

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091218\
Data File : PD049172.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Sep 2018 10:47
Operator : AJ\SJ
Sample : J4792-16RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

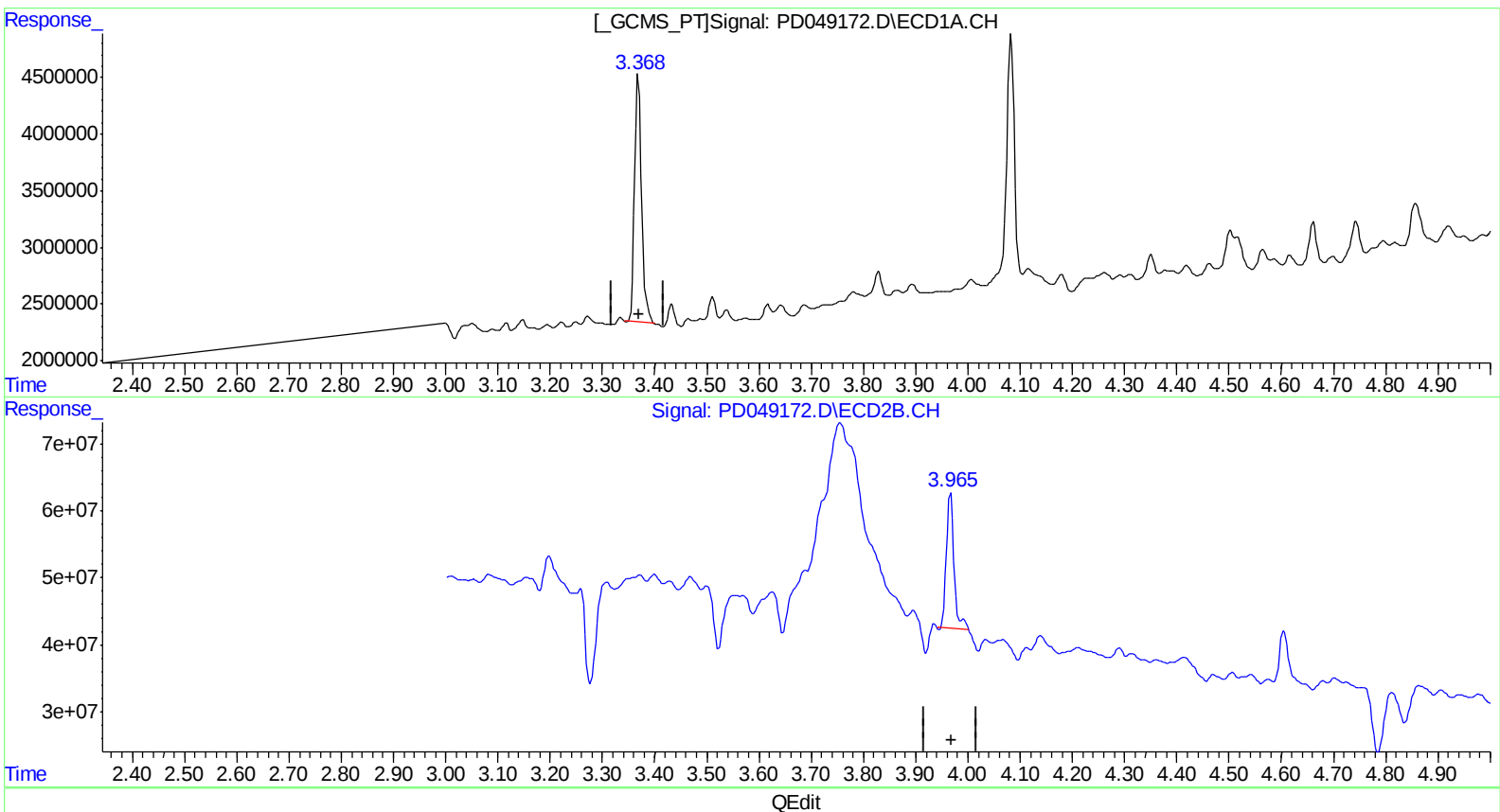
Instrument :
ECD_D
ClientSampled :
A3YY5RE

Manual Integrations
APPROVED

Sohil
9/13/2018 9:19:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 03:52:04 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081618CLP.M
Quant Title : GC Extractables
QLast Update : Thu Aug 16 13:32:25 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



(1) Tetrachloro-m-xylene (SA)

3.369min 16.313 ng/ml

response 19910608

(1) Tetrachloro-m-xylene #2 (SA)

3.967min 11.696 ng/ml

response 205650839

(+) = Expected Retention Time

PD081618CLP.M Thu Sep 13 04:50:09 2018

Page: 1

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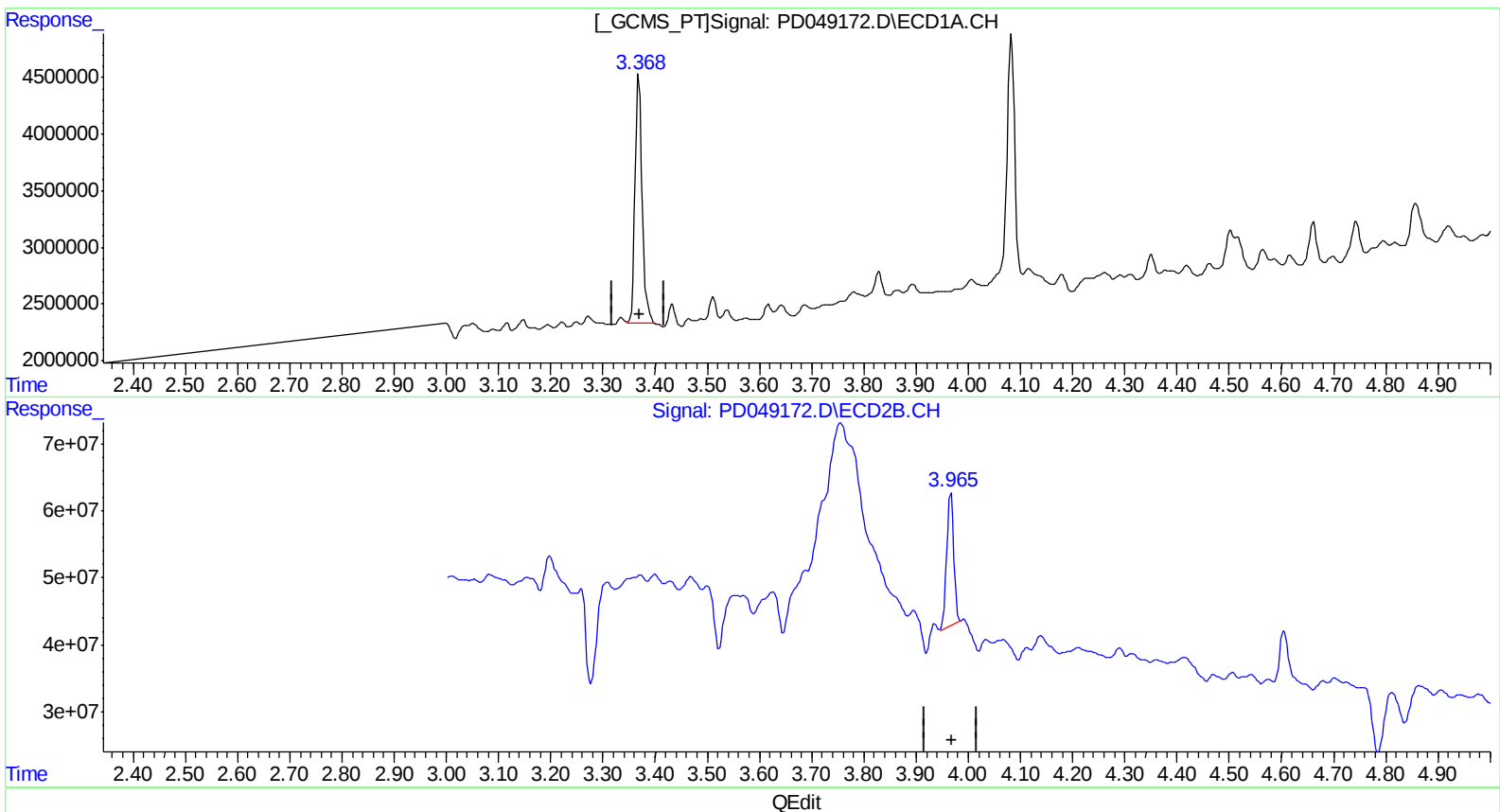
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(1) Tetrachloro-m-xylene (SA)

3.368min 16.540 ng/ml m

response 20188076

(1) Tetrachloro-m-xylene #2 (SA)

3.965min 10.734 ng/ml m

response 188729621

(+) = Expected Retention Time

PD081618CLP.M Thu Sep 13 04:50:32 2018

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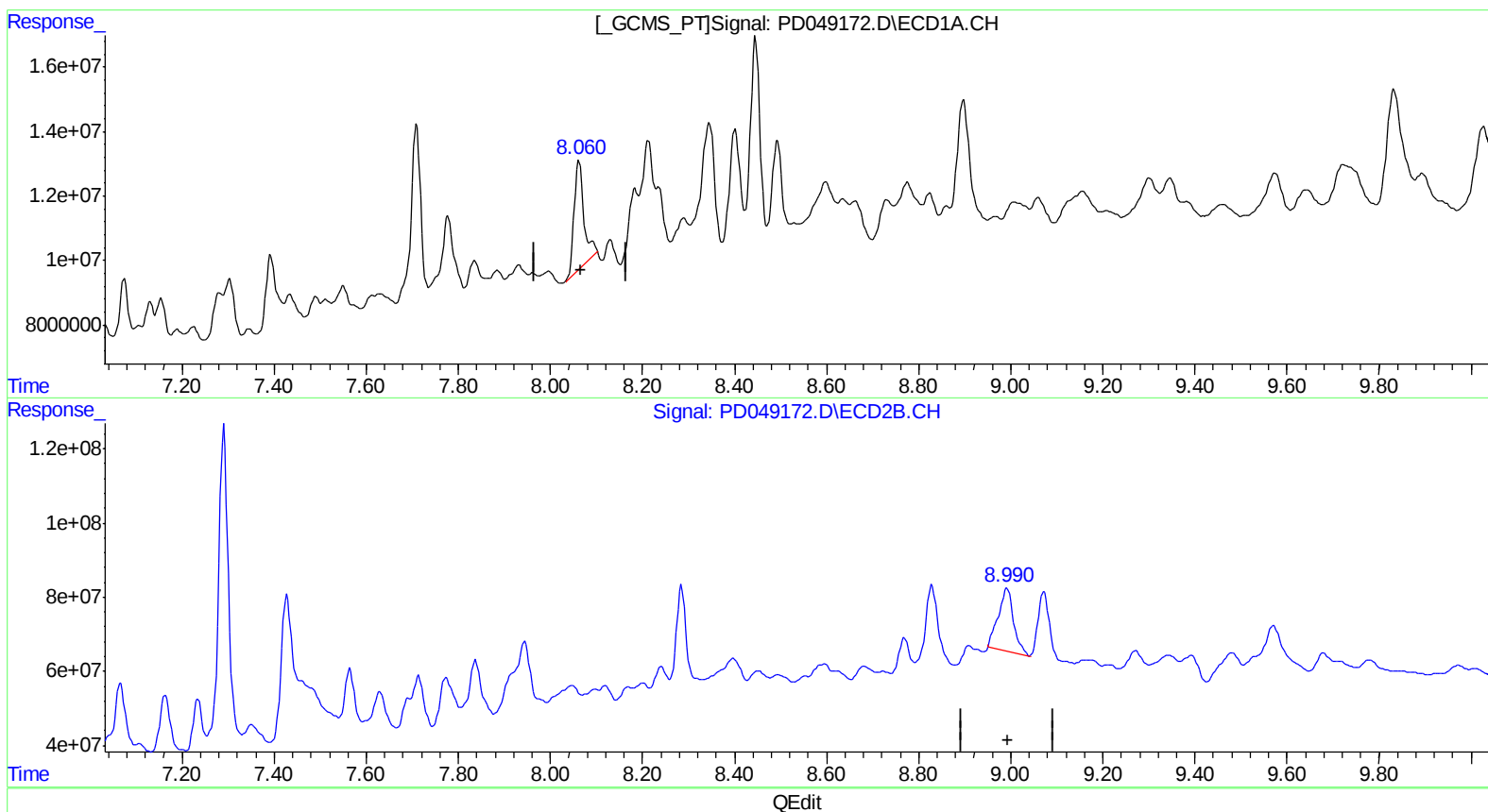
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ClientSampleId :
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(27) Decachlorobiphenyl (SA)

8.062min 34.759 ng/ml

response 50048878

(27) Decachlorobiphenyl #2 (SA)

8.992min 23.900 ng/ml

response 386901656

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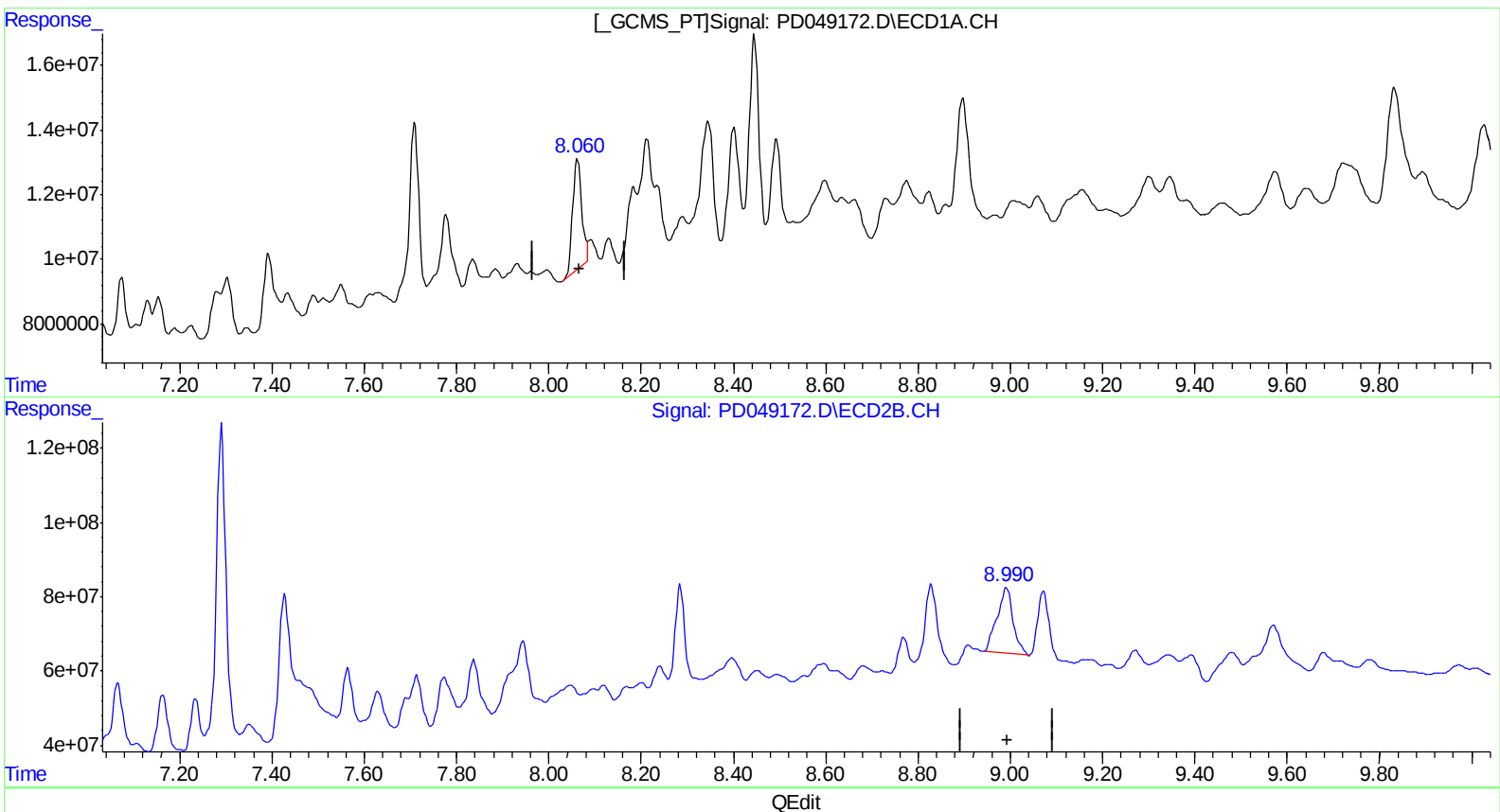
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ClientSampleId :
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(27) Decachlorobiphenyl (SA)

8.060min 33.443 ng/ml m

response 48154313

(27) Decachlorobiphenyl #2 (SA)

8.990min 26.496 ng/ml m

response 428928227

(+) = Expected Retention Time

PD081618CLP.M Thu Sep 13 04:51:00 2018

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Misc :
ALS Vial : 6 Sample Multiplier: 1

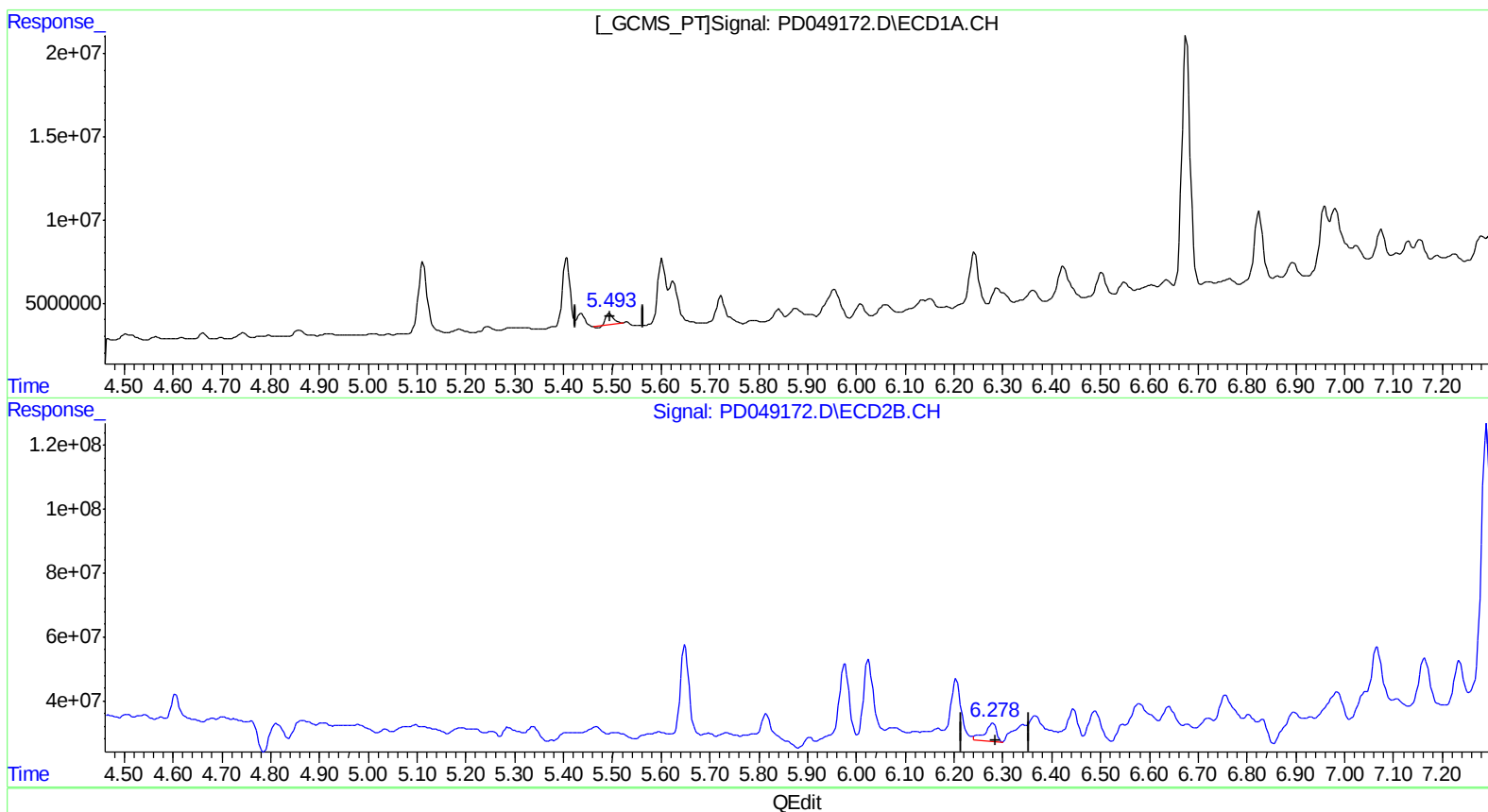
Instrument :
ECD_D
ClientSampleId :
A3YY5RE

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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



(12) 4,4'-DDE (B)
5.494min 3.960 ng/ml
response 6605399

(12) 4,4'-DDE #2 (B)
6.279min 4.621 ng/ml
response 93650588

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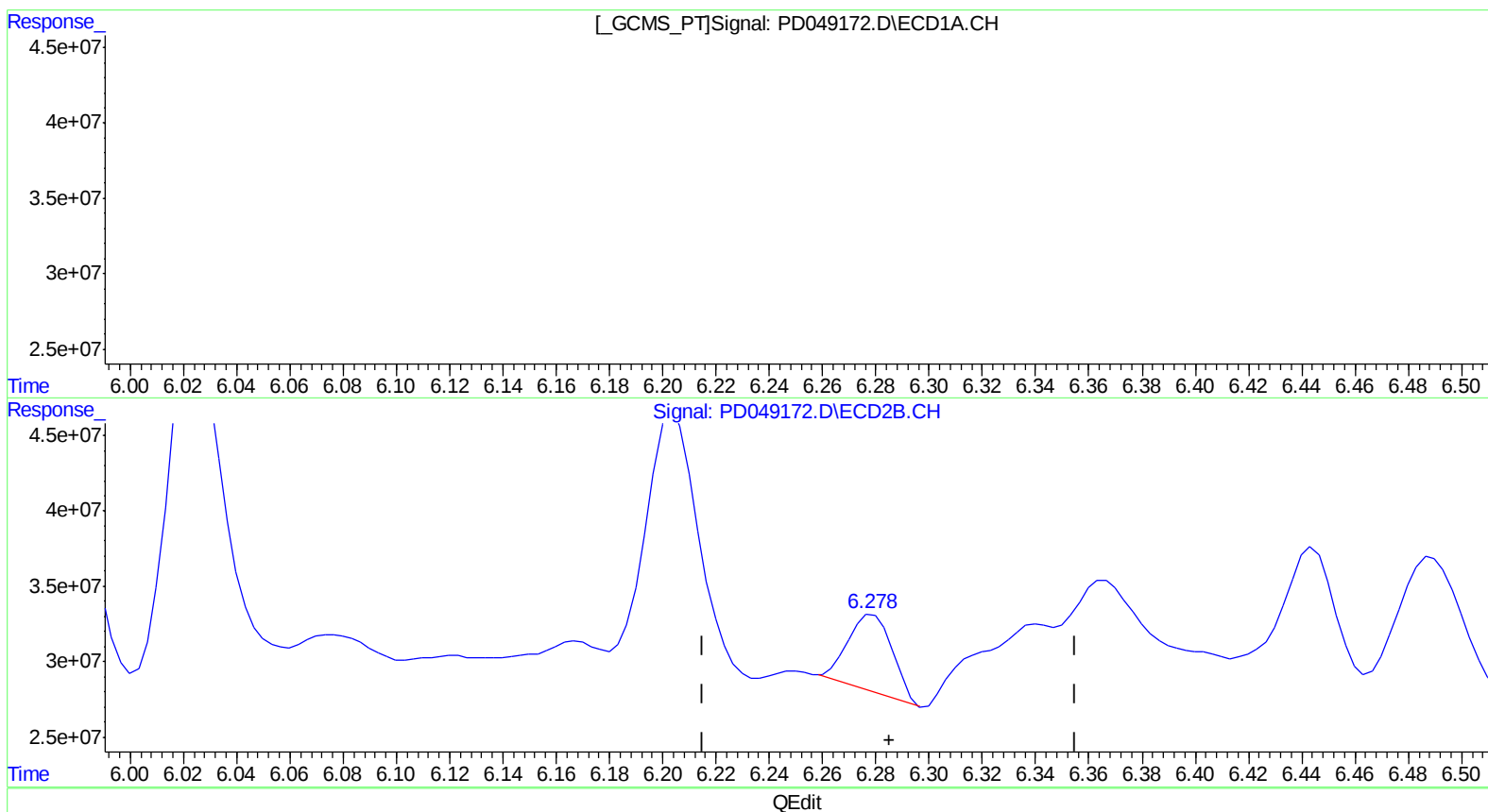
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.493min 5.372 ng/ml m
response 8959747

(12) 4,4'-DDE #2 (B)
6.278min 2.926 ng/ml m
response 59301207

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091218\
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Operator : AJ\SJ
Sample : J4792-16RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

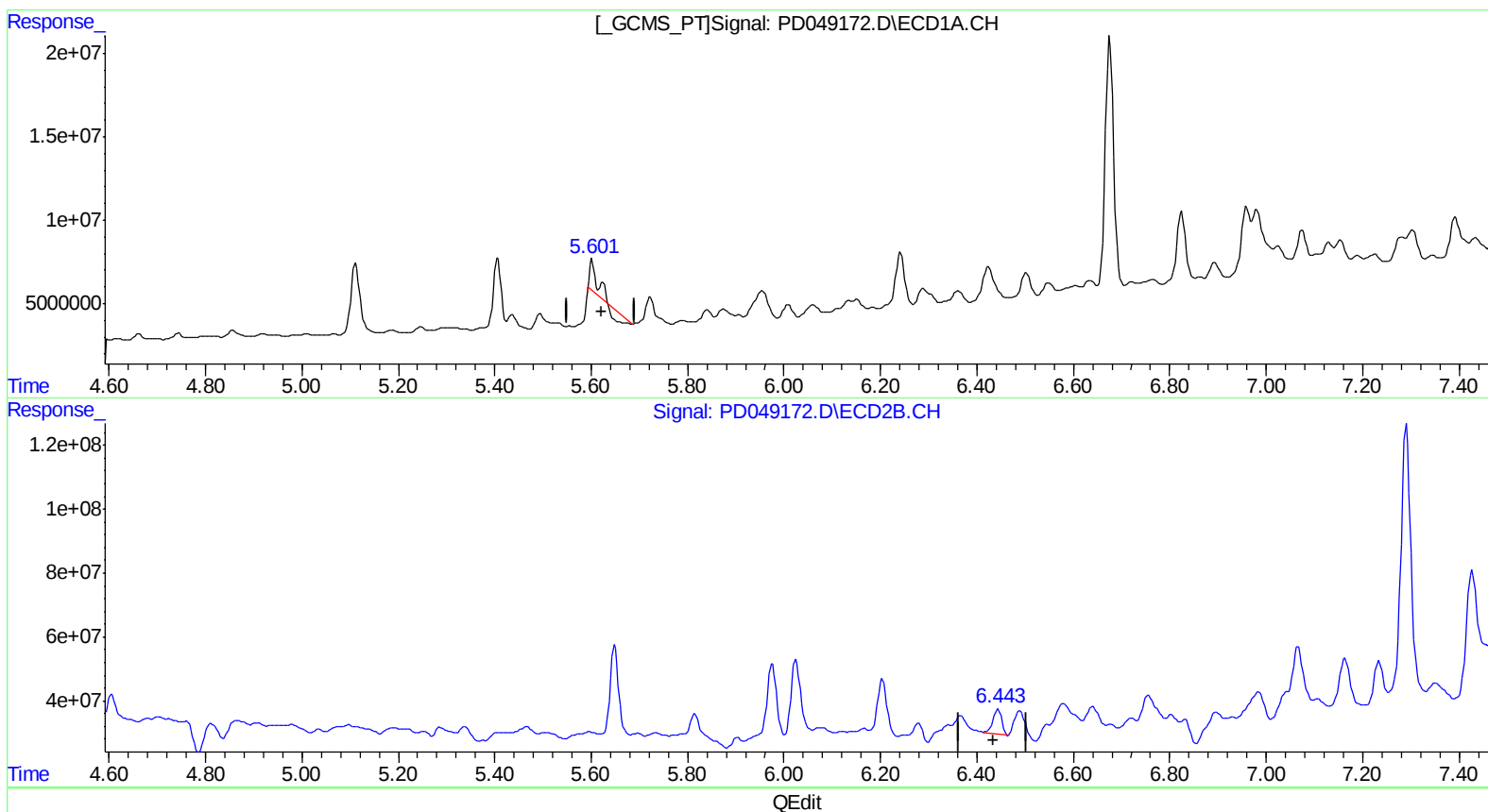
Instrument :
ECD_D
ClientSampleId :
A3YY5RE

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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



(13) Dieldrin (MA)
5.625min 1.654 ng/ml
response 2900170

(13) Dieldrin #2 (MA)
6.444min 4.464 ng/ml
response 98983575

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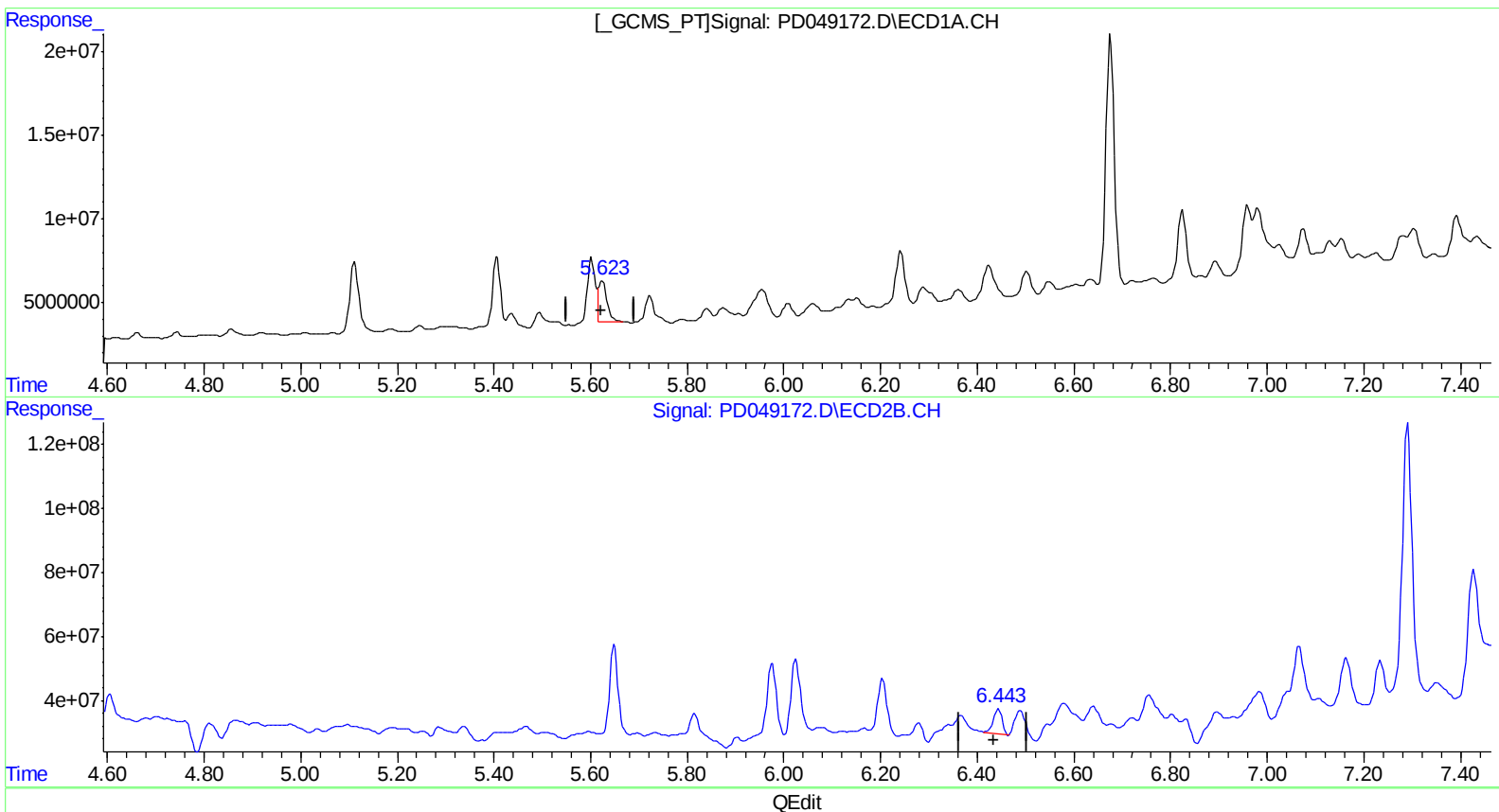
Instrument :
ECD_D
ClientSampleId :
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(13) Dieldrin (MA)
5.623min 15.966 ng/ml m
response 27995007

(13) Dieldrin #2 (MA)
6.444min 4.464 ng/ml
response 98983575

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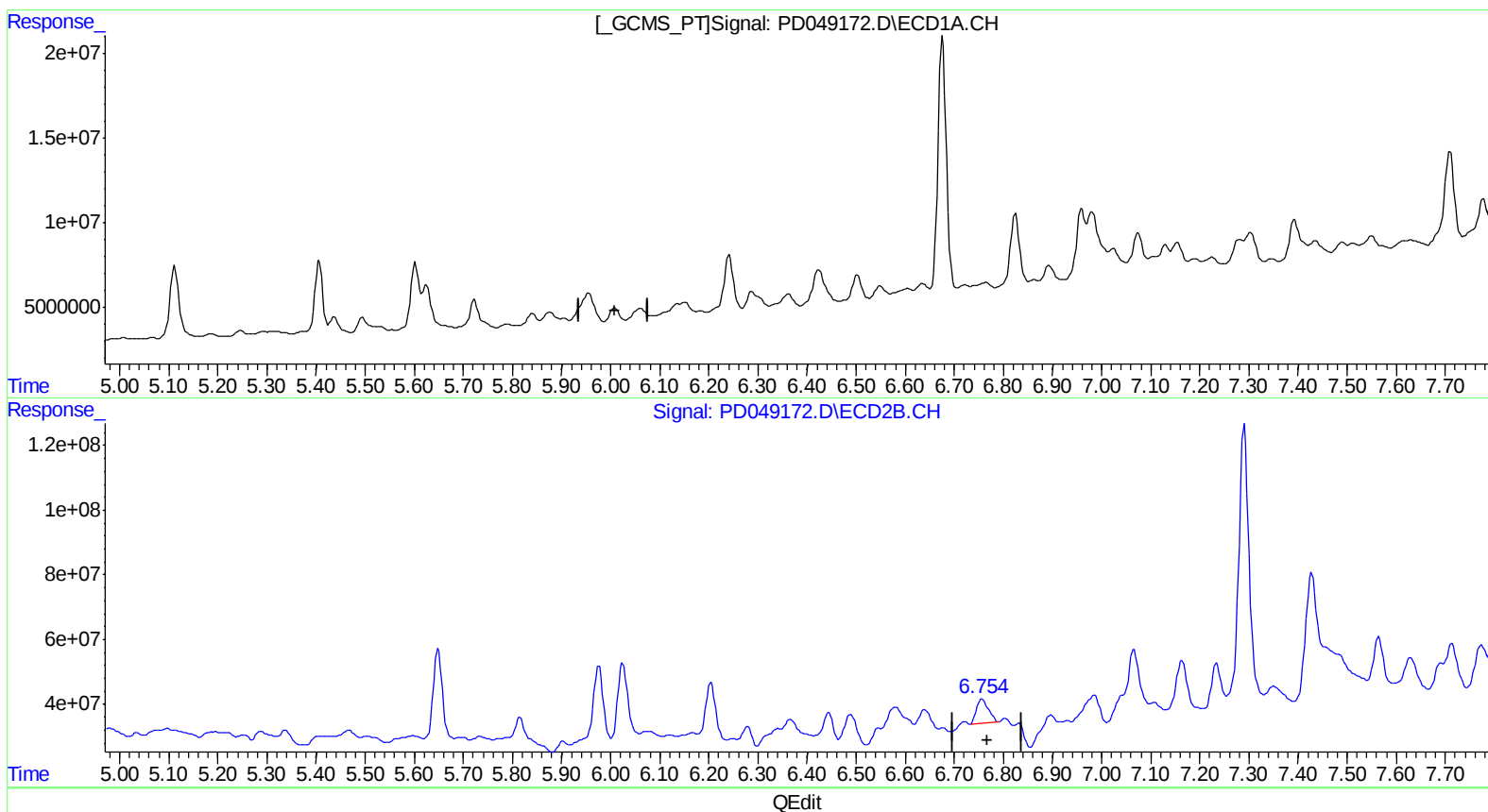
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(16) 4,4'-DDD (A)
6.009min -1.285 ng/ml
response -1832958

(16) 4,4'-DDD #2 (A)
6.756min 8.302 ng/ml
response 125878632

(+) = Expected Retention Time

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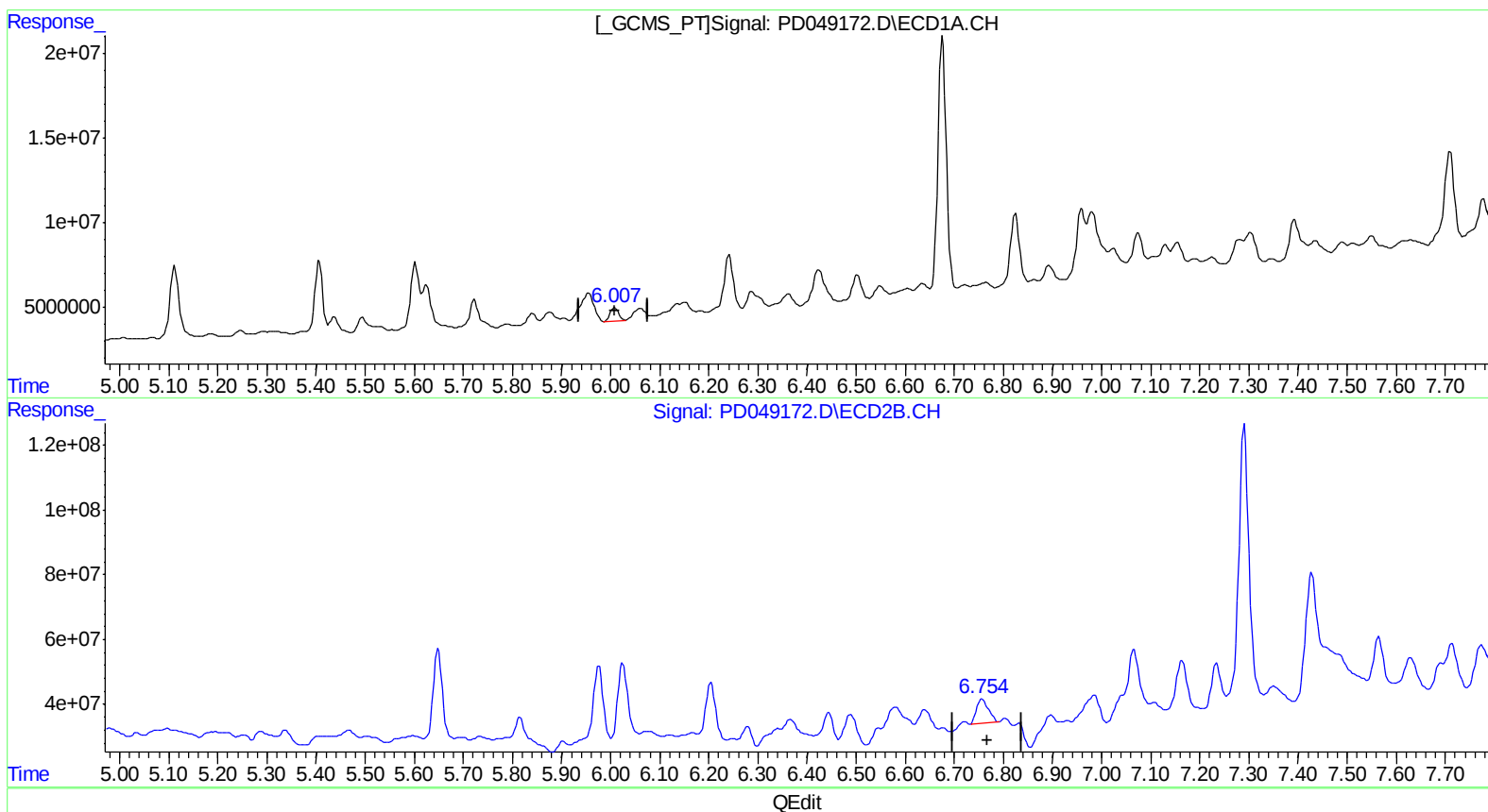
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ECD_D
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
6.007min 6.572 ng/ml m
response 9370562

(16) 4,4'-DDD #2 (A)
6.756min 8.302 ng/ml
response 125878632

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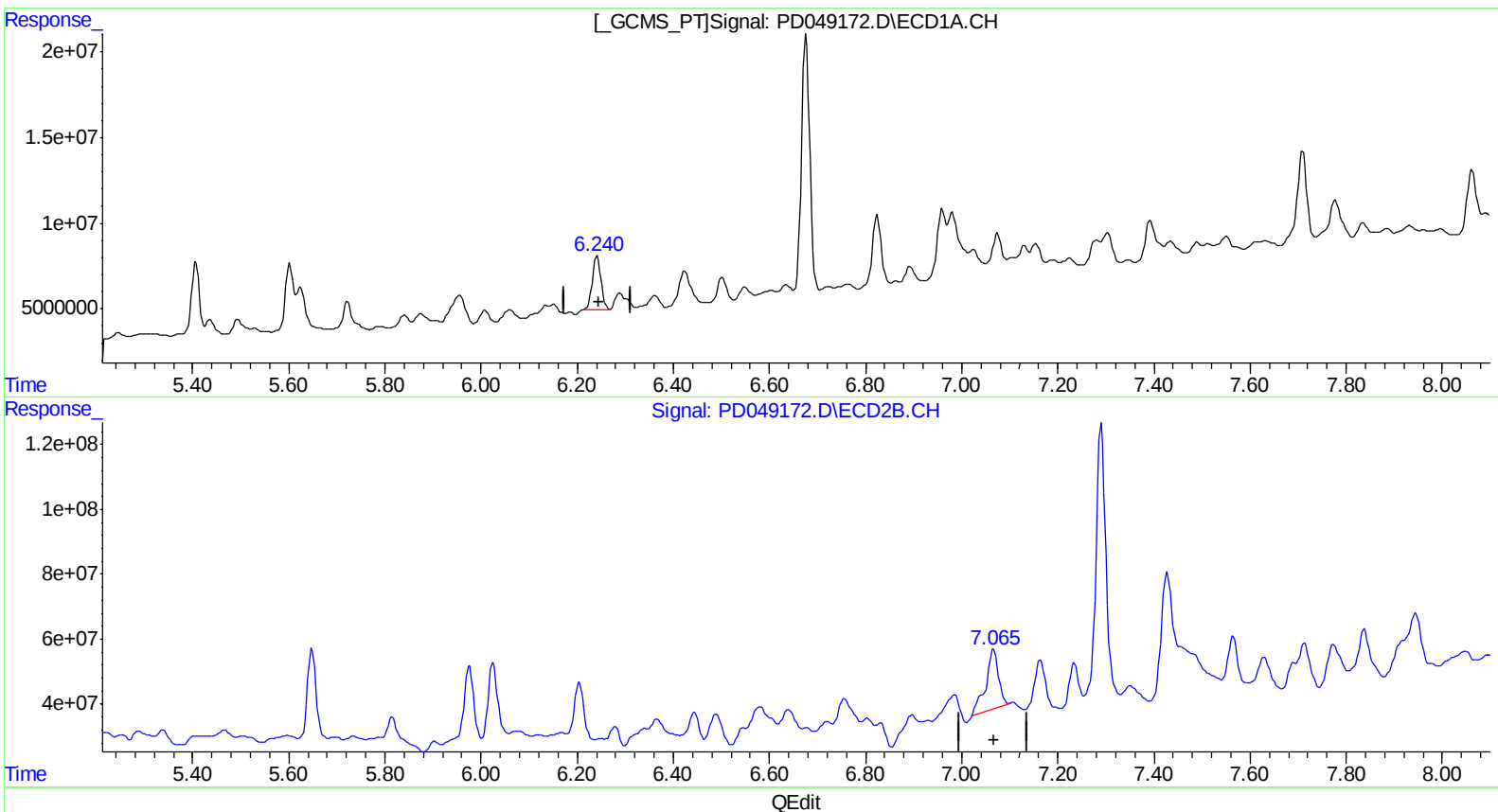
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(17) 4,4'-DDT (MA)
6.242min 26.274 ng/ml
response 38791694

(17) 4,4'-DDT #2 (MA)
7.066min 20.456 ng/ml
response 329844365

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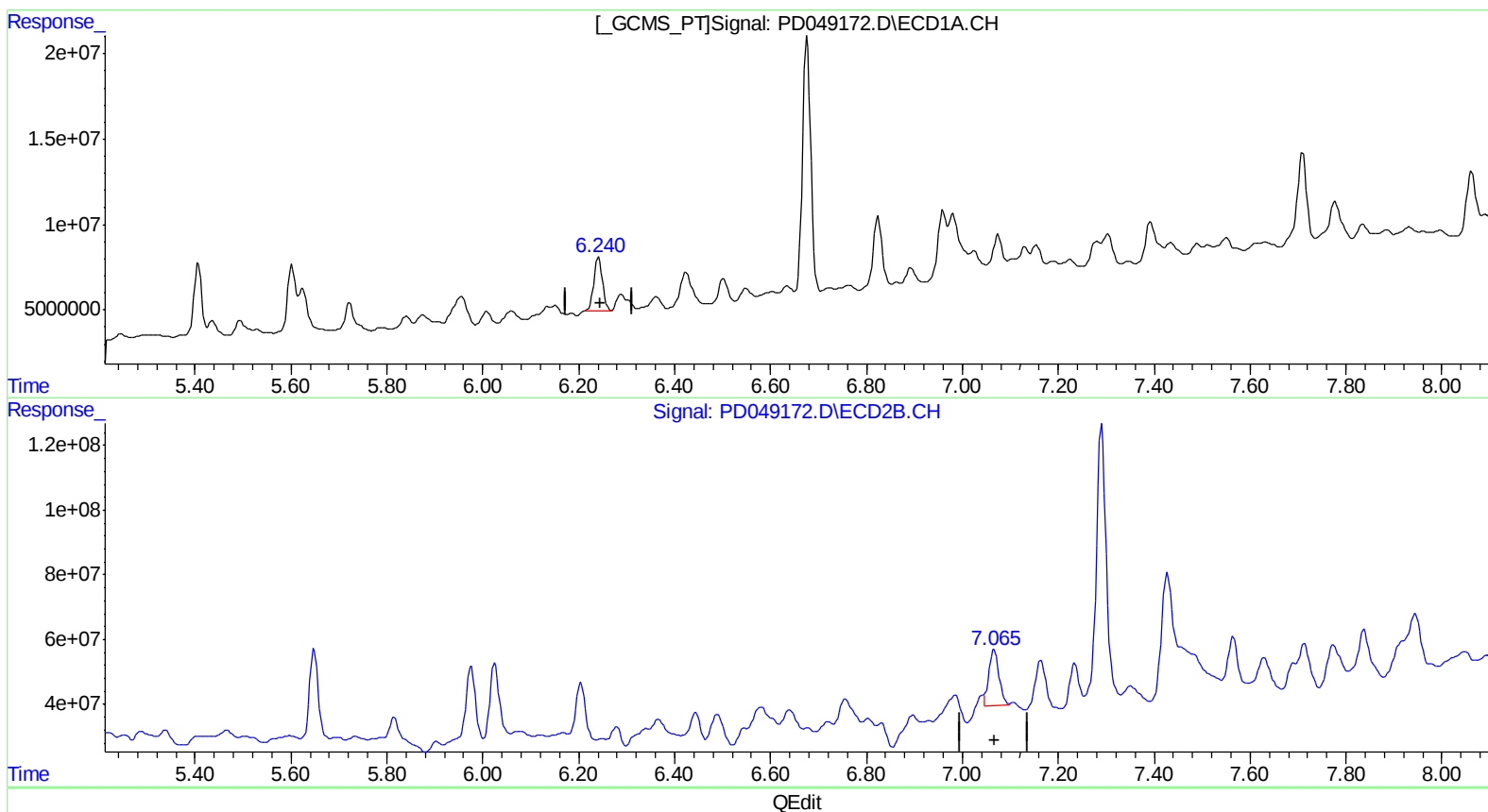
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(17) 4,4'-DDT (MA)
6.242min 26.274 ng/ml
response 38791694

(17) 4,4'-DDT #2 (MA)
7.065min 15.857 ng/ml m
response 255689406

Quantitation Report (QT Reviewed)

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.368	3.965	20188076	188.7E6	16.540m)	10.734m#)
27) SA Decachlor...	8.060	8.990	48154313	428.9E6	33.443m)	26.496m)
Target Compounds						
12) B 4,4'-DDE	5.493	6.278	8959747	59301207	5.372m)	2.926m#)
13) MA Dieldrin	5.623	6.444	27995007	98983575	15.966m)	4.464 #
16) A 4,4'-DDD	6.007	6.756	9370562	125.9E6	6.572m)	8.302 #
17) MA 4,4'-DDT	6.242	7.065	38791694	255.7E6	26.274	15.857m#)

5509117118

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