

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 21:53
Operator : AR\AJ
Sample : M3220-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

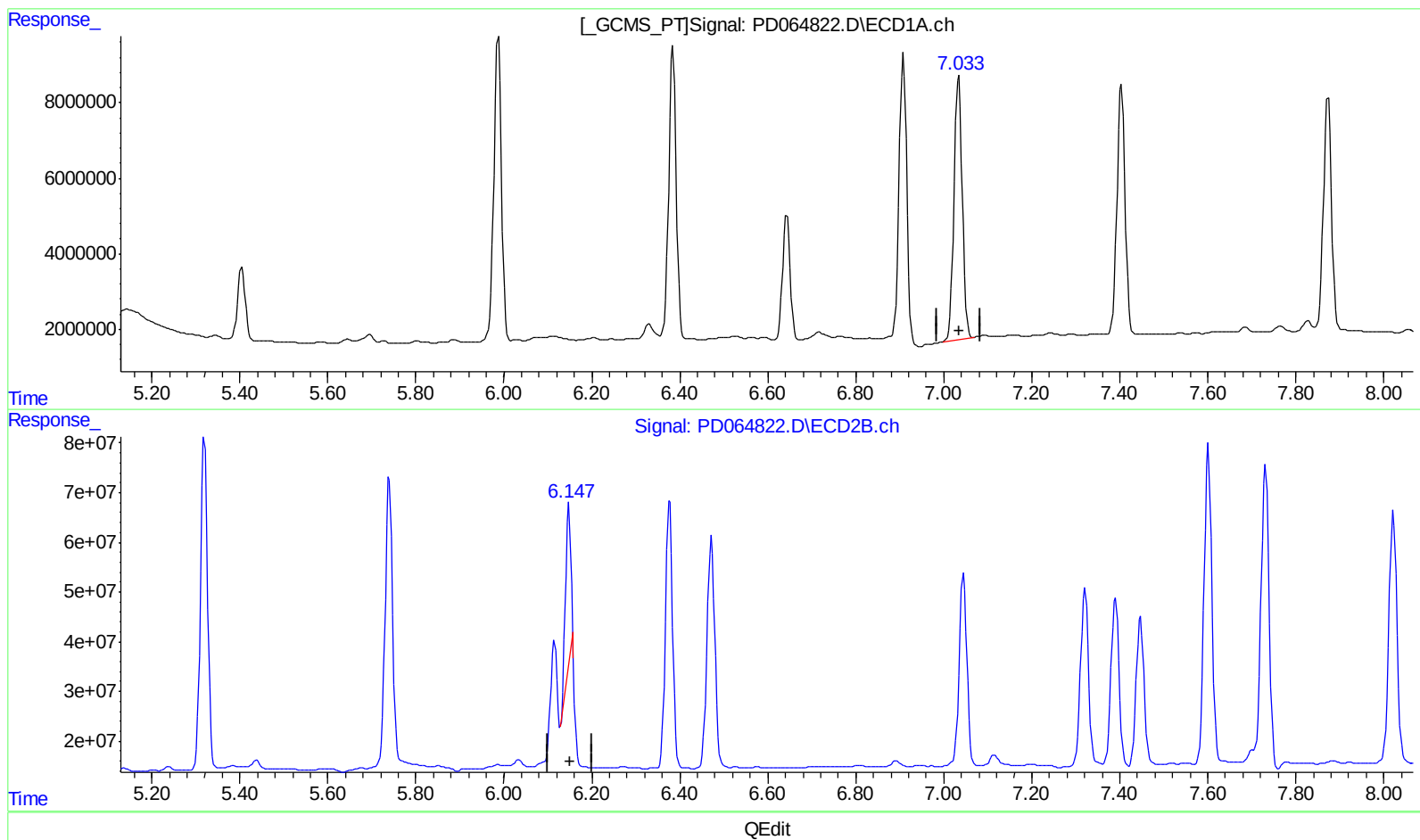
Instrument :
ECD_D
ClientSampleId :
JCEN1MS

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:01 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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



(4) Heptachlor (MA)
7.034min 54.303 ng/ml
response 91261699

(4) Heptachlor #2 (MA)
6.148min 25.181 ng/ml
response 285501601

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 21:53
Operator : AR\AJ
Sample : M3220-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

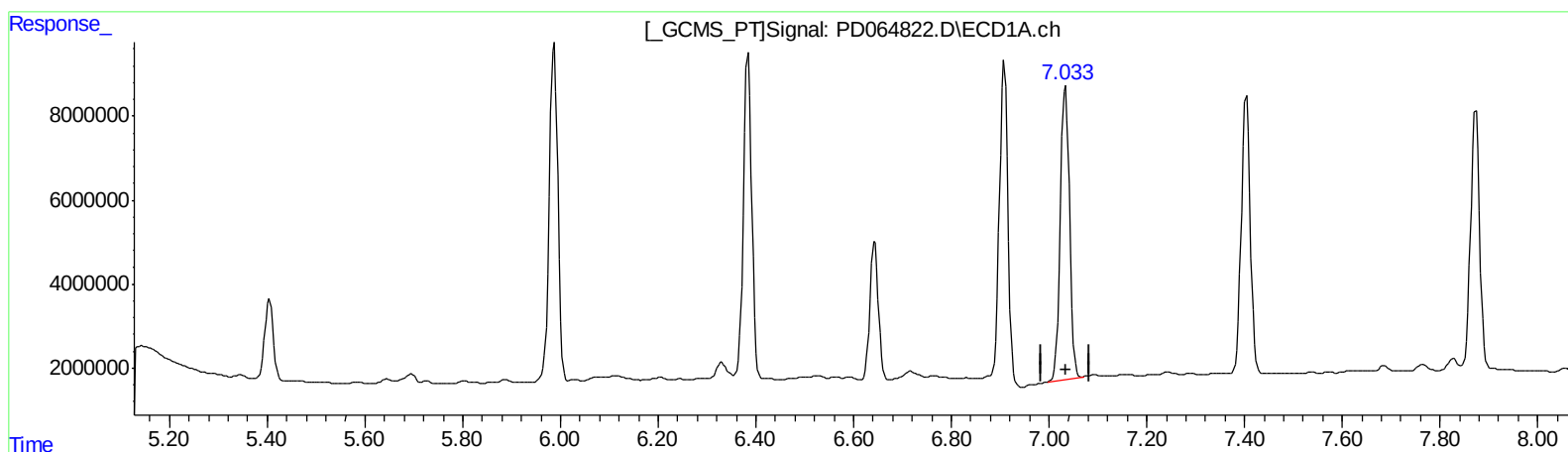
Instrument :
ECD_D
ClientSampleId :
JCEN1MS

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:01 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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



(4) Heptachlor (MA)
7.034min 54.303 ng/ml
response 91261699

(4) Heptachlor #2 (MA)
6.147min 56.324 ng/ml m
response 638598942

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 21:53
Operator : AR\AJ
Sample : M3220-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

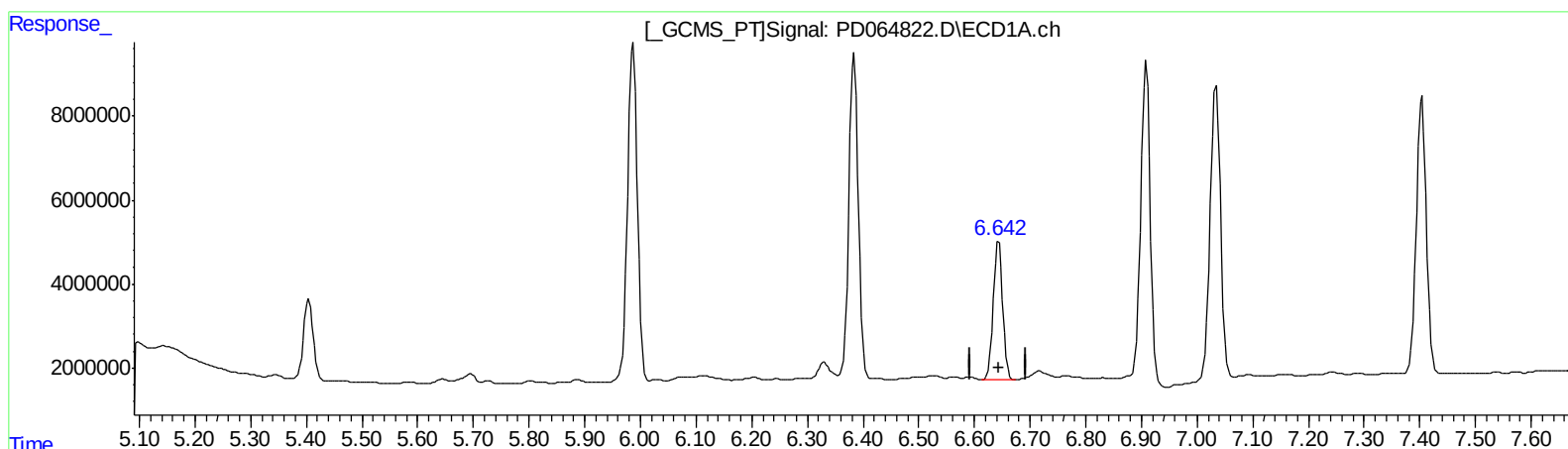
Instrument :
ECD_D
ClientSampleId :
JCEN1MS

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:01 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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



(6) beta-BHC (B)
6.643min 50.818 ng/ml
response 39646267

(6) beta-BHC #2 (B)
6.115min 29.491 ng/ml
response 178916844

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 21:53
Operator : AR\AJ
Sample : M3220-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

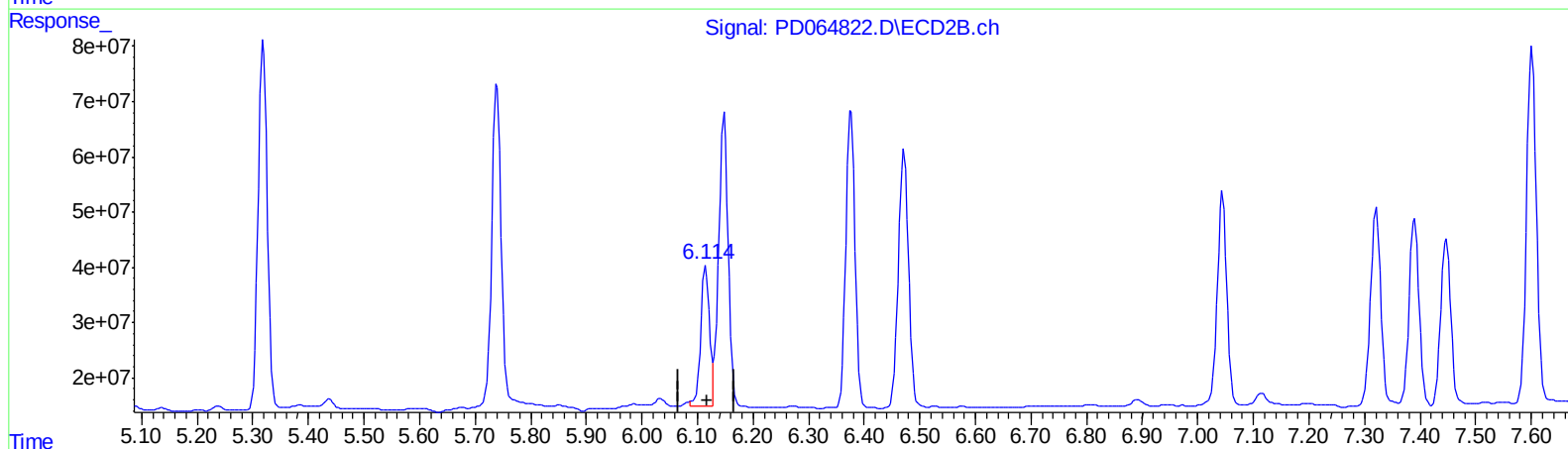
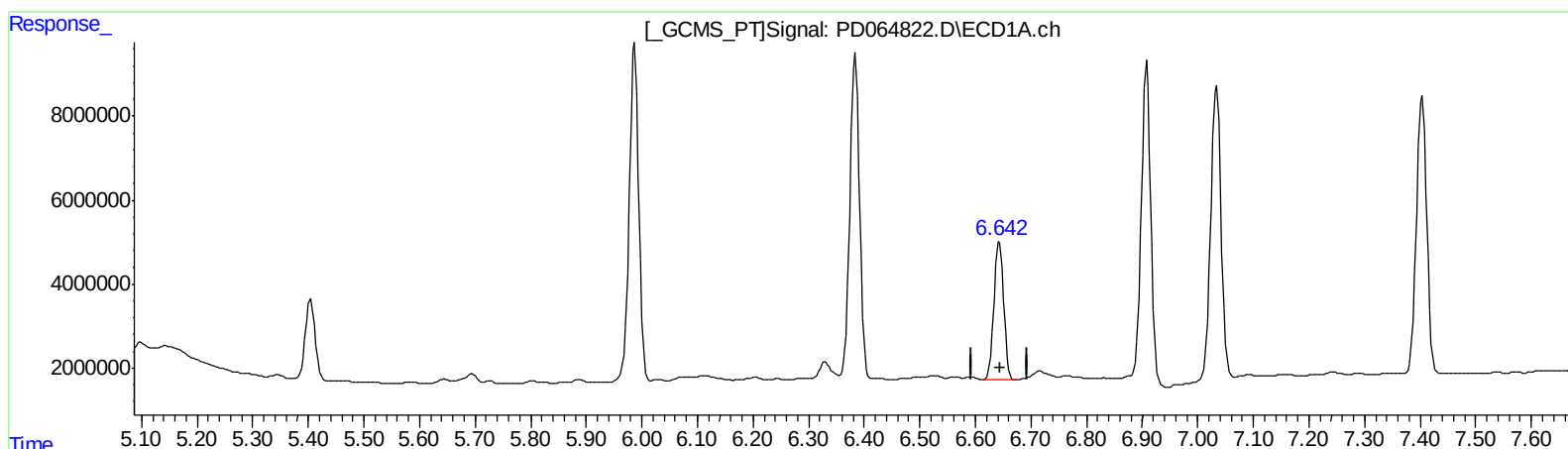
Instrument :
ECD_D
ClientSampleId :
JCEN1MS

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:01 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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

(6) beta-BHC (B)

6.643min 50.818 ng/ml

response 39646267

(6) beta-BHC #2 (B)

6.114min 48.362 ng/ml m

response 293403199

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 21:53
Operator : AR\AJ
Sample : M3220-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

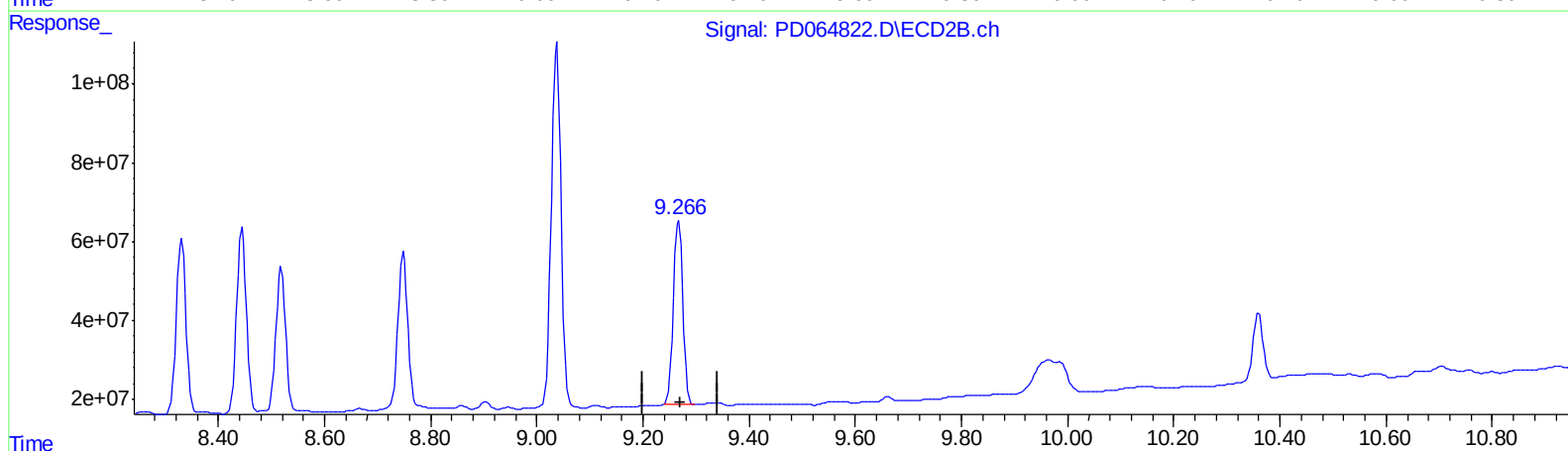
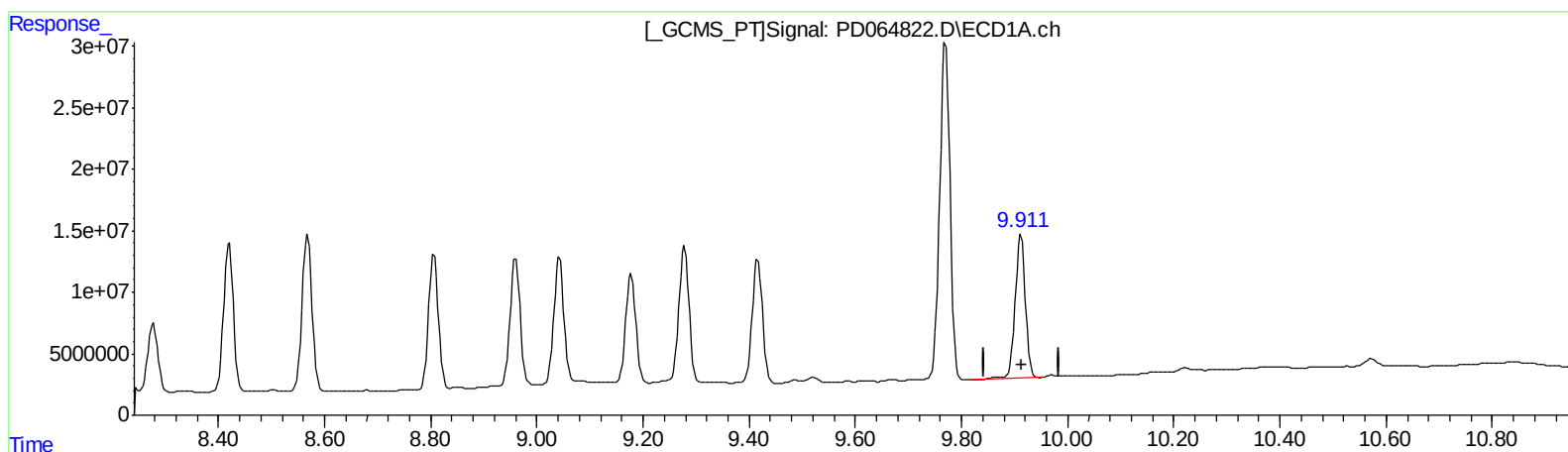
Instrument :
ECD_D
ClientSampleId :
JCEN1MS

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:01 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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)

9.912min 105.516 ng/ml

response 159634020

(21) Endrin ketone #2 (B)

9.267min 96.362 ng/ml

response 578019100

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 21:53
Operator : AR\AJ
Sample : M3220-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

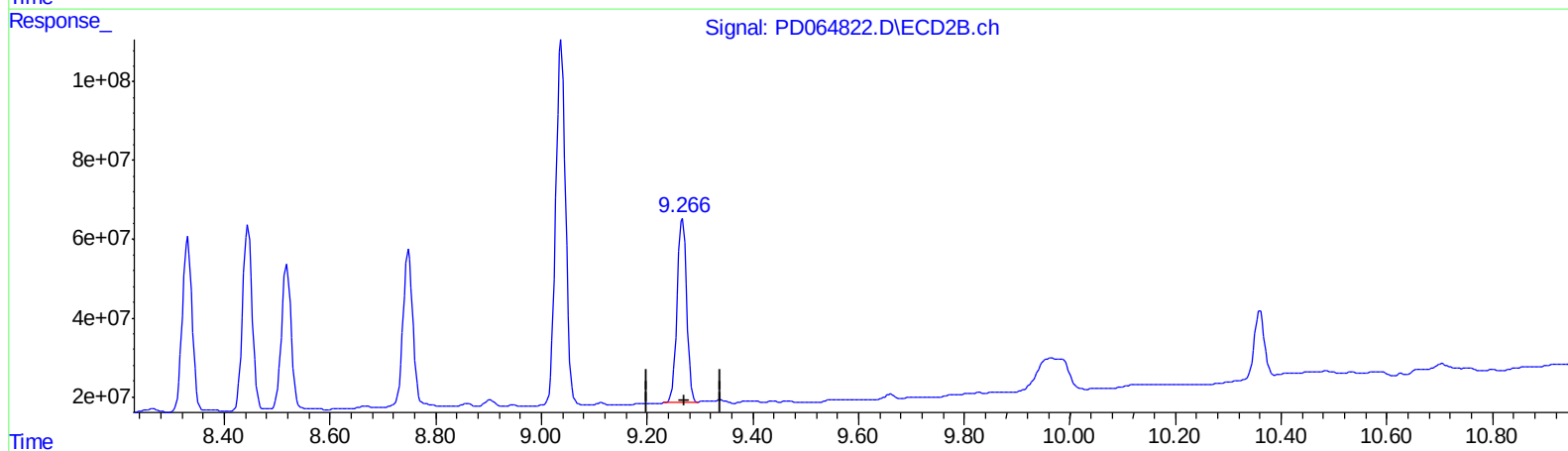
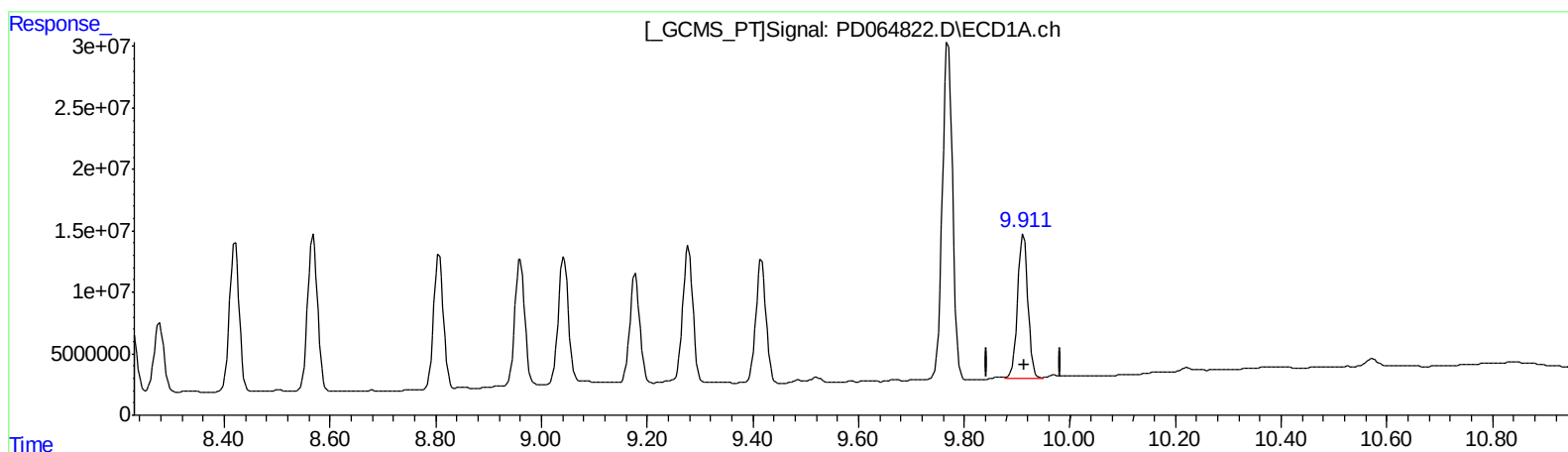
Instrument :
ECD_D
ClientSampleId :
JCEN1MS

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 03:00:01 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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)
9.911min 103.741 ng/ml m
response 156947929

(21) Endrin ketone #2 (B)
9.266min 97.761 ng/ml m
response 586408901

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
 Data File : PD064822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2021 21:53
 Operator : AR\AJ
 Sample : M3220-02MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 JCEN1MS

Manual Integrations
 APPROVED

mohammad
 8/9/2021 4:54:48 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:00:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 28 07:07:14 2021
 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 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...	5.405	4.618	23335299	204.5E6	19.562	22.375
27) SA Decachlor...	11.303	10.360	37857508	221.2E6	28.759	37.190 #
Target Compounds						
2) A alpha-BHC	5.987	5.319	97263152	752.9E6	59.704	61.087
3) MA gamma-BHC...	6.384	5.740	91432467	672.9E6	58.298	59.009
4) MA Heptachlor	7.034	6.147	91261699	638.6E6	54.303	56.324m
5) MB Aldrin	7.404	6.472	85379866	581.7E6	54.204	55.297
6) B beta-BHC	6.643	6.114	39646267	293.4E6	50.818	48.362m
7) B delta-BHC	6.909	6.377	95017667	610.6E6	54.603	56.209
8) B Heptachlo...	7.873	7.045	79882897	461.8E6	46.529	49.892
9) A Endosulfan I	8.277	7.447	70320202	375.0E6	49.885	48.767
10) B trans-Chl...	8.143	7.321	87263010	451.9E6	54.455	49.817
11) B cis-Chlor...	8.225	7.390	76440857	427.6E6	49.060	48.074
12) B 4,4'-DDE	8.420	7.602	156.2E6	793.6E6	108.403	105.177
13) MA Dieldrin	8.568	7.732	165.3E6	801.8E6	110.873	99.824
14) MA Endrin	8.806	8.022	141.9E6	642.9E6	110.860	111.923
15) B Endosulfa...	9.043	8.331	135.4E6	568.5E6	104.275	98.483
16) A 4,4'-DDD	8.960	8.184	135.7E6	558.4E6	110.524	96.950
17) MA 4,4'-DDT	9.278	8.445	147.3E6	591.0E6	112.820	107.374
18) B Endrin al...	9.178	8.518	118.6E6	461.1E6	104.697	93.436
19) B Endosulfa...	9.416	8.749	136.3E6	508.3E6	98.928	94.296
20) A Methoxychlor	9.770	9.038	370.7E6	1193.7E6	518.005	466.162
21) B Endrin ke...	9.911	9.266	156.9E6	586.4E6	103.741m	97.761m

AJ
 08/18/21

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