Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
Data File : PD051329.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Feb 2019 00:39
Operator : AJ\SJ
Sample : PEM34
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 04:50:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022219CLP.M
Quant Title : GC Extractables
QLast Update : Fri Feb 22 04:35:08 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

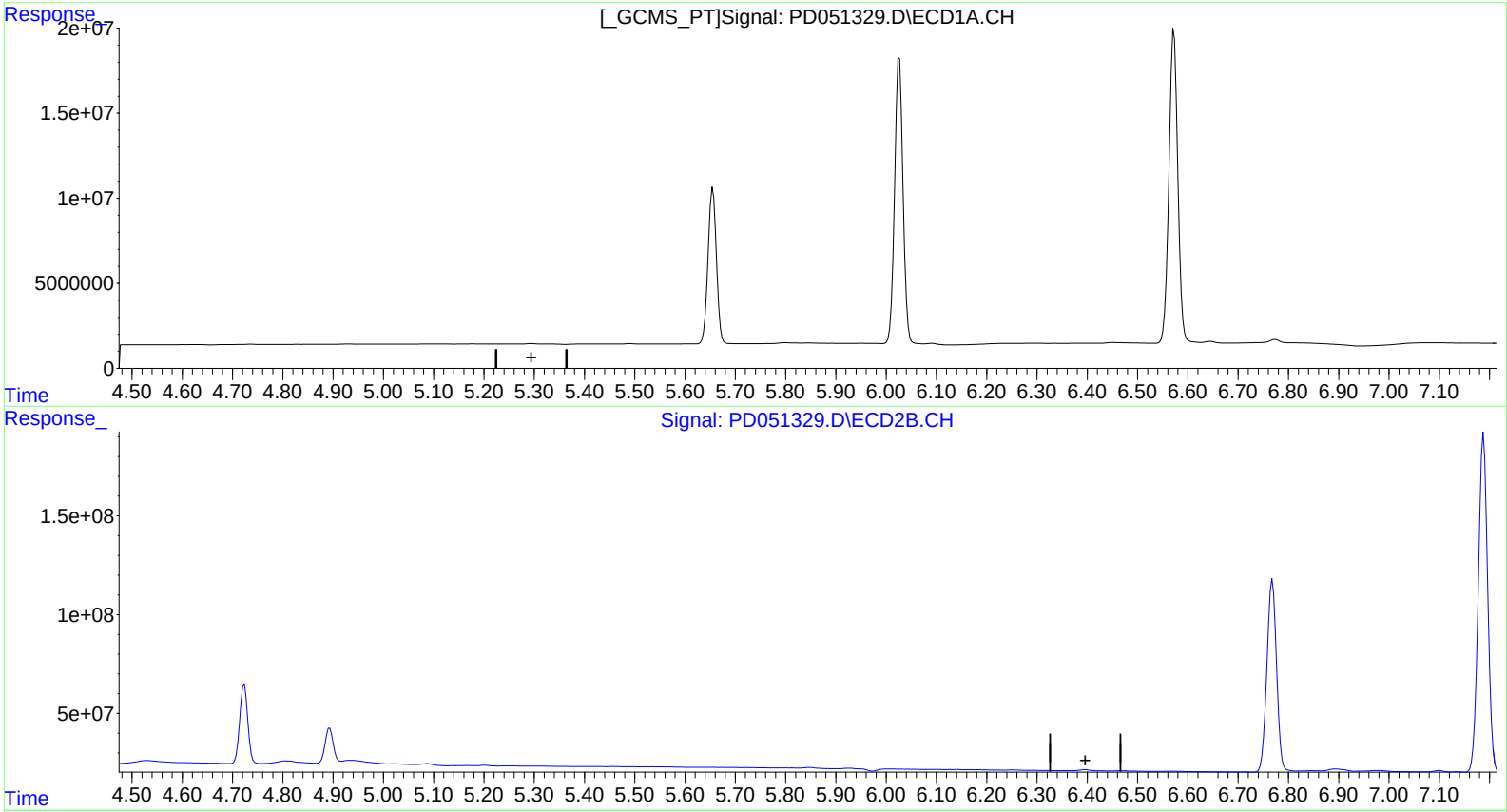
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM



QEdit

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

0.000min 0.000 ng/ml

response 0

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

0.000min 0.000 ng/ml

response 0

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
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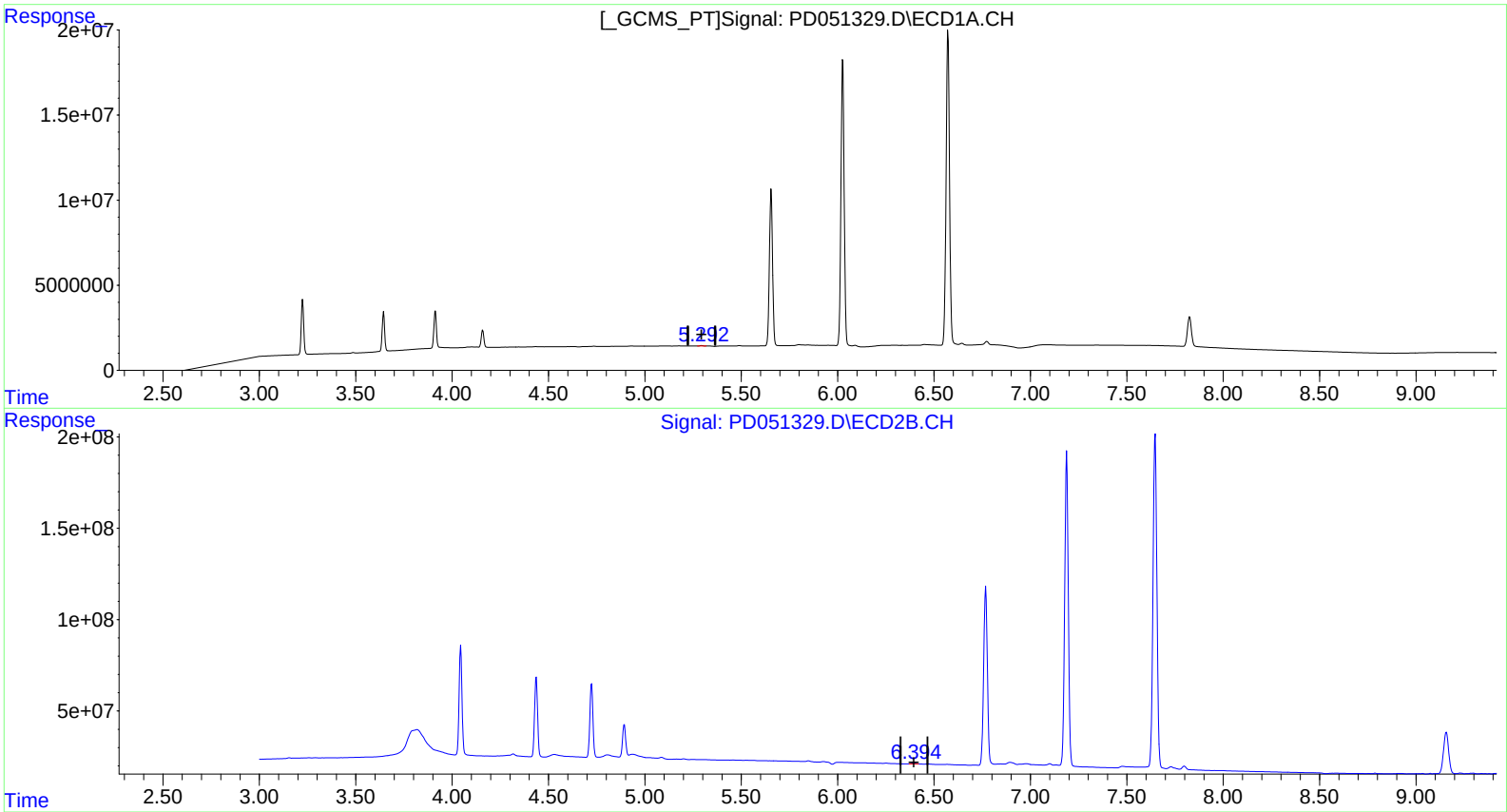
Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM



QEdit

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

5.292min 0.157 ng/ml m

response 338133

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

6.394min 0.201 ng/ml m

response 6578286

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
Data File : PD051329.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Feb 2019 00:39
Operator : AJ\SJ
Sample : PEM34
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM

Integration File signal 1: autoint1.e
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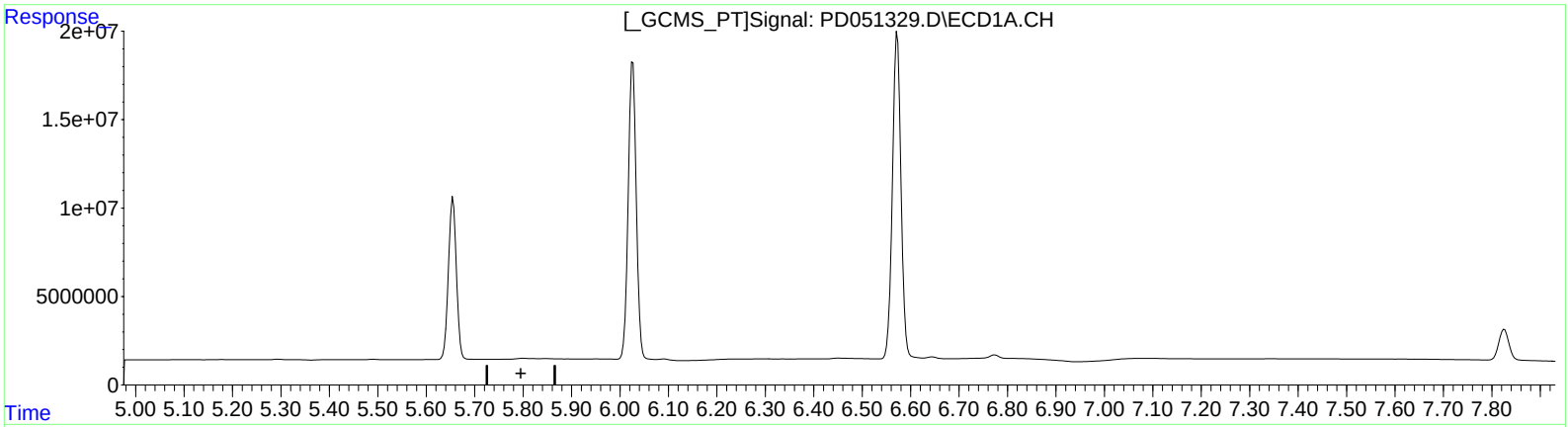
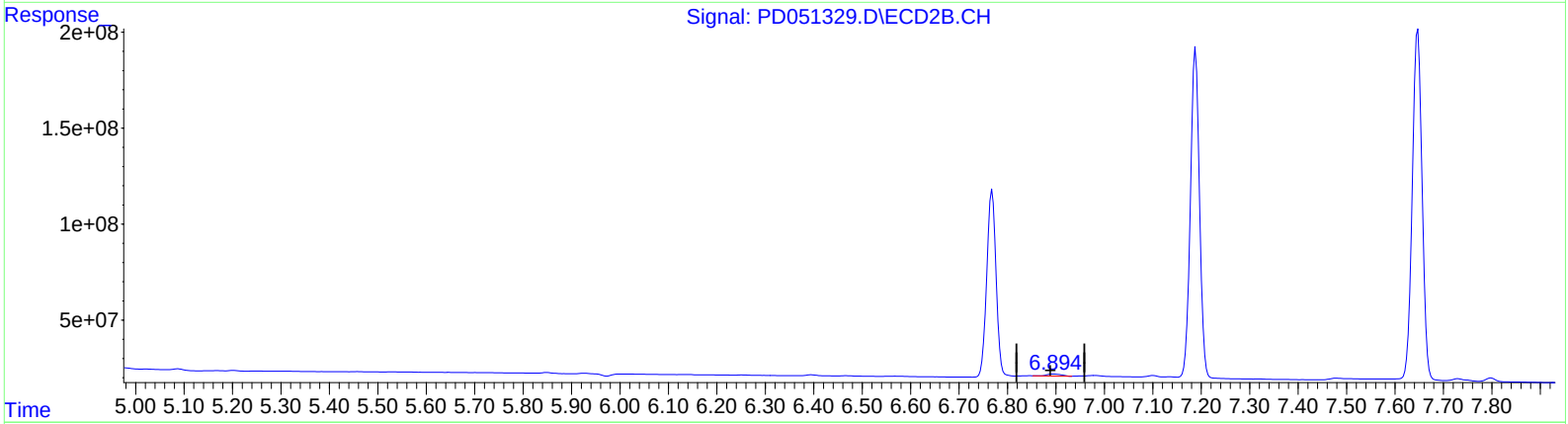
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(16) 4,4'-DDD (A)

0.000min 0.000 ng/ml

response 0

(16) 4,4'-DDD #2 (A)

6.894min 0.809 ng/ml

response 21182541

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : PEM34
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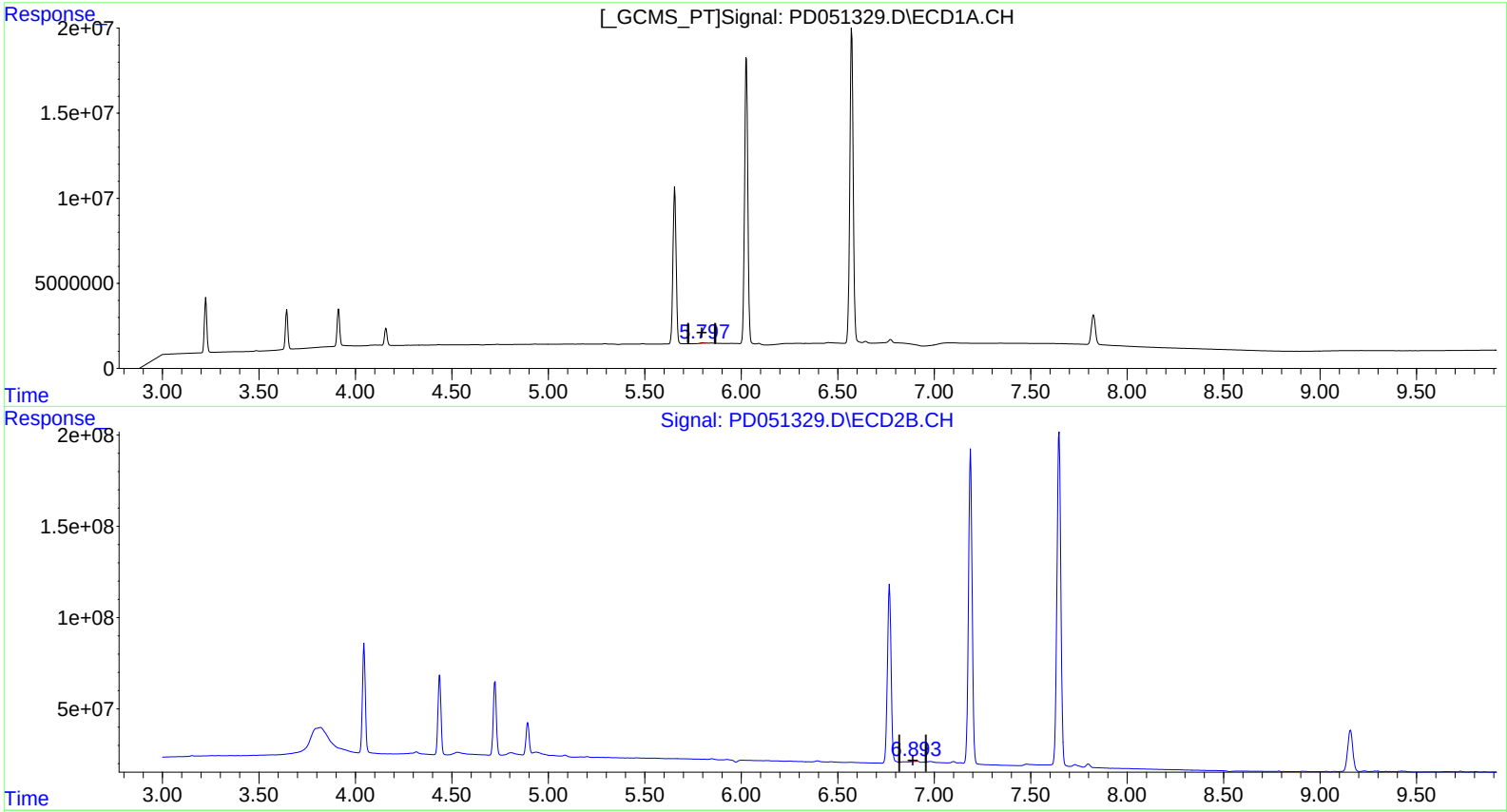
Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM



QEdit

(16) 4,4'-DDD (A)

5.797min 0.247 ng/ml m

response 434526

(16) 4,4'-DDD #2 (A)

6.893min 0.462 ng/ml m

response 12097865

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
Data File : PD051329.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Feb 2019 00:39
Operator : AJ\SJ
Sample : PEM34
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Response via : Initial Calibration
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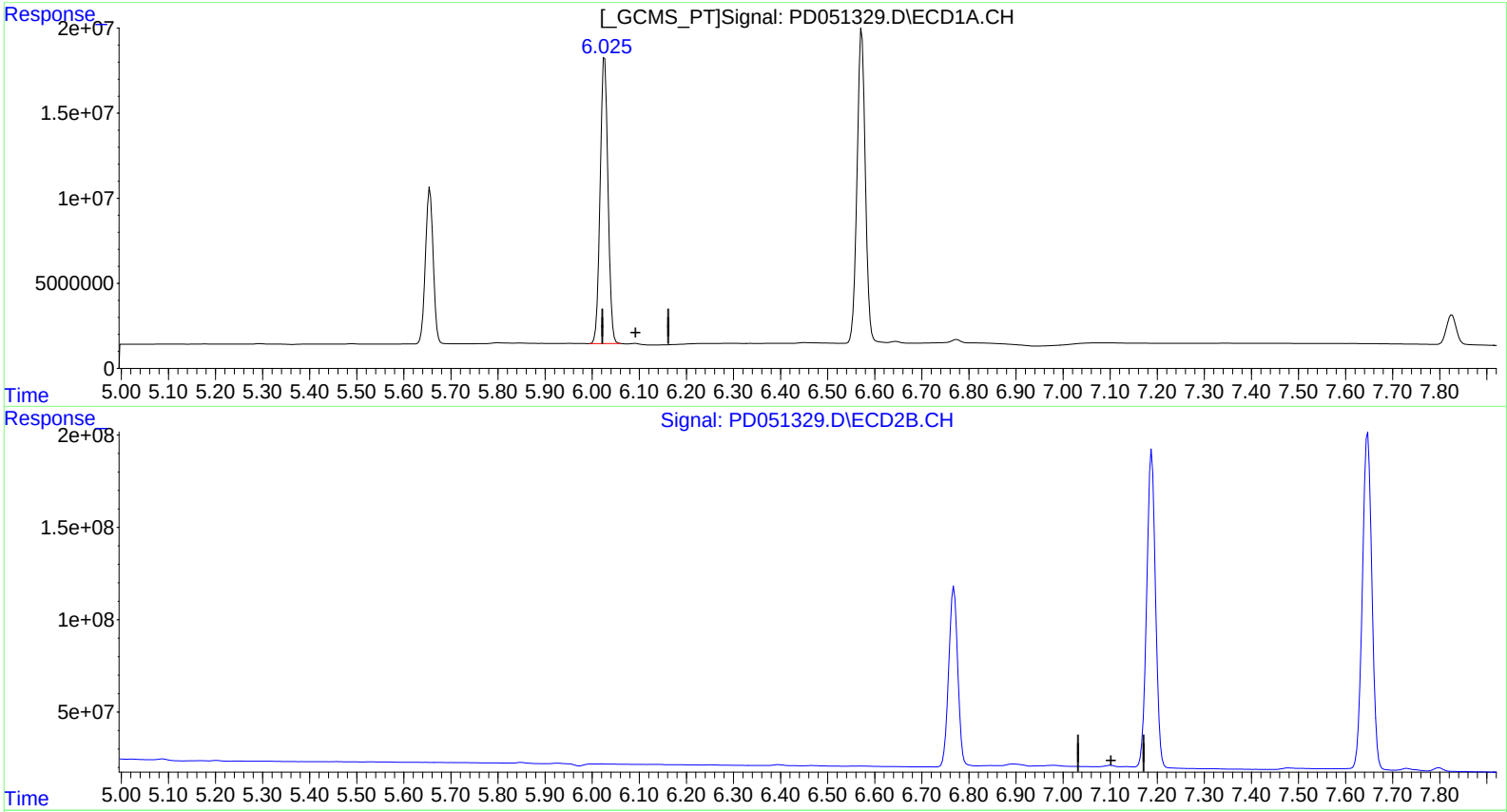
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM



QEdit

(18) Endrin aldehyde (B)

6.027min 118.523 ng/ml

response 194356727

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
Data File : PD051329.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Feb 2019 00:39
Operator : AJ\SJ
Sample : PEM34
Misc :
ALS Vial : 3 Sample Multiplier: 1

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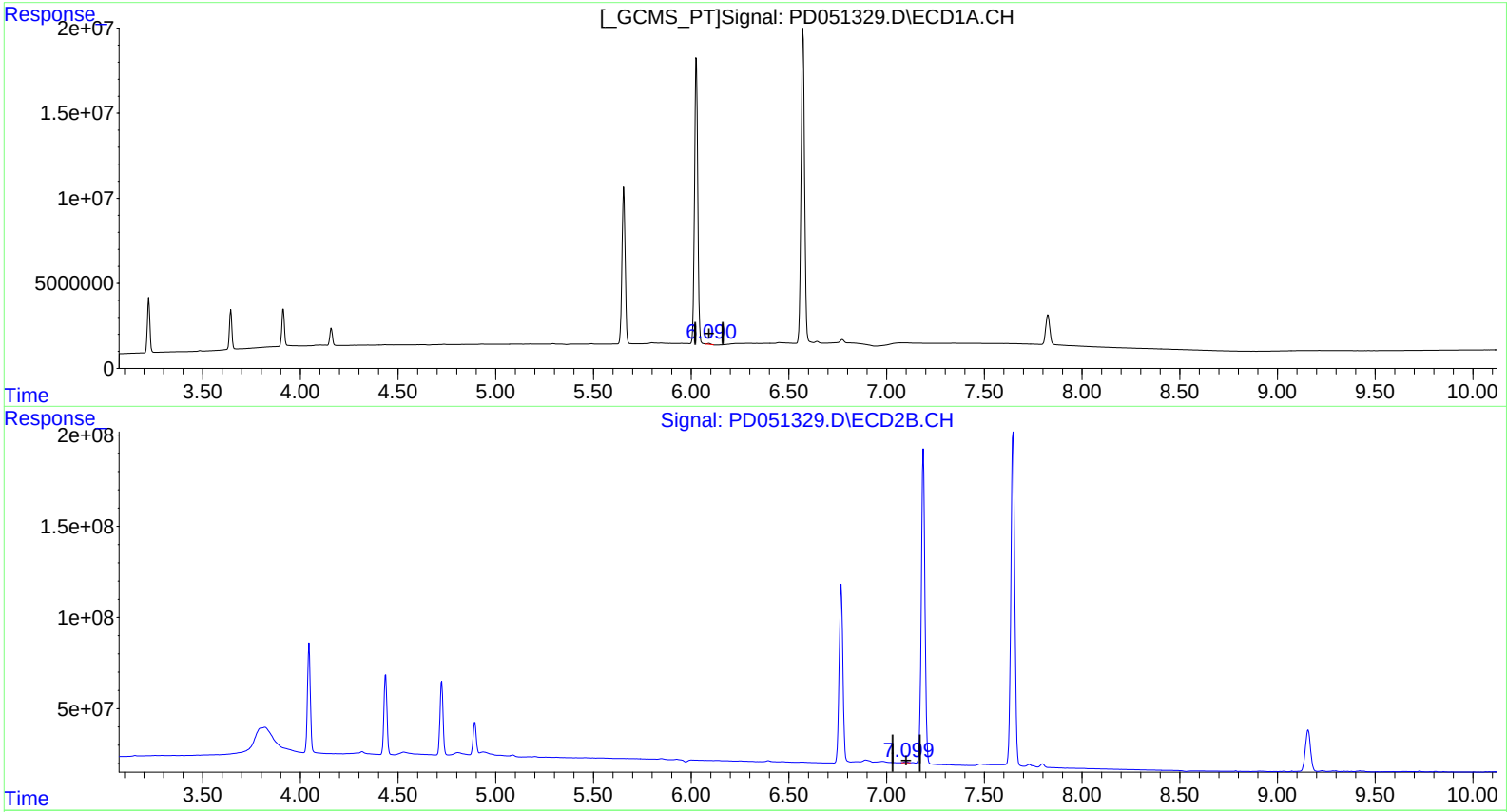
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM



QEdit

(18) Endrin aldehyde (B)

6.090min 0.412 ng/ml m

response 676192

(18) Endrin aldehyde #2 (B)

7.099min 0.378 ng/ml m

response 8502191

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
Data File : PD051329.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : PEM34
Misc :
ALS Vial : 3 Sample Multiplier: 1

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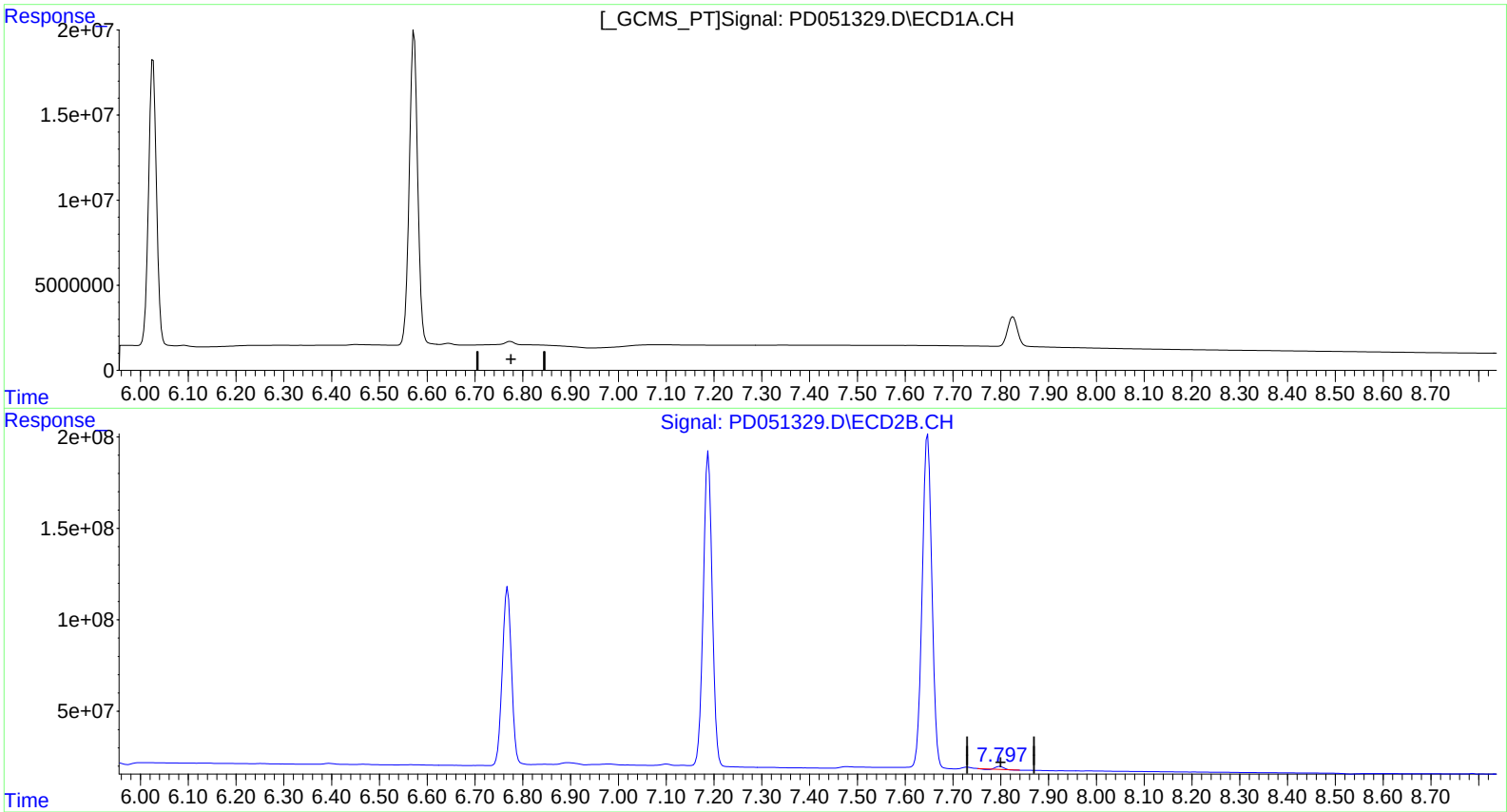
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM



QEdit

(21) Endrin ketone (B)

0.000min 0.000 ng/ml

response 0

(21) Endrin ketone #2 (B)

7.798min 0.639 ng/ml

response 15254759

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
Data File : PD051329.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Feb 2019 00:39
Operator : AJ\SJ
Sample : PEM34
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 04:50:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022219CLP.M
Quant Title : GC Extractables
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Response via : Initial Calibration
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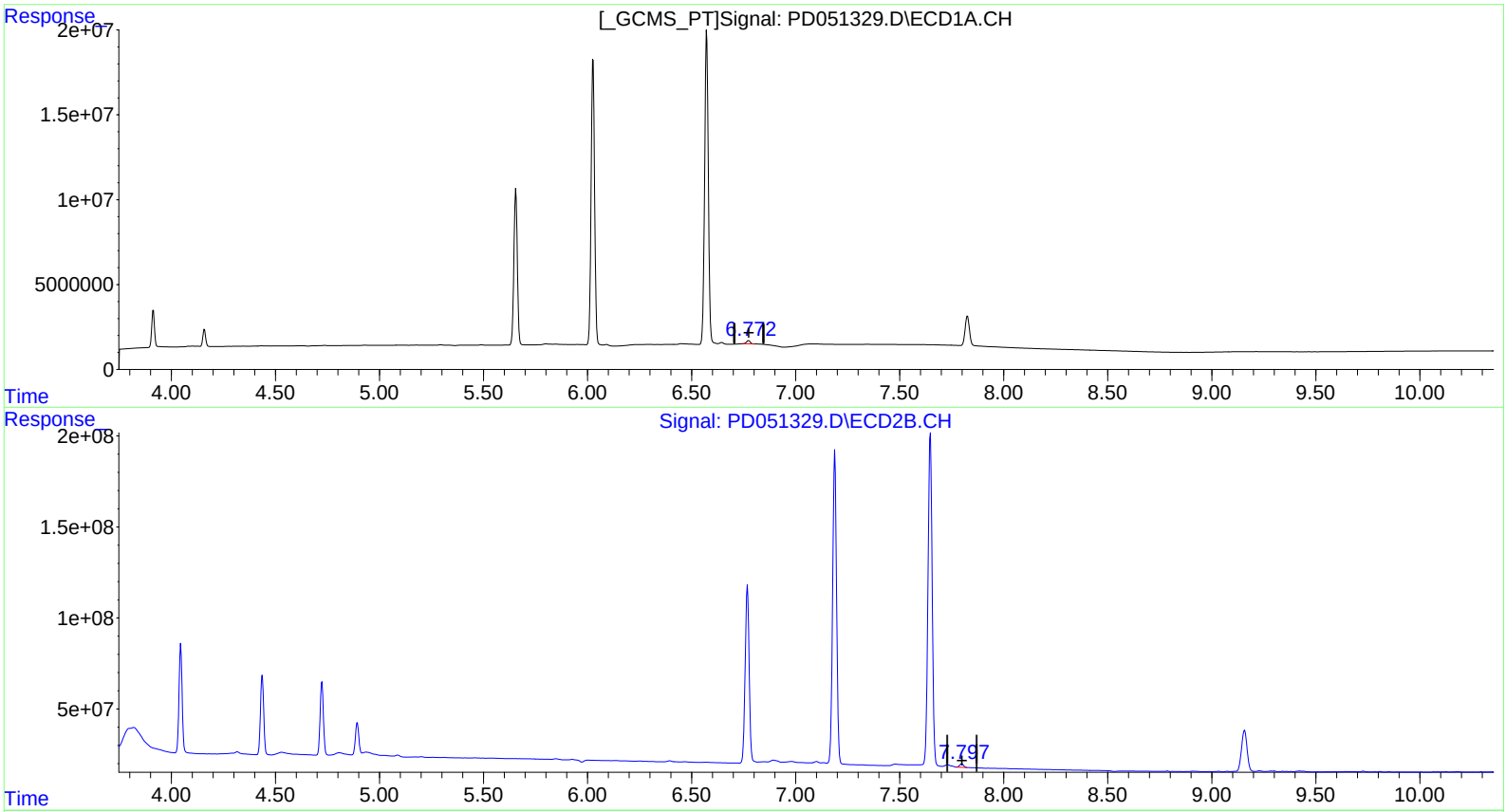
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(21) Endrin ketone (B)

6.772min 1.165 ng/ml m

response 2365596

(21) Endrin ketone #2 (B)

7.797min 1.073 ng/ml m

response 25614323

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022219\
Data File : PD051329.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Feb 2019 00:39
Operator : AJ\SJ
Sample : PEM34
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.225	4.045	28593975	617.0E6	19.898	19.972
27)	SA Decachlor...	7.826	9.157	25396459	416.5E6	21.117	21.971
	Target Compounds						
2)	A alpha-BHC	3.645	4.437	20325942	474.3E6	9.170	10.152
3)	MA gamma-BHC...	3.913	4.724	20144391	444.8E6	9.570	10.412
6)	B beta-BHC	4.159	4.893	9399530	204.1E6	9.831	10.289
12)	B 4,4'-DDE	5.292	6.394	338133	6578286	0.157m	0.201m#
14)	MA Endrin	5.655	6.768	104.8E6	1290.3E6	51.424	48.818
16)	A 4,4'-DDD	5.797	6.893	434526	12097865	0.247m	0.462m#
17)	MA 4,4'-DDT	6.027	7.188	194.4E6	2227.6E6	106.729	96.588
18)	B Endrin al...	6.090	7.099	676192	8502191	0.412m	0.378m
20)	A Methoxychlor	6.572	7.647	226.3E6	2557.5E6	245.076	241.592
21)	B Endrin ke...	6.772	7.797	2365596	25614323	1.165m	1.073m

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

Instrument :
ECD_D
LabSampleId :
PEM34

Manual Integrations APPROVED

Sohil

2/22/2019 9:28:10 AM

SJ
02/27/19