

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 14:55
Operator : AJ\MA
Sample : PEM61
Misc :
ALS Vial : 3 Sample Multiplier: 1

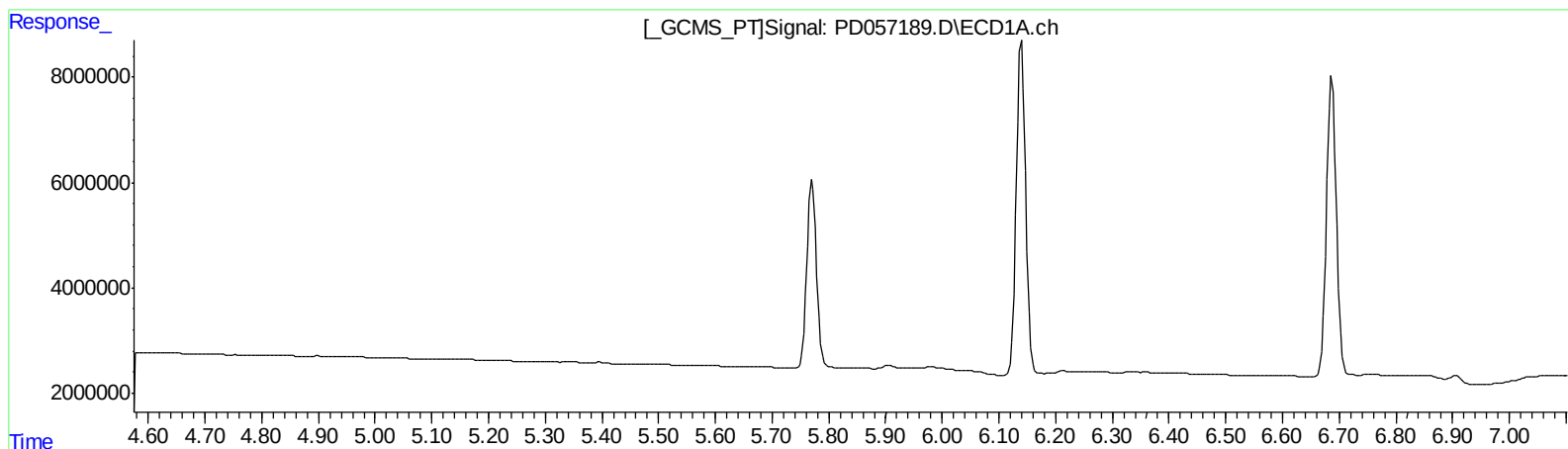
Instrument :
ECD_D
LabSampleId :
PEM61

Manual Integrations
APPROVED

mohammad
2/18/2020 8:03:59 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 02:48:48 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 2020
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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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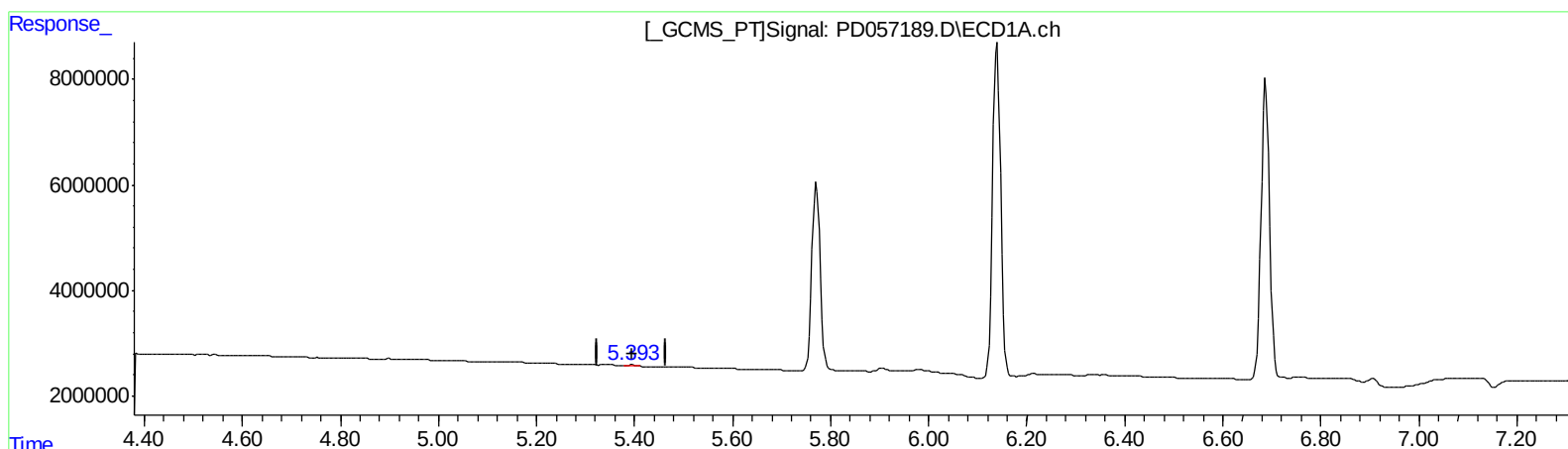
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(12) 4,4'-DDE (B)
5.393min 0.161 ng/ml m
response 178040

(12) 4,4'-DDE #2 (B)
6.283min 0.175 ng/ml m
response 447814

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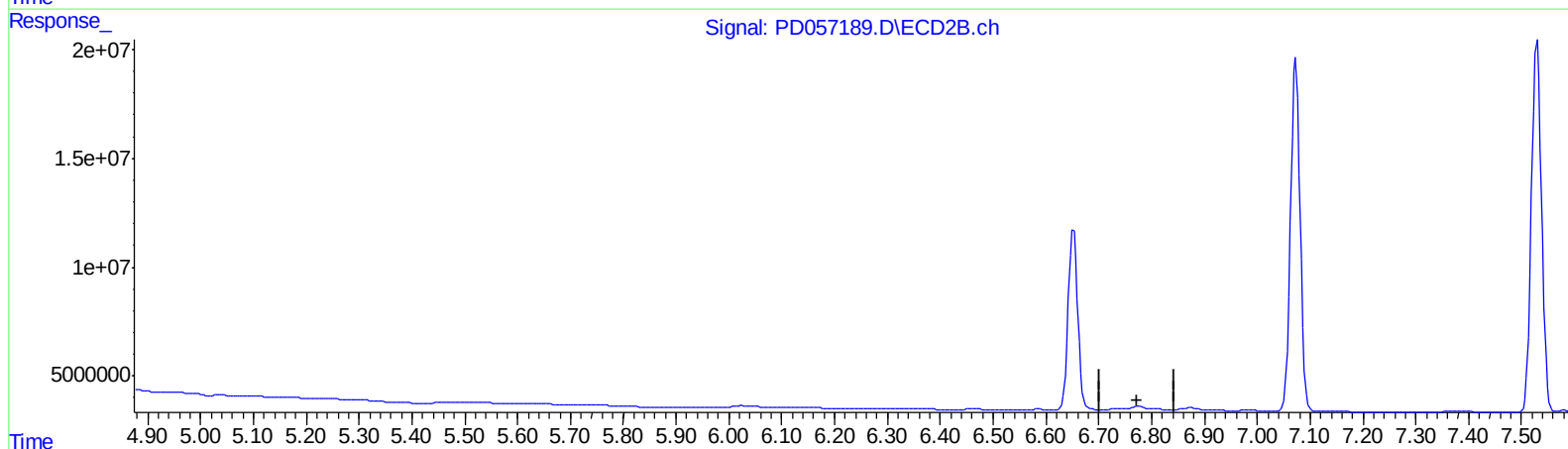
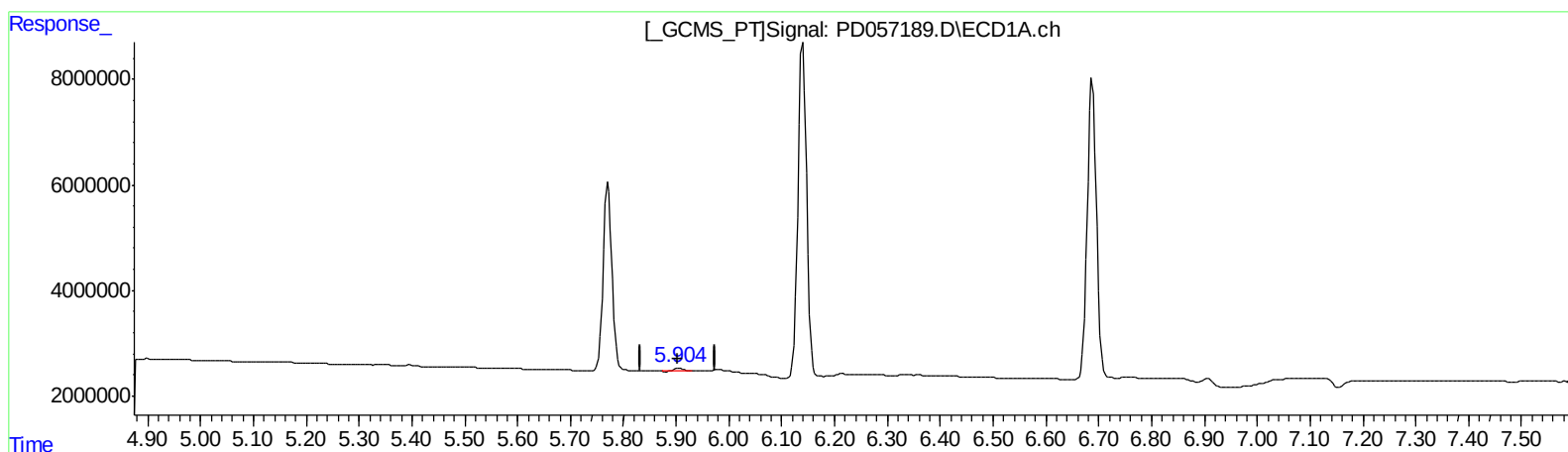
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LabSampleId :
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(16) 4,4'-DDD (A)
5.905min 0.791 ng/ml
response 547938

(16) 4,4'-DDD #2 (A)
0.000min 0.000 ng/ml
response 0

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Operator : AJ\MA
Sample : PEM61
Misc :
ALS Vial : 3 Sample Multiplier: 1

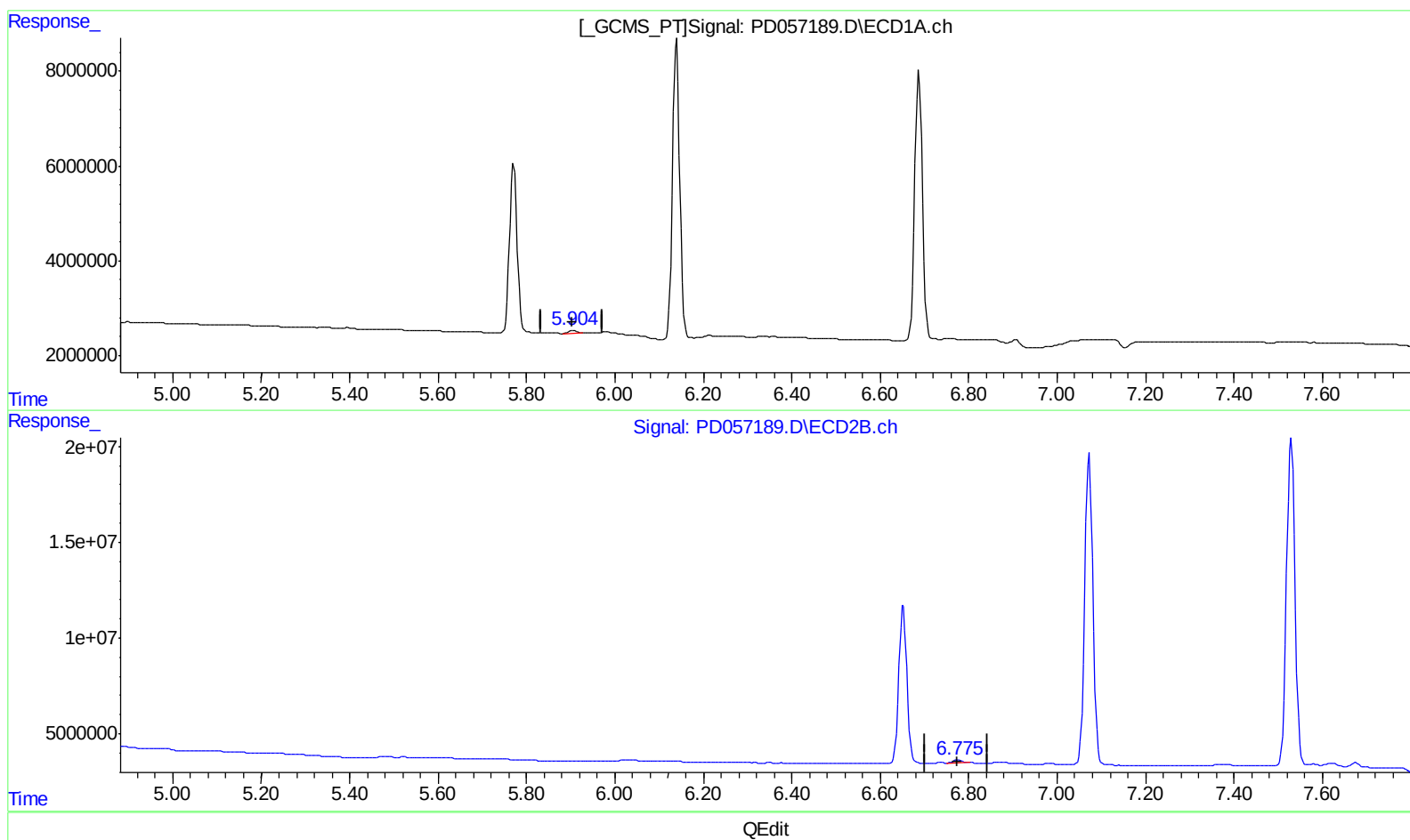
Instrument :
ECD_D
LabSampleId :
PEM61

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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)
5.904min 0.931 ng/ml m
response 645202

(16) 4,4'-DDD #2 (A)
6.775min 0.921 ng/ml m
response 1899539

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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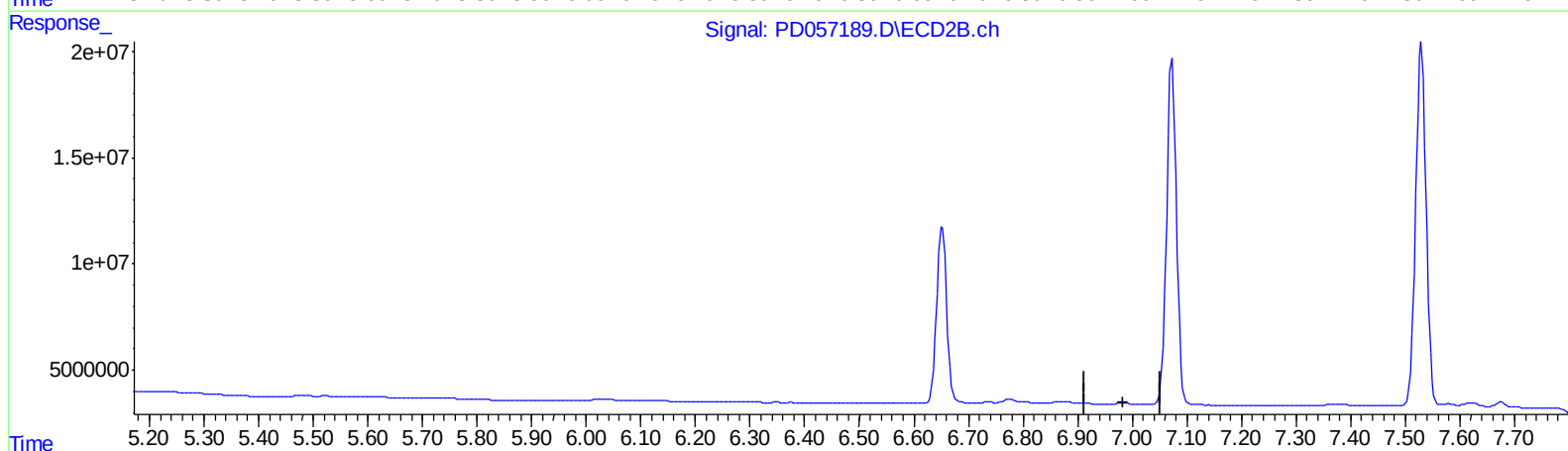
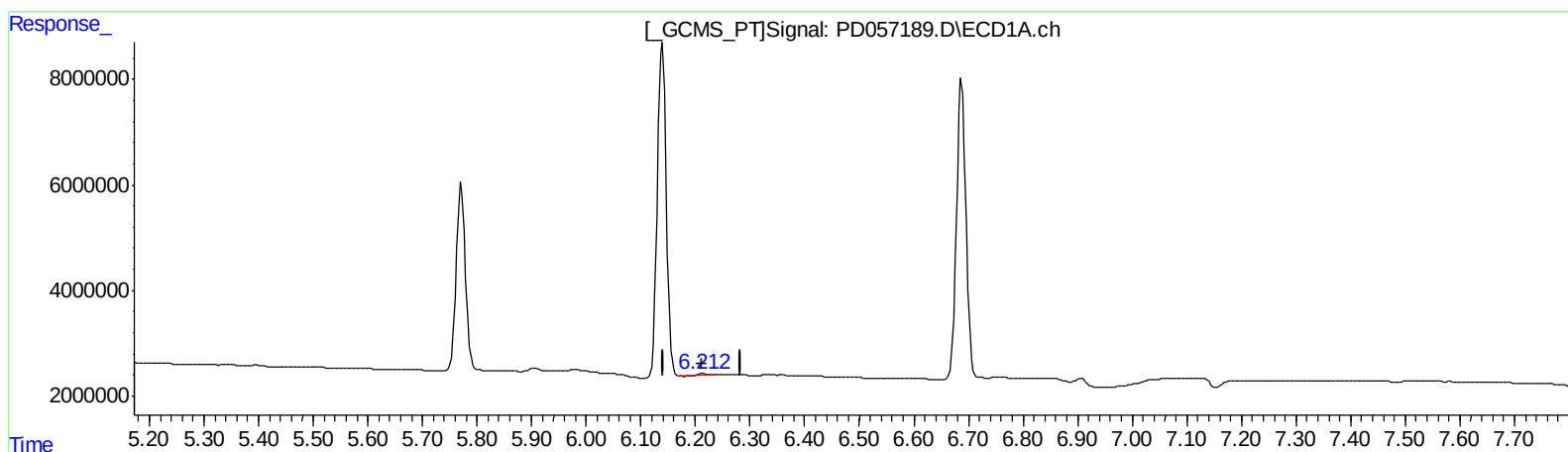
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(18) Endrin aldehyde (B)

6.213min 0.452 ng/ml

response 366790

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

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Acq On : 11 Feb 2020 14:55
Operator : AJ\MA
Sample : PEM61
Misc :
ALS Vial : 3 Sample Multiplier: 1

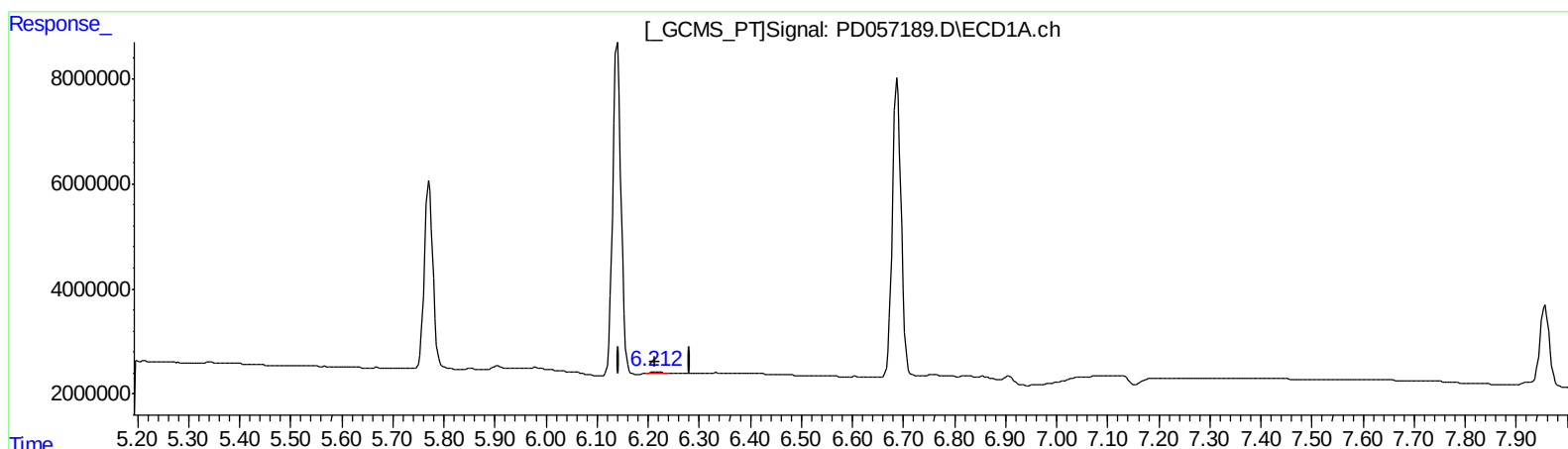
Instrument :
ECD_D
LabSampleId :
PEM61

Manual Integrations
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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



(18) Endrin aldehyde (B)

6.212min 0.496 ng/ml m

response 402667

(18) Endrin aldehyde #2 (B)

6.983min 0.348 ng/ml m

response 689586

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
Data File : PD057189.D
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Acq On : 11 Feb 2020 14:55
Operator : AJ\MA
Sample : PEM61
Misc :
ALS Vial : 3 Sample Multiplier: 1

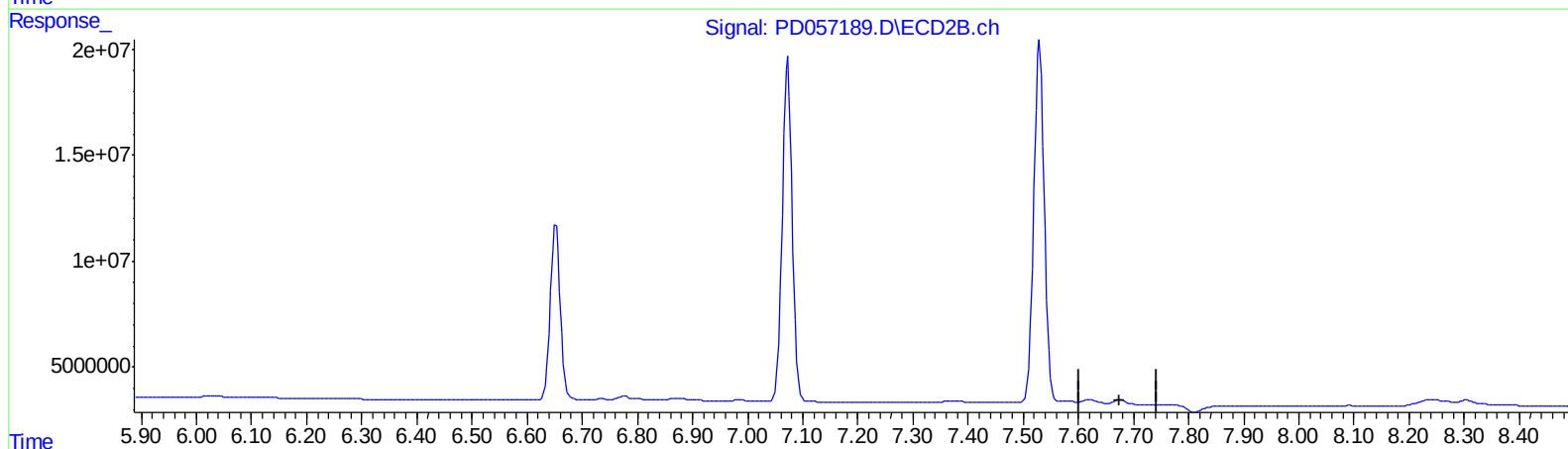
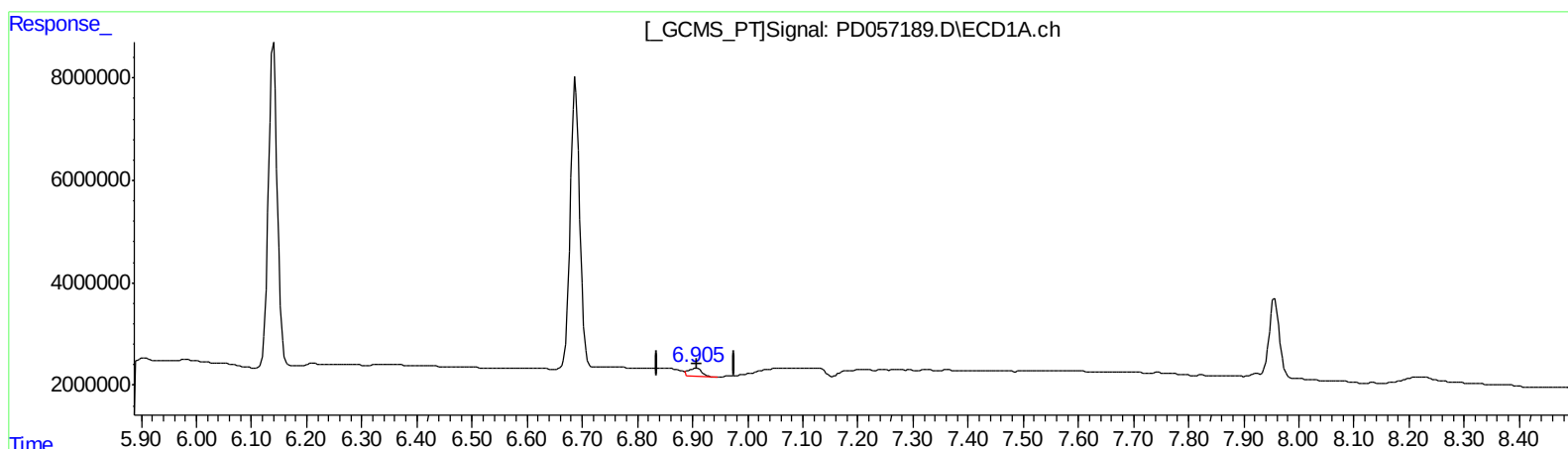
Instrument :
ECD_D
LabSampleId :
PEM61

Manual Integrations
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 2020
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



QEdit

(21) Endrin ketone (B)

6.906min 2.745 ng/ml

response 2493592

(21) Endrin ketone #2 (B)

0.000min 0.000 ng/ml

response 0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Acq On : 11 Feb 2020 14:55
Operator : AJ\MA
Sample : PEM61
Misc :
ALS Vial : 3 Sample Multiplier: 1

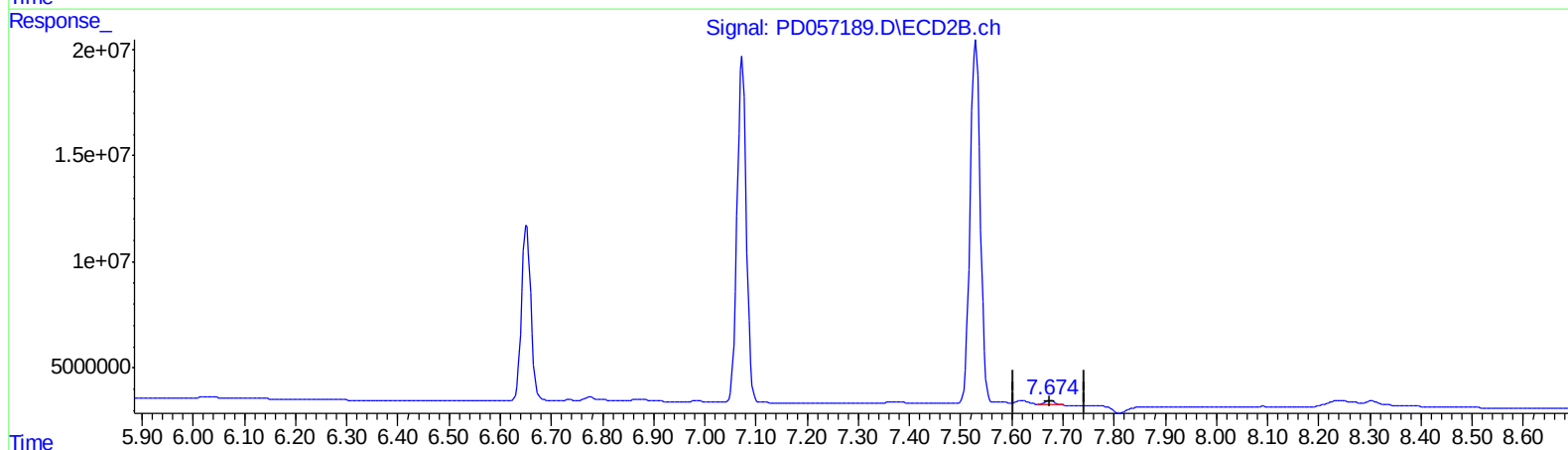
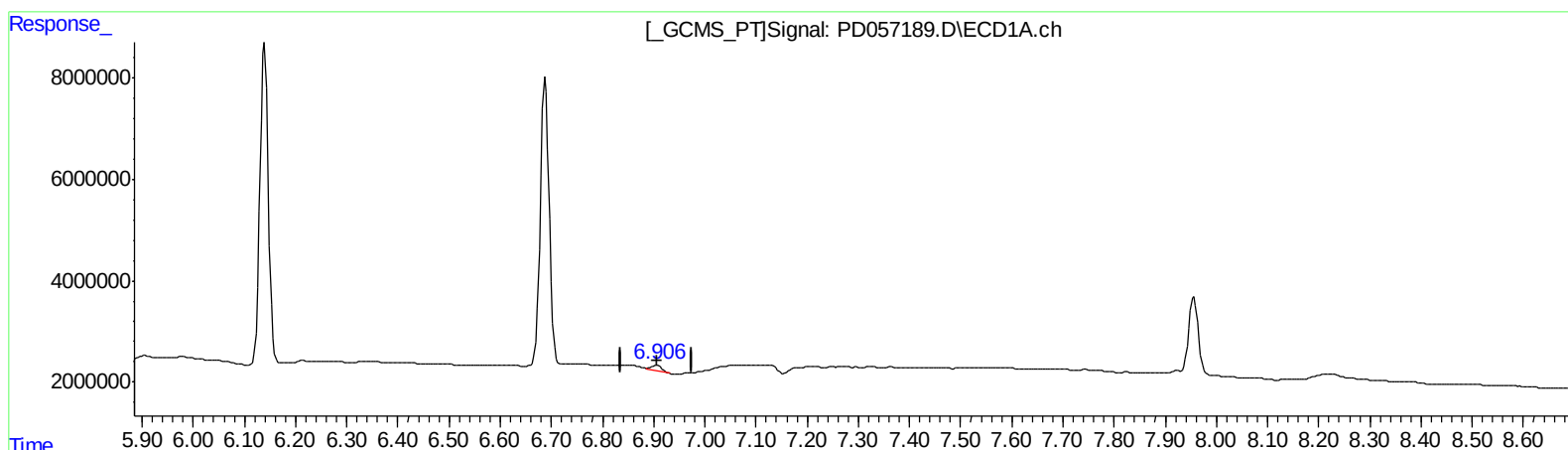
Instrument :
ECD_D
LabSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(21) Endrin ketone (B)
6.906min 1.566 ng/ml m
response 1422530

(21) Endrin ketone #2 (B)
7.674min 1.125 ng/ml m
response 2730157

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021120\
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Acq On : 11 Feb 2020 14:55
Operator : AJ\MA
Sample : PEM61
Misc :
ALS Vial : 3 Sample Multiplier: 1

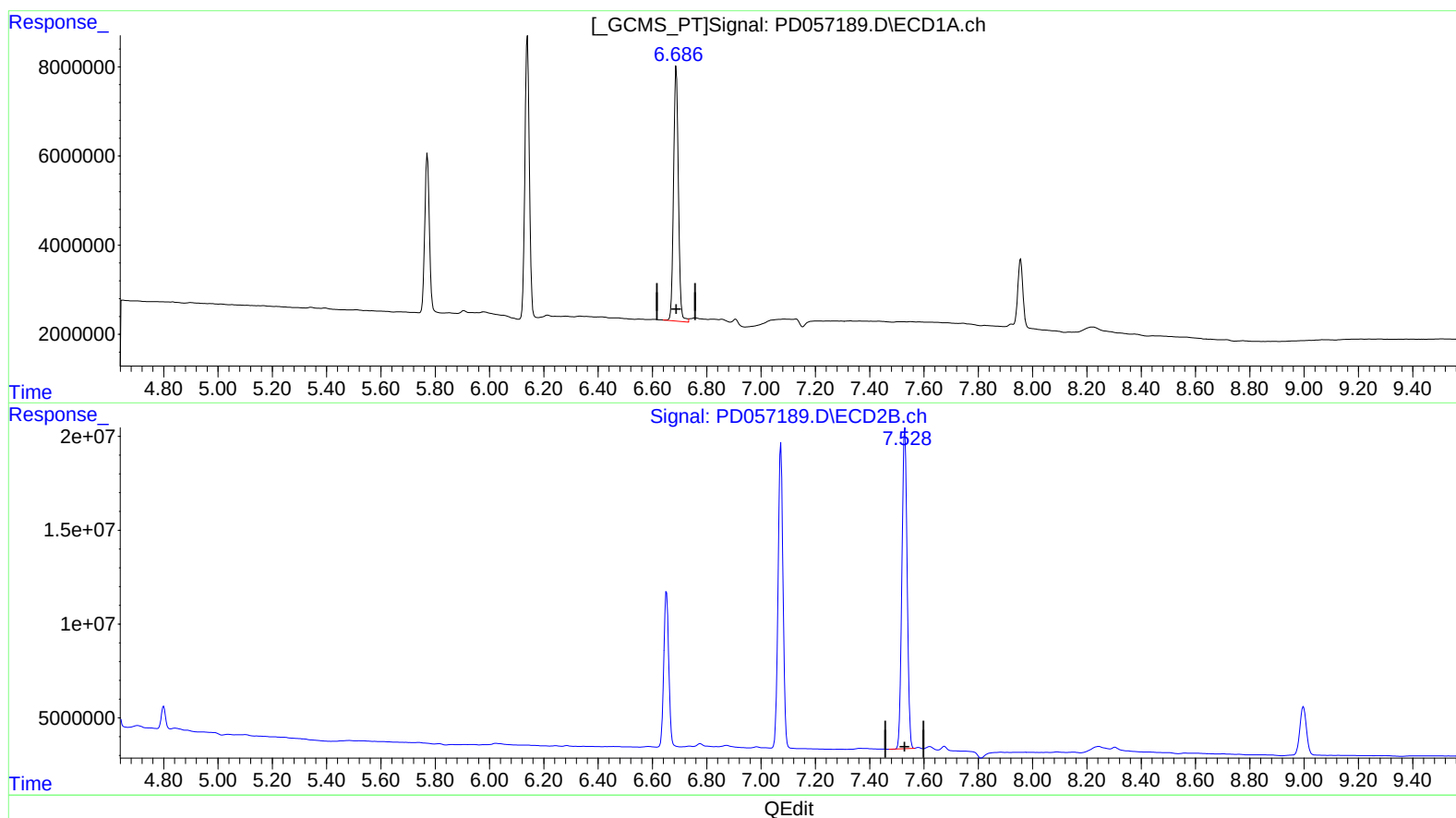
Instrument :
ECD_D
LabSampleId :
PEM61

Manual Integrations
APPROVED

mohammad
2/18/2020 8:03:59 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 06:54:30 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 2020
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



(20) Methoxychlor (A)
6.688min 251.521 ng/ml
response 70418614

(20) Methoxychlor #2 (A)
7.530min 252.401 ng/ml
response 227709516

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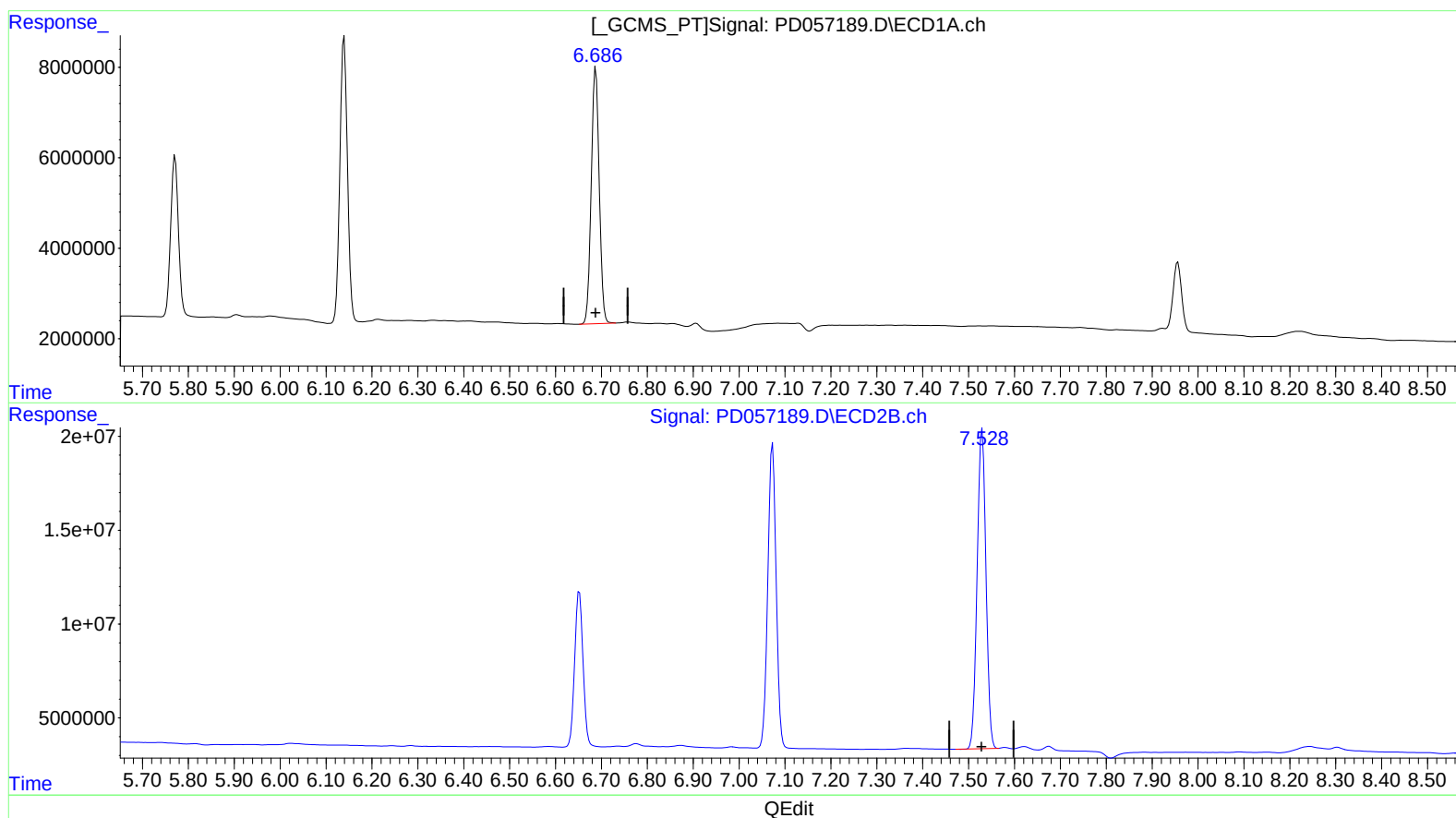
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(20) Methoxychlor (A)
6.686min 244.441 ng/ml m
response 68436381

(20) Methoxychlor #2 (A)
7.530min 252.401 ng/ml
response 227709516

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 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...	3.285	3.961	16999362	39446601	20.464	21.168
27) SA Decachlor...	7.956	8.998	20508880	43720370	19.769	19.340
Target Compounds						
2) A alpha-BHC	3.712	4.348	12719063	29147233	9.873	10.266
3) MA gamma-BHC...	3.987	4.630	12311213	28337418	9.708	10.001
6) B beta-BHC	4.237	4.800	5468406	12591256	10.950	10.862
12) B 4,4'-DDE	5.393	6.283	178040	447814	0.161m	0.175m
14) MA Endrin	5.771	6.652	42139789	105.2E6	47.953	50.005
16) A 4,4'-DDD	5.904	6.775	645202	1899539	0.931m	0.921m
17) MA 4,4'-DDT	6.140	7.073	72545236	204.7E6	111.484	107.839
18) B Endrin al...	6.212	6.983	402667	689586	0.496m	0.348m#
20) A Methoxychlor	6.686	7.530	68436381	227.7E6	244.441m	252.401
21) B Endrin ke...	6.906	7.674	1422530	2730157	1.566m	1.125m#

SJ
 02/20/20

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