

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051921\
 Data File : PD063091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2021 23:21
 Operator : AR\AJ
 Sample : M2383-10MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 KTW-02MSD

Manual Integrations
 APPROVED

Ankita
 5/27/2021 9:12:27 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 07:24:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
 Quant Title : GC Extractables
 QLast Update : Tue May 18 07:12:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.439	3.968	28458414	417.1E6	25.836m	35.992m#
28)	SA Decachlor...	8.193	9.024	12512007	123.3E6	9.942m	12.088m
Target Compounds							
2)	A alpha-BHC	3.866	4.357	309.5E6	761.3E6	178.492m	39.537m#
3)	MA gamma-BHC...	4.160	4.642	137.0E6	717.9E6	84.283m	41.598m#
4)	MA Heptachlor	4.460	5.149	65784344	768.0E6	41.819	46.322m
5)	MB Aldrin	4.708	5.455	69190769	644.9E6	45.164	38.638
6)	B beta-BHC	4.411	4.817	50041141	461.7E6	66.827	62.250
7)	B delta-BHC	4.614	5.030	87866186	753.1E6	53.304m	53.902
8)	B Heptachlo...	5.150	5.841	72744663	622.0E6	50.479m	40.666
9)	A Endosulfan I	5.490	6.198	59625258	648.6E6	43.939	45.658
10)	B gamma-Chl...	5.378	6.073	68692588	673.2E6	46.832	43.185m
11)	B alpha-Chl...	5.437	6.147	71685499	750.4E6	49.652	50.636
12)	B 4,4'-DDE	5.599	6.304	61086411	544.1E6	42.580m	36.049
13)	MA Dieldrin	5.731	6.454	69626179	691.6E6	47.056m	45.612
14)	MA Endrin	5.990	6.671	65586590	568.7E6	49.038m	44.574
15)	B Endosulfa...	6.263	6.881	59604160	475.1E6	47.909m	39.617
16)	A 4,4'-DDD	6.115	6.794	58297629	549.3E6	48.462m	45.279
17)	MA 4,4'-DDT	6.357	7.092	52128385	483.8E6	45.608	42.902
18)	B Endrin al...	6.432	7.005	46772770	399.5E6	44.002	39.225
19)	B Endosulfa...	6.645	7.227	61962177	535.1E6	51.409m	43.613
20)	A Methoxychlor	6.904	7.549	28805290	227.1E6	42.925	39.594m
21)	B Endrin ke...	7.138	7.697	70915991	570.4E6	47.990	47.548
22)	Mirex	7.326	8.152	48182573	293.3E6	44.904	38.567

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051921\
Data File : PD063091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2021 23:21
Operator : AR\AJ
Sample : M2383-10MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

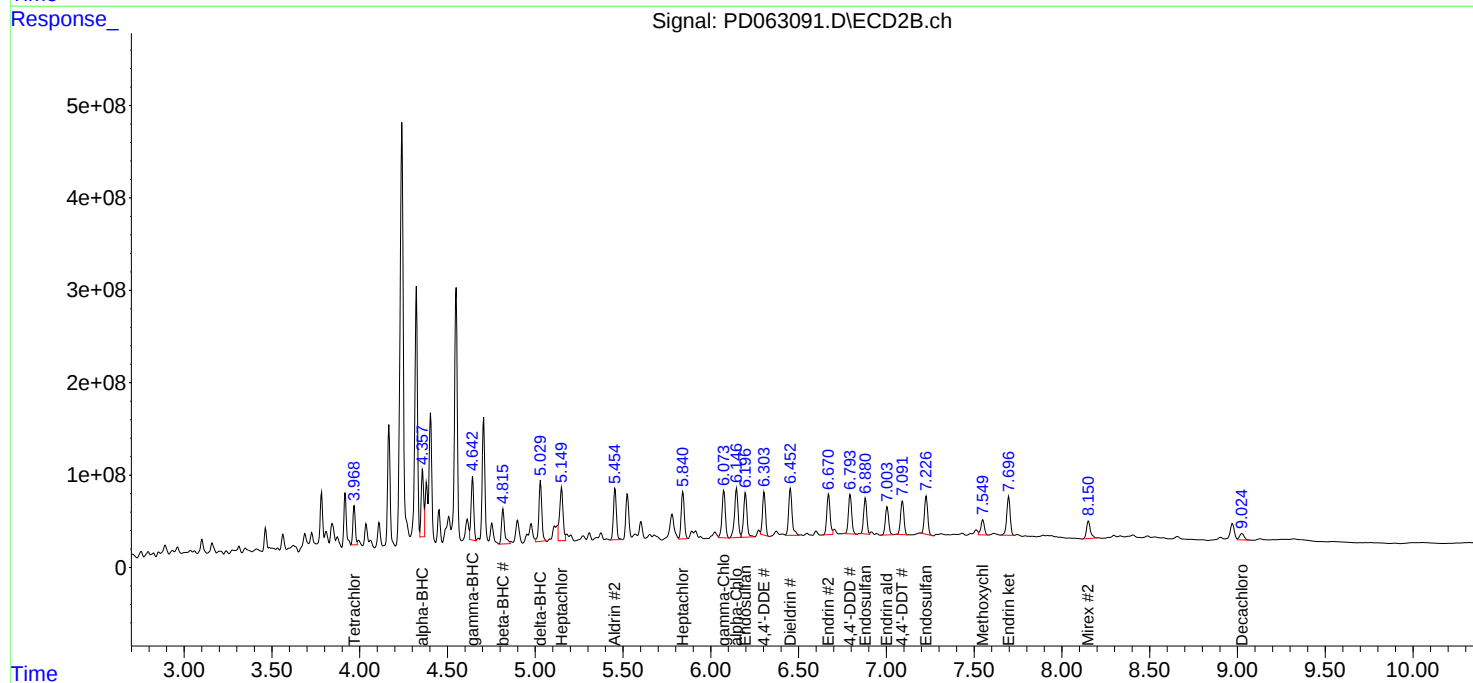
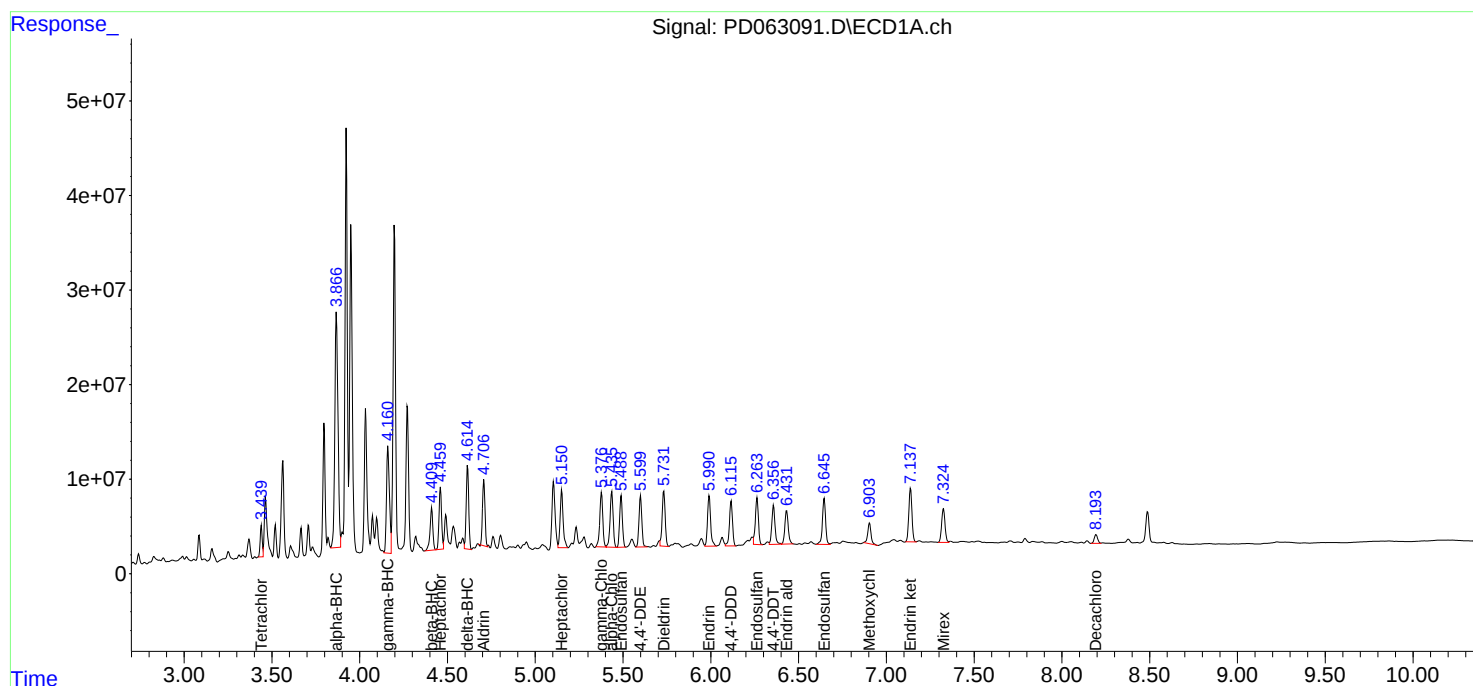
Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

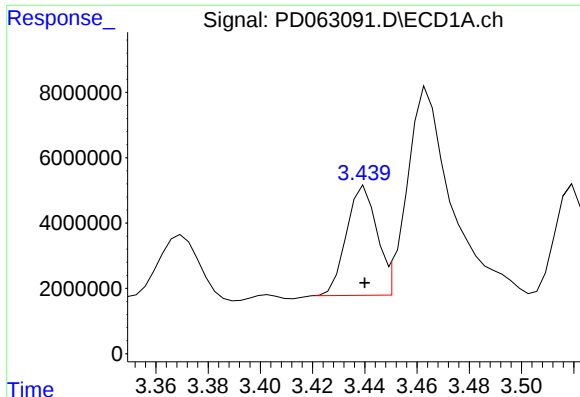
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 07:24:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
Quant Title : GC Extractables
QLast Update : Tue May 18 07:12:39 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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





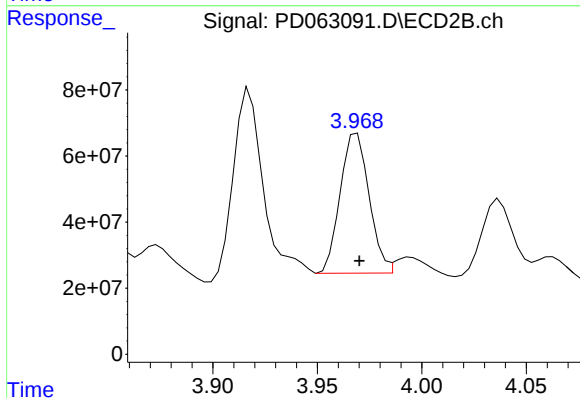
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: -0.001 min
Response: 28458414
Conc: 25.84 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

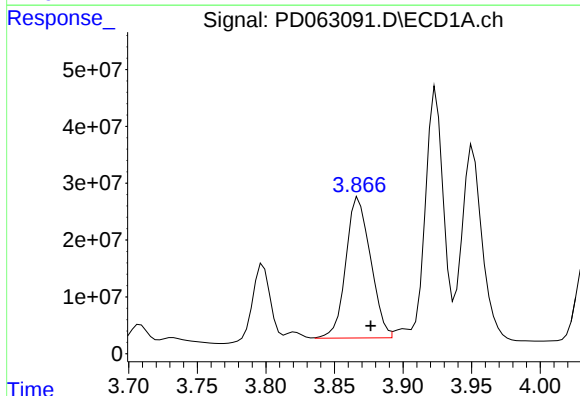
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



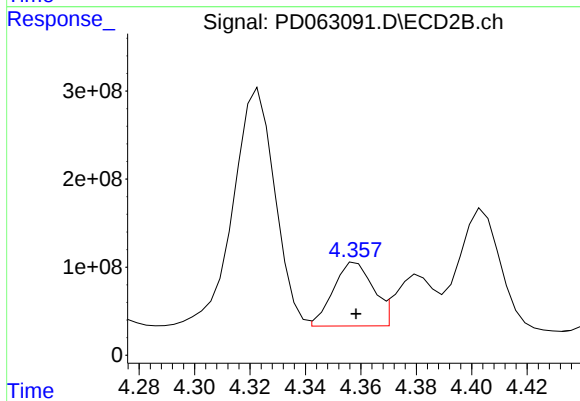
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 417076127
Conc: 35.99 ng/ml m



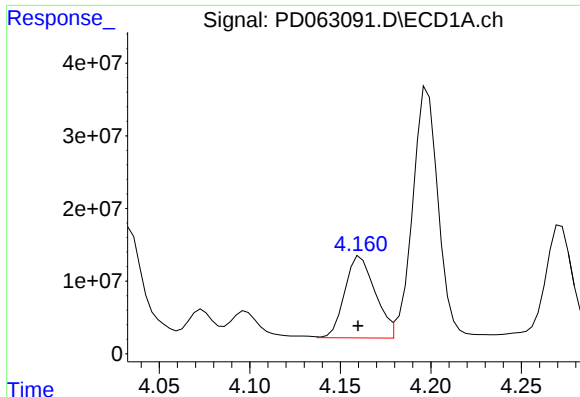
#2 alpha-BHC

R.T.: 3.866 min
Delta R.T.: -0.010 min
Response: 309481051
Conc: 178.49 ng/ml m



#2 alpha-BHC

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 761269856
Conc: 39.54 ng/ml m



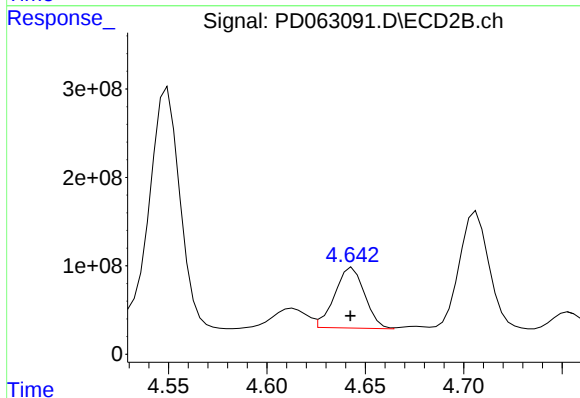
#3 gamma-BHC (Lindane)

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 137032885
Conc: 84.28 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

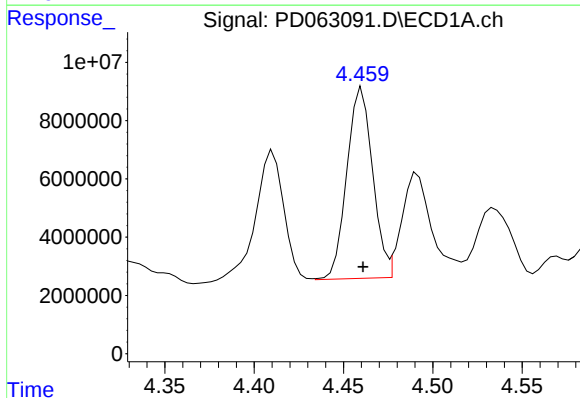
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



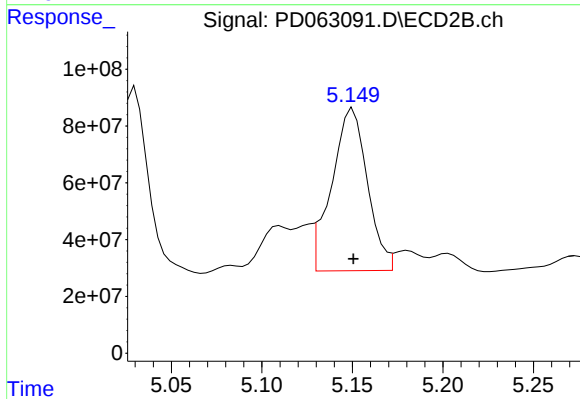
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 717941425
Conc: 41.60 ng/ml m



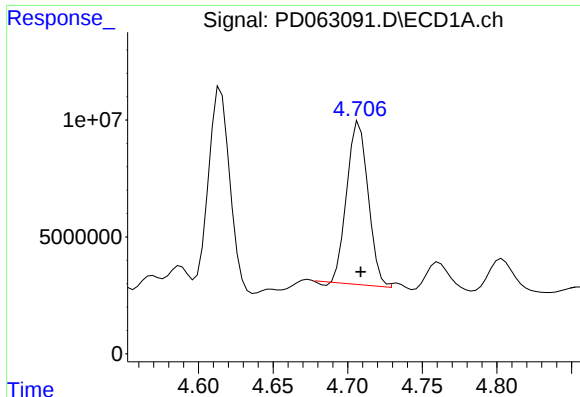
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 65784344
Conc: 41.82 ng/ml



#4 Heptachlor

R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 768044931
Conc: 46.32 ng/ml m



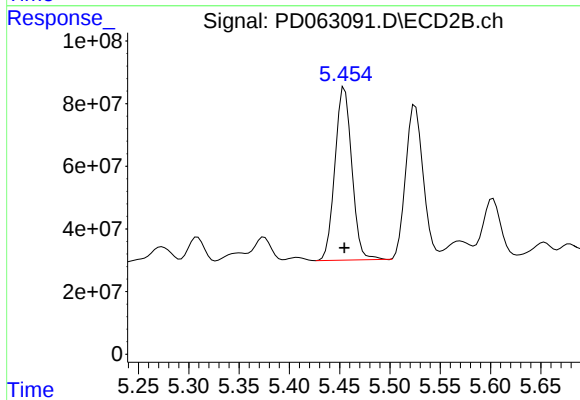
#5 Aldrin

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 69190769
Conc: 45.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

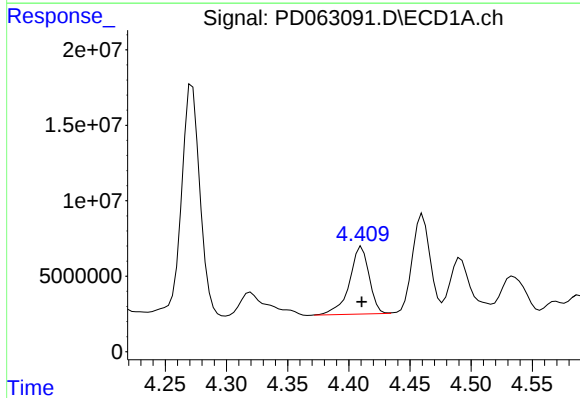
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



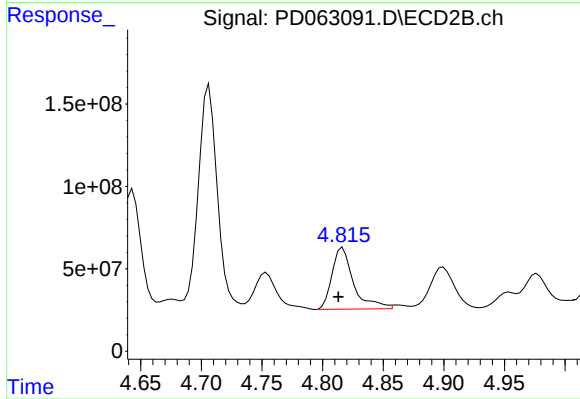
#5 Aldrin

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 644939845
Conc: 38.64 ng/ml



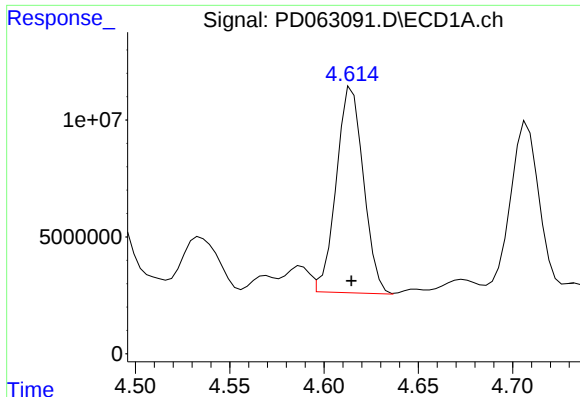
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 50041141
Conc: 66.83 ng/ml



#6 beta-BHC

R.T.: 4.817 min
Delta R.T.: 0.003 min
Response: 461741281
Conc: 62.25 ng/ml



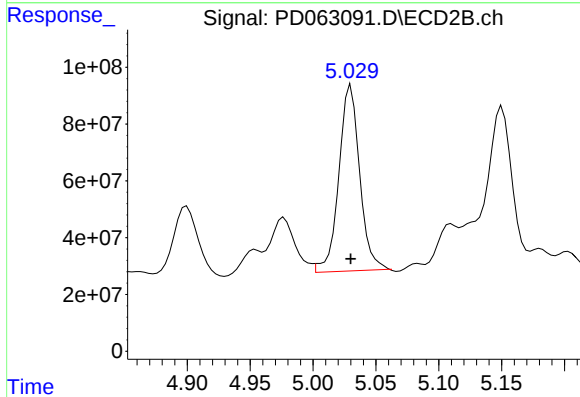
#7 delta-BHC

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 87866186
Conc: 53.30 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

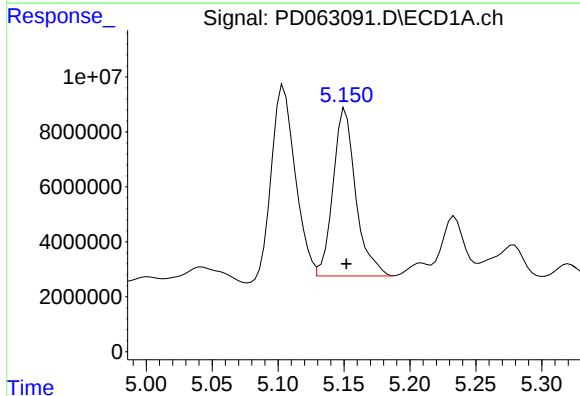
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



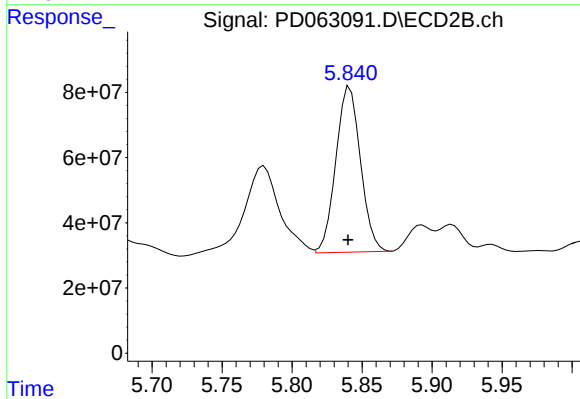
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 753121337
Conc: 53.90 ng/ml



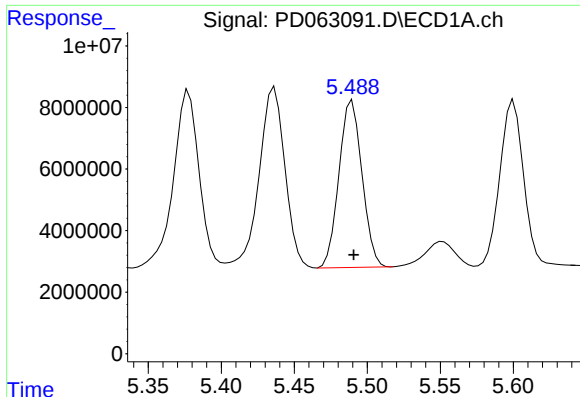
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 72744663
Conc: 50.48 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.841 min
Delta R.T.: 0.001 min
Response: 622009444
Conc: 40.67 ng/ml



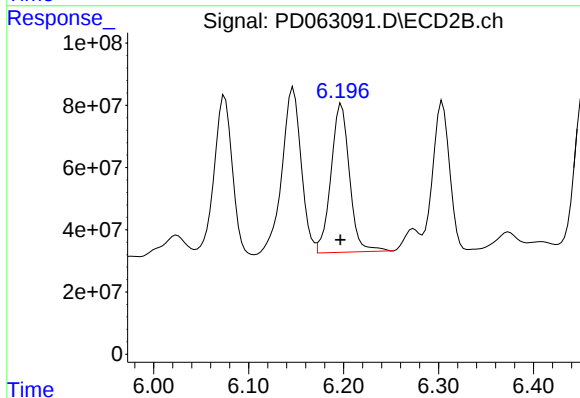
#9 Endosulfan I

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 59625258
Conc: 43.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

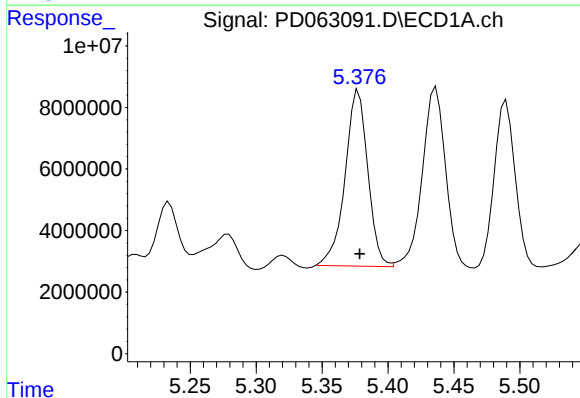
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



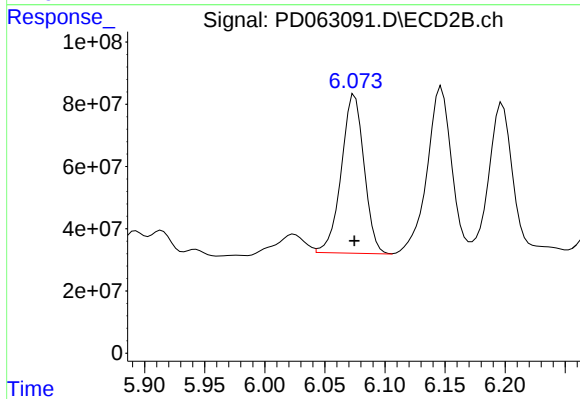
#9 Endosulfan I

R.T.: 6.198 min
Delta R.T.: 0.001 min
Response: 648559735
Conc: 45.66 ng/ml



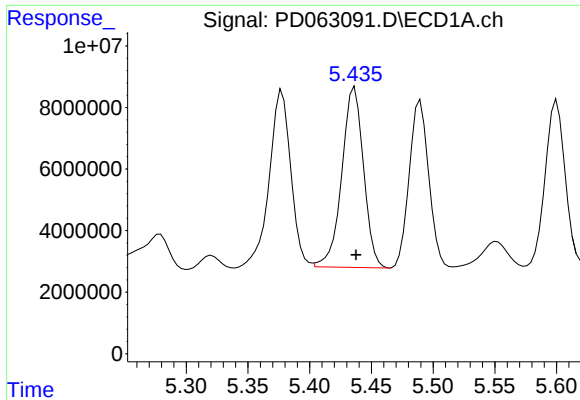
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 68692588
Conc: 46.83 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 673204179
Conc: 43.19 ng/ml m



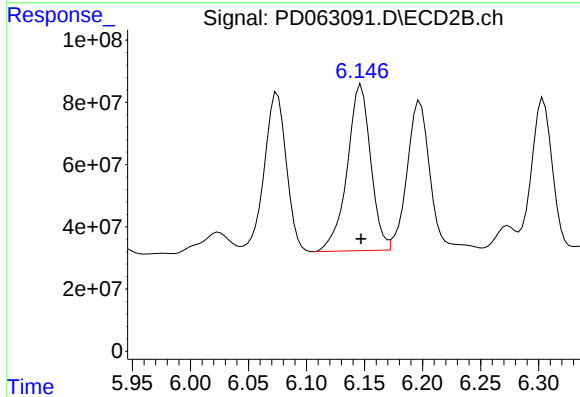
#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 71685499
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

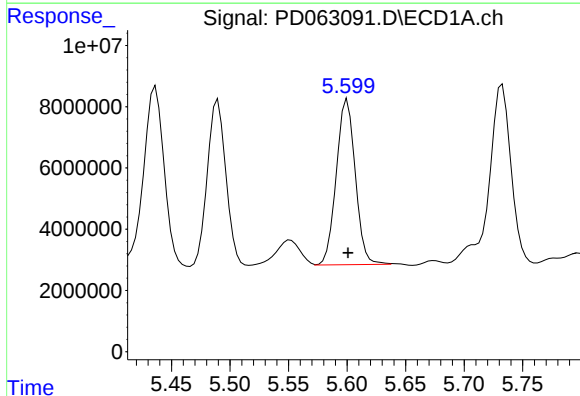
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



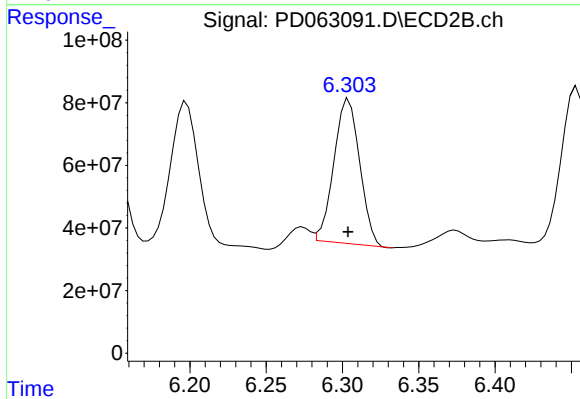
#11 alpha-Chlordane

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 750402807
Conc: 50.64 ng/ml



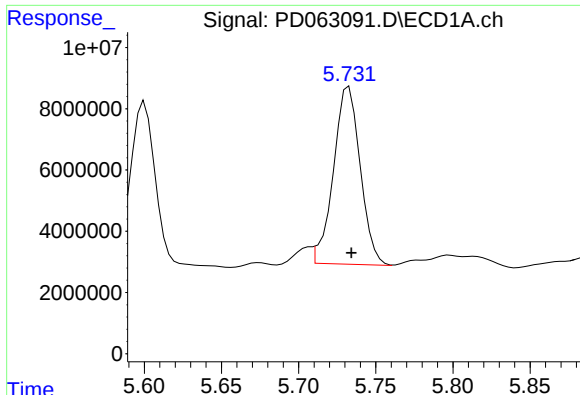
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 61086411
Conc: 42.58 ng/ml m



#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 544136499
Conc: 36.05 ng/ml



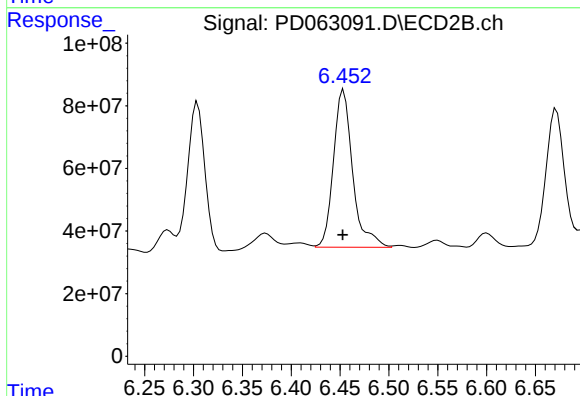
#13 Dieldrin

R.T.: 5.731 min
Delta R.T.: -0.003 min
Response: 69626179
Conc: 47.06 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

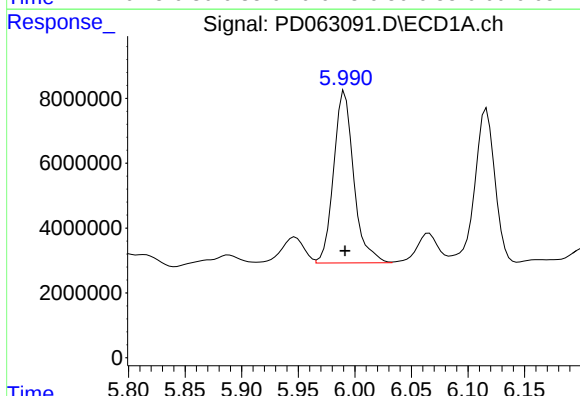
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



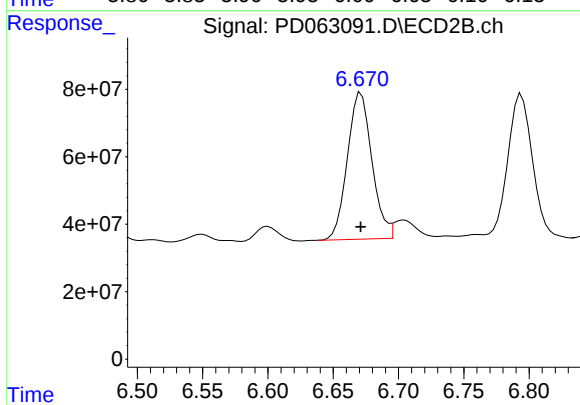
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 691628843
Conc: 45.61 ng/ml



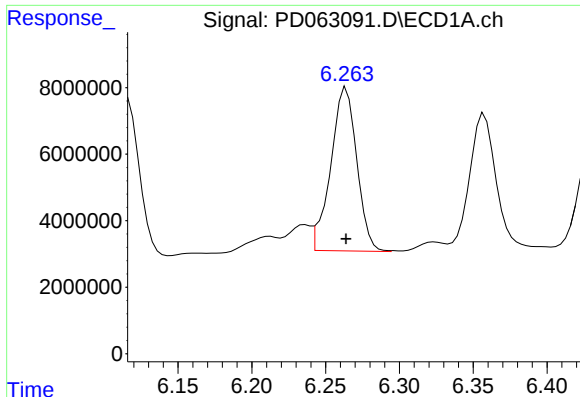
#14 Endrin

R.T.: 5.990 min
Delta R.T.: -0.002 min
Response: 65586590
Conc: 49.04 ng/ml m



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 568704748
Conc: 44.57 ng/ml



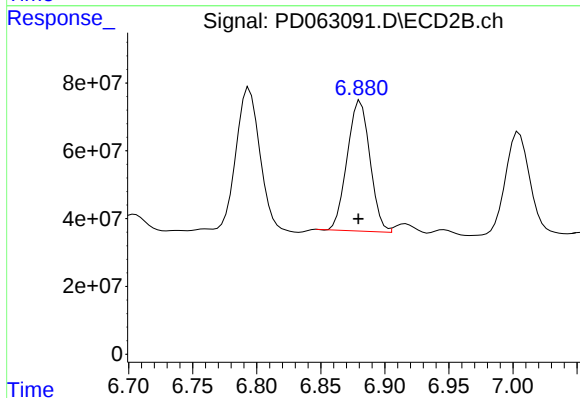
#15 Endosulfan II

R.T.: 6.263 min
Delta R.T.: -0.001 min
Response: 59604160
Conc: 47.91 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

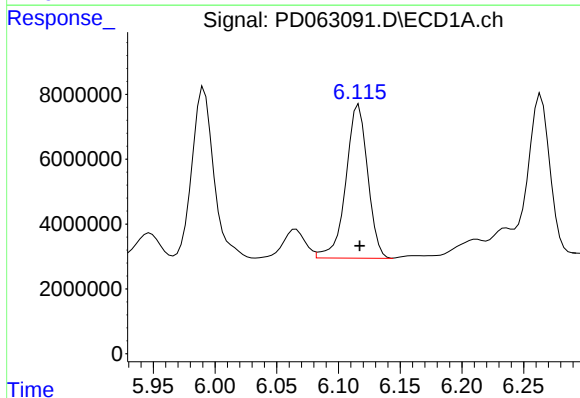
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



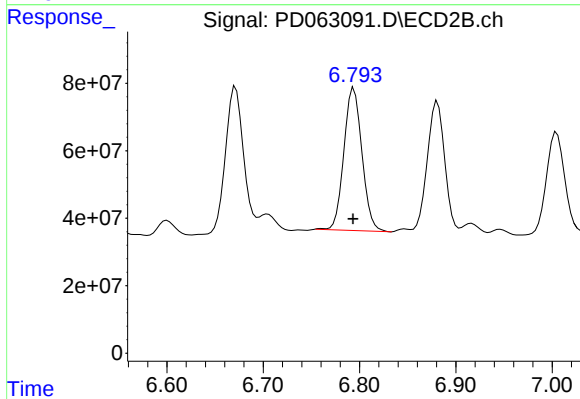
#15 Endosulfan II

R.T.: 6.881 min
Delta R.T.: 0.001 min
Response: 475072191
Conc: 39.62 ng/ml



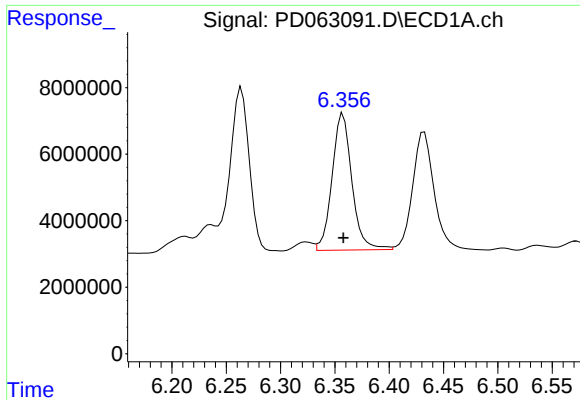
#16 4,4'-DDD

R.T.: 6.115 min
Delta R.T.: -0.002 min
Response: 58297629
Conc: 48.46 ng/ml m



#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 549344815
Conc: 45.28 ng/ml



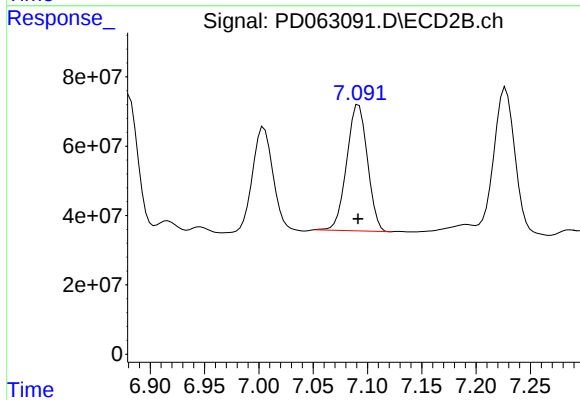
#17 4,4'-DDT

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 52128385
Conc: 45.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

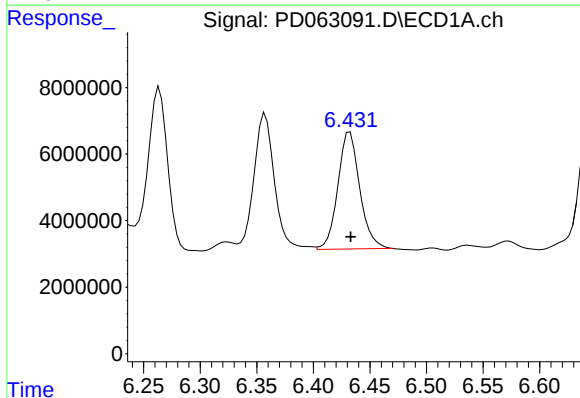
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



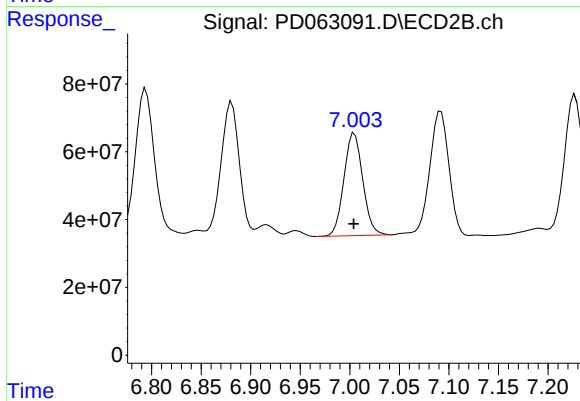
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 483755341
Conc: 42.90 ng/ml



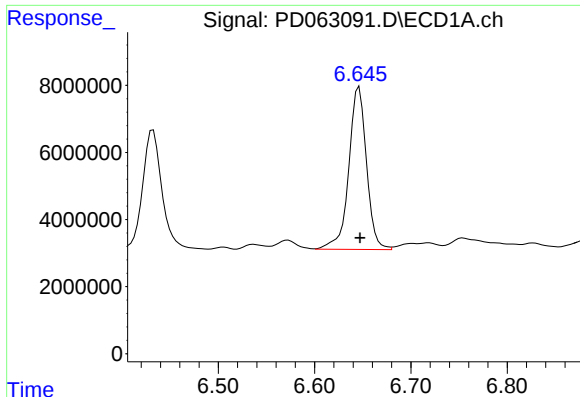
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 46772770
Conc: 44.00 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 399488655
Conc: 39.22 ng/ml



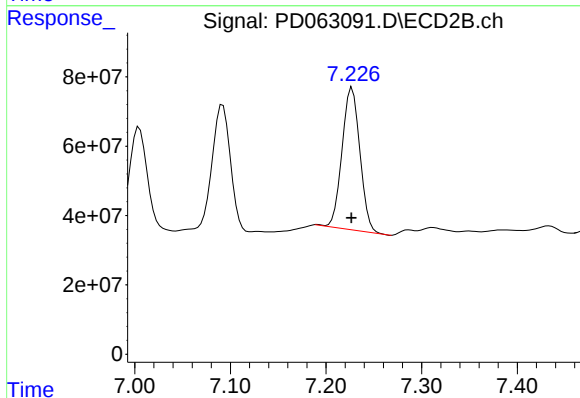
#19 Endosulfan Sulfate

R.T.: 6.645 min
Delta R.T.: -0.002 min
Response: 61962177
Conc: 51.41 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

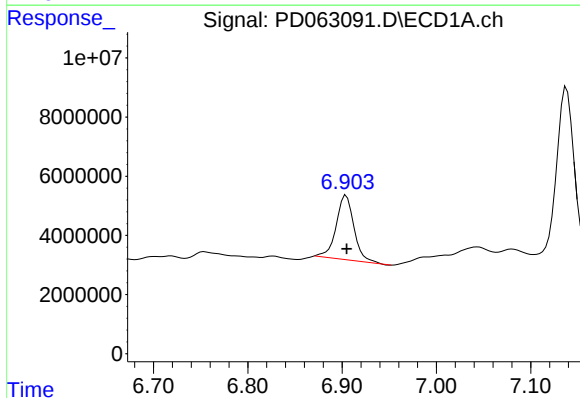
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



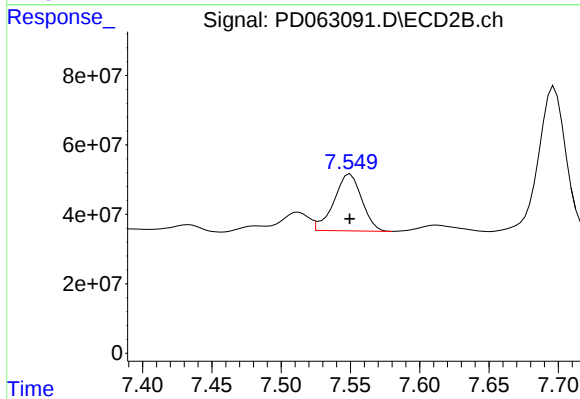
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 535129641
Conc: 43.61 ng/ml



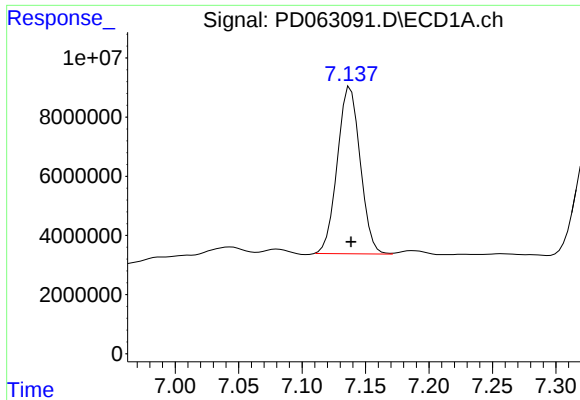
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 28805290
Conc: 42.92 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 227136201
Conc: 39.59 ng/ml m



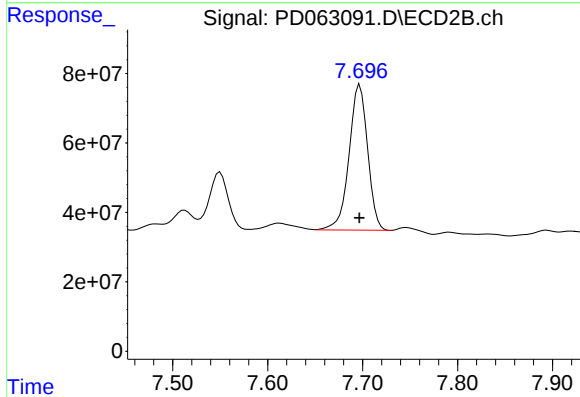
#21 Endrin ketone

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 70915991
Conc: 47.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

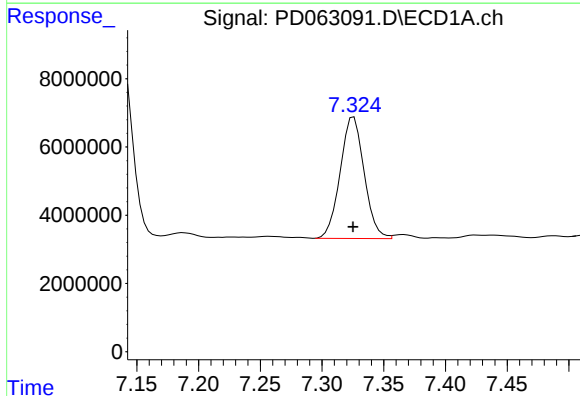
Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



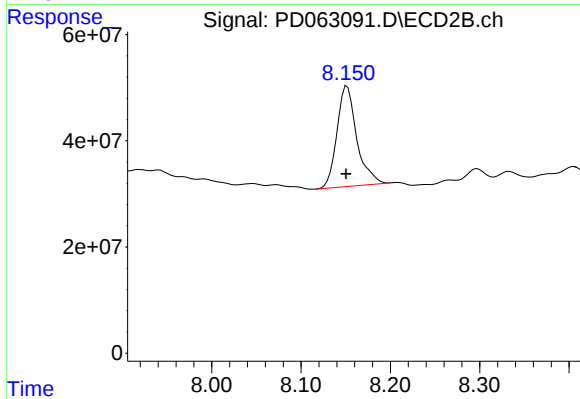
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 570353824
Conc: 47.55 ng/ml



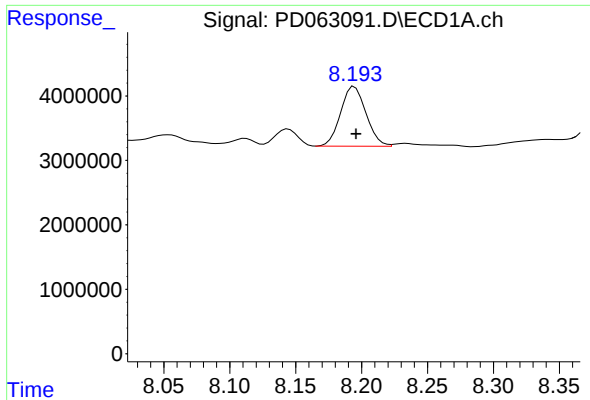
#22 Mirex

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 48182573
Conc: 44.90 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.001 min
Response: 293277841
Conc: 38.57 ng/ml



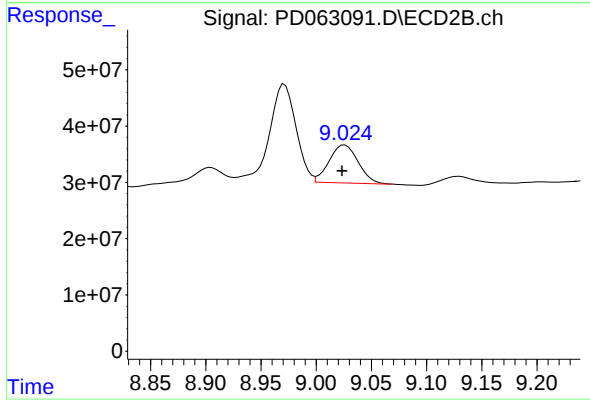
#28 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 12512007
Conc: 9.94 ng/ml m

Instrument :
ECD_D
ClientSampleId :
KTW-02MSD

Manual Integrations
APPROVED

Ankita
5/27/2021 9:12:27 AM



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 123320757
Conc: 12.09 ng/ml m