

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

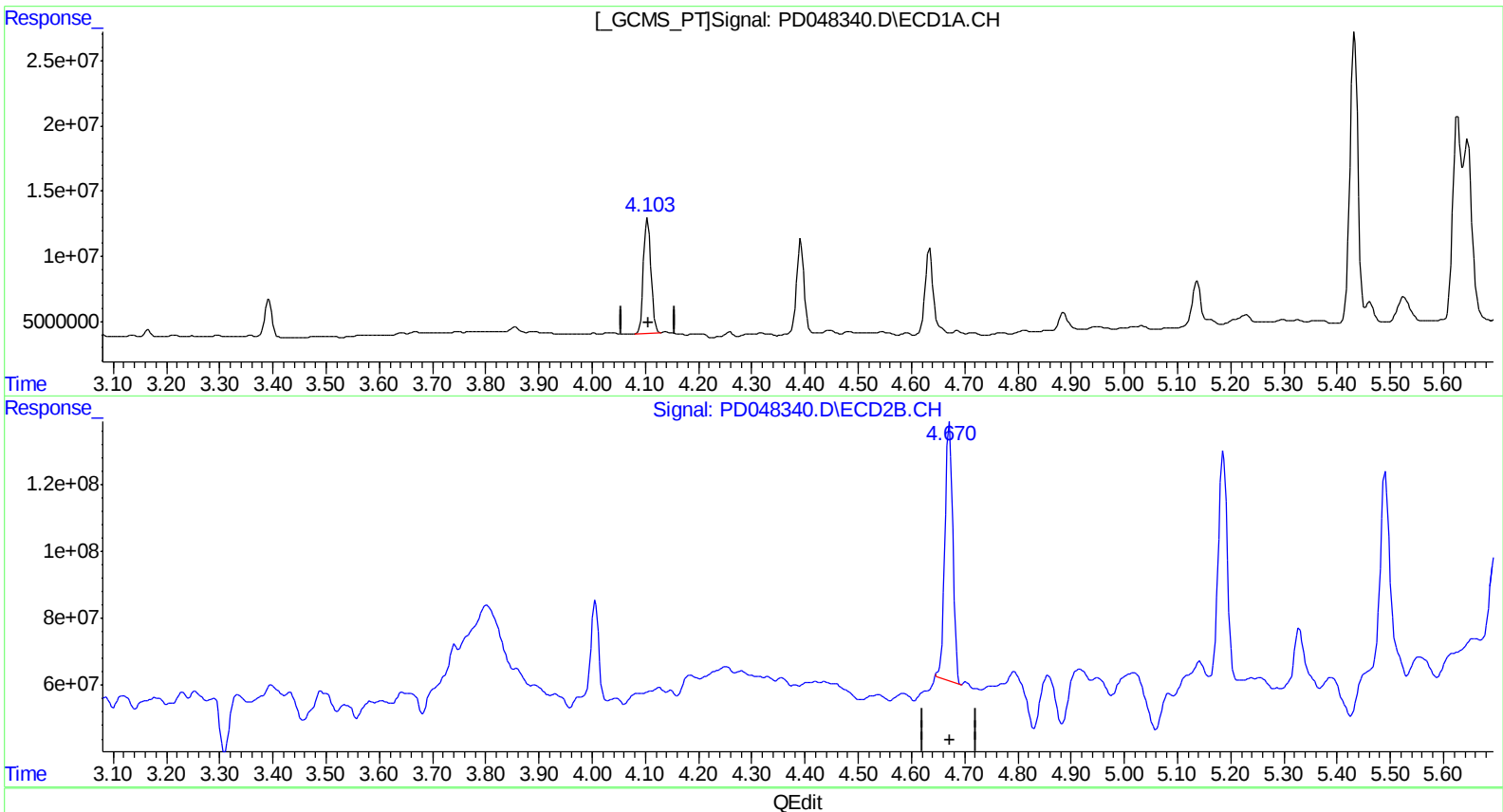
Instrument :
ECD_D
ClientSampled :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

4.105min 46.651 ng/ml

response 87477707

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

4.671min 26.785 ng/ml

response 776975736

(+) = Expected Retention Time

PD062818CLP.M Tue Jul 10 04:39:02 2018

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

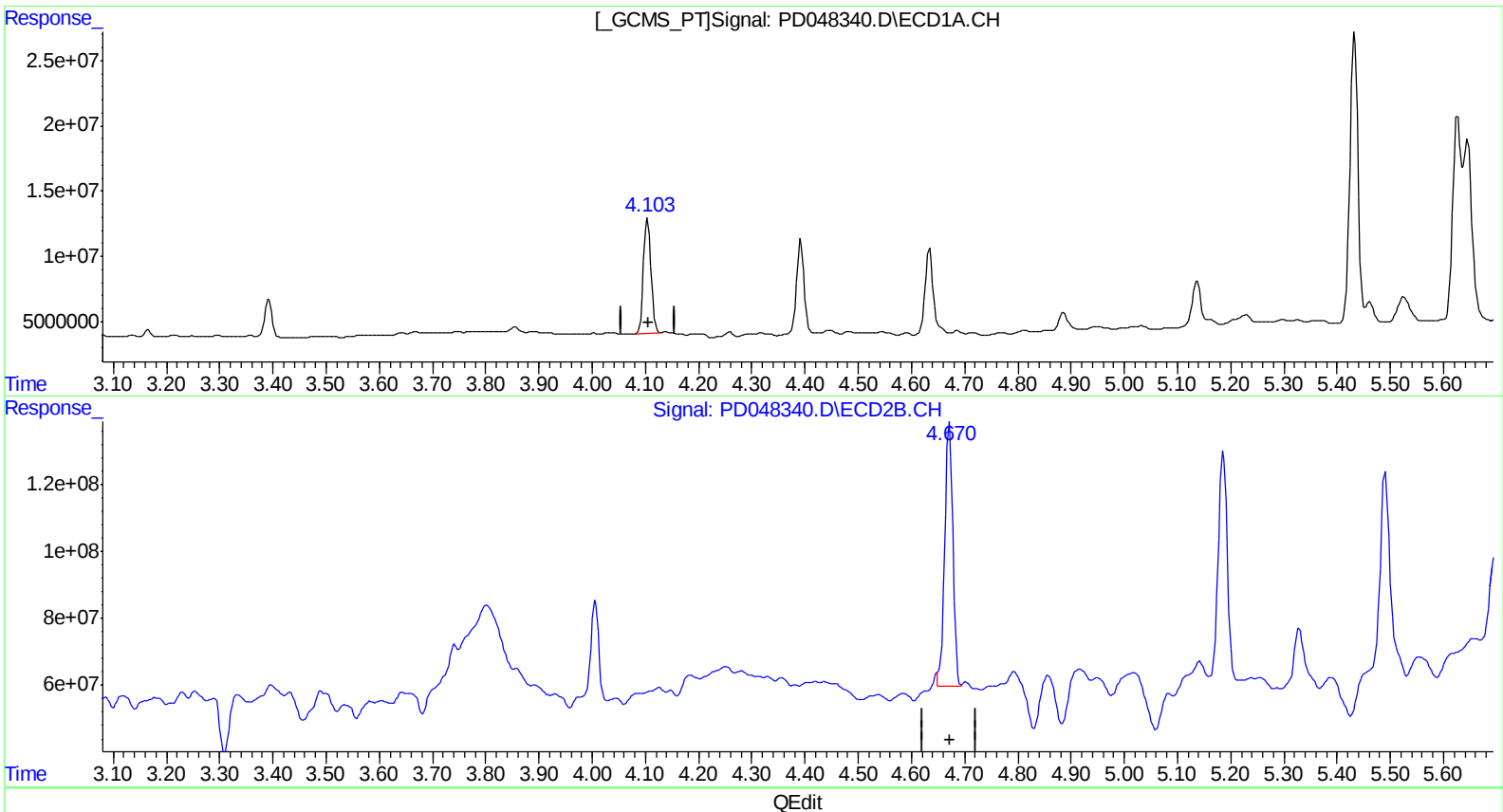
Instrument :
ECD_D
ClientSampled :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

4.105min 46.651 ng/ml

response 87477707

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

4.670min 27.979 ng/ml m

response 811622552

(+) = Expected Retention Time

PD062818CLP.M Tue Jul 10 04:39:23 2018

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

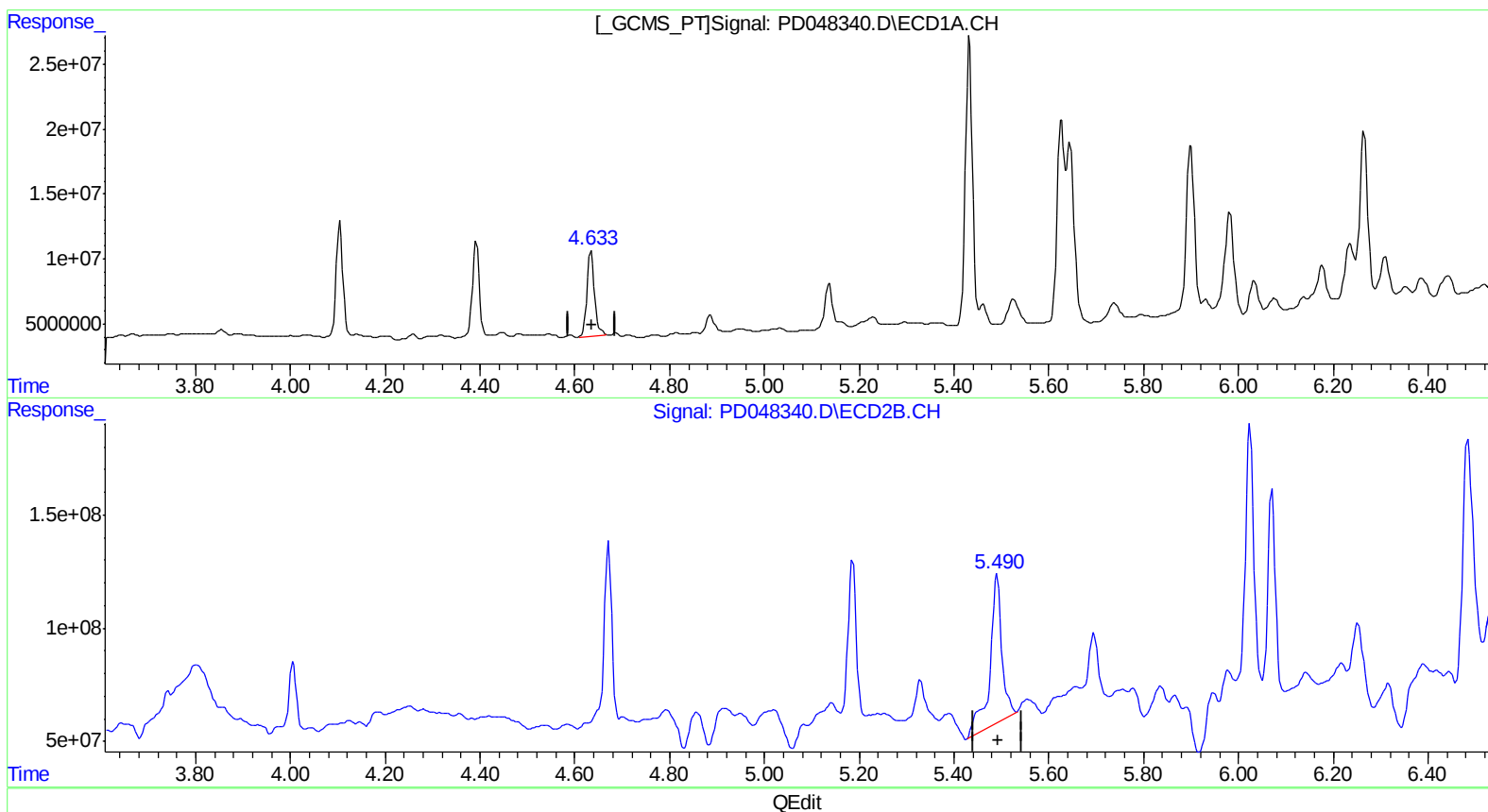
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(5) Aldrin (MB)
4.634min 41.457 ng/ml
response 71342535

(5) Aldrin #2 (MB)
5.491min 40.982 ng/ml
response 1140783260

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

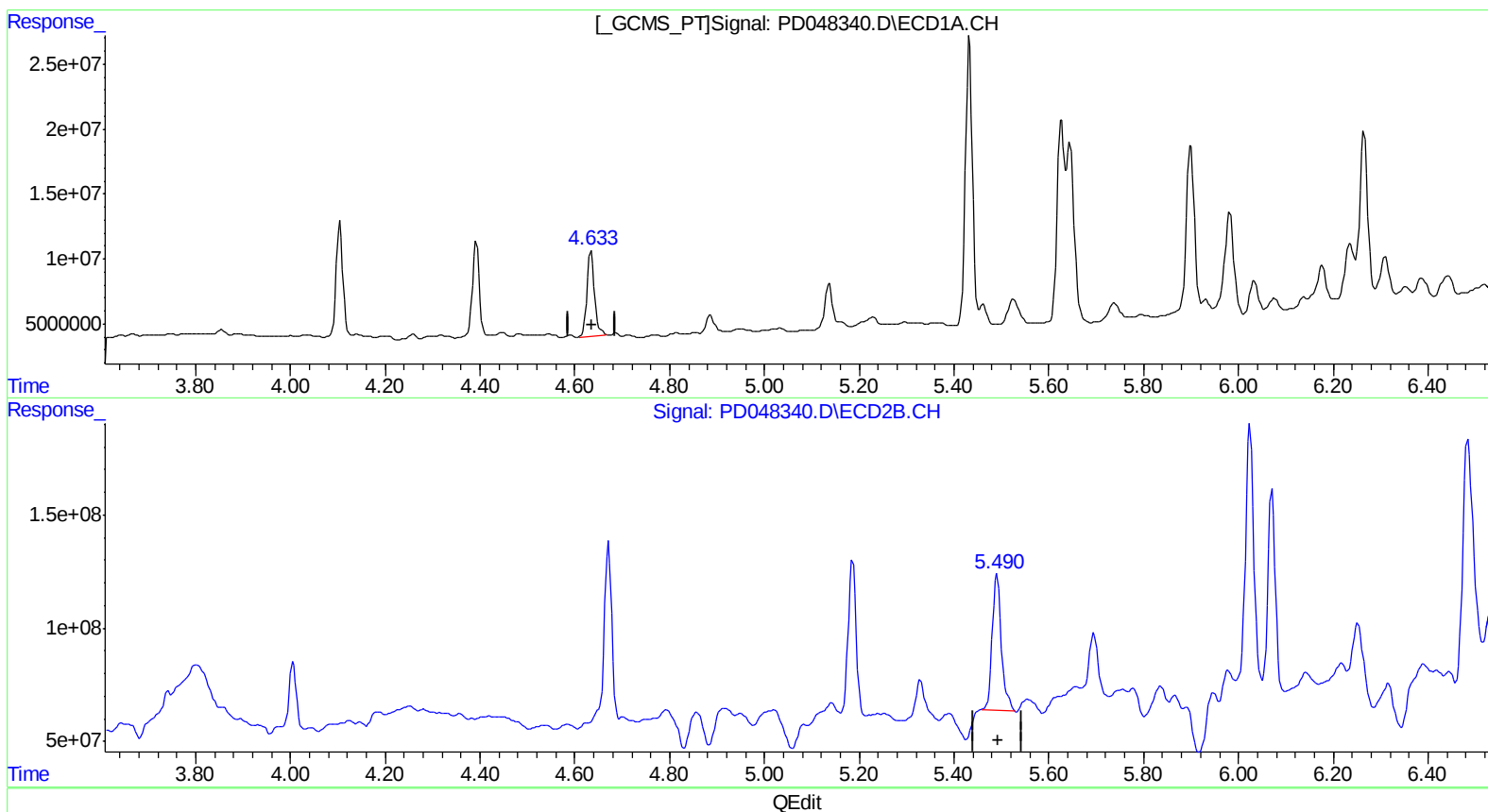
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(5) Aldrin (MB)
4.634min 41.457 ng/ml
response 71342535

(5) Aldrin #2 (MB)
5.490min 28.641 ng/ml m
response 797268266

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

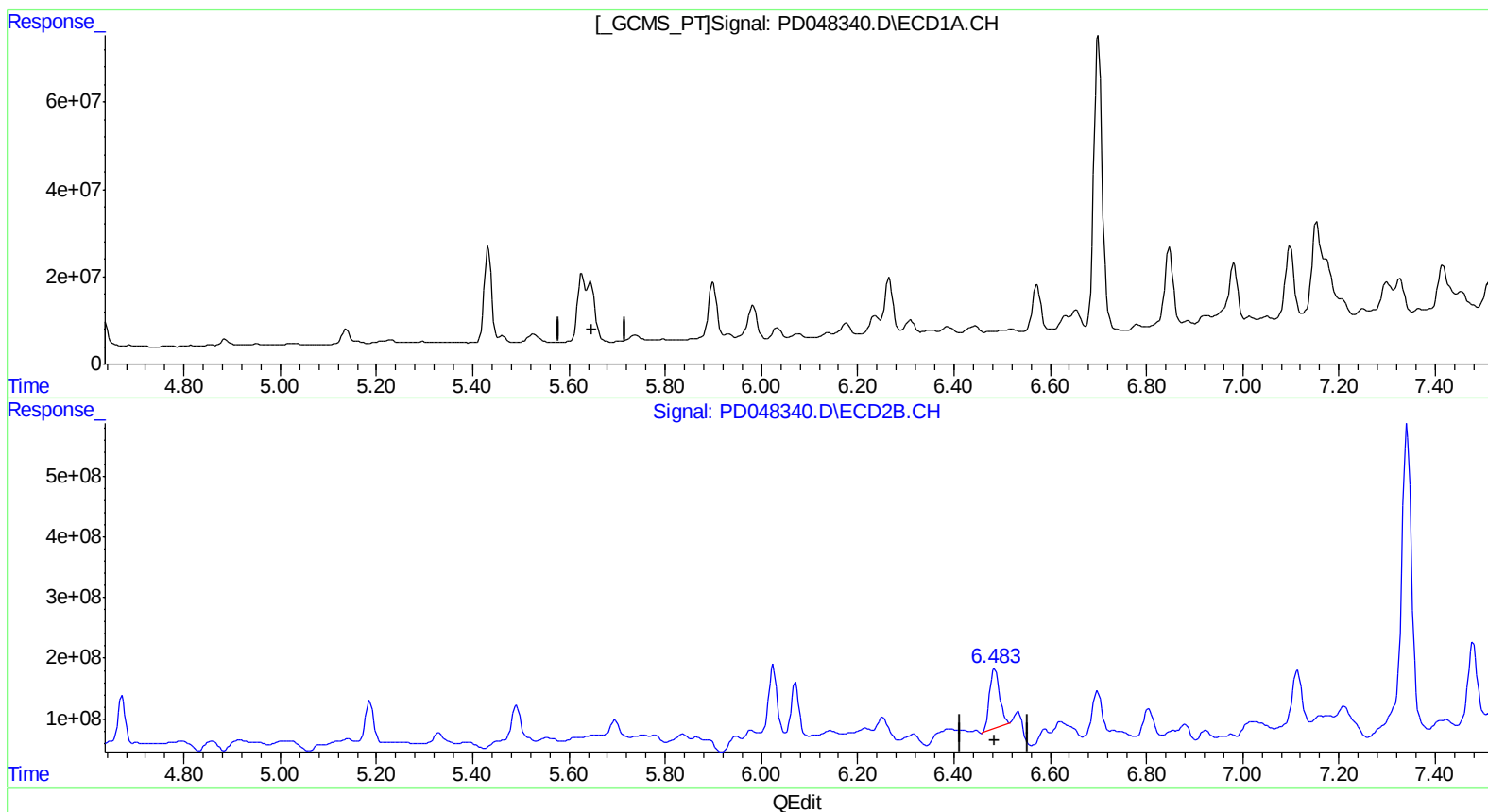
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(13) Dieldrin (MA)
5.645min -14.446 ng/ml
response -24979595

(13) Dieldrin #2 (MA)
6.484min 59.933 ng/ml
response 1446287663

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

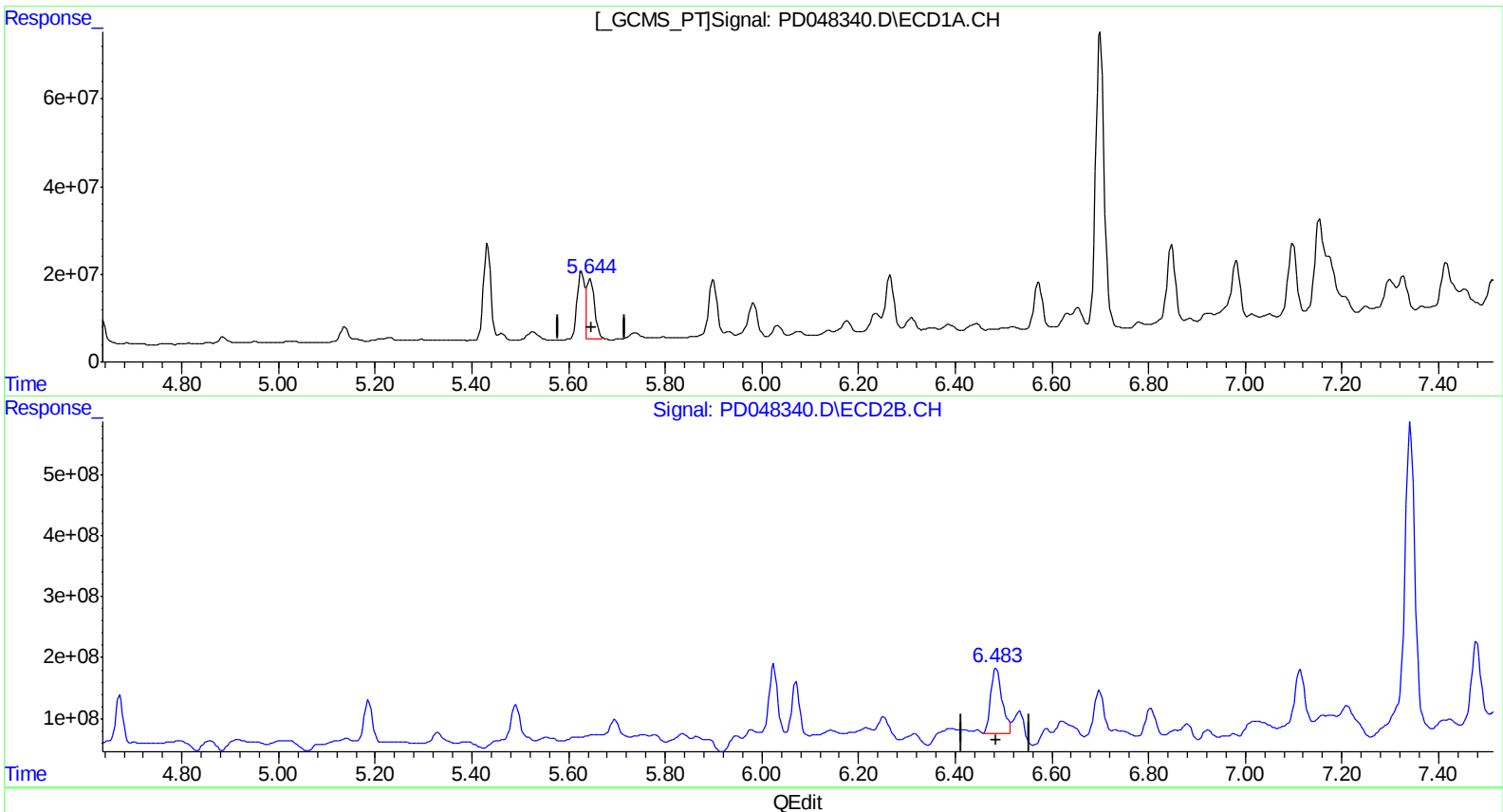
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(13) Dieldrin (MA)
5.644min 83.484 ng/ml m
response 144361189

(13) Dieldrin #2 (MA)
6.483min 71.617 ng/ml m
response 1728230989

(+) = Expected Retention Time

PD062818CLP.M Tue Jul 10 04:40:07 2018

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

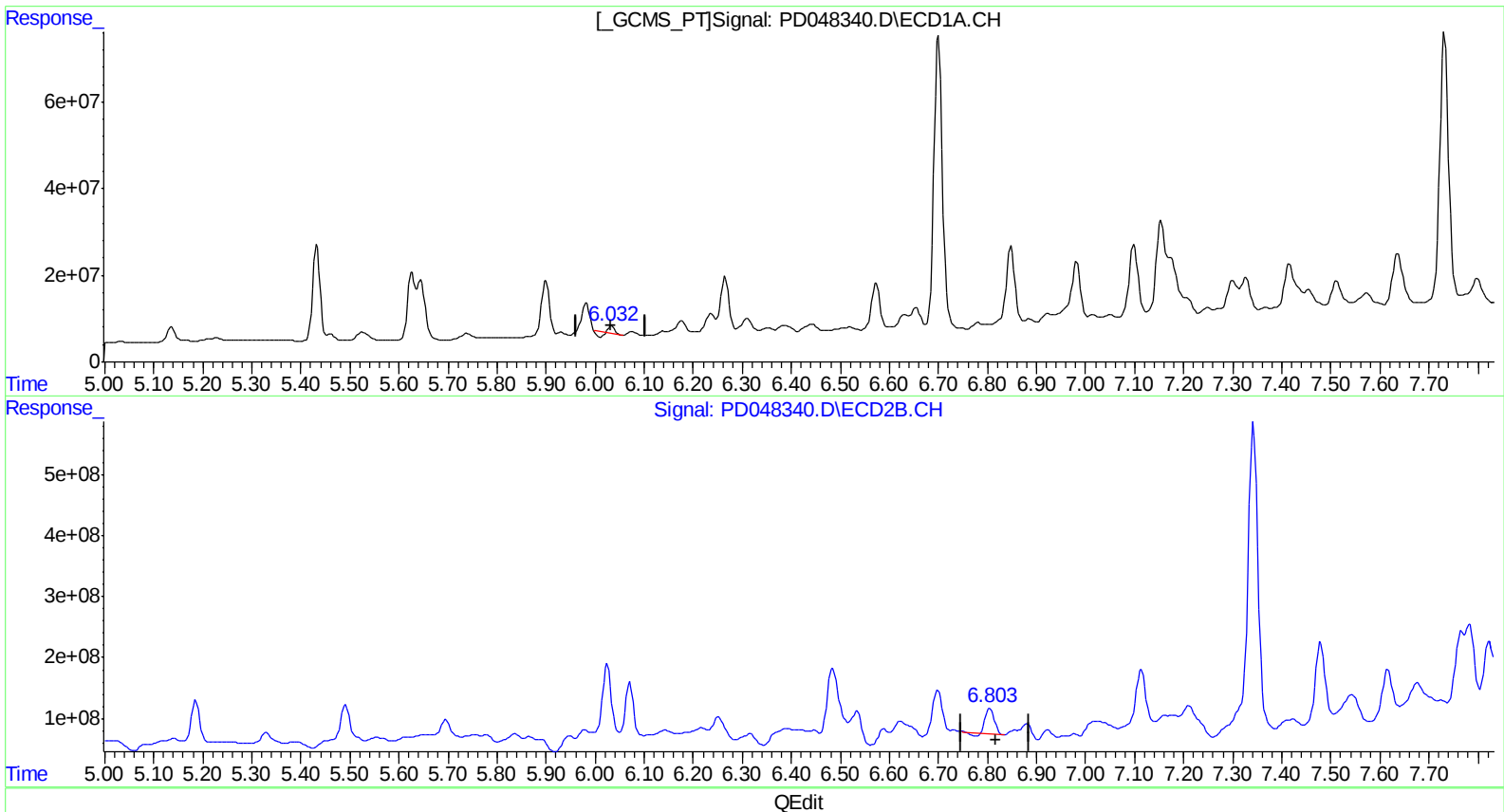
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(16) 4,4'-DDD (A)
6.033min 0.689 ng/ml
response 953269

(16) 4,4'-DDD #2 (A)
6.805min 26.793 ng/ml
response 502877396

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

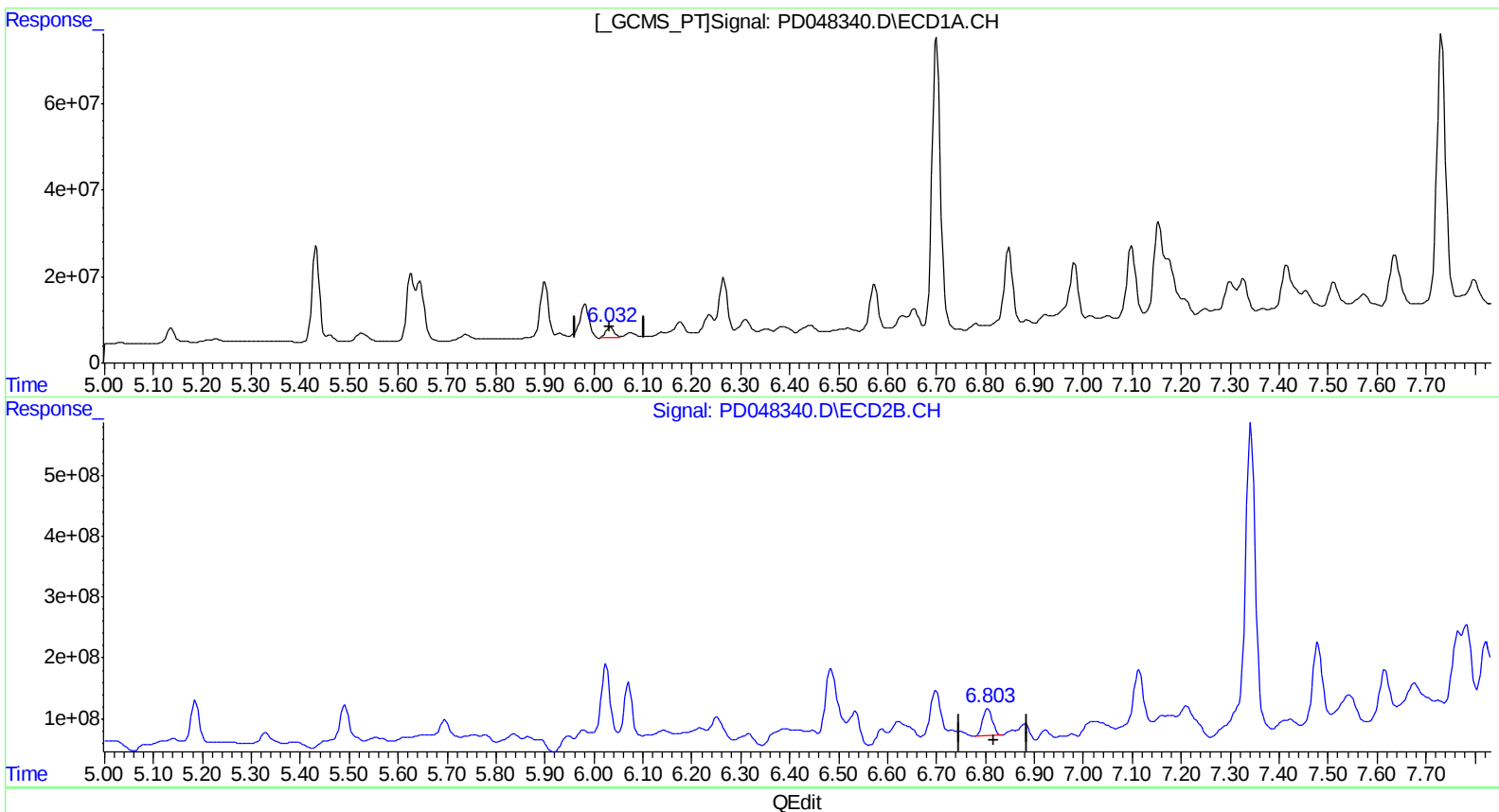
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(16) 4,4'-DDD (A)
6.032min 22.599 ng/ml m
response 31277791

(16) 4,4'-DDD #2 (A)
6.803min 34.354 ng/ml m
response 644798451

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

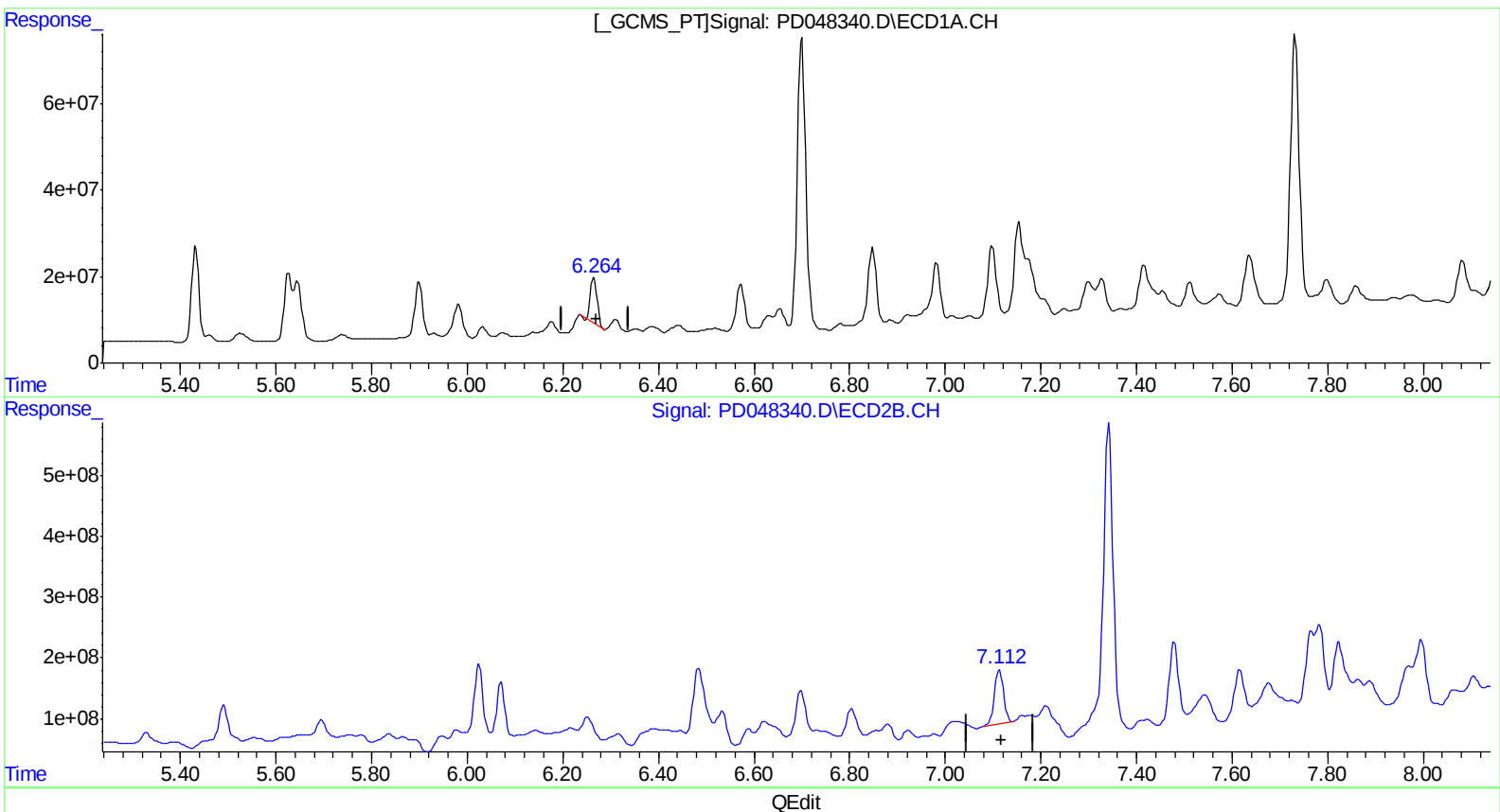
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(17) 4,4'-DDT (MA)
6.266min 70.936 ng/ml
response 102691373

(17) 4,4'-DDT #2 (MA)
7.114min 62.566 ng/ml
response 1199566953

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

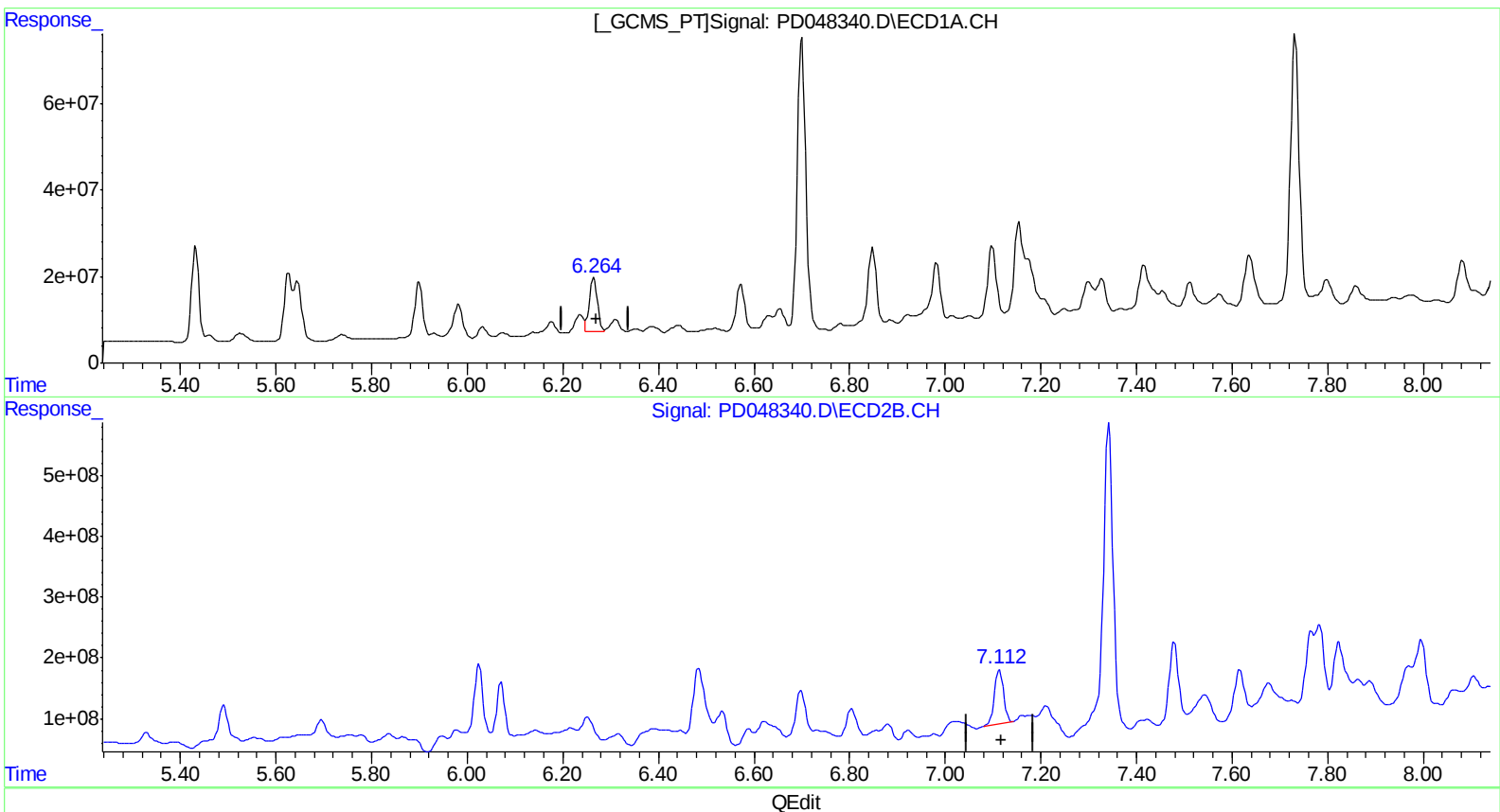
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(17) 4,4'-DDT (MA)
6.264min 100.385 ng/ml m
response 145322644

(17) 4,4'-DDT #2 (MA)
7.114min 62.566 ng/ml
response 1199566953

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

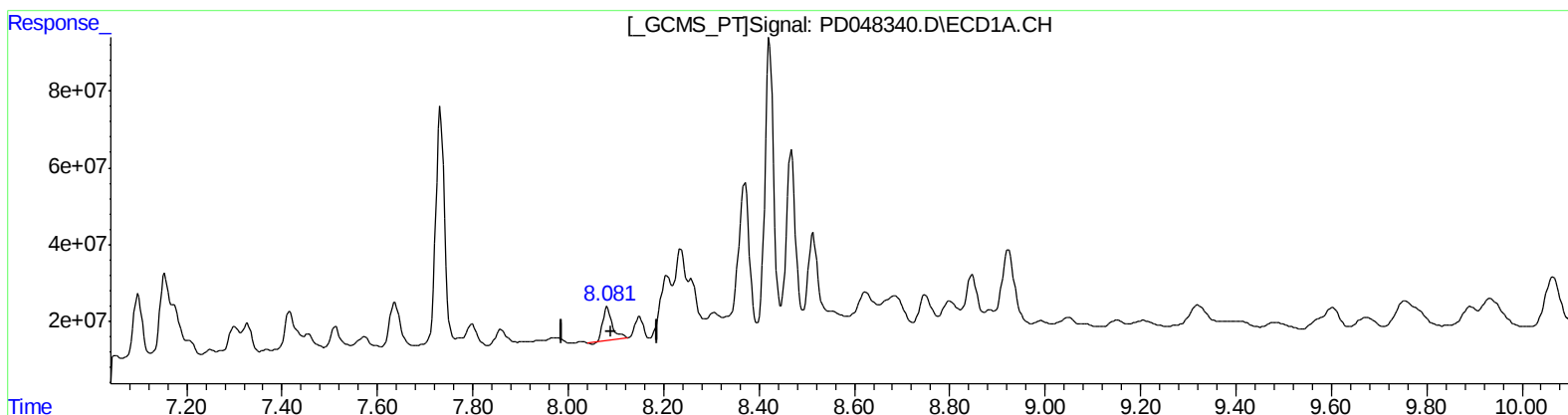
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(27) Decachlorobiphenyl (SA)

8.082min 90.463 ng/ml

response 120932325

(27) Decachlorobiphenyl #2 (SA)

9.064min 130.319 ng/ml

response 2309278106

(+) = Expected Retention Time

PD062818CLP.M Tue Jul 10 04:41:14 2018

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070918\
Data File : PD048340.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Jul 2018 21:11
Operator : AJ\MA
Sample : J3765-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

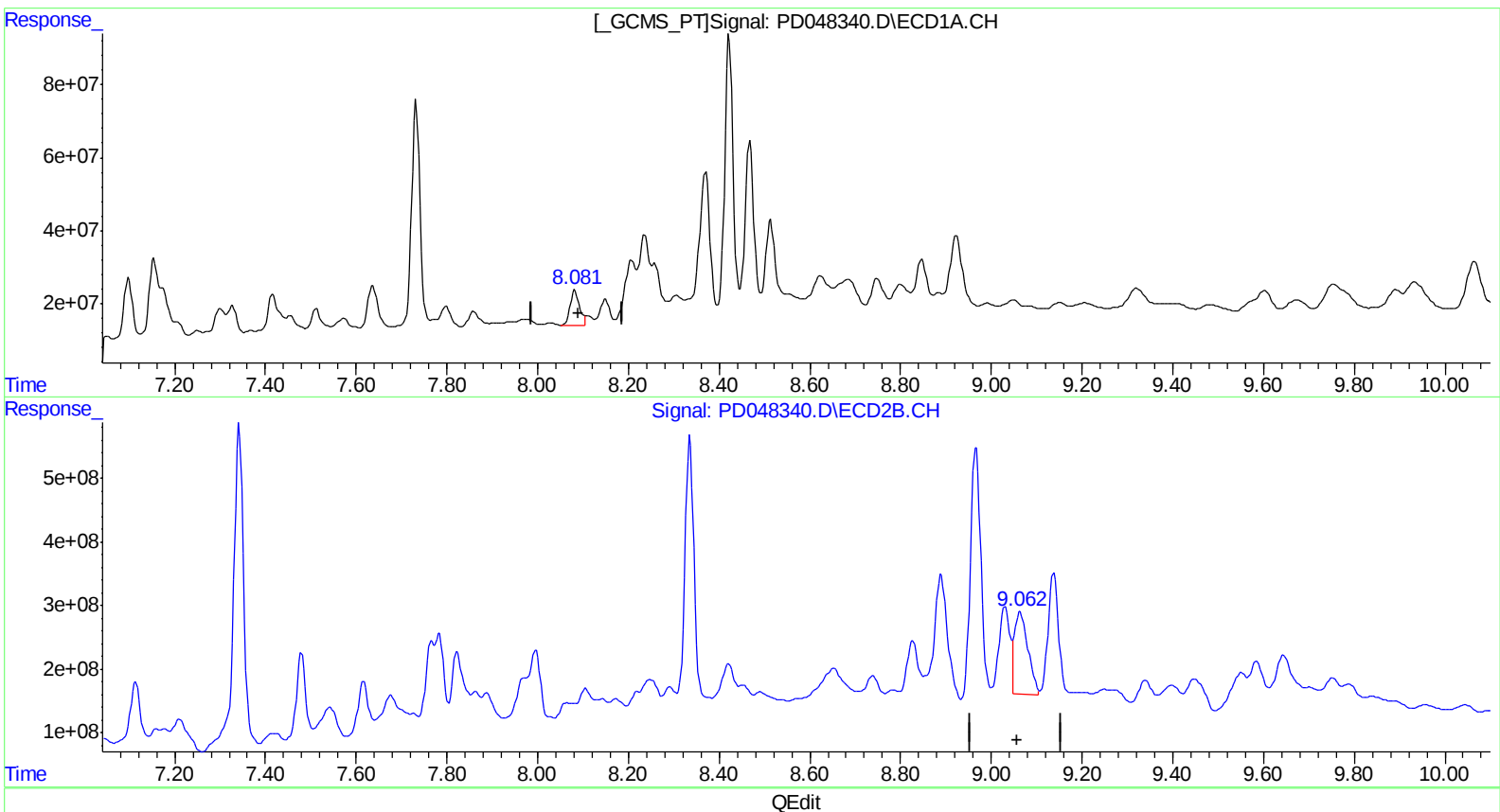
Instrument :
ECD_D
ClientSampleId :
F1H02MS

Manual Integrations
APPROVED

Sohil
7/13/2018 2:43:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:46:09 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jun 29 16:27:50 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



(27) Decachlorobiphenyl (SA)

8.081min 103.001 ng/ml m

response 137694252

(27) Decachlorobiphenyl #2 (SA)

9.062min 150.431 ng/ml m

response 2665661422

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD070918\
 Data File : PD048340.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Jul 2018 21:11
 Operator : AJ\MA
 Sample : J3765-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 F1H02MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 04:41:25 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 29 16:27:50 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Manual Integrations
 APPROVED

Sohil
 7/13/2018 2:43:29 PM

Volume Inj. : 1 ul
 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

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

System Monitoring Compounds

1) SA Tetrachlo...	3.393	4.006	25853336	295.4E6	21.395	14.510 #
27) SA Decachlor...	8.081	9.062	137.7E6	2665.7E6	103.001m)	150.431m#)

Target Compounds

3) MA gamma-BHC...	4.105	4.670	87477707	811.6E6	46.651	27.979m#)
4) MA Heptachlor	4.392	5.186	75443054	784.0E6	42.642	27.101 #
5) MB Aldrin	4.634	5.490	71342535	797.3E6	41.457	28.641m#)
13) MA Dieldrin	5.644	6.483	144.4E6	1728.2E6	83.484m)	71.617m)
14) MA Endrin	5.900	6.699	141.4E6	941.7E6	93.899	47.681 #
16) A 4,4'-DDD	6.032	6.803	31277791	644.8E6	22.599m)	34.354m#)
17) MA 4,4'-DDT	6.264	7.114	145.3E6	1199.6E6	100.385m)	62.566 #

AJ 07/16/18

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