Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
Data File : PD066846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Nov 2021 17:15
Operator : AR\AJ
Sample : M4419-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

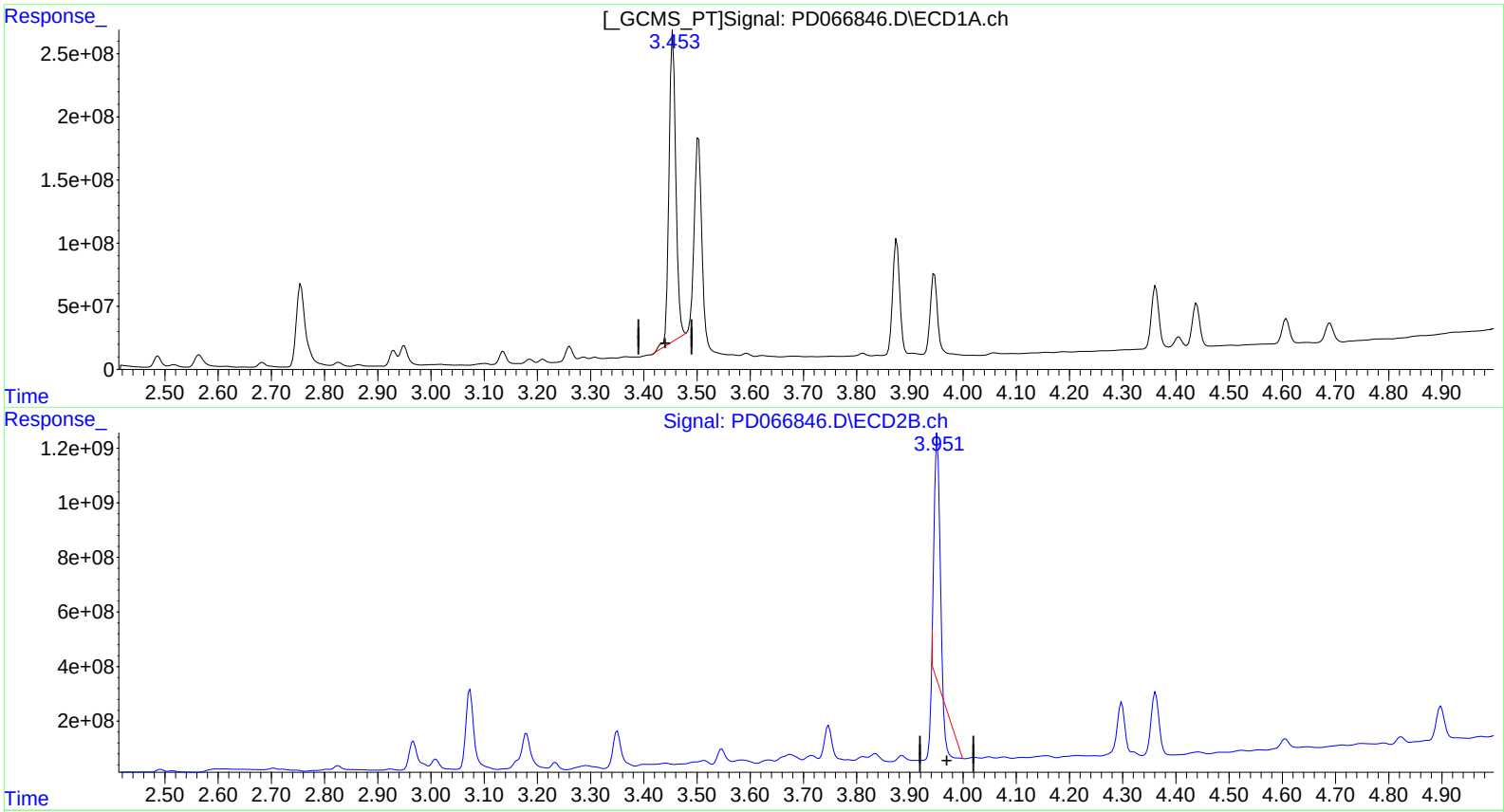
Instrument :
ECD_D
ClientSampleId :
C0HF4

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 02:08:52 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



QEdit

(1) Tetrachloro-m-xylene (SA)

3.455min 1147.395 ng/ml

response 2218000183

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

3.949min 91.113 ng/ml

response 789079124

(+) = Expected Retention Time

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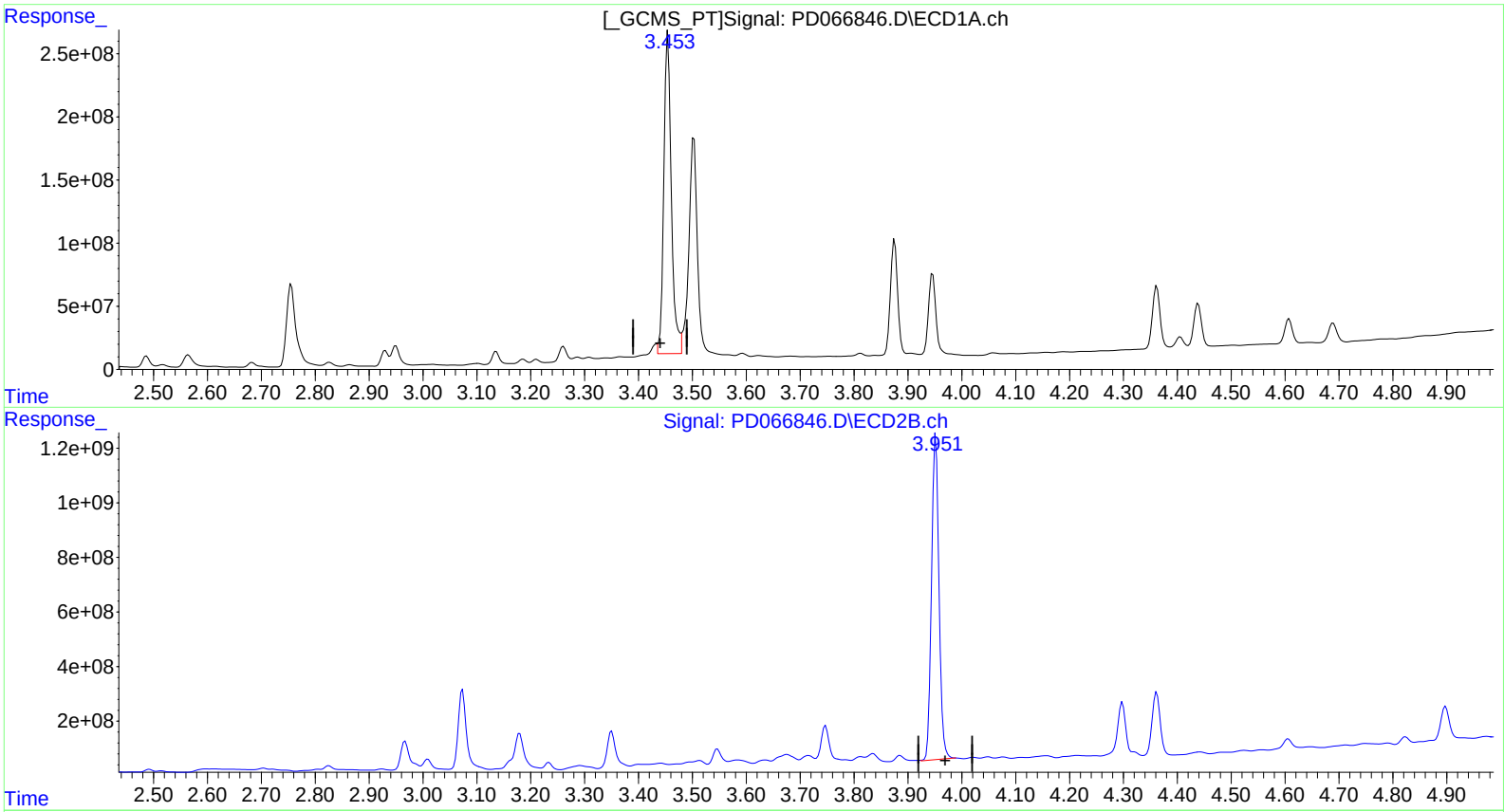

QEdit

(1) Tetrachloro-m-xylene (SA)

3.453min 1290.164 ng/ml m

response 2493982220

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

3.951min 1322.159 ng/ml m

response 11450507869

(+) = Expected Retention Time

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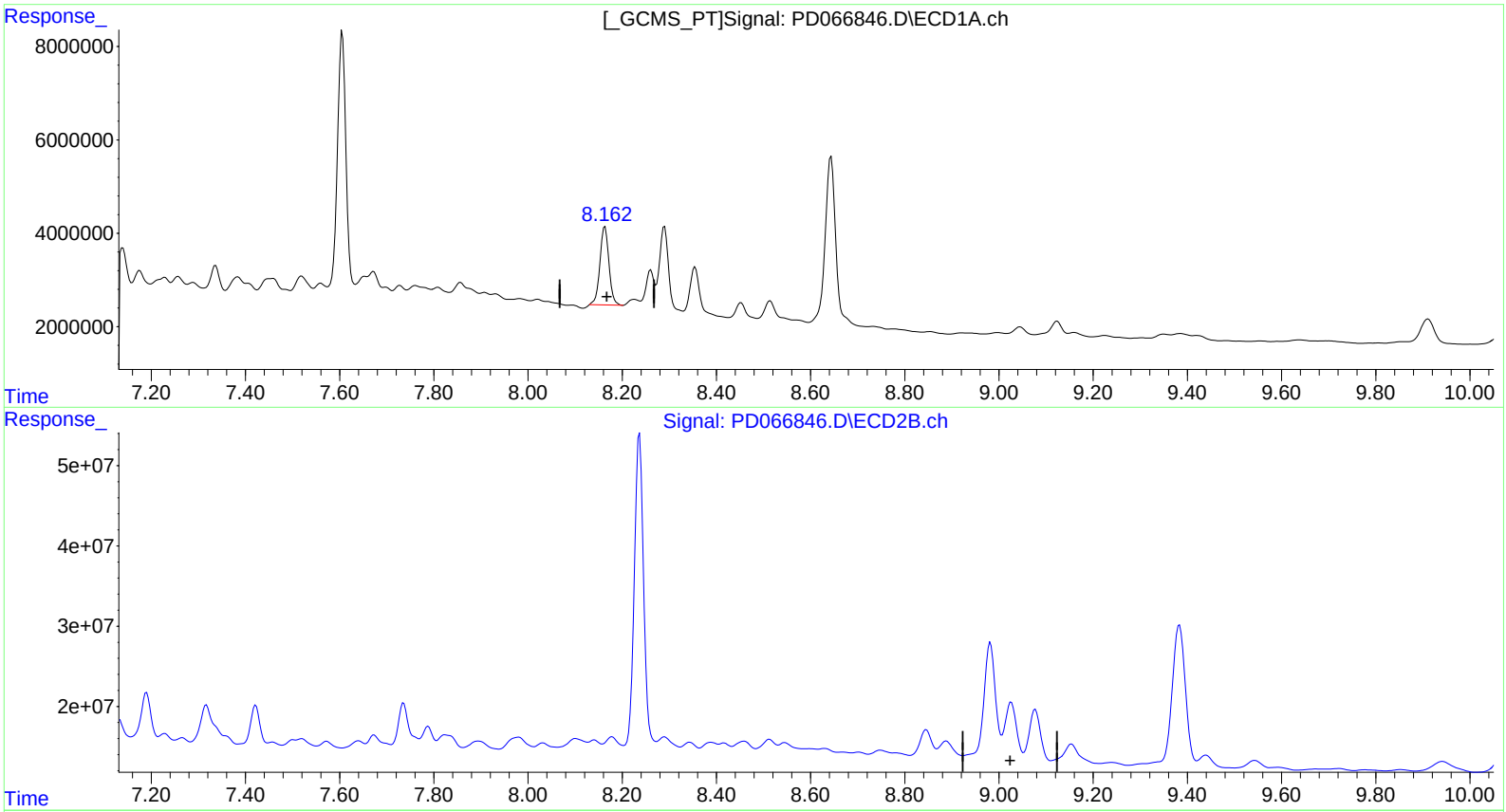

QEdit

(27) Decachlorobiphenyl (SA)

8.163min 19.129 ng/ml

response 22412678

(27) Decachlorobiphenyl #2 (SA)

9.026min -4.376 ng/ml

response -22820469

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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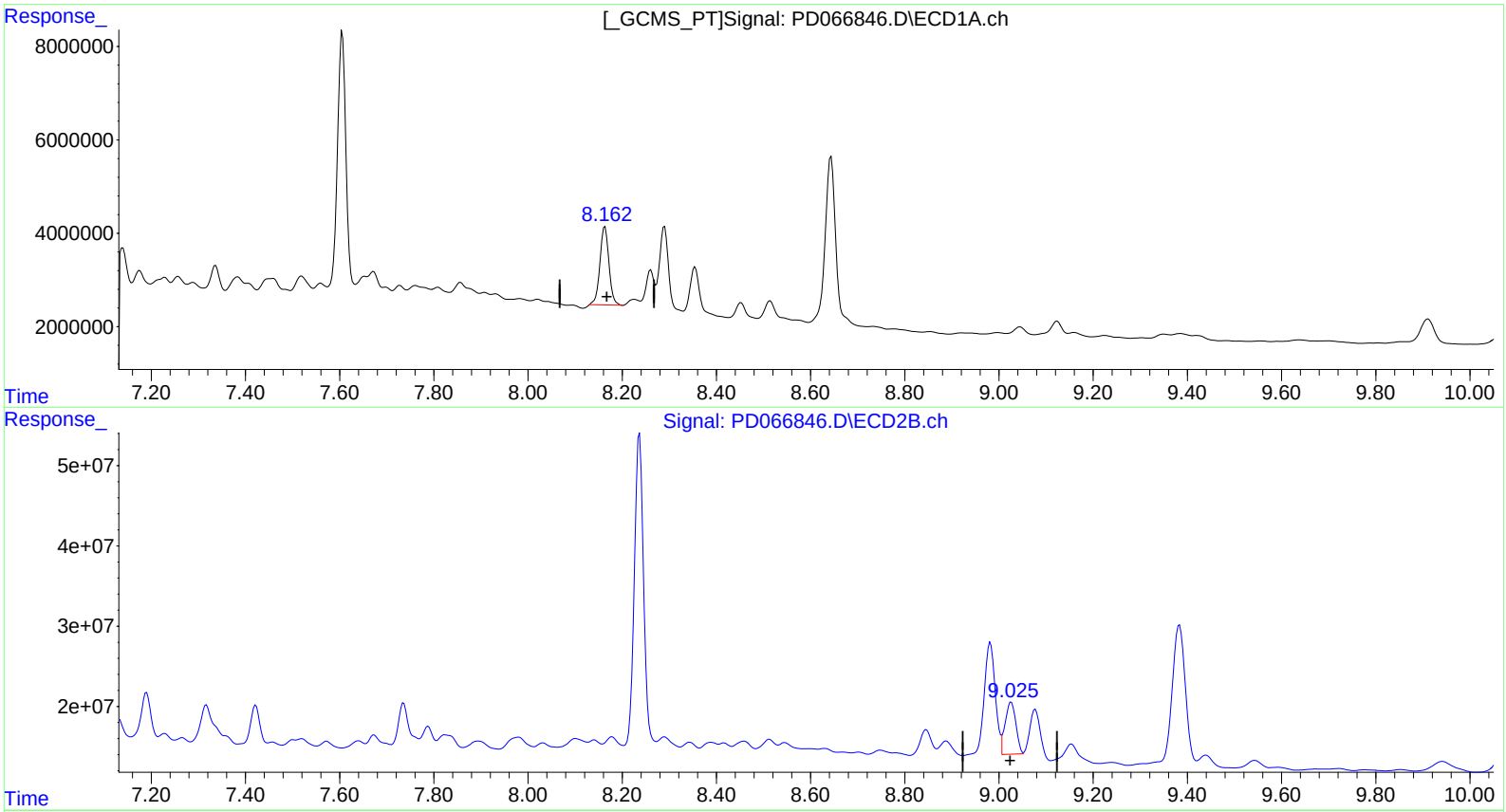

QEdit

(27) Decachlorobiphenyl (SA)

8.163min 19.129 ng/ml

response 22412678

(27) Decachlorobiphenyl #2 (SA)

9.025min 19.405 ng/ml m

response 101200473

(+) = Expected Retention Time

Quantitation Report (Qedit)

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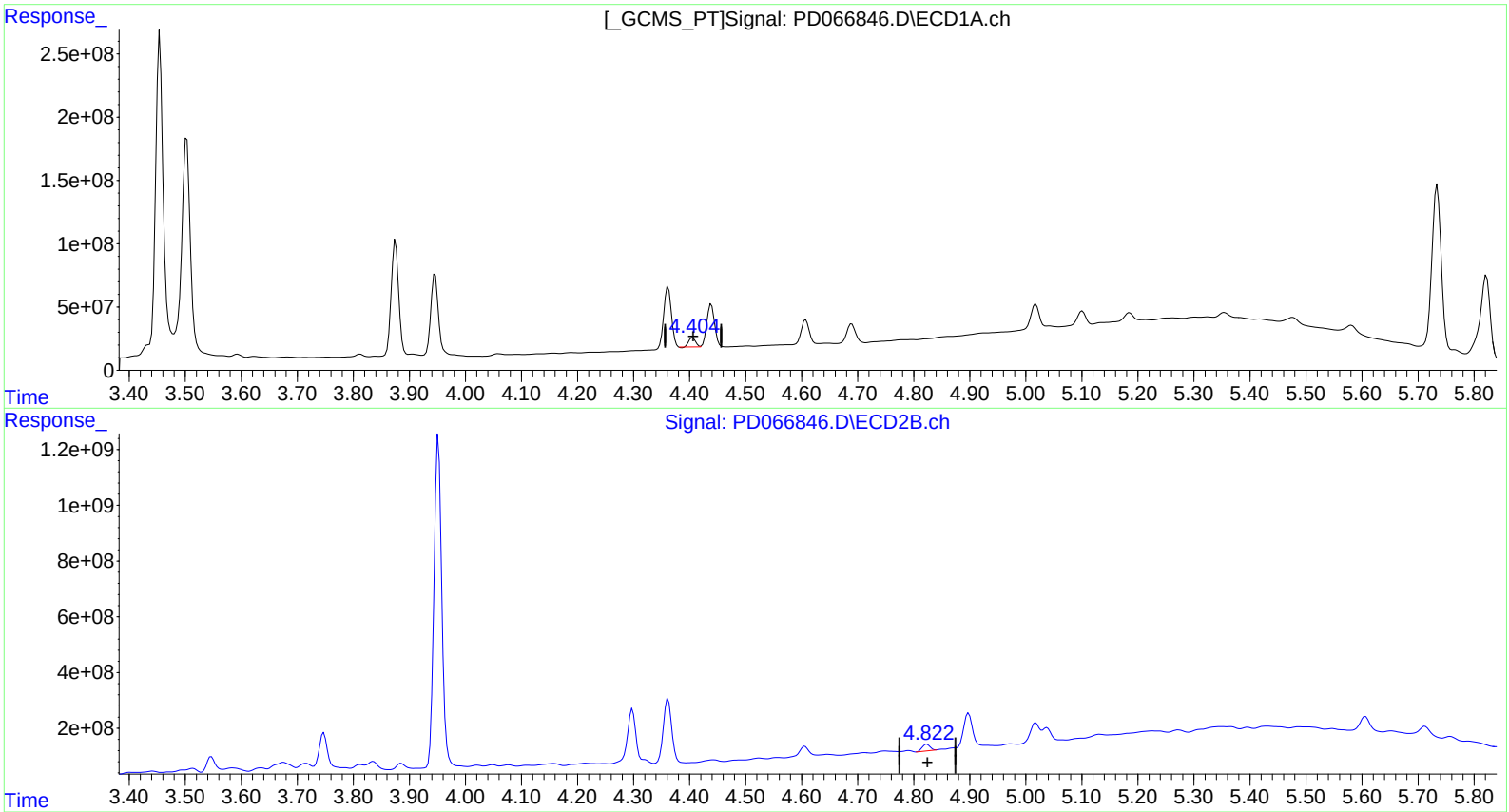

QEdit

(6) beta-BHC (B)

4.405min 49.058 ng/ml

response 61619233

(6) beta-BHC #2 (B)

4.824min 46.744 ng/ml

response 230318284

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
C0HF4

Manual IntegrationsAPPROVED

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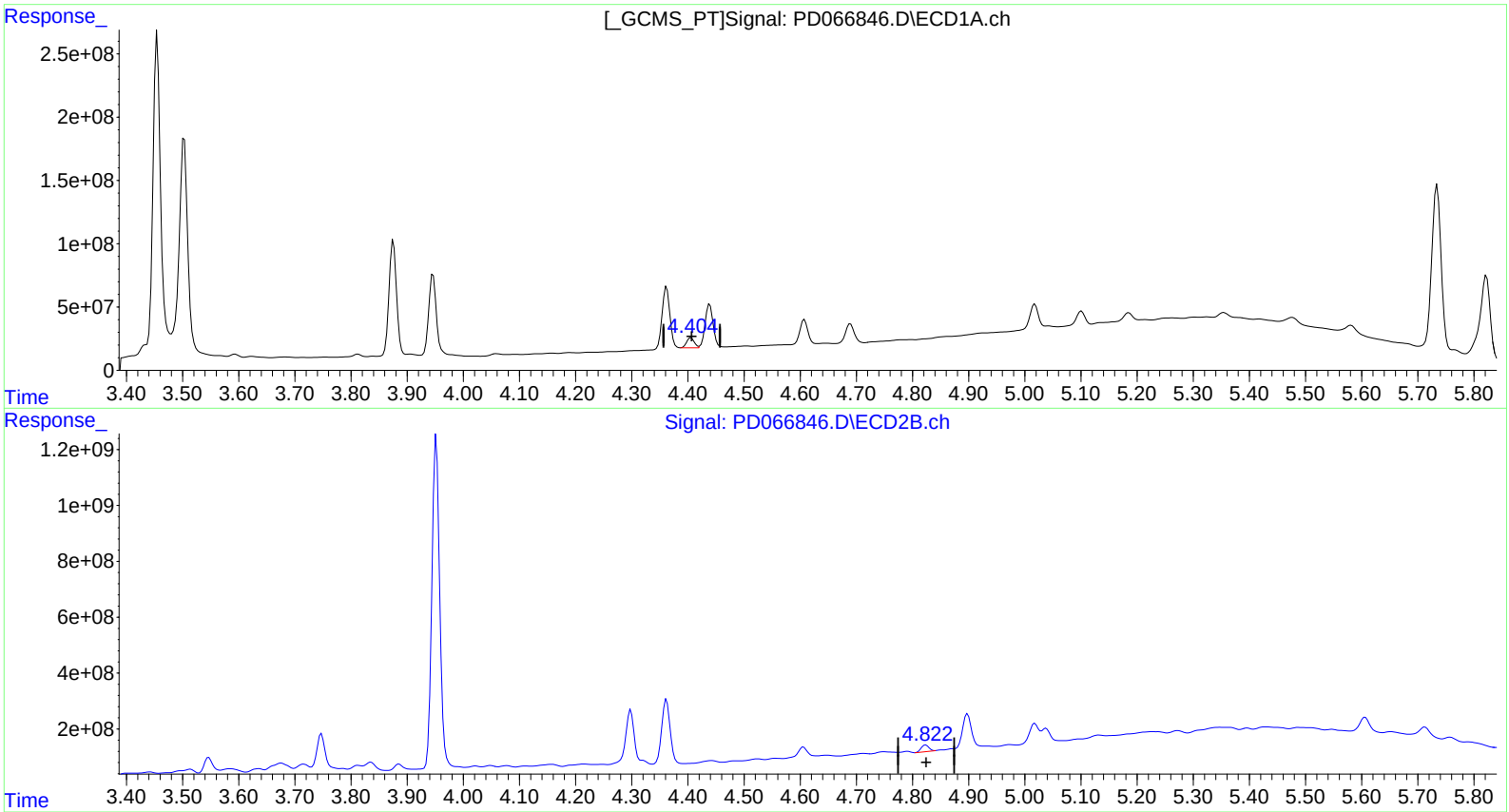
Integrator: ChemStation

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

(6) beta-BHC (B)

4.404min 58.740 ng/ml m

response 73779989

(6) beta-BHC #2 (B)

4.824min 46.744 ng/ml

response 230318284

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
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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...	3.453	3.951	2494.0E6	11450.5E6	1290.164m	1322.159m
27)	SA Decachlor...	8.163	9.025	22412678	101.2E6	19.129	19.405m
	Target Compounds						
2)	A alpha-BHC	3.875	4.362	848.0E6	2393.4E6	289.702	218.894
6)	B beta-BHC	4.404	4.824	73779989	230.3E6	58.740m	46.744
7)	B delta-BHC	4.607	5.038	193.3E6	546.4E6	72.915	55.228
12)	B 4,4'-DDE	5.581	6.302	80485698	152.6E6	35.239	20.045 #
16)	A 4,4'-DDD	6.098	6.800	7147.6E6	16340.4E6	3948.761	2531.069 #
17)	MA 4,4'-DDT	6.336	7.097	1573.1E6	3830.5E6	831.996	579.836 #

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

AJ
11/15/21