

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 09:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 02:02:07 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...	4.641	5.489	15190501	81917692	47.013	45.945
2)	SA Decachlor...	10.412	11.332	23996932	80604925	46.145	45.635
Target Compounds							
2)	A alpha-BHC	5.349	6.052	19029245	117.8E6	45.344	46.791
3)	MA gamma-BHC...	5.772	6.441	18932909	110.0E6	45.143	46.479
4)	MA Heptachlor	6.183	7.101	20484402	119.3E6	45.475	45.738
5)	MB Aldrin	6.508	7.469	18918846	109.3E6	45.582	46.548
6)	B beta-BHC	6.152	6.678	9458733	50455858	46.292	44.769
7)	B delta-BHC	6.414	6.946	18666944	110.3E6	45.125	45.157
8)	B Heptachlo...	7.085	7.925	19543199	101.4E6	45.562	45.029
9)	A Endosulfan I	7.488	8.325	18770546	90861077	45.768	46.154
10)	B gamma-Chl...	7.362	8.194	19975615	102.1E6	45.545	45.771
11)	B alpha-Chl...	7.432	8.276	20196923	99519330	45.718	46.232
12)	B 4,4'-DDE	7.646	8.460	16662048	92740720	45.672	46.564
13)	MA Dieldrin	7.774	8.611	19033164	92074146	44.307	45.916
14)	MA Endrin	8.066	8.845	17835201	75609325	43.904	44.642
15)	B Endosulfa...	8.376	9.070	17935256	73796283	43.515	42.479
16)	A 4,4'-DDD	8.231	8.988	14813944	72420773	45.874	47.069
17)	MA 4,4'-DDT	8.492	9.307	16400181	78204139	44.368	44.117
18)	B Endrin al...	8.564	9.202	14204471	57533802	43.901	44.544
19)	B Endosulfa...	8.795	9.440	19345861	75203230	45.304	45.185
20)	A Methoxychlor	9.087	9.785	10647731	39921034	42.888	41.505m
21)	B Endrin ke...	9.314	9.928	23020884	80412451	47.121	46.456
22)	Mirex	9.502	10.404	21471232	64005950	46.036	46.468

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073925.D
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 Acq On : 11 Apr 2022 09:35
 Operator : AR\AJ
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

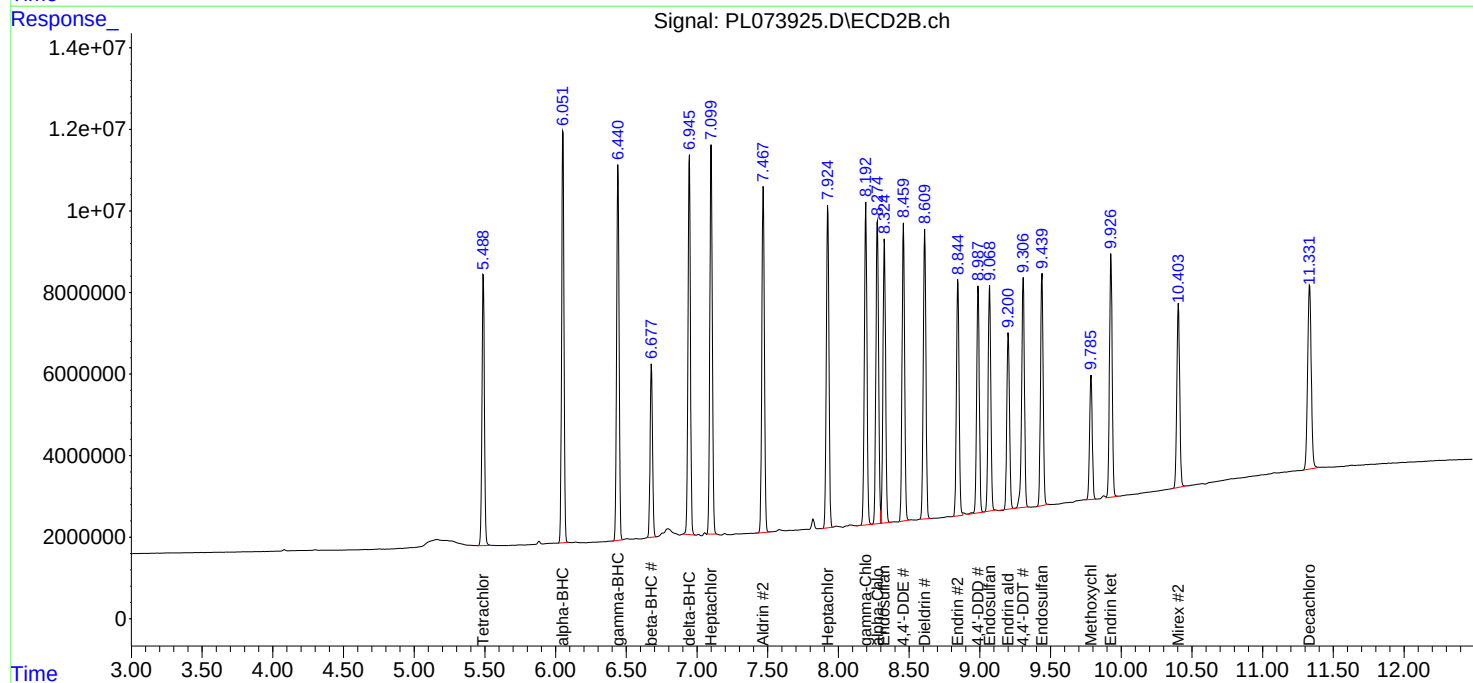
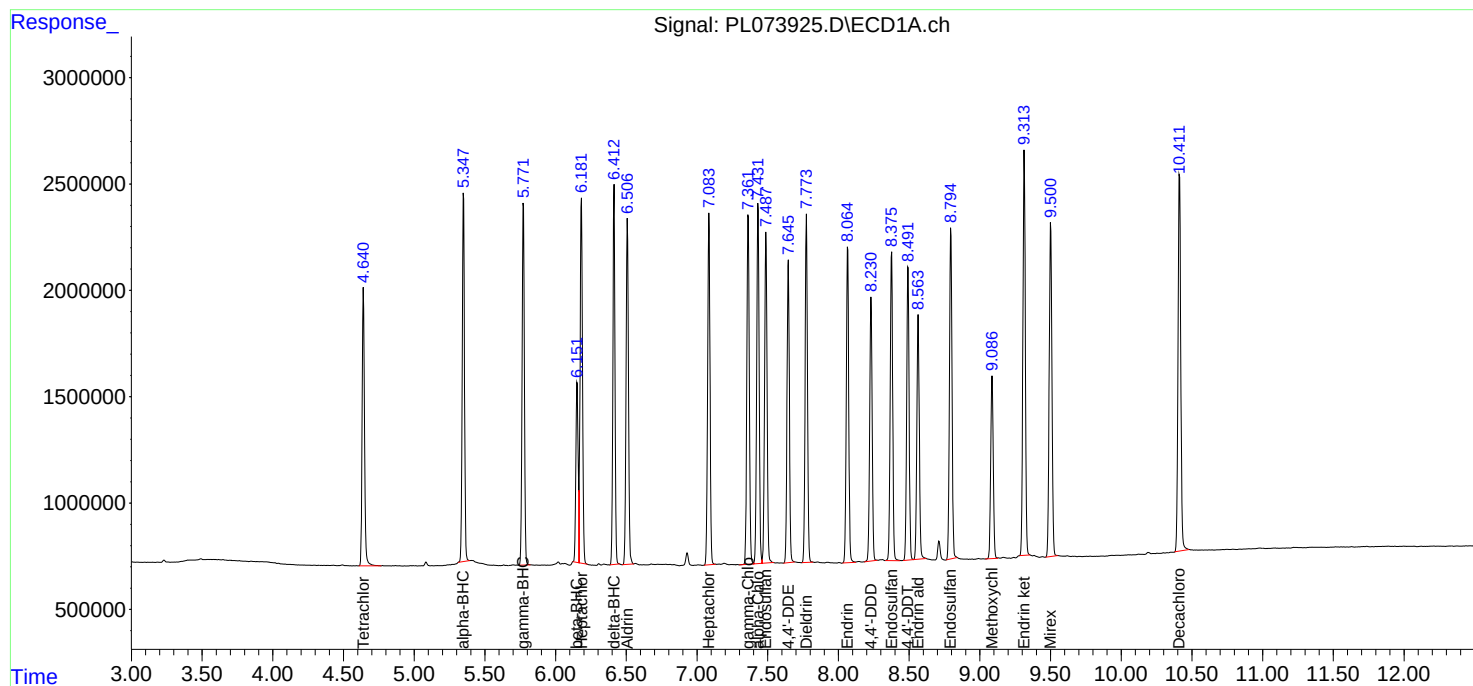
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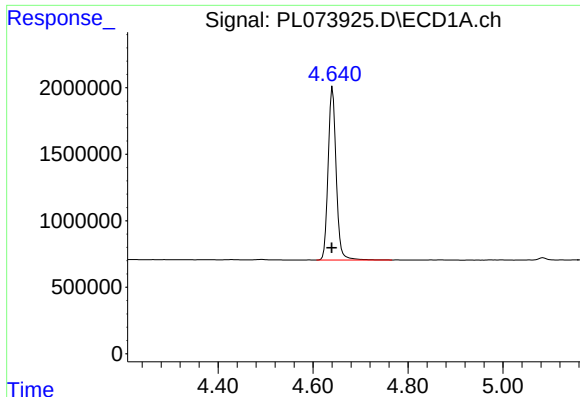
Reviewed By :Abdul Mirza 04/12/2022

Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:02:07 2022
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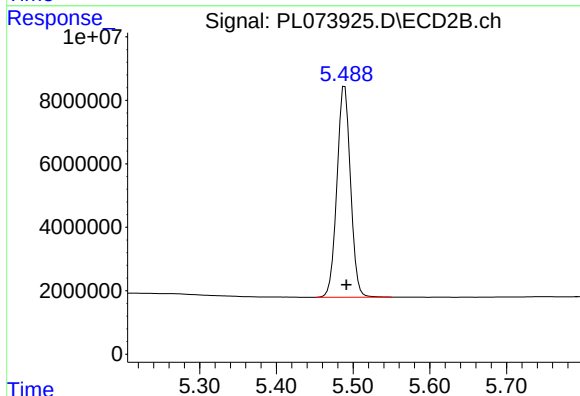
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: 0.002 min
Response: 15190501
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

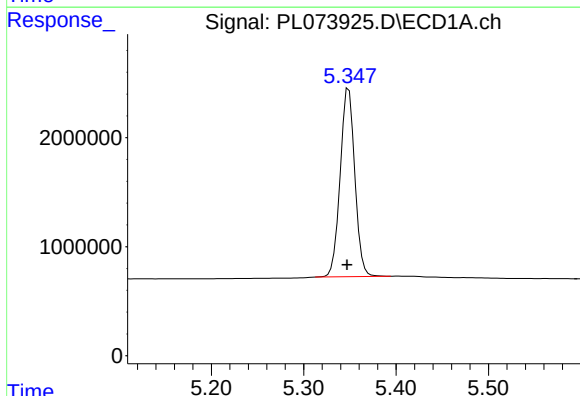
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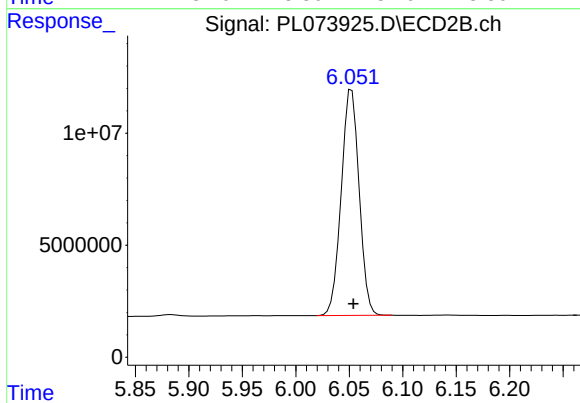
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 81917692
Conc: 45.94 ng/ml



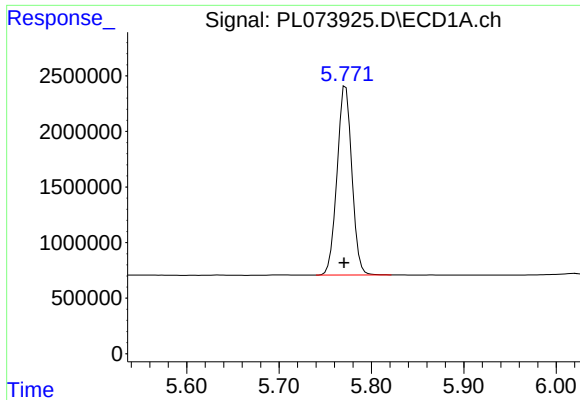
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: 0.002 min
Response: 19029245
Conc: 45.34 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 117825168
Conc: 46.79 ng/ml



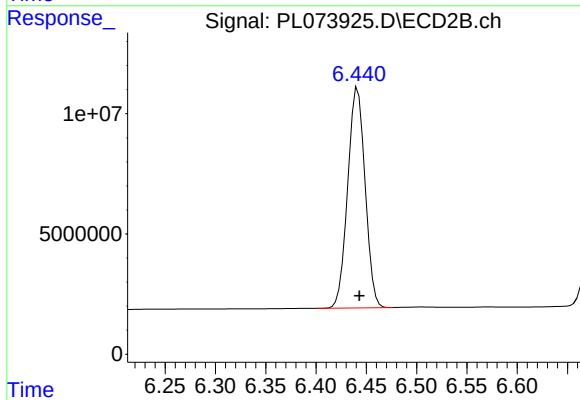
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: 0.002 min
Response: 18932909
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

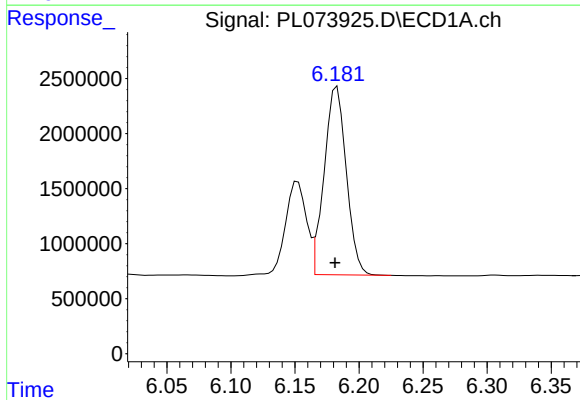
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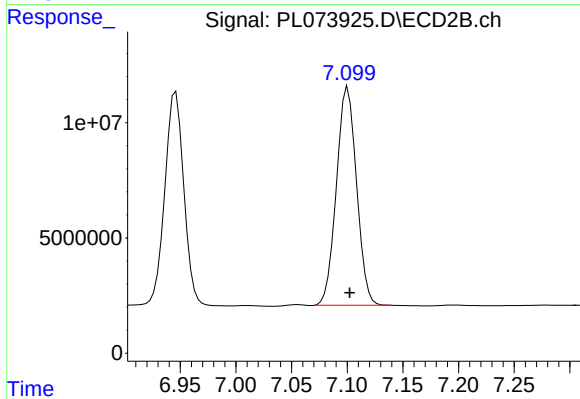
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 110020170
Conc: 46.48 ng/ml



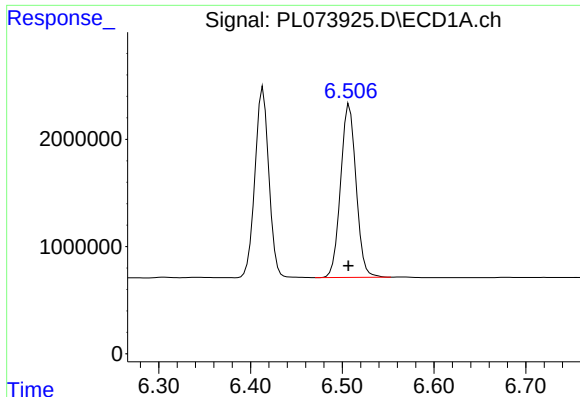
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: 0.001 min
Response: 20484402
Conc: 45.47 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 119302617
Conc: 45.74 ng/ml



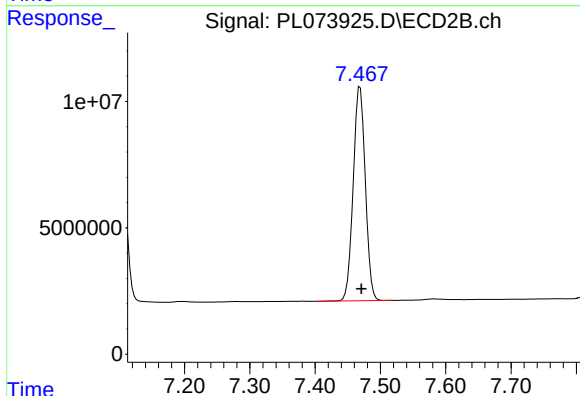
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: 0.001 min
Response: 18918846
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

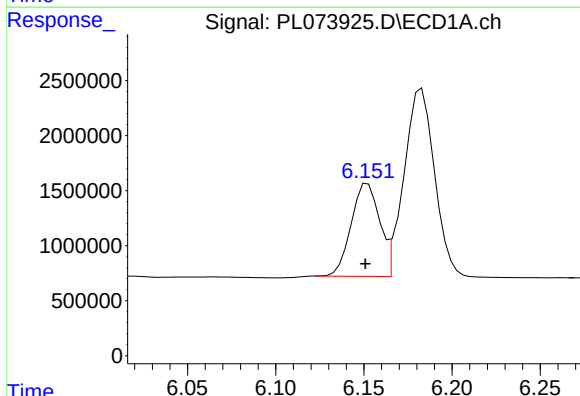
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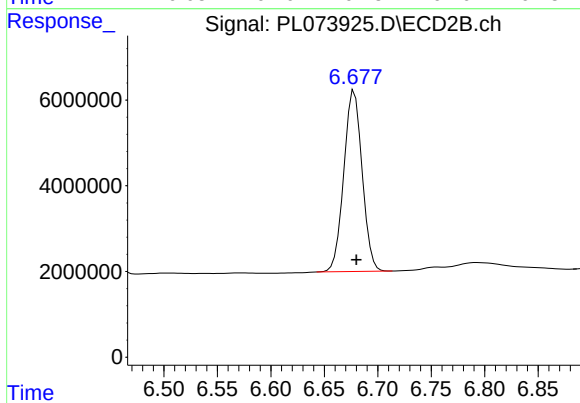
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 109322106
Conc: 46.55 ng/ml



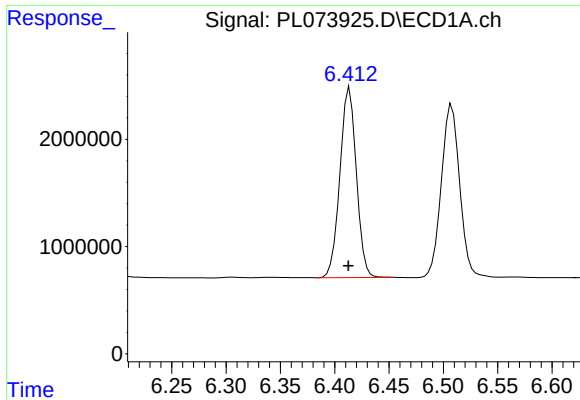
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 9458733
Conc: 46.29 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 50455858
Conc: 44.77 ng/ml



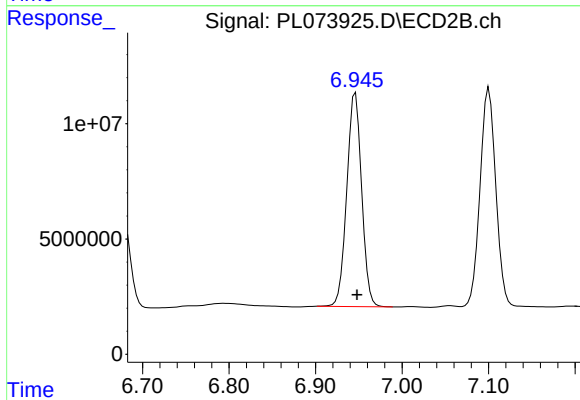
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: 0.001 min
Response: 18666944
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

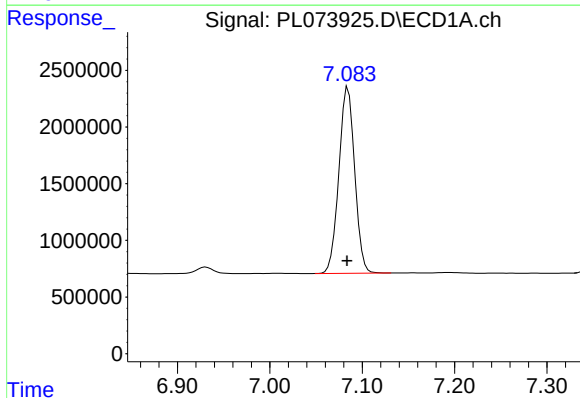
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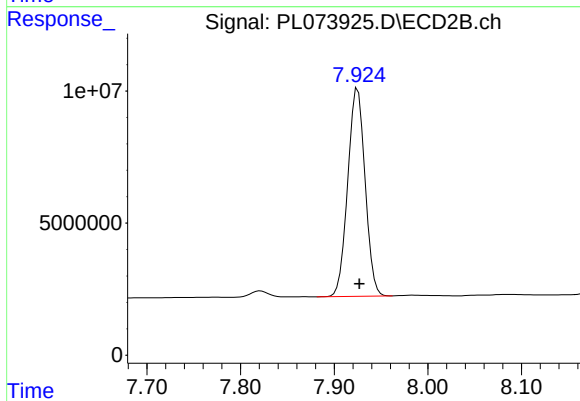
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 110284780
Conc: 45.16 ng/ml



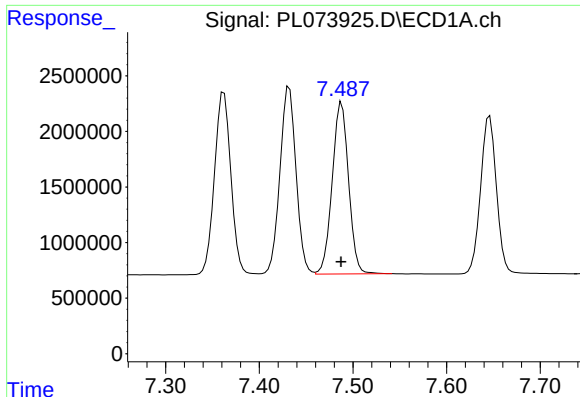
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 19543199
Conc: 45.56 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 101384901
Conc: 45.03 ng/ml



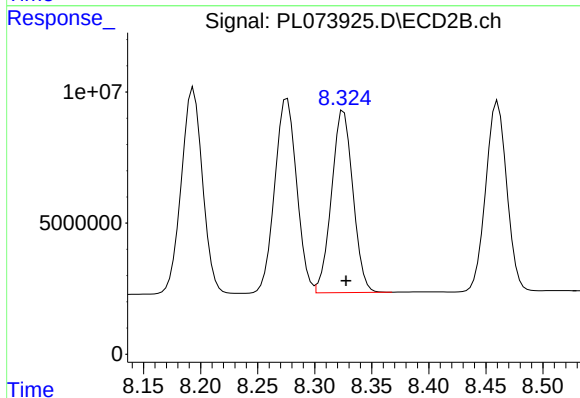
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 18770546
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

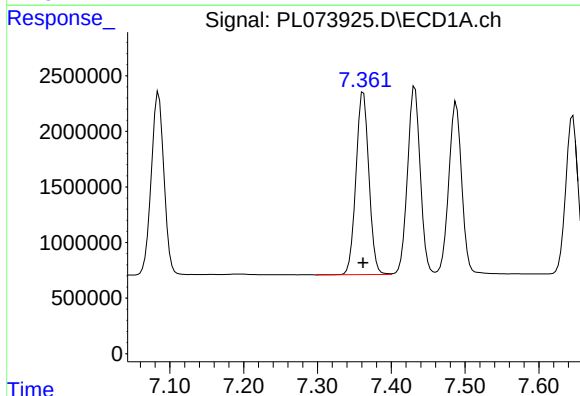
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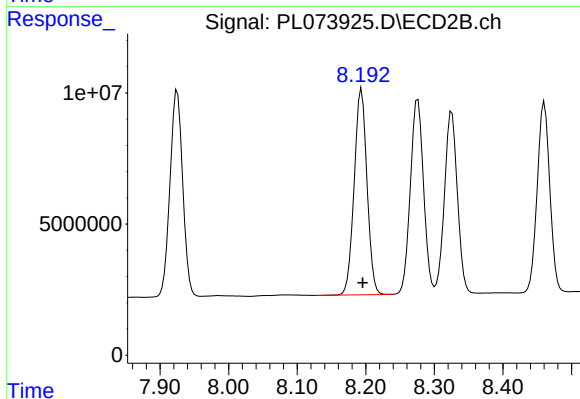
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 90861077
Conc: 46.15 ng/ml



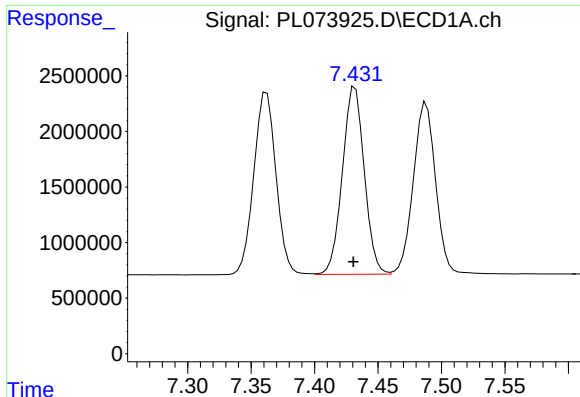
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 19975615
Conc: 45.55 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 102084918
Conc: 45.77 ng/ml



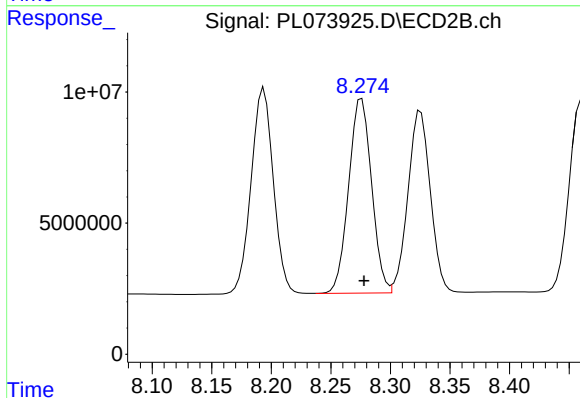
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: 0.001 min
Response: 20196923
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

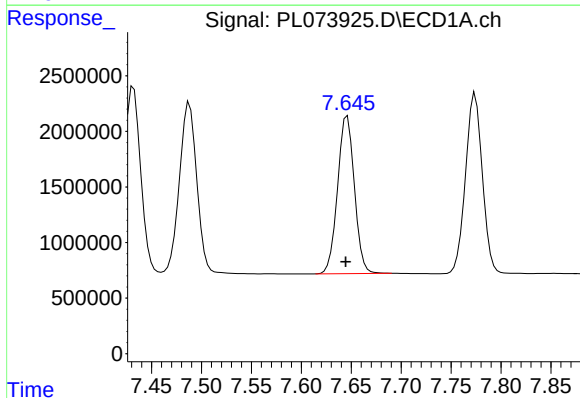
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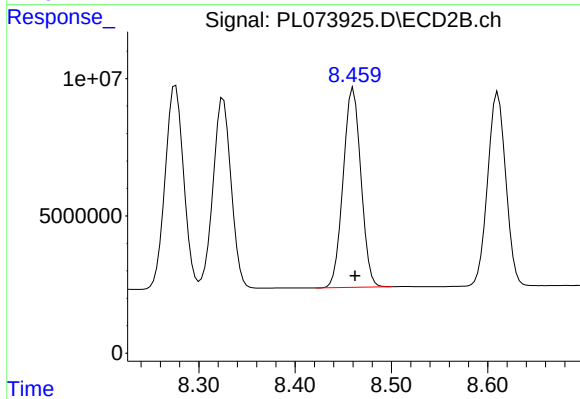
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 99519330
Conc: 46.23 ng/ml



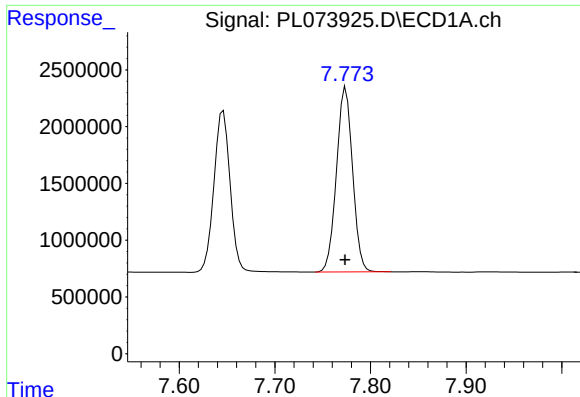
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 16662048
Conc: 45.67 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 92740720
Conc: 46.56 ng/ml



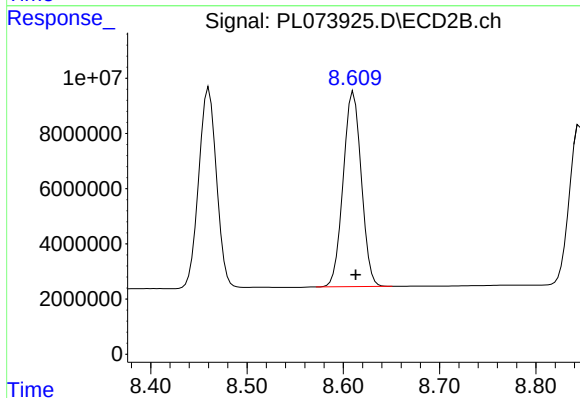
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 19033164
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

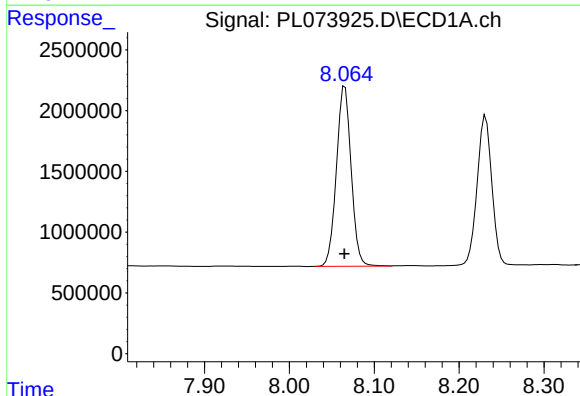
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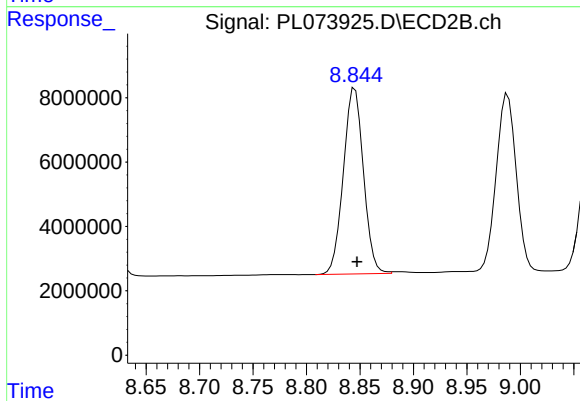
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 92074146
Conc: 45.92 ng/ml



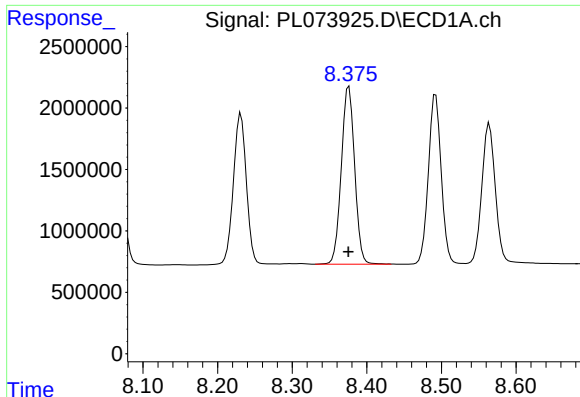
#14 Endrin

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 17835201
Conc: 43.90 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 75609325
Conc: 44.64 ng/ml



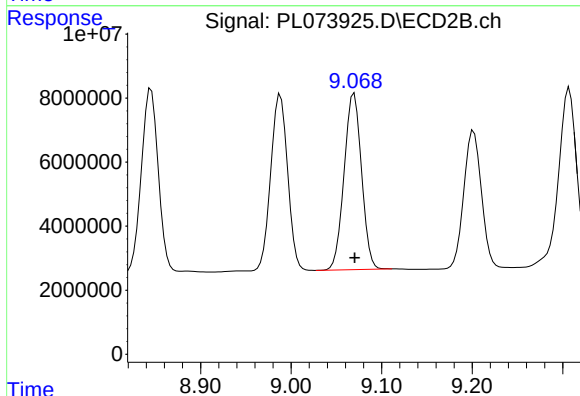
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 17935256
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

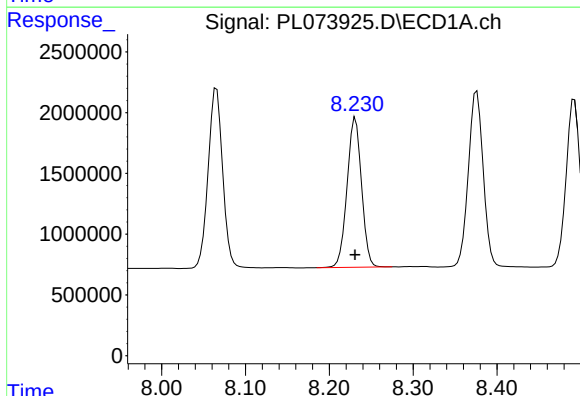
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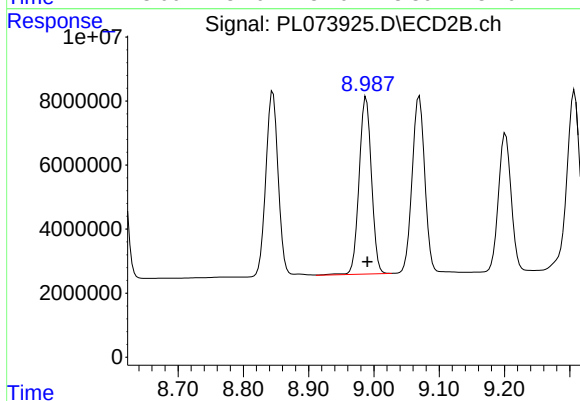
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 73796283
Conc: 42.48 ng/ml



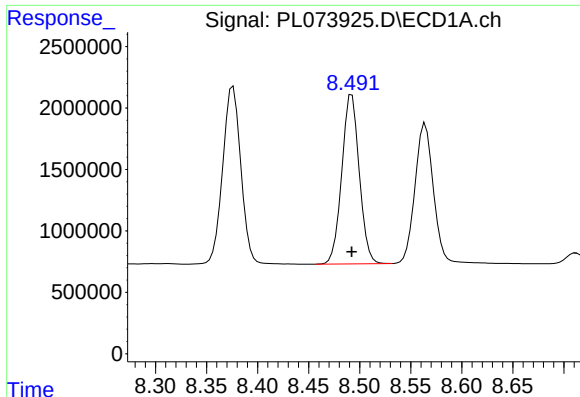
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 14813944
Conc: 45.87 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 72420773
Conc: 47.07 ng/ml



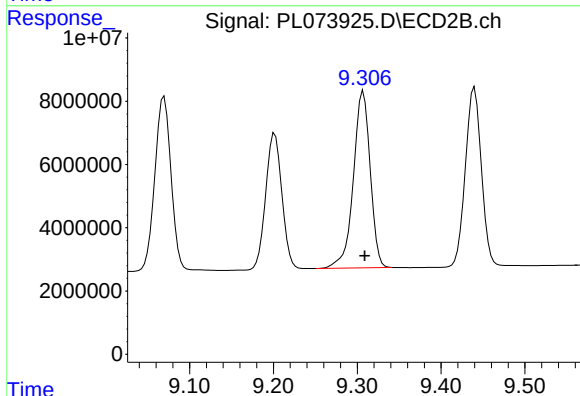
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 16400181
Conc: 44.37 ng/ml

Instrument :
ECD_L
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PSTDCCC050

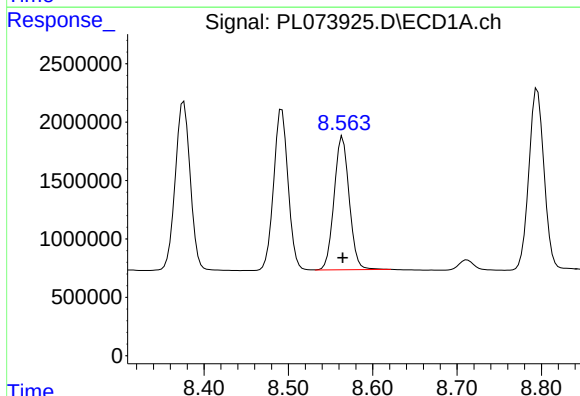
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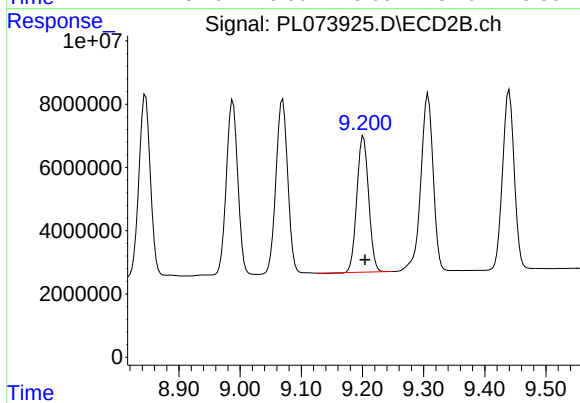
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 78204139
Conc: 44.12 ng/ml



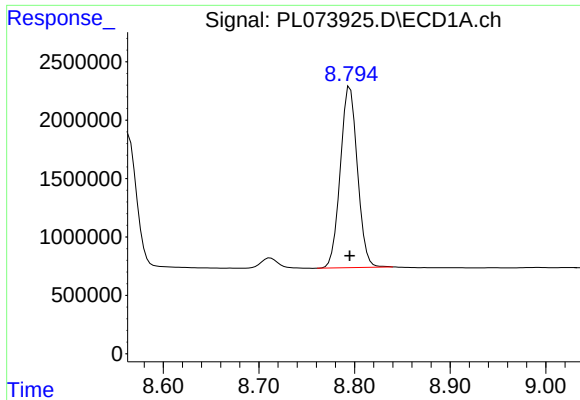
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 14204471
Conc: 43.90 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 57533802
Conc: 44.54 ng/ml



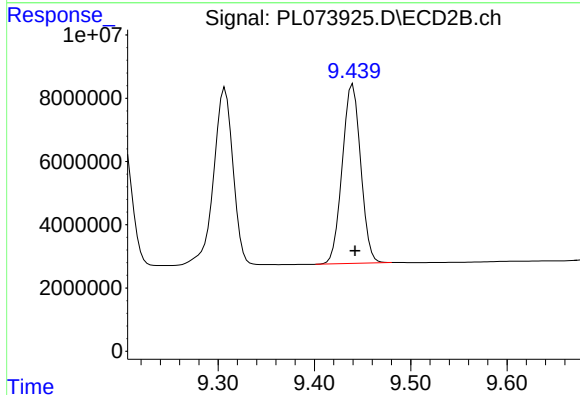
#19 Endosulfan Sulfate

R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 19345861
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

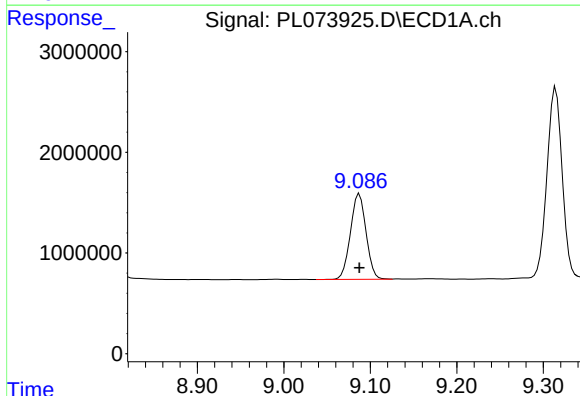
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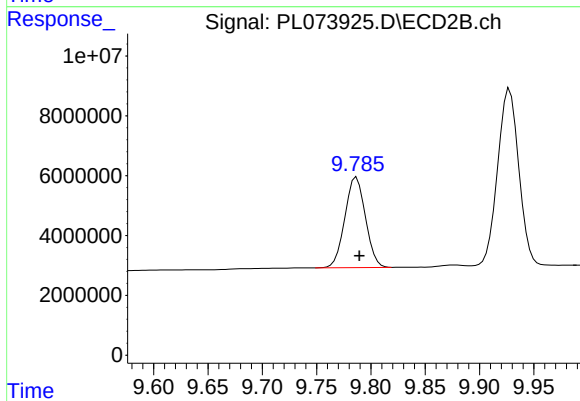
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 75203230
Conc: 45.19 ng/ml



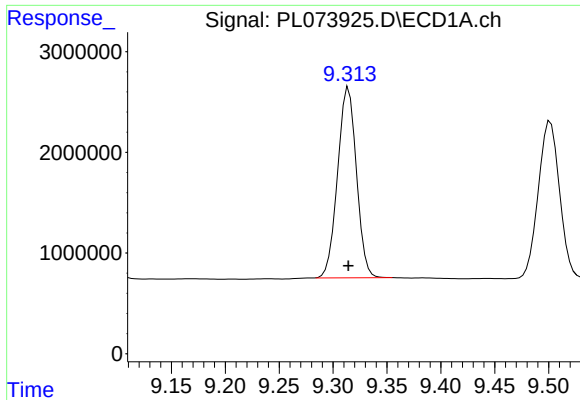
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 10647731
Conc: 42.89 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 39921034
Conc: 41.50 ng/ml m



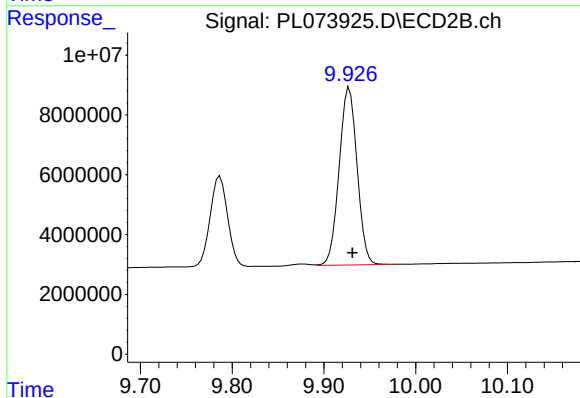
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 23020884
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

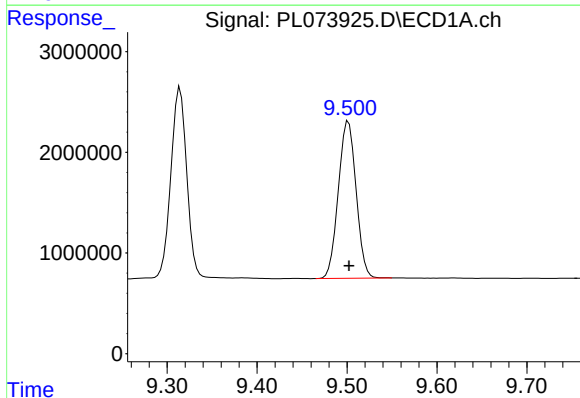
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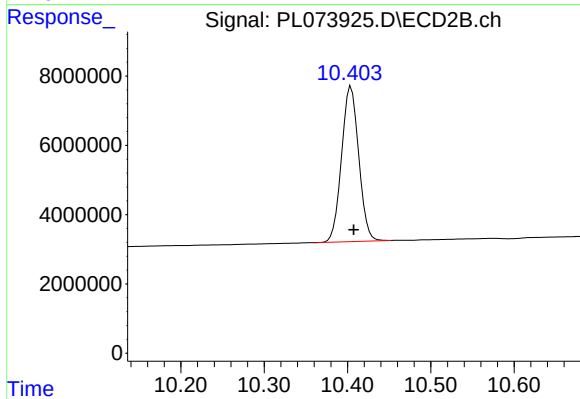
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 80412451
Conc: 46.46 ng/ml



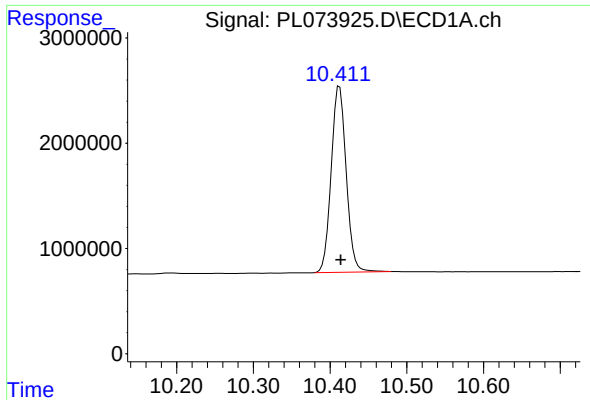
#22 Mirex

R.T.: 9.502 min
Delta R.T.: 0.000 min
Response: 21471232
Conc: 46.04 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 64005950
Conc: 46.47 ng/ml



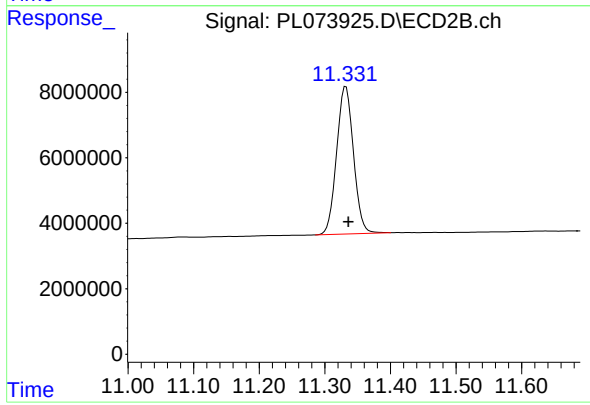
#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 23996932
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 80604925
Conc: 45.63 ng/ml