

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 18:09
 Operator : AR\AJ
 Sample : PB144407BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144407BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 23:28:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.634	5.489	6928288	37032955	21.442	20.770
28)	SA Decachlor...	10.405	11.333	11774853	41939991	22.643	23.745
Target Compounds							
2)	A alpha-BHC	5.342	6.053	22130114	134.9E6	52.733	53.581
3)	MA gamma-BHC...	5.765	6.442	21825693	126.0E6	52.040	53.242
4)	MA Heptachlor	6.177	7.101	22764312	130.0E6	50.536	49.852
5)	MB Aldrin	6.502	7.469	22436314	130.4E6	54.057	55.531
6)	B beta-BHC	6.146	6.679	10410700	55640604	50.951	49.370
7)	B delta-BHC	6.408	6.947	22231800	127.6E6	53.743	52.261
8)	B Heptachlo...	7.078	7.925	22725091	118.9E6	52.980	52.786
9)	A Endosulfan I	7.481	8.326	21740458	108.2E6	53.010	54.938
10)	B gamma-Chl...	7.356	8.193	23255894	119.8E6	53.024	53.722
11)	B alpha-Chl...	7.425	8.276	23502202	117.6E6	53.200	54.624
12)	B 4,4'-DDE	7.639	8.461	19960322	114.1E6	54.713	57.287
13)	MA Dieldrin	7.768	8.611	22832105	114.9E6	53.151	57.310
14)	MA Endrin	8.058	8.846	21133836	93109151	52.024	54.975
15)	B Endosulfa...	8.369	9.070	22687978	97080100	55.047	55.882
16)	A 4,4'-DDD	8.224	8.989	18411352	90878064	57.014	59.065
17)	MA 4,4'-DDT	8.486	9.307	17300770	82524811	46.804	46.554
18)	B Endrin al...	8.558	9.202	18980117	80716773	58.661	62.493
19)	B Endosulfa...	8.789	9.440	22831998	92247971	53.468	55.427
20)	A Methoxychlor	9.081	9.787	11260461	43007064	45.356	44.713
21)	B Endrin ke...	9.306	9.928	27679129	99352310	56.655m	57.398
22)	Mirex	9.494	10.406	24349413	75019063	52.207	54.464

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 18:09
 Operator : AR\AJ
 Sample : PB144407BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB144407BS

Manual Integrations

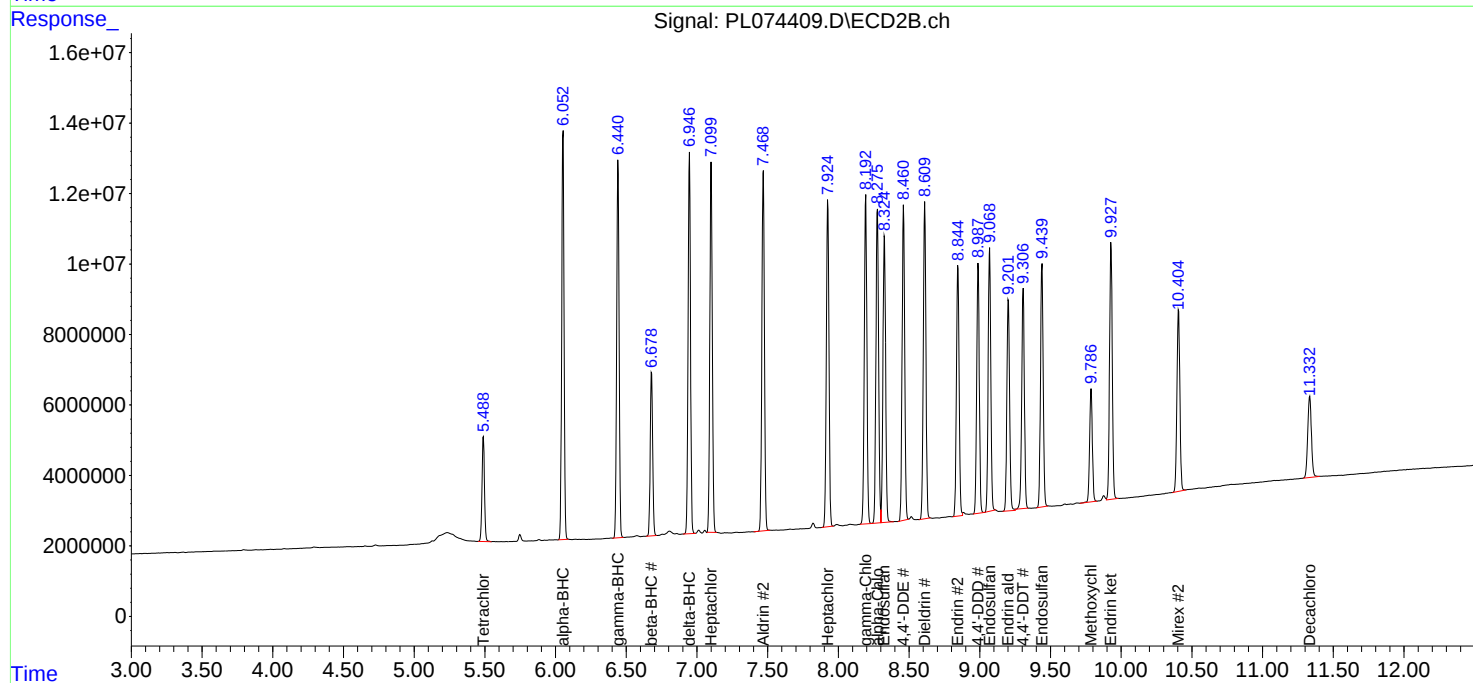
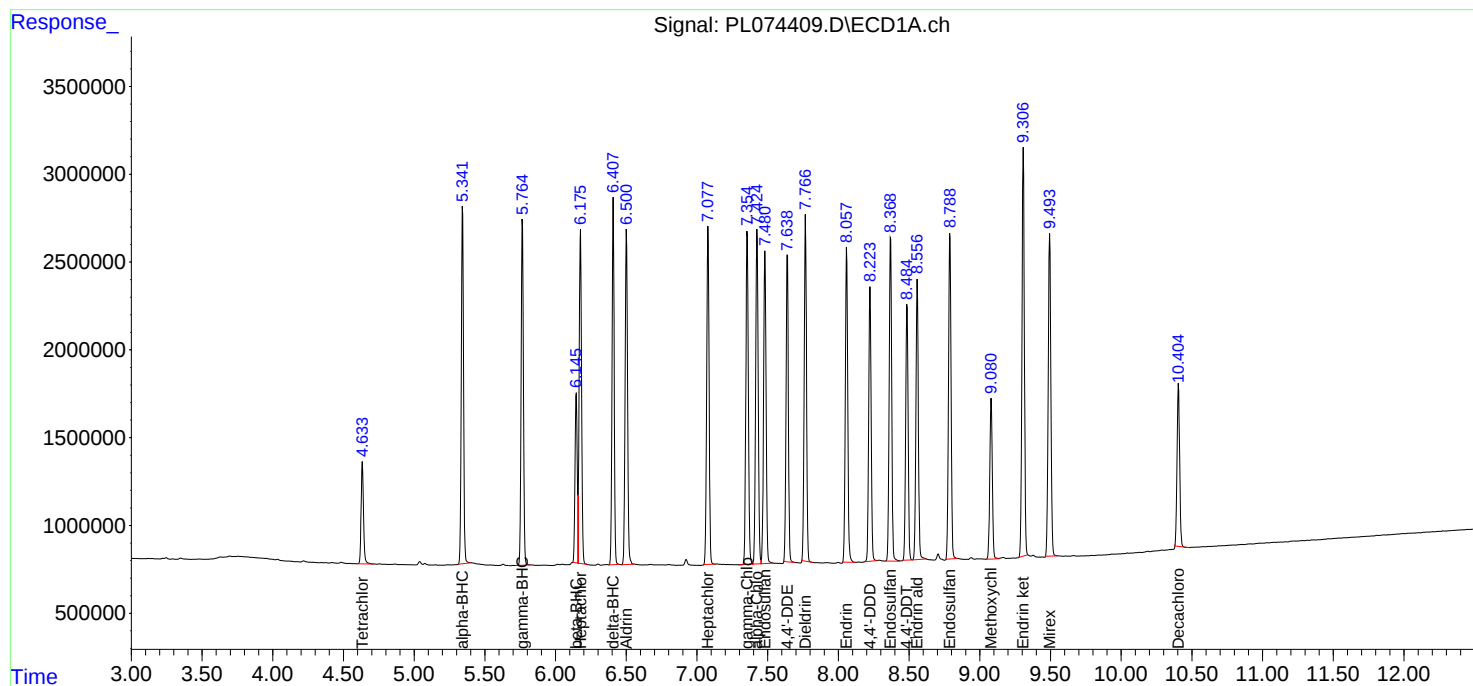
APPROVED

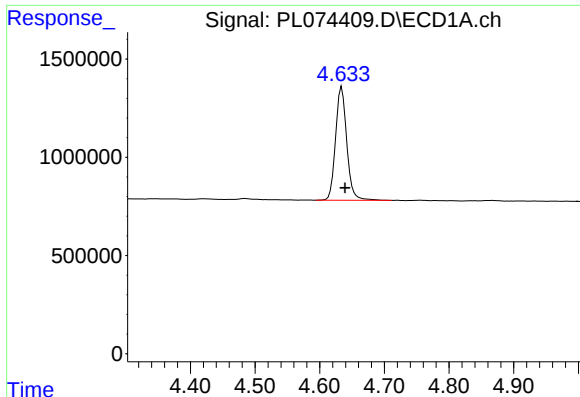
Reviewed By :Abdul Mirza 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 23:28:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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 x0.5µm





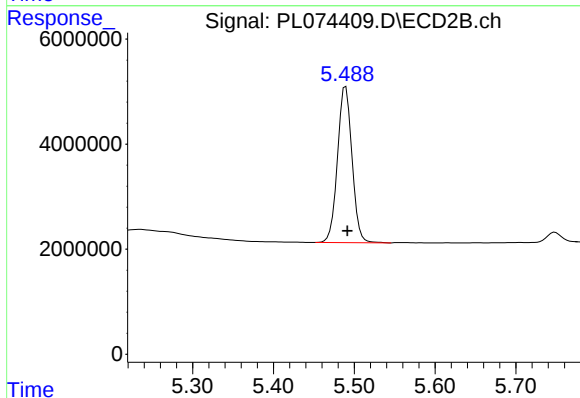
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 6928288
Conc: 21.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

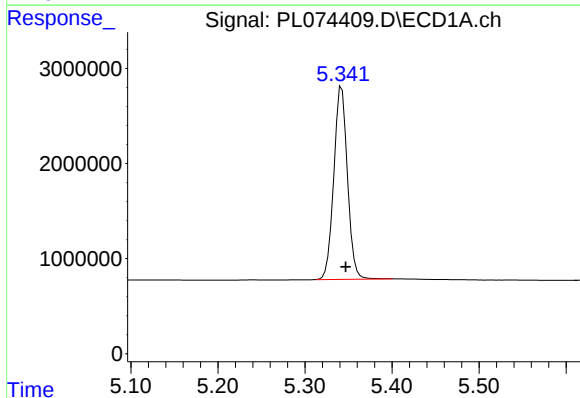
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



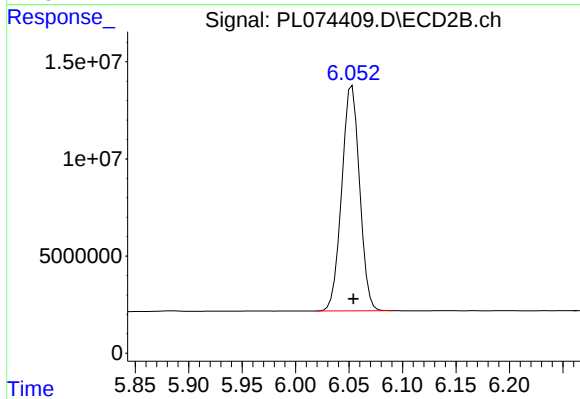
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 37032955
Conc: 20.77 ng/ml



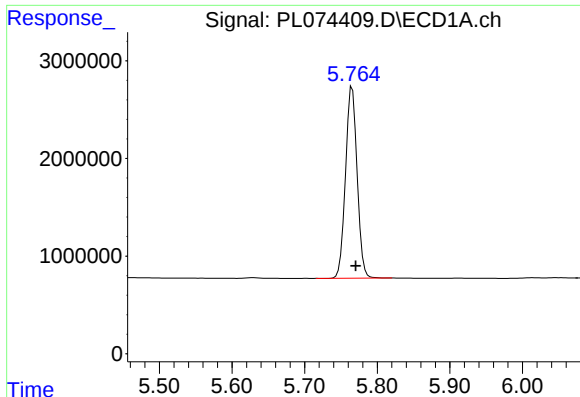
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 22130114
Conc: 52.73 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 134921118
Conc: 53.58 ng/ml



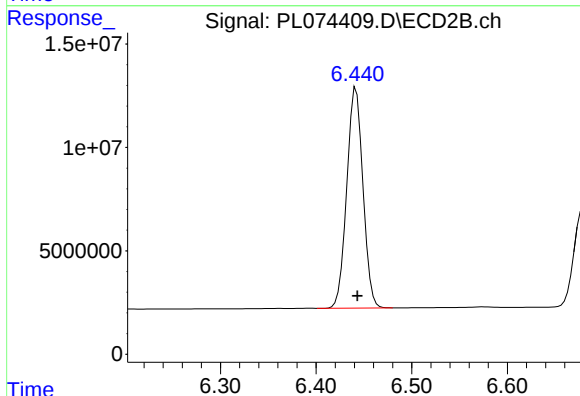
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 21825693
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

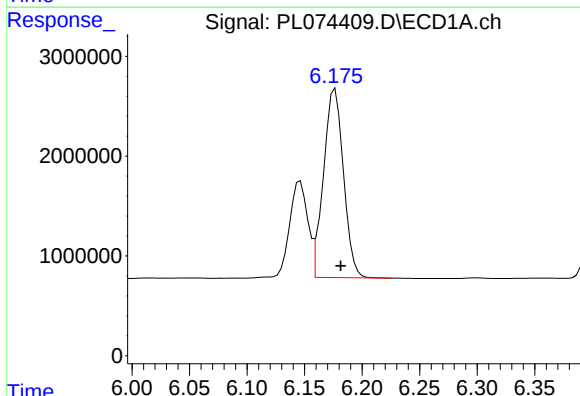
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



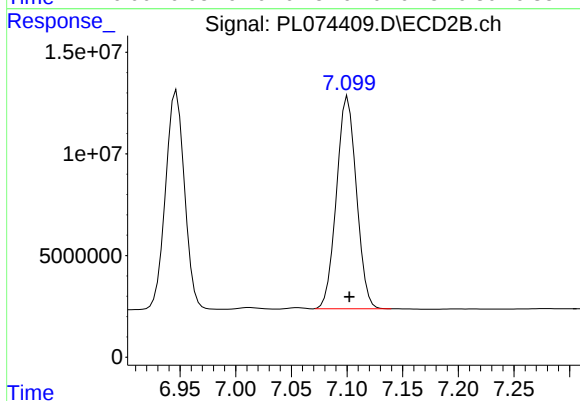
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 126029152
Conc: 53.24 ng/ml



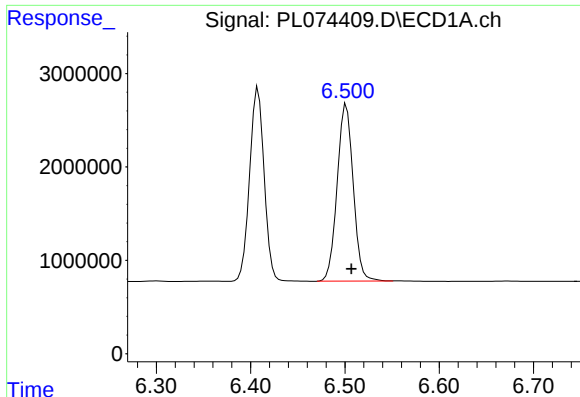
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 22764312
Conc: 50.54 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 130034728
Conc: 49.85 ng/ml



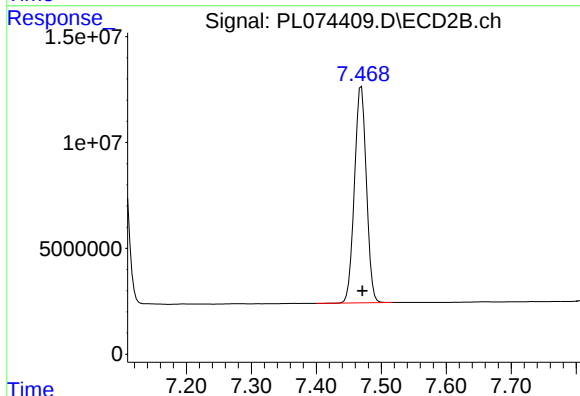
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 22436314
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

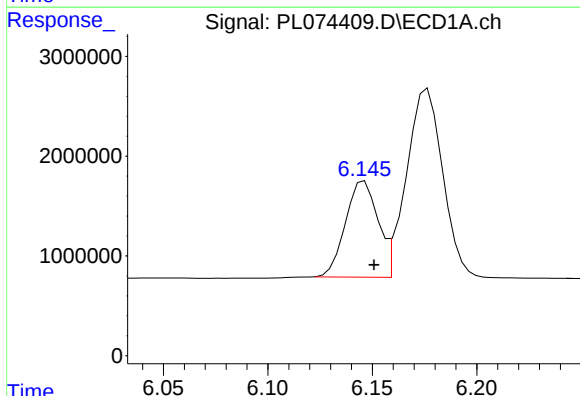
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



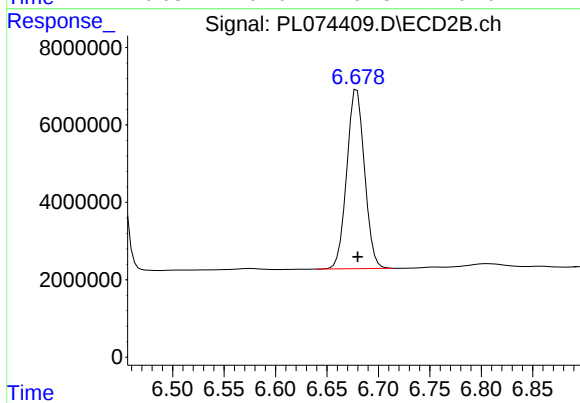
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 130420836
Conc: 55.53 ng/ml



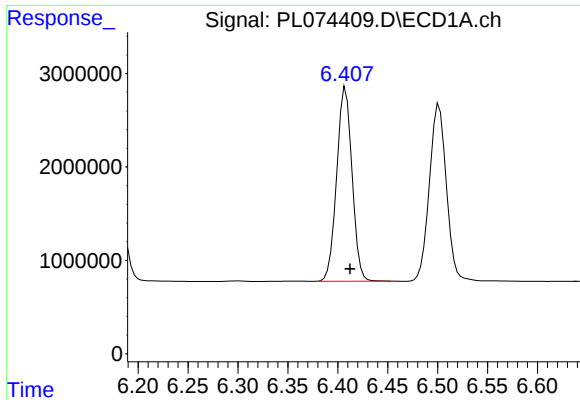
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10410700
Conc: 50.95 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 55640604
Conc: 49.37 ng/ml



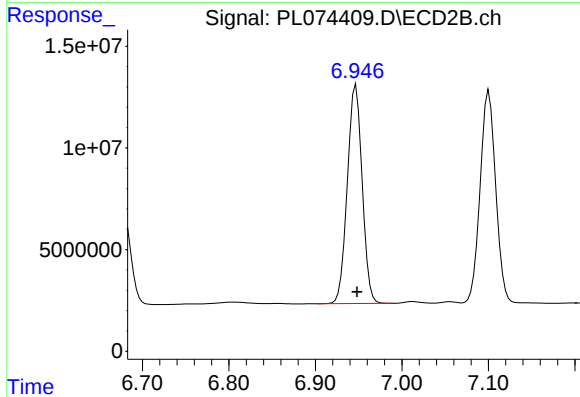
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 22231800
Conc: 53.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

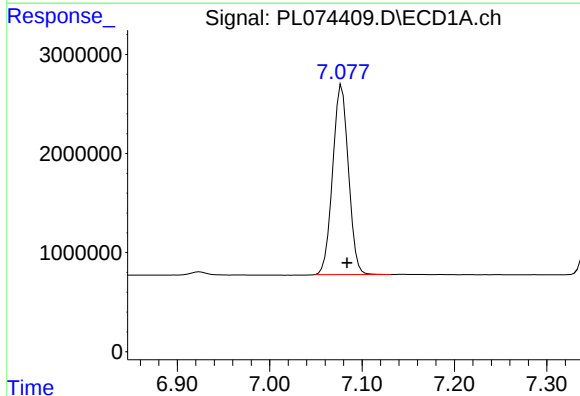
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



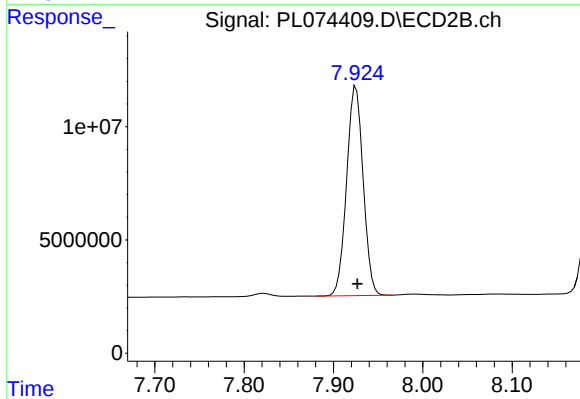
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 127636458
Conc: 52.26 ng/ml



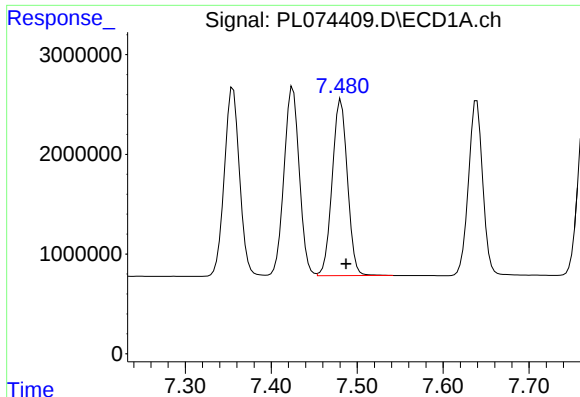
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 22725091
Conc: 52.98 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 118852100
Conc: 52.79 ng/ml



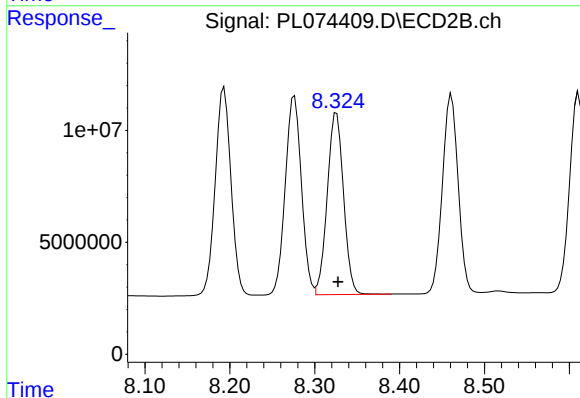
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 21740458
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

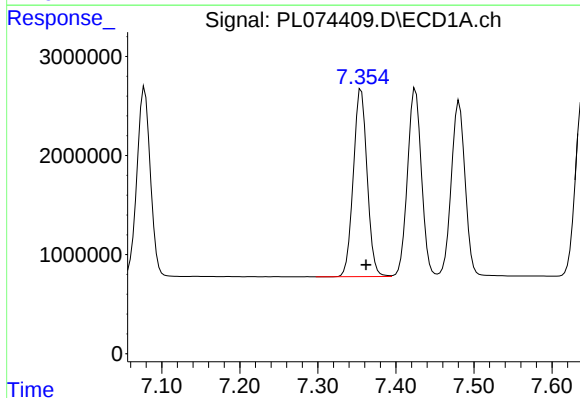
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



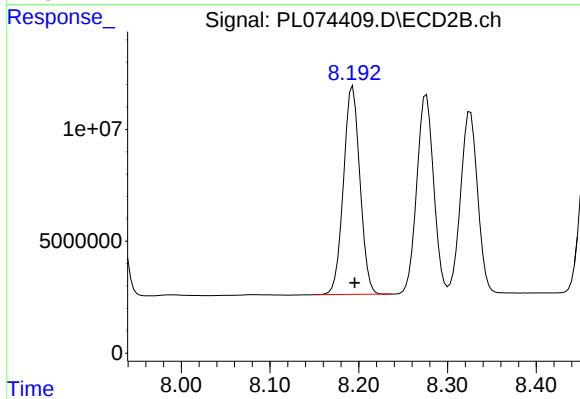
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 108153443
Conc: 54.94 ng/ml



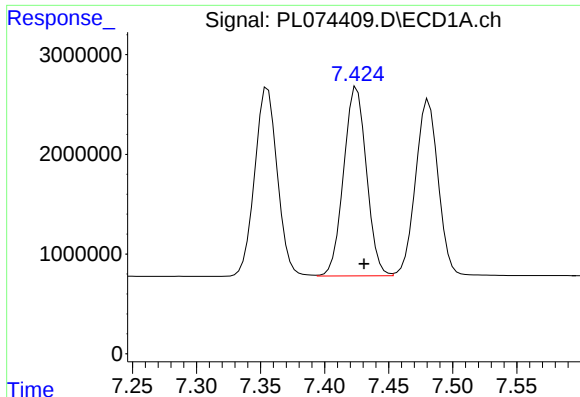
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 23255894
Conc: 53.02 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 119818731
Conc: 53.72 ng/ml



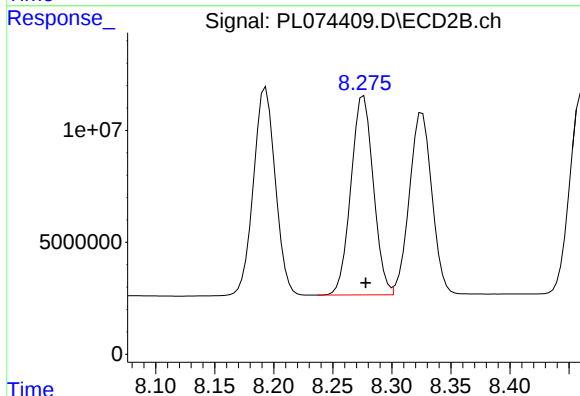
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 23502202
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

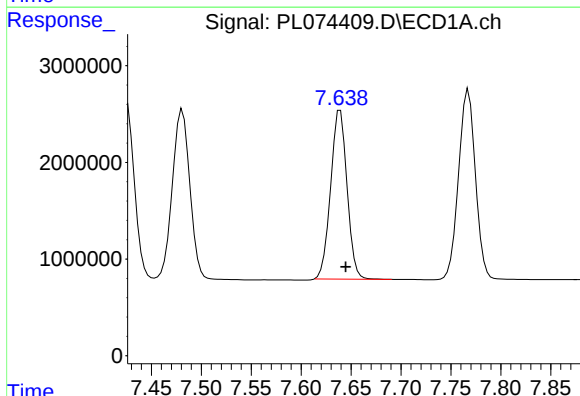
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



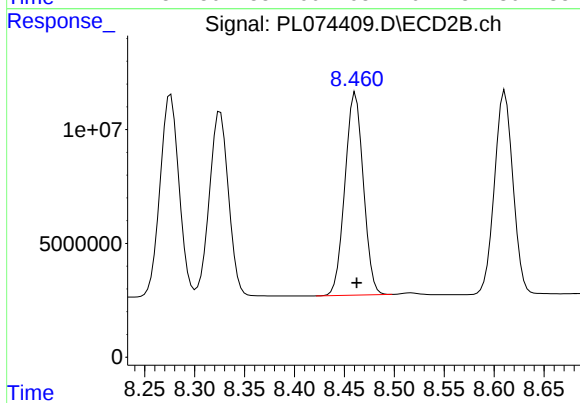
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 117581803
Conc: 54.62 ng/ml



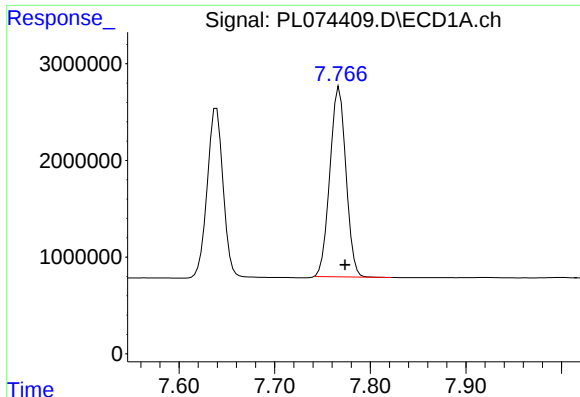
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 19960322
Conc: 54.71 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 114099292
Conc: 57.29 ng/ml



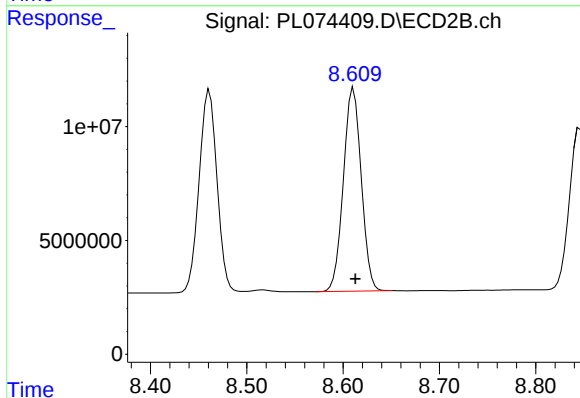
#13 Dieldrin

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 22832105
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

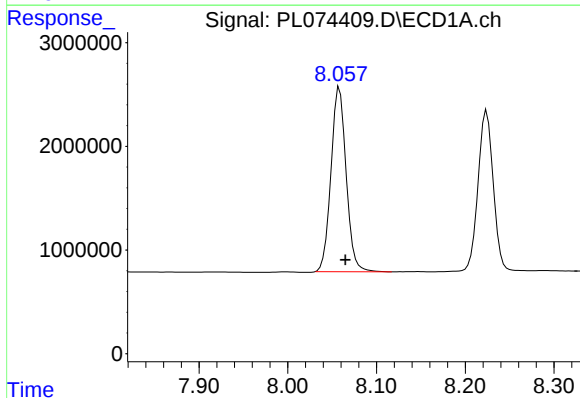
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



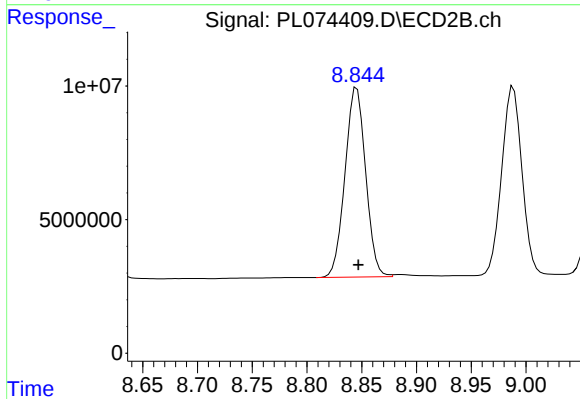
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 114922759
Conc: 57.31 ng/ml



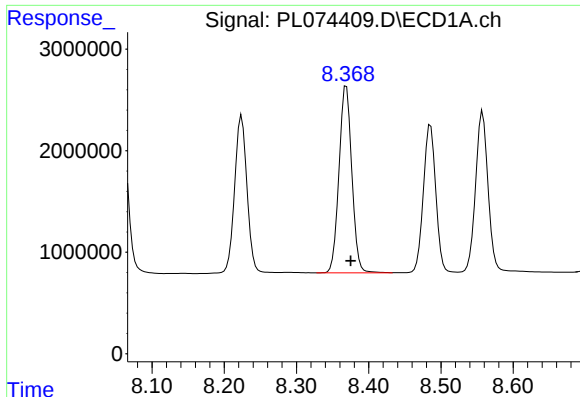
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 21133836
Conc: 52.02 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.002 min
Response: 93109151
Conc: 54.97 ng/ml



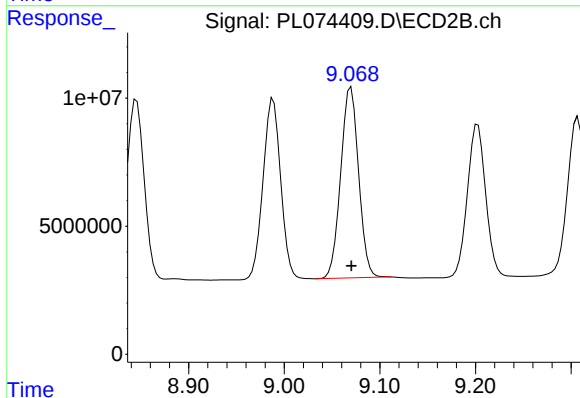
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 22687978
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

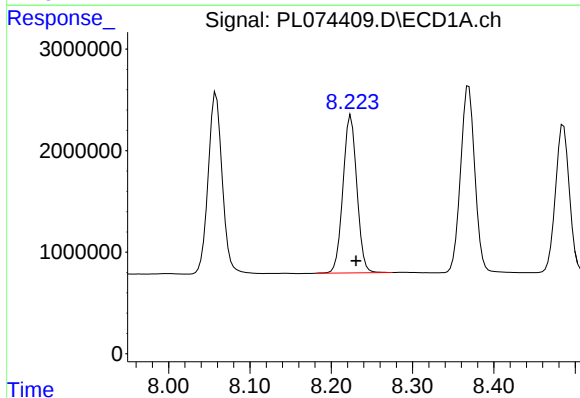
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



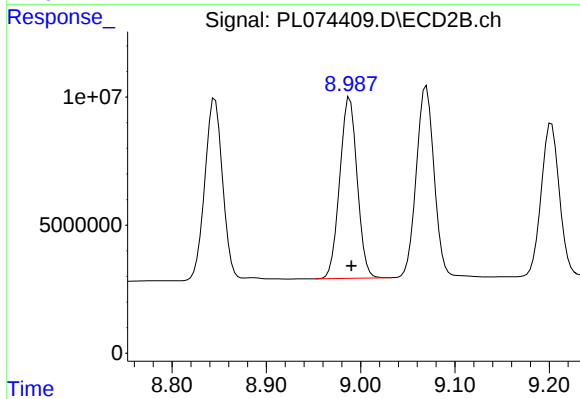
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 97080100
Conc: 55.88 ng/ml



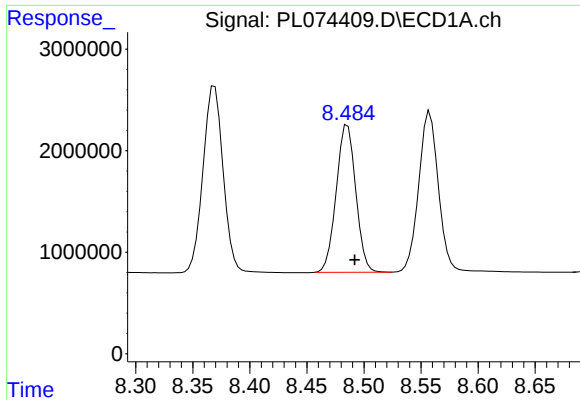
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 18411352
Conc: 57.01 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.002 min
Response: 90878064
Conc: 59.07 ng/ml



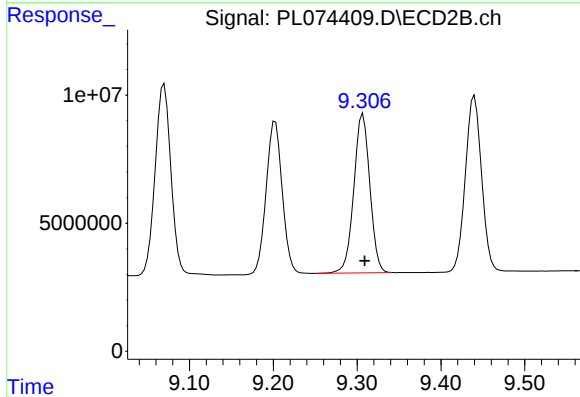
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 17300770
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

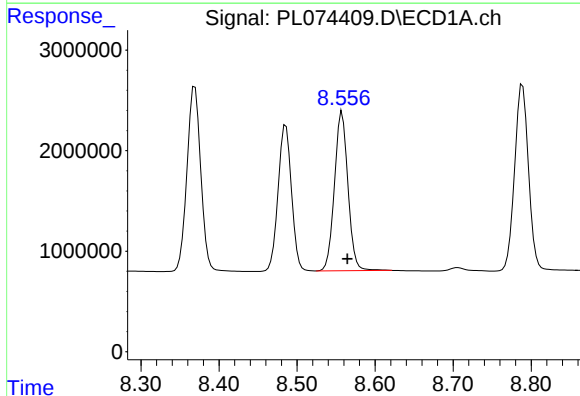
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



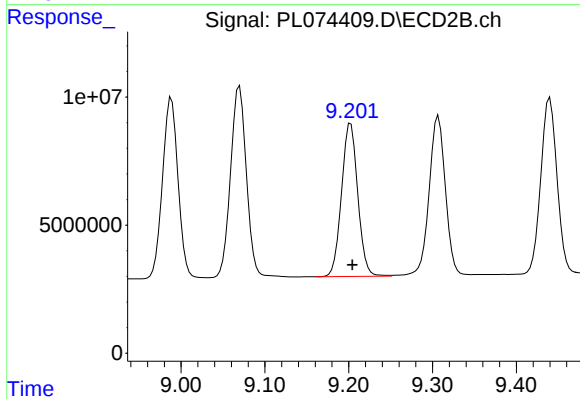
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 82524811
Conc: 46.55 ng/ml



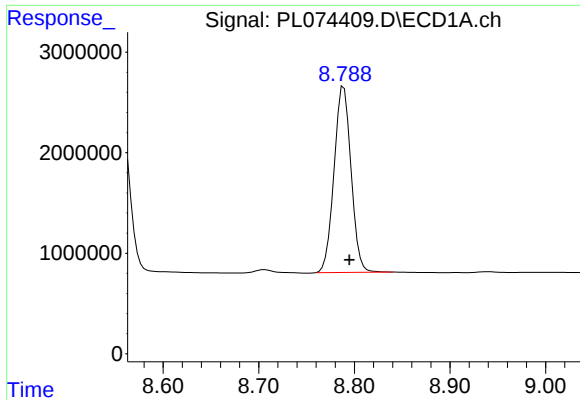
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.007 min
Response: 18980117
Conc: 58.66 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 80716773
Conc: 62.49 ng/ml



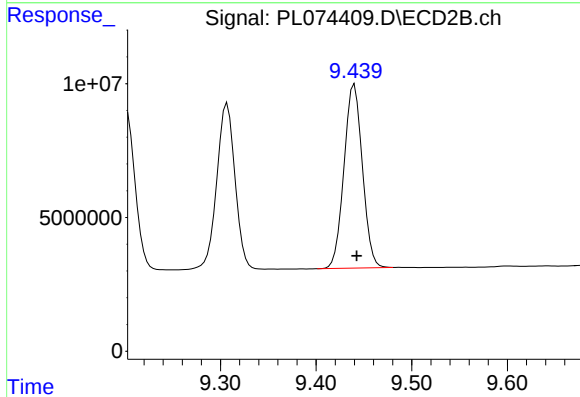
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 22831998
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

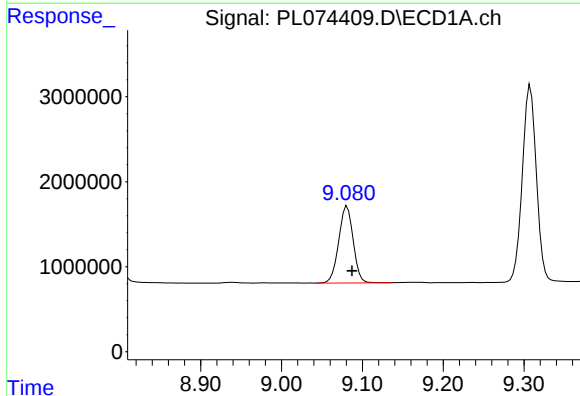
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



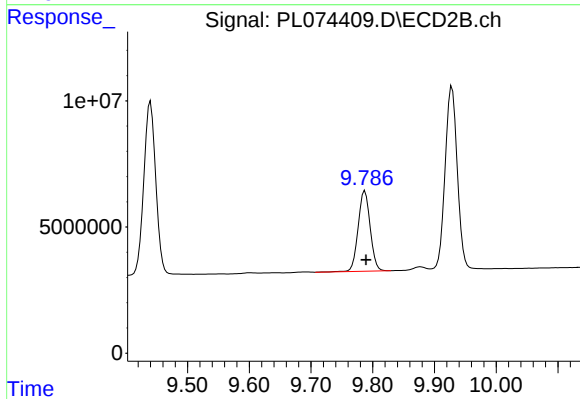
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 92247971
Conc: 55.43 ng/ml



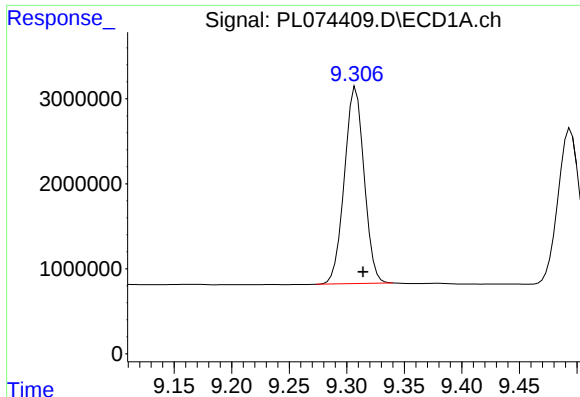
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 11260461
Conc: 45.36 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 43007064
Conc: 44.71 ng/ml



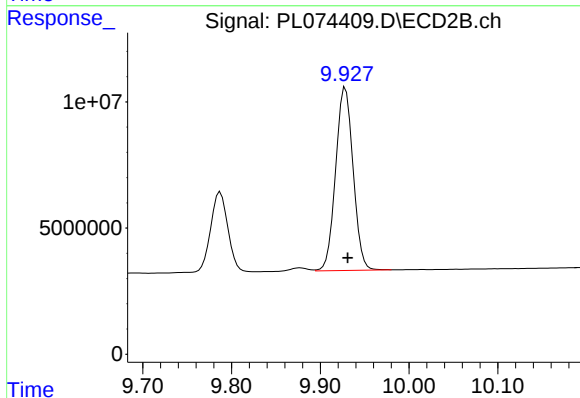
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.008 min
Response: 27679129
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

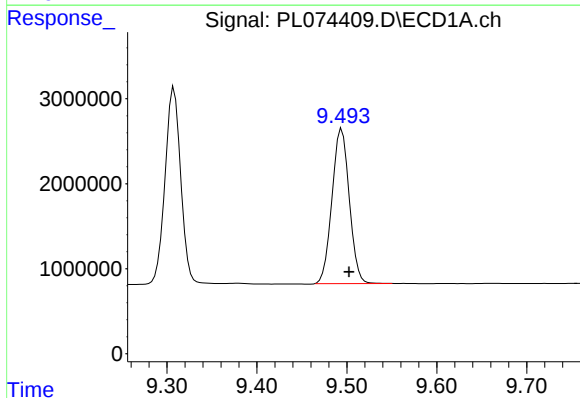
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



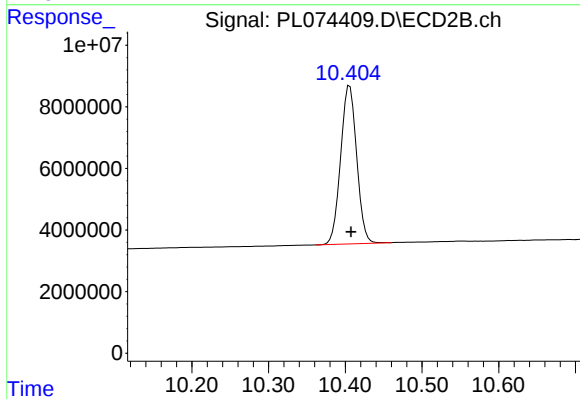
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 99352310
Conc: 57.40 ng/ml



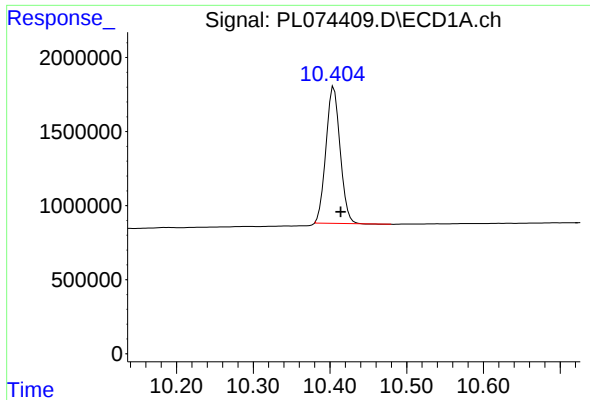
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 24349413
Conc: 52.21 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 75019063
Conc: 54.46 ng/ml



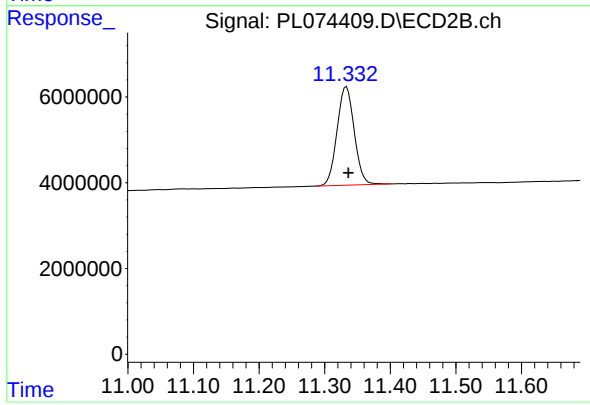
#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 11774853
Conc: 22.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144407BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 41939991
Conc: 23.74 ng/ml