

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

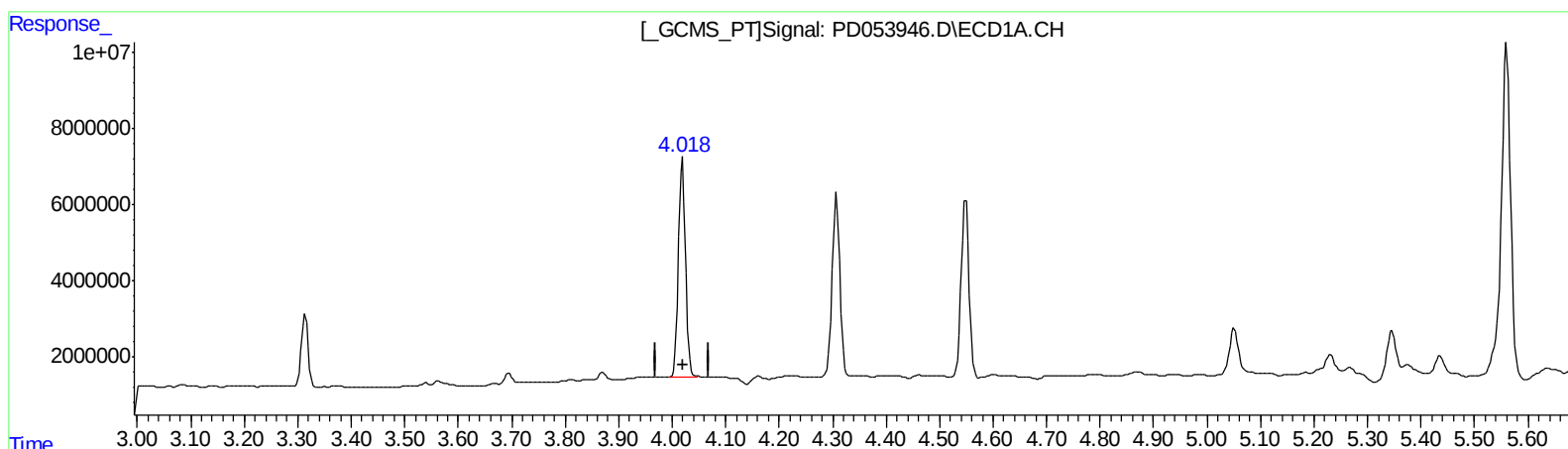
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
APPROVED

Ankita
7/12/2019 10:06:25 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 07:17:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070319CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jul 05 03:58:18 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



(3) gamma-BHC (Lindane) (MA)

4.018min 50.052 ng/ml m

response 53397875

(3) gamma-BHC (Lindane) #2 (MA)

4.652min 49.996 ng/ml m

response 77100408

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
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Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

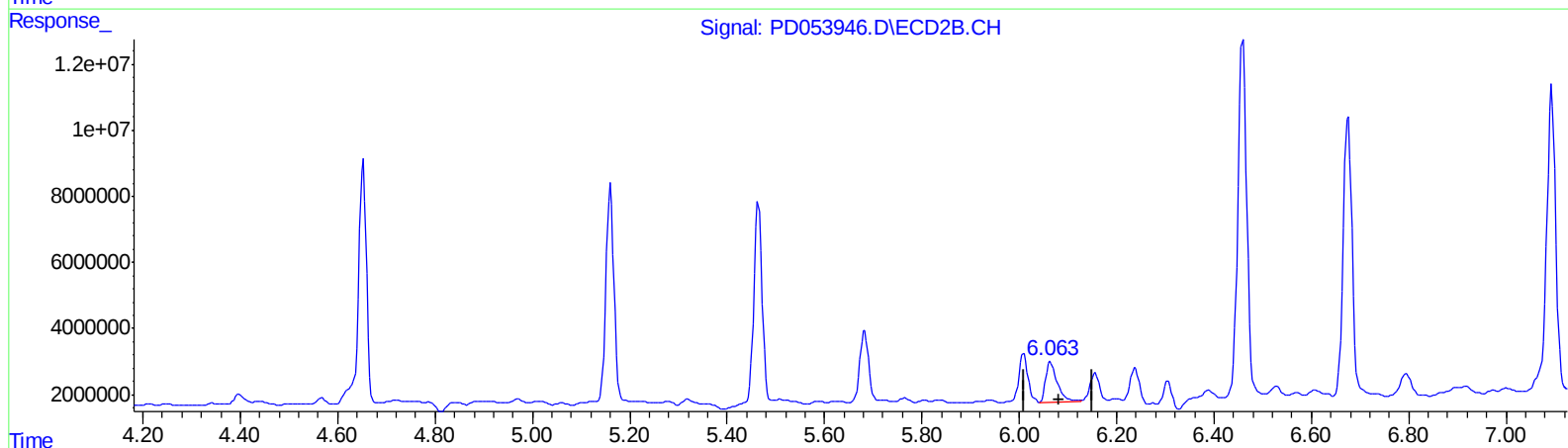
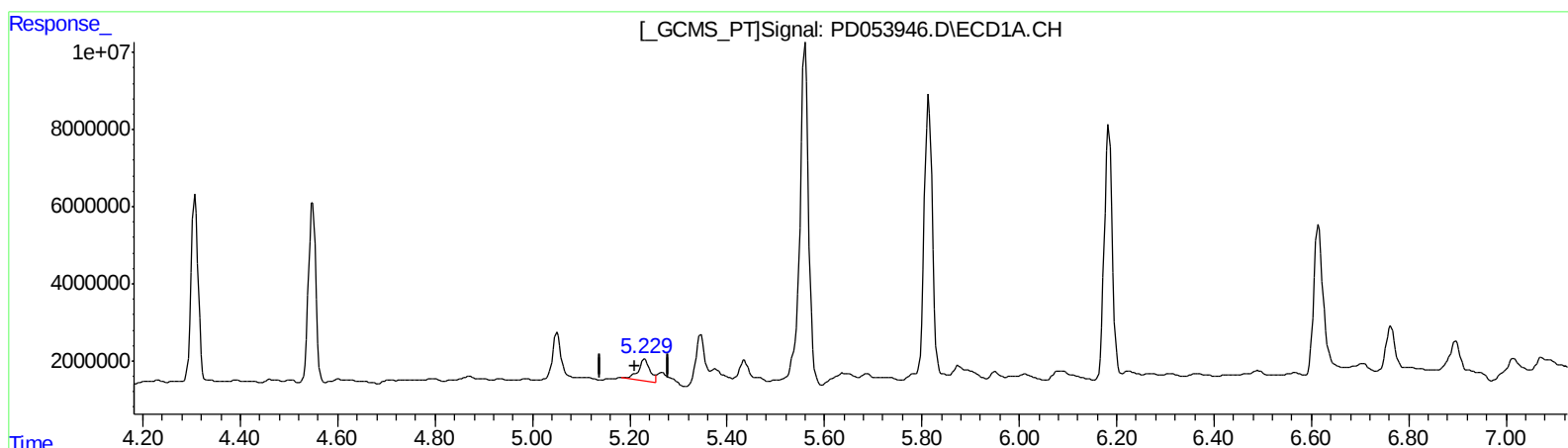
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
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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

(10) trans-Chlordane (B)

5.231min 9.442 ng/ml

response 9037205

(10) trans-Chlordane #2 (B)

6.064min 13.203 ng/ml

response 19928971

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
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Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

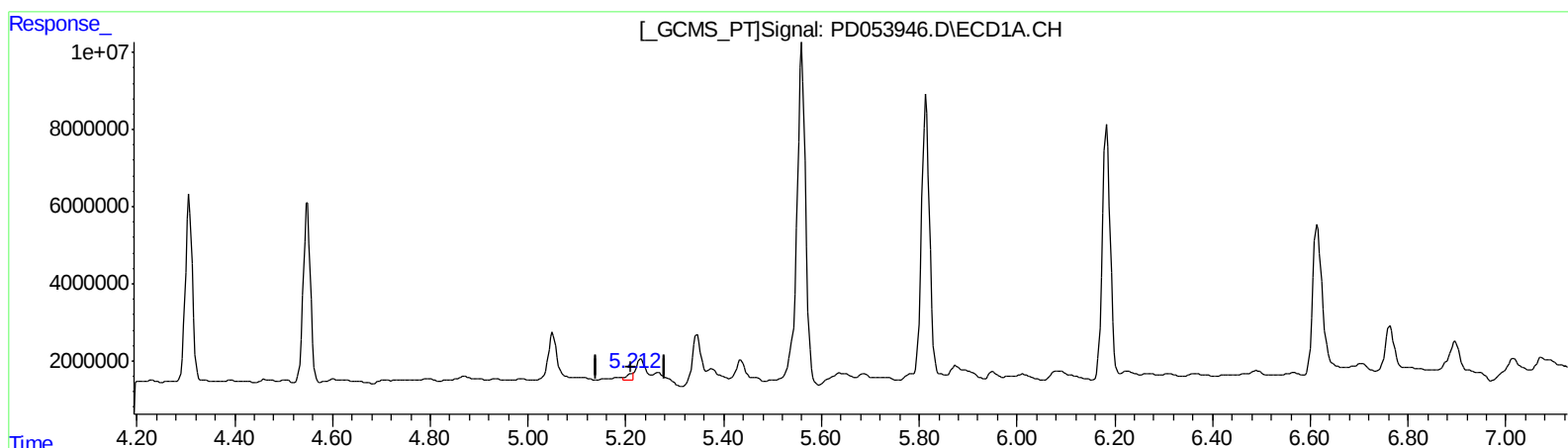
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
APPROVED

Ankita
7/12/2019 10:06:25 AM

Integration File signal 1: autoint1.e
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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



(10) trans-Chlordane (B)

5.212min 1.312 ng/ml m

response 1255467

(10) trans-Chlordane #2 (B)

6.064min 13.203 ng/ml

response 19928971

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
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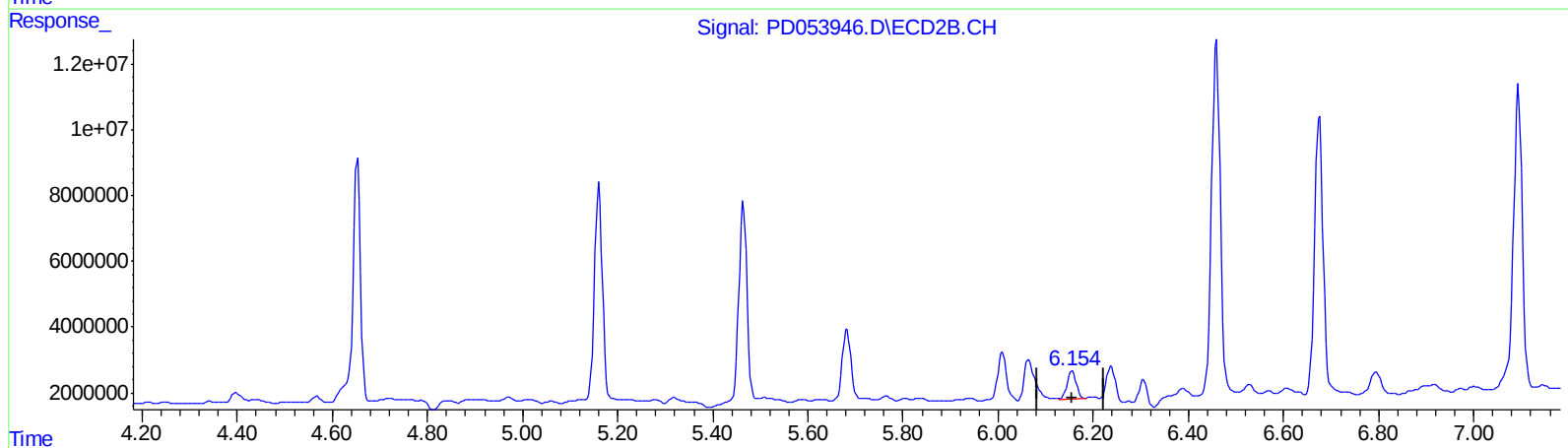
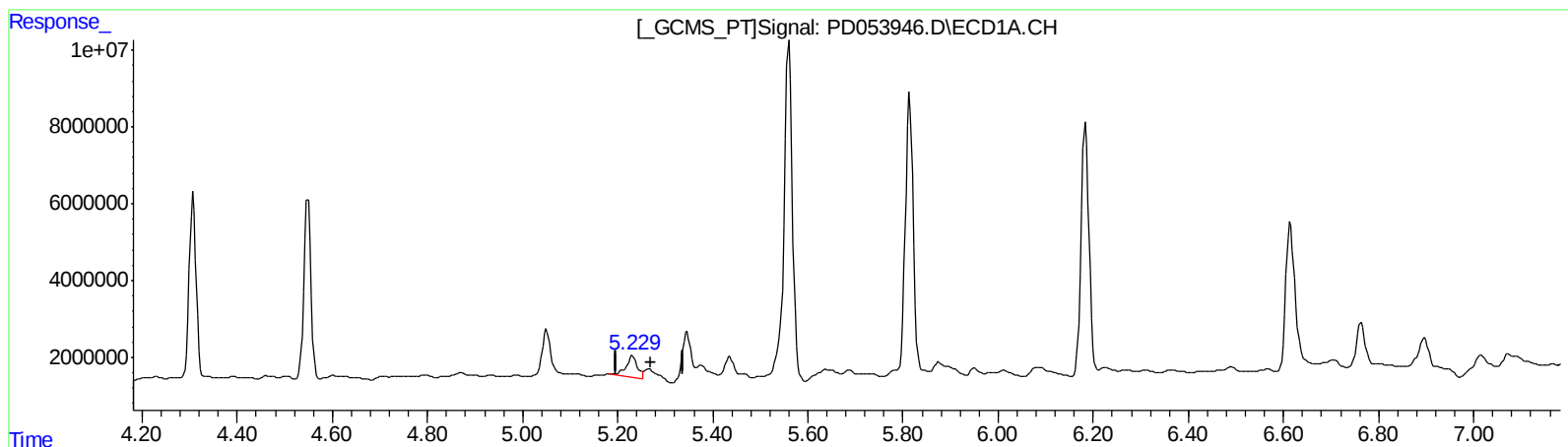
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
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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



(11) cis-Chlordane (B)

5.231min 9.678 ng/ml

response 9037205

(11) cis-Chlordane #2 (B)

6.156min 7.340 ng/ml

response 10808484

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

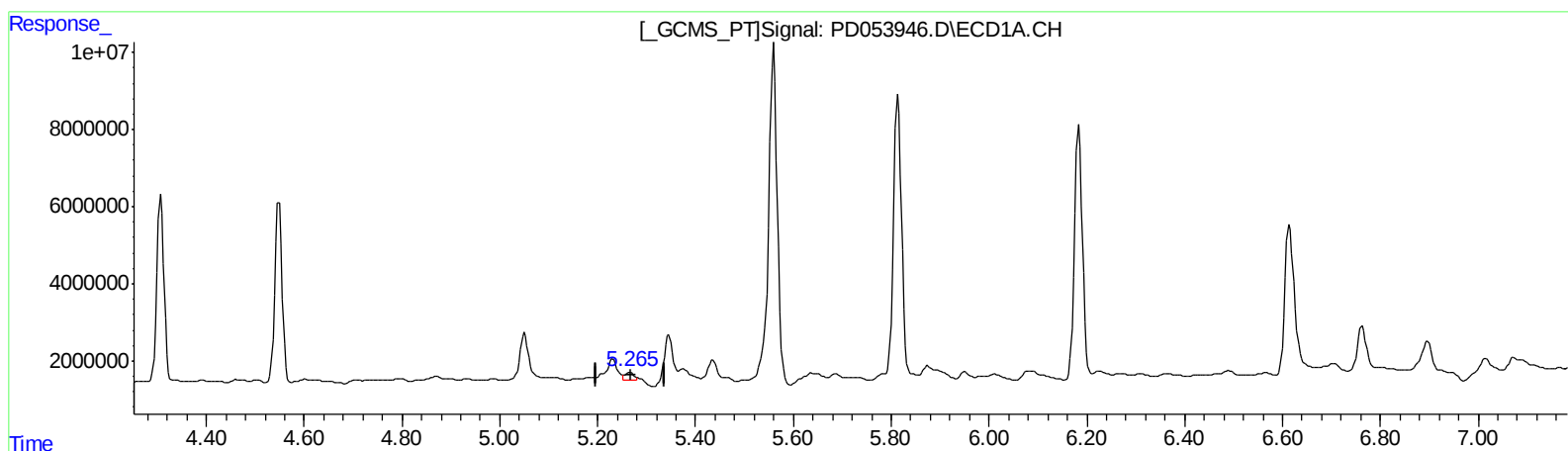
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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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



(11) cis-Chlordane (B)

5.265min 2.959 ng/ml m

response 2763131

(11) cis-Chlordane #2 (B)

6.156min 7.340 ng/ml

response 10808484

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

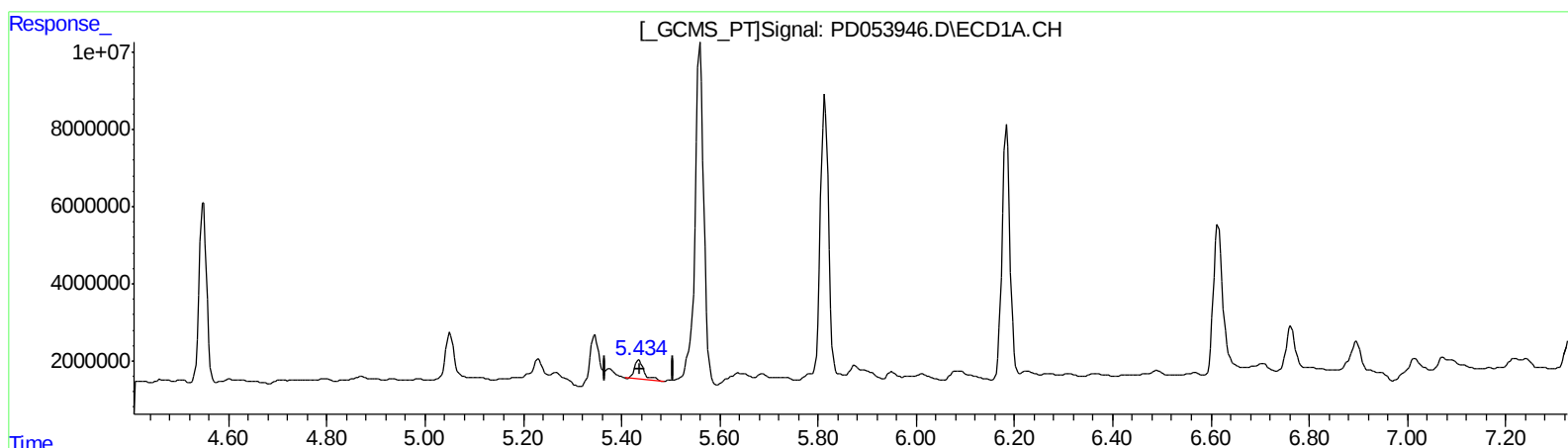
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
APPROVED

Ankita
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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)
5.435min 7.544 ng/ml
response 6835871

(12) 4,4'-DDE #2 (B)
6.306min 6.143 ng/ml
response 8645761

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

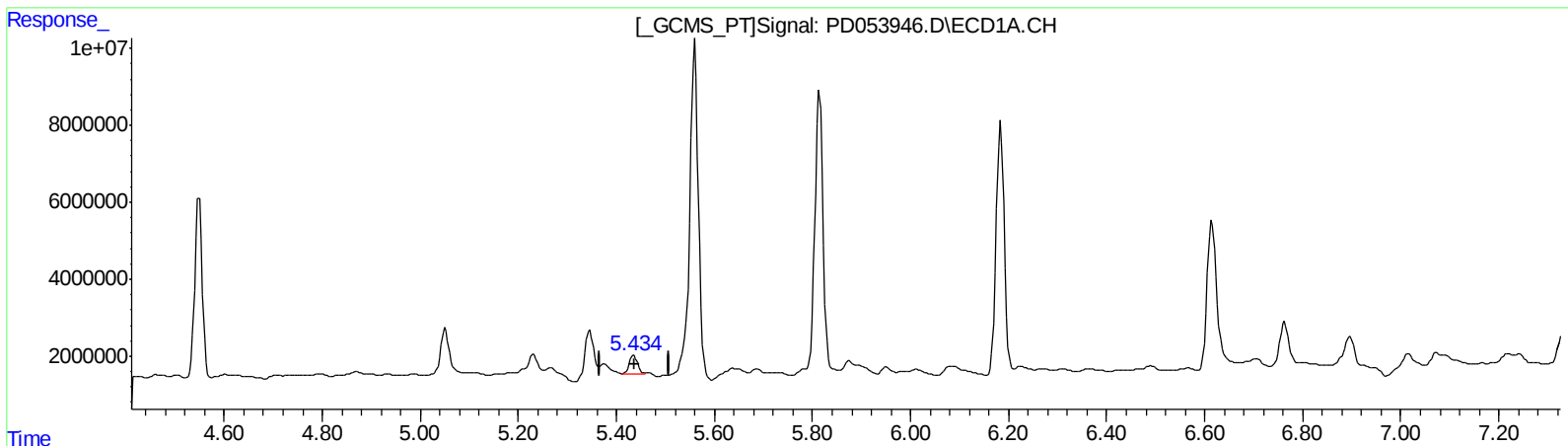
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.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



(12) 4,4'-DDE (B)
5.434min 6.000 ng/ml m
response 5437134

(12) 4,4'-DDE #2 (B)
6.306min 6.143 ng/ml
response 8645761

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

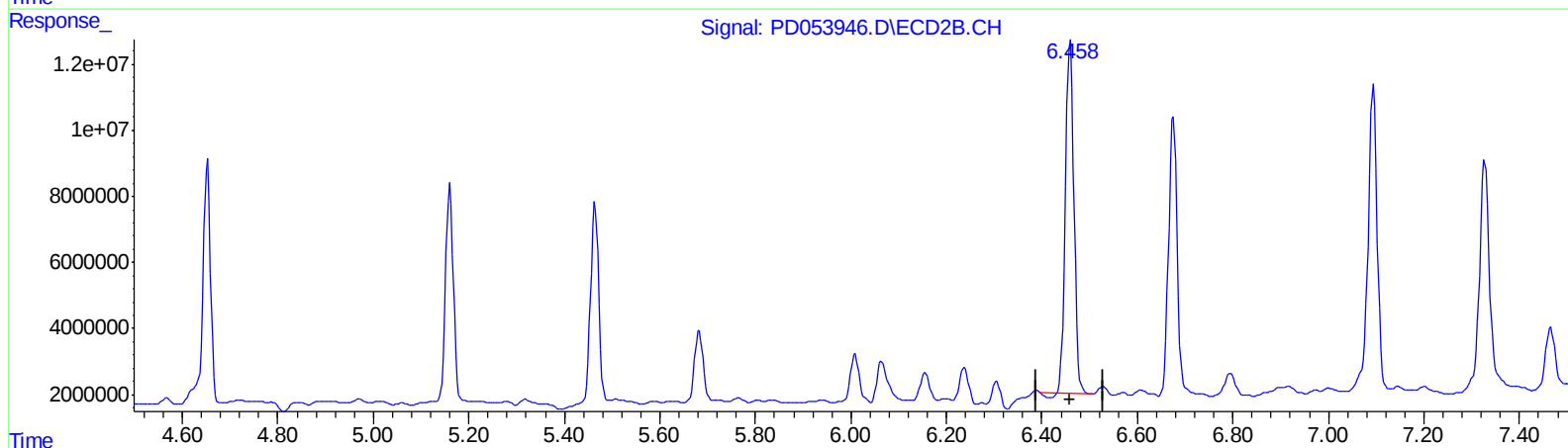
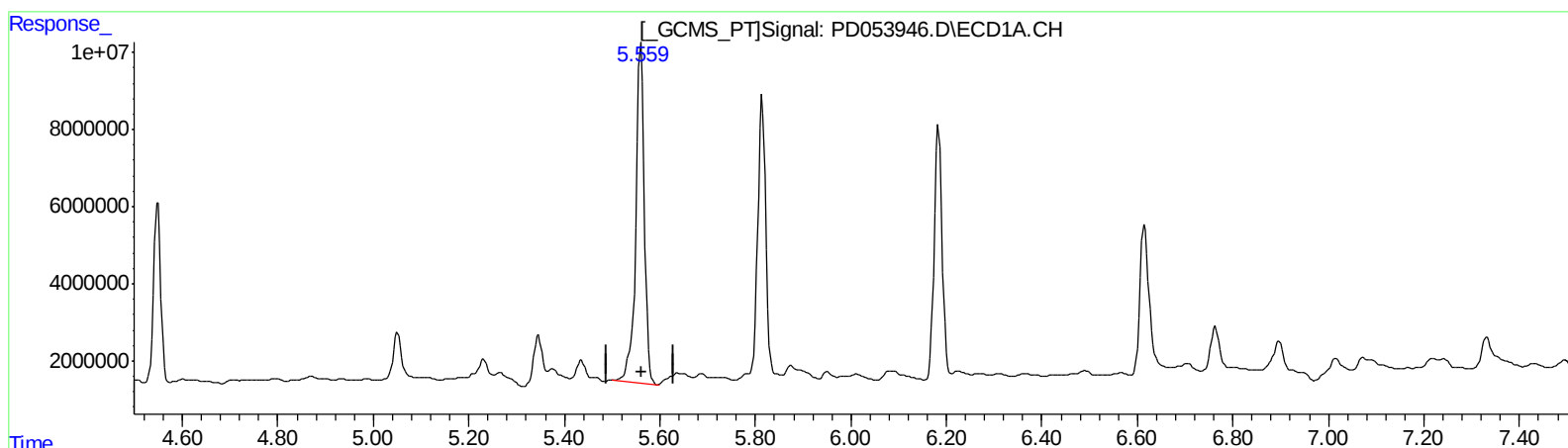
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

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



QEdit

(13) Dieldrin (MA)
5.560min 112.469 ng/ml
response 110200886

(13) Dieldrin #2 (MA)
6.459min 89.383 ng/ml
response 132469115

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

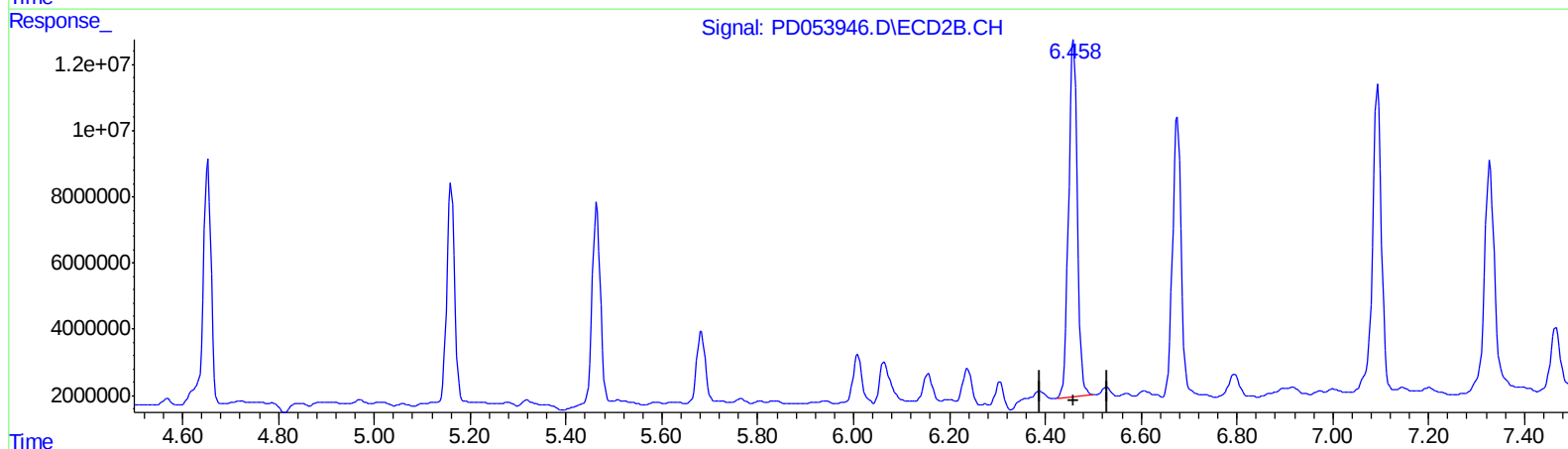
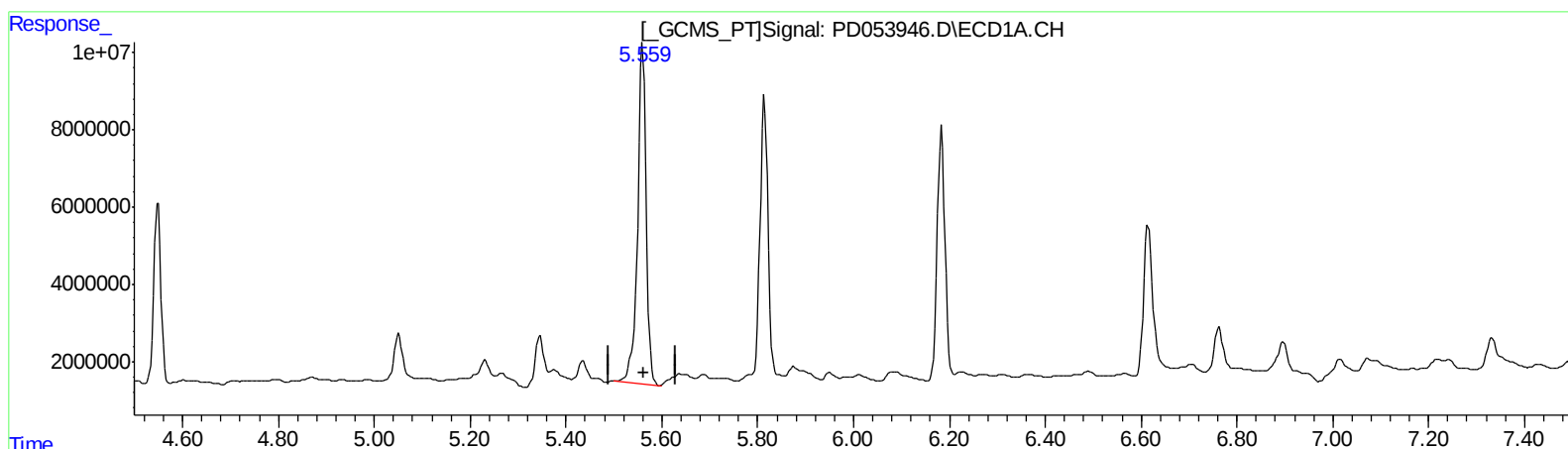
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
APPROVED

Ankita
7/12/2019 10:06:25 AM

Integration File signal 1: autoint1.e
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Quant Time: Jul 11 07:17:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070319CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jul 05 03:58:18 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



QEdit

(13) Dieldrin (MA)
5.560min 112.469 ng/ml
response 110200886

(13) Dieldrin #2 (MA)
6.458min 92.641 ng/ml m
response 137298856

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
Operator : SM\AJ
Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

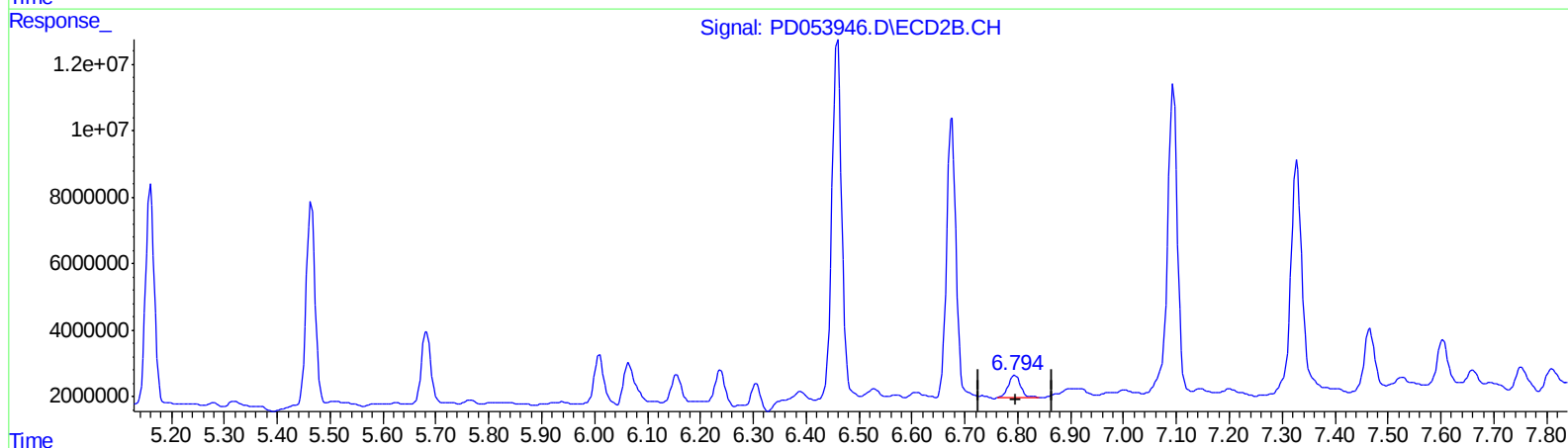
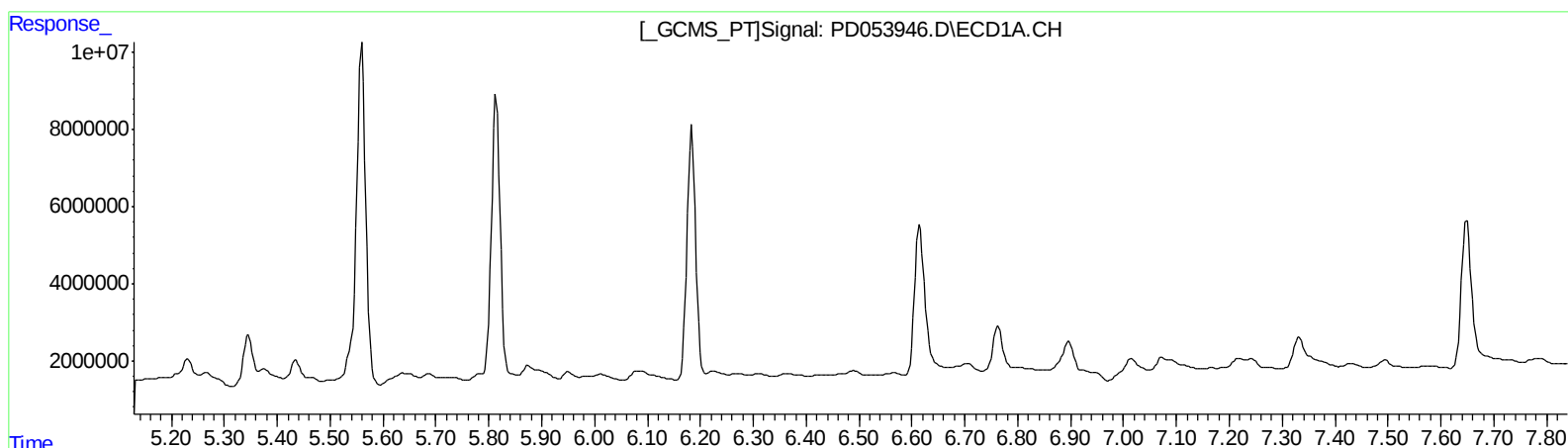
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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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)
6.795min 9.814 ng/ml
response 10913289

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jul 2019 13:05
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Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

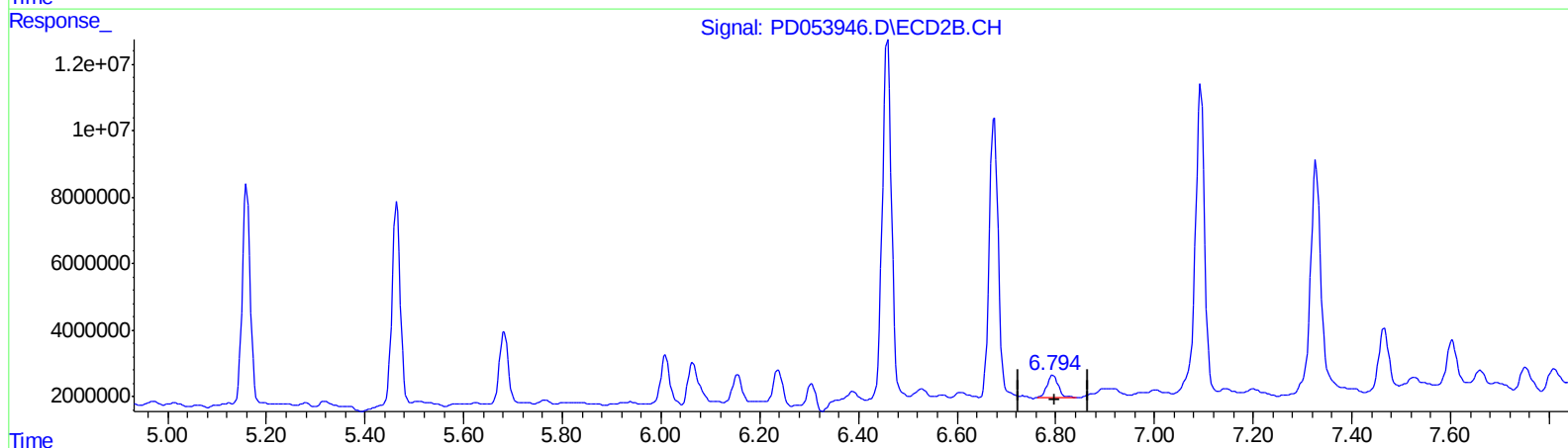
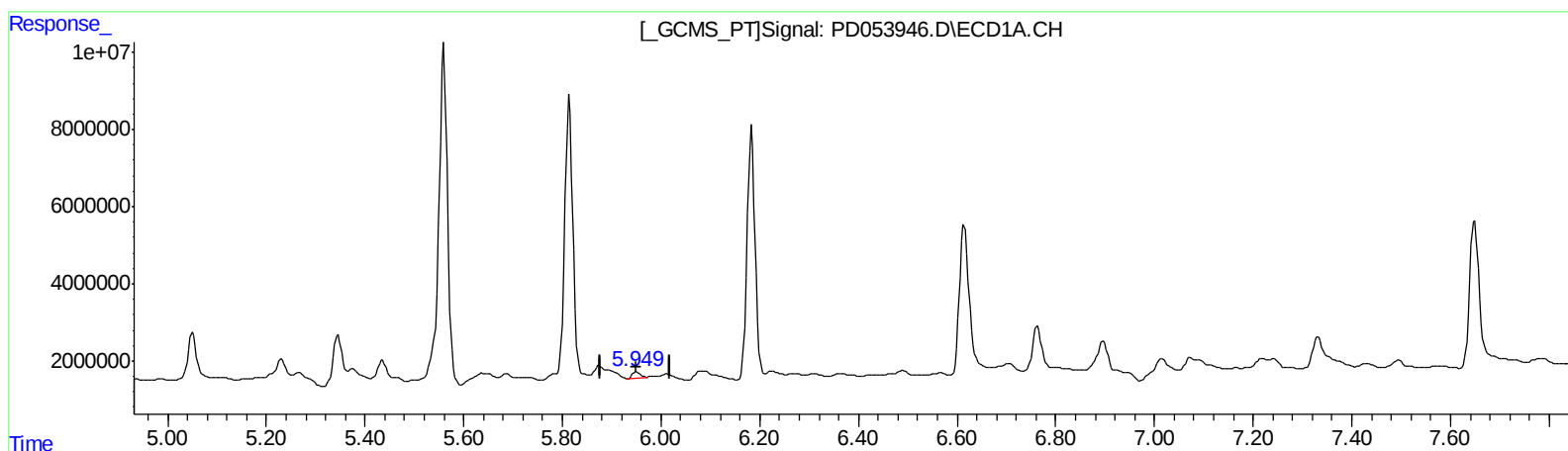
Instrument :
ECD_D
ClientSampleId :
C5BB5MSD

Manual Integrations
APPROVED

Ankita
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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

(16) 4,4'-DDD (A)
5.949min 2.612 ng/ml m
response 1784839

(16) 4,4'-DDD #2 (A)
6.795min 9.814 ng/ml
response 10913289

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
Data File : PD053946.D
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Sample : K3673-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

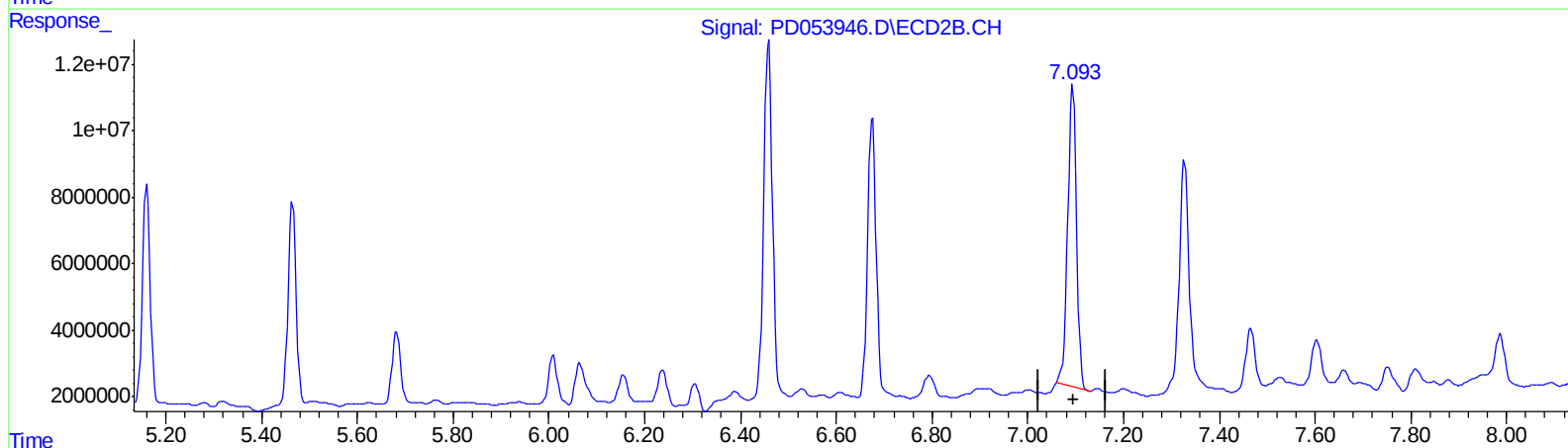
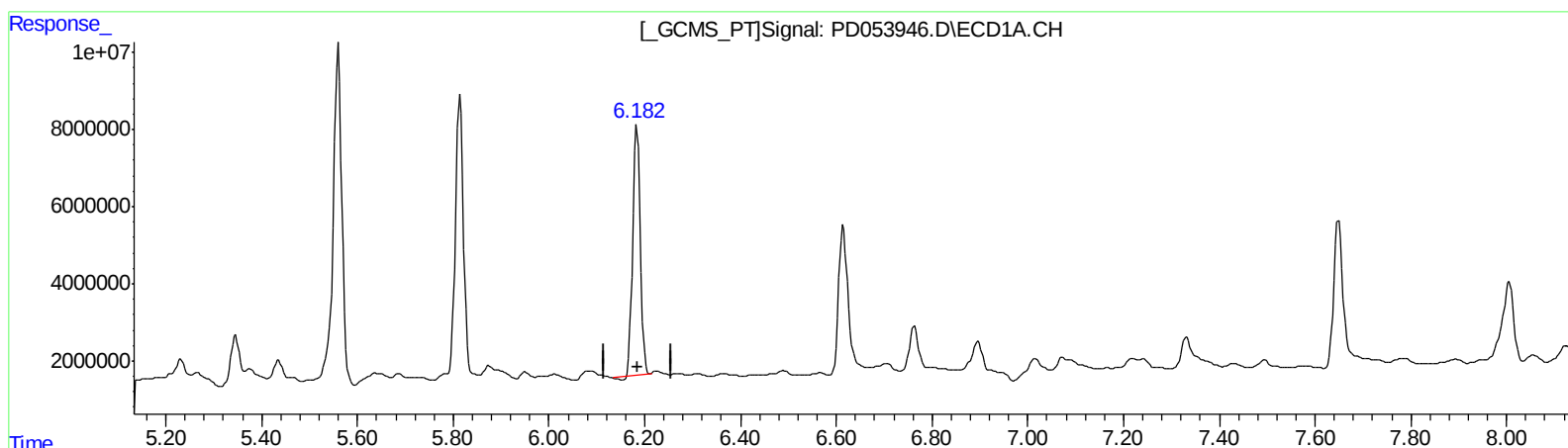
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(17) 4,4'-DDT (MA)

6.184min 99.646 ng/ml

response 71413020

(17) 4,4'-DDT #2 (MA)

7.094min 95.235 ng/ml

response 112337958

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
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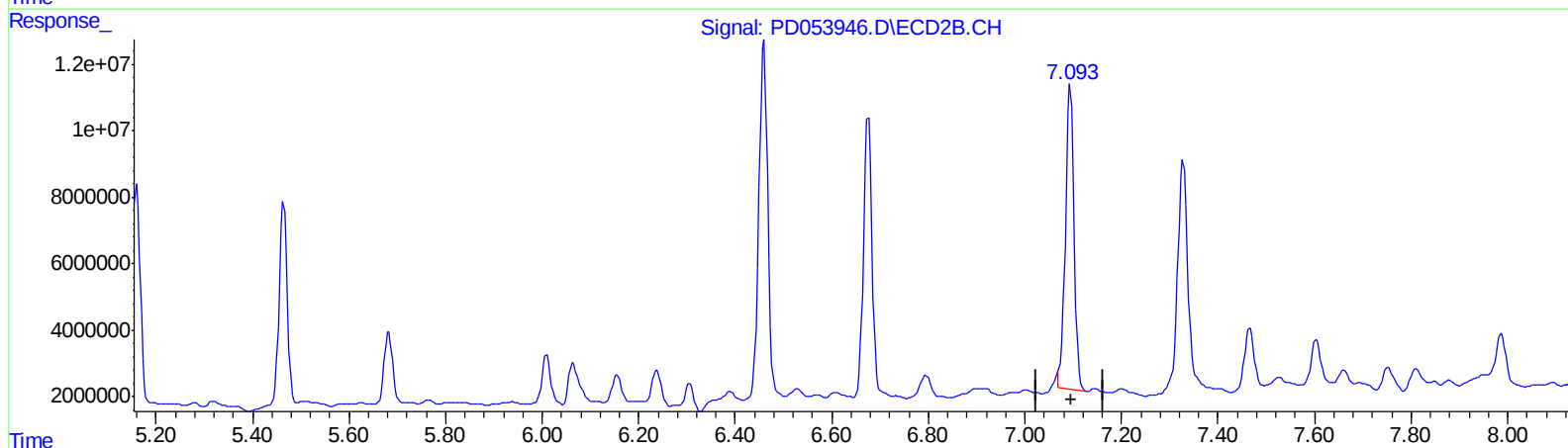
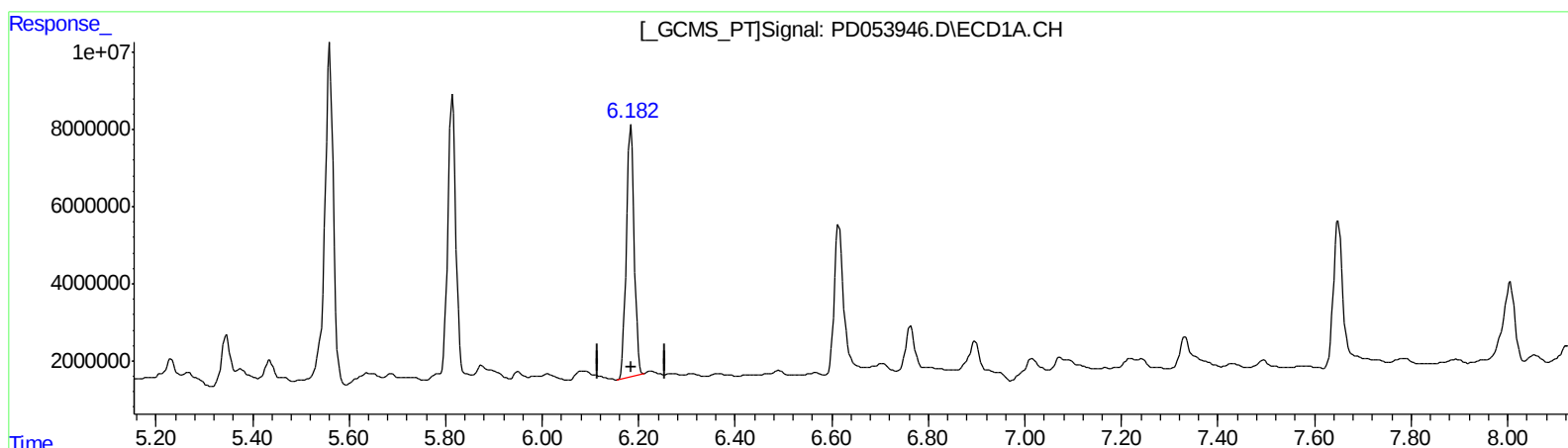
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(17) 4,4'-DDT (MA)

6.182min 102.024 ng/ml m

response 73117122

(17) 4,4'-DDT #2 (MA)

7.093min 96.972 ng/ml m

response 114386541

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
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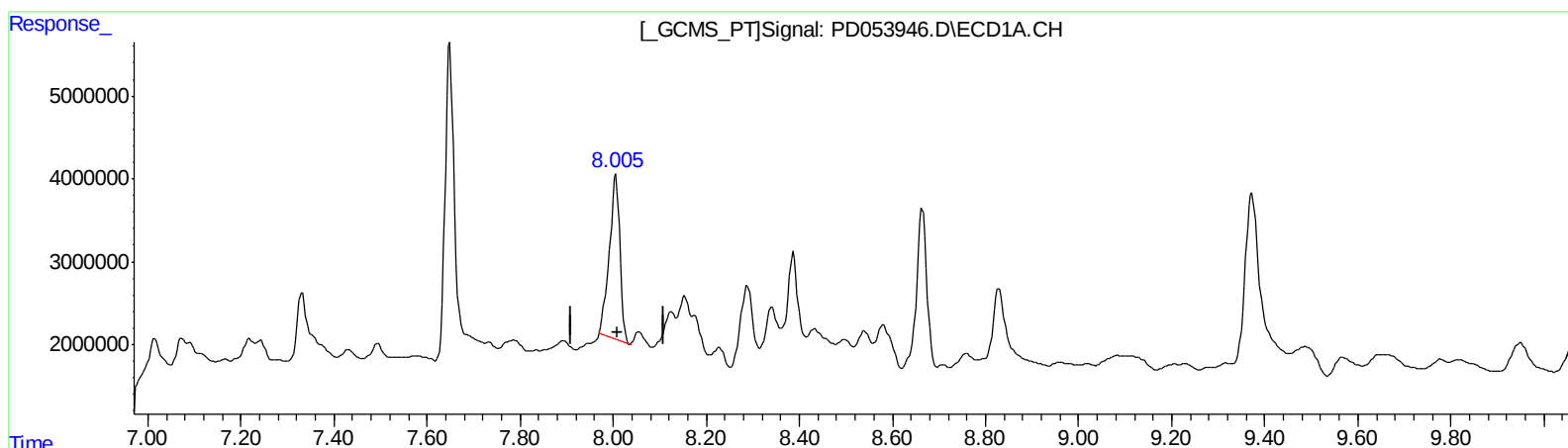
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(27) Decachlorobiphenyl (SA)

8.006min 42.260 ng/ml

response 31386315

(27) Decachlorobiphenyl #2 (SA)

9.023min 24.473 ng/ml

response 25570529

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
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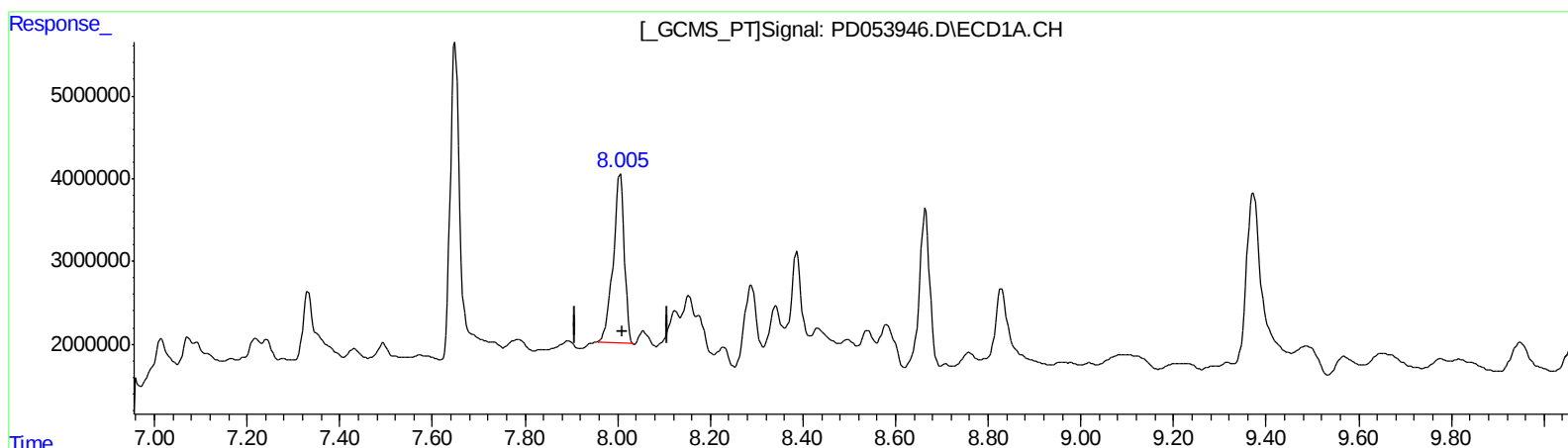
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Manual Integrations
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QLast Update : Fri Jul 05 03:58:18 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



(27) Decachlorobiphenyl (SA)

8.005min 45.288 ng/ml m

response 33635251

(27) Decachlorobiphenyl #2 (SA)

9.022min 37.923 ng/ml m

response 39623109

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071019\
 Data File : PD053946.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Jul 2019 13:05
 Operator : SM\AJ
 Sample : K3673-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C5BB5MSD

Manual Integrations
 APPROVED

Ankita
 7/12/2019 10:06:25 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 07:17:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070319CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 05 03:58:18 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 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	3.983	16497509	23408886	21.622	20.756
27) SA Decachlor...	8.005	9.022	33635251	39623109	45.288m	37.923m
Target Compounds						
3) MA gamma-BHC...	4.018	4.652	53397875	77100408	50.052m	49.996m
4) MA Heptachlor	4.307	5.160	48244797	75196181	49.651	47.485
5) MB Aldrin	4.549	5.465	48308653	70761745	49.505	47.232
10) B trans-Chl...	5.212	6.064	1255467	19928971	1.312m	13.203 #
11) B cis-Chlor...	5.265	6.156	2763131	10808484	2.959m	7.340 #
12) B 4,4'-DDE	5.434	6.306	5437134	8645761	6.000m	6.143
13) MA Dieldrin	5.560	6.458	110.2E6	137.3E6	112.469	92.641m
14) MA Endrin	5.814	6.676	81945842	105.1E6	98.505	91.583
16) A 4,4'-DDD	5.949	6.795	1784839	10913289	2.612m	9.814 #
17) MA 4,4'-DDT	6.182	7.093	73117122	114.4E6	102.024m	96.972m

AS
 07/12/19

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