

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
 Data File : PD049101.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Sep 2018 14:59
 Operator : AJ\SJ
 Sample : PEM43
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

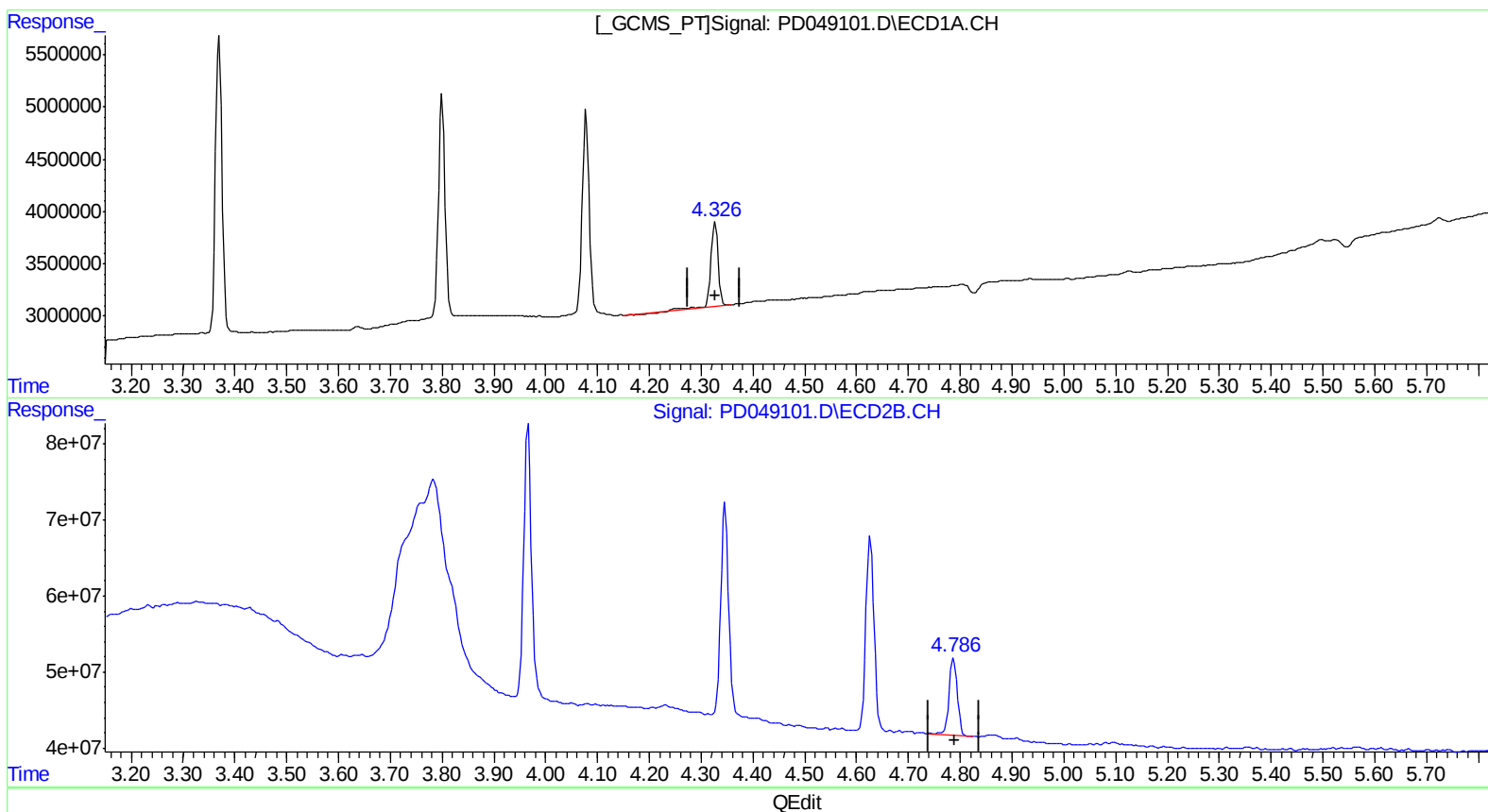
Instrument :
 ECD_D
 LabSampleId :
 PEM43

Manual Integrations
 APPROVED

Sohil
 9/7/2018 9:31:32 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 02:01:48 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081618CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 16 13:32:25 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



(6) beta-BHC (B)
 4.327min 9.888 ng/ml
 response 7347290

(6) beta-BHC #2 (B)
 4.788min 10.774 ng/ml
 response 112999601

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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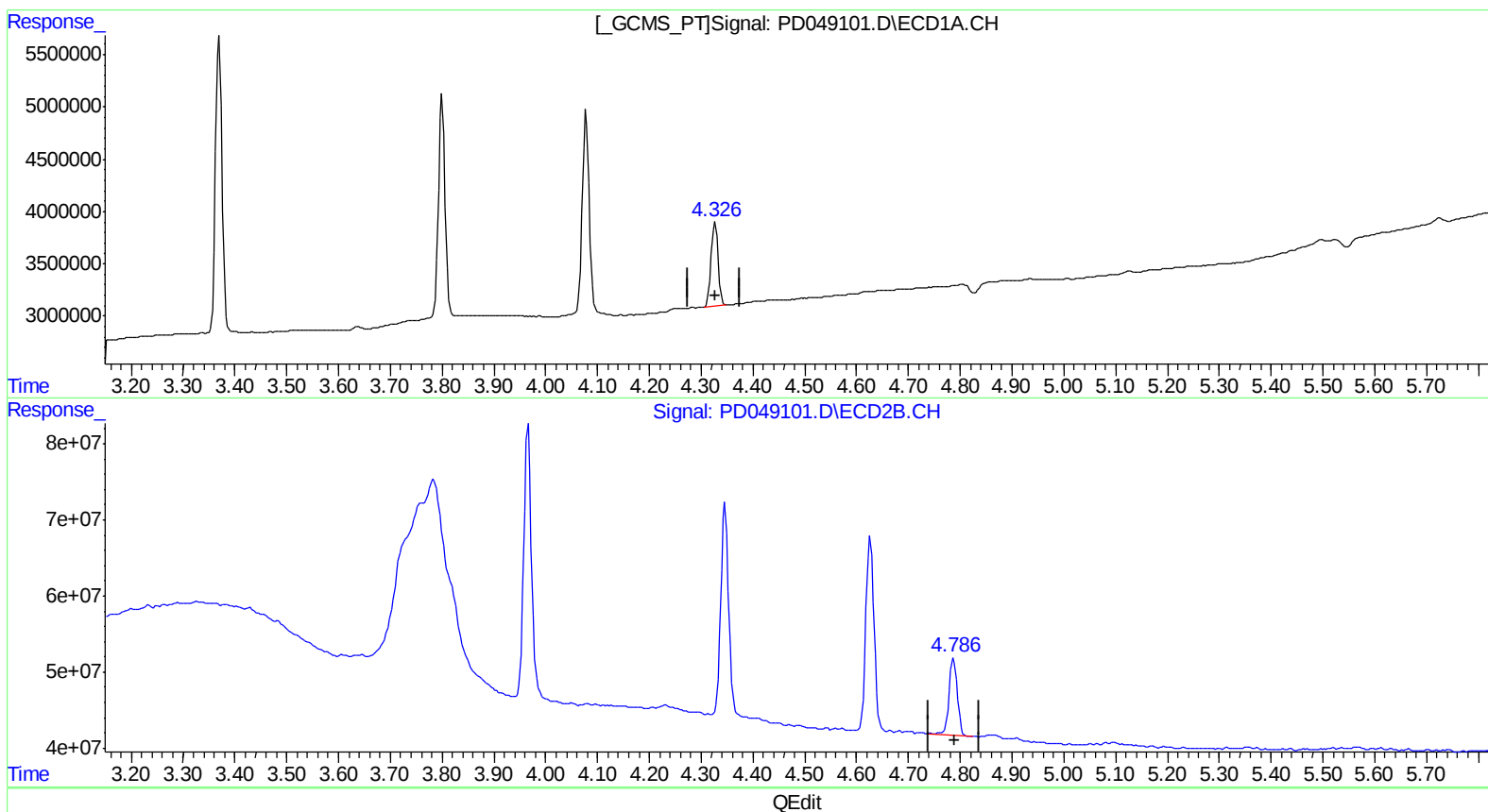
Instrument :
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LabSampleId :
PEM43

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



(6) beta-BHC (B)
4.326min 10.066 ng/ml m
response 7479172

(6) beta-BHC #2 (B)
4.788min 10.774 ng/ml
response 112999601

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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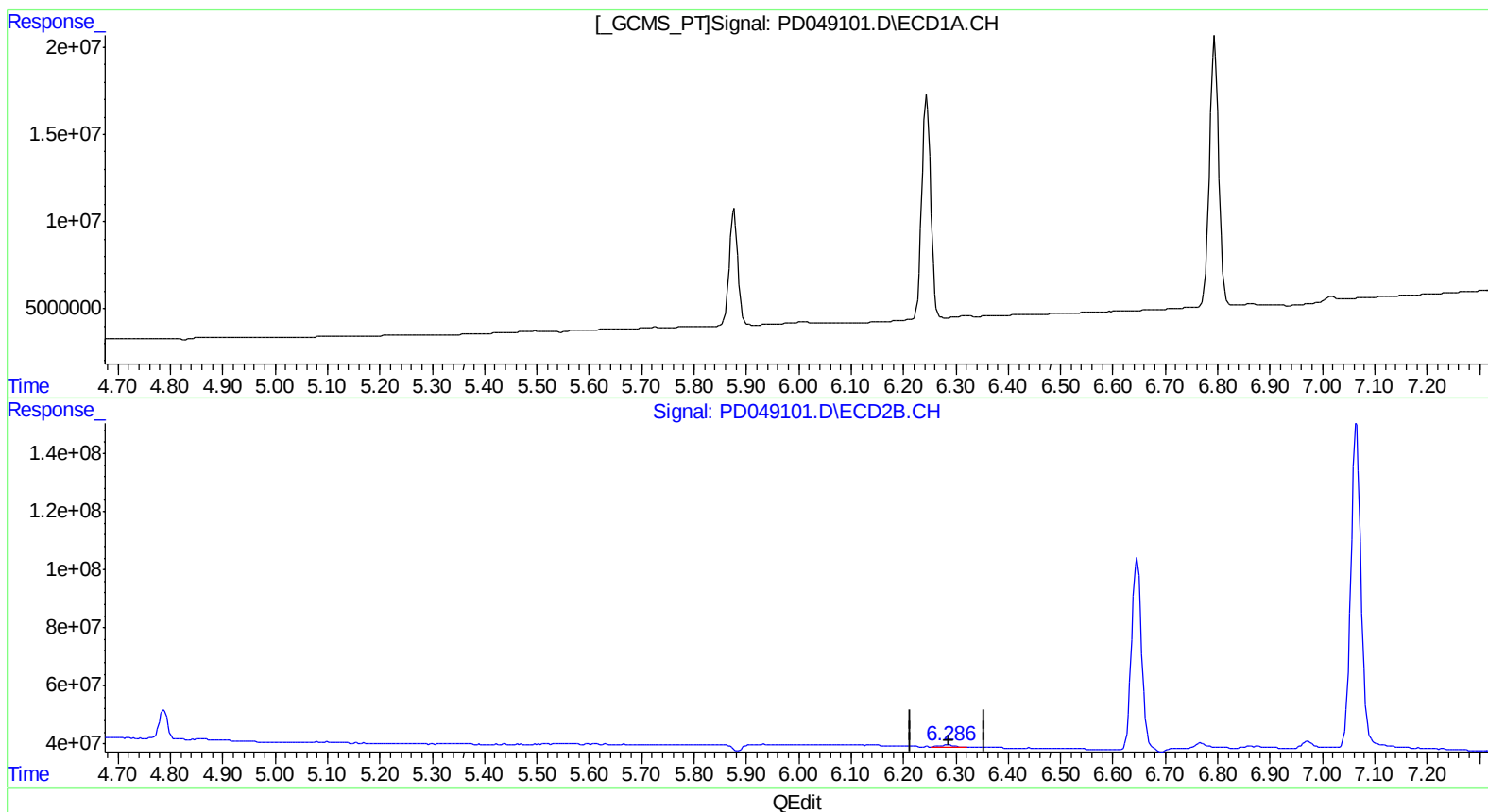
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
6.286min 0.513 ng/ml
response 10403223

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
Data File : PD049101.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Sep 2018 14:59
Operator : AJ\SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

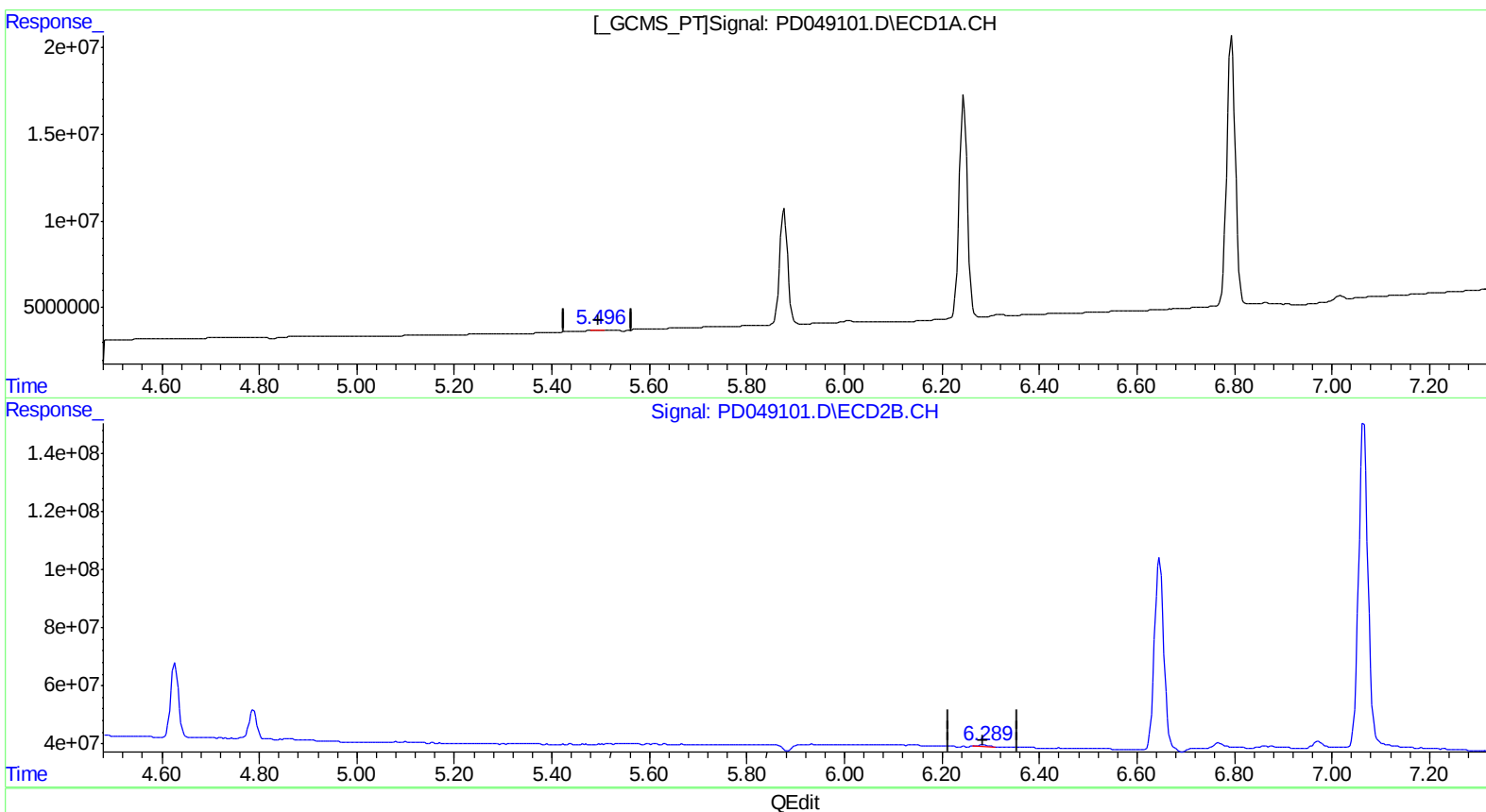
Instrument :
ECD_D
LabSampleId :
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.496min 0.163 ng/ml m
response 271656

(12) 4,4'-DDE #2 (B)
6.289min 0.353 ng/ml m
response 7148261

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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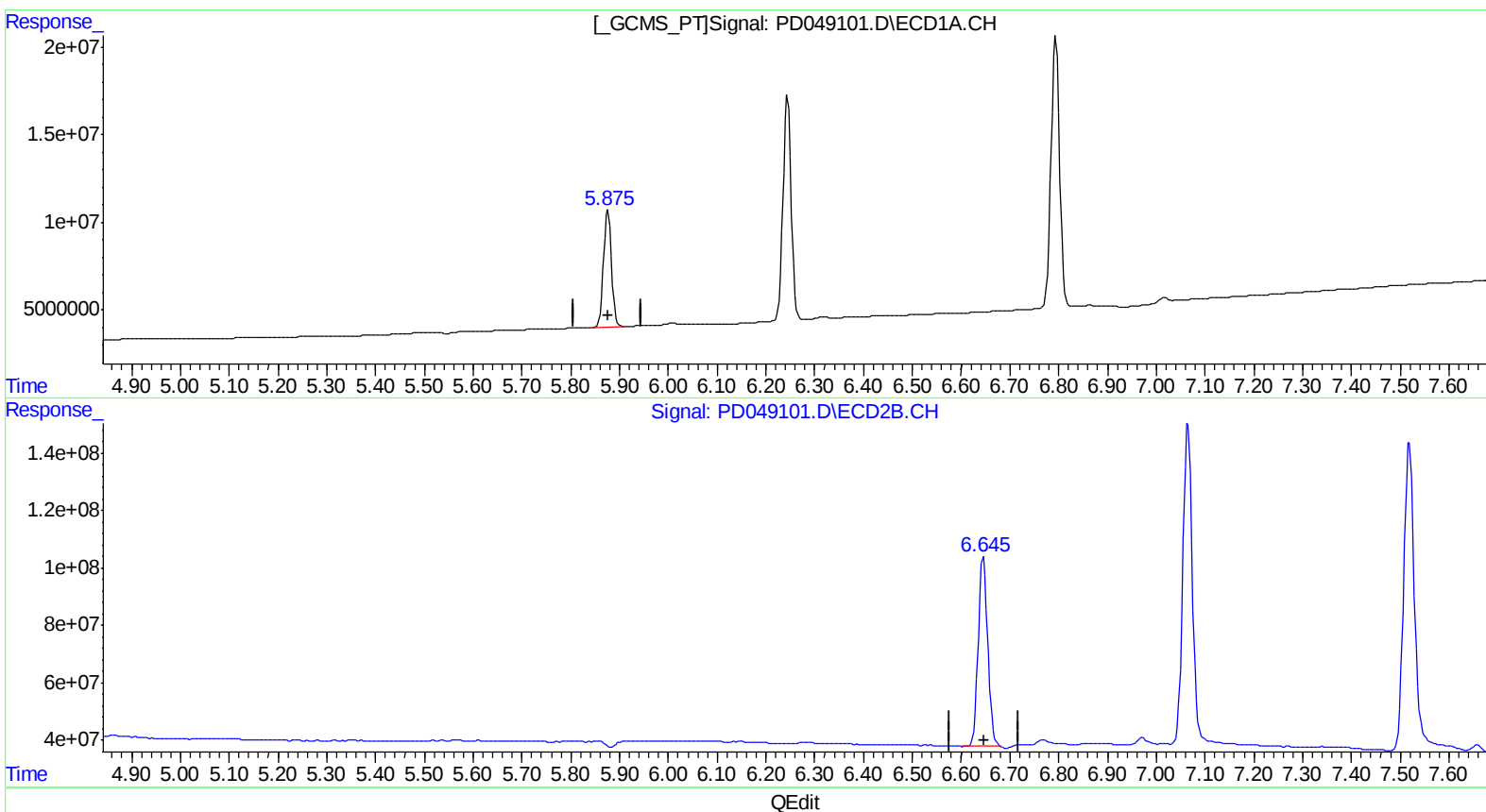
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ECD_D
LabSampleId :
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)
5.877min 48.852 ng/ml
response 76746778

(14) Endrin #2 (MA)
6.646min 49.990 ng/ml
response 890204291

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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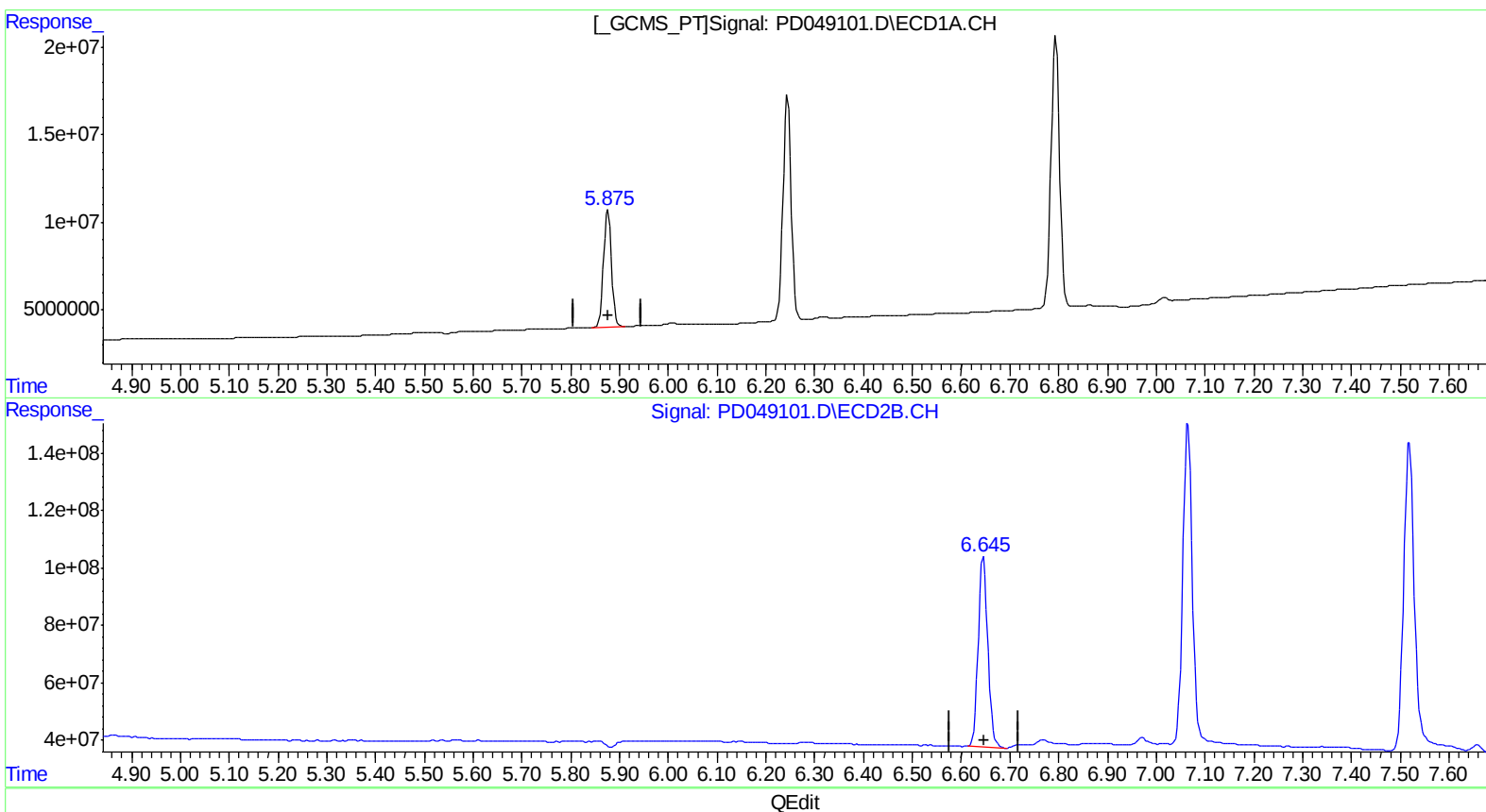
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)
5.877min 48.852 ng/ml
response 76746778

(14) Endrin #2 (MA)
6.645min 50.977 ng/ml m
response 907778134

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
Data File : PD049101.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : PEM43
Misc :
ALS Vial : 3 Sample Multiplier: 1

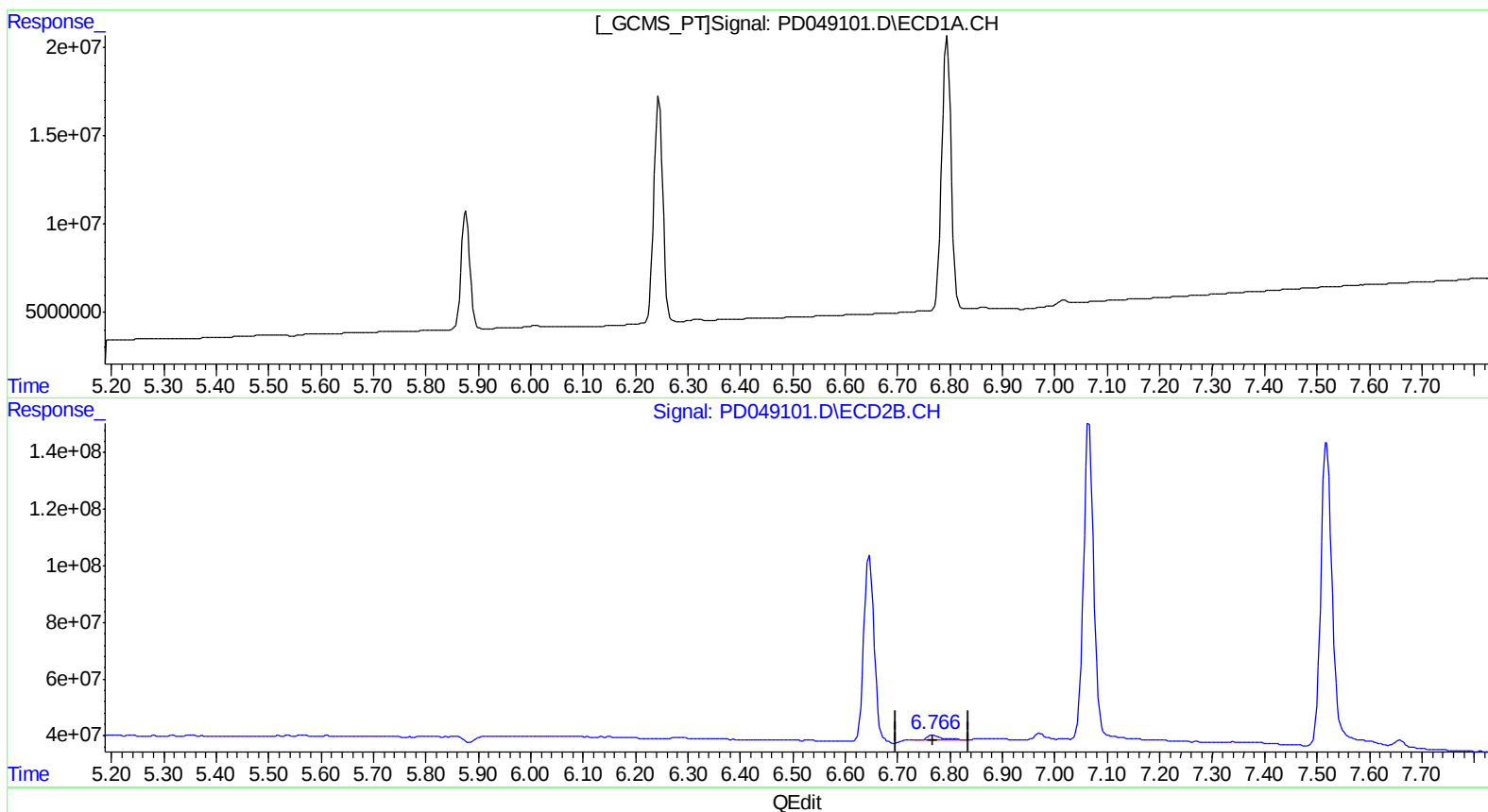
Instrument :
ECD_D
LabSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

(16) 4,4'-DDD #2 (A)
6.768min 2.104 ng/ml
response 31896650

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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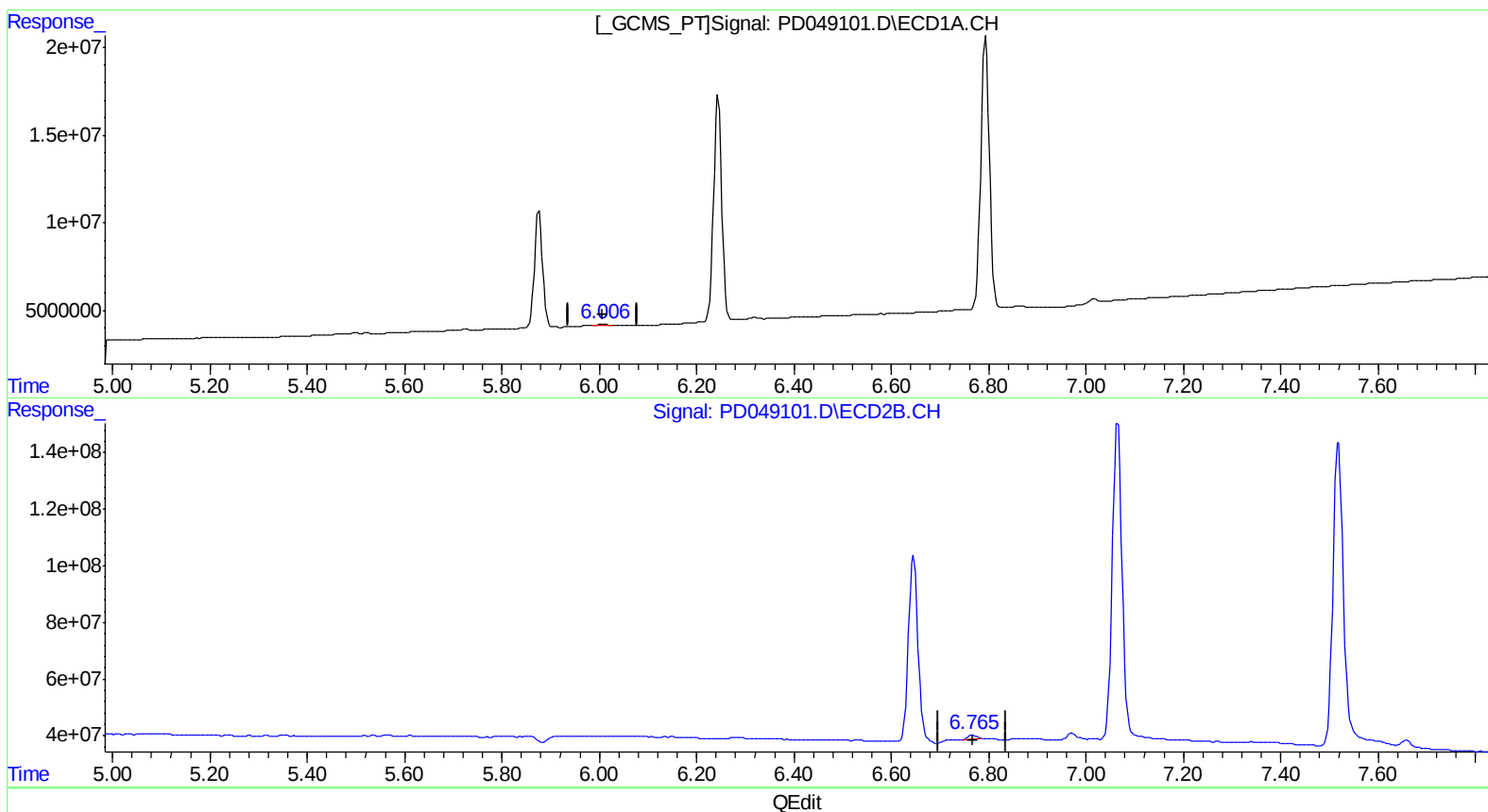
Instrument :
ECD_D
LabSampleId :
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Manual Integrations
APPROVED

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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)
6.006min 0.673 ng/ml m
response 959597

(16) 4,4'-DDD #2 (A)
6.765min 1.157 ng/ml m
response 17544492

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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Sample : PEM43
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ALS Vial : 3 Sample Multiplier: 1

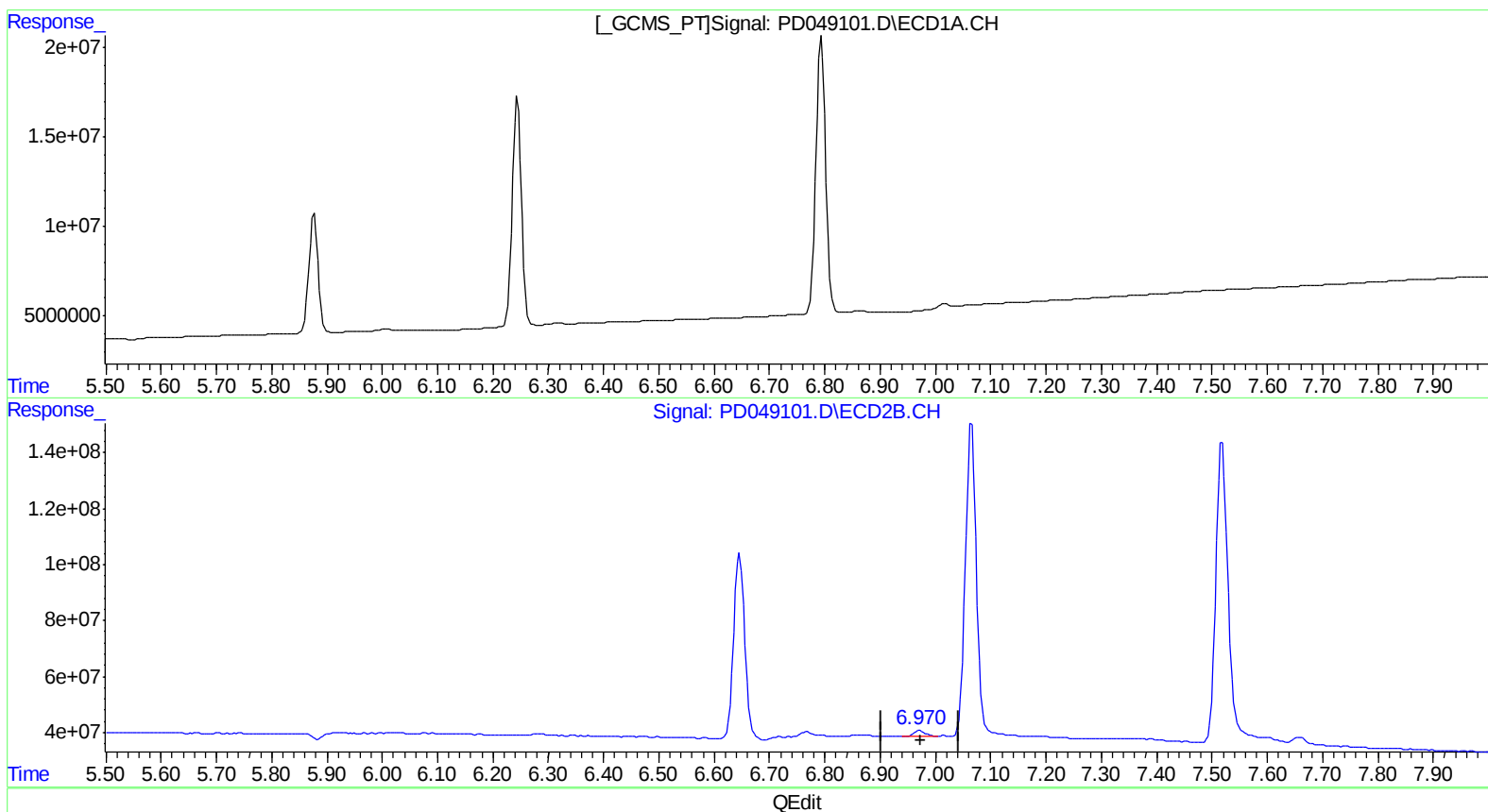
Instrument :
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LabSampleId :
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)
0.000min 0.000 ng/ml
response 0

(18) Endrin aldehyde #2 (B)
6.972min 2.026 ng/ml
response 30113930

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Operator : AJ\SJ
Sample : PEM43
Misc :
ALS Vial : 3 Sample Multiplier: 1

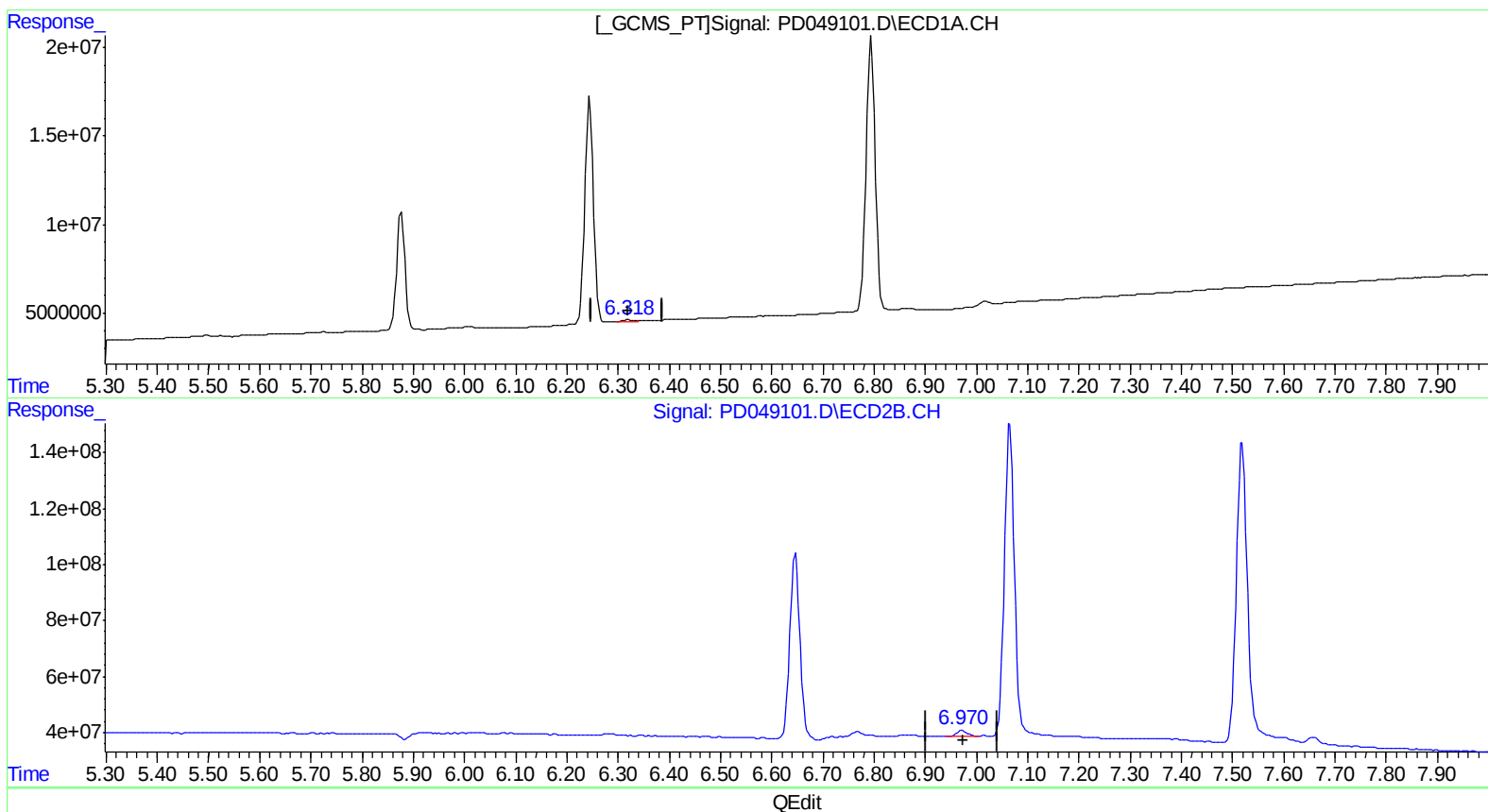
Instrument :
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LabSampleId :
PEM43

Manual Integrations
APPROVED

Sohil
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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



(18) Endrin aldehyde (B)
6.318min 0.976 ng/ml m
response 1210013

(18) Endrin aldehyde #2 (B)
6.972min 2.026 ng/ml
response 30113930

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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Sample : PEM43
Misc :
ALS Vial : 3 Sample Multiplier: 1

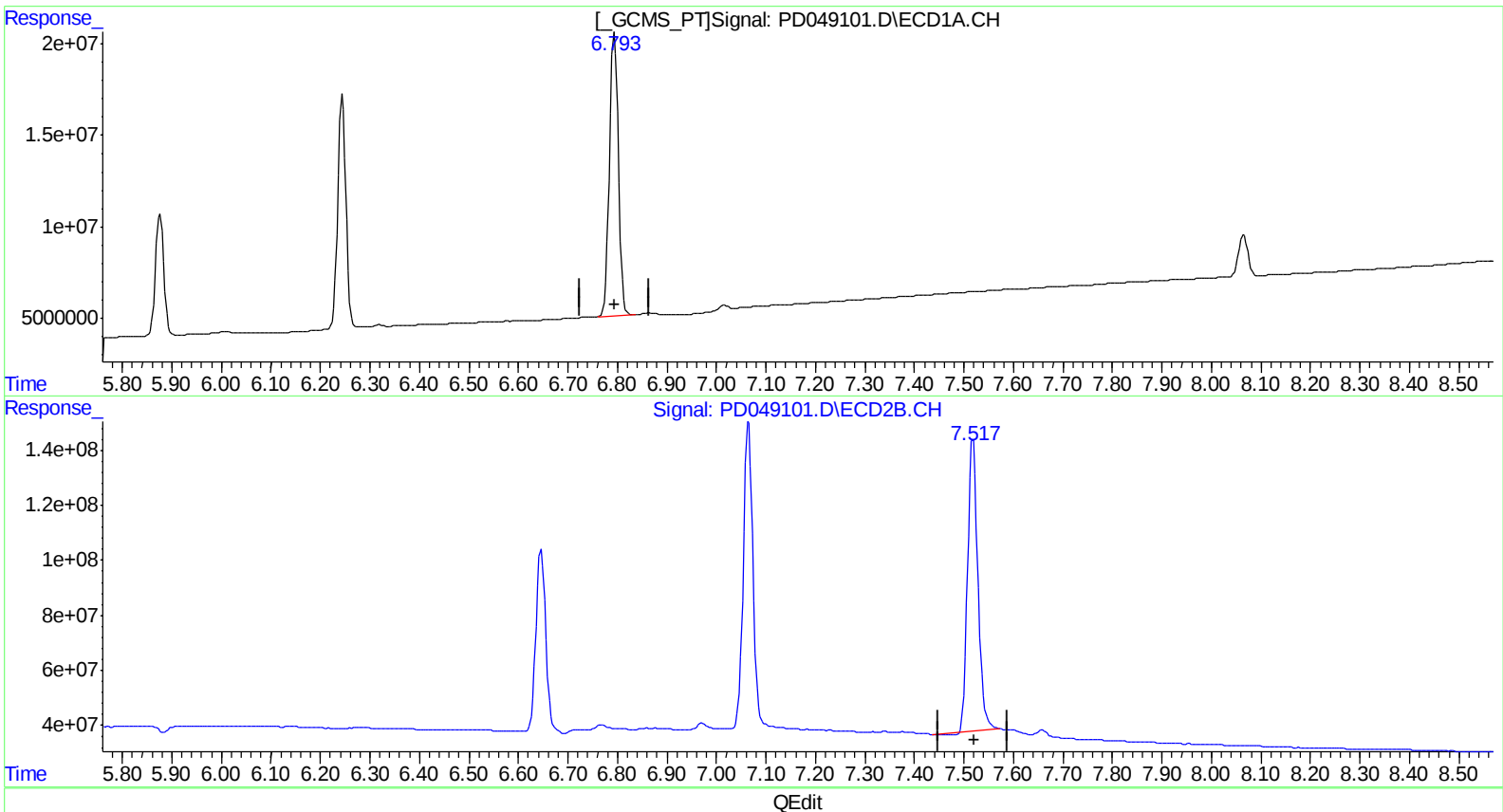
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(20) Methoxychlor (A)
6.794min 244.416 ng/ml
response 190411095

(20) Methoxychlor #2 (A)
7.519min 223.515 ng/ml
response 1530172595

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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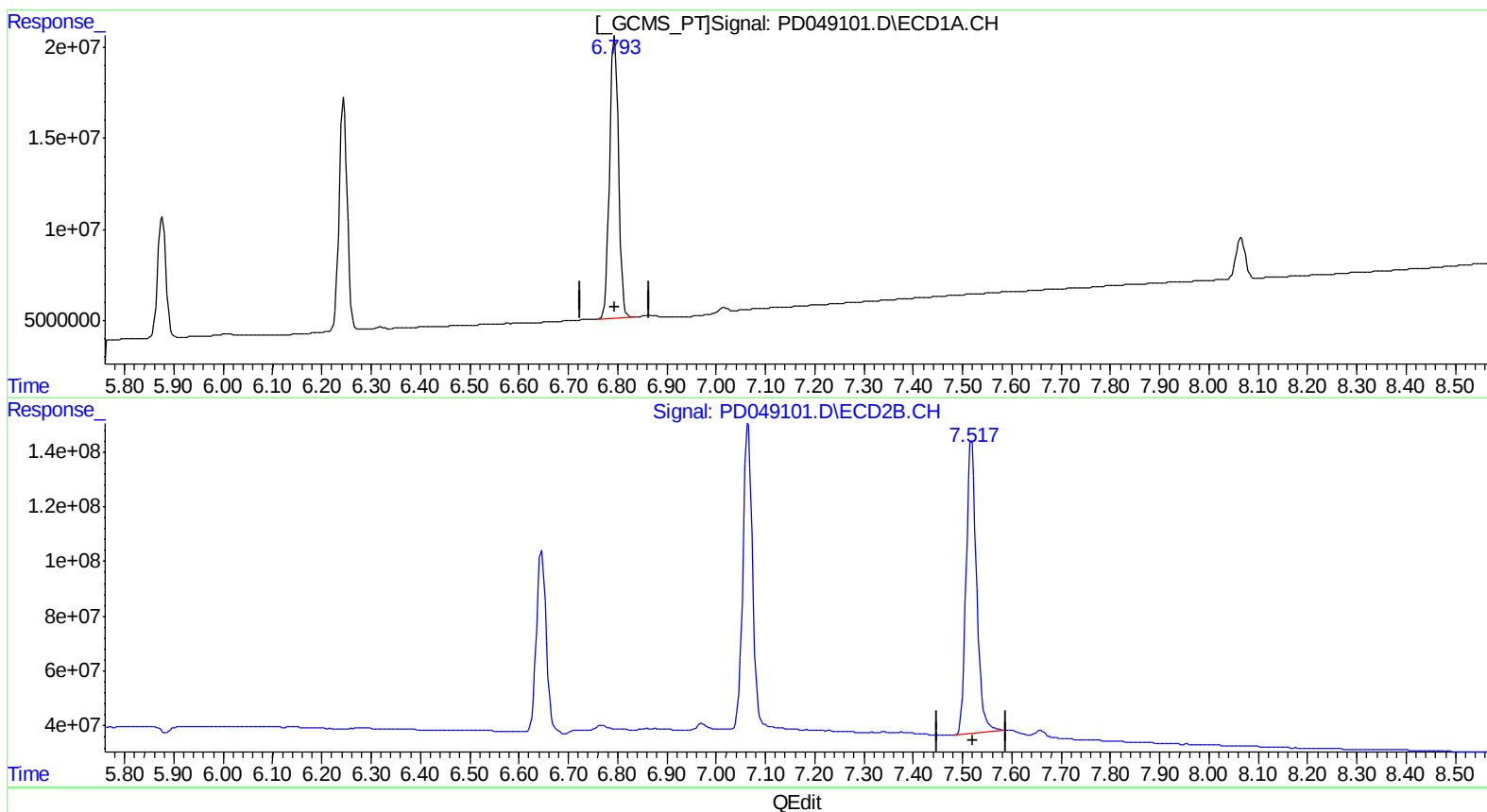
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(20) Methoxychlor (A)
6.794min 244.416 ng/ml
response 190411095

(20) Methoxychlor #2 (A)
7.517min 232.725 ng/ml m
response 1593223541

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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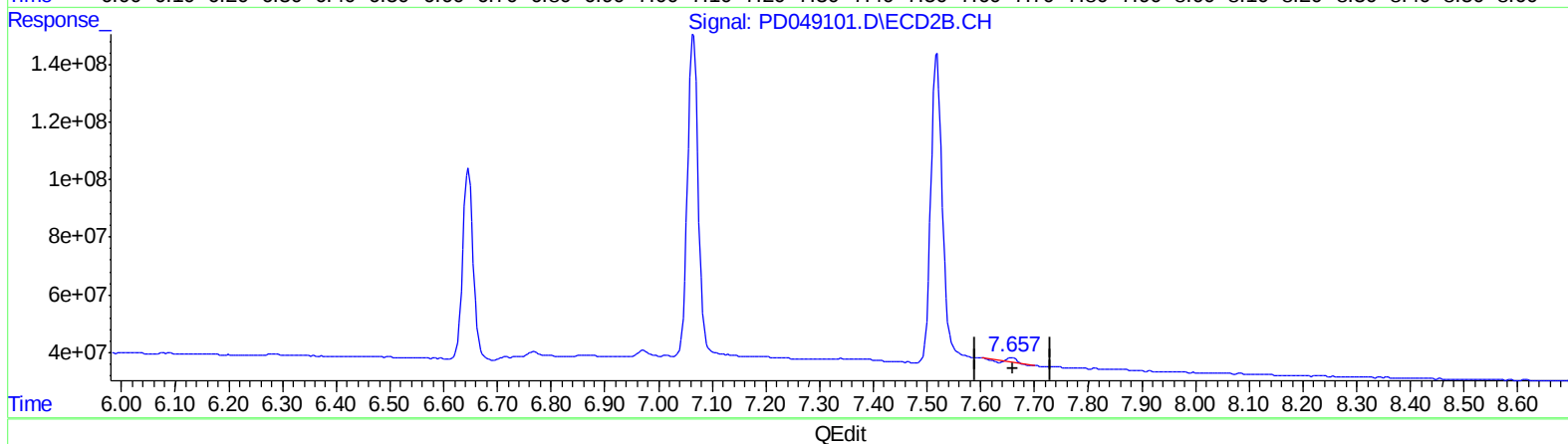
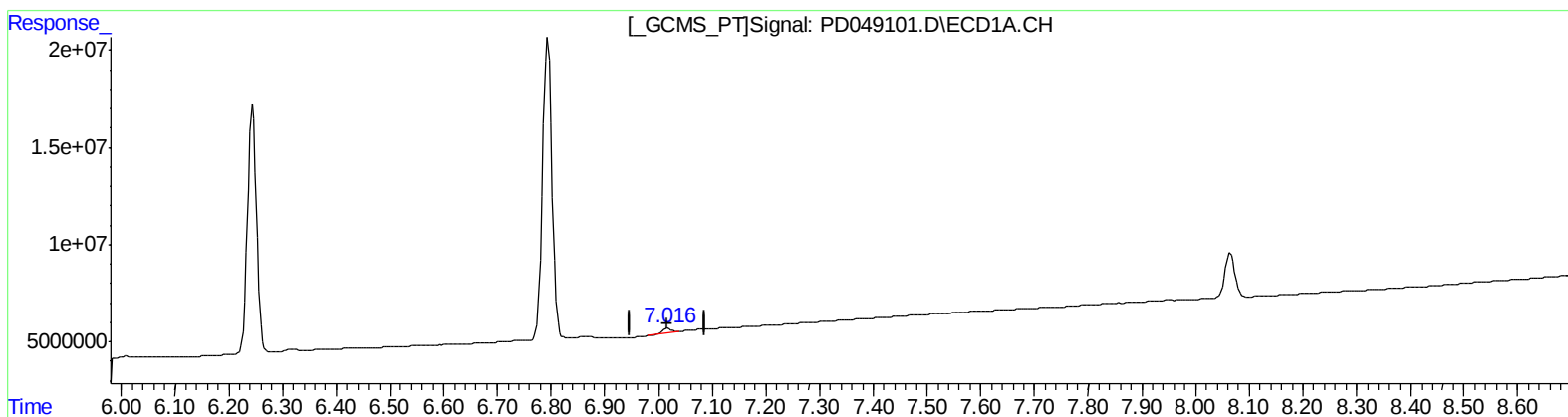
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

7.017min 1.567 ng/ml

response 2629644

(21) Endrin ketone #2 (B)

7.658min 0.734 ng/ml

response 12158336

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090518\
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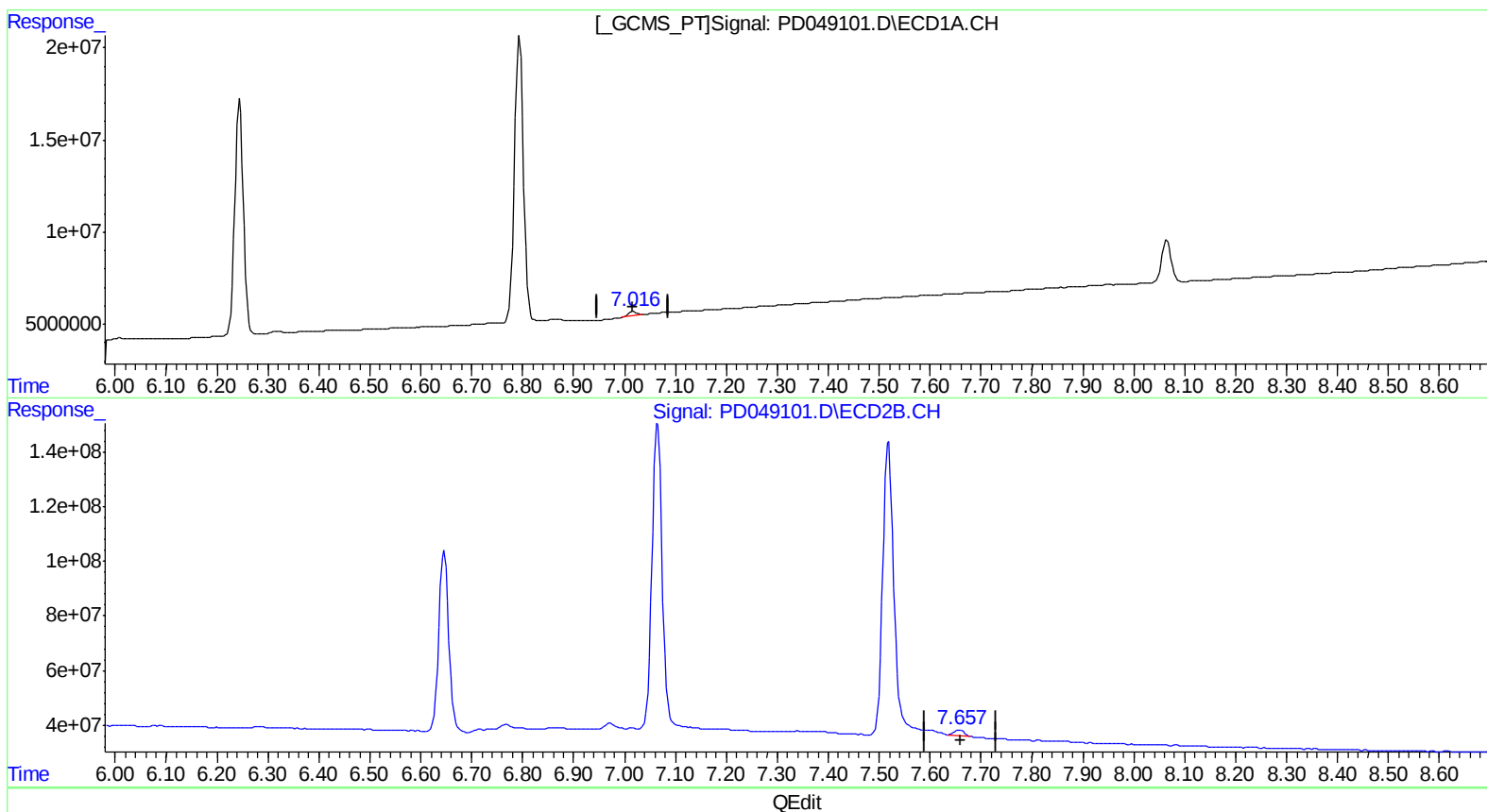
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
7.016min 1.692 ng/ml m
response 2839999

(21) Endrin ketone #2 (B)
7.657min 1.596 ng/ml m
response 26425009

Quantitation Report (QT Reviewed)

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Manual Integrations
 APPROVED

Sohil
 9/7/2018 9:31:32 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 03:09:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081618CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 16 13:32:25 2018
 Response via : Initial Calibration
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Volume Inj. : 1 ul
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 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...	3.370	3.966	24578866	372.7E6	20.138	21.196
27) SA Decachlor...	8.065	8.991	29899471	361.2E6	20.765	22.313
Target Compounds						
2) A alpha-BHC	3.800	4.346	19143519	289.1E6	9.907	10.648
3) MA gamma-BHC...	4.078	4.627	18188206	274.9E6	9.786	10.722
6) B beta-BHC	4.326	4.788	7479172	113.0E6	10.066m	10.774
12) B 4,4'-DDE	5.496	6.289	271656	7148261	0.163m	0.353m#
14) MA Endrin	5.877	6.645	76746778	907.8E6	48.852	50.977m
16) A 4,4'-DDD	6.006	6.765	959597	17544492	0.673m	1.157m#
17) MA 4,4'-DDT	6.245	7.065	149.9E6	1532.7E6	101.505	95.057
18) B Endrin al...	6.318	6.972	1210013	30113930	0.976m	2.026 #
20) A Methoxychlor	6.794	7.517	190.4E6	1593.2E6	244.416	232.725m
21) B Endrin ke...	7.016	7.657	2839999	26425009	1.692m	1.596m

SJ 09/08/18

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