

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 03:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:39:55 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	5.491	15770490	86424102	49.239	52.658
28)	SA Decachlor...	10.416	11.332	23742936	84754021	46.692	47.397
Target Compounds							
2)	A alpha-BHC	5.349	6.054	20549202	122.3E6	49.852	54.355
3)	MA gamma-BHC...	5.773	6.444	20455064	113.3E6	49.037	53.083
4)	MA Heptachlor	6.184	7.103	21481637	116.9E6	47.610	49.887
5)	MB Aldrin	6.509	7.471	20084534	107.1E6	48.611	51.121
6)	B beta-BHC	6.153	6.680	10444889	52289961	50.729	50.164
7)	B delta-BHC	6.415	6.947	20561867	112.3E6	51.194	52.152
8)	B Heptachlo...	7.086	7.927	20892060	101.1E6	48.476	50.628
9)	A Endosulfan I	7.489	8.327	19966005	90837377	48.672	49.763
10)	B gamma-Chl...	7.364	8.194	21284989	101.1E6	48.673	49.497m
11)	B alpha-Chl...	7.434	8.278	21437691	99112630	48.509	49.556
12)	B 4,4'-DDE	7.648	8.462	17635386	89219014	49.146	49.777
13)	MA Dieldrin	7.775	8.613	20429590	89709987	49.036m	48.630
14)	MA Endrin	8.067	8.847	19676612	75568079	50.712	49.089
15)	B Endosulfa...	8.378	9.070	18988128	73230169	48.578	47.681
16)	A 4,4'-DDD	8.233	8.990	15912344	71302287	49.001	48.847
17)	MA 4,4'-DDT	8.495	9.308	17574625	76072508	46.471	46.541
18)	B Endrin al...	8.566	9.202	14954661	57491717	47.288	46.882m
19)	B Endosulfa...	8.798	9.441	20413763	74500605	48.325	47.270
20)	A Methoxychlor	9.091	9.787	11434858	39436582	44.574	43.766
21)	B Endrin ke...	9.317	9.929	23828305	77333435	48.706	46.852
22)	Mirex	9.505	10.405	21770678	62801085	46.167	46.230

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

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 Operator : AR\AJ
 Sample : PSTDCCC050
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 ALS Vial : 4 Sample Multiplier: 1

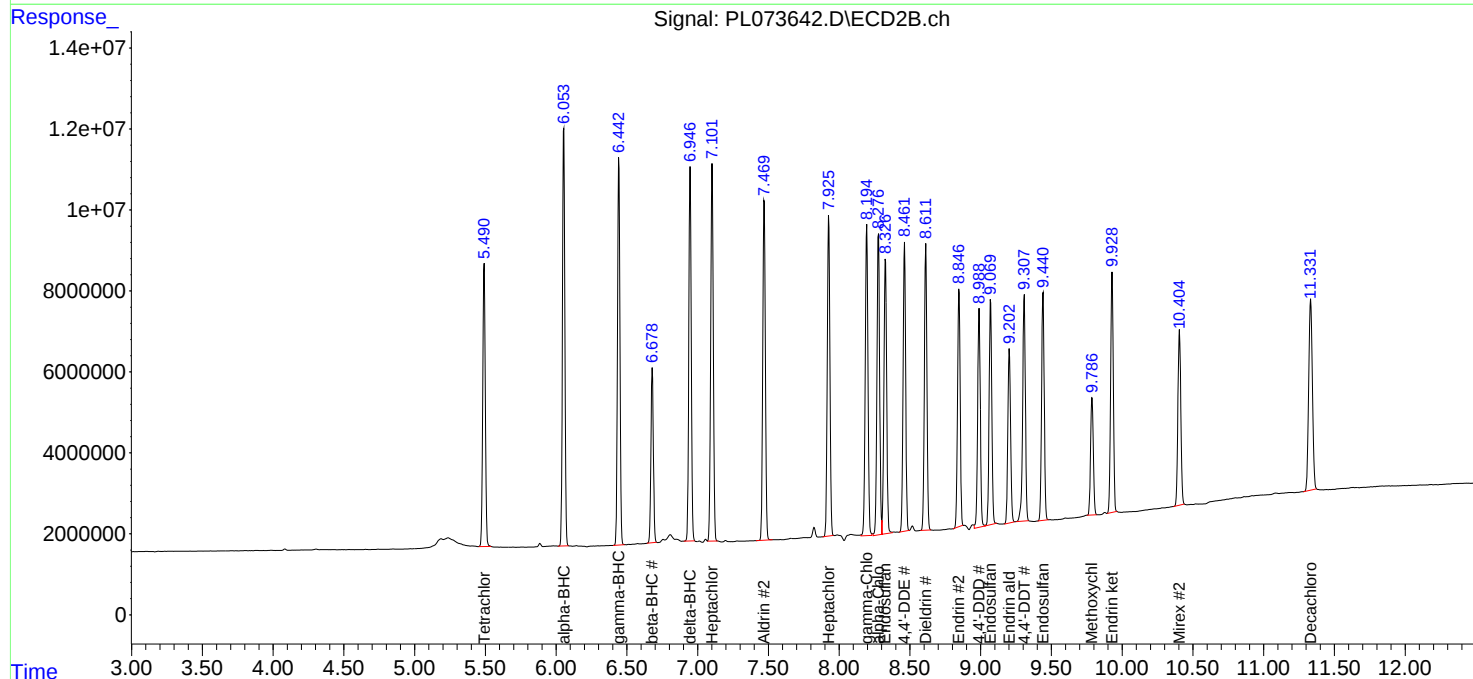
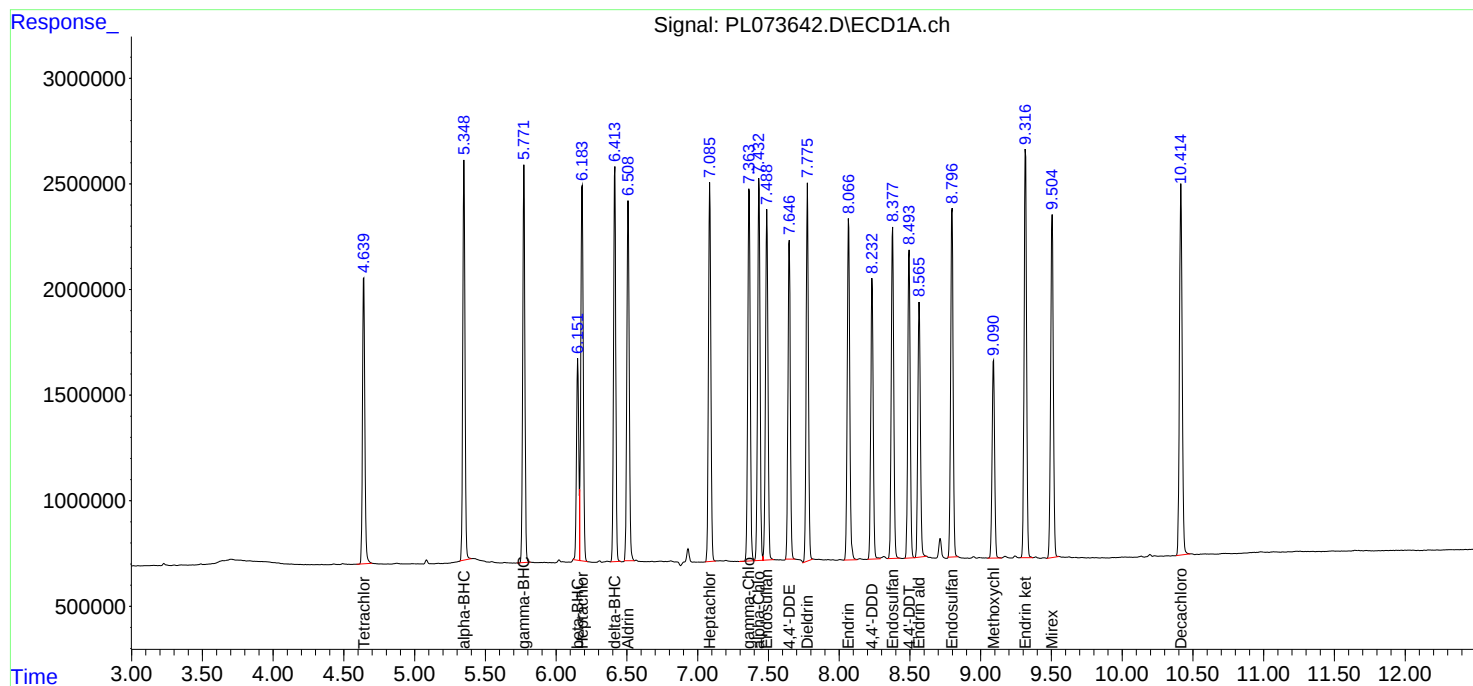
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

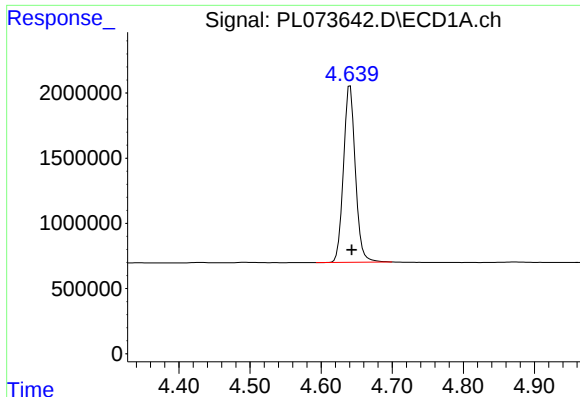
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 03/25/2022

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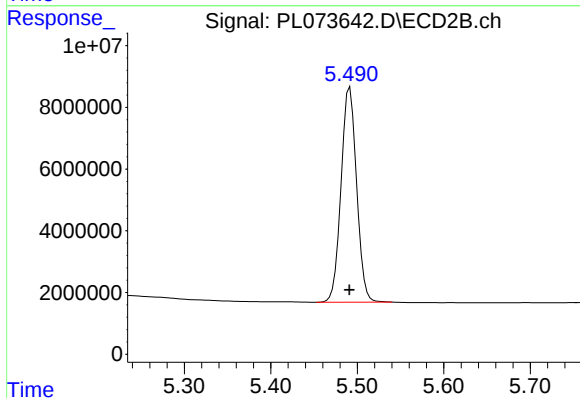
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 15770490
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

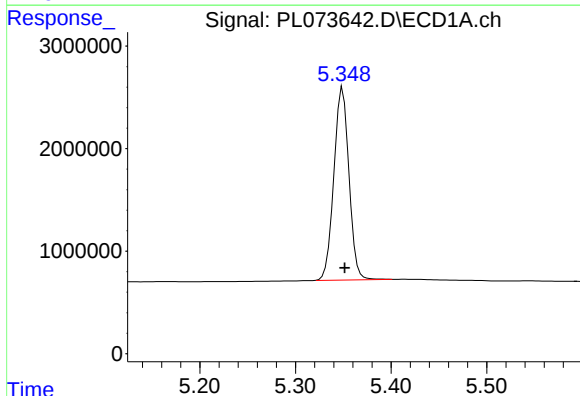
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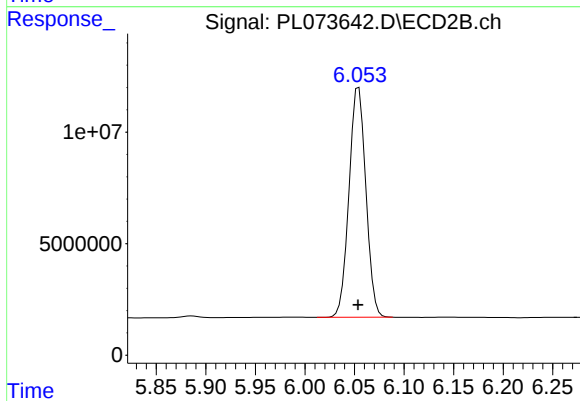
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 86424102
Conc: 52.66 ng/ml



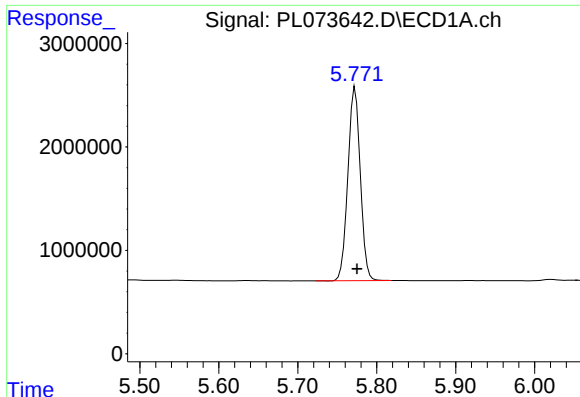
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 20549202
Conc: 49.85 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 122279400
Conc: 54.35 ng/ml



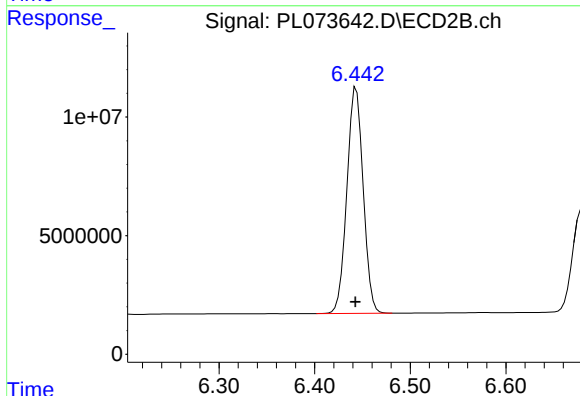
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 20455064
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

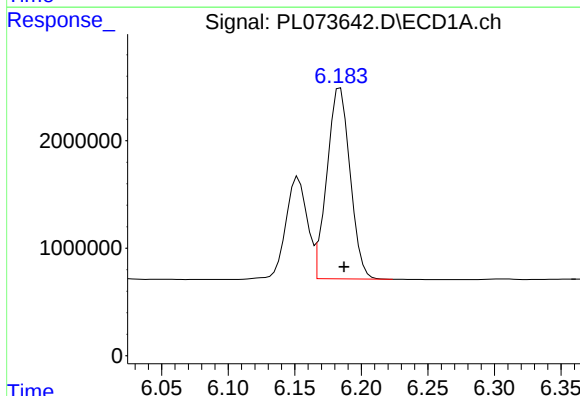
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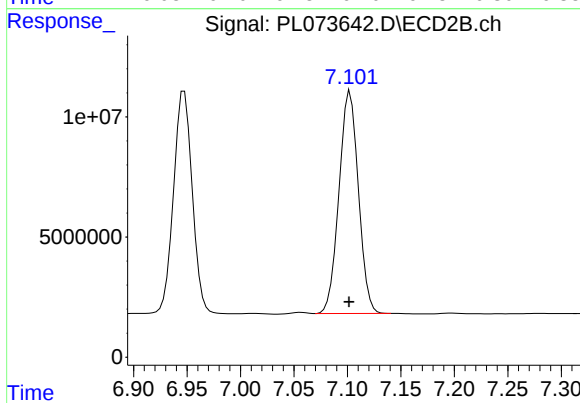
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 113337405
Conc: 53.08 ng/ml



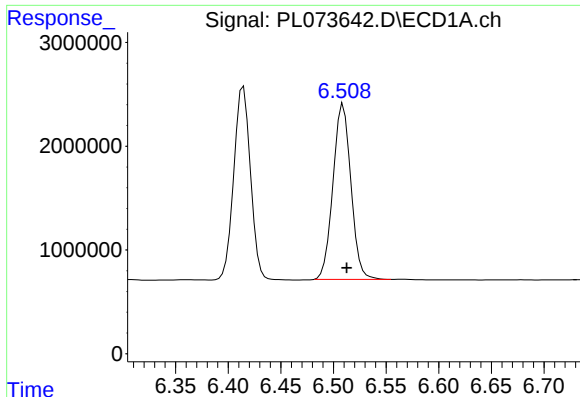
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 21481637
Conc: 47.61 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 116889898
Conc: 49.89 ng/ml



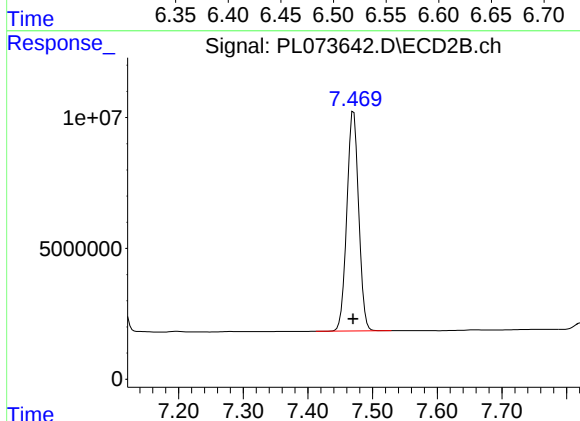
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 20084534
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

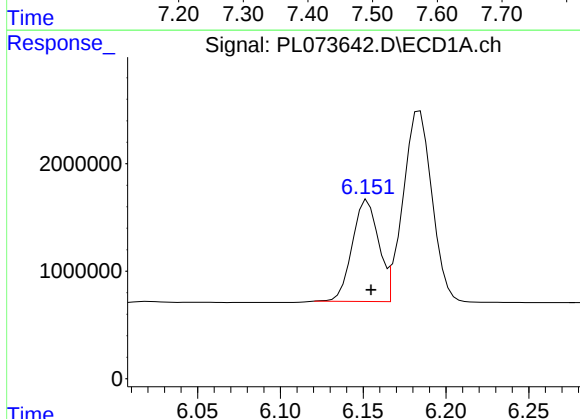
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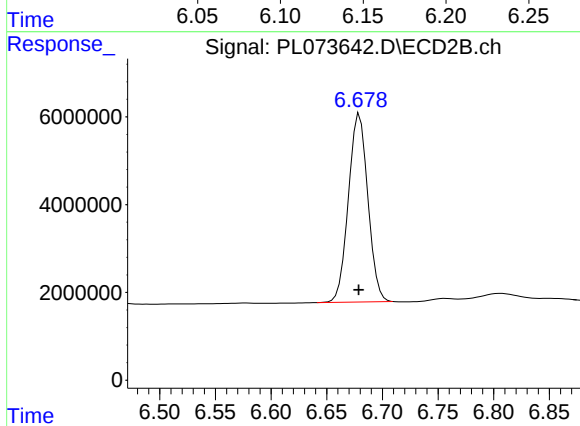
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 107097356
Conc: 51.12 ng/ml



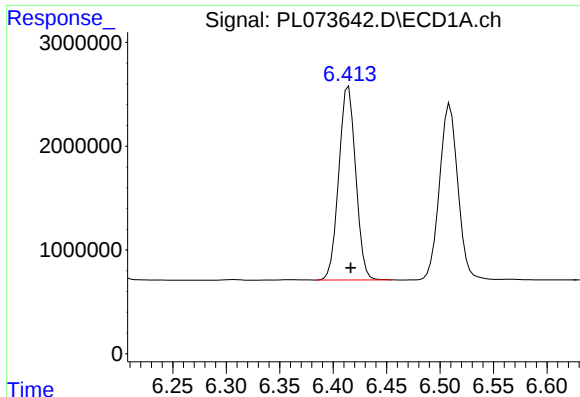
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10444889
Conc: 50.73 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 52289961
Conc: 50.16 ng/ml



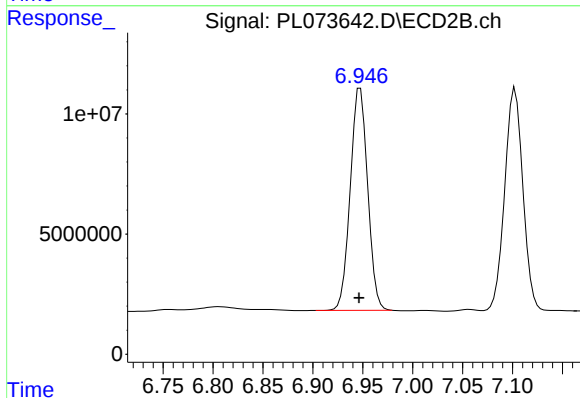
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 20561867
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

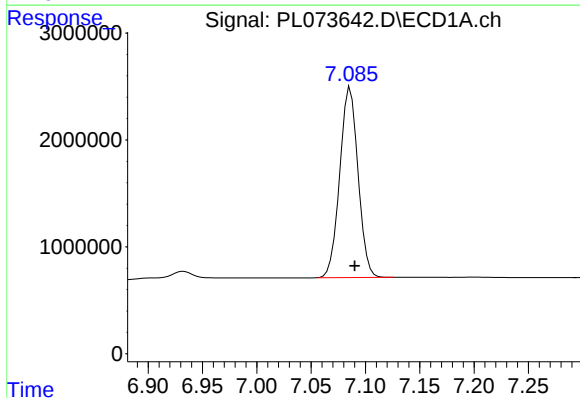
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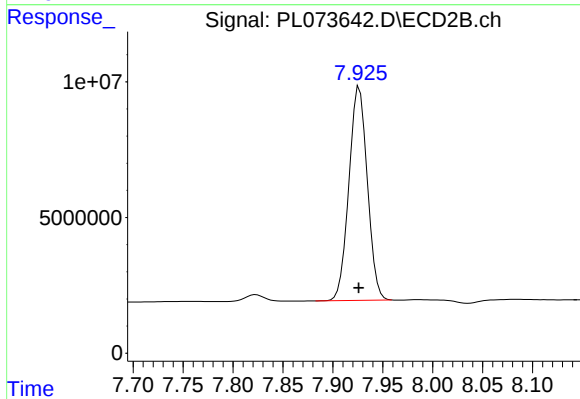
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 112313478
Conc: 52.15 ng/ml



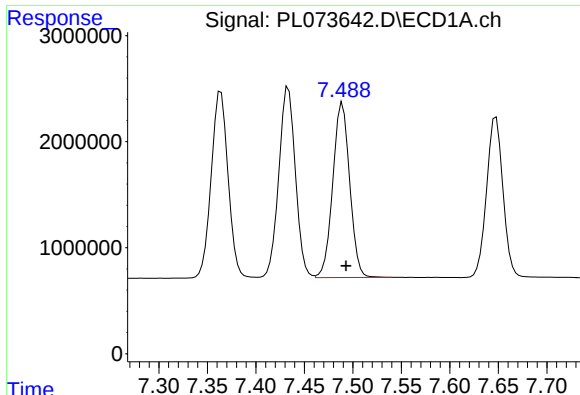
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 20892060
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 101119642
Conc: 50.63 ng/ml



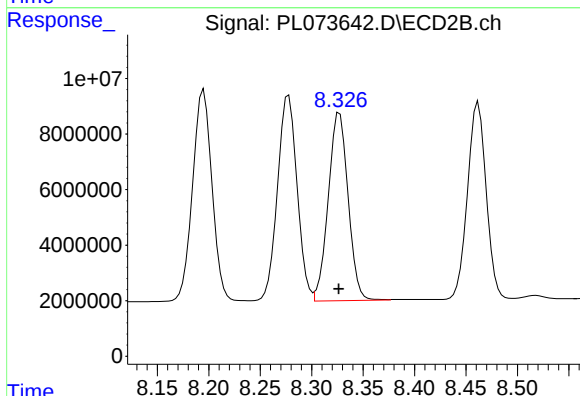
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 19966005
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

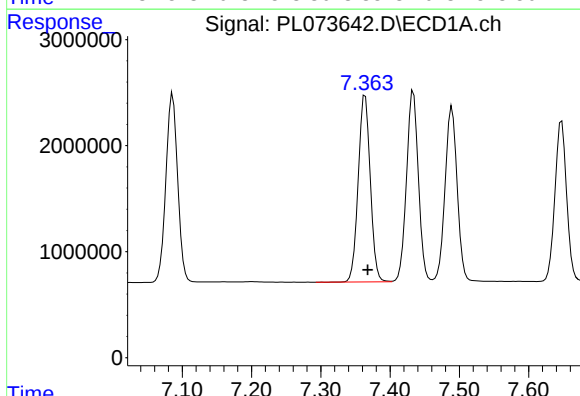
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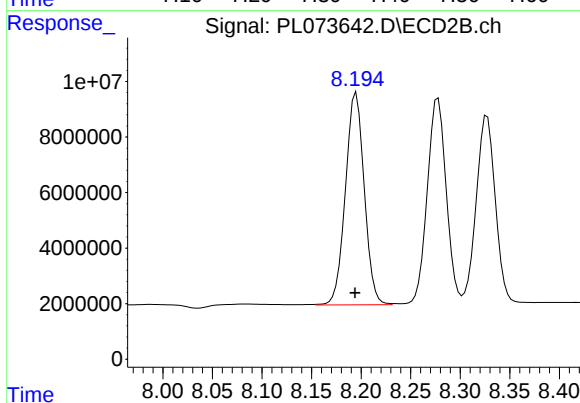
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 90837377
Conc: 49.76 ng/ml



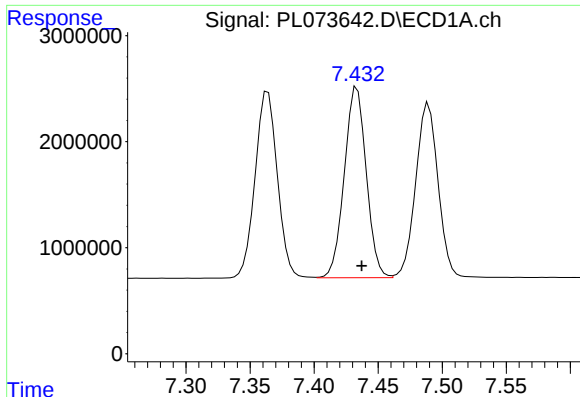
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 21284989
Conc: 48.67 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 101092396
Conc: 49.50 ng/ml m



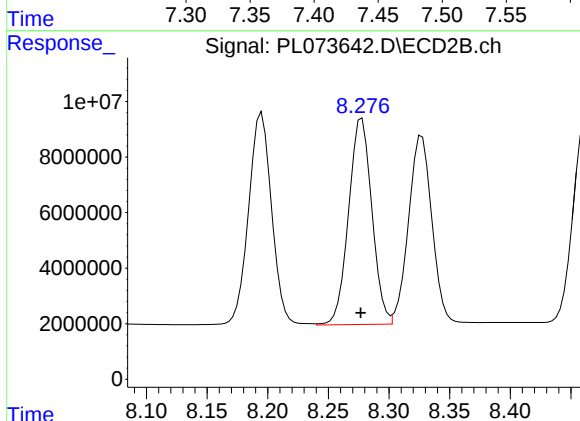
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 21437691
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

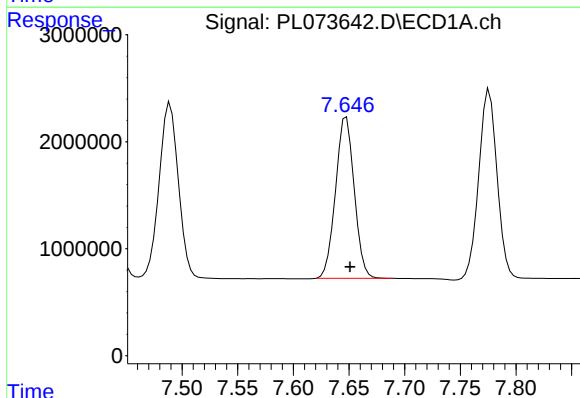
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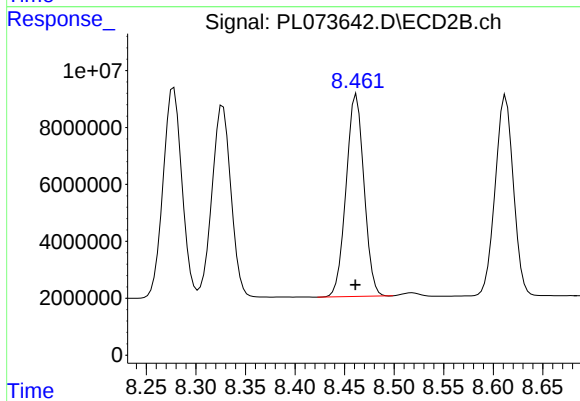
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 99112630
Conc: 49.56 ng/ml



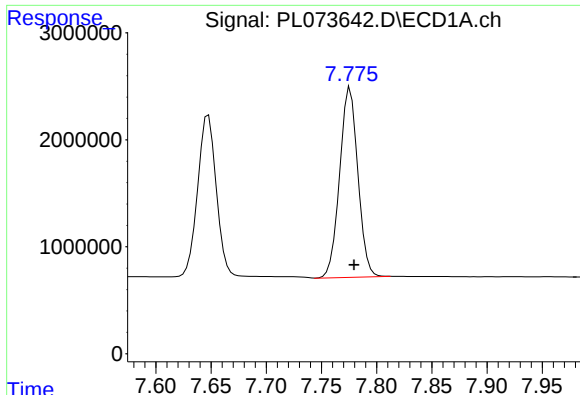
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 17635386
Conc: 49.15 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 89219014
Conc: 49.78 ng/ml



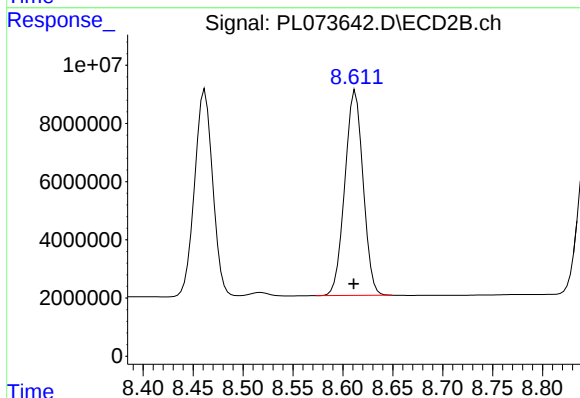
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 20429590
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

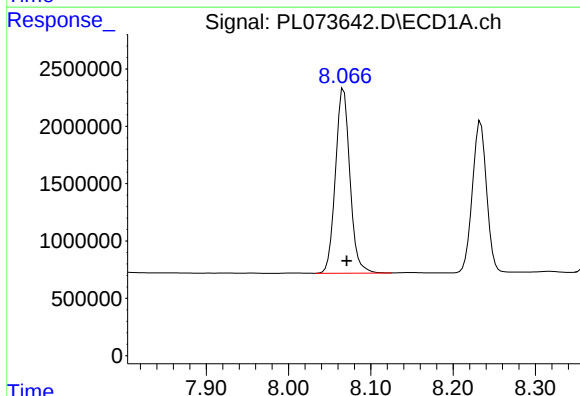
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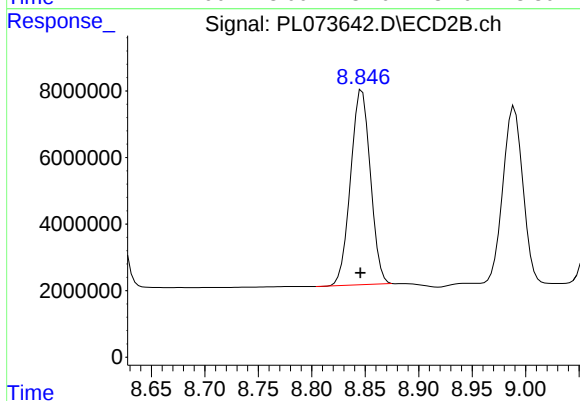
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.001 min
Response: 89709987
Conc: 48.63 ng/ml



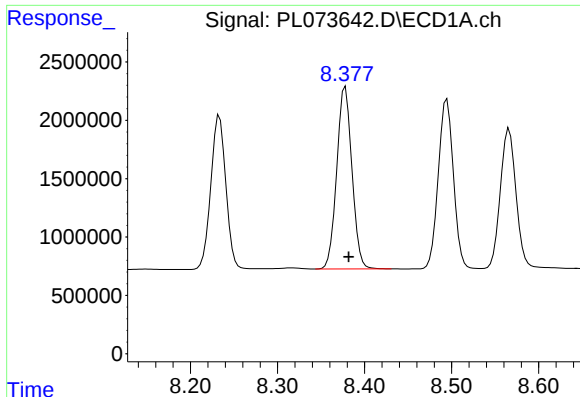
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 19676612
Conc: 50.71 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 75568079
Conc: 49.09 ng/ml



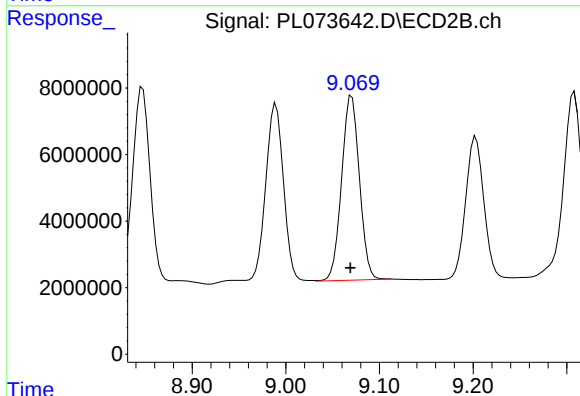
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 18988128
Conc: 48.58 ng/ml

Instrument :
ECD_L
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PSTDCCC050

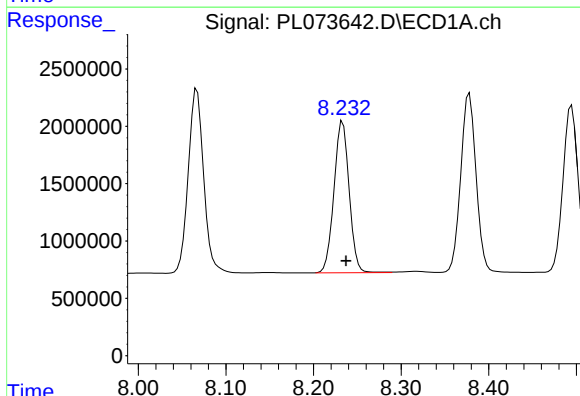
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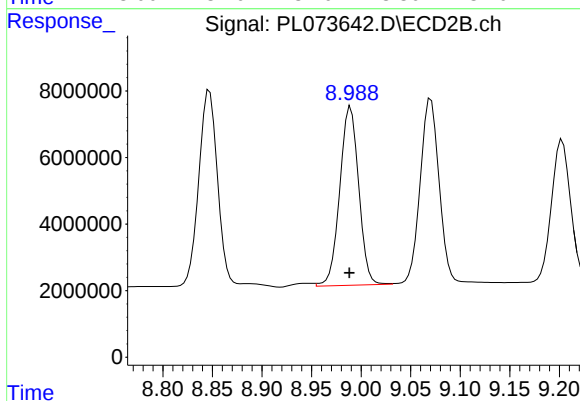
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 73230169
Conc: 47.68 ng/ml



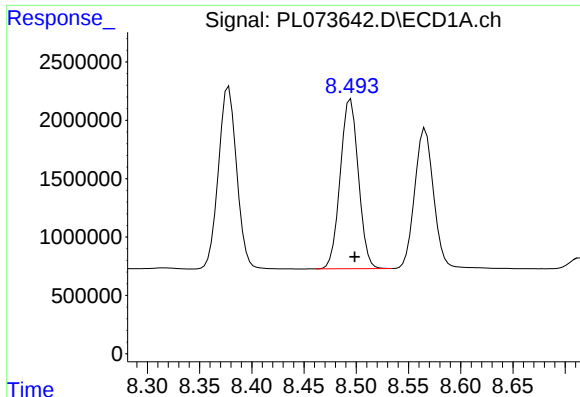
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 15912344
Conc: 49.00 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 71302287
Conc: 48.85 ng/ml



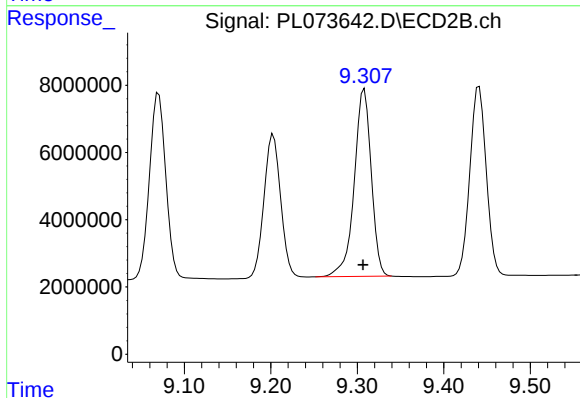
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 17574625
Conc: 46.47 ng/ml

Instrument :
ECD_L
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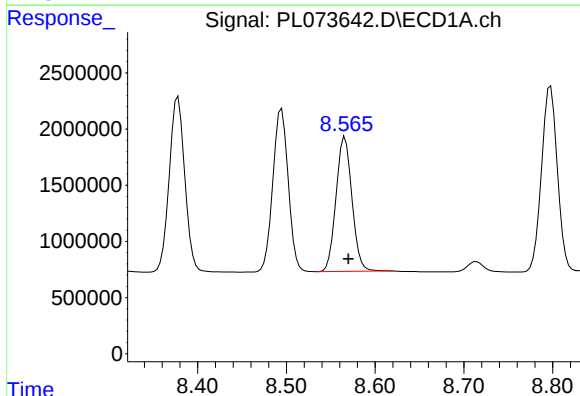
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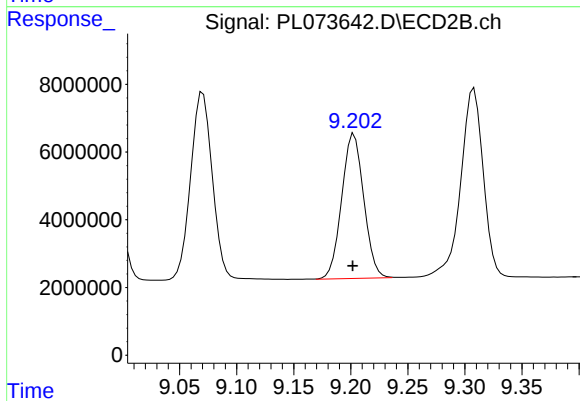
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 76072508
Conc: 46.54 ng/ml



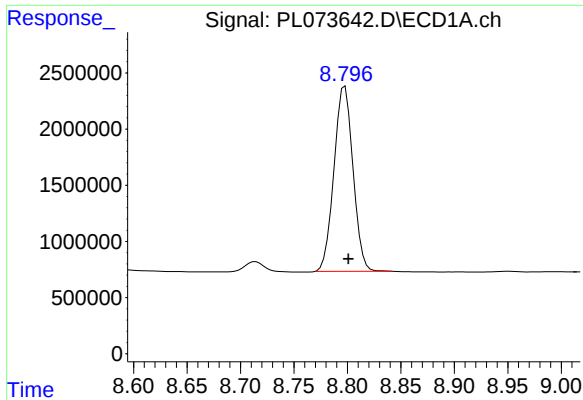
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 14954661
Conc: 47.29 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 57491717
Conc: 46.88 ng/ml m



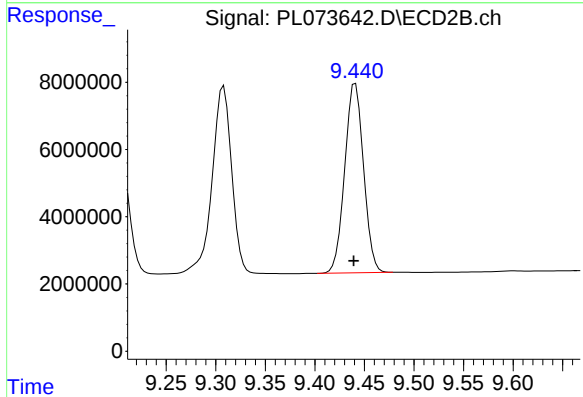
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 20413763
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

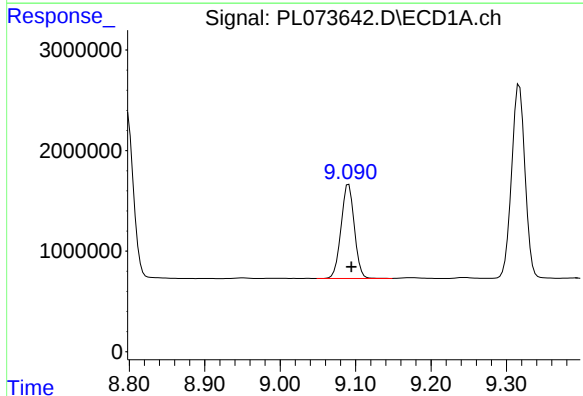
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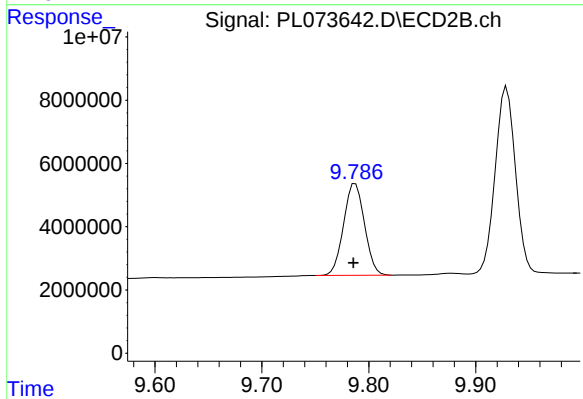
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 74500605
Conc: 47.27 ng/ml



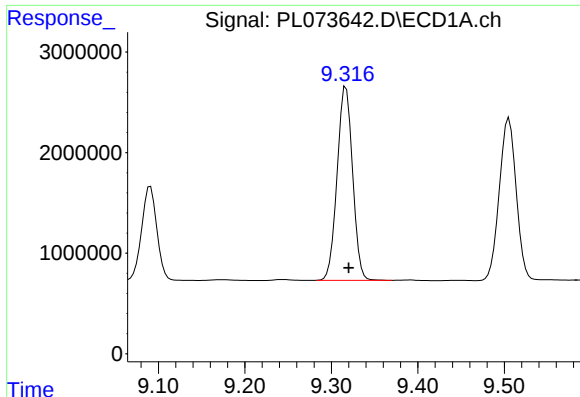
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 11434858
Conc: 44.57 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 39436582
Conc: 43.77 ng/ml



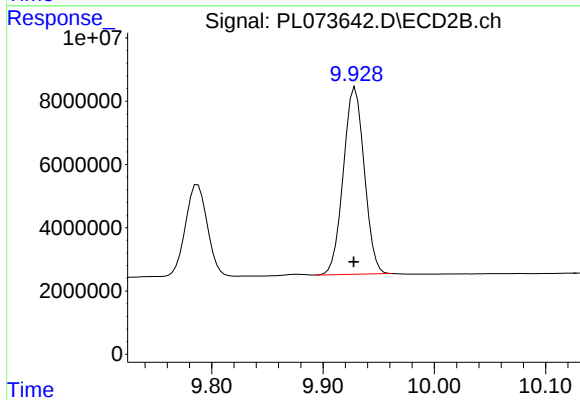
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 23828305
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

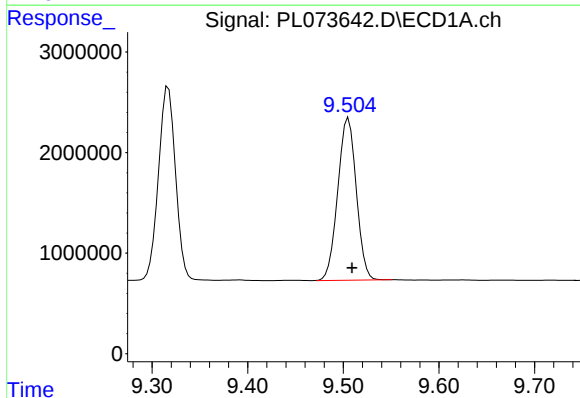
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Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



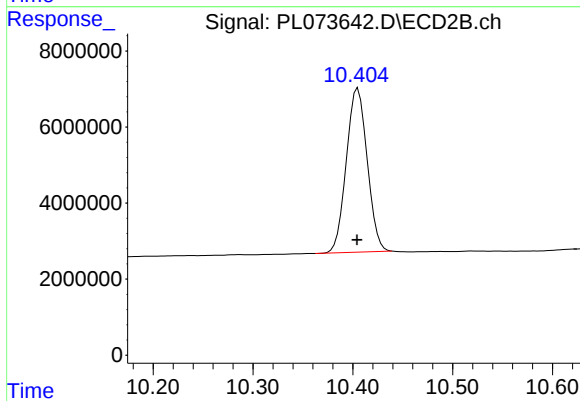
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 77333435
Conc: 46.85 ng/ml



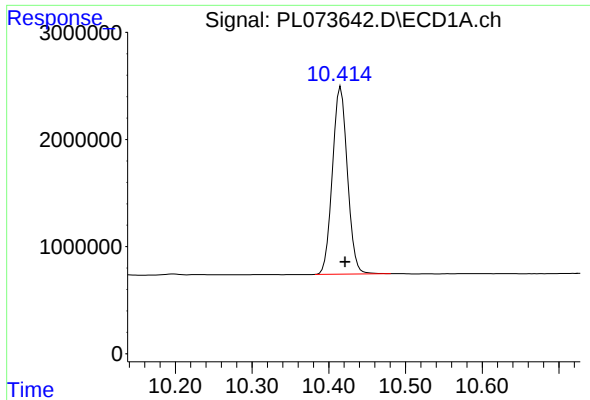
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 21770678
Conc: 46.17 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.001 min
Response: 62801085
Conc: 46.23 ng/ml



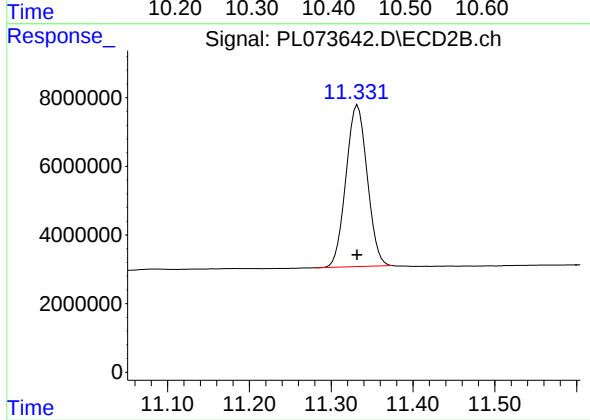
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 23742936
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 84754021
Conc: 47.40 ng/ml