

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051722\
 Data File : PL074751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2022 15:19
 Operator : AR\AJ
 Sample : N2863-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P003-SS003-1218-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/18/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 06:44:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.647	4.653	10787942	26997400	21.247	19.670
28)	SA Decachlor...	11.649	10.405	9066619	21394359	20.302	20.844
Target Compounds							
2)	A alpha-BHC	6.231	5.355	45952819	113.2E6	67.168	67.270
3)	MA gamma-BHC...	6.629	5.775	43245086	105.7E6	66.995	63.953
4)	MA Heptachlor	7.285	6.185	40503486	93048015	62.760	61.302
5)	MB Aldrin	7.658	6.510	41753475	99332452	67.401	66.201
6)	B beta-BHC	6.880	6.152	18959281	46302994	63.525	58.318
7)	B delta-BHC	7.151	6.413	41081832	99999101	65.517	63.950
8)	B Heptachlo...	8.126	7.083	37968715	89428608	66.759	64.255
9)	A Endosulfan I	8.534	7.486	36963522	80953931	64.117	64.704
10)	B gamma-Chl...	8.396	7.360	36294004	91582471	70.167m	66.085
11)	B alpha-Chl...	8.478	7.429	40178843	89443761	65.813	66.165
12)	B 4,4'-DDE	8.664	7.641	33533427	80787850	72.437	68.656
13)	MA Dieldrin	8.825	7.771	37317675	88575866	70.999	69.531
14)	MA Endrin	9.066	8.061	27670002	70971069	67.052	67.188
15)	B Endosulfa...	9.299	8.371	32000511	75661086	72.793	66.980
16)	A 4,4'-DDD	9.206	8.225	30388015	67968320	67.212	68.994
17)	MA 4,4'-DDT	9.525	8.486	27668083	66679676	60.196	66.645
18)	B Endrin al...	9.434	8.558	26529150	57399128	74.958	71.867m
19)	B Endosulfa...	9.673	8.790	30320285	78218315	67.084	71.856
20)	A Methoxychlor	10.012	9.079	14465371	35606667	59.063	60.929m
21)	B Endrin ke...	10.174	9.308	35051002	82343678	68.347m	73.858
22)	Mirex	10.650	9.497	25895954	61375139	64.177	63.365

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

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 Data File : PL074751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2022 15:19
 Operator : AR\AJ
 Sample : N2863-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

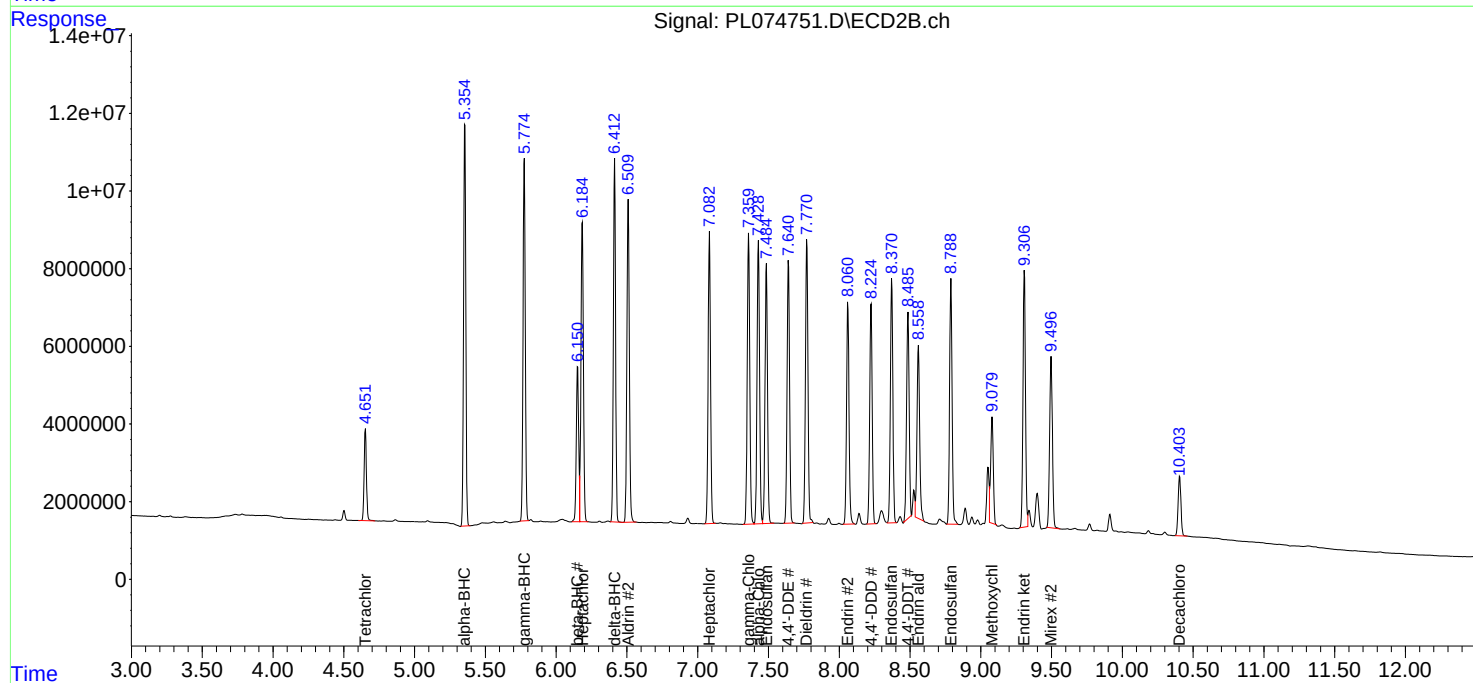
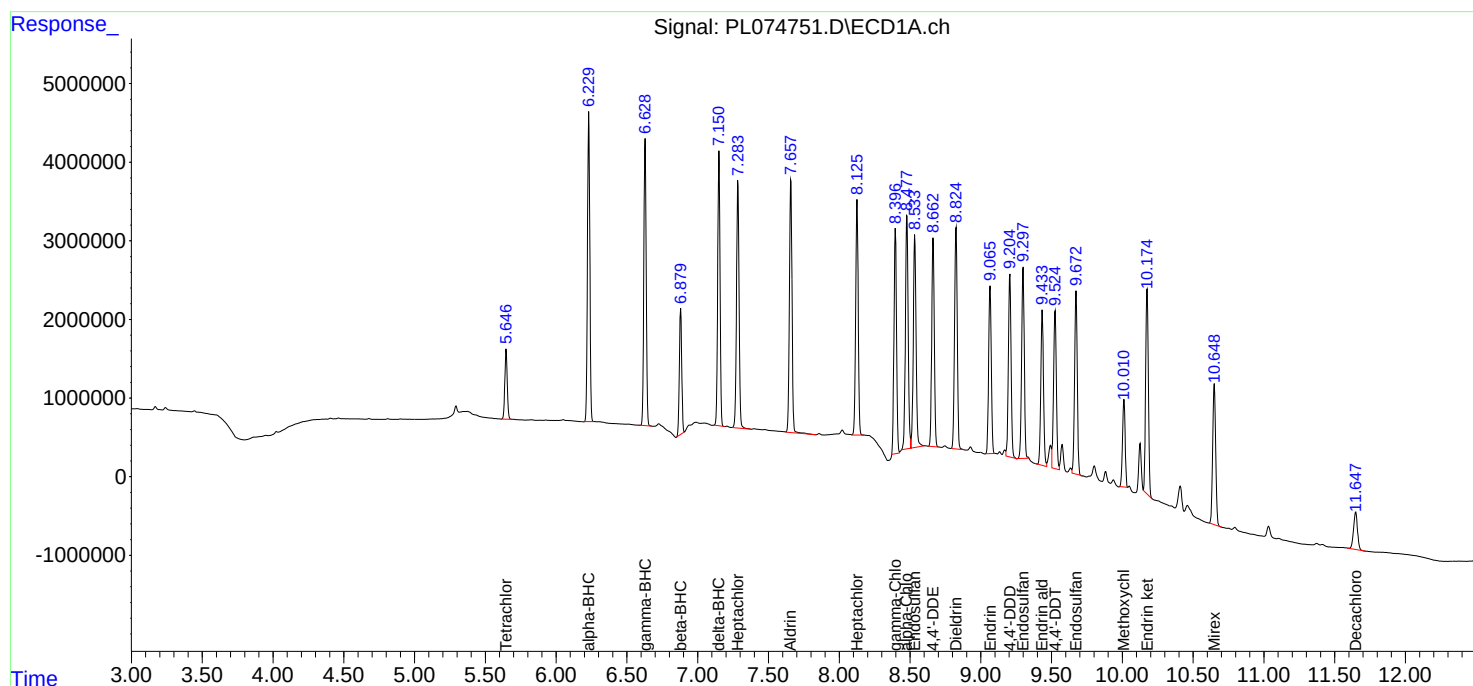
Instrument :
 ECD_L
 ClientSampleId :
 P003-SS003-1218-01MS

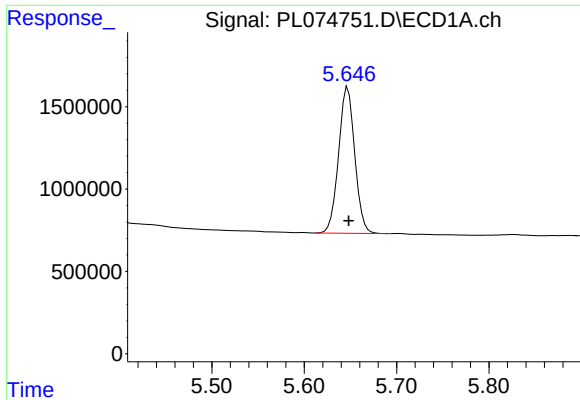
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 06:44:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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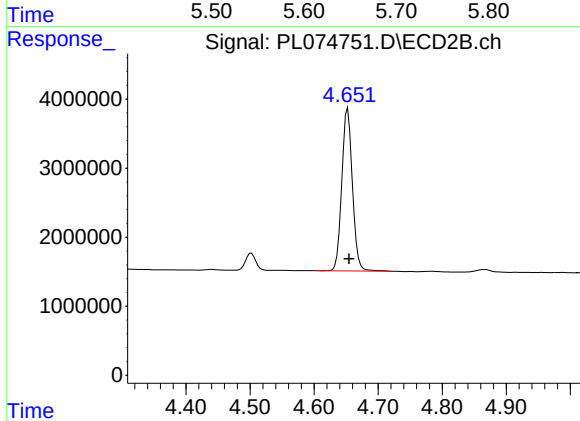
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 10787942
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

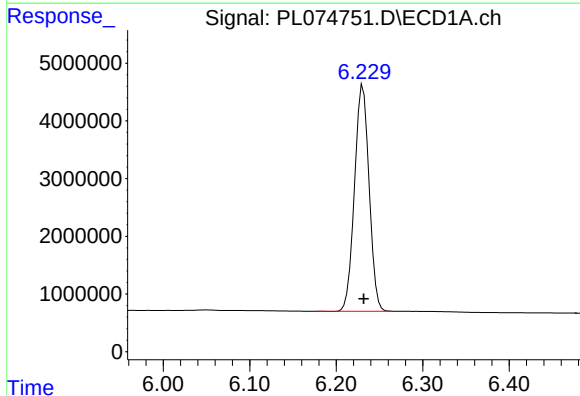
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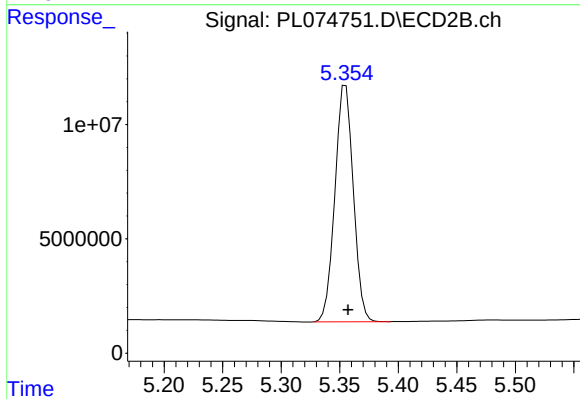
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 26997400
Conc: 19.67 ng/ml



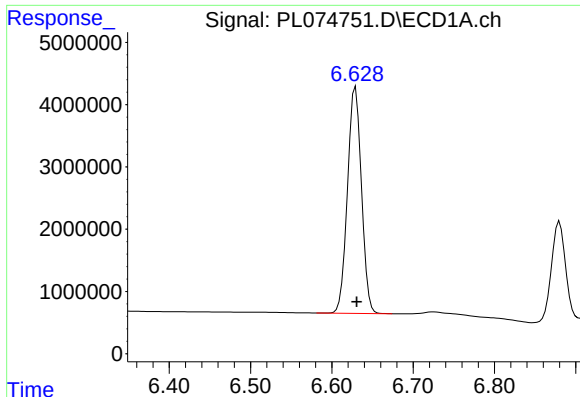
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 45952819
Conc: 67.17 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 113209164
Conc: 67.27 ng/ml



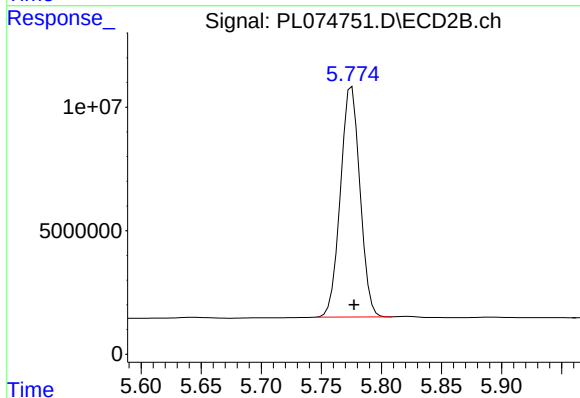
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 43245086
Conc: 67.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

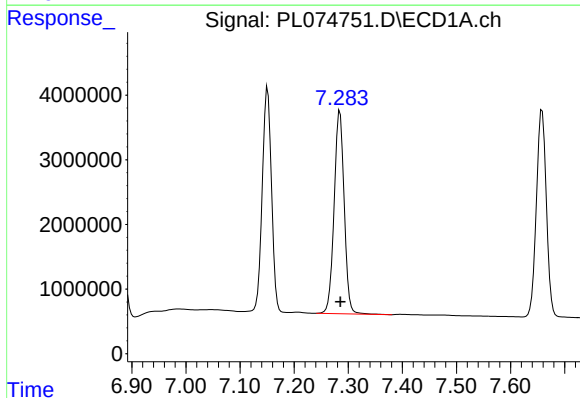
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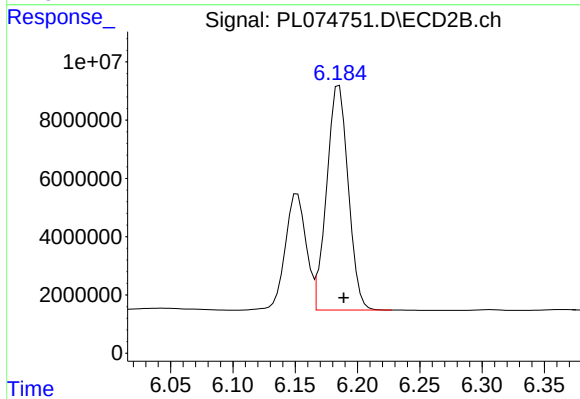
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 105675709
Conc: 63.95 ng/ml



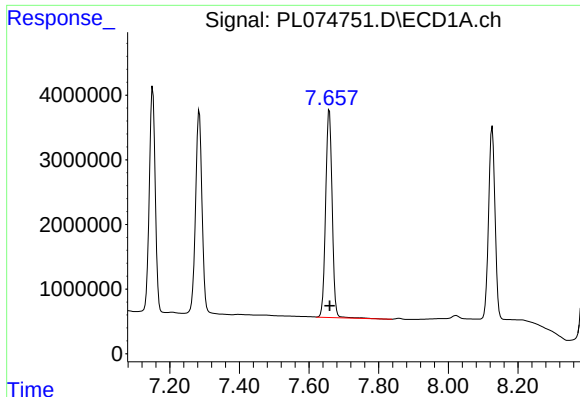
#4 Heptachlor

R.T.: 7.285 min
Delta R.T.: -0.001 min
Response: 40503486
Conc: 62.76 ng/ml



#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 93048015
Conc: 61.30 ng/ml



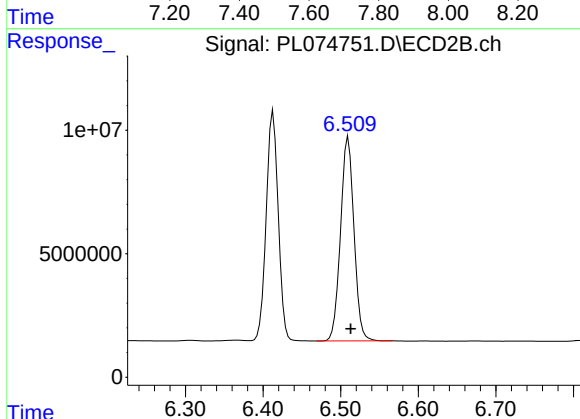
#5 Aldrin

R.T.: 7.658 min
Delta R.T.: -0.001 min
Response: 41753475
Conc: 67.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

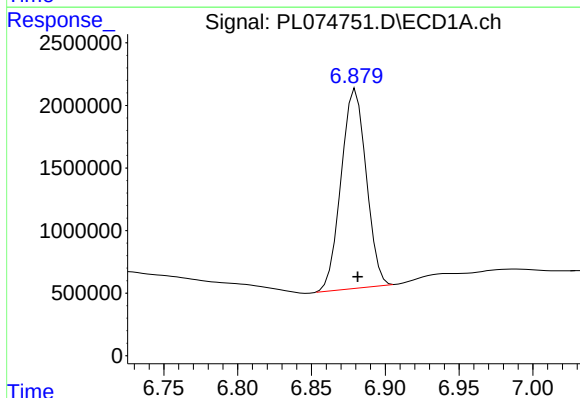
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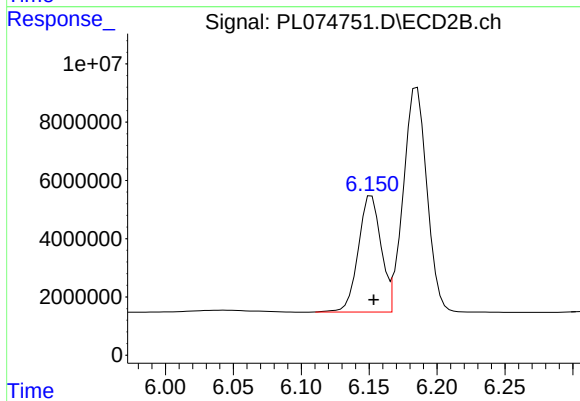
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 99332452
Conc: 66.20 ng/ml



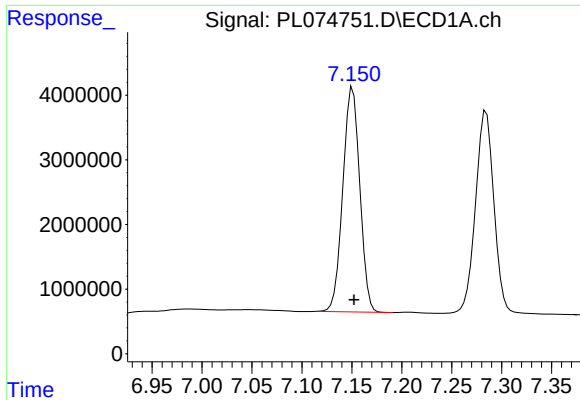
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.001 min
Response: 18959281
Conc: 63.52 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 46302994
Conc: 58.32 ng/ml



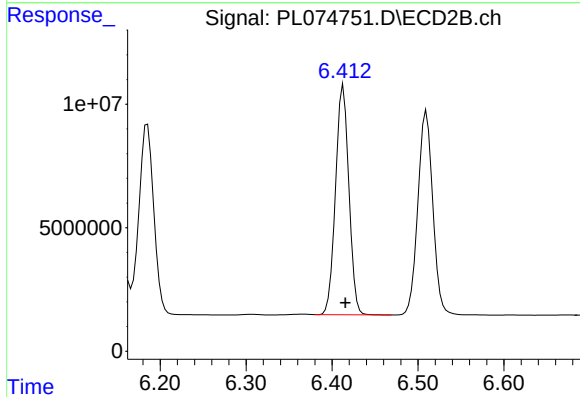
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: -0.001 min
Response: 41081832
Conc: 65.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

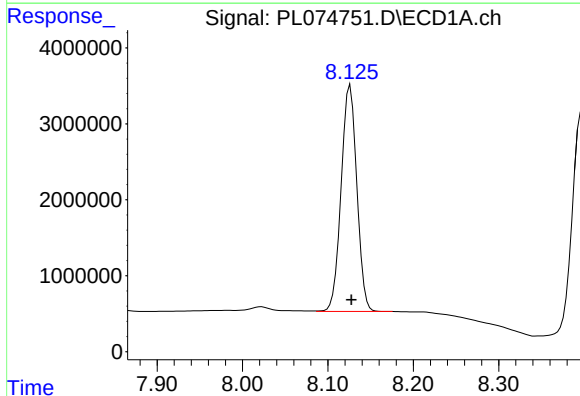
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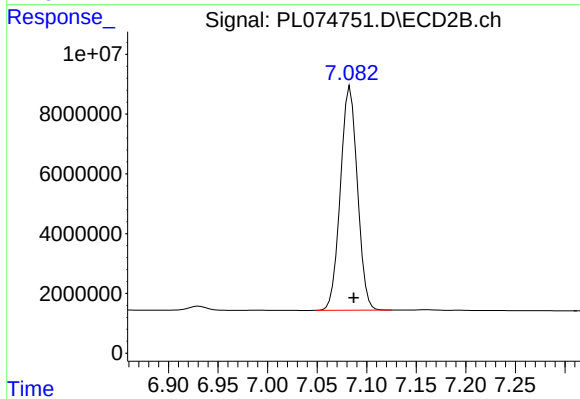
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 99999101
Conc: 63.95 ng/ml



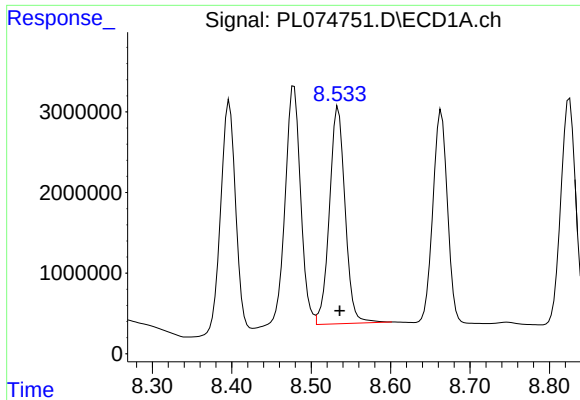
#8 Heptachlor epoxide

R.T.: 8.126 min
Delta R.T.: -0.001 min
Response: 37968715
Conc: 66.76 ng/ml



#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: -0.003 min
Response: 89428608
Conc: 64.25 ng/ml



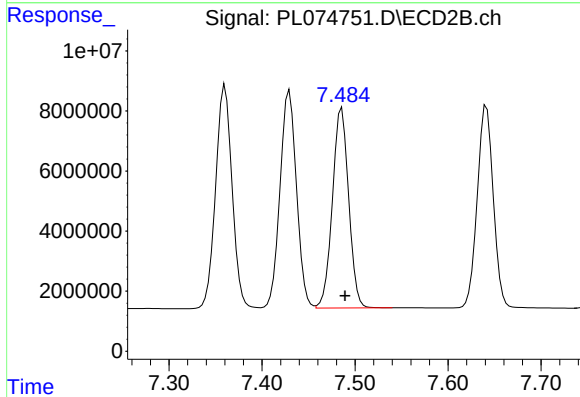
#9 Endosulfan I

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 36963522
Conc: 64.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

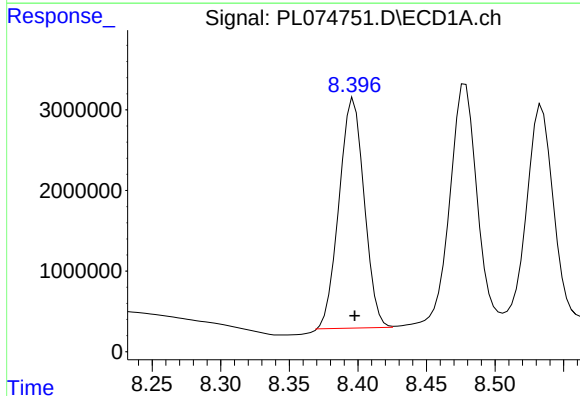
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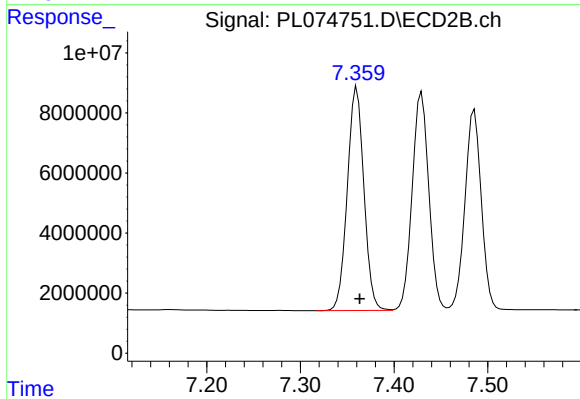
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 80953931
Conc: 64.70 ng/ml



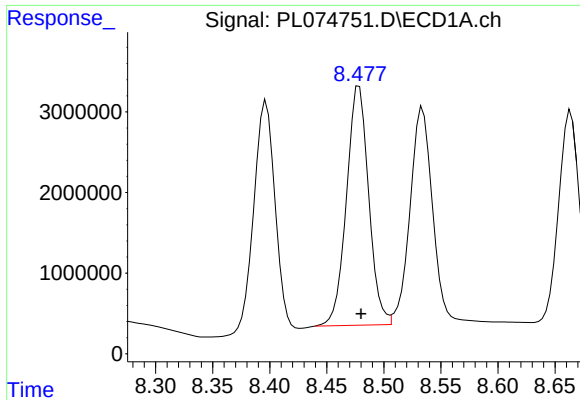
#10 gamma-Chlordane

R.T.: 8.396 min
Delta R.T.: -0.002 min
Response: 36294004
Conc: 70.17 ng/ml m



#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.003 min
Response: 91582471
Conc: 66.08 ng/ml



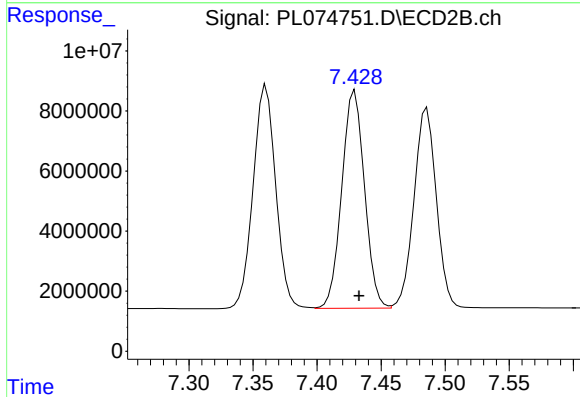
#11 alpha-Chlordane

R.T.: 8.478 min
Delta R.T.: -0.001 min
Response: 40178843
Conc: 65.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
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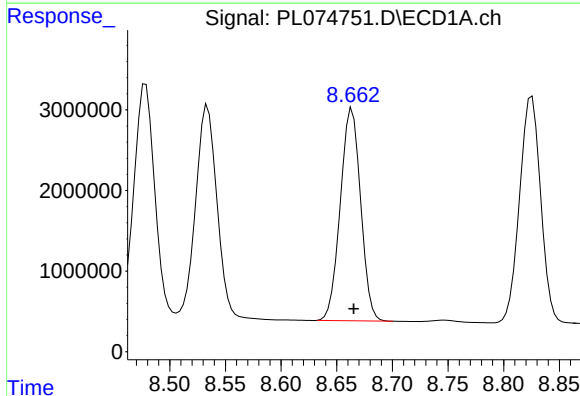
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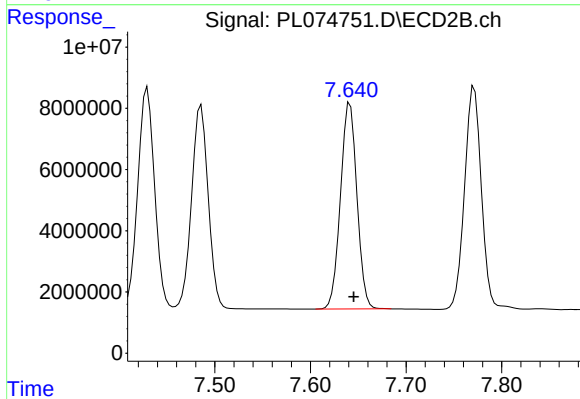
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.003 min
Response: 89443761
Conc: 66.16 ng/ml



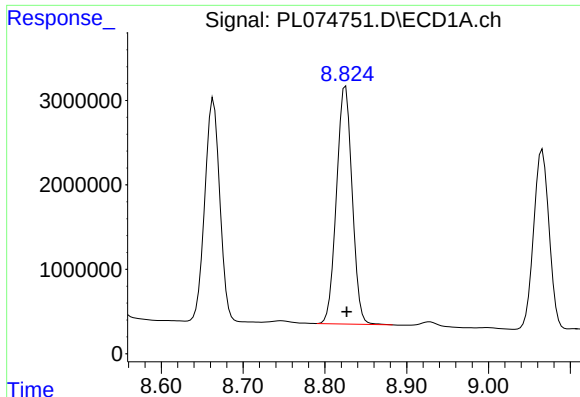
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 33533427
Conc: 72.44 ng/ml



#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 80787850
Conc: 68.66 ng/ml



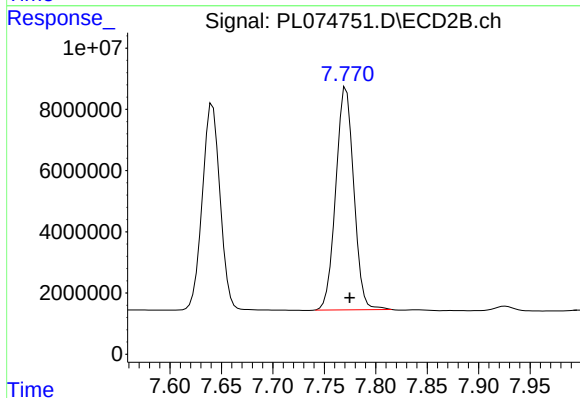
#13 Dieldrin

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 37317675
Conc: 71.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

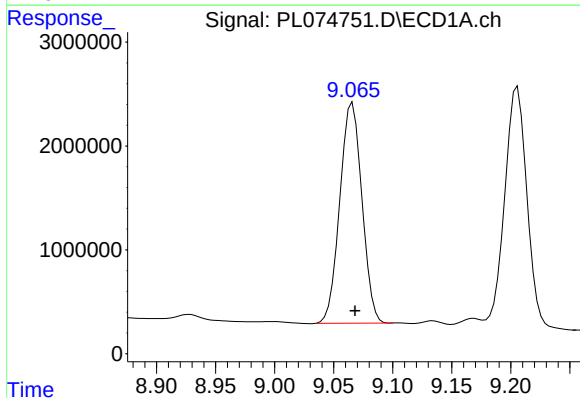
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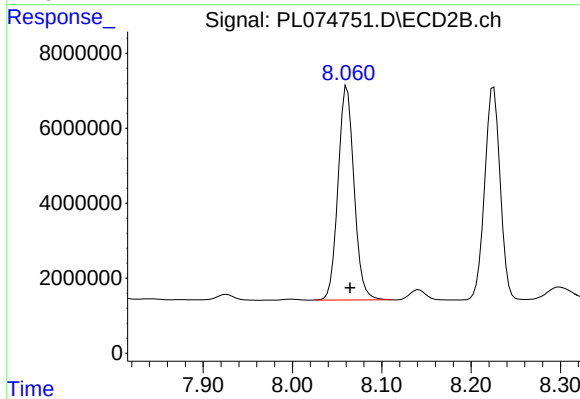
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 88575866
Conc: 69.53 ng/ml



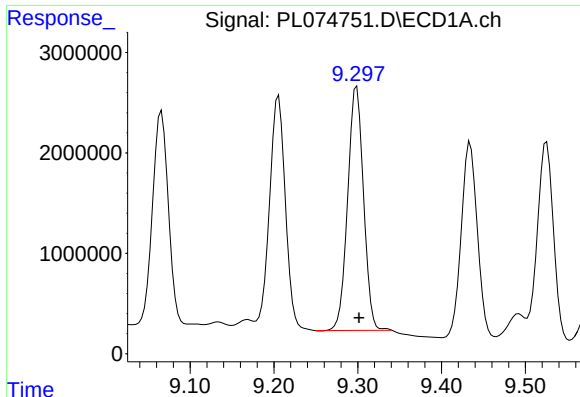
#14 Endrin

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 27670002
Conc: 67.05 ng/ml



#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 70971069
Conc: 67.19 ng/ml



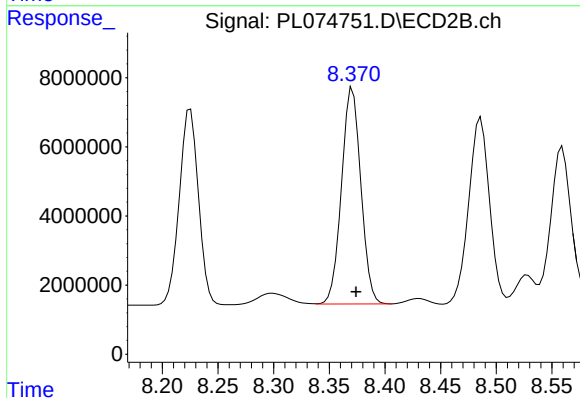
#15 Endosulfan II

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 32000511
Conc: 72.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

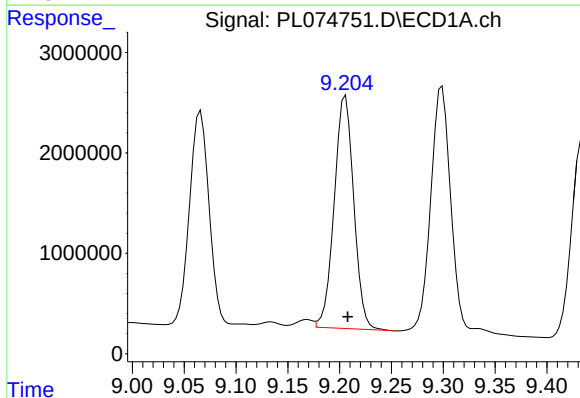
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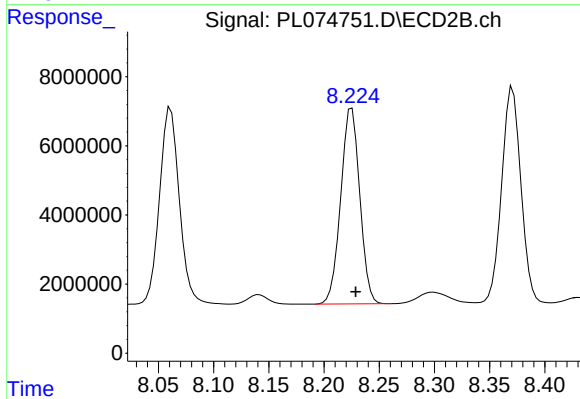
#15 Endosulfan II

R.T.: 8.371 min
Delta R.T.: -0.003 min
Response: 75661086
Conc: 66.98 ng/ml



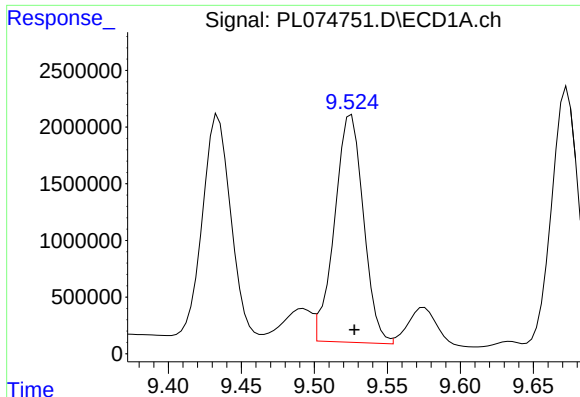
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 30388015
Conc: 67.21 ng/ml



#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 67968320
Conc: 68.99 ng/ml



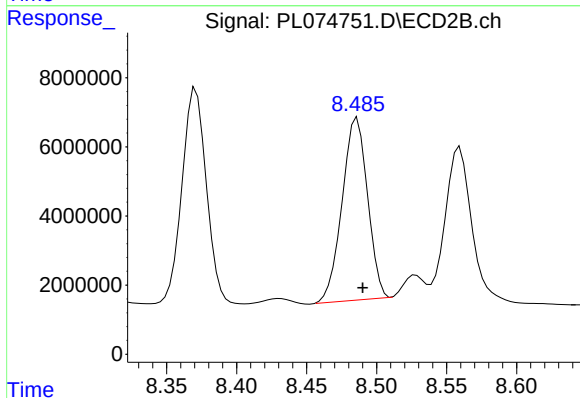
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.002 min
Response: 27668083
Conc: 60.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

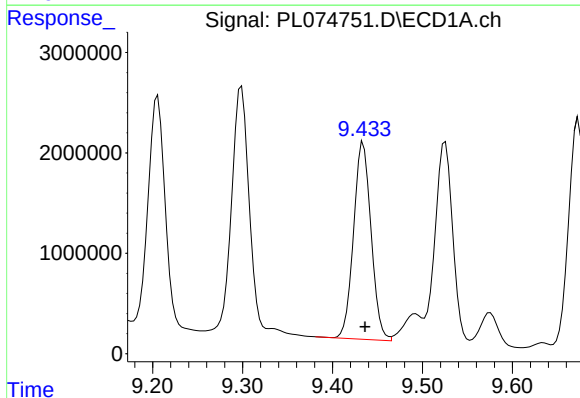
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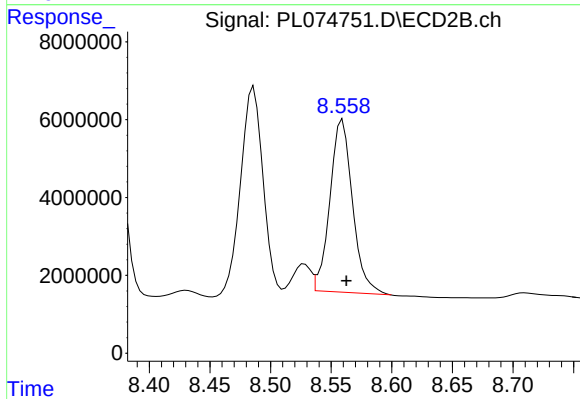
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.004 min
Response: 66679676
Conc: 66.65 ng/ml



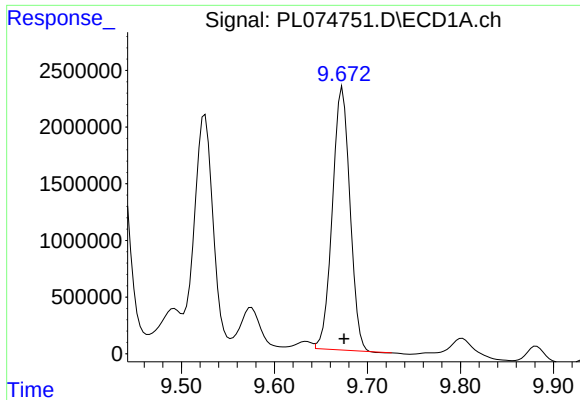
#18 Endrin aldehyde

R.T.: 9.434 min
Delta R.T.: -0.002 min
Response: 26529150
Conc: 74.96 ng/ml



#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.004 min
Response: 57399128
Conc: 71.87 ng/ml m



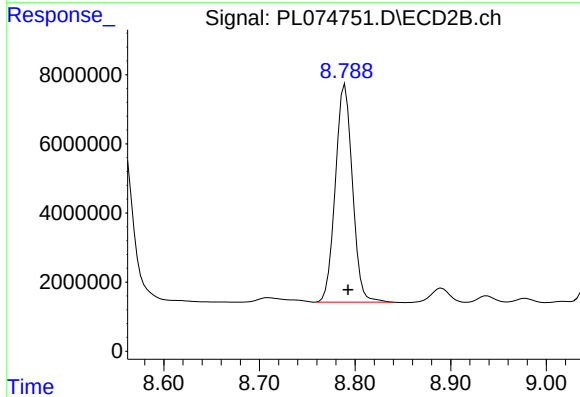
#19 Endosulfan Sulfate

R.T.: 9.673 min
Delta R.T.: -0.002 min
Response: 30320285
Conc: 67.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

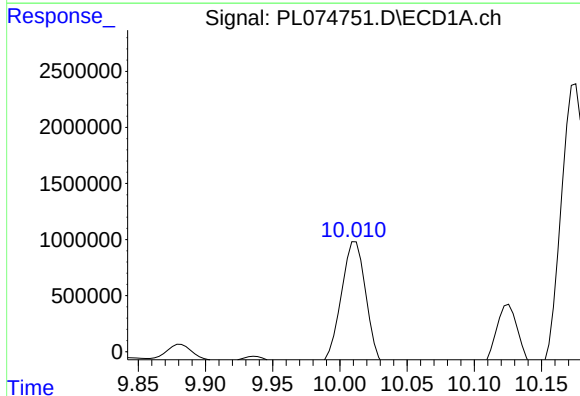
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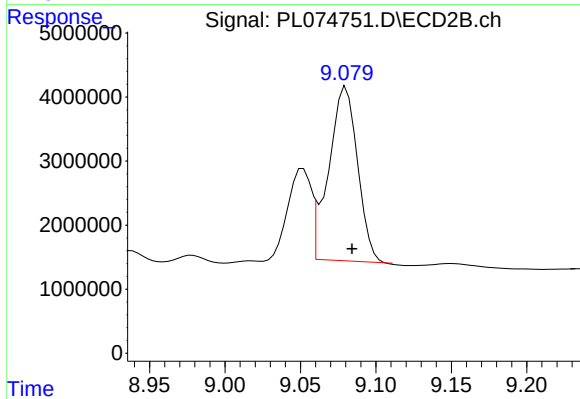
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 78218315
Conc: 71.86 ng/ml



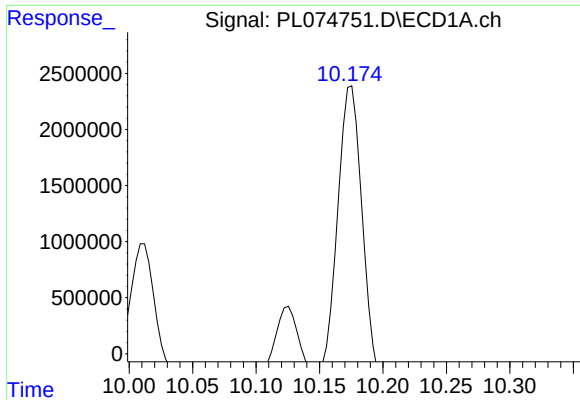
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: -0.001 min
Response: 14465371
Conc: 59.06 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 35606667
Conc: 60.93 ng/ml m



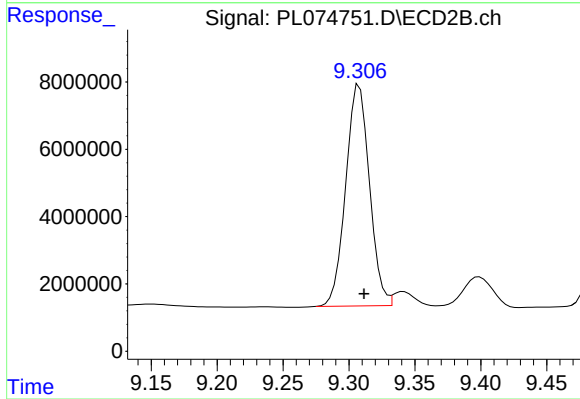
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.003 min
Response: 35051002
Conc: 68.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

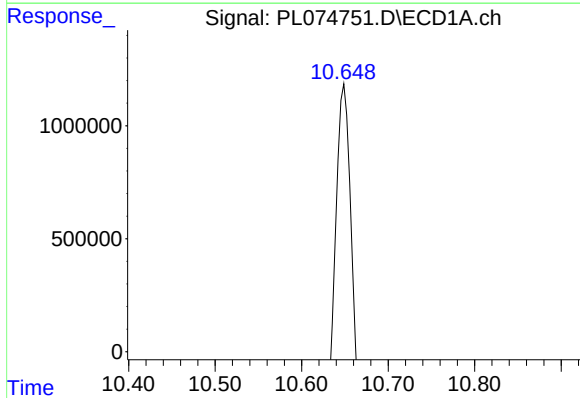
Manual Integrations
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Reviewed By :Abdul Mirza 05/18/2022
Supervised By :mohammad ahmed 05/19/2022



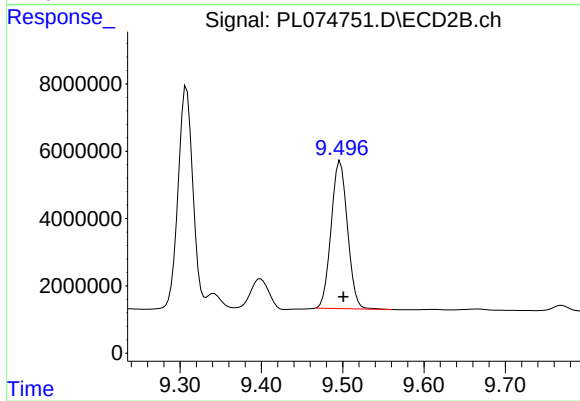
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.004 min
Response: 82343678
Conc: 73.86 ng/ml



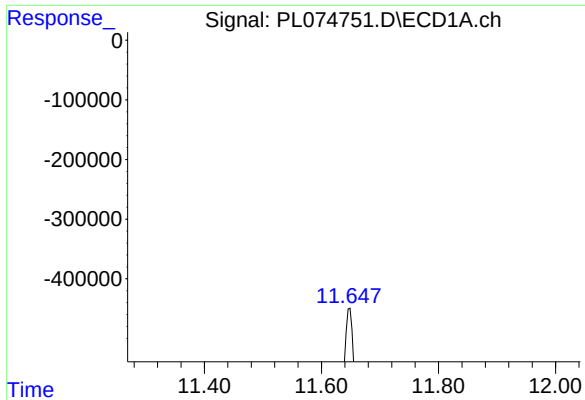
#22 Mirex

R.T.: 10.650 min
Delta R.T.: -0.002 min
Response: 25895954
Conc: 64.18 ng/ml



#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.004 min
Response: 61375139
Conc: 63.37 ng/ml



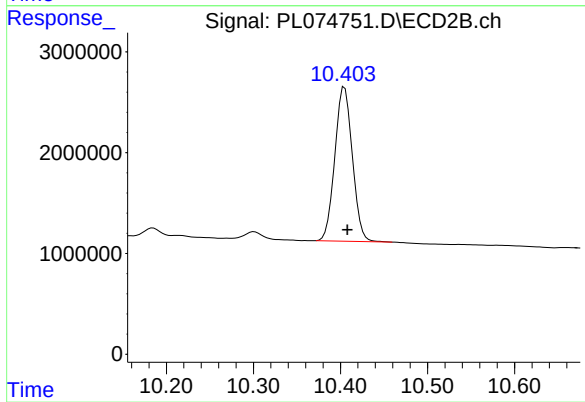
#28 Decachlorobiphenyl

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 9066619
Conc: 20.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/18/2022
Supervised By :mohammad ahmed 05/19/2022



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 21394359
Conc: 20.84 ng/ml