

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091819\
Data File : PD054720.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Sep 2019 3:36
Operator : SG\AJ
Sample : PEM08
Misc :
ALS Vial : 3 Sample Multiplier: 1

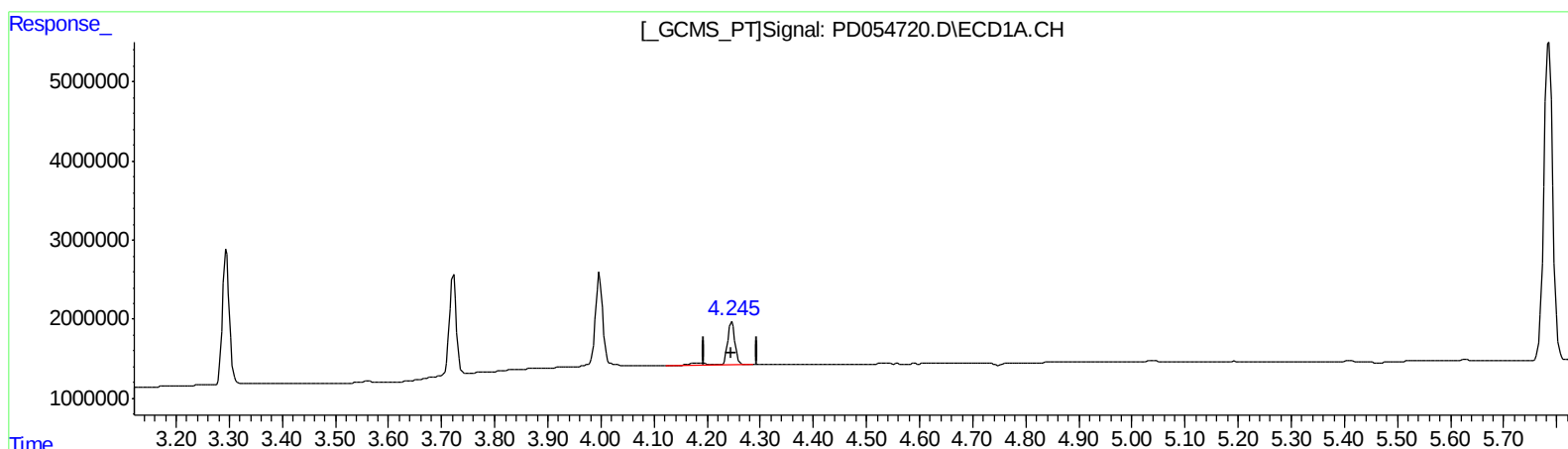
Instrument :
ECD_D
LabSampleId :
PEM08

Manual Integrations
APPROVED

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9/19/2019 3:07:15 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:28:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091819CLP.M
Quant Title : GC Extractables
QLast Update : Wed Sep 18 17:43:20 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)
4.247min 14.379 ng/ml
response 6041862

(6) beta-BHC #2 (B)
4.802min 11.840 ng/ml
response 6302644

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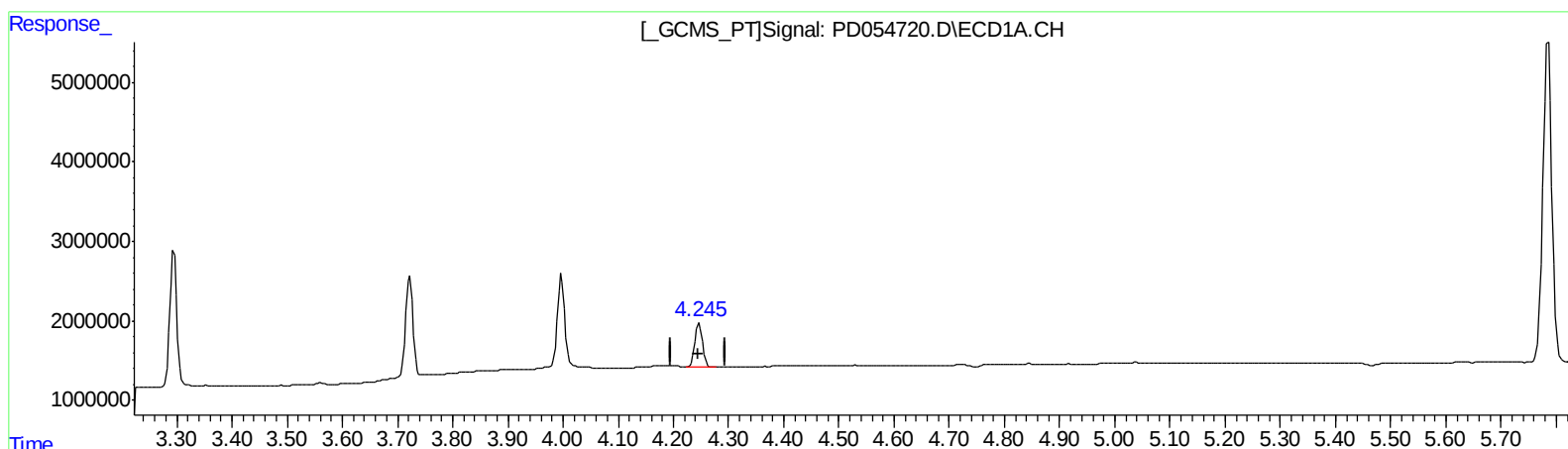
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(6) beta-BHC (B)
4.245min 12.345 ng/ml m
response 5187225

(6) beta-BHC #2 (B)
4.802min 11.840 ng/ml
response 6302644

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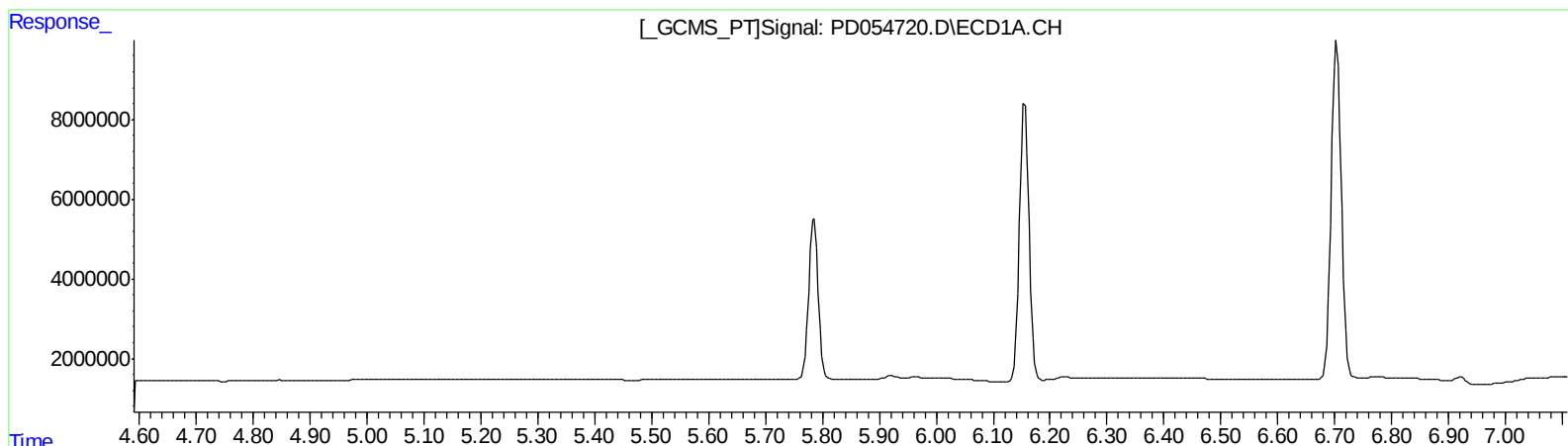
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(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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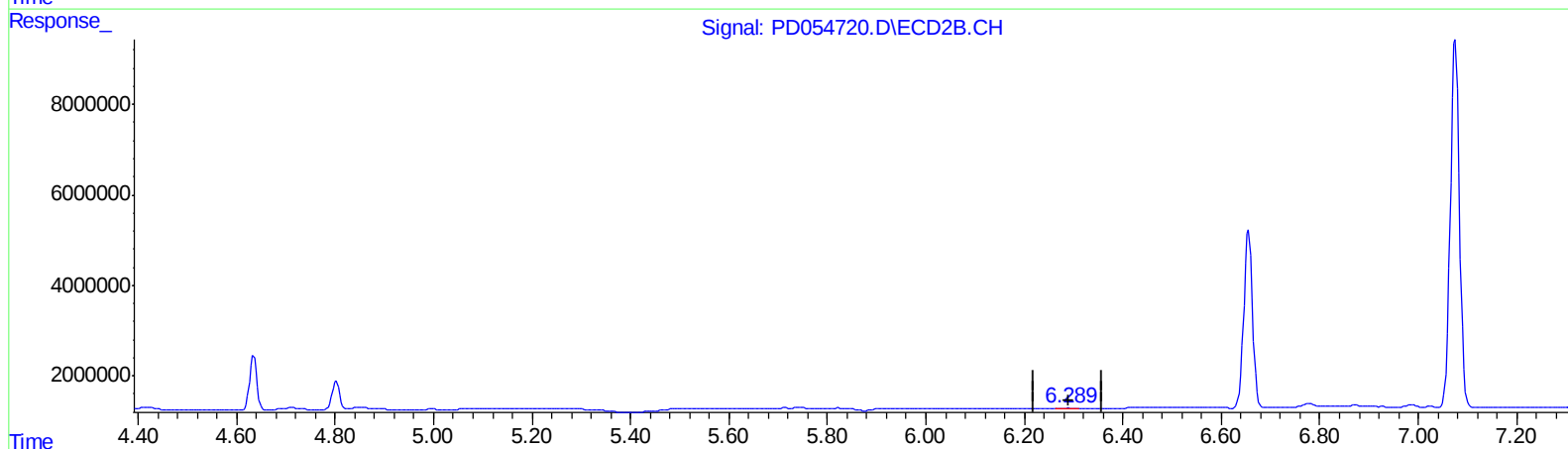
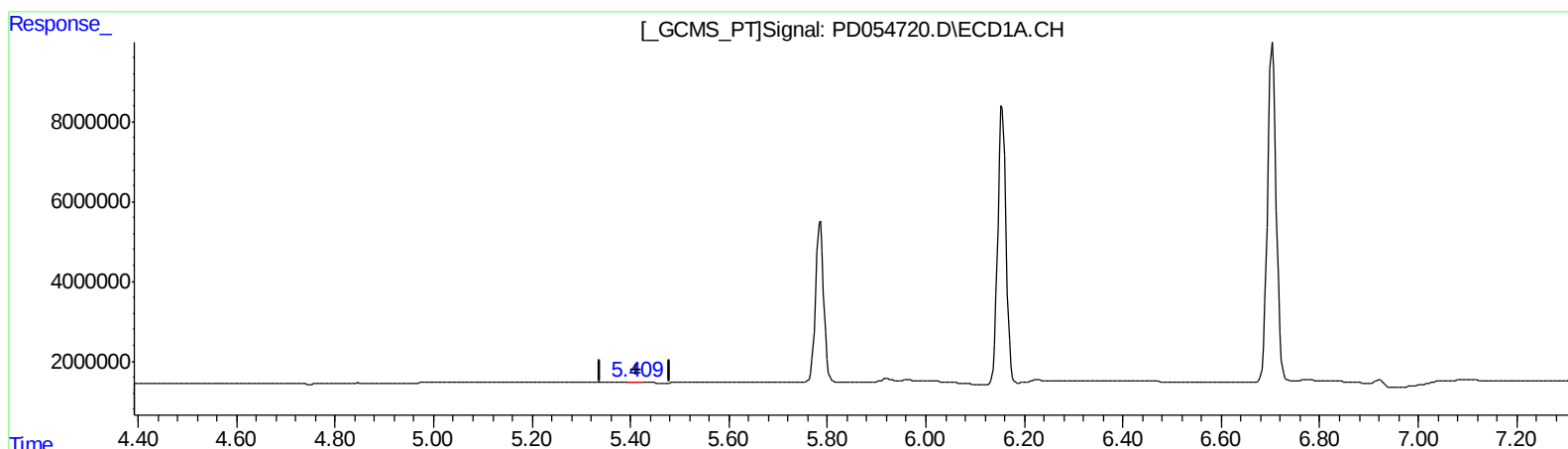
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QEdit

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

5.409min 0.105 ng/ml m

response 93114

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

6.289min 0.219 ng/ml m

response 236513

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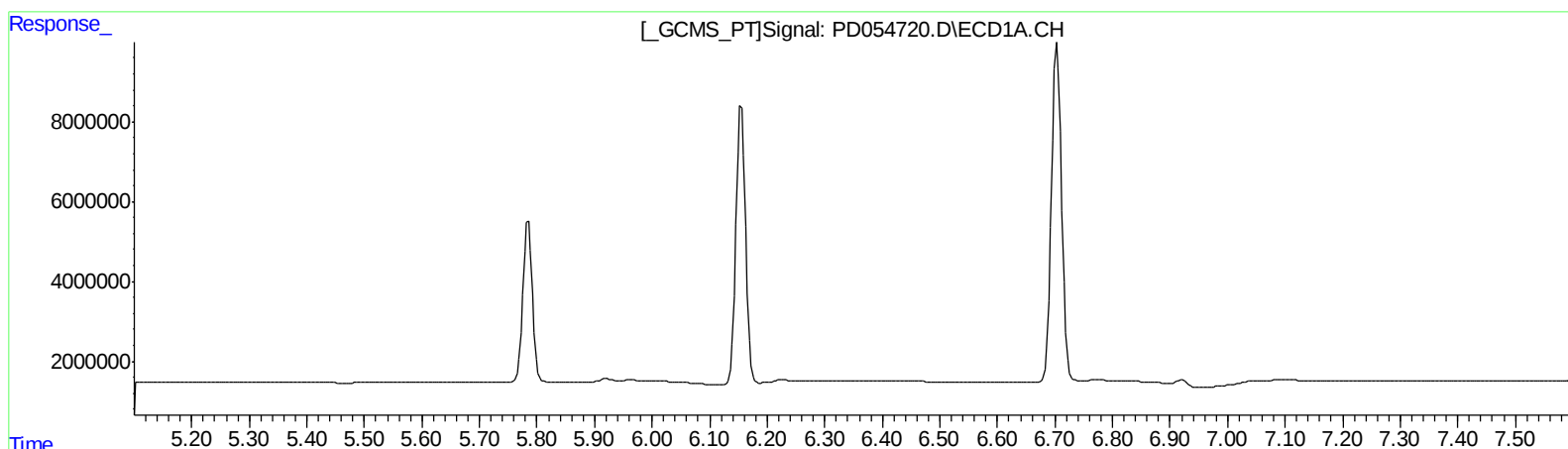
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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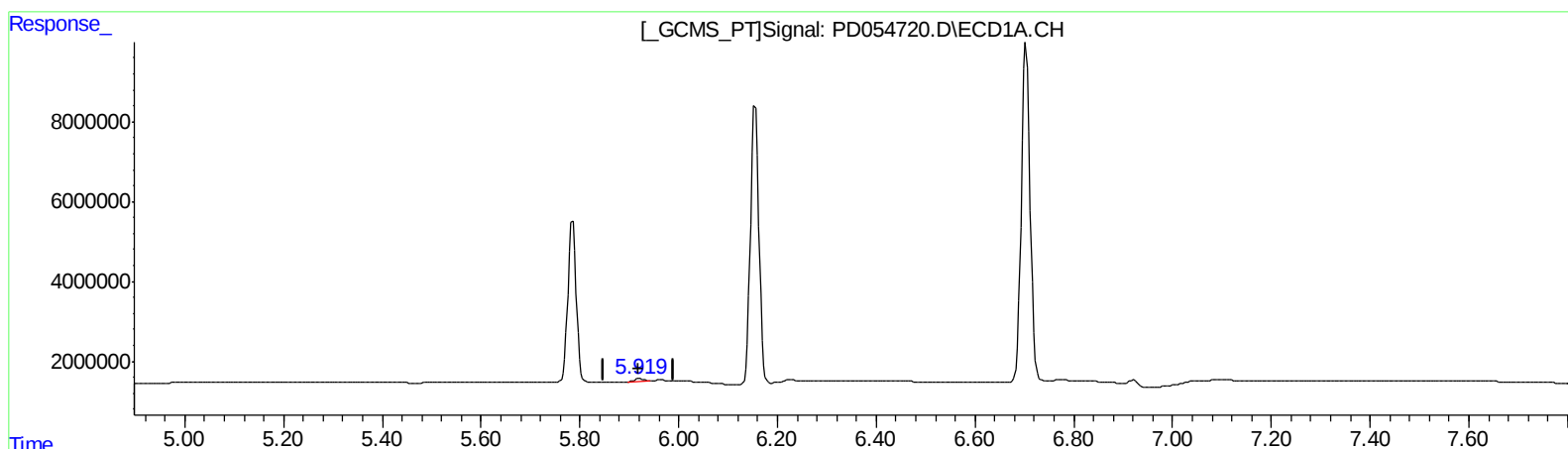
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
5.919min 0.905 ng/ml m
response 701264

(16) 4,4'-DDD #2 (A)
6.777min 0.945 ng/ml m
response 896767

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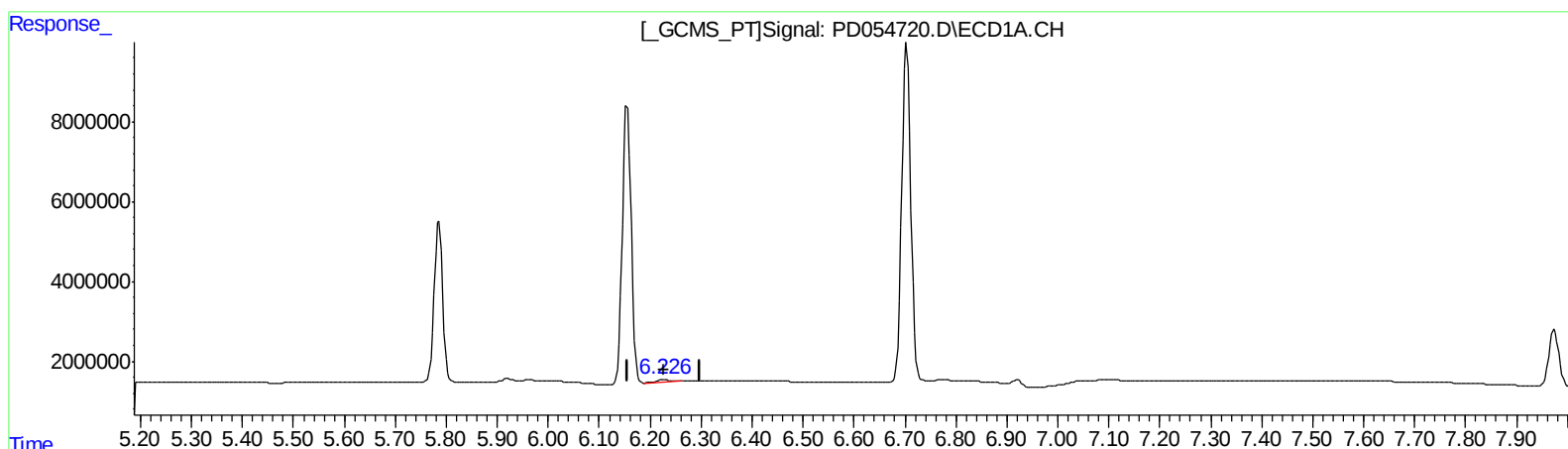
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.226min 1.378 ng/ml m

response 975905

(18) Endrin aldehyde #2 (B)

6.985min 0.732 ng/ml m

response 632556

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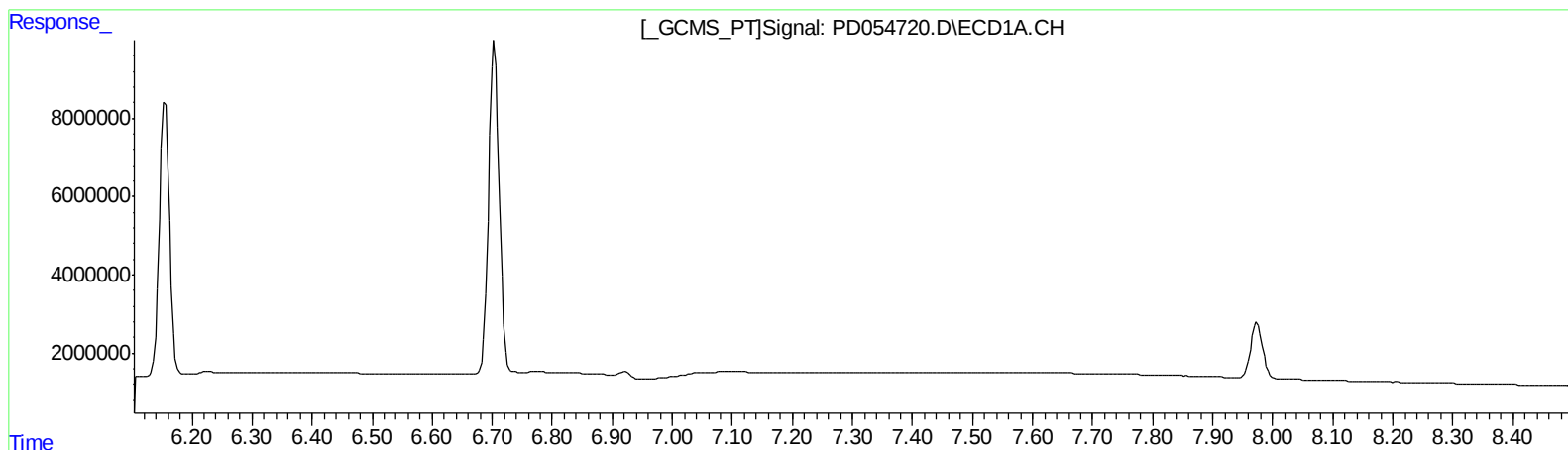
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

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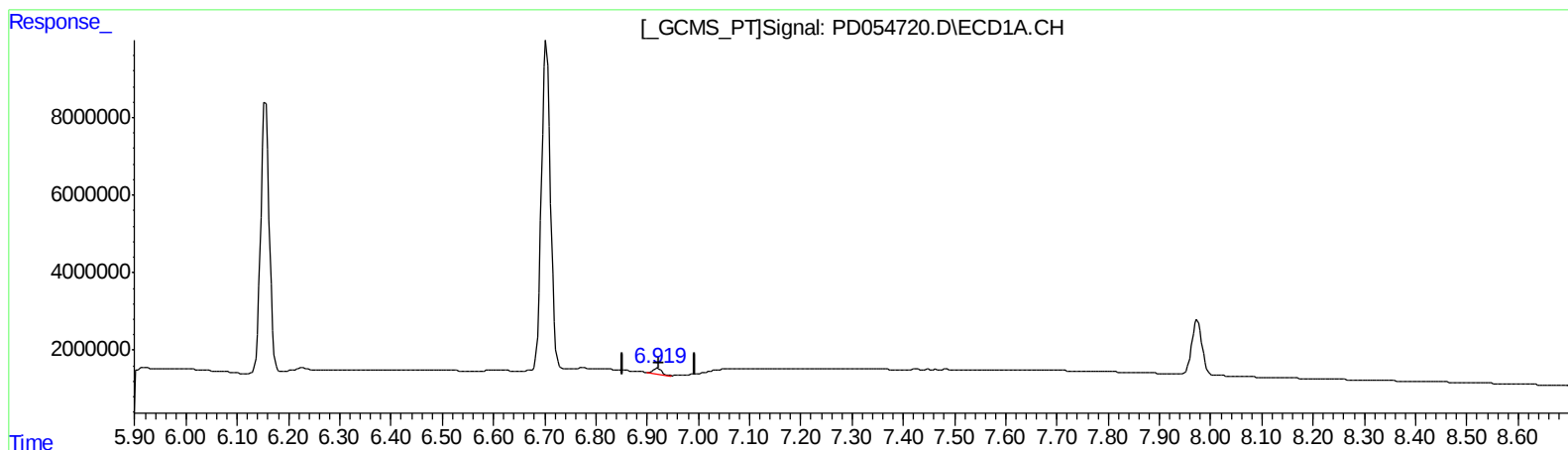
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

6.919min 1.858 ng/ml m

response 1713384

(21) Endrin ketone #2 (B)

7.676min 1.873 ng/ml m

response 2099269

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091819\
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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...	3.295	3.966	15514975	18625415	22.968	22.832
27) SA Decachlor...	7.974	9.001	19527230	22579021	22.158	21.958
Target Compounds						
2) A alpha-BHC	3.722	4.352	11226158	12359537	11.766	11.279
3) MA gamma-BHC...	3.998	4.635	11142118	12268536	11.664	11.286
6) B beta-BHC	4.245	4.802	5187225	6302644	12.345m	11.840
12) B 4,4'-DDE	5.409	6.289	93114	236513	0.105m	0.219m#
14) MA Endrin	5.785	6.656	46779307	48653008	58.935	56.420
16) A 4,4'-DDD	5.919	6.777	701264	896767	0.905m	0.945m
17) MA 4,4'-DDT	6.155	7.076	82183230	104.6E6	119.283	114.545
18) B Endrin al...	6.226	6.985	975905	632556	1.378m	0.732m#
20) A Methoxychlor	6.704	7.533	105.1E6	142.4E6	279.791	263.548
21) B Endrin ke...	6.919	7.676	1713384	2099269	1.858m	1.873m

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

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Manual Integrations
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AJ
 09/23/19