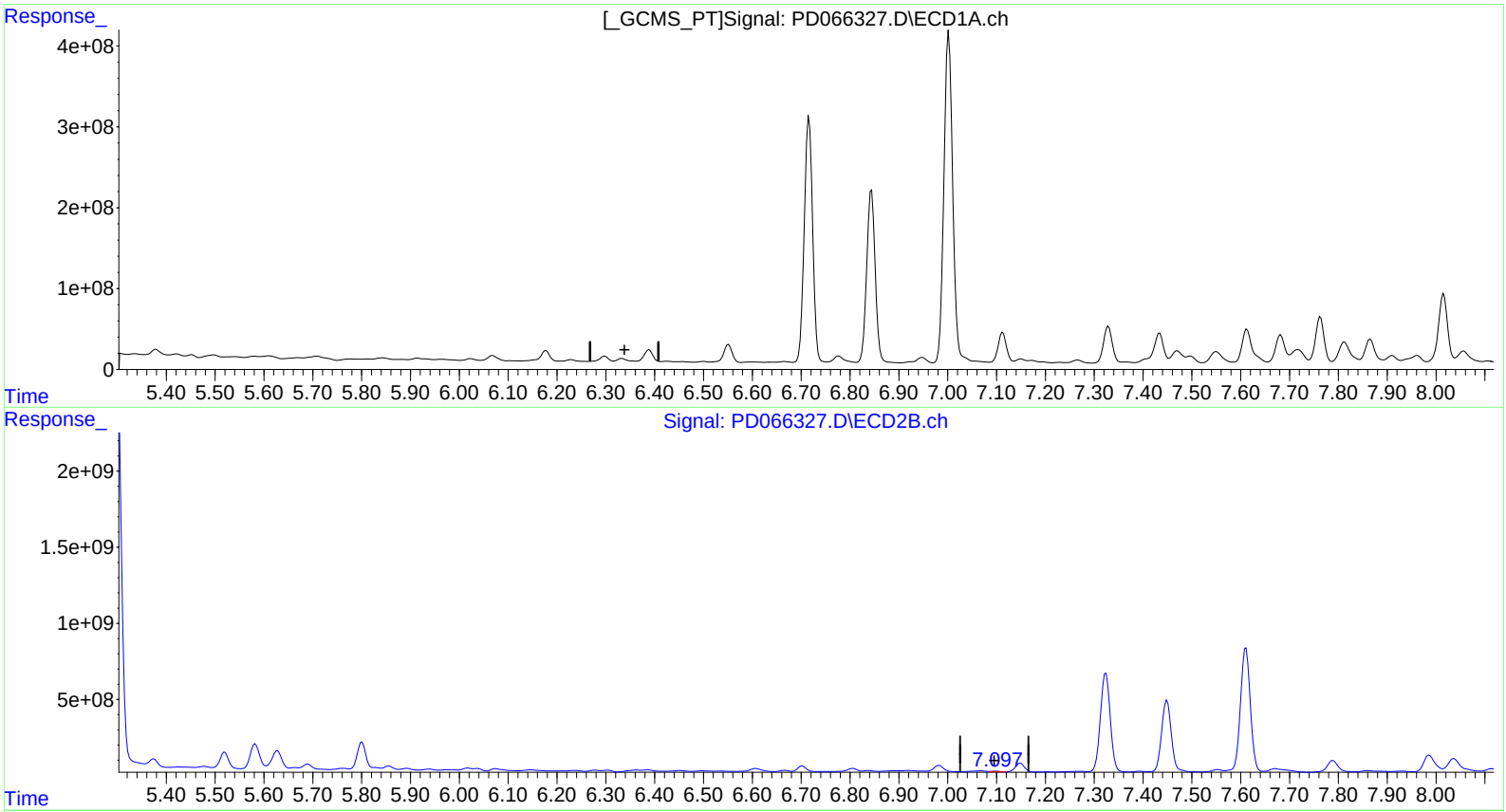

QEdit

(17) 4,4'-DDT (MA)

6.333min -8.438 ng/ml

response -16790391

(17) 4,4'-DDT #2 (MA)

7.098min 7.752 ng/ml

response 50842388

(+) = Expected Retention Time

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Manual Integrations APPROVED
mohammad
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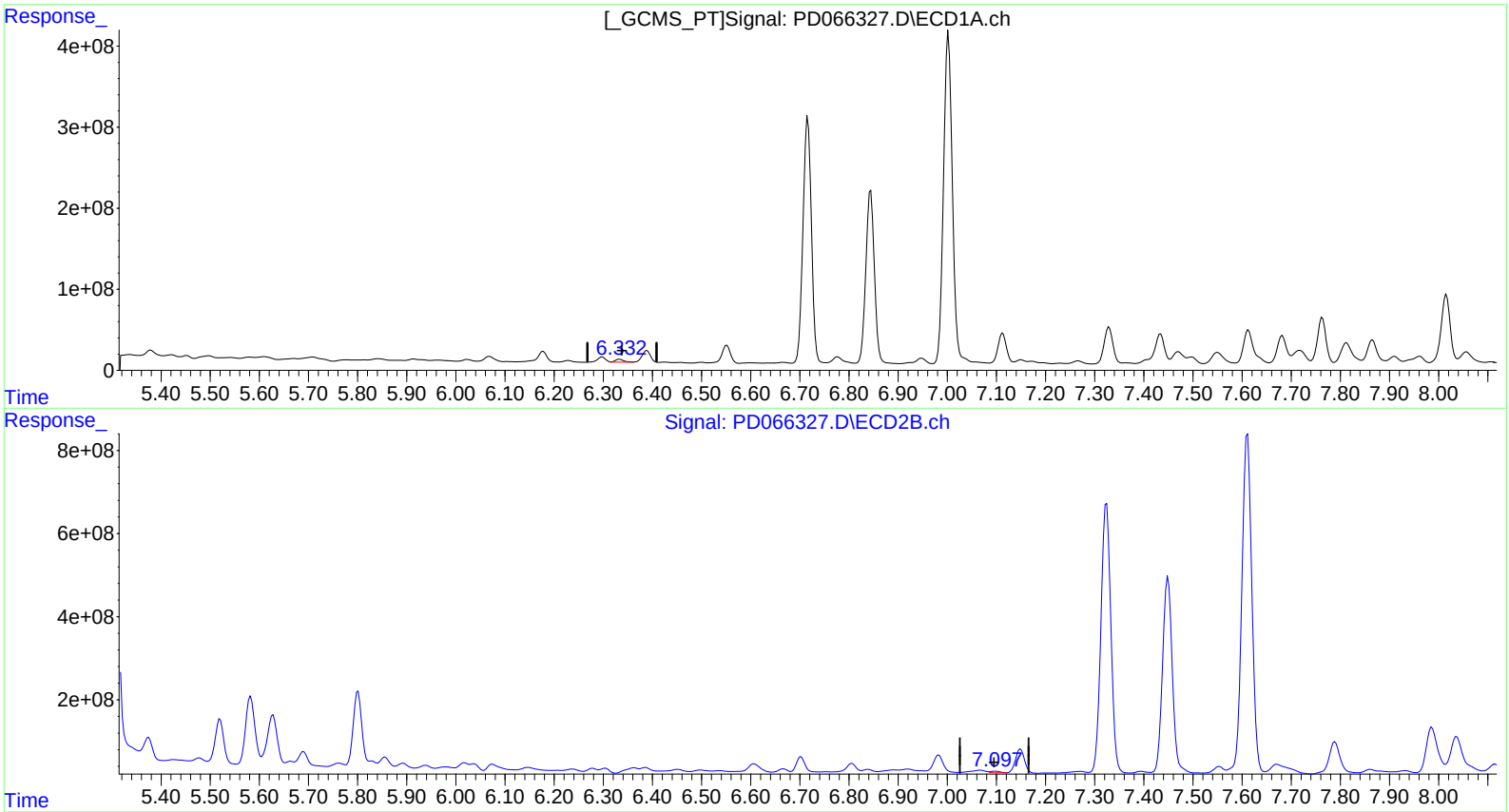
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(17) 4,4'-DDT (MA)

6.332min 22.340 ng/ml m

response 44453930

(17) 4,4'-DDT #2 (MA)

7.098min 7.752 ng/ml

response 50842388

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.440	3.979	3439.7E6	19608.4E6	1684.565	2200.351 #
27) SA Decachlor...	8.175	8.995	2920.4E6	201.0E6	2147.984m	42.336m#
Target Compounds						
11) B cis-Chlor...	5.421	6.147	41035897	113.4E6	15.300	12.795
12) B 4,4'-DDE	5.579	6.303	23472533	118.2E6	9.371m	14.872m#
17) MA 4,4'-DDT	6.332	7.098	44453930	50842388	22.340m	7.752 #

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

Instrument :
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ClientSampleId :
C0AB4

Manual Integrations APPROVED
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AJ 10/27/21

AJ 10/27/21