

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2022 00:23
 Operator : AR\AJ
 Sample : PB144161BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144161BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 03:45:20 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...	4.637	5.490	7697857	41923720	23.824	23.513
28)	SA Decachlor...	10.410	11.333	11672039	38683716	22.445	21.901
Target Compounds							
2)	A alpha-BHC	5.345	6.054	24492323	157.6E6	58.362	62.588
3)	MA gamma-BHC...	5.769	6.443	24407731	147.8E6	58.197	62.442
4)	MA Heptachlor	6.179	7.102	25588212	155.1E6	56.805	59.457
5)	MB Aldrin	6.503	7.470	23889366	147.6E6	57.558m	62.850
6)	B beta-BHC	6.149	6.680	12126373	65764971	59.348	58.353
7)	B delta-BHC	6.411	6.947	23664373	146.9E6	57.206	60.137
8)	B Heptachlo...	7.081	7.926	25113641	140.7E6	58.549	62.511
9)	A Endosulfan I	7.484	8.327	23908942	124.1E6	58.297	63.019
10)	B gamma-Chl...	7.359	8.194	25300379	136.8E6	57.686	61.347
11)	B alpha-Chl...	7.428	8.277	25605543	133.8E6	57.961	62.176
12)	B 4,4'-DDE	7.642	8.462	21957071	127.1E6	60.186	63.822
13)	MA Dieldrin	7.770	8.612	24649825	124.5E6	57.382m	62.068
14)	MA Endrin	8.062	8.846	23904246	104.9E6	58.844	61.930
15)	B Endosulfa...	8.372	9.070	23252572	100.8E6	56.416	58.028
16)	A 4,4'-DDD	8.228	8.989	20710168	108.2E6	64.133	70.292
17)	MA 4,4'-DDT	8.490	9.308	20076130	94498955	54.313	53.309
18)	B Endrin al...	8.561	9.203	18748859	76999539	57.947	59.615
19)	B Endosulfa...	8.792	9.441	24314714	96861151	56.940	58.198
20)	A Methoxychlor	9.085	9.788	13214918	53619304	53.228	55.746
21)	B Endrin ke...	9.310	9.929	29461203	98524679	60.303m	56.920
22)	Mirex	9.497	10.406	28670380	87405765	61.471m	63.457

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
Data File : PL074129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2022 00:23
Operator : AR\AJ
Sample : PB144161BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB144161BS

Manual Integrations

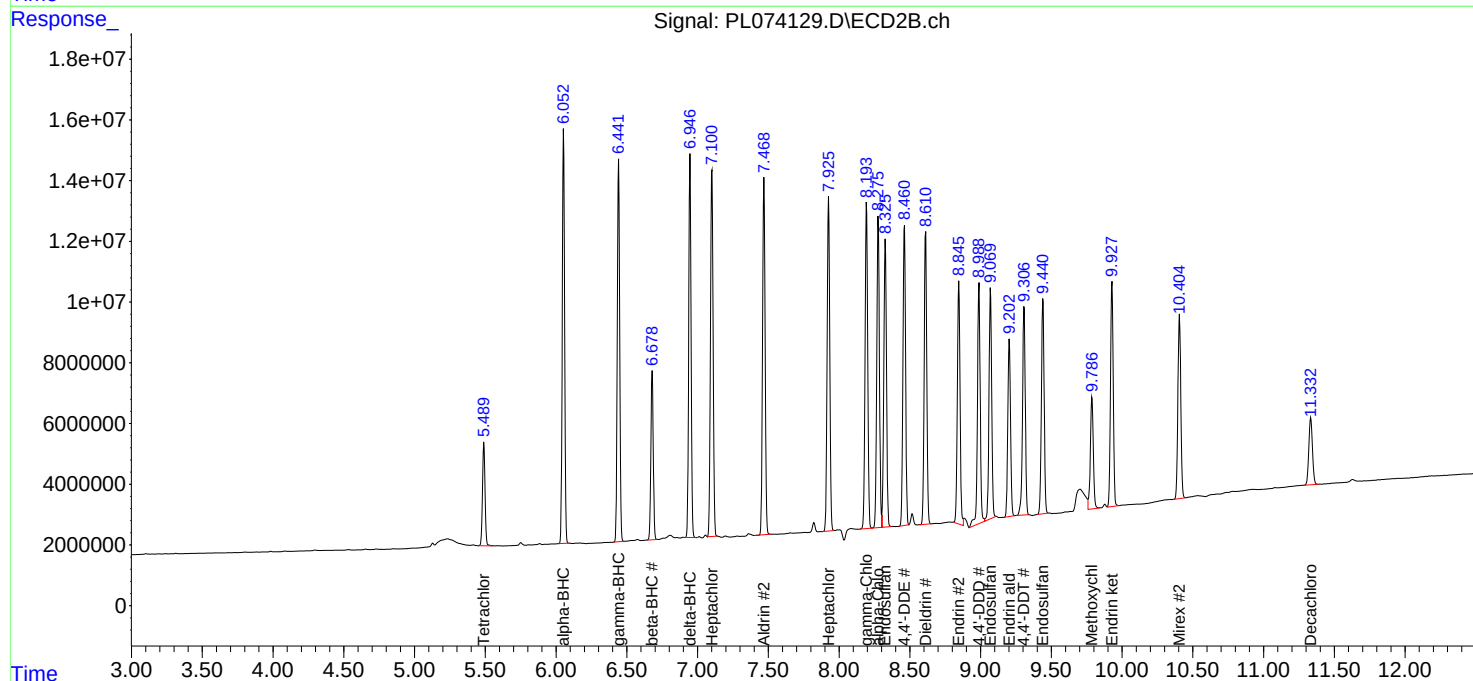
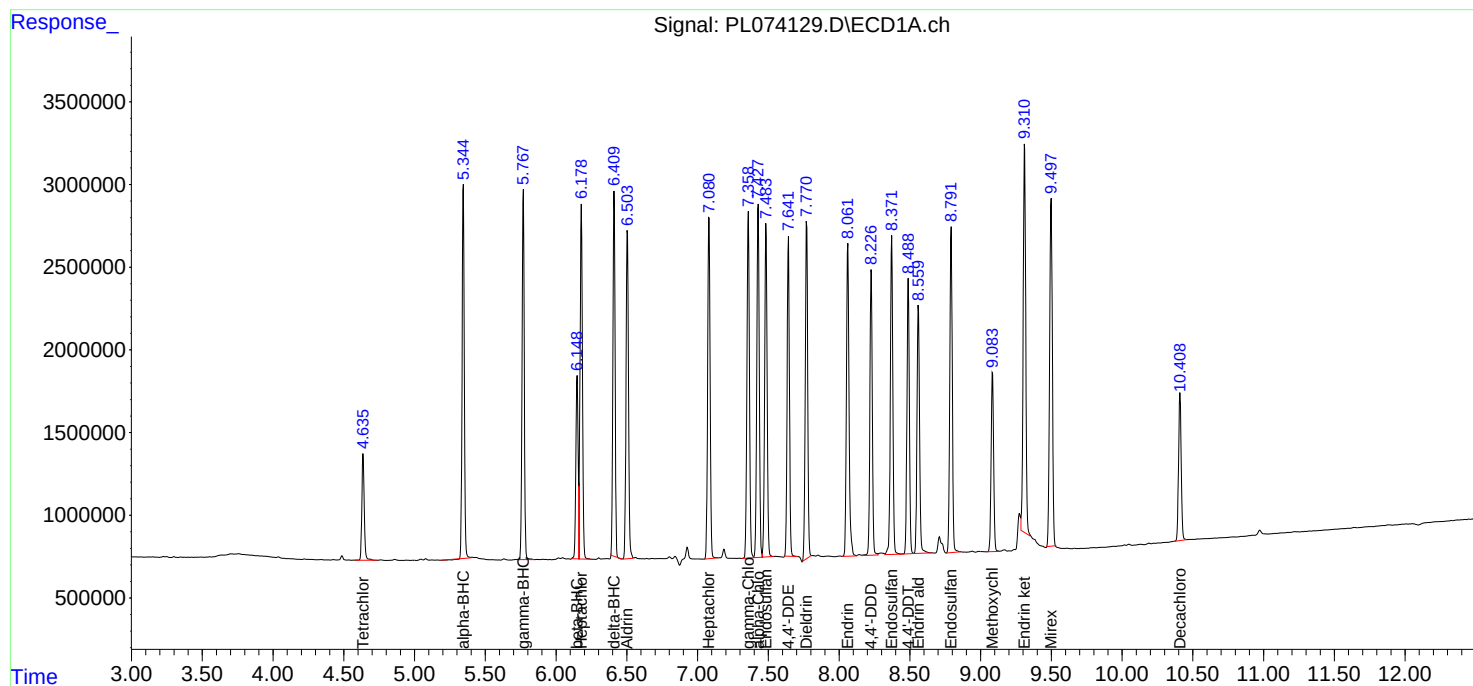
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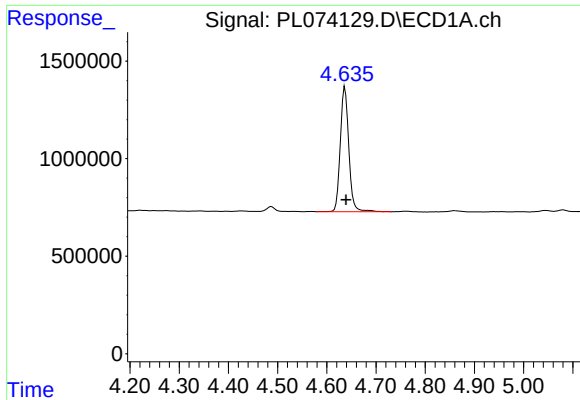
Reviewed By :Abdul Mirza 04/18/2022

Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 03:45:20 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





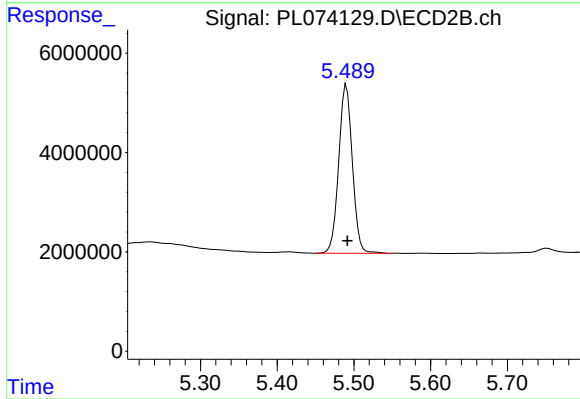
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 7697857
Conc: 23.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

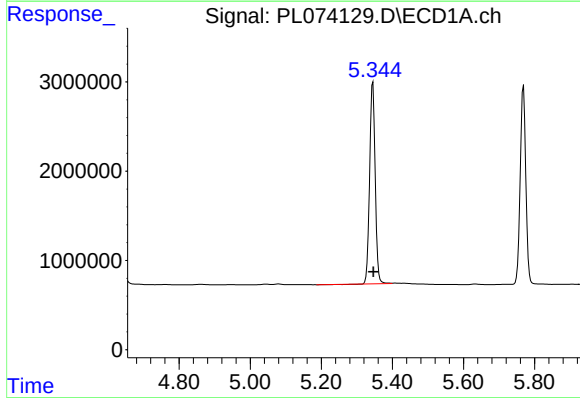
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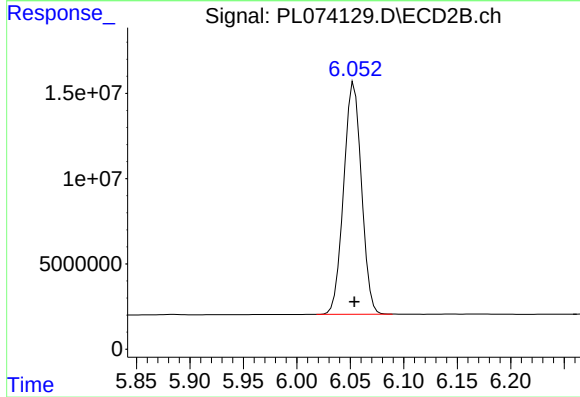
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 41923720
Conc: 23.51 ng/ml



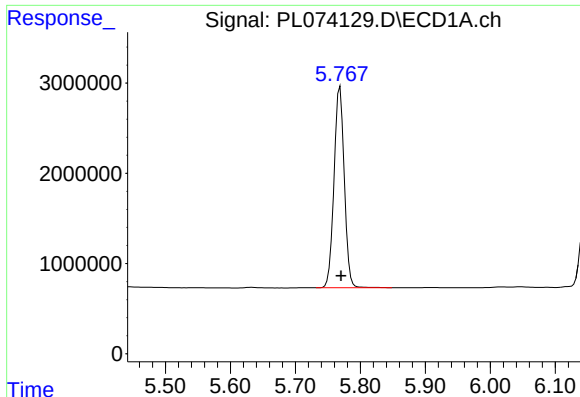
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 24492323
Conc: 58.36 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 157601785
Conc: 62.59 ng/ml



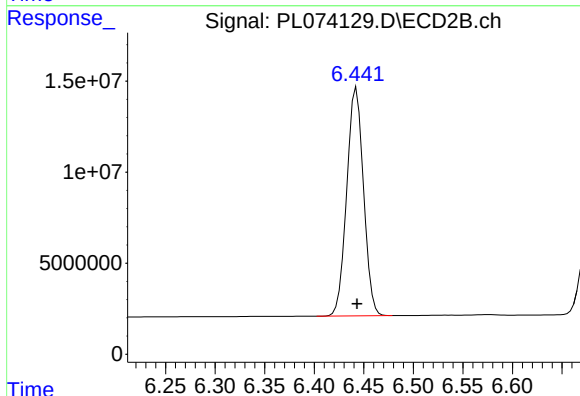
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 24407731
Conc: 58.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

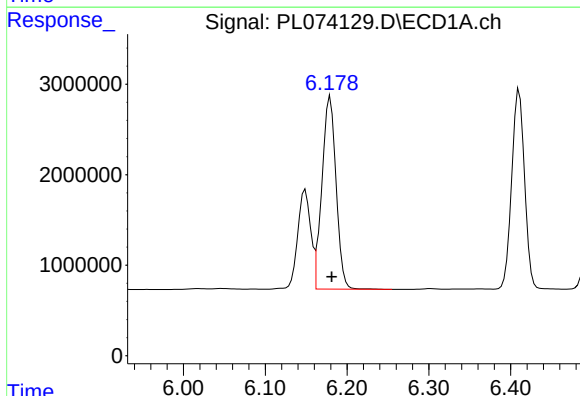
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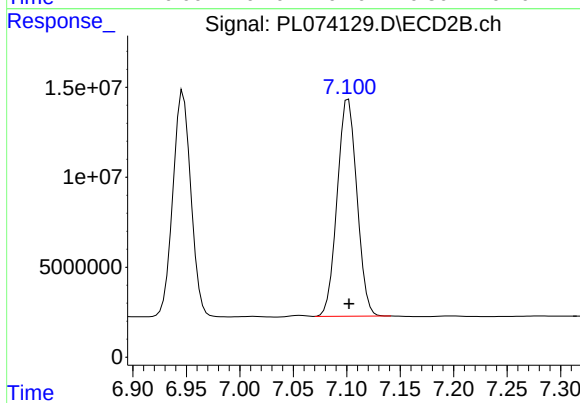
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 147807904
Conc: 62.44 ng/ml



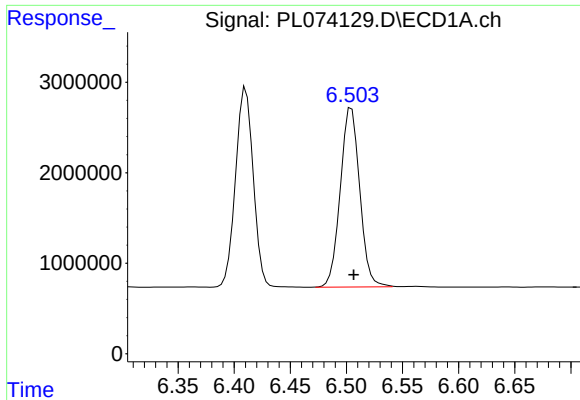
#4 Heptachlor

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 25588212
Conc: 56.80 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 155088333
Conc: 59.46 ng/ml



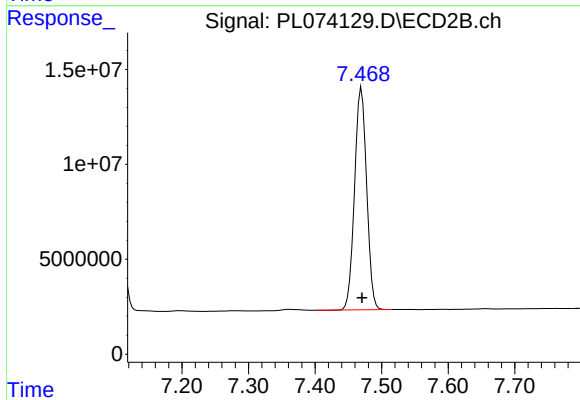
#5 Aldrin

R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 23889366
Conc: 57.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

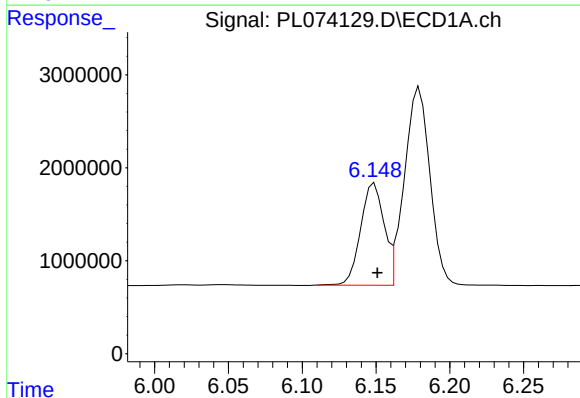
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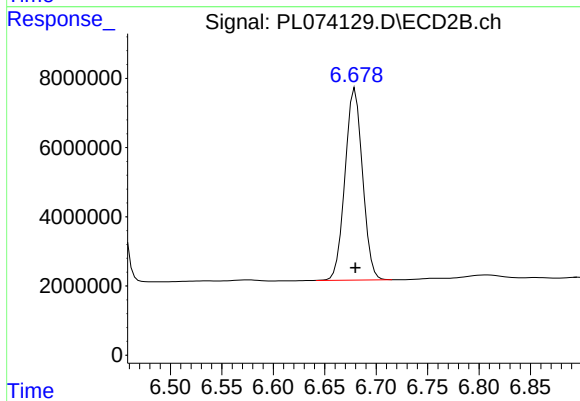
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 147610397
Conc: 62.85 ng/ml



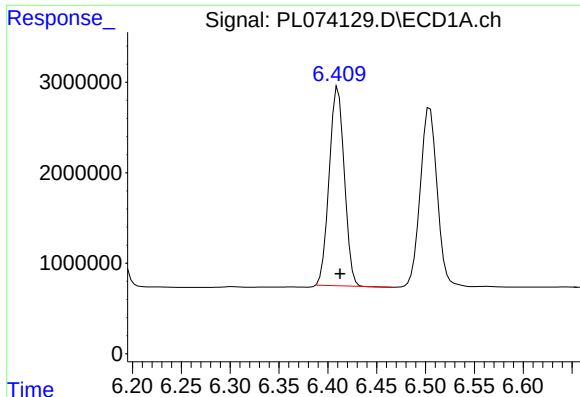
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 12126373
Conc: 59.35 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 65764971
Conc: 58.35 ng/ml



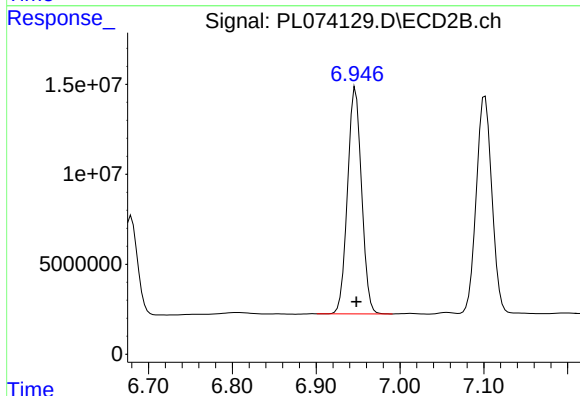
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 23664373
Conc: 57.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

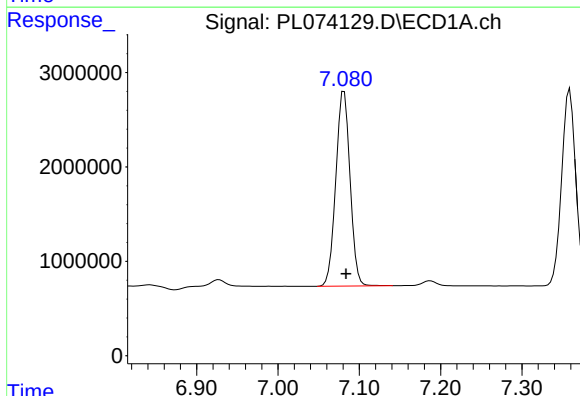
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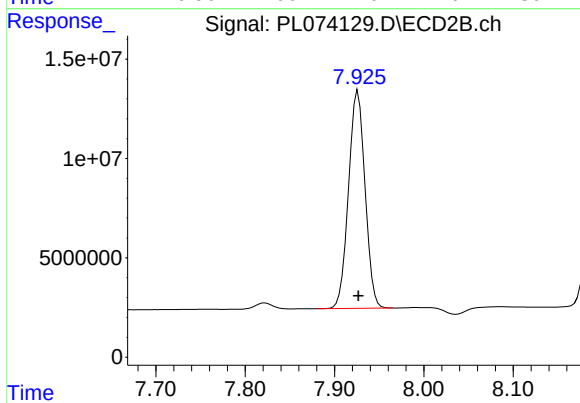
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 146871115
Conc: 60.14 ng/ml



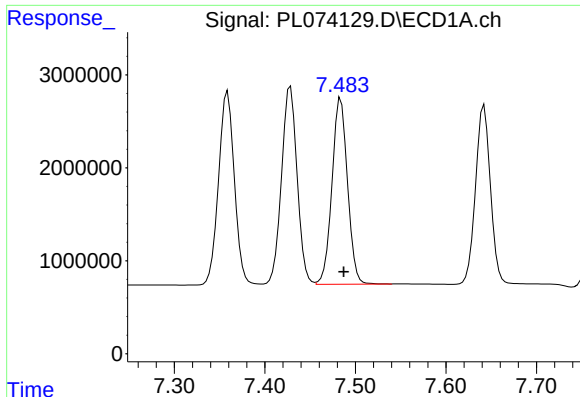
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 25113641
Conc: 58.55 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 140747296
Conc: 62.51 ng/ml



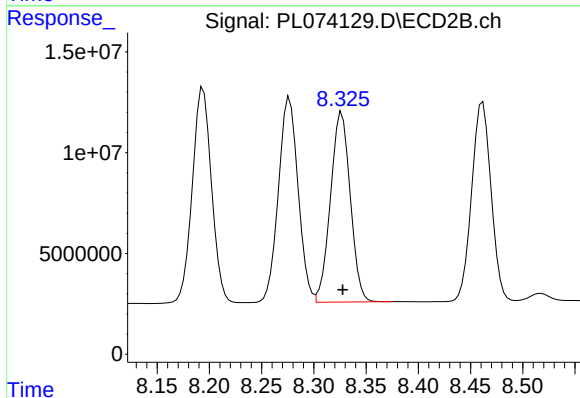
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 23908942
Conc: 58.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

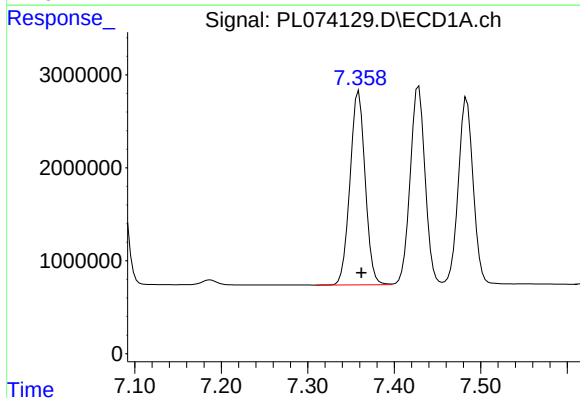
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Supervised By :mohammad ahmed 04/18/2022



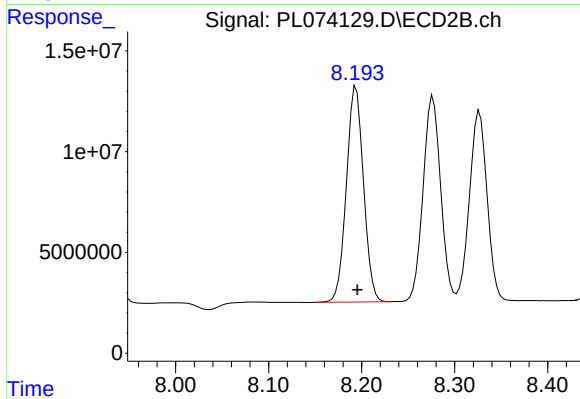
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 124063129
Conc: 63.02 ng/ml



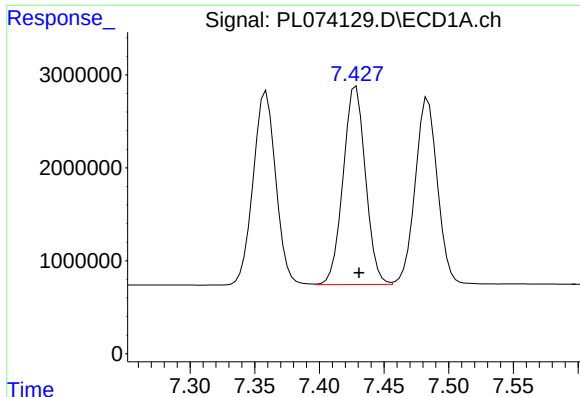
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 25300379
Conc: 57.69 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 136826507
Conc: 61.35 ng/ml



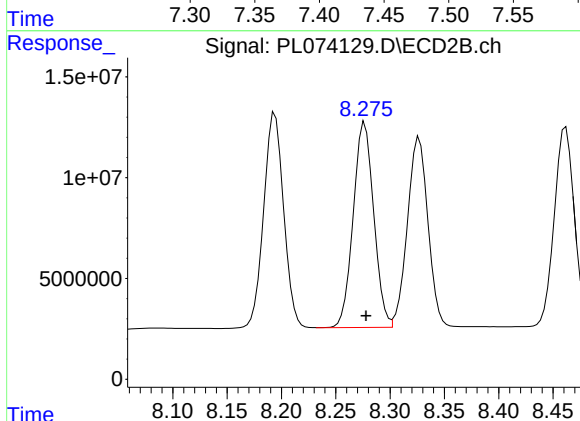
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 25605543
Conc: 57.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

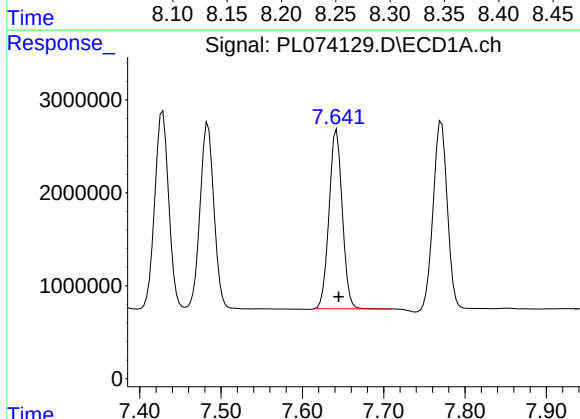
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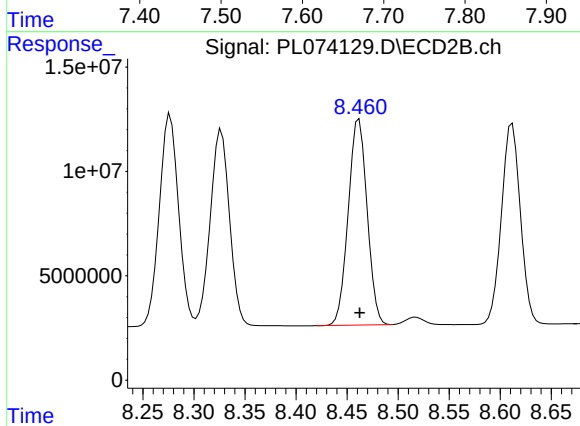
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 133838806
Conc: 62.18 ng/ml



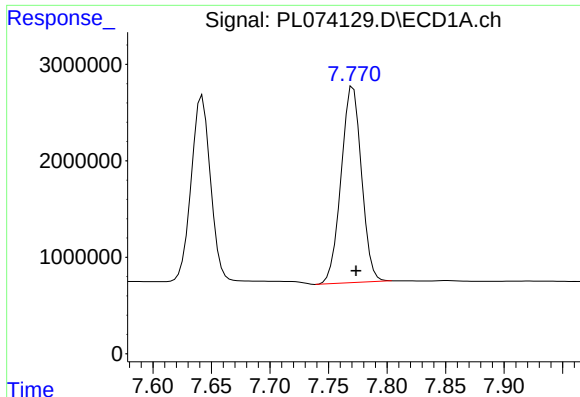
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 21957071
Conc: 60.19 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 127113770
Conc: 63.82 ng/ml



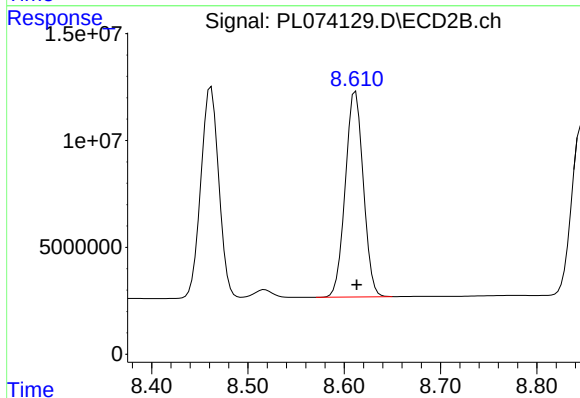
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 24649825
Conc: 57.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

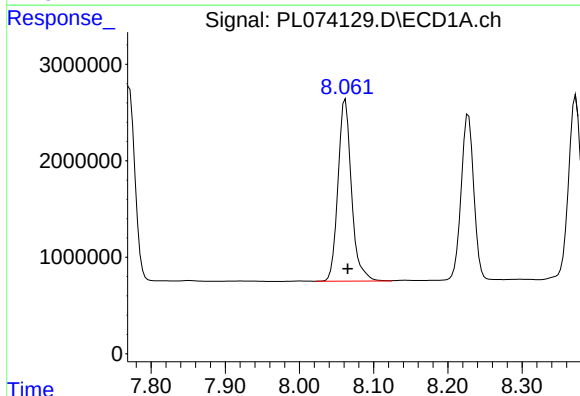
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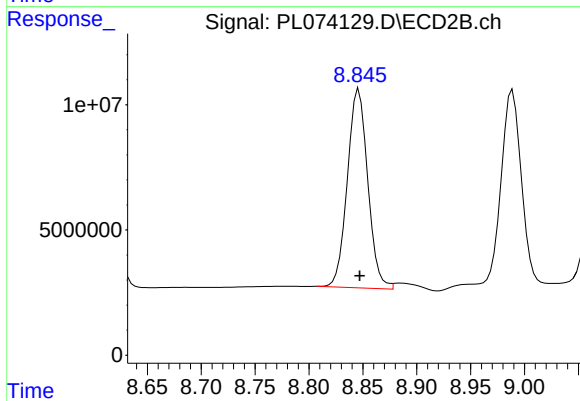
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 124463874
Conc: 62.07 ng/ml



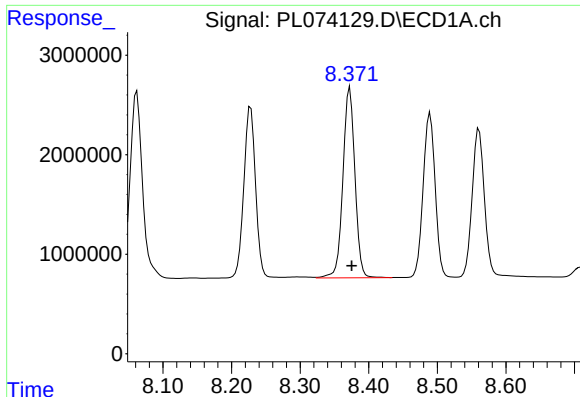
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 23904246
Conc: 58.84 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 104889231
Conc: 61.93 ng/ml



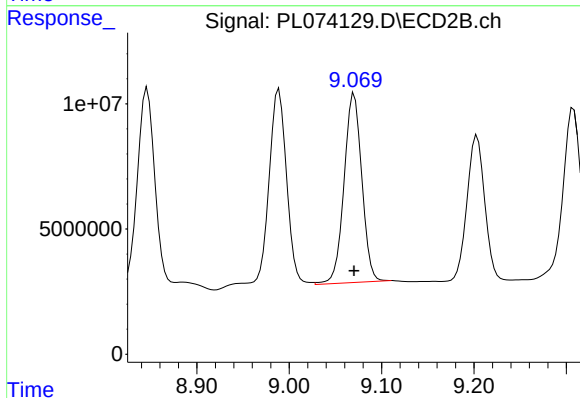
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: -0.003 min
Response: 23252572
Conc: 56.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

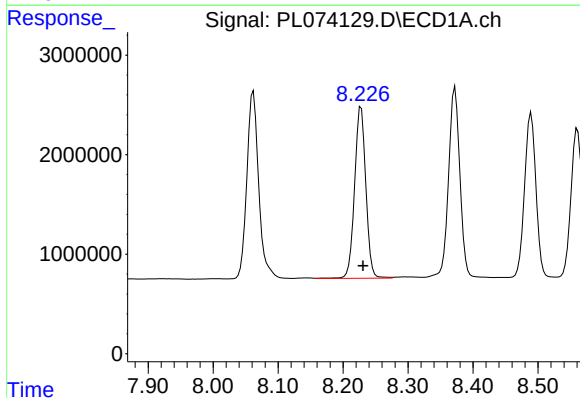
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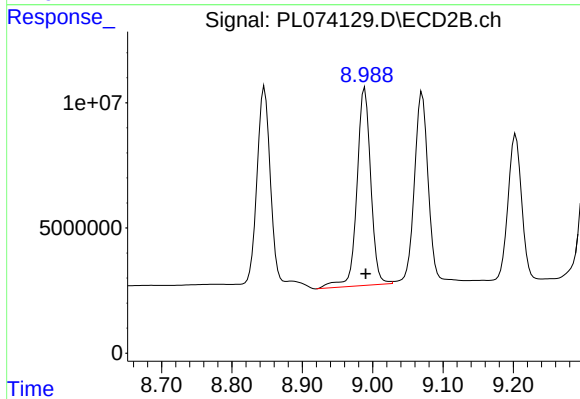
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 100808789
Conc: 58.03 ng/ml



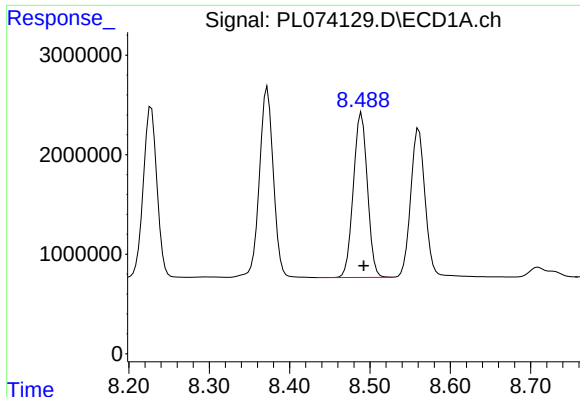
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 20710168
Conc: 64.13 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 108151919
Conc: 70.29 ng/ml



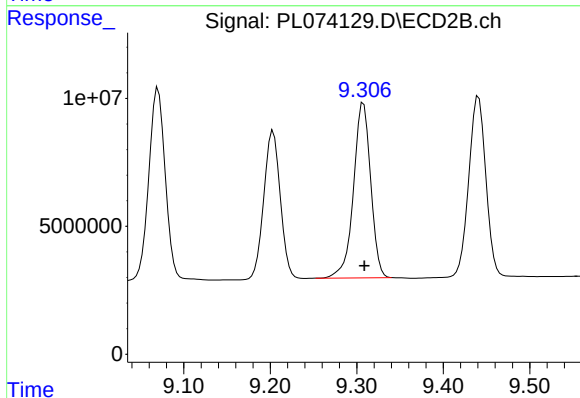
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.003 min
Response: 20076130
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

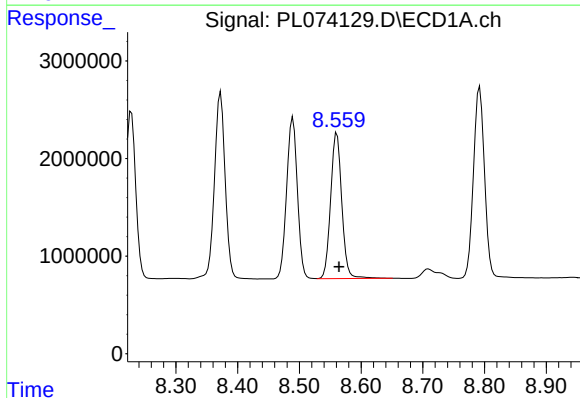
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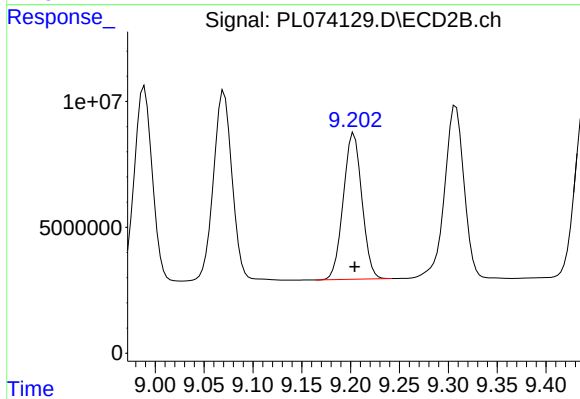
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 94498955
Conc: 53.31 ng/ml



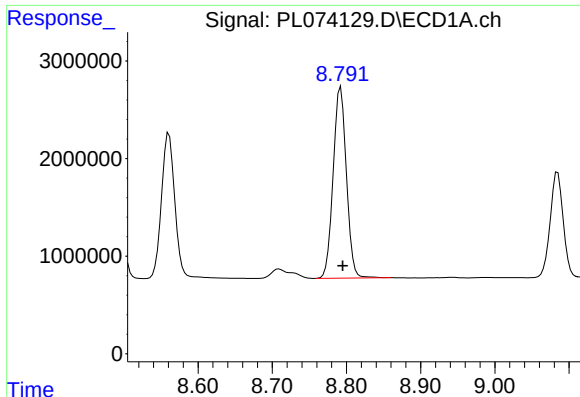
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 18748859
Conc: 57.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.000 min
Response: 76999539
Conc: 59.61 ng/ml



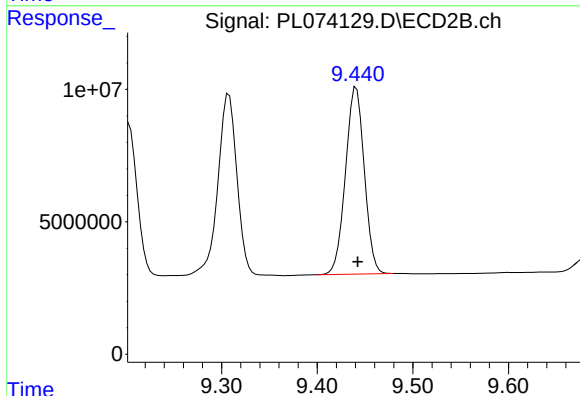
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 24314714
Conc: 56.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

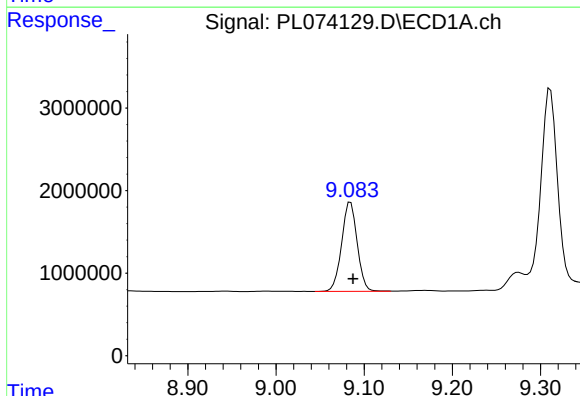
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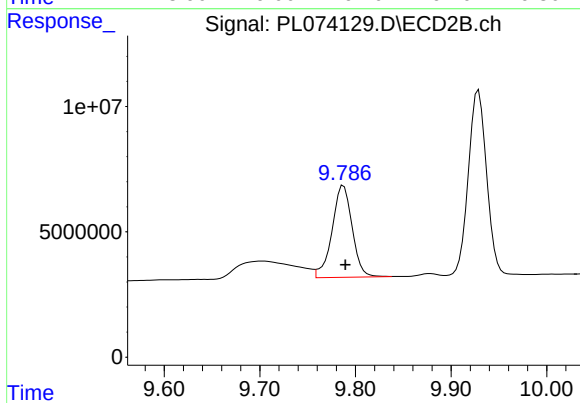
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 96861151
Conc: 58.20 ng/ml



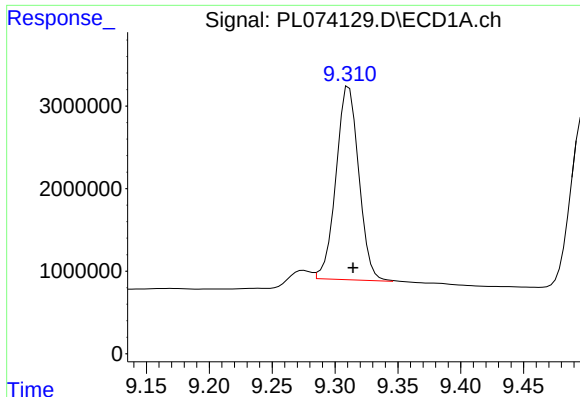
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.003 min
Response: 13214918
Conc: 53.23 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 53619304
Conc: 55.75 ng/ml



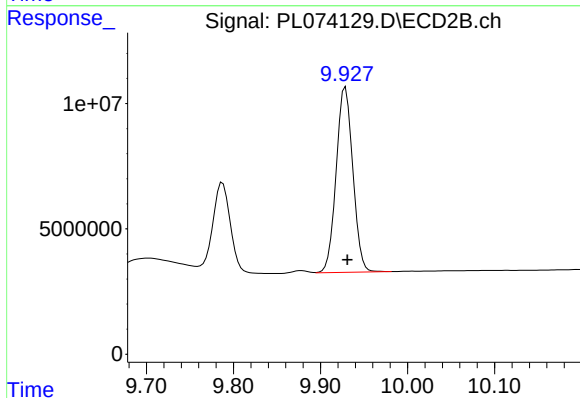
#21 Endrin ketone

R.T.: 9.310 min
Delta R.T.: -0.005 min
Response: 29461203
Conc: 60.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

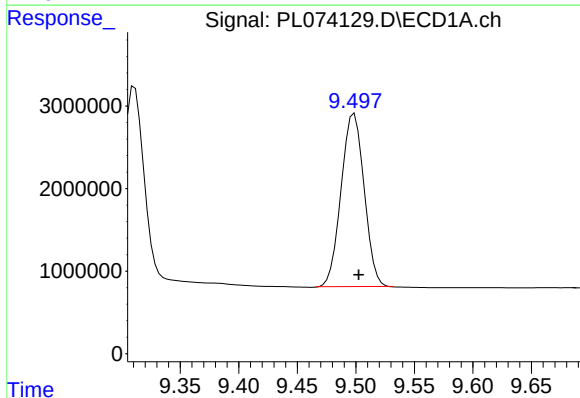
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Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



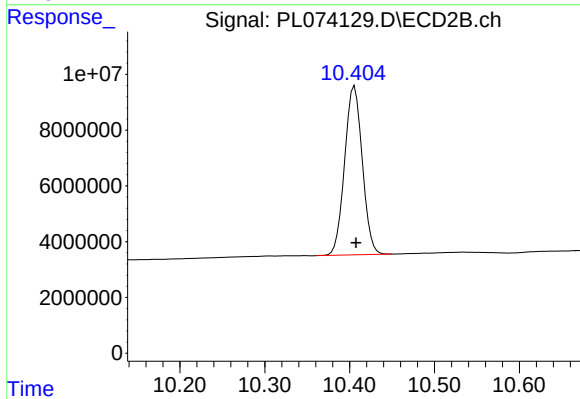
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 98524679
Conc: 56.92 ng/ml



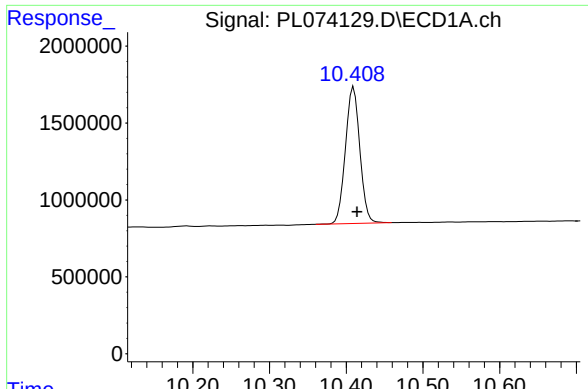
#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.005 min
Response: 28670380
Conc: 61.47 ng/ml m



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 87405765
Conc: 63.46 ng/ml



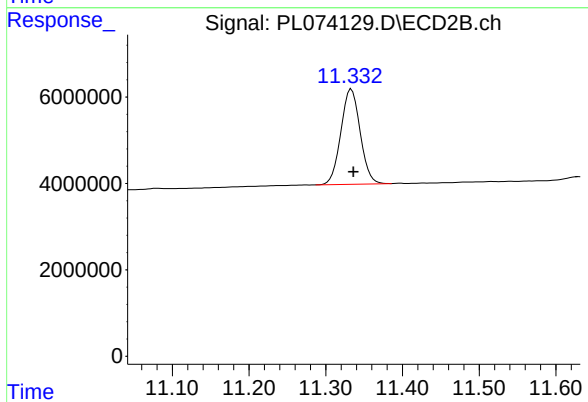
#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 11672039
Conc: 22.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144161BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 38683716
Conc: 21.90 ng/ml