

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032719\
Data File : PD052212.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Mar 2019 19:33
Operator : AJ\SJ
Sample : PEM18
Misc :
ALS Vial : 3 Sample Multiplier: 1

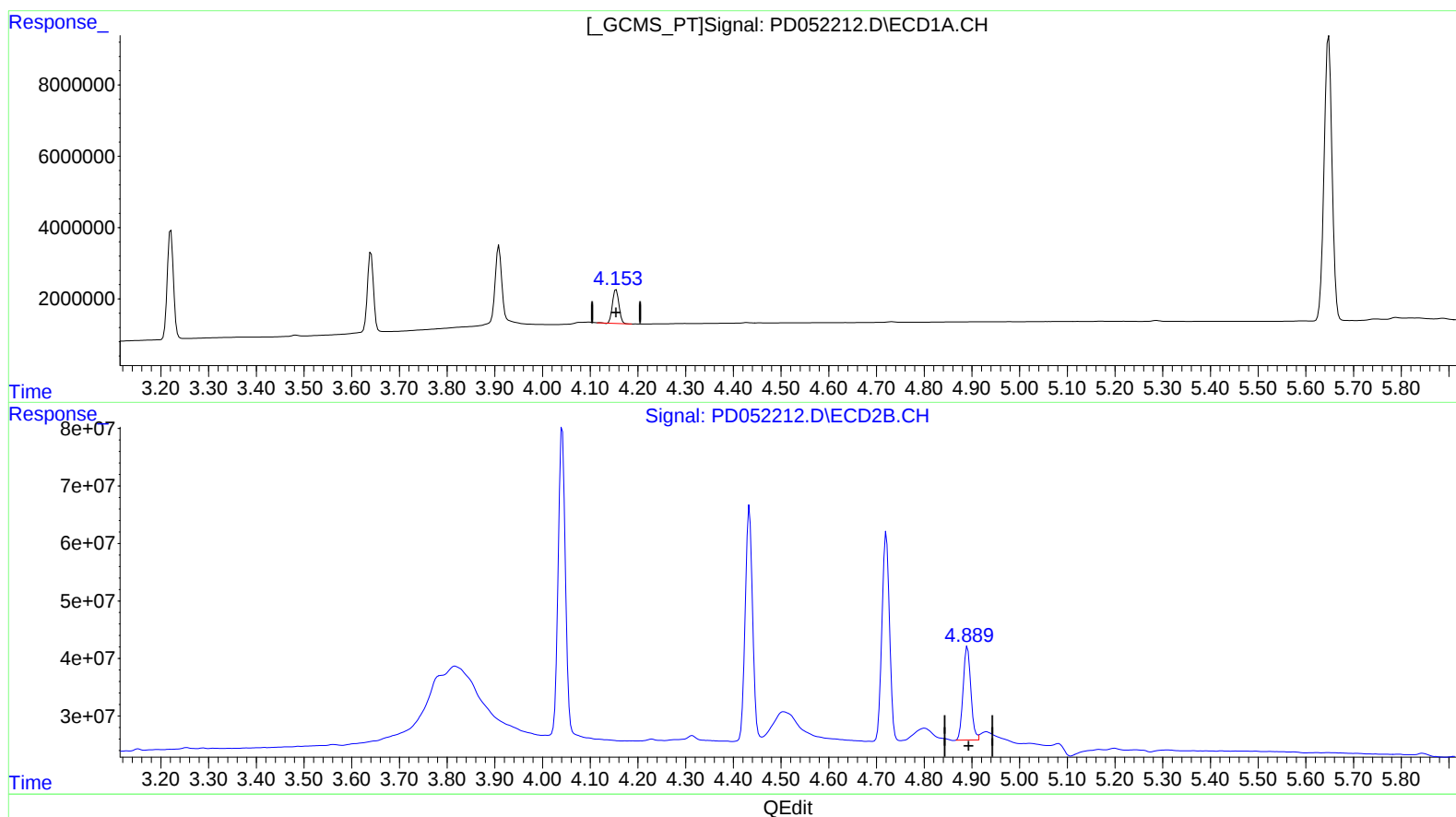
Instrument :
ECD_D
LabSampleId :
PEM18

Manual Integrations
APPROVED

mohammad
3/28/2019 12:55:05 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 03:15:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032519CLP.M
Quant Title : GC Extractables
QLast Update : Mon Mar 25 18:59:03 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



(6) beta-BHC (B)
4.154min 9.343 ng/ml
response 8941633

(6) beta-BHC #2 (B)
4.891min 9.955 ng/ml
response 182665506

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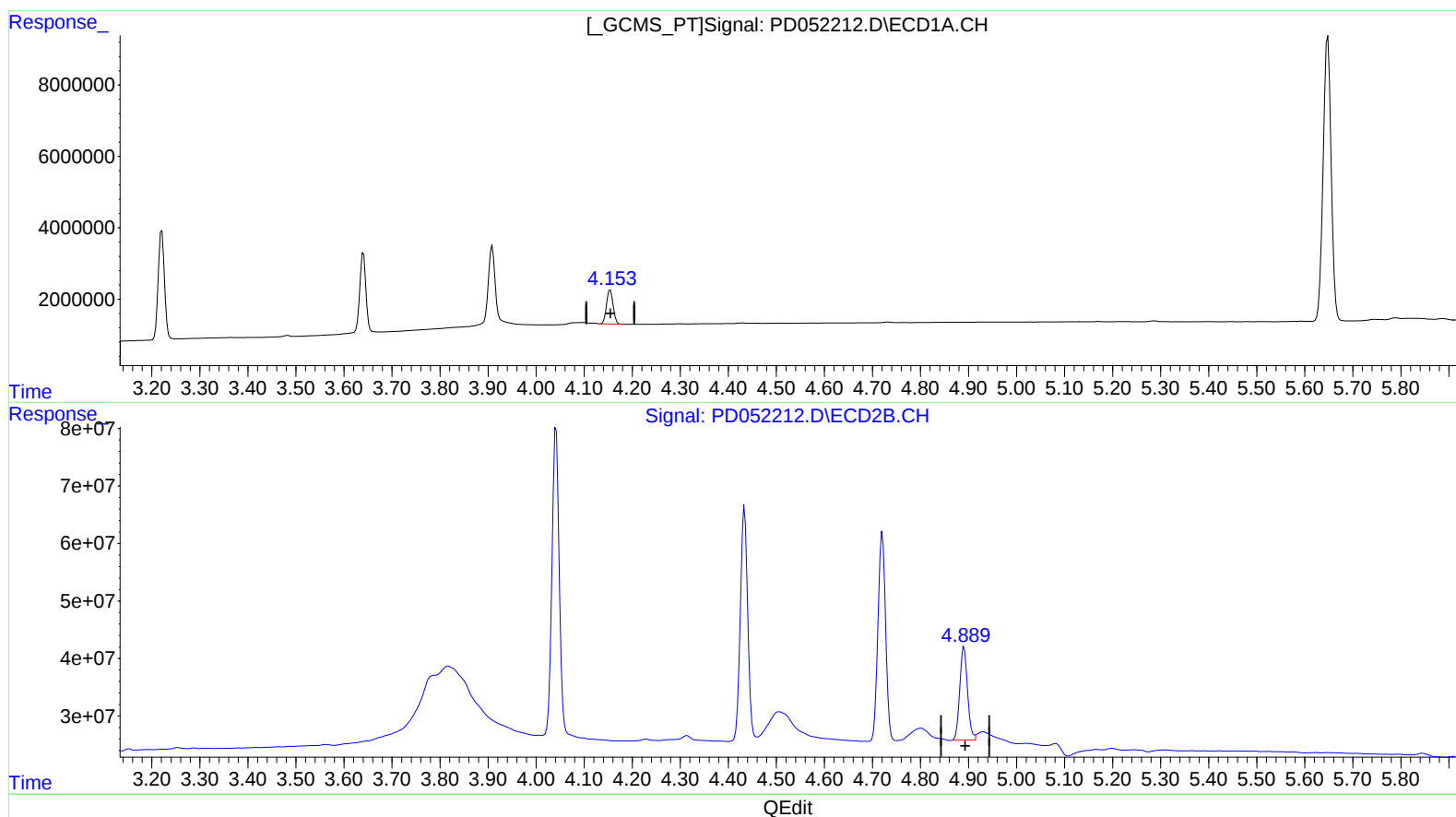
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(6) beta-BHC (B)
4.153min 9.531 ng/ml m
response 9121084

(6) beta-BHC #2 (B)
4.891min 9.955 ng/ml
response 182665506

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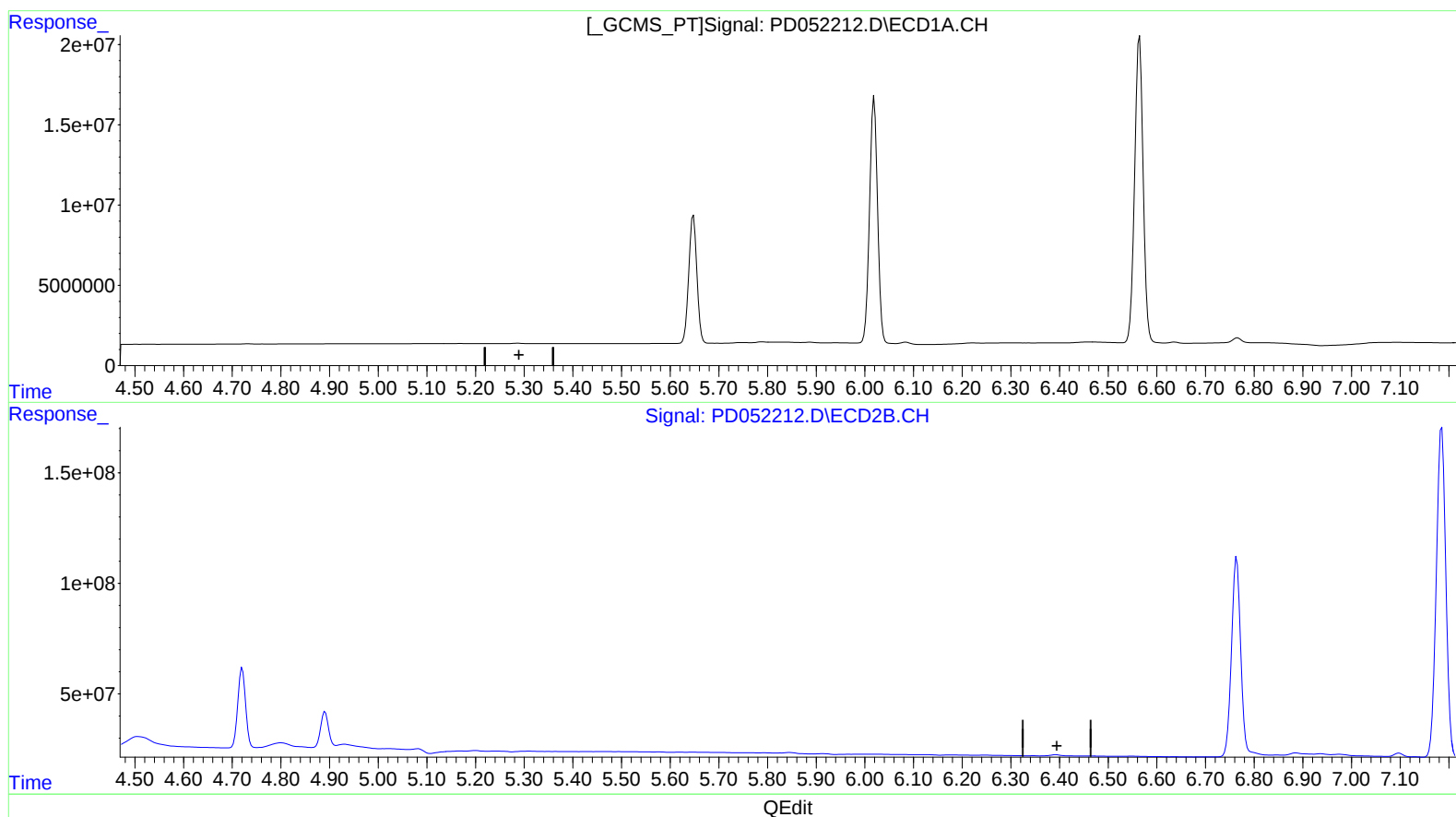
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(12) 4,4'-DDE (B)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
0.000min 0.000 ng/ml
response 0

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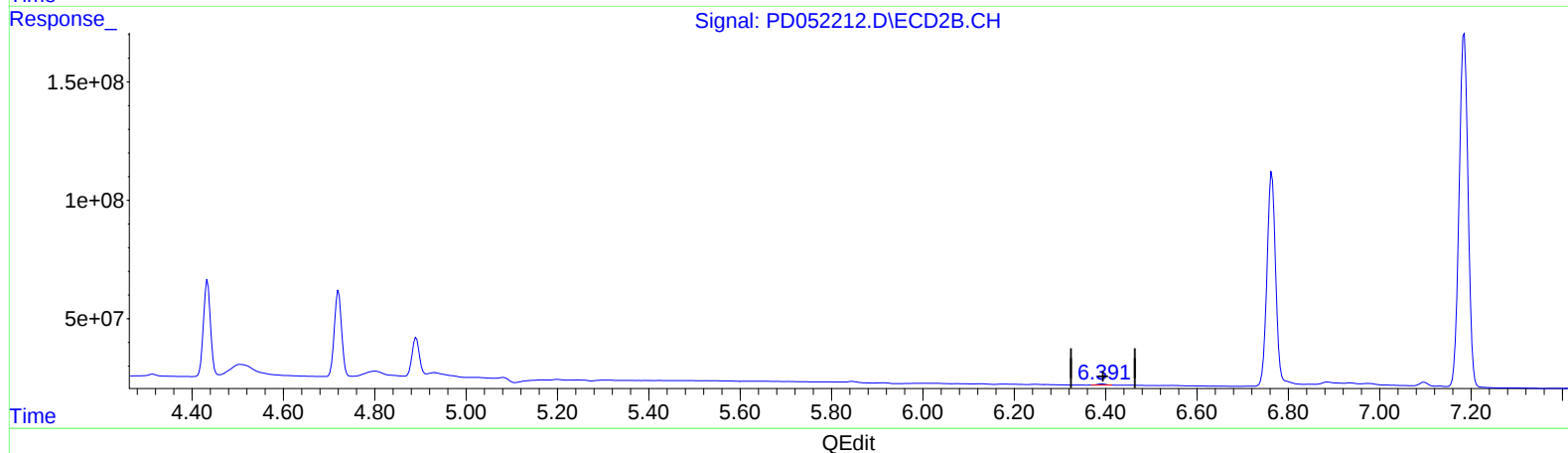
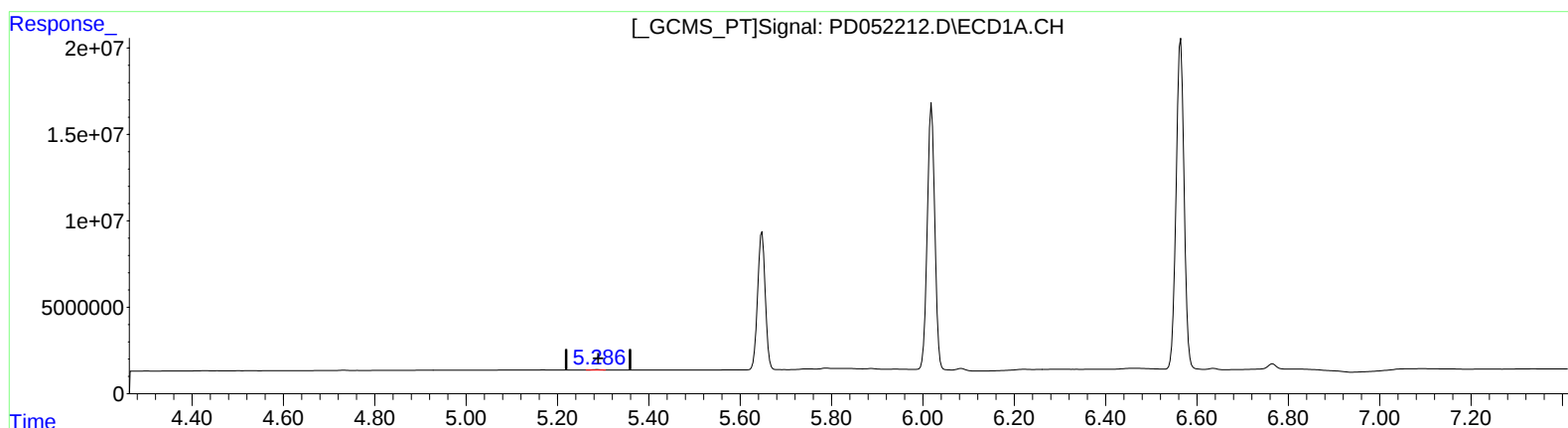
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

5.286min 0.127 ng/ml m
response 256797

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

6.391min 0.196 ng/ml m
response 6000526

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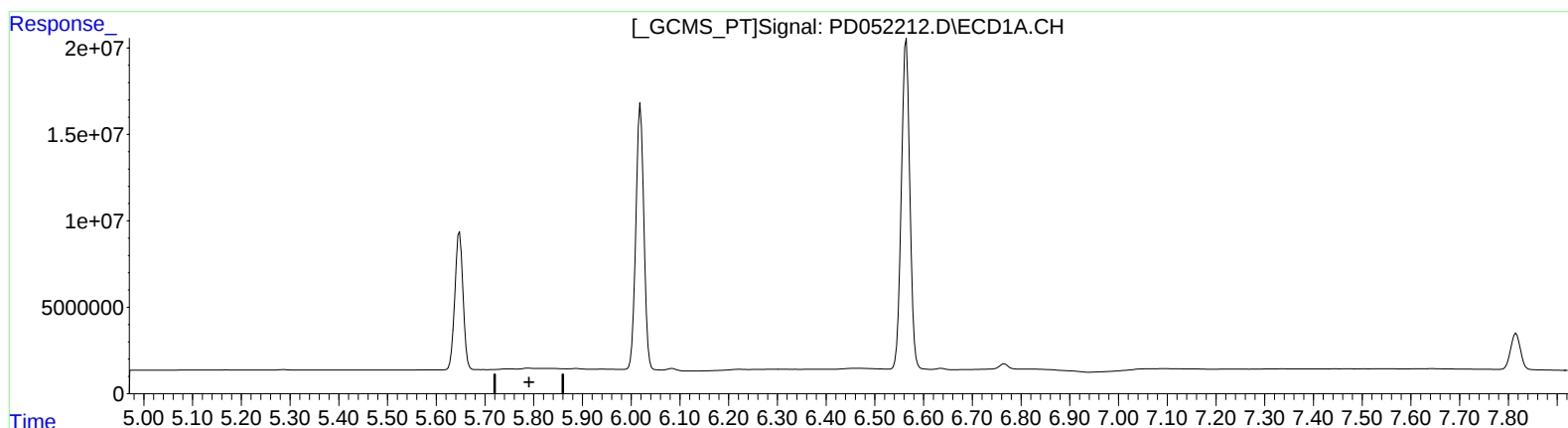
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

(16) 4,4'-DDD #2 (A)
6.886min 0.406 ng/ml
response 9672655

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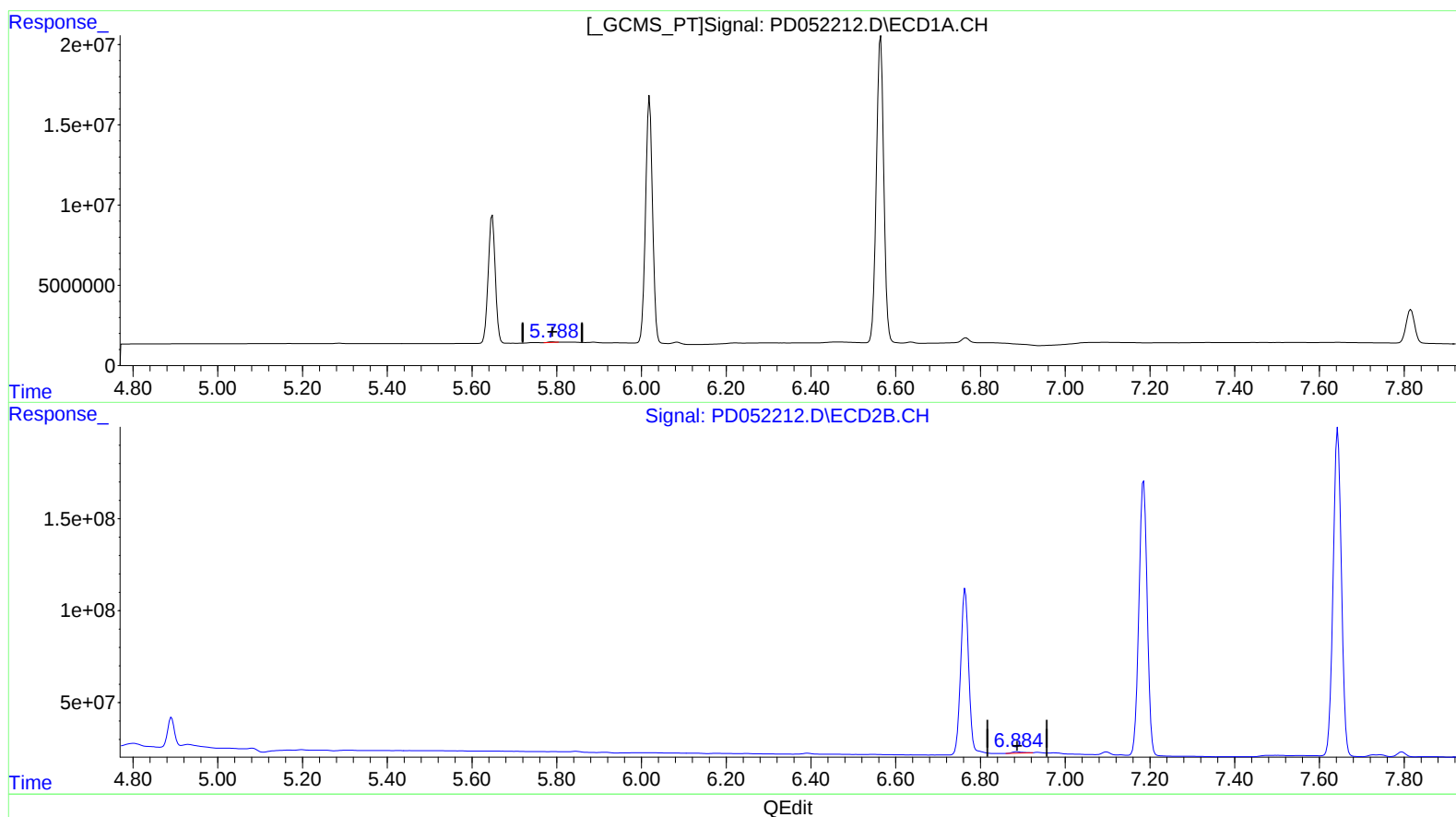
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

5.788min 0.232 ng/ml m
response 389166

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

6.884min 0.553 ng/ml m
response 13159631

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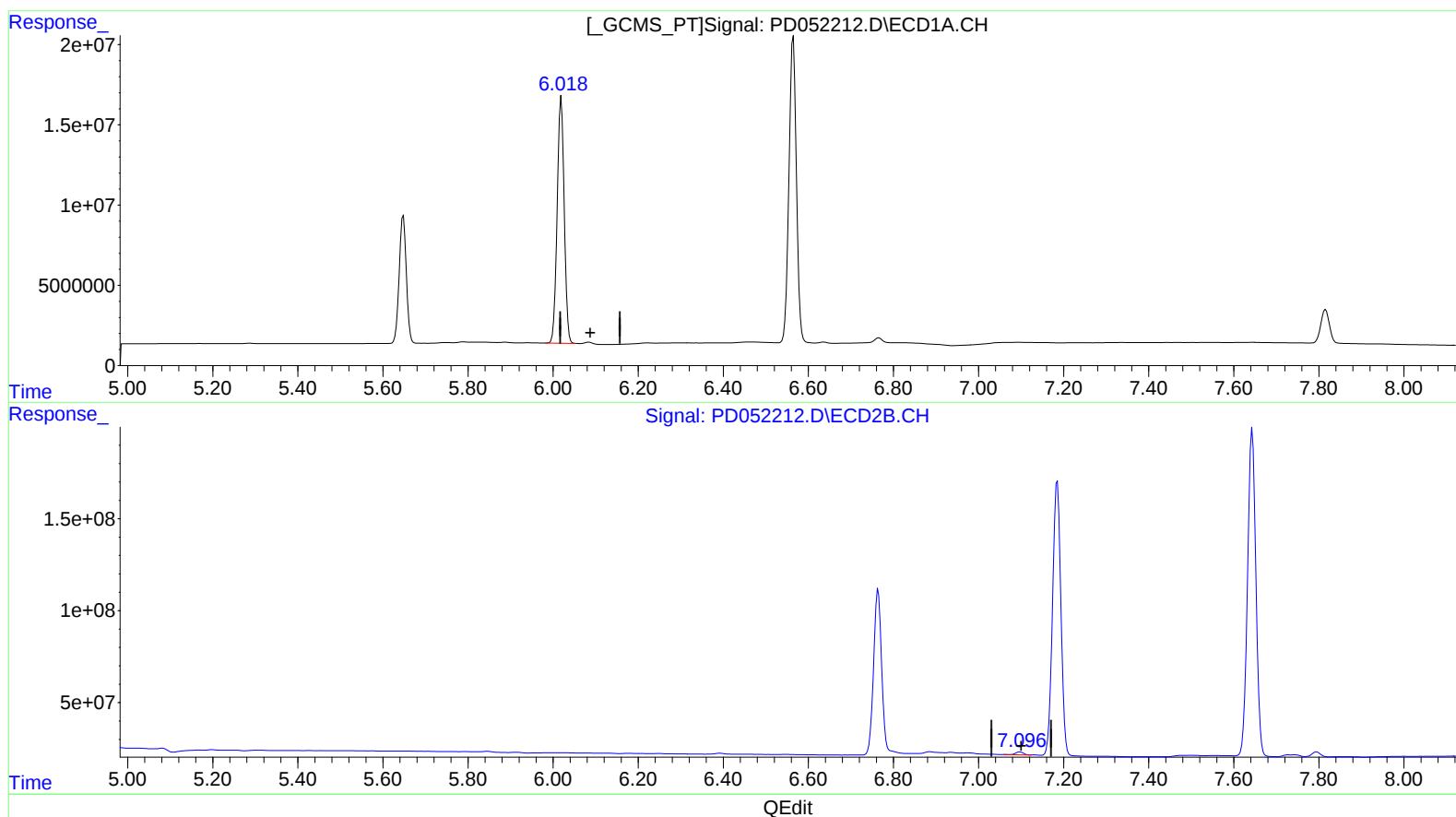
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.019min 114.669 ng/ml

response 175828499

(18) Endrin aldehyde #2 (B)

7.098min 0.975 ng/ml

response 19976486

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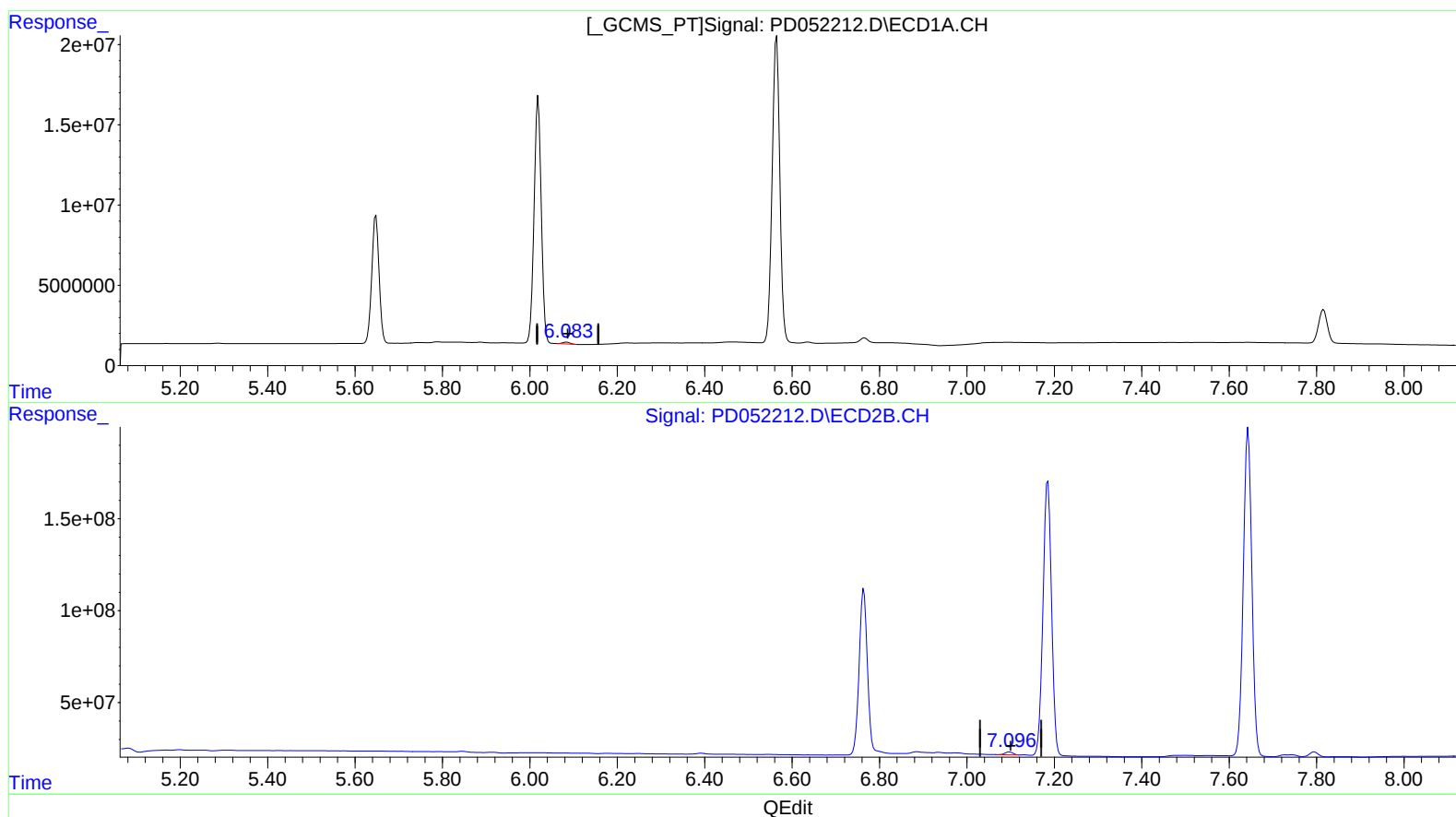
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(18) Endrin aldehyde (B)

6.083min 0.887 ng/ml m

response 1360258

(18) Endrin aldehyde #2 (B)

7.096min 0.931 ng/ml m

response 19066326

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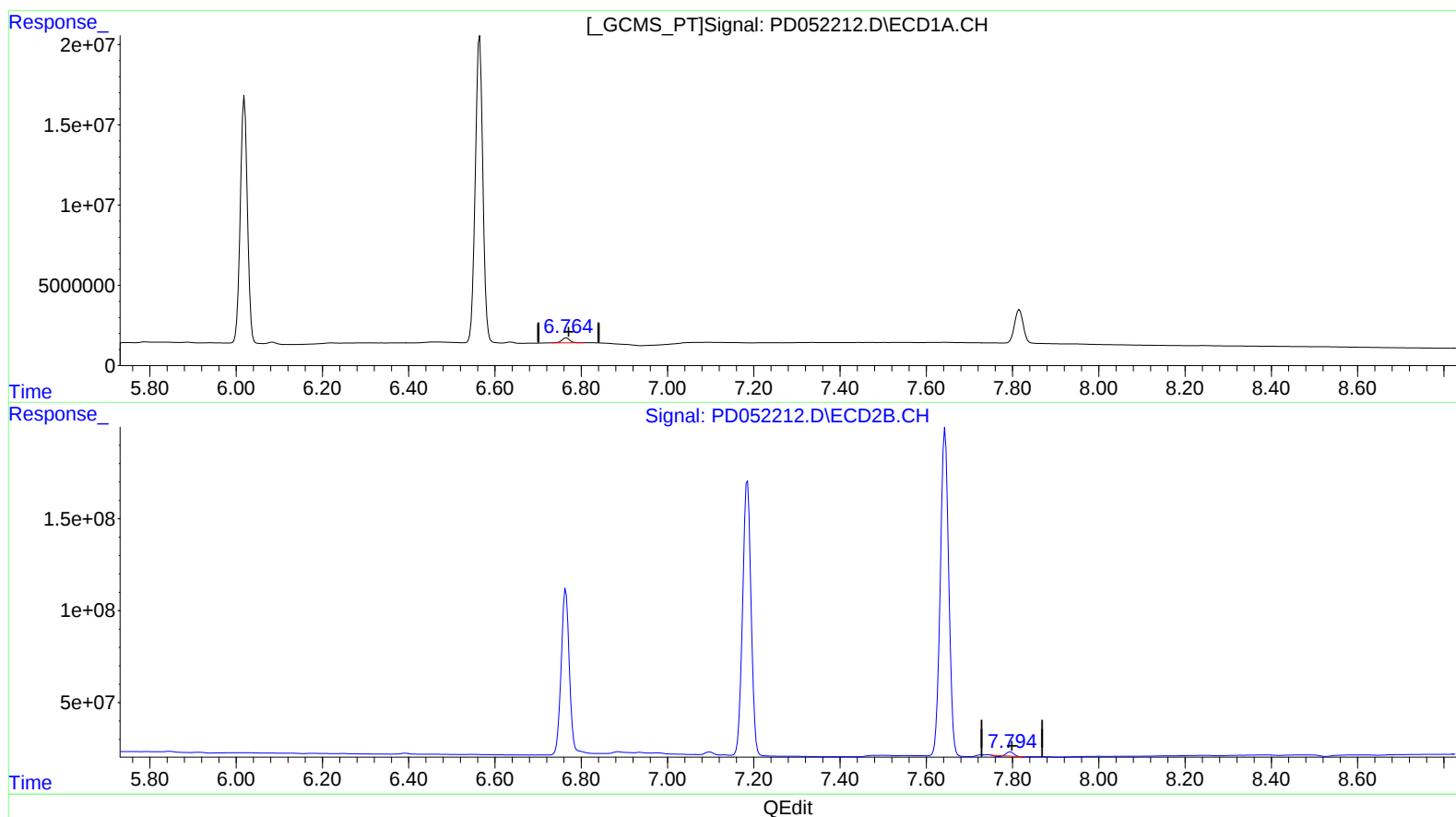
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(21) Endrin ketone (B)

6.766min 1.957 ng/ml

response 3882715

(21) Endrin ketone #2 (B)

7.795min 1.136 ng/ml

response 22780833

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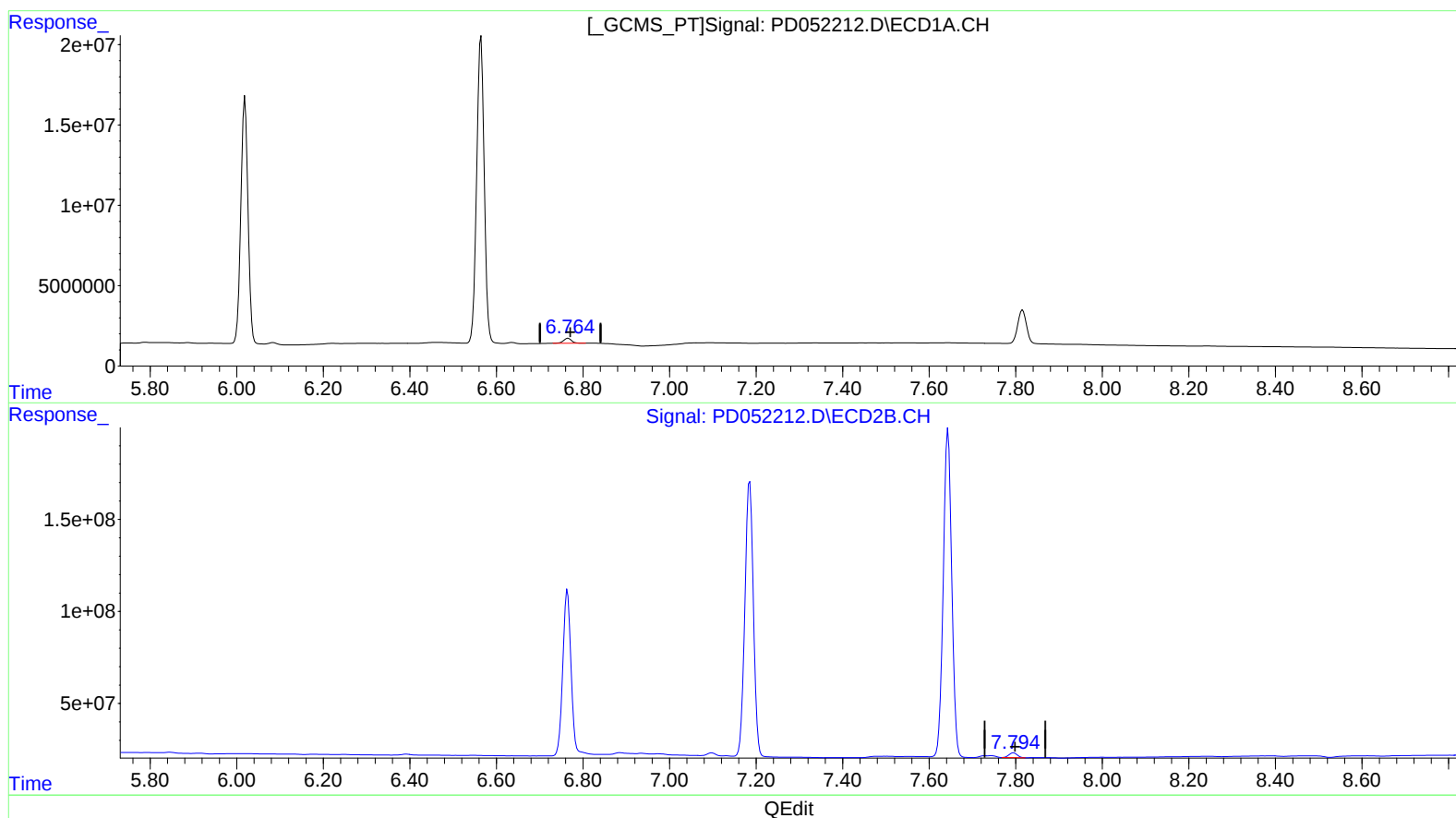
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(21) Endrin ketone (B)

6.766min 1.957 ng/ml

response 3882715

(21) Endrin ketone #2 (B)

7.794min 1.751 ng/ml m

response 35102788

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.221	4.042	27550367	566.9E6	19.409	19.484
27) SA Decachlor...	7.816	9.152	29431507	335.4E6	18.796	21.725
Target Compounds						
2) A alpha-BHC	3.640	4.434	20290834	440.2E6	8.892	10.068
3) MA gamma-BHC...	3.909	4.721	21934159	400.4E6	9.788	10.079
6) B beta-BHC	4.153	4.891	9121084	182.7E6	9.531m	9.955
12) B 4,4'-DDE	5.286	6.391	256797	6000526	0.127m	0.196m#
14) MA Endrin	5.648	6.764	92688793	1189.0E6	52.008	51.653
16) A 4,4'-DDD	5.788	6.884	389166	13159631	0.232m	0.553m#
17) MA 4,4'-DDT	6.019	7.185	175.8E6	2031.5E6	107.123	105.205
18) B Endrin al...	6.083	7.096	1360258	19066326	0.887m	0.931m
20) A Methoxychlor	6.565	7.644	232.2E6	2418.3E6	244.610	259.994
21) B Endrin ke...	6.766	7.794	3882715	35102788	1.957	1.751m

AJ
 03/29/19

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