

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 11:24
 Operator : AR\AJ
 Sample : N2239-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/12/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:03:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.640	5.490	6096227	33787060	18.867	18.950
28)	SA Decachlor...	10.412	11.333	11135245	38947991	21.413	22.051
Target Compounds							
2)	A alpha-BHC	5.347	6.053	22107571	136.1E6	52.679	54.039
3)	MA gamma-BHC...	5.771	6.441	23525633	126.5E6	56.094	53.456m
4)	MA Heptachlor	6.180	7.101	22196757	133.3E6	49.276m	51.119
5)	MB Aldrin	6.507	7.470	21755623	128.4E6	52.417	54.664
6)	B beta-BHC	6.150	6.678	11161767	55616245	54.627m	49.348
7)	B delta-BHC	6.413	6.946	21591425	133.5E6	52.194	54.668
8)	B Heptachlo...	7.084	7.925	21898311	114.6E6	51.052	50.905
9)	A Endosulfan I	7.487	8.326	21160880	104.9E6	51.597	53.263
10)	B gamma-Chl...	7.361	8.194	22294148	116.0E6	50.831	52.003
11)	B alpha-Chl...	7.431	8.276	22460401	113.3E6	50.841	52.613
12)	B 4,4'-DDE	7.645	8.461	18740382	105.7E6	51.369	53.070
13)	MA Dieldrin	7.772	8.611	22485009	110.3E6	52.343m	55.004
14)	MA Endrin	8.065	8.846	21299802	94078022	52.432	55.547
15)	B Endosulfa...	8.375	9.069	21550068	91768025	52.286	52.824
16)	A 4,4'-DDD	8.230	8.988	16649716	83466861	51.559	54.249
17)	MA 4,4'-DDT	8.492	9.307	18397287	87728164	49.771	49.489
18)	B Endrin al...	8.564	9.202	17843081	75329530	55.147	58.322
19)	B Endosulfa...	8.794	9.440	21961305	88018425	51.429	52.885
20)	A Methoxychlor	9.087	9.787	12182437	48337880	49.070	50.255
21)	B Endrin ke...	9.313	9.928	26003912	93633639	53.226	54.094
22)	Mirex	9.501	10.405	23738738	73734150	50.897	53.531

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

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 ALS Vial : 10 Sample Multiplier: 1

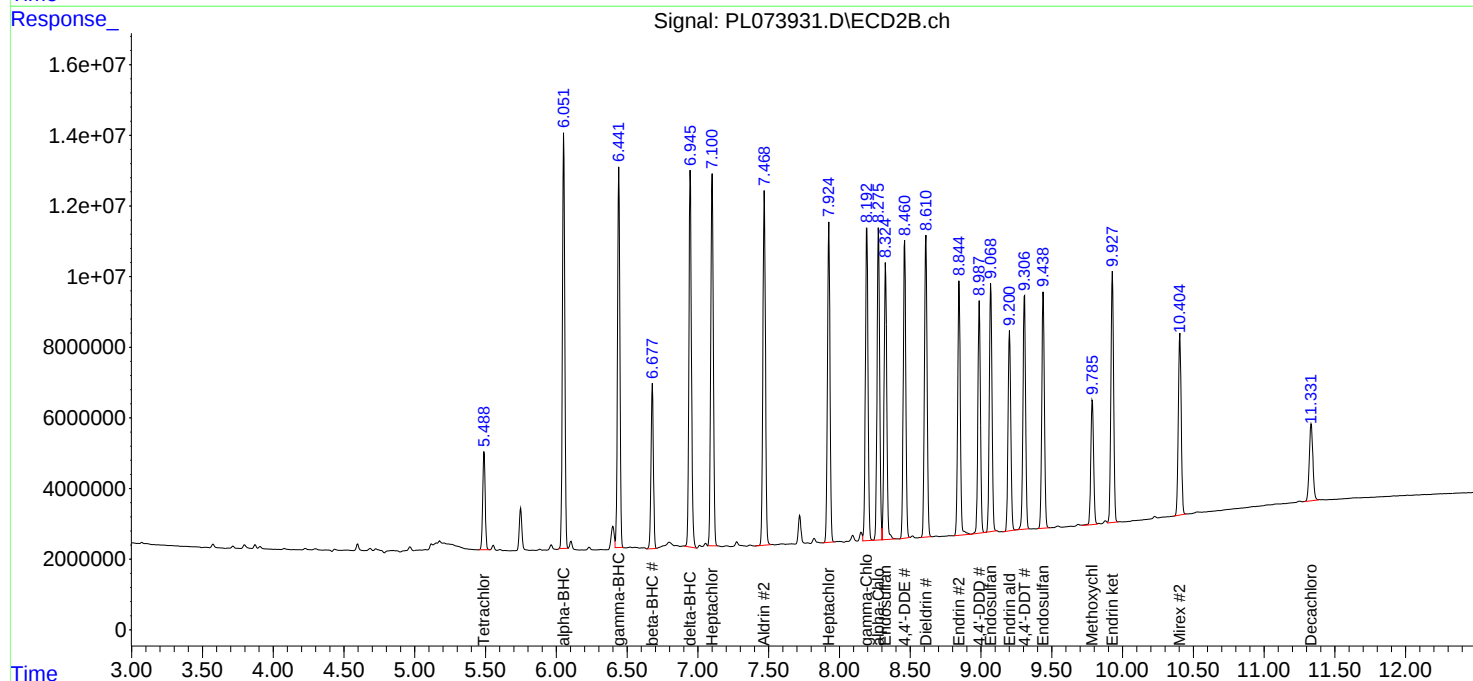
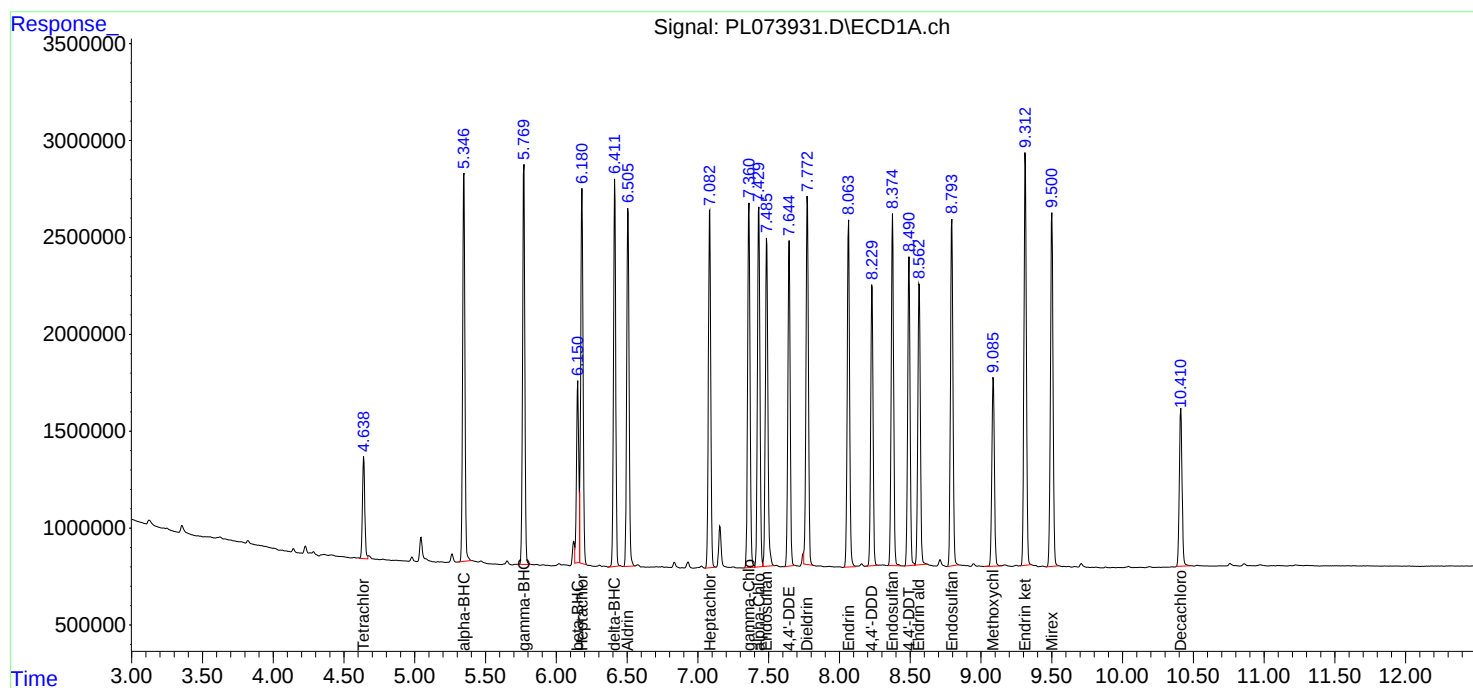
Instrument :
 ECD_L
 ClientSampleId :
 TP-4MSD

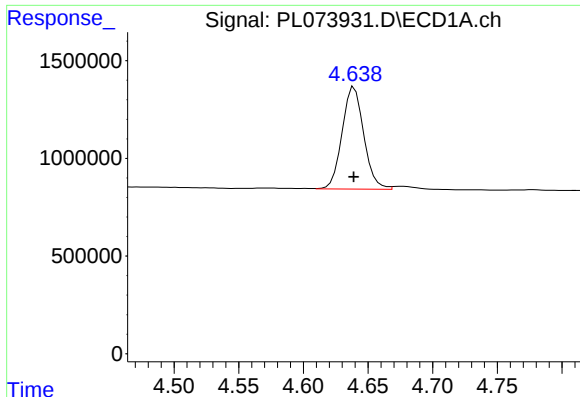
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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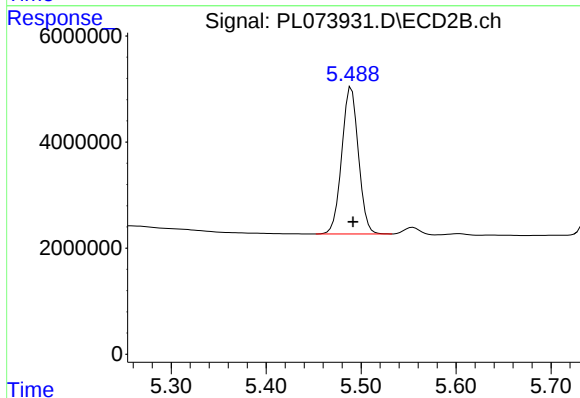
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 6096227
Conc: 18.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

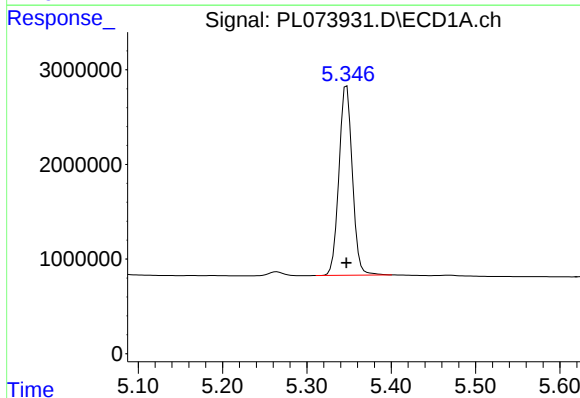
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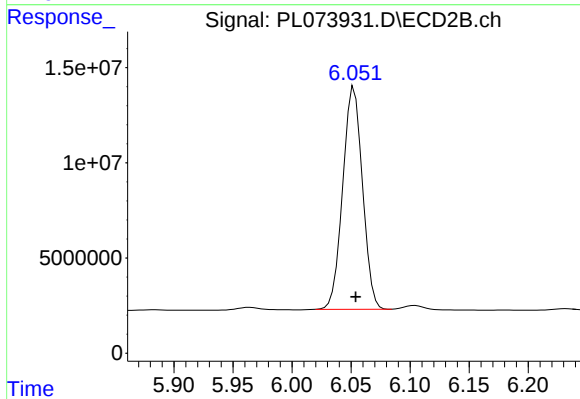
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 33787060
Conc: 18.95 ng/ml



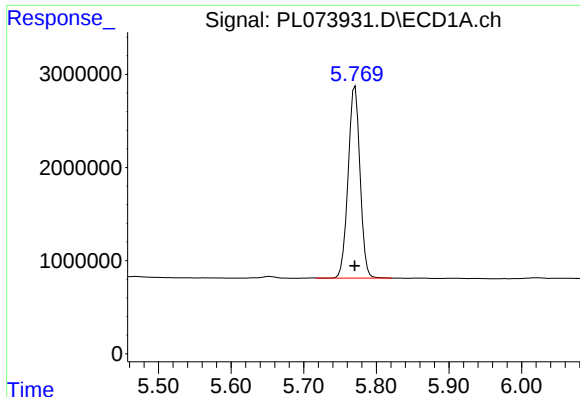
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 22107571
Conc: 52.68 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 136074861
Conc: 54.04 ng/ml



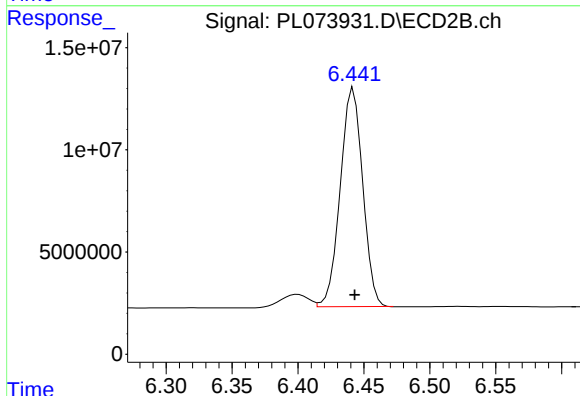
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 23525633
Conc: 56.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

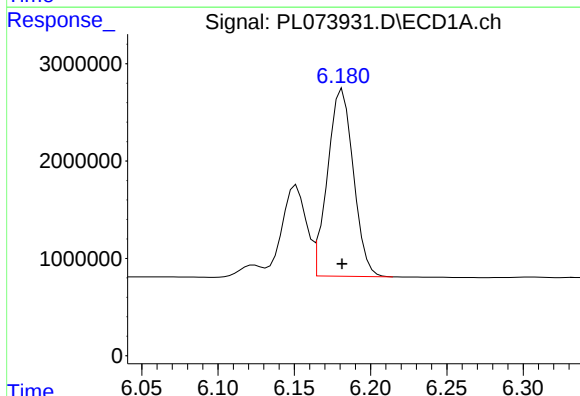
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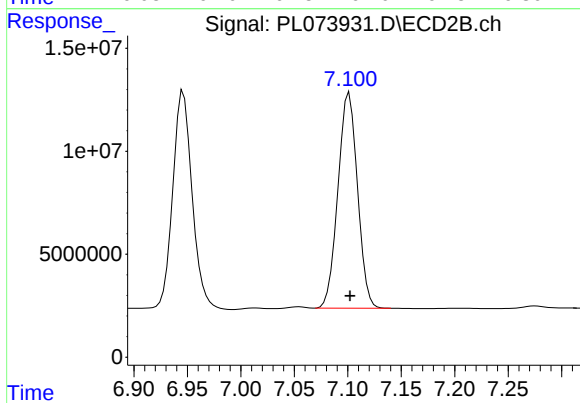
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 126536482
Conc: 53.46 ng/ml m



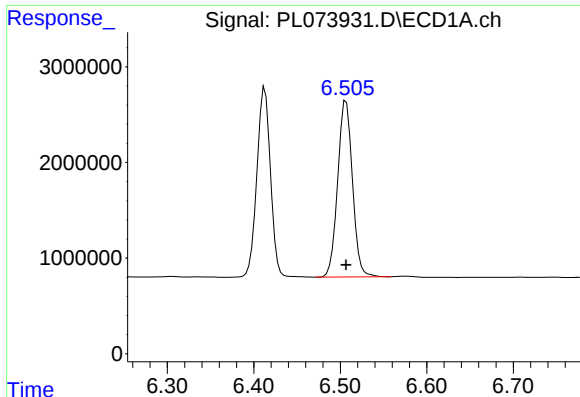
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 22196757
Conc: 49.28 ng/ml m



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 133338827
Conc: 51.12 ng/ml



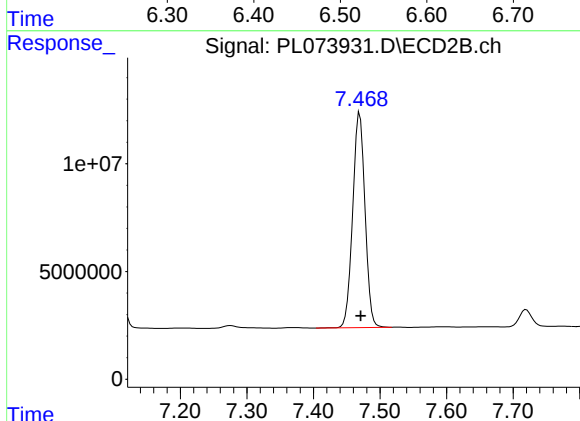
#5 Aldrin

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 21755623
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

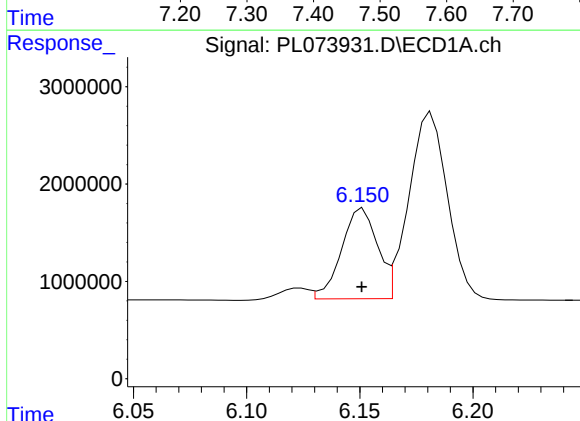
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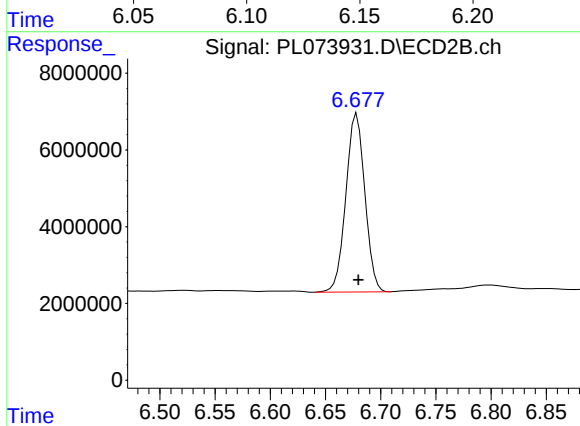
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 128382876
Conc: 54.66 ng/ml



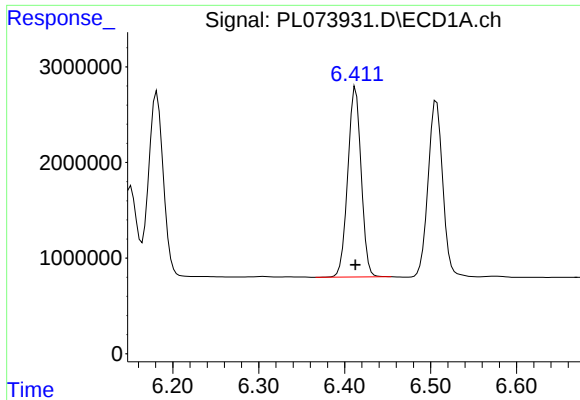
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 11161767
Conc: 54.63 ng/ml m



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 55616245
Conc: 49.35 ng/ml



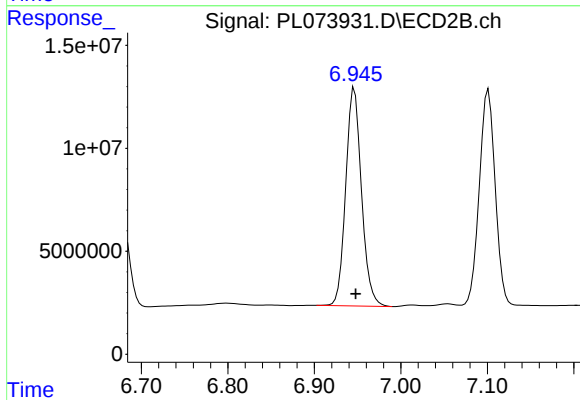
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 21591425
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

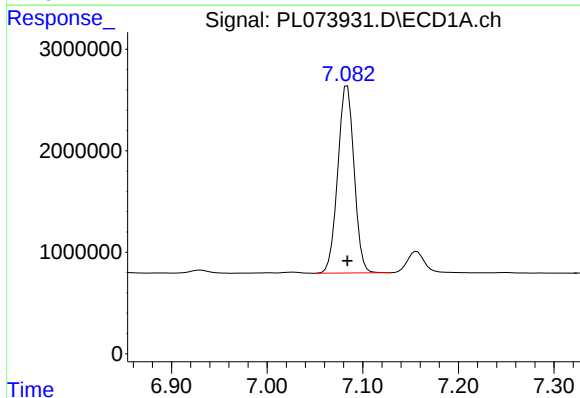
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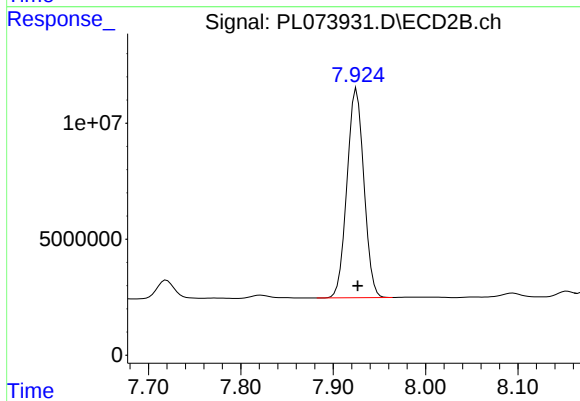
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 133514098
Conc: 54.67 ng/ml



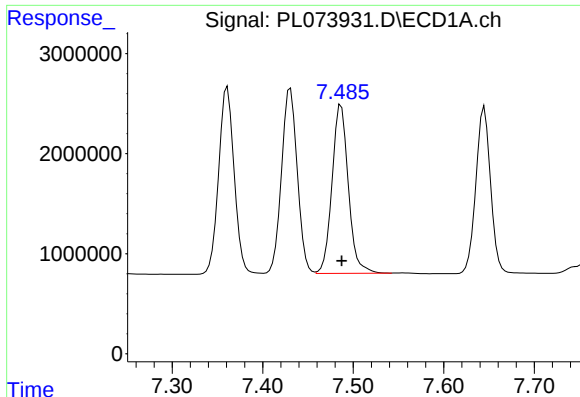
#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 21898311
Conc: 51.05 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 114616047
Conc: 50.91 ng/ml



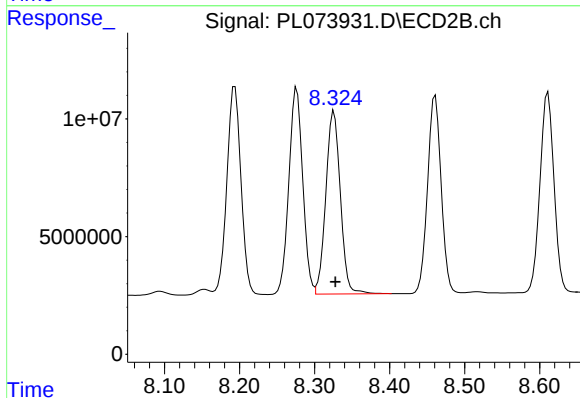
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 21160880
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

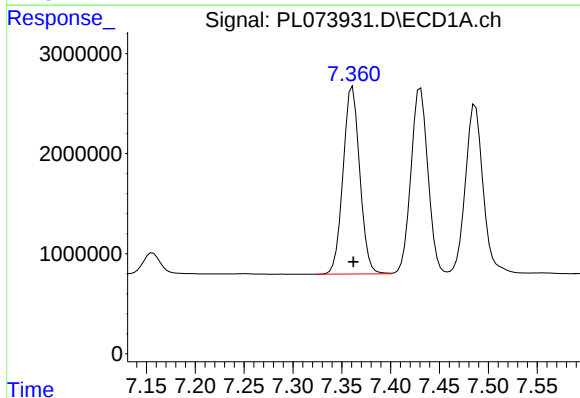
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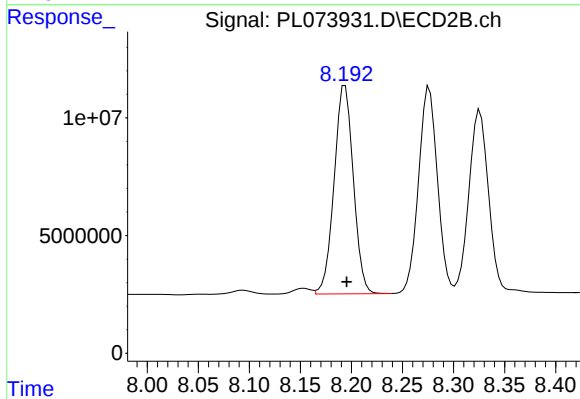
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 104856011
Conc: 53.26 ng/ml



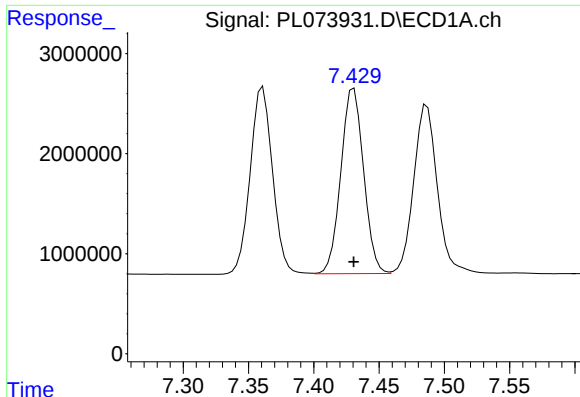
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 22294148
Conc: 50.83 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 115985138
Conc: 52.00 ng/ml



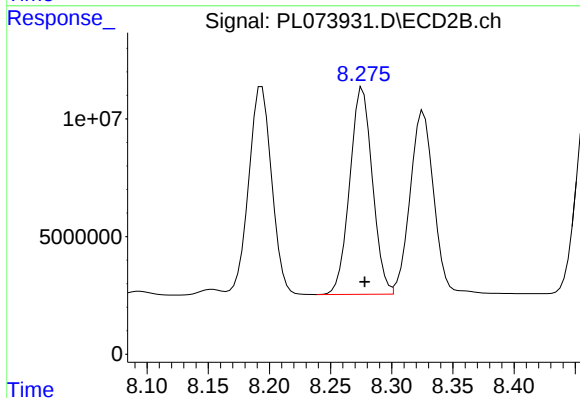
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 22460401
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

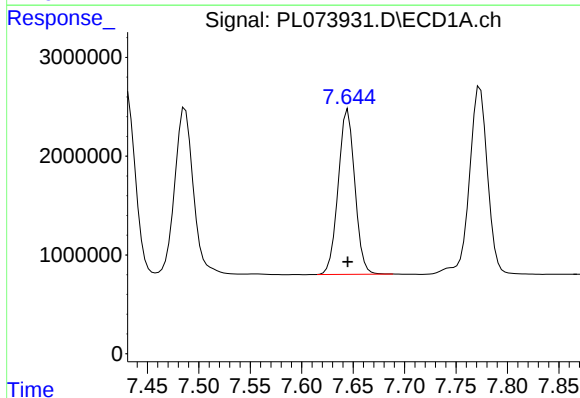
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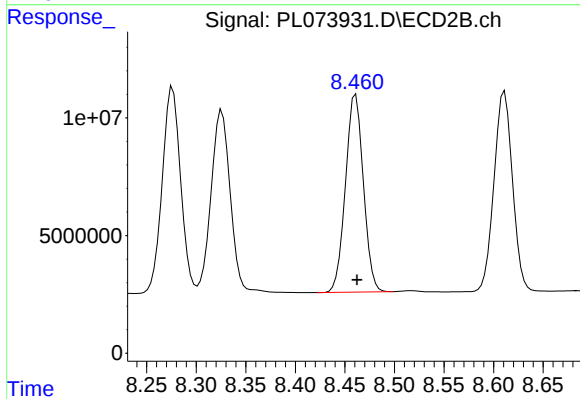
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 113254630
Conc: 52.61 ng/ml



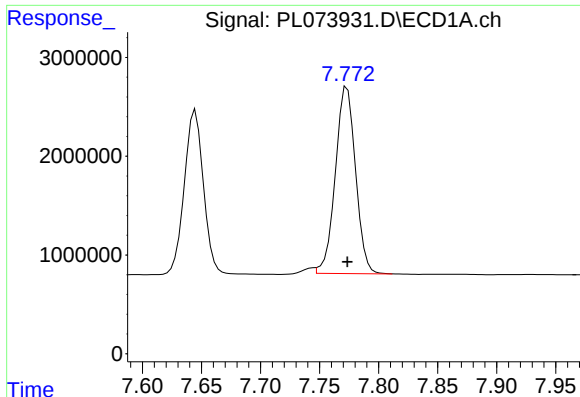
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 18740382
Conc: 51.37 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 105698801
Conc: 53.07 ng/ml



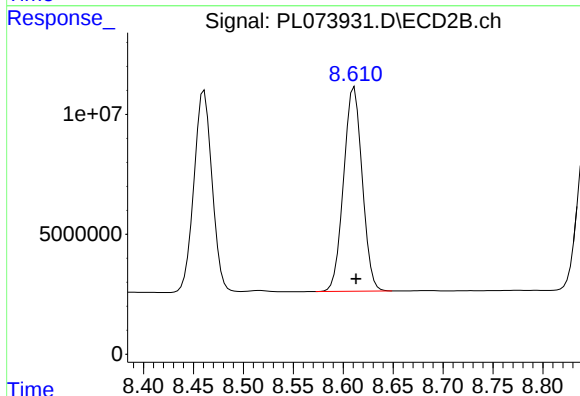
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 22485009
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

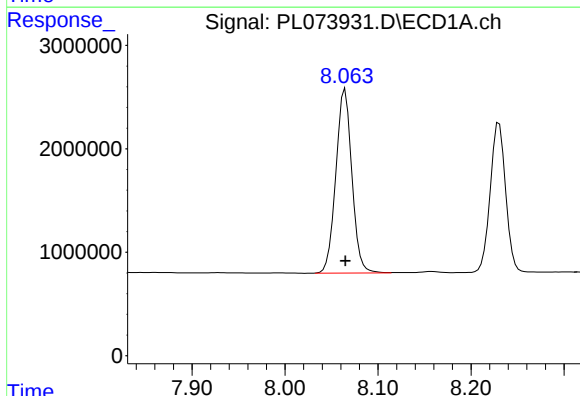
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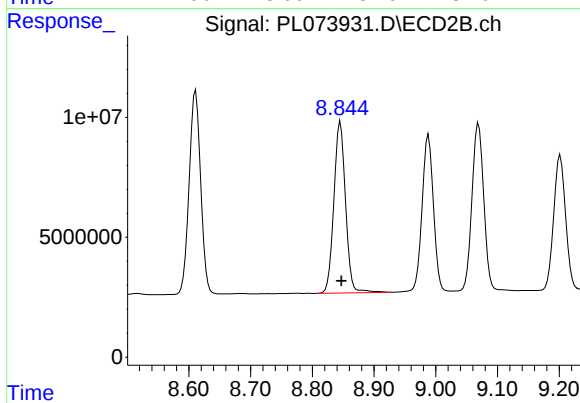
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 110299219
Conc: 55.00 ng/ml



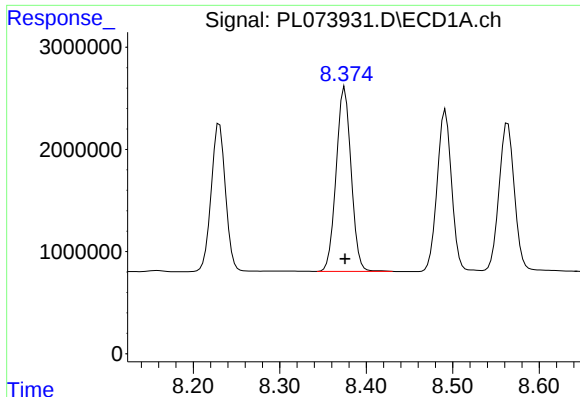
#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 21299802
Conc: 52.43 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.002 min
Response: 94078022
Conc: 55.55 ng/ml



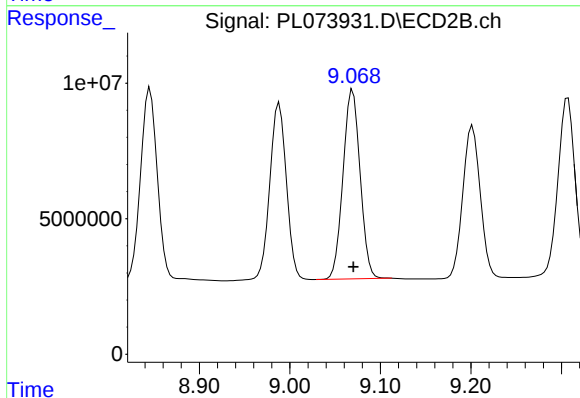
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 21550068
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

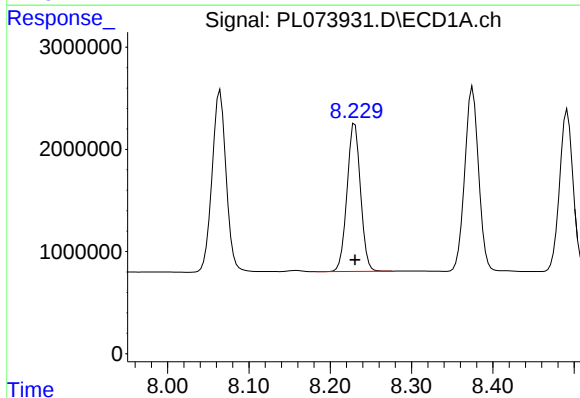
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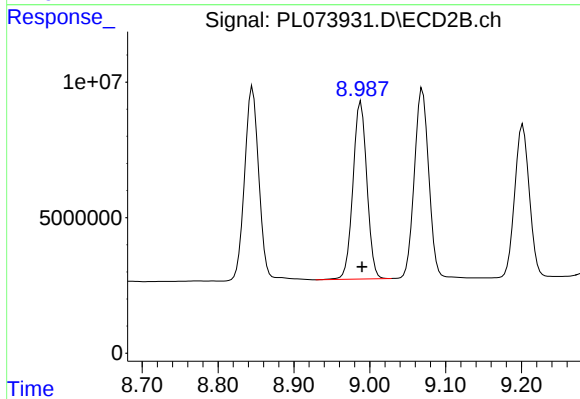
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 91768025
Conc: 52.82 ng/ml



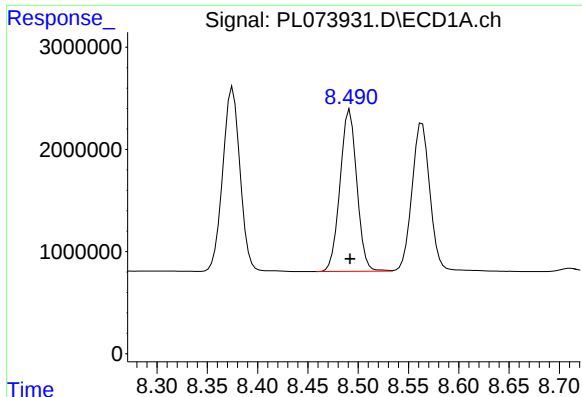
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 16649716
Conc: 51.56 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 83466861
Conc: 54.25 ng/ml



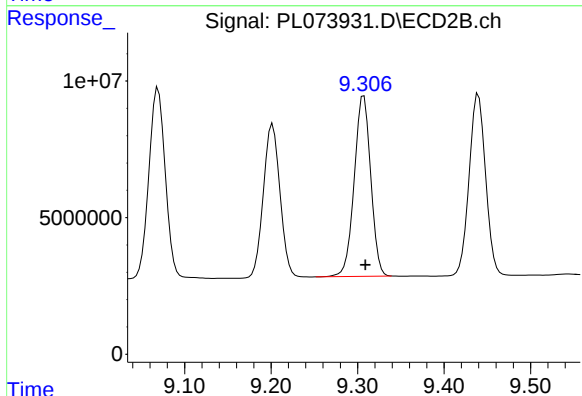
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 18397287
Conc: 49.77 ng/ml

Instrument :
ECD_L
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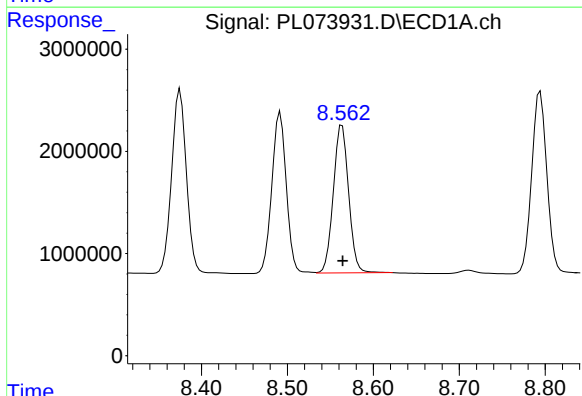
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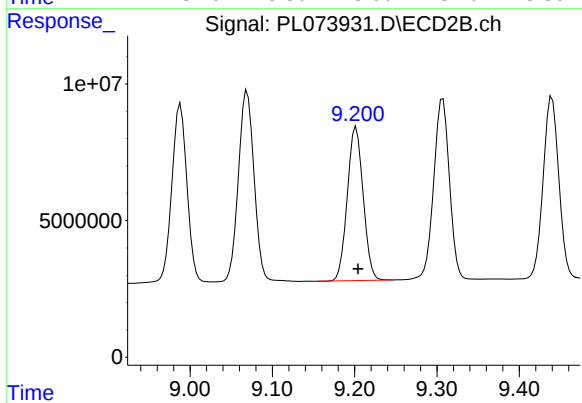
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 87728164
Conc: 49.49 ng/ml



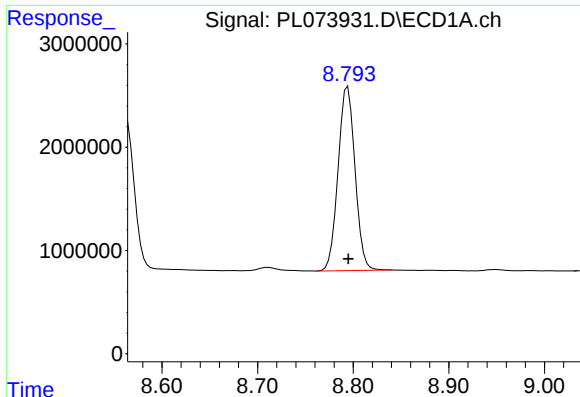
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 17843081
Conc: 55.15 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 75329530
Conc: 58.32 ng/ml



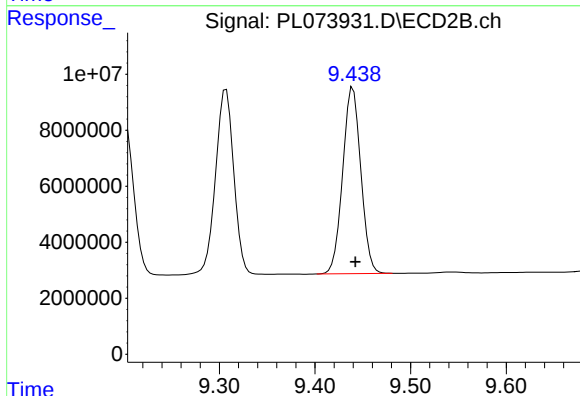
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 21961305
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

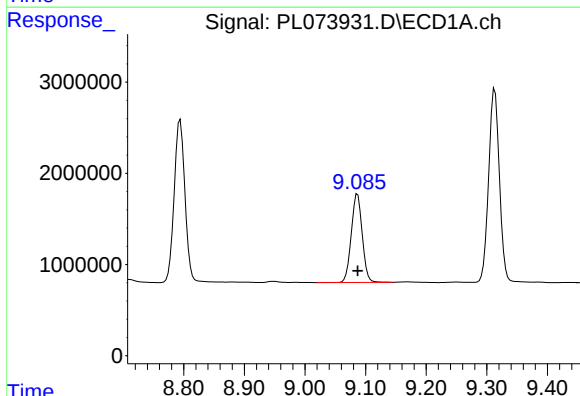
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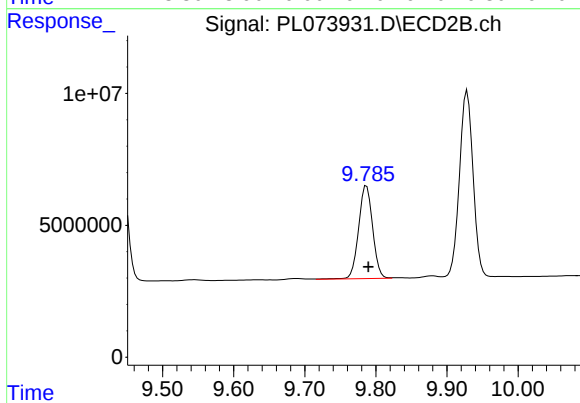
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 88018425
Conc: 52.89 ng/ml



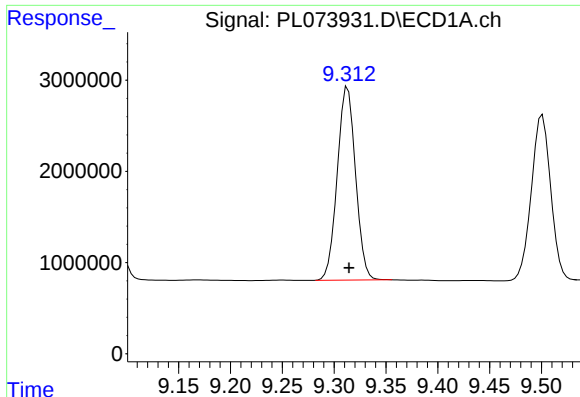
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 12182437
Conc: 49.07 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 48337880
Conc: 50.26 ng/ml



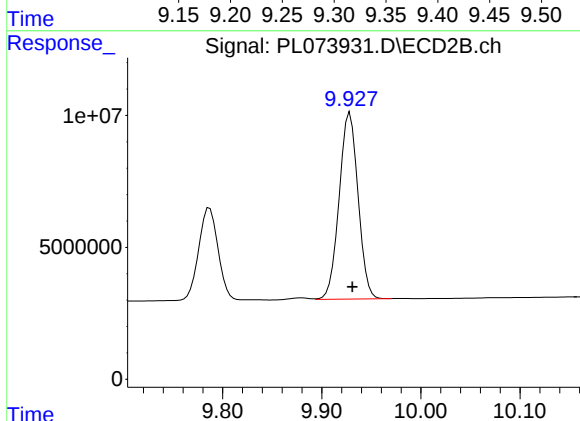
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.001 min
Response: 26003912
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

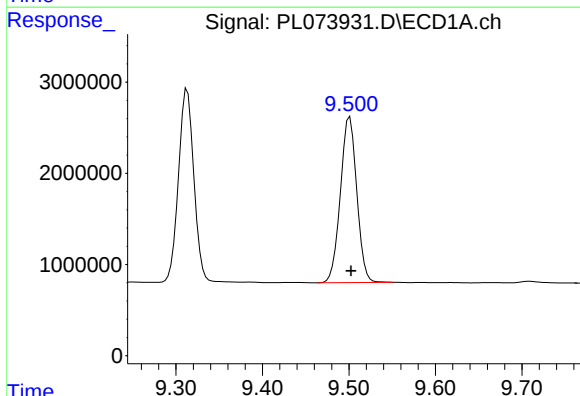
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/12/2022



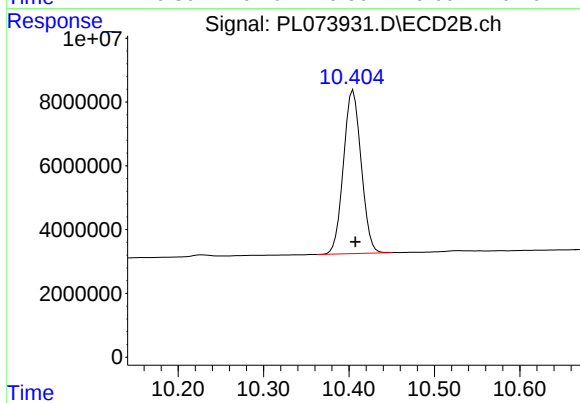
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 93633639
Conc: 54.09 ng/ml



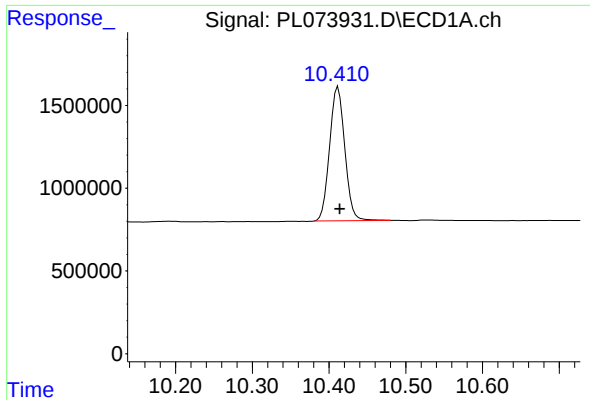
#22 Mirex

R.T.: 9.501 min
Delta R.T.: -0.001 min
Response: 23738738
Conc: 50.90 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 73734150
Conc: 53.53 ng/ml



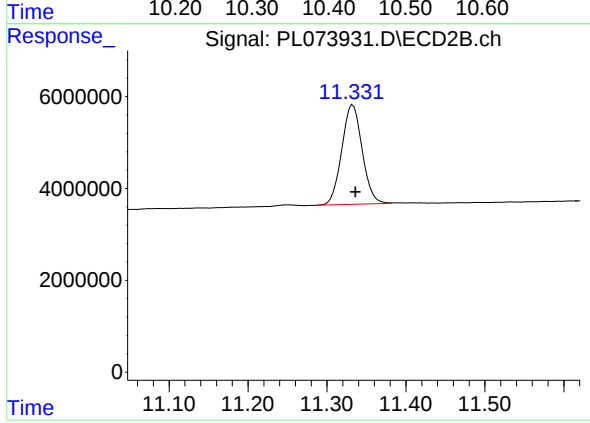
#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 11135245
Conc: 21.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 38947991
Conc: 22.05 ng/ml