

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092319\
Data File : PD054875.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Sep 2019 15:59
Operator : SG\AJ
Sample : PEM16
Misc :
ALS Vial : 3 Sample Multiplier: 1

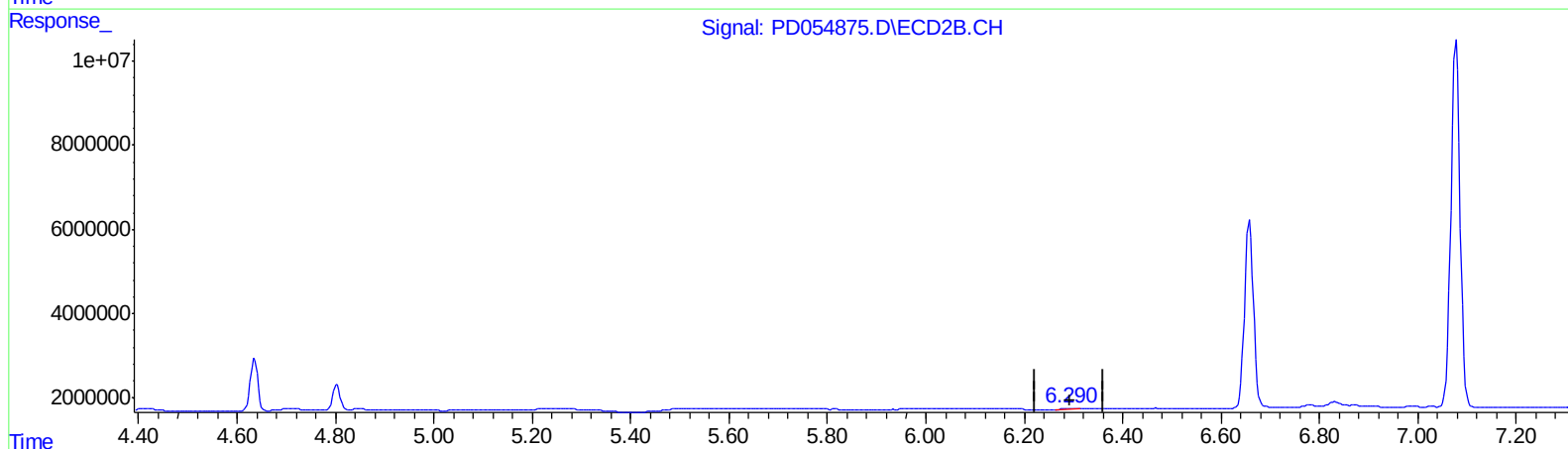
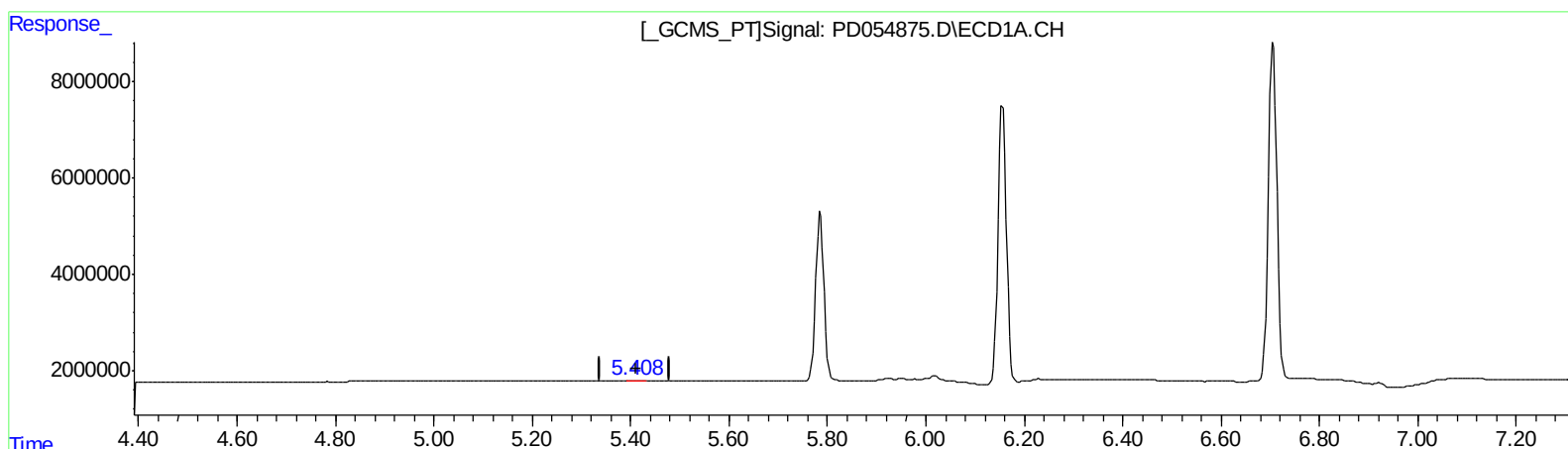
Instrument :
ECD_D
LabSampleId :
PEM16

Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 07:23:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092319CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 24 07:21:19 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

(12) 4,4'-DDE (B)
5.408min 0.220 ng/ml m
response 197518

(12) 4,4'-DDE #2 (B)
6.290min 0.224 ng/ml m
response 289683

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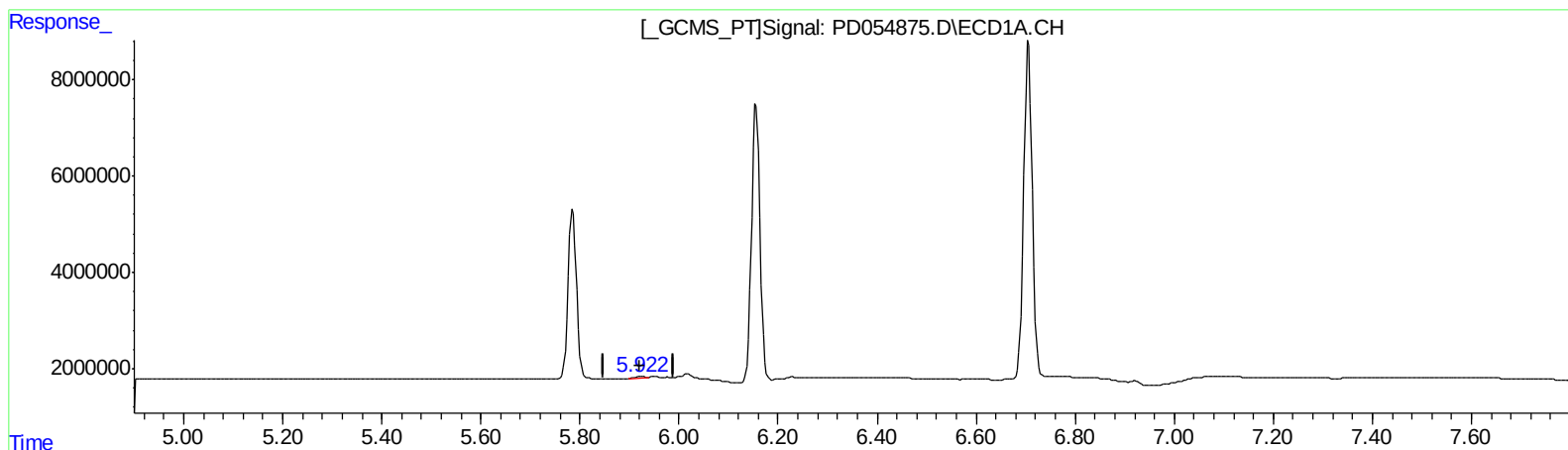
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(16) 4,4'-DDD (A)
5.922min 0.332 ng/ml m
response 240691

(16) 4,4'-DDD #2 (A)
6.780min 0.427 ng/ml m
response 463544

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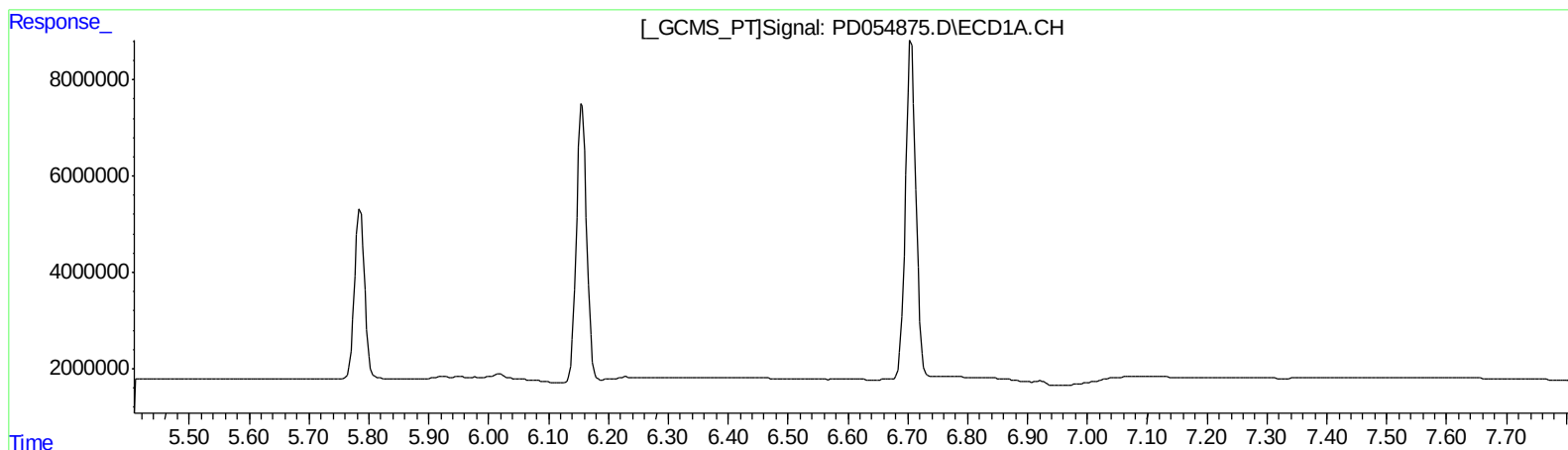
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(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

QEdit

(+) = Expected Retention Time

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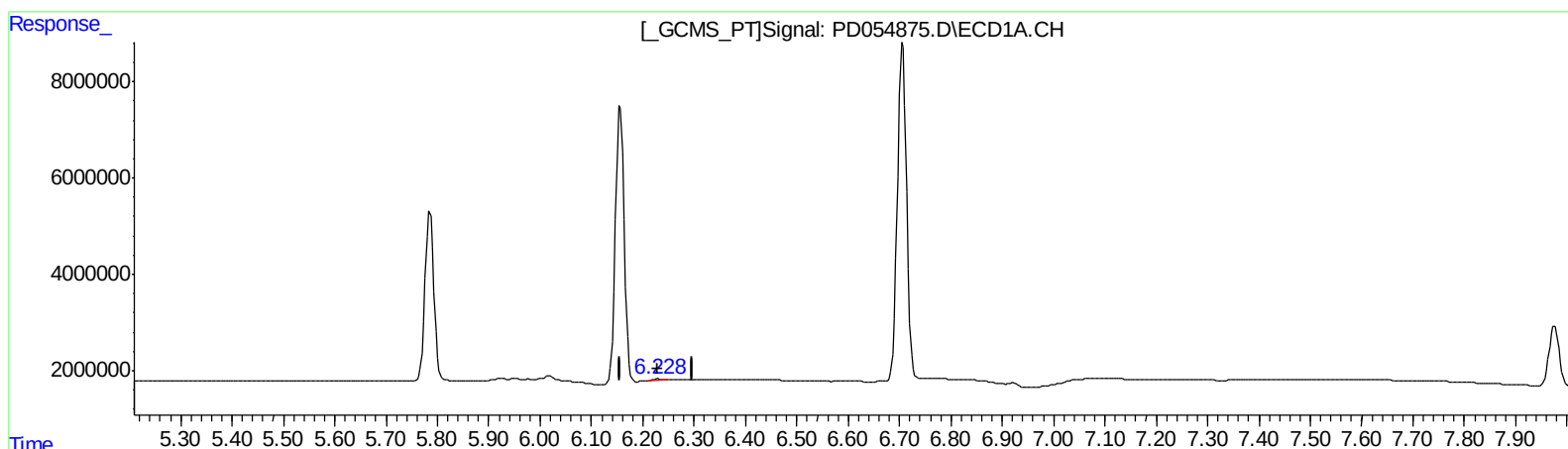
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(18) Endrin aldehyde (B)

6.228min 0.460 ng/ml m

response 334732

(18) Endrin aldehyde #2 (B)

6.988min 0.316 ng/ml m

response 327920

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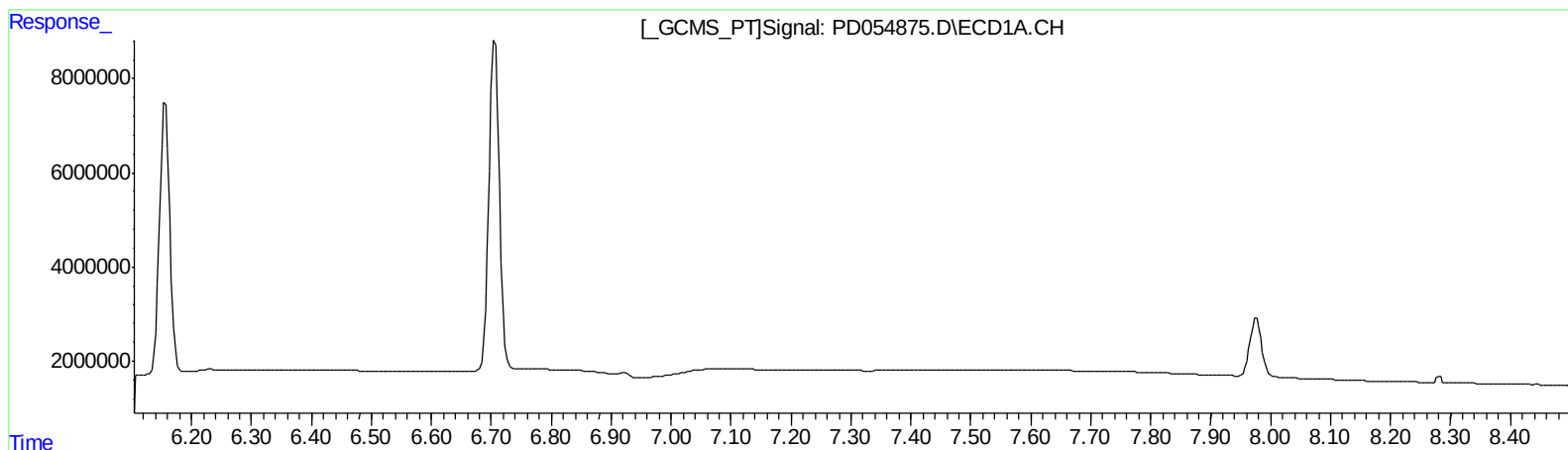
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(21) Endrin ketone (B)

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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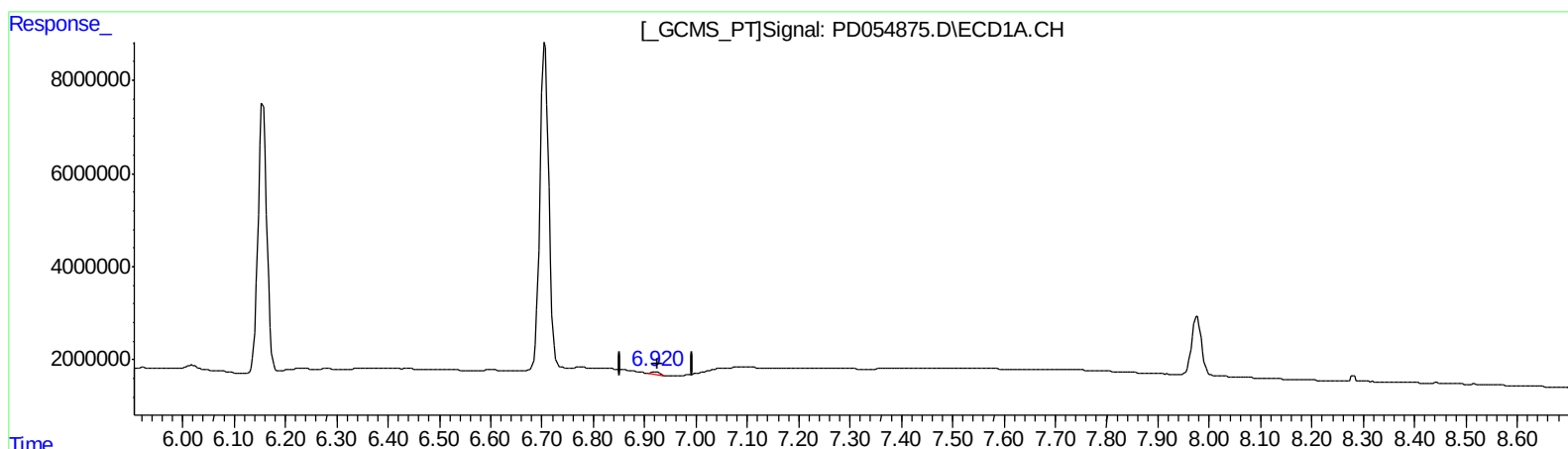
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(21) Endrin ketone (B)

6.920min 0.621 ng/ml m

response 560800

(21) Endrin ketone #2 (B)

7.678min 0.862 ng/ml m

response 1135520

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.295	3.967	14521095	19715804	19.087	19.212
27) SA Decachlor...	7.976	9.005	17007023	23958973	20.184	20.564
Target Compounds						
2) A alpha-BHC	3.722	4.353	10376537	13330942	9.346	9.247
3) MA gamma-BHC...	3.997	4.635	9941064	13021447	9.271	9.300
6) B beta-BHC	4.246	4.803	4532248	6405691	9.687	9.608
12) B 4,4'-DDE	5.408	6.290	197518	289683	0.220m	0.224m
14) MA Endrin	5.786	6.658	41466912	55206840	49.871	50.125
16) A 4,4'-DDD	5.922	6.780	240691	463544	0.332m	0.427m#
17) MA 4,4'-DDT	6.156	7.078	69181642	112.9E6	103.796	103.091
18) B Endrin al...	6.228	6.988	334732	327920	0.460m	0.316m#
20) A Methoxychlor	6.706	7.534	85443443	152.3E6	240.987	244.179
21) B Endrin ke...	6.920	7.678	560800	1135520	0.621m	0.862m#

AS 09/28/19

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