

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032422\
 Data File : PL073646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 09:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:20:39 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	16262216	87640841	50.774	53.399
28)	SA Decachlor...	10.416	11.332	25501660	87923698	50.151	49.170
Target Compounds							
2)	A alpha-BHC	5.349	6.055	21268962	125.4E6	51.598	55.736
3)	MA gamma-BHC...	5.773	6.444	21188278	116.7E6	50.795	54.679
4)	MA Heptachlor	6.185	7.103	22342638	122.4E6	49.518	52.240
5)	MB Aldrin	6.510	7.471	20757232	112.5E6	50.239	53.690
6)	B beta-BHC	6.153	6.680	10710071	53460590	52.017	51.287
7)	B delta-BHC	6.415	6.948	21090463	116.0E6	52.510	53.881
8)	B Heptachlo...	7.087	7.927	21555161	105.5E6	50.014	52.830
9)	A Endosulfan I	7.491	8.327	20675716	96093887	50.402	52.643
10)	B gamma-Chl...	7.365	8.194	21954313	105.7E6	50.204	51.776m
11)	B alpha-Chl...	7.435	8.276	22154281	102.8E6	50.130	51.416m
12)	B 4,4'-DDE	7.648	8.462	18267991	93413890	50.909	52.117
13)	MA Dieldrin	7.777	8.612	20840458	95105878	50.022	51.555
14)	MA Endrin	8.068	8.847	20438698	79450859	52.676	51.611
15)	B Endosulfa...	8.379	9.070	19721584	79067858	50.455	51.482
16)	A 4,4'-DDD	8.234	8.988	16702576	75428787	51.434	51.674m
17)	MA 4,4'-DDT	8.495	9.308	18467332	80214696	48.832	49.075
18)	B Endrin al...	8.567	9.202	15823671	61186201	50.036	49.895m
19)	B Endosulfa...	8.798	9.440	21172804	79059000	50.122	50.162
20)	A Methoxychlor	9.091	9.786	12241269	42601808	47.718	47.279
21)	B Endrin ke...	9.317	9.928	25474342	83163614	52.071	50.384
22)	Mirex	9.505	10.405	23213954	66725442	49.228	49.119

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

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 Acq On : 24 Mar 2022 09:31
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

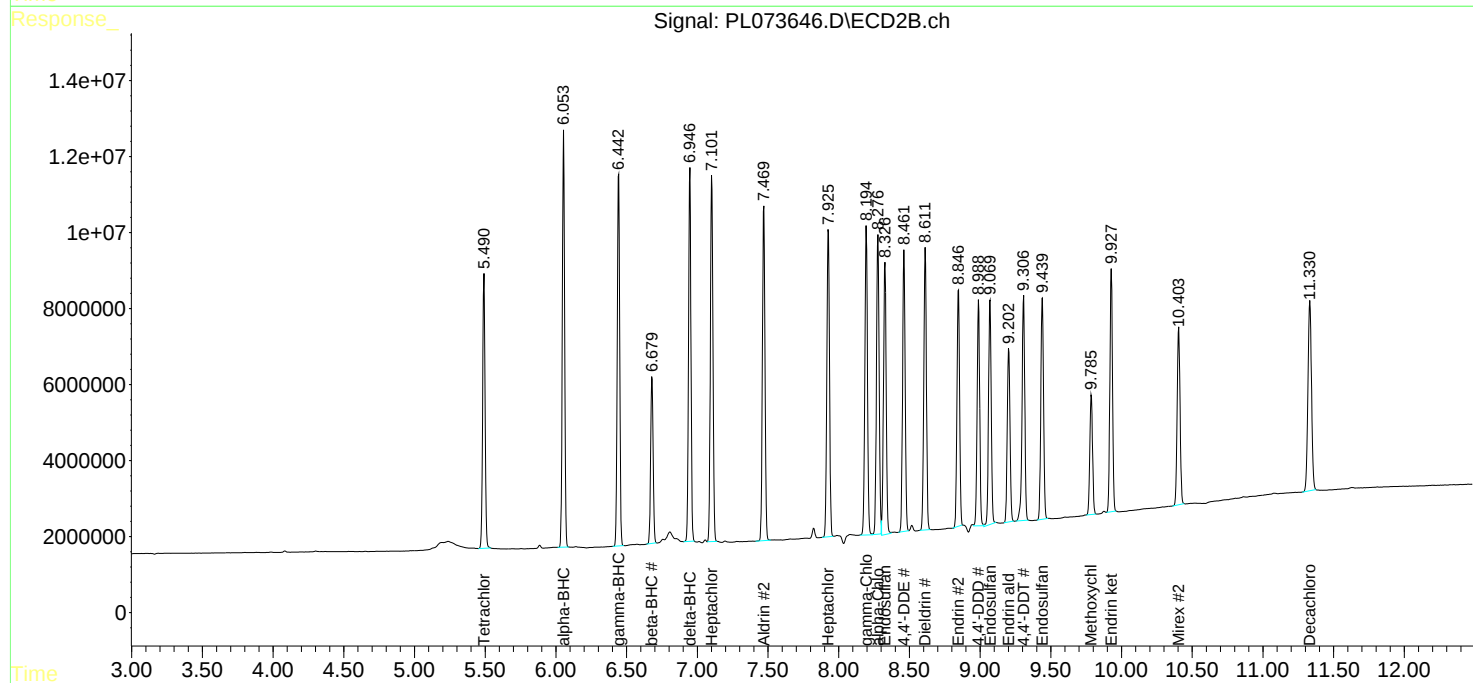
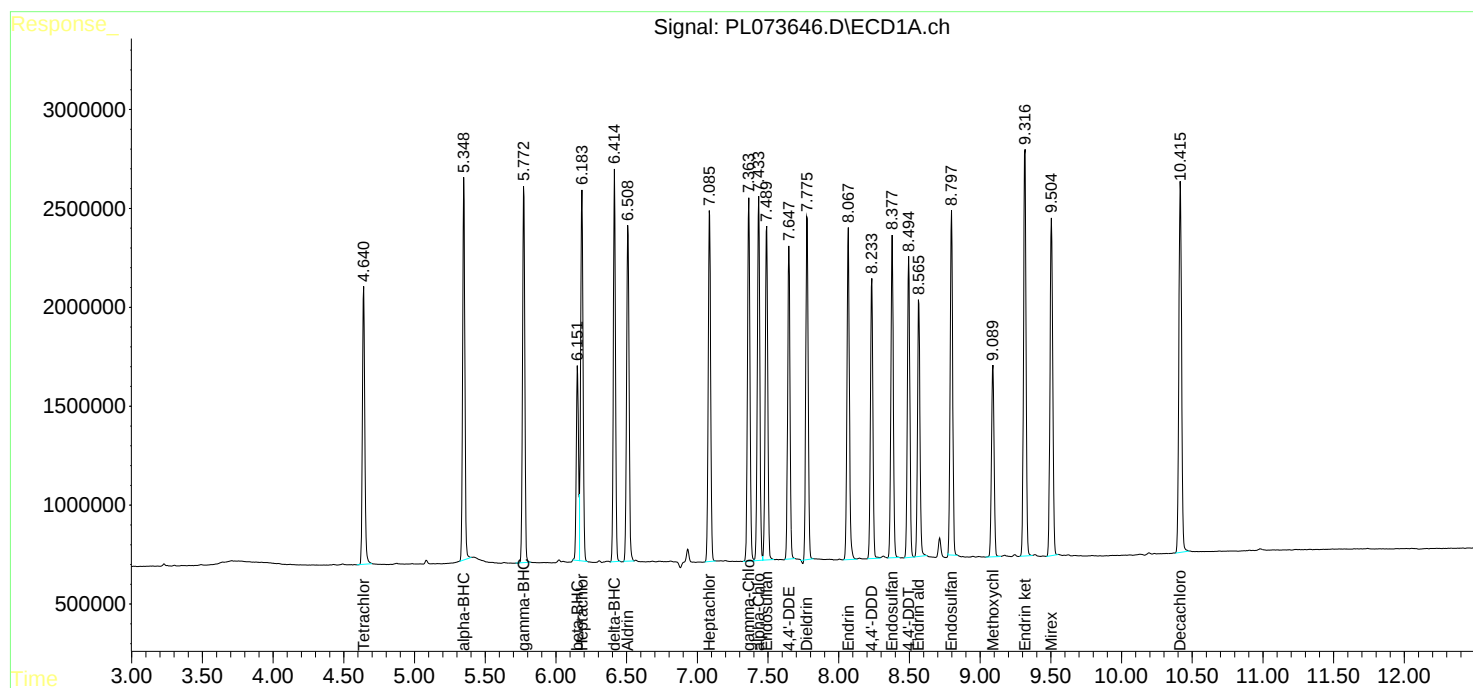
APPROVED

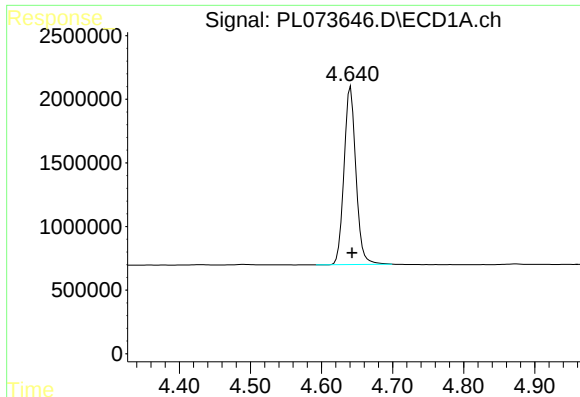
Reviewed By :Abdul Mirza 03/25/2022

Supervised By :mohammad ahmed 03/25/2022

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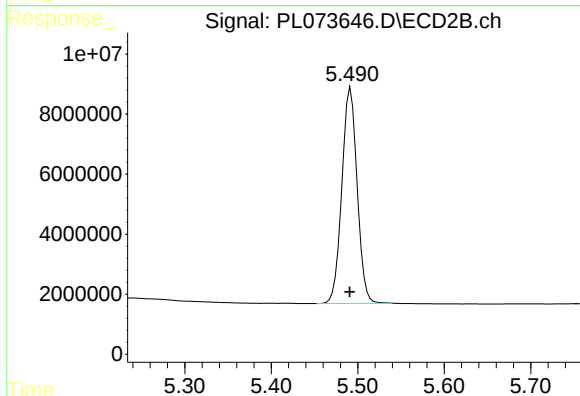
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 16262216
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

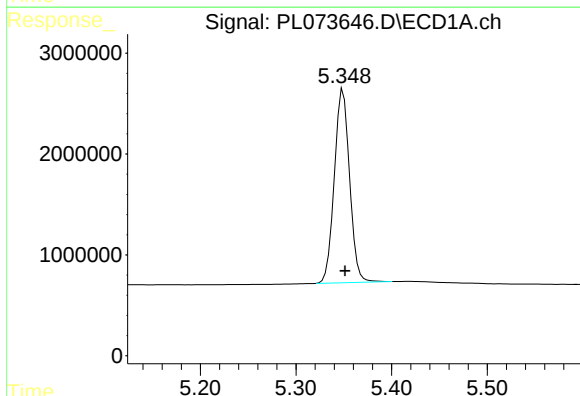
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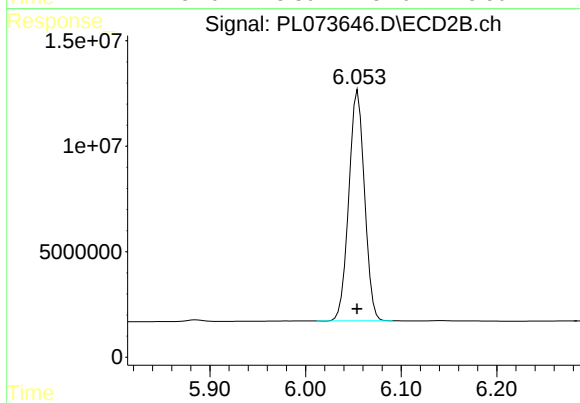
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 87640841
Conc: 53.40 ng/ml



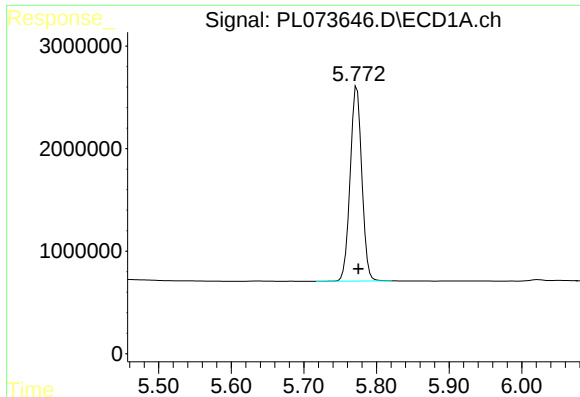
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 21268962
Conc: 51.60 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 125387306
Conc: 55.74 ng/ml



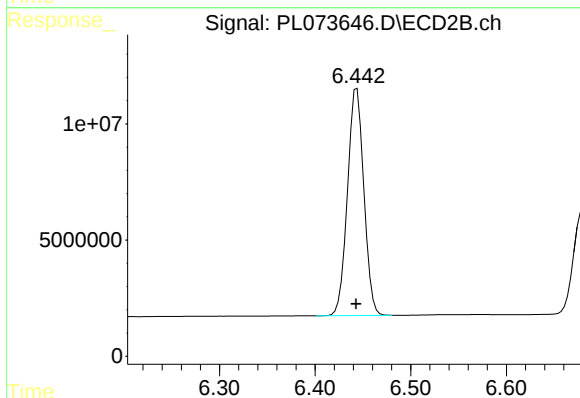
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 21188278
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

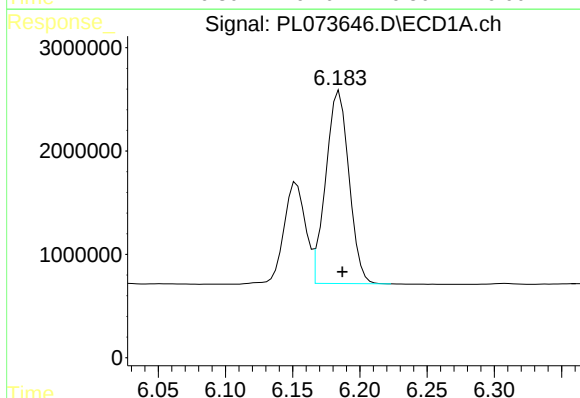
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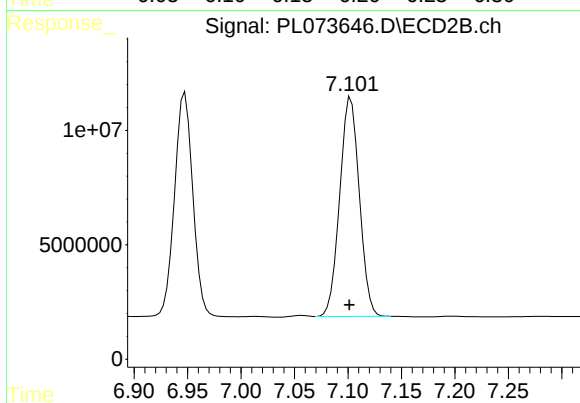
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 116745037
Conc: 54.68 ng/ml



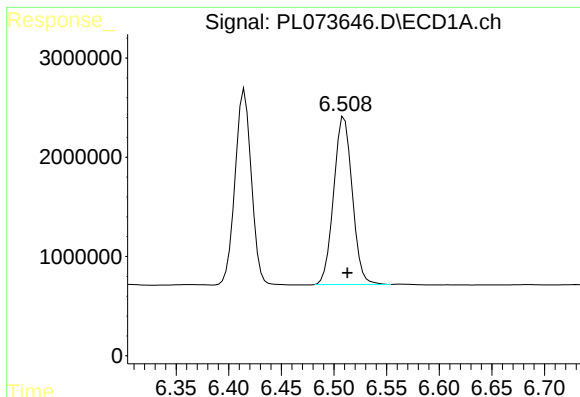
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 22342638
Conc: 49.52 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 122402620
Conc: 52.24 ng/ml



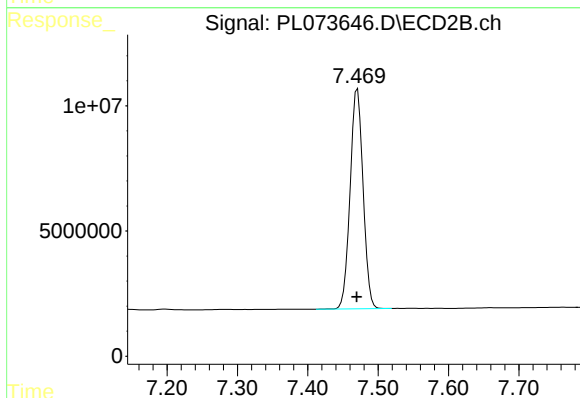
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 20757232
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

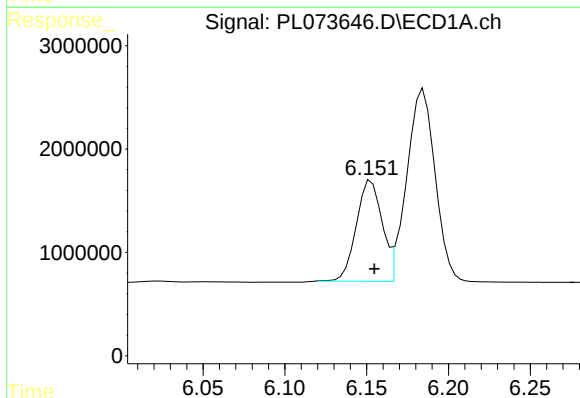
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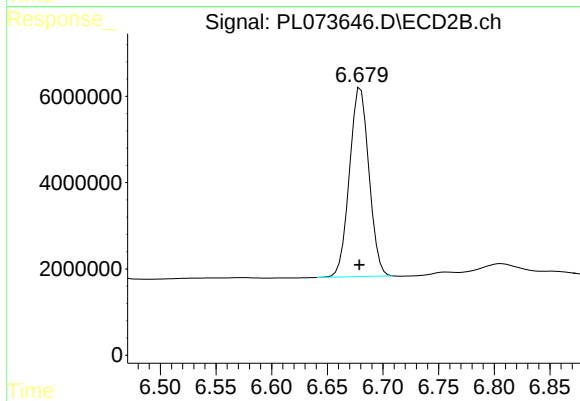
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 112478745
Conc: 53.69 ng/ml



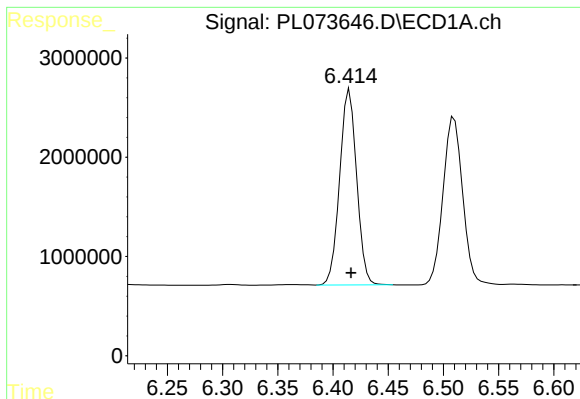
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10710071
Conc: 52.02 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 53460590
Conc: 51.29 ng/ml



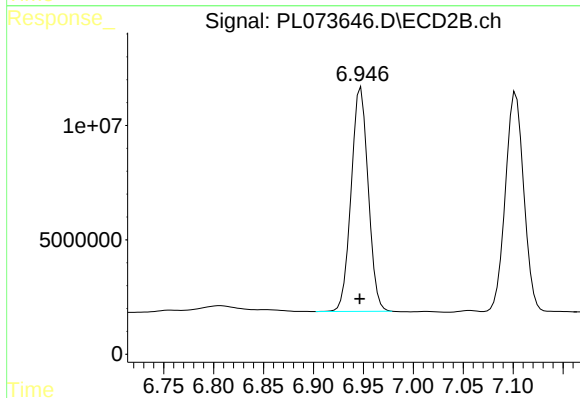
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 21090463
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

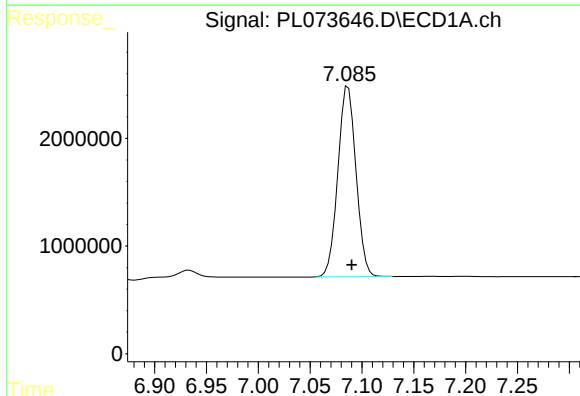
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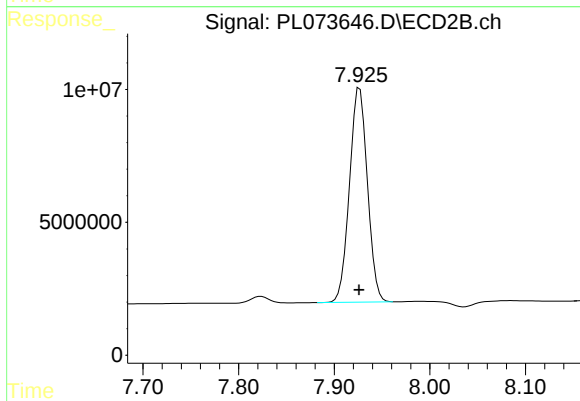
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.001 min
Response: 116037016
Conc: 53.88 ng/ml



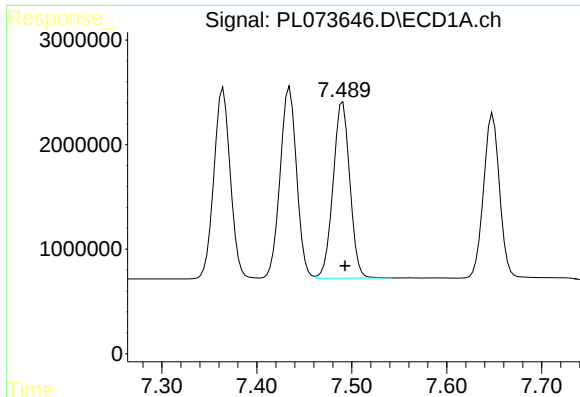
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 21555161
Conc: 50.01 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 105517677
Conc: 52.83 ng/ml



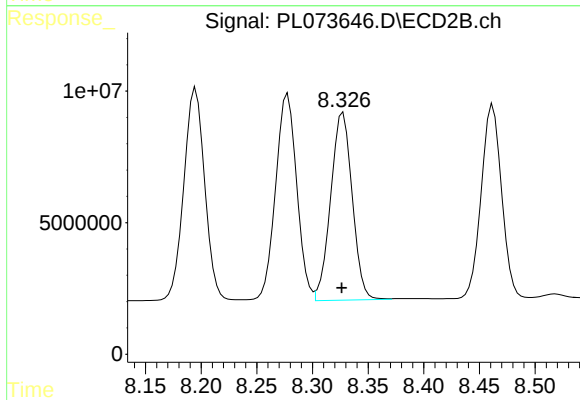
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 20675716
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

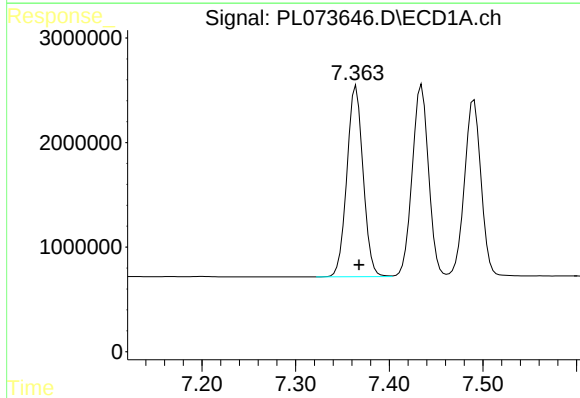
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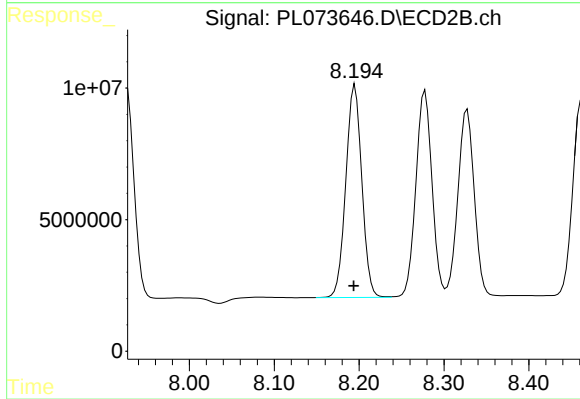
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.001 min
Response: 96093887
Conc: 52.64 ng/ml



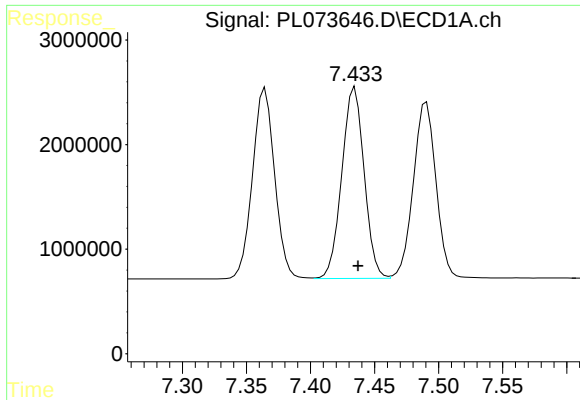
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 21954313
Conc: 50.20 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 105746848
Conc: 51.78 ng/ml m



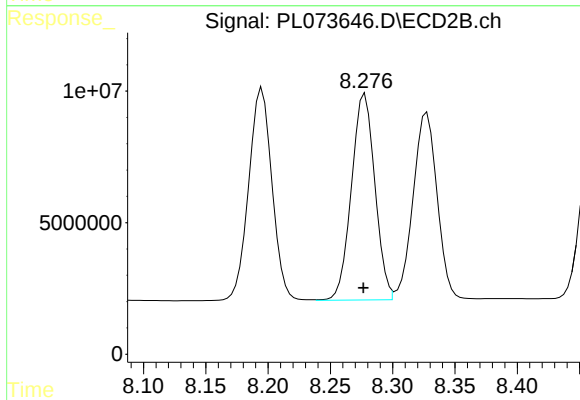
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 22154281
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

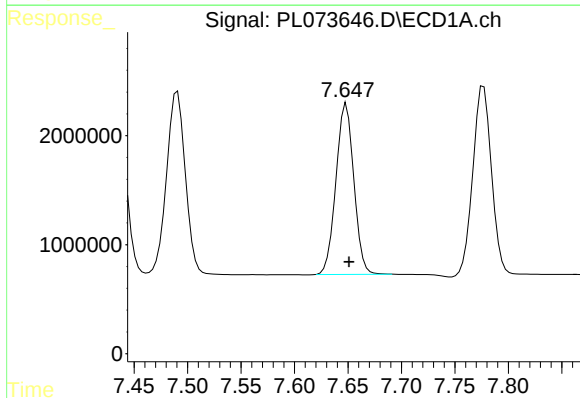
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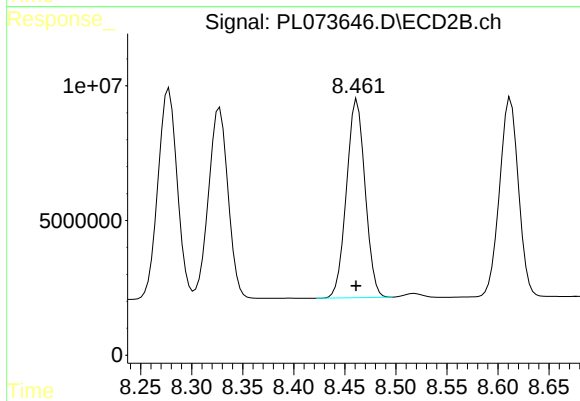
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 102831674
Conc: 51.42 ng/ml m



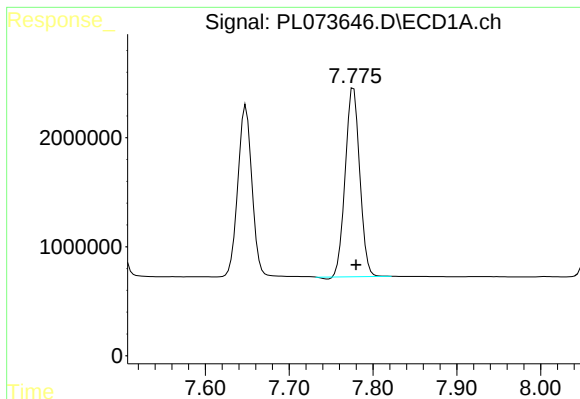
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 18267991
Conc: 50.91 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 93413890
Conc: 52.12 ng/ml



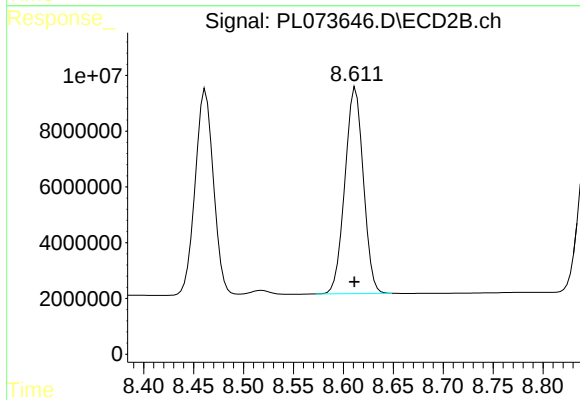
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 20840458
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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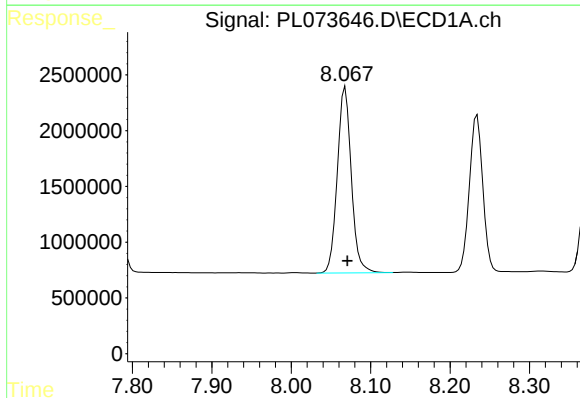
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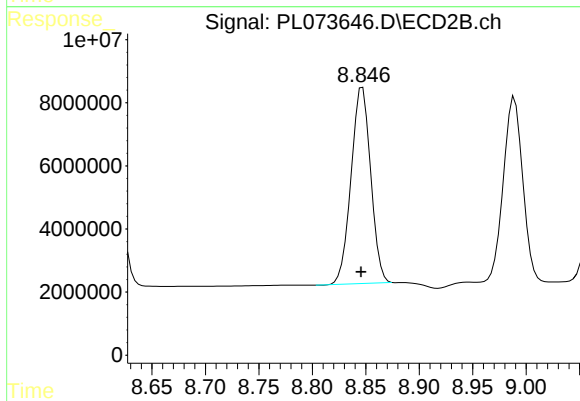
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 95105878
Conc: 51.56 ng/ml



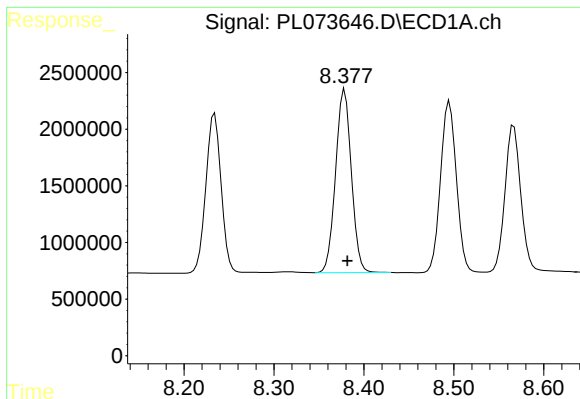
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 20438698
Conc: 52.68 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 79450859
Conc: 51.61 ng/ml



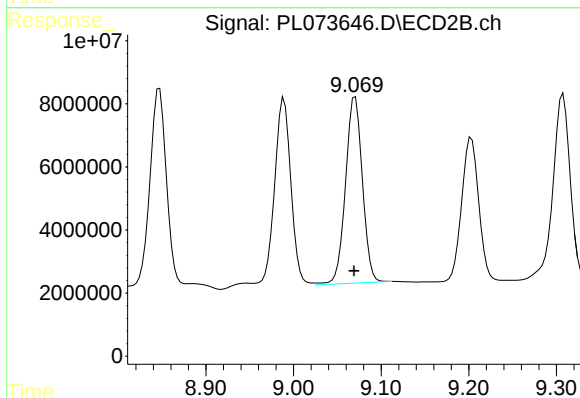
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 19721584
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

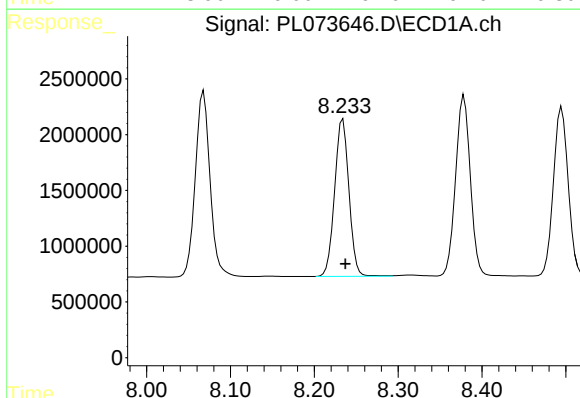
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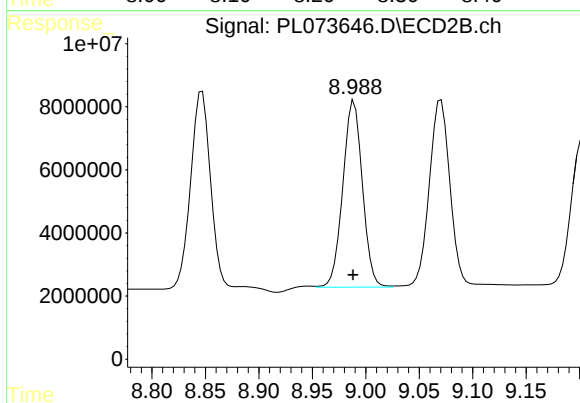
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 79067858
Conc: 51.48 ng/ml



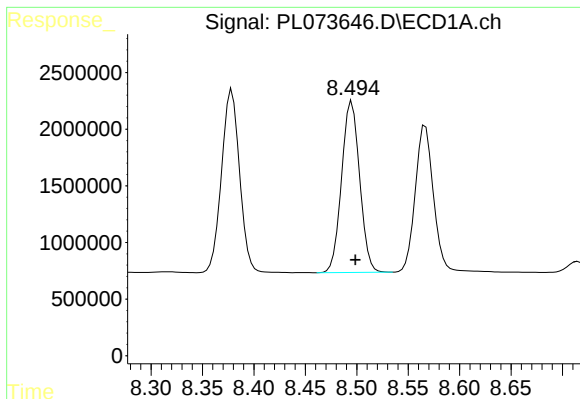
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 16702576
Conc: 51.43 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 75428787
Conc: 51.67 ng/ml m



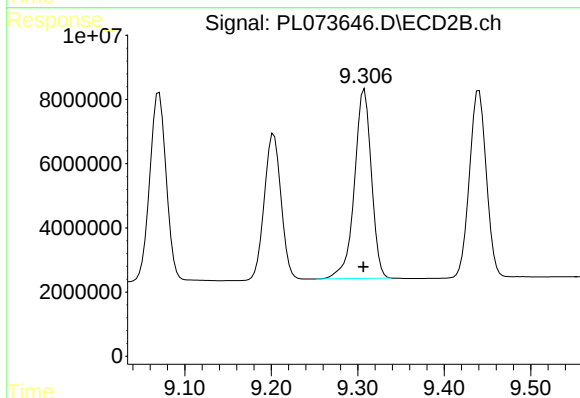
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 18467332
Conc: 48.83 ng/ml

Instrument :
ECD_L
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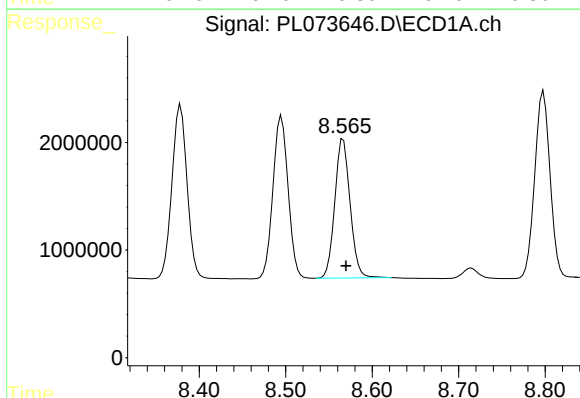
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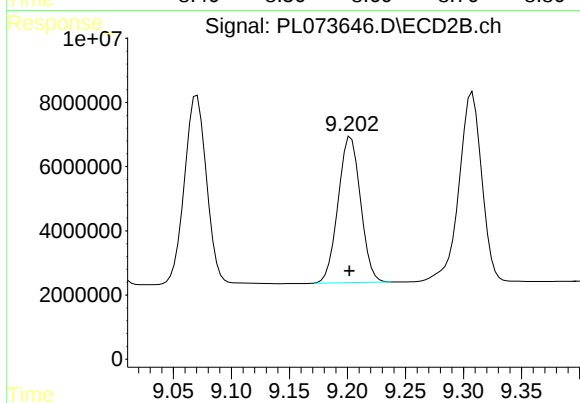
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 80214696
Conc: 49.08 ng/ml



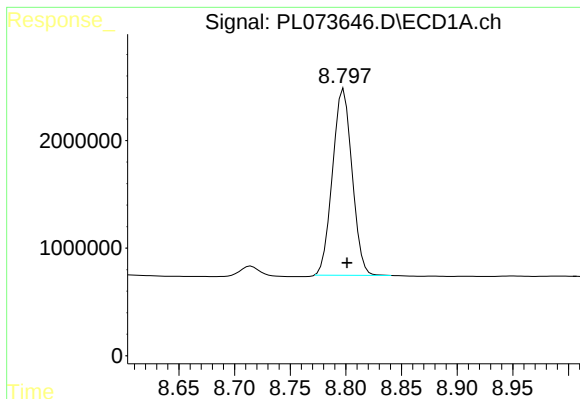
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 15823671
Conc: 50.04 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 61186201
Conc: 49.89 ng/ml m



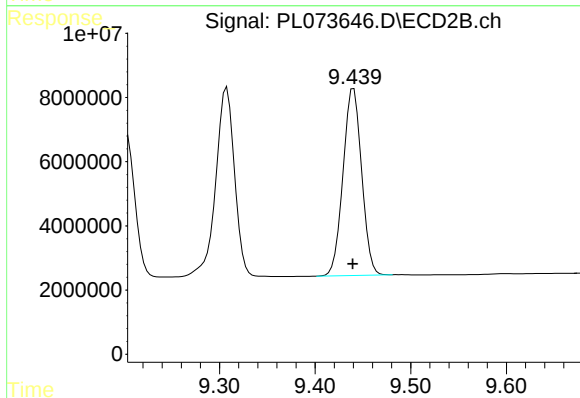
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 21172804
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

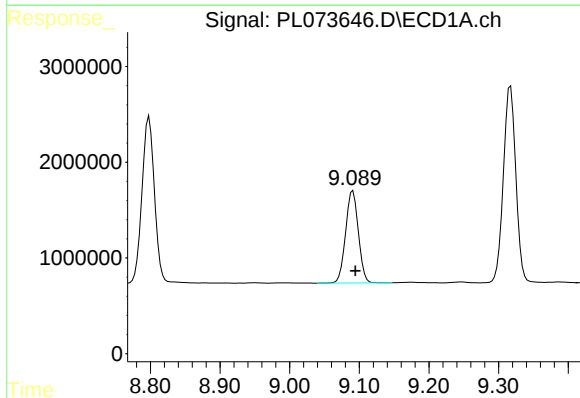
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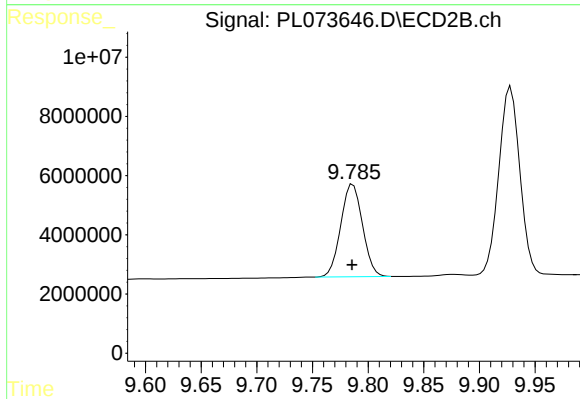
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 79059000
Conc: 50.16 ng/ml



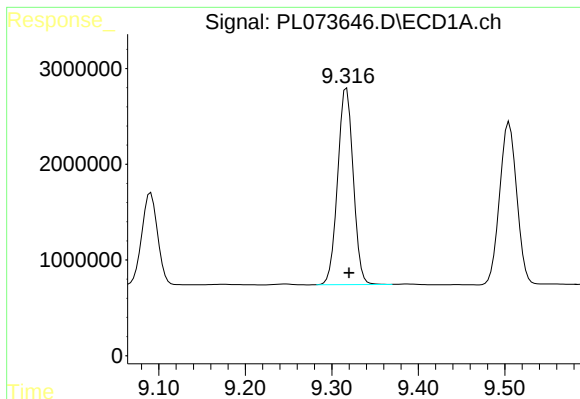
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 12241269
Conc: 47.72 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 42601808
Conc: 47.28 ng/ml



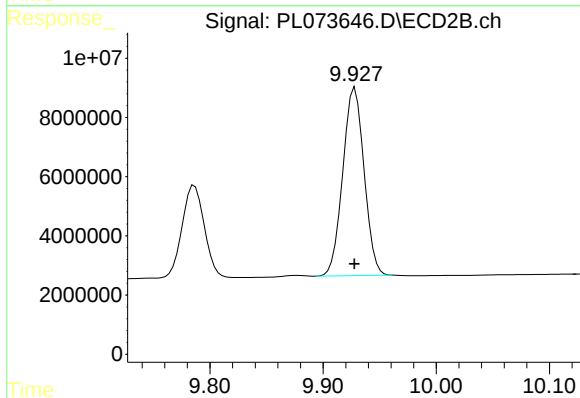
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 25474342
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

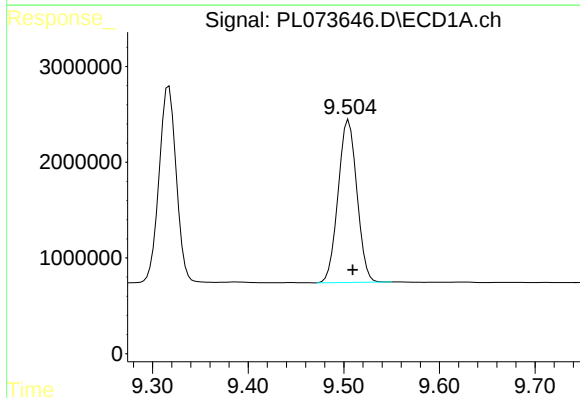
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2022
Supervised By :mohammad ahmed 03/25/2022



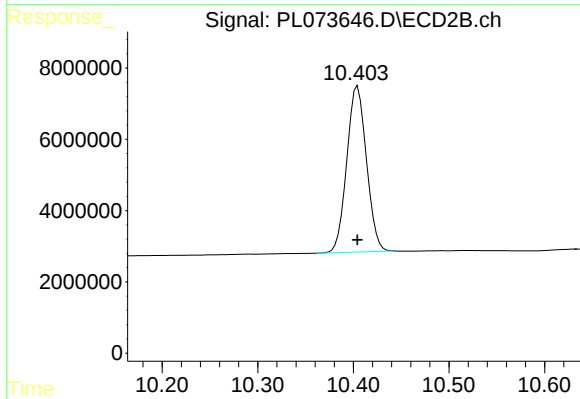
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 83163614
Conc: 50.38 ng/ml



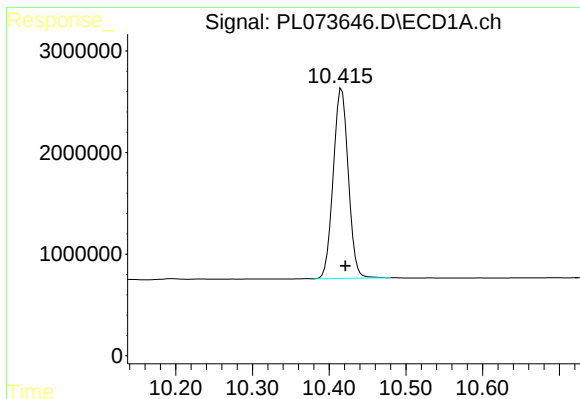
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 23213954
Conc: 49.23 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 66725442
Conc: 49.12 ng/ml



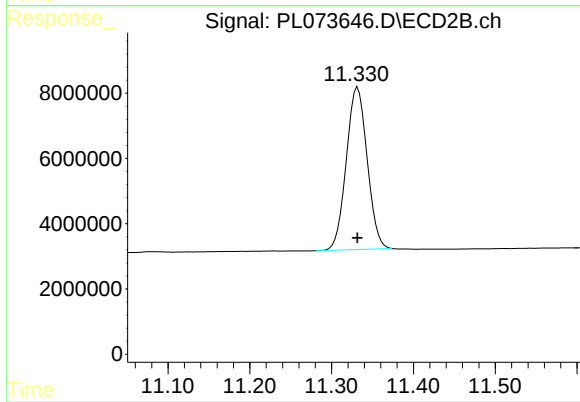
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 25501660
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2022
Supervised By :mohammad ahmed 03/25/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 87923698
Conc: 49.17 ng/ml