

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 17:37
 Operator : AR\AJ
 Sample : PB143488BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143488BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/22/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:32:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.641	5.492	6644331	36168969	20.745	22.037
28)	SA Decachlor...	10.417	11.332	10651919	37113945	20.948	20.755
Target Compounds							
2)	A alpha-BHC	5.350	6.055	21507010	132.2E6	52.176	58.781
3)	MA gamma-BHC...	5.773	6.444	21317428	122.9E6	51.104	57.565
4)	MA Heptachlor	6.185	7.103	22257126	129.1E6	49.329	55.090
5)	MB Aldrin	6.510	7.471	21755440	125.3E6	52.655	59.820
6)	B beta-BHC	6.153	6.680	10300269	53658982	50.027	51.478
7)	B delta-BHC	6.415	6.948	21189276	121.5E6	52.756	56.430
8)	B Heptachlo...	7.088	7.927	21829645	112.4E6	50.651	56.300
9)	A Endosulfan I	7.491	8.327	20630763	99123068	50.292	54.302
10)	B gamma-Chl...	7.365	8.195	22377361	113.0E6	51.171	55.350
11)	B alpha-Chl...	7.435	8.278	22499370	110.3E6	50.911	55.144
12)	B 4,4'-DDE	7.648	8.462	18558480	100.8E6	51.718	56.251
13)	MA Dieldrin	7.777	8.612	22233748	105.5E6	53.367	57.202
14)	MA Endrin	8.068	8.847	20092713	83053135	51.785	53.951
15)	B Endosulfa...	8.380	9.070	21272858	87182425	54.423	56.766
16)	A 4,4'-DDD	8.234	8.989	17105504	80144249	52.675	54.904
17)	MA 4,4'-DDT	8.496	9.308	17788982	78636562	47.038	48.110
18)	B Endrin al...	8.568	9.202	17721119	70736938	56.035	57.683m
19)	B Endosulfa...	8.797	9.440	21814379	83822710	51.641m	53.185
20)	A Methoxychlor	9.092	9.787	11836427	42592773	46.140	47.269
21)	B Endrin ke...	9.318	9.929	26266674	88612854	53.690	53.686
22)	Mirex	9.506	10.405	25552798	77531883	54.188	57.073

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
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 Acq On : 21 Mar 2022 17:37
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Manual Integrations

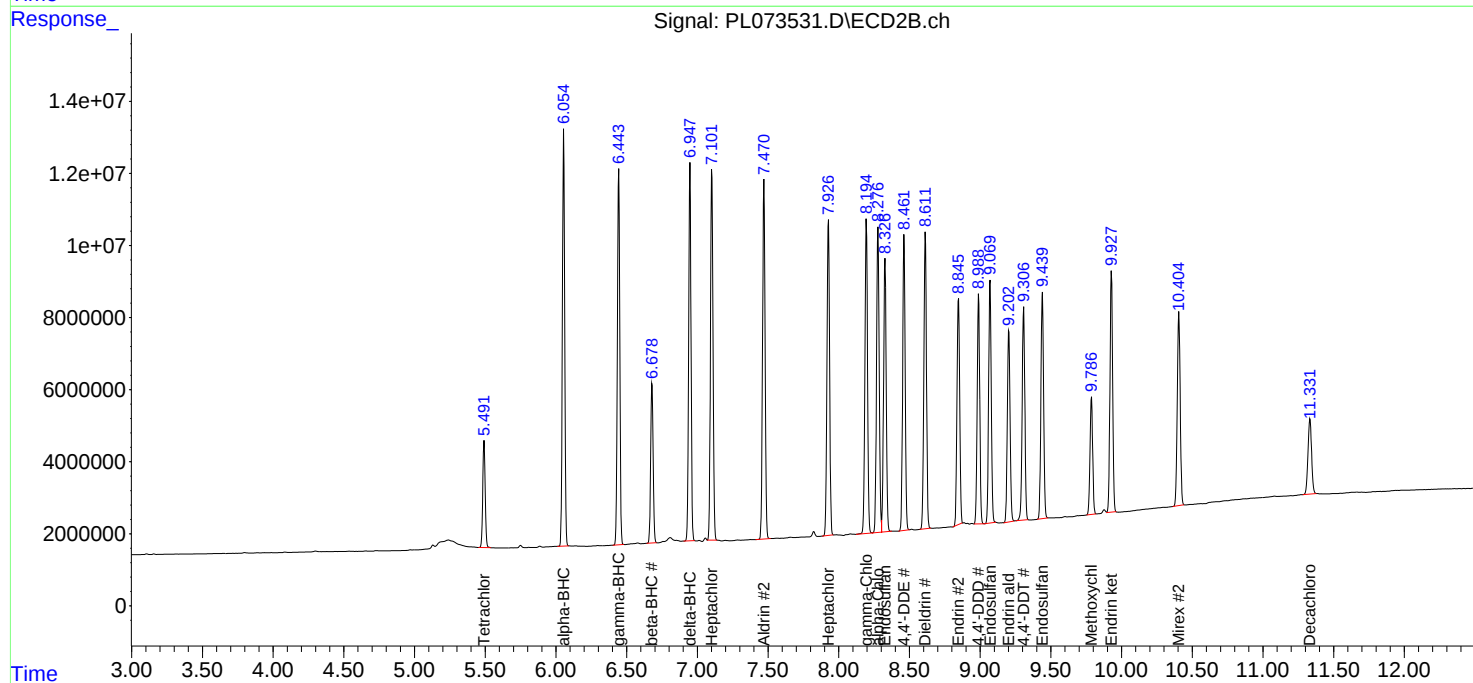
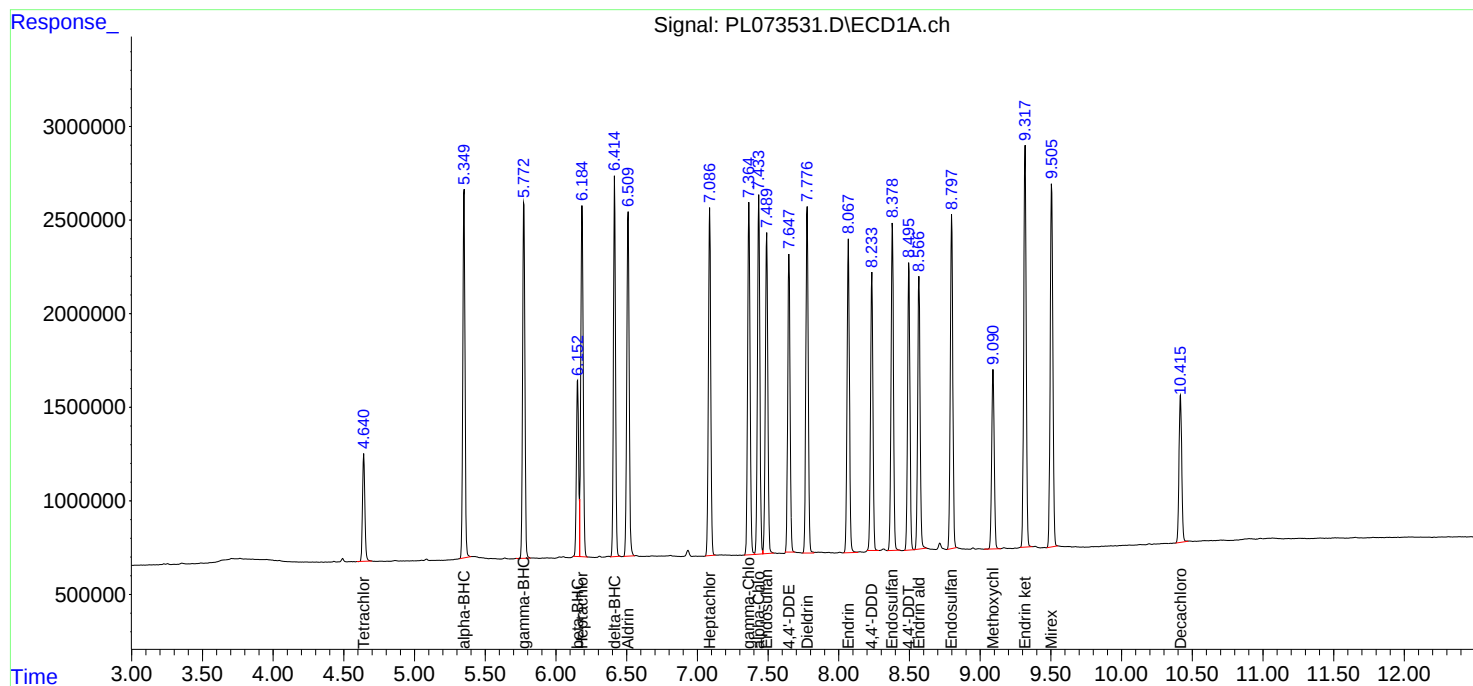
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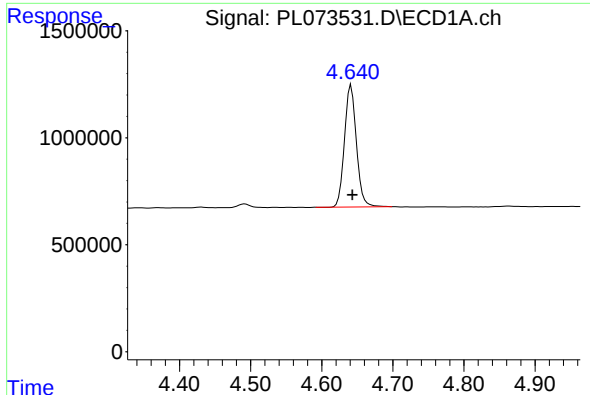
Reviewed By :Abdul Mirza 03/22/2022

Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:32:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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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.: 4.641 min
Delta R.T.: -0.002 min
Response: 6644331
Conc: 20.74 ng/ml

Instrument :

ECD_L

ClientSampleId :

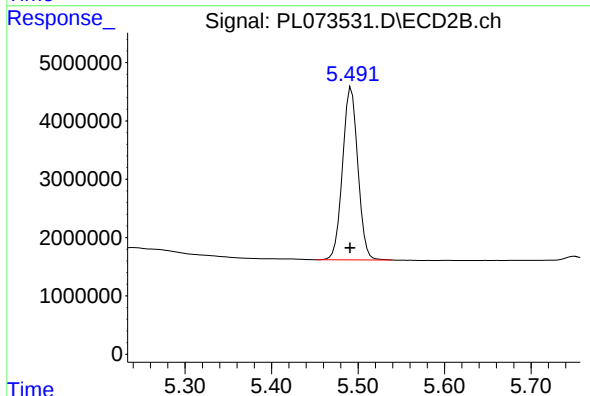
PB143488BS

Manual Integrations

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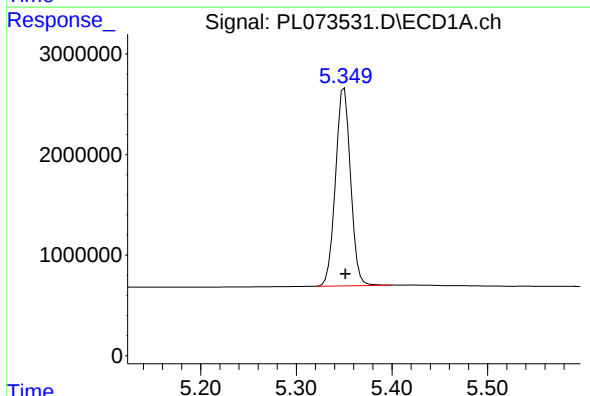
Reviewed By :Abdul Mirza 03/22/2022

Supervised By :mohammad ahmed 03/23/2022



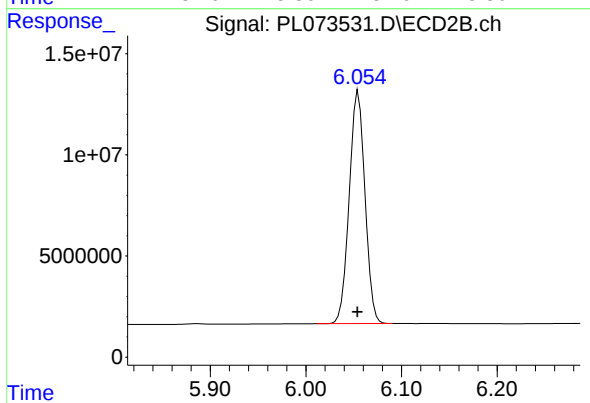
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 36168969
Conc: 22.04 ng/ml



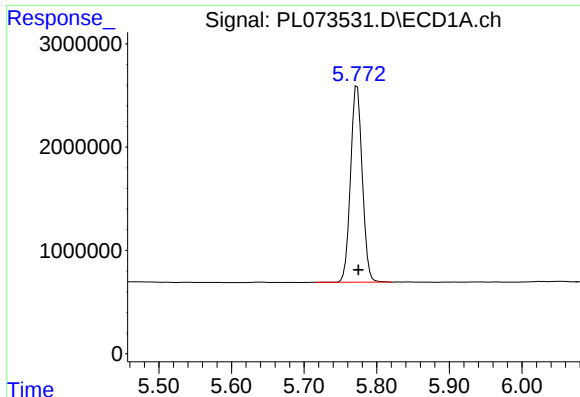
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 21507010
Conc: 52.18 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 132236015
Conc: 58.78 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 21317428
Conc: 51.10 ng/ml

Instrument :

ECD_L

ClientSampleId :

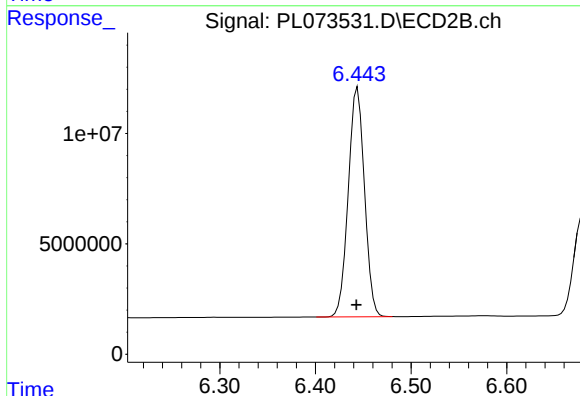
PB143488BS

Manual Integrations

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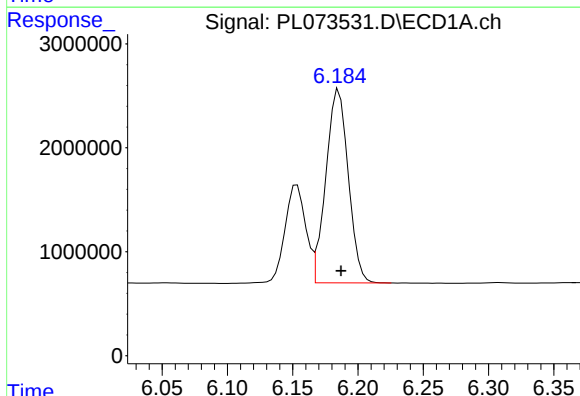
Reviewed By :Abdul Mirza 03/22/2022

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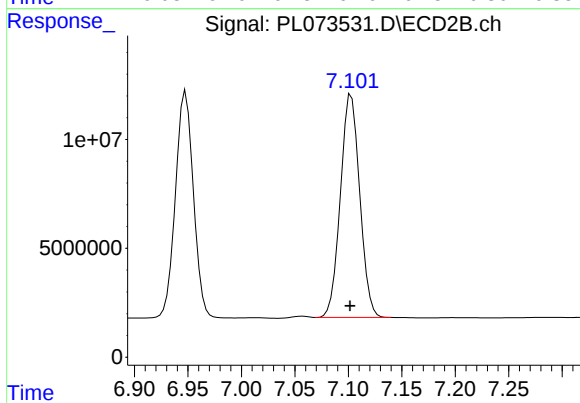
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.002 min
Response: 122905174
Conc: 57.56 ng/ml



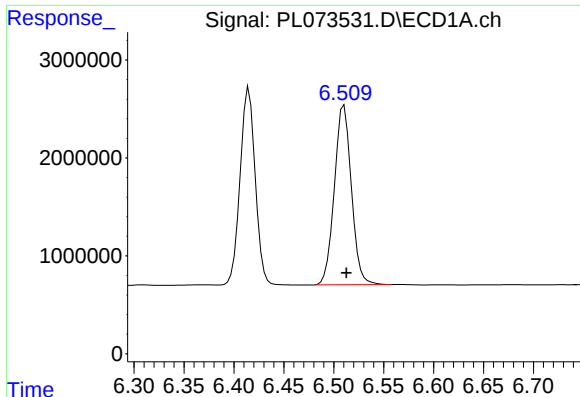
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 22257126
Conc: 49.33 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 129081454
Conc: 55.09 ng/ml



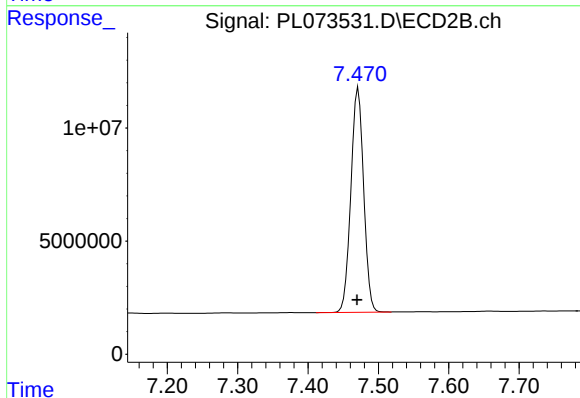
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 21755440
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143488BS

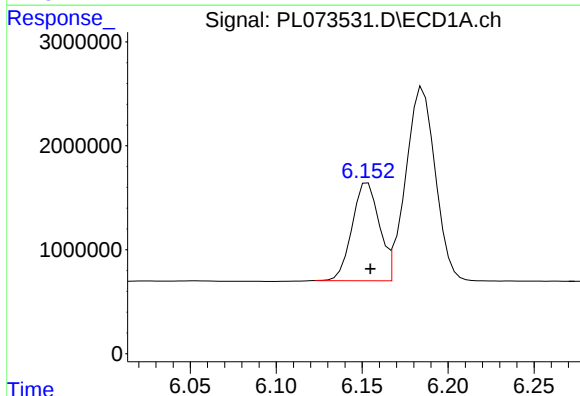
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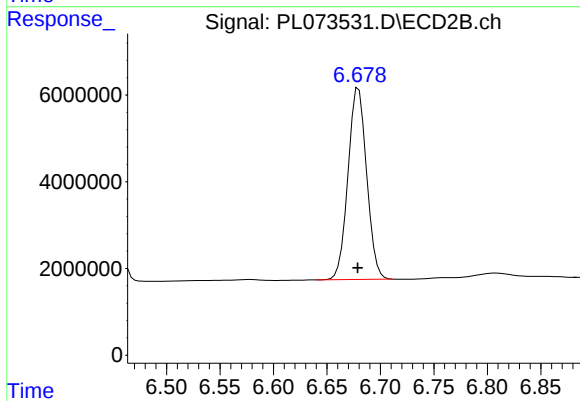
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 125322308
Conc: 59.82 ng/ml



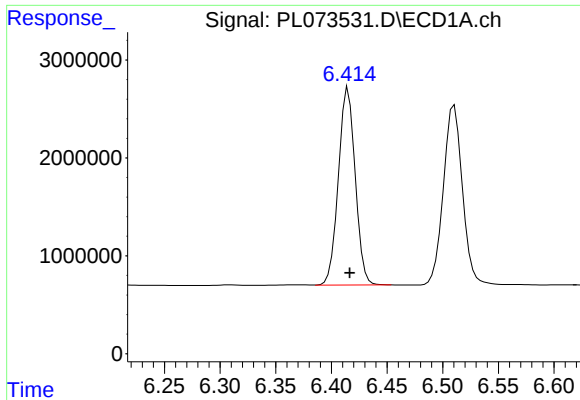
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.001 min
Response: 10300269
Conc: 50.03 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 53658982
Conc: 51.48 ng/ml



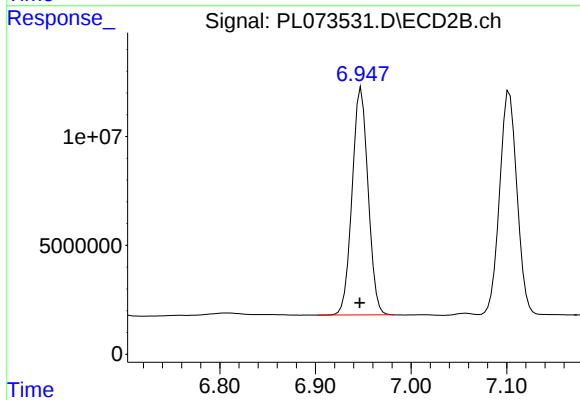
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 21189276
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143488BS

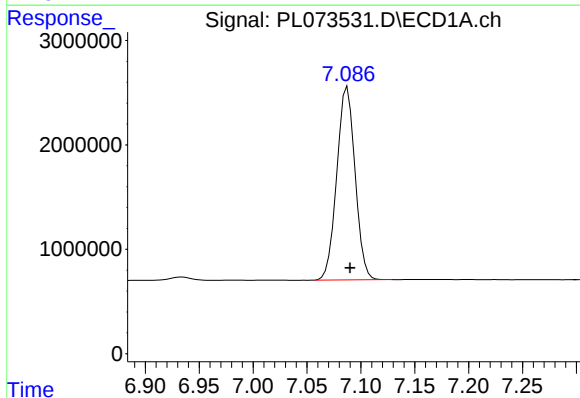
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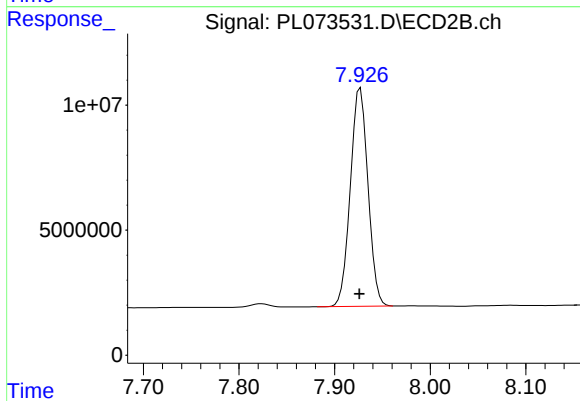
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 121525083
Conc: 56.43 ng/ml



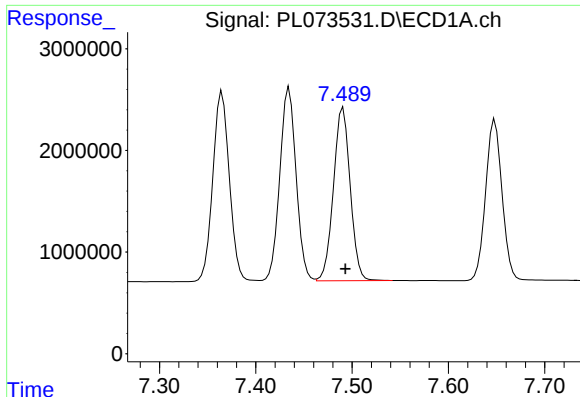
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 21829645
Conc: 50.65 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 112449062
Conc: 56.30 ng/ml



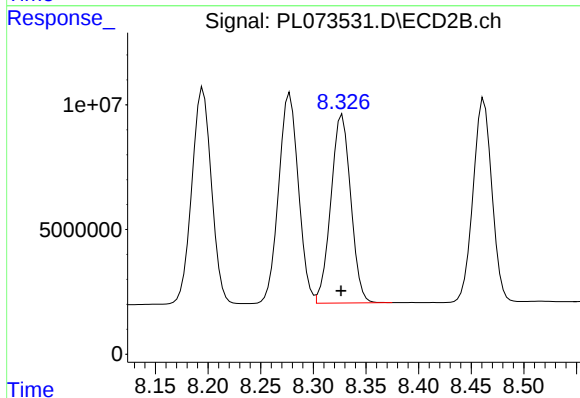
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 20630763
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143488BS

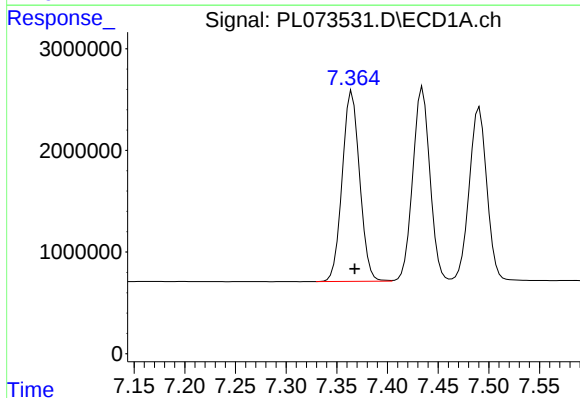
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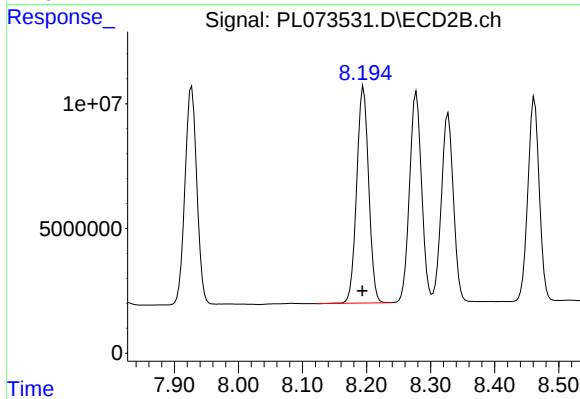
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.001 min
Response: 99123068
Conc: 54.30 ng/ml



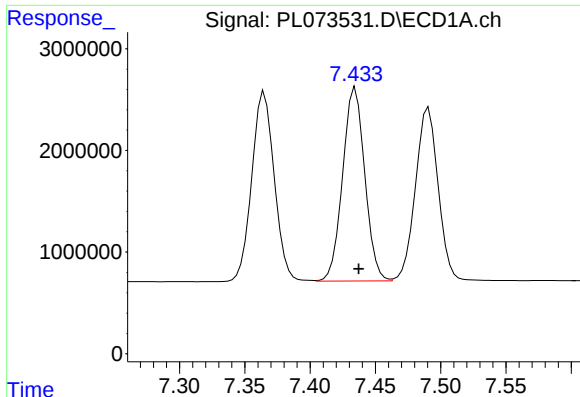
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 22377361
Conc: 51.17 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 113047499
Conc: 55.35 ng/ml



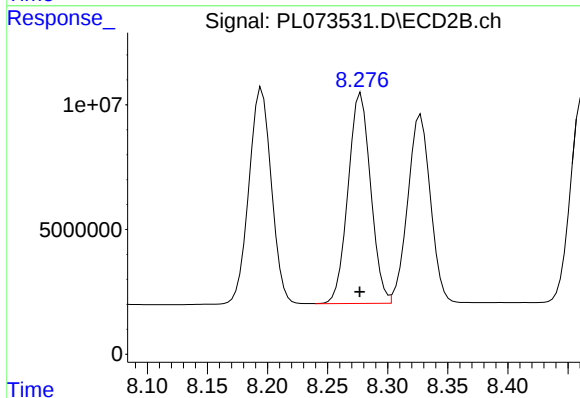
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 22499370
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143488BS

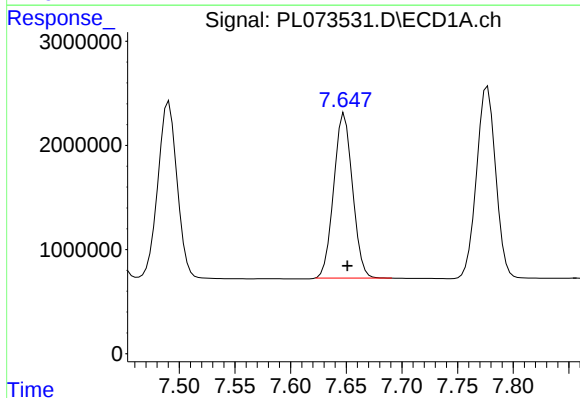
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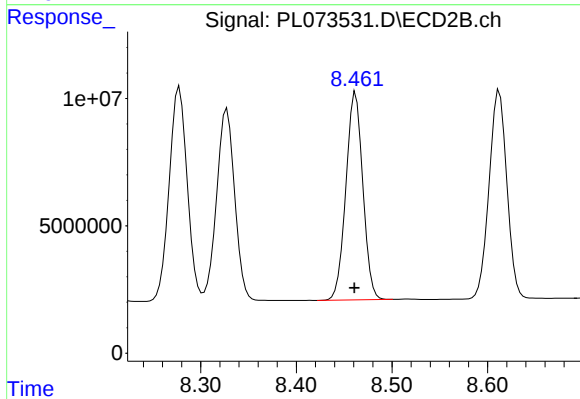
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 110287847
Conc: 55.14 ng/ml



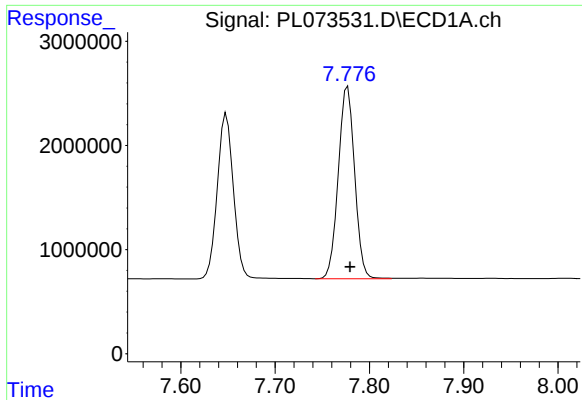
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 18558480
Conc: 51.72 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 100822566
Conc: 56.25 ng/ml



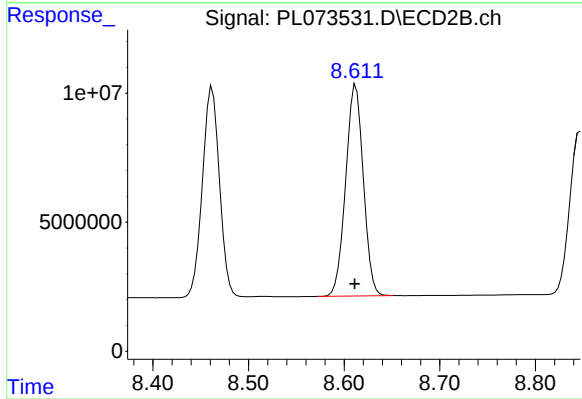
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 22233748
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143488BS

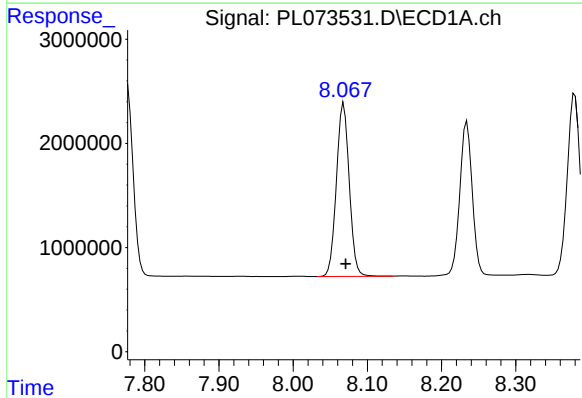
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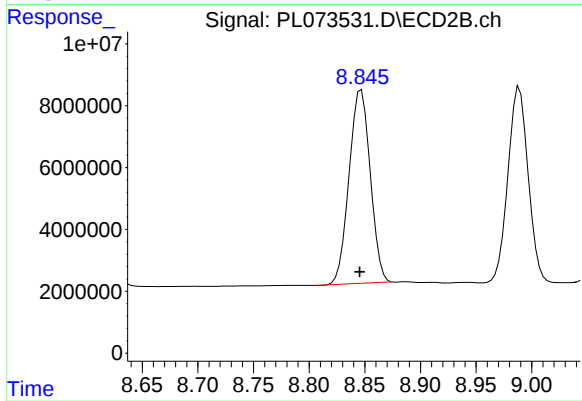
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 105523161
Conc: 57.20 ng/ml



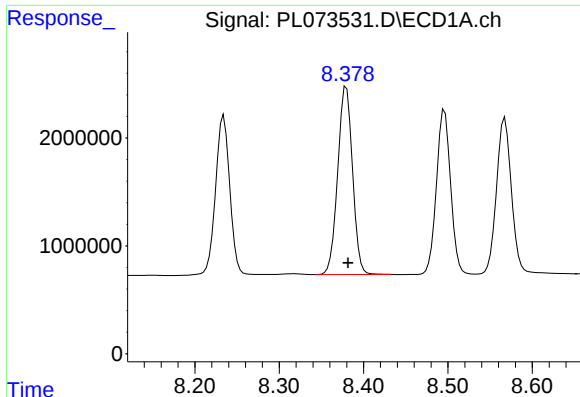
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 20092713
Conc: 51.78 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 83053135
Conc: 53.95 ng/ml



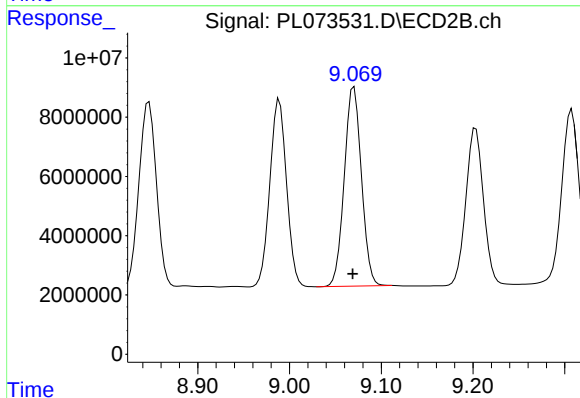
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 21272858
Conc: 54.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143488BS

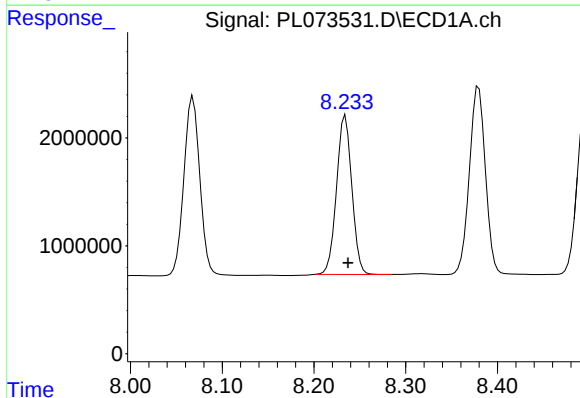
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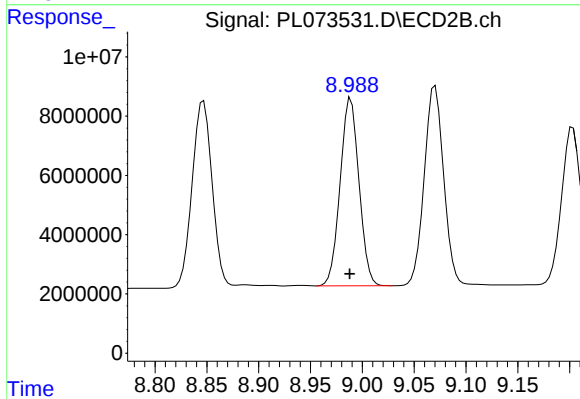
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 87182425
Conc: 56.77 ng/ml



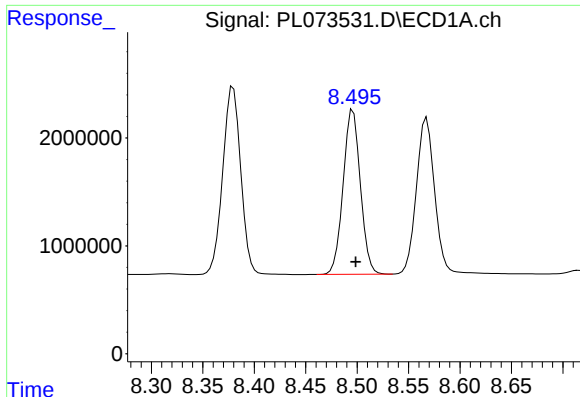
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 17105504
Conc: 52.67 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 80144249
Conc: 54.90 ng/ml



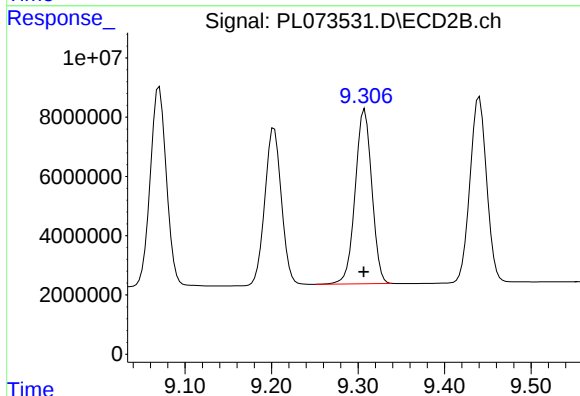
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 17788982
Conc: 47.04 ng/ml

Instrument :
ECD_L
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PB143488BS

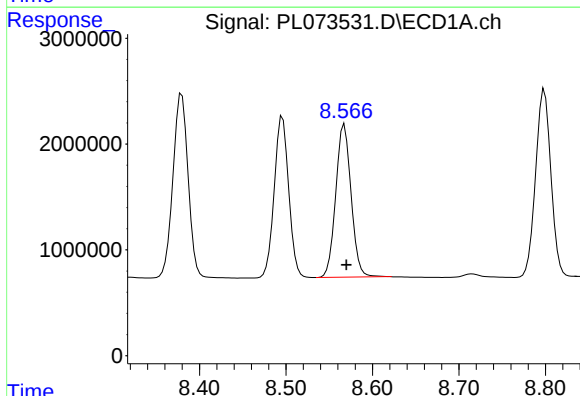
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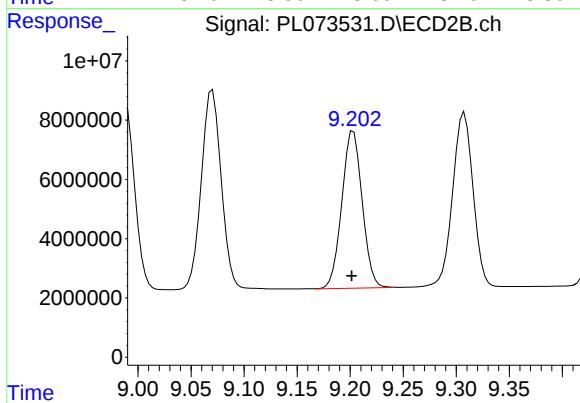
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 78636562
Conc: 48.11 ng/ml



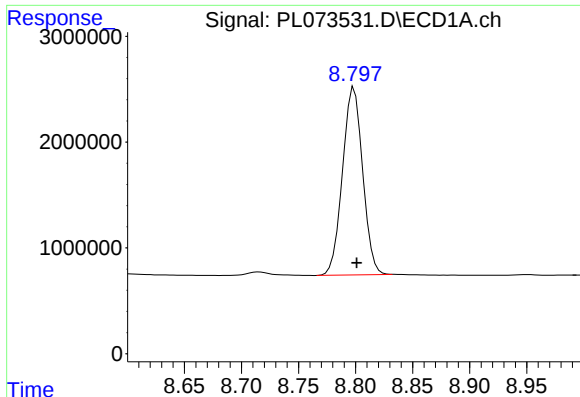
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 17721119
Conc: 56.04 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 70736938
Conc: 57.68 ng/ml m



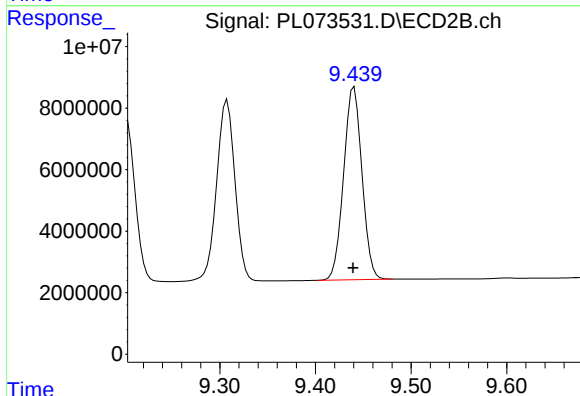
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 21814379
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143488BS

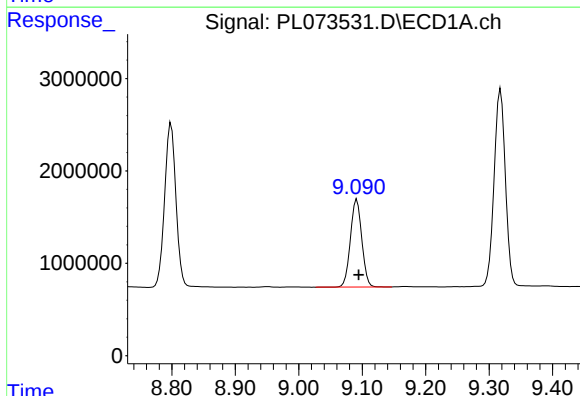
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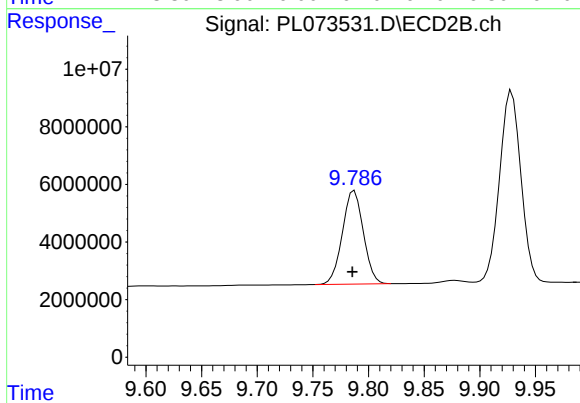
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.001 min
Response: 83822710
Conc: 53.18 ng/ml



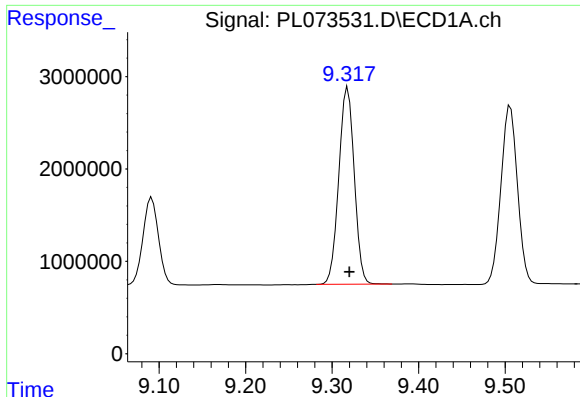
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 11836427
Conc: 46.14 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 42592773
Conc: 47.27 ng/ml



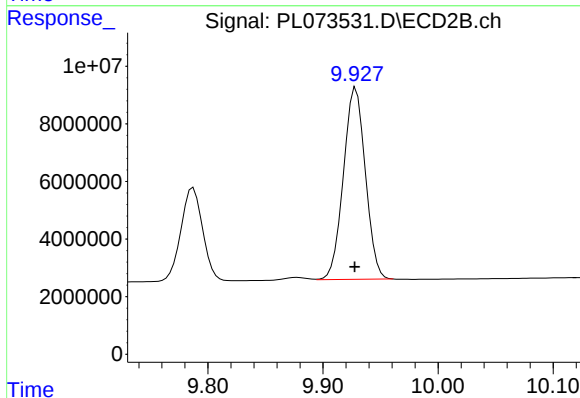
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 26266674
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143488BS

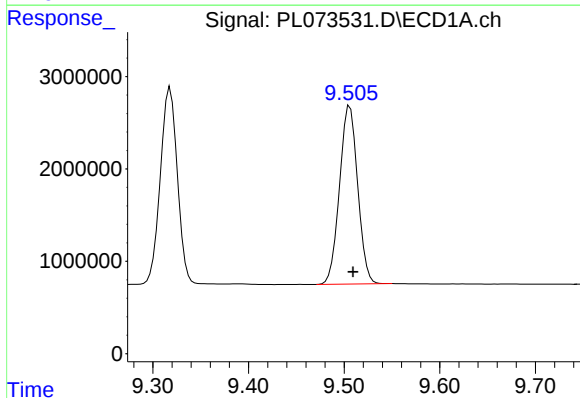
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



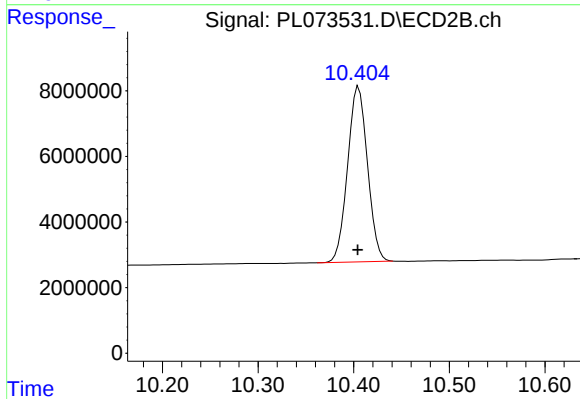
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.000 min
Response: 88612854
Conc: 53.69 ng/ml



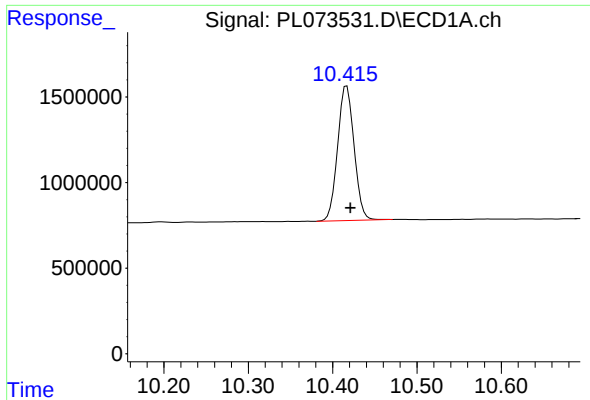
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 25552798
Conc: 54.19 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.001 min
Response: 77531883
Conc: 57.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10651919
Conc: 20.95 ng/ml

Instrument :

ECD_L

ClientSampleId :

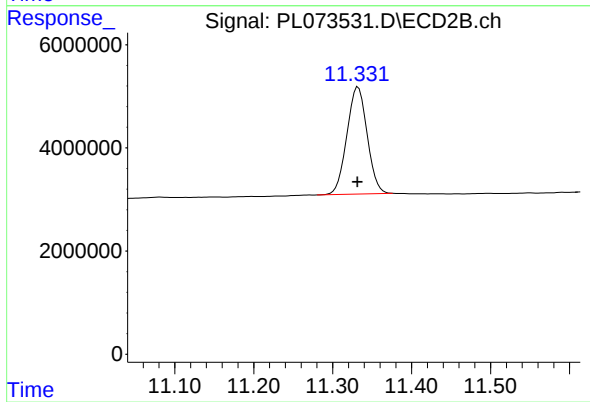
PB143488BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 37113945
Conc: 20.76 ng/ml