

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 11:50
 Operator : AR\AJ
 Sample : SOIL IDOC 04
 Misc : FOR HAROON MUGHAL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 04

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/21/2022
 Supervised By : Ankita Jodhani 01/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:19:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.556	5.492	10678785	31167768	19.235	19.191
28)	SA Decachlor...	10.318	11.385	18176535	32533559	20.459	20.163
Target Compounds							
2)	A alpha-BHC	5.263	6.073	38920896	121.3E6	50.336	50.265
3)	MA gamma-BHC...	5.686	6.470	37925336	114.2E6	50.297	50.769
4)	MA Heptachlor	6.092	7.115	42481266	115.8E6	49.243	49.944
5)	MB Aldrin	6.416	7.485	39444173	112.5E6	49.952	50.877
6)	B beta-BHC	6.071	6.729	16008897	49068910	48.429	49.559
7)	B delta-BHC	6.329	6.995	39762737	117.9E6	50.196	47.932
8)	B Heptachlo...	6.994	7.953	37995395	102.8E6	49.913	51.366
9)	A Endosulfan I	7.395	8.358	35716541	92152246	50.255	50.911
10)	B gamma-Chl...	7.271	8.223	38857842	103.9E6	49.455	51.439
11)	B alpha-Chl...	7.340	8.303	38883128	100.6E6	49.564	50.737
12)	B 4,4'-DDE	7.555	8.493	36596885	98858392	50.689	52.271
13)	MA Dieldrin	7.682	8.648	38527464	100.4E6	50.853	51.107
14)	MA Endrin	7.973	8.886	34792672	83497826	49.657	50.360
15)	B Endosulfa...	8.285	9.123	35776951	86316184	48.118	50.333
16)	A 4,4'-DDD	8.142	9.034	30812234	77302612	52.561	54.066
17)	MA 4,4'-DDT	8.402	9.350	31487876	77615669	47.417	49.107
18)	B Endrin al...	8.474	9.258	29497987	68800521	51.774	55.423
19)	B Endosulfa...	8.705	9.495	35727265	79591565	48.729	50.983
20)	A Methoxychlor	8.997	9.837	19481040	43107369	46.175	52.040m
21)	B Endrin ke...	9.221	9.992	45205324	85911623	54.288m	51.910
22)	Mirex	9.405	10.455	38143298	66742560	51.651	53.489

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
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ECD_L

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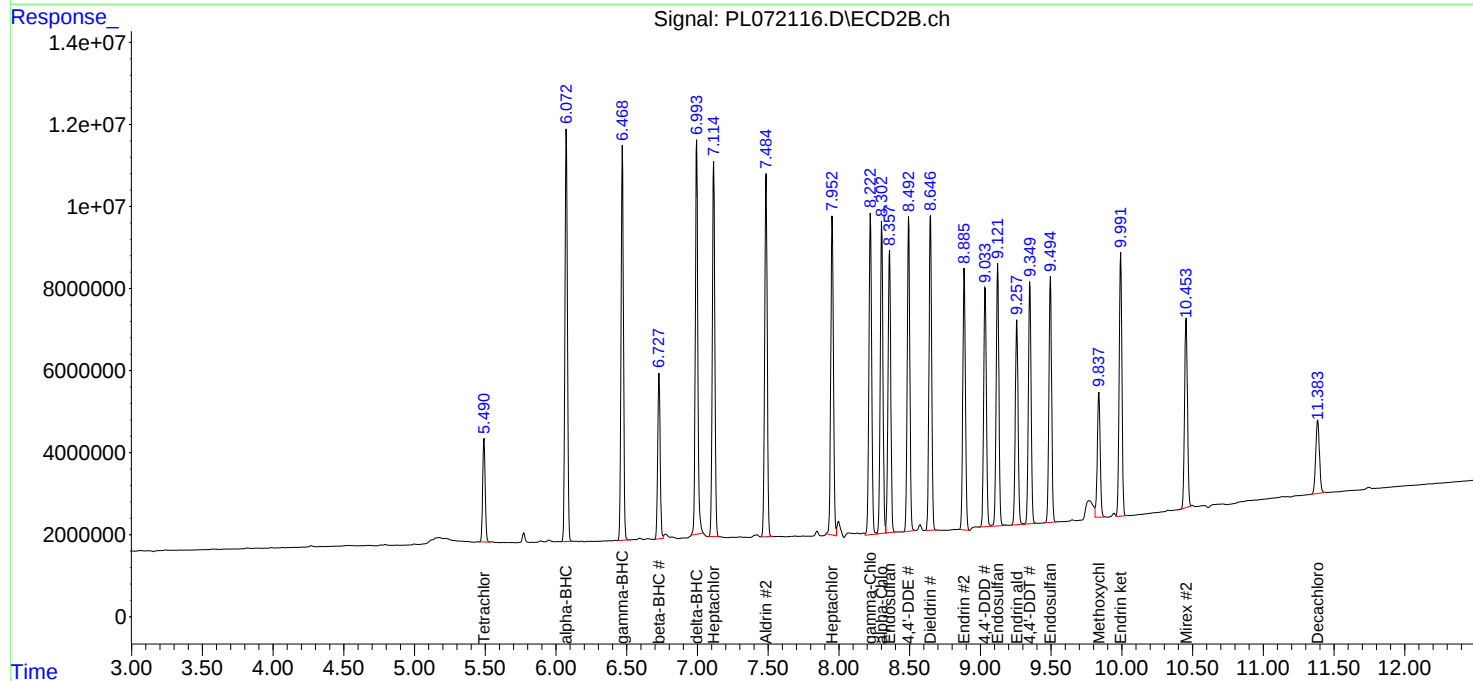
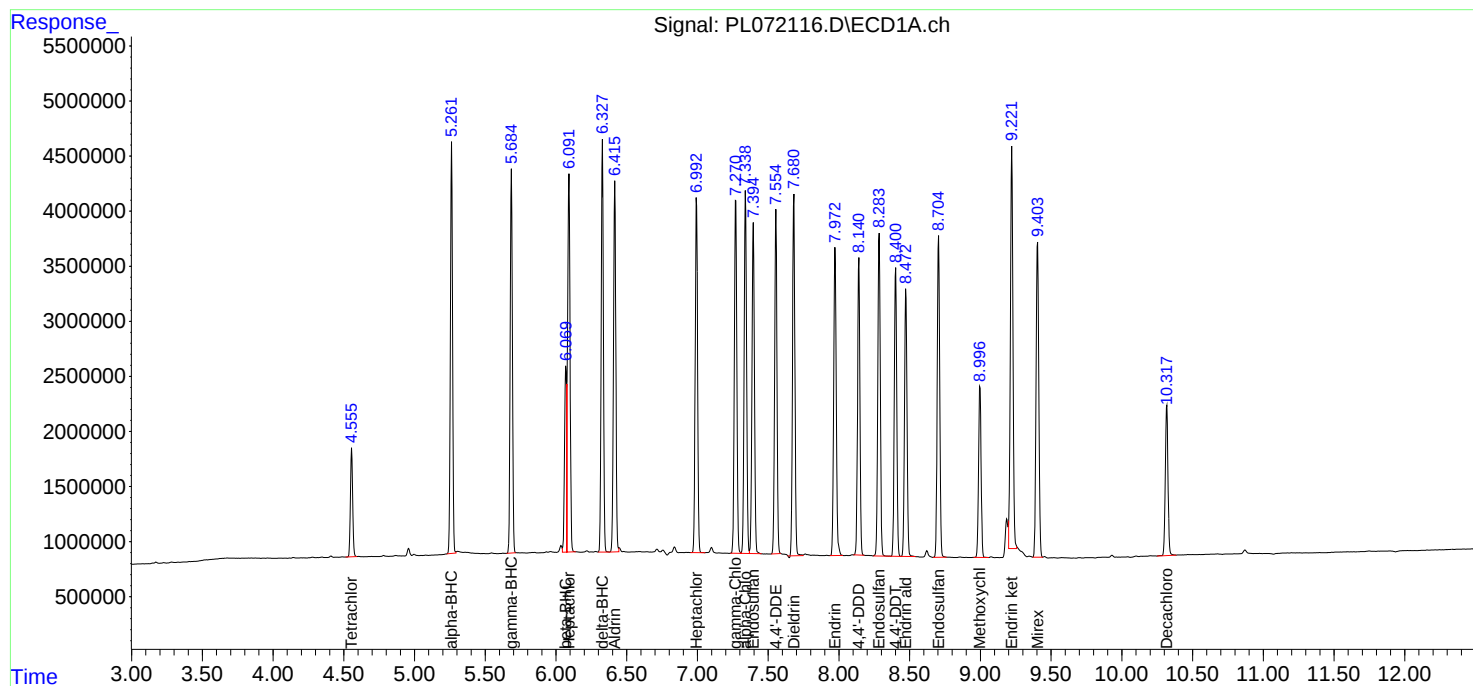
Manual Integrations

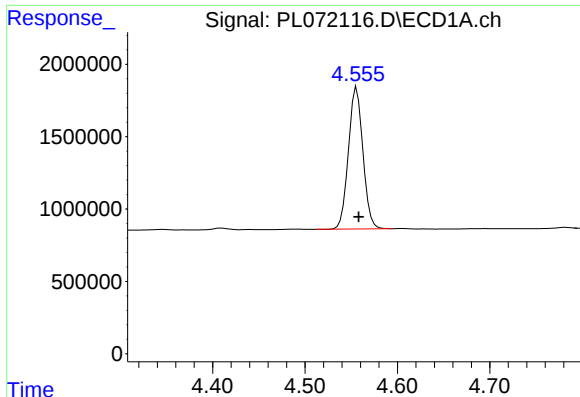
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 Supervised By :Ankita Jodhani 01/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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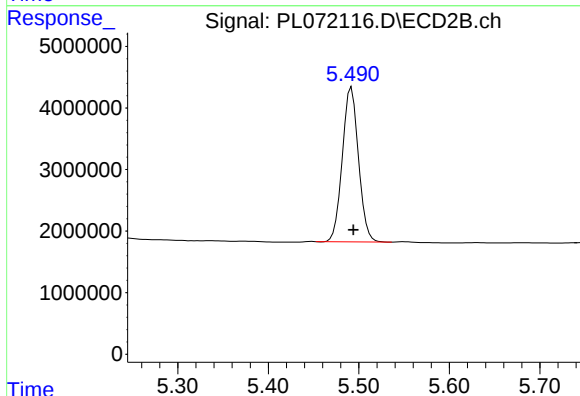
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 10678785
Conc: 19.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

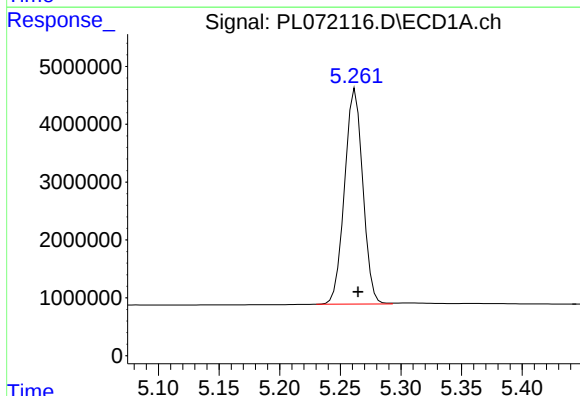
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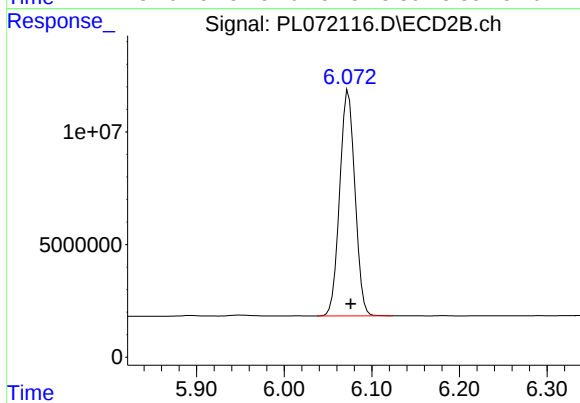
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 31167768
Conc: 19.19 ng/ml



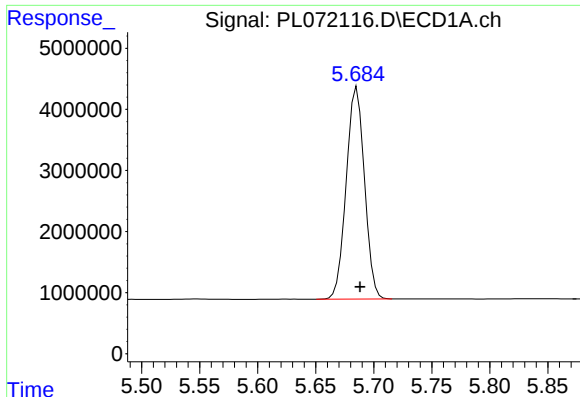
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 38920896
Conc: 50.34 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 121282049
Conc: 50.26 ng/ml



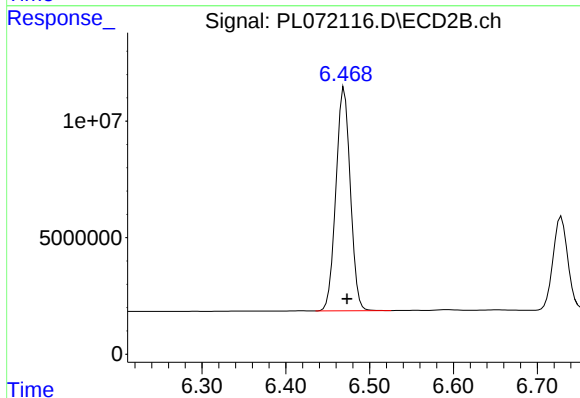
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 37925336
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

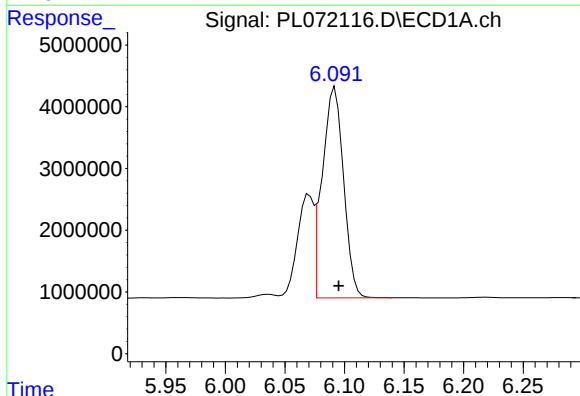
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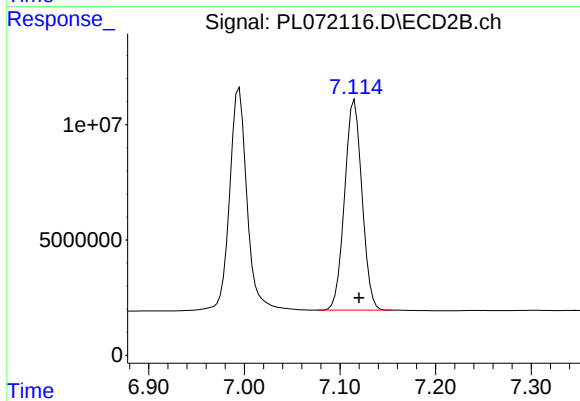
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 114246059
Conc: 50.77 ng/ml



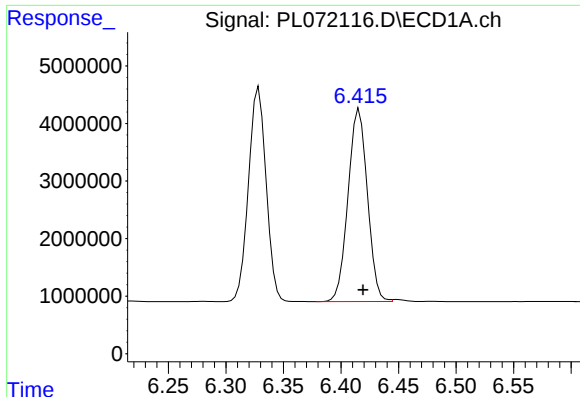
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 42481266
Conc: 49.24 ng/ml



#4 Heptachlor

R.T.: 7.115 min
Delta R.T.: -0.005 min
Response: 115794750
Conc: 49.94 ng/ml



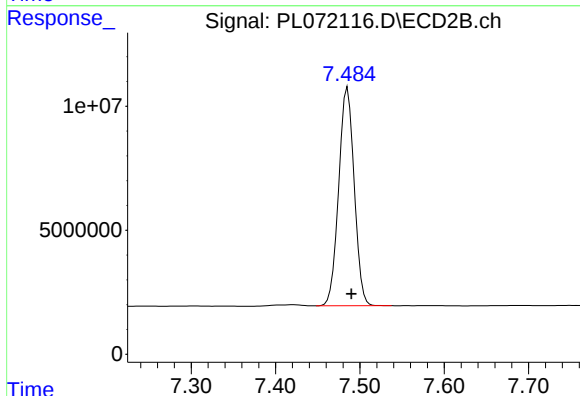
#5 Aldrin

R.T.: 6.416 min
Delta R.T.: -0.003 min
Response: 39444173
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

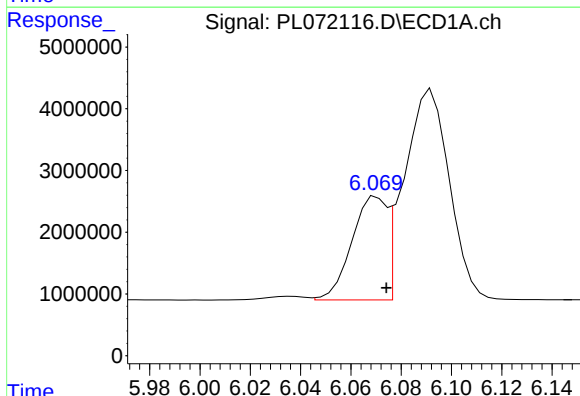
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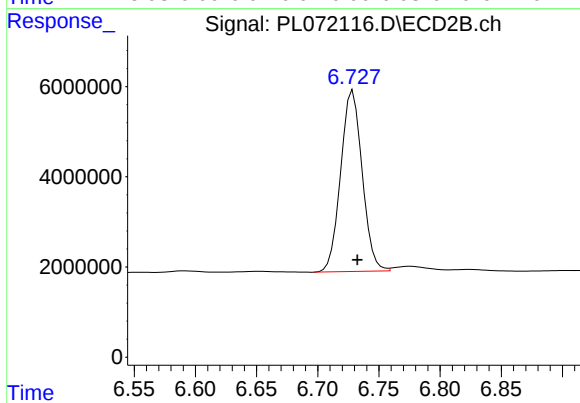
#5 Aldrin

R.T.: 7.485 min
Delta R.T.: -0.005 min
Response: 112500846
Conc: 50.88 ng/ml



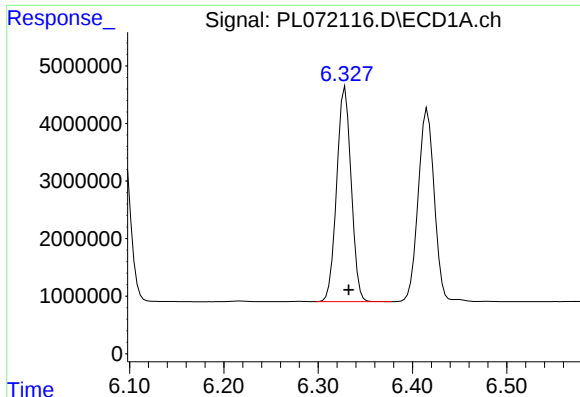
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 16008897
Conc: 48.43 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 49068910
Conc: 49.56 ng/ml



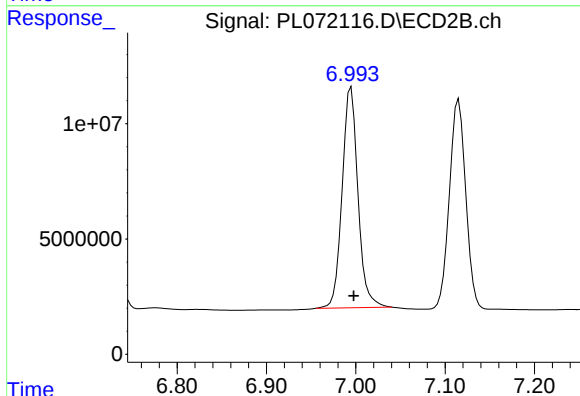
#7 delta-BHC

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 39762737
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

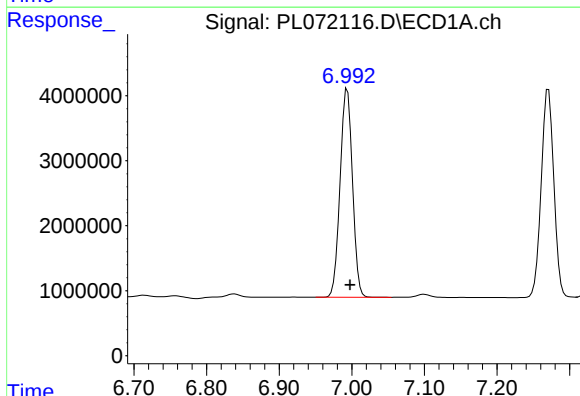
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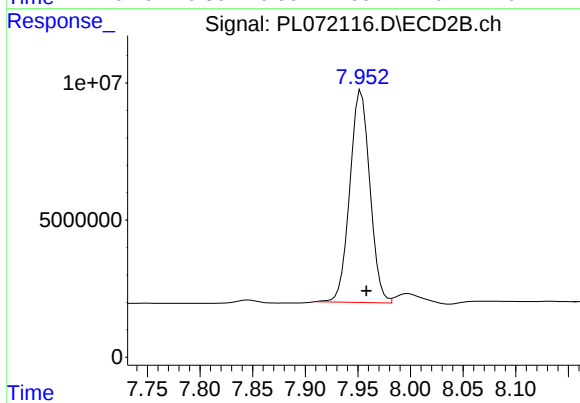
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 117928071
Conc: 47.93 ng/ml



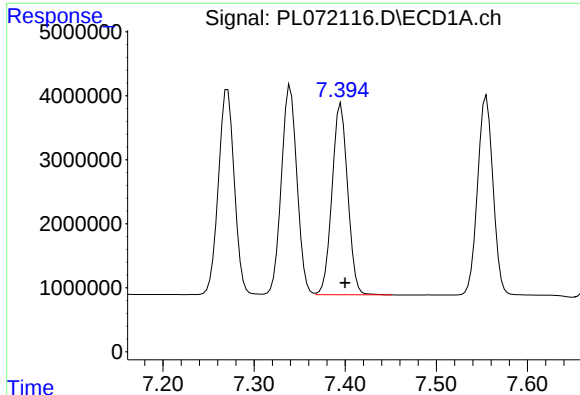
#8 Heptachlor epoxide

R.T.: 6.994 min
Delta R.T.: -0.004 min
Response: 37995395
Conc: 49.91 ng/ml



#8 Heptachlor epoxide

R.T.: 7.953 min
Delta R.T.: -0.005 min
Response: 102849957
Conc: 51.37 ng/ml



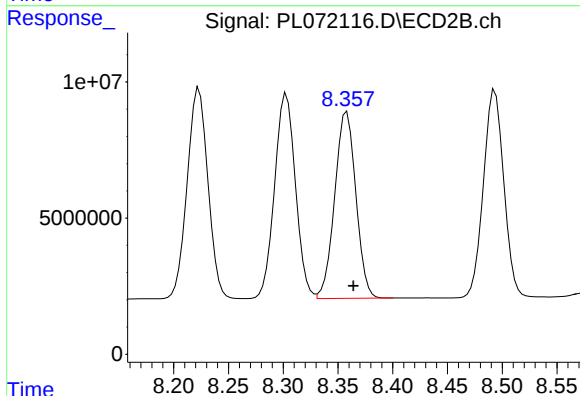
#9 Endosulfan I

R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 35716541
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

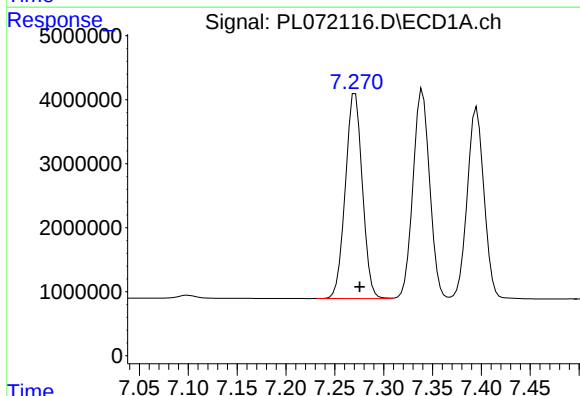
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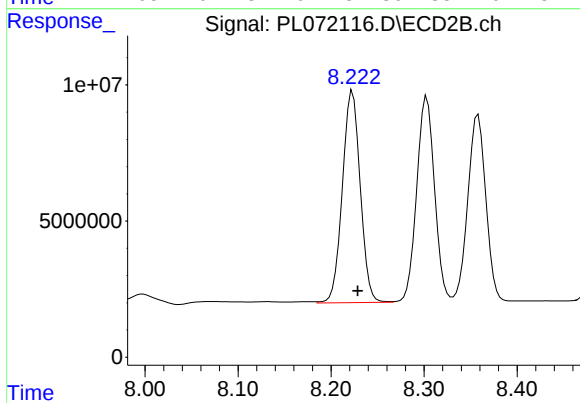
#9 Endosulfan I

R.T.: 8.358 min
Delta R.T.: -0.006 min
Response: 92152246
Conc: 50.91 ng/ml



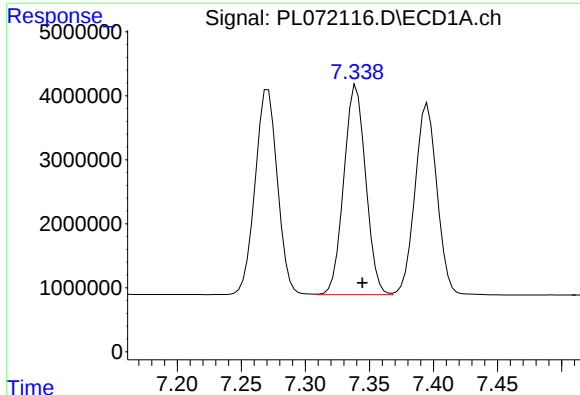
#10 gamma-Chlordane

R.T.: 7.271 min
Delta R.T.: -0.004 min
Response: 38857842
Conc: 49.46 ng/ml



#10 gamma-Chlordane

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 103948823
Conc: 51.44 ng/ml



#11 alpha-Chlordane

R.T.: 7.340 min
Delta R.T.: -0.005 min
Response: 38883128
Conc: 49.56 ng/ml

Instrument :

ECD_L

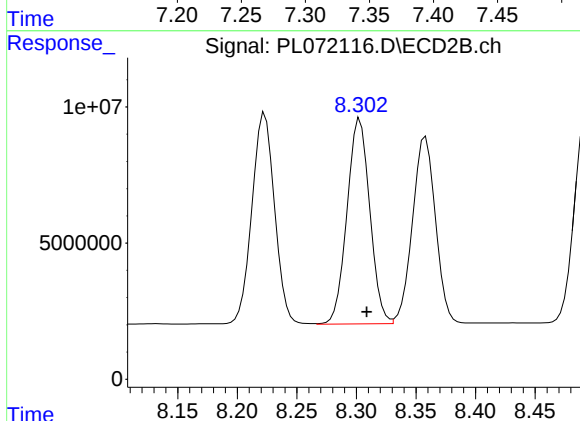
ClientSampleId :

SOIL IDOC 04

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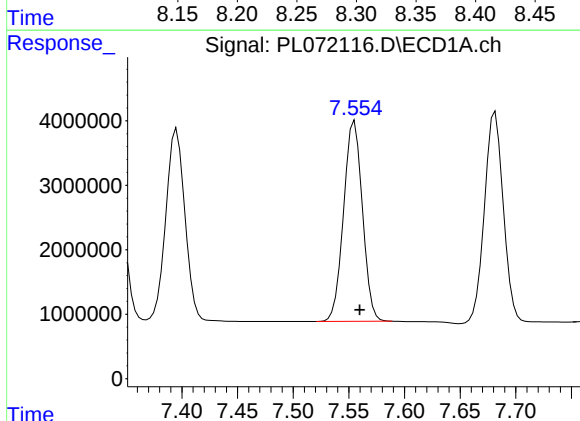
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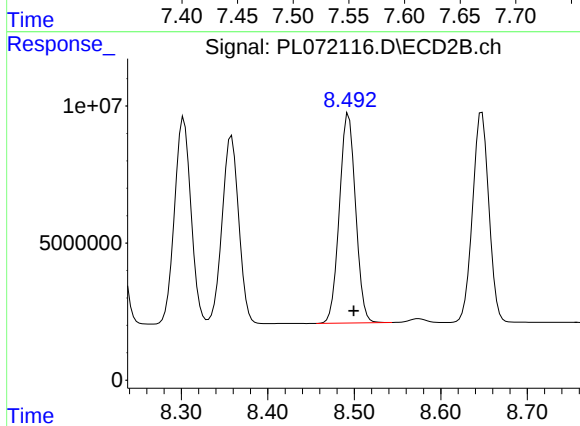
#11 alpha-Chlordane

R.T.: 8.303 min
Delta R.T.: -0.006 min
Response: 100601386
Conc: 50.74 ng/ml



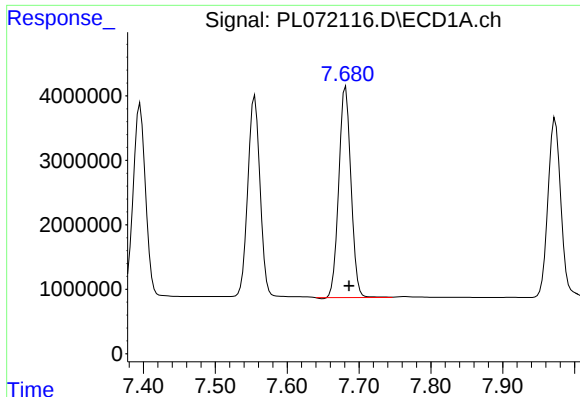
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 36596885
Conc: 50.69 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 98858392
Conc: 52.27 ng/ml



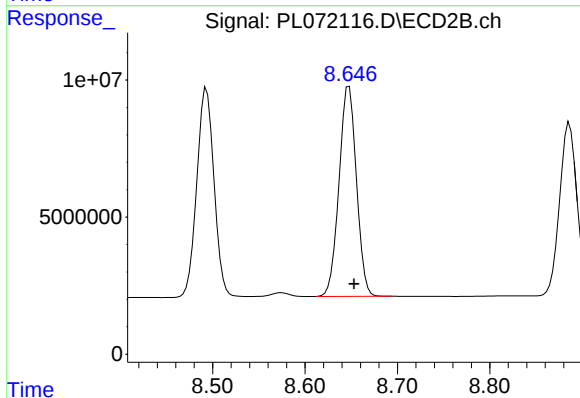
#13 Dieldrin

R.T.: 7.682 min
Delta R.T.: -0.005 min
Response: 38527464
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

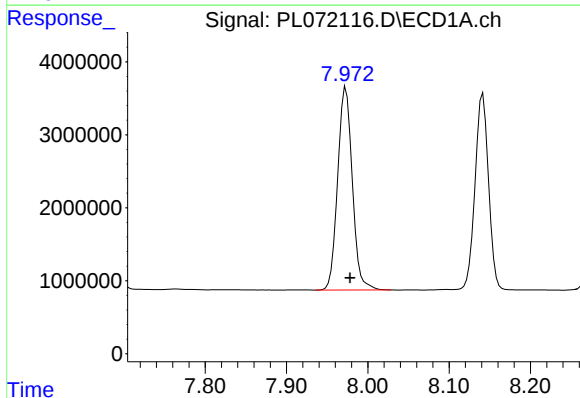
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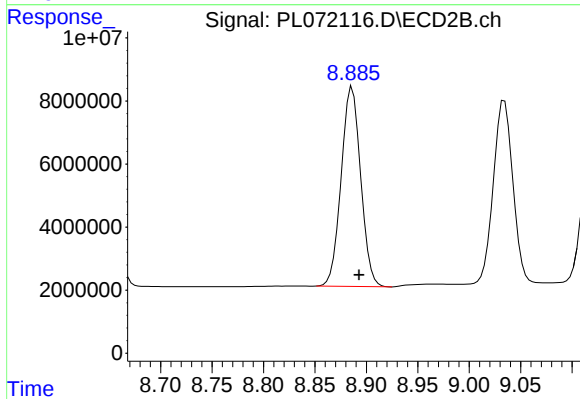
#13 Dieldrin

R.T.: 8.648 min
Delta R.T.: -0.006 min
Response: 100405654
Conc: 51.11 ng/ml



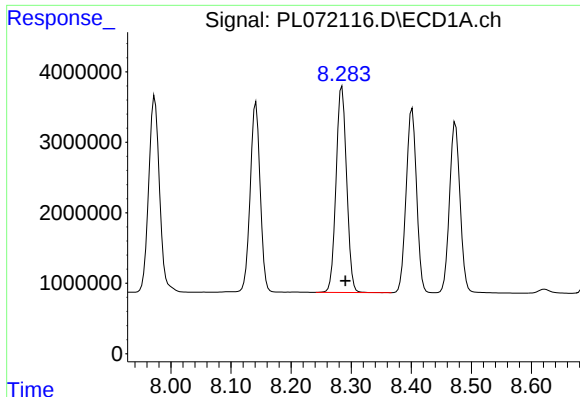
#14 Endrin

R.T.: 7.973 min
Delta R.T.: -0.005 min
Response: 34792672
Conc: 49.66 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: -0.007 min
Response: 83497826
Conc: 50.36 ng/ml



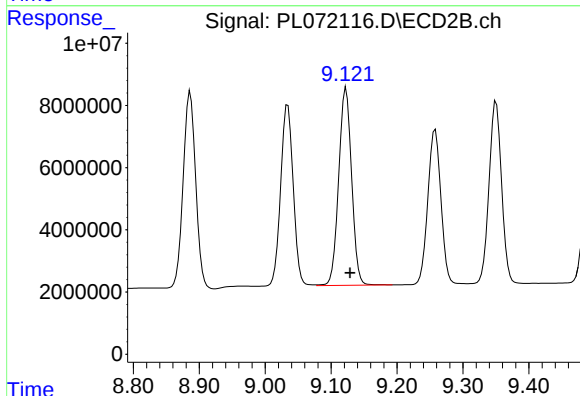
#15 Endosulfan II

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 35776951
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

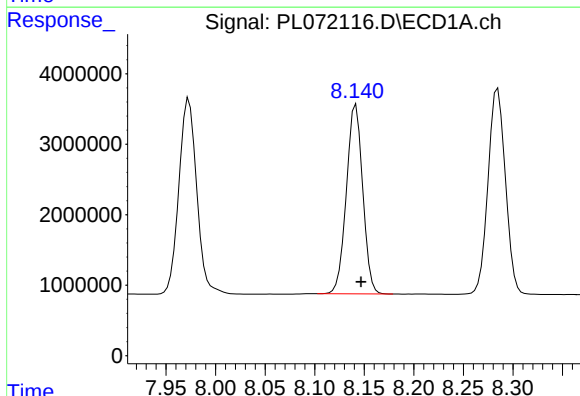
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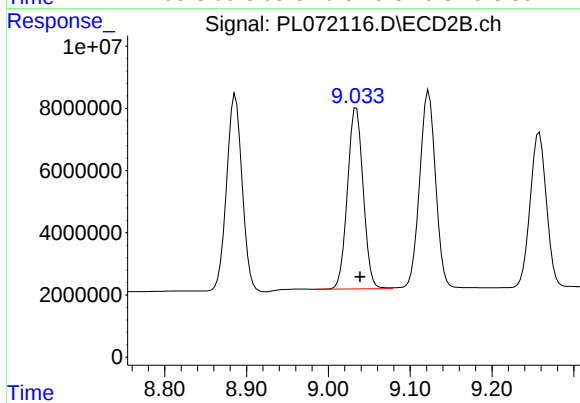
#15 Endosulfan II

R.T.: 9.123 min
Delta R.T.: -0.006 min
Response: 86316184
Conc: 50.33 ng/ml



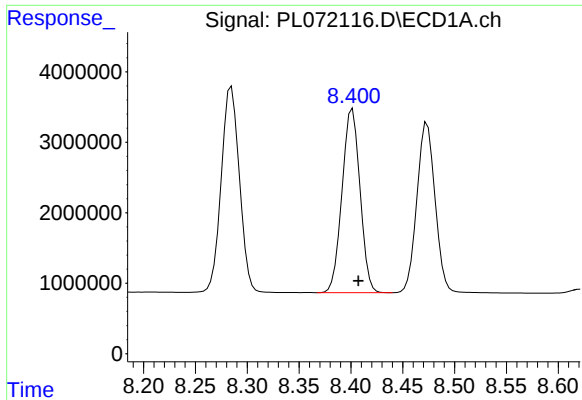
#16 4,4'-DDD

R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 30812234
Conc: 52.56 ng/ml



#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 77302612
Conc: 54.07 ng/ml



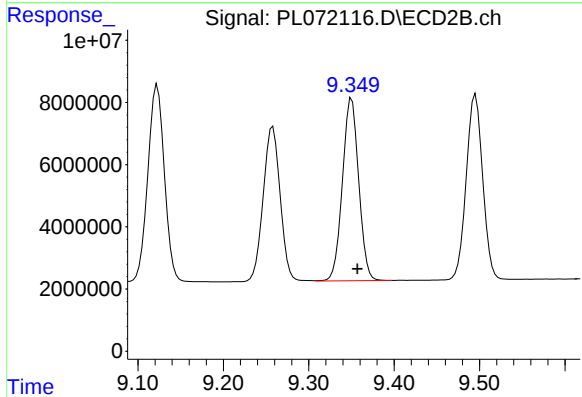
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: -0.006 min
Response: 31487876
Conc: 47.42 ng/ml

Instrument :
ECD_L
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SOIL IDOC 04

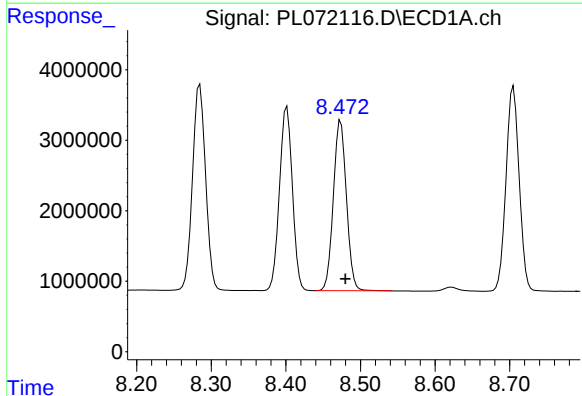
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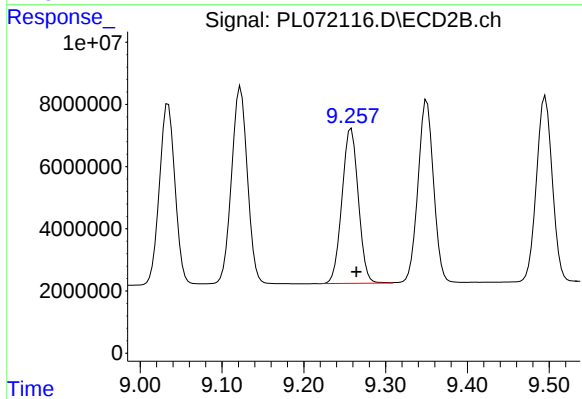
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.007 min
Response: 77615669
Conc: 49.11 ng/ml



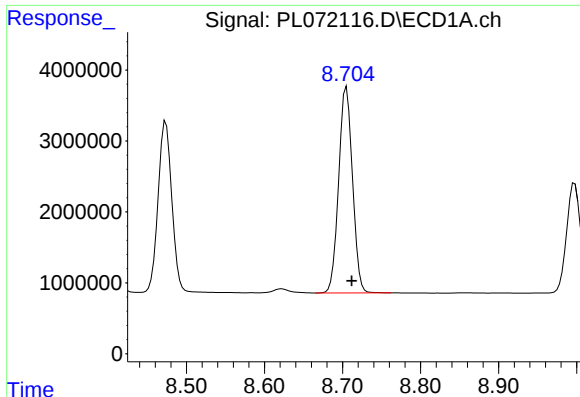
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 29497987
Conc: 51.77 ng/ml



#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: -0.006 min
Response: 68800521
Conc: 55.42 ng/ml



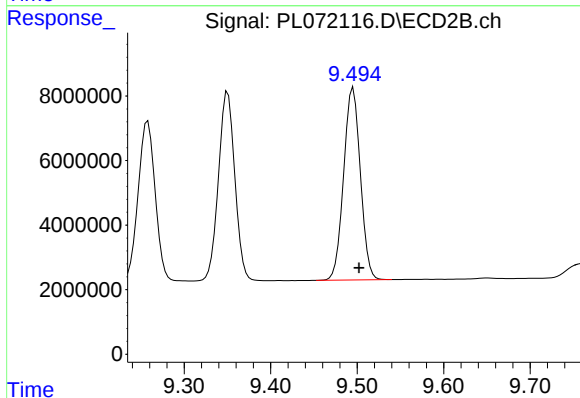
#19 Endosulfan Sulfate

R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 35727265
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

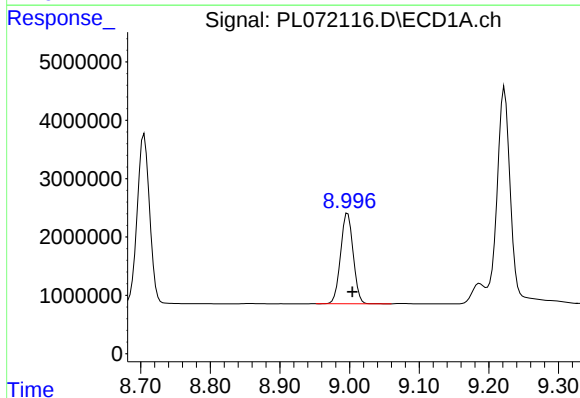
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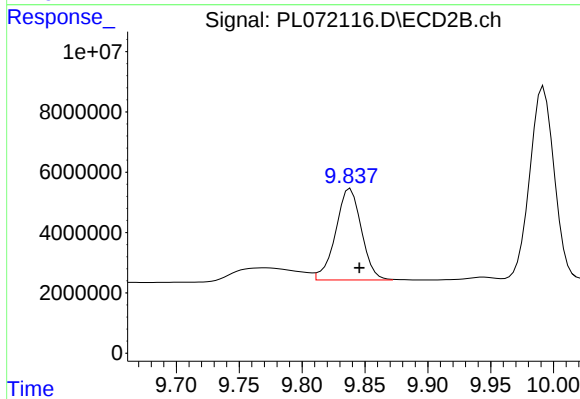
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: -0.007 min
Response: 79591565
Conc: 50.98 ng/ml



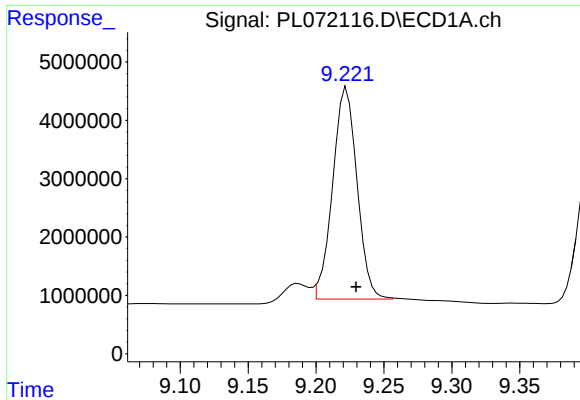
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 19481040
Conc: 46.18 ng/ml



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: -0.009 min
Response: 43107369
Conc: 52.04 ng/ml m



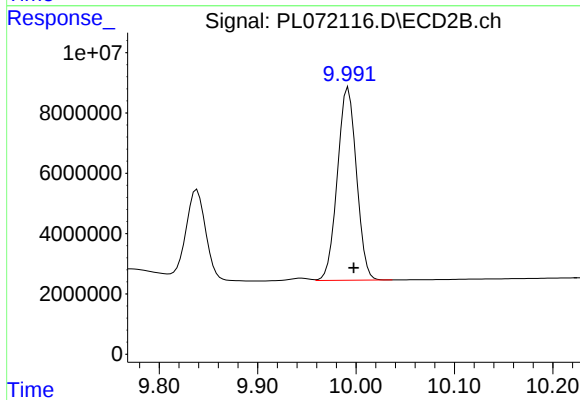
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.008 min
Response: 45205324
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

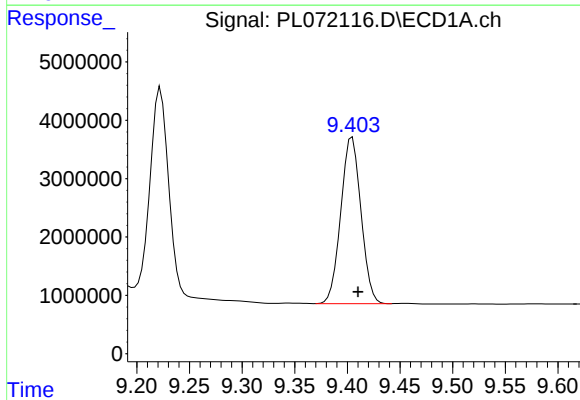
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2022
Supervised By :Ankita Jodhani 01/21/2022



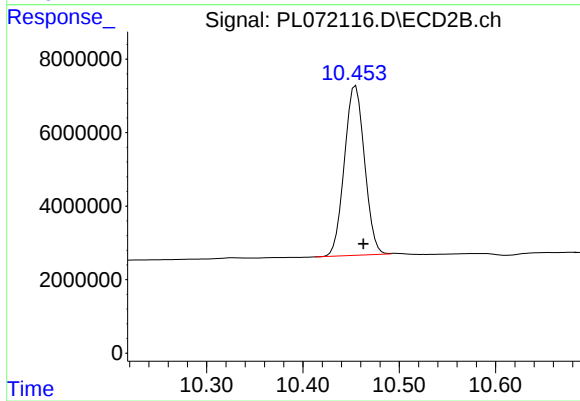
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: -0.006 min
Response: 85911623
Conc: 51.91 ng/ml



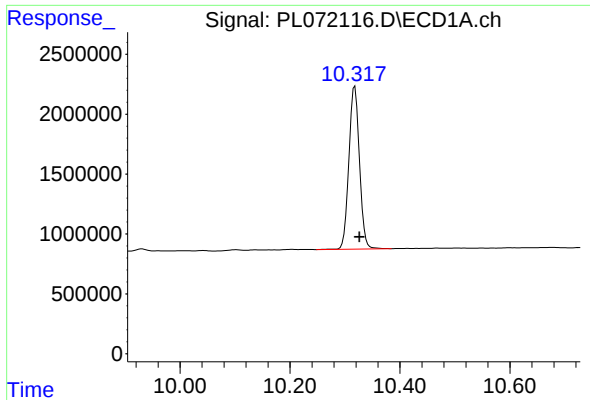
#22 Mirex

R.T.: 9.405 min
Delta R.T.: -0.006 min
Response: 38143298
Conc: 51.65 ng/ml



#22 Mirex

R.T.: 10.455 min
Delta R.T.: -0.008 min
Response: 66742560
Conc: 53.49 ng/ml



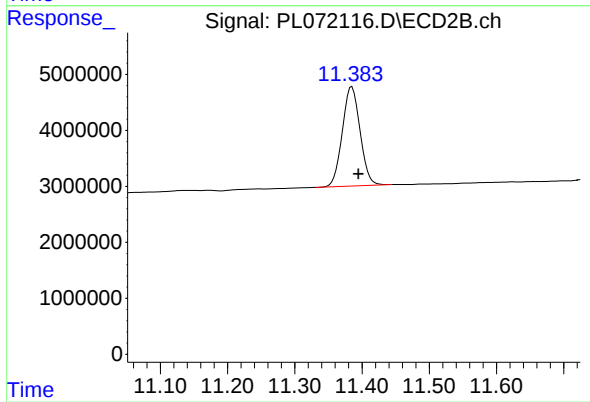
#28 Decachlorobiphenyl

R.T.: 10.318 min
Delta R.T.: -0.009 min
Response: 18176535
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

Manual Integrations
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Supervised By :Ankita Jodhani 01/21/2022



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: -0.010 min
Response: 32533559
Conc: 20.16 ng/ml