

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081018\
Data File : PD048792.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Aug 2018 9:01
Operator : AJ\SJ
Sample : PEM32
Misc :
ALS Vial : 3 Sample Multiplier: 1

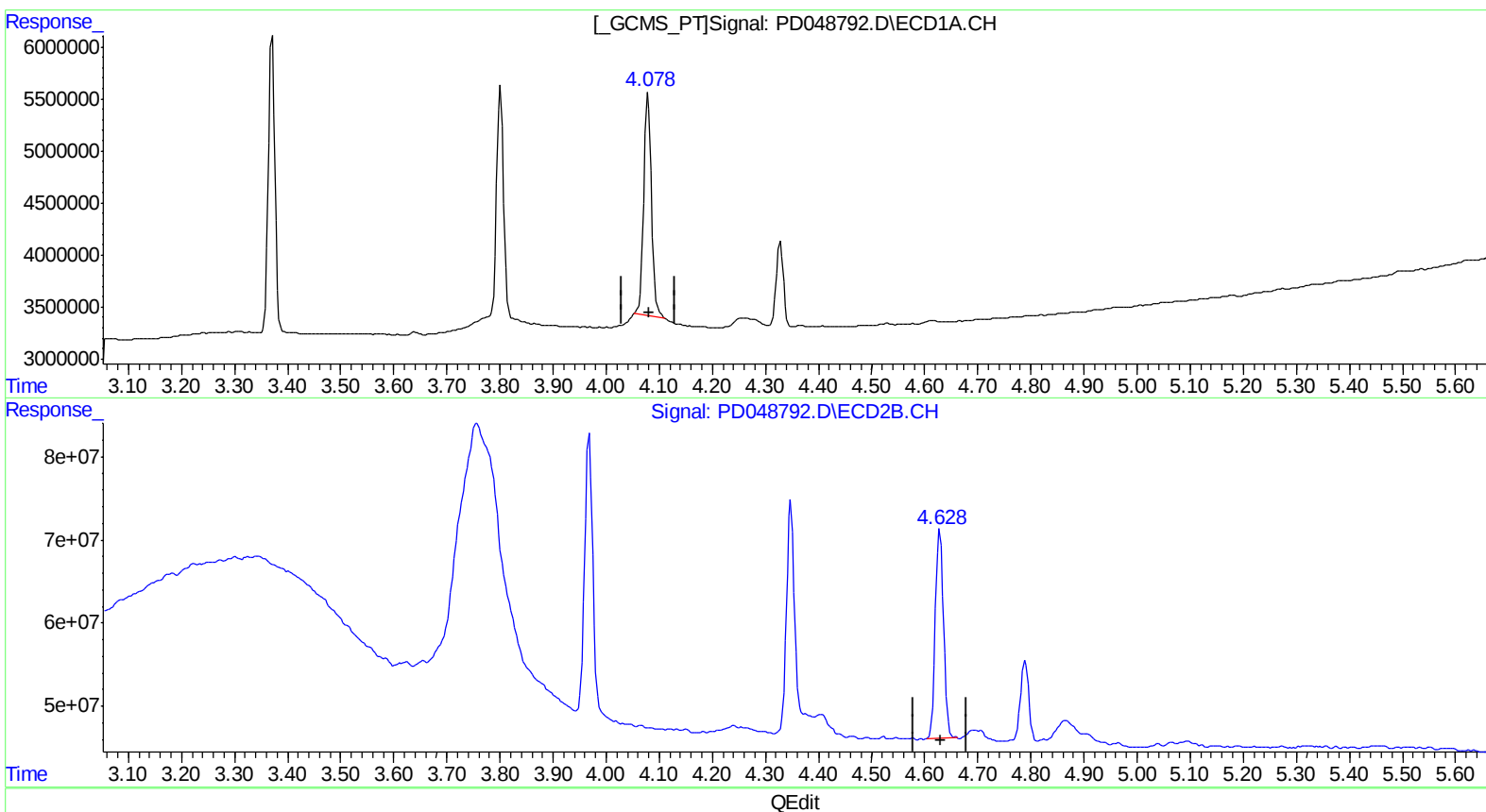
Instrument :
ECD_D
LabSampleId :
PEM32

Manual Integrations
APPROVED

Sohil
8/13/2018 9:04:44 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 23:14:06 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
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



(3) gamma-BHC (Lindane) (MA)

4.079min 9.944 ng/ml

response 21175064

(3) gamma-BHC (Lindane) #2 (MA)

4.629min 9.689 ng/ml

response 270913115

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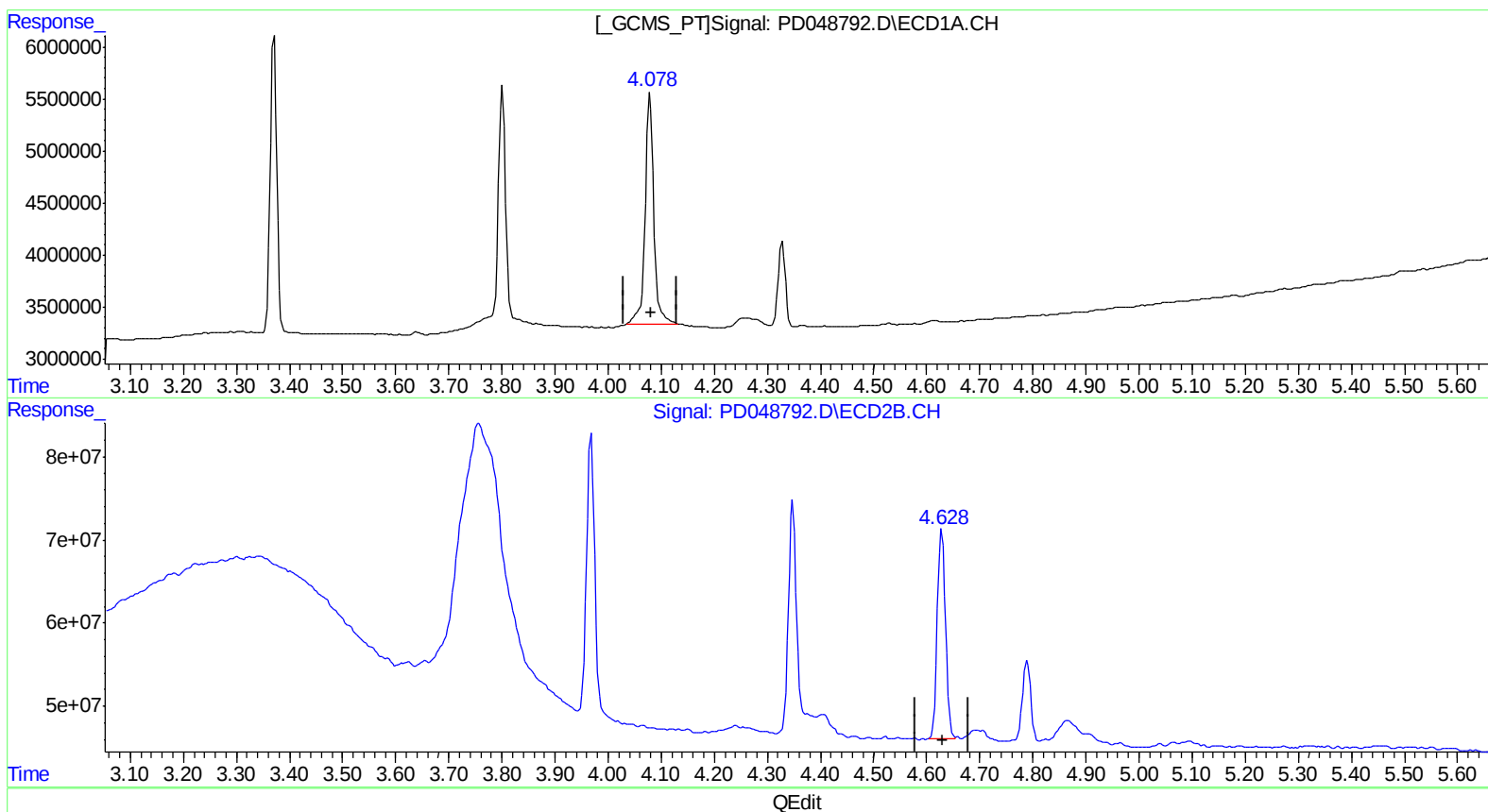
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(3) gamma-BHC (Lindane) (MA)

4.078min 11.694 ng/ml m

response 24900929

(3) gamma-BHC (Lindane) #2 (MA)

4.628min 9.732 ng/ml m

response 272123577

(+) = Expected Retention Time

PD072818CLP.M Fri Aug 10 23:26:53 2018

Page: 1

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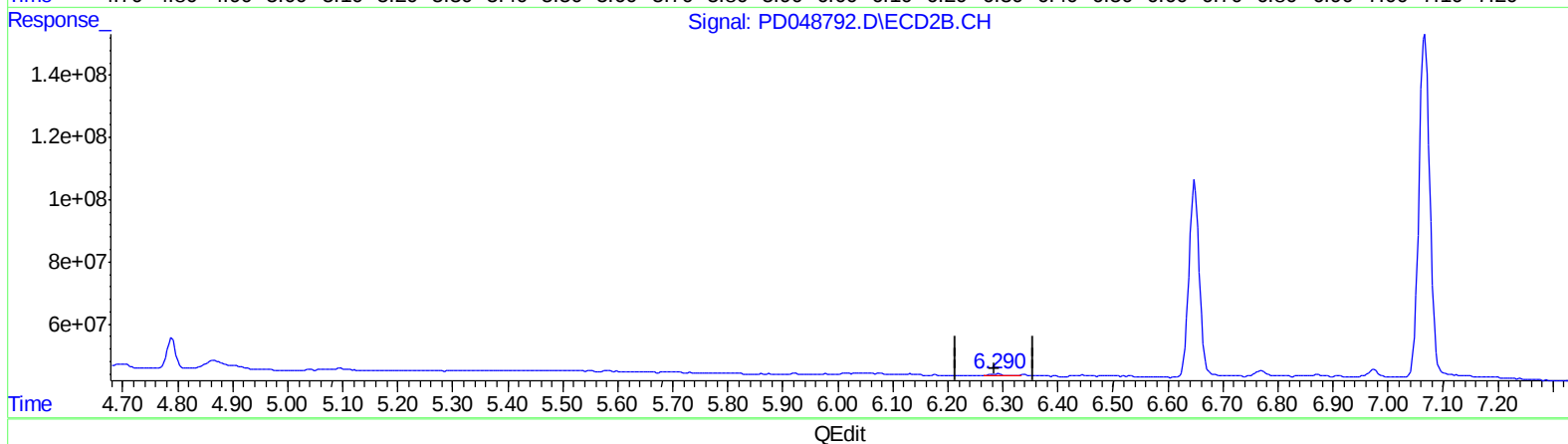
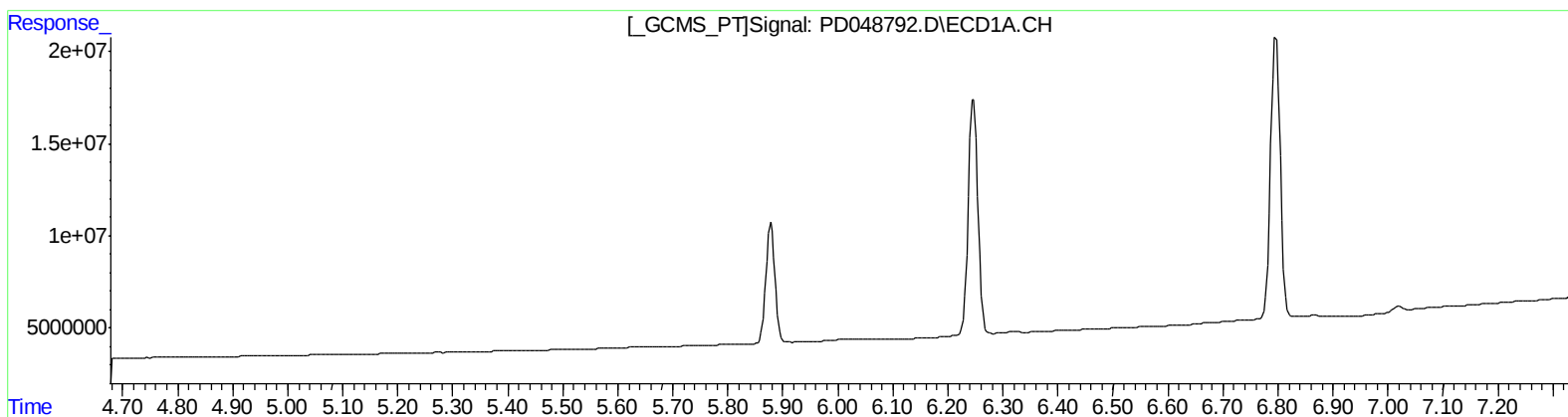
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(12) 4,4'-DDE (B)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
6.290min 0.468 ng/ml
response 9418940

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Sample : PEM32
Misc :
ALS Vial : 3 Sample Multiplier: 1

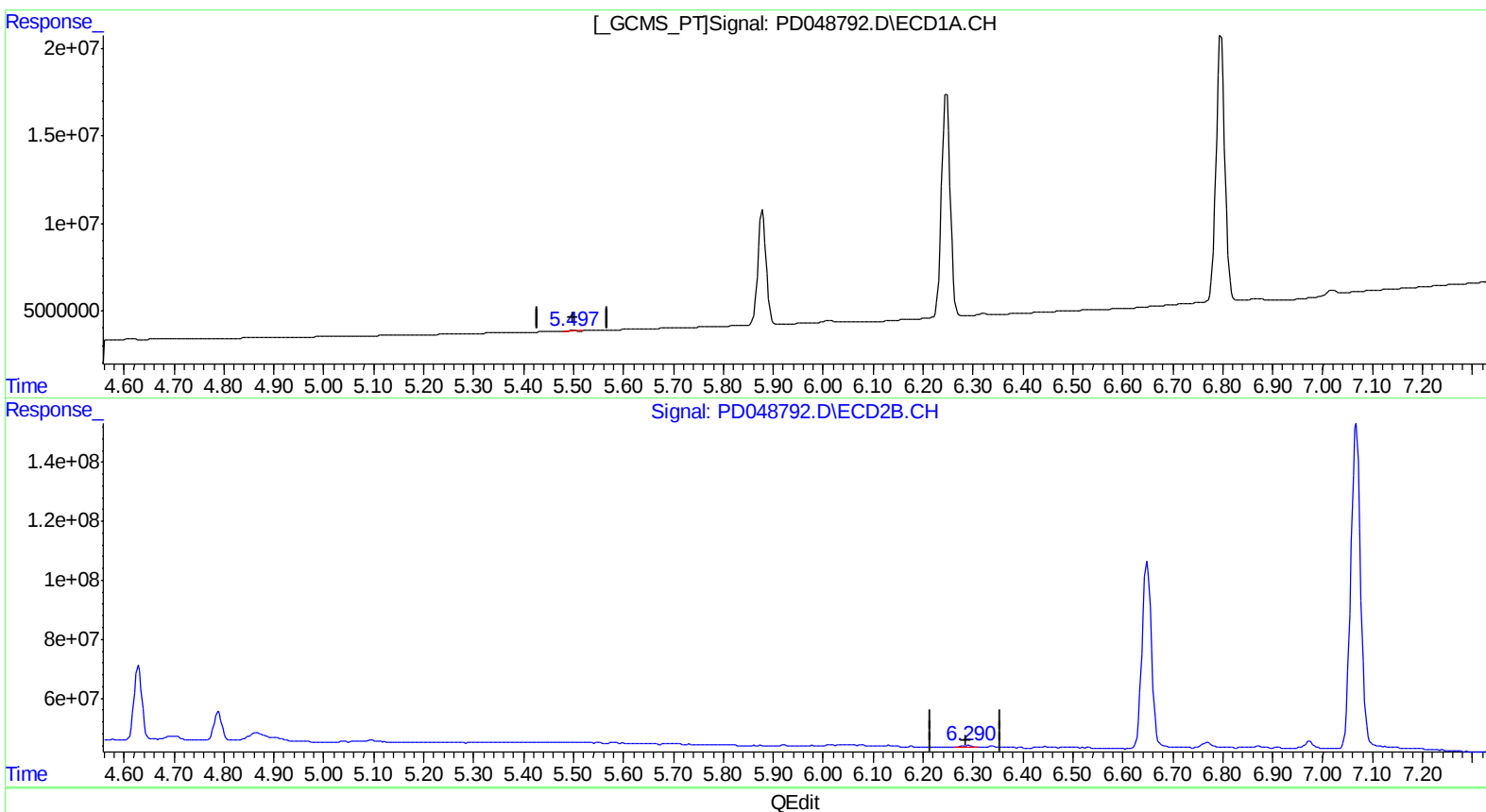
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.497min 0.122 ng/ml m
response 221423

(12) 4,4'-DDE #2 (B)
6.290min 0.417 ng/ml m
response 8390308

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Sample : PEM32
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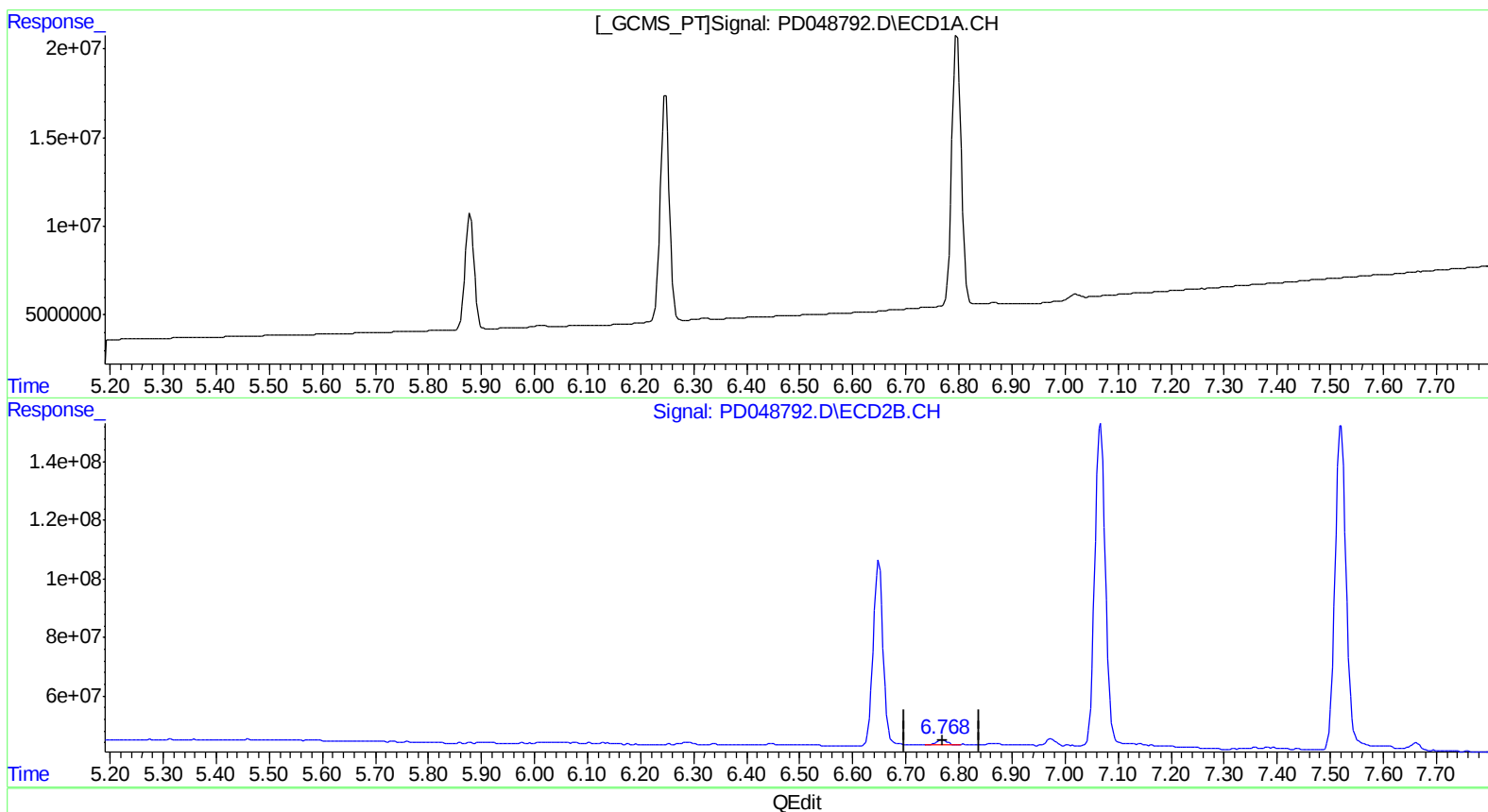
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

(16) 4,4'-DDD #2 (A)
6.770min 1.408 ng/ml
response 22130784

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081018\
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Sample : PEM32
Misc :
ALS Vial : 3 Sample Multiplier: 1

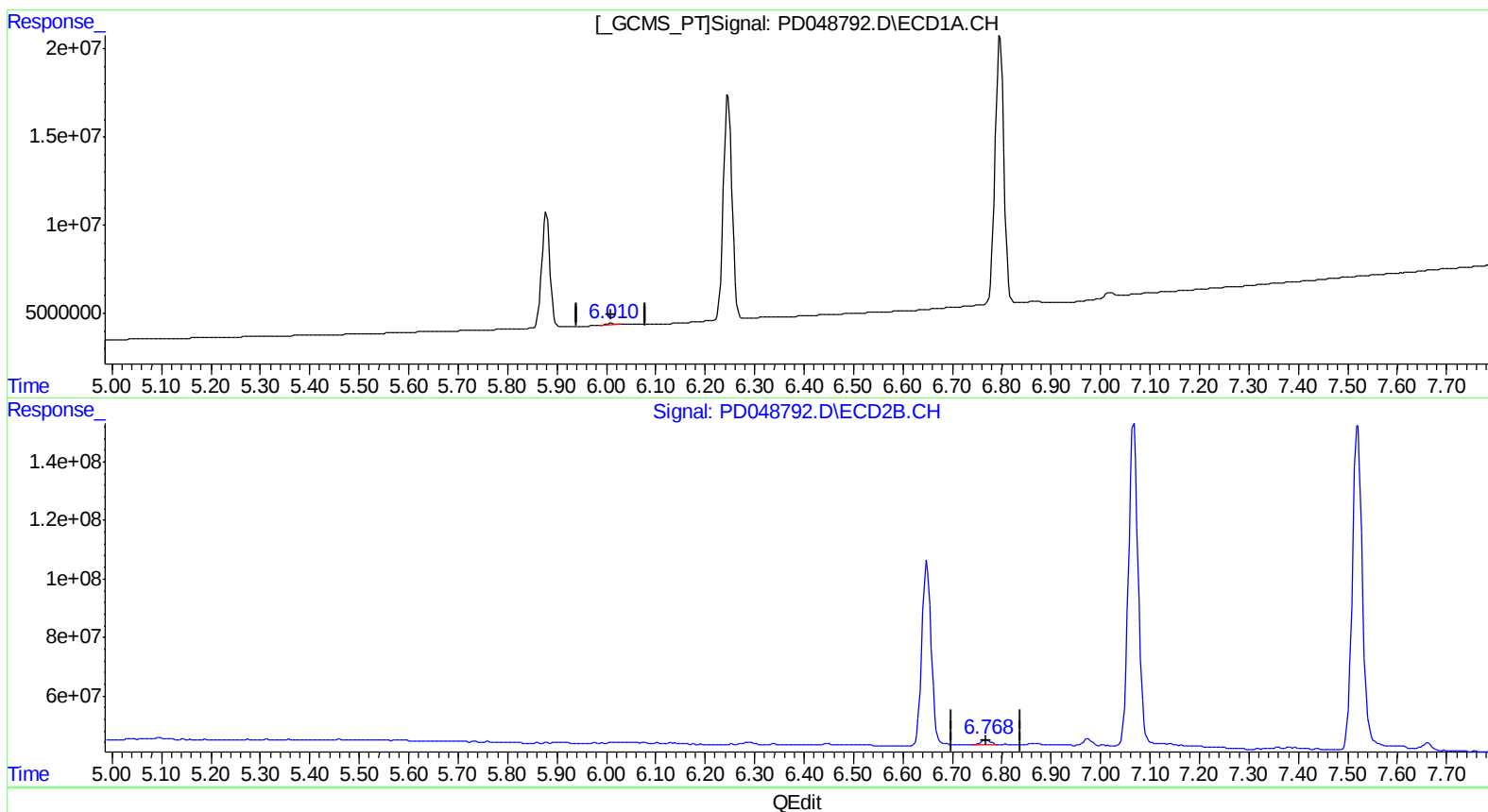
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
6.010min 0.590 ng/ml m
response 948046

(16) 4,4'-DDD #2 (A)
6.768min 1.396 ng/ml m
response 21952061

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081018\
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Operator : AJ\SJ
Sample : PEM32
Misc :
ALS Vial : 3 Sample Multiplier: 1

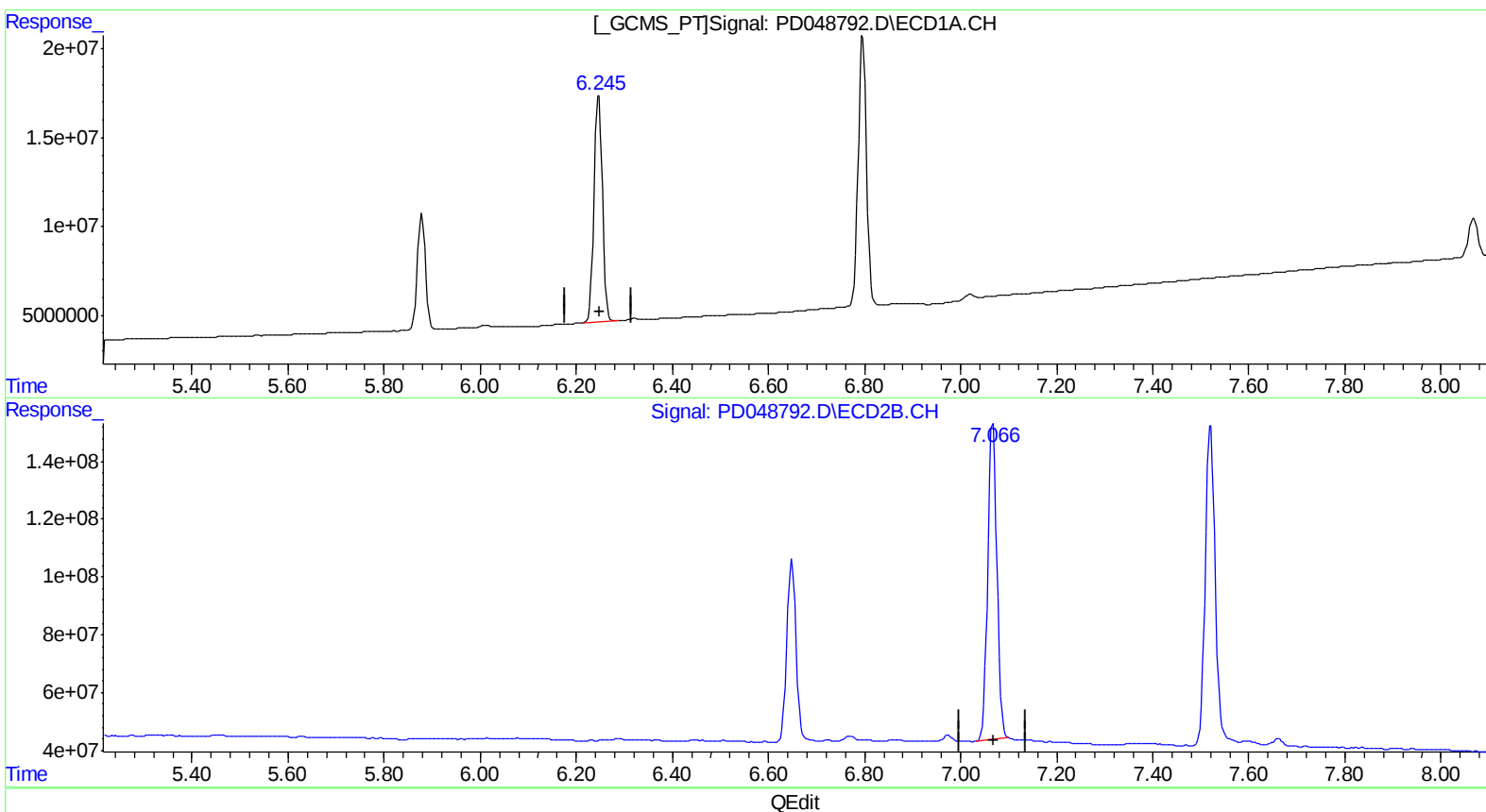
Instrument :
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LabSampleId :
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Manual Integrations
APPROVED

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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



(17) 4,4'-DDT (MA)
6.247min 91.454 ng/ml
response 154417502

(17) 4,4'-DDT #2 (MA)
7.067min 90.663 ng/ml
response 1482353882

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Sample : PEM32
Misc :
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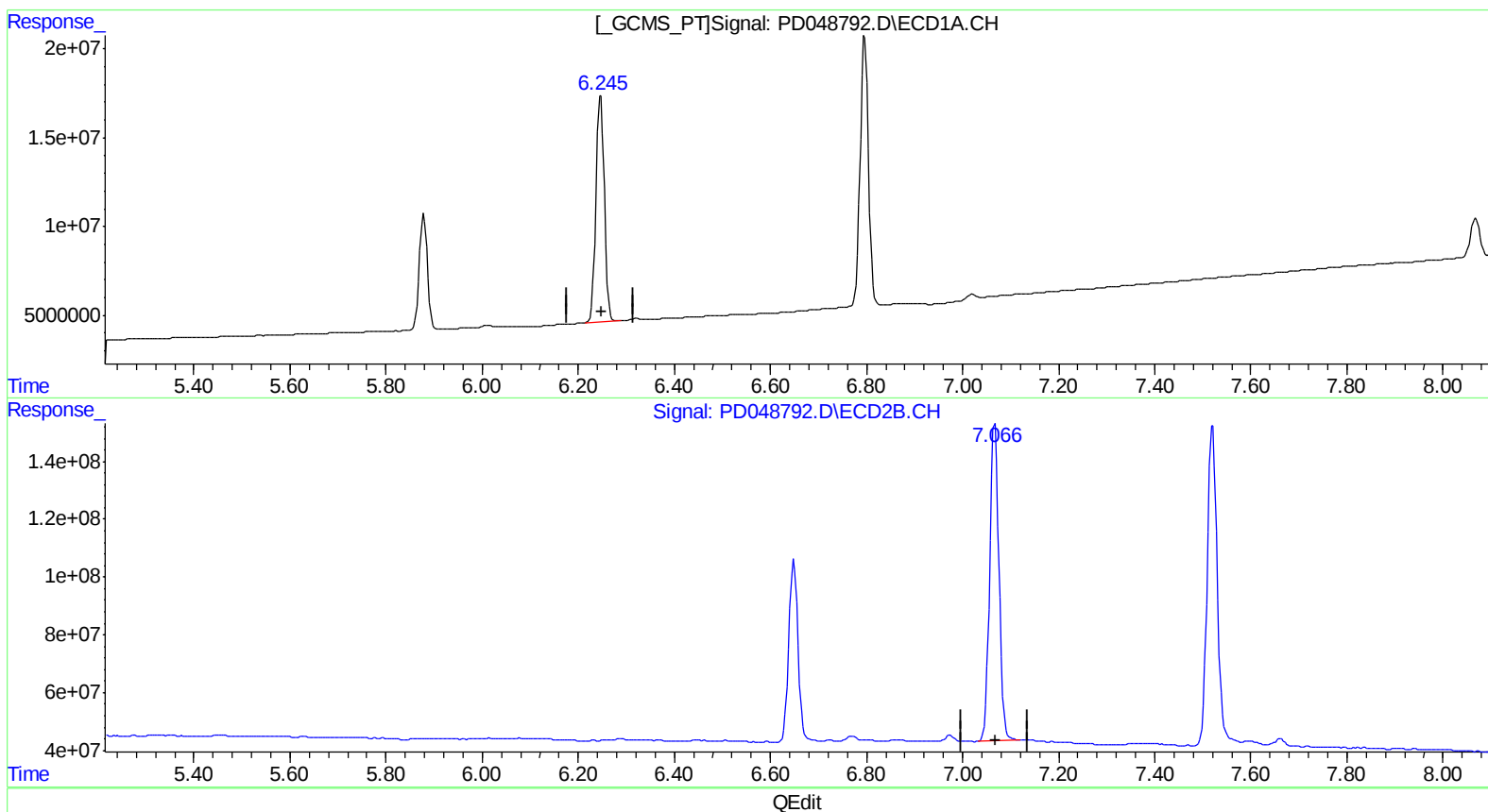
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(17) 4,4'-DDT (MA)
6.247min 91.454 ng/ml
response 154417502

(17) 4,4'-DDT #2 (MA)
7.066min 91.960 ng/ml m
response 1503556886

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081018\
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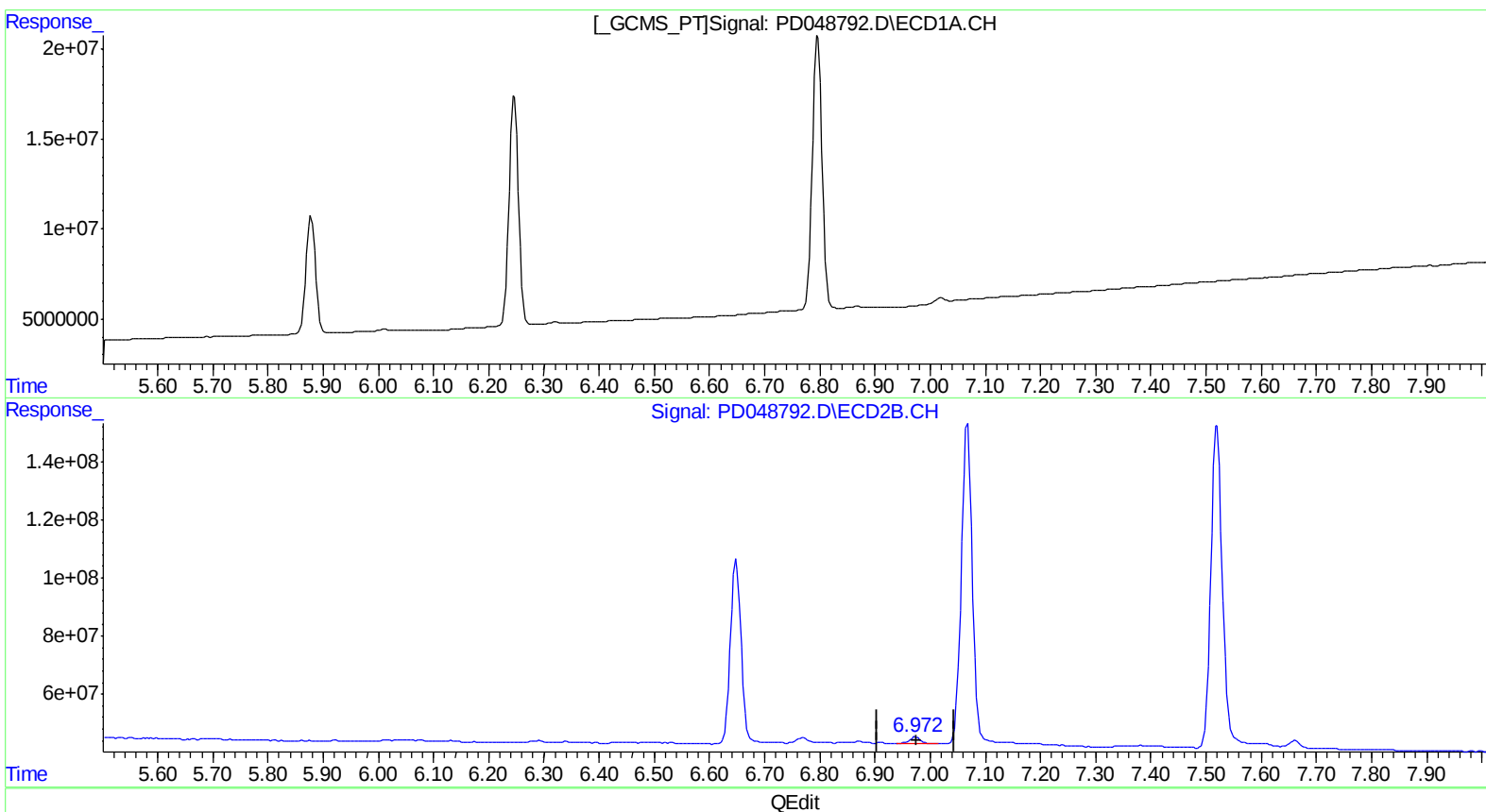
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(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

6.974min 1.680 ng/ml

response 26049711

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081018\
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Sample : PEM32
Misc :
ALS Vial : 3 Sample Multiplier: 1

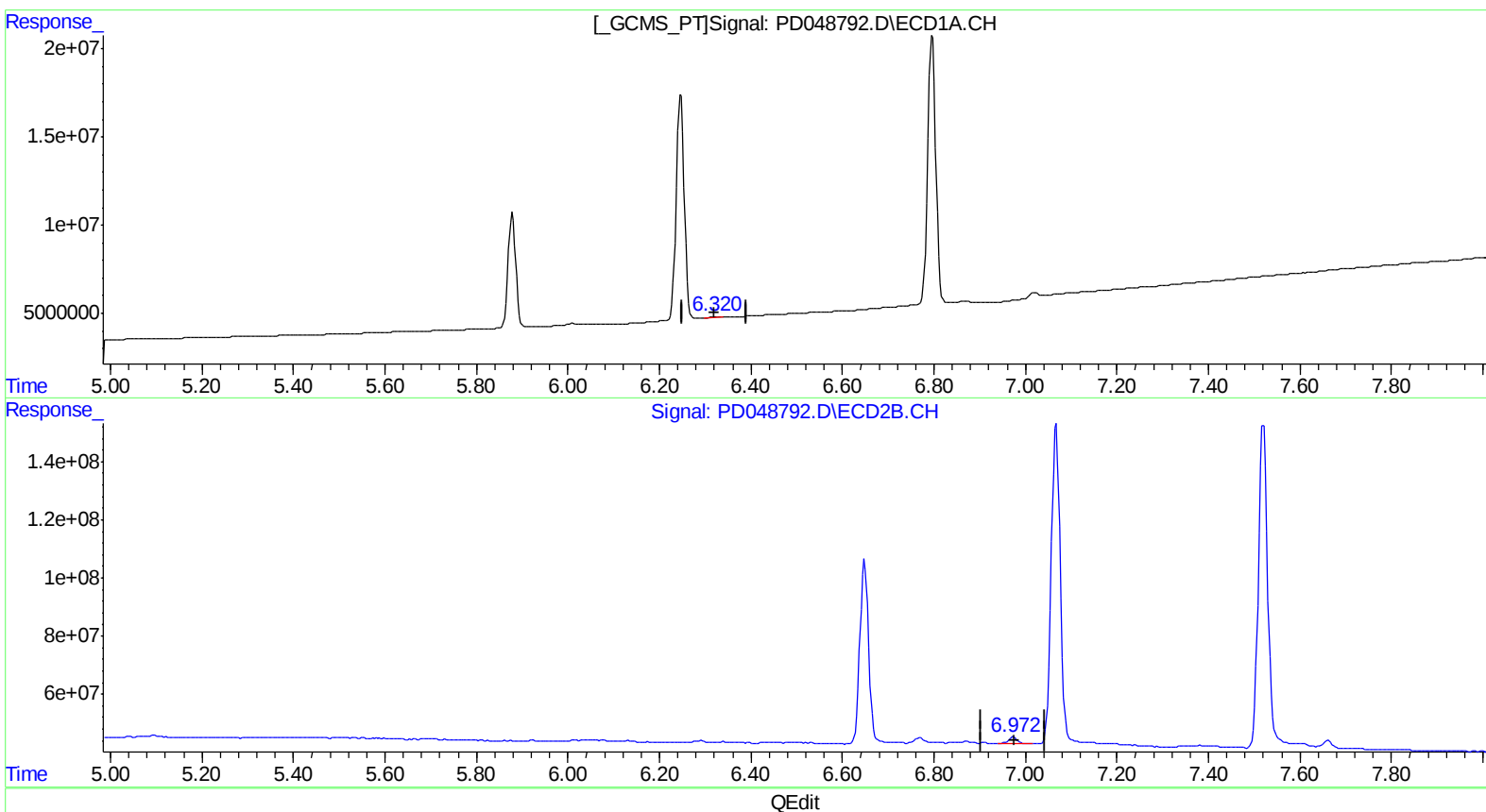
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.320min 0.679 ng/ml m

response 912484

(18) Endrin aldehyde #2 (B)

6.974min 1.680 ng/ml

response 26049711

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081018\
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 Operator : AJ\SJ
 Sample : PEM32
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 LabSampleId :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 23:30:26 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
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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...	3.370	3.968	24569654	355.4E6	17.833	18.477
27) SA Decachlor...	8.068	8.994	29285791	325.6E6	18.079	18.138
Target Compounds						
2) A alpha-BHC	3.801	4.348	20036187	280.8E6	9.254	9.353
3) MA gamma-BHC...	4.078	4.628	24900929	272.1E6	11.694m)	9.732m)
6) B beta-BHC	4.328	4.789	7728750	100.3E6	9.714	9.554
12) B 4,4'-DDE	5.497	6.290	221423	8390308	0.122m)	0.417m#)
14) MA Endrin	5.879	6.649	75900013	841.4E6	45.698	45.378
16) A 4,4'-DDD	6.010	6.768	948046	21952061	0.590m)	1.396m#)
17) MA 4,4'-DDT	6.247	7.066	154.4E6	1503.6E6	91.454	91.960m)
18) B Endrin al...	6.320	6.974	912484	26049711	0.679m)	1.680 #)
20) A Methoxychlor	6.797	7.520	188.4E6	1575.2E6	215.490	227.668
21) B Endrin ke...	7.020	7.662	3074621	30449315	1.664	1.767

} SJ 08/14/18

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