

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112219\
Data File : PD056163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2019 16:21
Operator : SG\AJ
Sample : PEM33
Misc :
ALS Vial : 3 Sample Multiplier: 1

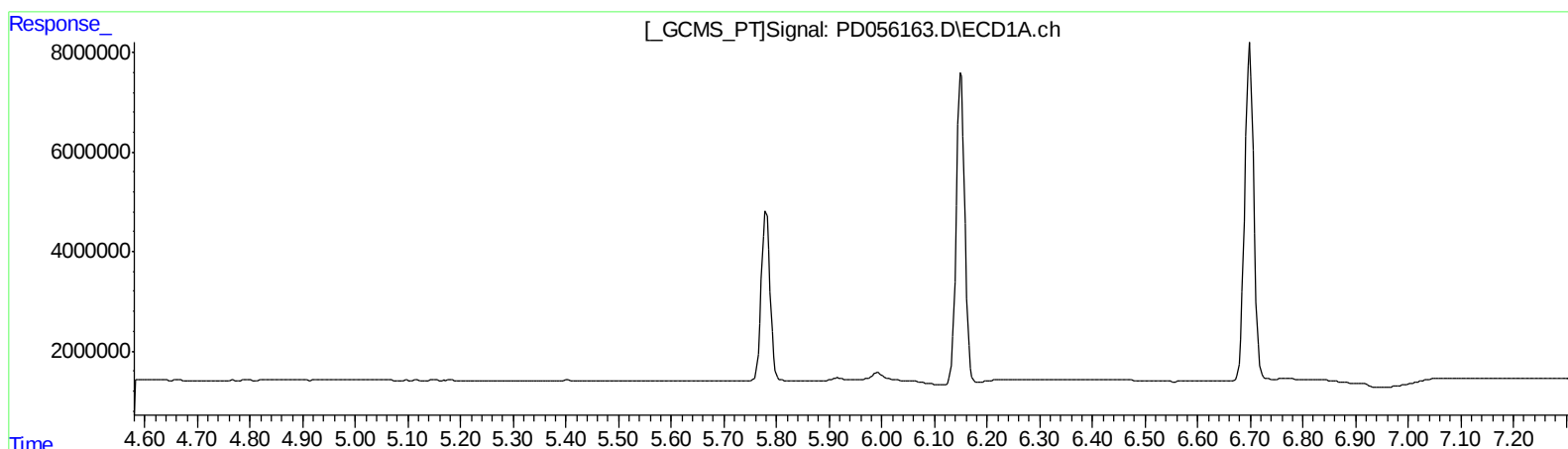
Instrument :
ECD_D
LabSampleId :
PEM33

Manual Integrations
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11/25/2019 4:46:43 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 22:19:11 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110319CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 02 07:20:38 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)
6.287min 0.188 ng/ml
response 252709

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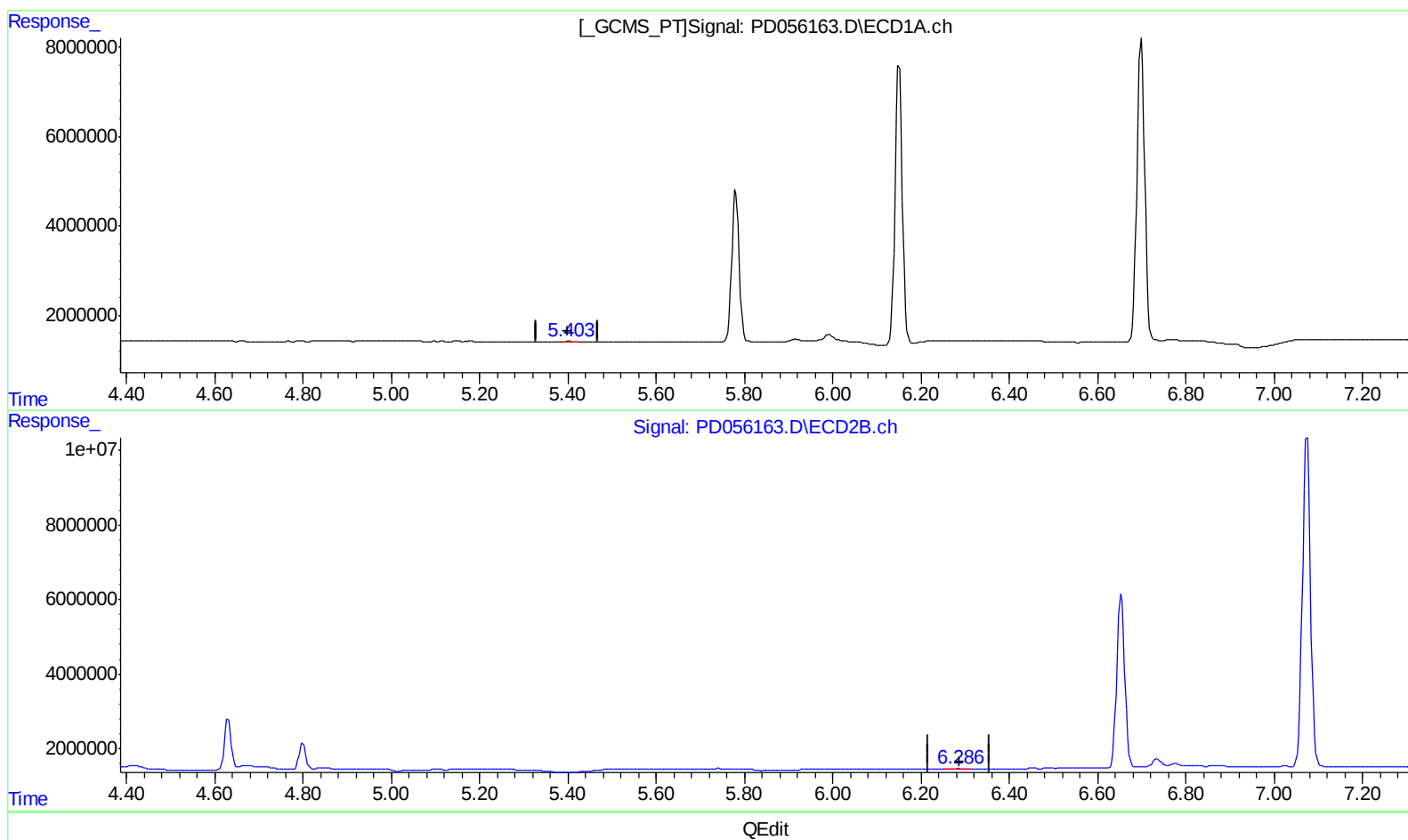
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(12) 4,4'-DDE (B)
5.403min 0.187 ng/ml m
response 162697

(12) 4,4'-DDE #2 (B)
6.287min 0.188 ng/ml
response 252709

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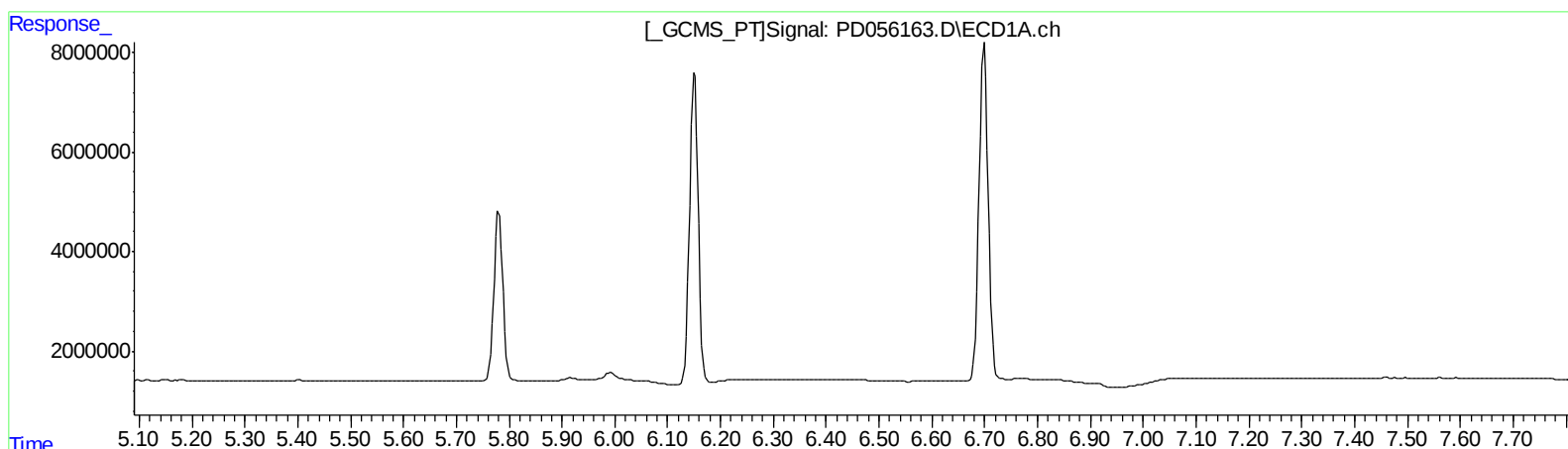
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(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.777min -0.955 ng/ml
response -1066538

(+) = Expected Retention Time

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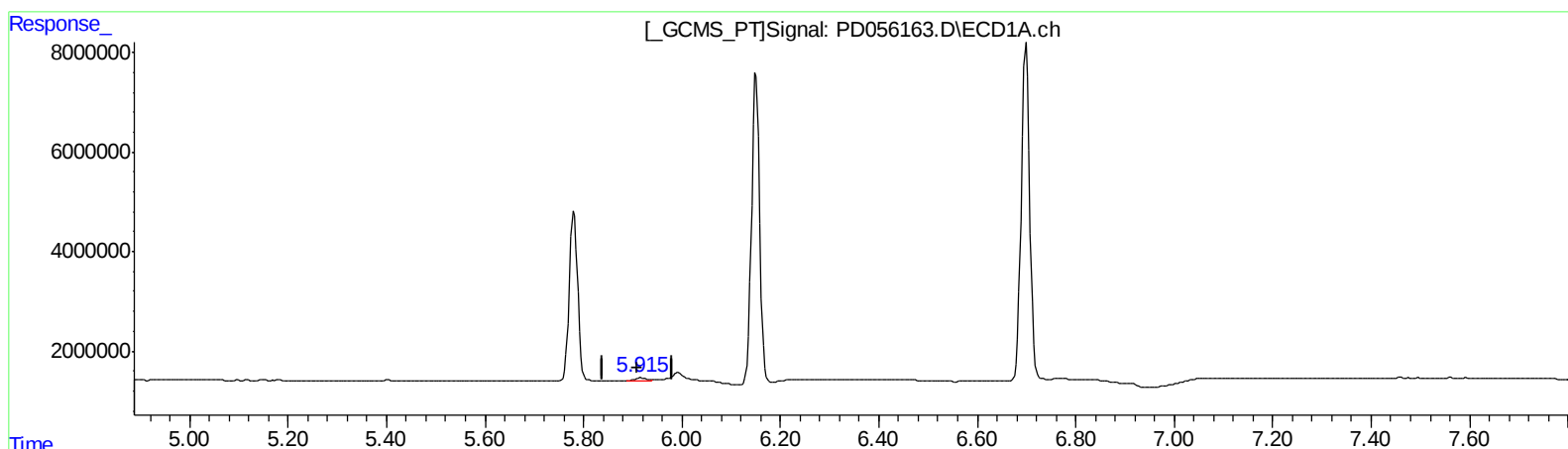
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
5.915min 1.172 ng/ml m
response 827524

(16) 4,4'-DDD #2 (A)
6.776min 0.869 ng/ml m
response 970588

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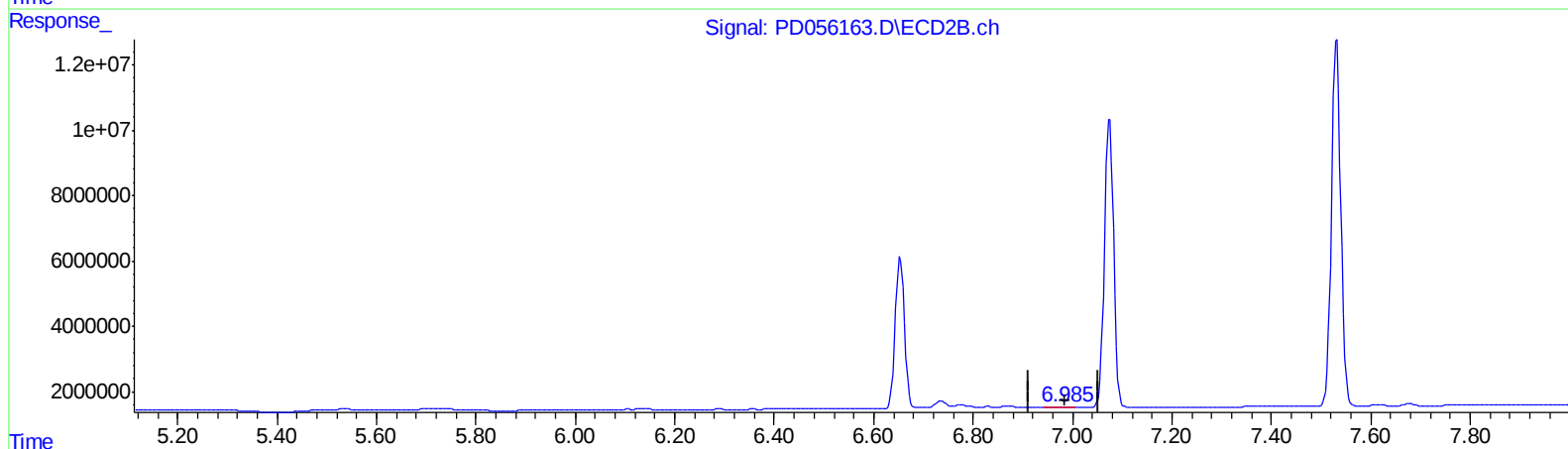
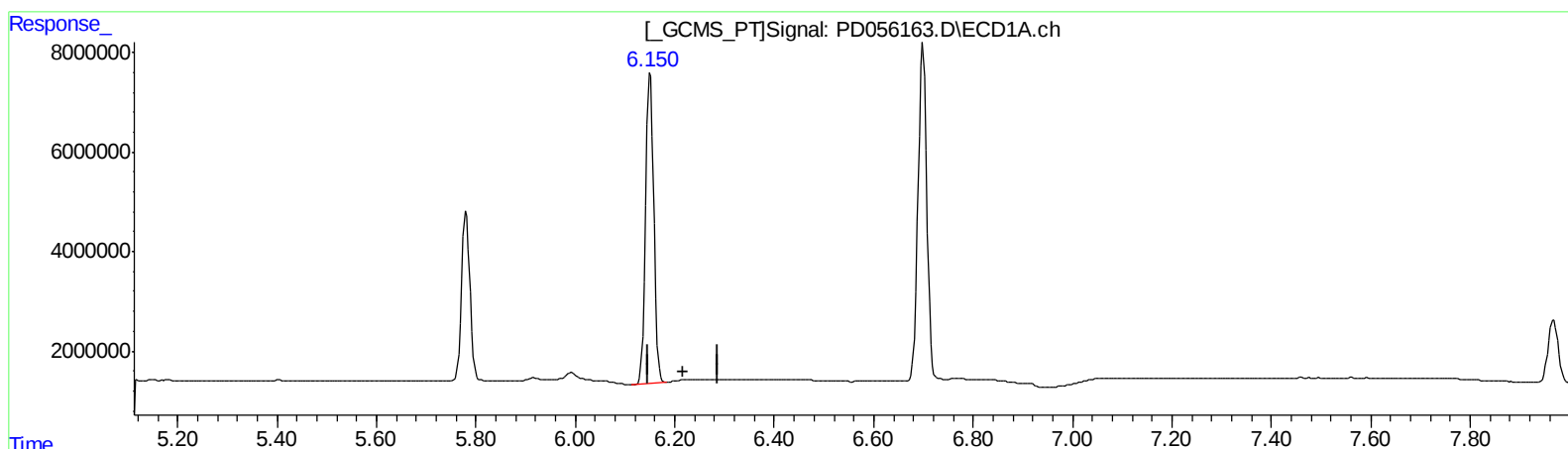
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(18) Endrin aldehyde (B)

6.151min 99.961 ng/ml

response 71410337

(18) Endrin aldehyde #2 (B)

6.987min 0.063 ng/ml

response 68551

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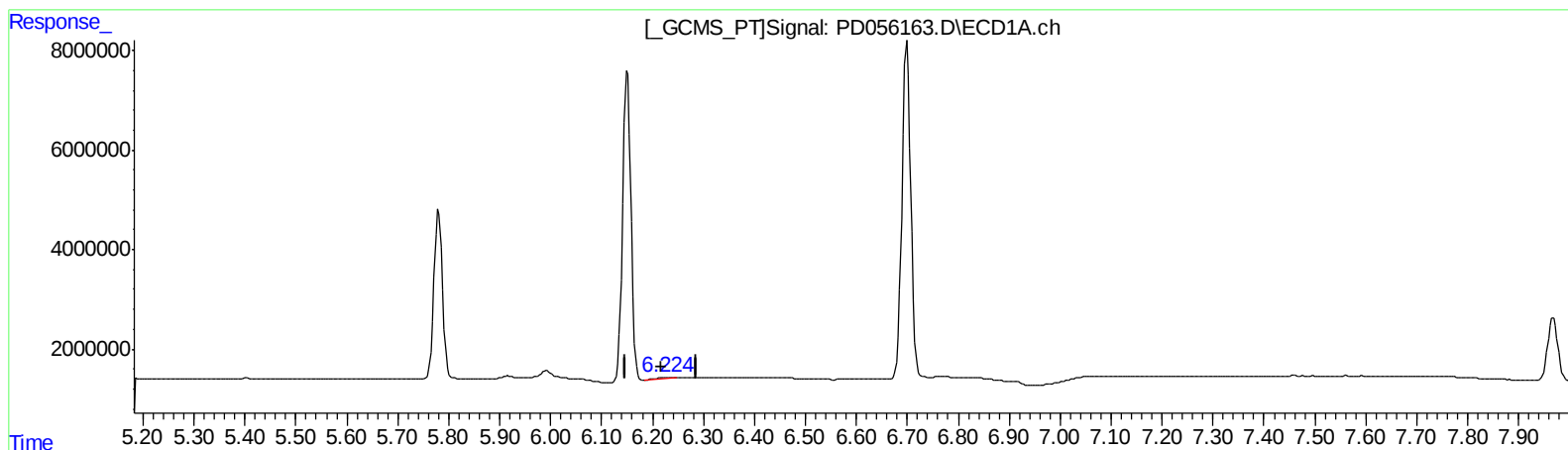
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(18) Endrin aldehyde (B)

6.224min 0.571 ng/ml m

response 408047

(18) Endrin aldehyde #2 (B)

6.985min 0.111 ng/ml m

response 120433

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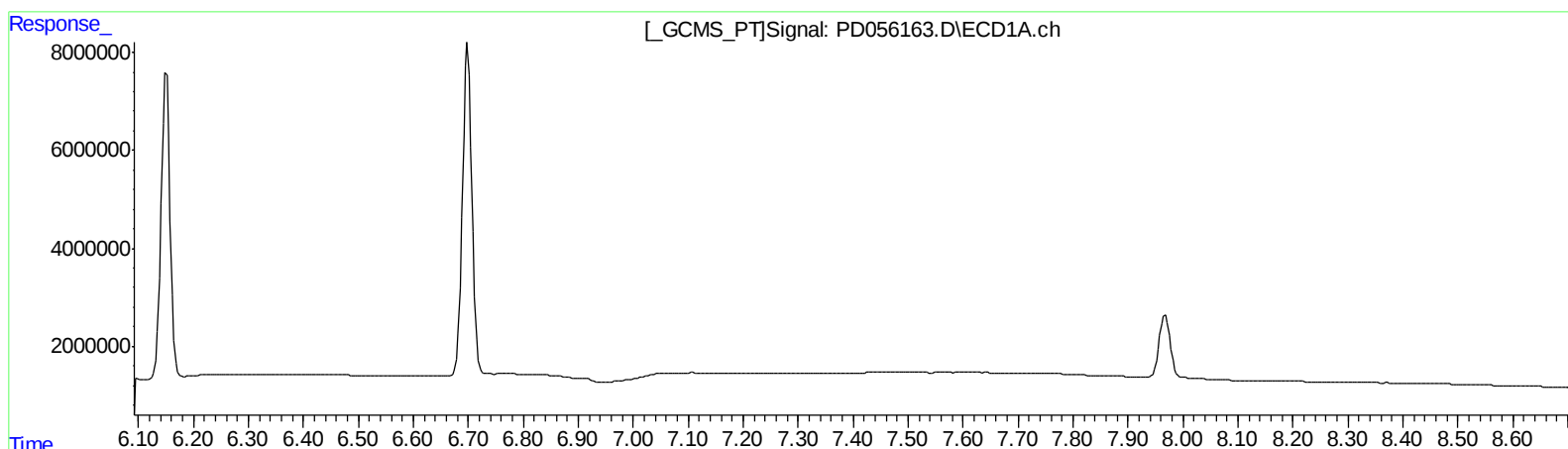
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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QEdit

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

(21) Endrin ketone #2 (B)
7.677min 0.512 ng/ml
response 675819

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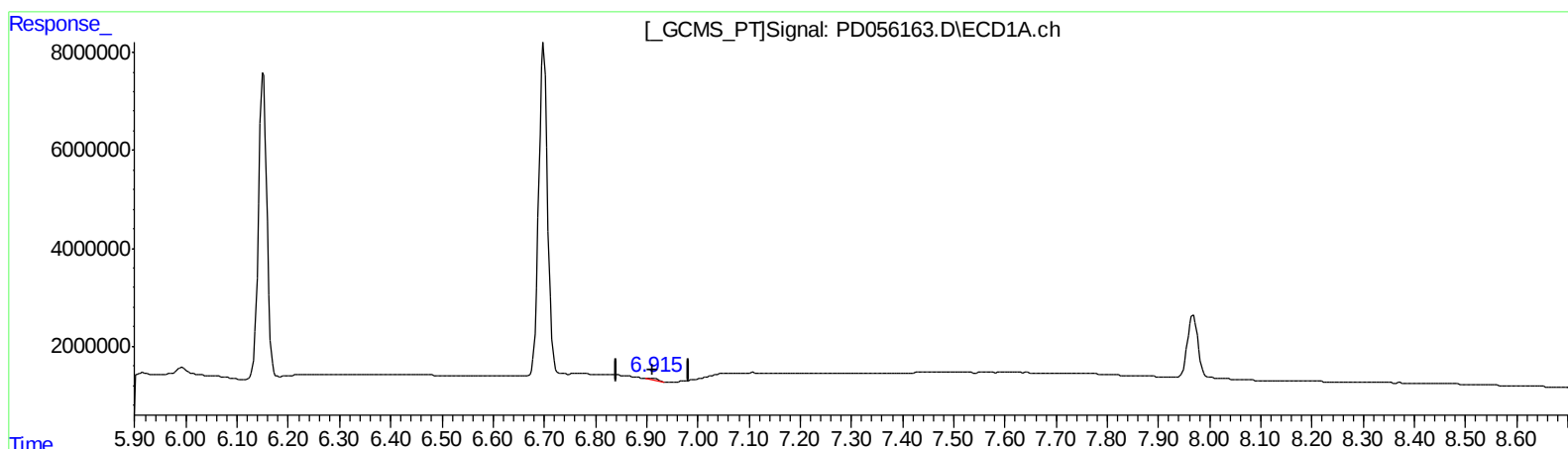
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
6.915min 0.501 ng/ml m
response 443533

(21) Endrin ketone #2 (B)
7.676min 0.659 ng/ml m
response 868990

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 Sample : PEM33
 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 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...	3.292	3.962	14742772	21696880	19.585	20.704
27) SA Decachlor...	7.968	9.001	17612551	22087387	21.607	19.451
Target Compounds						
2) A alpha-BHC	3.719	4.348	10565131	17806534	10.034	12.496
3) MA gamma-BHC...	3.994	4.631	9935070	14583190	9.713	10.351
6) B beta-BHC	4.244	4.800	4793636	7476605	10.598	10.686
12) B 4,4'-DDE	5.403	6.287	162697	252709	0.187m	0.188
14) MA Endrin	5.781	6.654	39593072	59199935	49.354	51.421
16) A 4,4'-DDD	5.915	6.776	827524	970588	1.172m	0.869m#
17) MA 4,4'-DDT	6.151	7.075	71410337	113.0E6	110.197	103.924
18) B Endrin al...	6.224	6.985	408047	120433	0.571m	0.111m#
20) A Methoxychlor	6.699	7.531	81550286	148.6E6	218.017	238.433
21) B Endrin ke...	6.915	7.676	443533	868990	0.501m	0.659m#

AD
 11/26/19

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