

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD123019\
Data File : PD056832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Dec 2019 10:12
Operator : SG\AJ
Sample : PEM17
Misc :
ALS Vial : 3 Sample Multiplier: 1

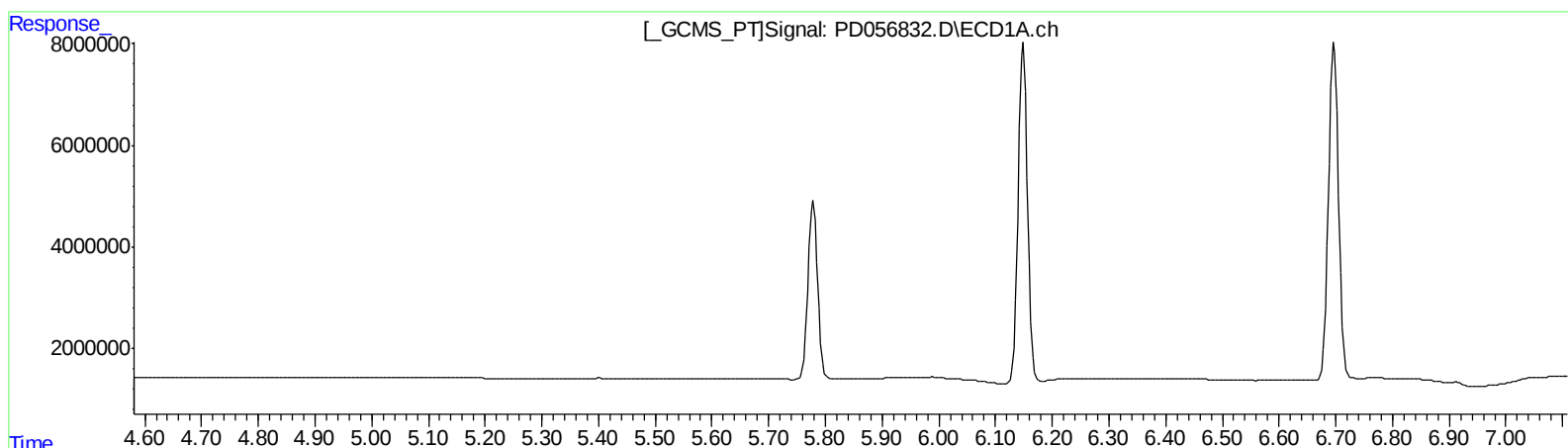
Instrument :
ECD_D
LabSampleId :
PEM17

Manual Integrations
APPROVED

mohammad
12/31/2019 11:58:15 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 00:53:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120219CLP.M
Quant Title : GC Extractables
QLast Update : Tue Dec 03 08:51:13 2019
Response via : Initial Calibration
Integrator: ChemStation

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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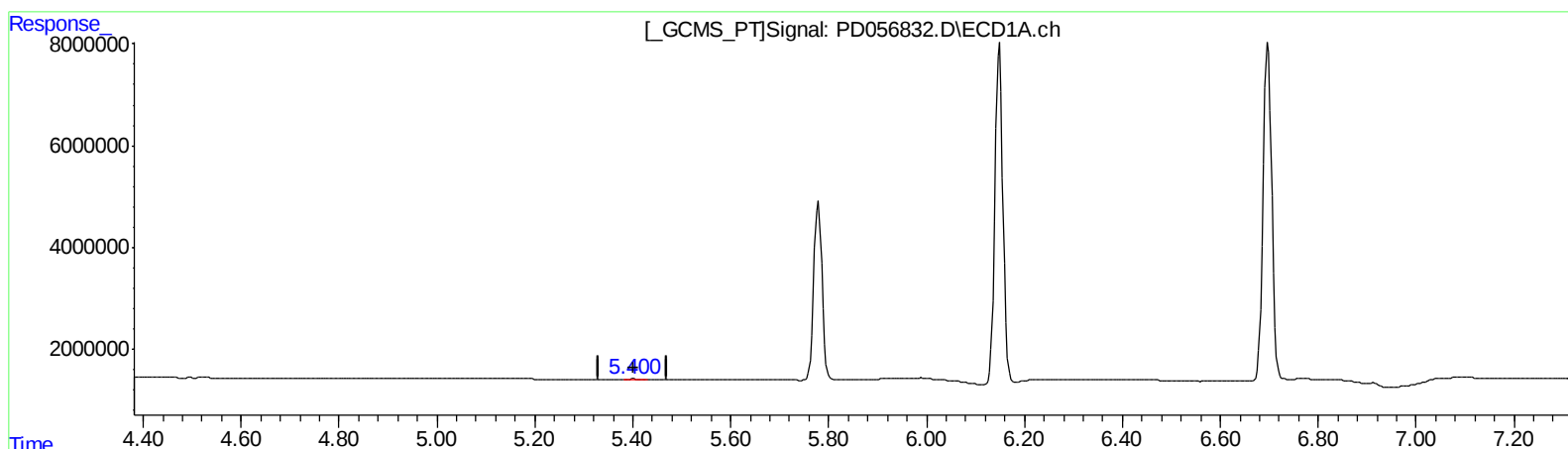
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(12) 4,4'-DDE (B)
5.400min 0.203 ng/ml m
response 205494

(12) 4,4'-DDE #2 (B)
6.285min 0.217 ng/ml m
response 340502

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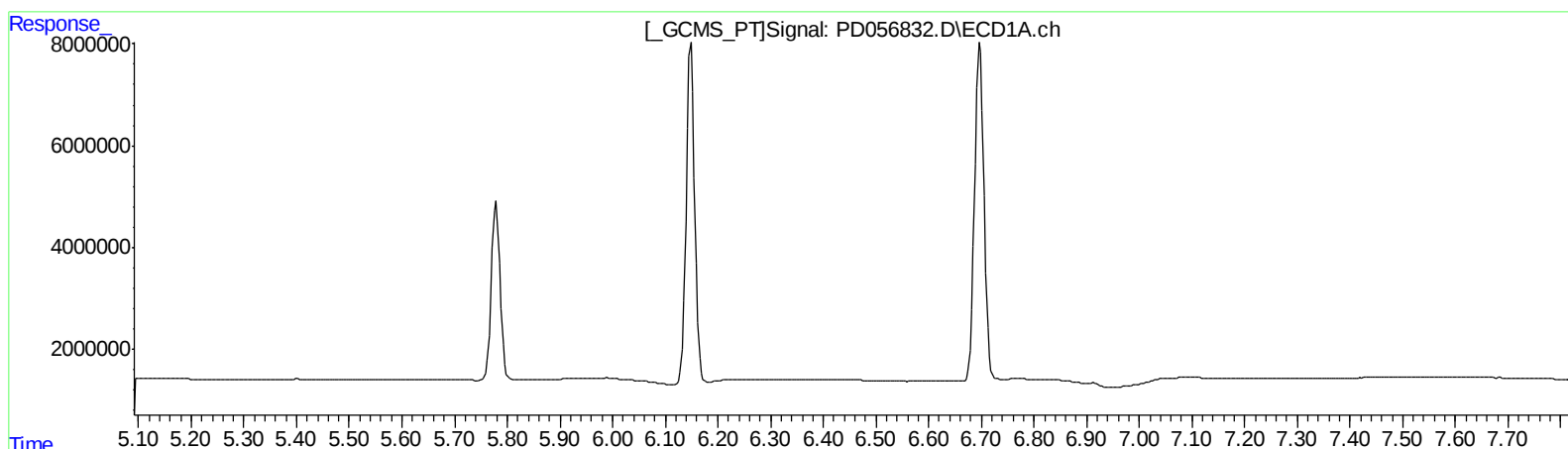
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(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.775min 0.423 ng/ml
response 497647

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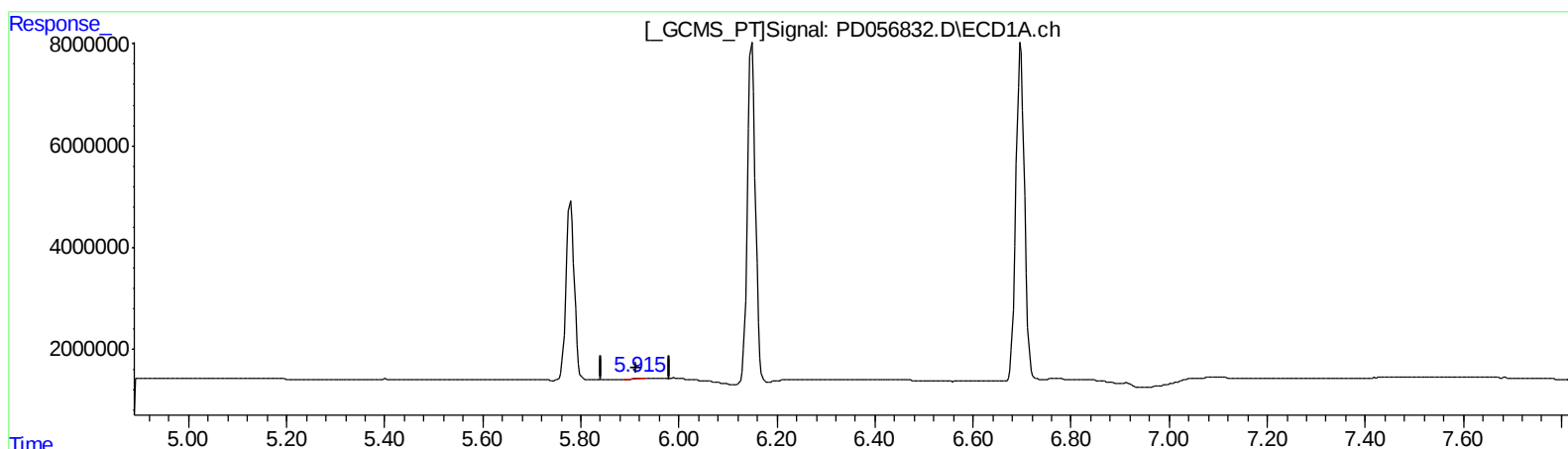
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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(16) 4,4'-DDD (A)
5.915min 0.389 ng/ml m
response 276997

(16) 4,4'-DDD #2 (A)
6.774min 0.695 ng/ml m
response 818160

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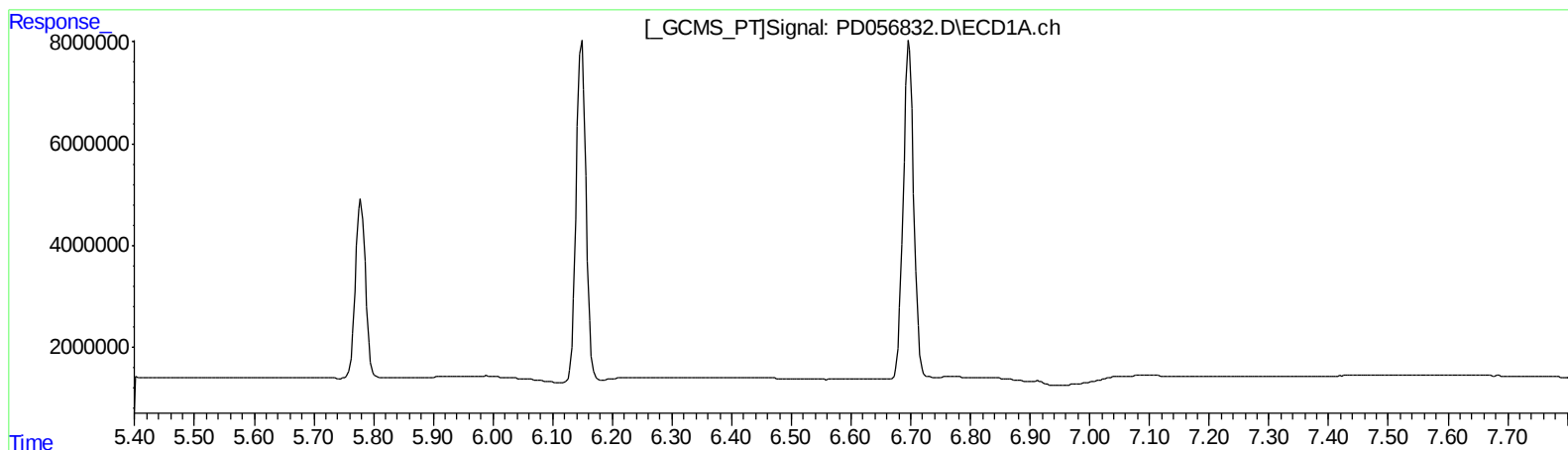
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(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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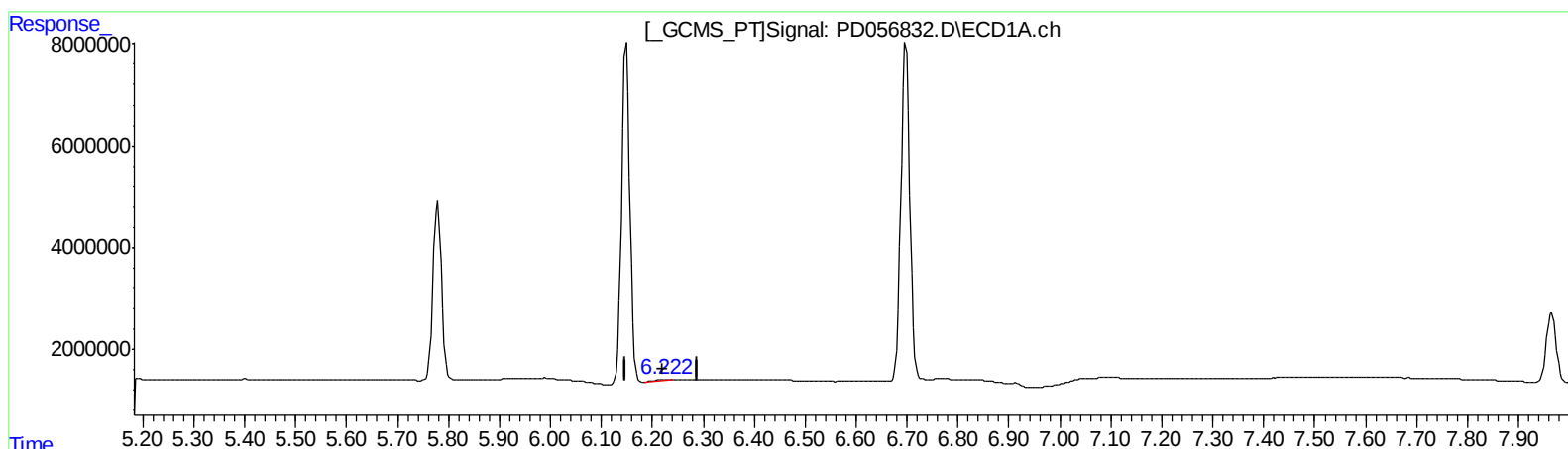
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(18) Endrin aldehyde (B)

6.222min 0.479 ng/ml m

response 380886

(18) Endrin aldehyde #2 (B)

6.983min 0.221 ng/ml m

response 269209

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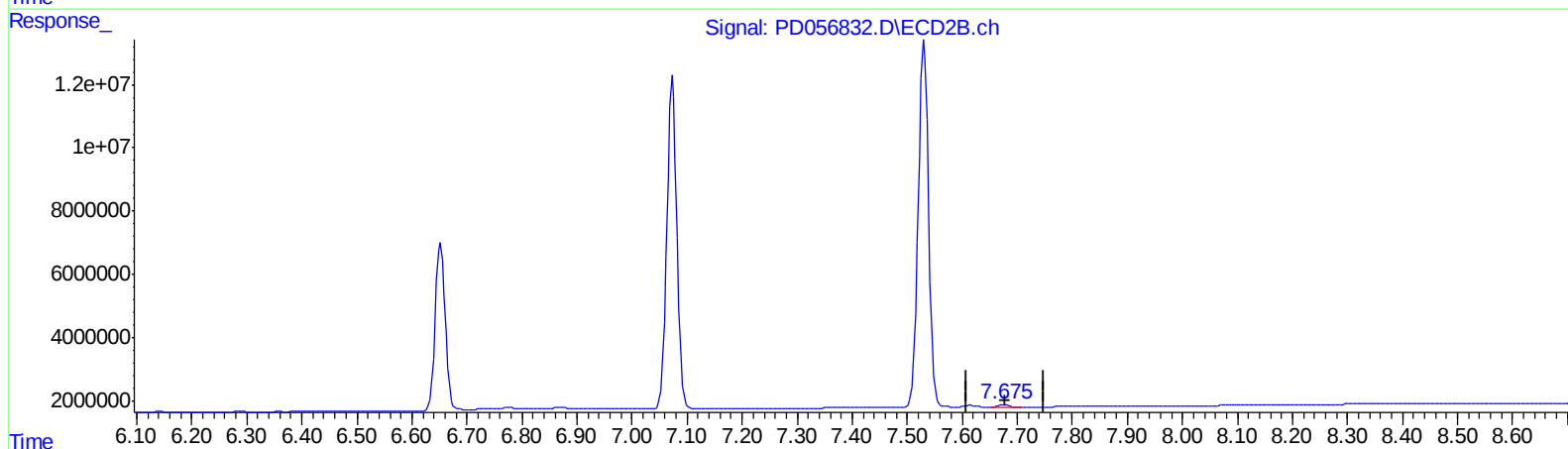
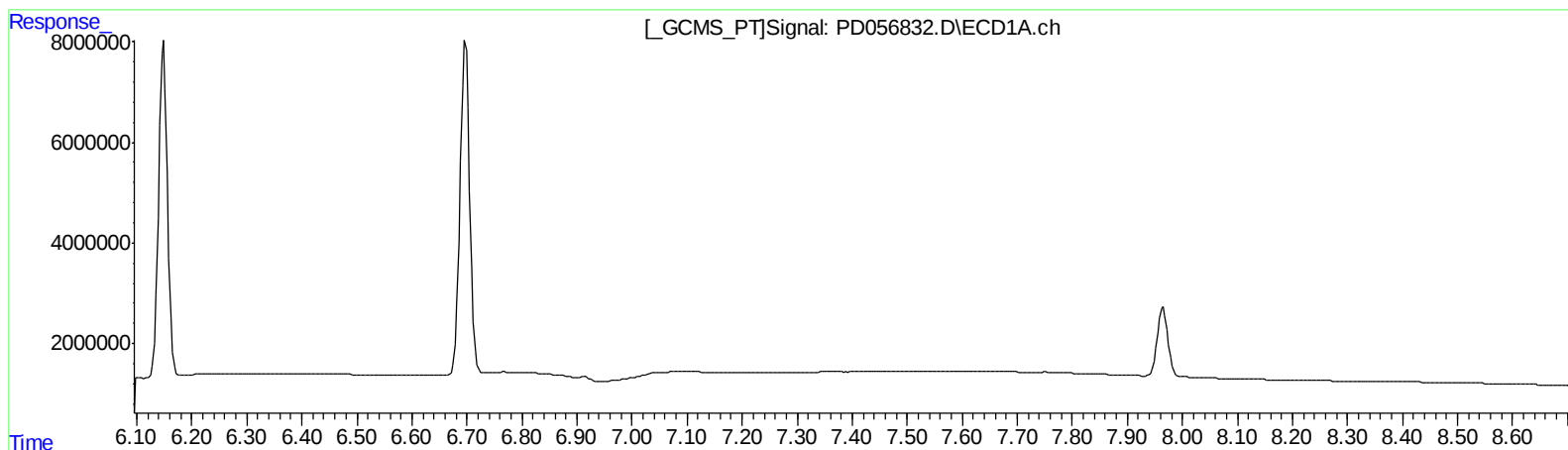
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

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

(21) Endrin ketone #2 (B)
7.676min 0.699 ng/ml
response 1028081

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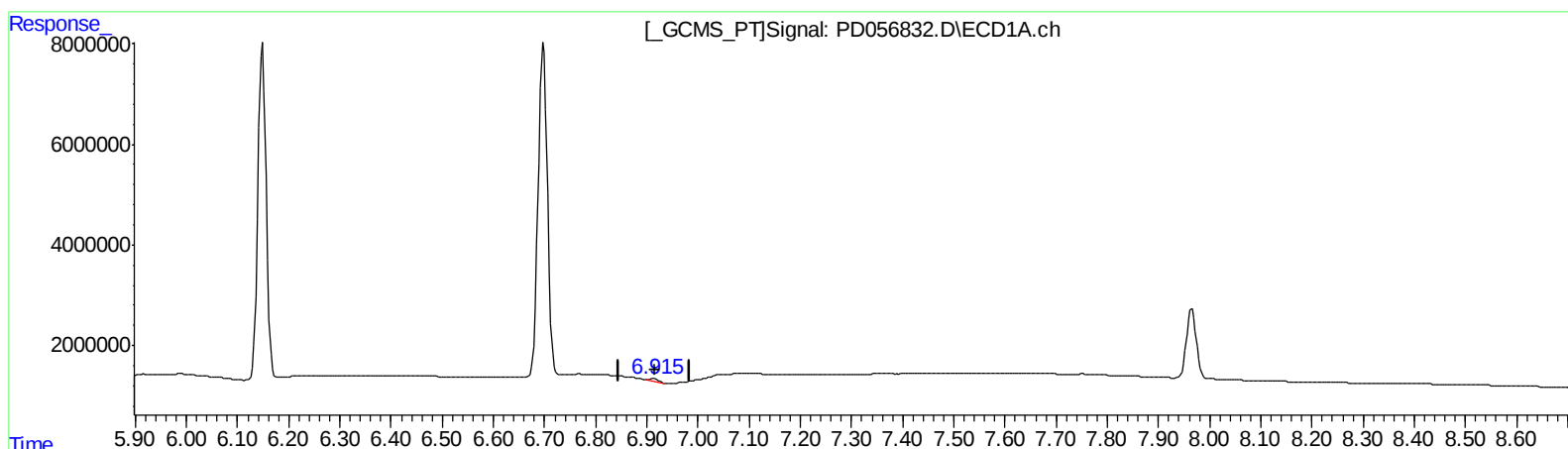
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
6.915min 0.554 ng/ml m
response 536508

(21) Endrin ketone #2 (B)
7.676min 0.699 ng/ml
response 1028081

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 Sample : PEM17
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
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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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.290	3.960	15867830	28395333	19.159	23.618
27) SA Decachlor...	7.965	9.000	18798164	26358310	20.818	21.908
Target Compounds						
2) A alpha-BHC	3.717	4.347	11420885	19116565	9.701	11.461
3) MA gamma-BHC...	3.993	4.630	11237895	19366021	10.008	12.000
6) B beta-BHC	4.244	4.799	5066785	9804400	9.414	11.897 #
12) B 4,4'-DDE	5.400	6.285	205494	340502	0.203m	0.217m
14) MA Endrin	5.779	6.652	41440871	67182828	49.589	53.084
16) A 4,4'-DDD	5.915	6.774	276997	818160	0.389m	0.695m#
17) MA 4,4'-DDT	6.149	7.073	75863900	132.6E6	107.816	112.174
18) B Endrin al...	6.222	6.983	380886	269209	0.479m	0.221m#
20) A Methoxychlor	6.698	7.531	81455214	149.9E6	240.337	247.405
21) B Endrin ke...	6.915	7.676	536508	1028081	0.554m	0.699 #

AJ
 12/31/19

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