

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060319\
Data File : PD053488.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Jun 2019 15:25
Operator : SM\AJ
Sample : PEM29
Misc :
ALS Vial : 3 Sample Multiplier: 1

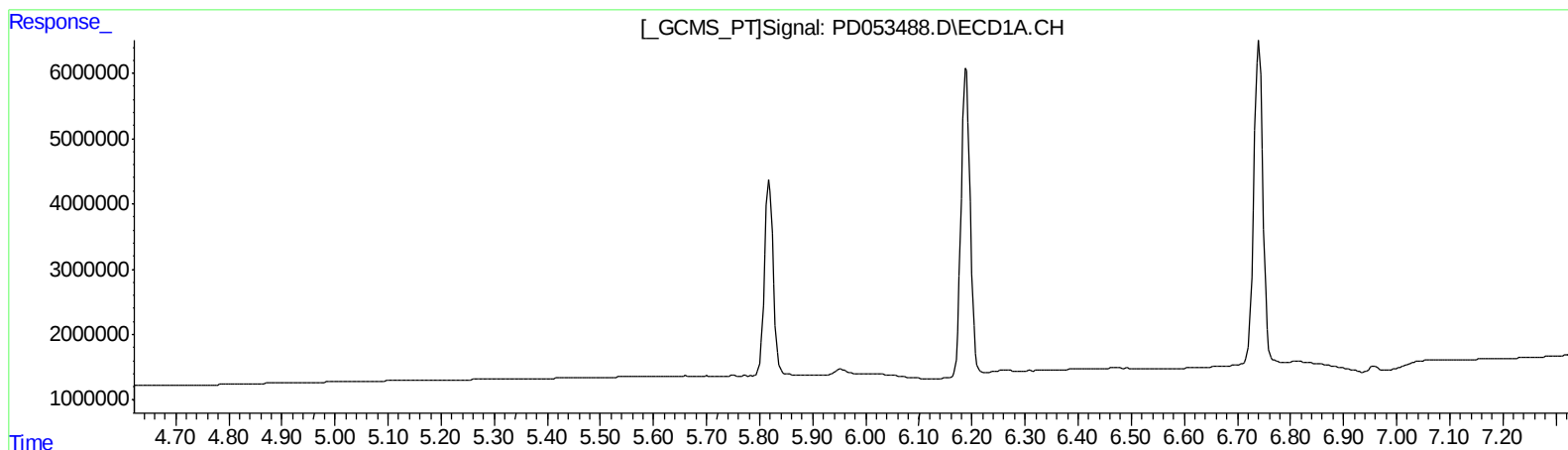
Instrument :
ECD_D
LabSampleId :
PEM29

Manual Integrations
APPROVED

Ankita
6/4/2019 10:16:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 04:16:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052119CLP.M
Quant Title : GC Extractables
QLast Update : Wed May 22 06:53:42 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



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

(12) 4,4'-DDE #2 (B)
6.313min 0.130 ng/ml
response 159939

(+) = Expected Retention Time

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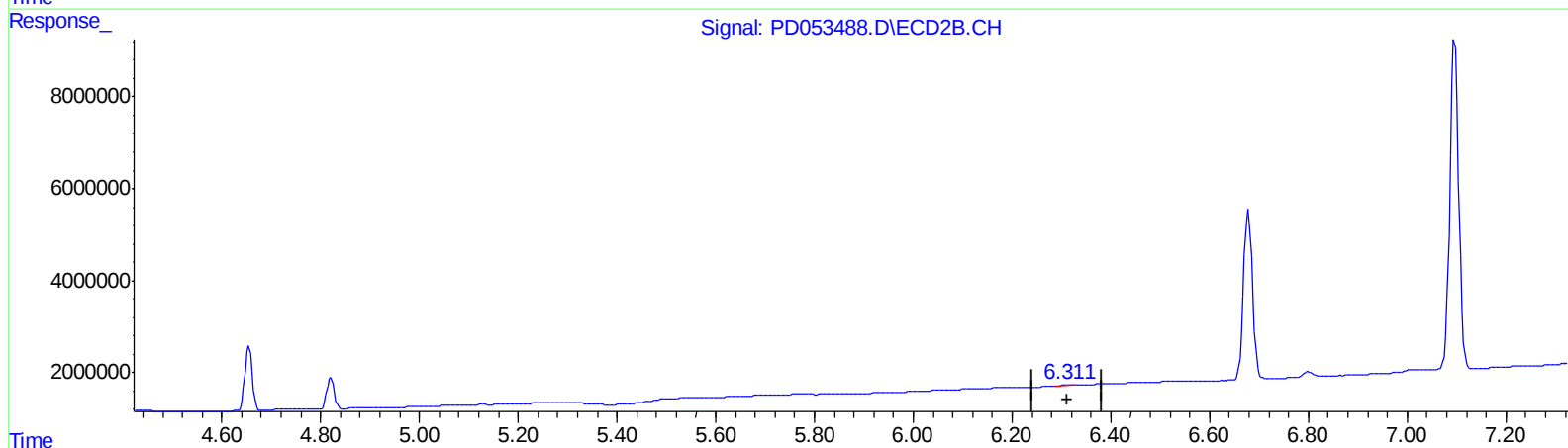
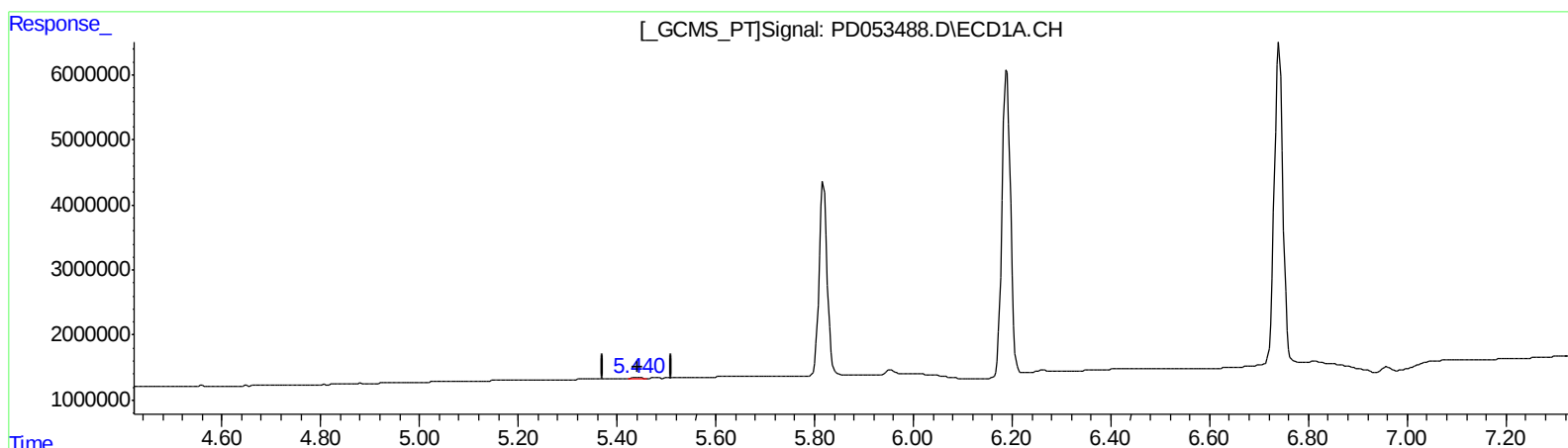
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QEdit

(12) 4,4'-DDE (B)
5.440min 0.140 ng/ml m
response 114223

(12) 4,4'-DDE #2 (B)
6.311min 0.156 ng/ml m
response 191961

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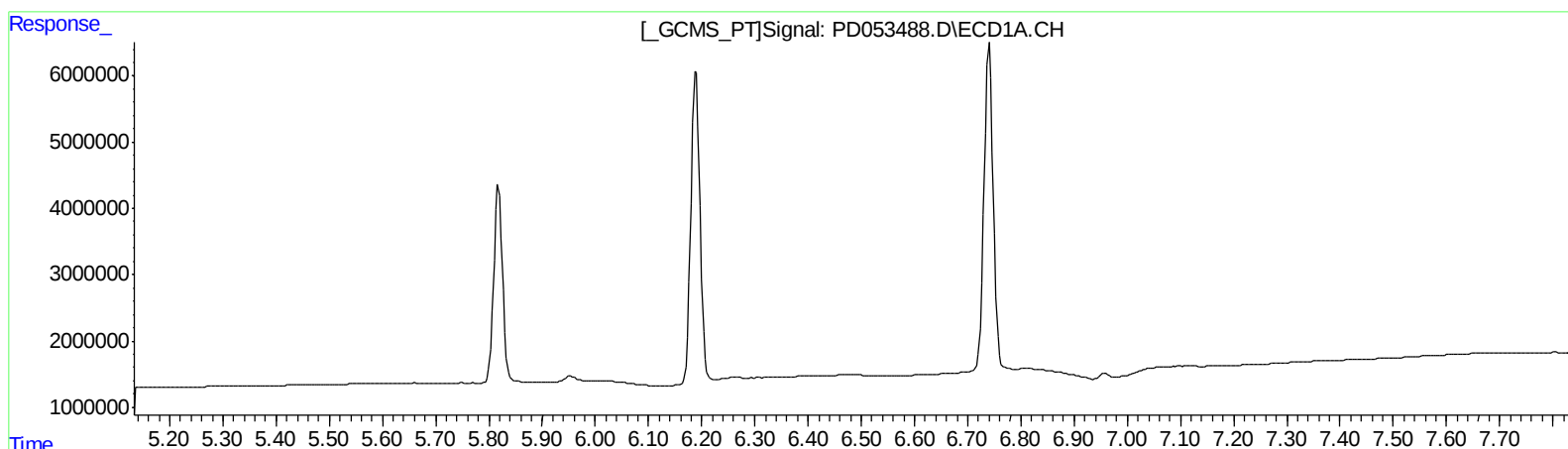
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(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.799min 1.574 ng/ml
response 1454199

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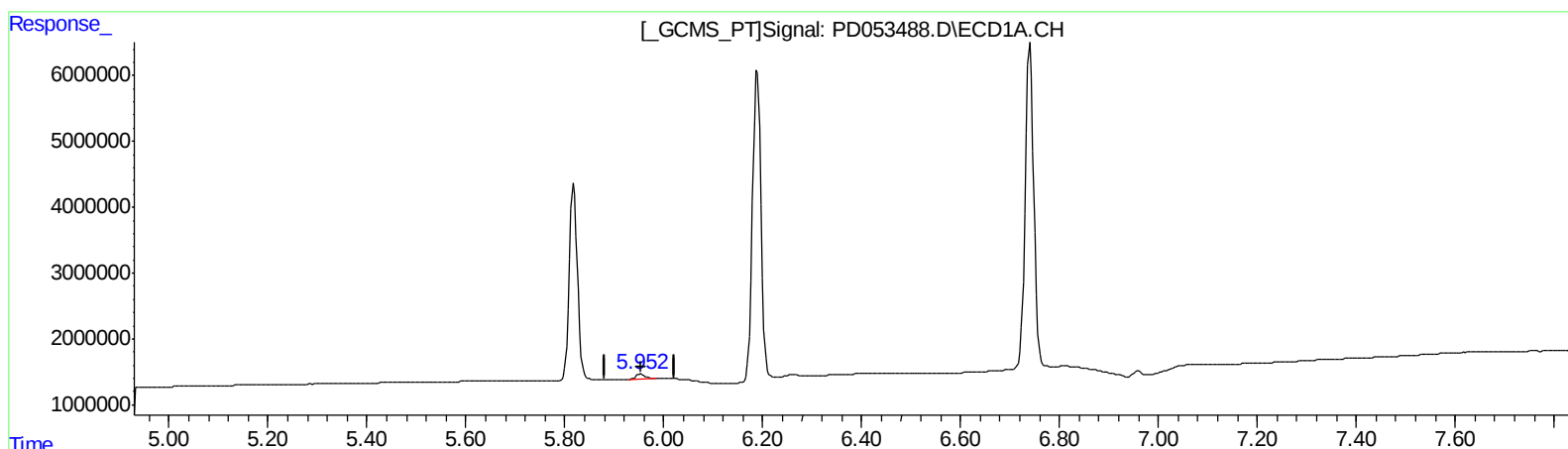
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(16) 4,4'-DDD (A)
5.952min 1.748 ng/ml m
response 937539

(16) 4,4'-DDD #2 (A)
6.797min 1.751 ng/ml m
response 1617500

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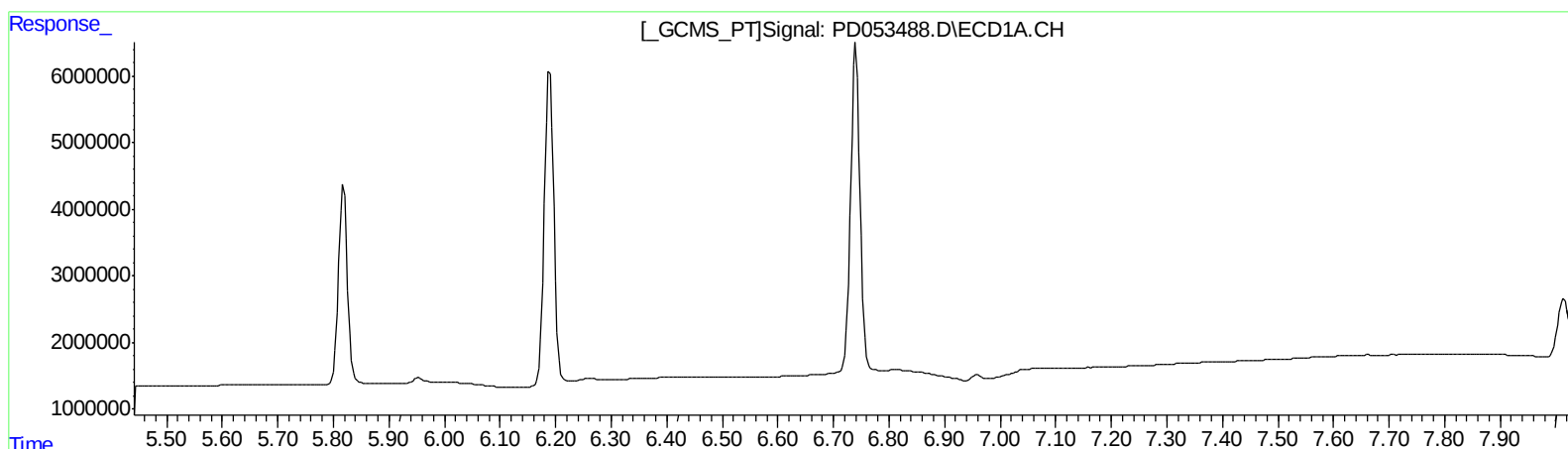
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

7.011min 0.309 ng/ml

response 275596

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ALS Vial : 3 Sample Multiplier: 1

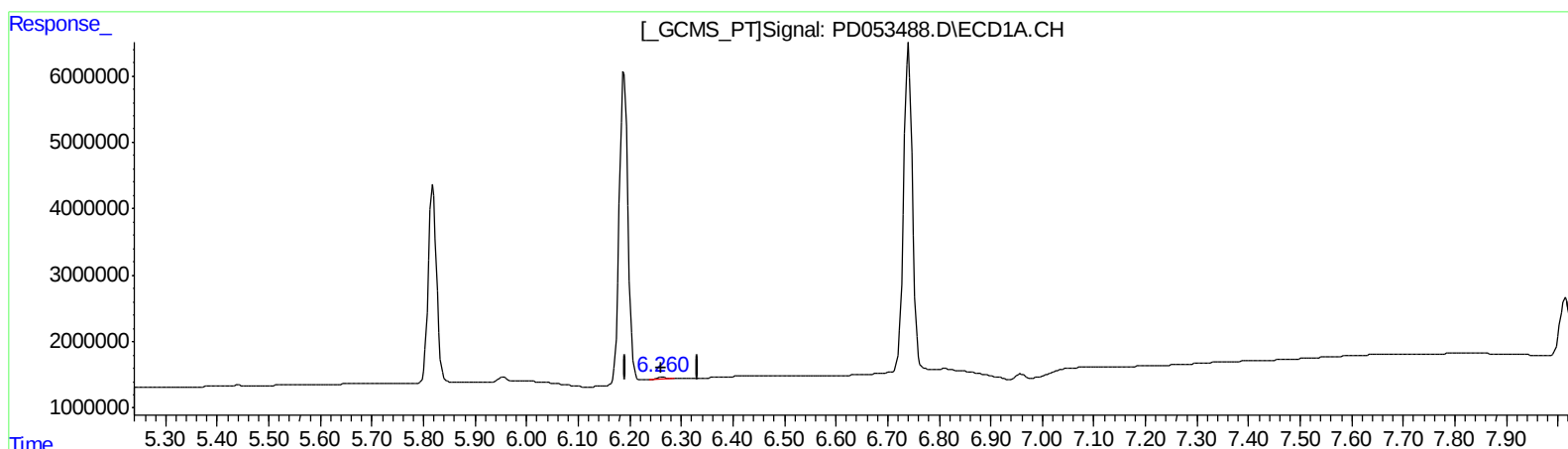
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.260min 0.571 ng/ml m

response 327970

(18) Endrin aldehyde #2 (B)

7.010min 0.408 ng/ml m

response 364287

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ALS Vial : 3 Sample Multiplier: 1

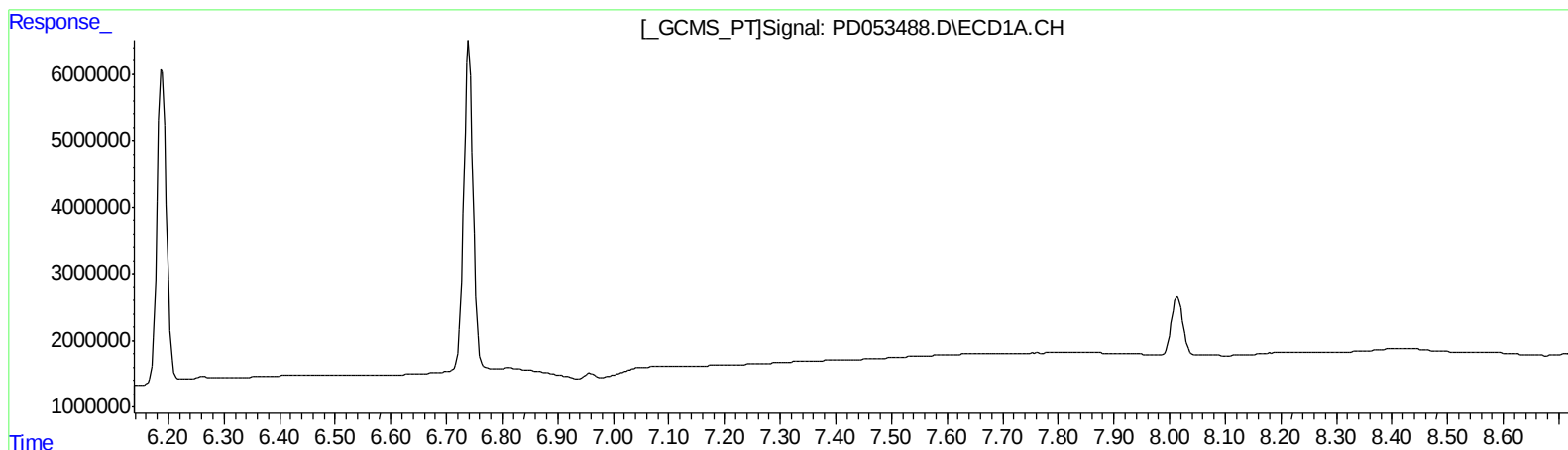
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
0.000min 0.000 ng/ml
response 0

(21) Endrin ketone #2 (B)
7.701min 0.515 ng/ml
response 549124

(+) = Expected Retention Time

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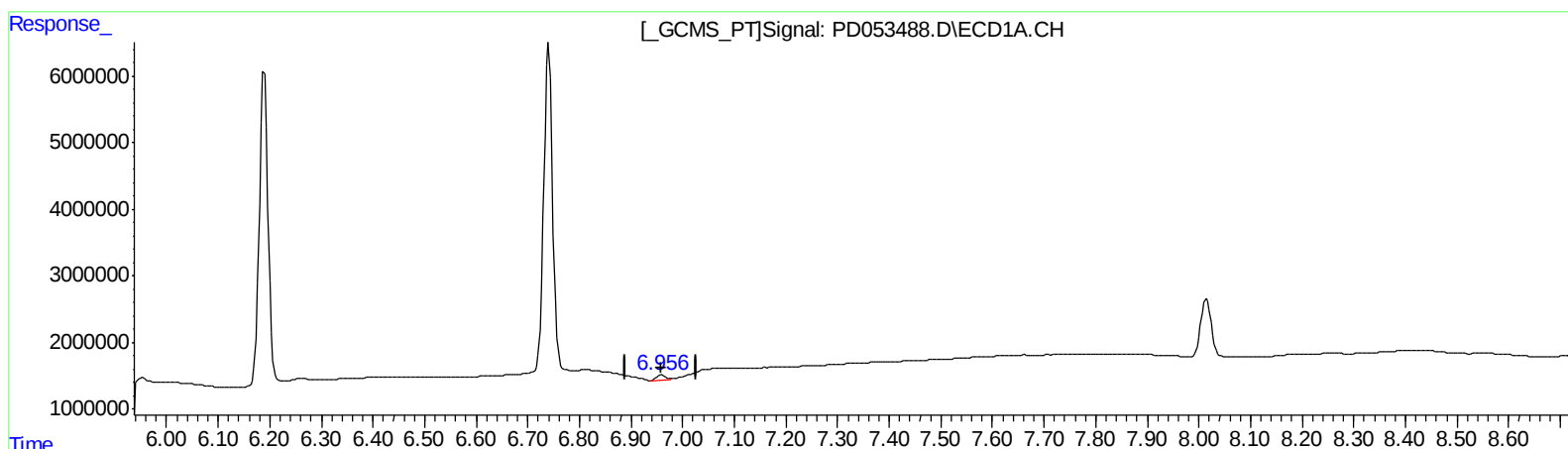
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
6.956min 1.373 ng/ml m
response 938192

(21) Endrin ketone #2 (B)
7.700min 1.083 ng/ml m
response 1154163

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 Acq On : 03 Jun 2019 15:25
 Operator : SM\AJ
 Sample : PEM29
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 LabSampleId :
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Manual Integrations
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 Signal #1 Info : 30M x 0.32mm x0.2 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...	3.316	3.985	15298831	22586318	20.880	22.941
27) SA Decachlor...	8.015	9.029	12239395	15873262	18.502	15.367
Target Compounds						
2) A alpha-BHC	3.746	4.372	10049248	14314953	10.740	11.863
3) MA gamma-BHC...	4.023	4.655	9582014	14299915	11.173	12.251
6) B beta-BHC	4.272	4.821	4467728	7036711	10.762	11.997
12) B 4,4'-DDE	5.440	6.311	114223	191961	0.140m	0.156m
14) MA Endrin	5.818	6.679	34172243	46400262	52.399	51.680
16) A 4,4'-DDD	5.952	6.797	937539	1617500	1.748m	1.751m
17) MA 4,4'-DDT	6.189	7.096	55533383	90071219	102.446	102.168
18) B Endrin al...	6.260	7.010	327970	364287	0.571m	0.408m#
20) A Methoxychlor	6.741	7.552	59473851	112.2E6	261.449	261.054
21) B Endrin ke...	6.956	7.700	938192	1154163	1.373m	1.083m

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

AJ
 06/05/19