

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042622\
 Data File : PL074383.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2022 21:44
 Operator : AR\AJ
 Sample : N2559-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-10SMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/27/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 00:26:41 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	5.490	8683957	46085021	26.876	25.847
28)	SA Decachlor...	10.406	11.333	13496329	45811430	25.953	25.936
Target Compounds							
2)	A alpha-BHC	5.343	6.053	25643176	158.1E6	61.104	62.766
3)	MA gamma-BHC...	5.766	6.442	25116858	147.4E6	59.888	62.270
4)	MA Heptachlor	6.177	7.101	25585369	154.4E6	56.799	59.181
5)	MB Aldrin	6.502	7.469	25491493	153.8E6	61.418	65.472
6)	B beta-BHC	6.147	6.679	11499847	64364944	56.281	57.111
7)	B delta-BHC	6.408	6.947	25078314	147.8E6	60.624	60.535
8)	B Heptachlo...	7.078	7.926	25226881	135.5E6	58.813	60.170
9)	A Endosulfan I	7.481	8.326	23943096	124.0E6	58.381	62.989
10)	B gamma-Chl...	7.356	8.194	25894355	137.9E6	59.040	61.820
11)	B alpha-Chl...	7.426	8.276	26074149	134.8E6	59.022	62.603
12)	B 4,4'-DDE	7.640	8.461	22158381	124.7E6	60.738	62.595
13)	MA Dieldrin	7.768	8.611	25408571	130.6E6	59.149	65.116
14)	MA Endrin	8.059	8.846	24189258	108.8E6	59.545	64.229
15)	B Endosulfa...	8.370	9.070	25342117	108.9E6	61.486	62.660
16)	A 4,4'-DDD	8.225	8.989	19821014	99295651	61.379	64.536
17)	MA 4,4'-DDT	8.486	9.307	20492625	96196618	55.440	54.267
18)	B Endrin al...	8.558	9.201	20613457	86708093	63.710	67.131m
19)	B Endosulfa...	8.789	9.440	25015481	101.4E6	58.581	60.948
20)	A Methoxychlor	9.081	9.787	13423173	52075238	54.067	54.141
21)	B Endrin ke...	9.308	9.929	29315780	110.3E6	60.005	63.706
22)	Mirex	9.495	10.406	25448632	78027346	54.564	56.648

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042622\
Data File : PL074383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2022 21:44
Operator : AR\AJ
Sample : N2559-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

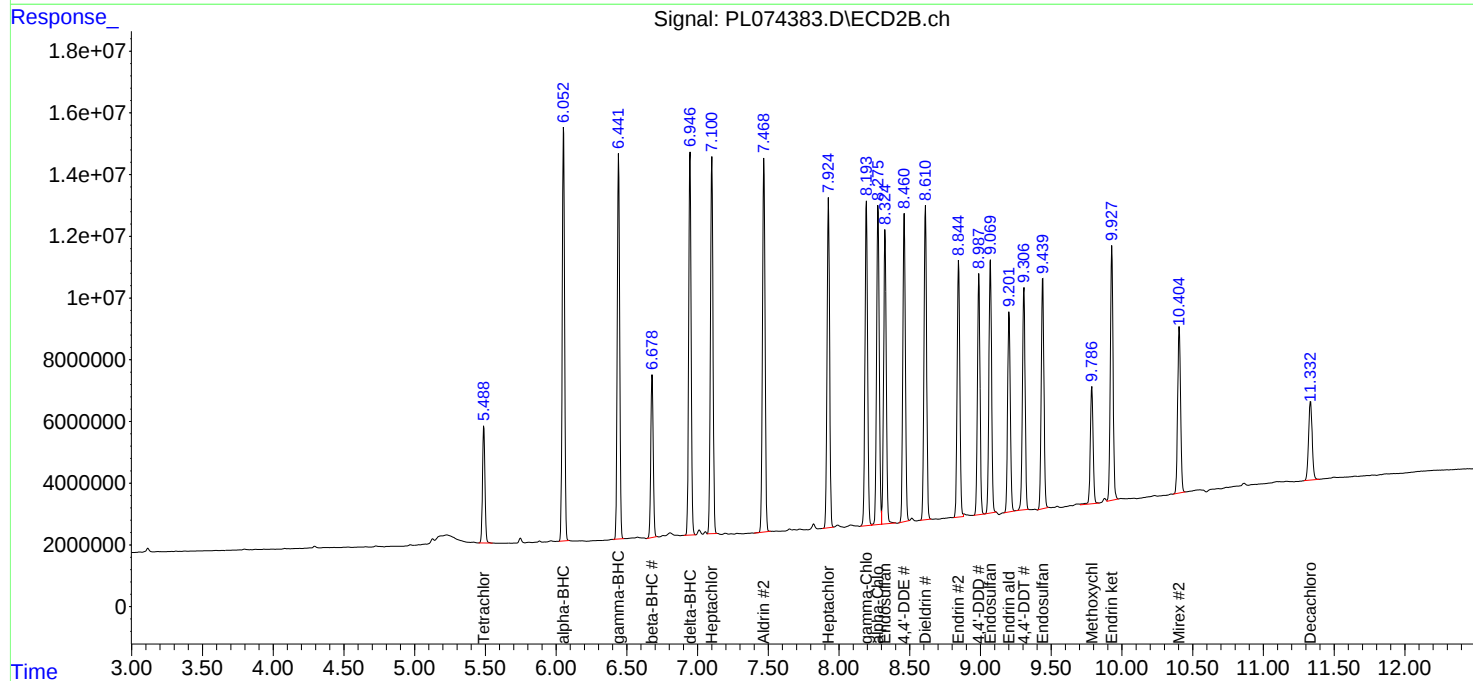
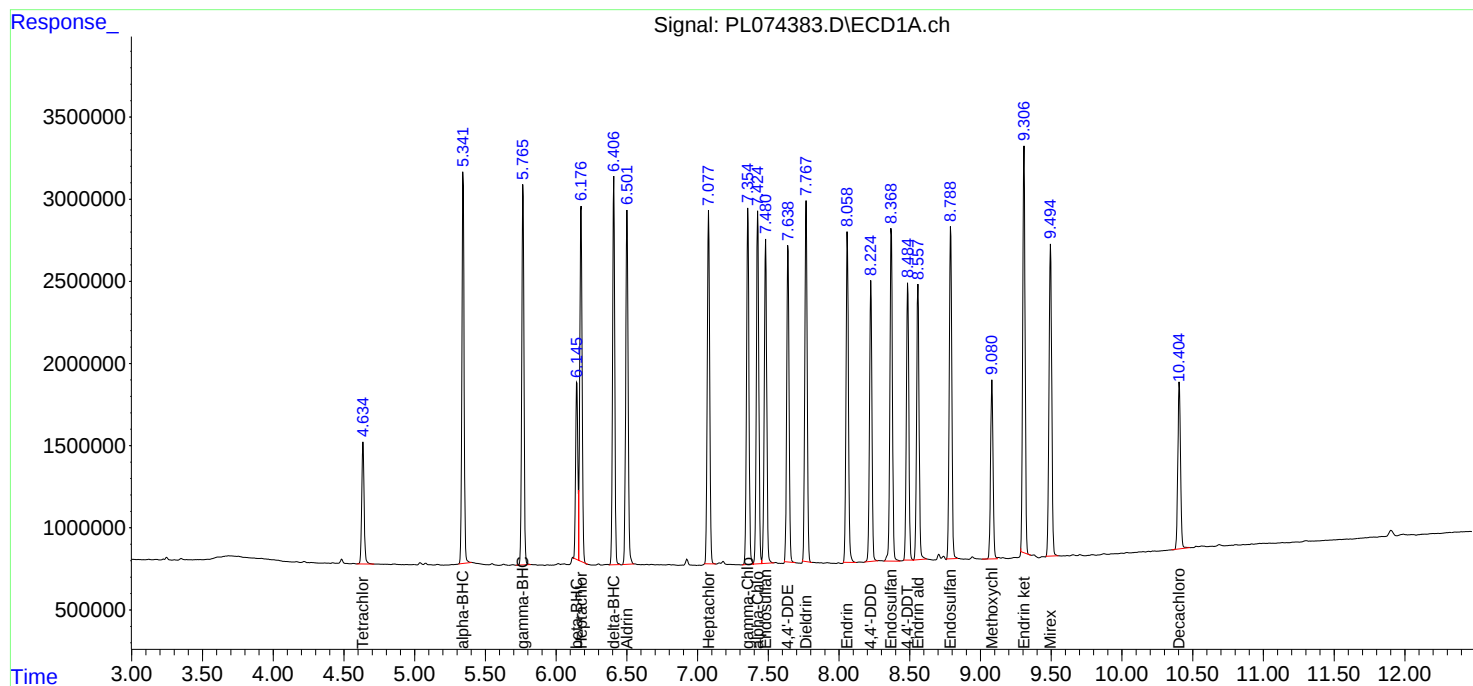
Instrument :
ECD_L
ClientSampleId :
MH-10SMS

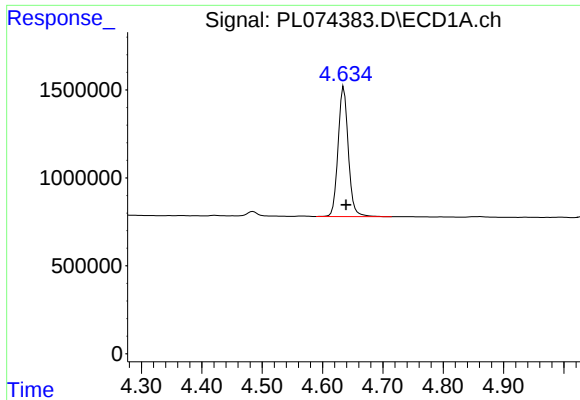
Manual Integrations
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Supervised By :mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 27 00:26:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 2022
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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





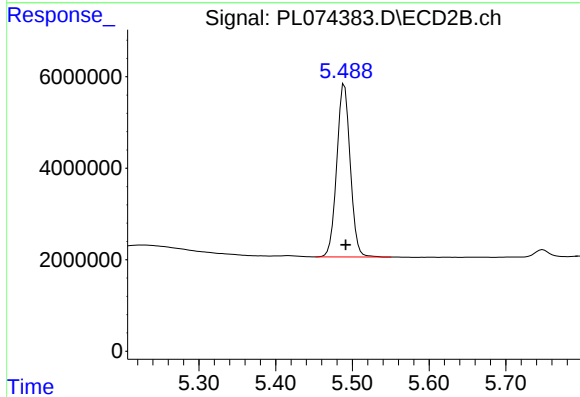
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 8683957
Conc: 26.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

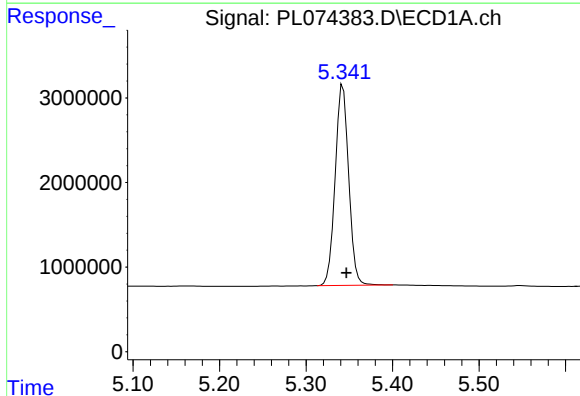
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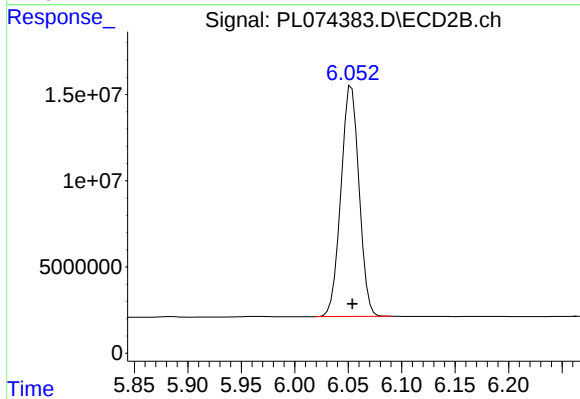
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 46085021
Conc: 25.85 ng/ml



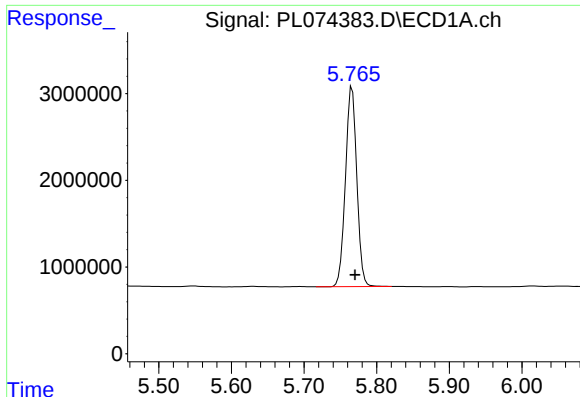
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 25643176
Conc: 61.10 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 158050100
Conc: 62.77 ng/ml



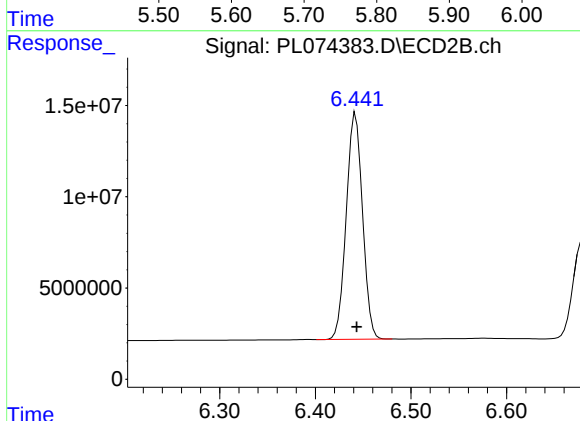
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 25116858
Conc: 59.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

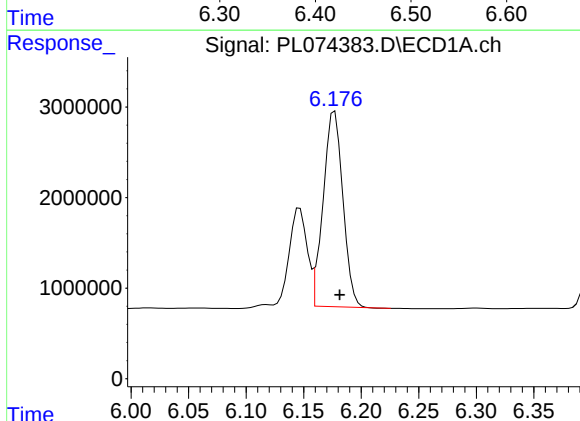
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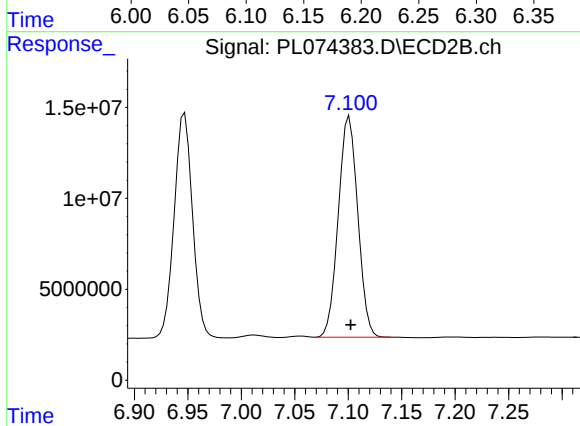
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 147400322
Conc: 62.27 ng/ml



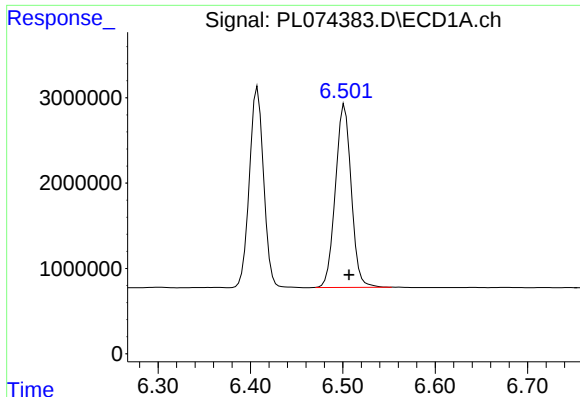
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.004 min
Response: 25585369
Conc: 56.80 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 154369030
Conc: 59.18 ng/ml



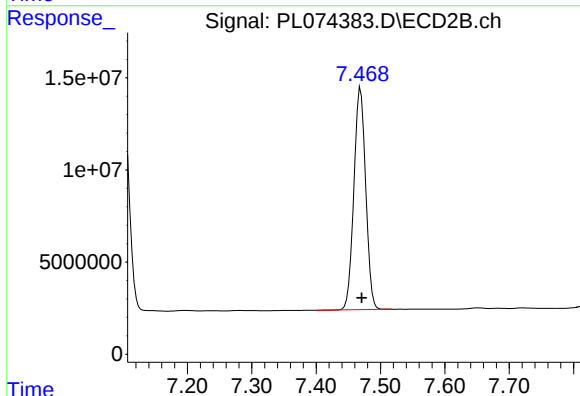
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 25491493
Conc: 61.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

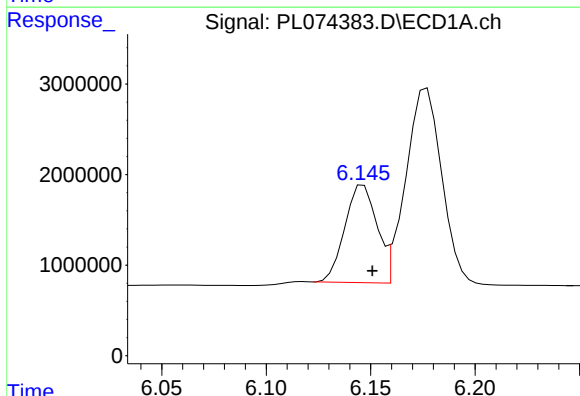
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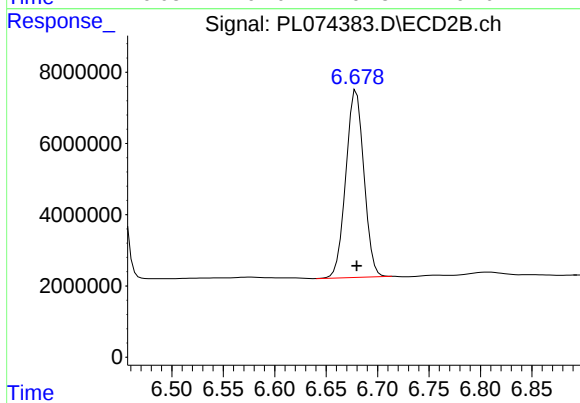
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 153766800
Conc: 65.47 ng/ml



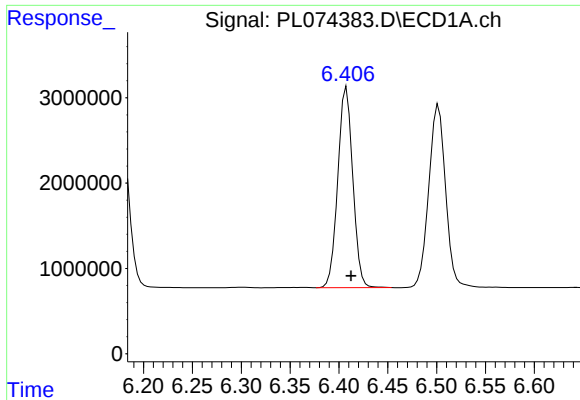
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 11499847
Conc: 56.28 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 64364944
Conc: 57.11 ng/ml



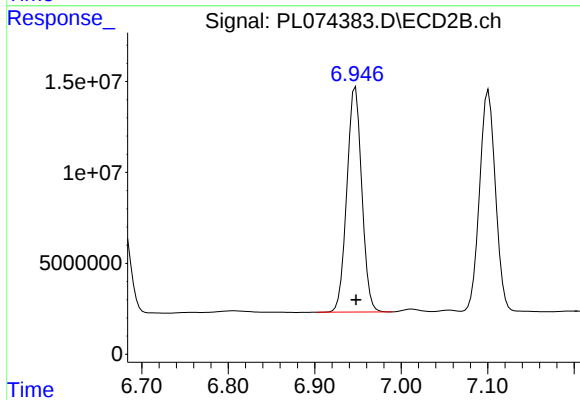
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 25078314
Conc: 60.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

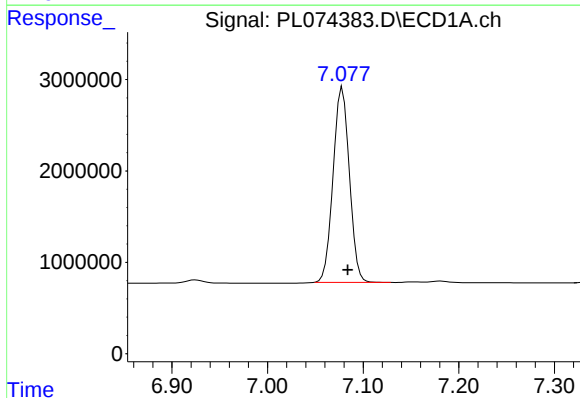
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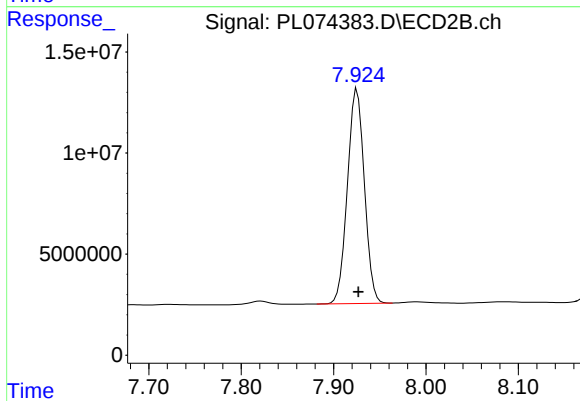
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 147843545
Conc: 60.54 ng/ml



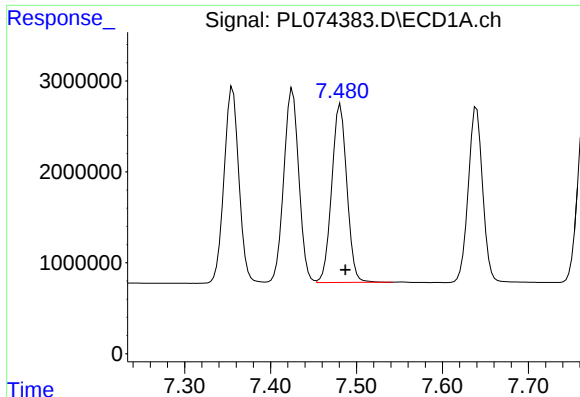
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 25226881
Conc: 58.81 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 135477395
Conc: 60.17 ng/ml



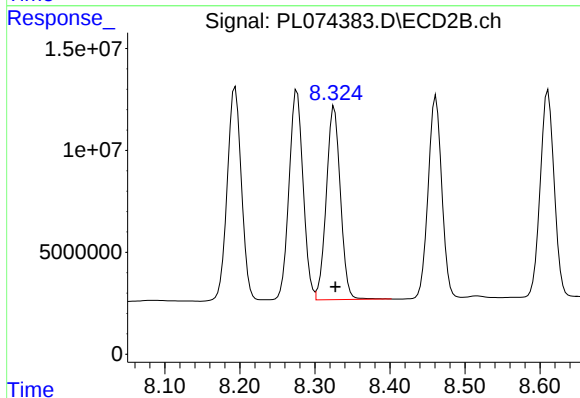
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 23943096
Conc: 58.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

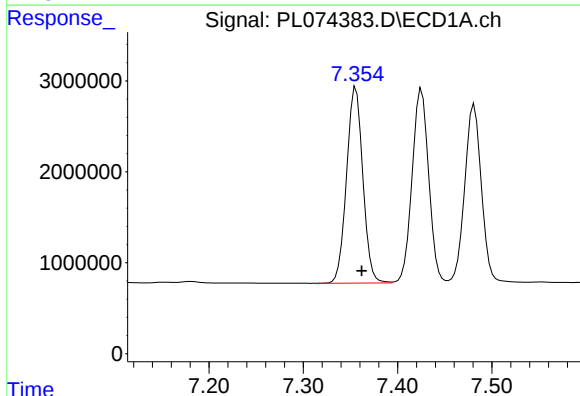
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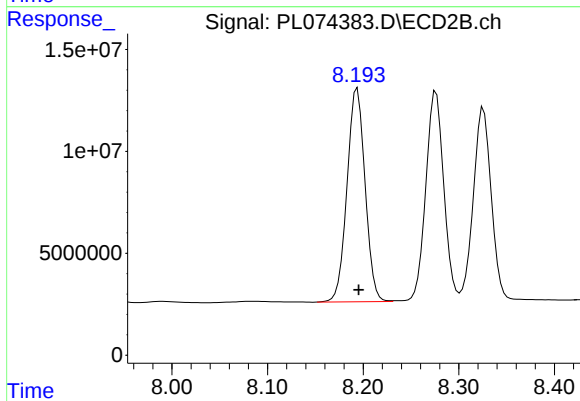
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 124004298
Conc: 62.99 ng/ml



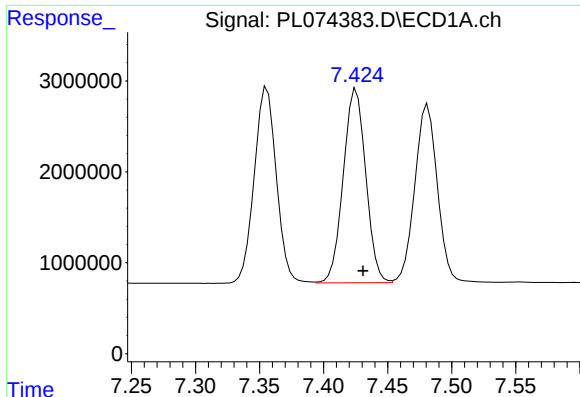
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 25894355
Conc: 59.04 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 137881086
Conc: 61.82 ng/ml



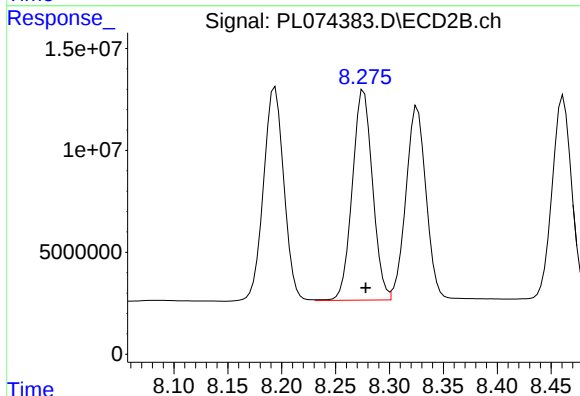
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 26074149
Conc: 59.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

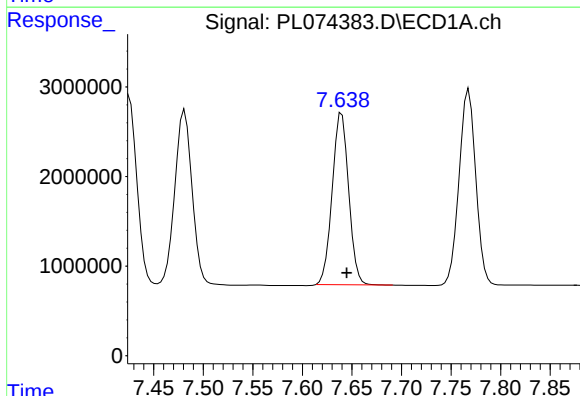
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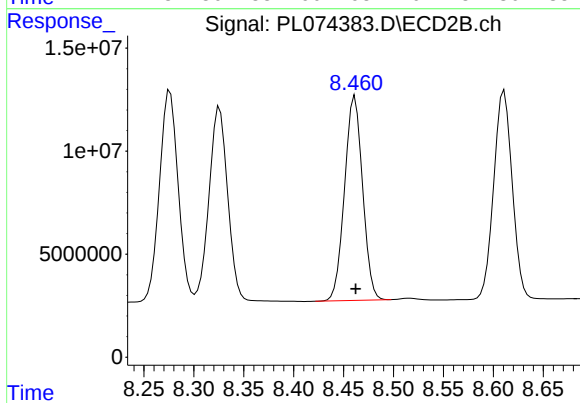
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 134759323
Conc: 62.60 ng/ml



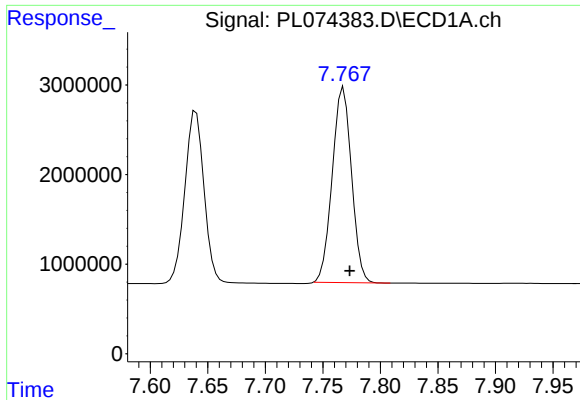
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 22158381
Conc: 60.74 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 124671328
Conc: 62.60 ng/ml



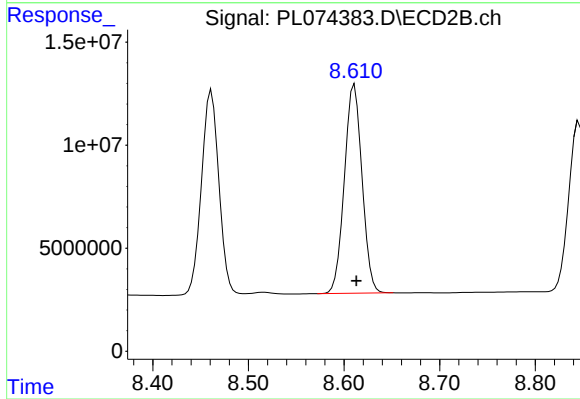
#13 Dieldrin

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 25408571
Conc: 59.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

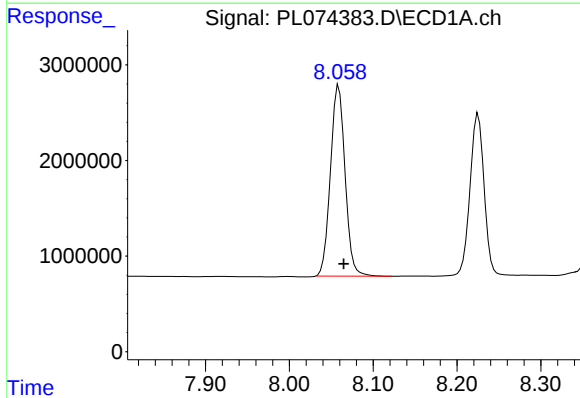
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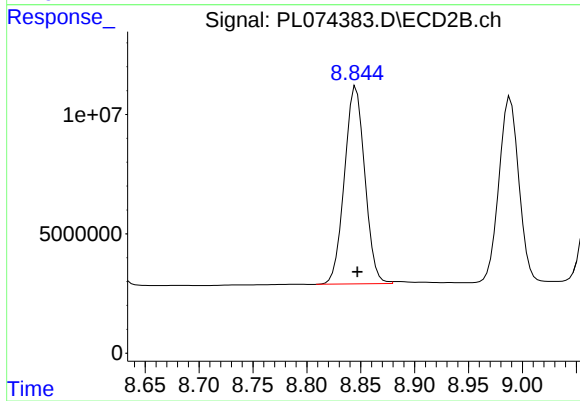
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 130575994
Conc: 65.12 ng/ml



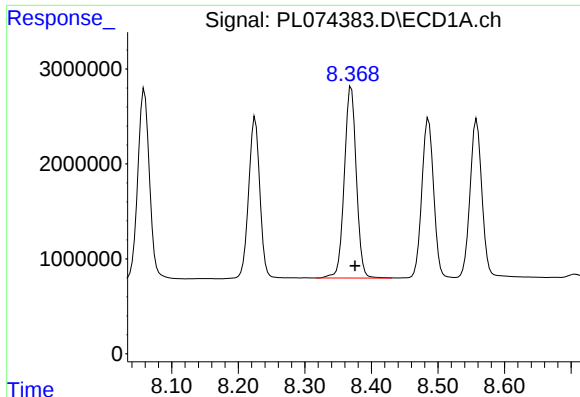
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 24189258
Conc: 59.55 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.002 min
Response: 108782895
Conc: 64.23 ng/ml



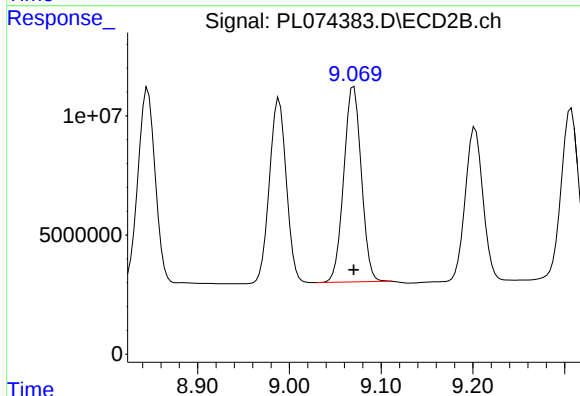
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.006 min
Response: 25342117
Conc: 61.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

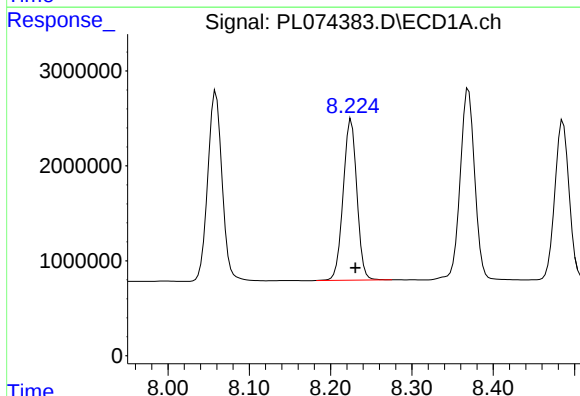
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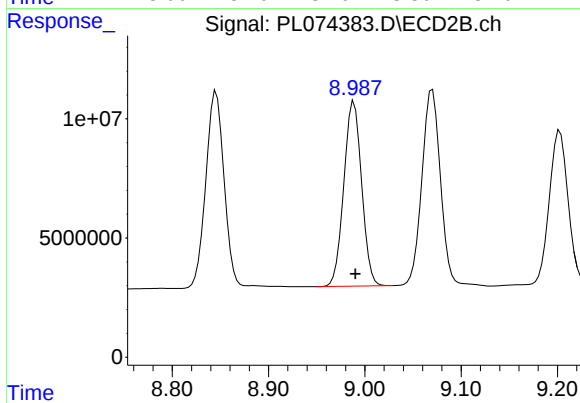
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 108854586
Conc: 62.66 ng/ml



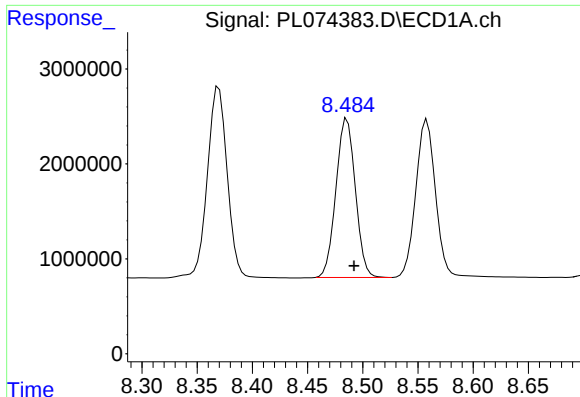
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 19821014
Conc: 61.38 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 99295651
Conc: 64.54 ng/ml



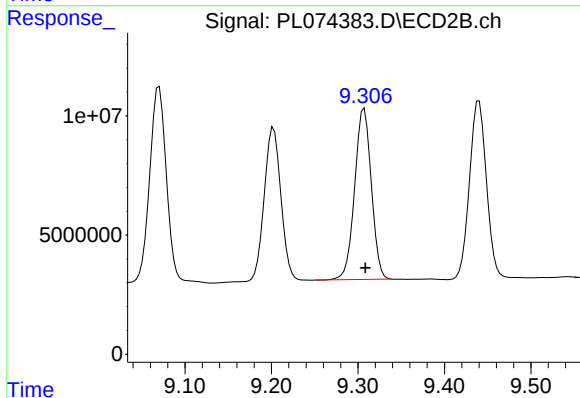
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 20492625
Conc: 55.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

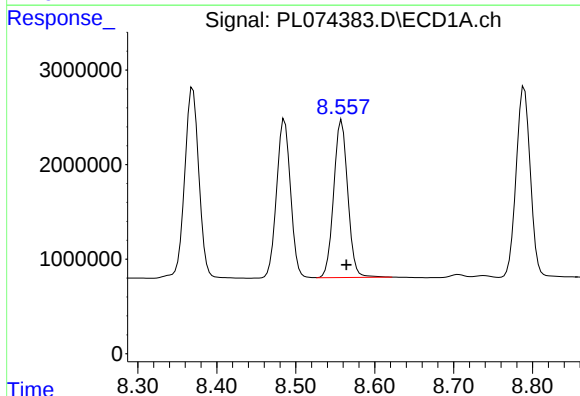
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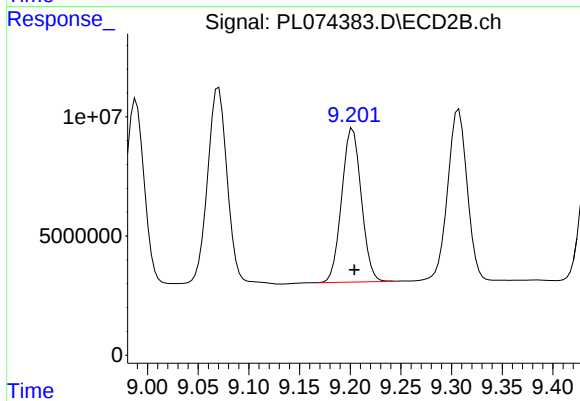
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 96196618
Conc: 54.27 ng/ml



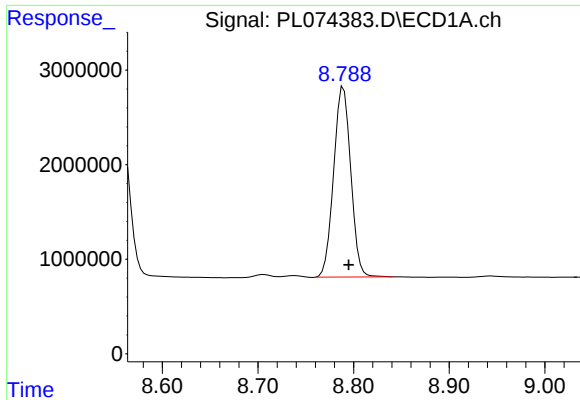
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.006 min
Response: 20613457
Conc: 63.71 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 86708093
Conc: 67.13 ng/ml m



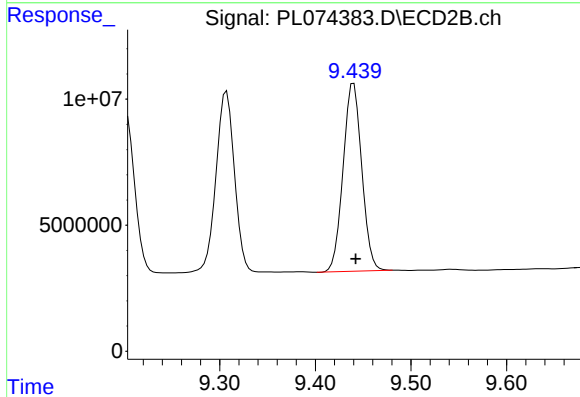
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 25015481
Conc: 58.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

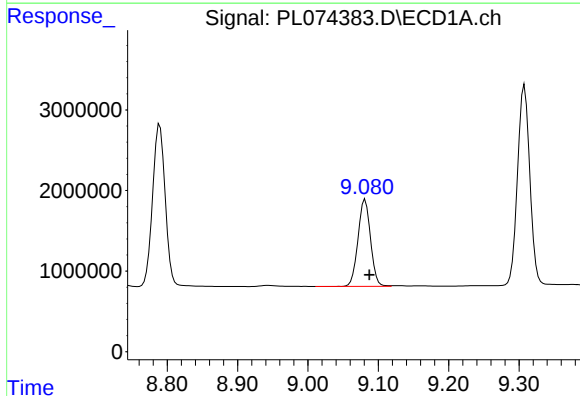
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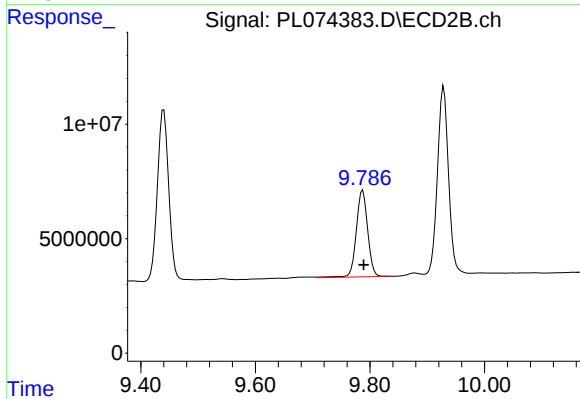
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 101437763
Conc: 60.95 ng/ml



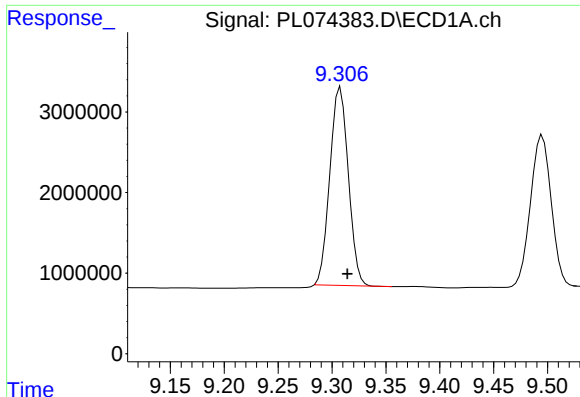
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 13423173
Conc: 54.07 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 52075238
Conc: 54.14 ng/ml



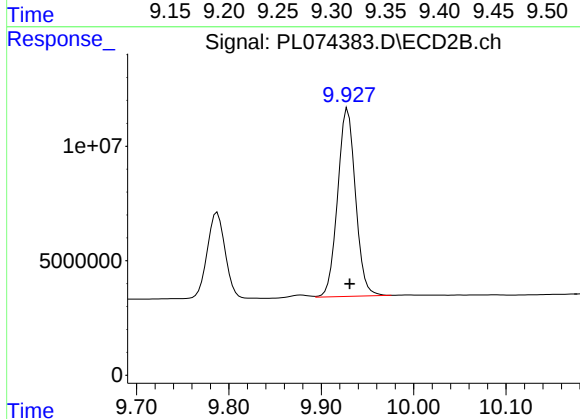
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.006 min
Response: 29315780
Conc: 60.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

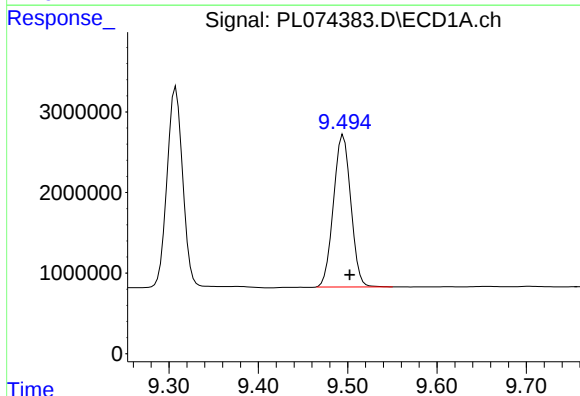
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/27/2022
Supervised By :mohammad ahmed 04/28/2022



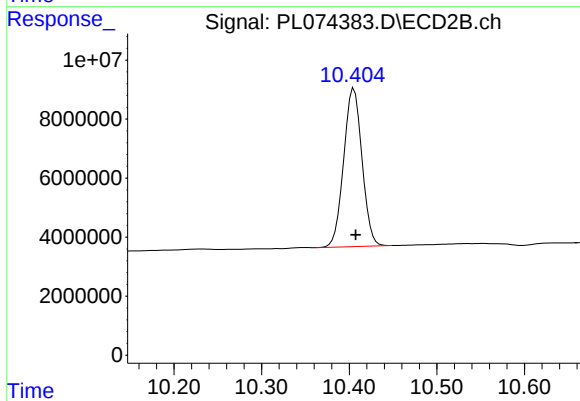
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 110271451
Conc: 63.71 ng/ml



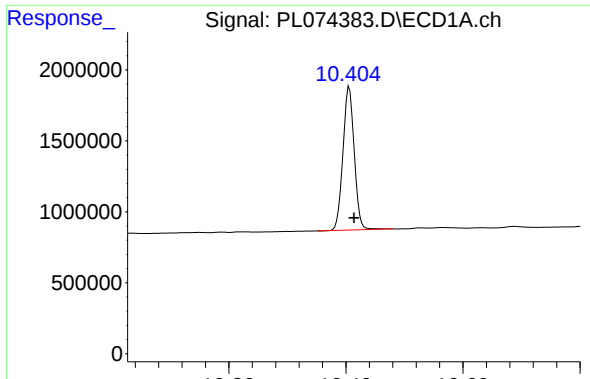
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.007 min
Response: 25448632
Conc: 54.56 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 78027346
Conc: 56.65 ng/ml



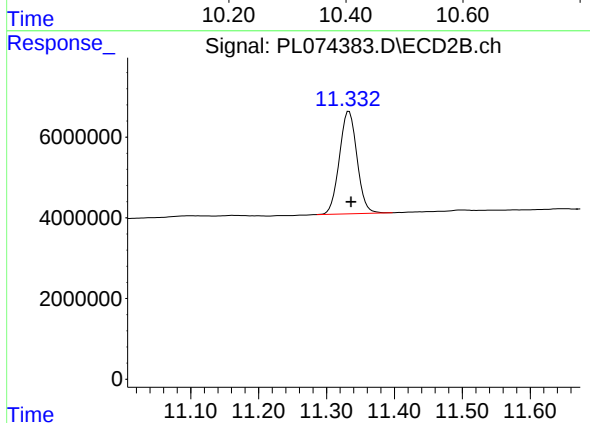
#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.008 min
Response: 13496329
Conc: 25.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10SMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 45811430
Conc: 25.94 ng/ml