

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 05:26
 Operator : AR\AJ
 Sample : N2480-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-16-1A-4

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 06:24:04 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	17397230	92931001	53.843	52.121
28)	SA Decachlor...	10.404	11.329	25373148	94151788	48.792m	53.305
Target Compounds							
2)	A alpha-BHC	5.343	6.052	22825540	136.2E6	54.390	54.085
3)	MA gamma-BHC...	5.766	6.441	22481633	127.4E6	53.605	53.814
4)	MA Heptachlor	6.177	7.100	24397246	138.2E6	54.161	52.988
5)	MB Aldrin	6.501	7.468	22148912	127.6E6	53.365	54.325
6)	B beta-BHC	6.146	6.678	11055273	57893316	54.106	51.369
7)	B delta-BHC	6.408	6.945	22479002	127.1E6	54.340	52.026
8)	B Heptachlo...	7.078	7.924	22746216	118.9E6	53.029	52.813
9)	A Endosulfan I	7.481	8.324	21875266	106.1E6	53.339	53.876
10)	B gamma-Chl...	7.355	8.192	23248087	118.5E6	53.006	53.118
11)	B alpha-Chl...	7.426	8.274	23480655	115.2E6	53.151	53.512
12)	B 4,4'-DDE	7.639	8.460	19439548	107.8E6	53.286	54.123
13)	MA Dieldrin	7.767	8.609	22741269	107.0E6	52.939	53.382
14)	MA Endrin	8.059	8.844	20656526	92651129	50.849	54.705
15)	B Endosulfa...	8.369	9.068	20576250	86877583	49.923	50.009
16)	A 4,4'-DDD	8.224	8.987	17490819	93474240	54.164	60.753
17)	MA 4,4'-DDT	8.486	9.305	19331659	88857157	52.299	50.126
18)	B Endrin al...	8.557	9.200	16580292	66881840	51.244	51.781
19)	B Endosulfa...	8.789	9.438	21909200	84915718	51.307	51.021
20)	A Methoxychlor	9.080	9.785	12030737	44974060	48.459	46.758
21)	B Endrin ke...	9.307	9.926	25165702	90690038	51.511	52.393
22)	Mirex	9.494	10.402	23676361	70235816	50.764	50.991

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

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Instrument :

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Manual Integrations

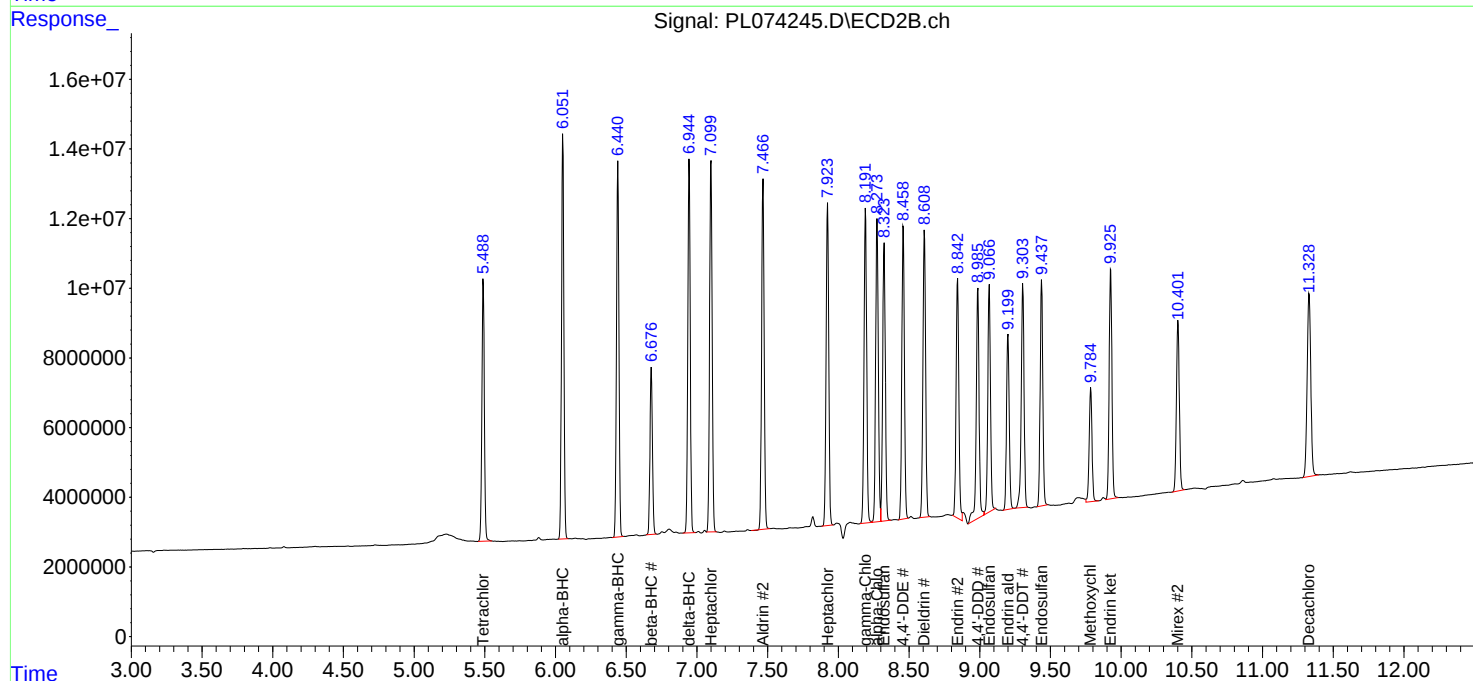
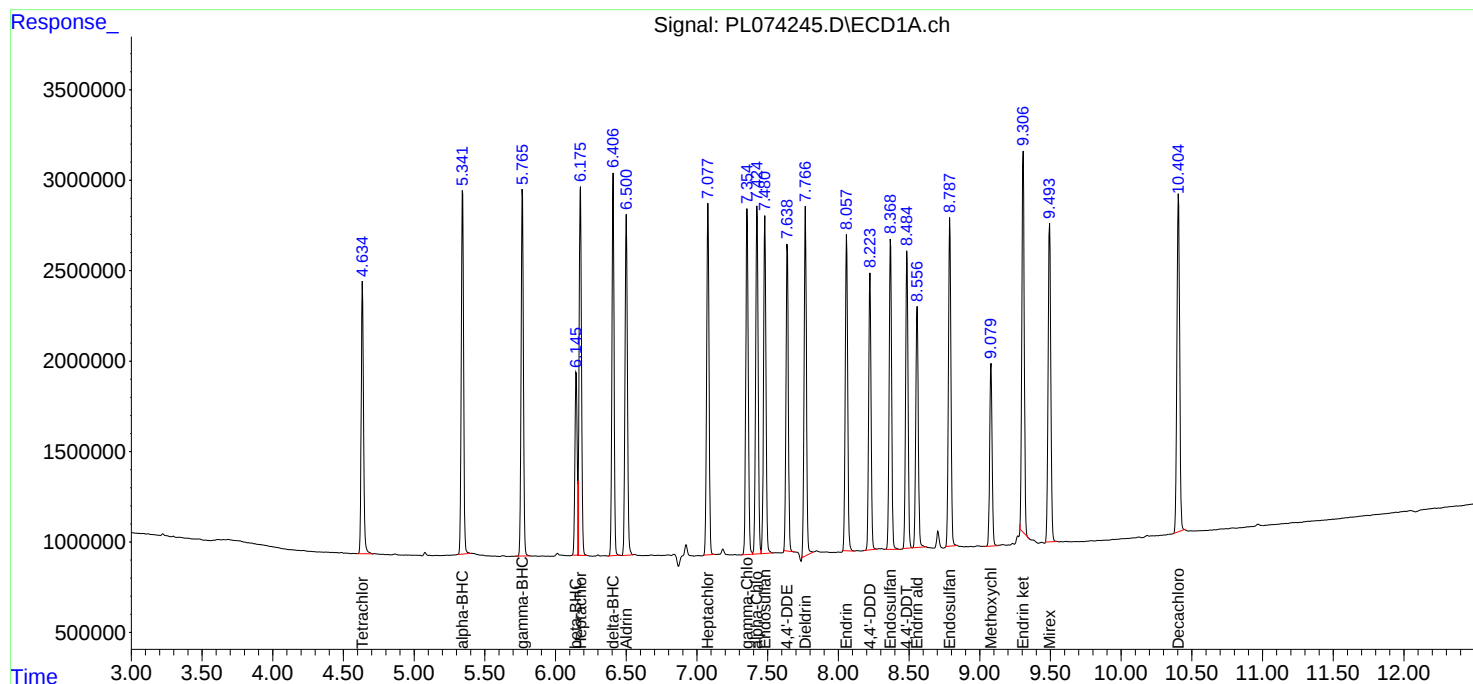
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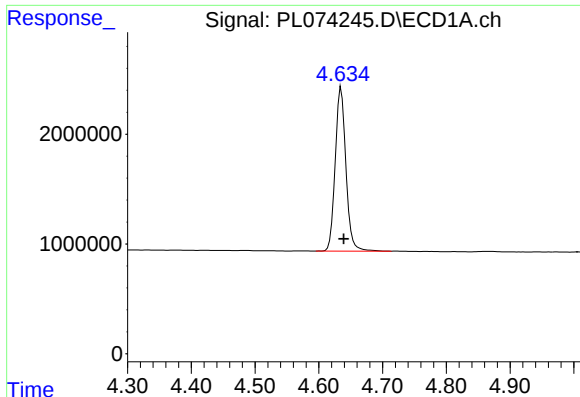
Reviewed By :Abdul Mirza 04/22/2022

Supervised By :mohammad ahmed 04/22/2022

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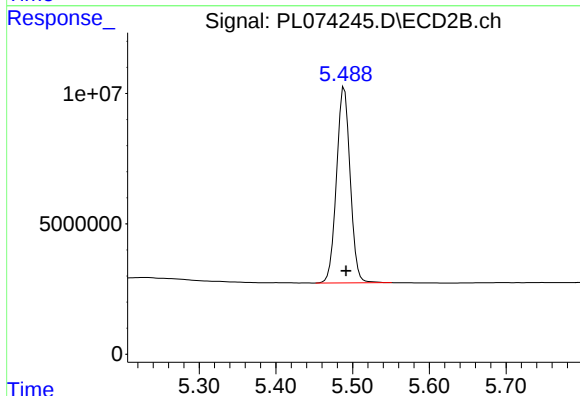
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 17397230
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

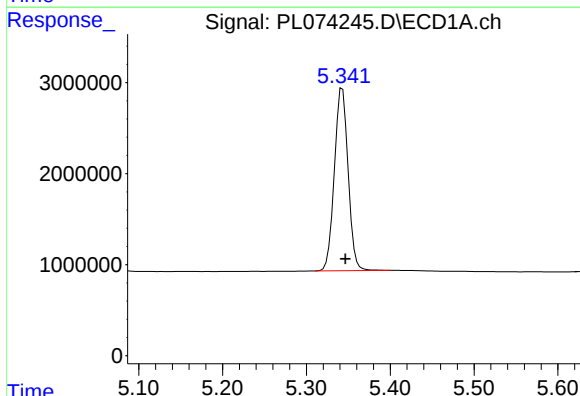
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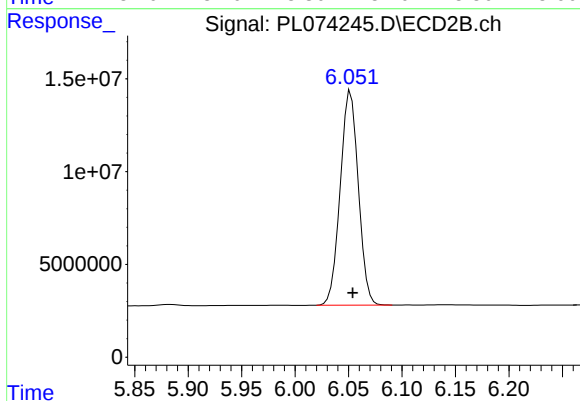
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 92931001
Conc: 52.12 ng/ml



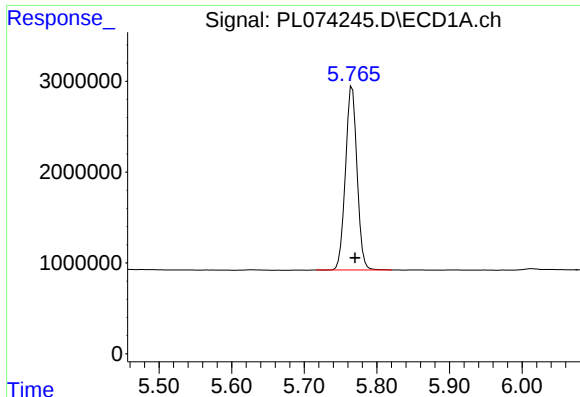
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 22825540
Conc: 54.39 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 136191884
Conc: 54.09 ng/ml



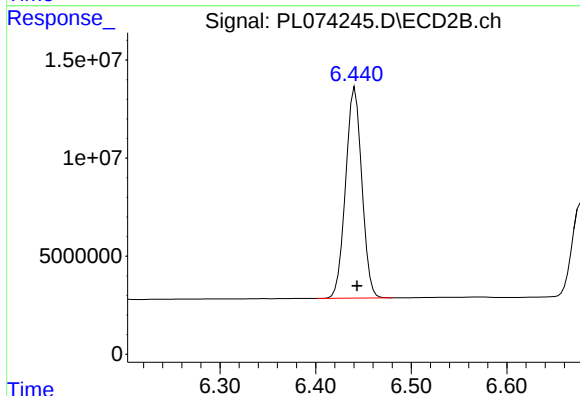
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 22481633
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

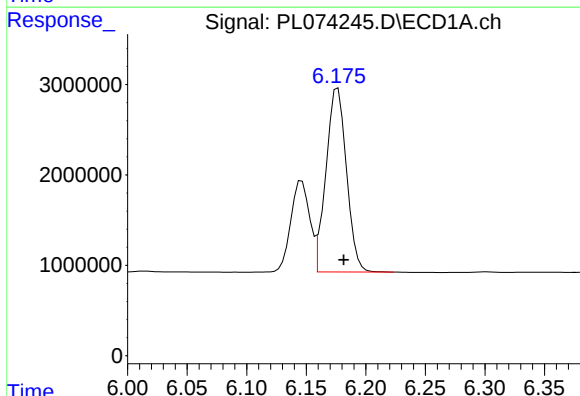
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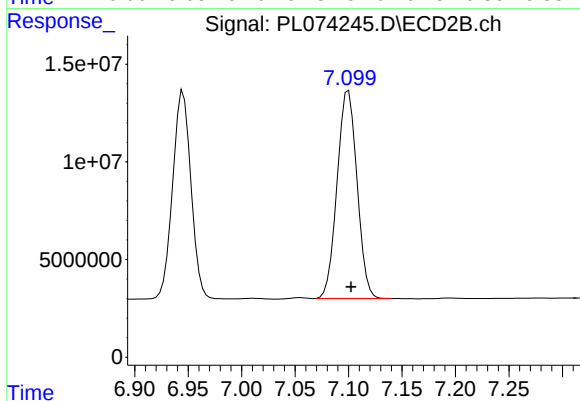
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 127383661
Conc: 53.81 ng/ml



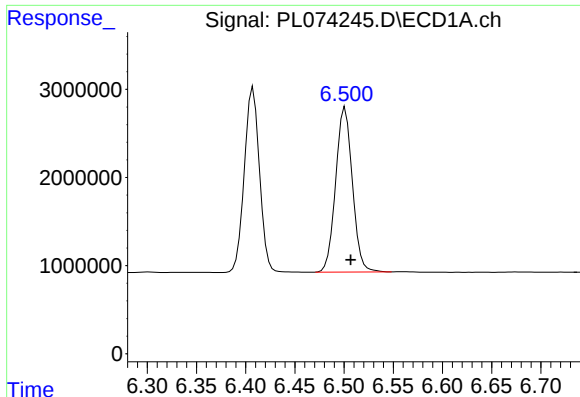
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 24397246
Conc: 54.16 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 138215658
Conc: 52.99 ng/ml



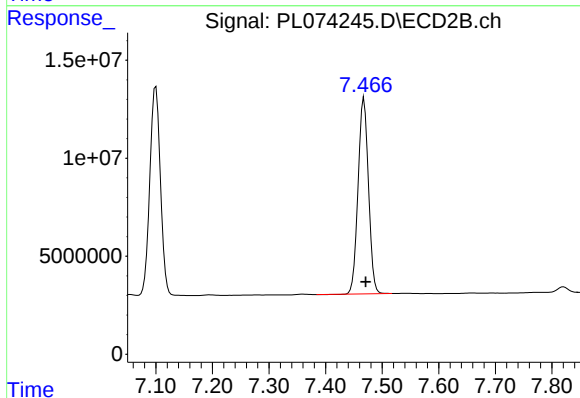
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 22148912
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

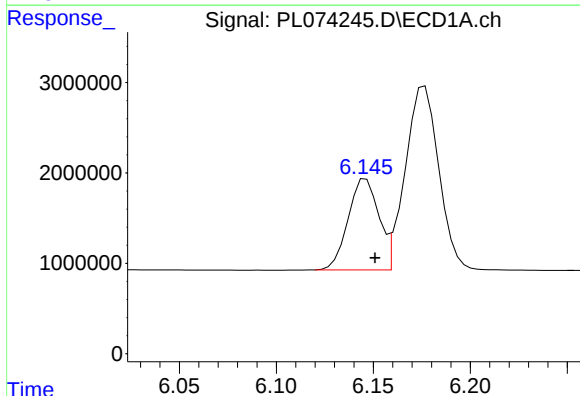
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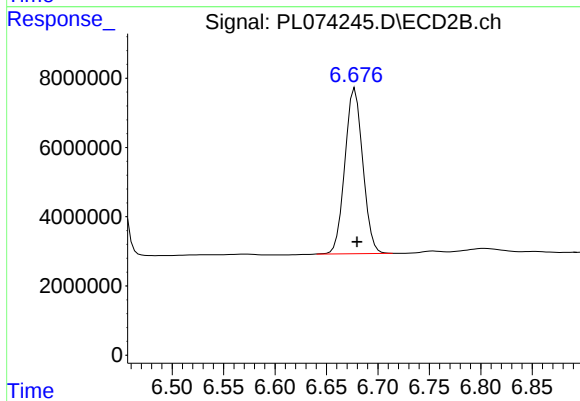
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 127588721
Conc: 54.33 ng/ml



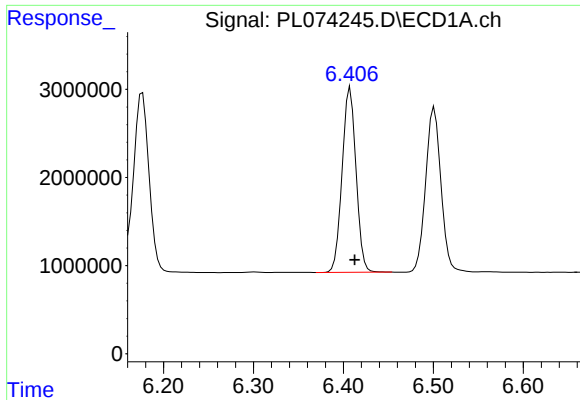
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 11055273
Conc: 54.11 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 57893316
Conc: 51.37 ng/ml



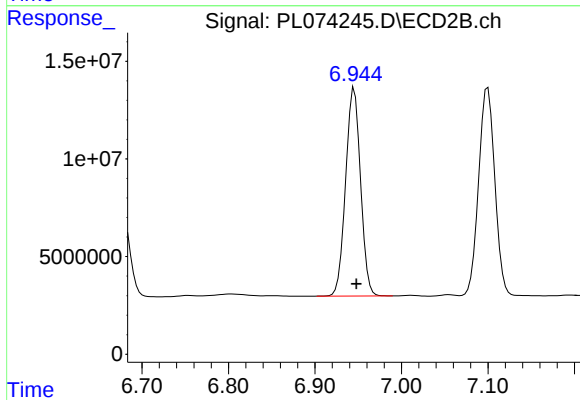
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 22479002
Conc: 54.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

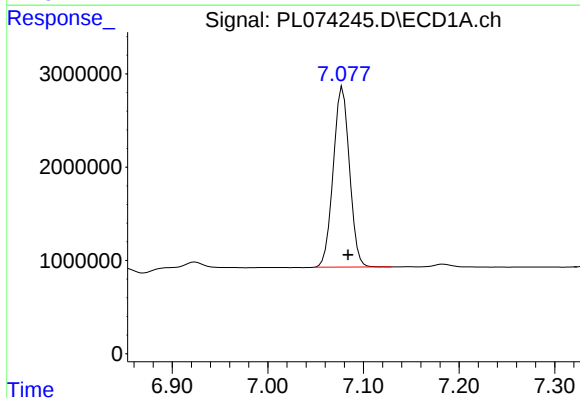
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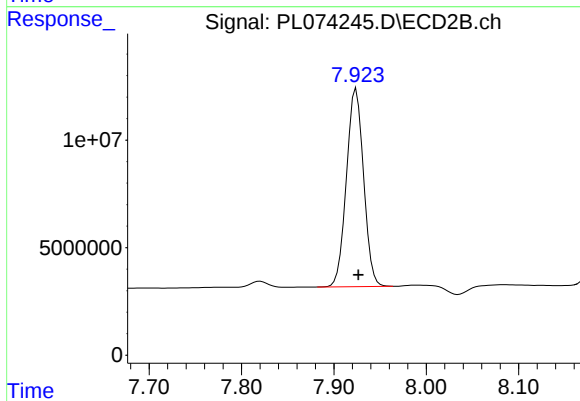
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 127061982
Conc: 52.03 ng/ml



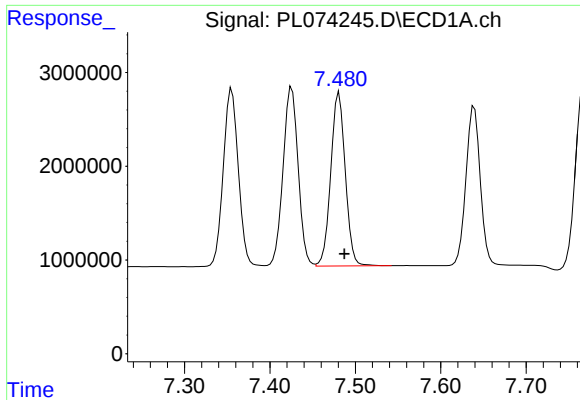
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 22746216
Conc: 53.03 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 118912090
Conc: 52.81 ng/ml



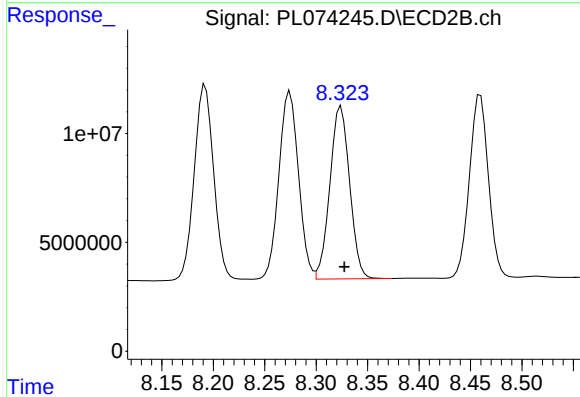
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 21875266
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

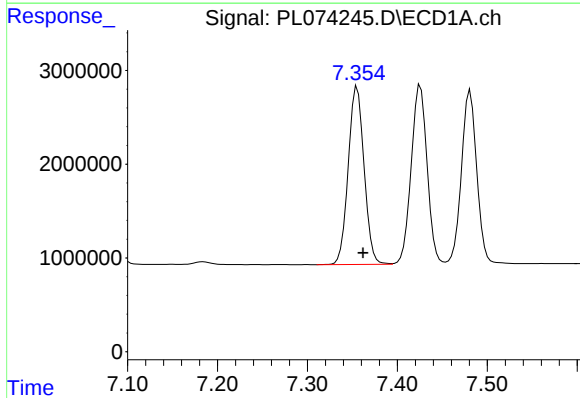
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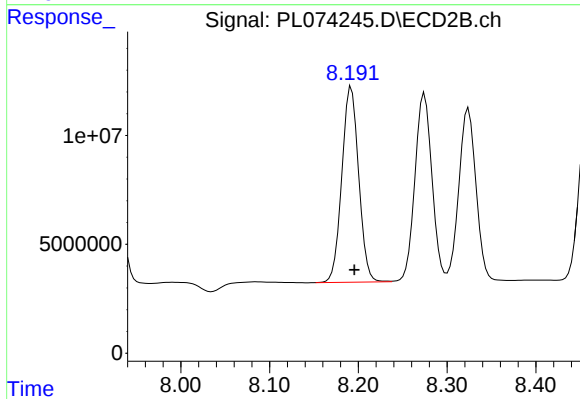
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 106063083
Conc: 53.88 ng/ml



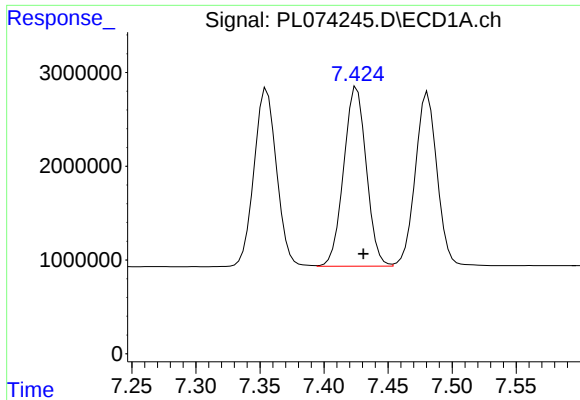
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 23248087
Conc: 53.01 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 118472190
Conc: 53.12 ng/ml



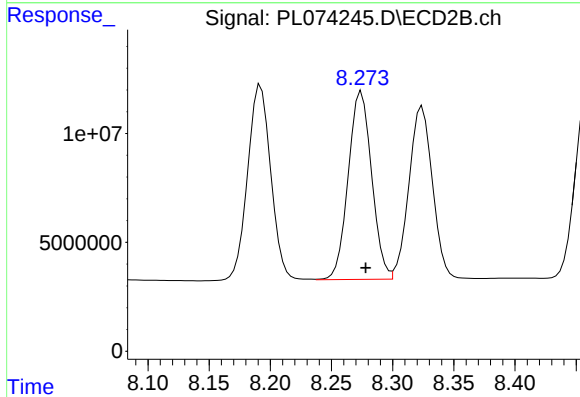
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 23480655
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

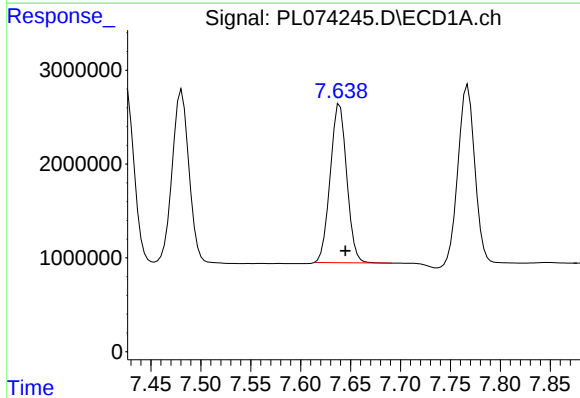
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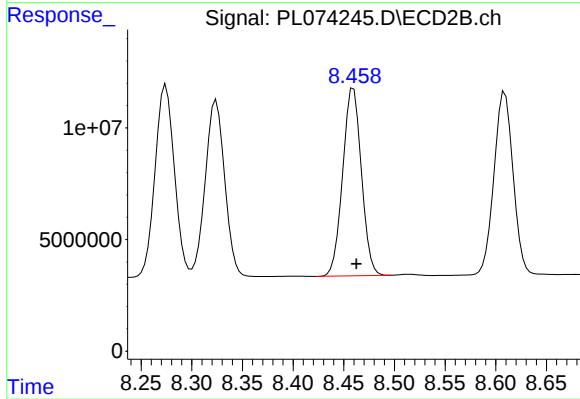
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 115189847
Conc: 53.51 ng/ml



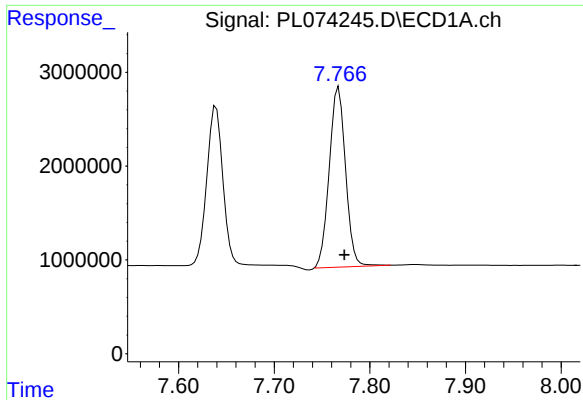
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 19439548
Conc: 53.29 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 107796322
Conc: 54.12 ng/ml



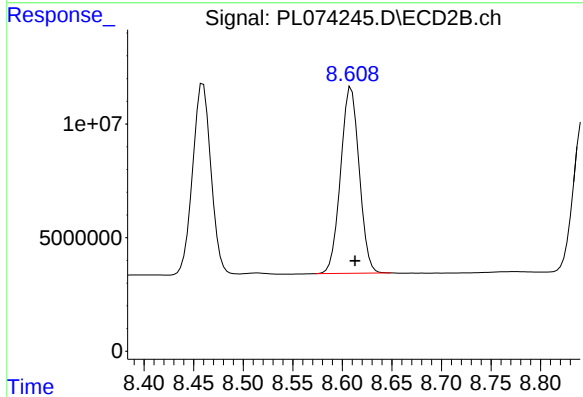
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.006 min
Response: 22741269
Conc: 52.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

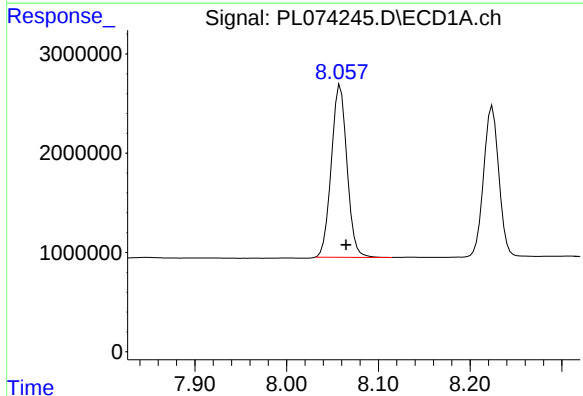
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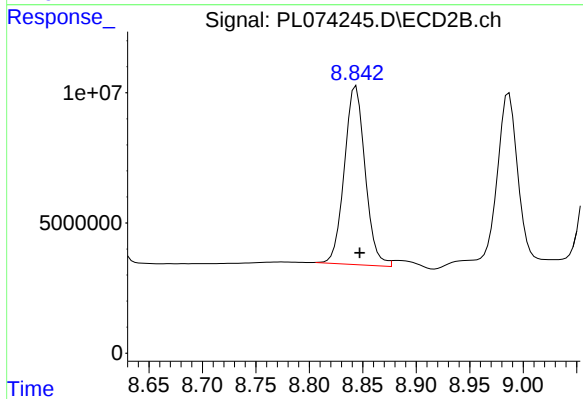
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 107046565
Conc: 53.38 ng/ml



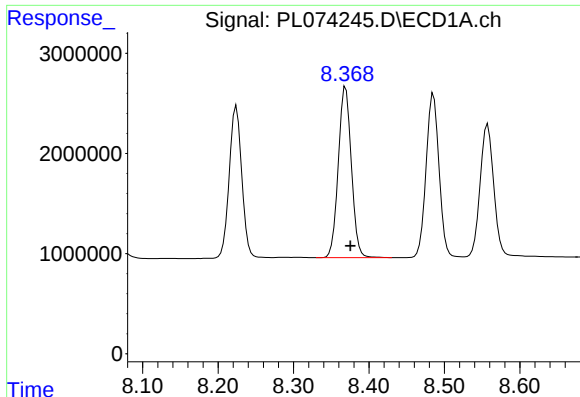
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 20656526
Conc: 50.85 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 92651129
Conc: 54.70 ng/ml



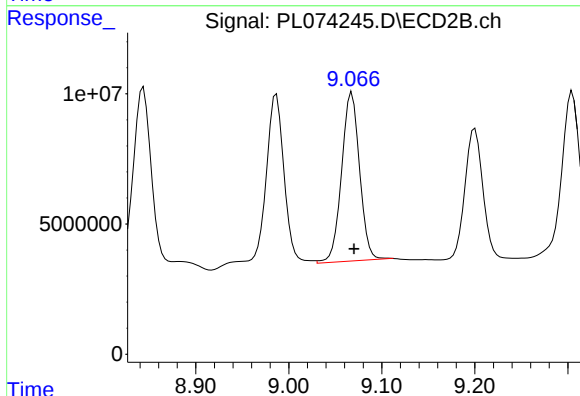
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 20576250
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

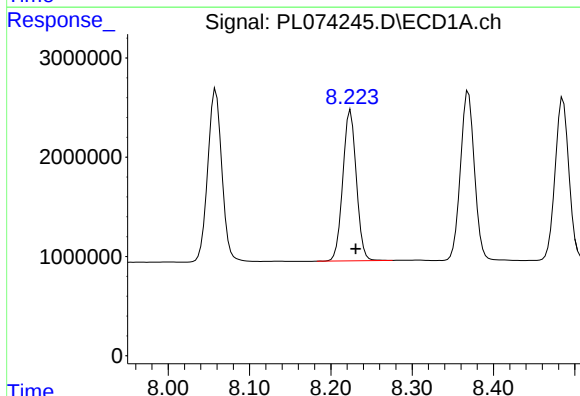
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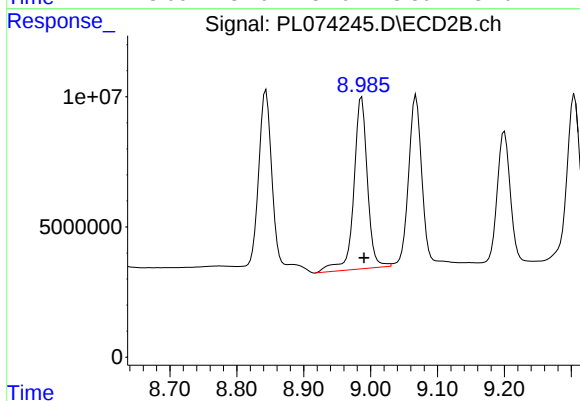
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 86877583
Conc: 50.01 ng/ml



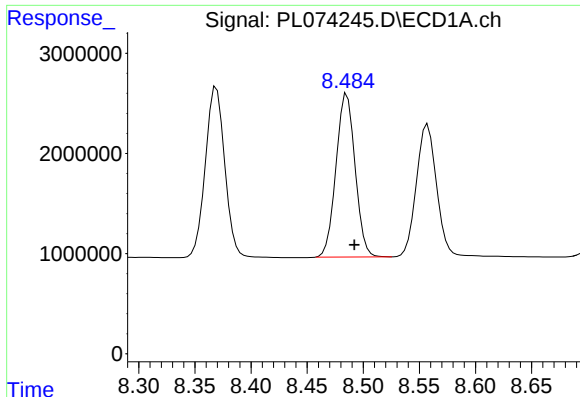
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 17490819
Conc: 54.16 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 93474240
Conc: 60.75 ng/ml



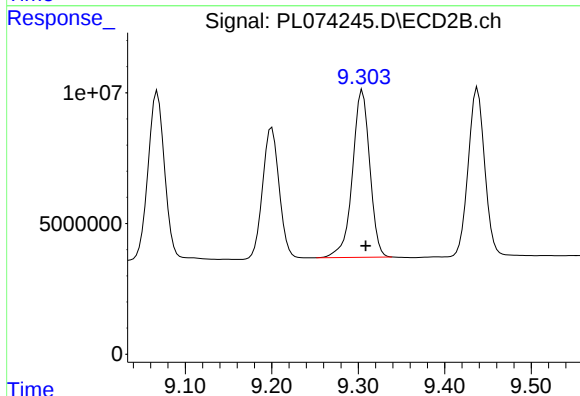
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 19331659
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

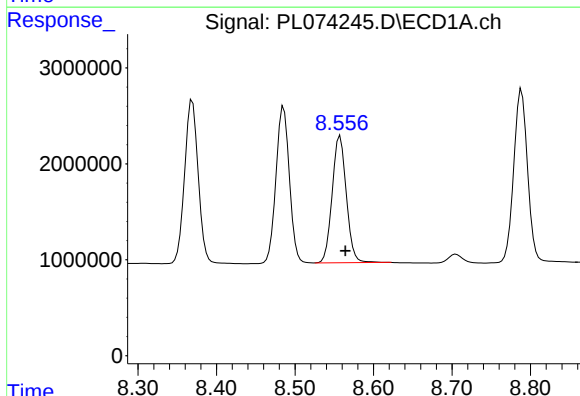
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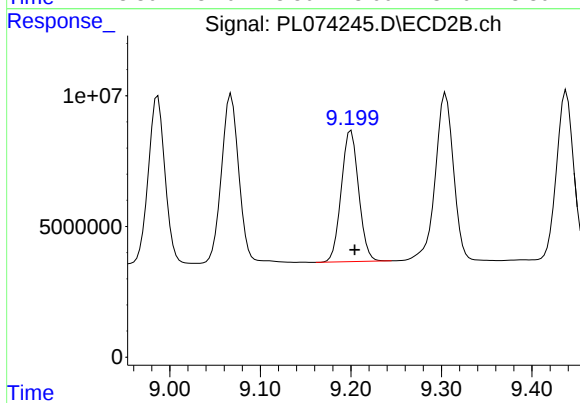
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 88857157
Conc: 50.13 ng/ml



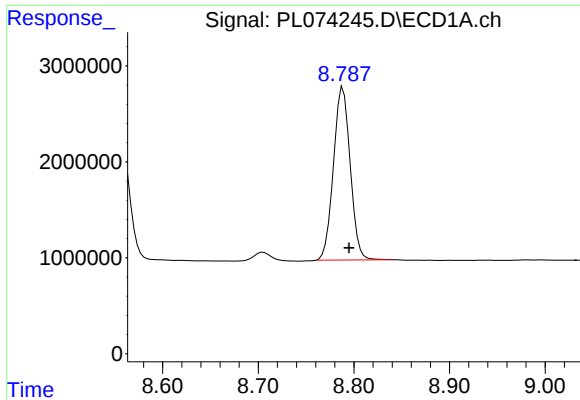
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 16580292
Conc: 51.24 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 66881840
Conc: 51.78 ng/ml



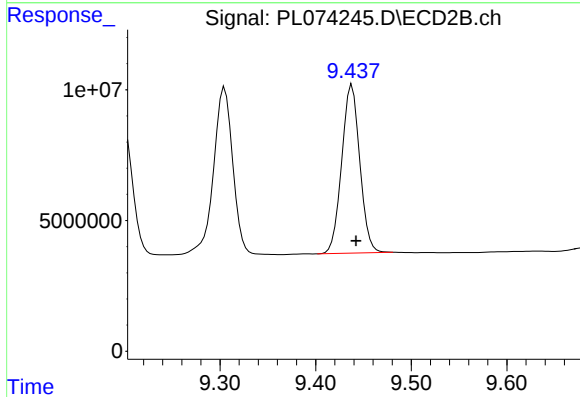
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 21909200
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

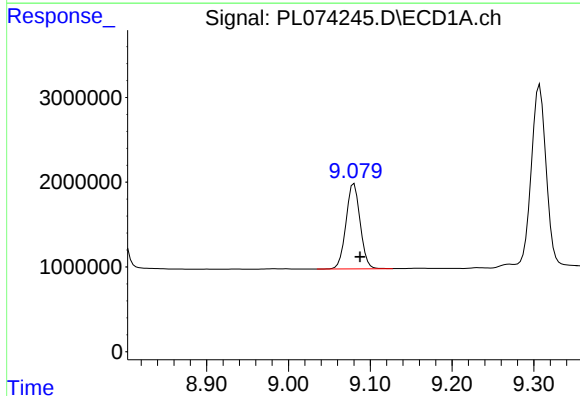
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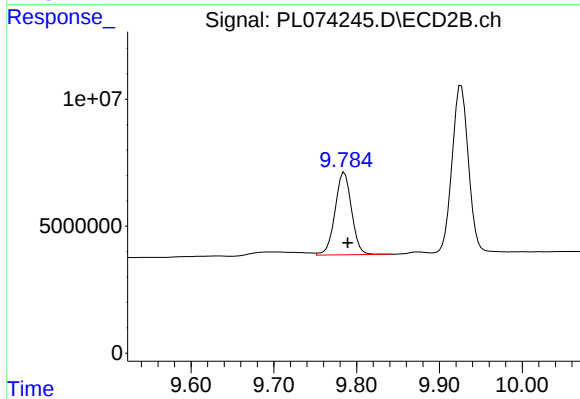
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 84915718
Conc: 51.02 ng/ml



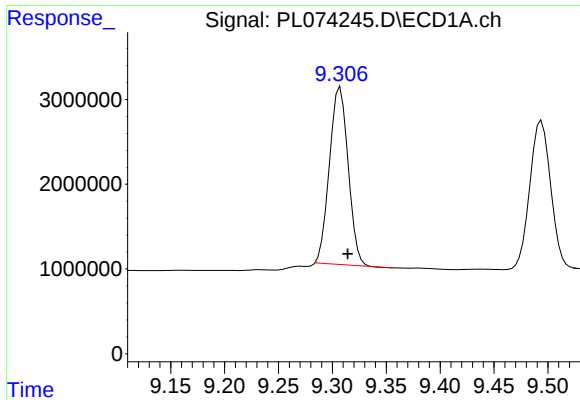
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 12030737
Conc: 48.46 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 44974060
Conc: 46.76 ng/ml



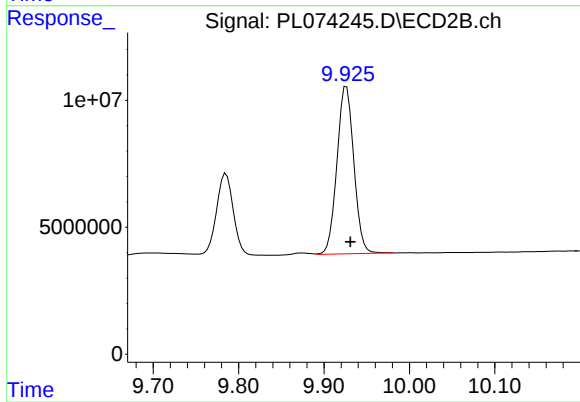
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 25165702
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

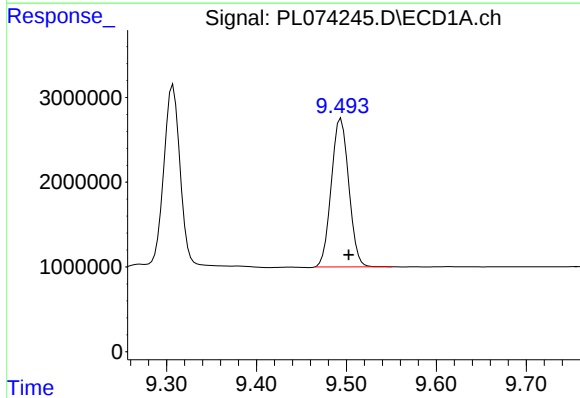
Manual Integrations
APPROVED

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



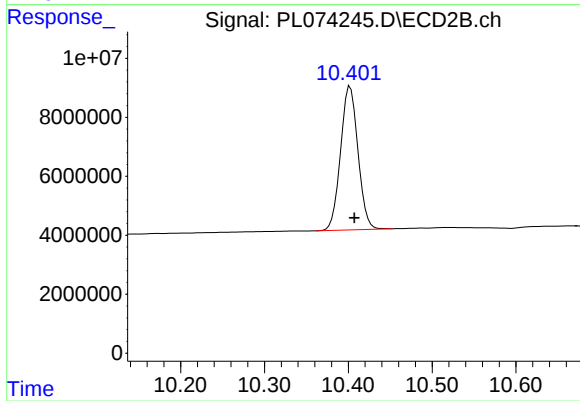
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 90690038
Conc: 52.39 ng/ml



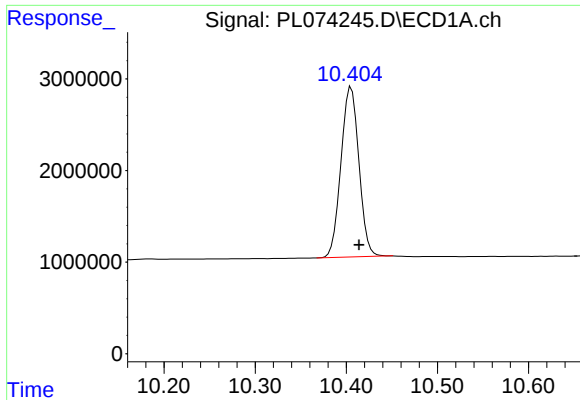
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 23676361
Conc: 50.76 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.005 min
Response: 70235816
Conc: 50.99 ng/ml



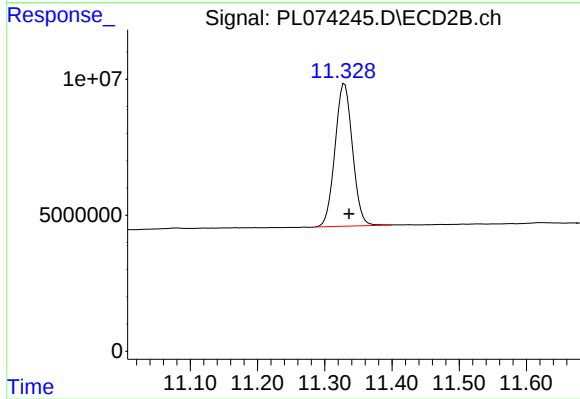
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 25373148
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-4

Manual Integrations
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Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 94151788
Conc: 53.30 ng/ml