

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2022 23:40
 Operator : AR\AJ
 Sample : N2468-04MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-15-1-6MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2022
 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 03:01:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.635	5.489	6881431	36905640	21.297	20.699
28)	SA Decachlor...	10.403	11.329	8933306	34554630	17.178m	19.563
Target Compounds							
2)	A alpha-BHC	5.343	6.051	25956345	151.4E6	61.851	60.109
3)	MA gamma-BHC...	5.766	6.441	25446341	139.0E6	60.673	58.706
4)	MA Heptachlor	6.177	7.100	26782072	147.9E6	59.455	56.703
5)	MB Aldrin	6.501	7.468	25358828	141.0E6	61.098	60.017
6)	B beta-BHC	6.146	6.678	11545509	60287777	56.505	53.493
7)	B delta-BHC	6.408	6.945	25431476	140.0E6	61.477	57.325
8)	B Heptachlo...	7.078	7.923	25002858	124.4E6	58.290	55.242
9)	A Endosulfan I	7.481	8.324	23730763	113.1E6	57.863	57.428
10)	B gamma-Chl...	7.356	8.192	25613399	123.4E6	58.399	55.340
11)	B alpha-Chl...	7.425	8.274	25788819	122.5E6	58.376	56.916
12)	B 4,4'-DDE	7.639	8.459	21591530	116.1E6	59.184	58.284
13)	MA Dieldrin	7.766	8.609	25130469	119.5E6	58.501m	59.580
14)	MA Endrin	8.058	8.844	24010534	104.0E6	59.105	61.435
15)	B Endosulfa...	8.369	9.068	24278833	98996904	58.906	56.985
16)	A 4,4'-DDD	8.224	8.987	18979954	87822266	58.775	57.079
17)	MA 4,4'-DDT	8.486	9.305	21759016	97231347	58.866	54.850
18)	B Endrin al...	8.557	9.200	19687670	77818684	60.848	60.249
19)	B Endosulfa...	8.788	9.438	24096359	91889386	56.429	55.211
20)	A Methoxychlor	9.080	9.785	13776275	50350106	55.489	52.347
21)	B Endrin ke...	9.307	9.926	27758654	99096927	56.818	57.250
22)	Mirex	9.494	10.402	24984186	76653321	53.568	55.651

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

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Manual Integrations

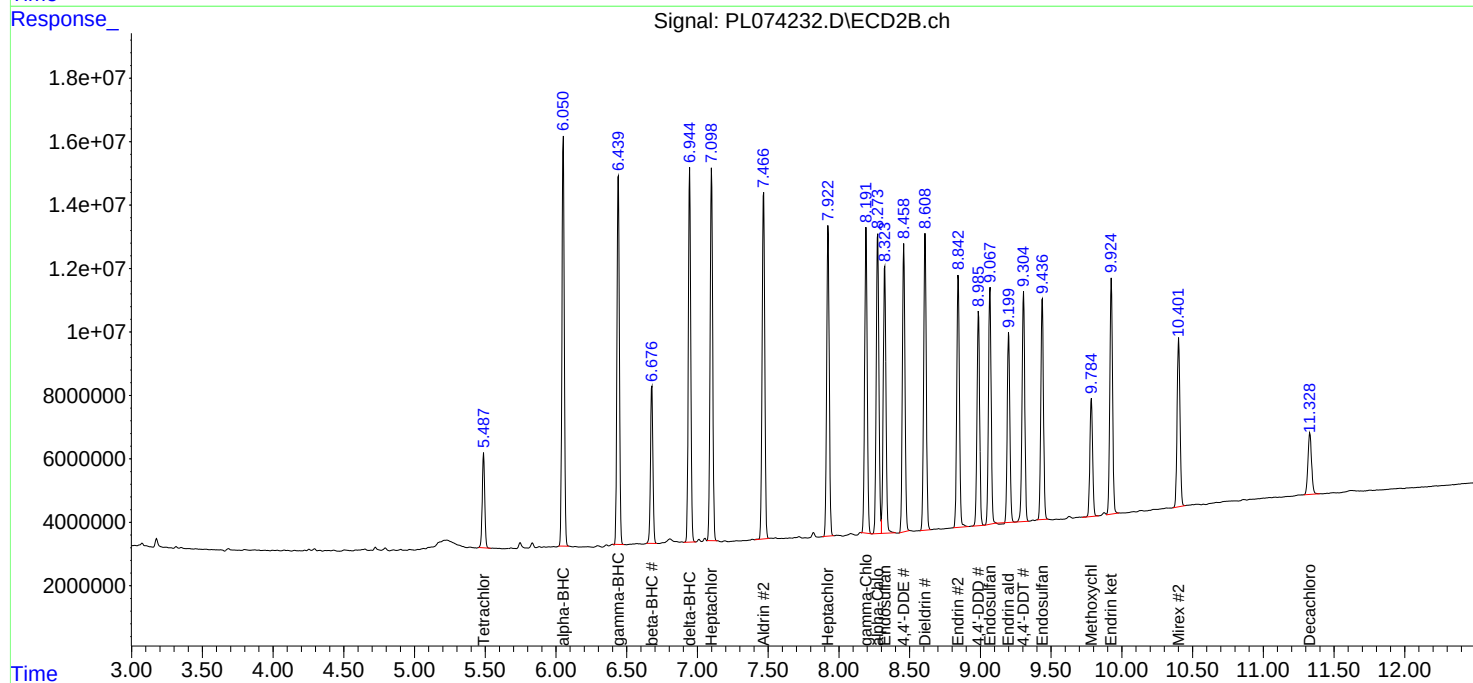
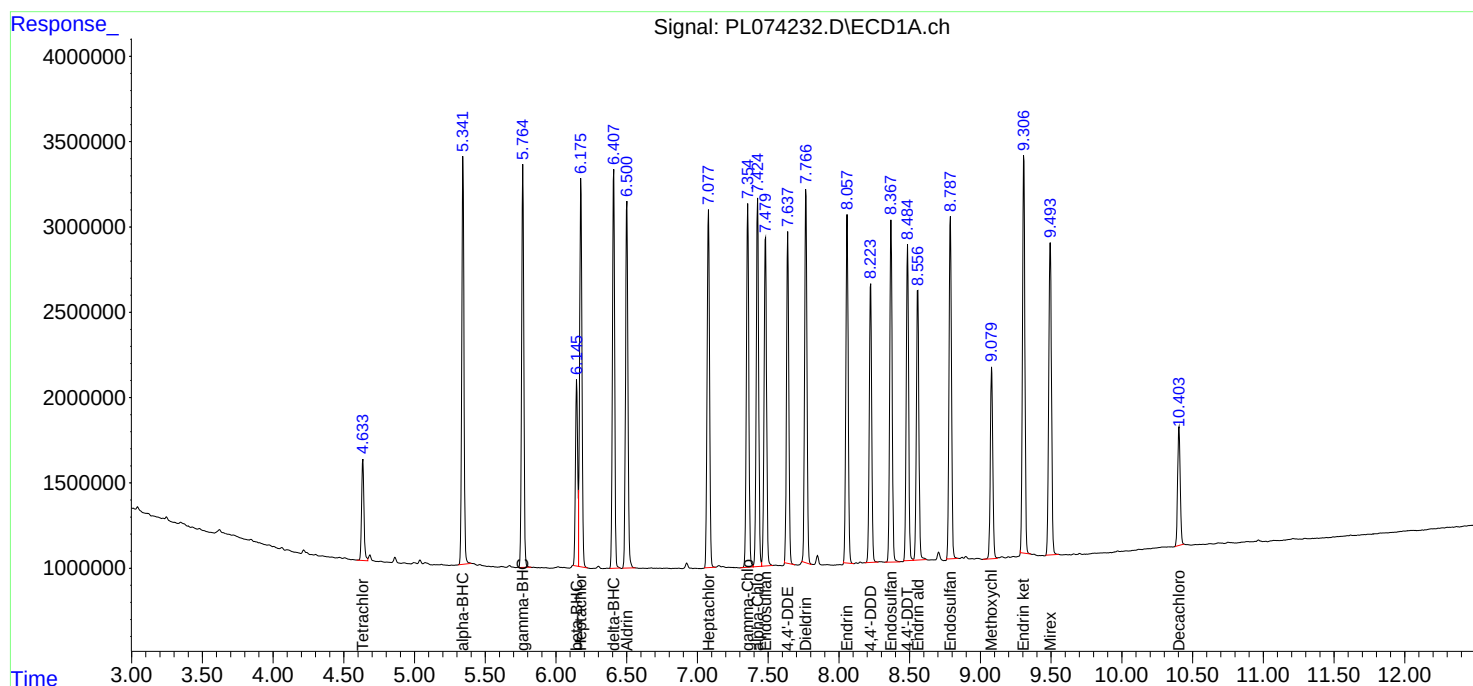
APPROVED

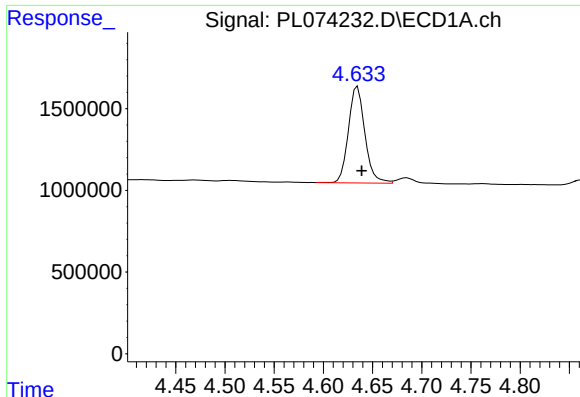
Reviewed By :Abdul Mirza 04/22/2022

Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 6881431
Conc: 21.30 ng/ml

Instrument :

ECD_L

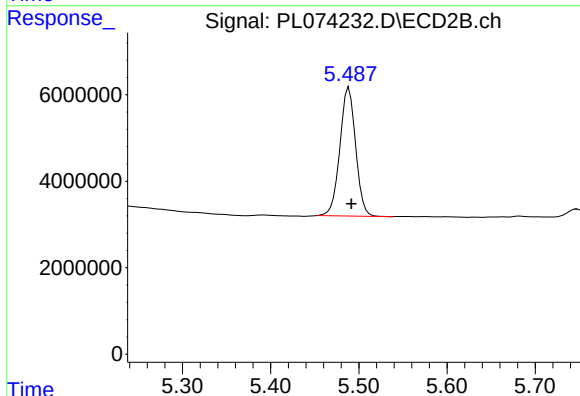
ClientSampleId :

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Manual Integrations

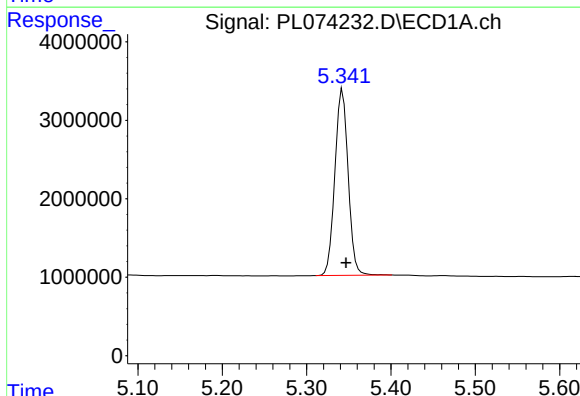
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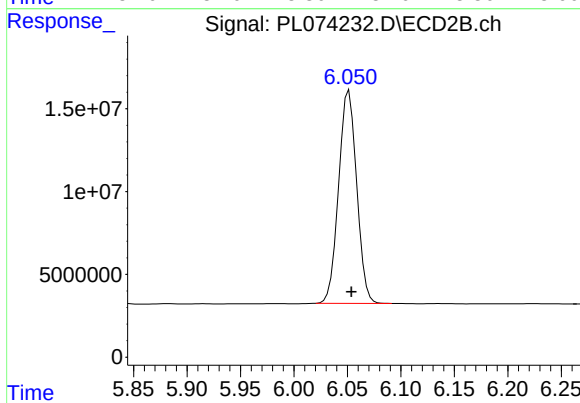
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 36905640
Conc: 20.70 ng/ml



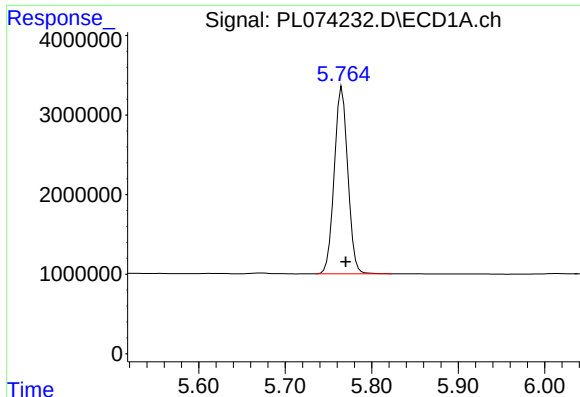
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 25956345
Conc: 61.85 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 151359384
Conc: 60.11 ng/ml



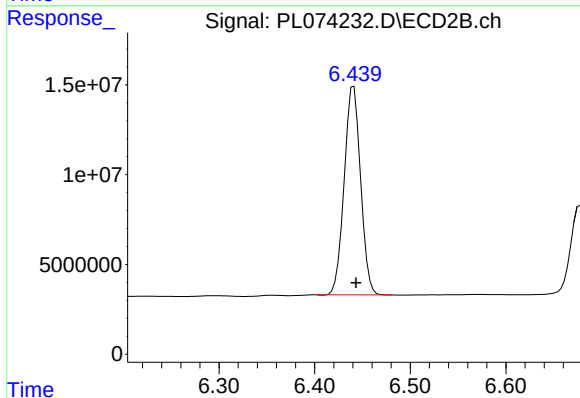
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 25446341
Conc: 60.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MS

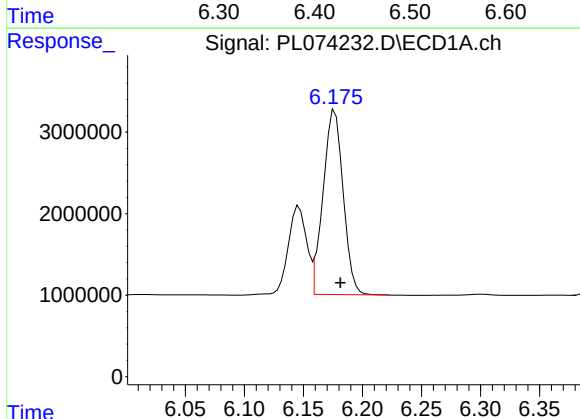
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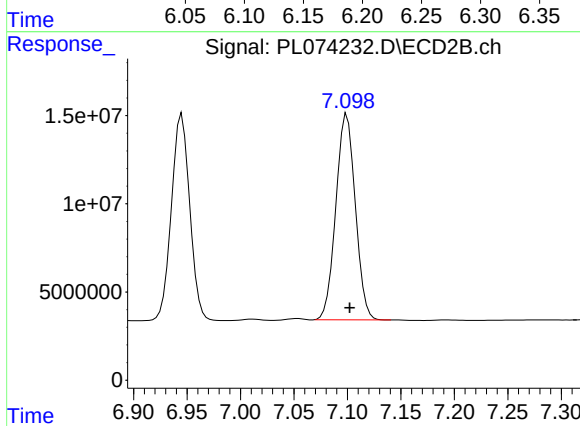
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 138963311
Conc: 58.71 ng/ml



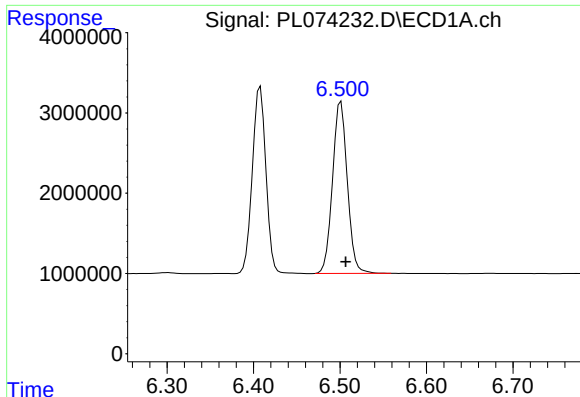
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 26782072
Conc: 59.46 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 147905345
Conc: 56.70 ng/ml



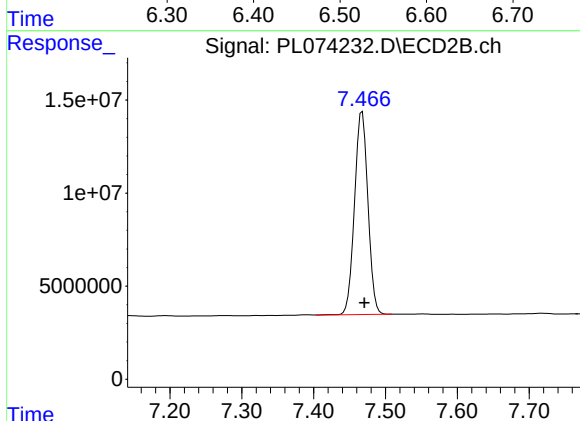
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 25358828
Conc: 61.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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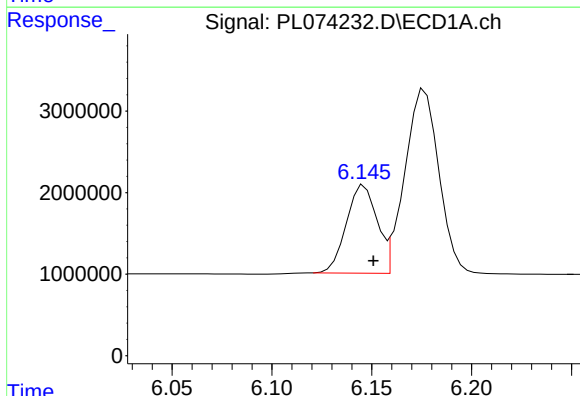
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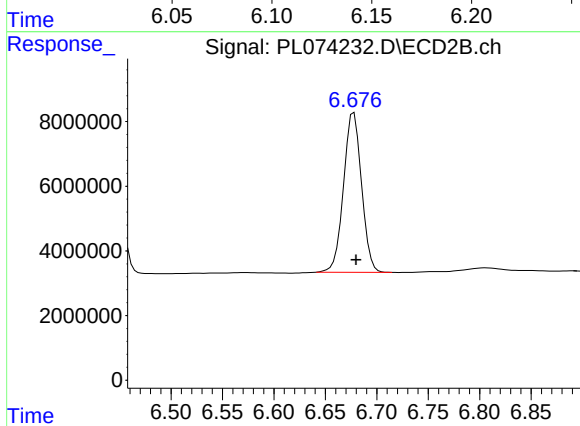
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 140954852
Conc: 60.02 ng/ml



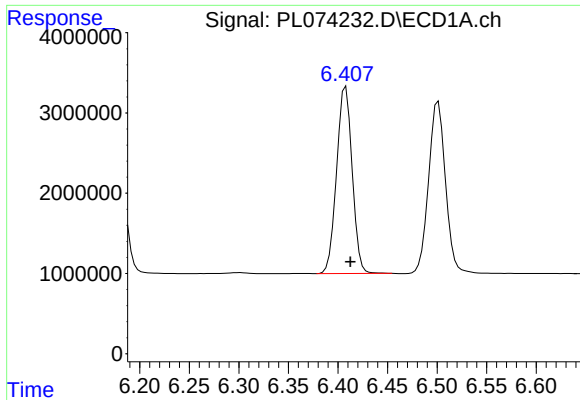
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 11545509
Conc: 56.50 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 60287777
Conc: 53.49 ng/ml



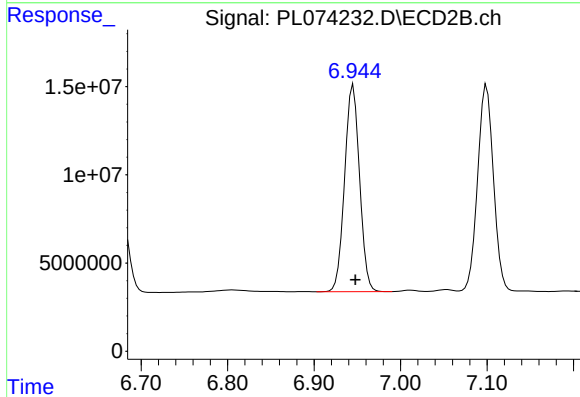
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 25431476
Conc: 61.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MS

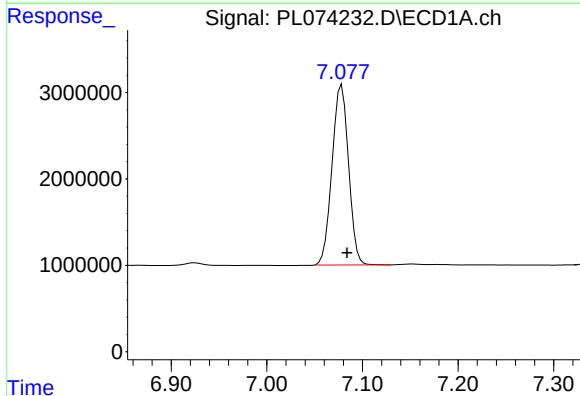
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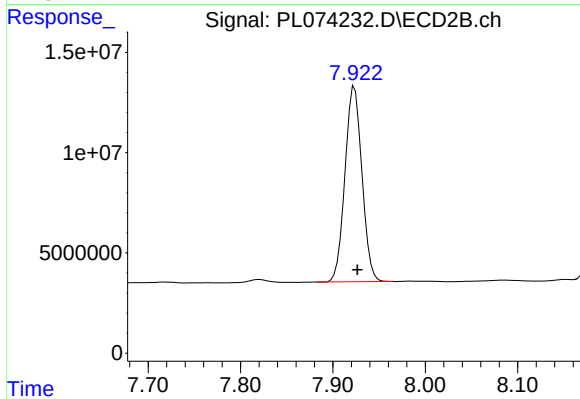
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 140003219
Conc: 57.32 ng/ml



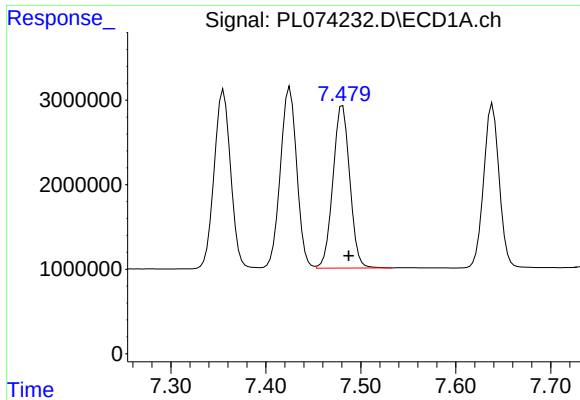
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 25002858
Conc: 58.29 ng/ml



#8 Heptachlor epoxide

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 124381172
Conc: 55.24 ng/ml



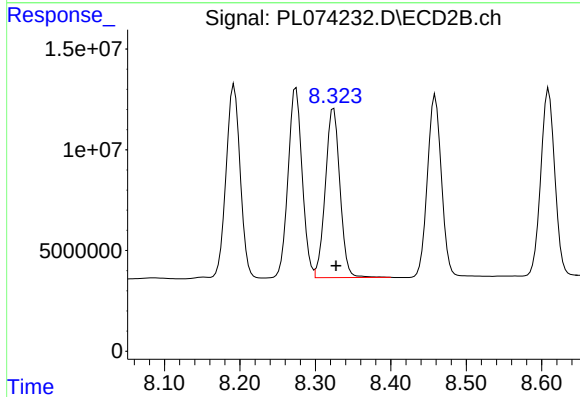
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 23730763
Conc: 57.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MS

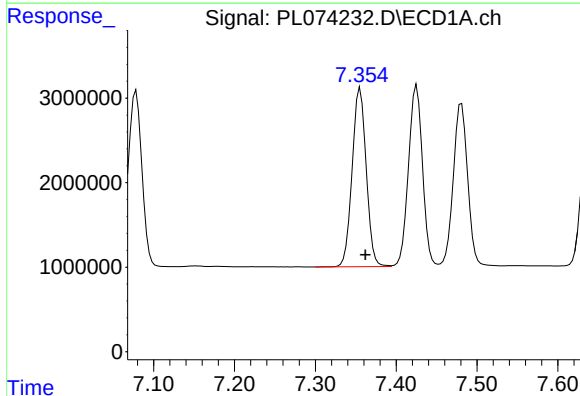
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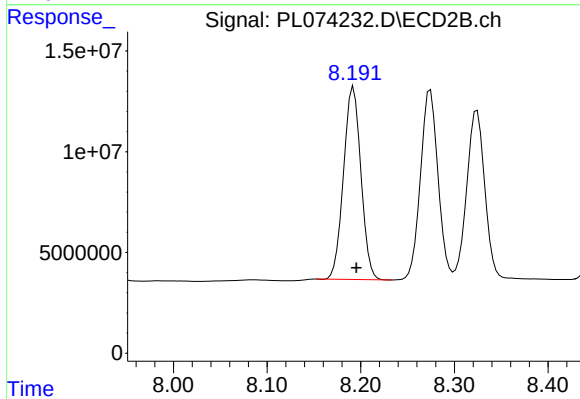
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 113055363
Conc: 57.43 ng/ml



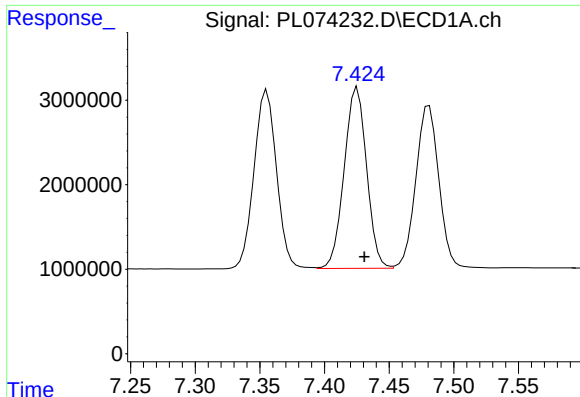
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 25613399
Conc: 58.40 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 123427202
Conc: 55.34 ng/ml



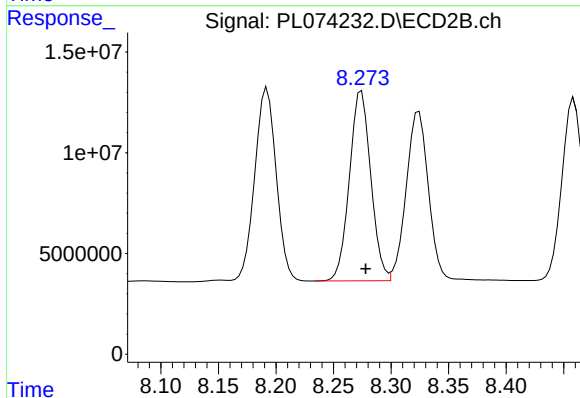
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.005 min
Response: 25788819
Conc: 58.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MS

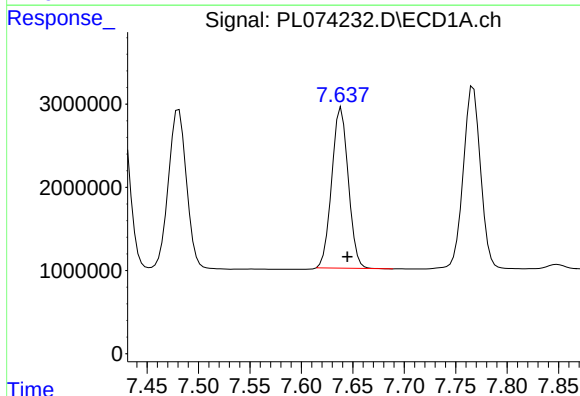
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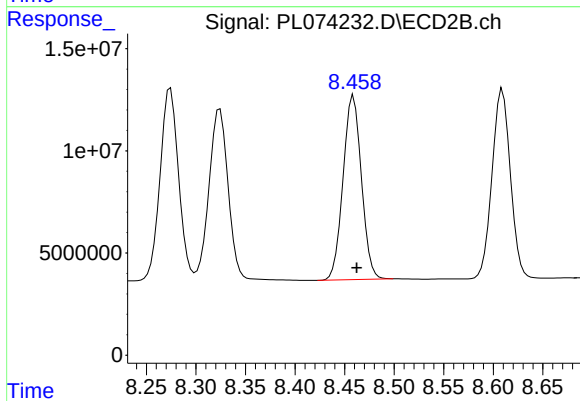
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 122516225
Conc: 56.92 ng/ml



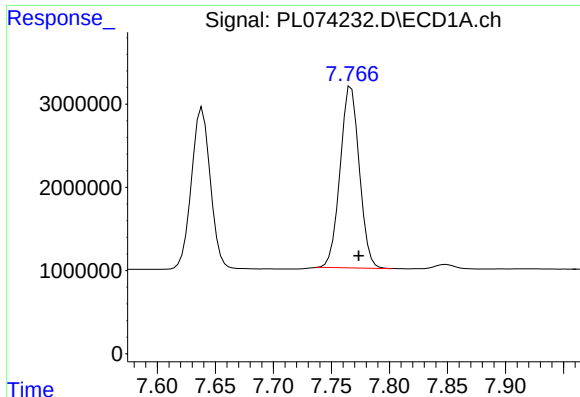
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 21591530
Conc: 59.18 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 116083311
Conc: 58.28 ng/ml



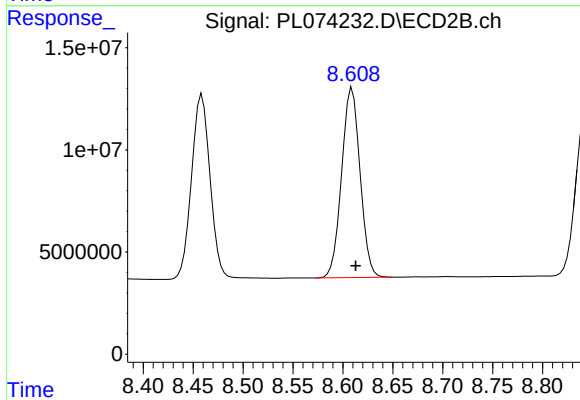
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.008 min
Response: 25130469
Conc: 58.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
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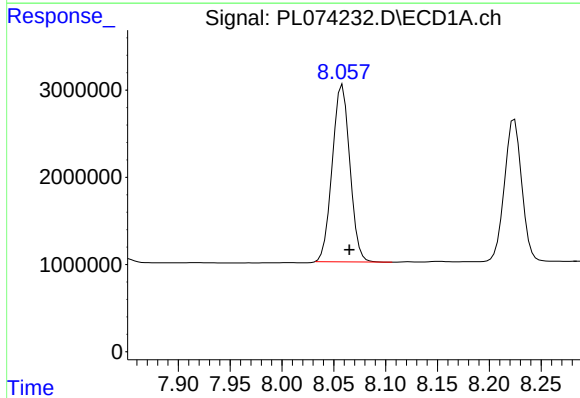
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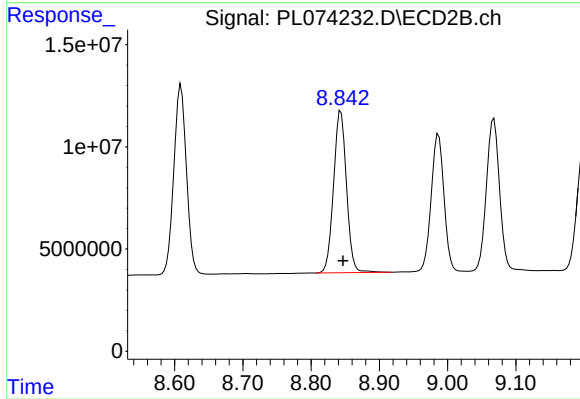
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 119473803
Conc: 59.58 ng/ml



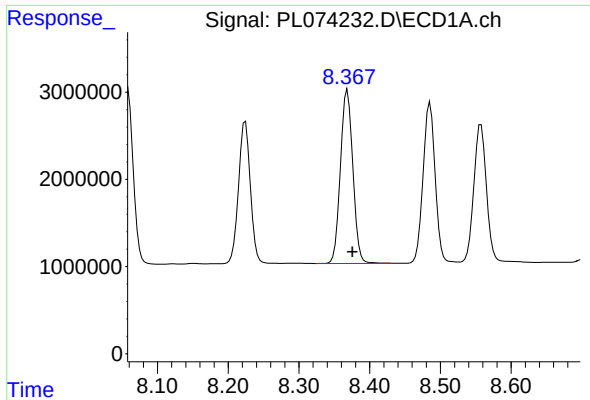
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 24010534
Conc: 59.11 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 104049648
Conc: 61.43 ng/ml



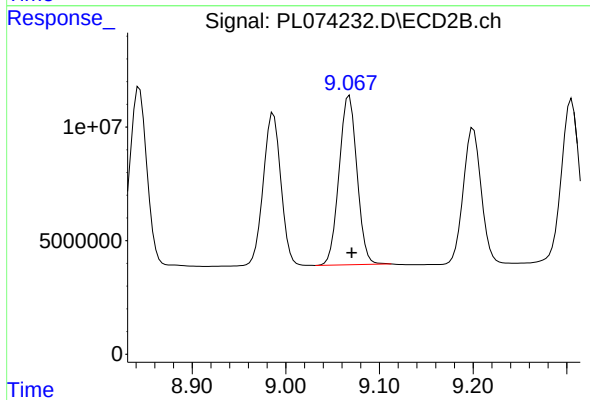
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.007 min
Response: 24278833
Conc: 58.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MS

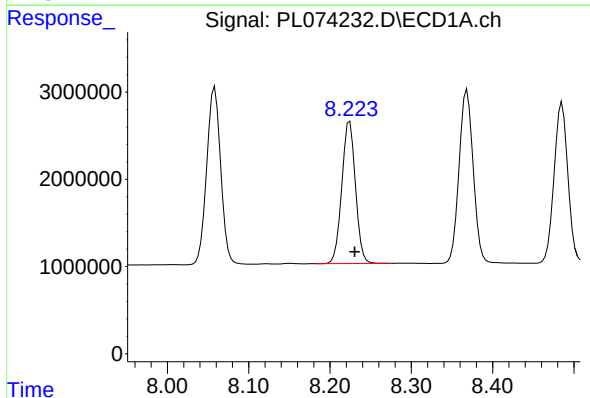
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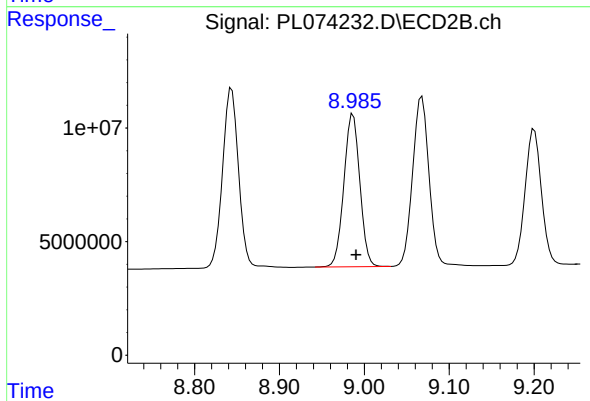
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 98996904
Conc: 56.99 ng/ml



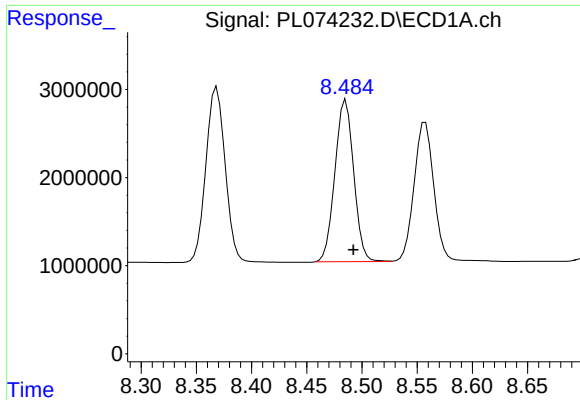
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 18979954
Conc: 58.77 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 87822266
Conc: 57.08 ng/ml



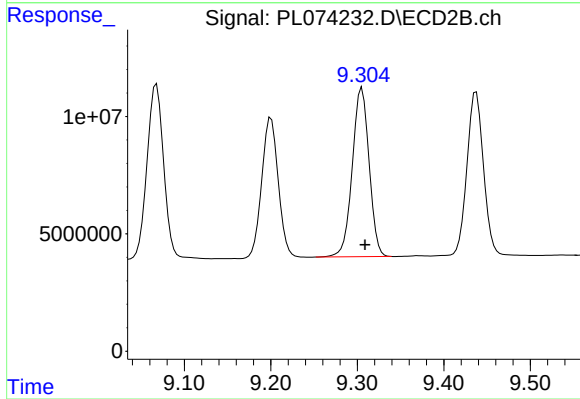
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.007 min
Response: 21759016
Conc: 58.87 ng/ml

Instrument :
ECD_L
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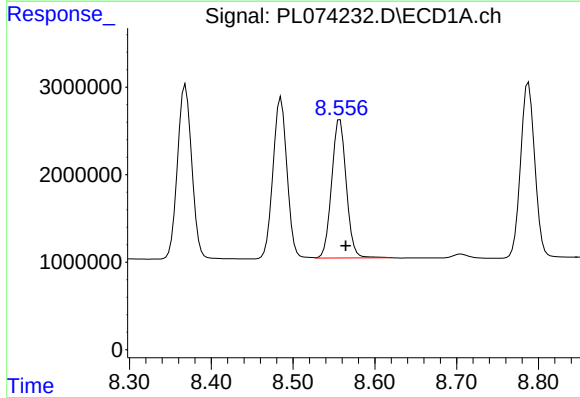
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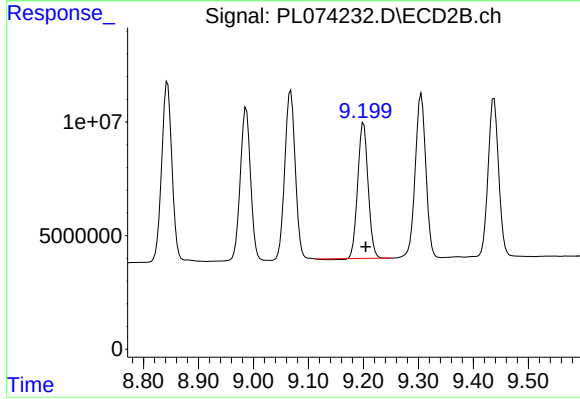
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 97231347
Conc: 54.85 ng/ml



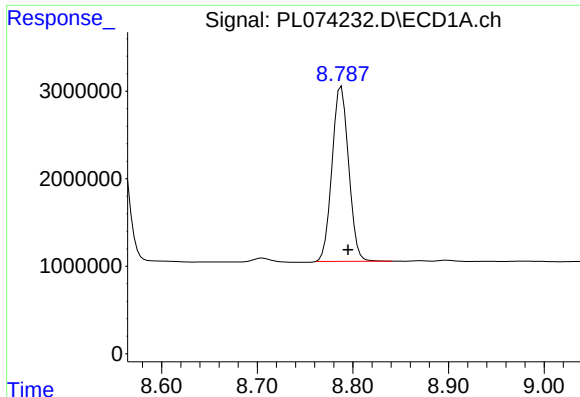
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 19687670
Conc: 60.85 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 77818684
Conc: 60.25 ng/ml



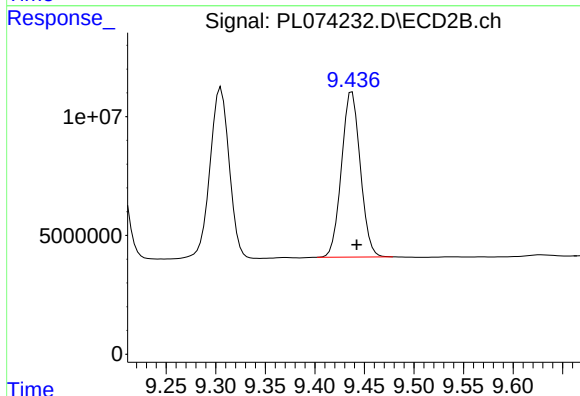
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 24096359
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MS

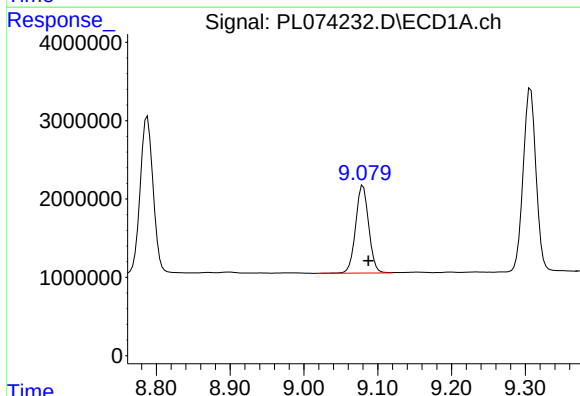
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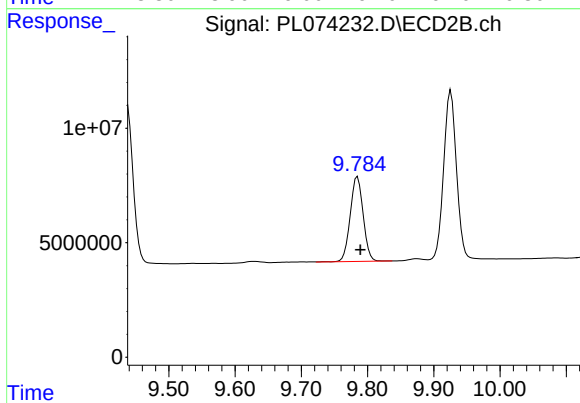
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.005 min
Response: 91889386
Conc: 55.21 ng/ml



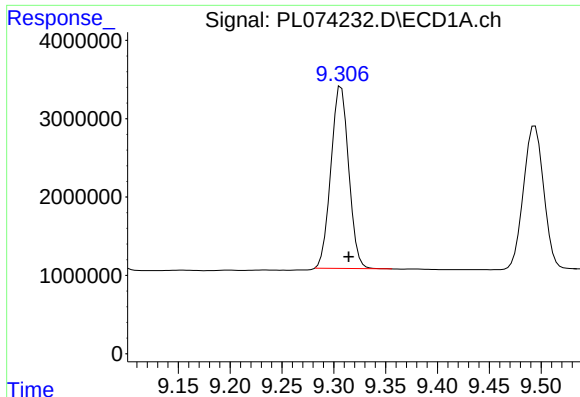
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 13776275
Conc: 55.49 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 50350106
Conc: 52.35 ng/ml



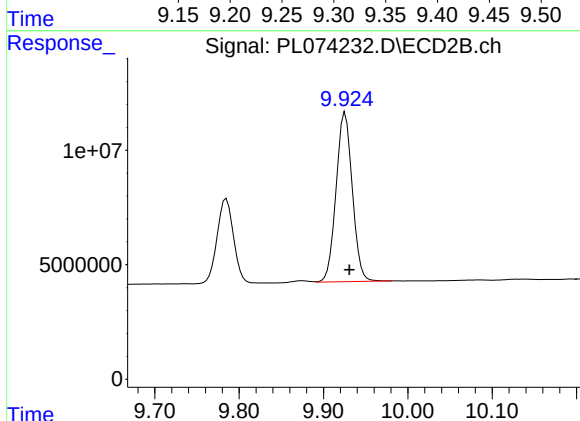
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 27758654
Conc: 56.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MS

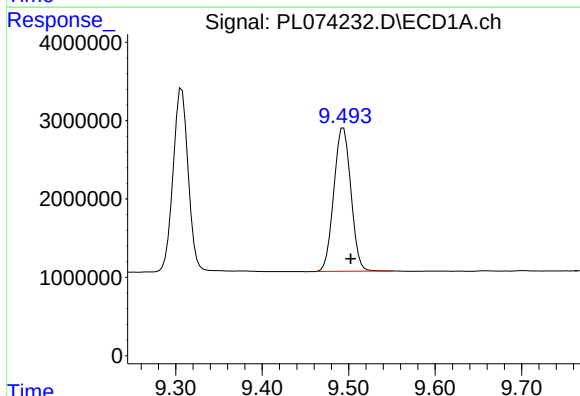
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



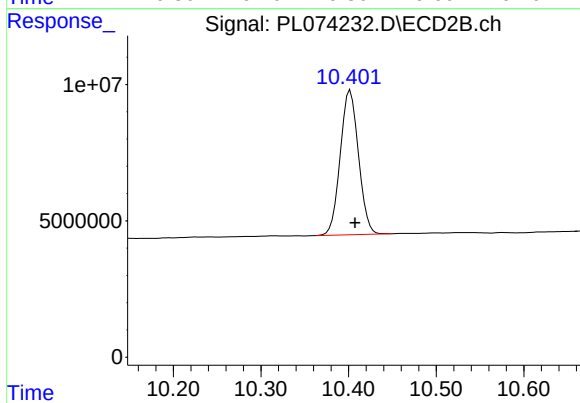
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 99096927
Conc: 57.25 ng/ml



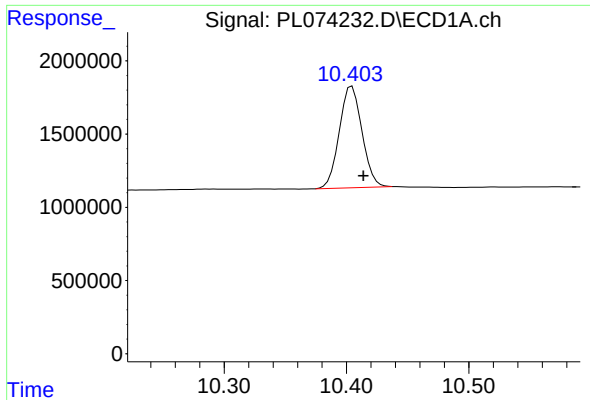
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 24984186
Conc: 53.57 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.006 min
Response: 76653321
Conc: 55.65 ng/ml



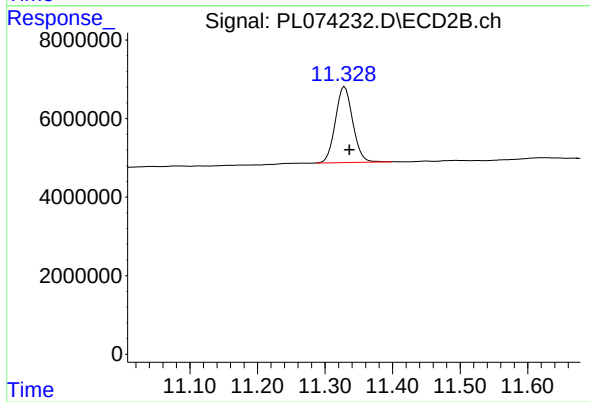
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 8933306
Conc: 17.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MS

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#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 34554630
Conc: 19.56 ng/ml