

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 16:15
 Operator : AR\AJ
 Sample : N2557-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-CUTTINGSMS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 23:26:39 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	6779902	36837411	20.983	20.661
28)	SA Decachlor...	10.406	11.333	10938854	38311967	21.035	21.691
Target Compounds							
2)	A alpha-BHC	5.343	6.052	27337583	165.0E6	65.142	65.535
3)	MA gamma-BHC...	5.767	6.442	26775879	152.6E6	63.844	64.453
4)	MA Heptachlor	6.175	7.101	26806922	155.9E6	59.510m	59.768
5)	MB Aldrin	6.502	7.469	26677581	155.4E6	64.276	66.183
6)	B beta-BHC	6.146	6.679	13350467	66085503	65.339m	58.637
7)	B delta-BHC	6.409	6.947	27040220	160.0E6	65.366	65.501
8)	B Heptachlo...	7.079	7.926	26927836	141.3E6	62.778	62.745
9)	A Endosulfan I	7.482	8.327	25498055	129.3E6	62.172	65.666
10)	B gamma-Chl...	7.357	8.194	27412462	142.8E6	62.501	64.035
11)	B alpha-Chl...	7.426	8.277	27676364	139.8E6	62.648	64.929
12)	B 4,4'-DDE	7.640	8.462	23853169	136.7E6	65.384	68.618
13)	MA Dieldrin	7.768	8.611	27327589	138.8E6	63.616	69.213
14)	MA Endrin	8.059	8.846	25251032	114.6E6	62.159	67.643
15)	B Endosulfa...	8.371	9.070	26673179	116.8E6	64.716	67.212
16)	A 4,4'-DDD	8.226	8.989	22028067	109.5E6	68.214	71.184
17)	MA 4,4'-DDT	8.486	9.308	21066135	101.2E6	56.991	57.067
18)	B Endrin al...	8.559	9.203	22284238	94434618	68.873	73.113
19)	B Endosulfa...	8.790	9.441	26869116	110.3E6	62.922	66.286
20)	A Methoxychlor	9.081	9.788	13429579	52745274	54.093	54.838
21)	B Endrin ke...	9.309	9.929	32533708	119.5E6	66.592	69.052
22)	Mirex	9.496	10.406	26994259	84502288	57.878	61.349

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 16:15
 Operator : AR\AJ
 Sample : N2557-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

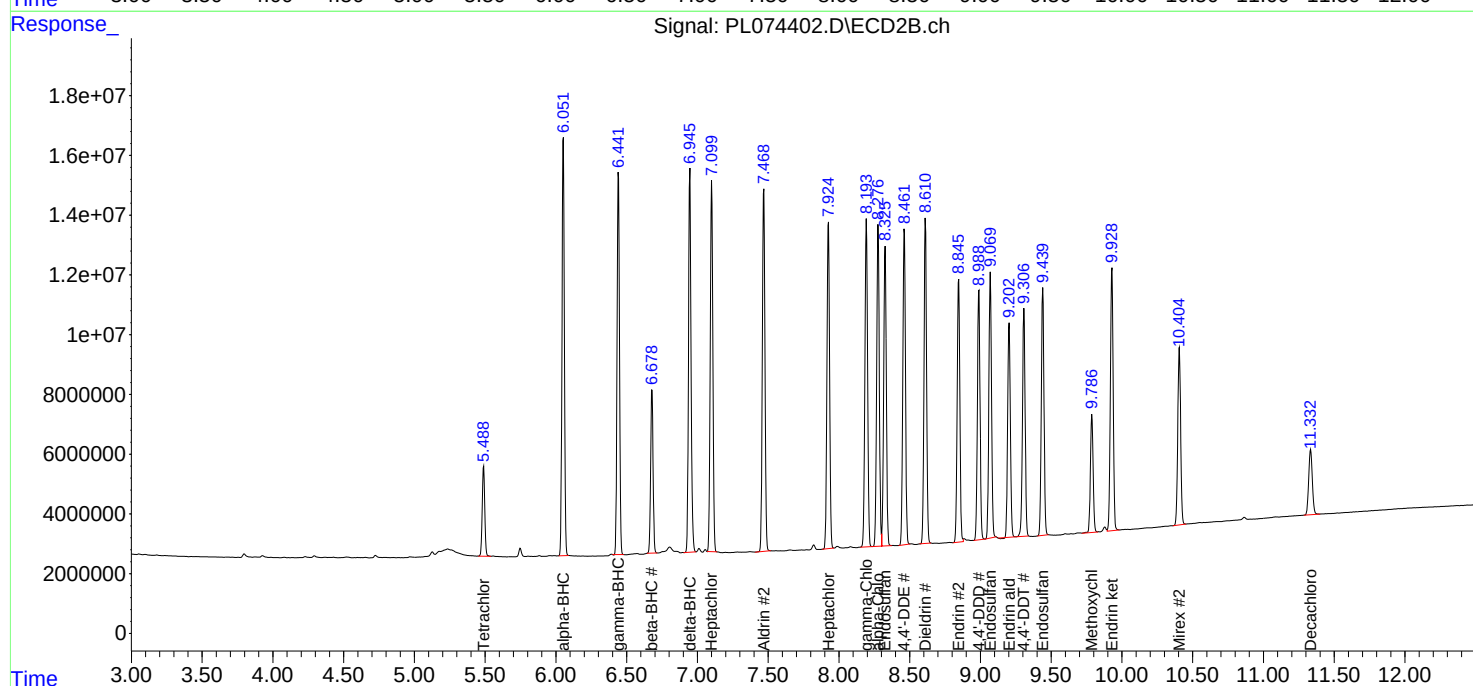
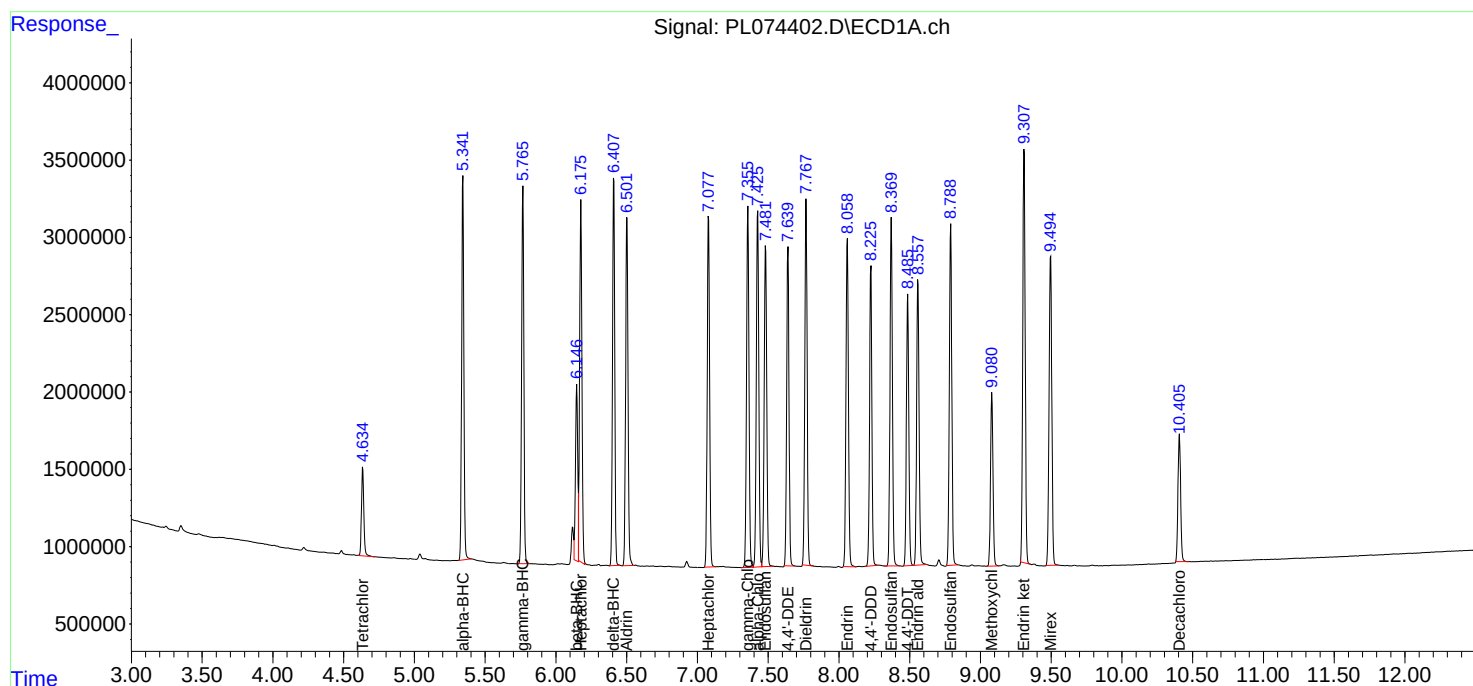
Instrument :
 ECD_L
 ClientSampleId :
 SOIL-CUTTINGSMS

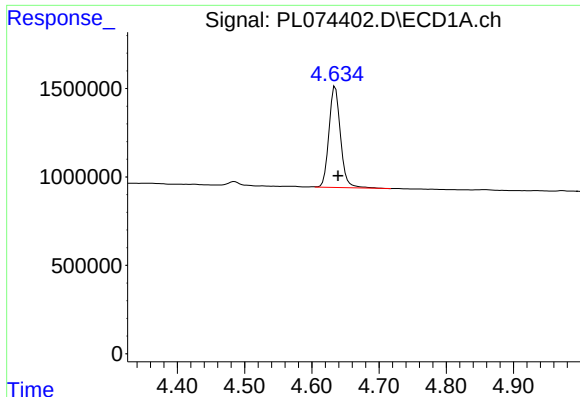
Manual Integrations APPROVED

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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 23:26:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





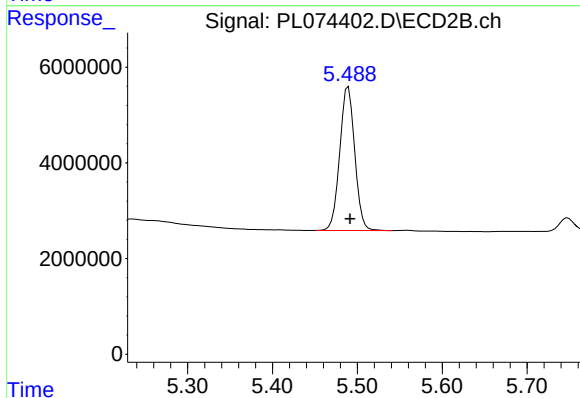
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 6779902
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

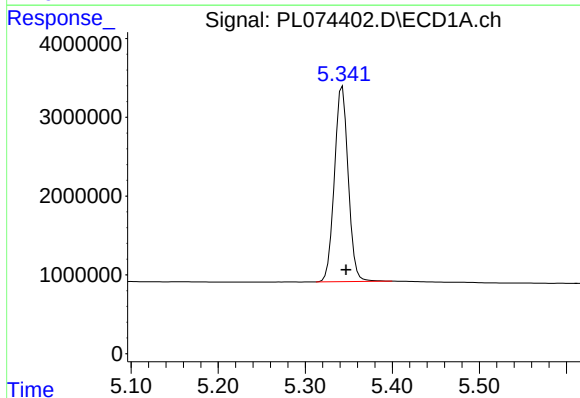
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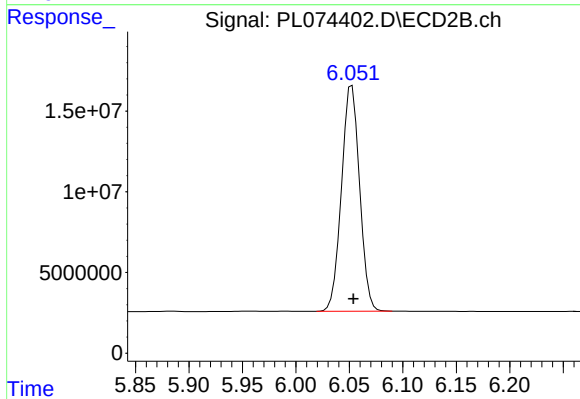
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 36837411
Conc: 20.66 ng/ml



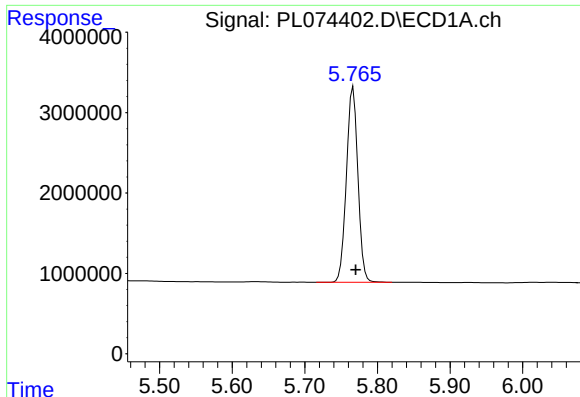
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 27337583
Conc: 65.14 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 165023254
Conc: 65.54 ng/ml



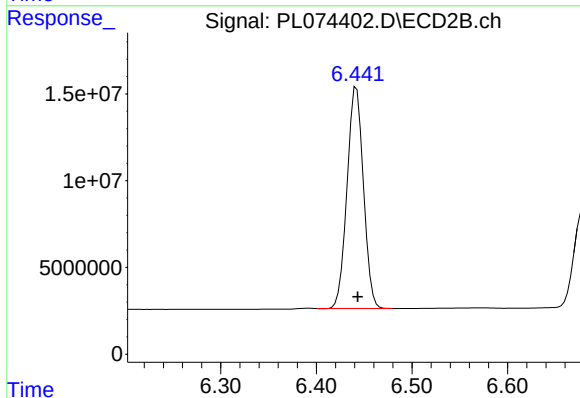
#3 gamma-BHC (Lindane)

R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 26775879
Conc: 63.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

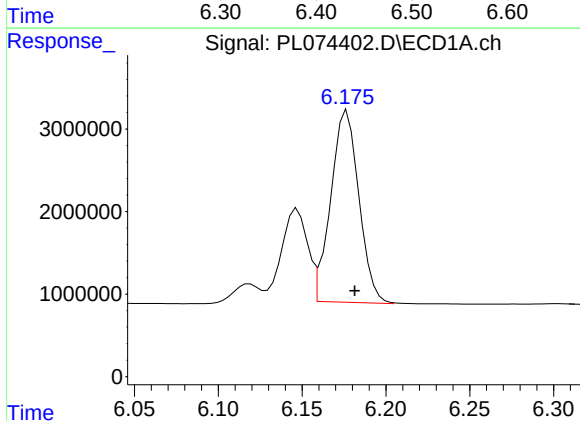
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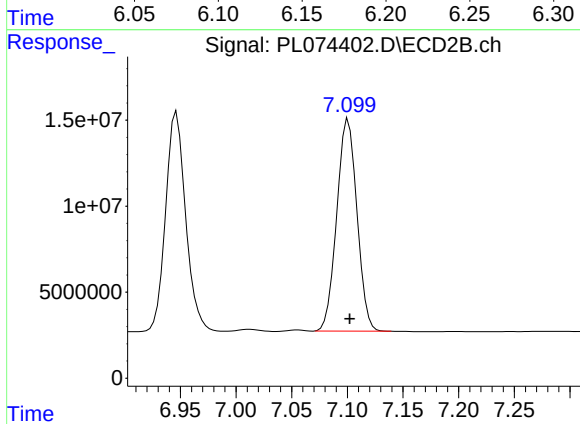
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 152568165
Conc: 64.45 ng/ml



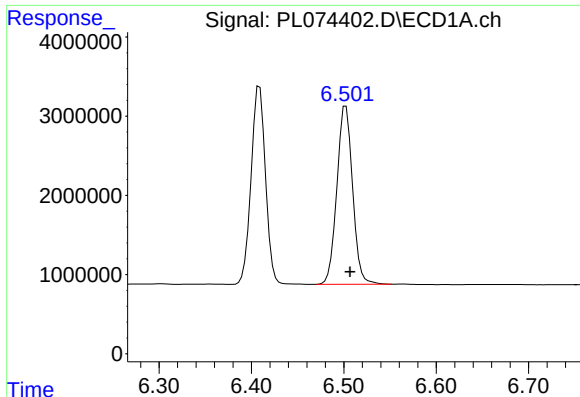
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 26806922
Conc: 59.51 ng/ml m



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 155900940
Conc: 59.77 ng/ml



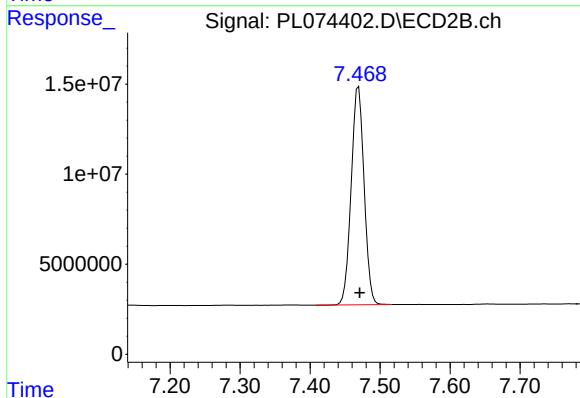
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.004 min
Response: 26677581
Conc: 64.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

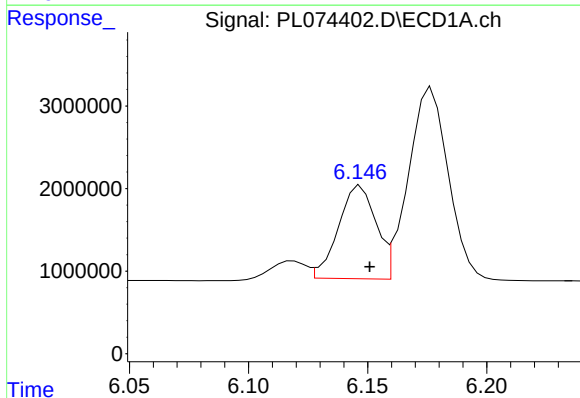
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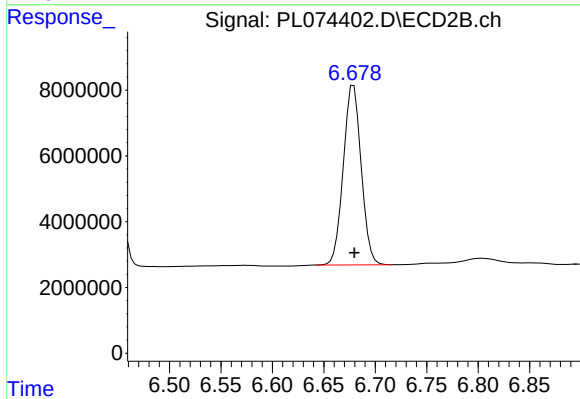
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 155436584
Conc: 66.18 ng/ml



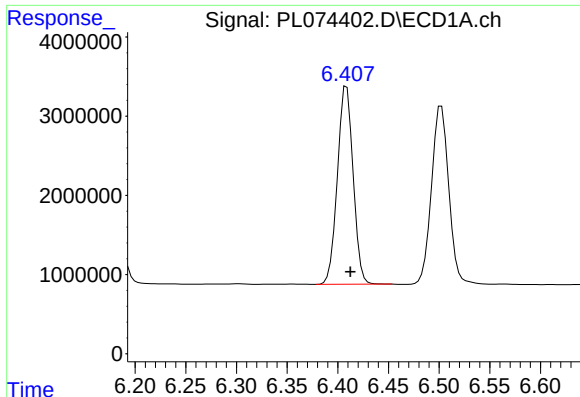
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 13350467
Conc: 65.34 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 66085503
Conc: 58.64 ng/ml



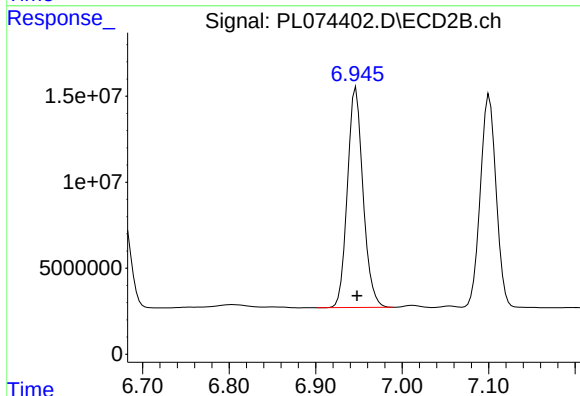
#7 delta-BHC

R.T.: 6.409 min
Delta R.T.: -0.004 min
Response: 27040220
Conc: 65.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

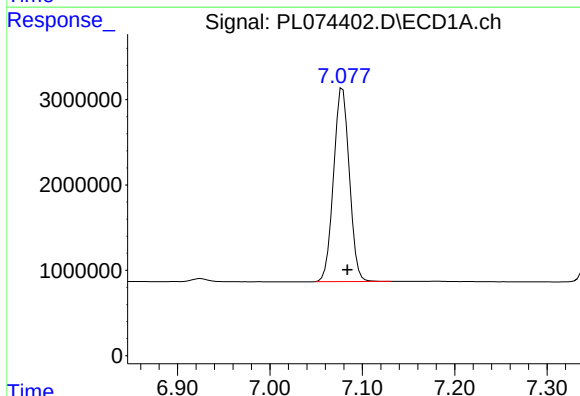
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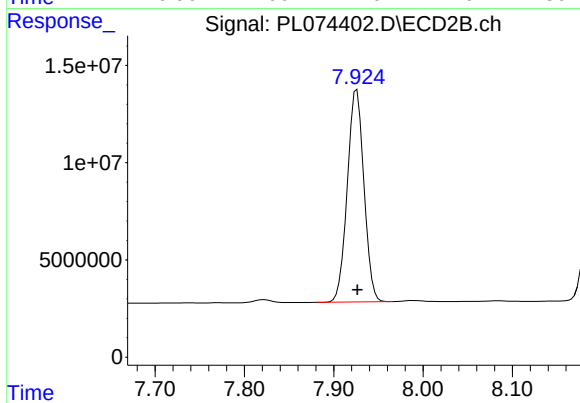
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 159971189
Conc: 65.50 ng/ml



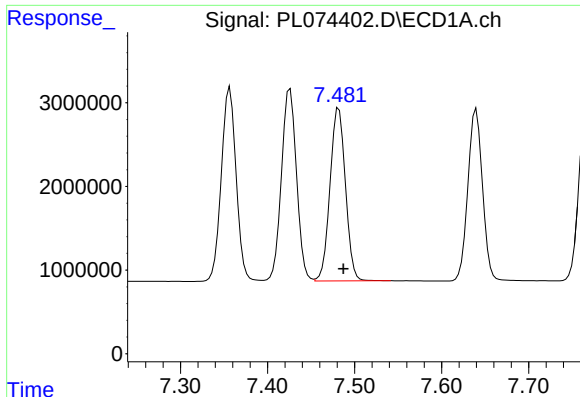
#8 Heptachlor epoxide

R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 26927836
Conc: 62.78 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 141274804
Conc: 62.75 ng/ml



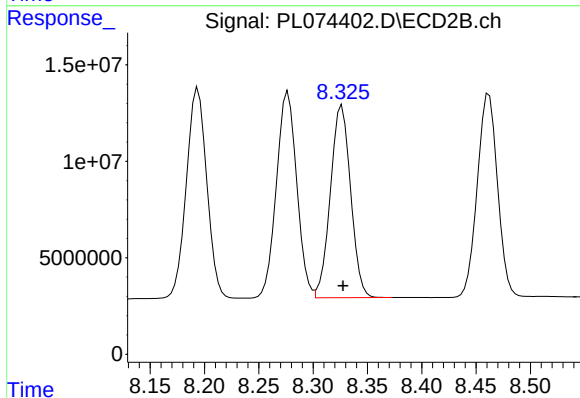
#9 Endosulfan I

R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 25498055
Conc: 62.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

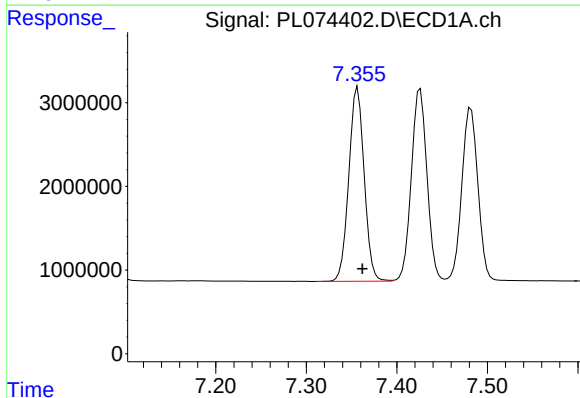
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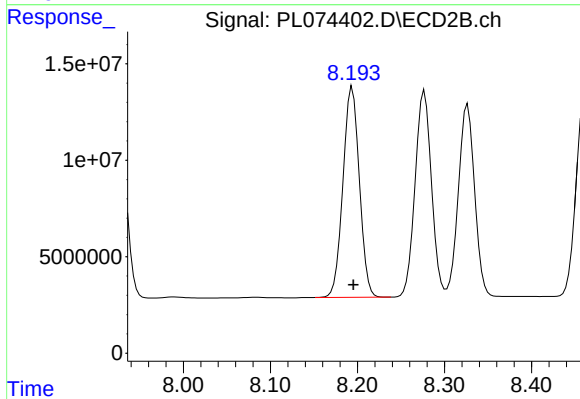
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: -0.001 min
Response: 129274809
Conc: 65.67 ng/ml



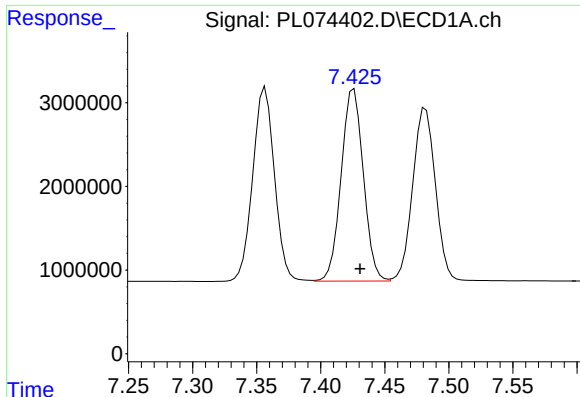
#10 gamma-Chlordane

R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 27412462
Conc: 62.50 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 142821648
Conc: 64.04 ng/ml



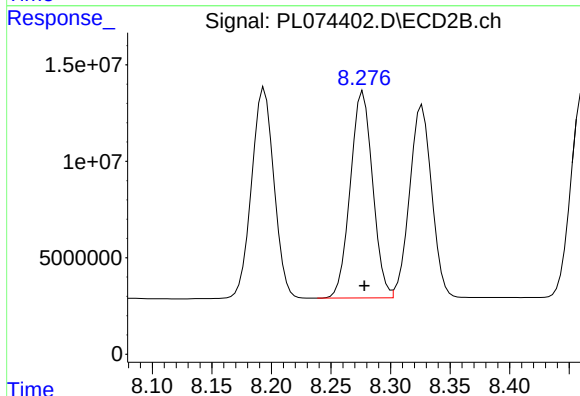
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 27676364
Conc: 62.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

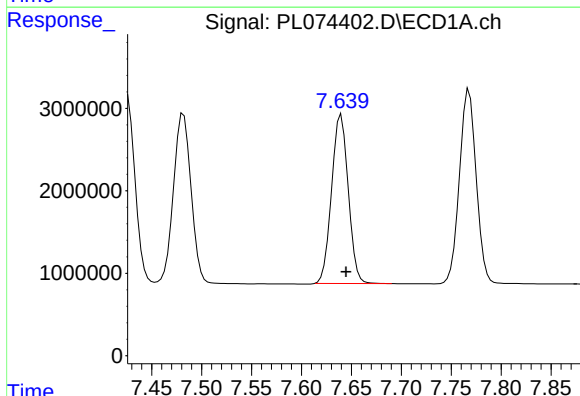
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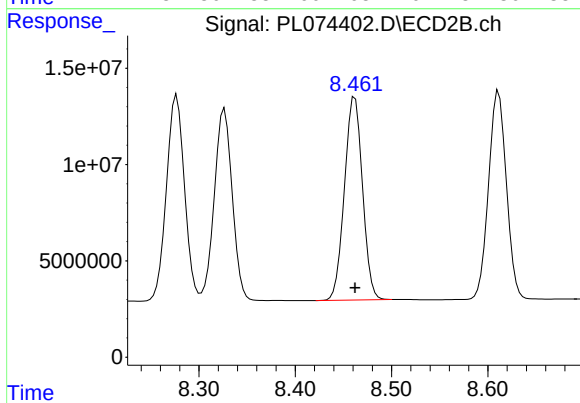
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 139765947
Conc: 64.93 ng/ml



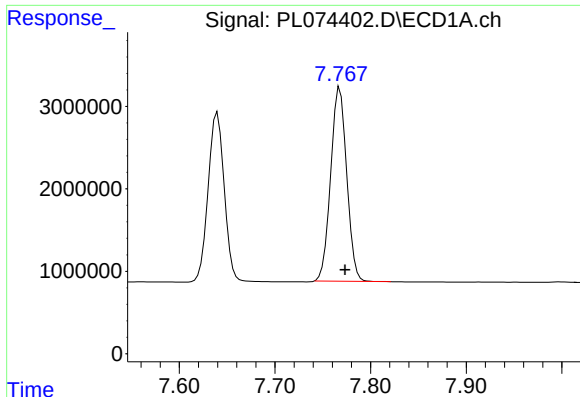
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 23853169
Conc: 65.38 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 136666524
Conc: 68.62 ng/ml



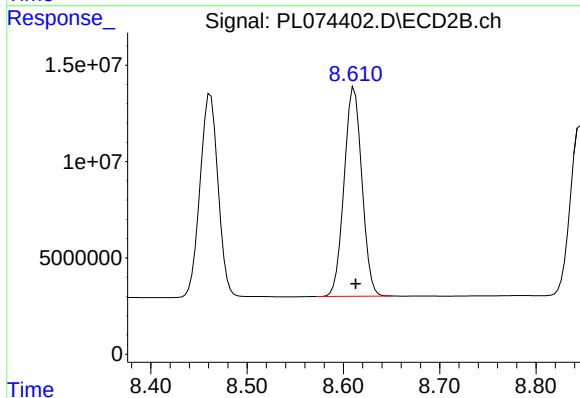
#13 Dieldrin

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 27327589
Conc: 63.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

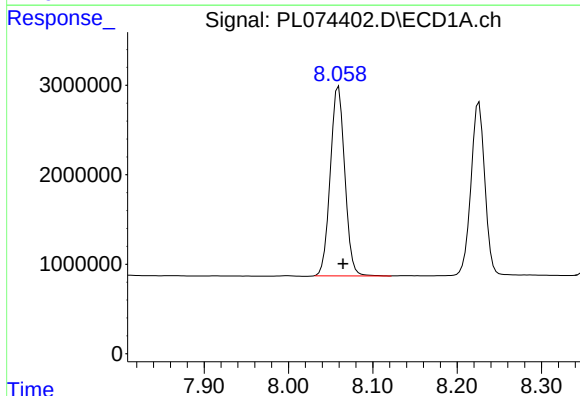
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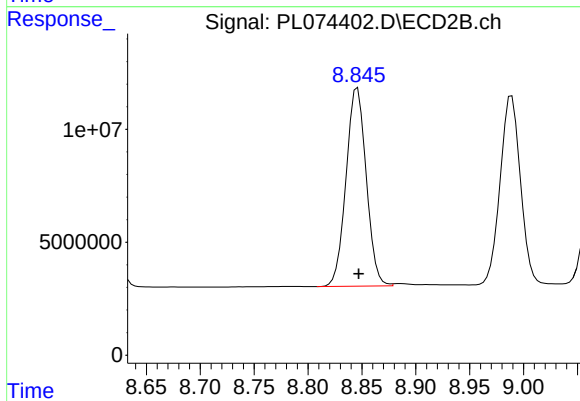
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 138792412
Conc: 69.21 ng/ml



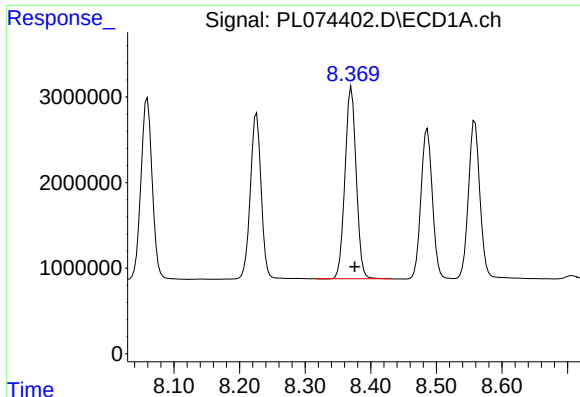
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 25251032
Conc: 62.16 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 114565083
Conc: 67.64 ng/ml



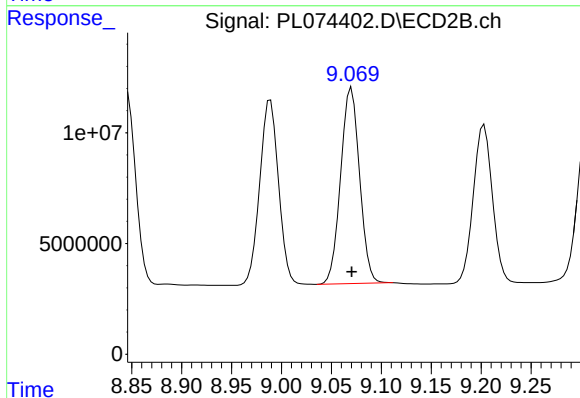
#15 Endosulfan II

R.T.: 8.371 min
Delta R.T.: -0.005 min
Response: 26673179
Conc: 64.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

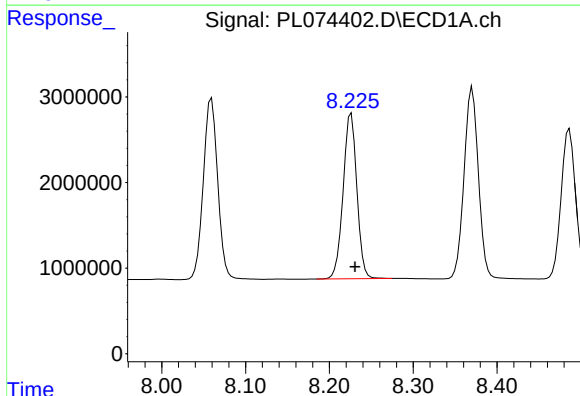
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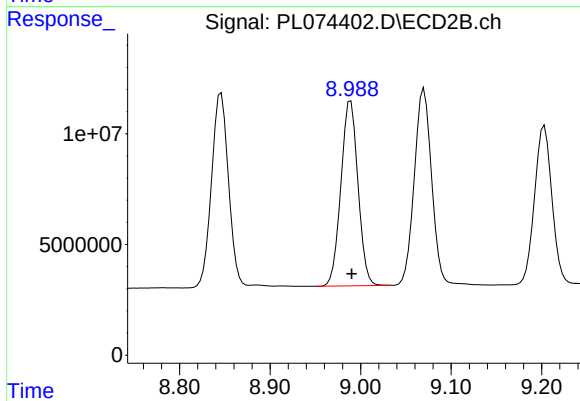
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 116762700
Conc: 67.21 ng/ml



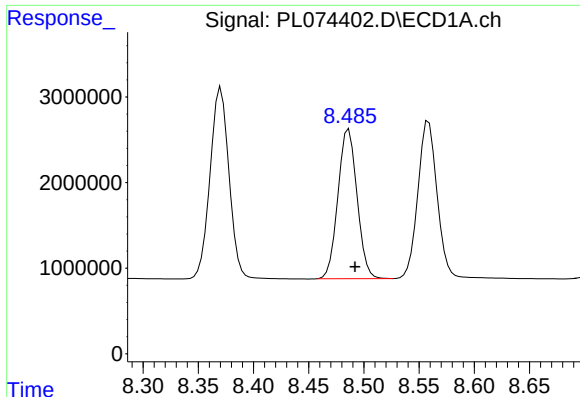
#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 22028067
Conc: 68.21 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 109523585
Conc: 71.18 ng/ml



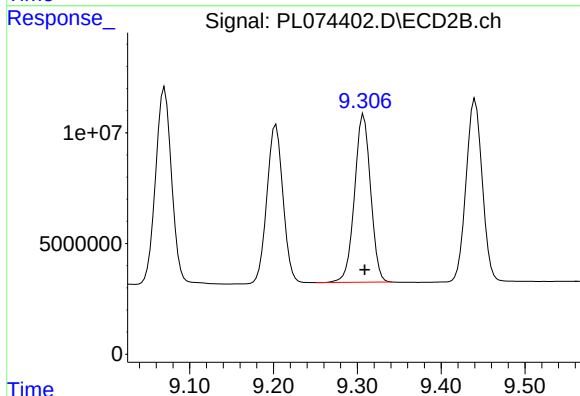
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 21066135
Conc: 56.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

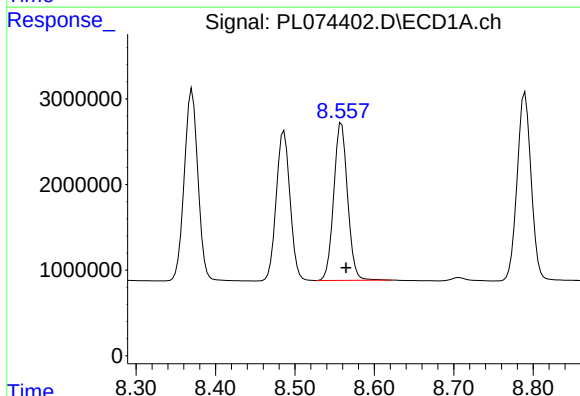
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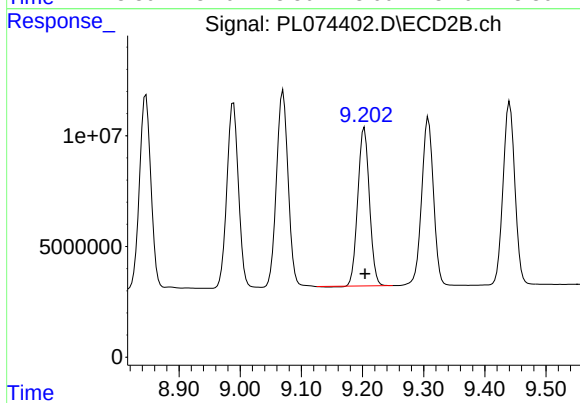
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 101160508
Conc: 57.07 ng/ml



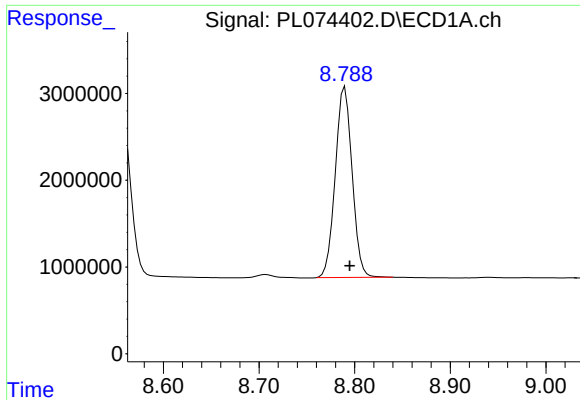
#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.006 min
Response: 22284238
Conc: 68.87 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 94434618
Conc: 73.11 ng/ml



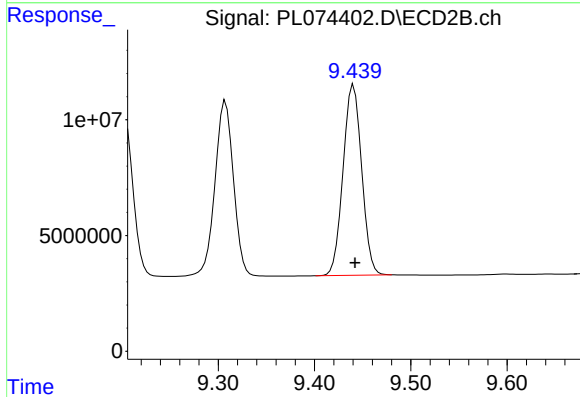
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.005 min
Response: 26869116
Conc: 62.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

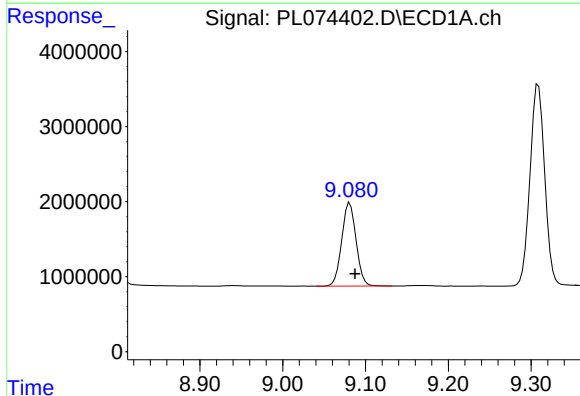
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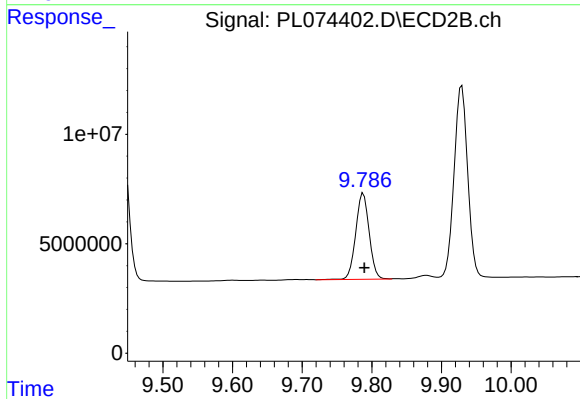
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.002 min
Response: 110322137
Conc: 66.29 ng/ml



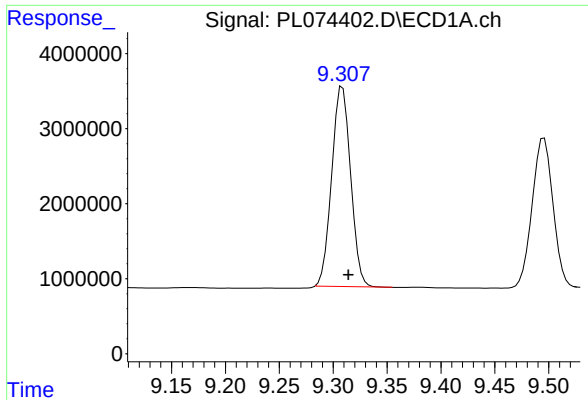
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 13429579
Conc: 54.09 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 52745274
Conc: 54.84 ng/ml



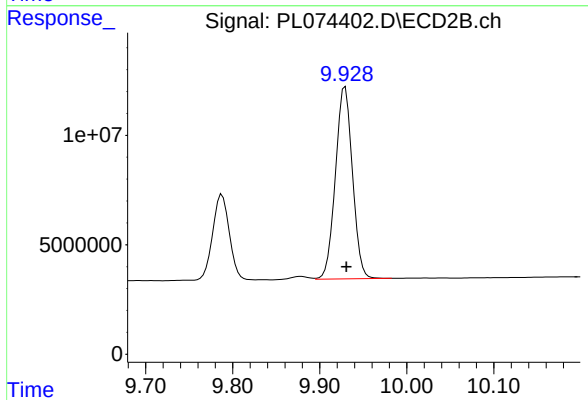
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.006 min
Response: 32533708
Conc: 66.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

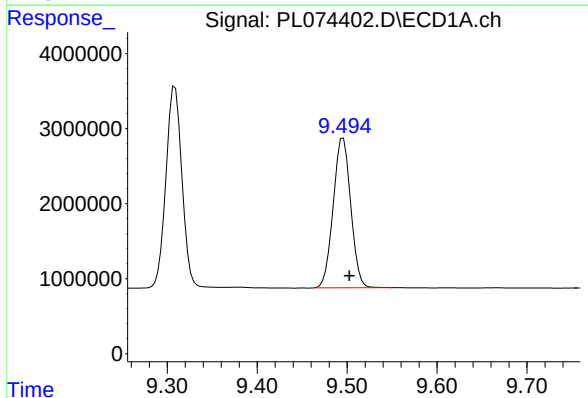
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Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



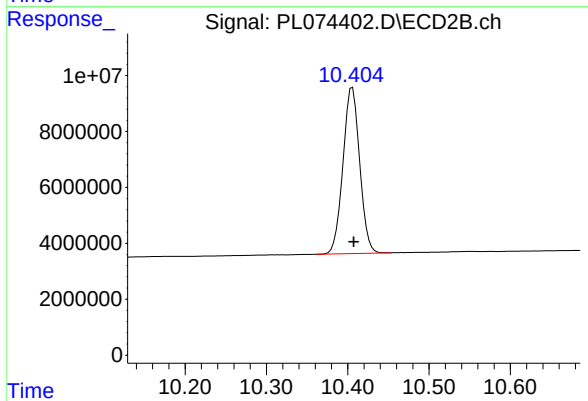
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 119525881
Conc: 69.05 ng/ml



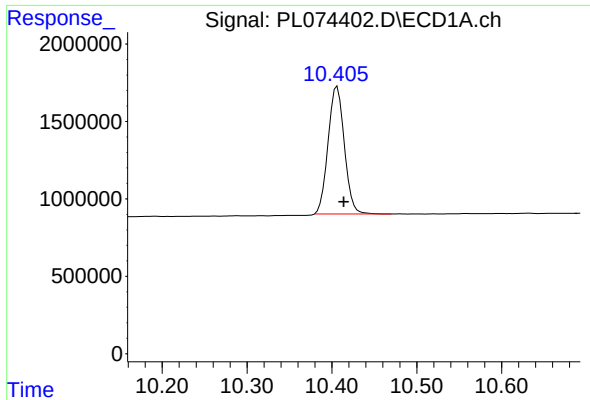
#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.007 min
Response: 26994259
Conc: 57.88 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 84502288
Conc: 61.35 ng/ml



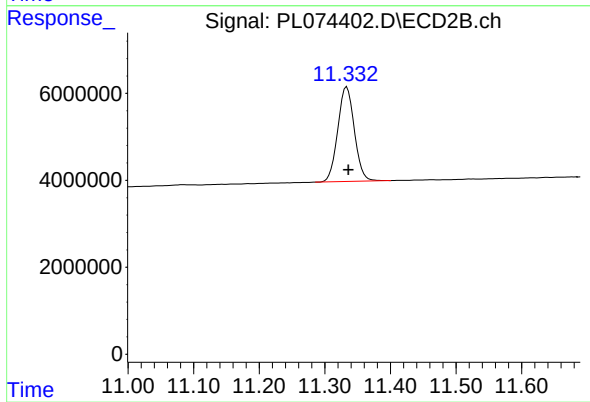
#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.008 min
Response: 10938854
Conc: 21.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGSMS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 38311967
Conc: 21.69 ng/ml