

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 02:33
 Operator : AR\AJ
 Sample : PB144026BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144026BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/15/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 04:47:04 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...	4.638	5.491	7078748	39826455	21.908	22.337
28)	SA Decachlor...	10.411	11.333	11268966	36750818	21.670	20.807
Target Compounds							
2)	A alpha-BHC	5.346	6.054	23902766	152.1E6	56.957	60.400
3)	MA gamma-BHC...	5.768	6.443	23326022	141.4E6	55.618m	59.747
4)	MA Heptachlor	6.180	7.102	24226532	142.7E6	53.782	54.725
5)	MB Aldrin	6.505	7.470	23986395	146.2E6	57.792	62.258
6)	B beta-BHC	6.150	6.680	11134710	61330162	54.494	54.418
7)	B delta-BHC	6.412	6.948	23800575	141.3E6	57.535	57.864
8)	B Heptachlo...	7.082	7.927	23856926	203.2E6	55.619	90.244 #
9)	A Endosulfan I	7.485	8.326	22198099	113.6E6	54.126	57.715m
10)	B gamma-Chl...	7.360	8.194	24463557	134.1E6	55.778	60.112m
11)	B alpha-Chl...	7.429	8.276	24564672	123.0E6	55.605	57.132m
12)	B 4,4'-DDE	7.644	8.462	20754246	117.8E6	56.889	59.136
13)	MA Dieldrin	7.772	8.612	25288380	120.6E6	58.869	60.120
14)	MA Endrin	8.063	8.845	22328611	96413955	54.965	56.926m
15)	B Endosulfa...	8.374	9.071	22362704	102.7E6	54.257	59.108
16)	A 4,4'-DDD	8.229	8.988	18943119	93238852	58.661	60.600m
17)	MA 4,4'-DDT	8.490	9.308	18465658	71712991	49.956	40.455
18)	B Endrin al...	8.562	9.203	18928334	75696781	58.501	58.606
19)	B Endosulfa...	8.793	9.441	23402294	81297216	54.803	48.847
20)	A Methoxychlor	9.085	9.778	12829459	105.0E6	51.676	109.213m#
21)	B Endrin ke...	9.311	9.929	27030285	97830863	55.327m	56.519
22)	Mirex	9.499	10.407	20786758	81840649	44.568	59.417 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 02:33
 Operator : AR\AJ
 Sample : PB144026BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

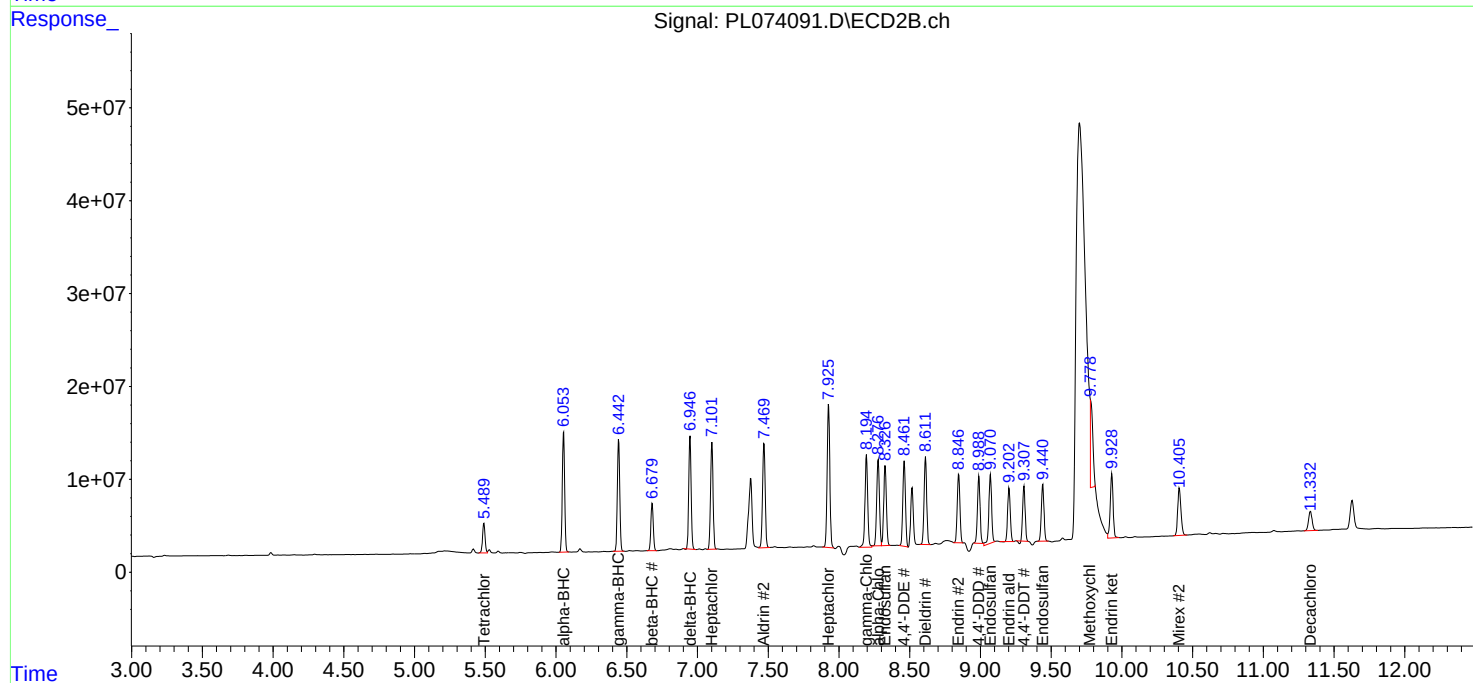
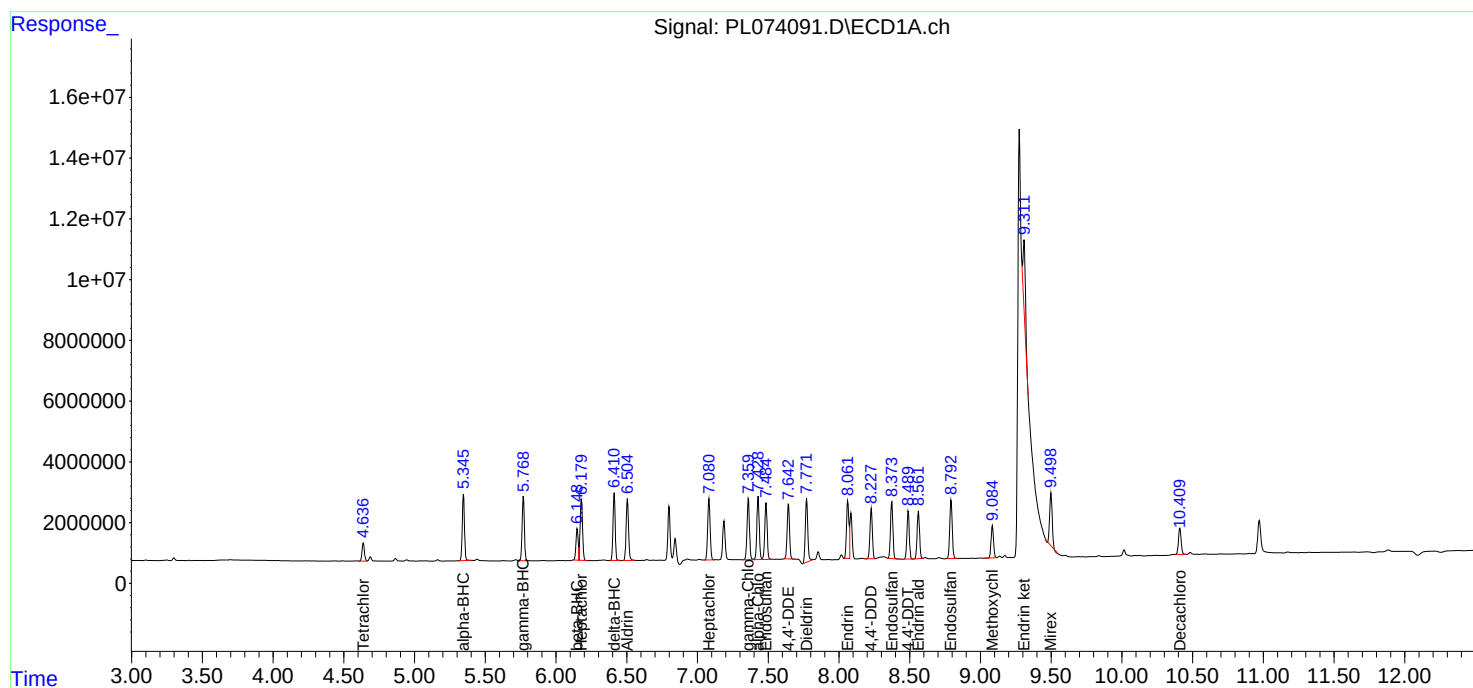
Instrument :
 ECD_L
 ClientSampleId :
 PB144026BS

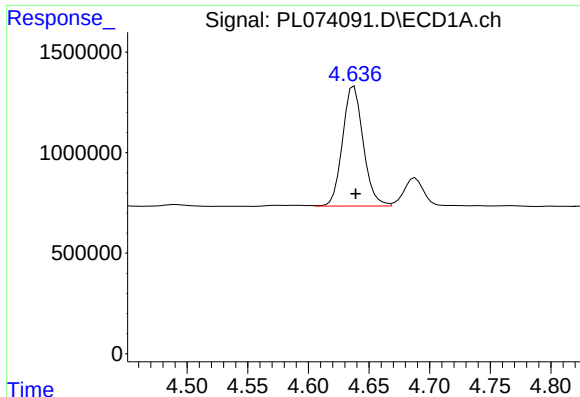
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/15/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 04:47:04 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





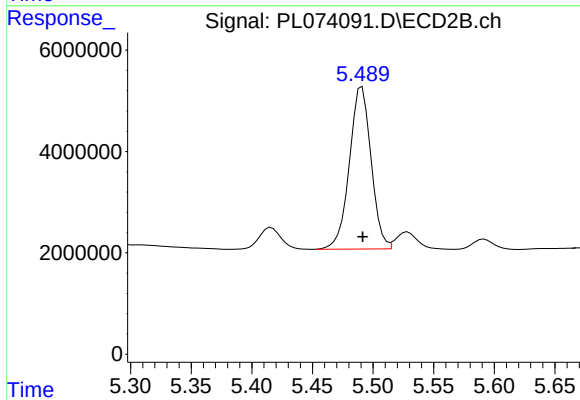
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 7078748
Conc: 21.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

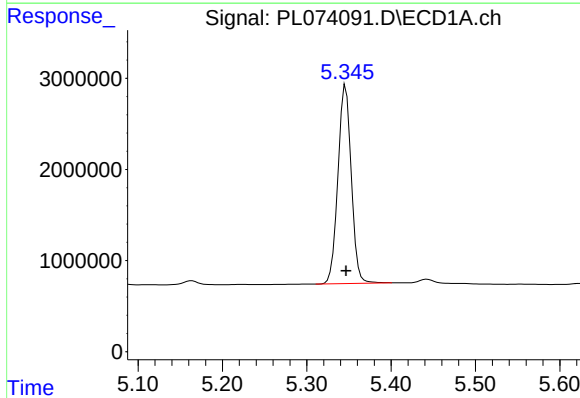
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



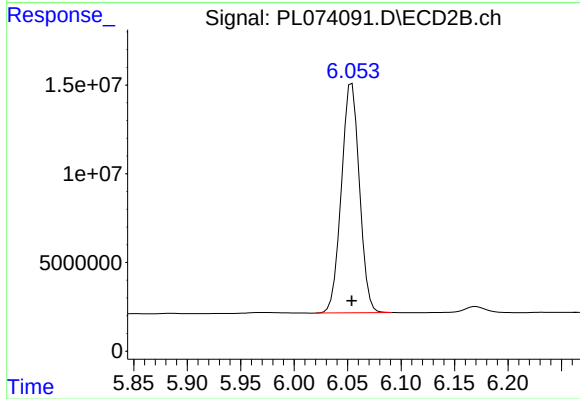
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 39826455
Conc: 22.34 ng/ml



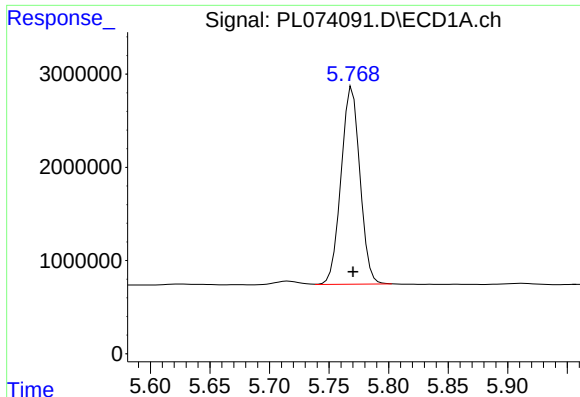
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 23902766
Conc: 56.96 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 152093182
Conc: 60.40 ng/ml



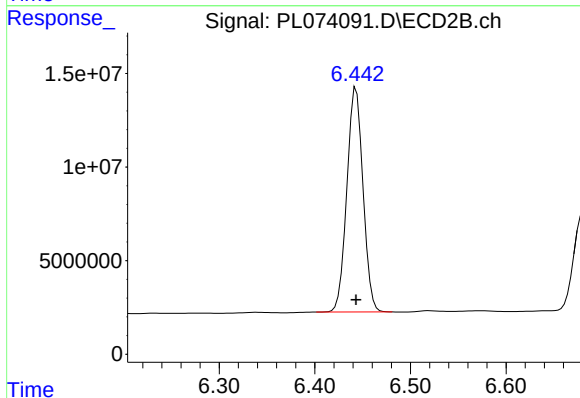
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 23326022
Conc: 55.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

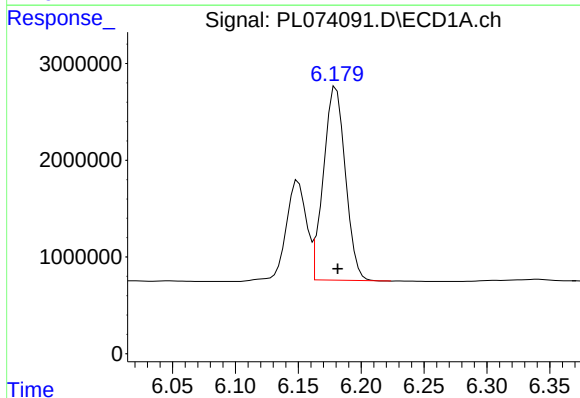
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



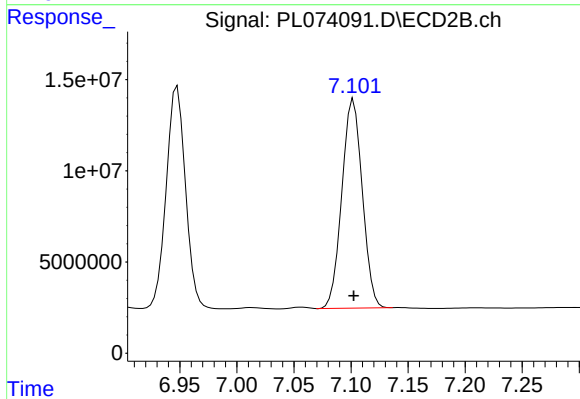
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 141428154
Conc: 59.75 ng/ml



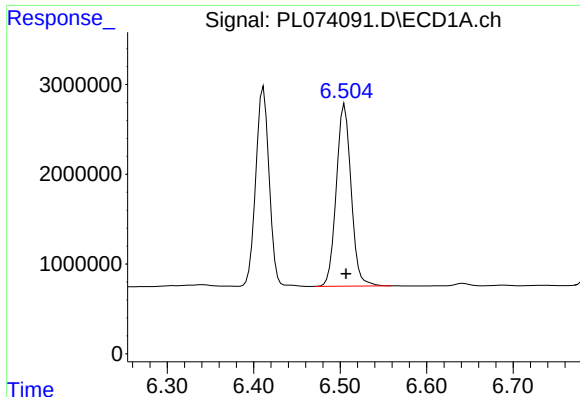
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 24226532
Conc: 53.78 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 142746995
Conc: 54.73 ng/ml



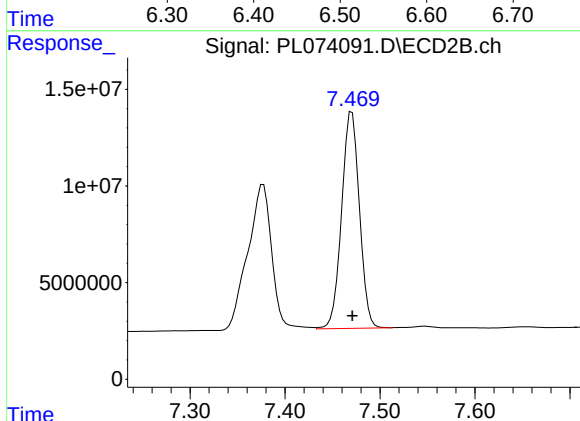
#5 Aldrin

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 23986395
Conc: 57.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

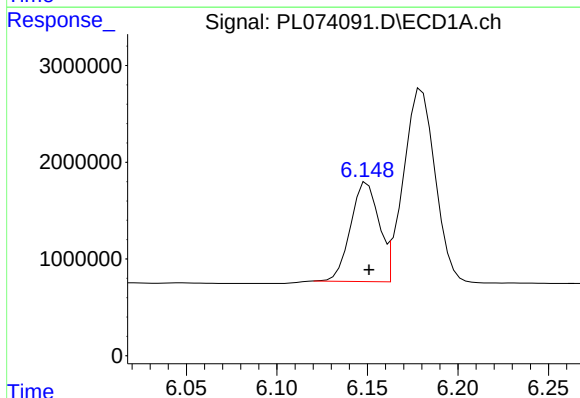
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



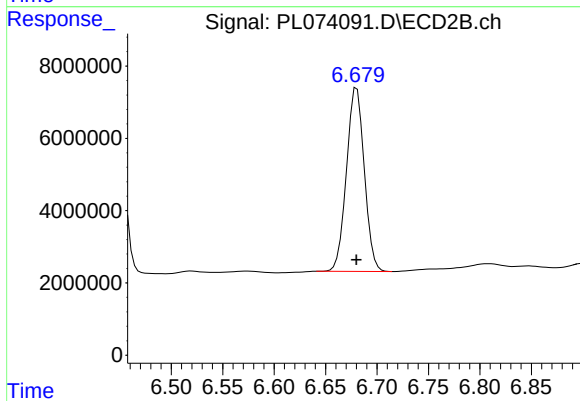
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 146218554
Conc: 62.26 ng/ml



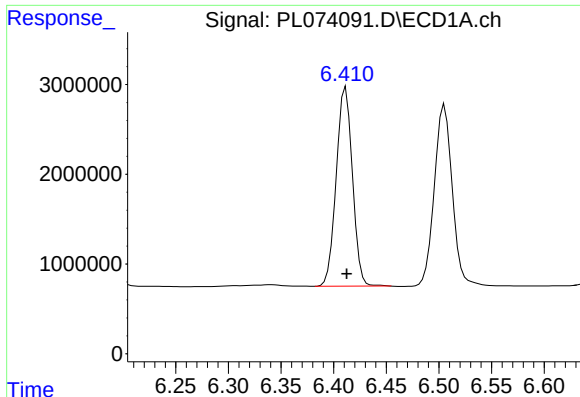
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 11134710
Conc: 54.49 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 61330162
Conc: 54.42 ng/ml



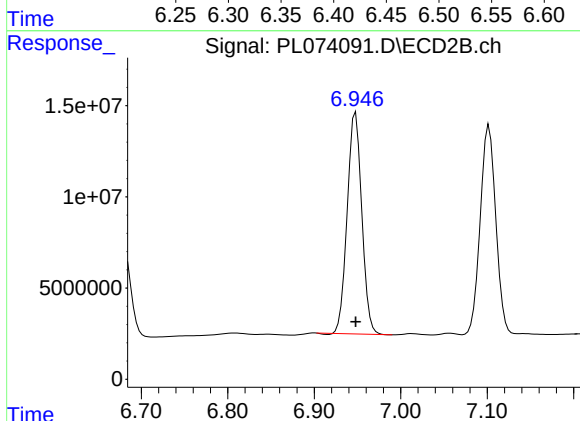
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 23800575
Conc: 57.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

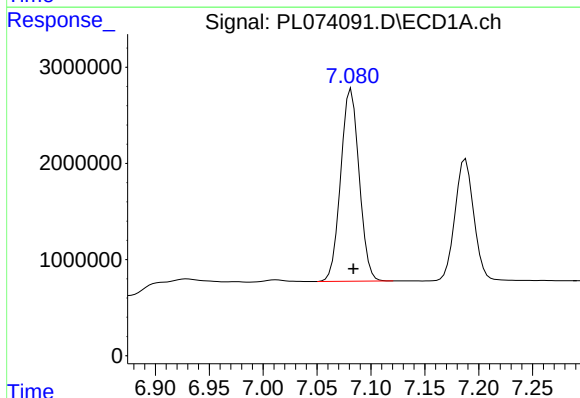
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



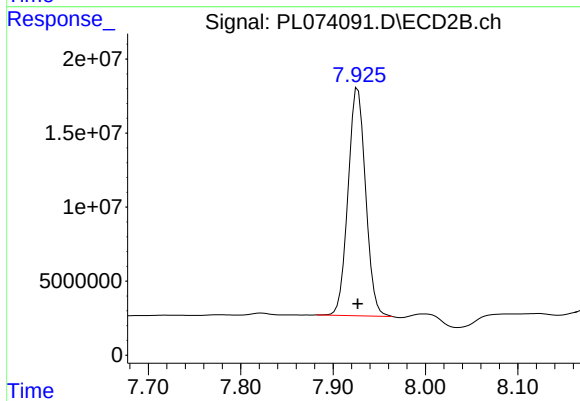
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 141319397
Conc: 57.86 ng/ml



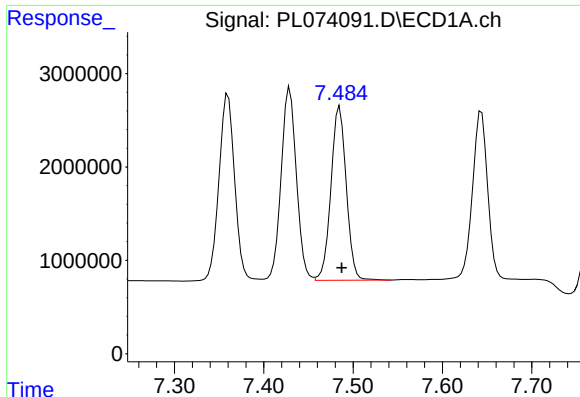
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 23856926
Conc: 55.62 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 203189588
Conc: 90.24 ng/ml



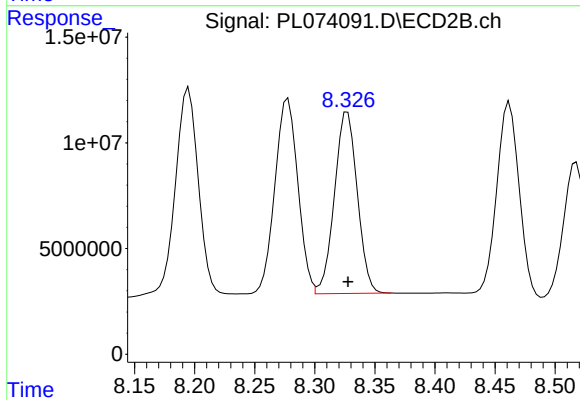
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 22198099
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

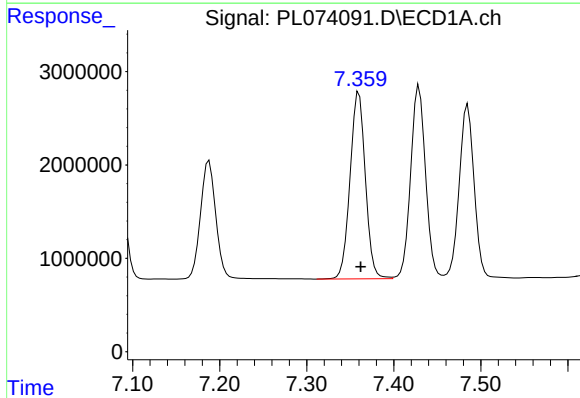
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



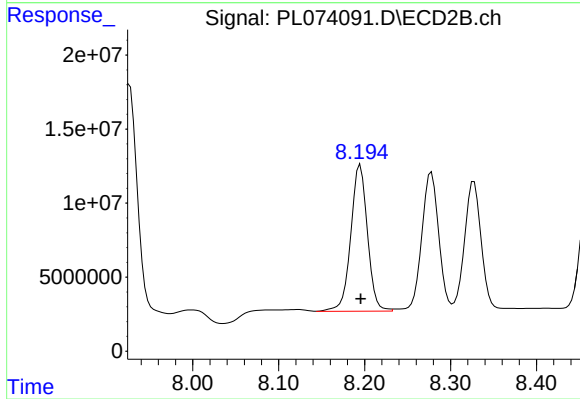
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 113620269
Conc: 57.71 ng/ml m



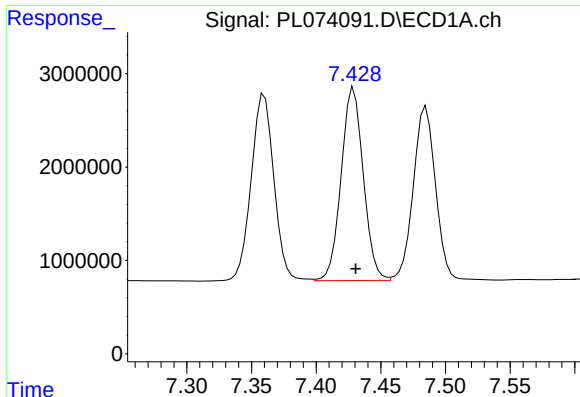
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 24463557
Conc: 55.78 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 134071380
Conc: 60.11 ng/ml m



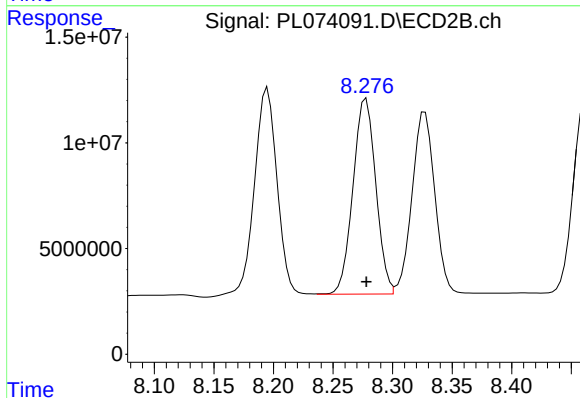
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 24564672
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

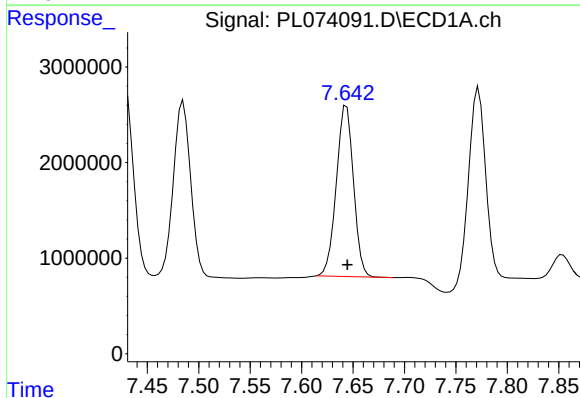
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



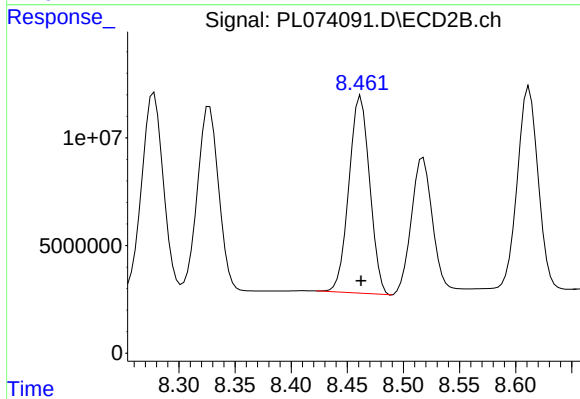
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 122982355
Conc: 57.13 ng/ml m



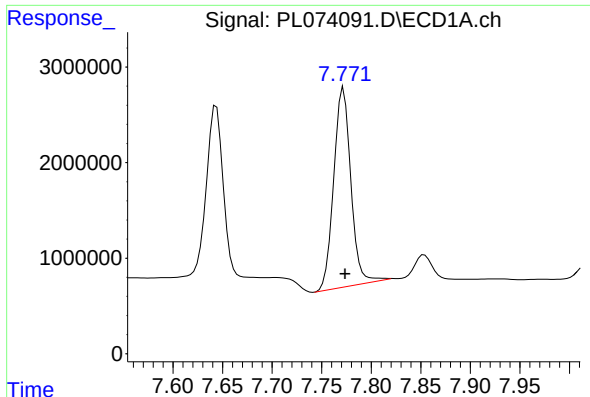
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 20754246
Conc: 56.89 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 117781808
Conc: 59.14 ng/ml



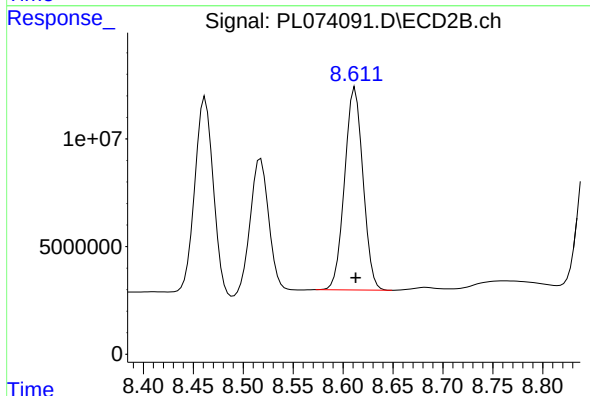
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 25288380
Conc: 58.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

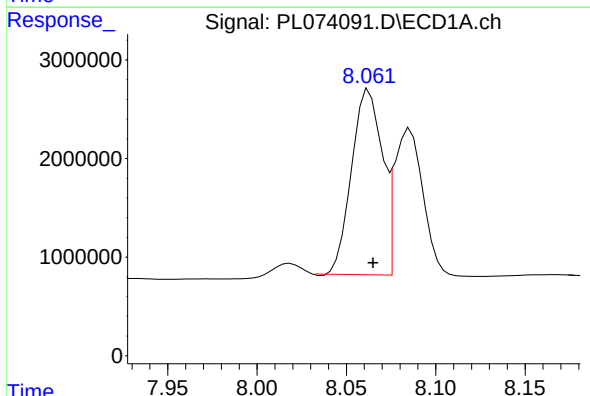
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



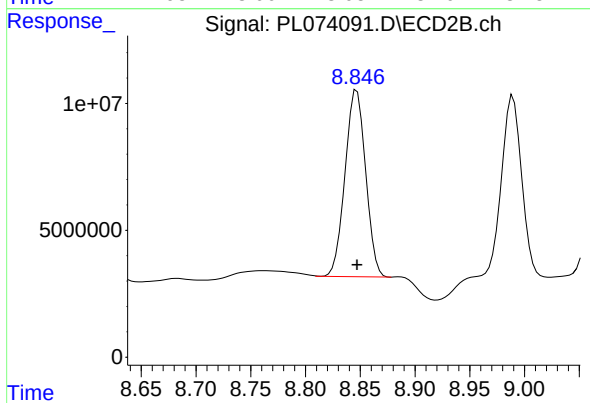
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 120557284
Conc: 60.12 ng/ml



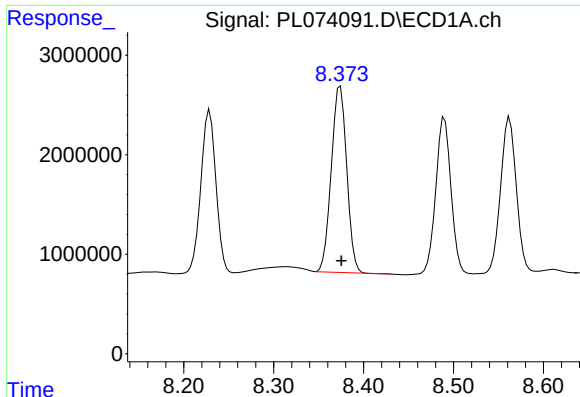
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 22328611
Conc: 54.96 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 96413955
Conc: 56.93 ng/ml m



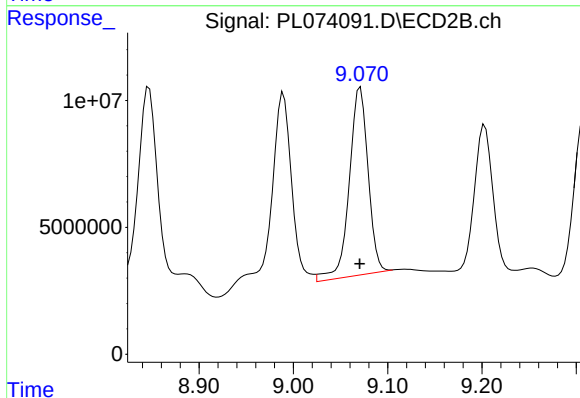
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: -0.001 min
Response: 22362704
Conc: 54.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

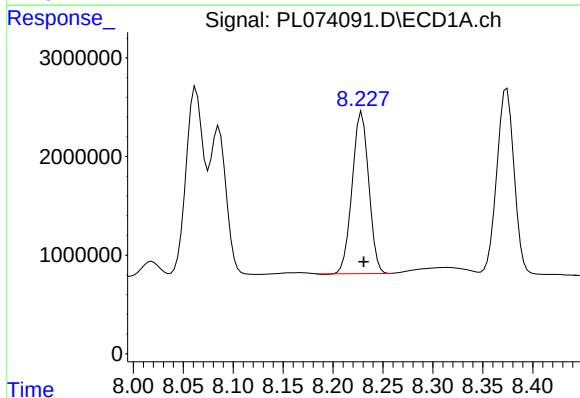
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



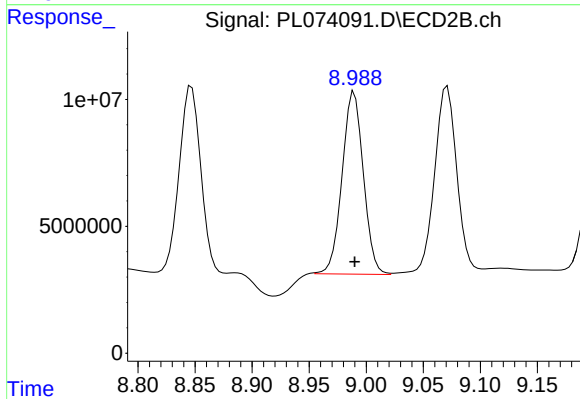
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 102683710
Conc: 59.11 ng/ml



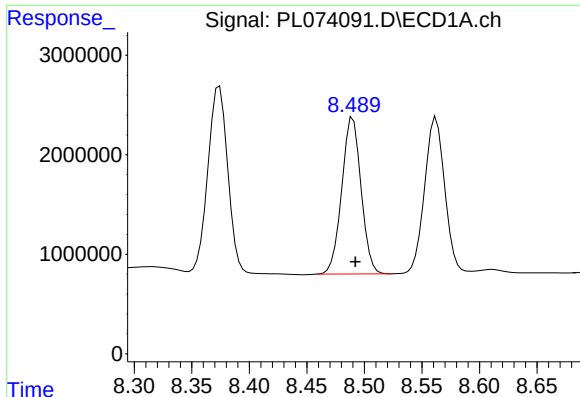
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 18943119
Conc: 58.66 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 93238852
Conc: 60.60 ng/ml m



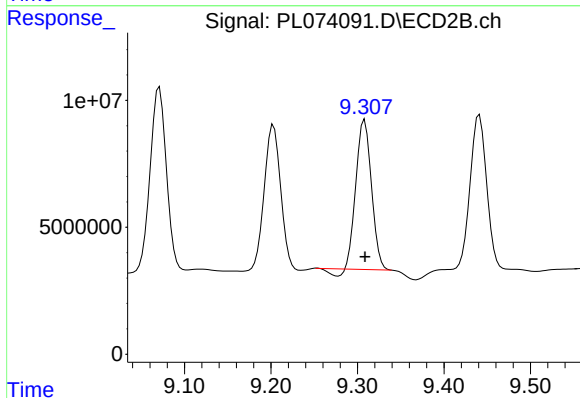
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 18465658
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

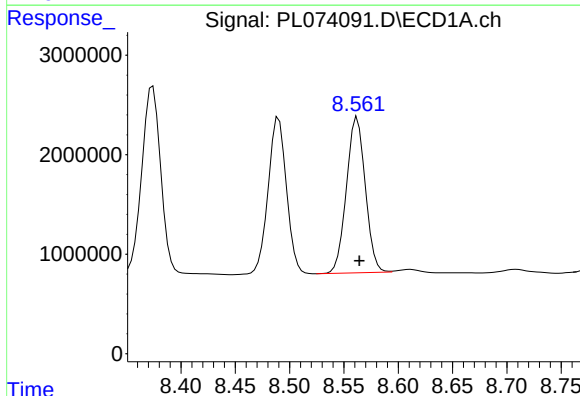
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



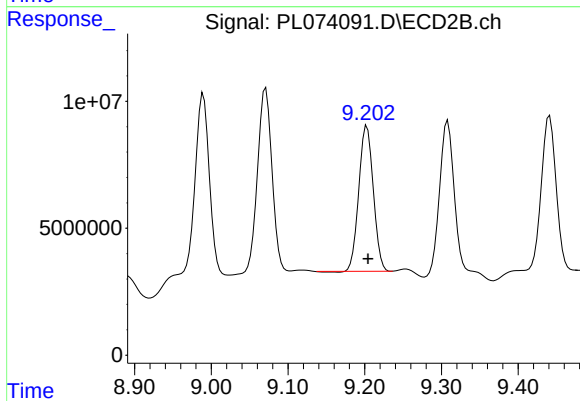
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 71712991
Conc: 40.45 ng/ml



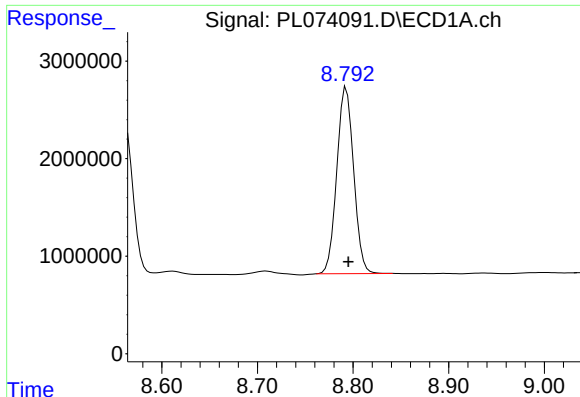
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.002 min
Response: 18928334
Conc: 58.50 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 75696781
Conc: 58.61 ng/ml



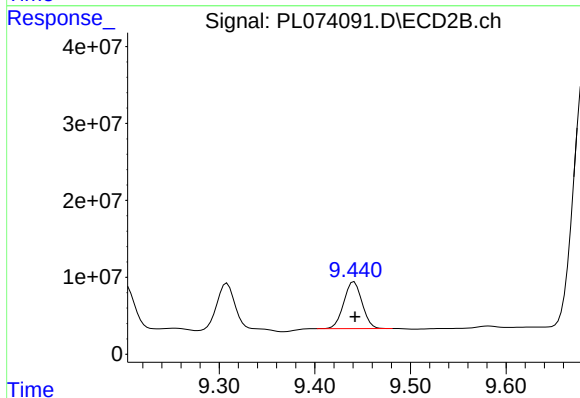
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 23402294
Conc: 54.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

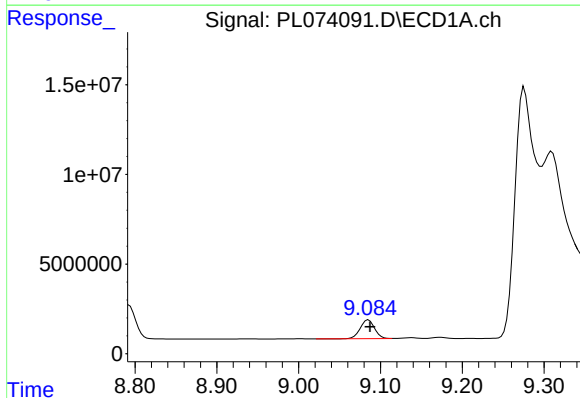
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



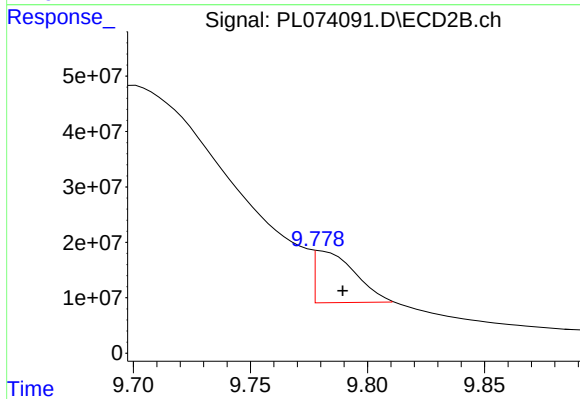
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 81297216
Conc: 48.85 ng/ml



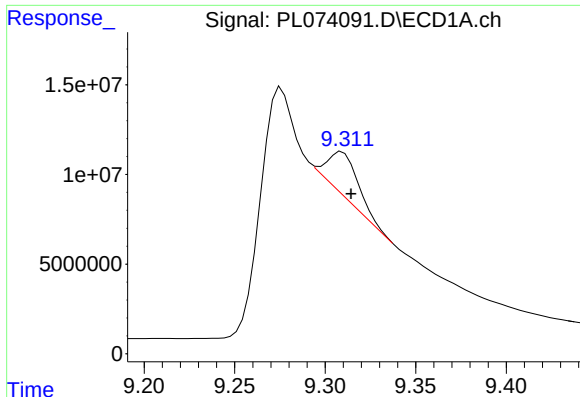
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 12829459
Conc: 51.68 ng/ml



#20 Methoxychlor

R.T.: 9.778 min
Delta R.T.: -0.012 min
Response: 105046143
Conc: 109.21 ng/ml m



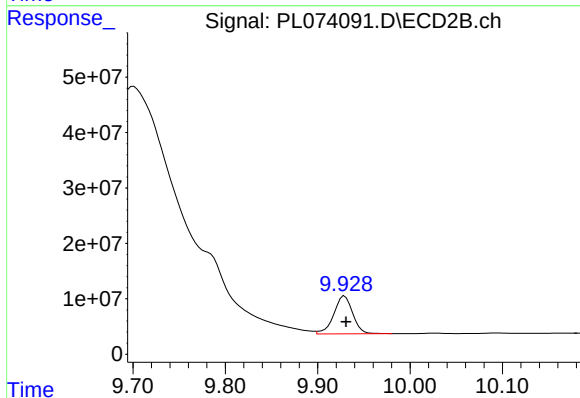
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 27030285
Conc: 55.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

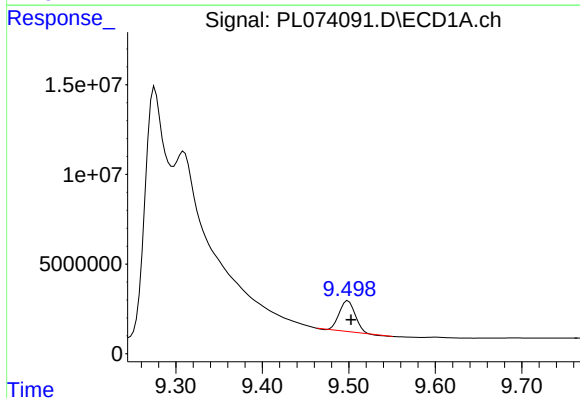
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



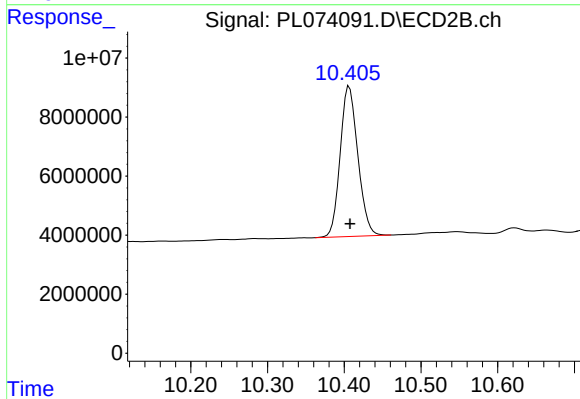
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 97830863
Conc: 56.52 ng/ml



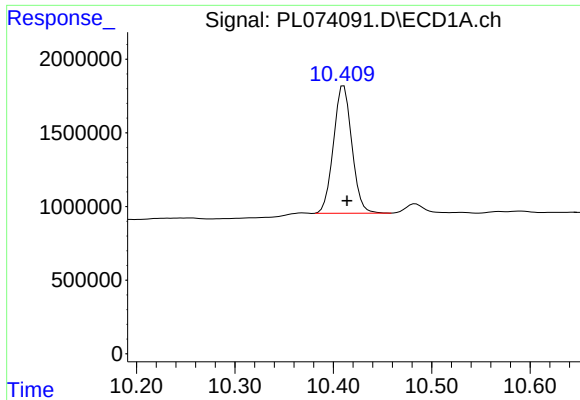
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 20786758
Conc: 44.57 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 81840649
Conc: 59.42 ng/ml



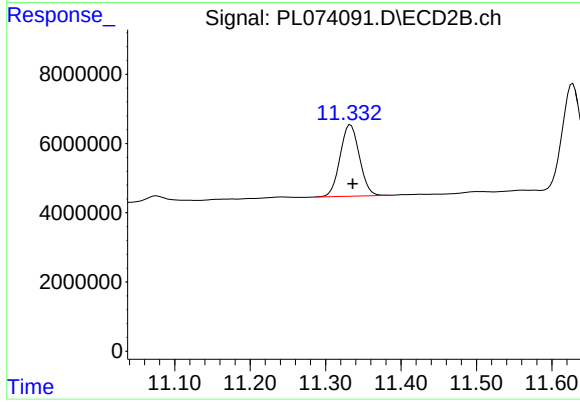
#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 11268966
Conc: 21.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 36750818
Conc: 20.81 ng/ml