

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

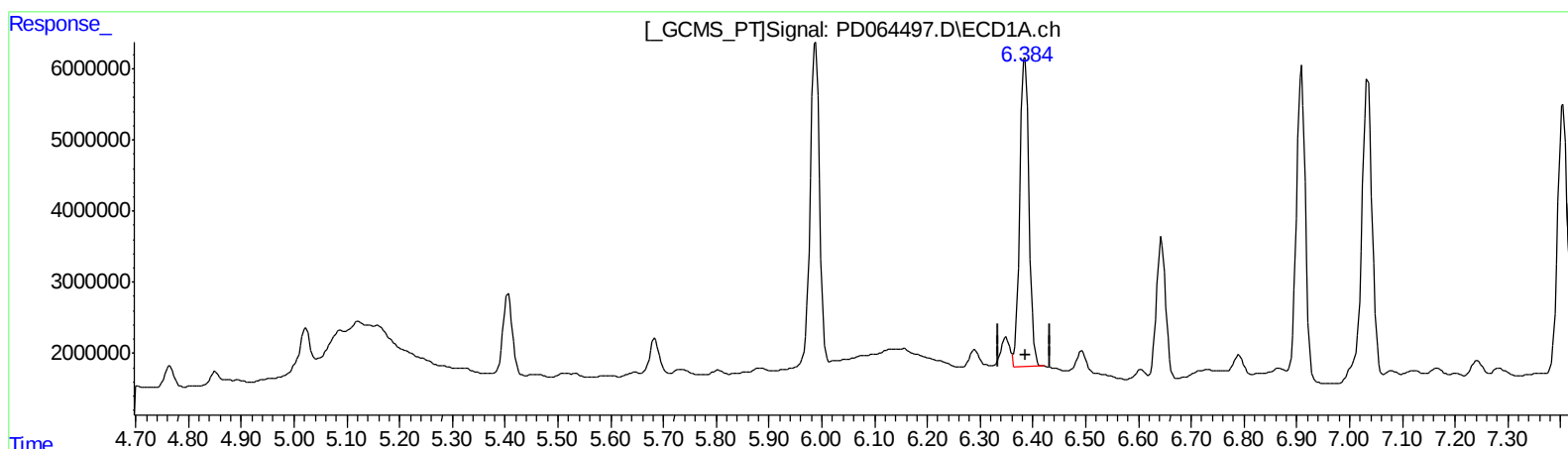
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
APPROVED

mohammad
7/30/2021 2:28:03 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 06:49:40 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



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

6.385min 33.302 ng/ml

response 52229388

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

5.742min 30.397 ng/ml

response 346634868

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

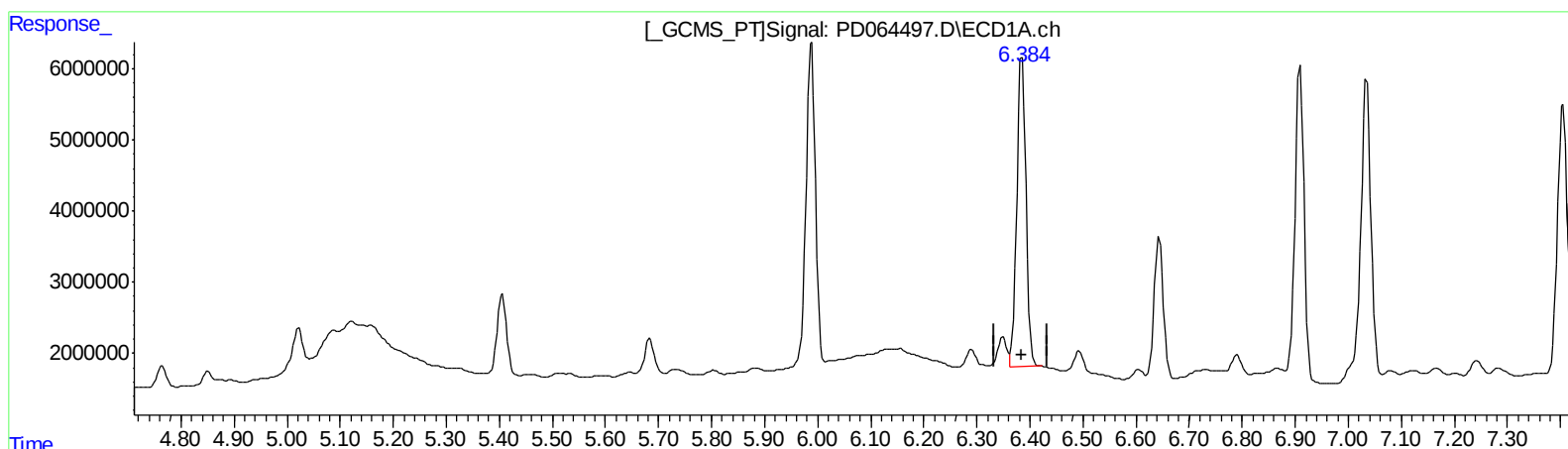
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
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mohammad
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Integration File signal 1: autoint1.e
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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)

6.385min 33.302 ng/ml

response 52229388

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

5.741min 33.404 ng/ml m

response 380917439

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

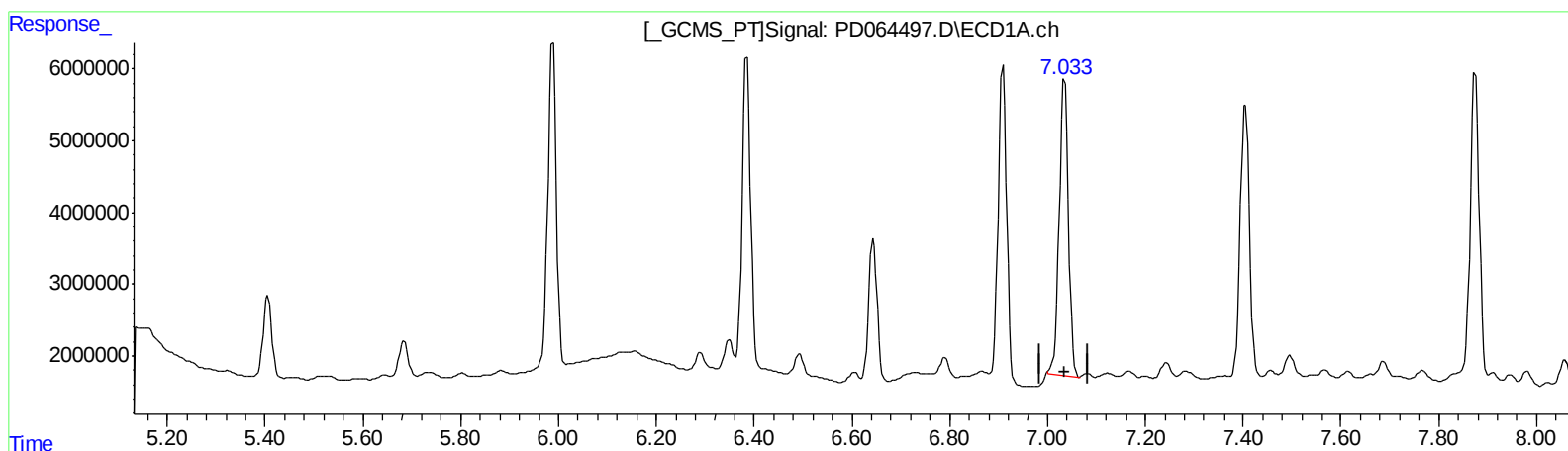
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
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mohammad
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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



(4) Heptachlor (MA)
7.035min 32.069 ng/ml
response 53895795

(4) Heptachlor #2 (MA)
6.151min 28.028 ng/ml
response 317783382

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

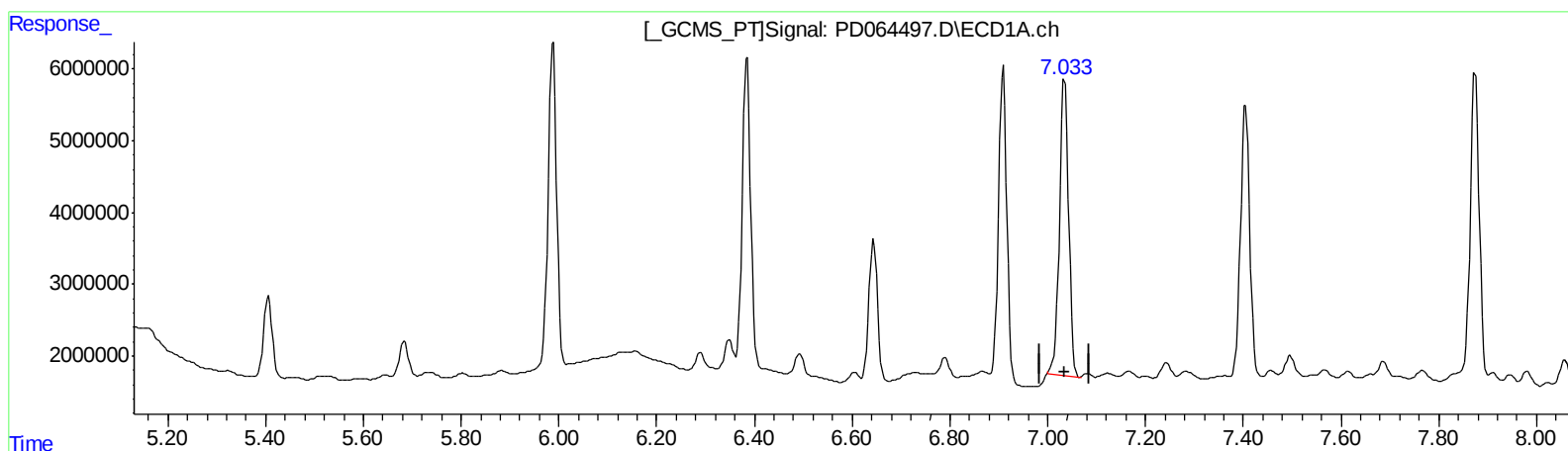
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
APPROVED

mohammad
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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



(4) Heptachlor (MA)

7.035min 32.069 ng/ml

response 53895795

(4) Heptachlor #2 (MA)

6.150min 33.260 ng/ml m

response 377098219

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

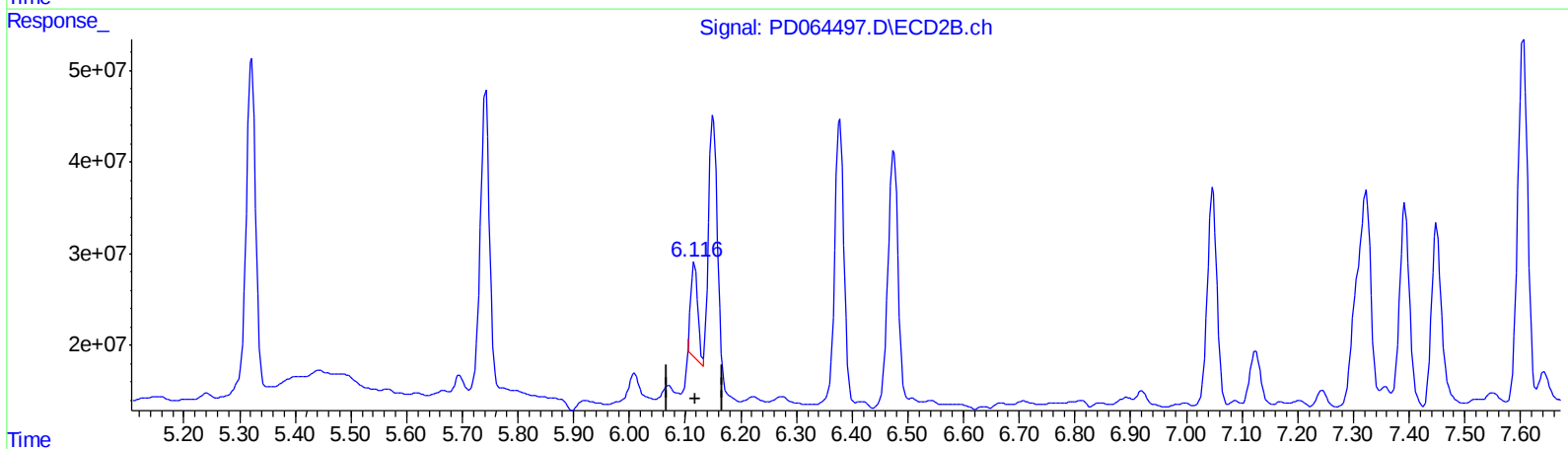
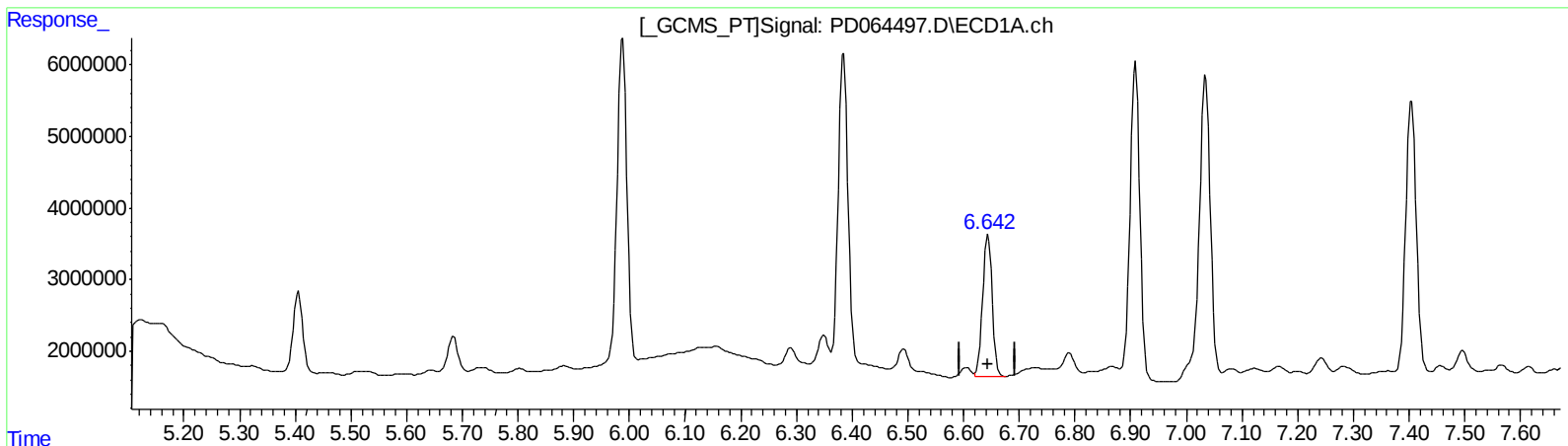
Instrument :
ECD_D
ClientSampleId :
C0024MSD

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



QEdit

(6) beta-BHC (B)
6.644min 30.697 ng/ml
response 23949152

(6) beta-BHC #2 (B)
6.117min 14.467 ng/ml
response 87767610

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
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Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

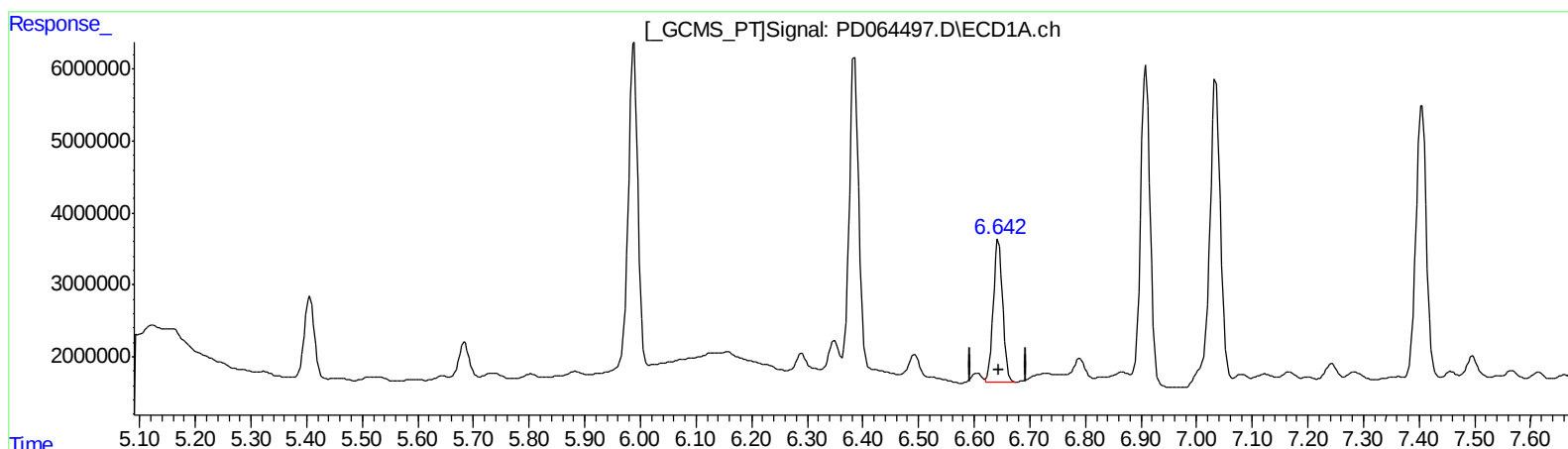
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
APPROVED

mohammad
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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



(6) beta-BHC (B)
6.644min 30.697 ng/ml
response 23949152

(6) beta-BHC #2 (B)
6.116min 29.278 ng/ml m
response 177622746

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

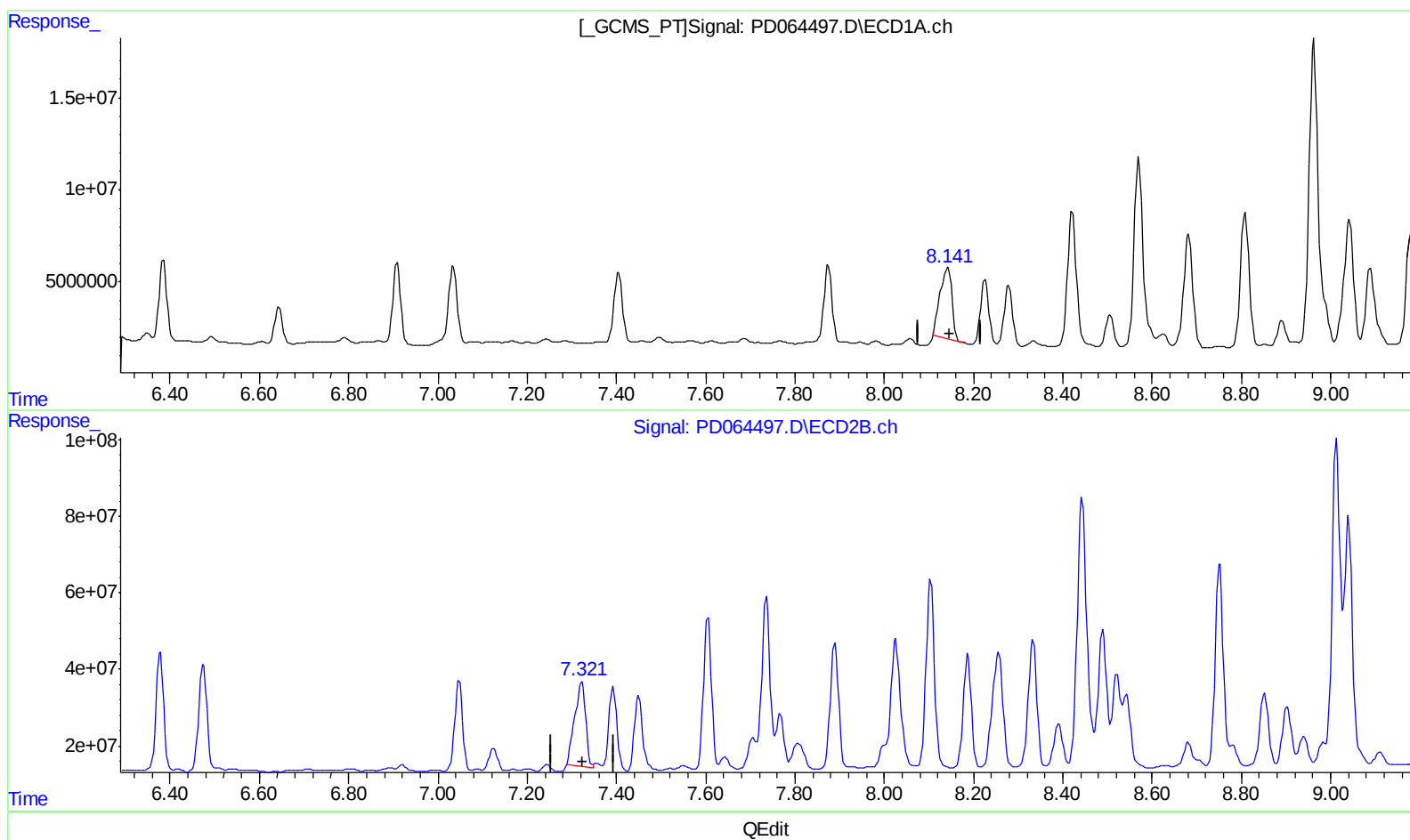
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
APPROVED

mohammad
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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



(10) trans-Chlordane (B)

8.143min 42.979 ng/ml

response 68872800

(10) trans-Chlordane #2 (B)

7.323min 41.622 ng/ml

response 377521707

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

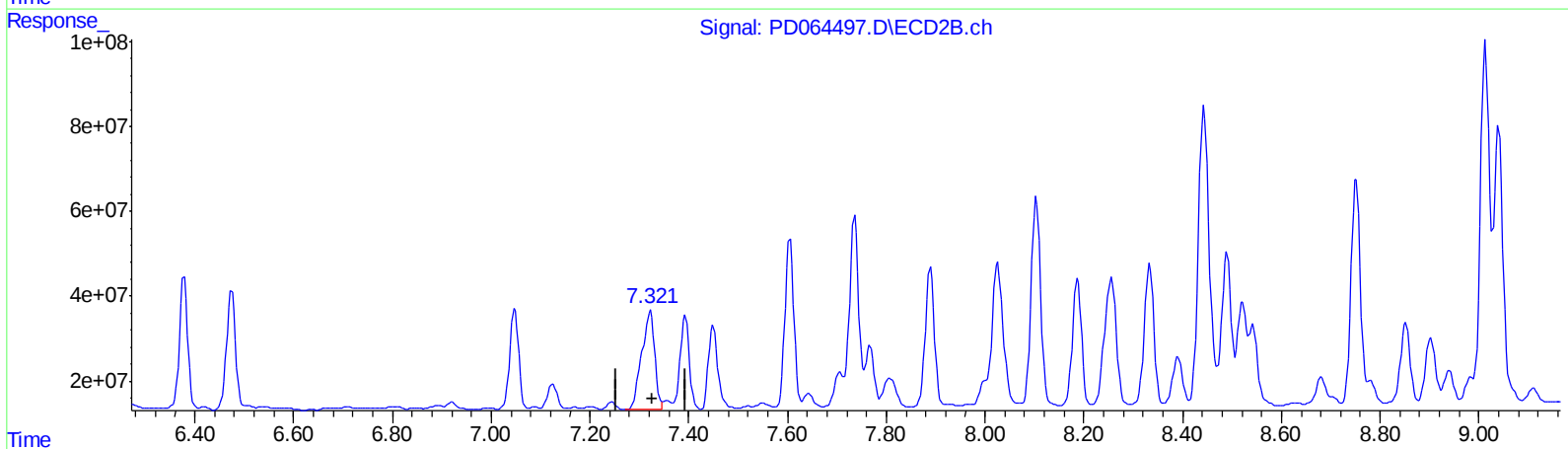
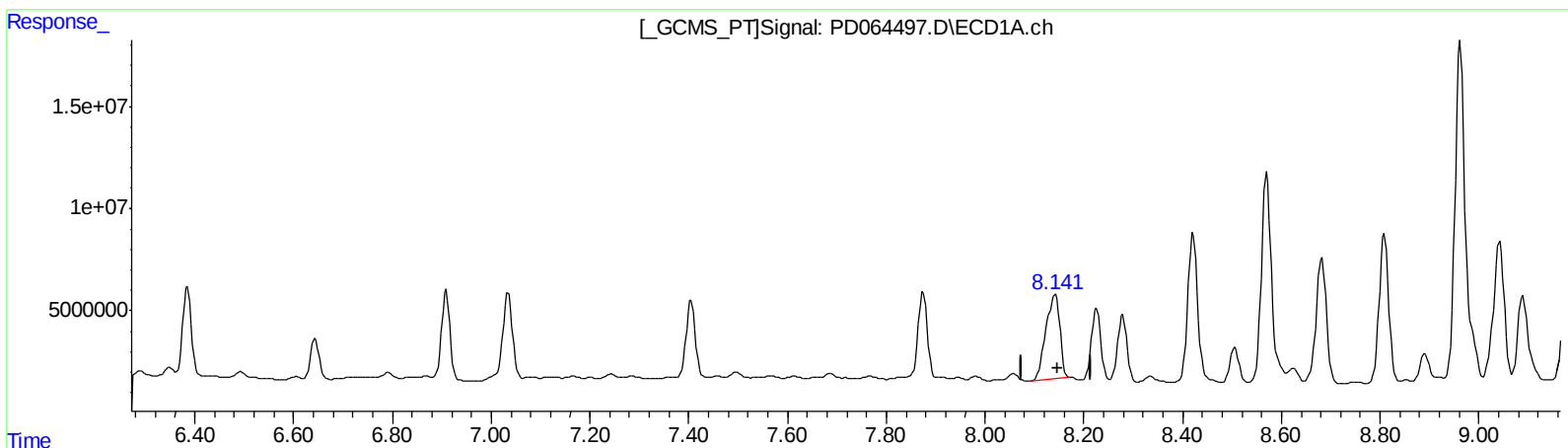
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
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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



QEdit

(10) trans-Chlordane (B)
8.141min 50.480 ng/ml m
response 80893443

(10) trans-Chlordane #2 (B)
7.321min 47.334 ng/ml m
response 429330939

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

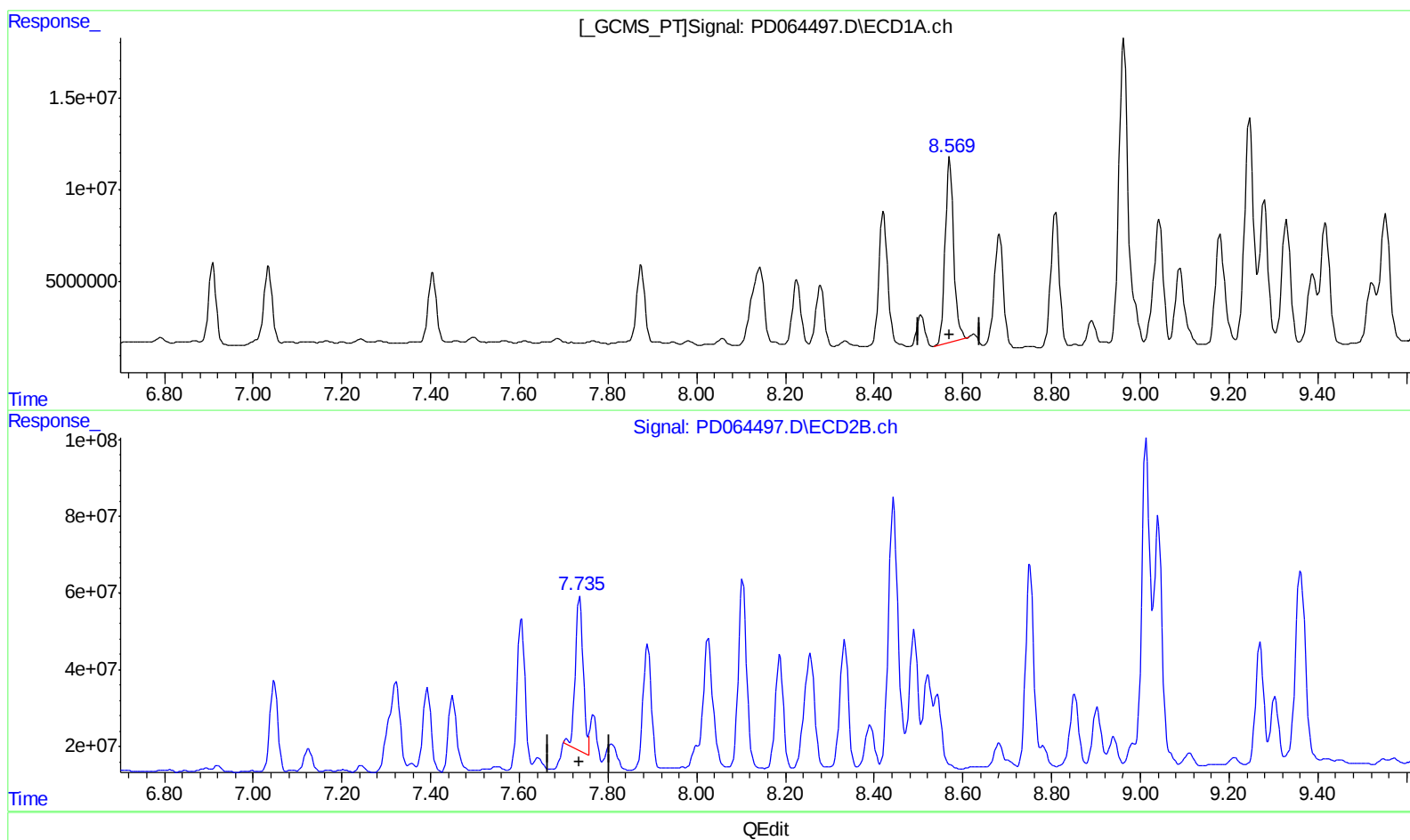
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
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mohammad
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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)
8.570min 90.624 ng/ml
response 135146278

(13) Dieldrin #2 (MA)
7.736min 59.864 ng/ml
response 480813891

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

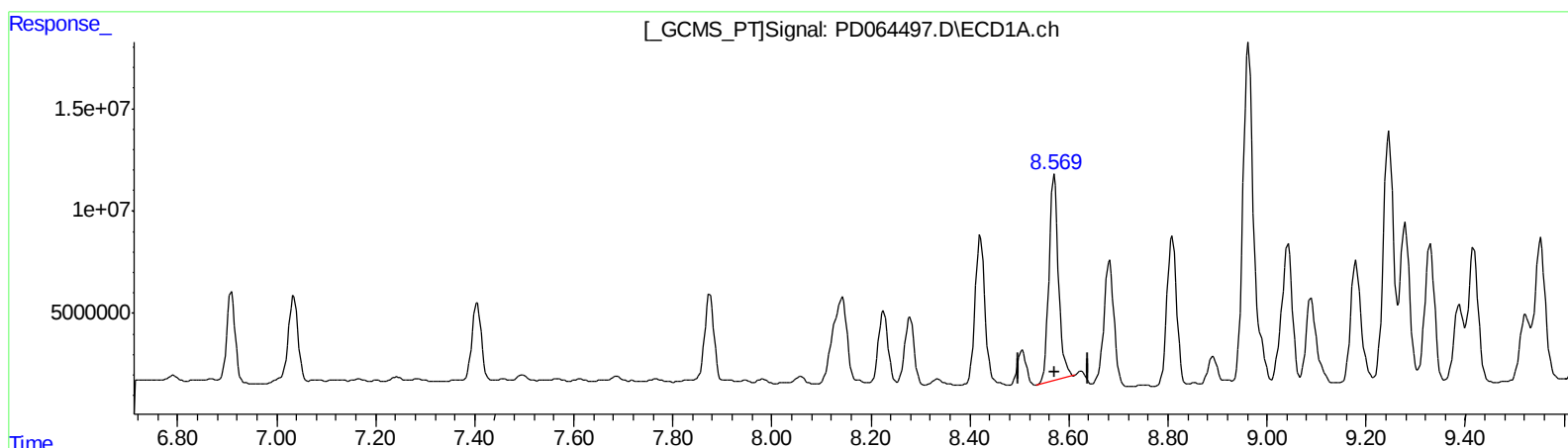
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
APPROVED

mohammad
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Integration File signal 1: autoint1.e
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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

(13) Dieldrin (MA)
8.570min 90.624 ng/ml
response 135146278

(13) Dieldrin #2 (MA)
7.735min 74.147 ng/ml m
response 595535013

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

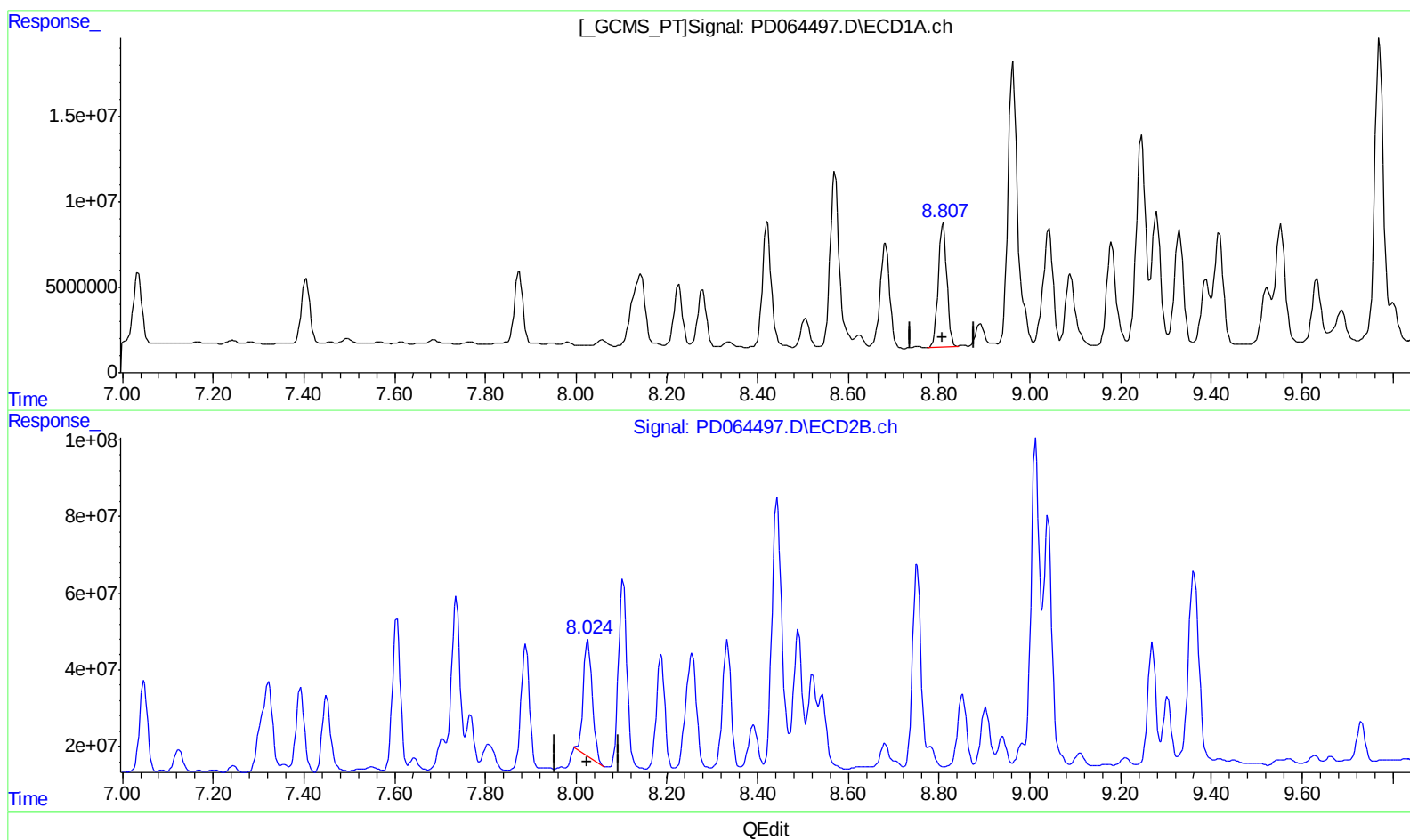
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ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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(14) Endrin (MA)

8.809min 77.466 ng/ml

response 99186511

(14) Endrin #2 (MA)

8.026min 72.301 ng/ml

response 415339130

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

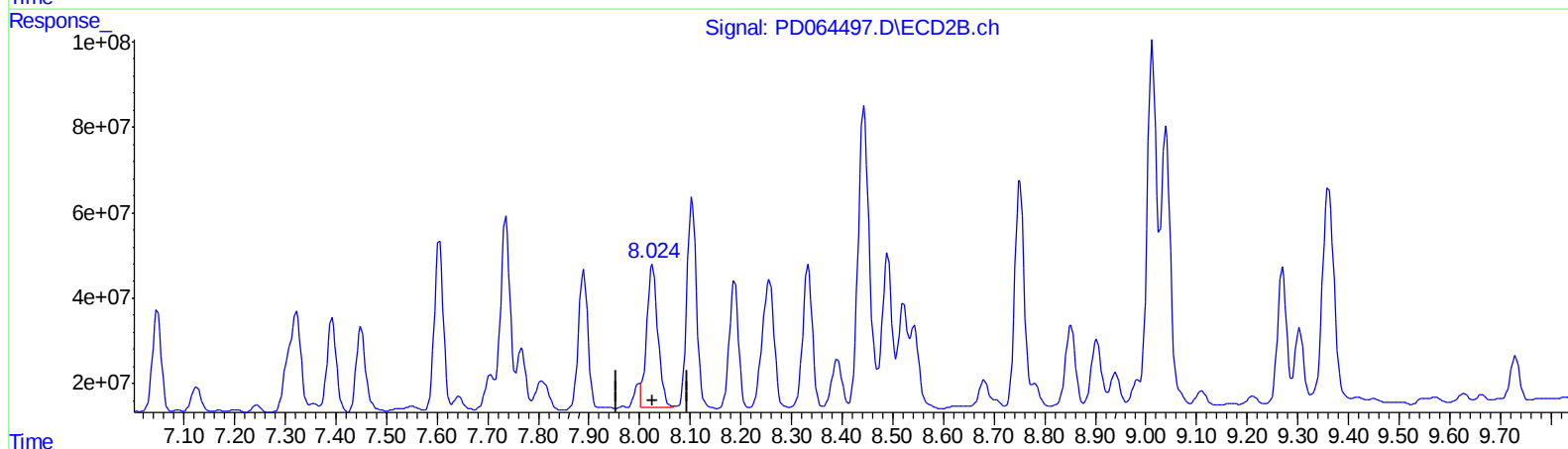
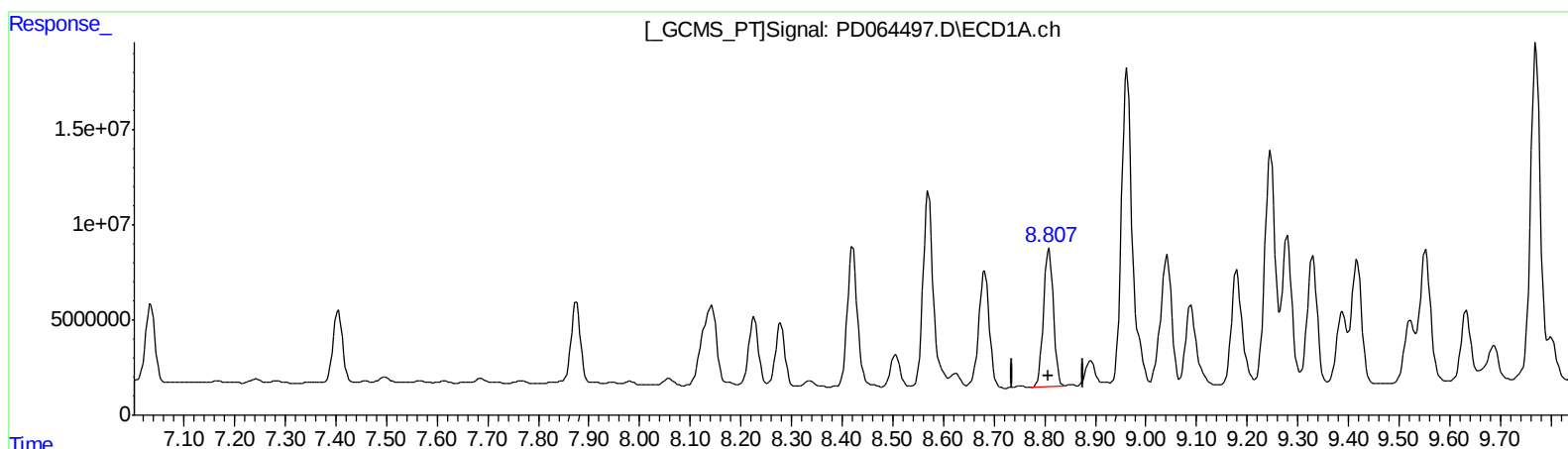
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ClientSampleId :
C0024MSD

Manual Integrations
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mohammad
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Integration File signal 1: autoint1.e
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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

(14) Endrin (MA)

8.809min 77.466 ng/ml

response 99186511

(14) Endrin #2 (MA)

8.024min 88.757 ng/ml m

response 509871855

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3084-06MSD
Misc :
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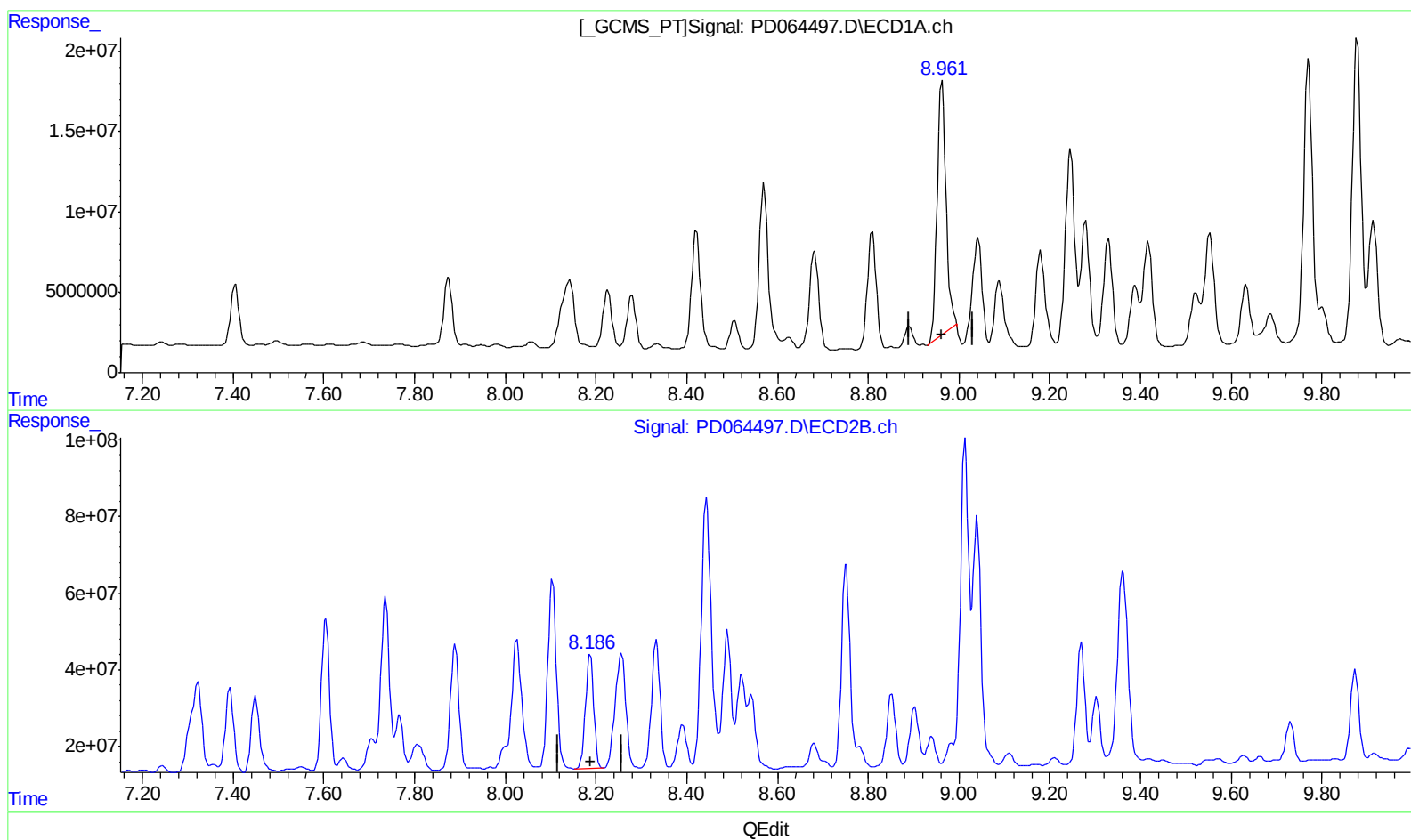
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Manual Integrations
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)

8.962min 174.960 ng/ml

response 214771982

(16) 4,4'-DDD #2 (A)

8.188min 64.980 ng/ml

response 374251871

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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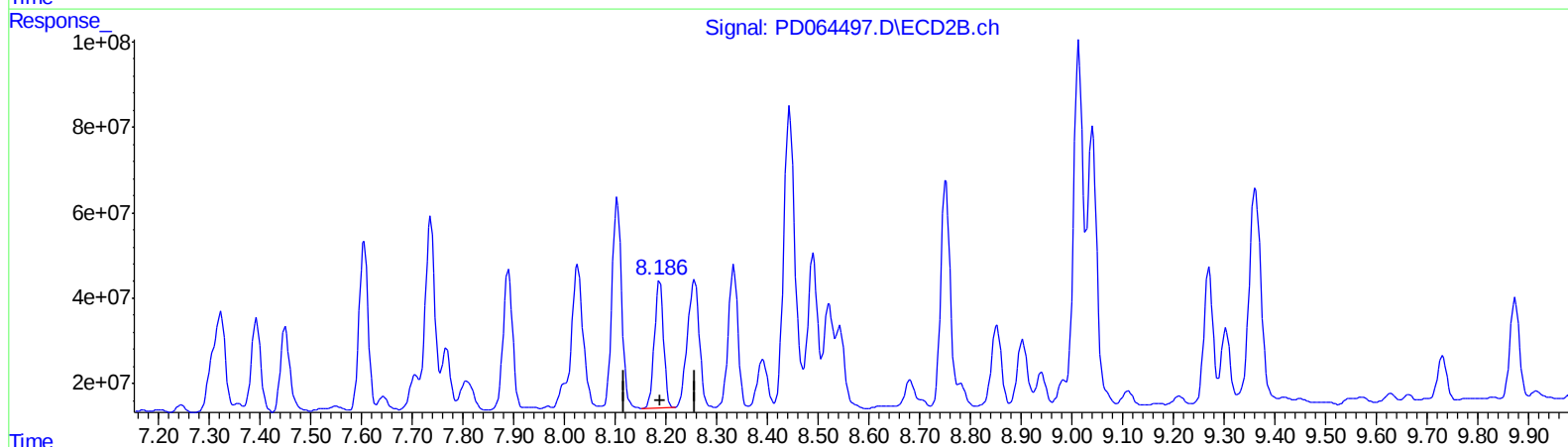
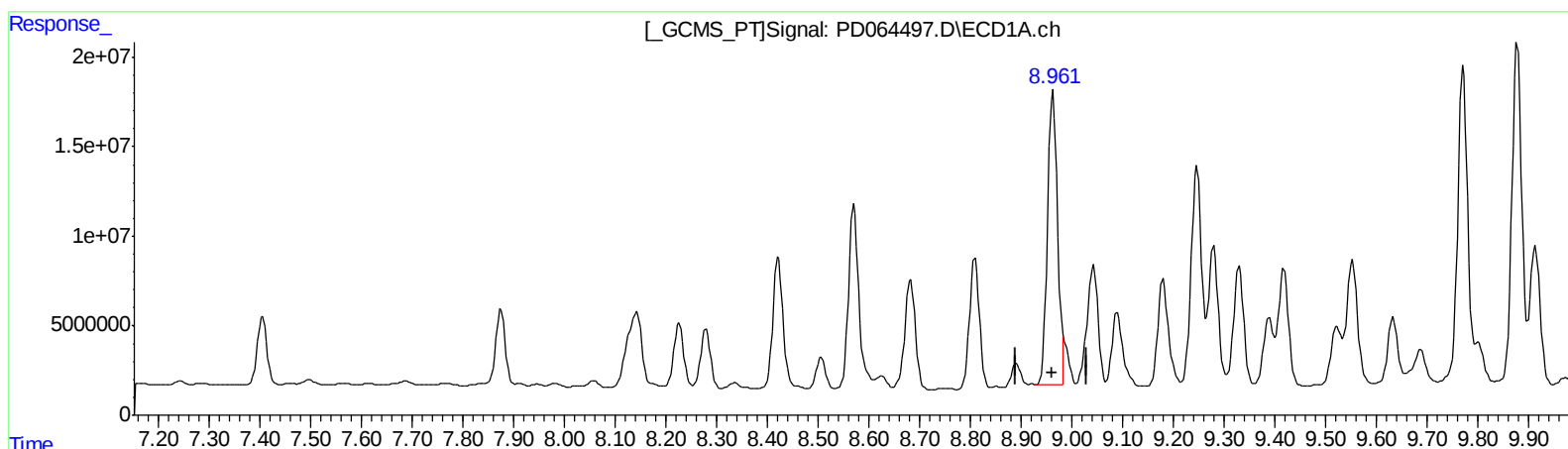
Instrument :
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ClientSampleId :
C0024MSD

Manual Integrations
APPROVED

mohammad
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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



QEdit

(16) 4,4'-DDD (A)
8.961min 186.264 ng/ml m
response 228647970

(16) 4,4'-DDD #2 (A)
8.188min 64.980 ng/ml
response 374251871

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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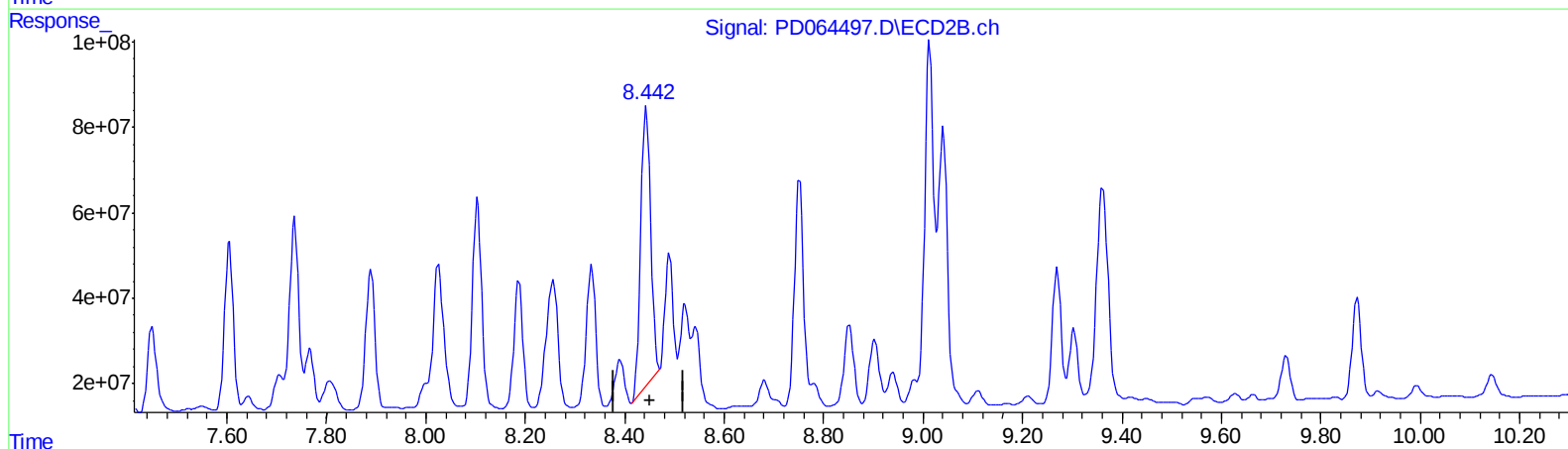
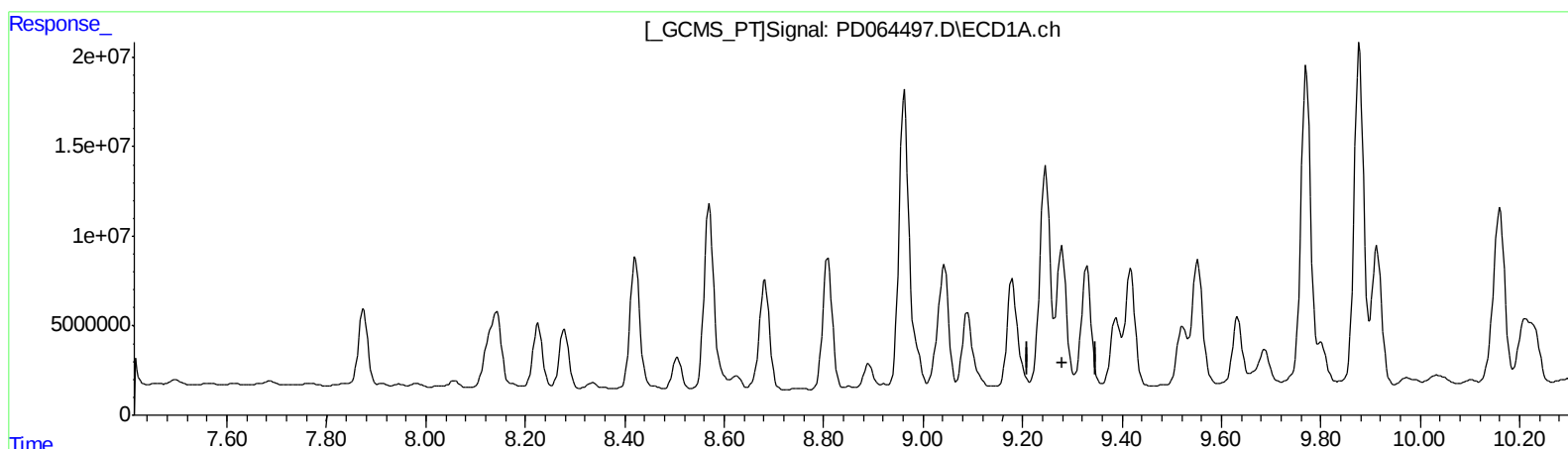
Instrument :
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

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

9.279min -7.586 ng/ml

response -9903409

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

8.444min 164.160 ng/ml

response 903634765

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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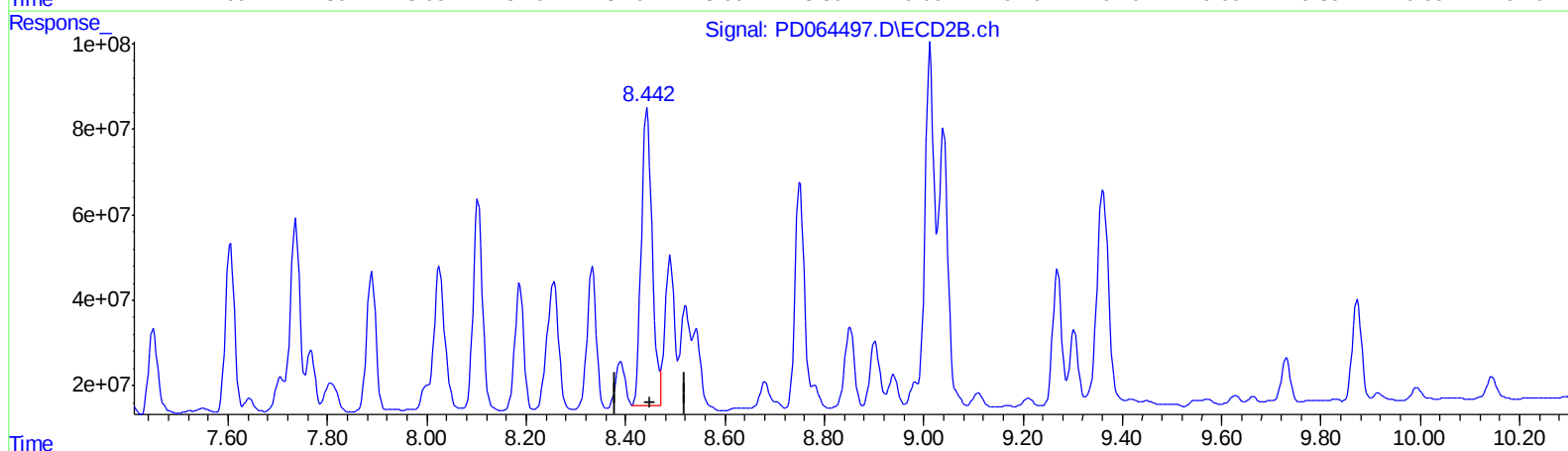
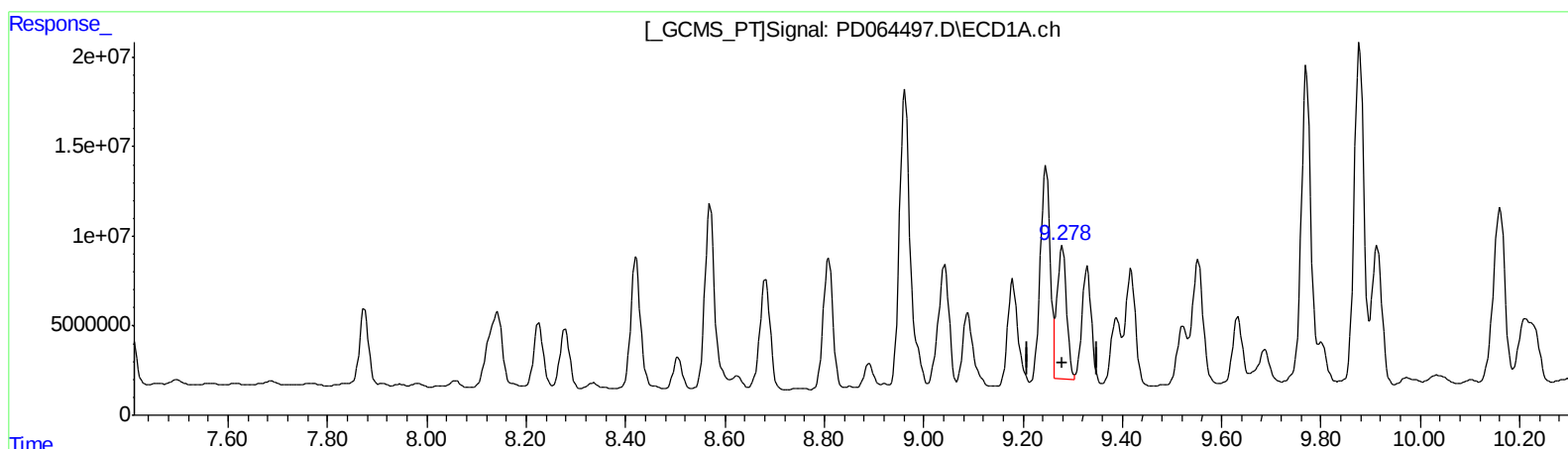
Instrument :
ECD_D
ClientSampleId :
C0024MSD

Manual Integrations
APPROVED

mohammad
7/30/2021 2:28:03 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 06:49:40 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

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

9.278min 74.122 ng/ml m

response 96763582

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

8.442min 188.528 ng/ml m

response 1037768801

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

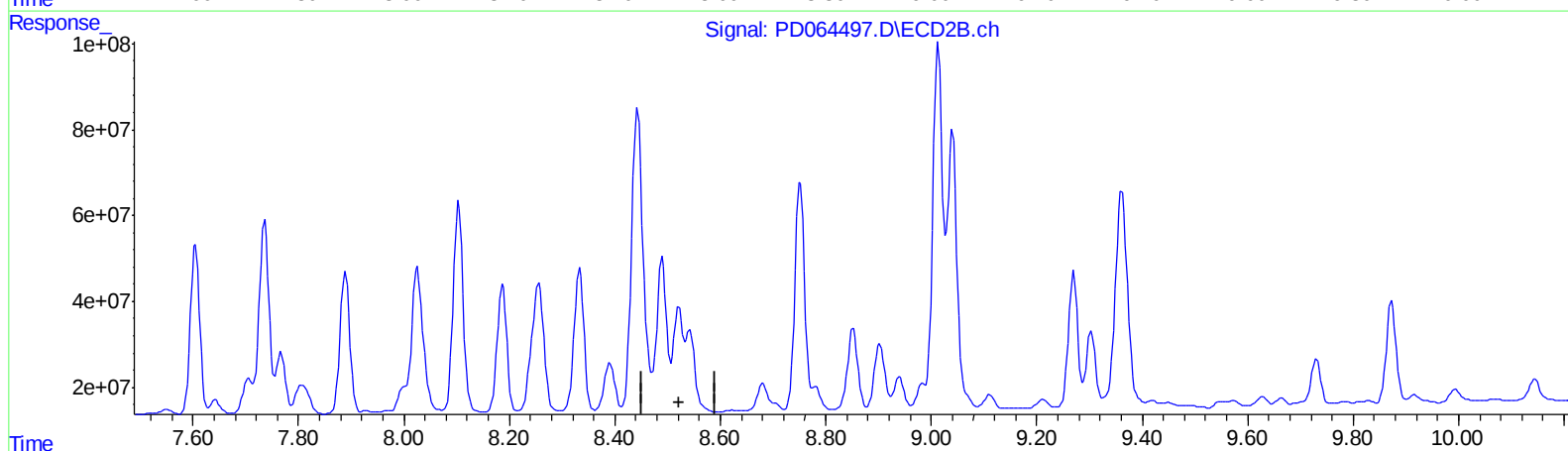
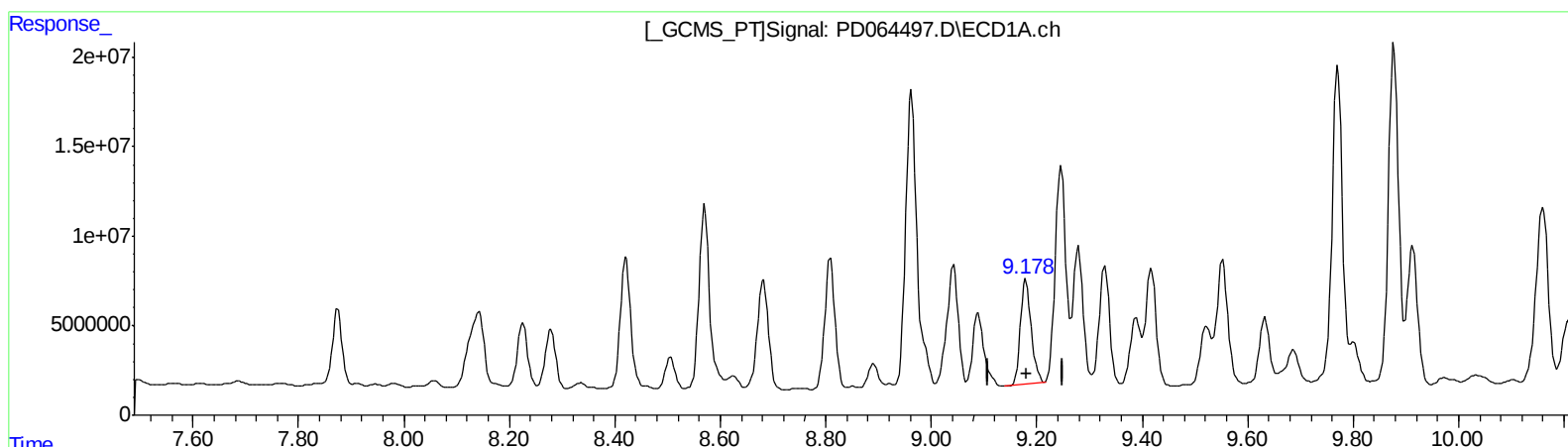
Instrument :
ECD_D
ClientSampleId :
C0024MSD

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QEdit

(18) Endrin aldehyde (B)

9.179min 73.257 ng/ml

response 82993869

(18) Endrin aldehyde #2 (B)

8.521min -19.218 ng/ml

response -94846559

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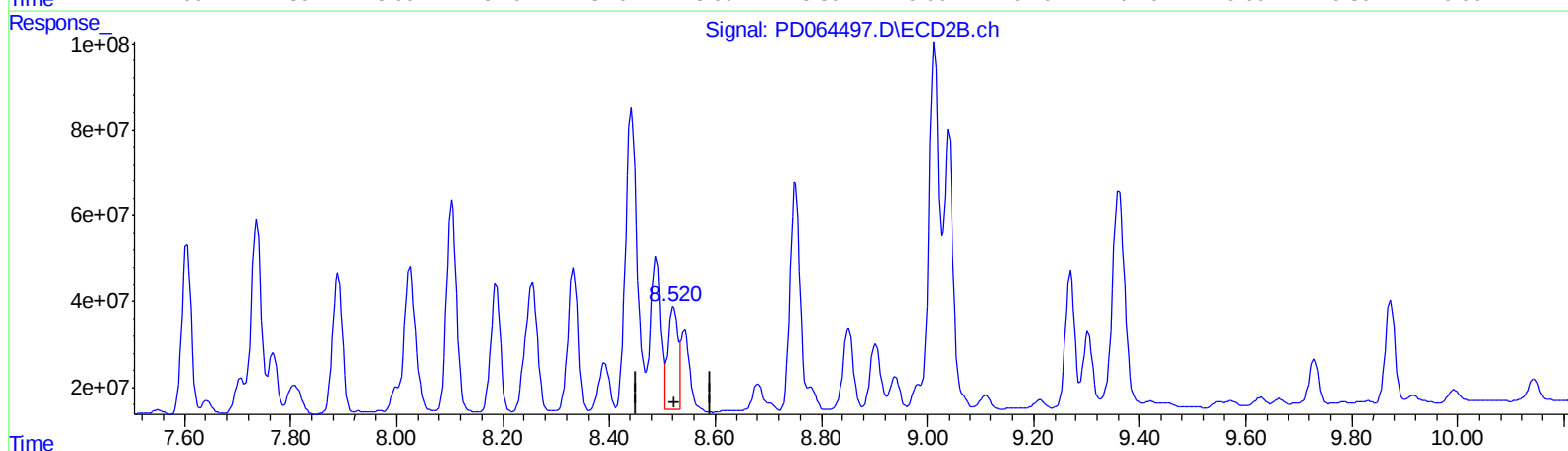
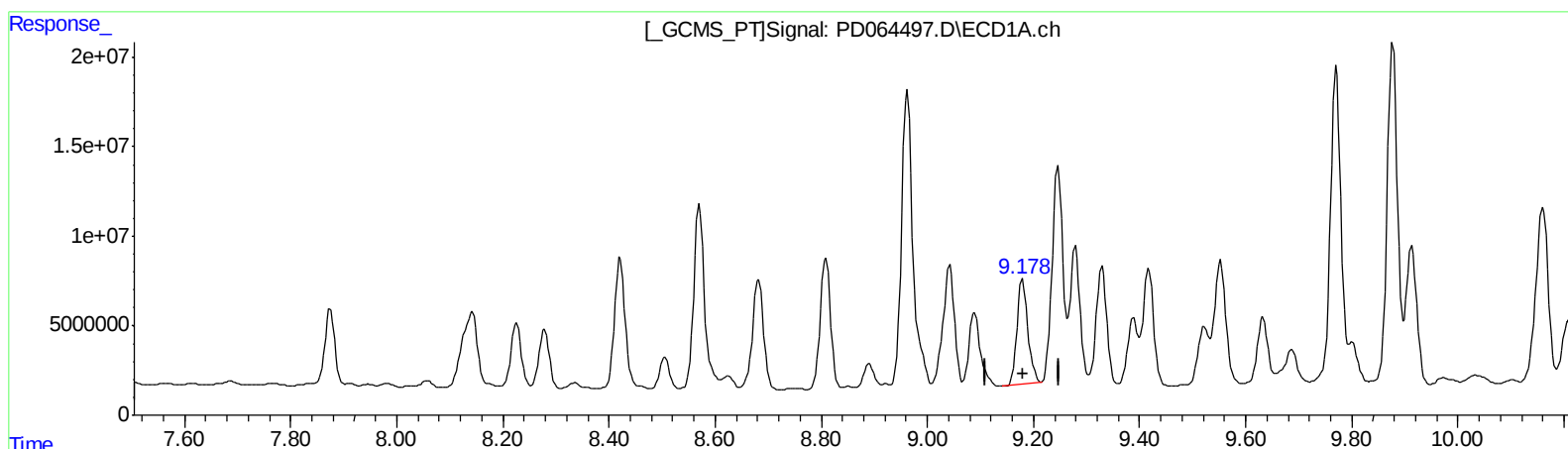
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QEdit

(18) Endrin aldehyde (B)

9.179min 73.257 ng/ml

response 82993869

(18) Endrin aldehyde #2 (B)

8.520min 63.983 ng/ml m

response 315774277

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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Acq On : 29 Jul 2021 06:02
Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

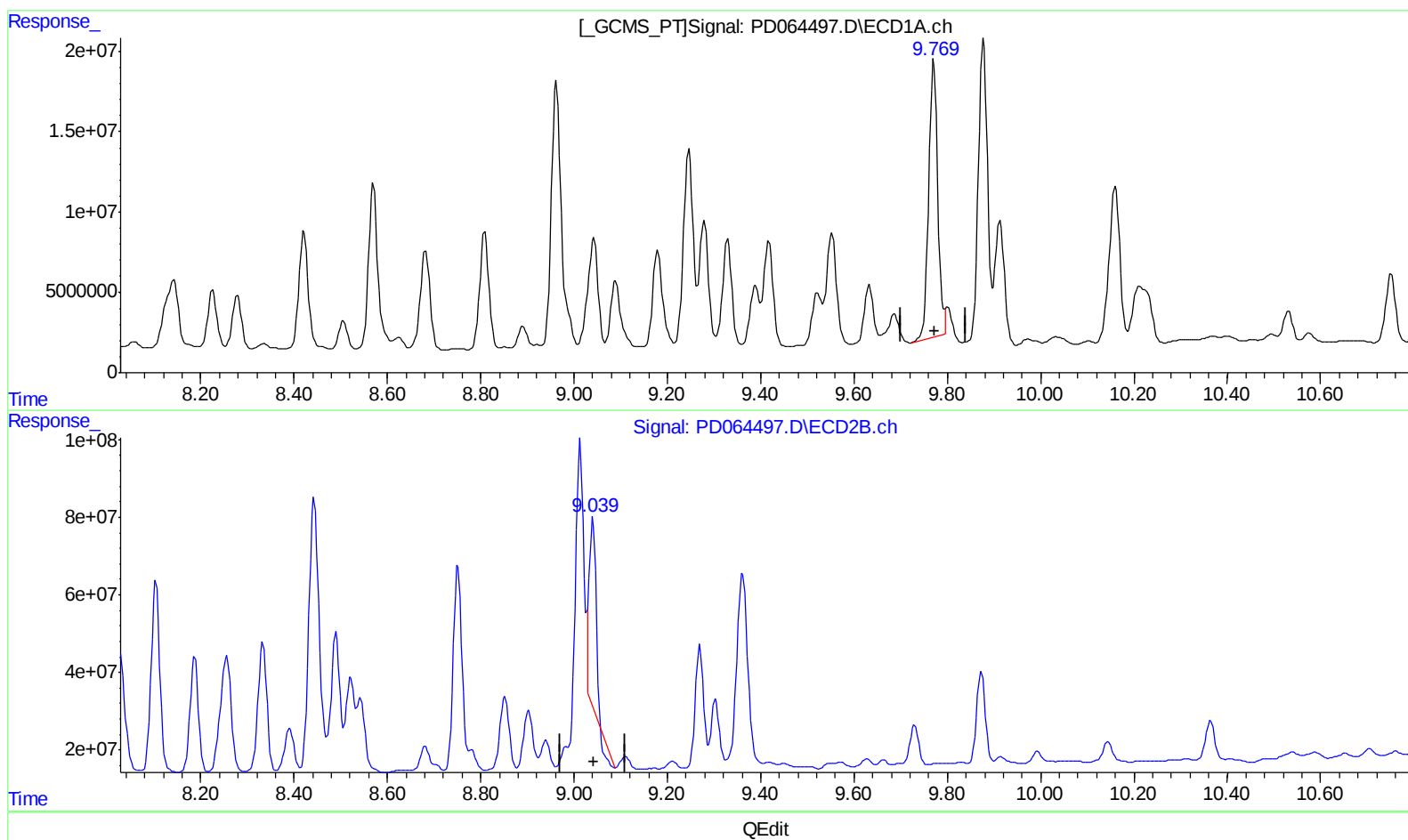
Instrument :
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ClientSampleId :
C0024MSD

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



(20) Methoxychlor (A)
9.771min 322.183 ng/ml
response 230542064

(20) Methoxychlor #2 (A)
9.040min 191.543 ng/ml
response 490466172

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

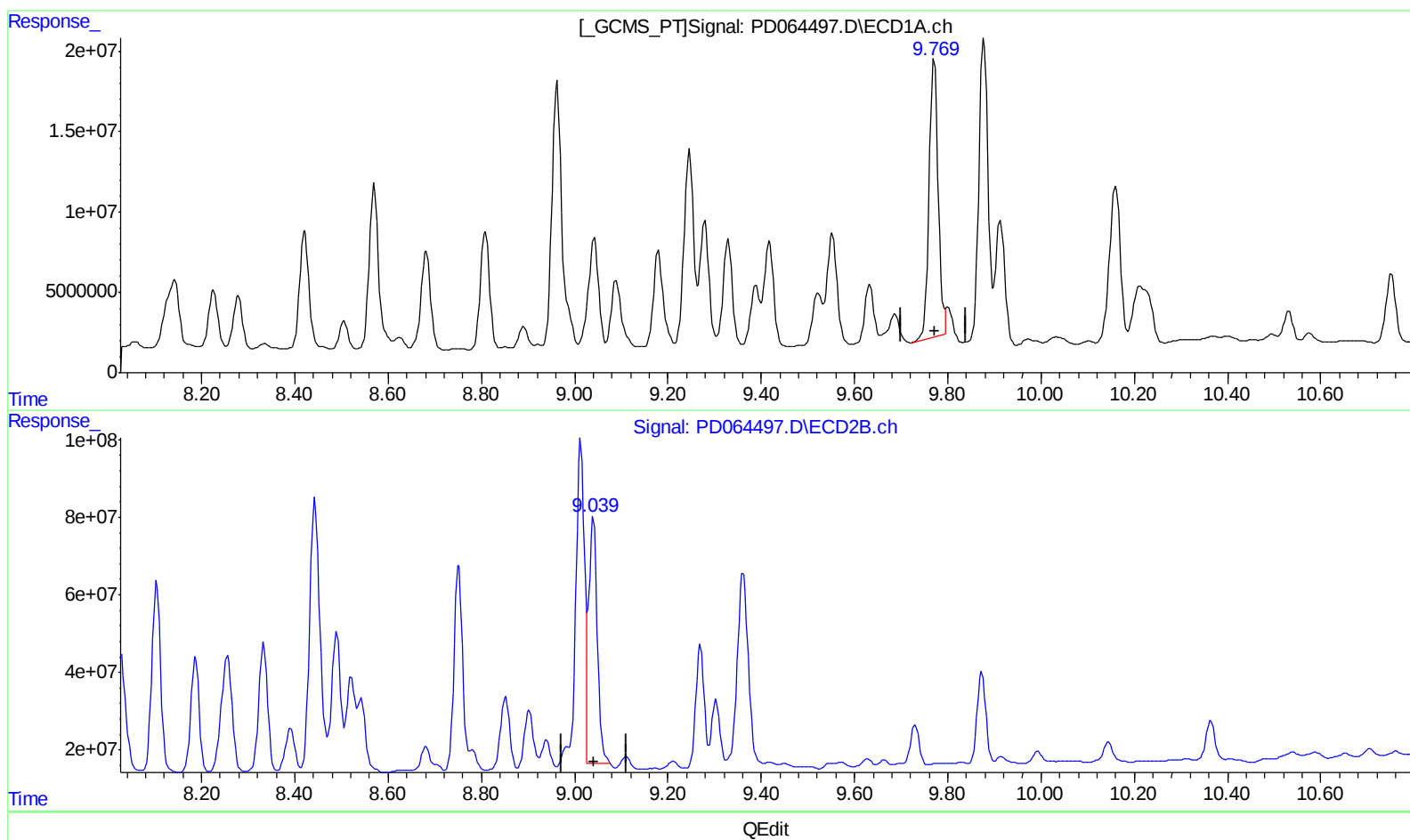
Instrument :
ECD_D
ClientSampleId :
C0024MSD

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



(20) Methoxychlor (A)
9.771min 322.183 ng/ml
response 230542064

(20) Methoxychlor #2 (A)
9.039min 315.835 ng/ml m
response 808728989

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

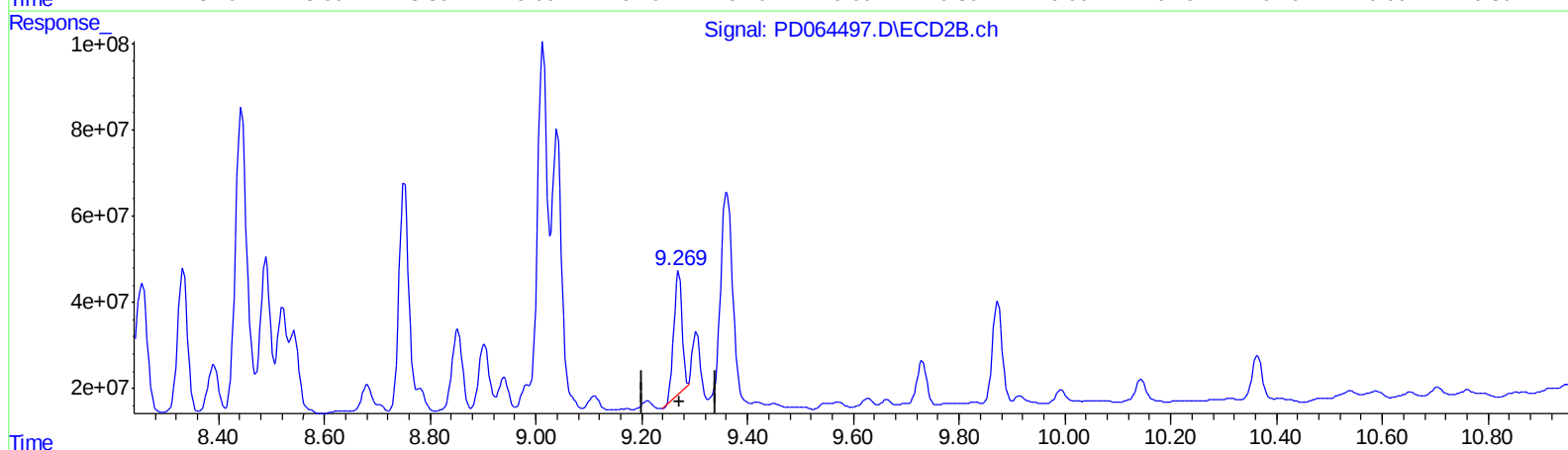
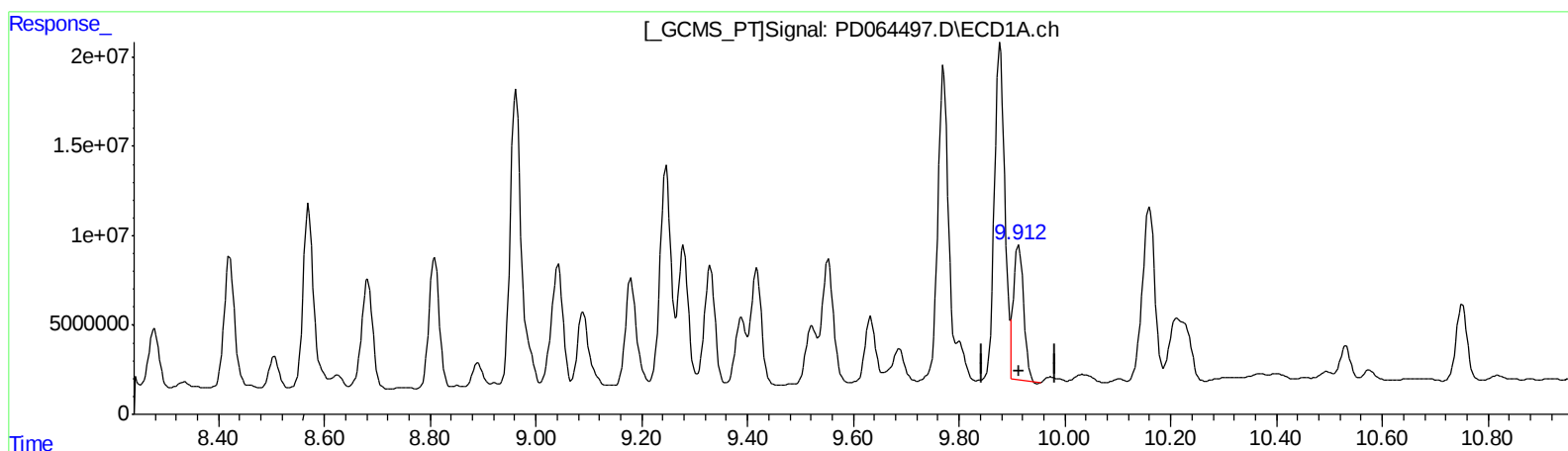
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ClientSampleId :
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(21) Endrin ketone (B)

9.913min 67.814 ng/ml

response 102595749

(21) Endrin ketone #2 (B)

9.270min 51.610 ng/ml

response 309578819

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
Data File : PD064497.D
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Operator : AR\AJ
Sample : M3084-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

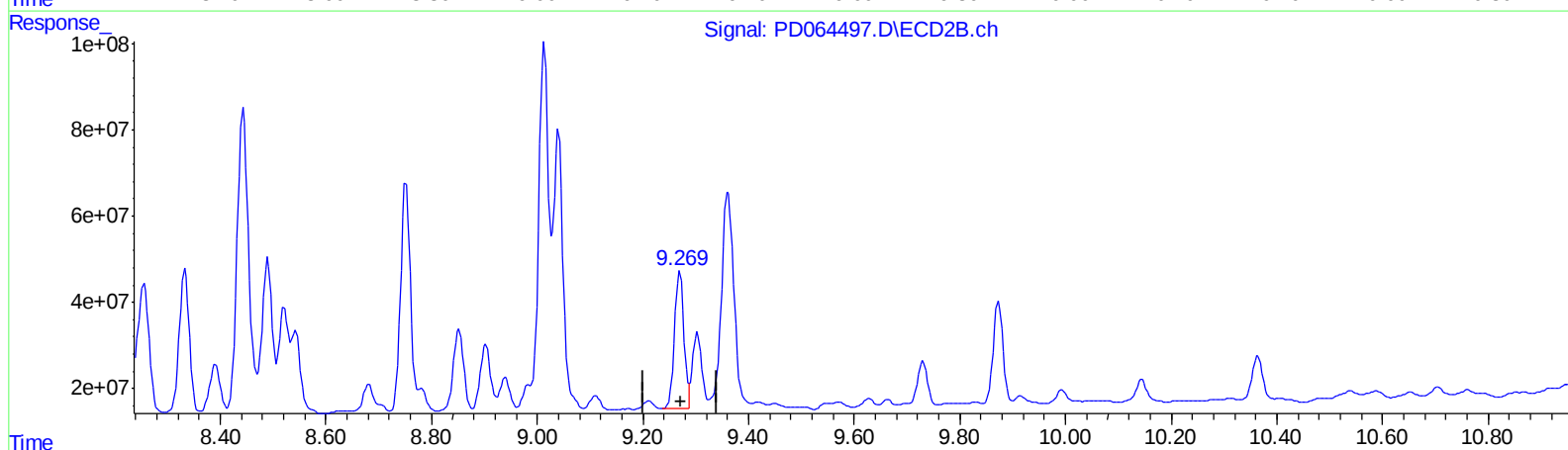
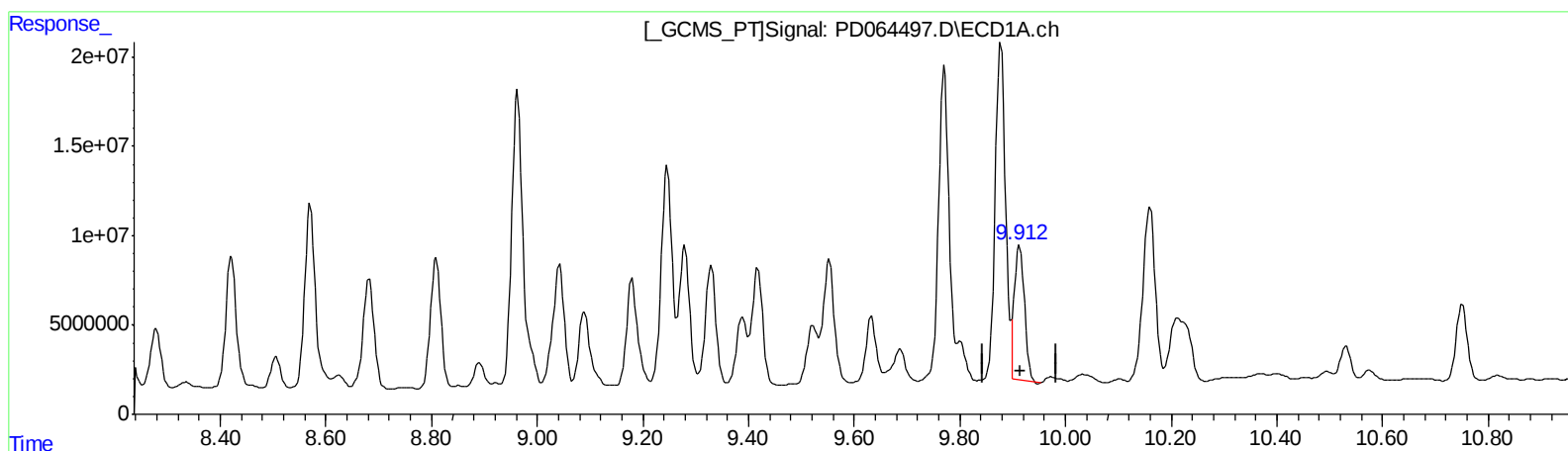
Instrument :
ECD_D
ClientSampleId :
C0024MSD

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Volume Inj. : 1 µl
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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 67.814 ng/ml

response 102595749

(21) Endrin ketone #2 (B)

9.269min 65.368 ng/ml m

response 392101632

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
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 Acq On : 29 Jul 2021 06:02
 Operator : AR\AJ
 Sample : M3084-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleID :
 C0024MSD

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.406	4.620	13956299	129.6E6	11.700	14.187
27)	SA Decachlor...	11.305	10.364	23982946	135.5E6	18.219	22.789 #
Target Compounds							
2)	A alpha-BHC	5.988	5.322	56206108	419.3E6	34.502	34.022
3)	MA gamma-BHC...	6.385	5.741	52229388	380.9E6	33.302	33.404m
4)	MA Heptachlor	7.035	6.150	53895795	377.1E6	32.069	33.260m
5)	MB Aldrin	7.405	6.475	51213958	345.8E6	32.513	32.875
6)	B beta-BHC	6.644	6.116	23949152	177.6E6	30.697	29.278m
7)	B delta-BHC	6.909	6.378	52530954	360.3E6	30.187	33.165
8)	B Heptachlo...	7.875	7.048	55217947	289.4E6	32.162	31.265
9)	A Endosulfan I	8.279	7.450	42950975	250.0E6	30.469	32.508
10)	B trans-Chl...	8.141	7.321	80893443	429.3E6	50.480m	47.334m
11)	B cis-Chlor...	8.226	7.393	44994823	273.8E6	28.878	30.780
12)	B 4,4'-DDE	8.421	7.605	98471518	485.2E6	68.321	64.311
13)	MA Dieldrin	8.570	7.735	135.1E6	595.5E6	90.624	74.147m
14)	MA Endrin	8.809	8.024	99186511	509.9E6	77.466	88.757m
15)	B Endosulfa...	9.043	8.334	96203709	427.0E6	74.083	73.979
16)	A 4,4'-DDD	8.961	8.188	228.6E6	374.3E6	186.264m	64.980 #
17)	MA 4,4'-DDT	9.278	8.442	96763582	1037.8E6	74.122m	188.528m#
18)	B Endrin al...	9.179	8.520	82993869	315.8E6	73.257	63.983m
19)	B Endosulfa...	9.418	8.751	83395534	652.2E6	60.511	121.002 #
20)	A Methoxychlor	9.771	9.039	230.5E6	808.7E6	322.183	315.835m
21)	B Endrin ke...	9.913	9.269	102.6E6	392.1E6	67.814	65.368m

AJ
 08/02/21

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