

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049281.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Sep 2018 18:16
Operator : AJ\SJ
Sample : PEM06
Misc :
ALS Vial : 3 Sample Multiplier: 1

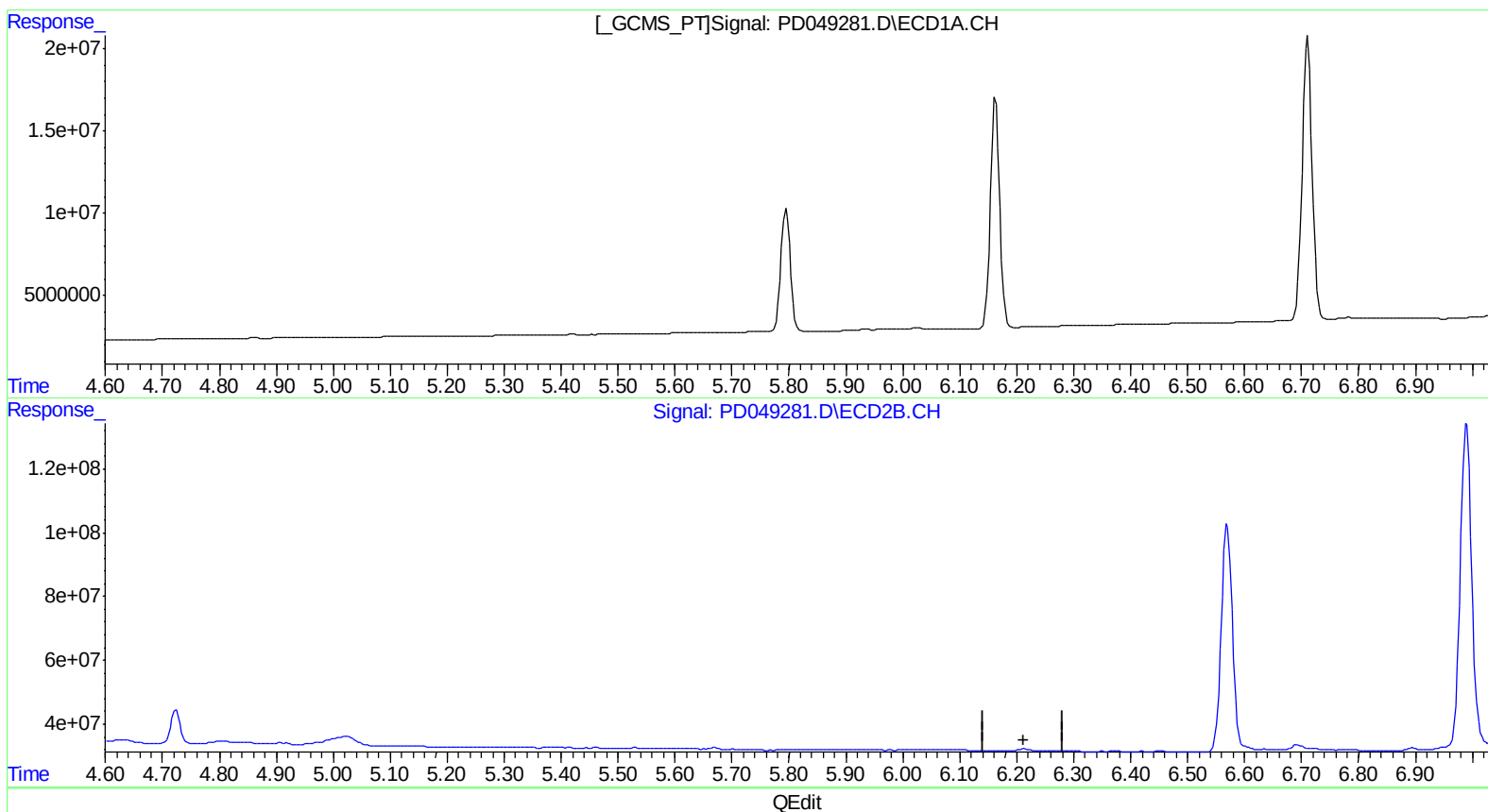
Instrument :
ECD_D
LabSampleId :
PEM06

Manual Integrations
APPROVED

Sohil
9/24/2018 11:52:17 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 04:47:32 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091918CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 20 04:32:05 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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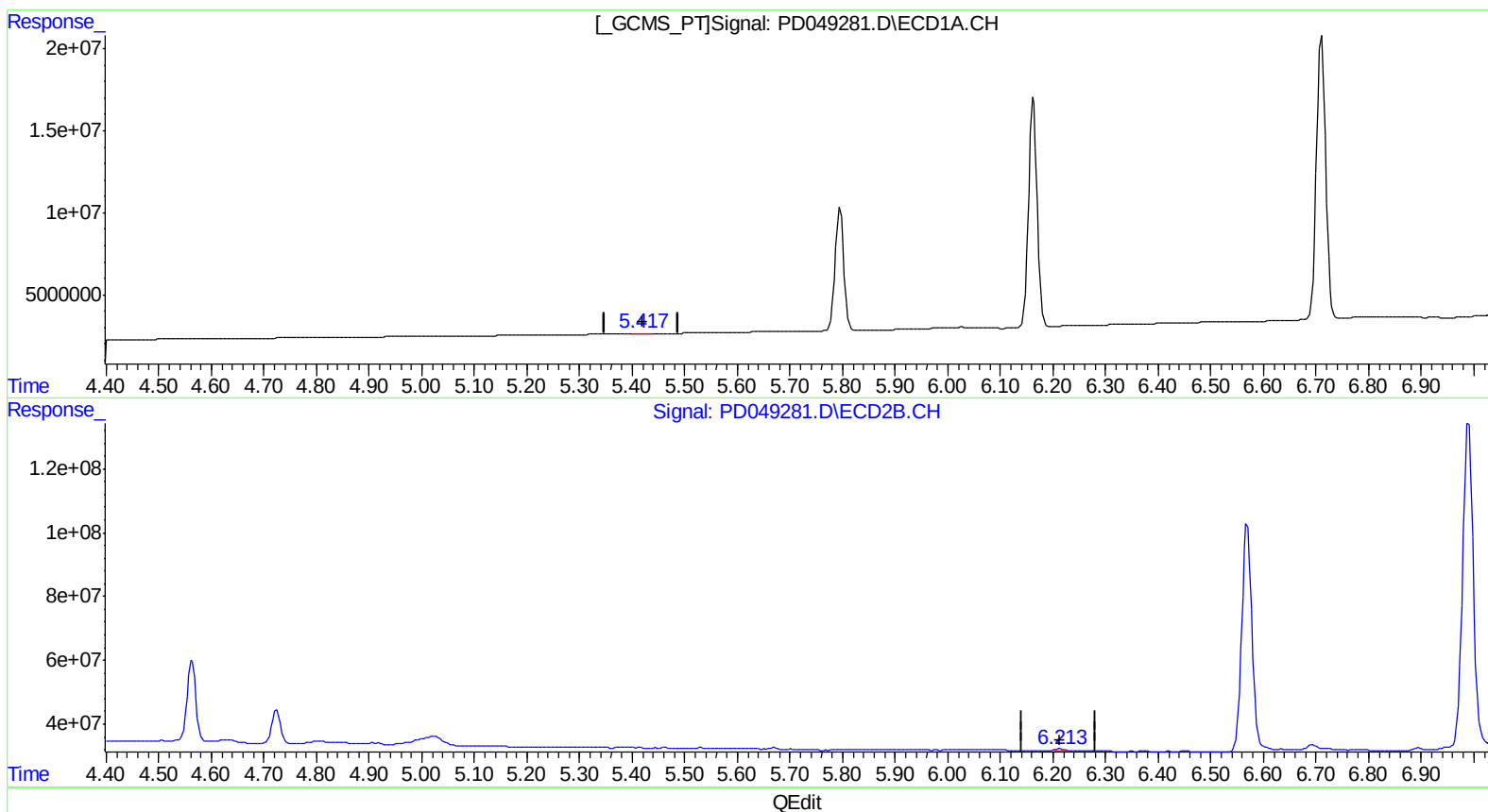
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(12) 4,4'-DDE (B)
5.417min 0.198 ng/ml m
response 361069

(12) 4,4'-DDE #2 (B)
6.213min 0.203 ng/ml m
response 3880045

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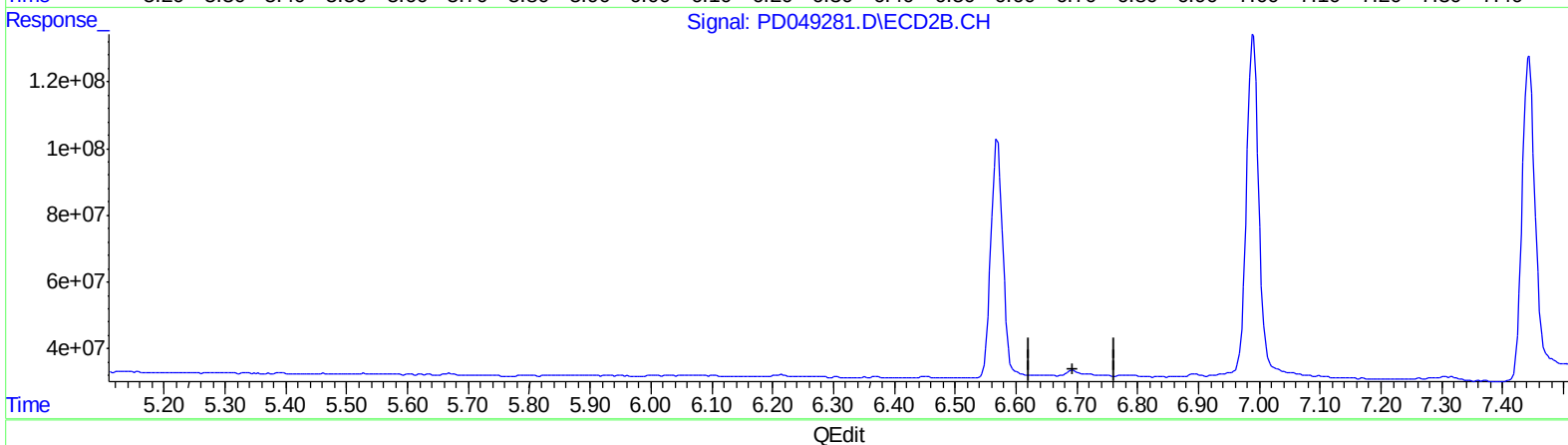
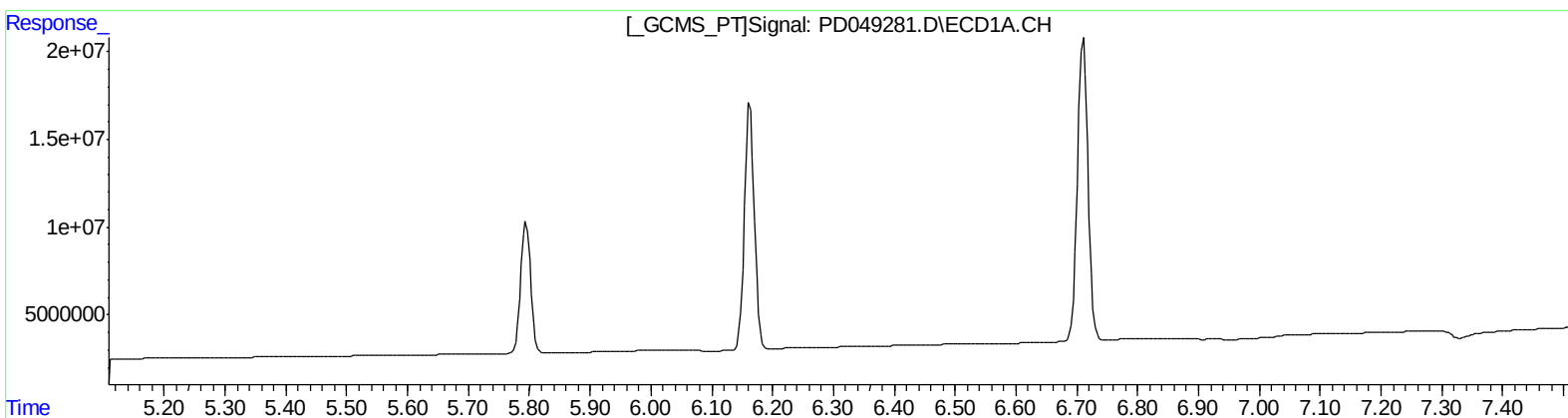
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

(16) 4,4'-DDD #2 (A)
0.000min 0.000 ng/ml
response 0

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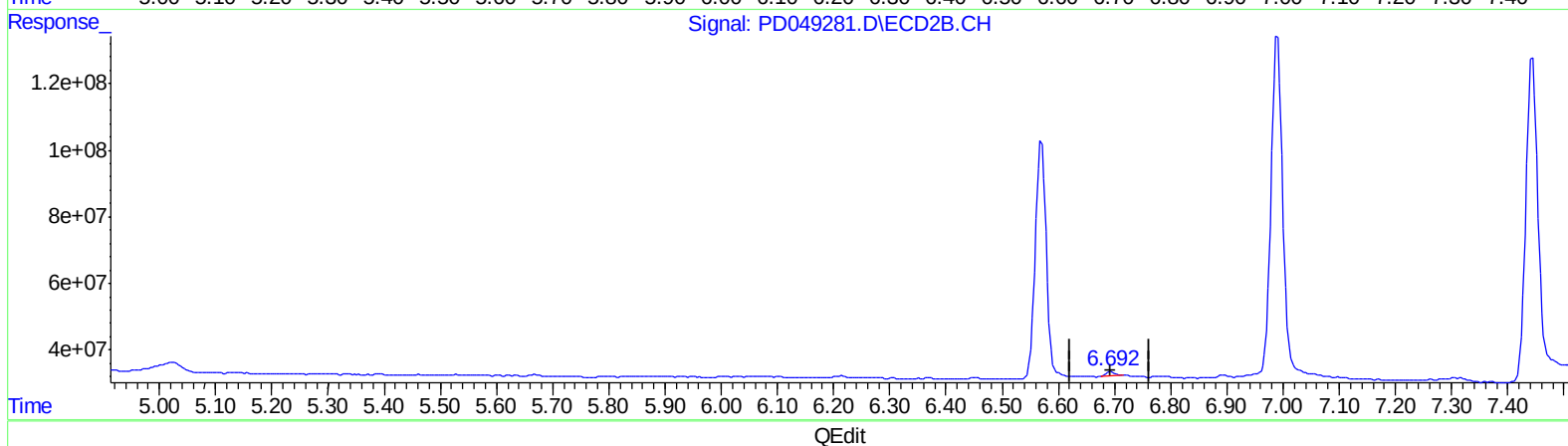
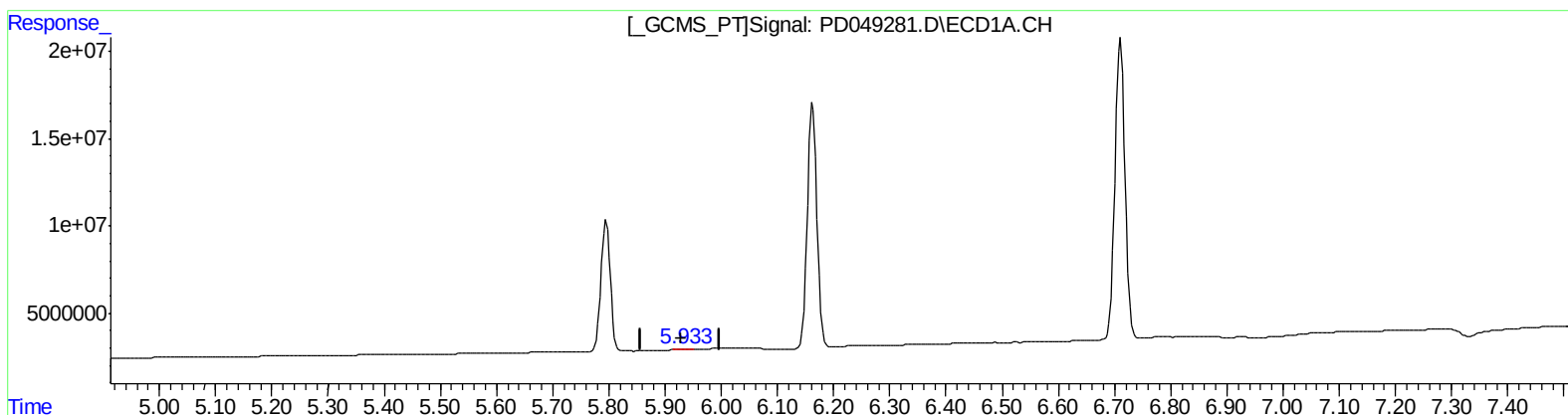
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QEdit

(16) 4,4'-DDD (A)
5.933min 0.177 ng/ml m
response 275442

(16) 4,4'-DDD #2 (A)
6.692min 1.060 ng/ml m
response 14703405

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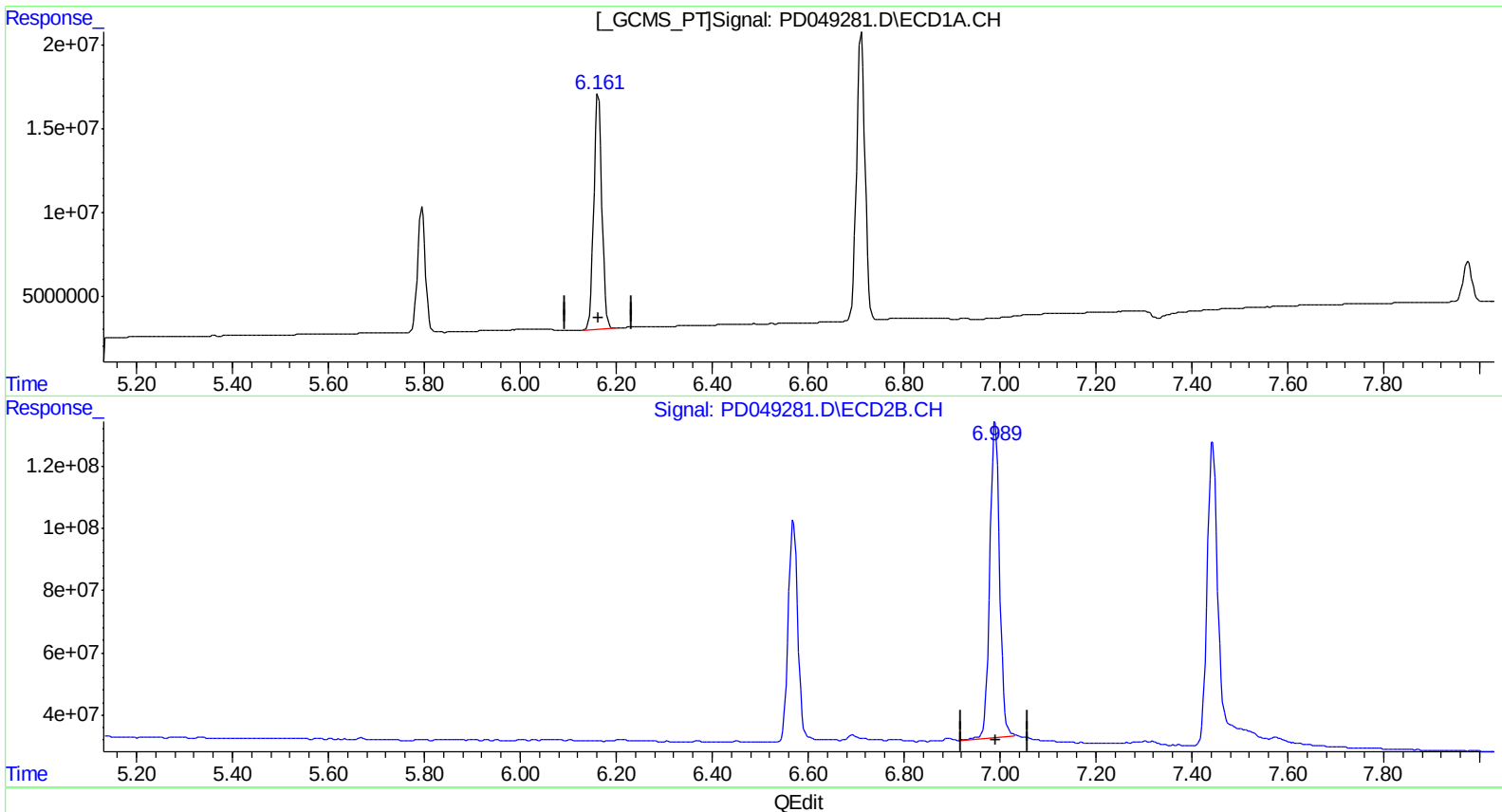
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(17) 4,4'-DDT (MA)
6.163min 100.411 ng/ml
response 162643488

(17) 4,4'-DDT #2 (MA)
6.990min 98.357 ng/ml
response 1419358814

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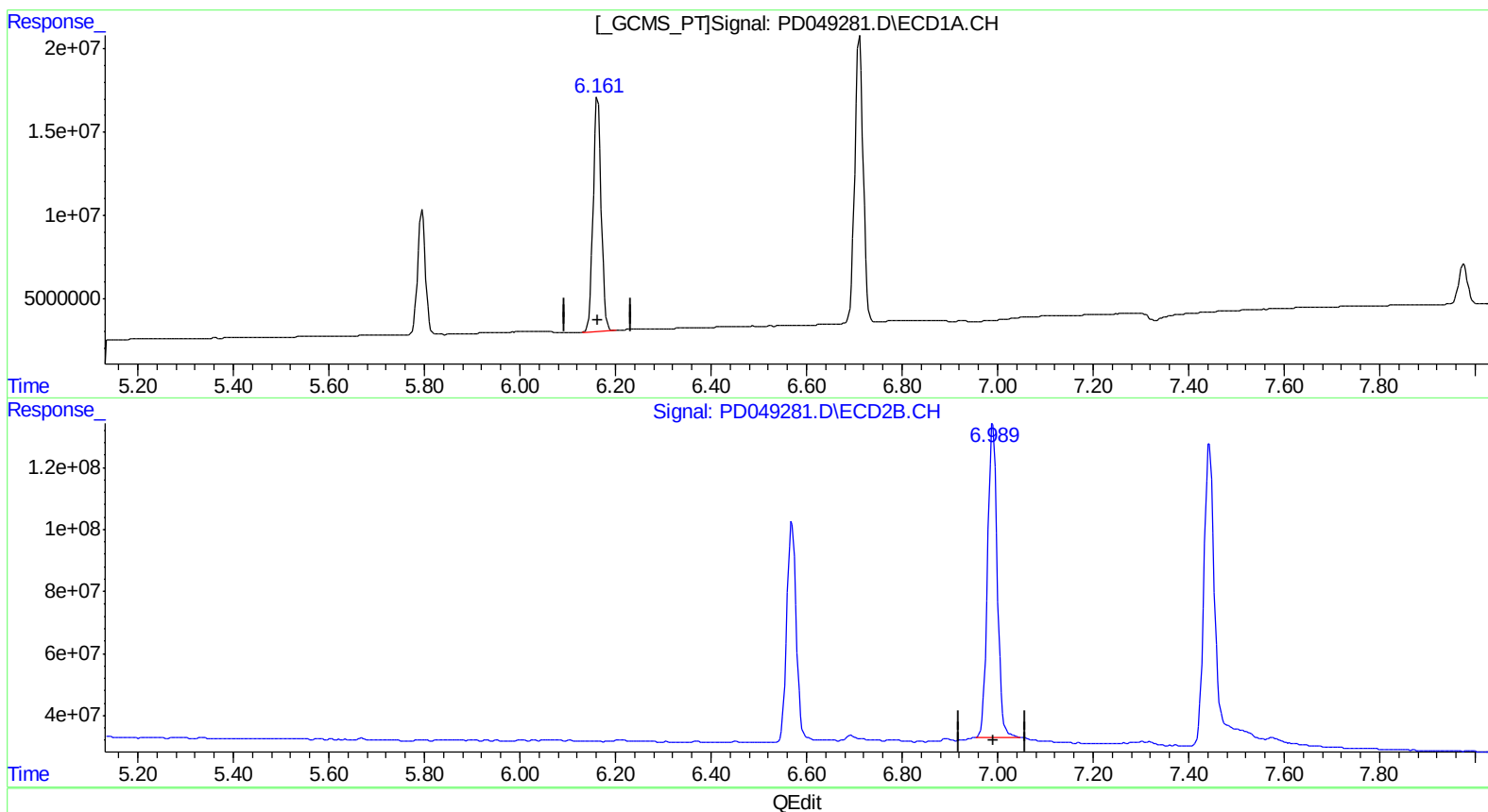
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(17) 4,4'-DDT (MA)
6.163min 100.411 ng/ml
response 162643488

(17) 4,4'-DDT #2 (MA)
6.989min 97.795 ng/ml m
response 1411256550

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

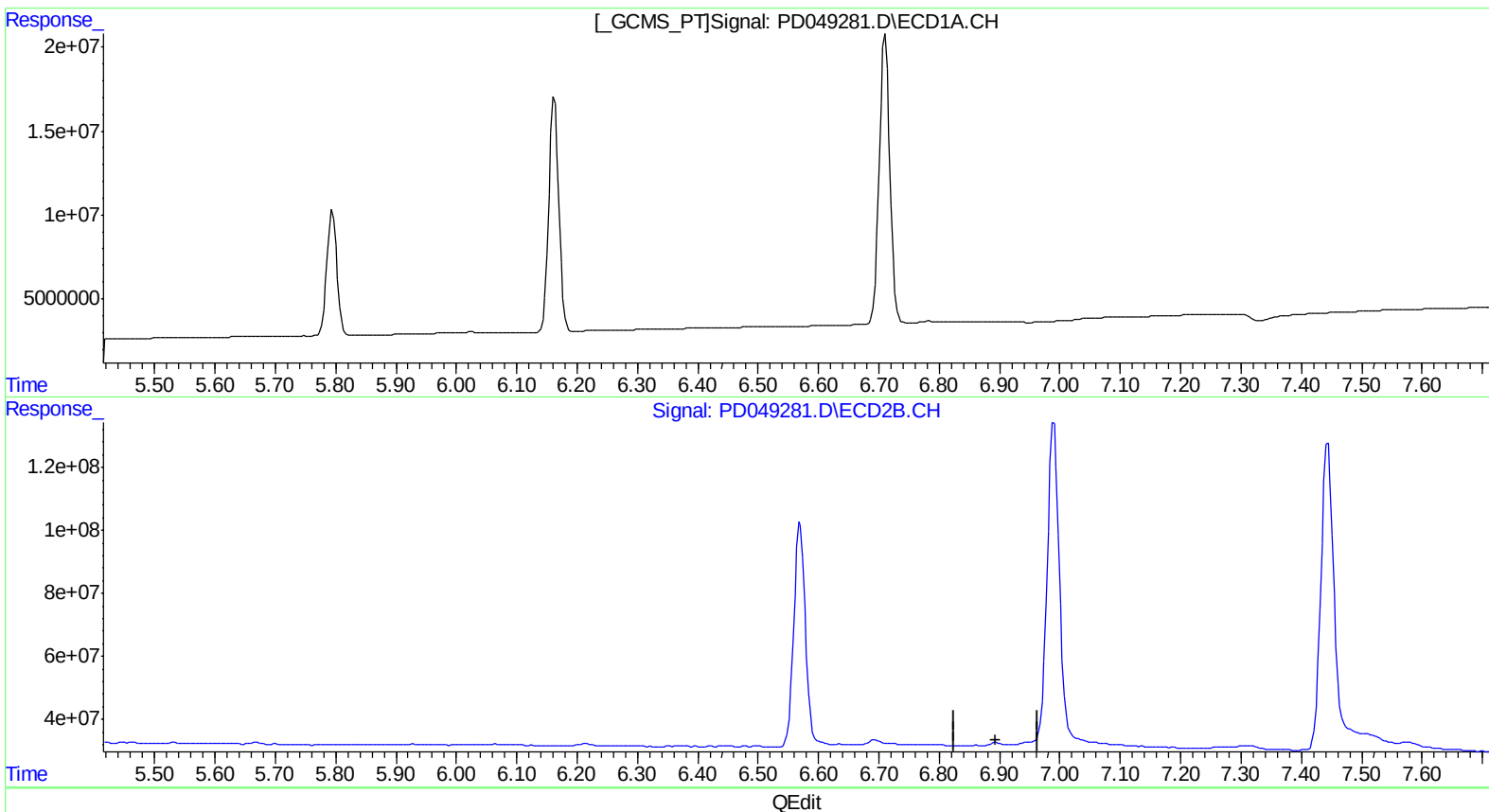
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(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

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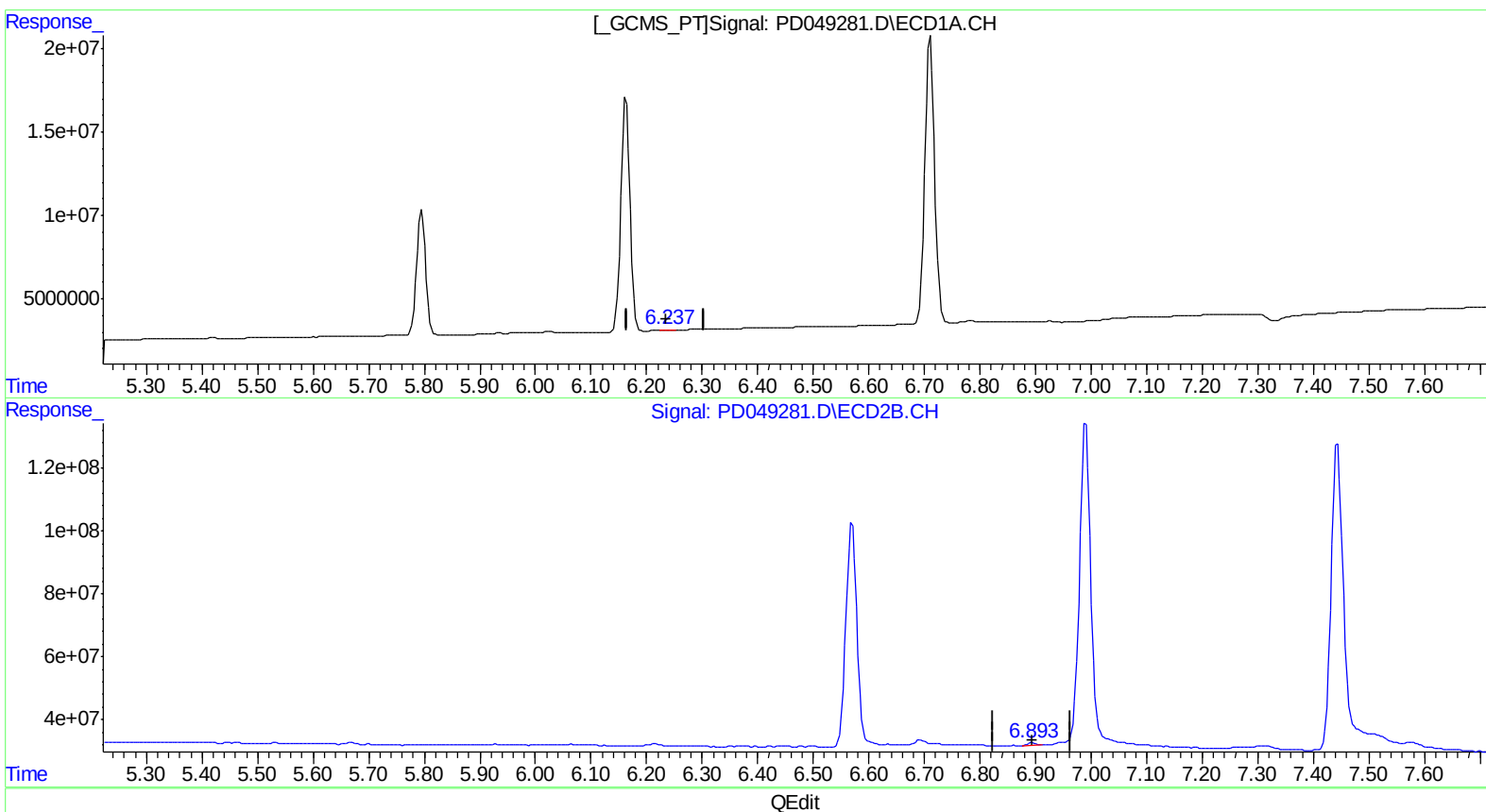
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.237min 0.174 ng/ml m

response 236767

(18) Endrin aldehyde #2 (B)

6.893min 0.594 ng/ml m

response 8661900

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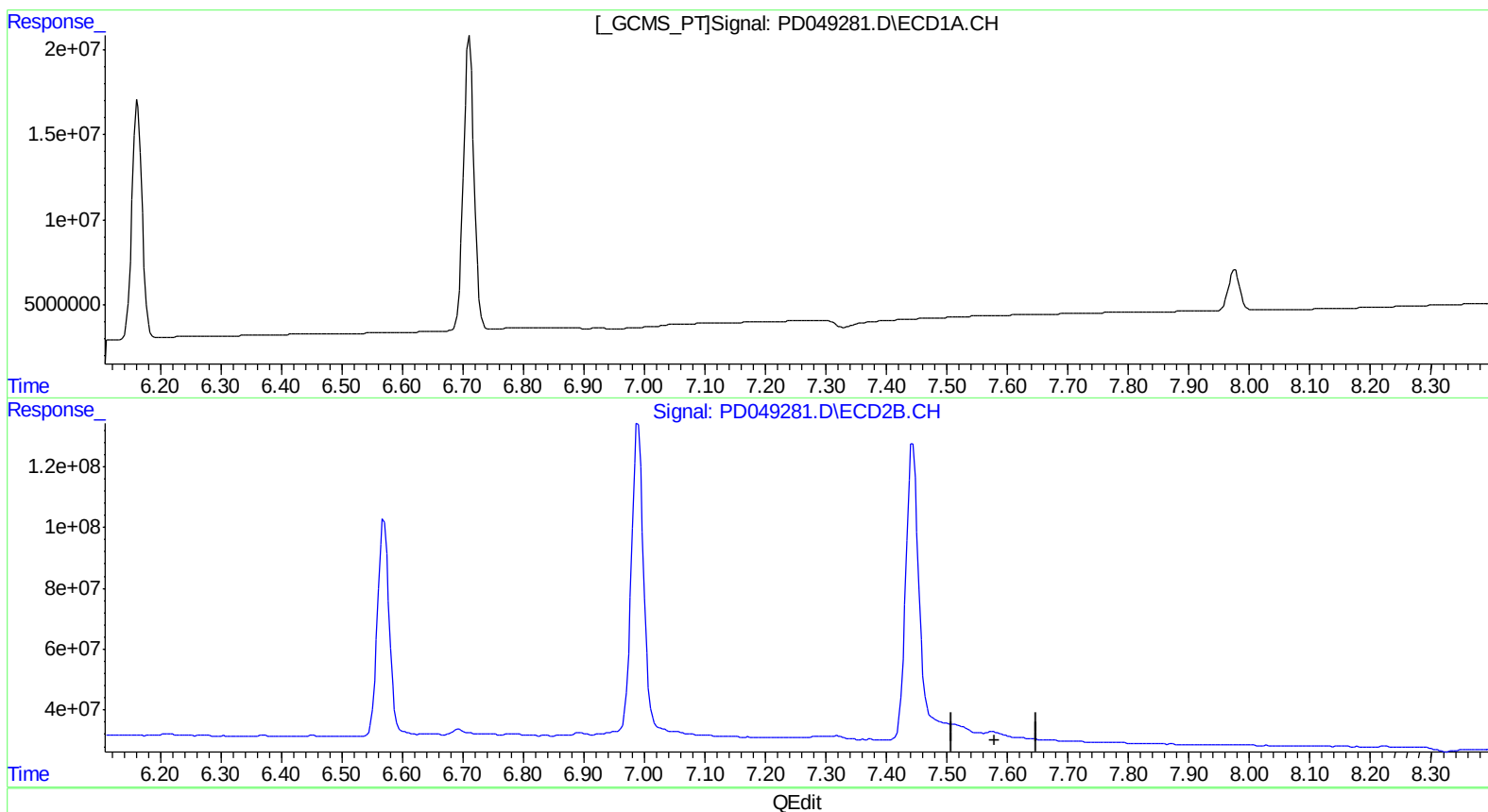
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

0.000min 0.000 ng/ml

response 0

(21) Endrin ketone #2 (B)

0.000min 0.000 ng/ml

response 0

(+) = Expected Retention Time

PD091918CLP.M Thu Sep 20 04:50:18 2018

Page: 1

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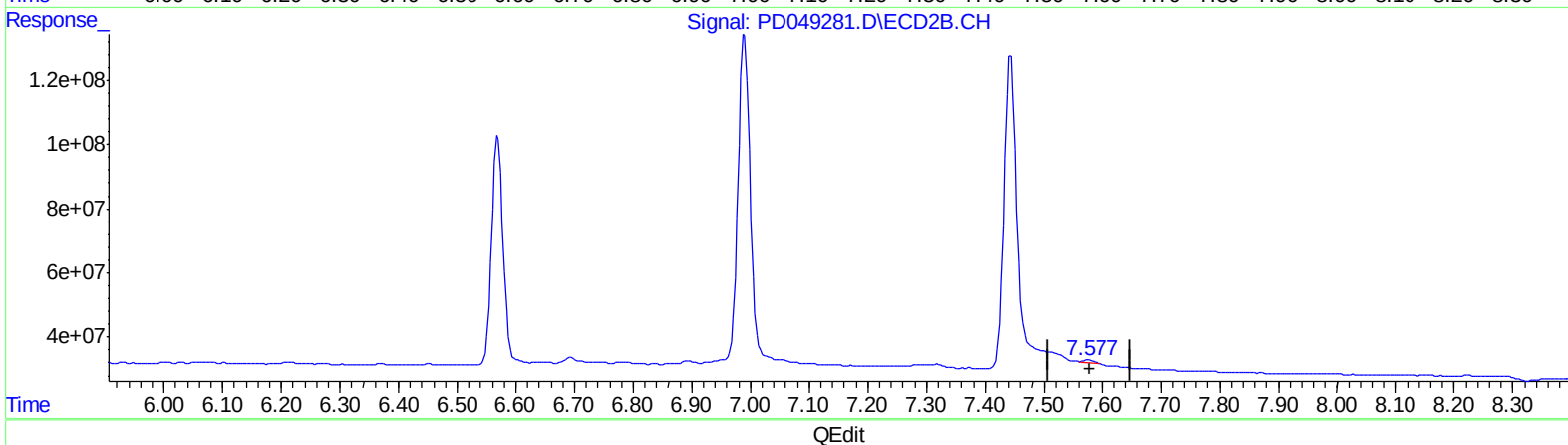
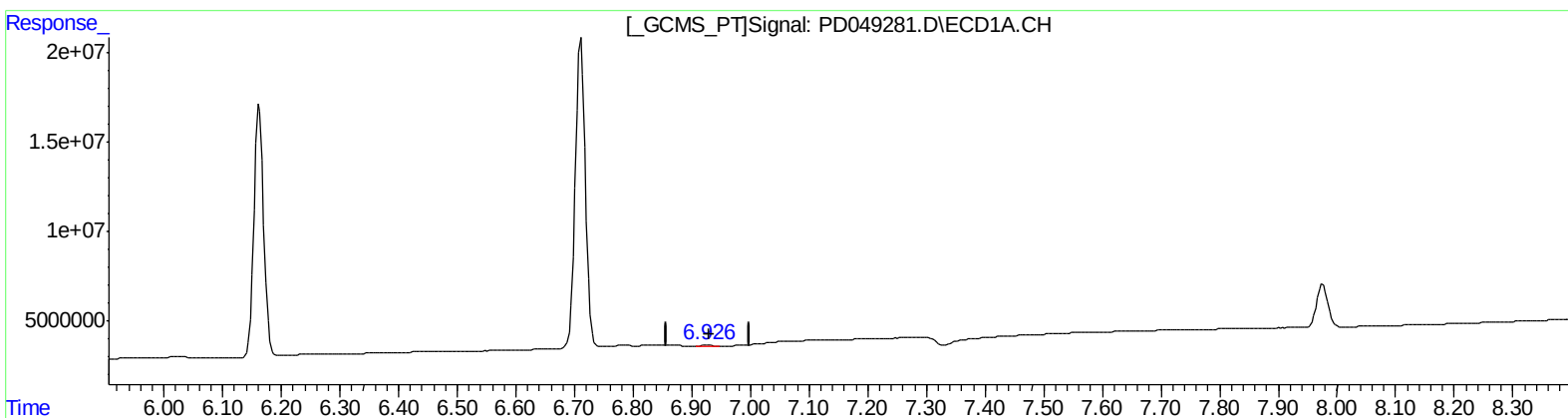
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(21) Endrin ketone (B)
6.926min 0.395 ng/ml m
response 709085

(21) Endrin ketone #2 (B)
7.577min 0.580 ng/ml m
response 9094569

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	3.313	3.908	24737744	380.9E6	19.312	19.518
27) SA Decachlor...	7.976	8.895	31637283	302.8E6	20.098	20.758
Target Compounds						
2) A alpha-BHC	3.740	4.285	19051026	300.3E6	9.364	9.814
3) MA gamma-BHC...	4.014	4.563	18841368	286.4E6	9.708	10.025
6) B beta-BHC	4.262	4.724	7540721	113.6E6	9.603	10.051
12) B 4,4'-DDE	5.417	6.213	361069	3880045	0.198m	0.203m
14) MA Endrin	5.795	6.570	86879962	955.7E6	51.103	50.065
16) A 4,4'-DDD	5.933	6.692	275442	14703405	0.177m	1.060m#
17) MA 4,4'-DDT	6.163	6.989	162.6E6	1411.3E6	100.411	97.795m
18) B Endrin al...	6.237	6.893	236767	8661900	0.174m	0.594m#
20) A Methoxychlor	6.711	7.444	209.7E6	1421.4E6	243.836	247.477
21) B Endrin ke...	6.926	7.577	709085	9094569	0.395m	0.580m#

579/28/18

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