

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 11:02
 Operator : AR\AJ
 Sample : SOIL IDOC 01
 Misc : FOR HAROON MUGHAL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 01

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 04:19:01 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...	4.565	5.492	10703335	30718607	19.279	18.914
28)	SA Decachlor...	10.325	11.388	18104704	32705233	20.378	20.270
Target Compounds							
2)	A alpha-BHC	5.271	6.074	38972840	121.8E6	50.403	50.469
3)	MA gamma-BHC...	5.694	6.471	37593376	116.0E6	49.857	51.540
4)	MA Heptachlor	6.100	7.117	41912855	116.7E6	48.584	50.320
5)	MB Aldrin	6.424	7.487	39778329	114.2E6	50.375	51.644
6)	B beta-BHC	6.079	6.730	16310618	50358309	49.342	50.861
7)	B delta-BHC	6.336	6.996	39781820	117.5E6	50.221	47.770
8)	B Heptachlo...	7.001	7.955	38005617	104.9E6	49.926	52.384
9)	A Endosulfan I	7.404	8.360	35609738	93484435	50.104	51.647
10)	B gamma-Chl...	7.279	8.225	38979608	105.2E6	49.610	52.077
11)	B alpha-Chl...	7.347	8.305	38896002	102.2E6	49.581	51.527
12)	B 4,4'-DDE	7.562	8.496	36263007	99141575	50.227	52.421
13)	MA Dieldrin	7.689	8.649	38269532	101.1E6	50.513	51.439
14)	MA Endrin	7.981	8.888	34693667	84058030	49.515	50.698
15)	B Endosulfa...	8.293	9.125	35767268	87336088	48.105	50.927
16)	A 4,4'-DDD	8.149	9.037	30684475	78223038	52.343	54.710
17)	MA 4,4'-DDT	8.408	9.352	31308253	78004488	47.146	49.353
18)	B Endrin al...	8.481	9.259	29466733	69218881	51.719	55.760
19)	B Endosulfa...	8.712	9.498	35640821	79781516	48.611	51.104
20)	A Methoxychlor	9.004	9.841	19225481	36785035	45.569	44.408
21)	B Endrin ke...	9.228	9.994	44381247	86364465	53.298m	52.184
22)	Mirex	9.411	10.457	38061450	66924334	51.540	53.635

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

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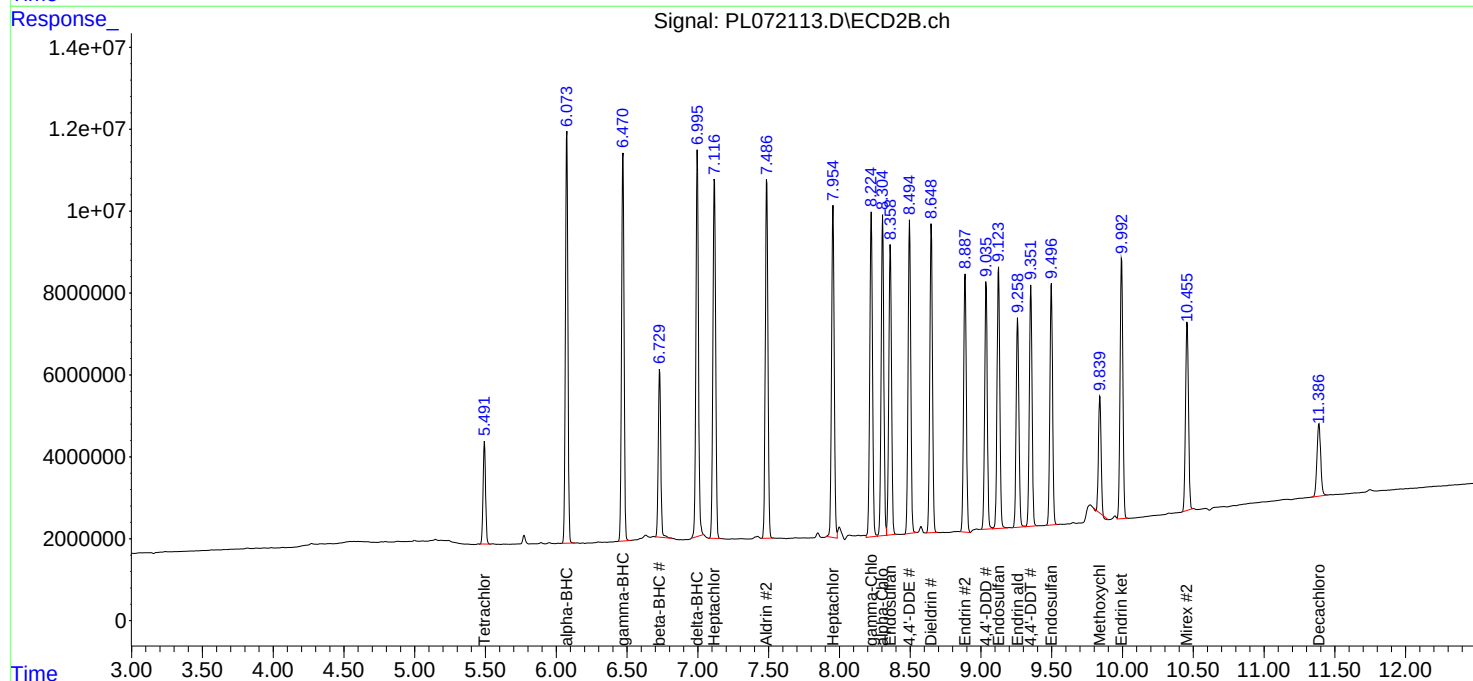
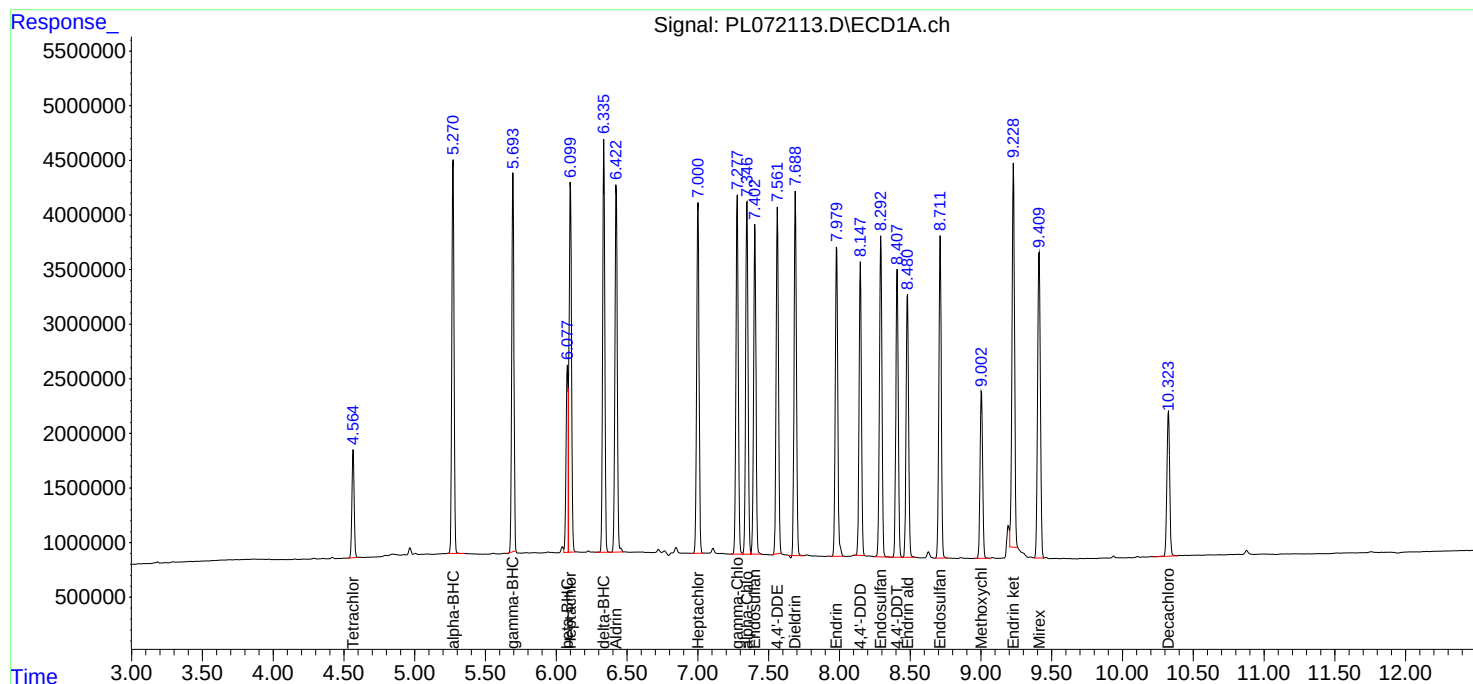
Manual Integrations

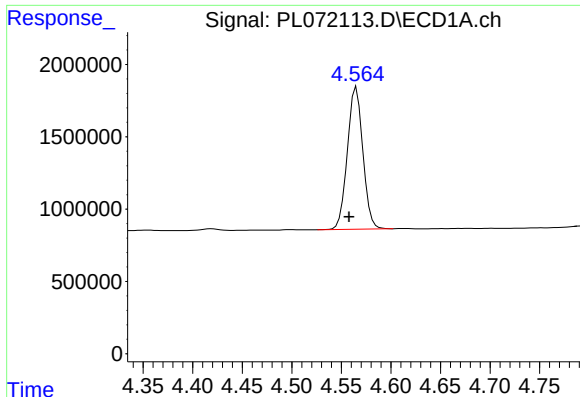
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Integration File signal 1: autoint1.e
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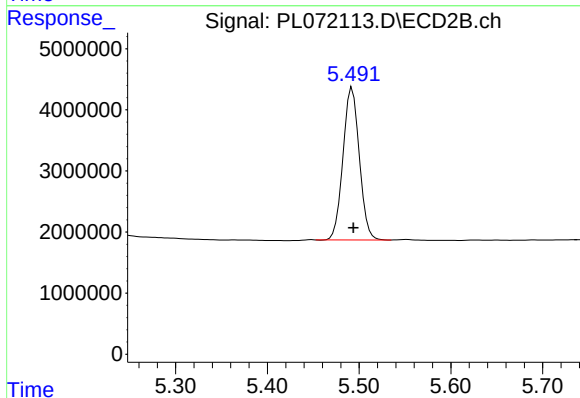
#1 Tetrachloro-m-xylene

R.T.: 4.565 min
Delta R.T.: 0.007 min
Response: 10703335
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

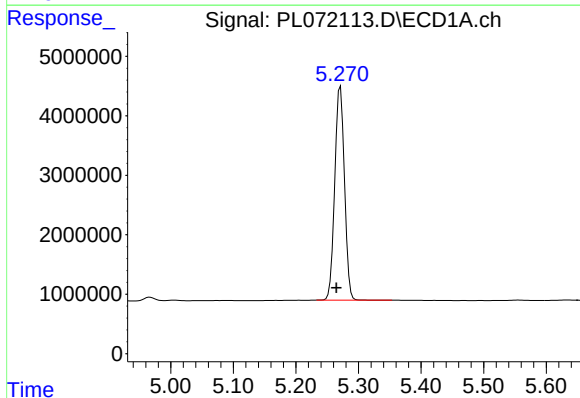
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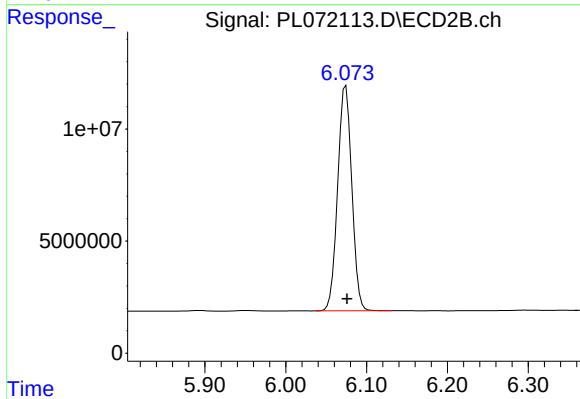
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 30718607
Conc: 18.91 ng/ml



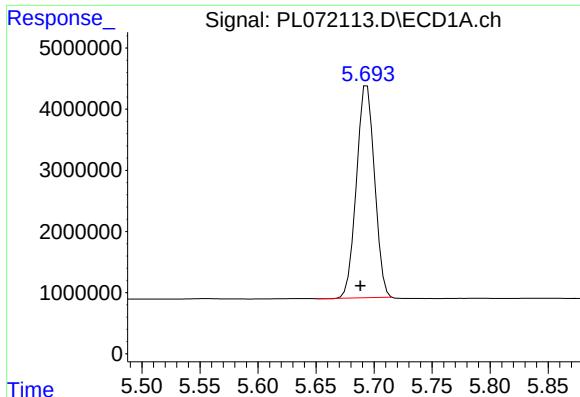
#2 alpha-BHC

R.T.: 5.271 min
Delta R.T.: 0.006 min
Response: 38972840
Conc: 50.40 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 121774232
Conc: 50.47 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.694 min
Delta R.T.: 0.006 min
Response: 37593376
Conc: 49.86 ng/ml

Instrument :

ECD_L

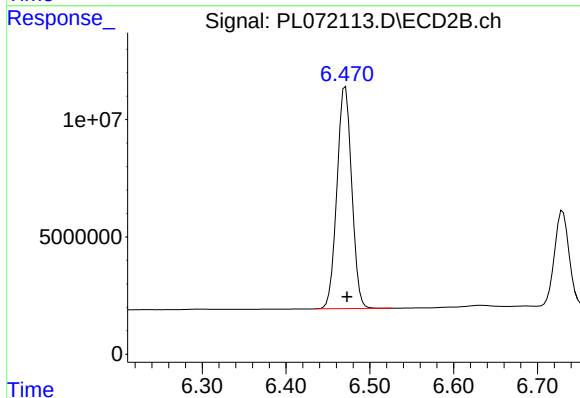
ClientSampleId :

SOIL IDOC 01

Manual Integrations

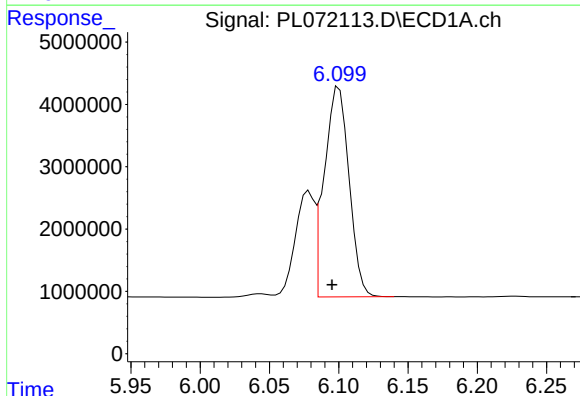
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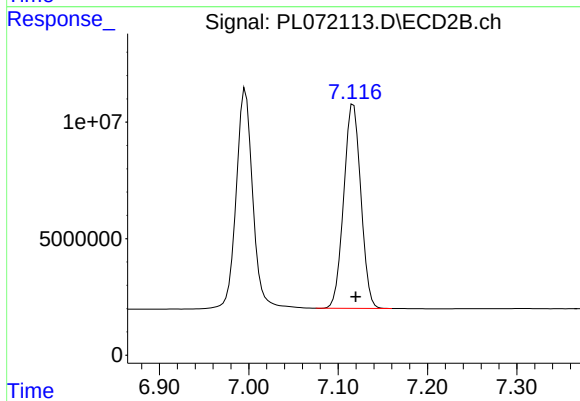
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 115981768
Conc: 51.54 ng/ml



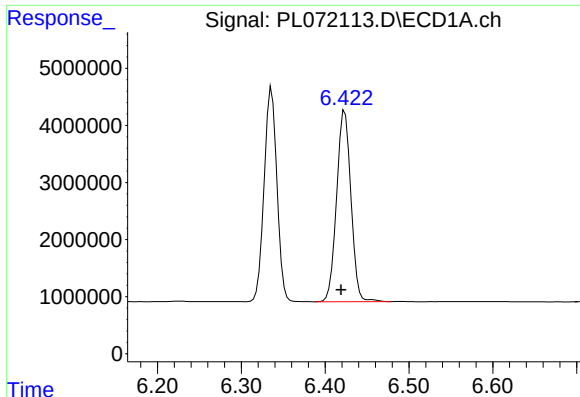
#4 Heptachlor

R.T.: 6.100 min
Delta R.T.: 0.005 min
Response: 41912855
Conc: 48.58 ng/ml



#4 Heptachlor

R.T.: 7.117 min
Delta R.T.: -0.003 min
Response: 116665987
Conc: 50.32 ng/ml



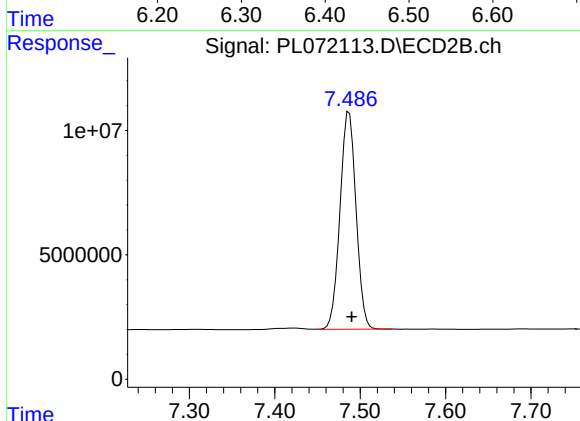
#5 Aldrin

R.T.: 6.424 min
Delta R.T.: 0.004 min
Response: 39778329
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

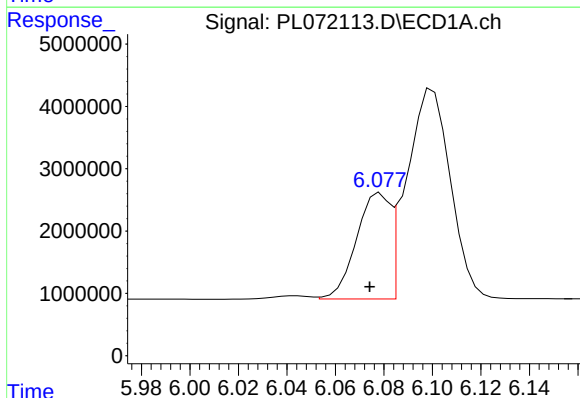
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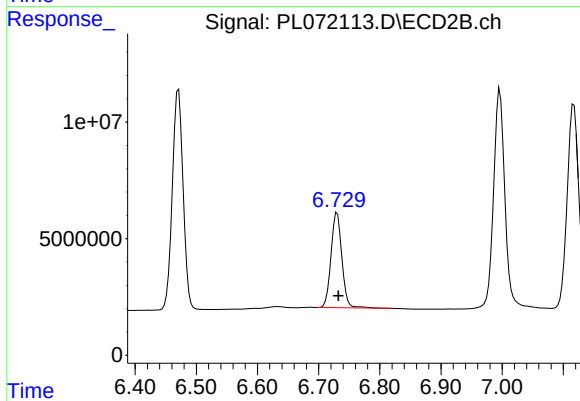
#5 Aldrin

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 114197306
Conc: 51.64 ng/ml



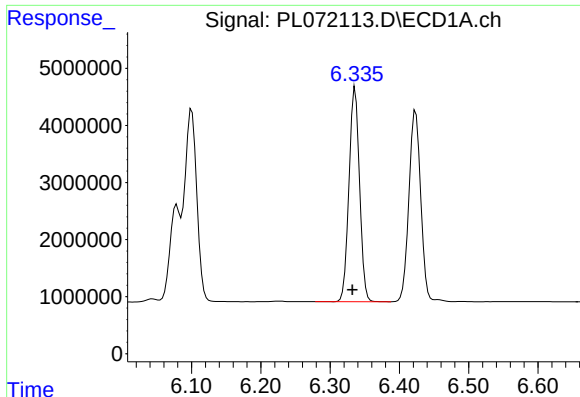
#6 beta-BHC

R.T.: 6.079 min
Delta R.T.: 0.005 min
Response: 16310618
Conc: 49.34 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 50358309
Conc: 50.86 ng/ml



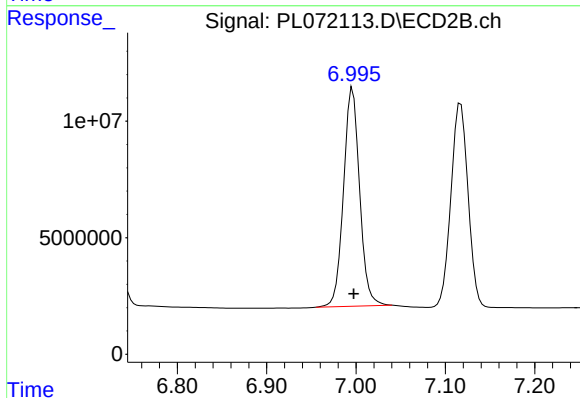
#7 delta-BHC

R.T.: 6.336 min
Delta R.T.: 0.004 min
Response: 39781820
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

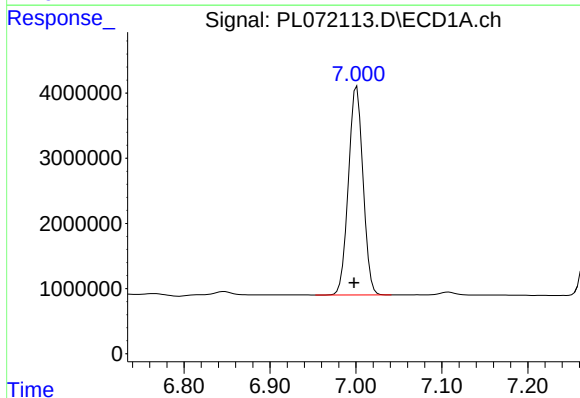
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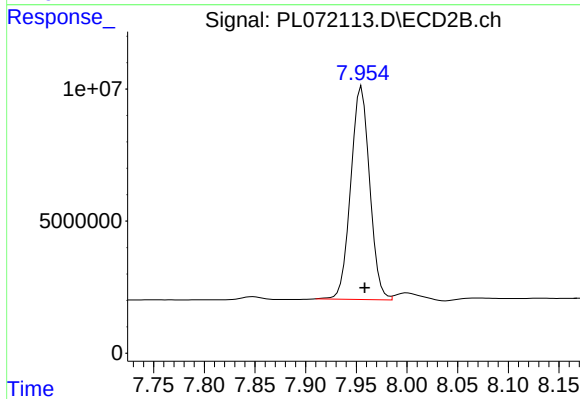
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: -0.001 min
Response: 117530574
Conc: 47.77 ng/ml



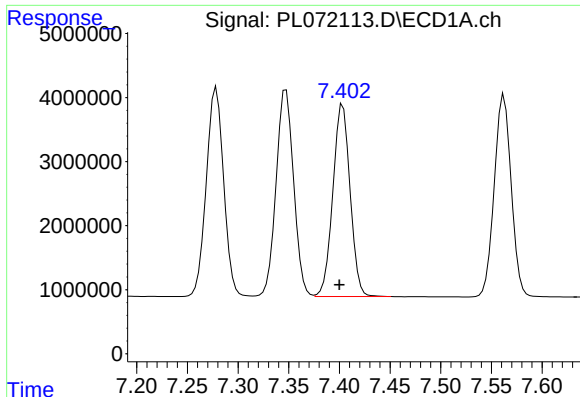
#8 Heptachlor epoxide

R.T.: 7.001 min
Delta R.T.: 0.003 min
Response: 38005617
Conc: 49.93 ng/ml



#8 Heptachlor epoxide

R.T.: 7.955 min
Delta R.T.: -0.003 min
Response: 104888029
Conc: 52.38 ng/ml



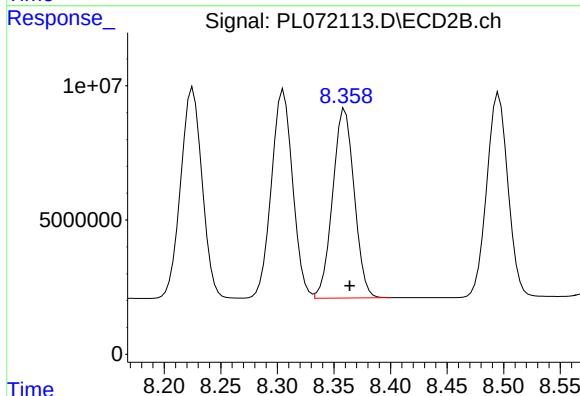
#9 Endosulfan I

R.T.: 7.404 min
Delta R.T.: 0.003 min
Response: 35609738
Conc: 50.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

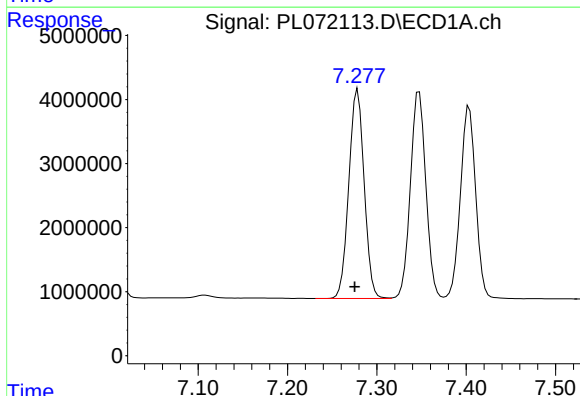
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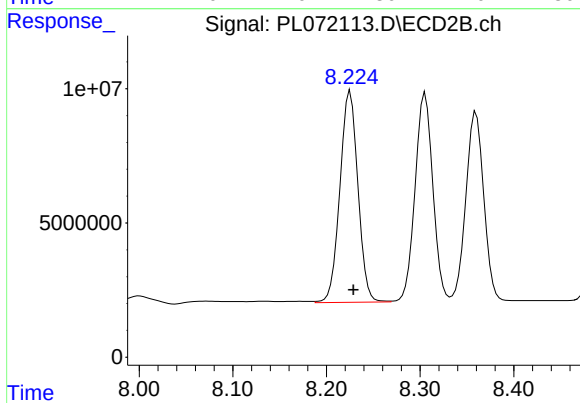
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: -0.004 min
Response: 93484435
Conc: 51.65 ng/ml



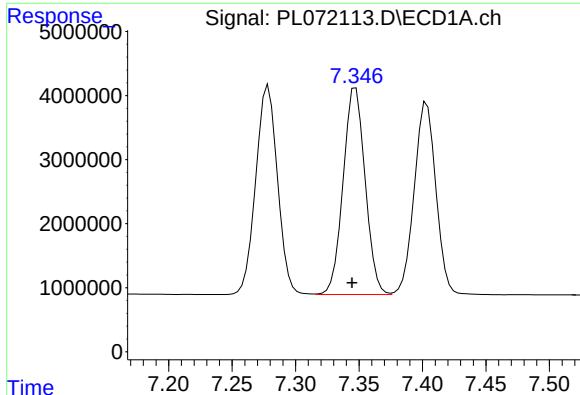
#10 gamma-Chlordane

R.T.: 7.279 min
Delta R.T.: 0.003 min
Response: 38979608
Conc: 49.61 ng/ml



#10 gamma-Chlordane

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 105238235
Conc: 52.08 ng/ml



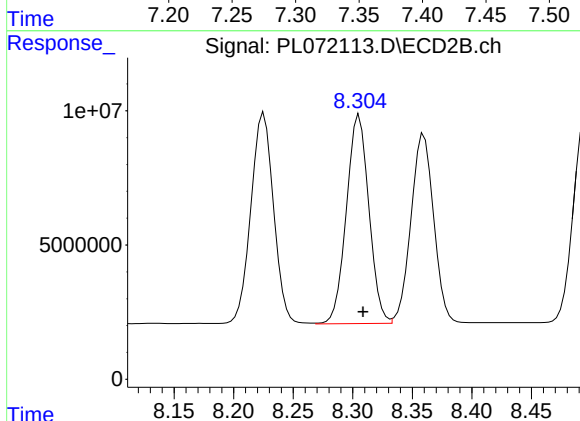
#11 alpha-Chlordane

R.T.: 7.347 min
Delta R.T.: 0.003 min
Response: 38896002
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

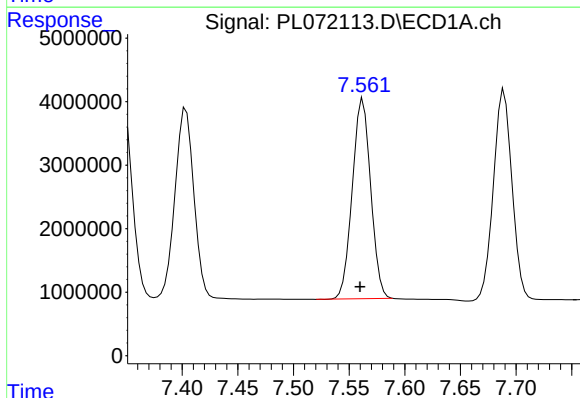
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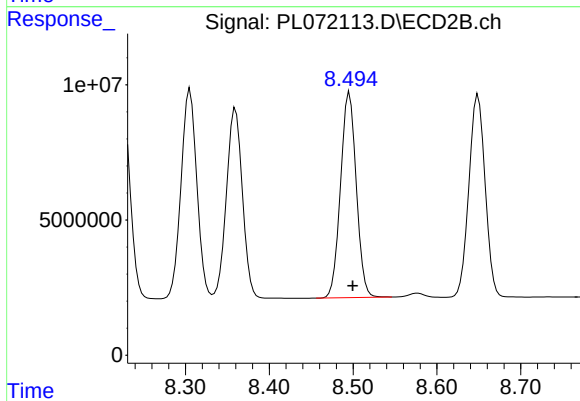
#11 alpha-Chlordane

R.T.: 8.305 min
Delta R.T.: -0.003 min
Response: 102168059
Conc: 51.53 ng/ml



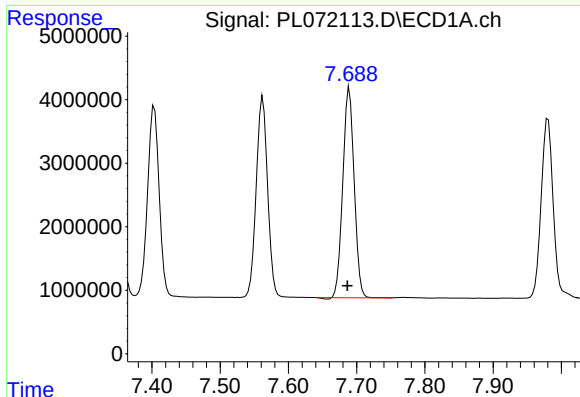
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: 0.003 min
Response: 36263007
Conc: 50.23 ng/ml



#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 99141575
Conc: 52.42 ng/ml



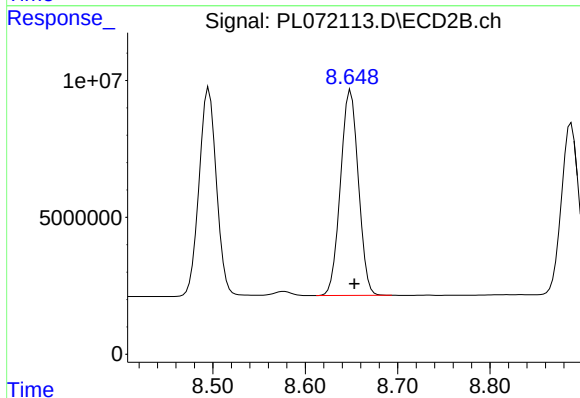
#13 Dieldrin

R.T.: 7.689 min
Delta R.T.: 0.003 min
Response: 38269532
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

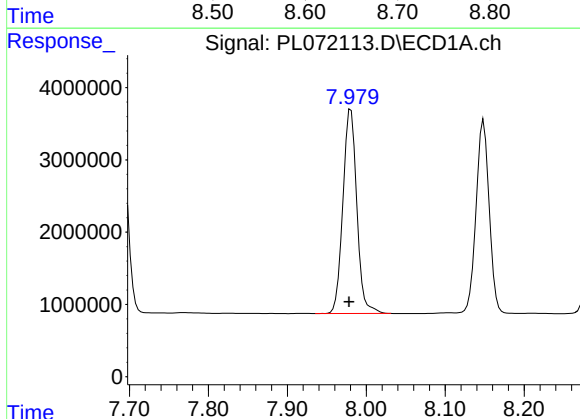
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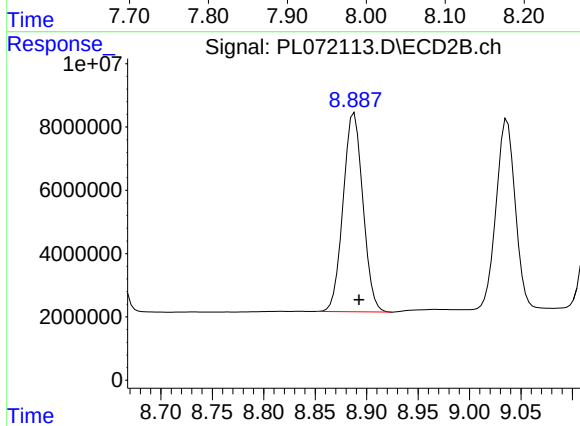
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: -0.004 min
Response: 101057122
Conc: 51.44 ng/ml



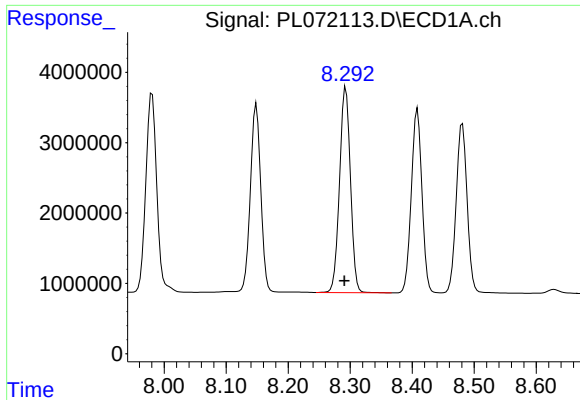
#14 Endrin

R.T.: 7.981 min
Delta R.T.: 0.002 min
Response: 34693667
Conc: 49.52 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: -0.005 min
Response: 84058030
Conc: 50.70 ng/ml



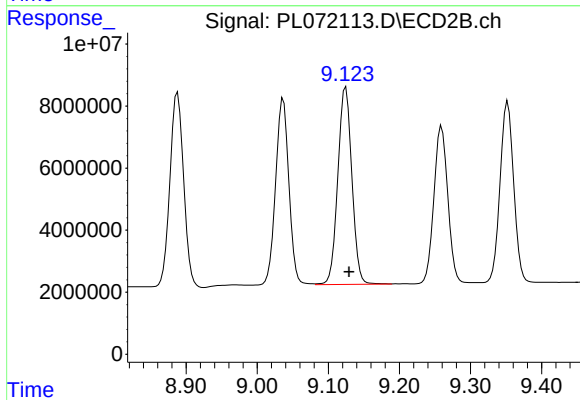
#15 Endosulfan II

R.T.: 8.293 min
Delta R.T.: 0.002 min
Response: 35767268
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

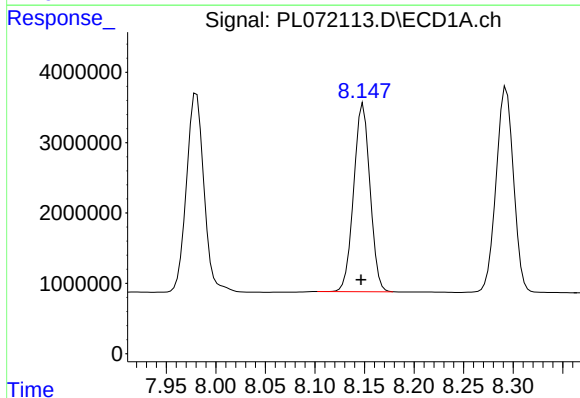
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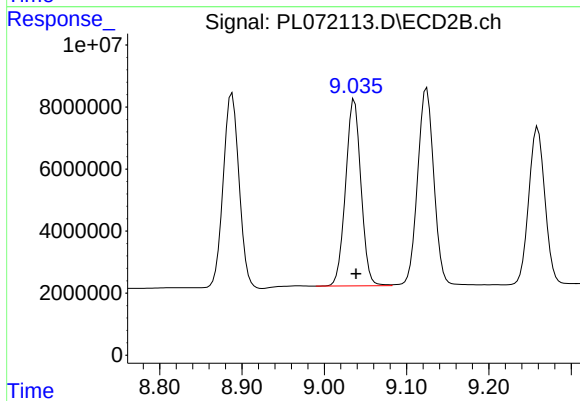
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: -0.004 min
Response: 87336088
Conc: 50.93 ng/ml



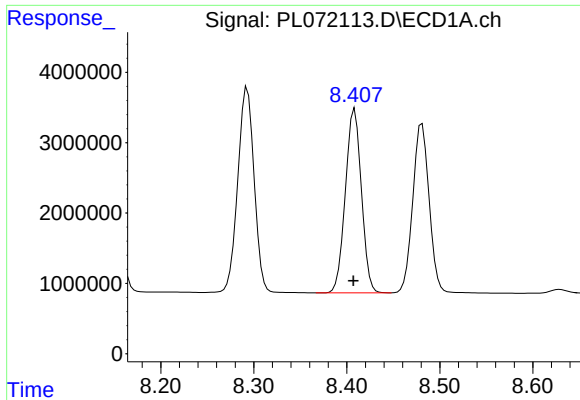
#16 4,4'-DDD

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 30684475
Conc: 52.34 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.002 min
Response: 78223038
Conc: 54.71 ng/ml



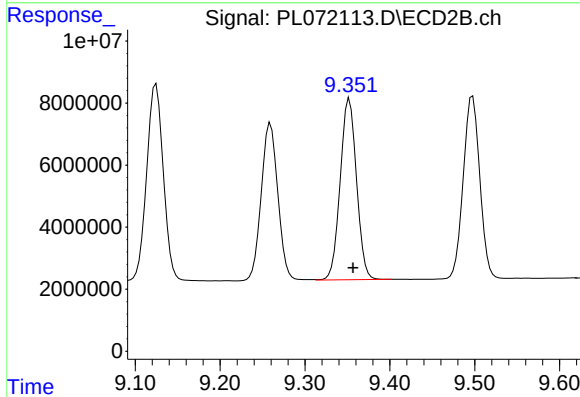
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: 0.001 min
Response: 31308253
Conc: 47.15 ng/ml

Instrument :
ECD_L
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SOIL IDOC 01

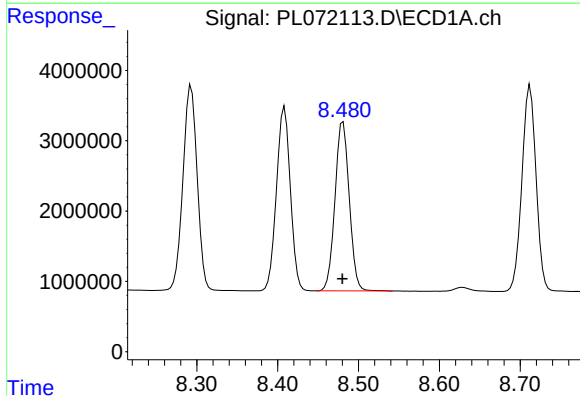
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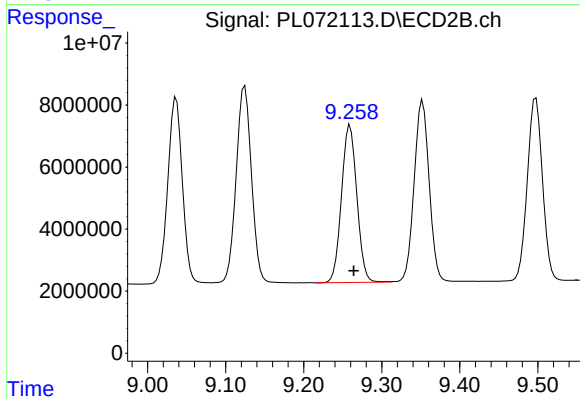
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: -0.005 min
Response: 78004488
Conc: 49.35 ng/ml



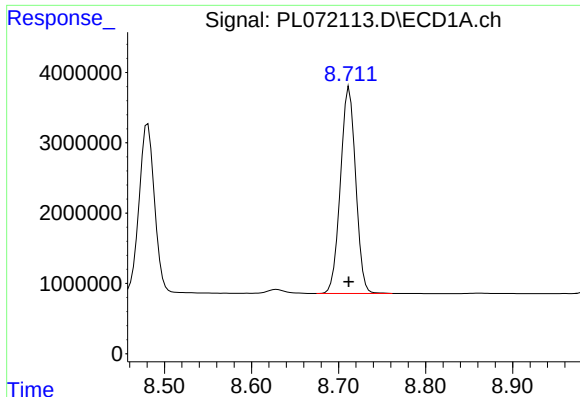
#18 Endrin aldehyde

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 29466733
Conc: 51.72 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: -0.005 min
Response: 69218881
Conc: 55.76 ng/ml



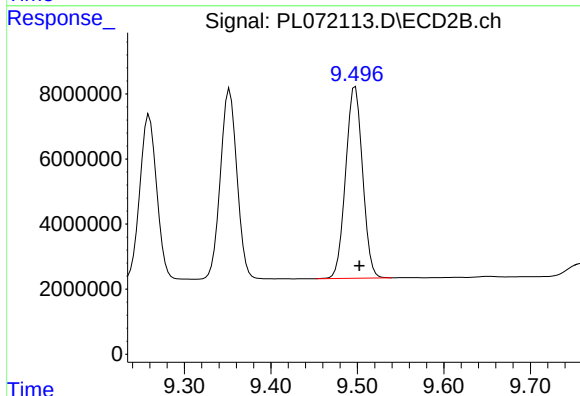
#19 Endosulfan Sulfate

R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 35640821
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

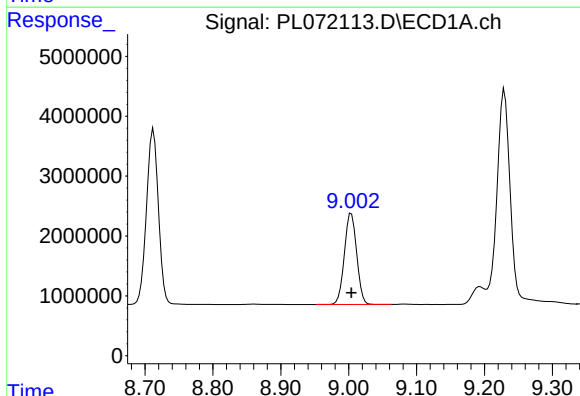
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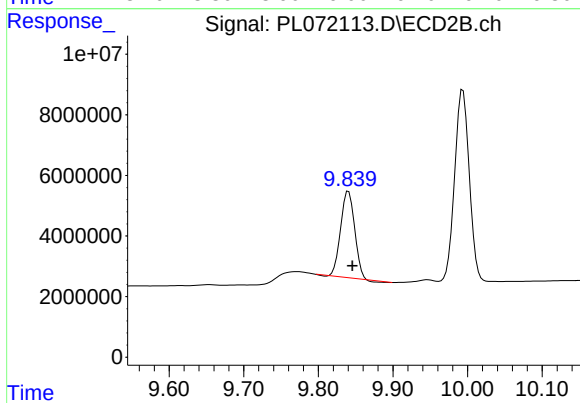
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.005 min
Response: 79781516
Conc: 51.10 ng/ml



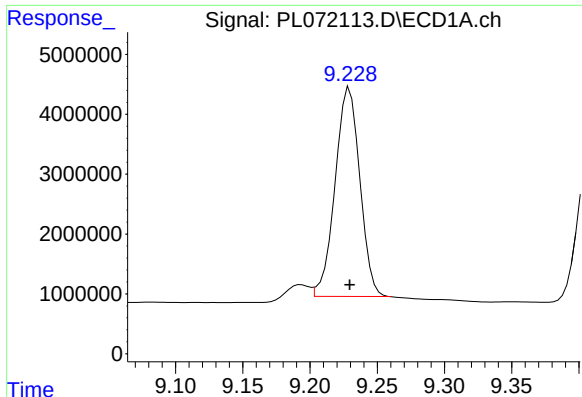
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: 0.000 min
Response: 19225481
Conc: 45.57 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.005 min
Response: 36785035
Conc: 44.41 ng/ml



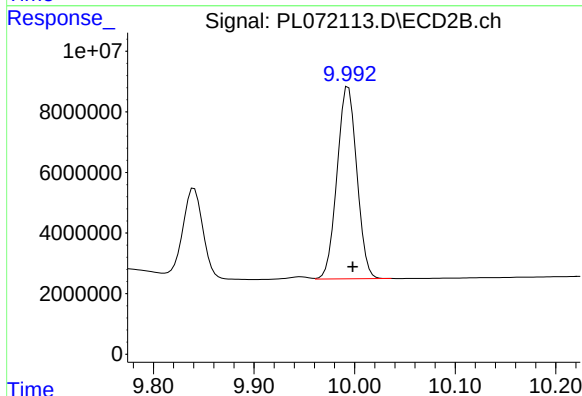
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: -0.002 min
Response: 44381247
Conc: 53.30 ng/ml

Instrument :
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ClientSampleId :
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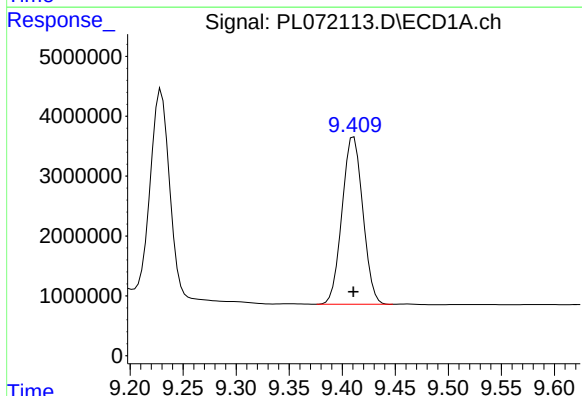
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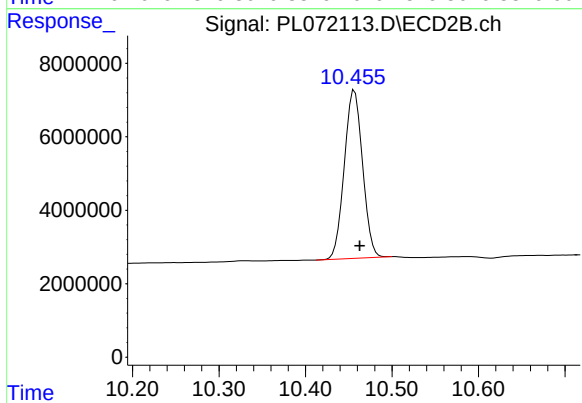
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: -0.004 min
Response: 86364465
Conc: 52.18 ng/ml



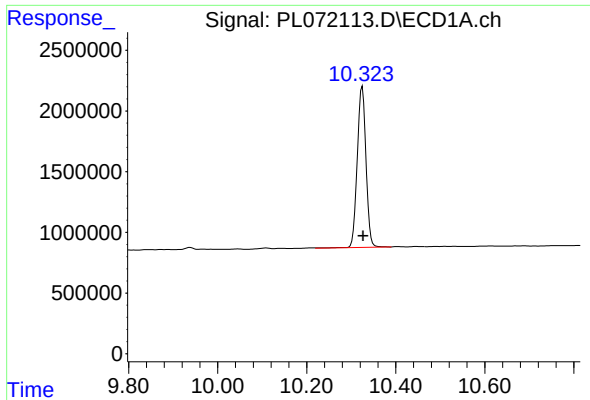
#22 Mirex

R.T.: 9.411 min
Delta R.T.: 0.000 min
Response: 38061450
Conc: 51.54 ng/ml



#22 Mirex

R.T.: 10.457 min
Delta R.T.: -0.006 min
Response: 66924334
Conc: 53.63 ng/ml



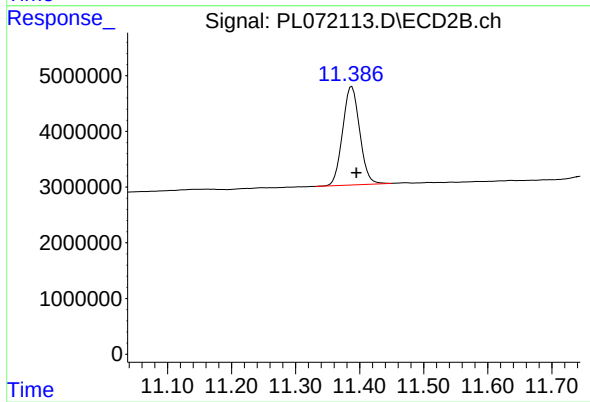
#28 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: -0.002 min
Response: 18104704
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 01

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 32705233
Conc: 20.27 ng/ml