

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 03:36
Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

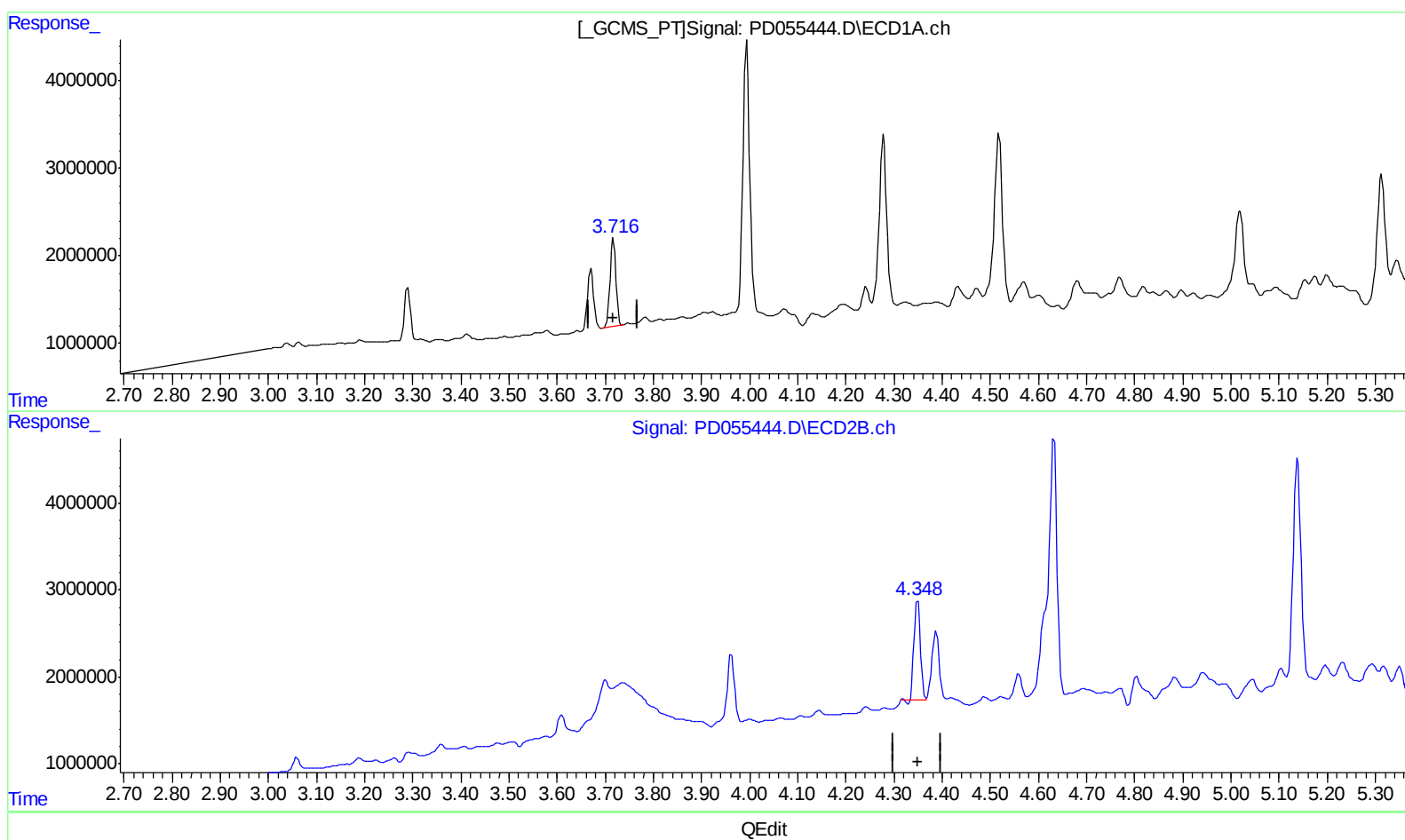
Instrument :
ECD_D
ClientSampleId :
BFB70MS

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 06:22:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 2019
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



(2) alpha-BHC (A)
3.717min 6.874 ng/ml
response 8632932

(2) alpha-BHC #2 (A)
4.349min 5.482 ng/ml
response 10664317

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 03:36
Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

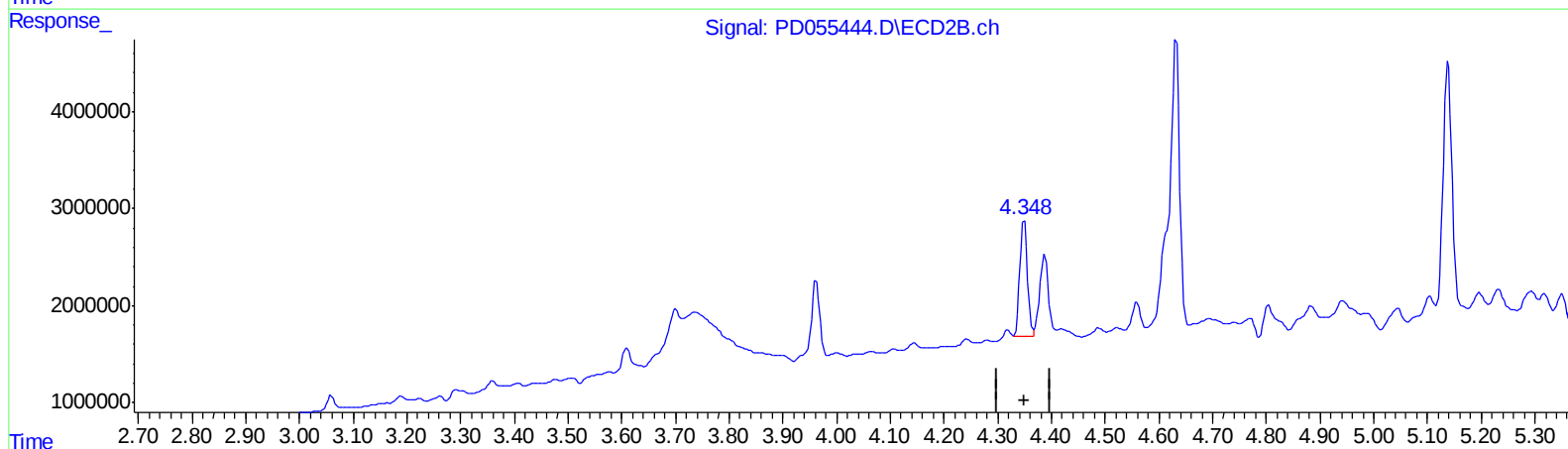
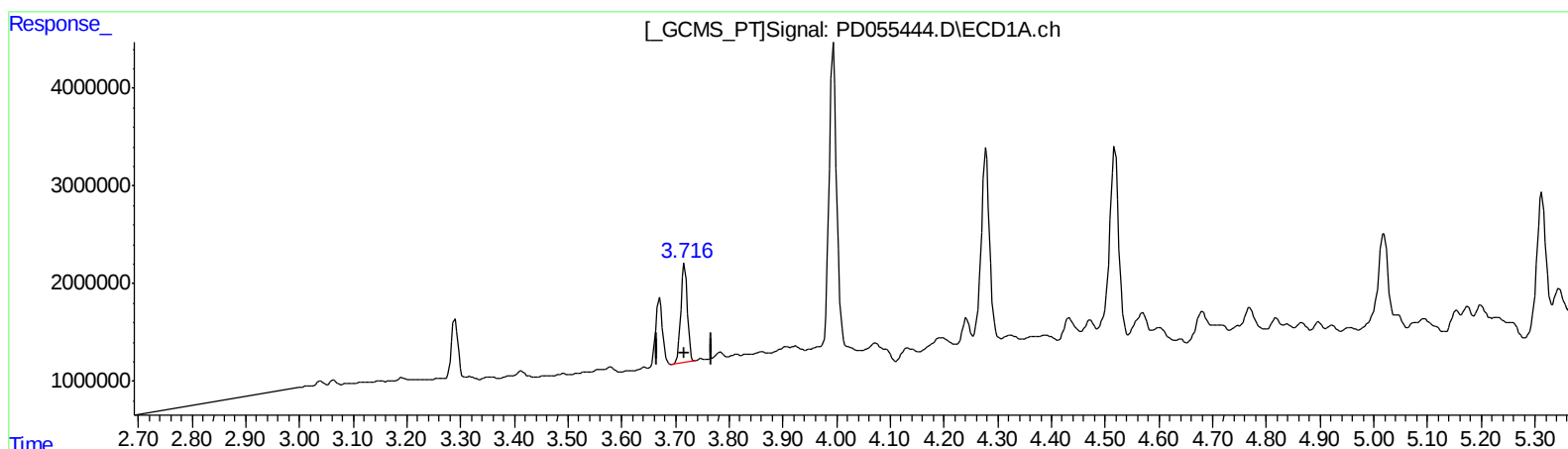
Instrument :
ECD_D
ClientSampleId :
BFB70MS

Manual Integrations
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QEdit

(2) alpha-BHC (A)
3.717min 6.874 ng/ml
response 8632932

(2) alpha-BHC #2 (A)
4.348min 6.152 ng/ml m
response 11967503

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

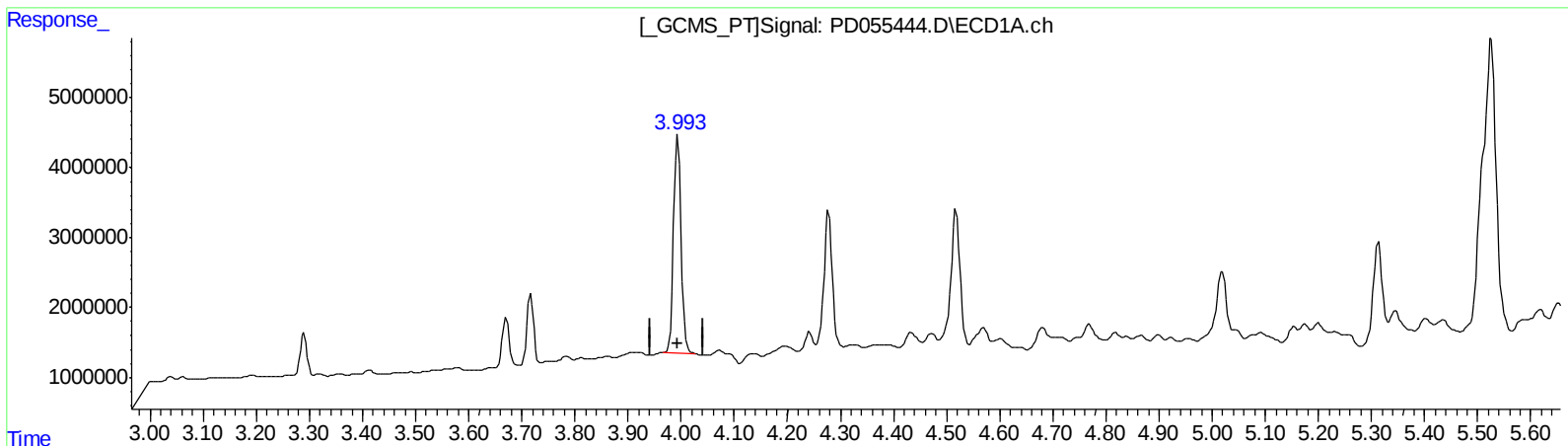
Instrument :
ECD_D
ClientSampleId :
BFB70MS

Manual Integrations
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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



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

3.994min 25.815 ng/ml

response 30590796

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

4.632min 17.841 ng/ml

response 32896886

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 03:36
Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

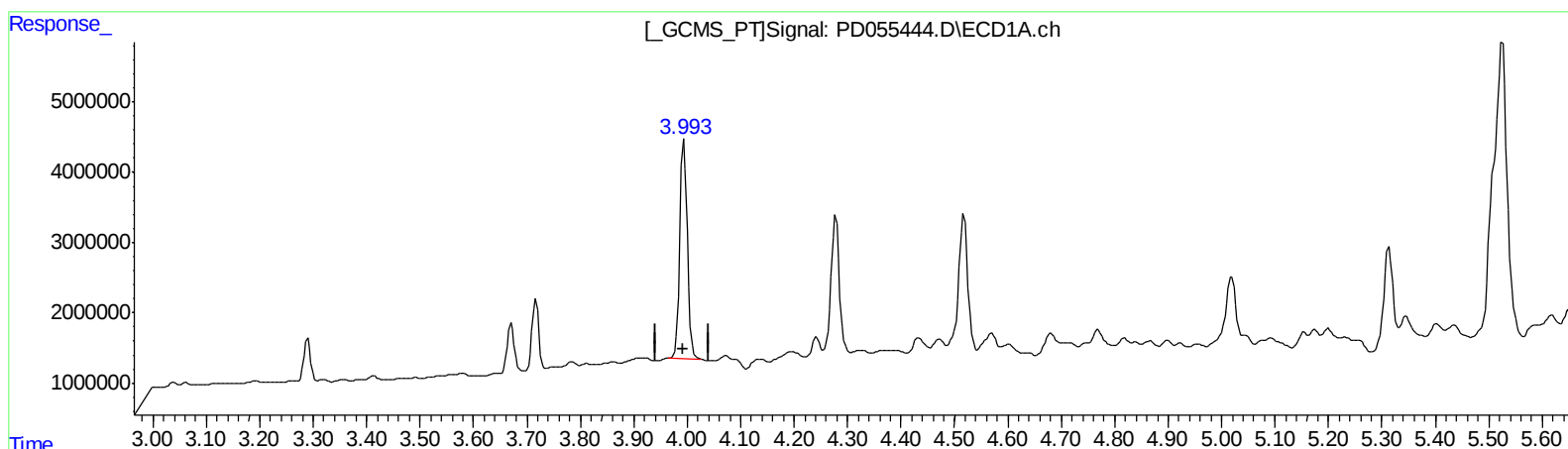
Instrument :
ECD_D
ClientSampleId :
BFB70MS

Manual Integrations
APPROVED

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



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

3.994min 25.815 ng/ml

response 30590796

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

4.631min 18.005 ng/ml m

response 33199646

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 03:36
Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

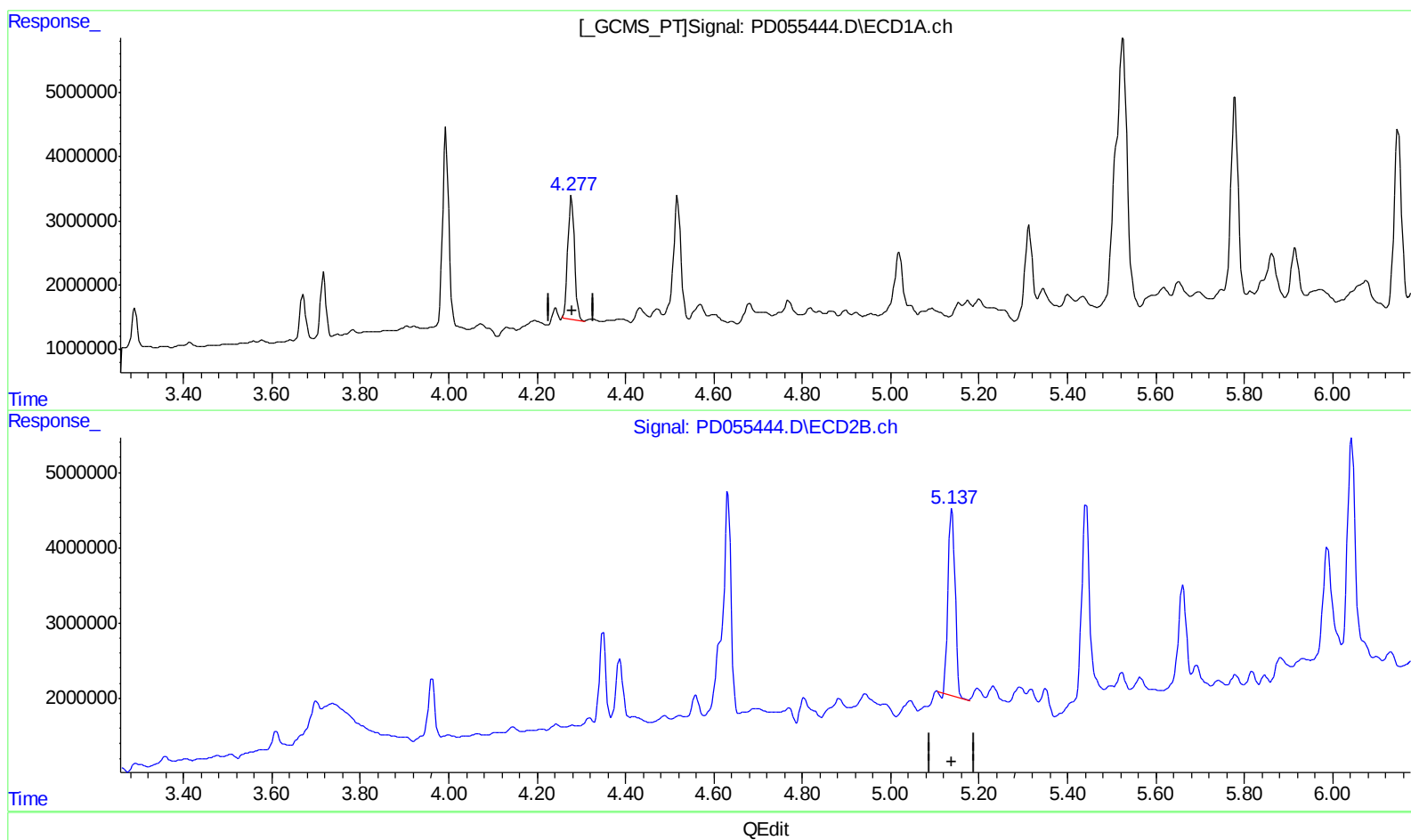
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ECD_D
ClientSampleId :
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info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



(4) Heptachlor (MA)
4.278min 21.815 ng/ml
response 19850299

(4) Heptachlor #2 (MA)
5.139min 14.302 ng/ml
response 26671419

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 03:36
Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

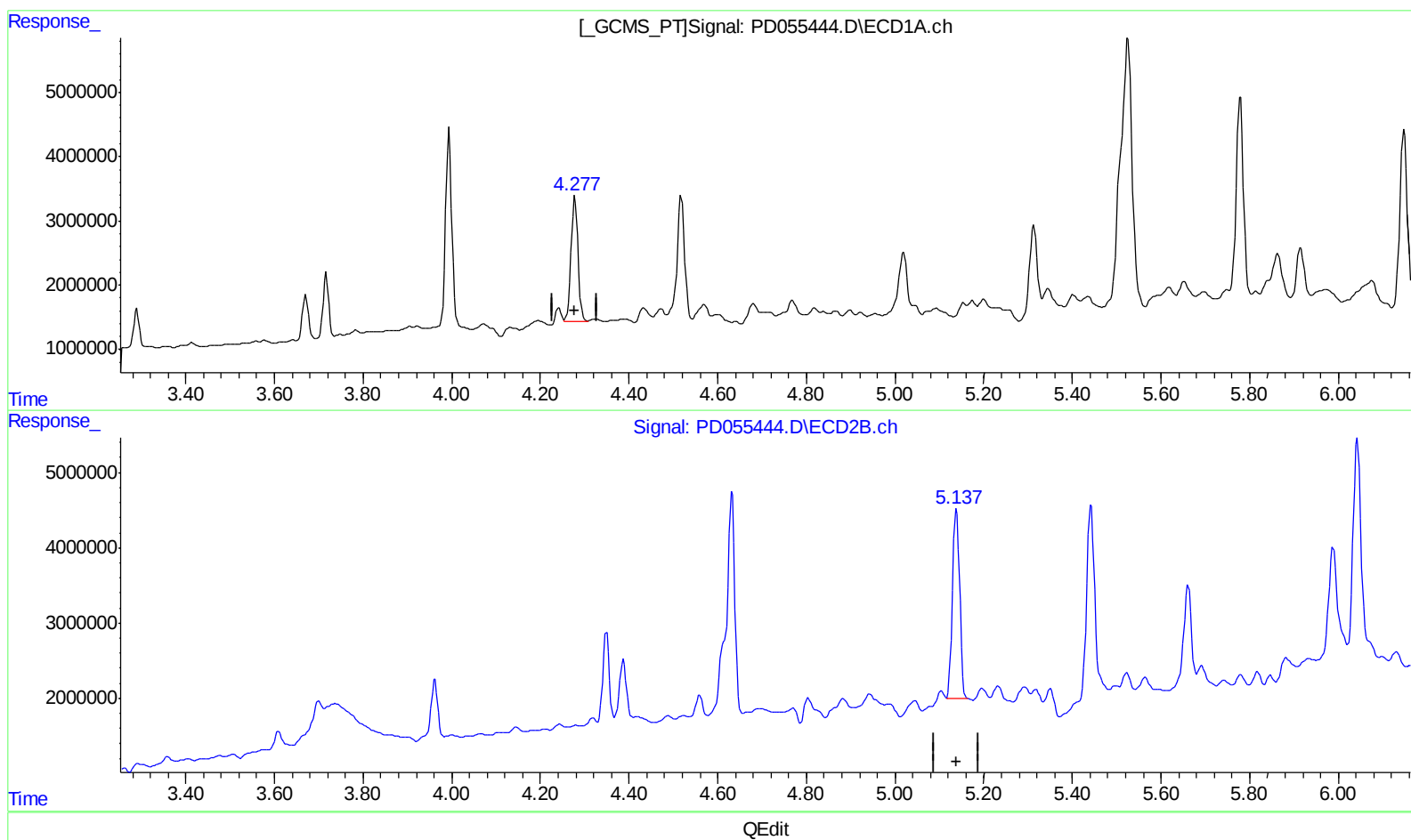
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(4) Heptachlor (MA)
4.277min 22.680 ng/ml m
response 20637311

(4) Heptachlor #2 (MA)
5.137min 15.142 ng/ml m
response 28238085

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

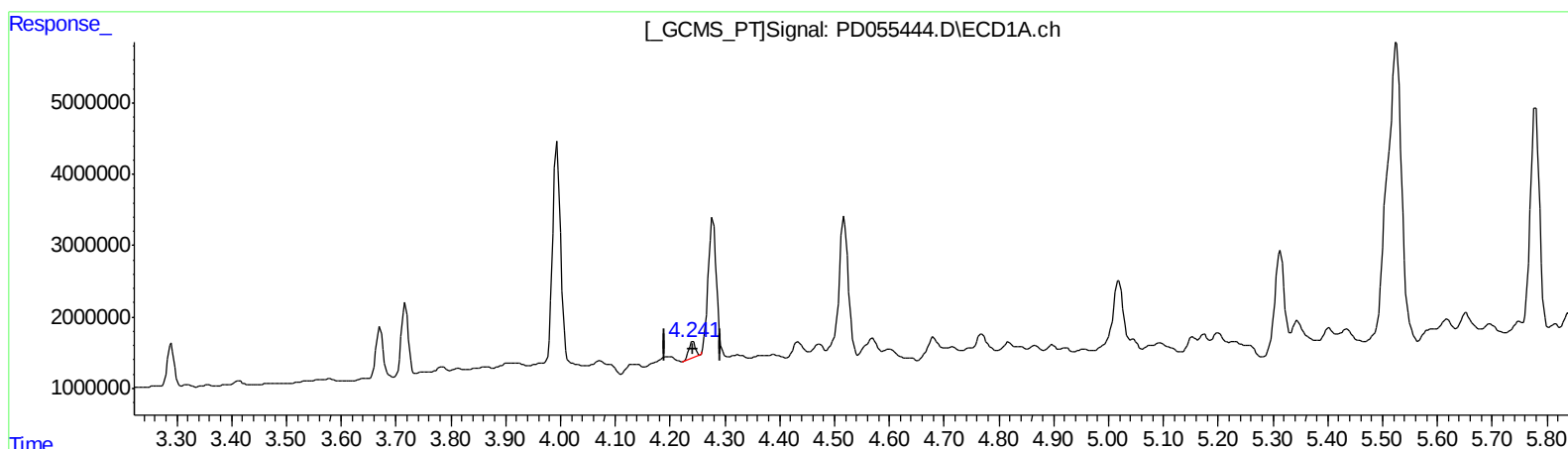
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ECD_D
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BFB70MS

Manual Integrations
APPROVED

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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



(6) beta-BHC (B)

4.242min 3.290 ng/ml

response 1748758

(6) beta-BHC #2 (B)

4.804min 1.276 ng/ml

response 1127812

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

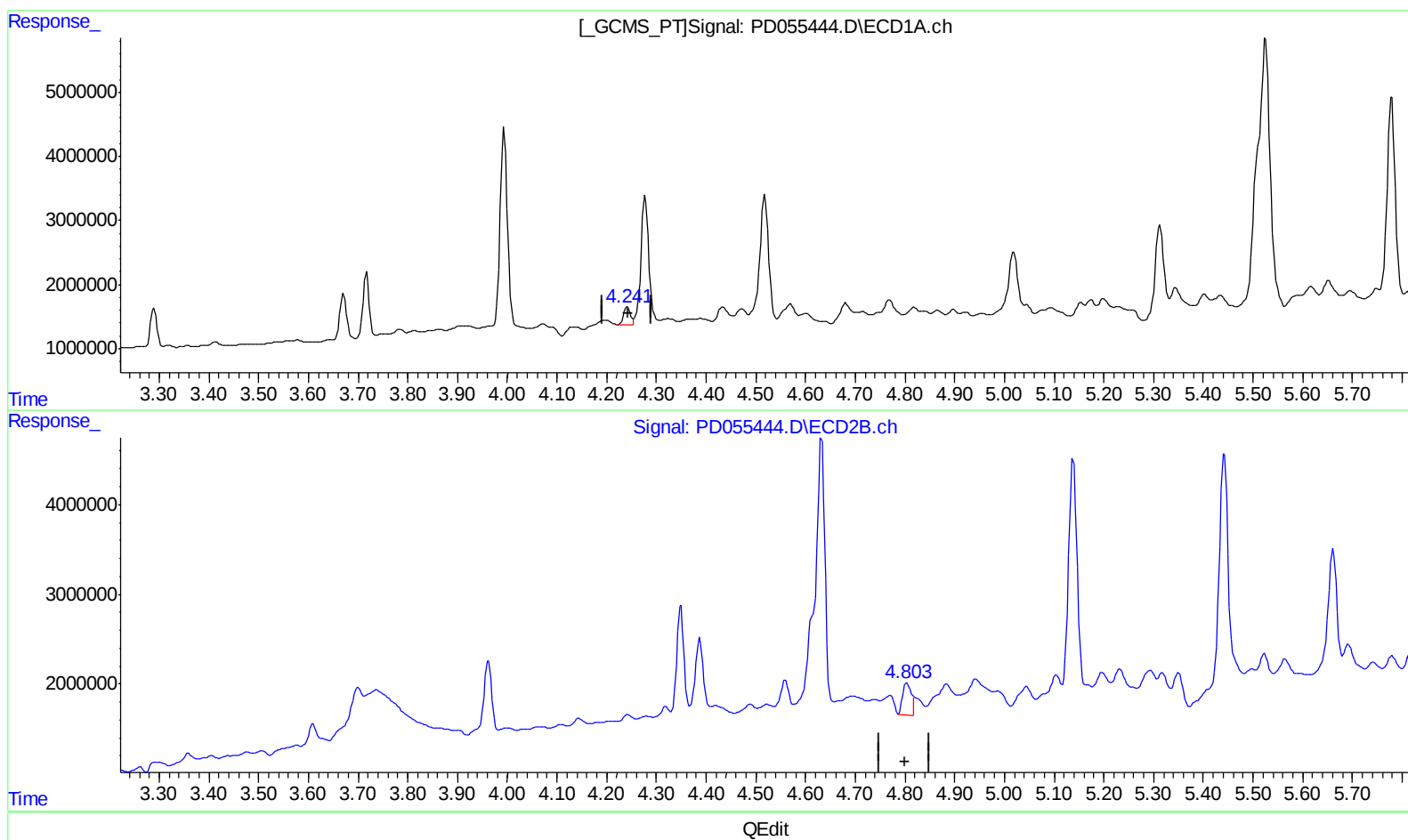
Instrument :
ECD_D
ClientSampleId :
BFB70MS

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



(6) beta-BHC (B)

4.241min 5.123 ng/ml m

response 2723459

(6) beta-BHC #2 (B)

4.803min 4.956 ng/ml m

response 4382305

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

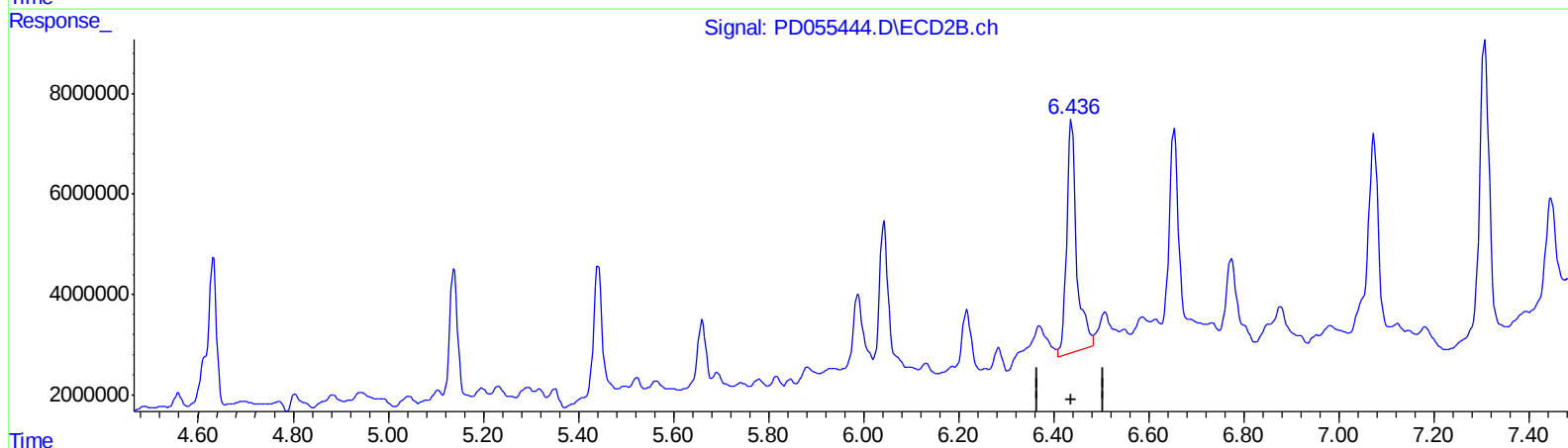
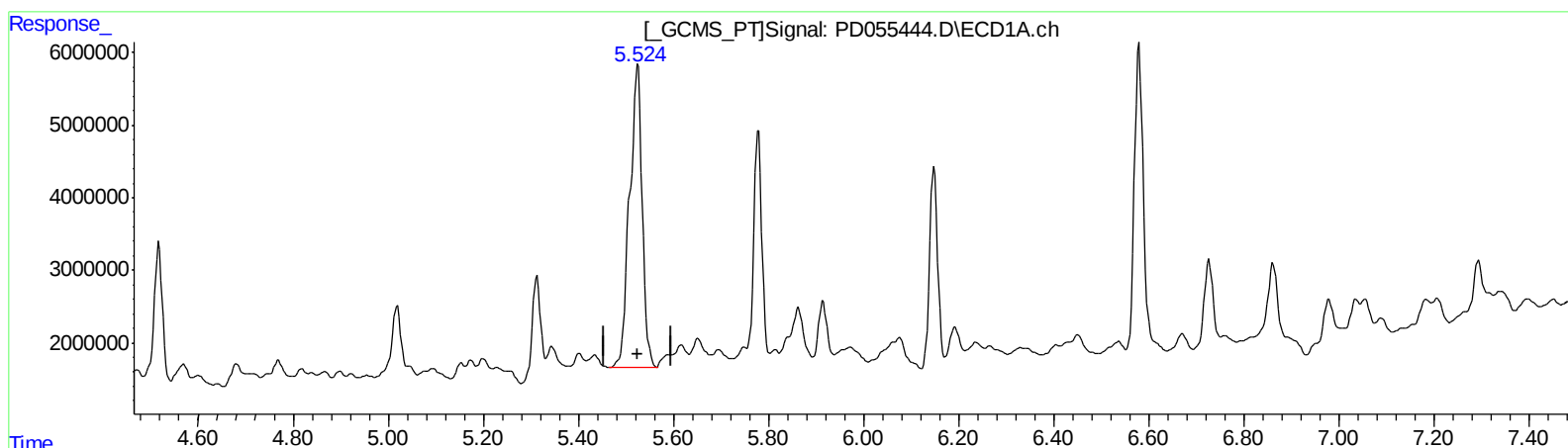
Instrument :
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ClientSampleId :
BFB70MS

Manual Integrations
APPROVED

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



QEdit

(13) Dieldrin (MA)
5.526min 69.169 ng/ml
response 76655569

(13) Dieldrin #2 (MA)
6.438min 37.172 ng/ml
response 67275240

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 03:36
Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

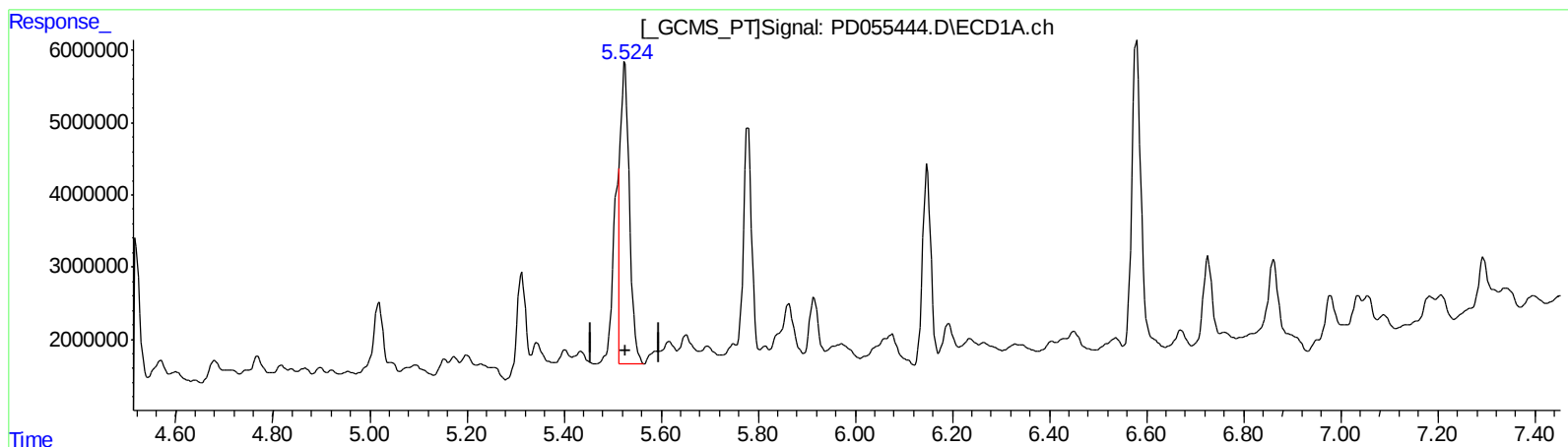
Instrument :
ECD_D
ClientSampleId :
BFB70MS

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:14 AM

Integration File signal 1: autoint1.e
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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)
5.524min 48.582 ng/ml m
response 53840411

(13) Dieldrin #2 (MA)
6.436min 30.866 ng/ml m
response 55861378

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

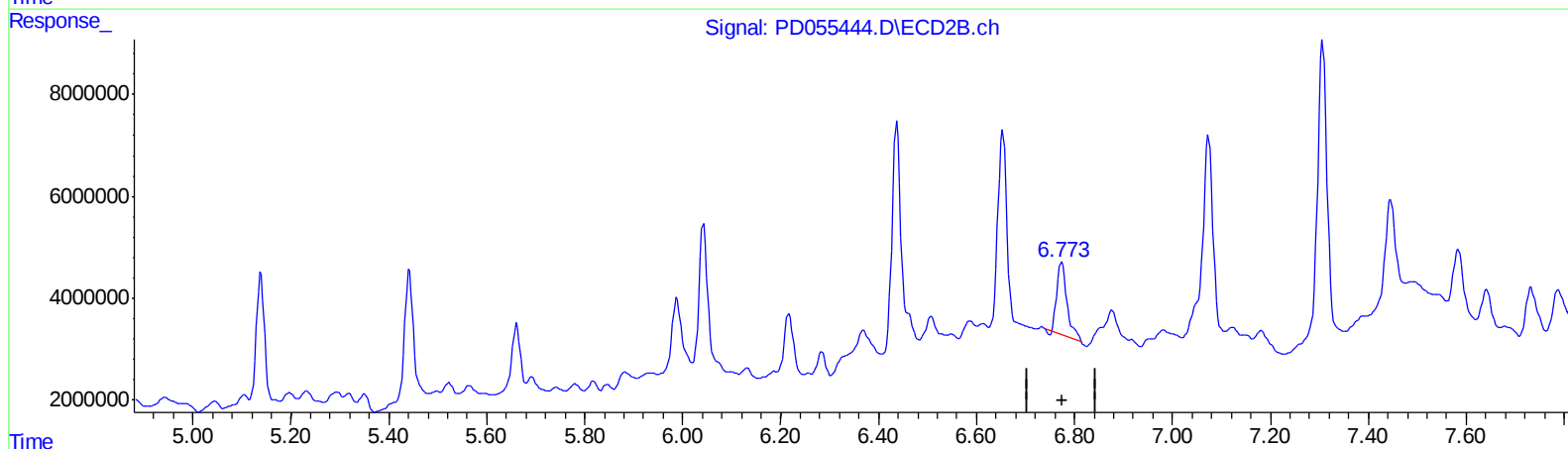
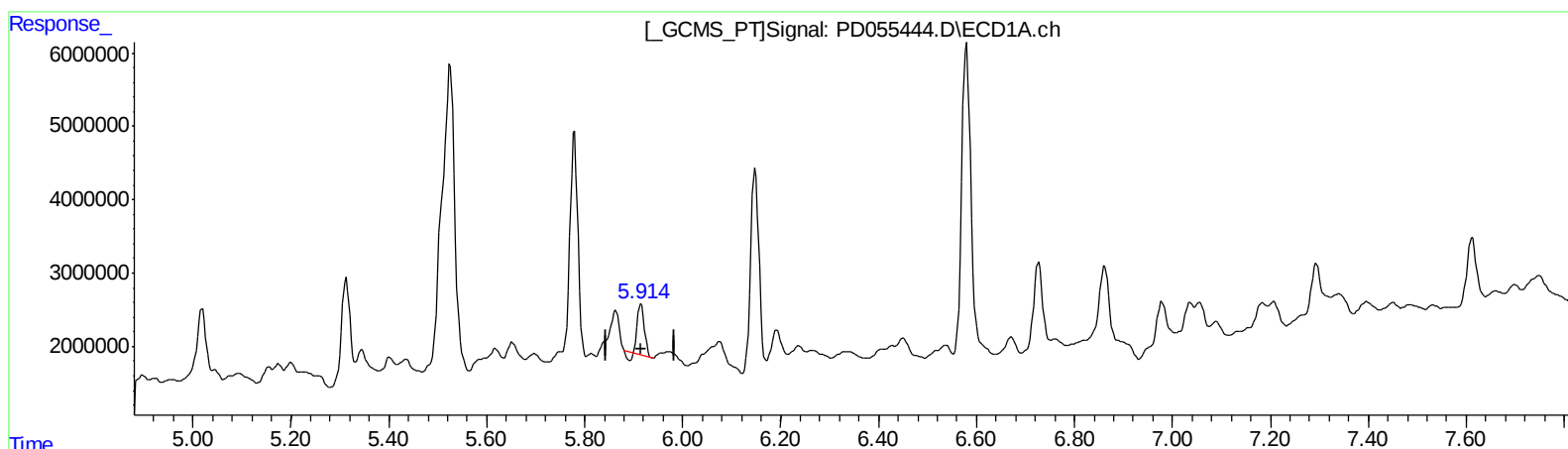
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ECD_D
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BFB70MS

Manual Integrations
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Ankita
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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



QEdit

(16) 4,4'-DDD (A)
5.915min 8.055 ng/ml
response 6528269

(16) 4,4'-DDD #2 (A)
6.774min 13.900 ng/ml
response 19885937

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

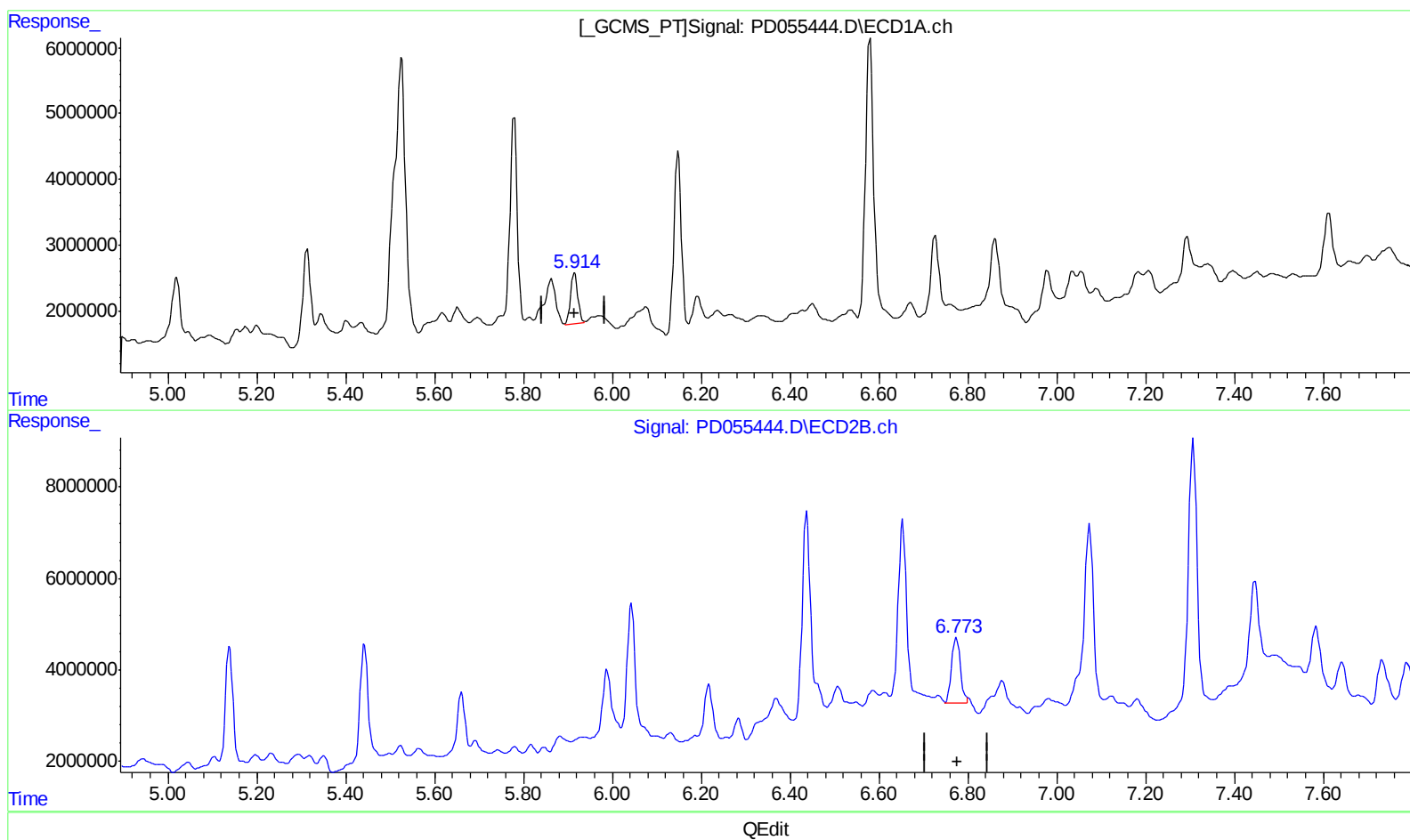
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BFB70MS

Manual Integrations
APPROVED

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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)
5.914min 10.907 ng/ml m
response 8839888

(16) 4,4'-DDD #2 (A)
6.773min 13.818 ng/ml m
response 19768854

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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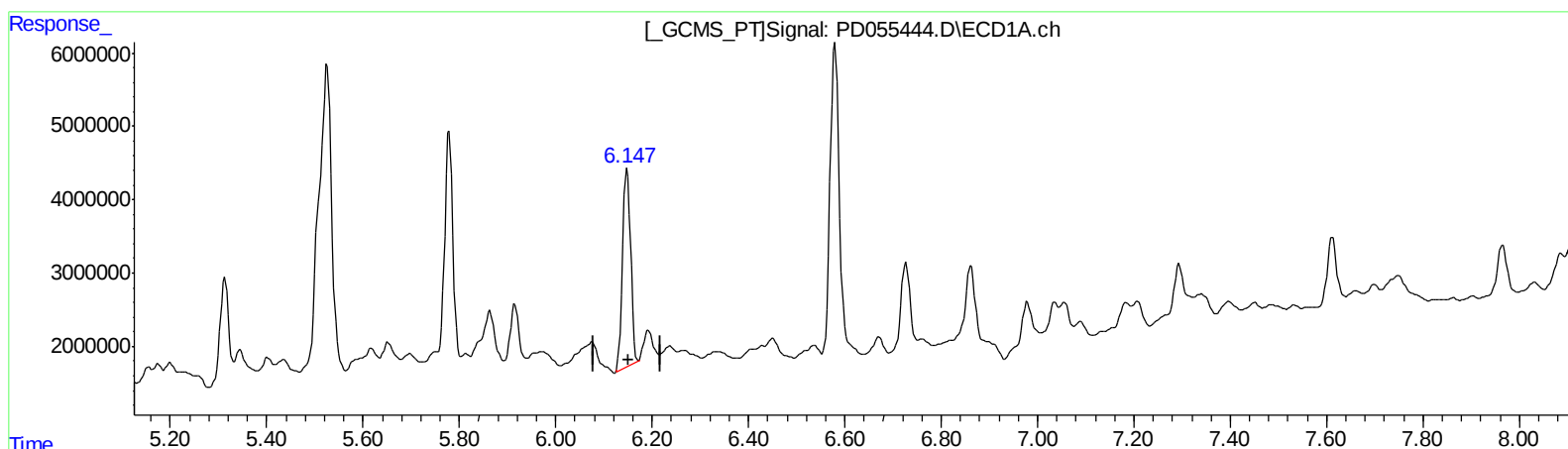
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(17) 4,4'-DDT (MA)

6.148min 45.703 ng/ml

response 30986153

(17) 4,4'-DDT #2 (MA)

7.074min 39.275 ng/ml

response 53233972

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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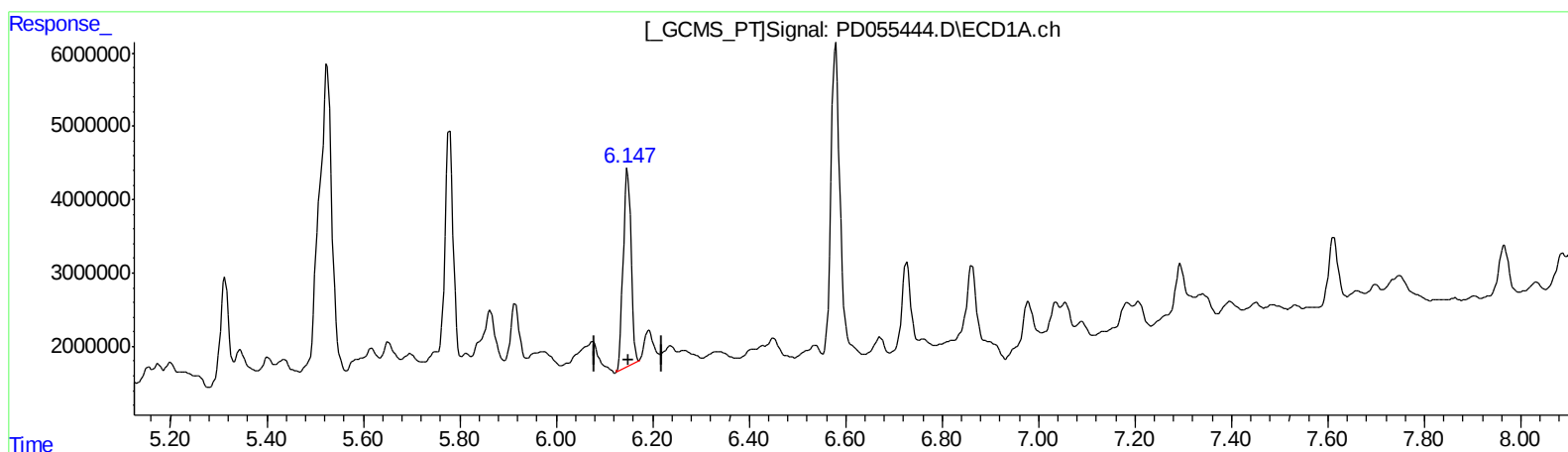
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(17) 4,4'-DDT (MA)

6.148min 45.703 ng/ml

response 30986153

(17) 4,4'-DDT #2 (MA)

7.073min 38.585 ng/ml m

response 52299110

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 41 Sample Multiplier: 1

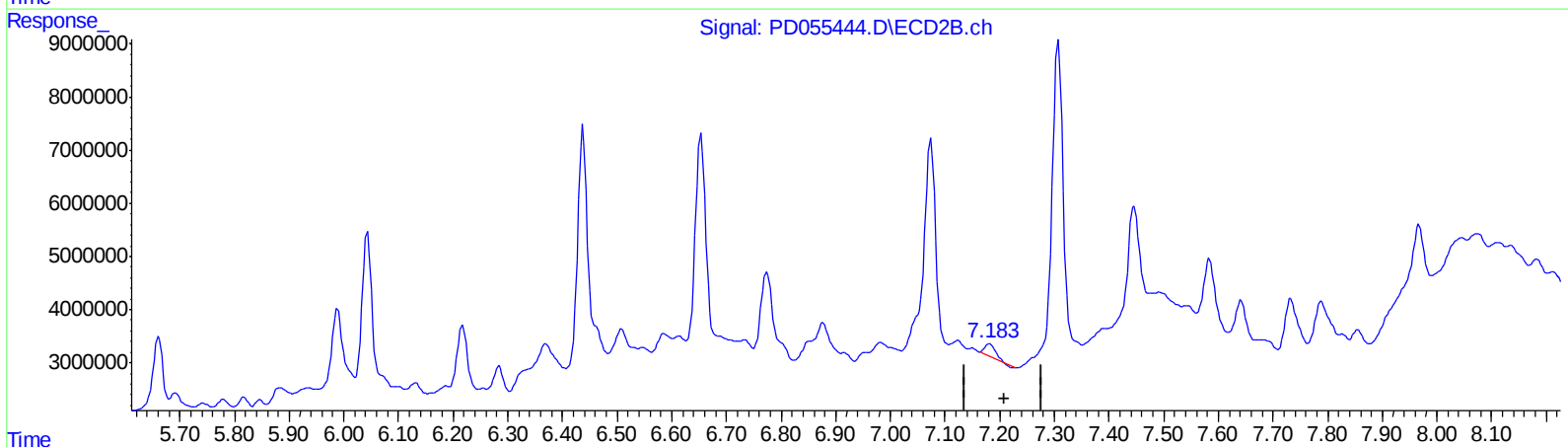
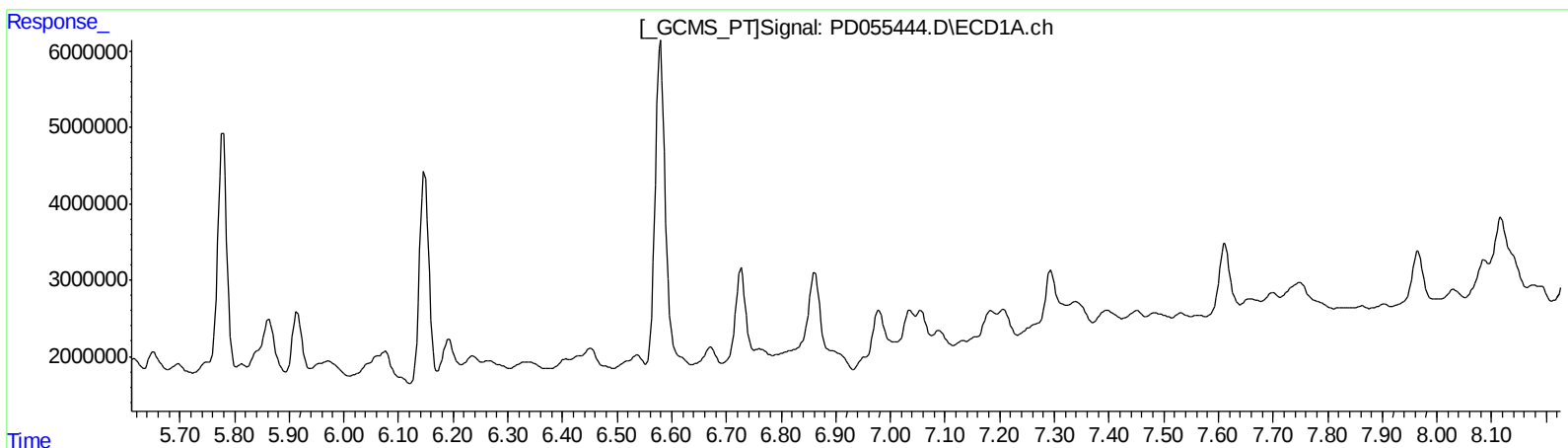
Instrument :
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Manual Integrations
APPROVED

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



QEdit

(19) Endosulfan Sulfate (B)

0.000min 0.000 ng/ml

response 0

(19) Endosulfan Sulfate #2 (B)

7.182min 2.018 ng/ml

response 3009048

(+) = Expected Retention Time

PD101819CLP.M Sat Oct 19 06:54:31 2019

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
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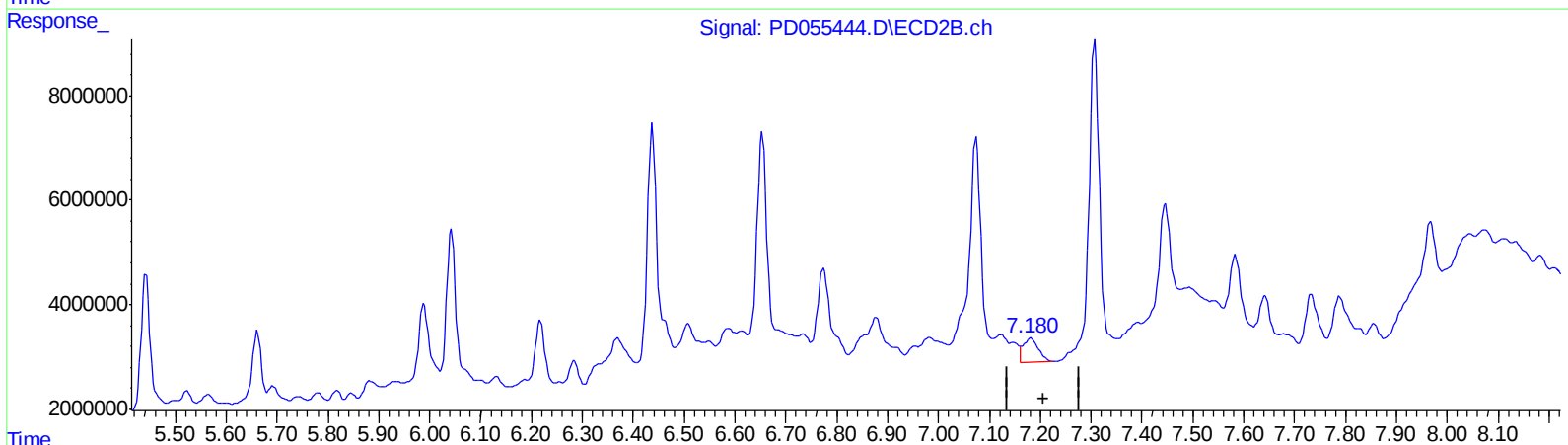
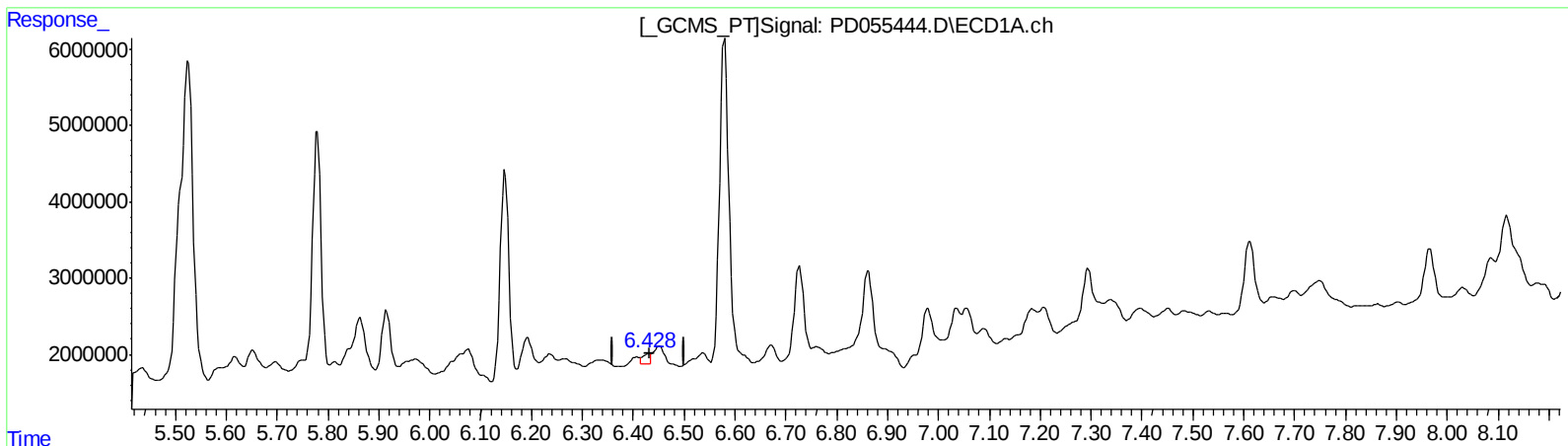
Instrument :
ECD_D
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Manual Integrations
APPROVED

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Integration File signal 2: autoint2.e
Quant Time: Oct 19 06:22:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 2019
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

(19) Endosulfan Sulfate (B)

6.428min 1.514 ng/ml m

response 1349833

(19) Endosulfan Sulfate #2 (B)

7.180min 6.201 ng/ml m

response 9244619

(+) = Expected Retention Time

PD101819CLP.M Sat Oct 19 06:55:05 2019

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 03:36
Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

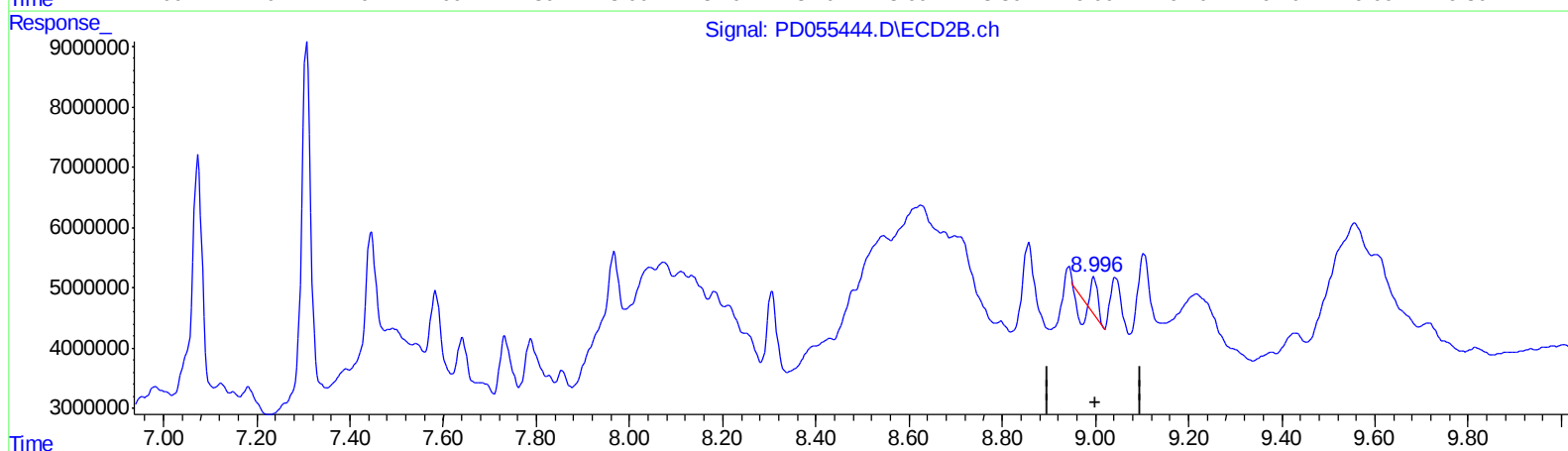
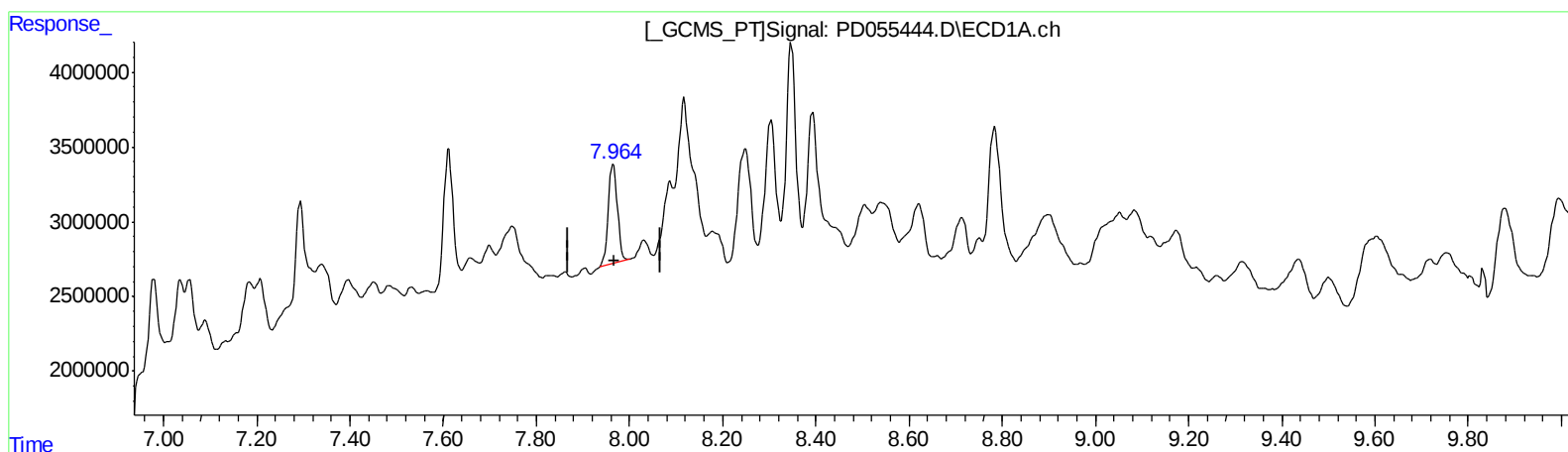
Instrument :
ECD_D
ClientSampleId :
BFB70MS

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 06:22:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 2019
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

(27) Decachlorobiphenyl (SA)

7.965min 9.852 ng/ml

response 9021623

(27) Decachlorobiphenyl #2 (SA)

8.997min 1.707 ng/ml

response 2227292

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
Data File : PD055444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 03:36
Operator : SG\AJ
Sample : K5262-04MSRE
Misc :
ALS Vial : 41 Sample Multiplier: 1

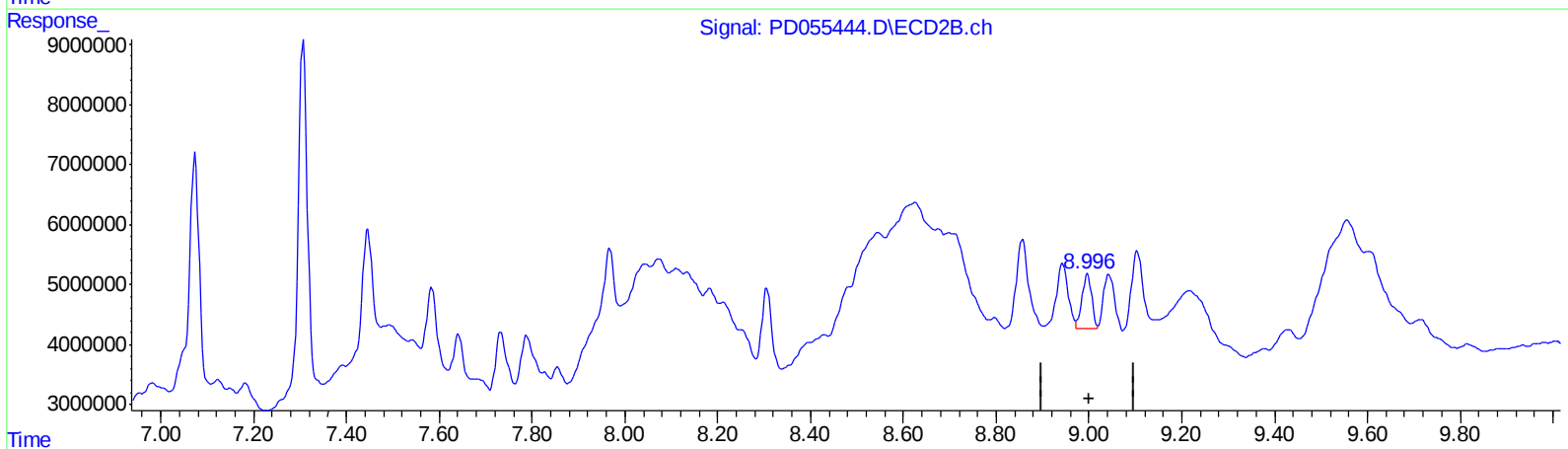
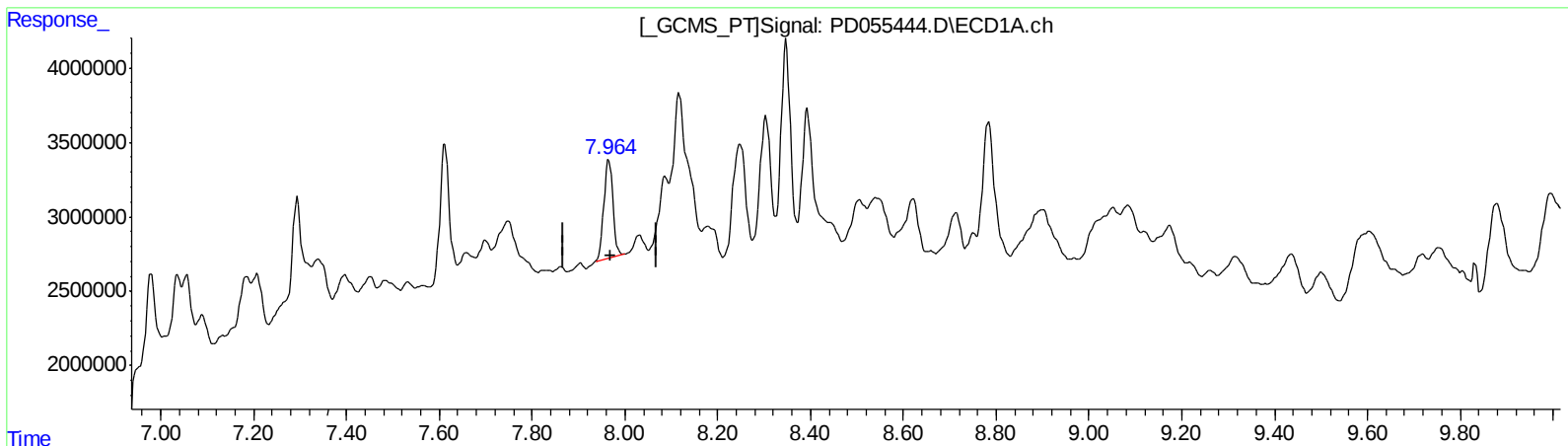
Instrument :
ECD_D
ClientSampleId :
BFB70MS

Manual Integrations
APPROVED

Ankita
10/23/2019 10:29:14 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 06:22:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 2019
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

(27) Decachlorobiphenyl (SA)

7.965min 9.852 ng/ml

response 9021623

(27) Decachlorobiphenyl #2 (SA)

8.996min 10.057 ng/ml m

response 13121887

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101819\
 Data File : PD055444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2019 03:36
 Operator : SG\AJ
 Sample : K5262-04MSRE
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BFB70MS

Manual Integrations
 APPROVED

Ankita
 10/23/2019 10:29:14 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 06:22:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 19 00:42:03 2019
 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.290	3.962	5168687	8372173	5.797	6.218
27) SA Decachlor...	7.965	8.996	9021623	13121887	9.852	10.057m
Target Compounds						
2) A alpha-BHC	3.717	4.348	8632932	11967503	6.874	6.152m
3) MA gamma-BHC...	3.994	4.631	30590796	33199646	25.815	18.005m#
4) MA Heptachlor	4.277	5.137	20637311	28238085	22.680m	15.142m#
5) MB Aldrin	4.518	5.442	21783488	34290664	20.479	19.720
6) B beta-BHC	4.241	4.803	2723459	4382305	5.123m	4.956m
13) MA Dieldrin	5.524	6.436	53840411	55861378	48.582m	30.866m#
14) MA Endrin	5.779	6.654	34009393	50586340	37.969	36.216
16) A 4,4'-DDD	5.914	6.773	8839888	19768854	10.907m	13.818m#
17) MA 4,4'-DDT	6.148	7.073	30986153	52299110	45.703	38.585m
19) B Endosulfa...	6.428	7.180	1349833	9244619	1.514m	6.201m#

AJ
 10/24/19

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