

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 05:09
 Operator : AR\AJ
 Sample : N2480-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

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 06:23:13 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	16760962	90803094	51.874	50.928
28)	SA Decachlor...	10.403	11.328	24587789	91526965	47.281m	51.818
Target Compounds							
2)	A alpha-BHC	5.342	6.051	22070411	133.0E6	52.591	52.812
3)	MA gamma-BHC...	5.766	6.440	21918846	124.8E6	52.263	52.729
4)	MA Heptachlor	6.177	7.100	23874560	135.4E6	53.001	51.914
5)	MB Aldrin	6.501	7.467	21662513	125.4E6	52.193	53.378
6)	B beta-BHC	6.146	6.678	10826936	56795937	52.988	50.395
7)	B delta-BHC	6.407	6.945	22080155	124.7E6	53.376	51.066
8)	B Heptachlo...	7.078	7.923	22313147	117.1E6	52.020	52.000
9)	A Endosulfan I	7.481	8.324	21504420	105.0E6	52.434	53.352
10)	B gamma-Chl...	7.356	8.192	22812032	116.6E6	52.012	52.285
11)	B alpha-Chl...	7.425	8.275	23075422	113.9E6	52.234	52.927
12)	B 4,4'-DDE	7.639	8.460	19122523	107.4E6	52.417	53.899
13)	MA Dieldrin	7.767	8.609	22035096	105.8E6	51.296	52.768
14)	MA Endrin	8.058	8.844	20325794	92003871	50.035	54.322
15)	B Endosulfa...	8.369	9.068	20206923	86182557	49.027	49.609
16)	A 4,4'-DDD	8.224	8.986	16998148	90769458	52.638	58.995
17)	MA 4,4'-DDT	8.485	9.305	19009198	88192205	51.426	49.751
18)	B Endrin al...	8.557	9.200	16252653	63869484	50.232	49.449
19)	B Endosulfa...	8.787	9.437	21361747	83589877	50.025	50.225
20)	A Methoxychlor	9.080	9.785	11691055	44265583	47.090	46.021
21)	B Endrin ke...	9.307	9.926	24023799	89216366	49.173	51.542
22)	Mirex	9.494	10.402	23010176	69618321	49.335	50.543

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
Data File : PL074244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2022 05:09
Operator : AR\AJ
Sample : N2480-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

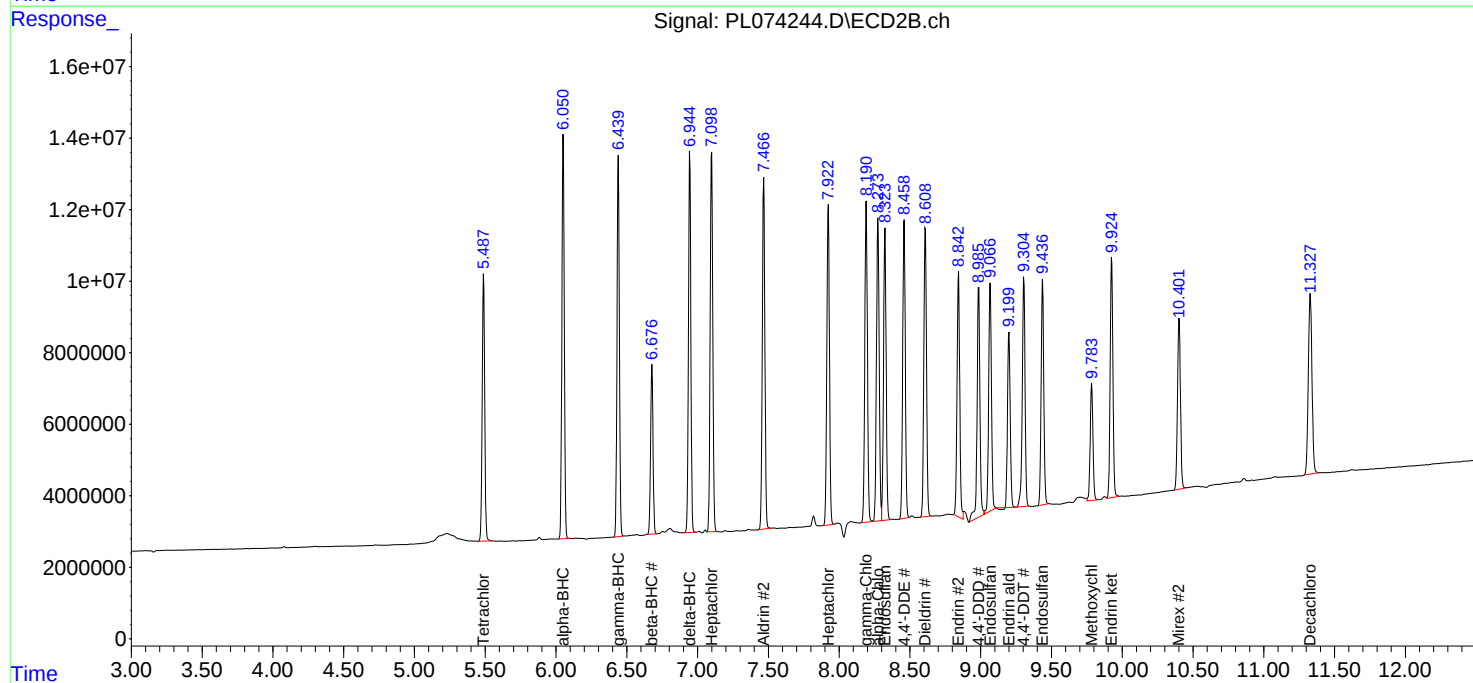
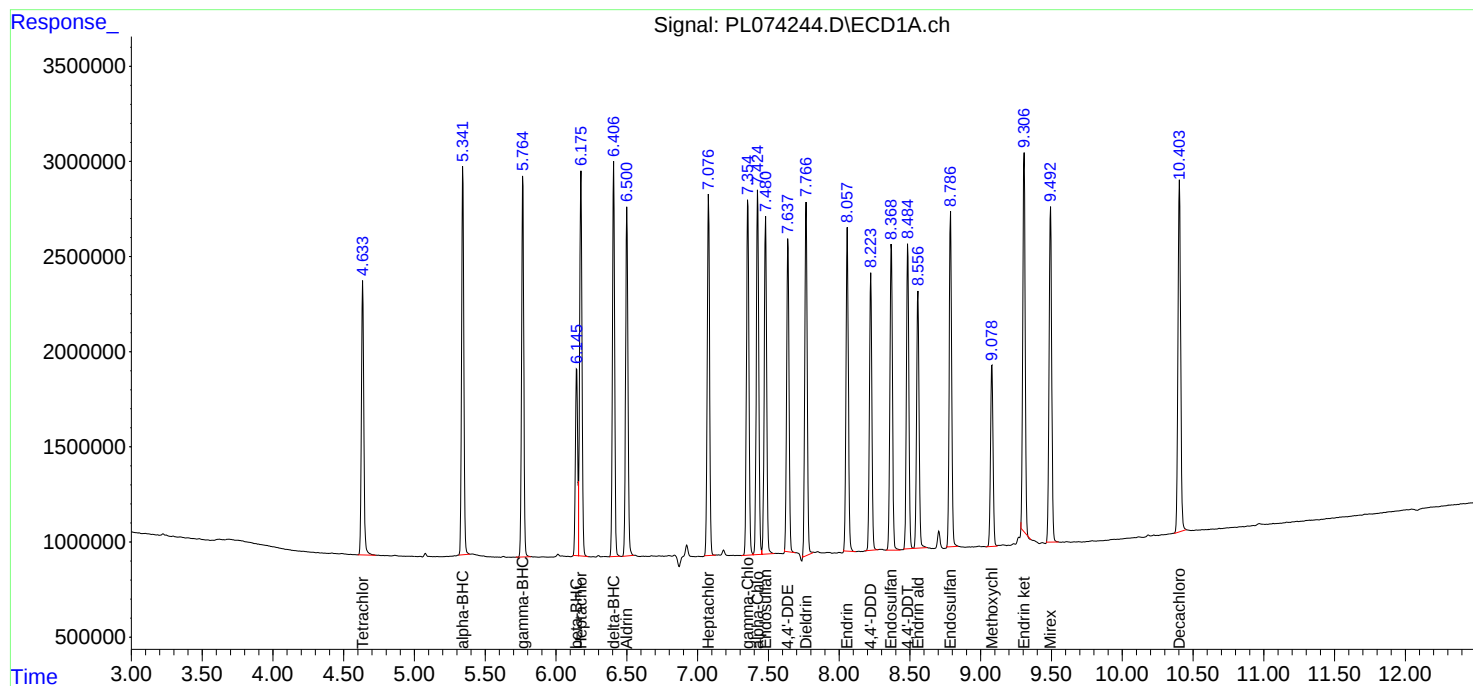
Instrument :
ECD_L
ClientSampleId :
WC-16-1A-1-GR

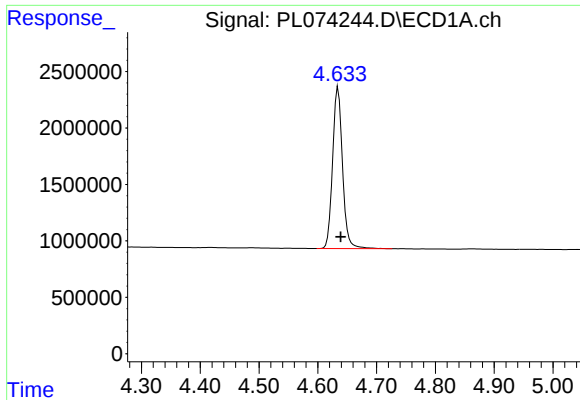
Manual Integrations
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Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 06:23:13 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





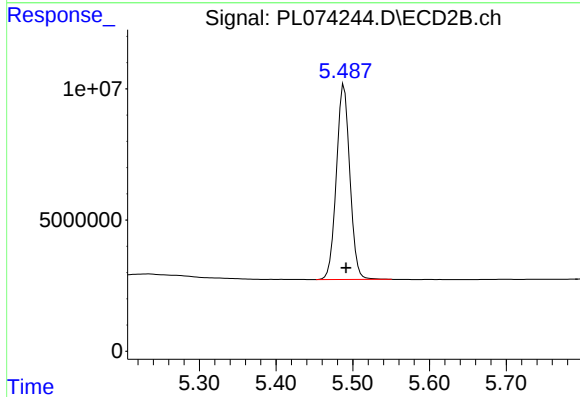
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 16760962
Conc: 51.87 ng/ml

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

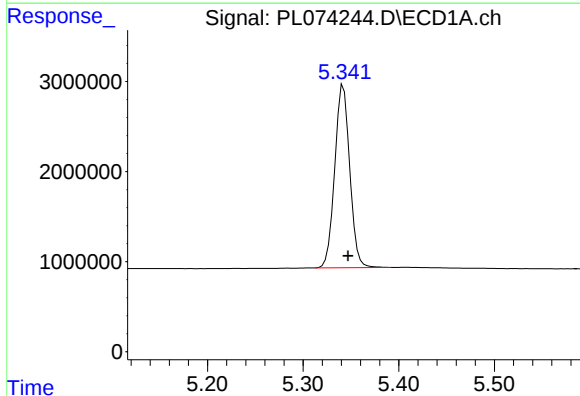
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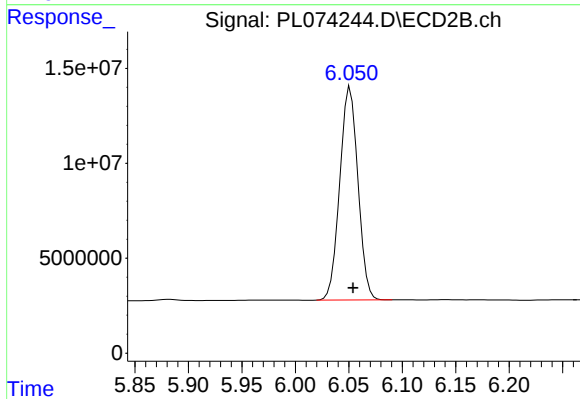
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 90803094
Conc: 50.93 ng/ml



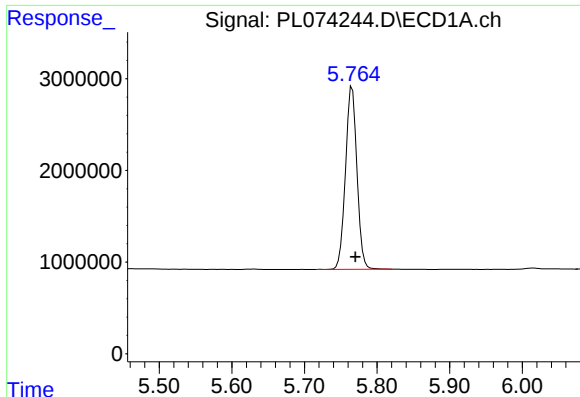
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 22070411
Conc: 52.59 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 132985538
Conc: 52.81 ng/ml



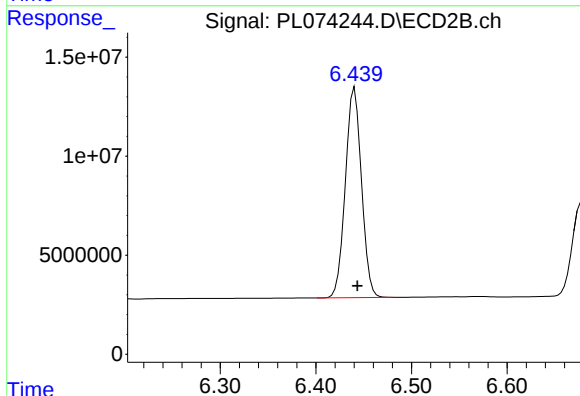
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 21918846
Conc: 52.26 ng/ml

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

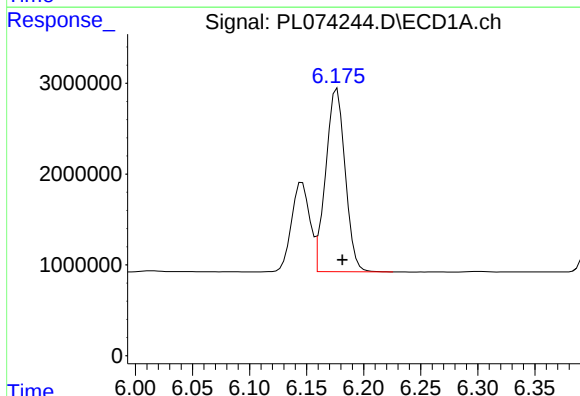
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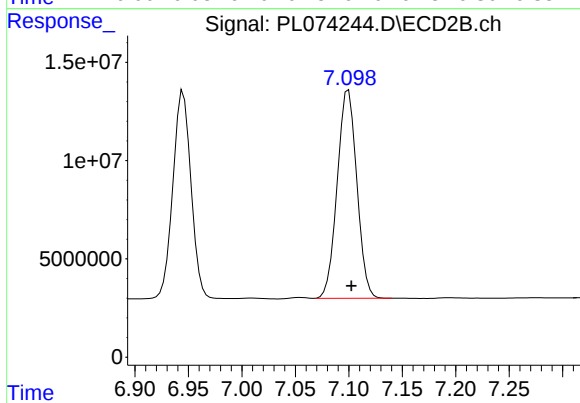
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 124814702
Conc: 52.73 ng/ml



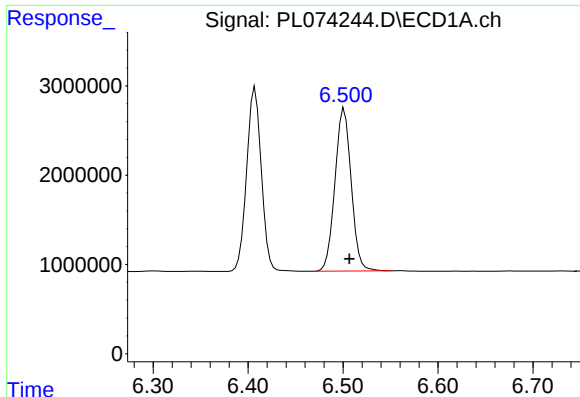
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 23874560
Conc: 53.00 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 135413459
Conc: 51.91 ng/ml



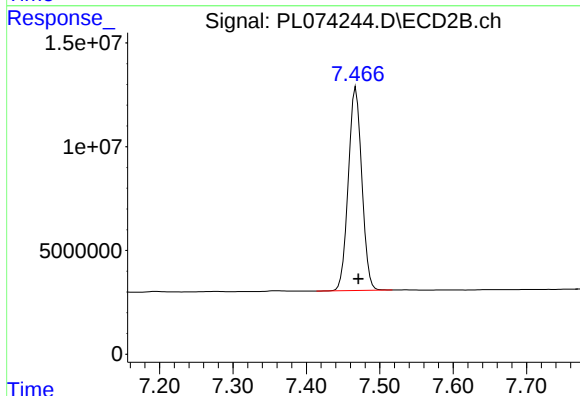
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.005 min
Response: 21662513
Conc: 52.19 ng/ml

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

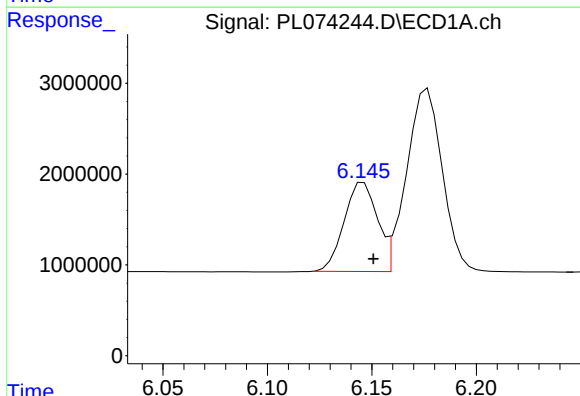
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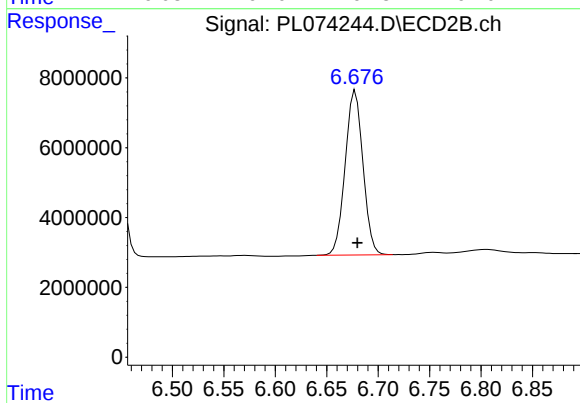
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 125364285
Conc: 53.38 ng/ml



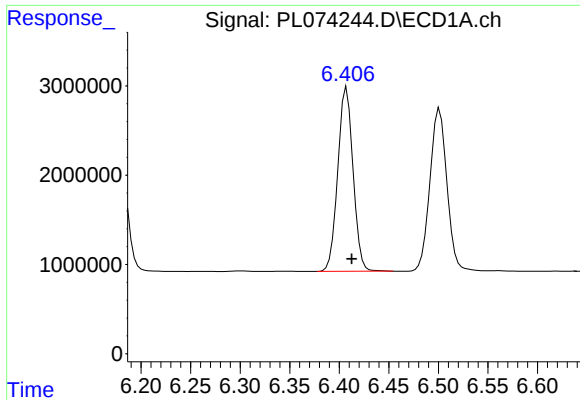
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10826936
Conc: 52.99 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 56795937
Conc: 50.39 ng/ml



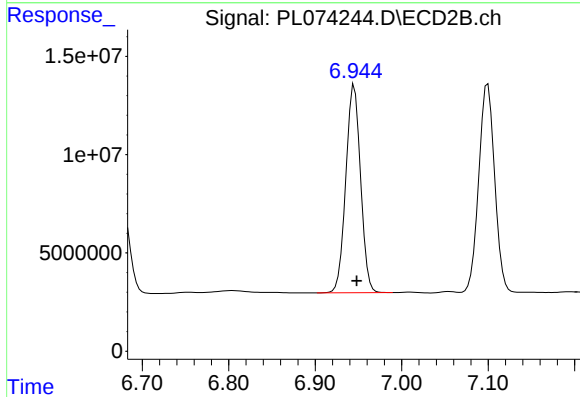
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 22080155
Conc: 53.38 ng/ml

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

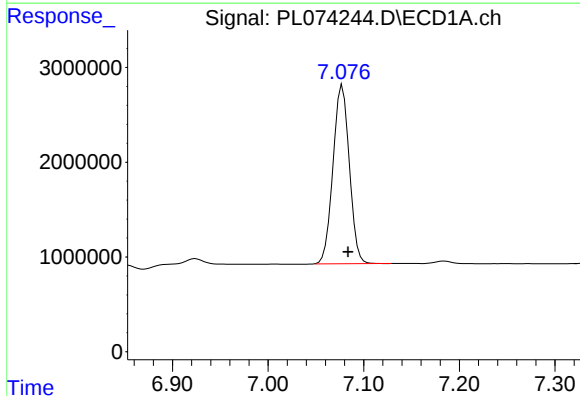
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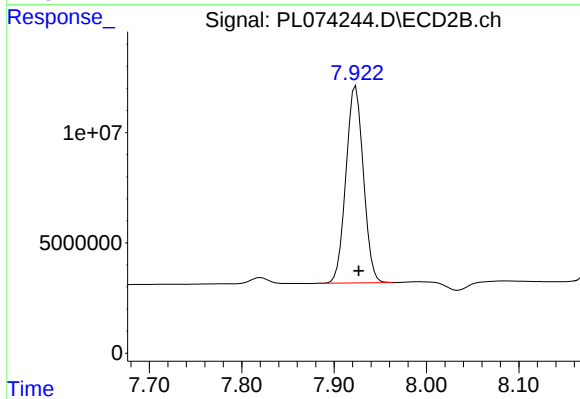
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 124716613
Conc: 51.07 ng/ml



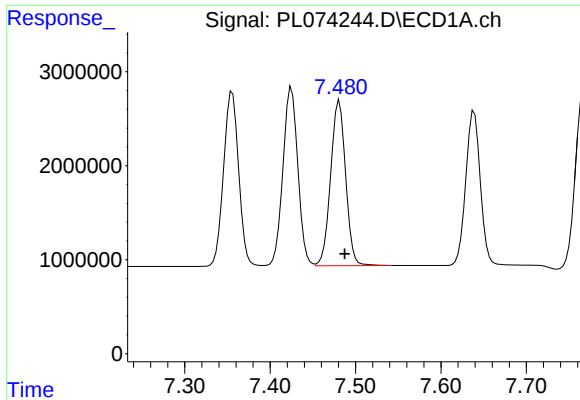
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 22313147
Conc: 52.02 ng/ml



#8 Heptachlor epoxide

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 117082162
Conc: 52.00 ng/ml



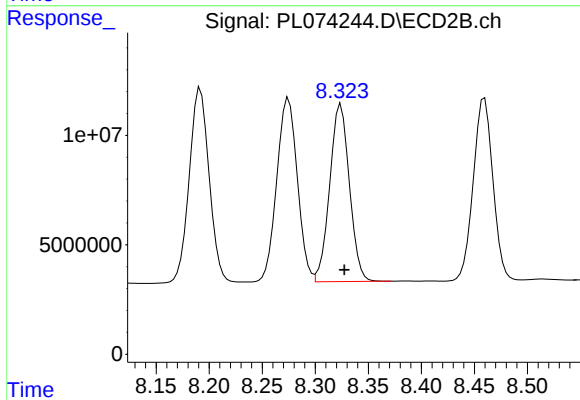
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 21504420
Conc: 52.43 ng/ml

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

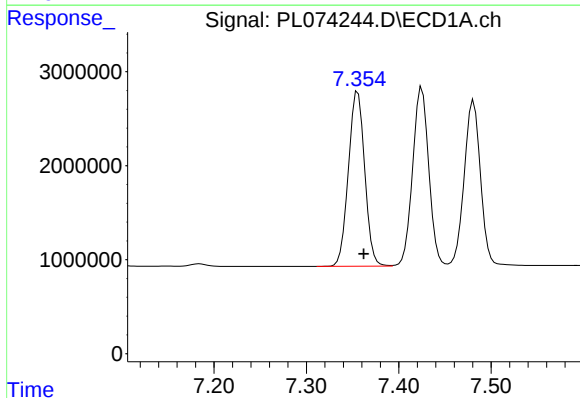
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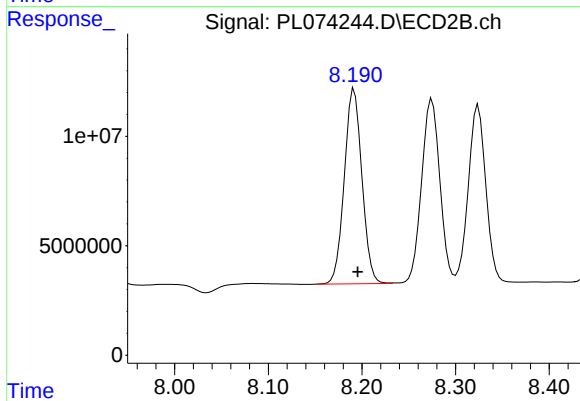
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 105031787
Conc: 53.35 ng/ml



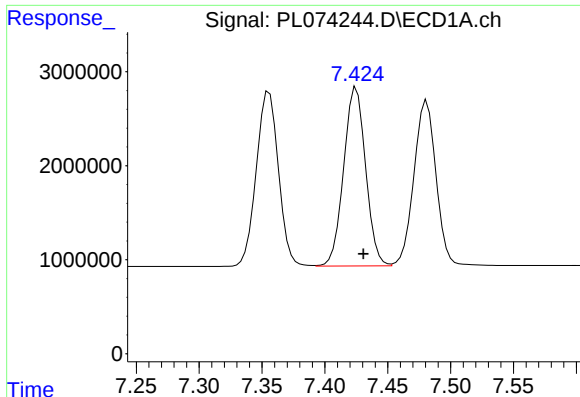
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 22812032
Conc: 52.01 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 116613545
Conc: 52.28 ng/ml



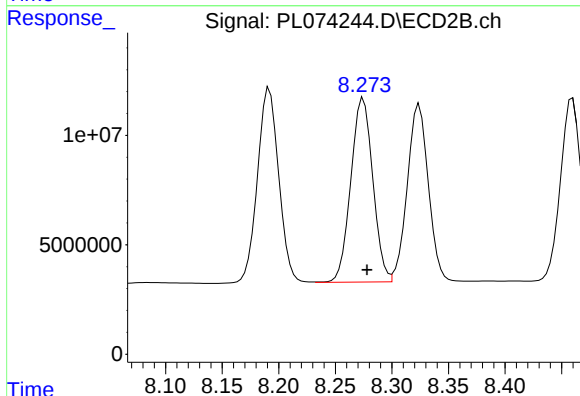
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 23075422
Conc: 52.23 ng/ml

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

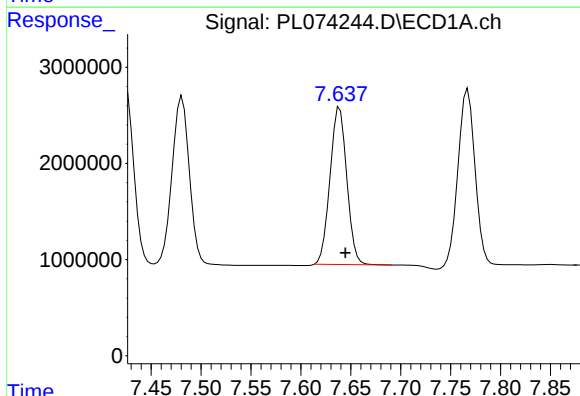
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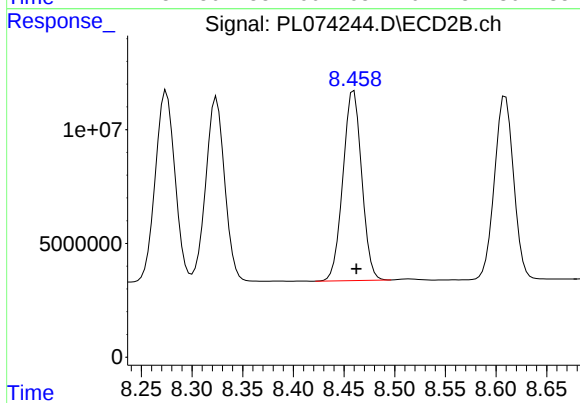
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 113928966
Conc: 52.93 ng/ml



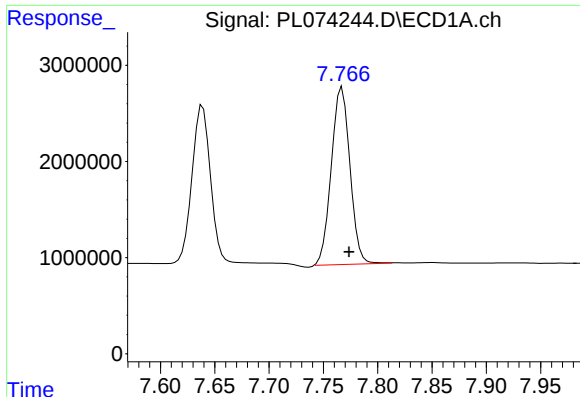
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 19122523
Conc: 52.42 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 107351367
Conc: 53.90 ng/ml



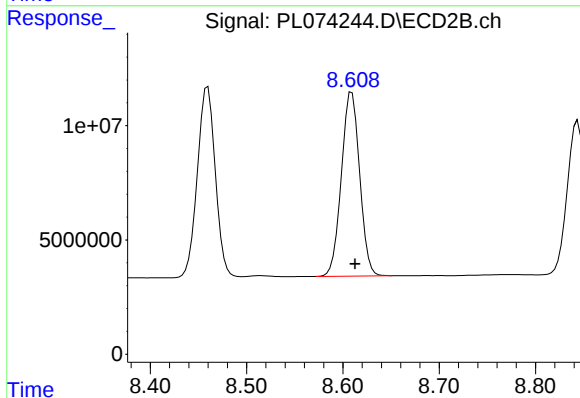
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.006 min
Response: 22035096
Conc: 51.30 ng/ml

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

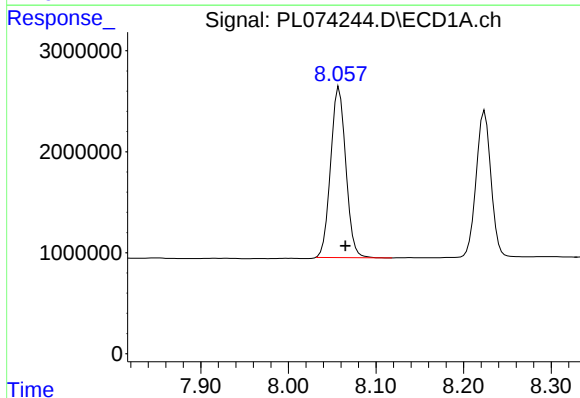
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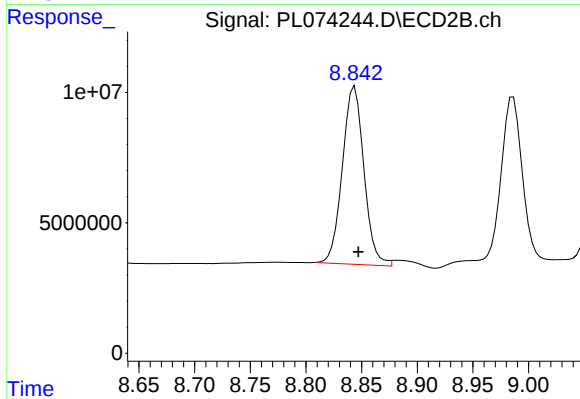
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 105814286
Conc: 52.77 ng/ml



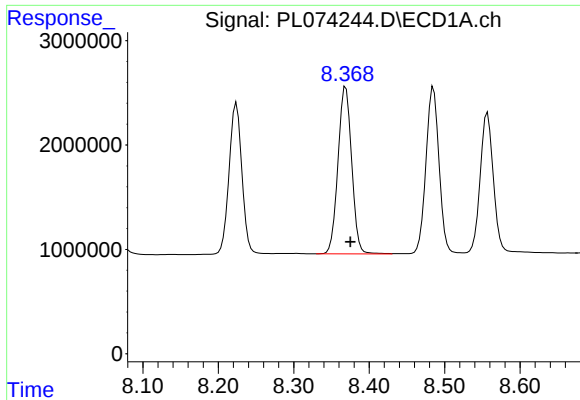
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 20325794
Conc: 50.03 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 92003871
Conc: 54.32 ng/ml



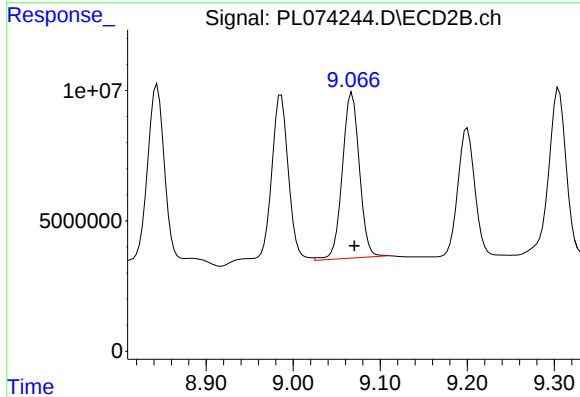
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 20206923
Conc: 49.03 ng/ml

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

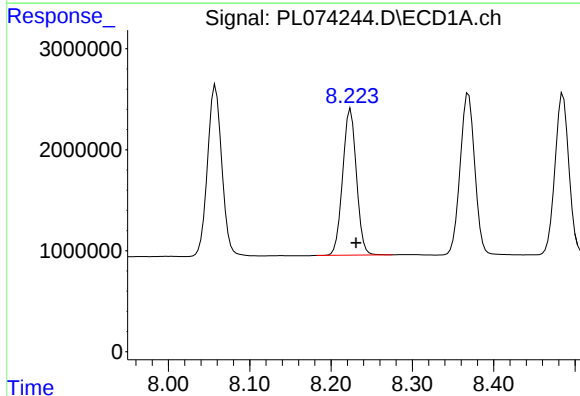
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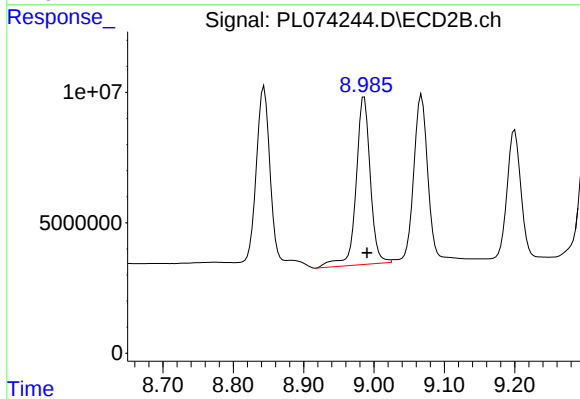
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 86182557
Conc: 49.61 ng/ml



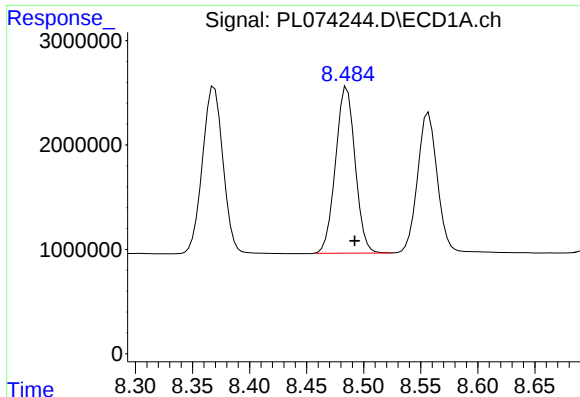
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 16998148
Conc: 52.64 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 90769458
Conc: 58.99 ng/ml



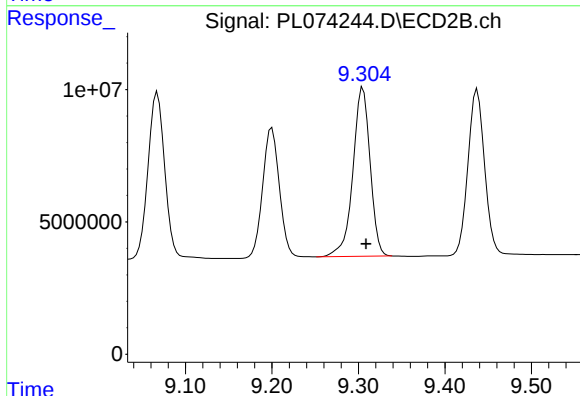
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 19009198
Conc: 51.43 ng/ml

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

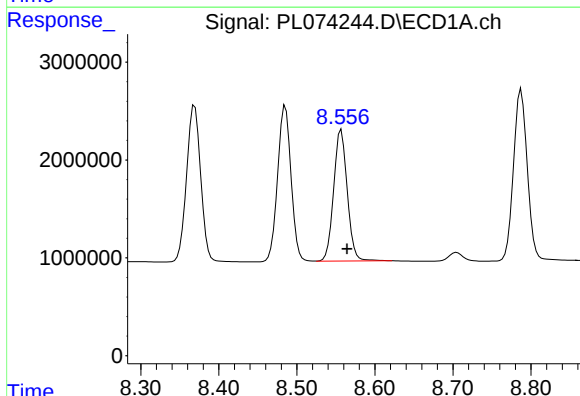
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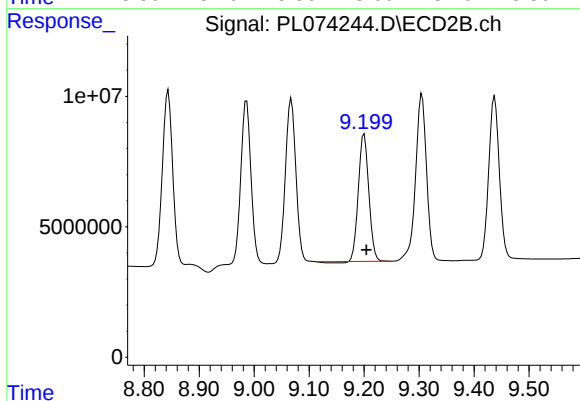
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 88192205
Conc: 49.75 ng/ml



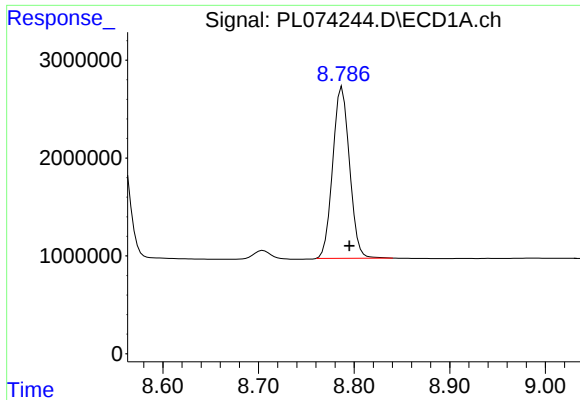
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 16252653
Conc: 50.23 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 63869484
Conc: 49.45 ng/ml



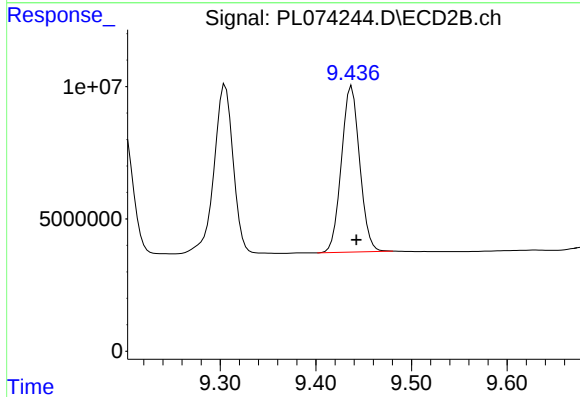
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 21361747
Conc: 50.02 ng/ml

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

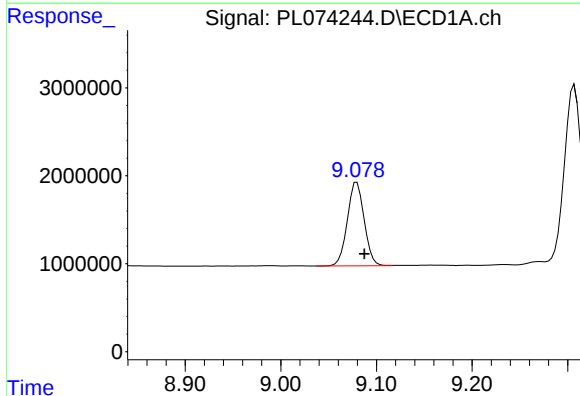
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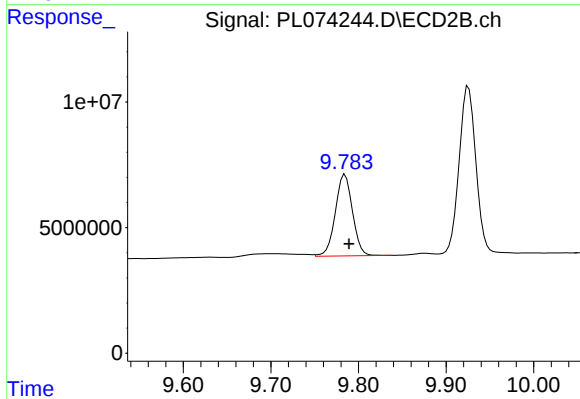
#19 Endosulfan Sulfate

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 83589877
Conc: 50.22 ng/ml



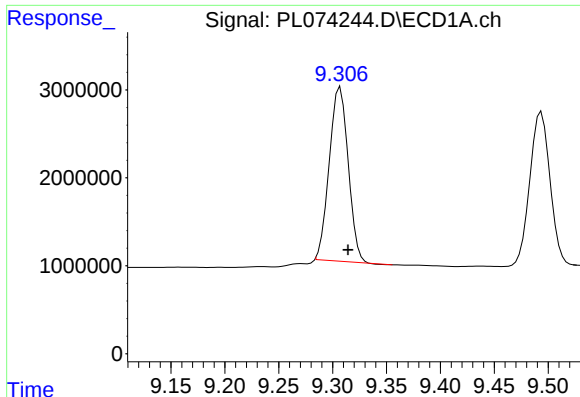
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.008 min
Response: 11691055
Conc: 47.09 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.005 min
Response: 44265583
Conc: 46.02 ng/ml



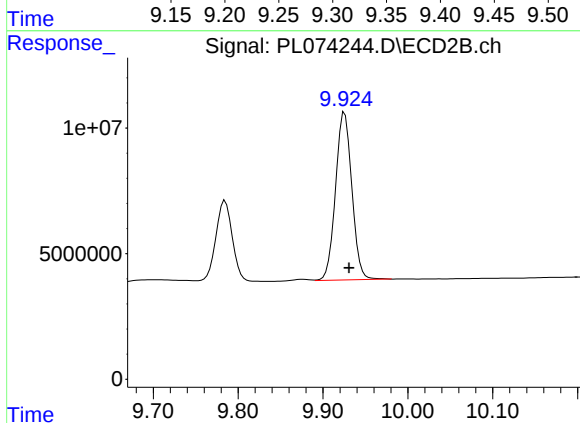
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 24023799
Conc: 49.17 ng/ml

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

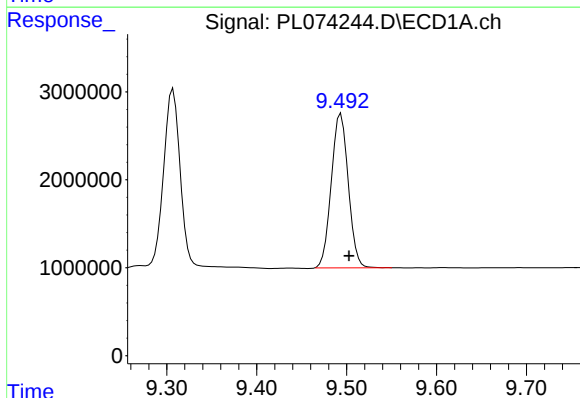
Manual Integrations
APPROVED

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



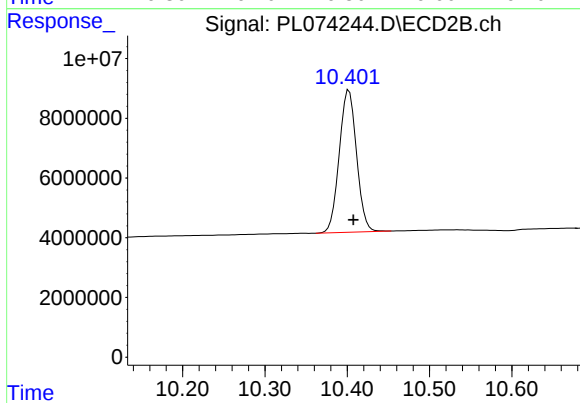
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 89216366
Conc: 51.54 ng/ml



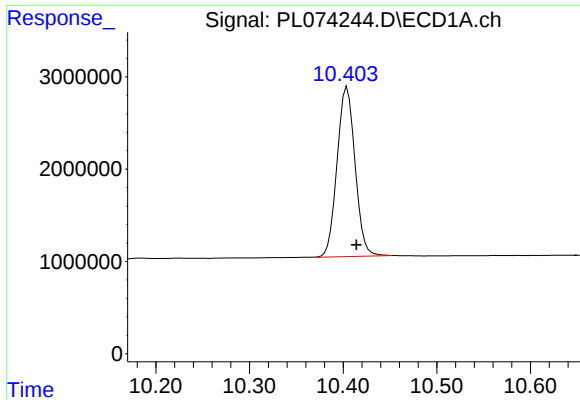
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 23010176
Conc: 49.34 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.005 min
Response: 69618321
Conc: 50.54 ng/ml



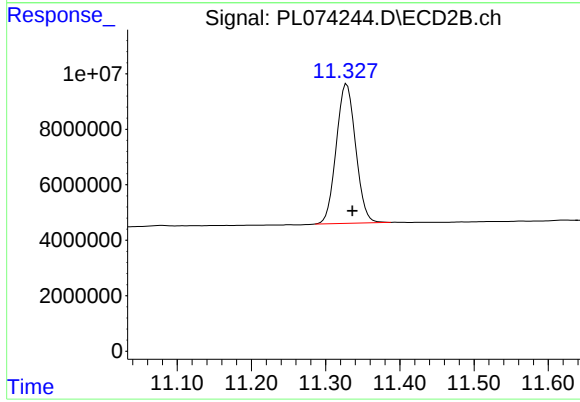
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 24587789
Conc: 47.28 ng/ml

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

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.328 min
Delta R.T.: -0.008 min
Response: 91526965
Conc: 51.82 ng/ml