

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032422\
 Data File : PL073654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 13:53
 Operator : AR\AJ
 Sample : PB143568BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143568BS

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 01:24:36 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	6827388	36789419	21.317	22.416
28)	SA Decachlor...	10.416	11.333	11630794	39778566	22.873	22.245
Target Compounds							
2)	A alpha-BHC	5.350	6.054	22388423	134.0E6	54.314	59.577
3)	MA gamma-BHC...	5.774	6.443	22123322	124.8E6	53.036	58.455
4)	MA Heptachlor	6.185	7.102	23619032	130.2E6	52.347	55.579
5)	MB Aldrin	6.510	7.471	22735990	125.3E6	55.028	59.805
6)	B beta-BHC	6.153	6.679	10568809	54544992	51.331	52.328
7)	B delta-BHC	6.415	6.947	22148731	123.9E6	55.145	57.526
8)	B Heptachlo...	7.087	7.926	22968144	115.8E6	53.293	58.001
9)	A Endosulfan I	7.490	8.325	21660488	100.9E6	52.802	55.282m
10)	B gamma-Chl...	7.365	8.193	23516282	115.4E6	53.776	56.500m
11)	B alpha-Chl...	7.434	8.276	23716476	112.9E6	53.665	56.435m
12)	B 4,4'-DDE	7.648	8.462	19618023	102.8E6	54.671	57.382
13)	MA Dieldrin	7.775	8.612	23826003	107.2E6	57.188m	58.086
14)	MA Endrin	8.066	8.847	23226925	89850440	59.863m	58.367
15)	B Endosulfa...	8.378	9.069	22361905	89823520	57.210	58.485m
16)	A 4,4'-DDD	8.234	8.987	17771768	80756418	54.726	55.324m
17)	MA 4,4'-DDT	8.495	9.308	19993256	83649987	52.867	51.177
18)	B Endrin al...	8.567	9.201	18553595	72714625	58.668	59.295m
19)	B Endosulfa...	8.798	9.440	22863961	86183725	54.126	54.683
20)	A Methoxychlor	9.091	9.787	13584427	47830351	52.954	53.081
21)	B Endrin ke...	9.317	9.928	27038011	90177728	55.267	54.634
22)	Mirex	9.505	10.405	27203136	80743913	57.687	59.438

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

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 ALS Vial : 13 Sample Multiplier: 1

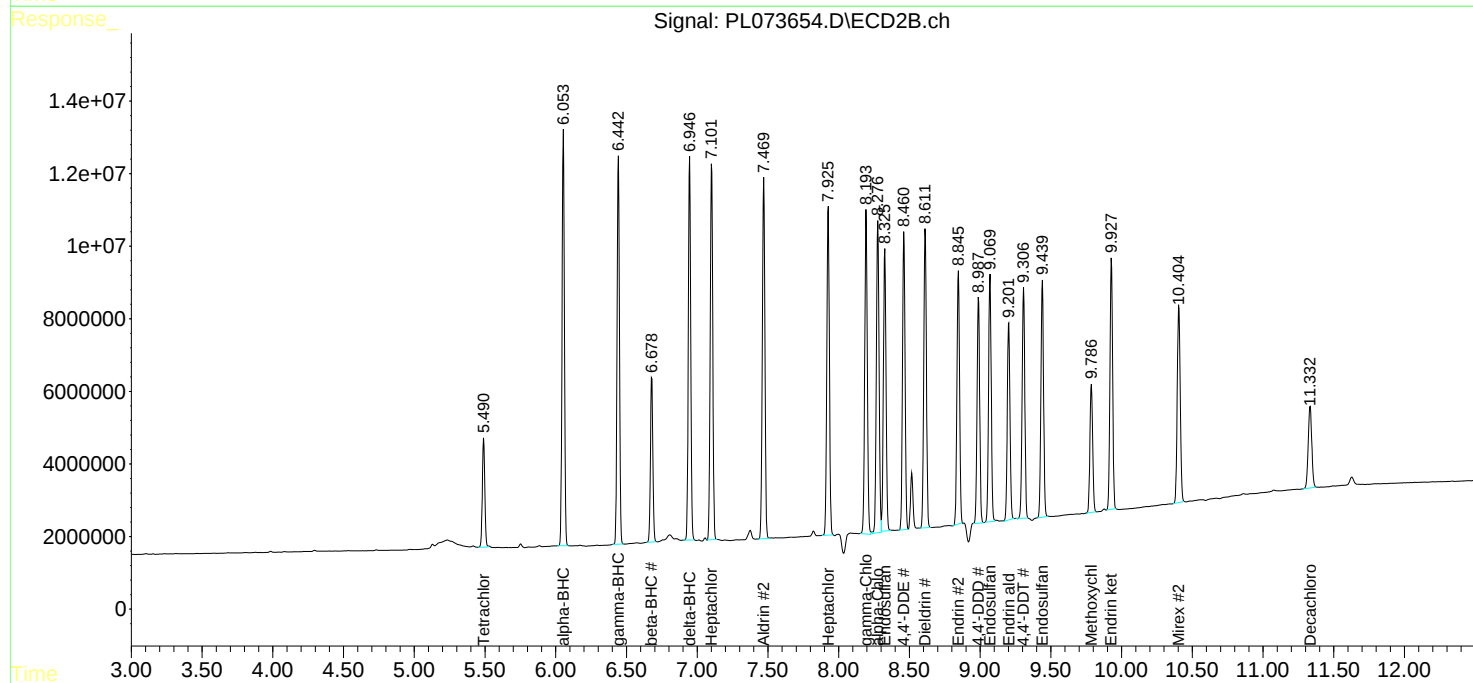
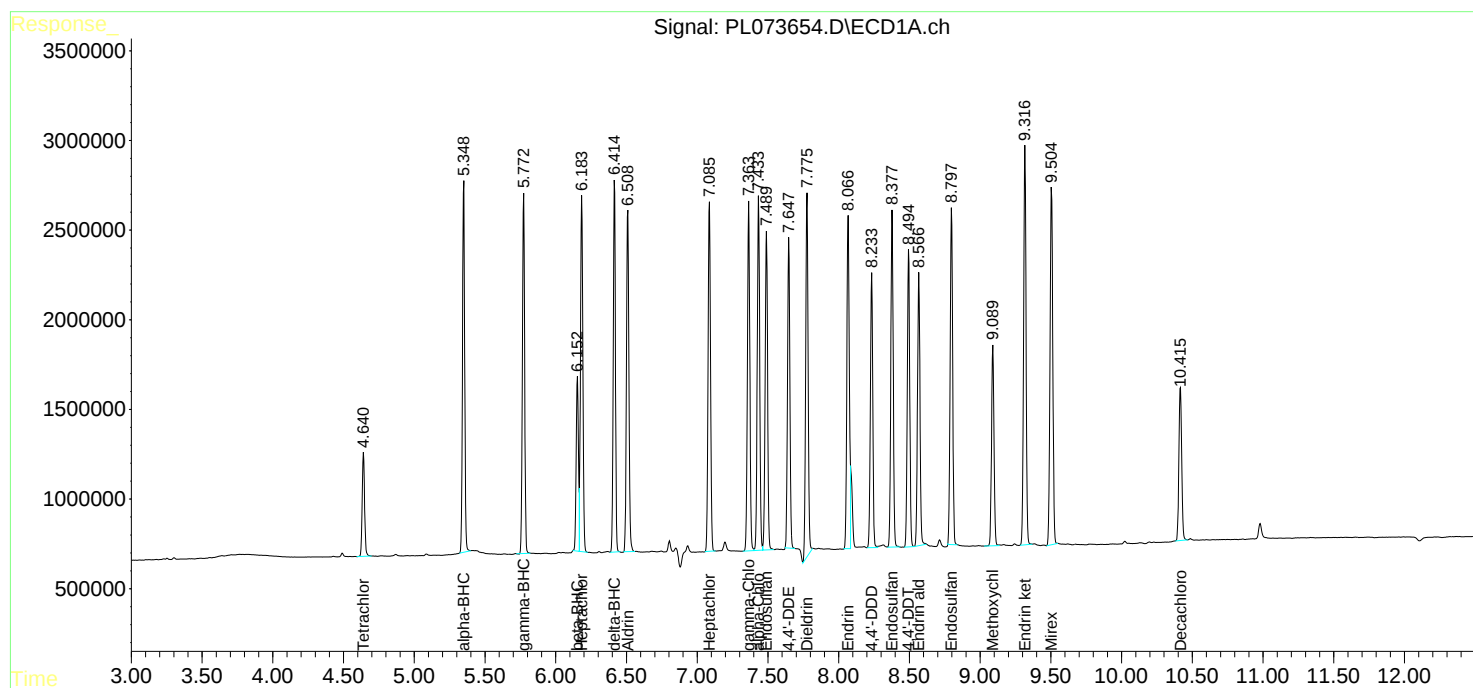
Instrument :
 ECD_L
 ClientSampleId :
 PB143568BS

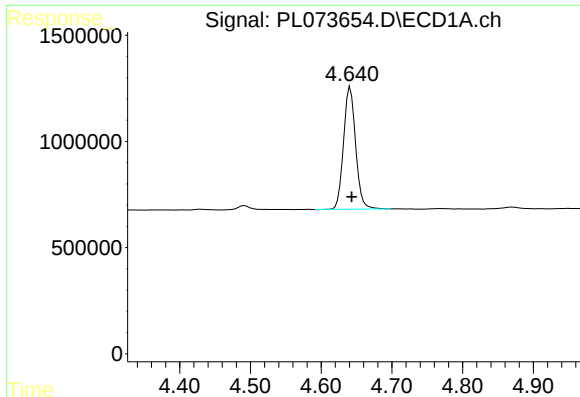
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/25/2022

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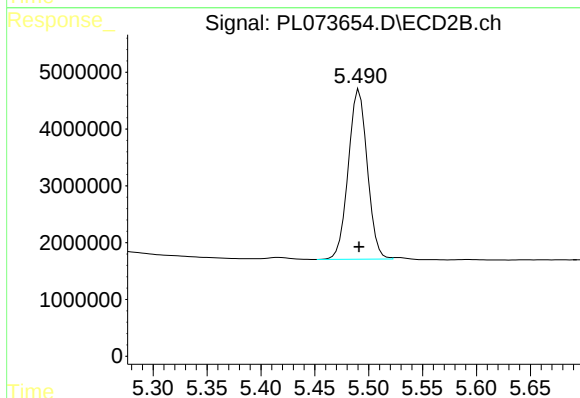
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6827388
Conc: 21.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

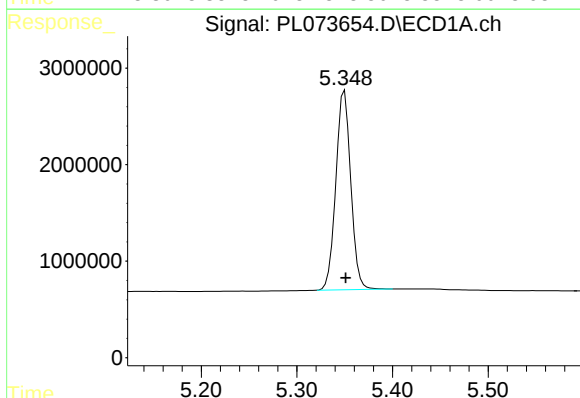
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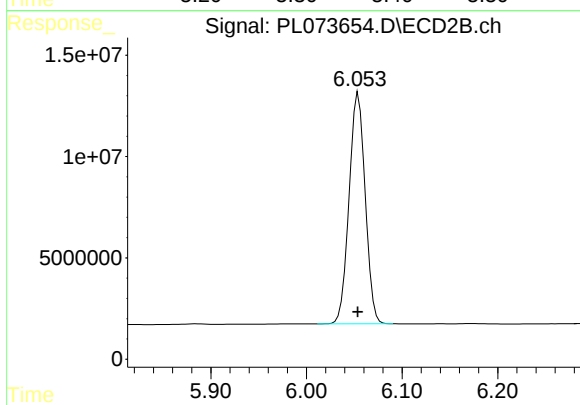
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 36789419
Conc: 22.42 ng/ml



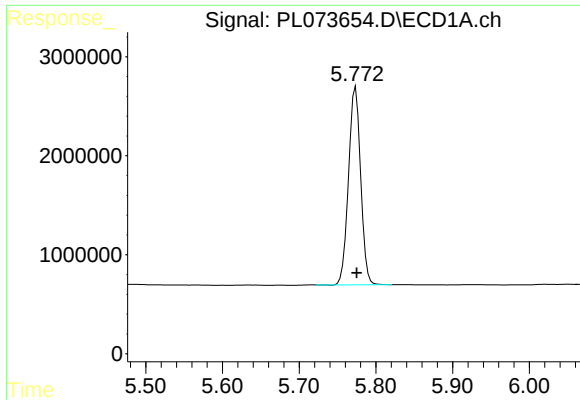
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 22388423
Conc: 54.31 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 134026623
Conc: 59.58 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 22123322
Conc: 53.04 ng/ml

Instrument :

ECD_L

ClientSampleId :

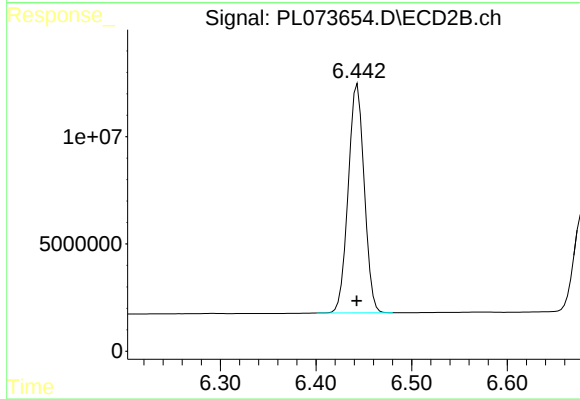
PB143568BS

Manual Integrations

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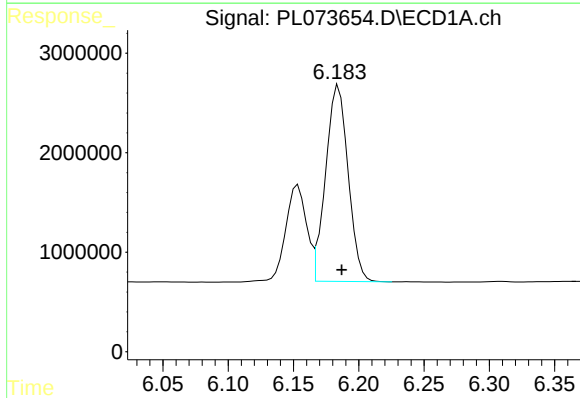
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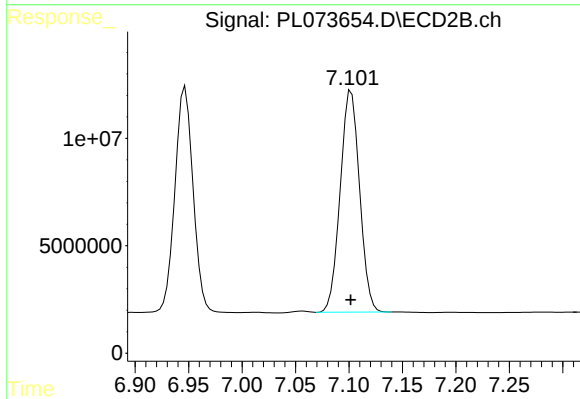
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 124805559
Conc: 58.45 ng/ml



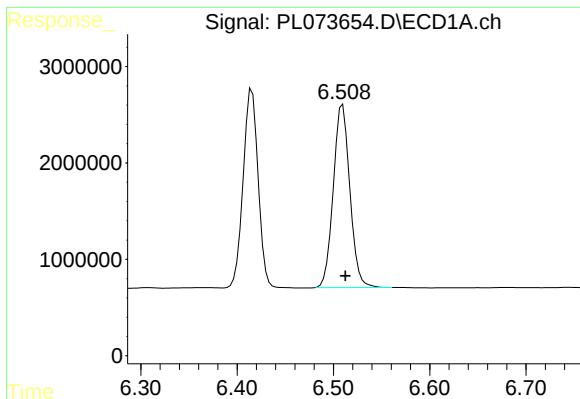
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 23619032
Conc: 52.35 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 130226155
Conc: 55.58 ng/ml



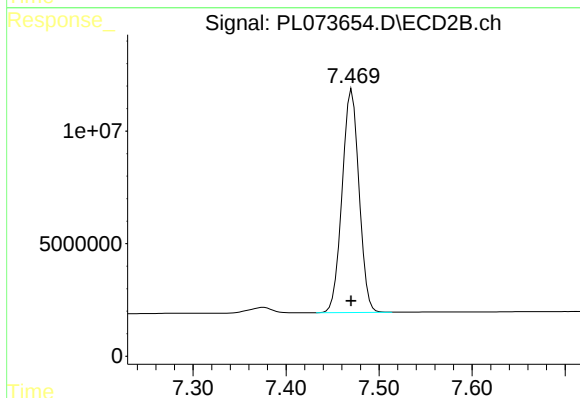
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 22735990
Conc: 55.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

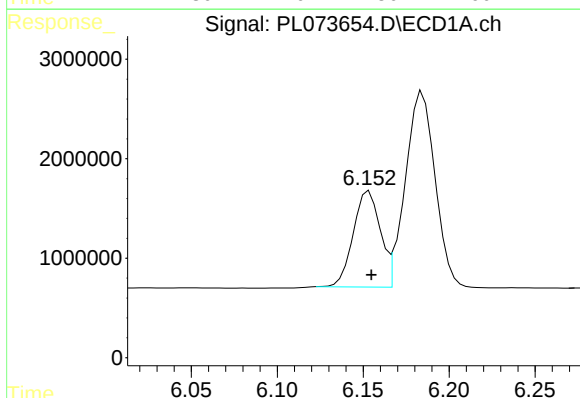
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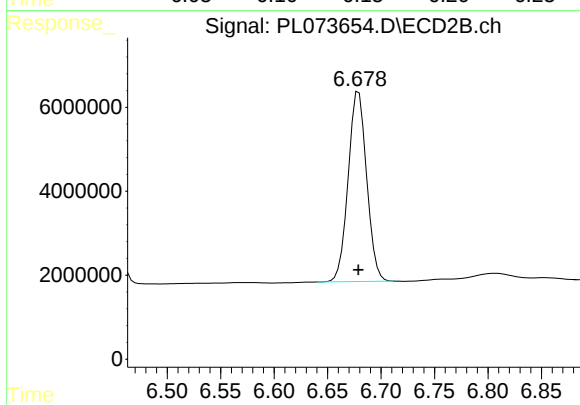
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 125289395
Conc: 59.80 ng/ml



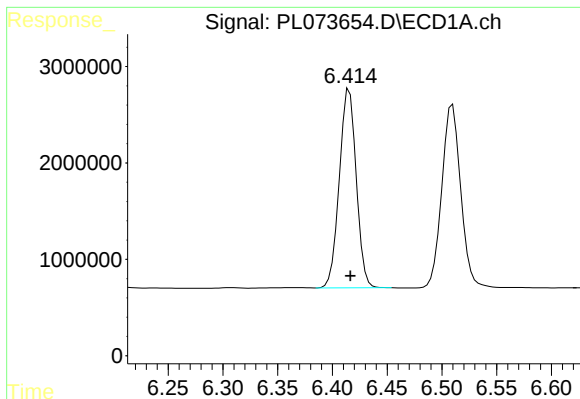
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.001 min
Response: 10568809
Conc: 51.33 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 54544992
Conc: 52.33 ng/ml



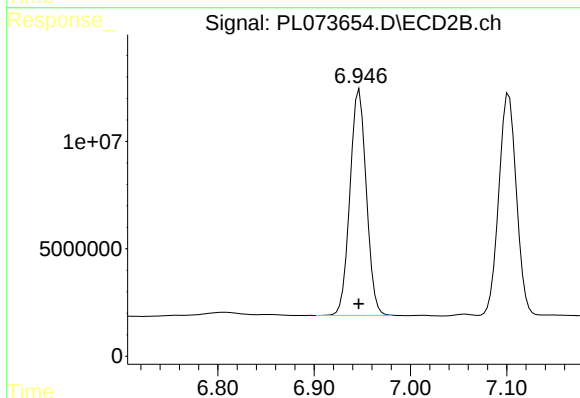
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 22148731
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

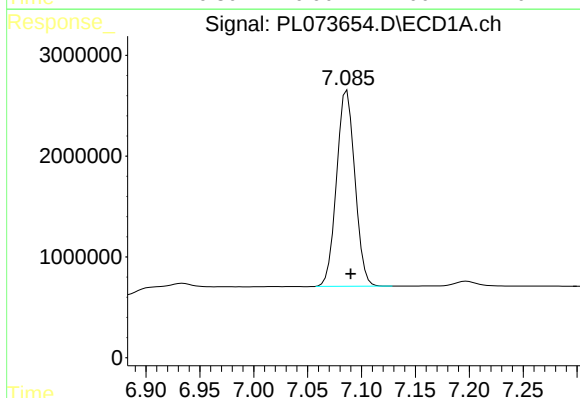
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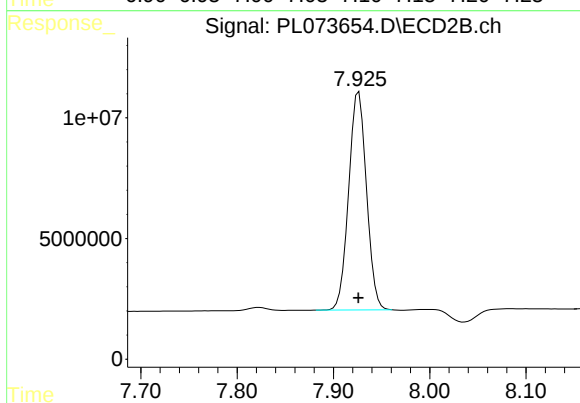
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 123886493
Conc: 57.53 ng/ml



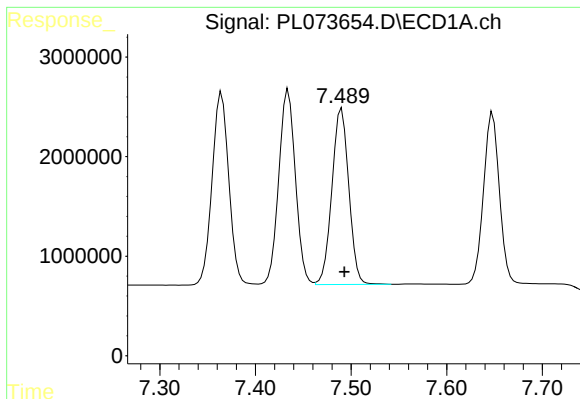
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 22968144
Conc: 53.29 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 115845322
Conc: 58.00 ng/ml



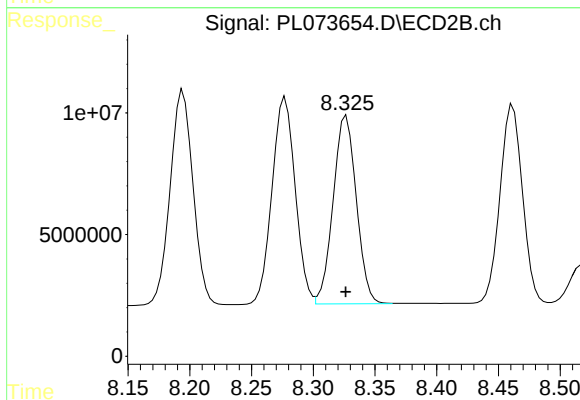
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 21660488
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

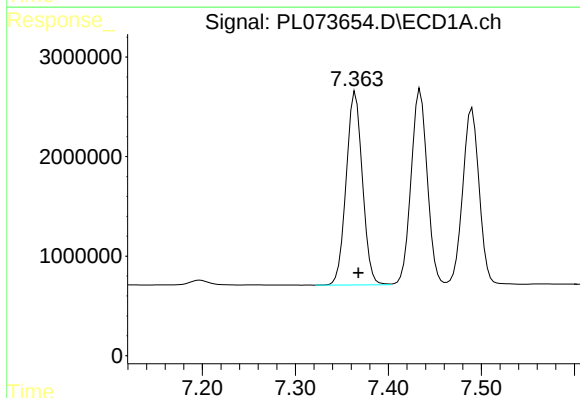
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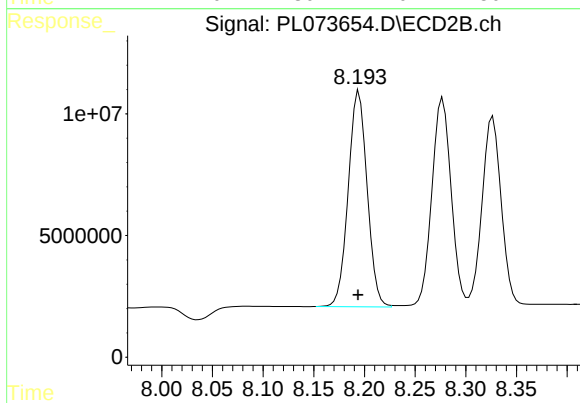
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 100911555
Conc: 55.28 ng/ml m



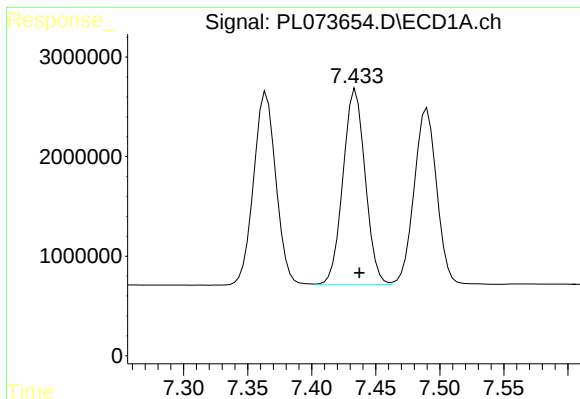
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 23516282
Conc: 53.78 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 115396196
Conc: 56.50 ng/ml m



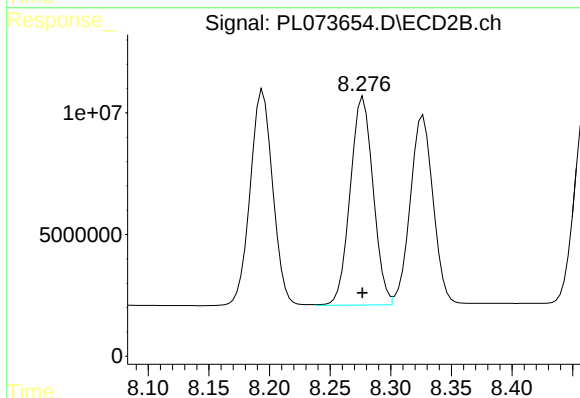
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 23716476
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

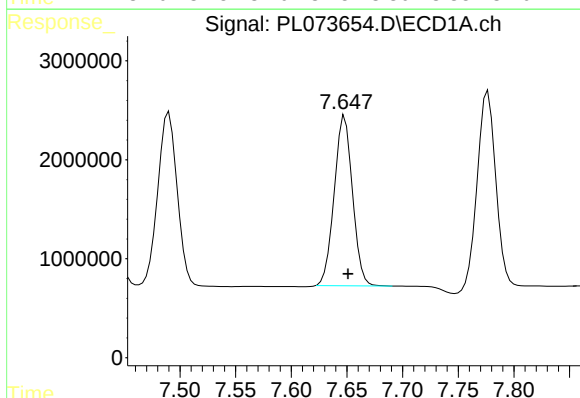
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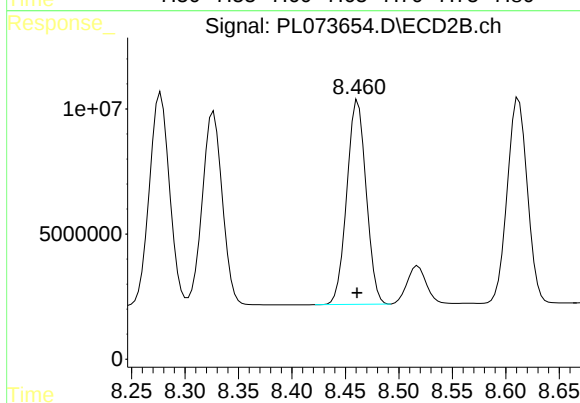
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 112870845
Conc: 56.44 ng/ml m



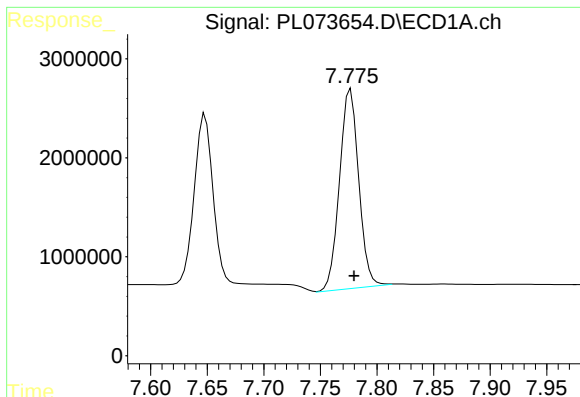
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 19618023
Conc: 54.67 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 102849336
Conc: 57.38 ng/ml



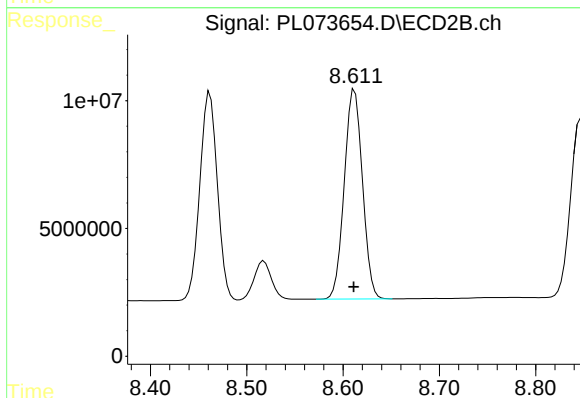
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.004 min
Response: 23826003
Conc: 57.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

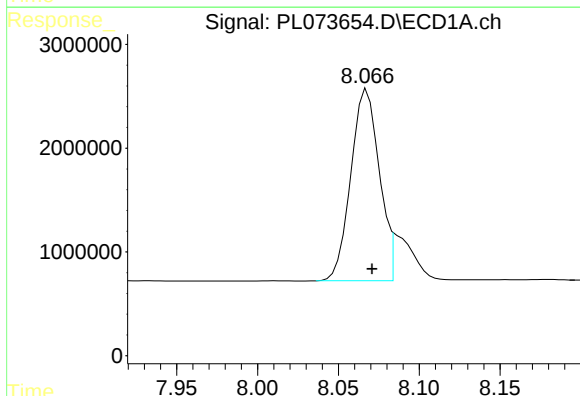
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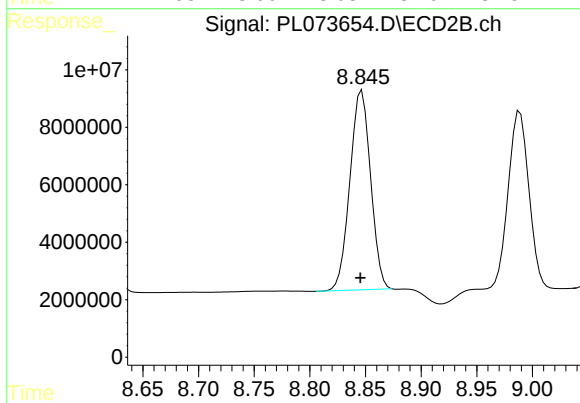
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 107152615
Conc: 58.09 ng/ml



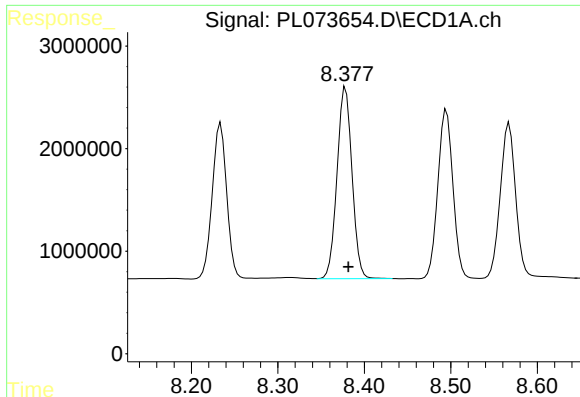
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 23226925
Conc: 59.86 ng/ml m



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 89850440
Conc: 58.37 ng/ml



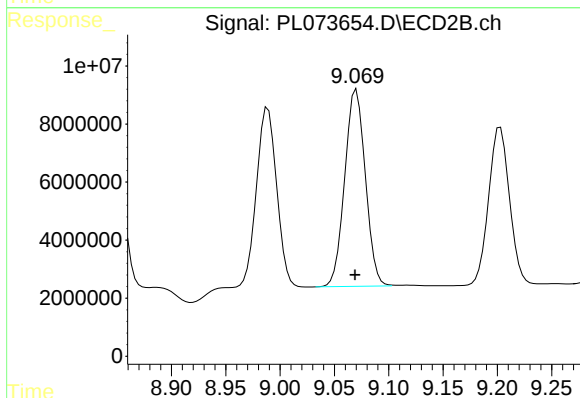
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 22361905
Conc: 57.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

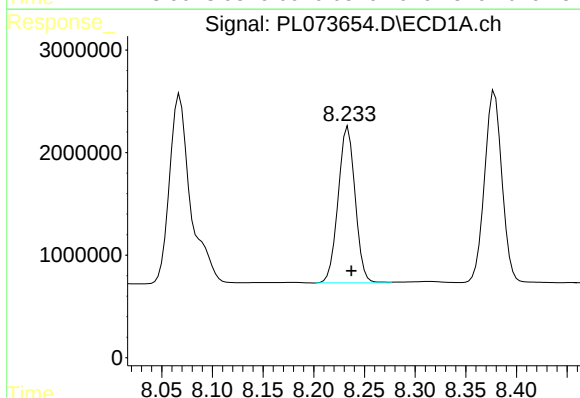
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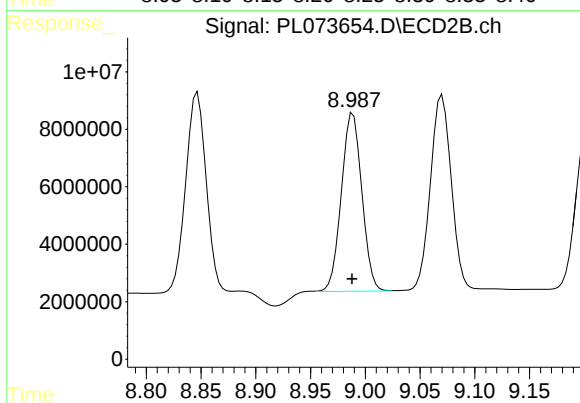
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 89823520
Conc: 58.49 ng/ml m



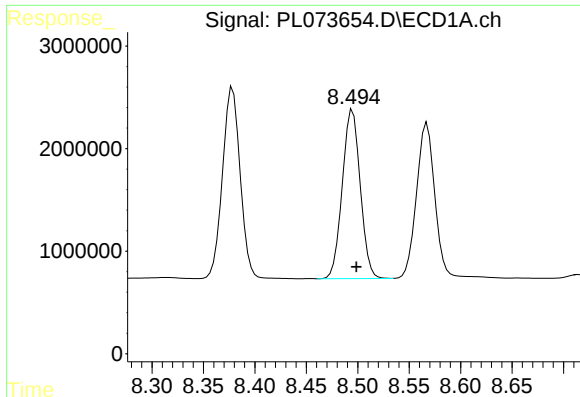
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 17771768
Conc: 54.73 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.000 min
Response: 80756418
Conc: 55.32 ng/ml m



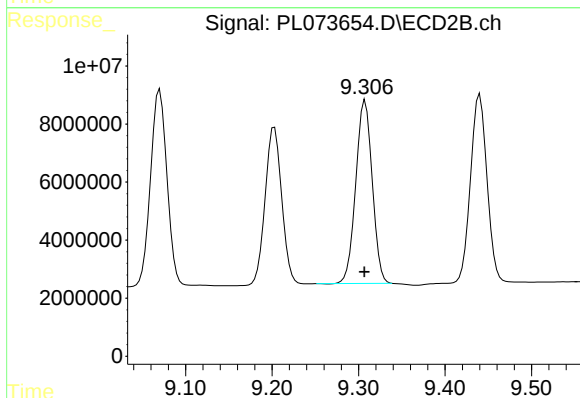
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 19993256
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
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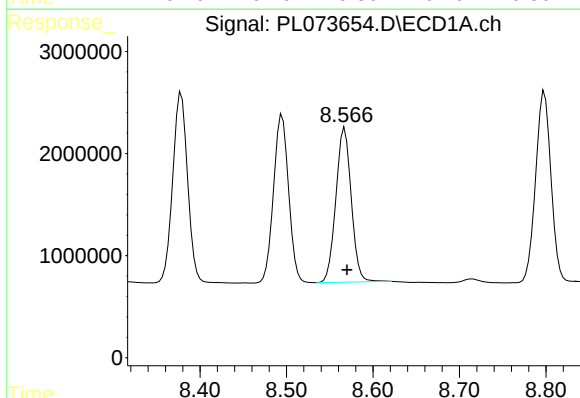
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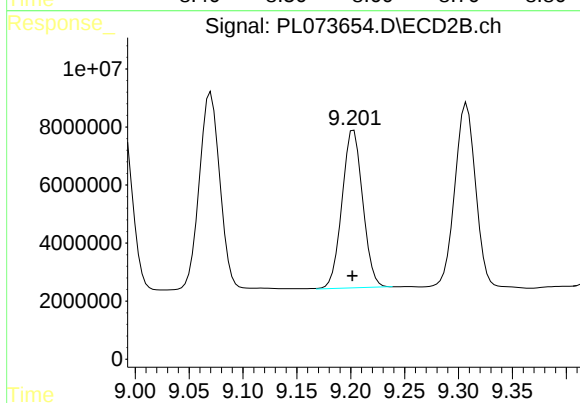
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 83649987
Conc: 51.18 ng/ml



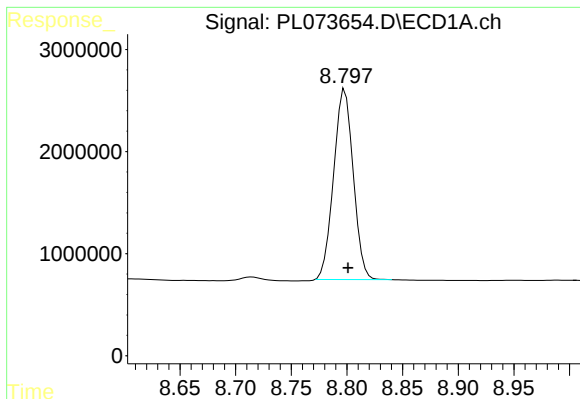
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 18553595
Conc: 58.67 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 72714625
Conc: 59.30 ng/ml m



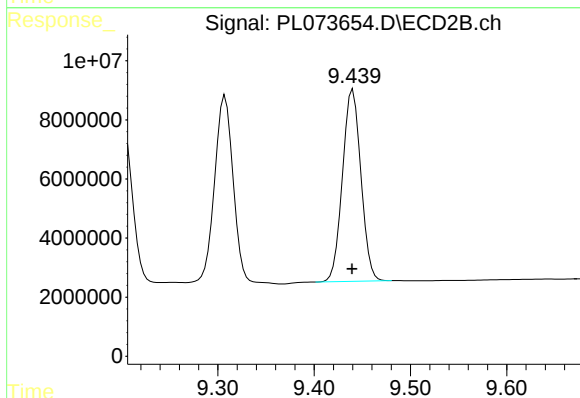
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 22863961
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

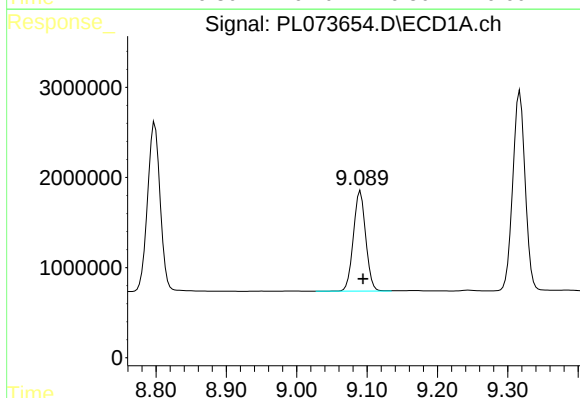
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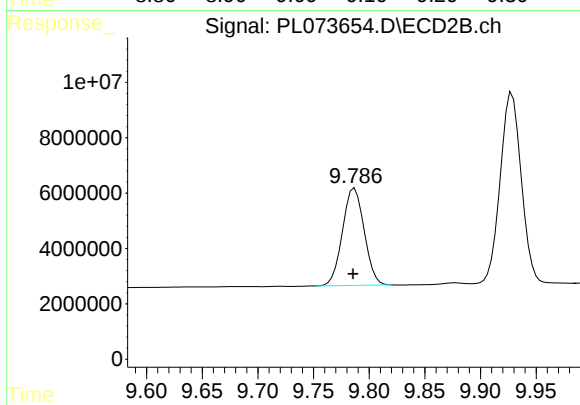
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 86183725
Conc: 54.68 ng/ml



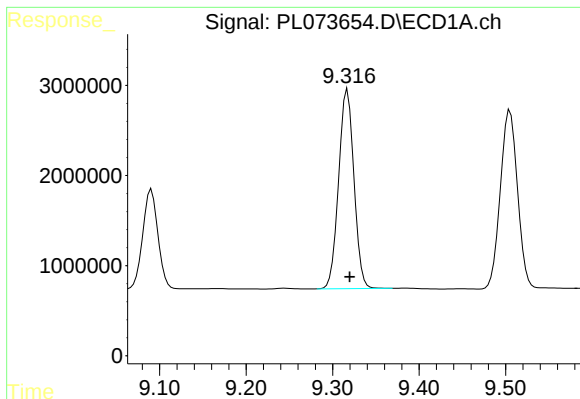
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 13584427
Conc: 52.95 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 47830351
Conc: 53.08 ng/ml



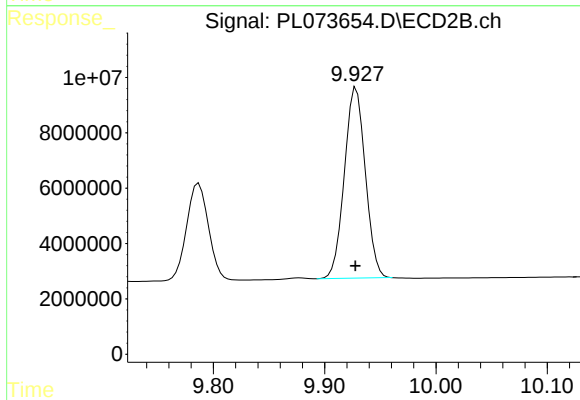
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 27038011
Conc: 55.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

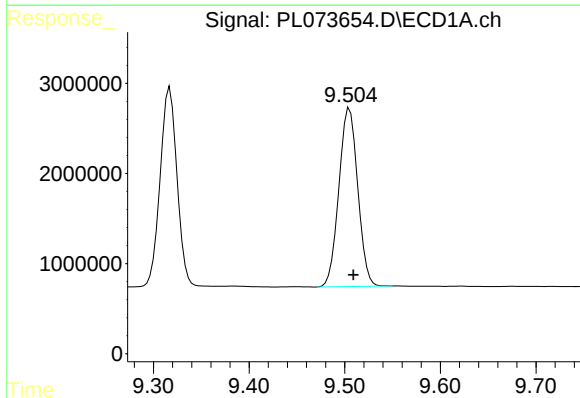
Manual Integrations
APPROVED

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



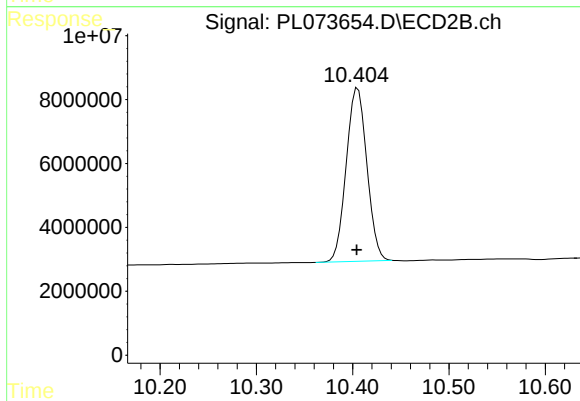
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 90177728
Conc: 54.63 ng/ml



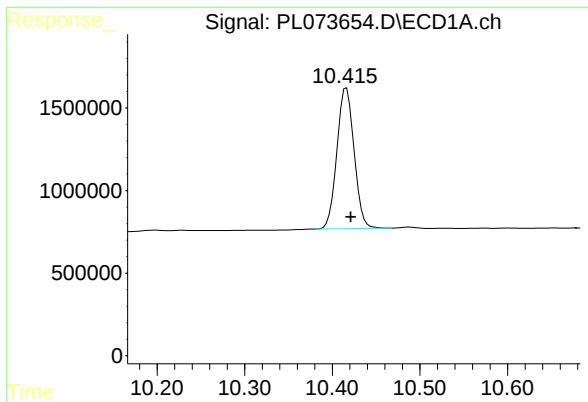
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 27203136
Conc: 57.69 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.001 min
Response: 80743913
Conc: 59.44 ng/ml



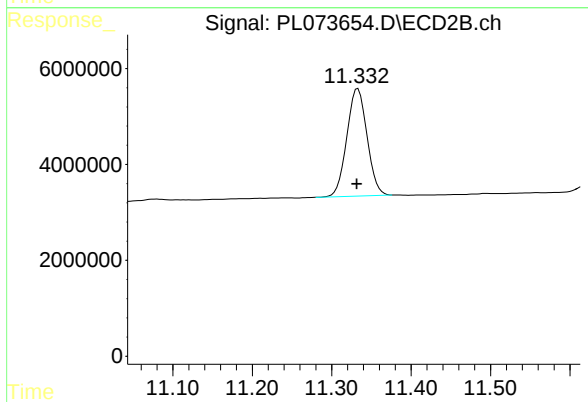
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 11630794
Conc: 22.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143568BS

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.002 min
Response: 39778566
Conc: 22.25 ng/ml