

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
 Data File : PD079206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2023 13:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/30/2023
 Supervised By : mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 22:08:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.569	2.806	74963415	115.0E6	46.429	49.669
28)	SA Decachlor...	9.116	7.955	91114023	118.0E6	45.420	48.397
Target Compounds							
2)	A alpha-BHC	4.026	3.309	127.7E6	177.3E6	47.975	51.139
3)	MA gamma-BHC...	4.360	3.639	123.9E6	173.5E6	47.672	51.094
4)	MA Heptachlor	4.953	3.982	121.9E6	159.7E6	45.581	52.299
5)	MB Aldrin	5.296	4.263	123.0E6	166.5E6	47.734	50.891
6)	B beta-BHC	4.552	3.934	49978884	71362773	46.640	50.644
7)	B delta-BHC	4.801	4.165	127.2E6	175.5E6	47.504m	52.413
8)	B Heptachlo...	5.723	4.765	110.2E6	151.4E6	47.009	51.082
9)	A Endosulfan I	6.110	5.135	102.1E6	132.7E6	47.075	50.122
10)	B gamma-Chl...	5.979	5.016	108.6E6	145.3E6	47.359	50.644
11)	B alpha-Chl...	6.058	5.080	107.6E6	143.1E6	47.184	49.847
12)	B 4,4'-DDE	6.229	5.269	100.6E6	138.9E6	47.624	52.186
13)	MA Dieldrin	6.385	5.400	110.1E6	153.4E6	47.273	51.658
14)	MA Endrin	6.616	5.675	88775532	128.7E6	45.582	50.295
15)	B Endosulfa...	6.833	5.968	94111783	129.1E6	46.142	51.716
16)	A 4,4'-DDD	6.746	5.822	82549954	118.6E6	46.958	51.936
17)	MA 4,4'-DDT	7.061	6.074	85668493	117.7E6	45.239	51.392
18)	B Endrin al...	6.961	6.147	70591292	96818396	45.711m	52.072
19)	B Endosulfa...	7.197	6.370	90959107	120.7E6	45.751	51.711
20)	A Methoxychlor	7.535	6.649	49209689	65950539	44.908	48.578
21)	B Endrin ke...	7.684	6.876	104.2E6	145.8E6	47.776	52.134
22)	Mirex	8.160	7.062	78361983	108.0E6	46.295	50.573

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
Data File : PD079206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 13:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

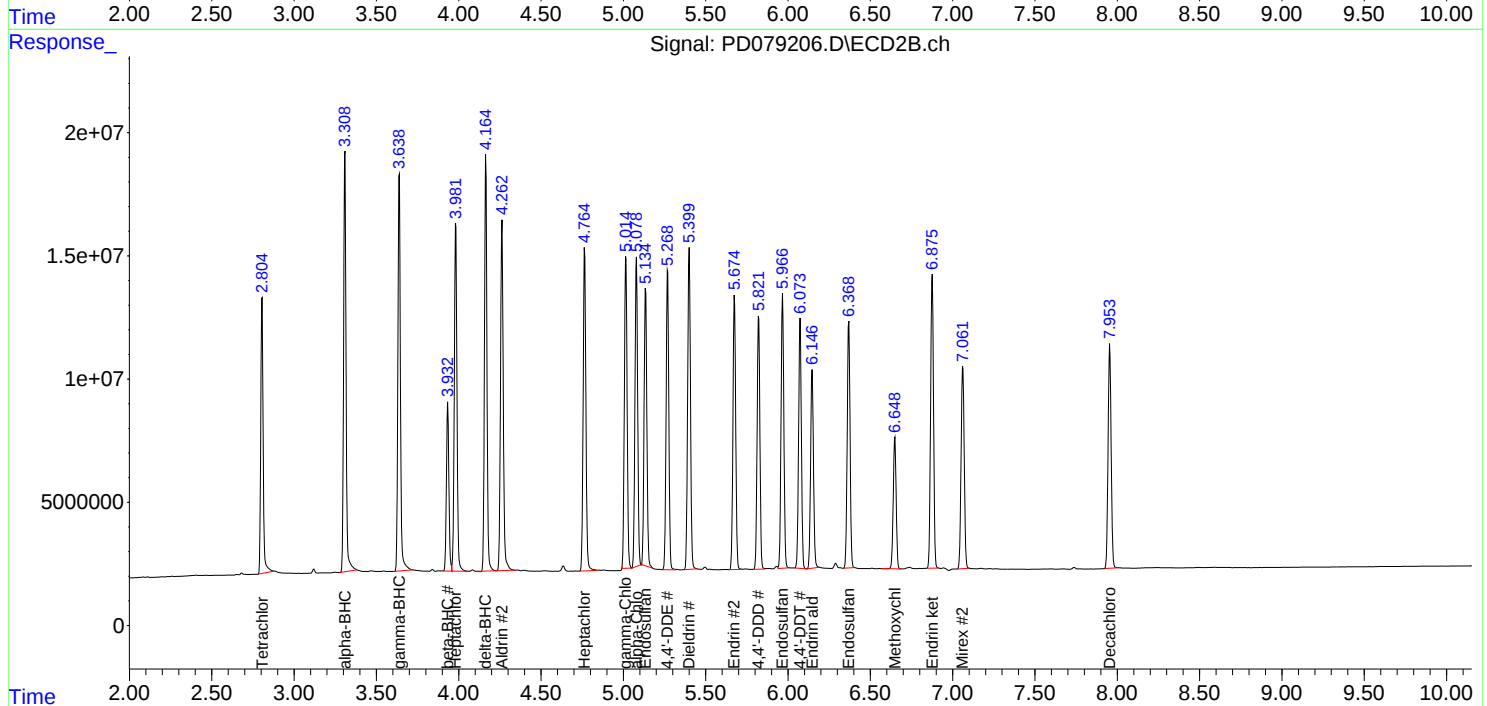
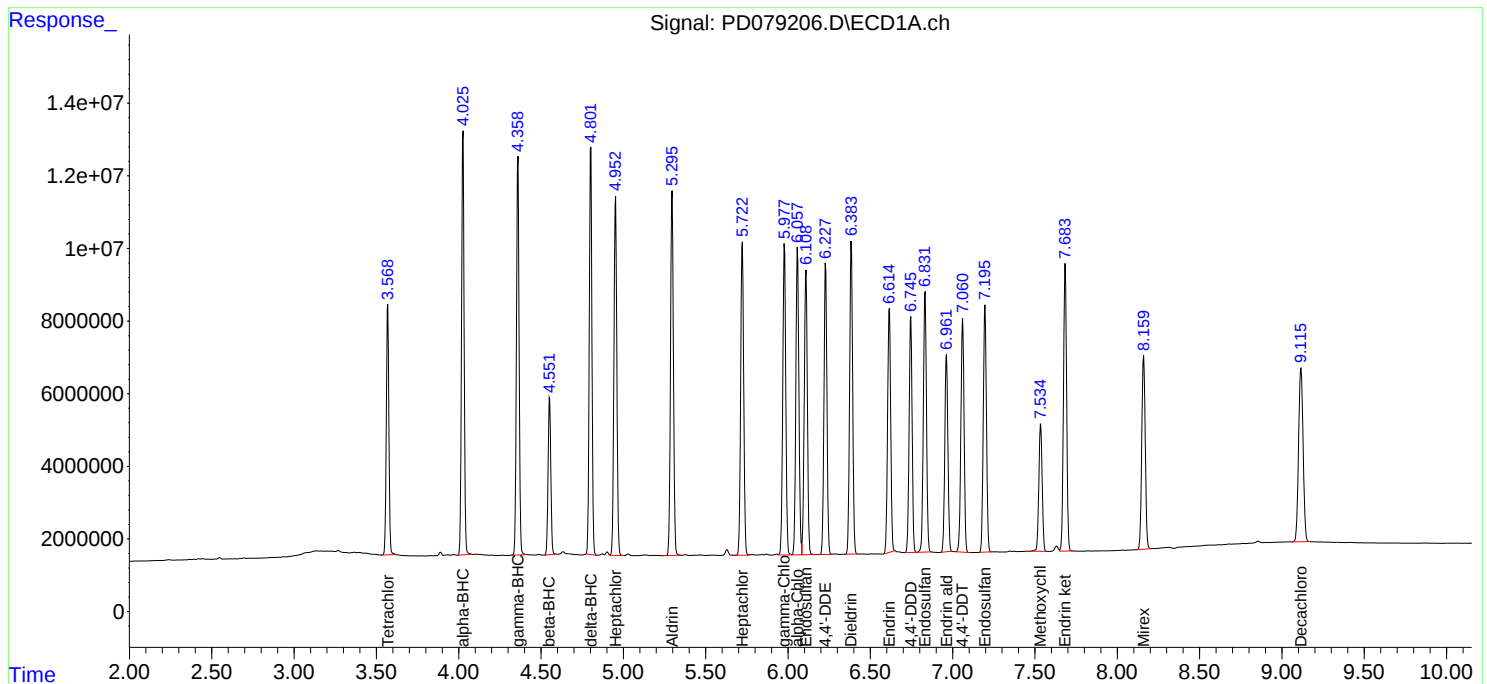
APPROVED

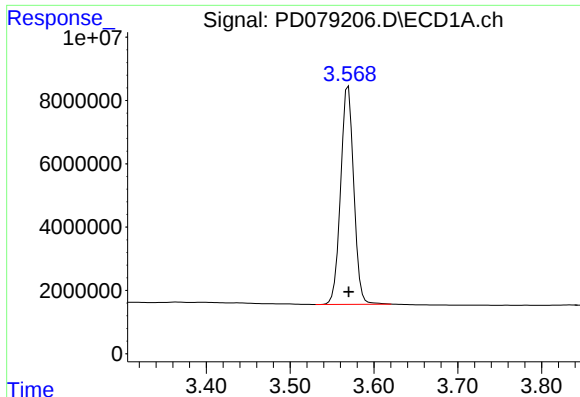
Reviewed By :Abdul Mirza 10/30/2023

Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 22:08:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





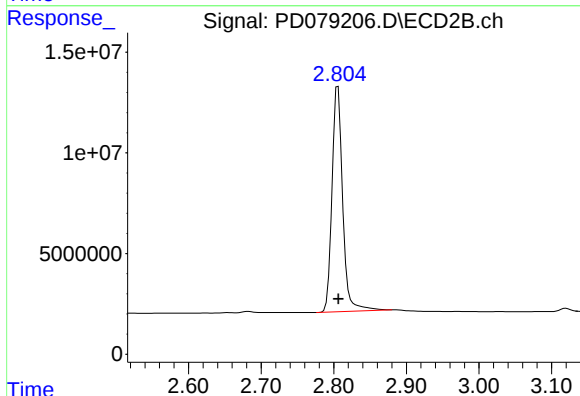
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 74963415
Conc: 46.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

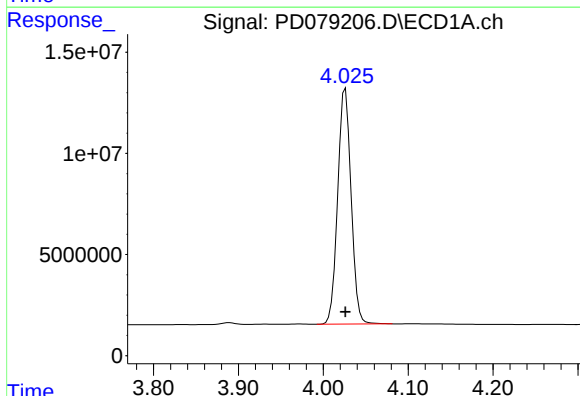
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



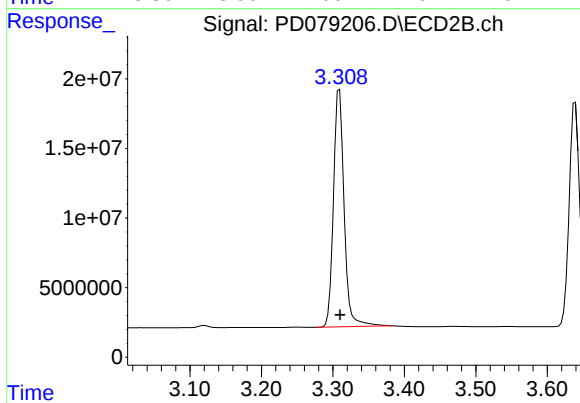
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 114996831
Conc: 49.67 ng/ml



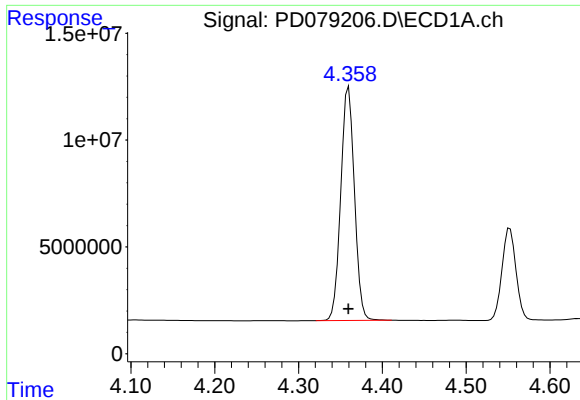
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 127711662
Conc: 47.97 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 177320556
Conc: 51.14 ng/ml



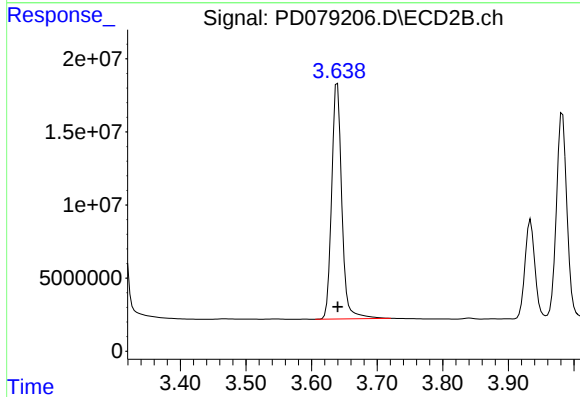
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 123891192
Conc: 47.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

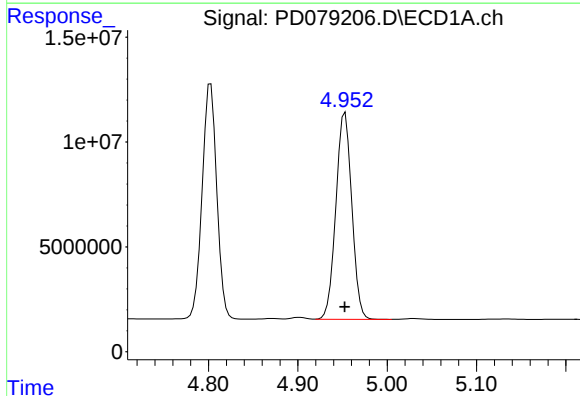
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



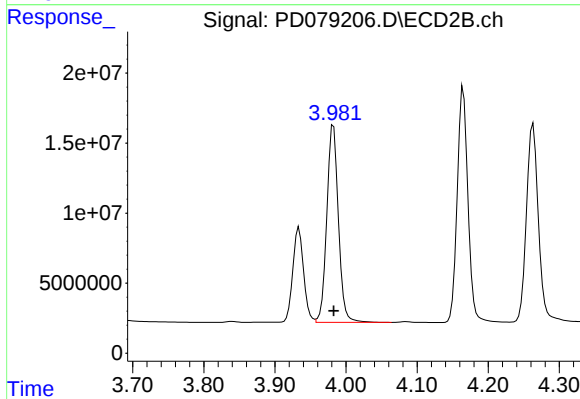
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 173505459
Conc: 51.09 ng/ml



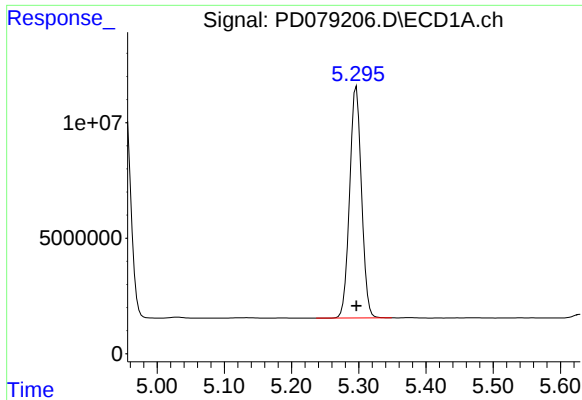
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 121925615
Conc: 45.58 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 159728679
Conc: 52.30 ng/ml



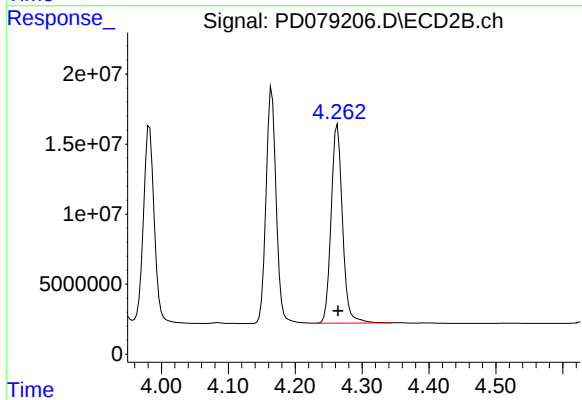
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 123001225
Conc: 47.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

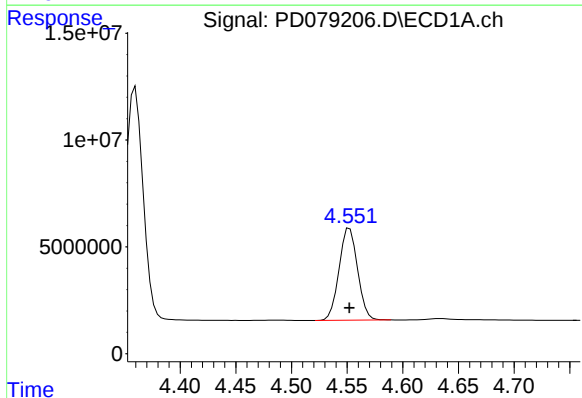
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



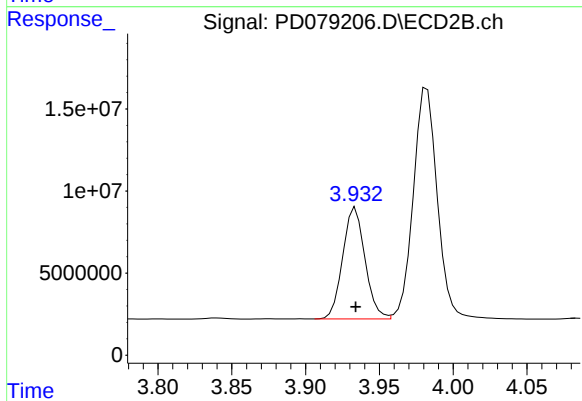
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 166482331
Conc: 50.89 ng/ml



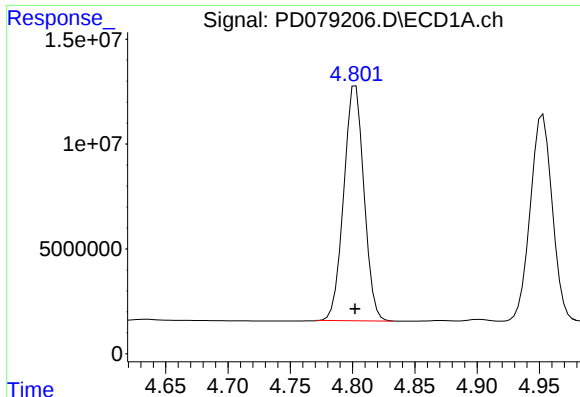
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 49978884
Conc: 46.64 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 71362773
Conc: 50.64 ng/ml



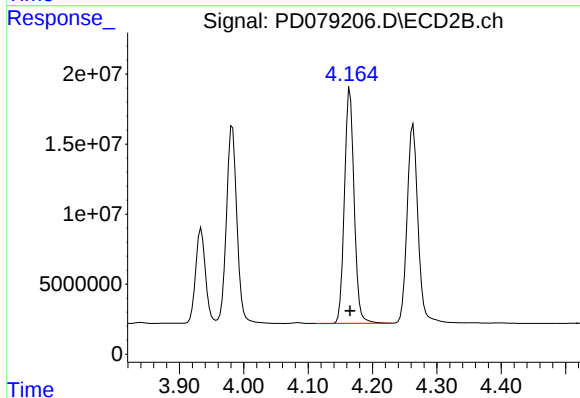
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 127170419
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

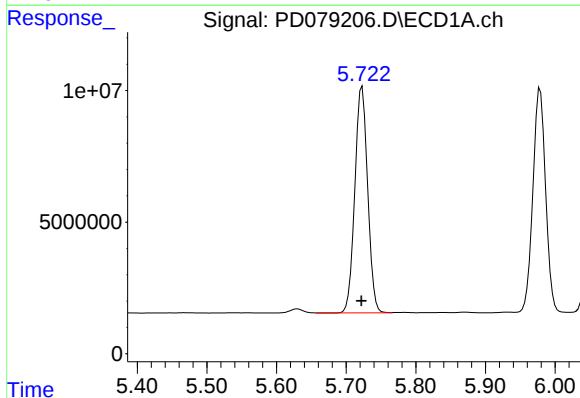
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



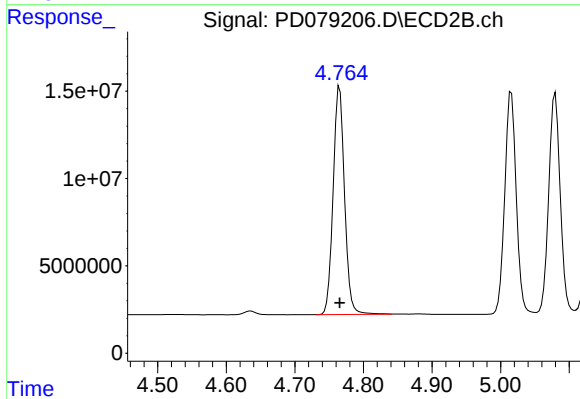
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 175490191
Conc: 52.41 ng/ml



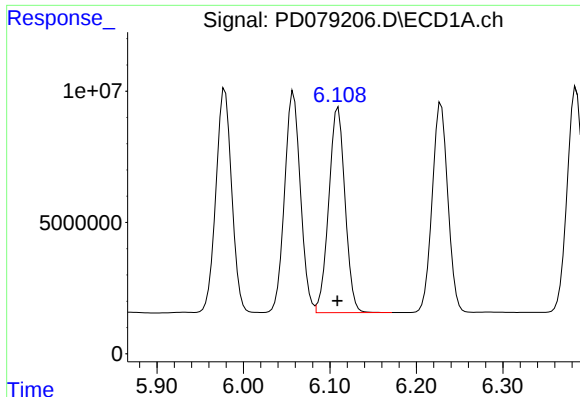
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 110174579
Conc: 47.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 151441517
Conc: 51.08 ng/ml



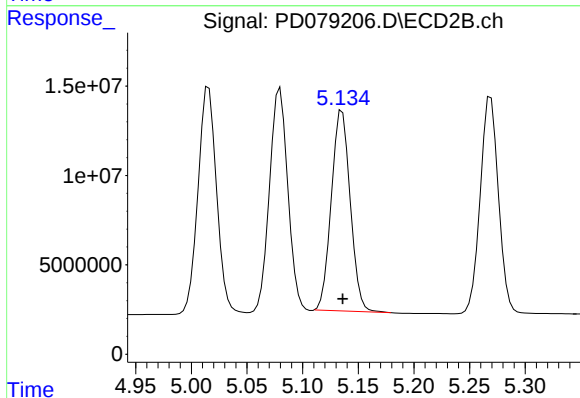
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 102055862
Conc: 47.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

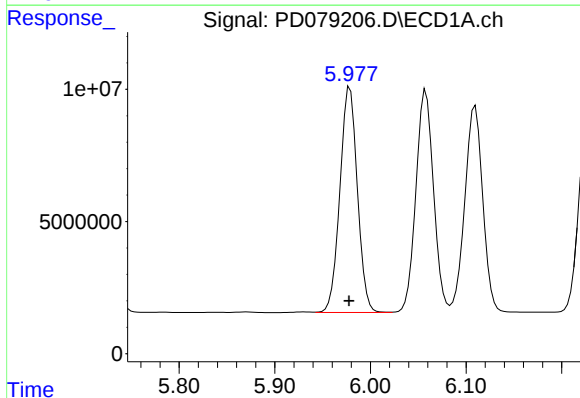
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



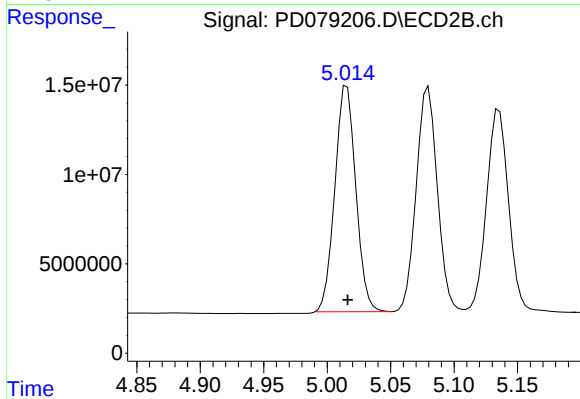
#9 Endosulfan I

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 132706851
Conc: 50.12 ng/ml



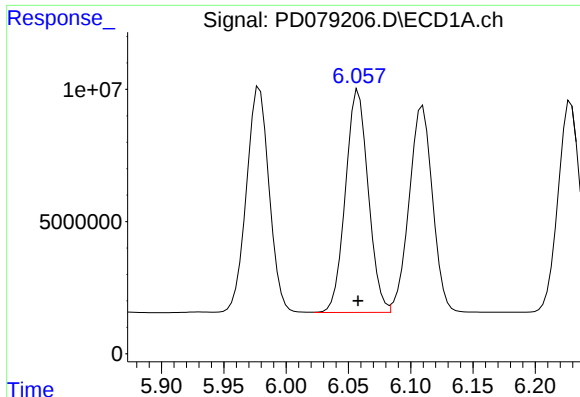
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 108580674
Conc: 47.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 145319464
Conc: 50.64 ng/ml



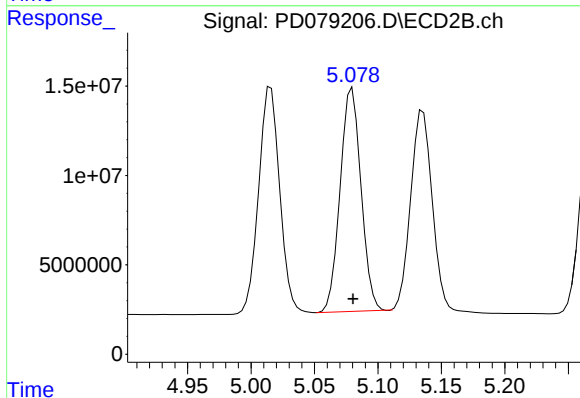
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 107589676
Conc: 47.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

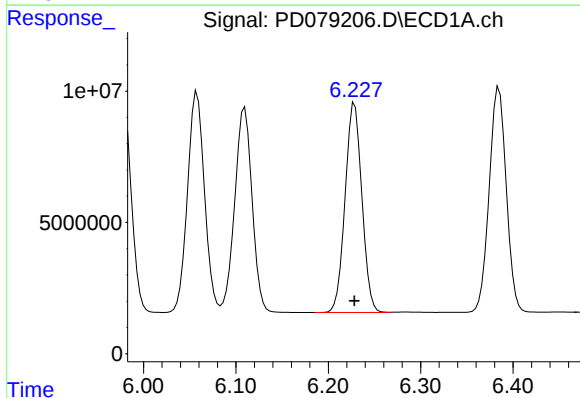
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



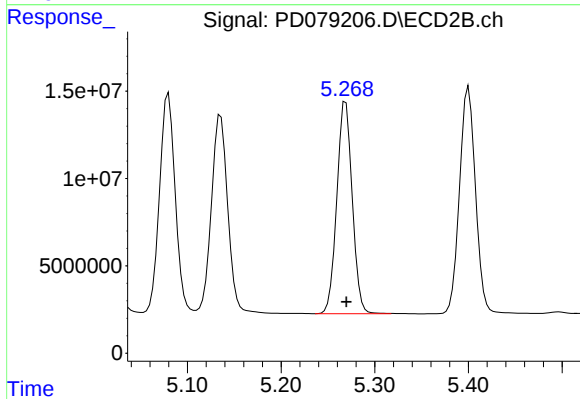
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 143051866
Conc: 49.85 ng/ml



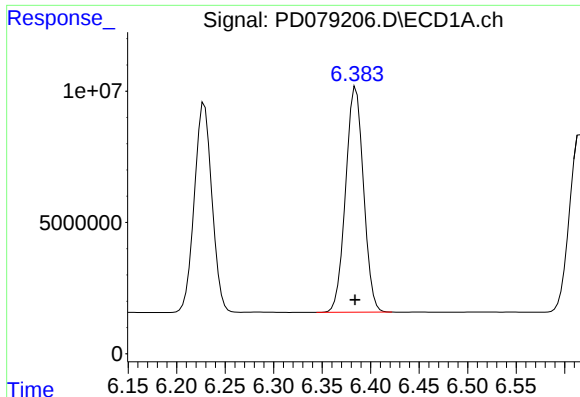
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 100633160
Conc: 47.62 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 138940526
Conc: 52.19 ng/ml



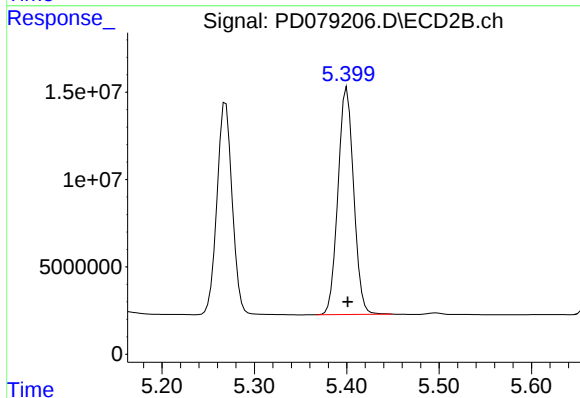
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 110091245
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

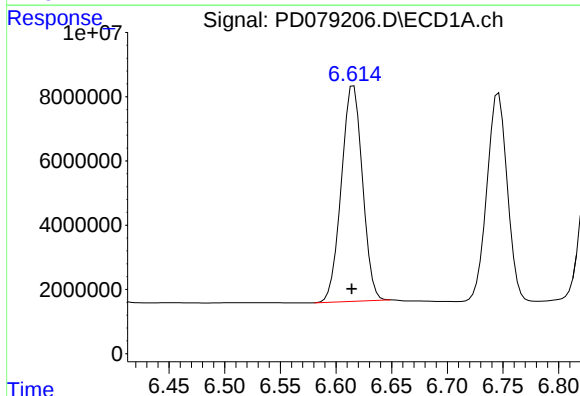
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



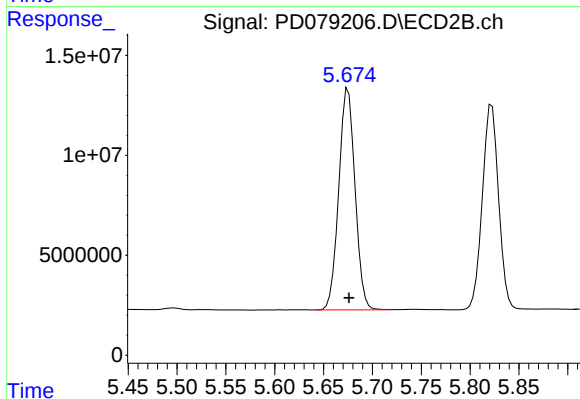
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 153417782
Conc: 51.66 ng/ml



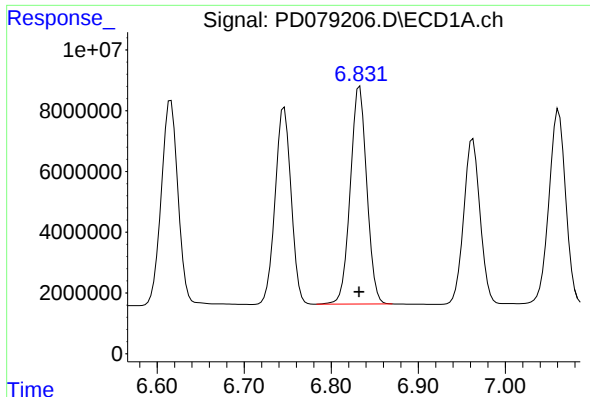
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 88775532
Conc: 45.58 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 128711118
Conc: 50.30 ng/ml



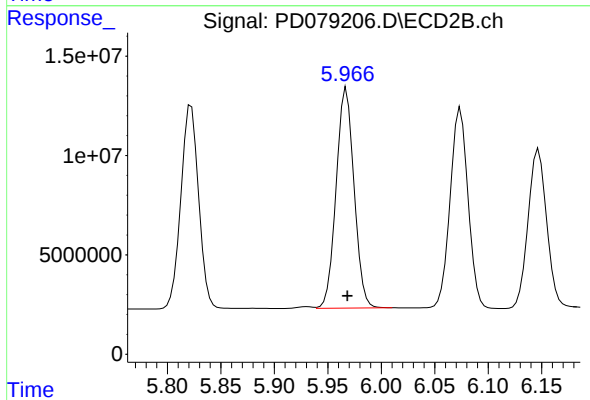
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 94111783
Conc: 46.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

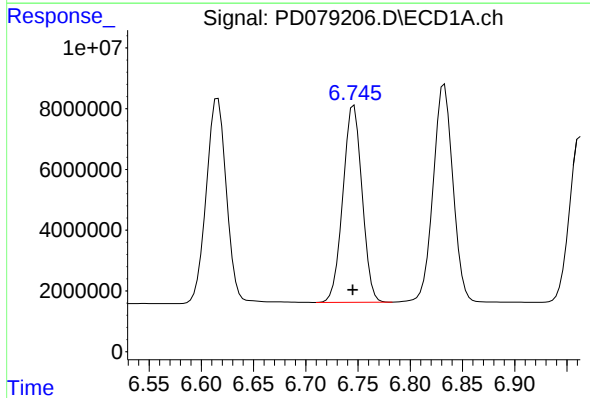
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



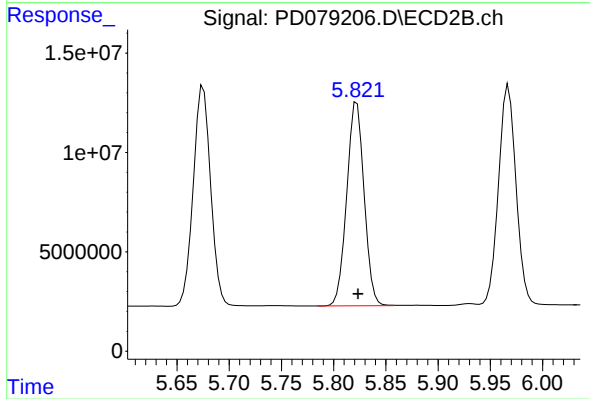
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 129109949
Conc: 51.72 ng/ml



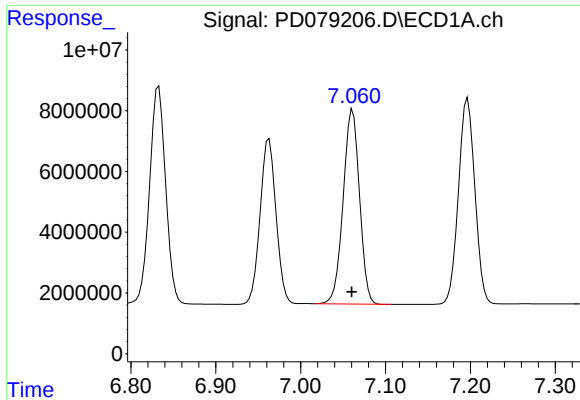
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 82549954
Conc: 46.96 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 118635142
Conc: 51.94 ng/ml



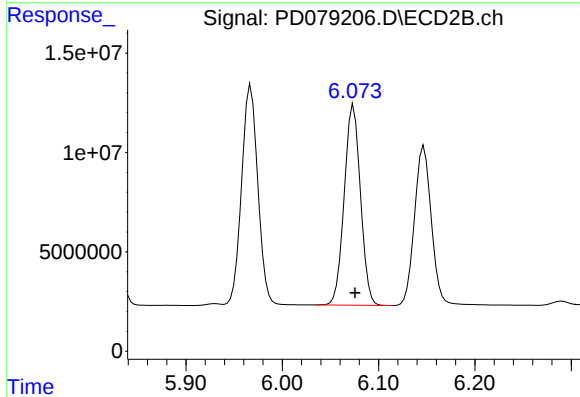
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 85668493
Conc: 45.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

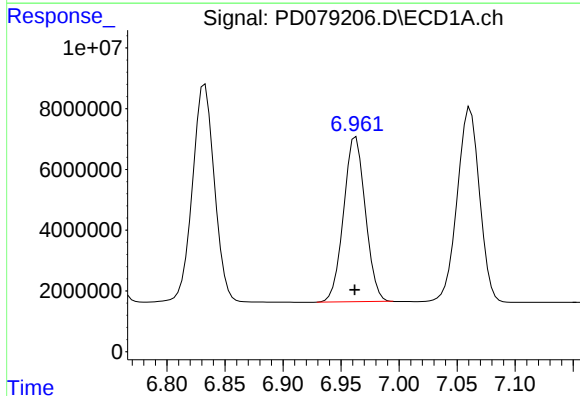
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



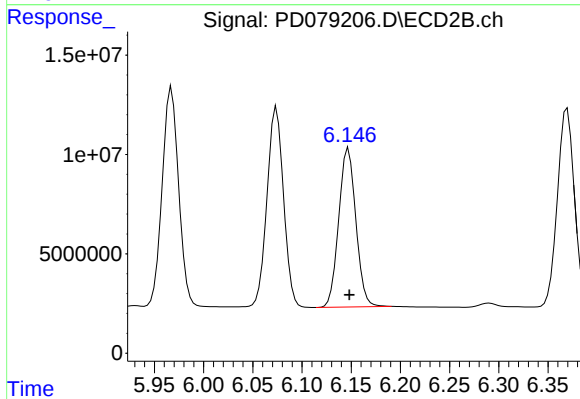
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 117655923
Conc: 51.39 ng/ml



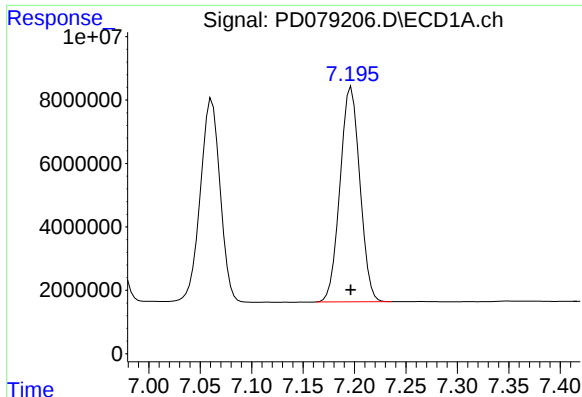
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 70591292
Conc: 45.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 96818396
Conc: 52.07 ng/ml



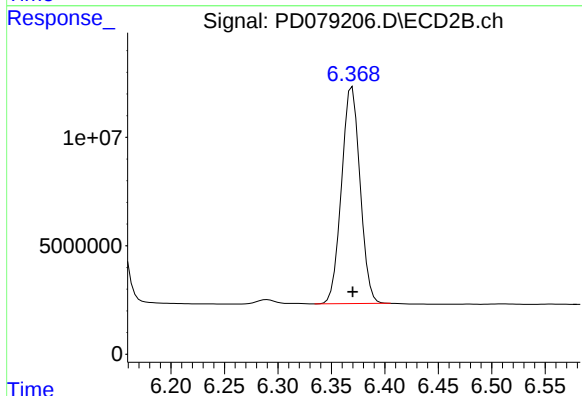
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 90959107
Conc: 45.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

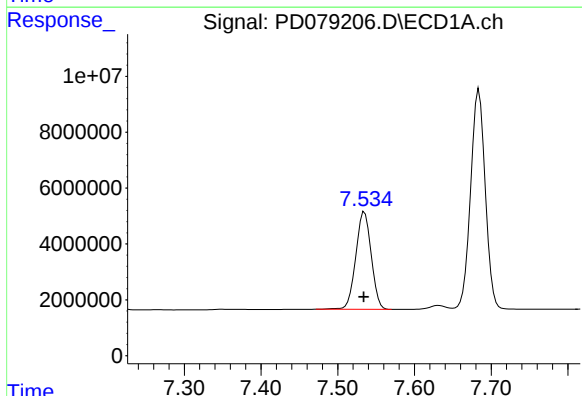
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



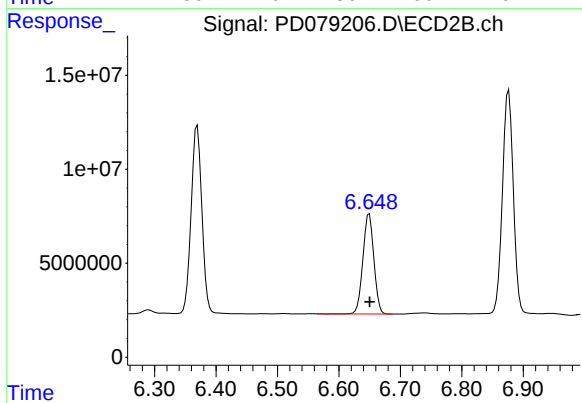
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 120735260
Conc: 51.71 ng/ml



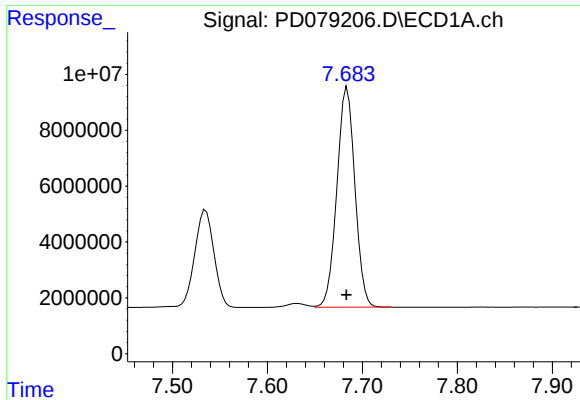
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 49209689
Conc: 44.91 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 65950539
Conc: 48.58 ng/ml



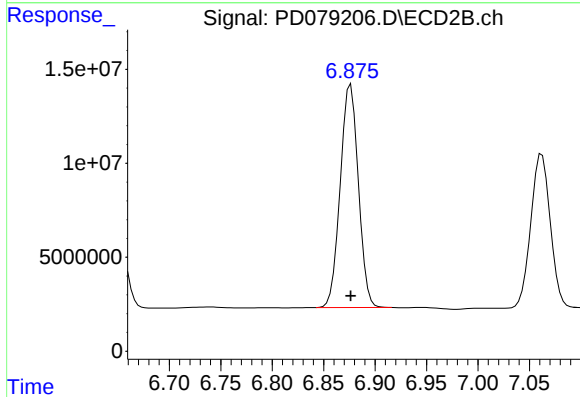
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 104159477
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

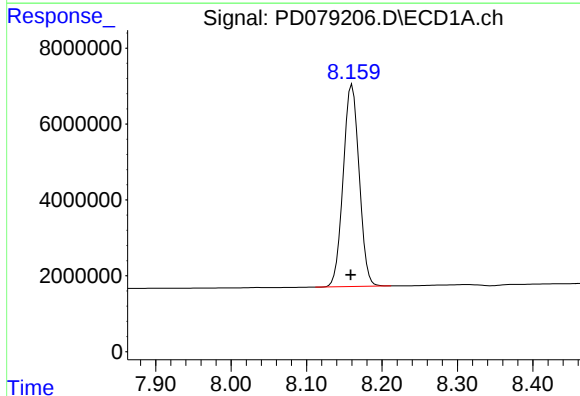
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



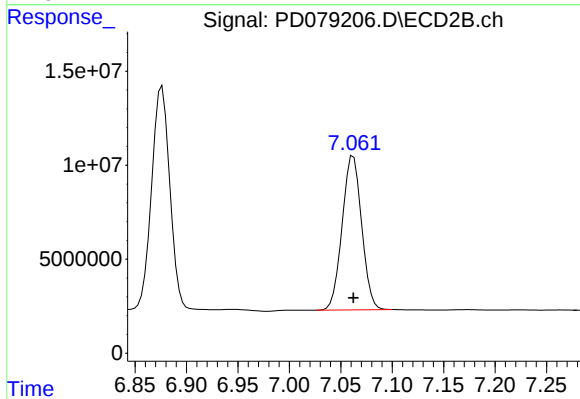
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 145752633
Conc: 52.13 ng/ml



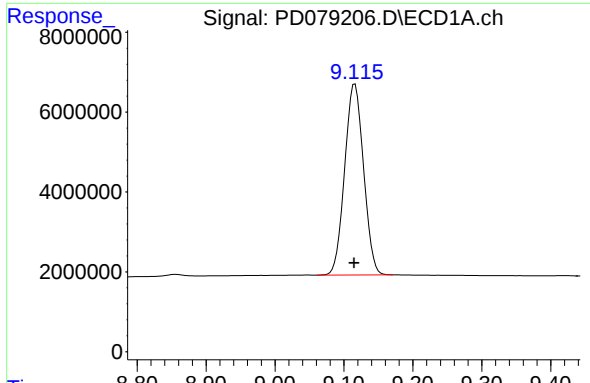
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 78361983
Conc: 46.30 ng/ml



#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 108040497
Conc: 50.57 ng/ml



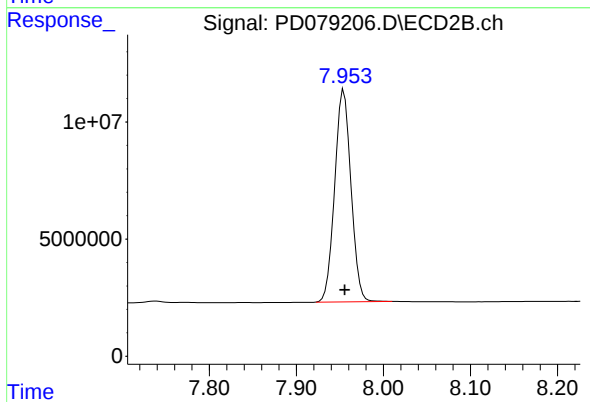
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 91114023
Conc: 45.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 117967863
Conc: 48.40 ng/ml