

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091418\
Data File : PD049205.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Sep 2018 10:03
Operator : AJ\SJ
Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

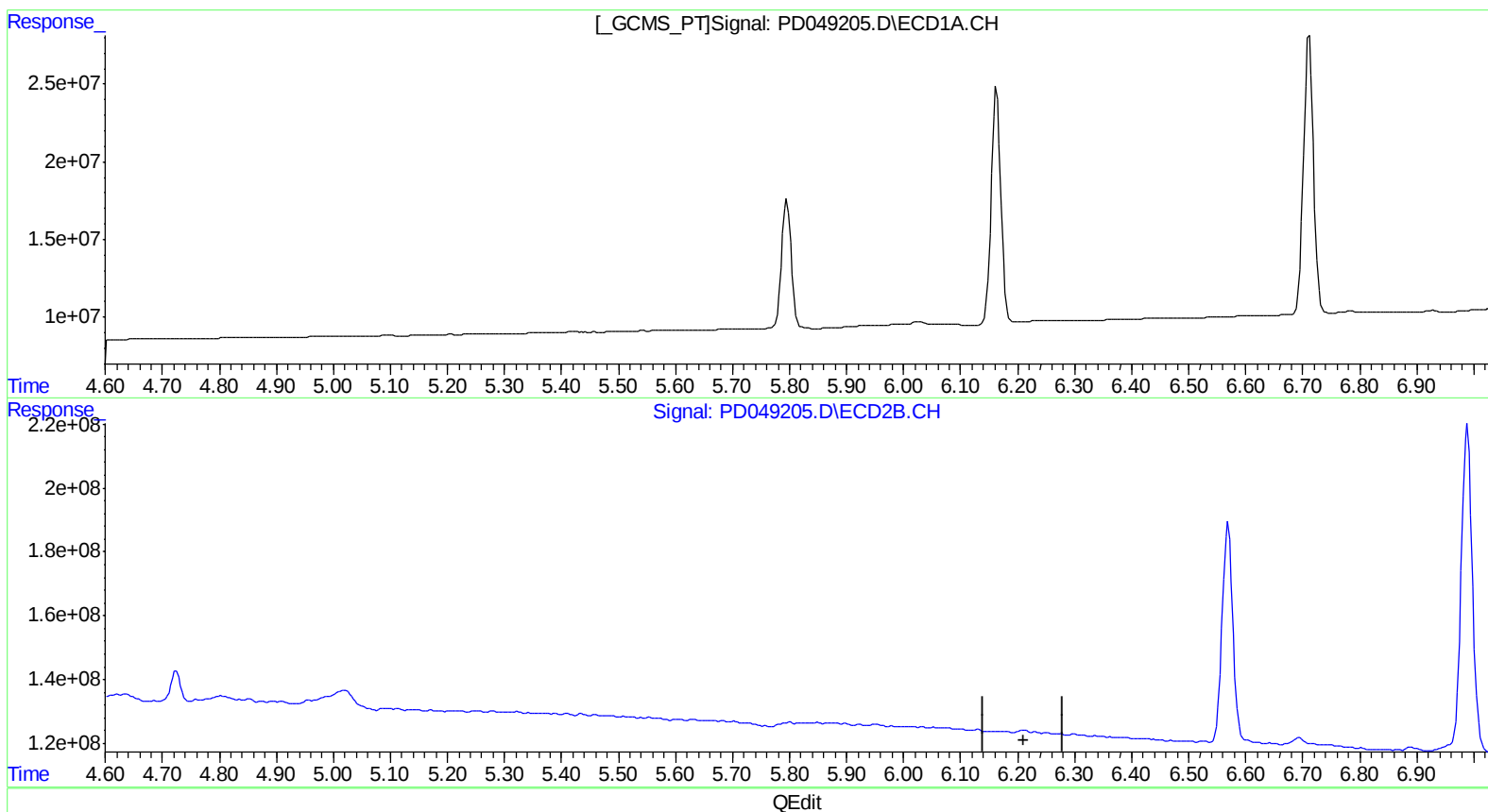
Instrument :
ECD_D
LabSampleId :
PEM50

Manual Integrations
APPROVED

Sohil
9/17/2018 11:09:12 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 00:56:55 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091418CLP.M
Quant Title : GC Extractables
QLast Update : Sat Sep 15 00:46:11 2018
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



(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

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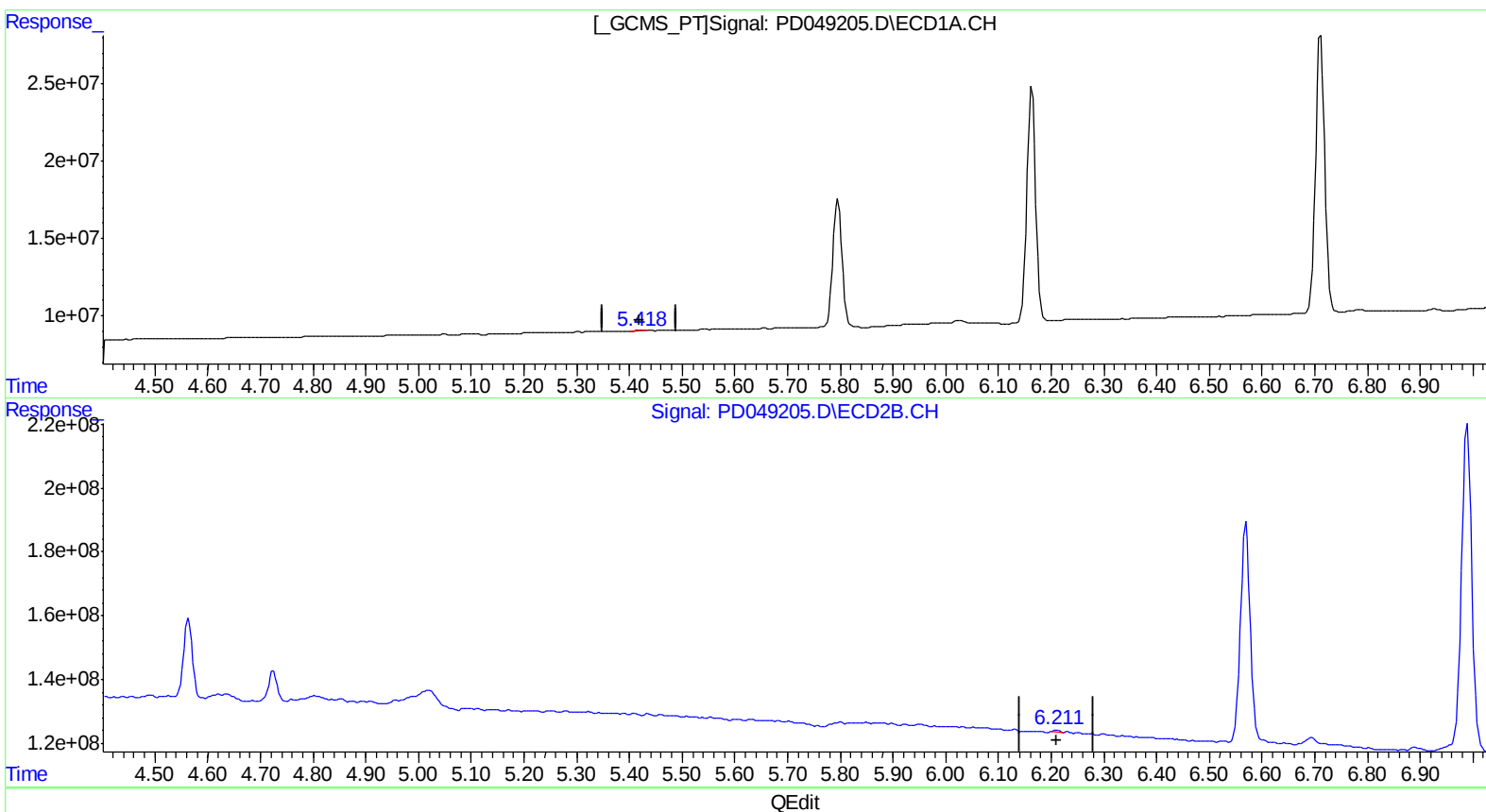
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(12) 4,4'-DDE (B)
5.418min 0.218 ng/ml m
response 448299

(12) 4,4'-DDE #2 (B)
6.211min 0.263 ng/ml m
response 4877986

(+) = Expected Retention Time

PD091418CLP.M Sat Sep 15 00:59:15 2018

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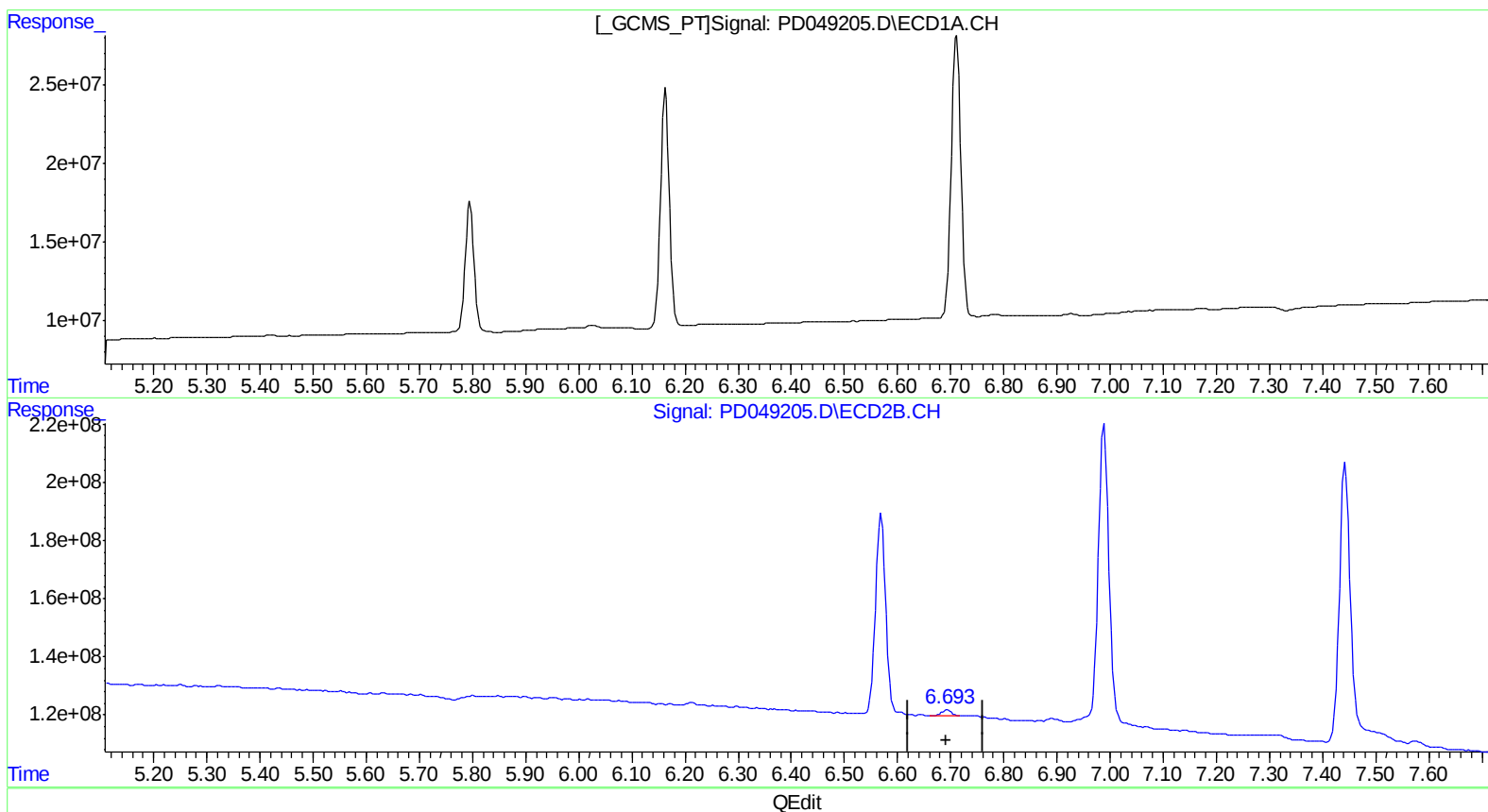
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.694min 1.859 ng/ml
response 25489297

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091418\
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Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

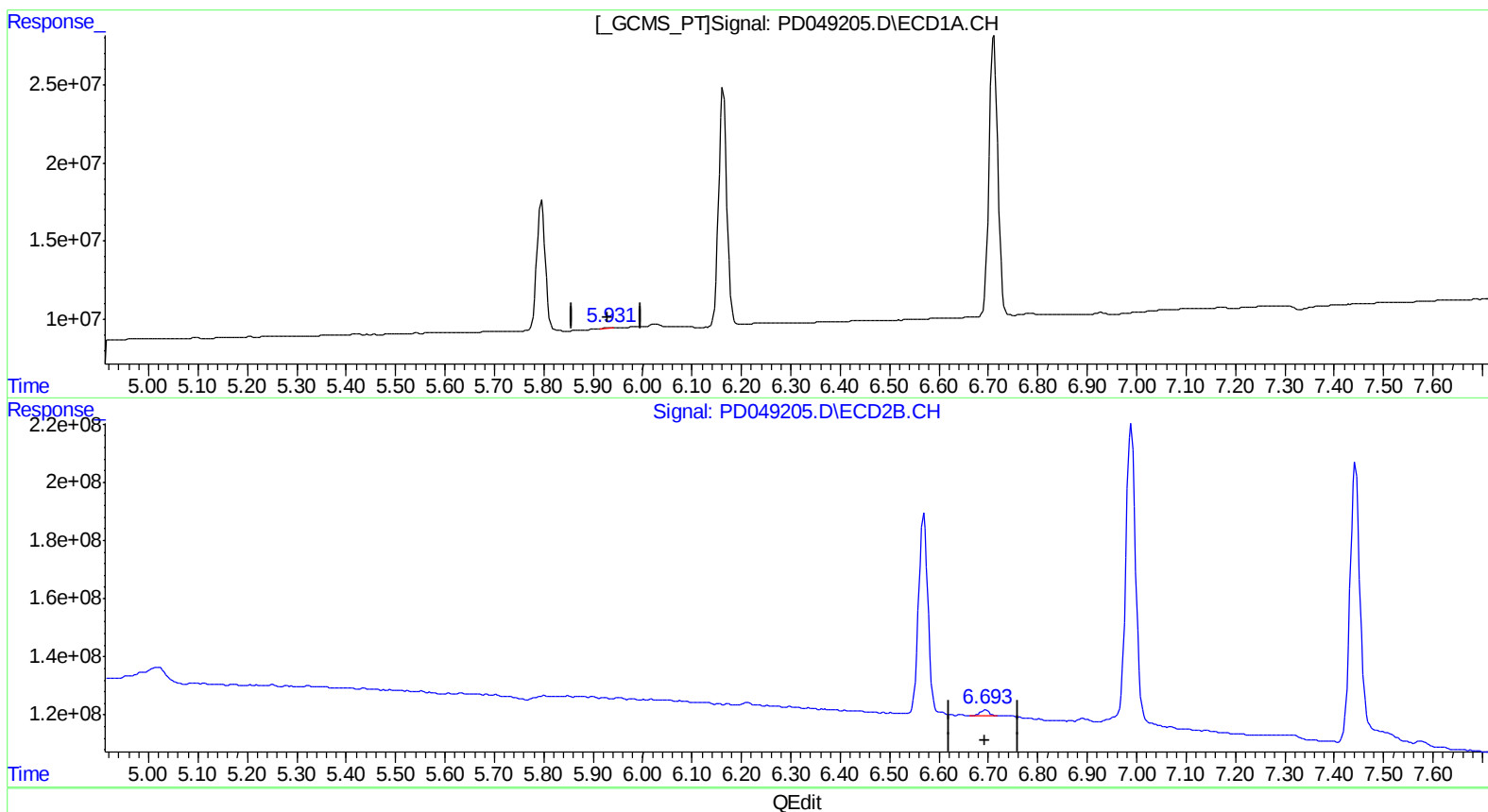
Instrument :
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LabSampleId :
PEM50

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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



(16) 4,4'-DDD (A)
5.931min 0.199 ng/ml m
response 354143

(16) 4,4'-DDD #2 (A)
6.694min 1.859 ng/ml
response 25489297

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091418\
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Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

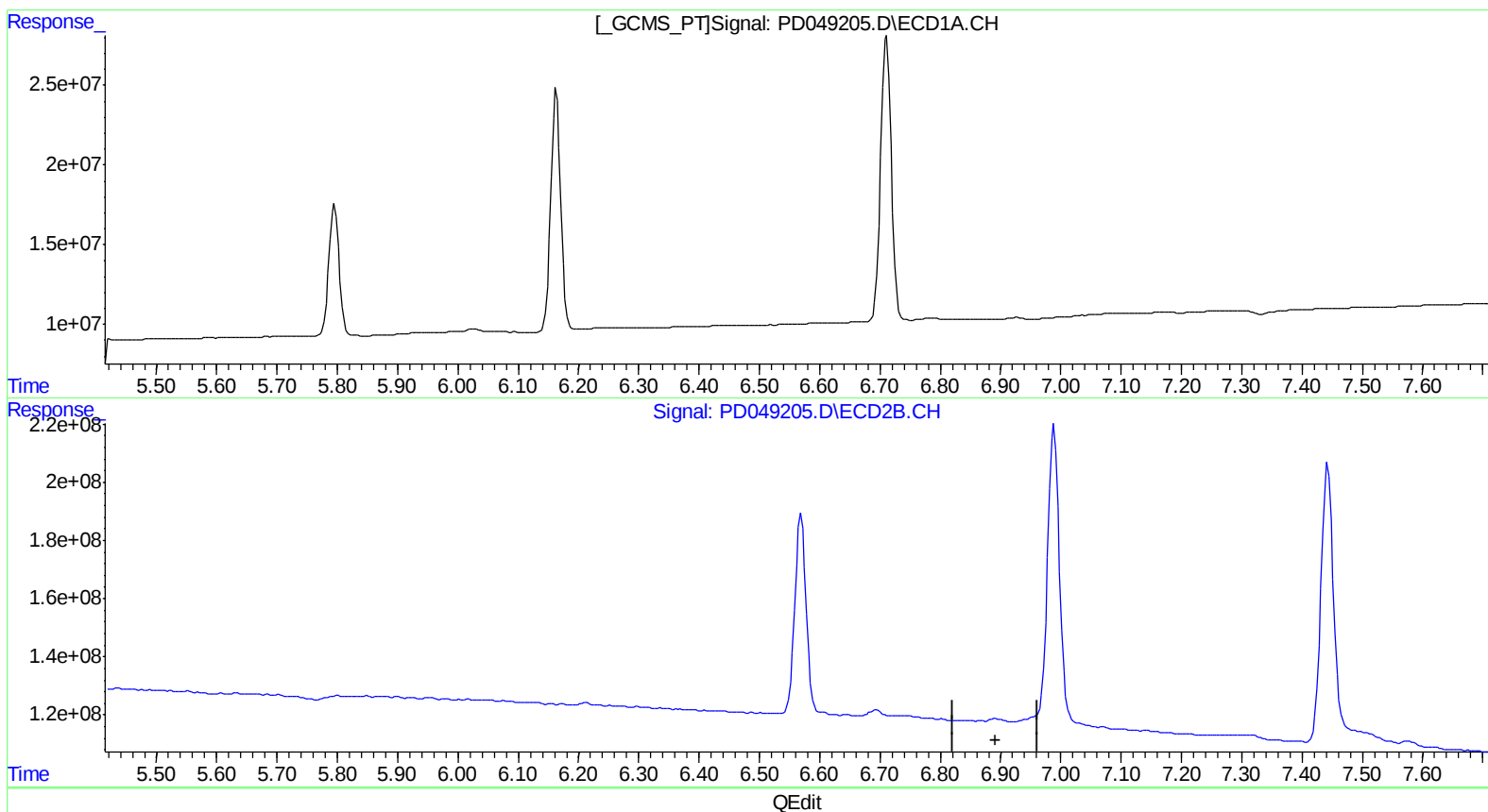
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

(+) = Expected Retention Time

PD091418CLP.M Sat Sep 15 00:59:55 2018

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Sample : PEM50
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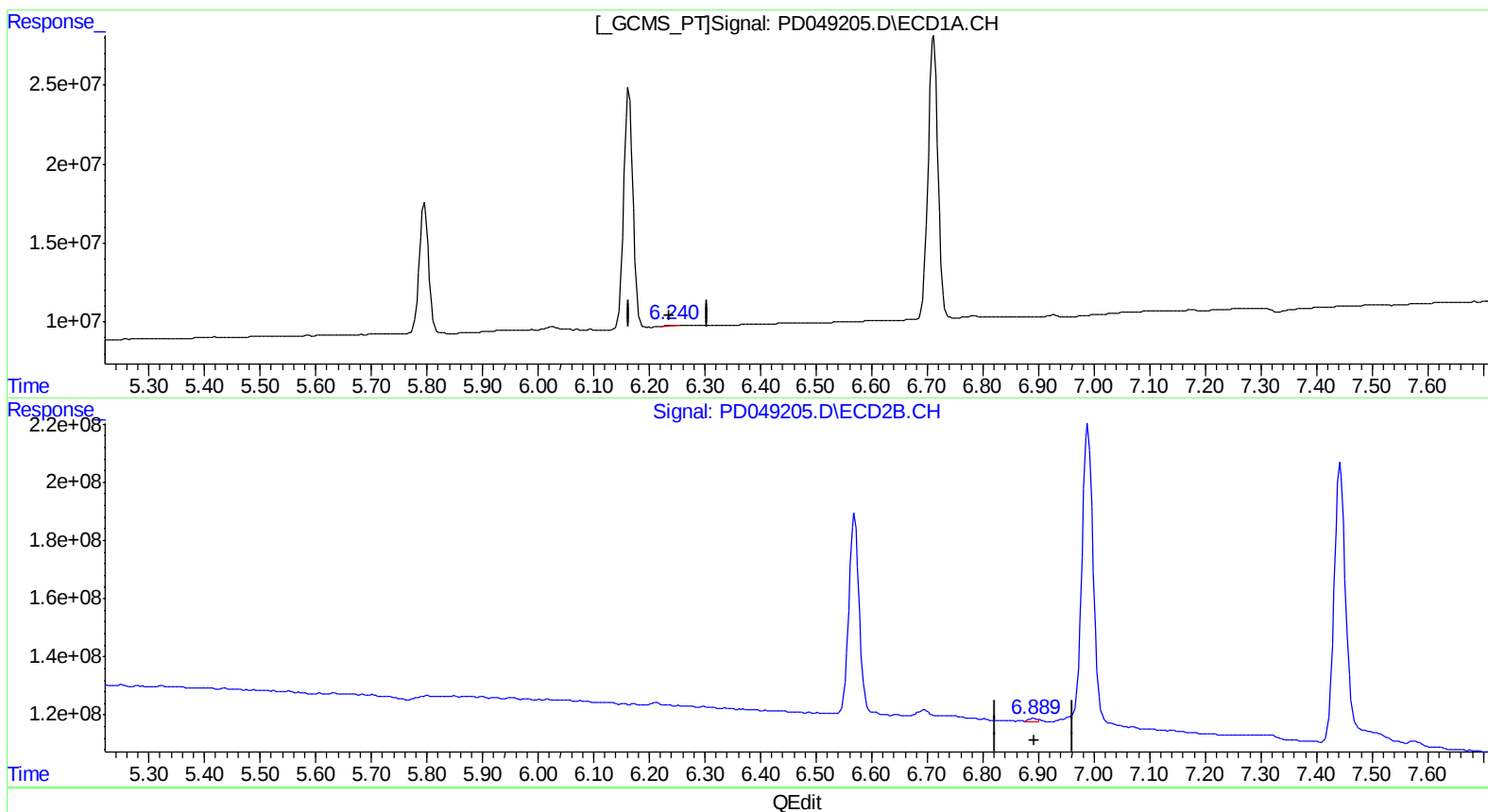
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.240min 0.423 ng/ml m

response 632576

(18) Endrin aldehyde #2 (B)

6.889min 0.742 ng/ml m

response 10044747

(+) = Expected Retention Time

PD091418CLP.M Sat Sep 15 01:00:27 2018

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Acq On : 14 Sep 2018 10:03
Operator : AJ\SJ
Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

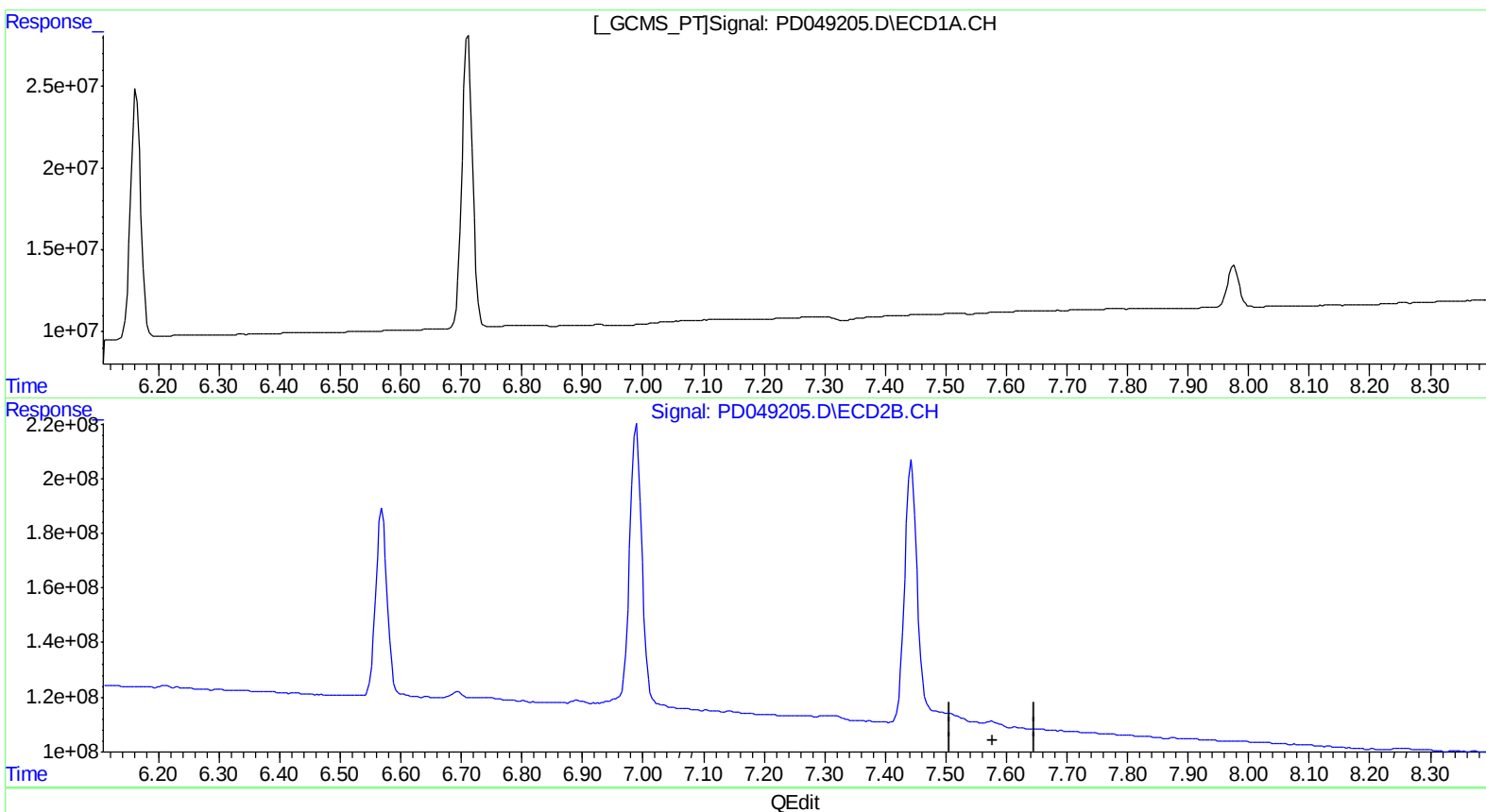
Instrument :
ECD_D
LabSampleId :
PEM50

Manual Integrations
APPROVED

Sohil
9/17/2018 11:09:12 AM

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Quant Title : GC Extractables
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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



(21) Endrin ketone (B)
0.000min 0.000 ng/ml
response 0

(21) Endrin ketone #2 (B)
0.000min 0.000 ng/ml
response 0

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 Acq On : 14 Sep 2018 10:03
 Operator : AJ\SJ
 Sample : PEM50
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

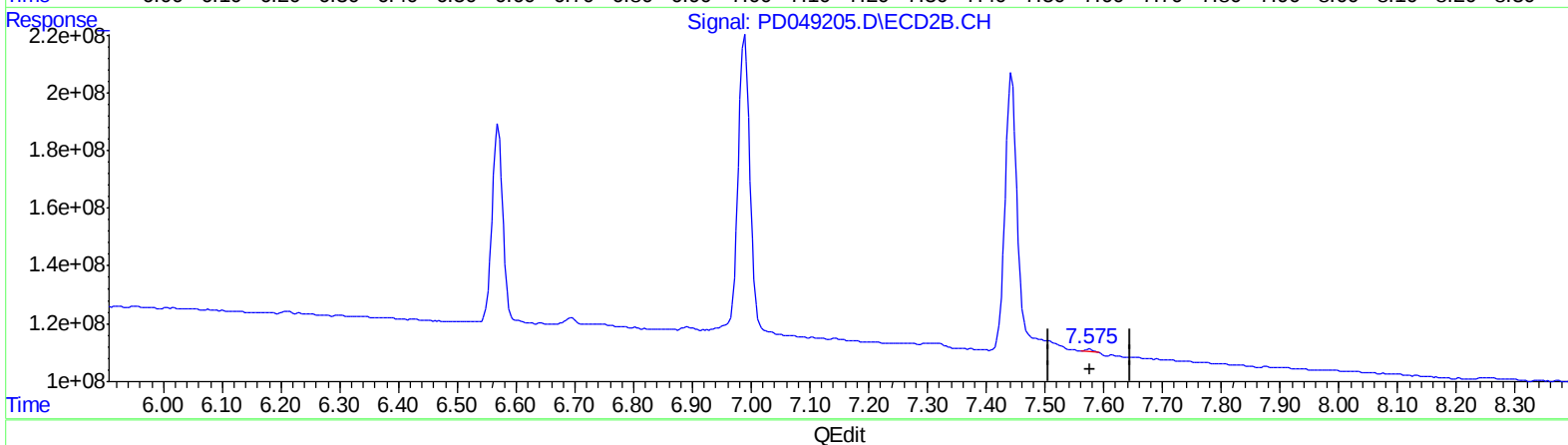
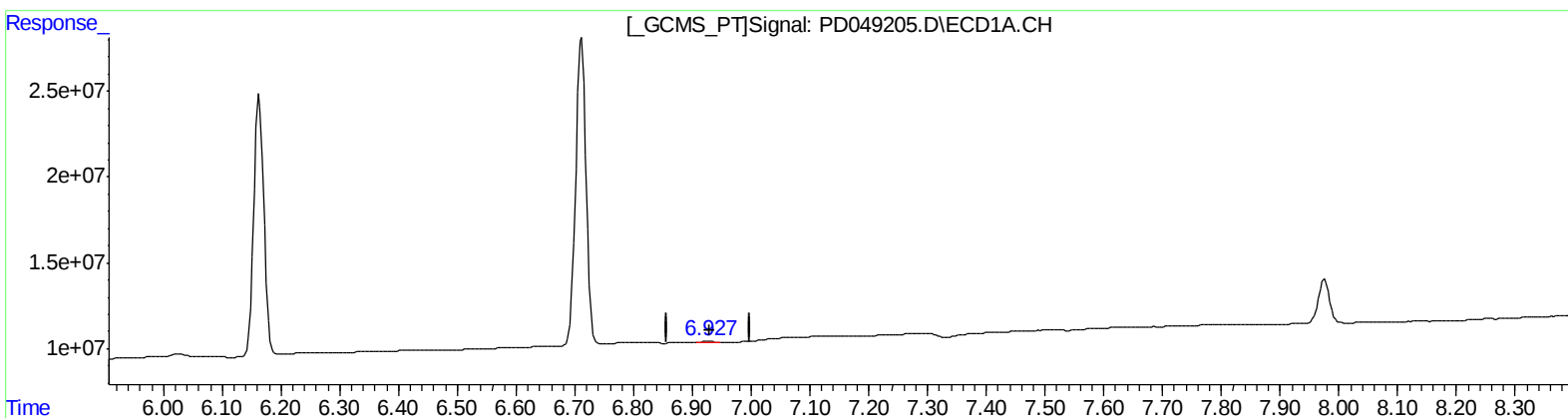
Instrument :
 ECD_D
 LabSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
 6.927min 0.579 ng/ml m
 response 1114849

(21) Endrin ketone #2 (B)
 7.575min 0.636 ng/ml m
 response 8993365

(+) = Expected Retention Time

PD091418CLP.M Sat Sep 15 01:01:02 2018

Page: 1

Quantitation Report (QT Reviewed)

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Manual Integrations
 APPROVED

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 9/17/2018 11:09:12 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30M x 0.32mm x 0.2 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...	3.314	3.908	28173852	359.3E6	19.496	19.561
27) SA Decachlor...	7.975	8.893	34243142	280.7E6	20.293	20.123
Target Compounds						
2) A alpha-BHC	3.741	4.285	23334514	293.0E6	9.798	9.809
3) MA gamma-BHC...	4.015	4.563	22734939	277.5E6	9.870	10.023
6) B beta-BHC	4.262	4.724	8384895	106.3E6	9.572	10.192
12) B 4,4'-DDE	5.418	6.211	448299	4877986	0.218m)	0.263m)
14) MA Endrin	5.796	6.569	97465563	876.4E6	51.555	50.311
16) A 4,4'-DDD	5.931	6.694	354143	25489297	0.199m)	1.859 #
17) MA 4,4'-DDT	6.163	6.989	179.3E6	1344.5E6	98.296	97.246
18) B Endrin al...	6.240	6.889	632576	10044747	0.423m)	0.742m#)
20) A Methoxychlor	6.711	7.443	220.5E6	1328.3E6	245.176	252.710
21) B Endrin ke...	6.927	7.575	1114849	8993365	0.579m)	0.636m)

SS 9/18/18

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