

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:53
Operator : AR\AJ
Sample : PB137836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

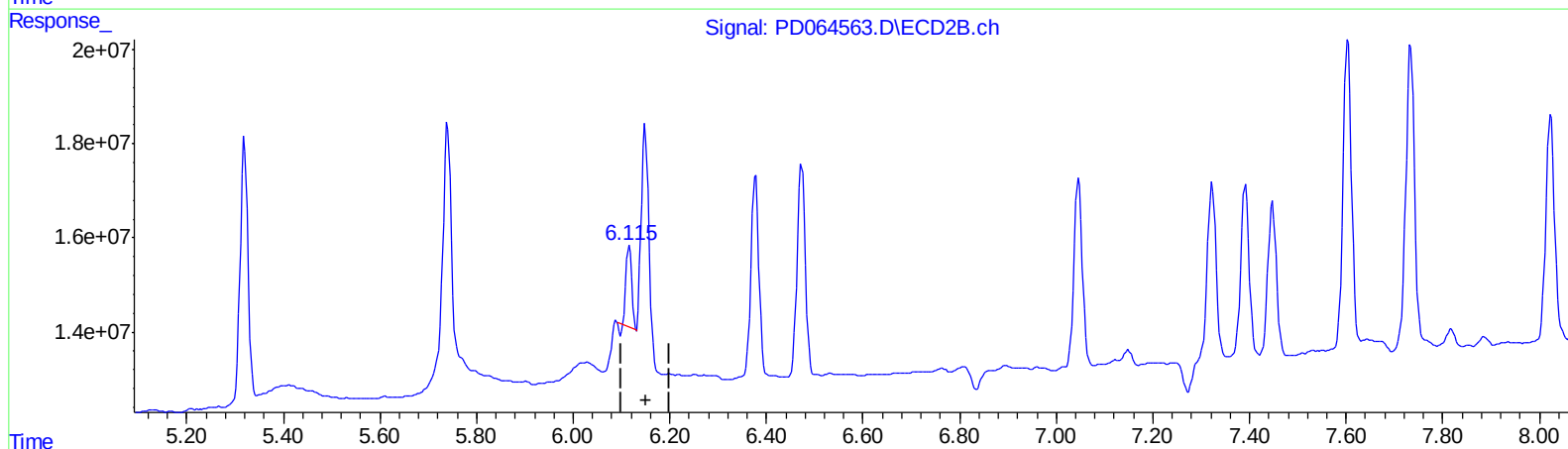
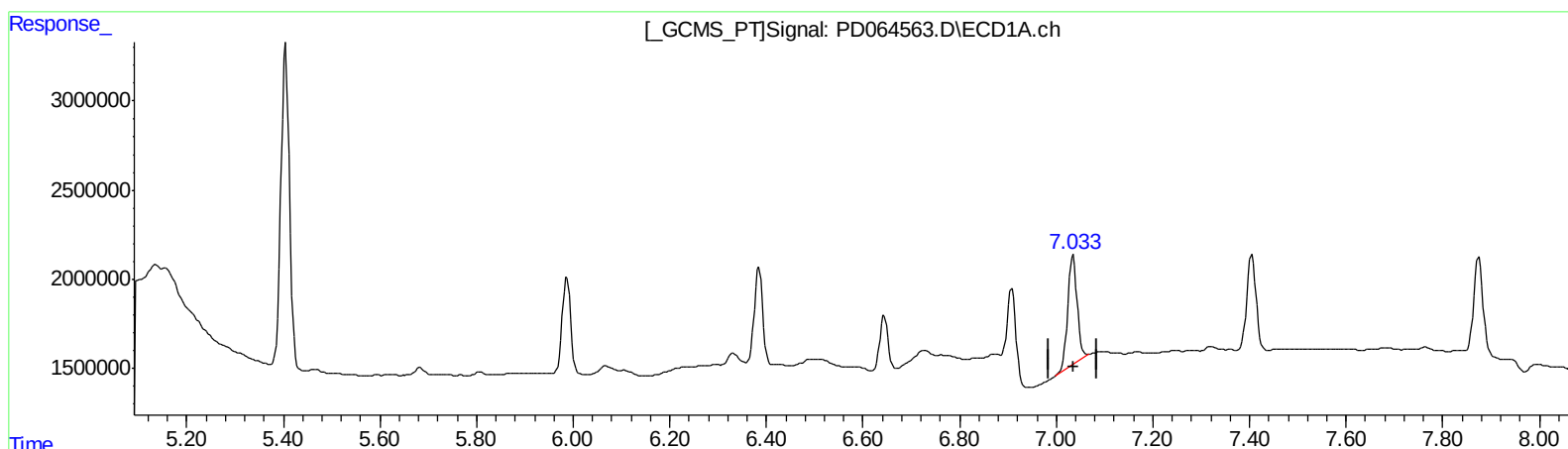
Instrument :
ECD_D
ClientSampleId :
PLCS836

Manual Integrations
APPROVED

mohammad
8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:09 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

(4) Heptachlor (MA)
7.035min 4.847 ng/ml
response 8146456

(4) Heptachlor #2 (MA)
6.116min 1.195 ng/ml
response 13551294

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:53
Operator : AR\AJ
Sample : PB137836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

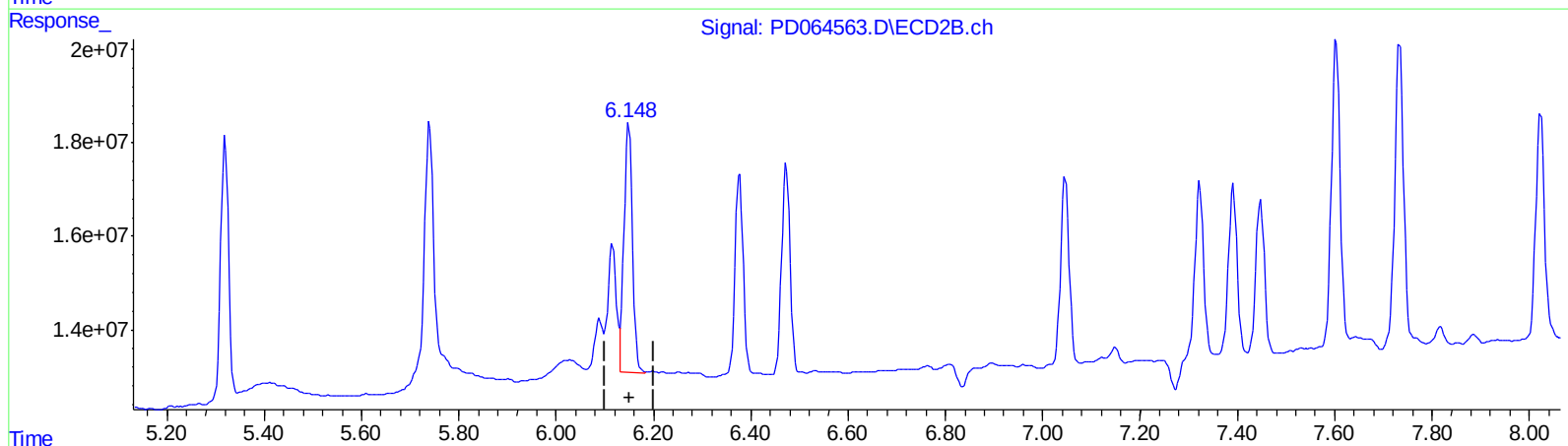
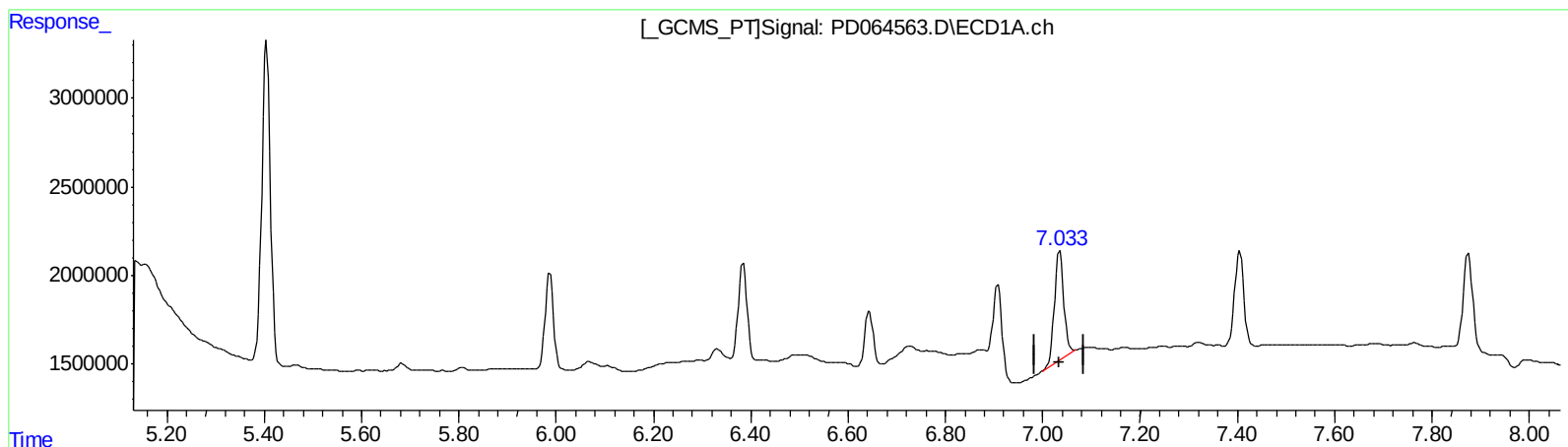
Instrument :
ECD_D
ClientSampleId :
PLCS836

Manual Integrations
APPROVED

mohammad
8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:09 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

(4) Heptachlor (MA)
7.035min 4.847 ng/ml
response 8146456

(4) Heptachlor #2 (MA)
6.148min 5.607 ng/ml m
response 63573352

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:53
Operator : AR\AJ
Sample : PB137836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

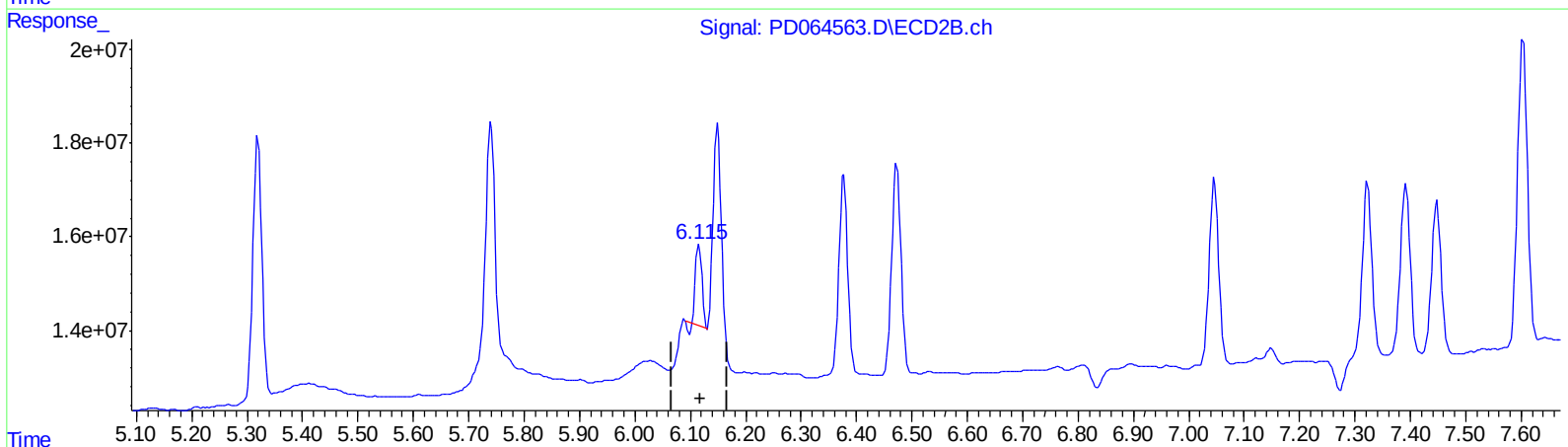
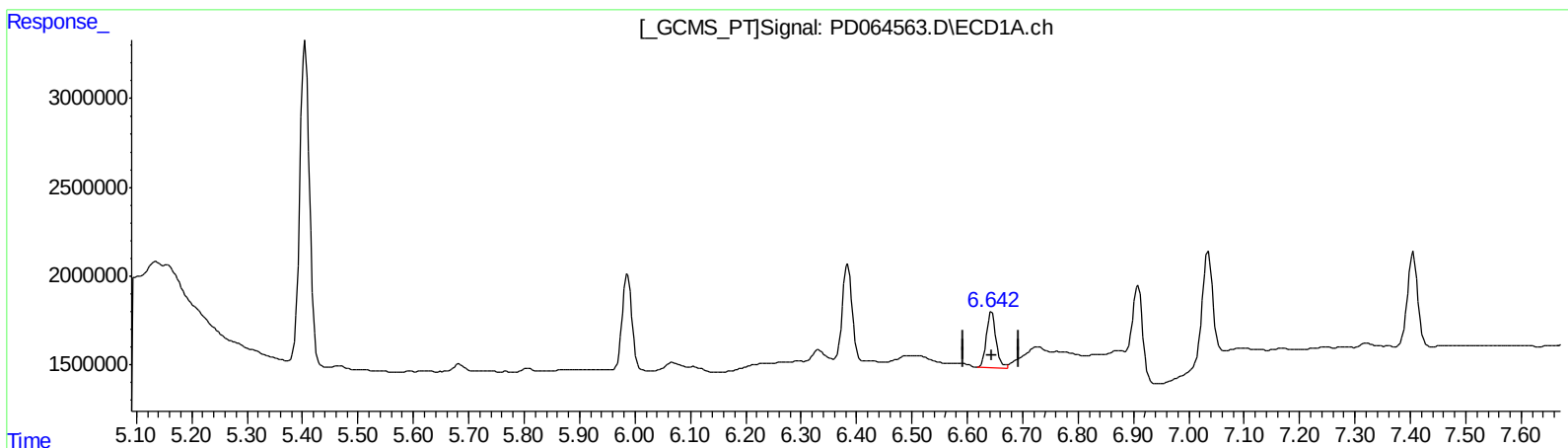
Instrument :
ECD_D
ClientSampled :
PLCS836

Manual Integrations
APPROVED

mohammad
8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:09 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)
6.644min 5.004 ng/ml
response 3903595

(6) beta-BHC #2 (B)
6.116min 2.234 ng/ml
response 13551294

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:53
Operator : AR\AJ
Sample : PB137836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

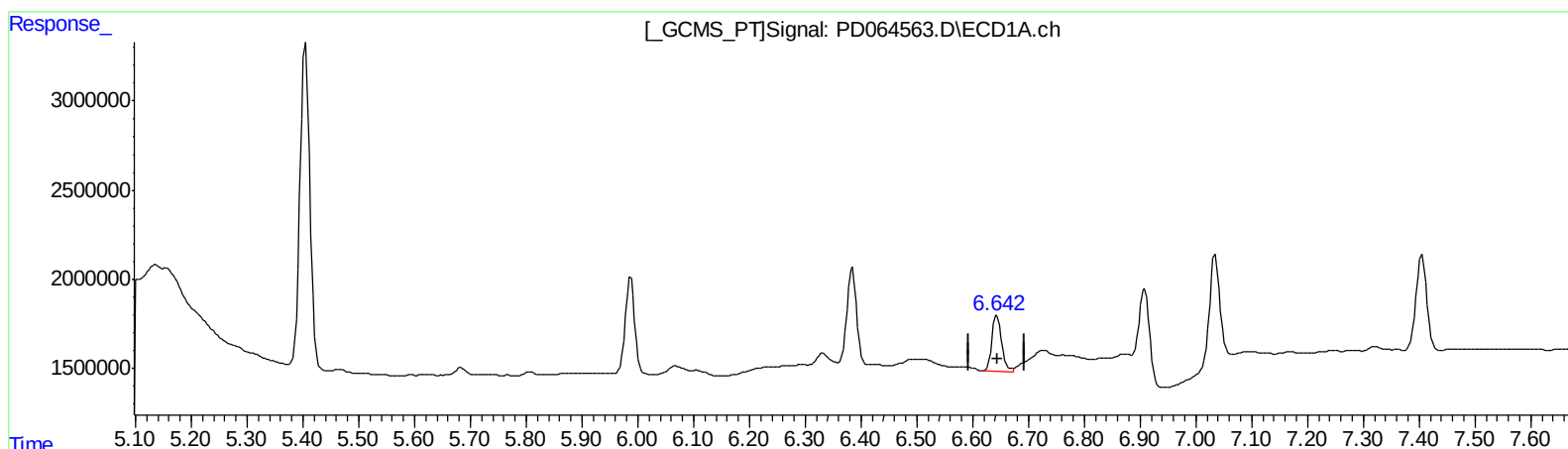
Instrument :
ECD_D
ClientSampleId :
PLCS836

Manual Integrations
APPROVED

mohammad
8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:09 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)

6.644min 5.004 ng/ml

response 3903595

(6) beta-BHC #2 (B)

6.115min 5.354 ng/ml m

response 32483778

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:53
Operator : AR\AJ
Sample : PB137836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

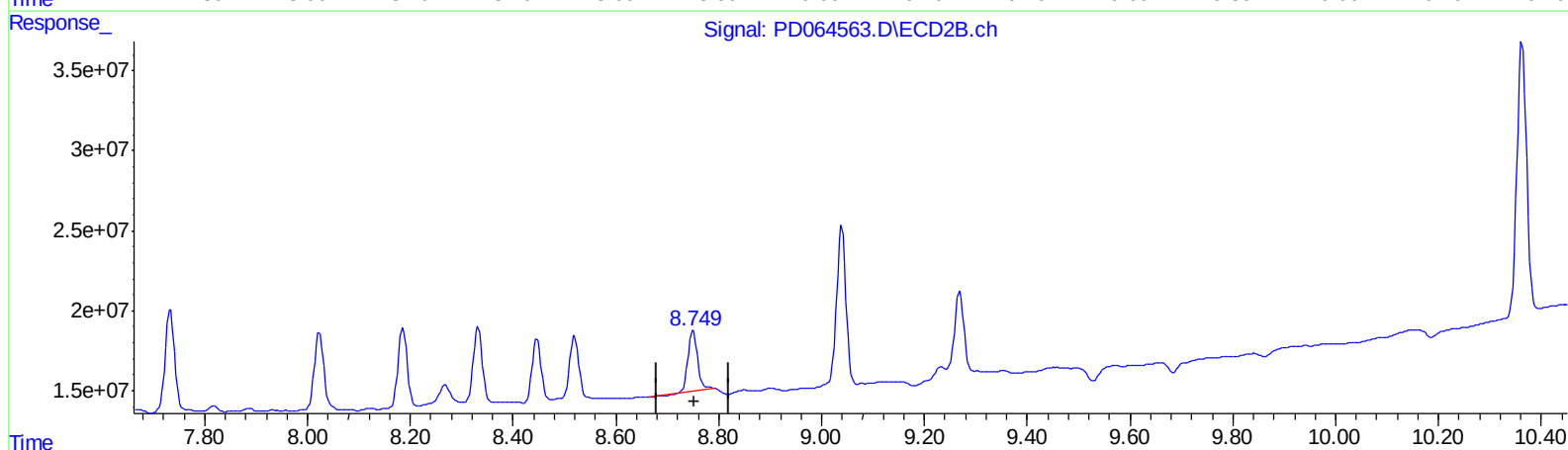
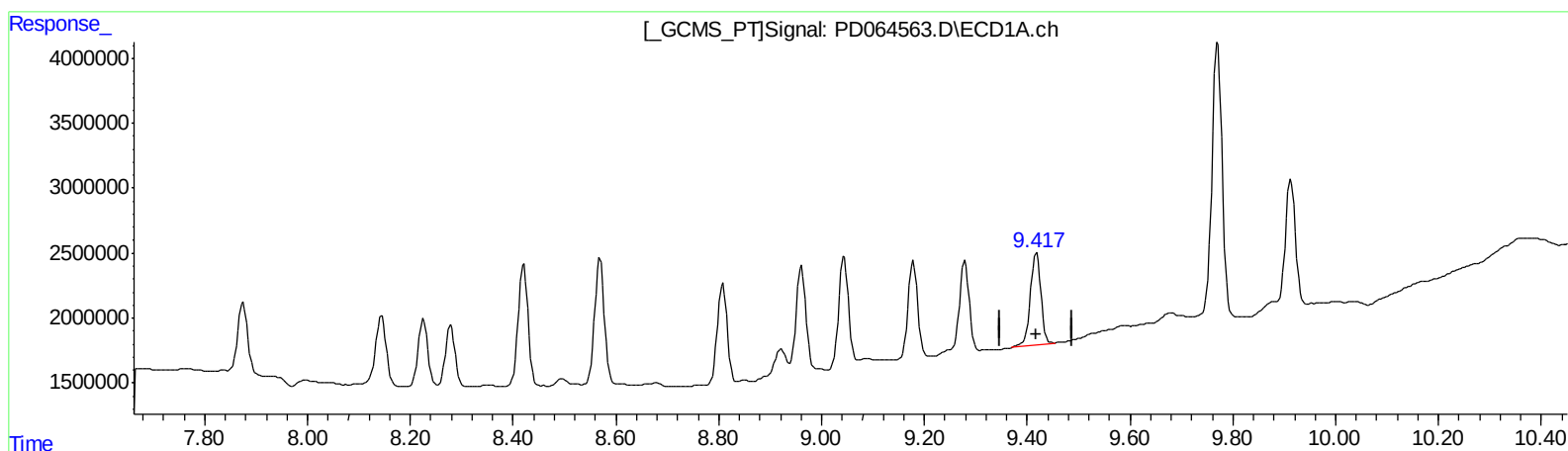
Instrument :
ECD_D
ClientSampleID :
PLCS836

Manual Integrations
APPROVED

mohammad
8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:09 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

(19) Endosulfan Sulfate (B)

9.418min 7.206 ng/ml

response 9931171

(19) Endosulfan Sulfate #2 (B)

8.750min 8.712 ng/ml

response 46961748

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:53
Operator : AR\AJ
Sample : PB137836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

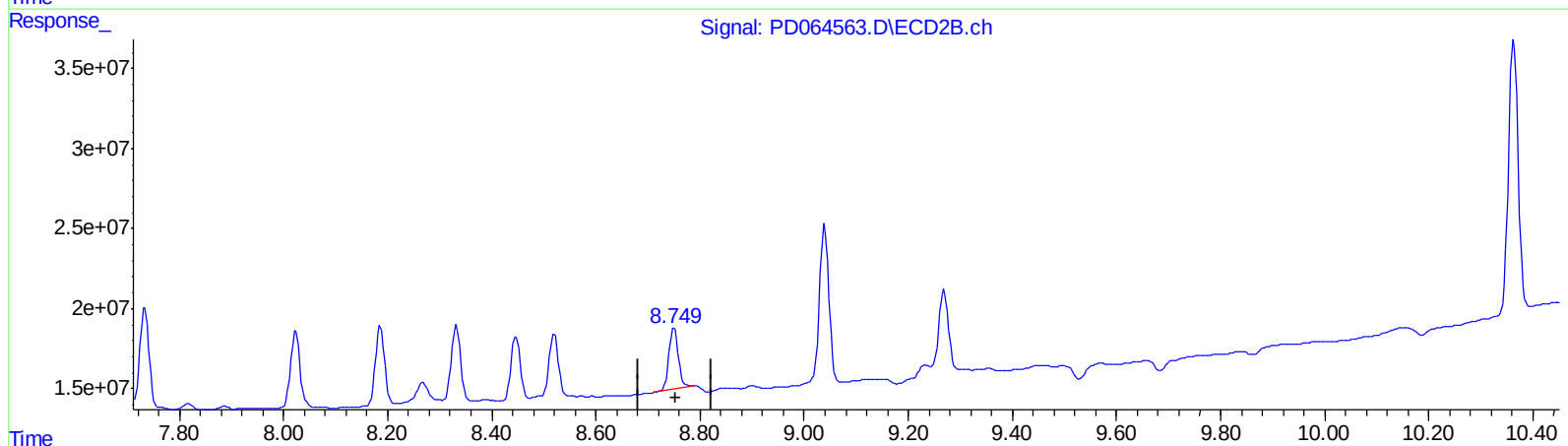
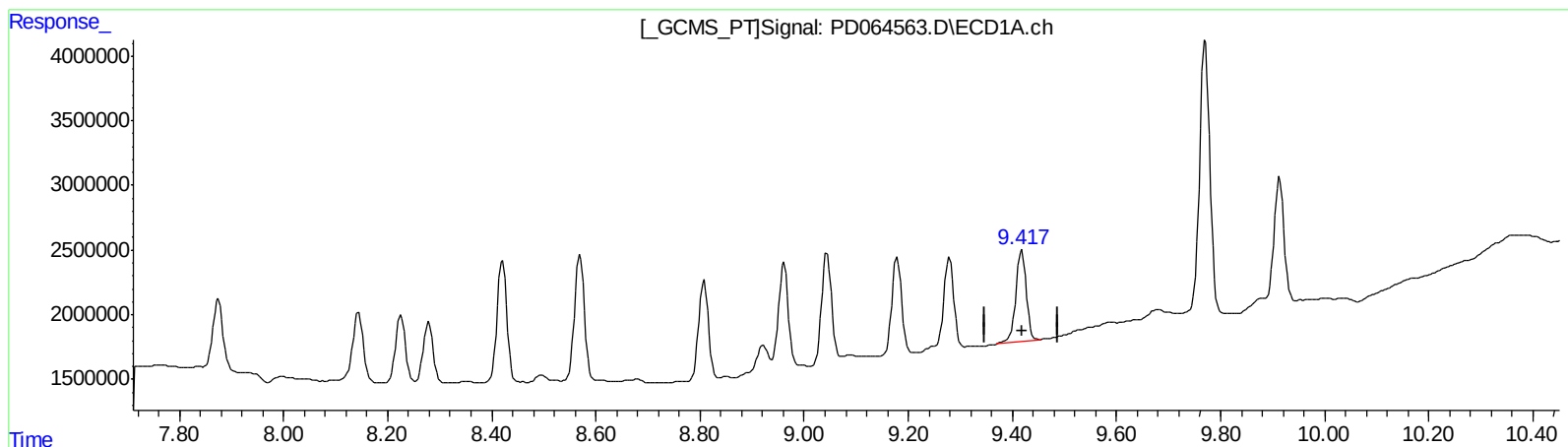
Instrument :
ECD_D
ClientSampleId :
PLCS836

Manual Integrations
APPROVED

mohammad
8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:09 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

(19) Endosulfan Sulfate (B)

9.418min 7.206 ng/ml

response 9931171

(19) Endosulfan Sulfate #2 (B)

8.749min 9.011 ng/ml m

response 48570633

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:53
Operator : AR\AJ
Sample : PB137836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

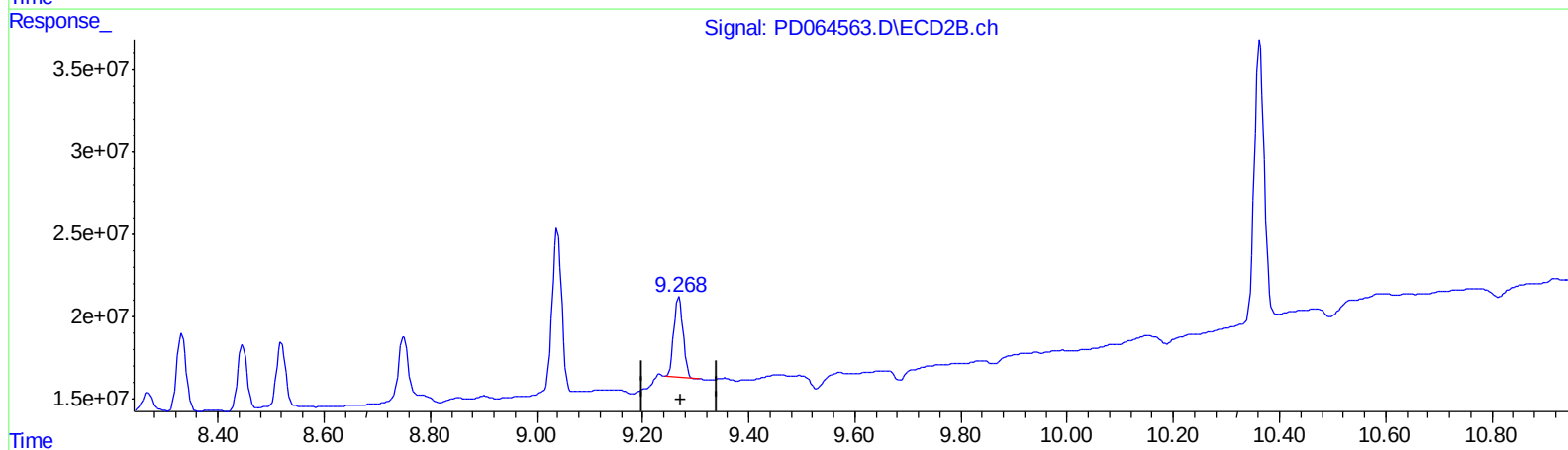
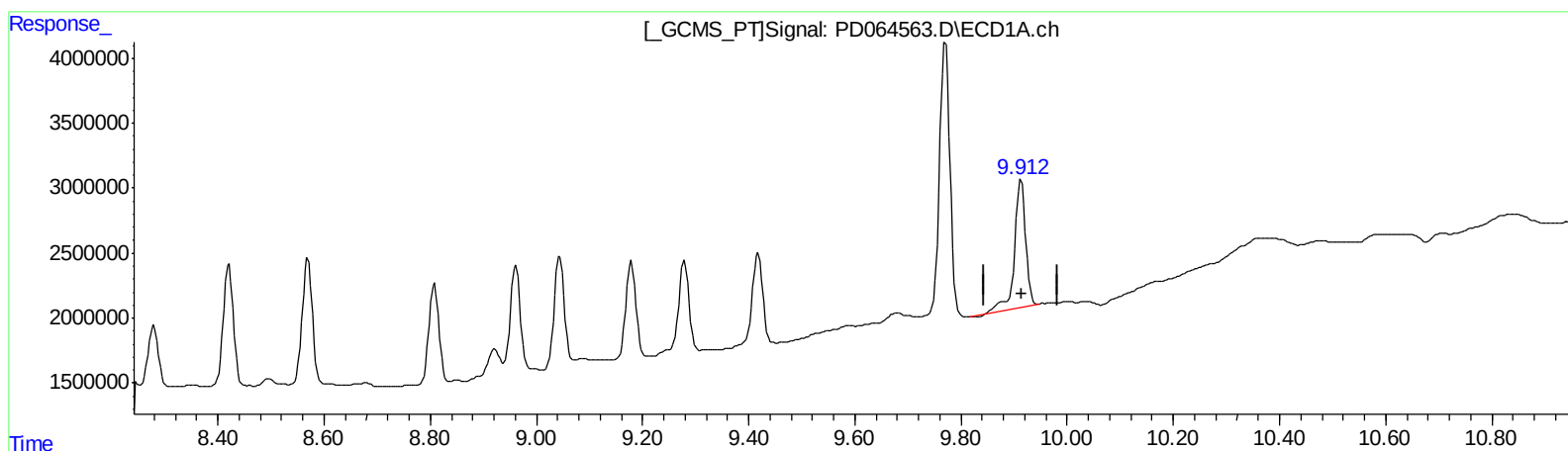
Instrument :
ECD_D
ClientSampleID :
PLCS836

Manual Integrations
APPROVED

mohammad
8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:09 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)

9.913min 9.429 ng/ml

response 14264344

(21) Endrin ketone #2 (B)

9.269min 9.890 ng/ml

response 59323785

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 14:53
Operator : AR\AJ
Sample : PB137836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

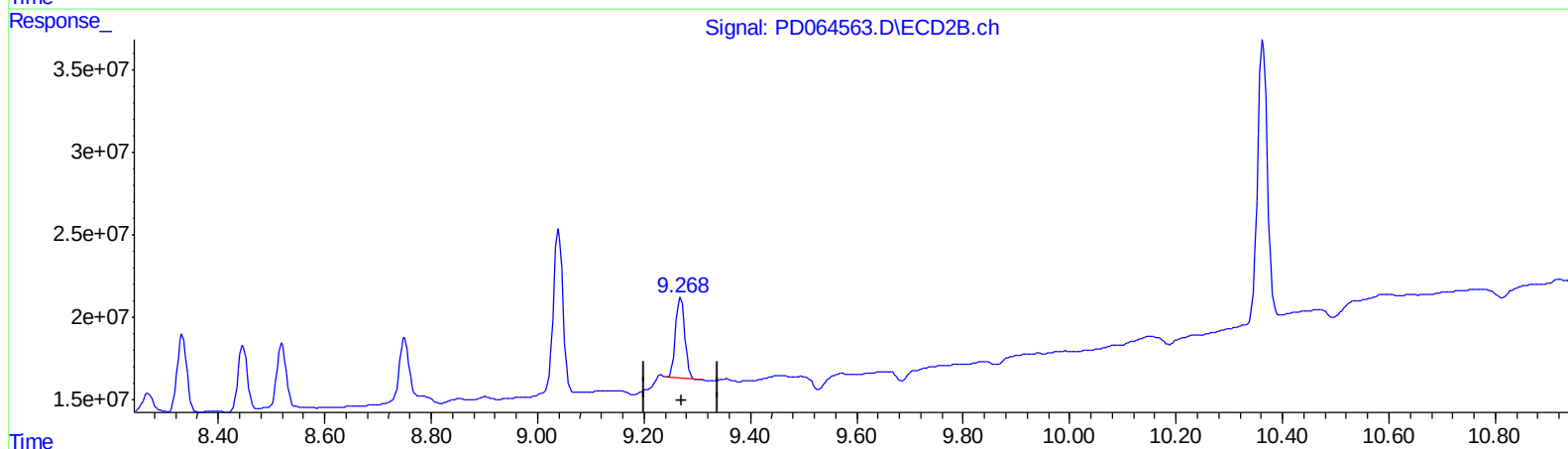
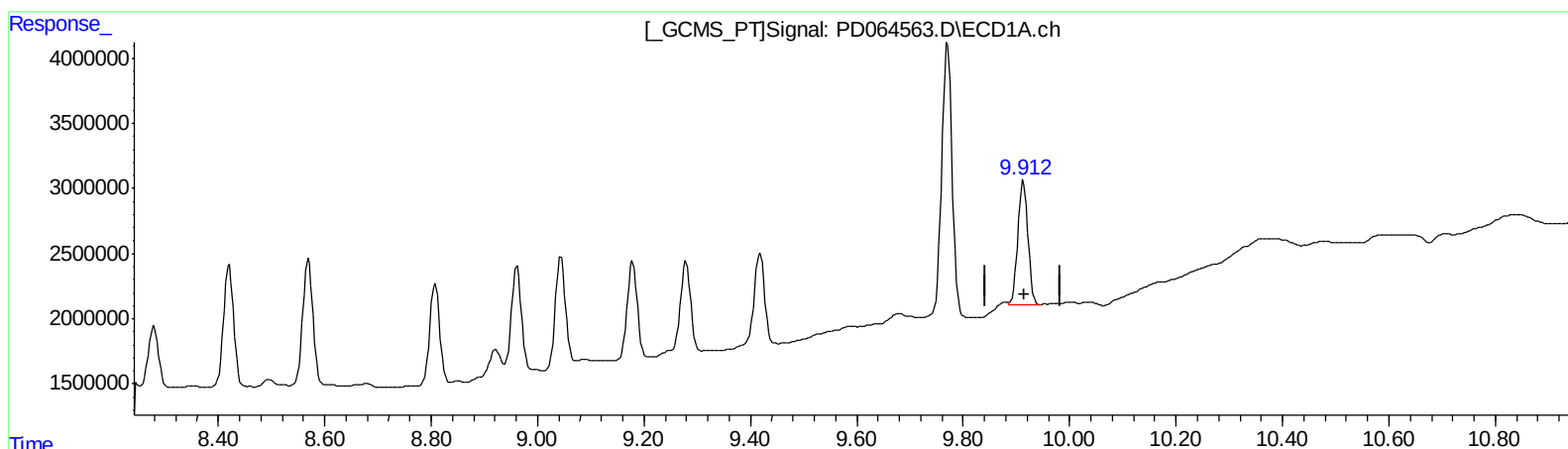
Instrument :
ECD_D
ClientSampled :
PLCS836

Manual Integrations
APPROVED

mohammad
8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:09 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 8.366 ng/ml m
response 12656823

(21) Endrin ketone #2 (B)
9.269min 9.890 ng/ml
response 59323785

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
 Data File : PD064563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 14:53
 Operator : AR\AJ
 Sample : PB137836BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PLCS836

Manual Integrations
 APPROVED

mohammad
 8/2/2021 12:36:18 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:10:09 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.405	4.618	22242330	191.1E6	18.646	20.910
27) SA Decachlor...	11.306	10.363	42985706	216.2E6	32.654	36.352
Target Compounds						
2) A alpha-BHC	5.987	5.320	6569797	61623979	4.033	5.000
3) MA gamma-BHC...	6.385	5.740	7072094	63417090	4.509	5.561
4) MA Heptachlor	7.035	6.148	8146456	63573352	4.847	5.607m
5) MB Aldrin	7.405	6.473	6981407	54667741	4.432	5.197
6) B beta-BHC	6.644	6.115	3903595	32483778	5.004	5.354m
7) B delta-BHC	6.908	6.377	7019291	49547629	4.034	4.561
8) B Heptachlo...	7.875	7.046	7940329	48655917	4.625	5.256
9) A Endosulfan I	8.279	7.448	6182485	41929047	4.386	5.453
10) B trans-Chl...	8.144	7.323	7539120	50915359	4.705	5.613
11) B cis-Chlor...	8.226	7.392	6883723	48358339	4.418	5.436
12) B 4,4'-DDE	8.421	7.604	12317904	81090404	8.546	10.747 #
13) MA Dieldrin	8.570	7.734	12930345	85950042	8.671	10.701
14) MA Endrin	8.808	8.024	10181182	61444897	7.952	10.696 #
15) B Endosulfa...	9.044	8.332	10560830	57635570	8.132	9.985
16) A 4,4'-DDD	8.961	8.186	11008603	59681400	8.968	10.362
17) MA 4,4'-DDT	9.279	8.447	9580604	48150486	7.339	8.747
18) B Endrin al...	9.179	8.520	9757447	47861531	8.613	9.698
19) B Endosulfa...	9.418	8.749	9931171	48570633	7.206	9.011m#
20) A Methoxychlor	9.770	9.039	29436657	127.1E6	41.138	49.640
21) B Endrin ke...	9.912	9.269	12656823	59323785	8.366m	9.890

AJ
 08/03/21

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