

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072122.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 13:29
 Operator : AR\AJ
 Sample : N1189-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MTR-SOIL-1MS

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 04:20:21 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	3915628	12760410	7.053	7.857
28)	SA Decachlor...	10.317	11.382	5404643	9581867	6.083	5.939m
Target Compounds							
2)	A alpha-BHC	5.262	6.073	32589208	100.9E6	42.147	41.827
3)	MA gamma-BHC...	5.685	6.469	32068028	93750465	42.529	41.661
4)	MA Heptachlor	6.091	7.115	35258743	92101107	40.871	39.725
5)	MB Aldrin	6.415	7.485	33995395	88694969	43.052	40.111
6)	B beta-BHC	6.069	6.728	14410904	41636958	43.595	42.053
7)	B delta-BHC	6.328	6.994	24032005	69713573	30.338	28.335
8)	B Heptachlo...	6.992	7.952	32325259	78353330	42.464	39.132
9)	A Endosulfan I	7.394	8.357	29830933	74266384	41.973	41.029
10)	B gamma-Chl...	7.270	8.222	32962187	87352326	41.952	43.226
11)	B alpha-Chl...	7.339	8.302	32756641	82815142	41.755	41.767
12)	B 4,4'-DDE	7.554	8.493	30609595	77023190	42.397	40.726
13)	MA Dieldrin	7.681	8.647	32031685	78283468	42.279	39.847
14)	MA Endrin	7.972	8.886	27928761	56427098	39.860	34.033
15)	B Endosulfa...	8.284	9.122	29213922	66963988	39.291	39.048
16)	A 4,4'-DDD	8.140	9.033	25856895	59268526	44.108	41.453
17)	MA 4,4'-DDT	8.401	9.350	23816246	54762234	35.864	34.648
18)	B Endrin al...	8.473	9.257	23008645	47707233	40.384	38.431
19)	B Endosulfa...	8.705	9.494	27210346	53801571	37.113	34.463
20)	A Methoxychlor	8.997	9.838	14523636	28355351	34.425	34.231
21)	B Endrin ke...	9.221	9.991	33098236	63618623	39.748	38.440
22)	Mirex	9.404	10.454	31015148	51148569	41.998	40.992

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072122.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 13:29
 Operator : AR\AJ
 Sample : N1189-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

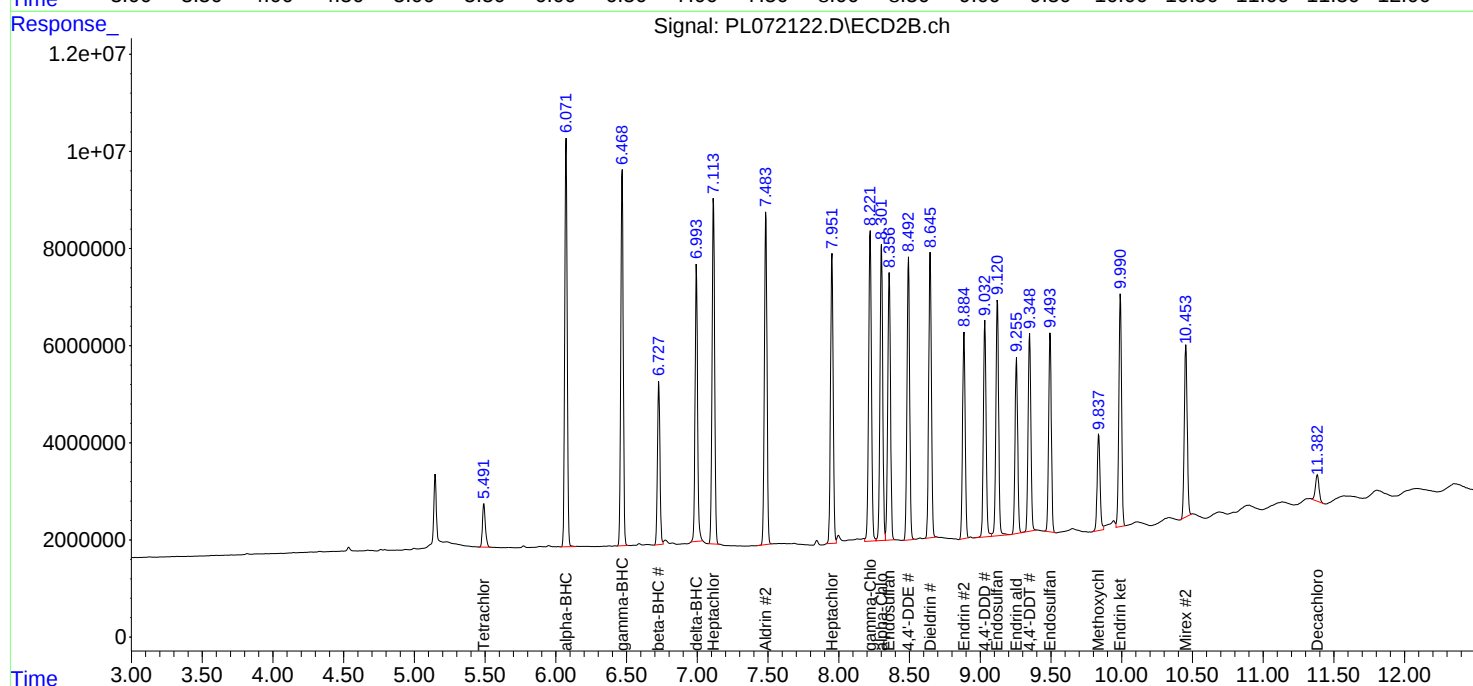
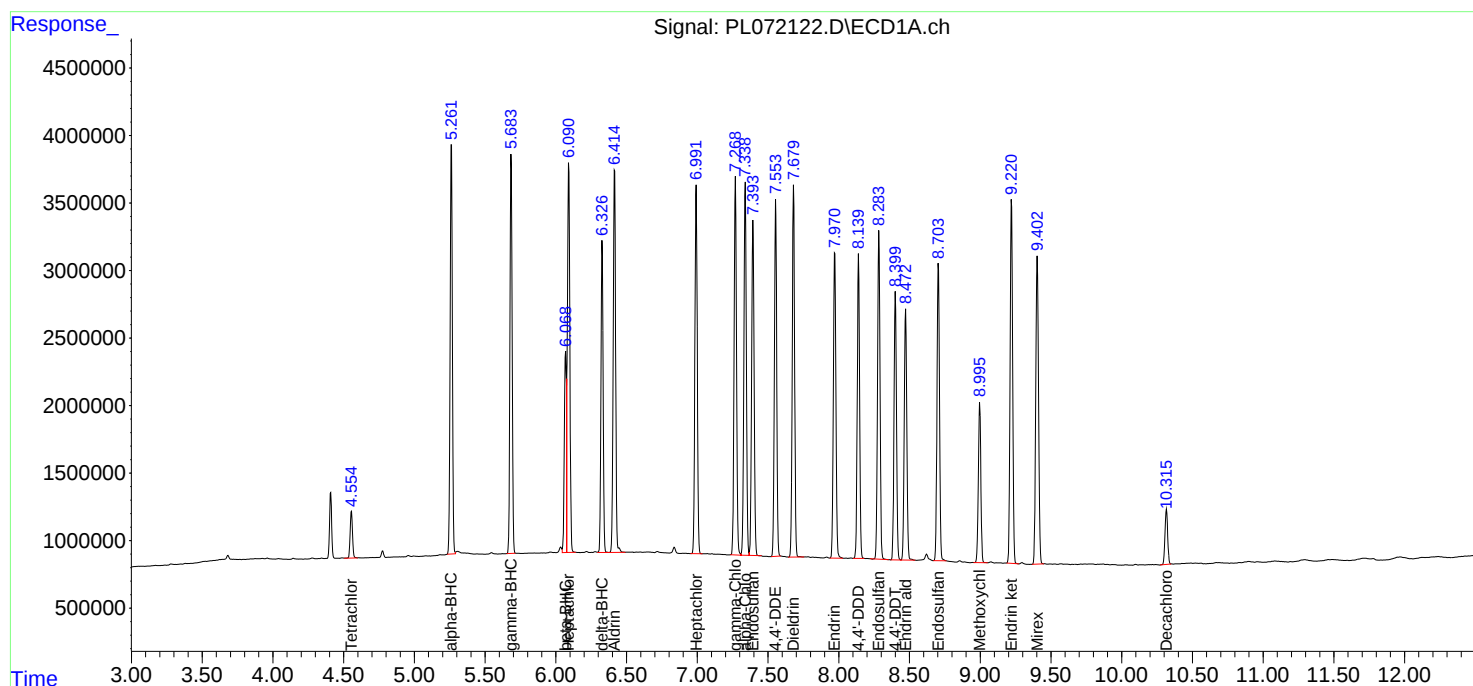
Instrument :
 ECD_L
 ClientSampleId :
 MTR-SOIL-1MS

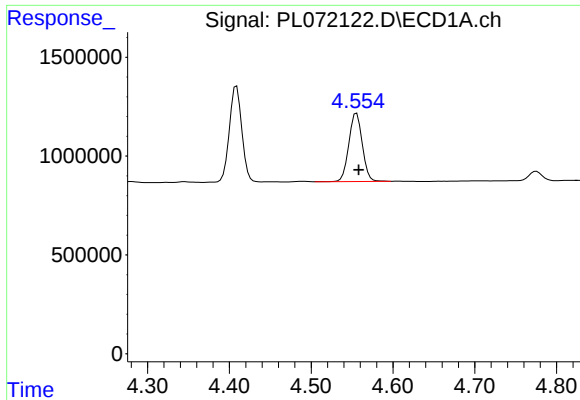
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 01/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:20:21 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





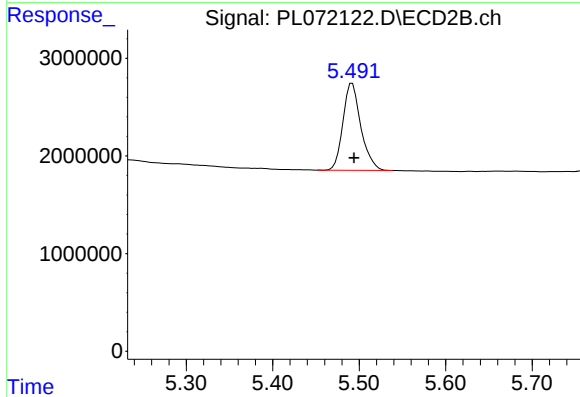
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 3915628
Conc: 7.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

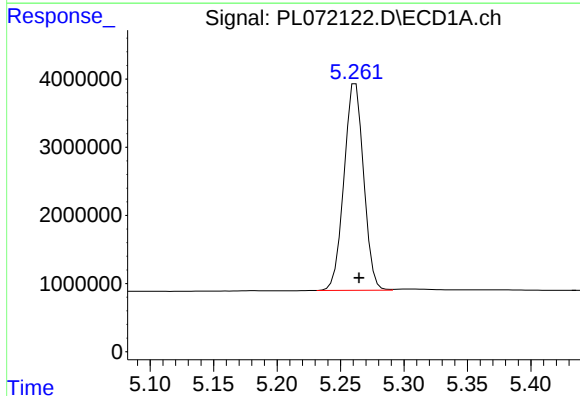
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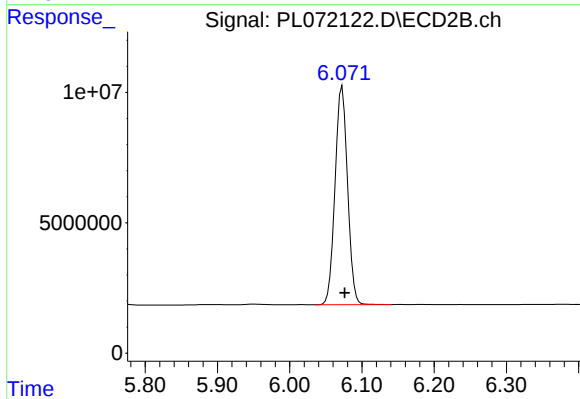
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 12760410
Conc: 7.86 ng/ml



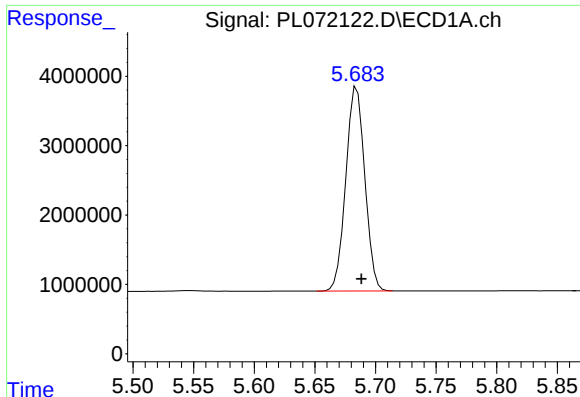
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 32589208
Conc: 42.15 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 100923459
Conc: 41.83 ng/ml



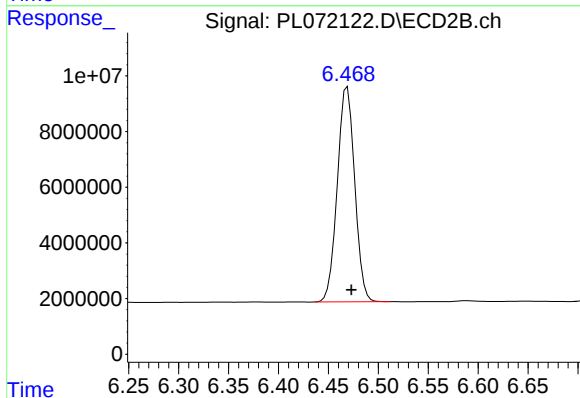
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: 32068028
Conc: 42.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

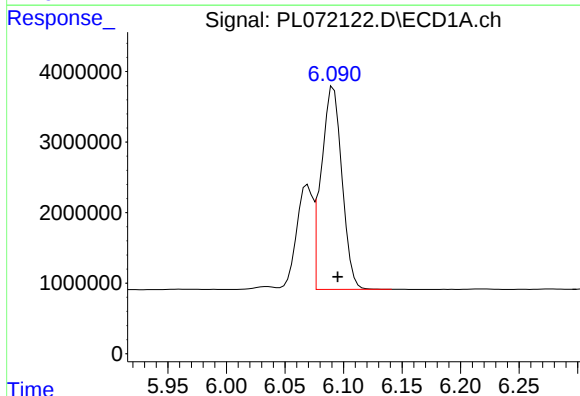
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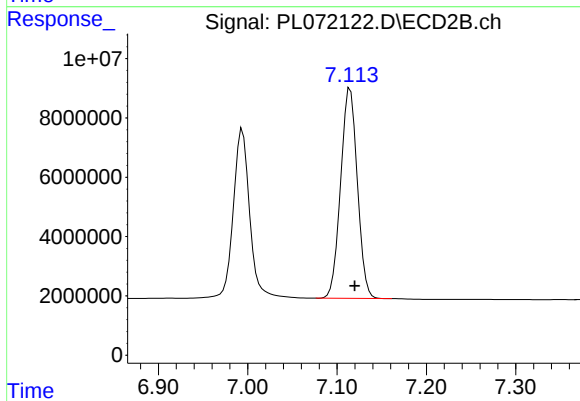
#3 gamma-BHC (Lindane)

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 93750465
Conc: 41.66 ng/ml



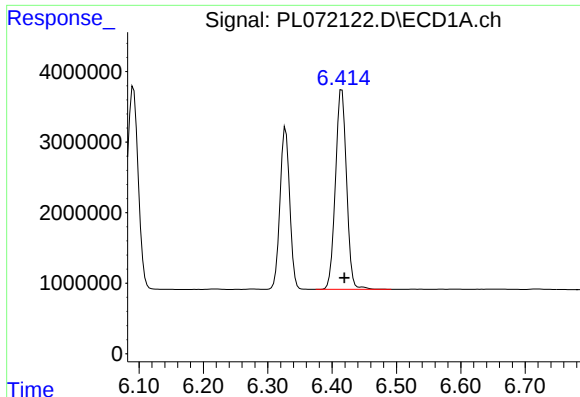
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 35258743
Conc: 40.87 ng/ml



#4 Heptachlor

R.T.: 7.115 min
Delta R.T.: -0.005 min
Response: 92101107
Conc: 39.72 ng/ml



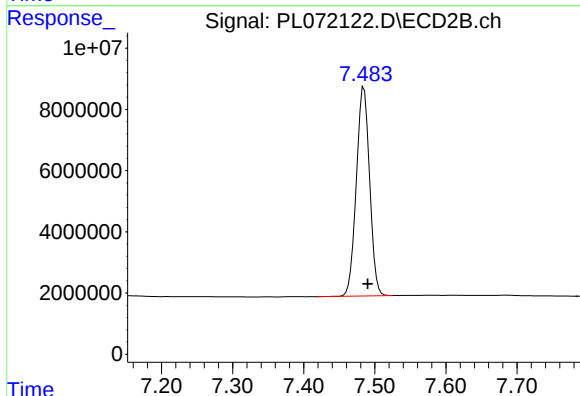
#5 Aldrin

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 33995395
Conc: 43.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

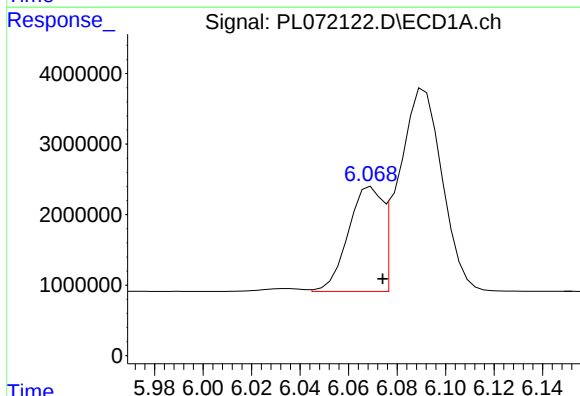
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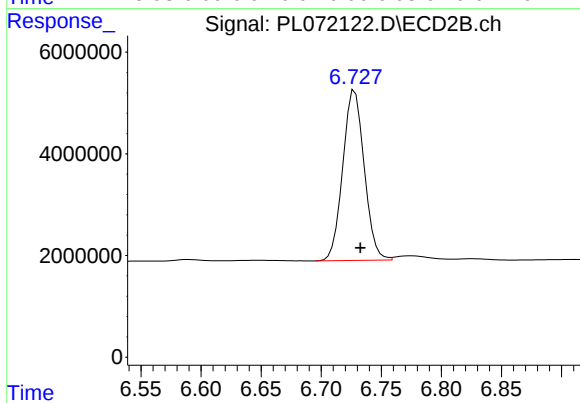
#5 Aldrin

R.T.: 7.485 min
Delta R.T.: -0.005 min
Response: 88694969
Conc: 40.11 ng/ml



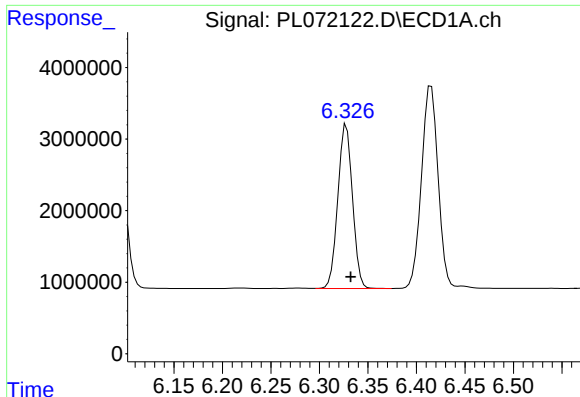
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 14410904
Conc: 43.60 ng/ml



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 41636958
Conc: 42.05 ng/ml



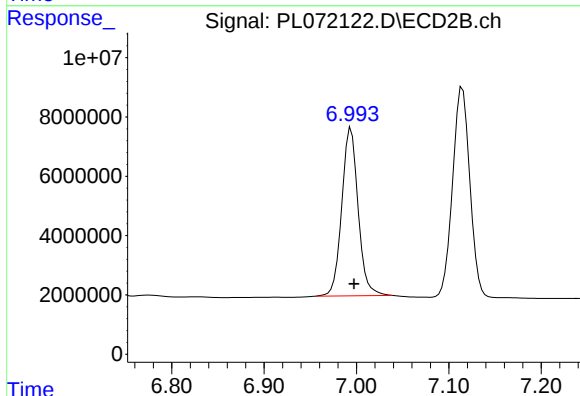
#7 delta-BHC

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 24032005
Conc: 30.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

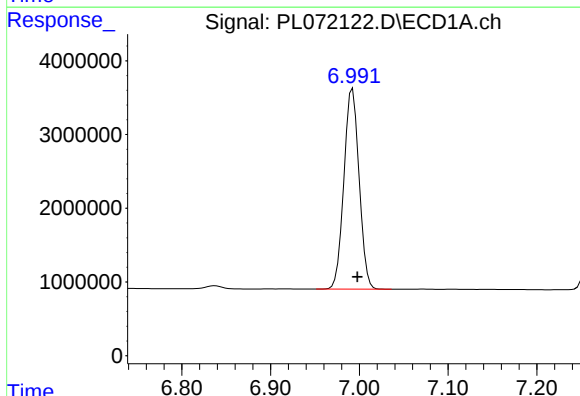
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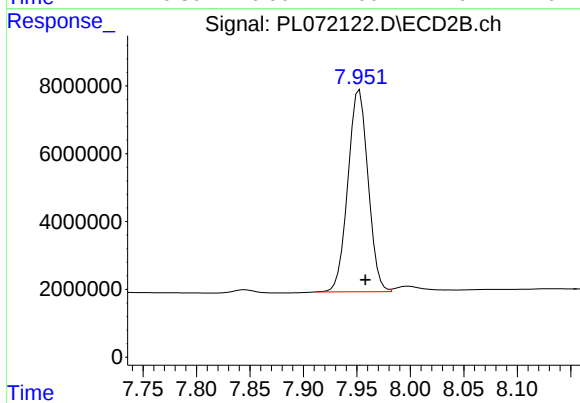
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.004 min
Response: 69713573
Conc: 28.34 ng/ml



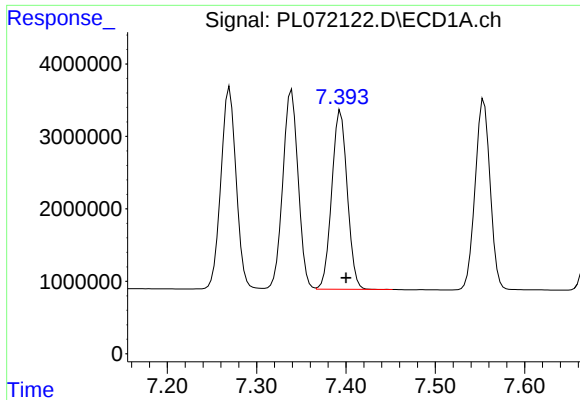
#8 Heptachlor epoxide

R.T.: 6.992 min
Delta R.T.: -0.005 min
Response: 32325259
Conc: 42.46 ng/ml



#8 Heptachlor epoxide

R.T.: 7.952 min
Delta R.T.: -0.006 min
Response: 78353330
Conc: 39.13 ng/ml



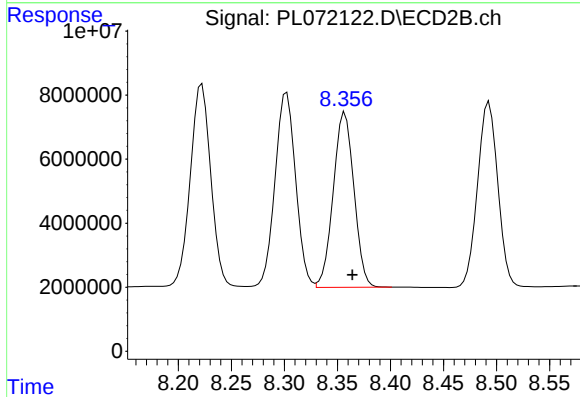
#9 Endosulfan I

R.T.: 7.394 min
Delta R.T.: -0.006 min
Response: 29830933
Conc: 41.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

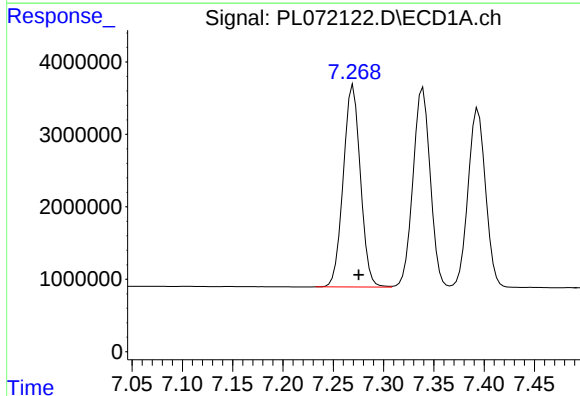
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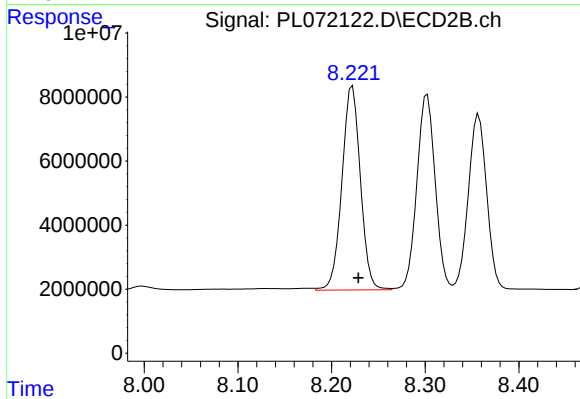
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.007 min
Response: 74266384
Conc: 41.03 ng/ml



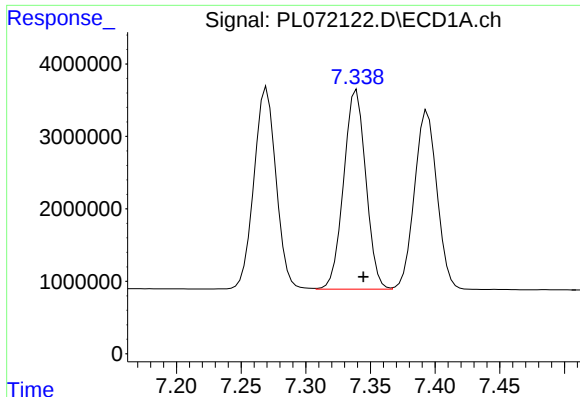
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 32962187
Conc: 41.95 ng/ml



#10 gamma-Chlordane

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 87352326
Conc: 43.23 ng/ml



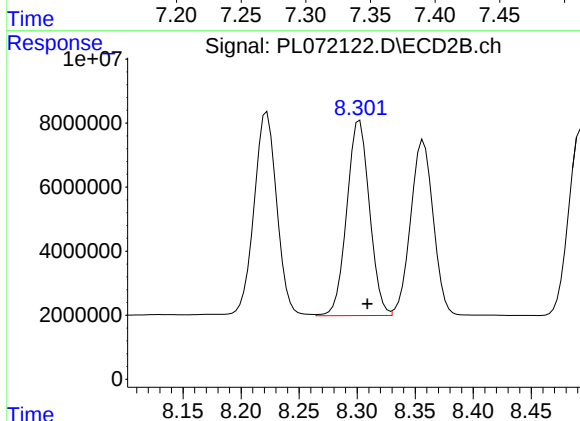
#11 alpha-Chlordane

R.T.: 7.339 min
Delta R.T.: -0.005 min
Response: 32756641
Conc: 41.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

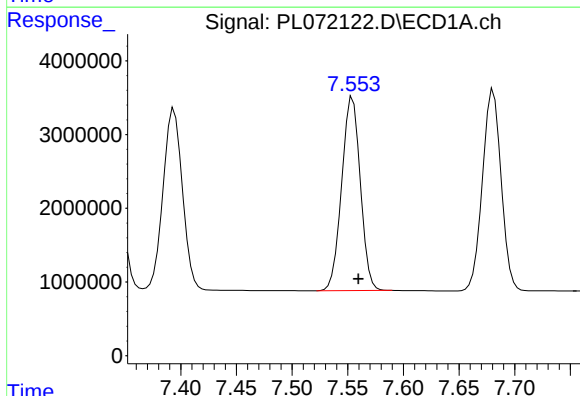
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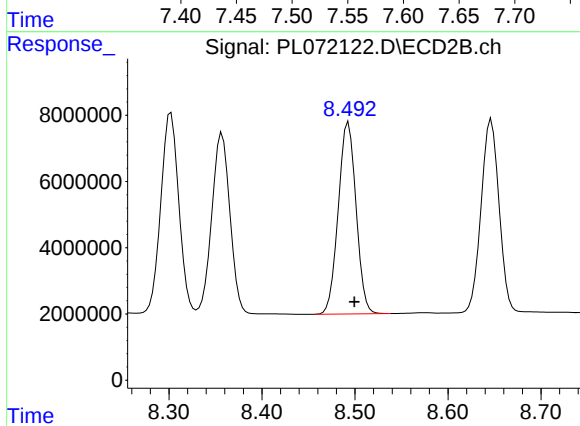
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 82815142
Conc: 41.77 ng/ml



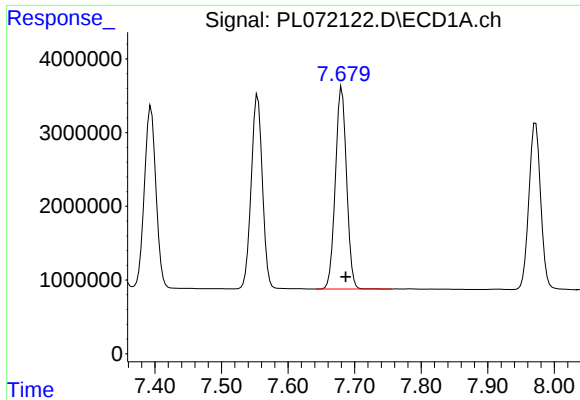
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: -0.005 min
Response: 30609595
Conc: 42.40 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 77023190
Conc: 40.73 ng/ml



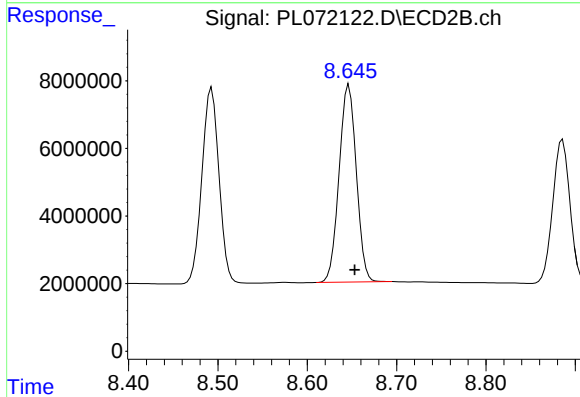
#13 Dieldrin

R.T.: 7.681 min
Delta R.T.: -0.006 min
Response: 32031685
Conc: 42.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

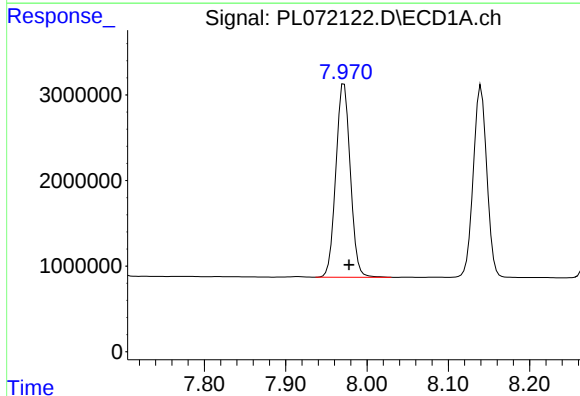
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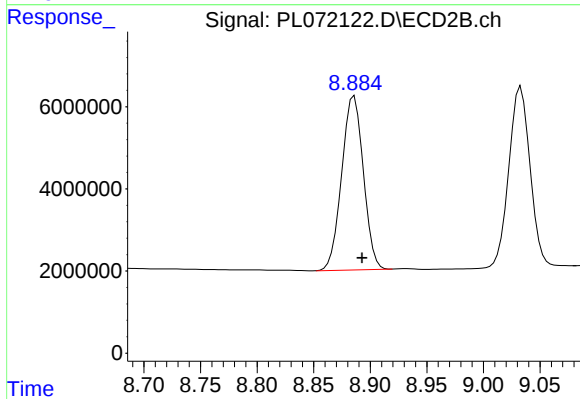
#13 Dieldrin

R.T.: 8.647 min
Delta R.T.: -0.007 min
Response: 78283468
Conc: 39.85 ng/ml



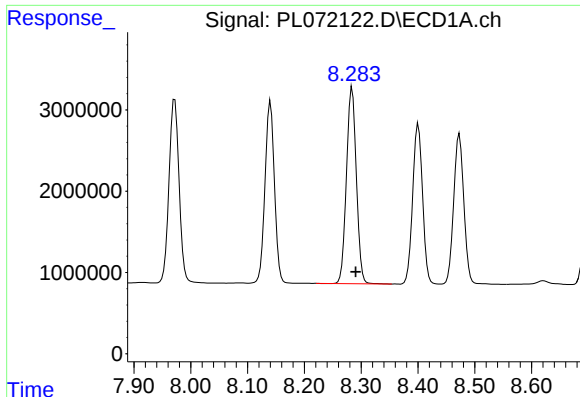
#14 Endrin

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 27928761
Conc: 39.86 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: -0.007 min
Response: 56427098
Conc: 34.03 ng/ml



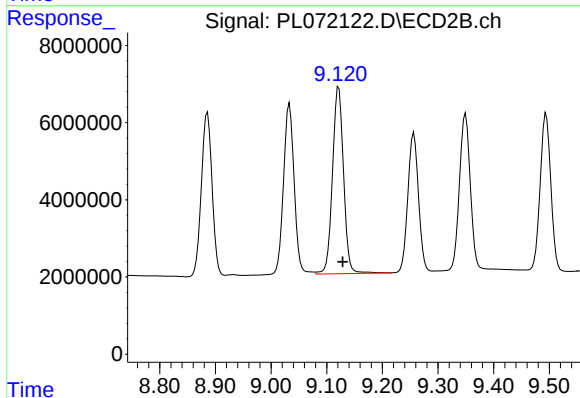
#15 Endosulfan II

R.T.: 8.284 min
Delta R.T.: -0.007 min
Response: 29213922
Conc: 39.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

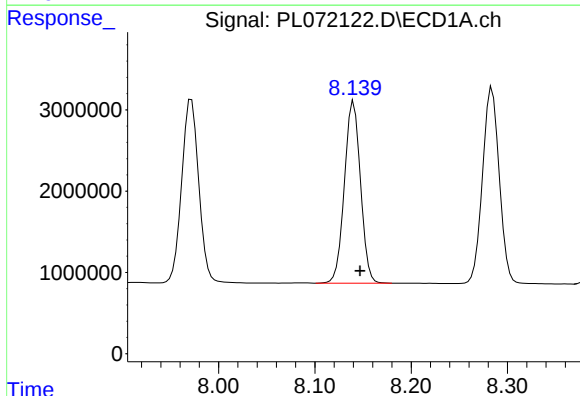
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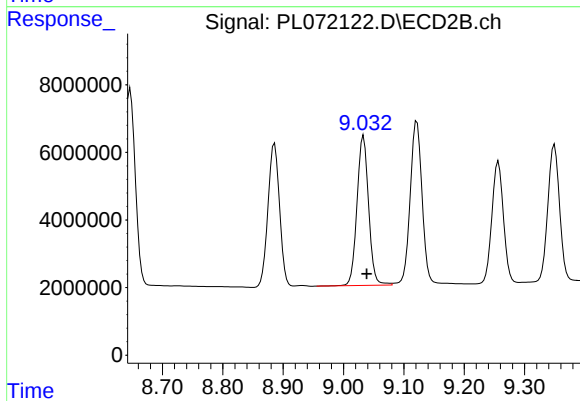
#15 Endosulfan II

R.T.: 9.122 min
Delta R.T.: -0.008 min
Response: 66963988
Conc: 39.05 ng/ml



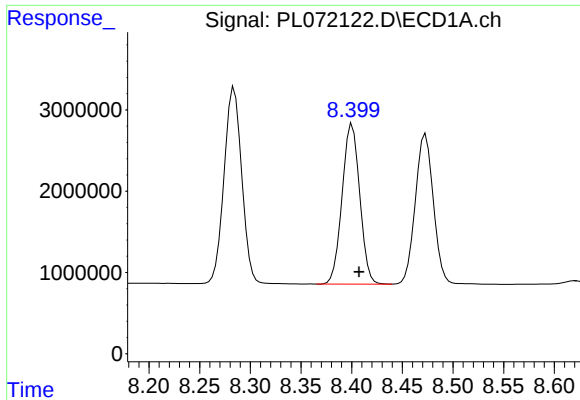
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 25856895
Conc: 44.11 ng/ml



#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 59268526
Conc: 41.45 ng/ml



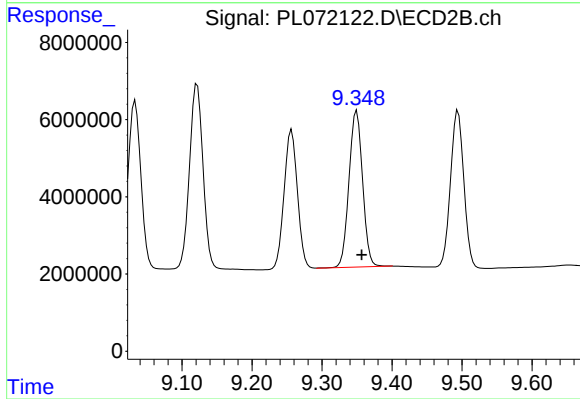
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: -0.007 min
Response: 23816246
Conc: 35.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

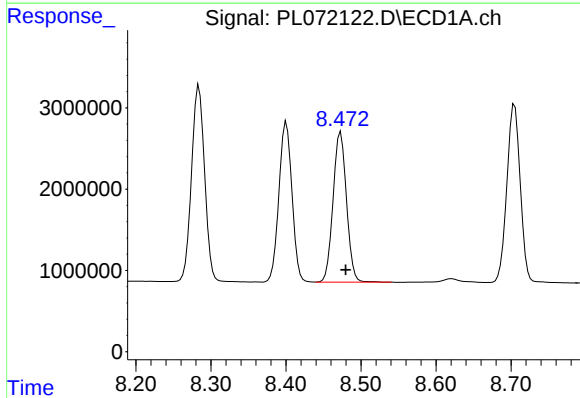
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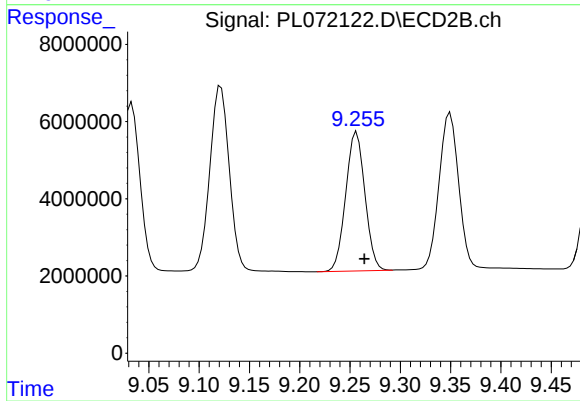
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.007 min
Response: 54762234
Conc: 34.65 ng/ml



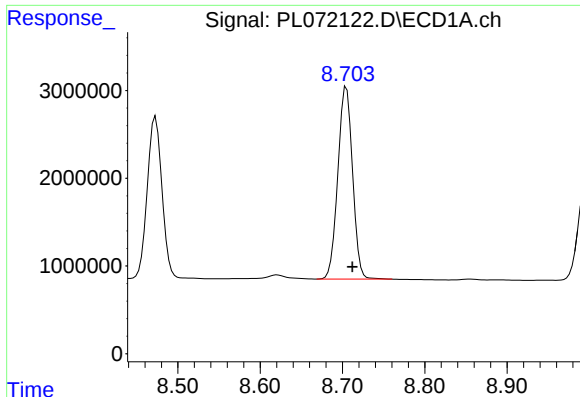
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.007 min
Response: 23008645
Conc: 40.38 ng/ml



#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: -0.008 min
Response: 47707233
Conc: 38.43 ng/ml



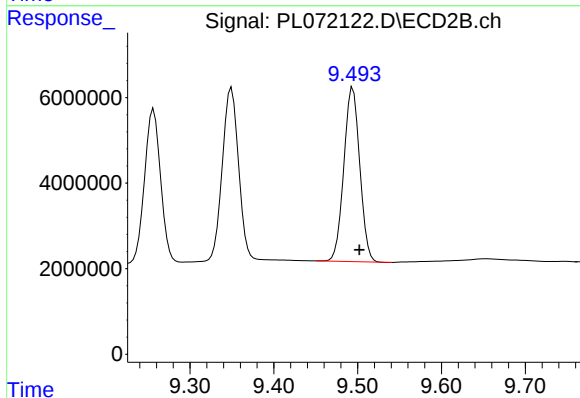
#19 Endosulfan Sulfate

R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 27210346
Conc: 37.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

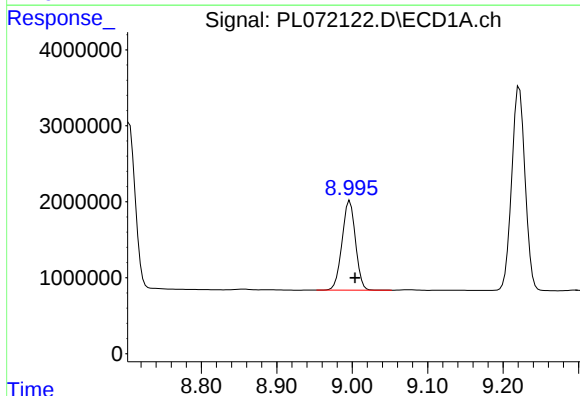
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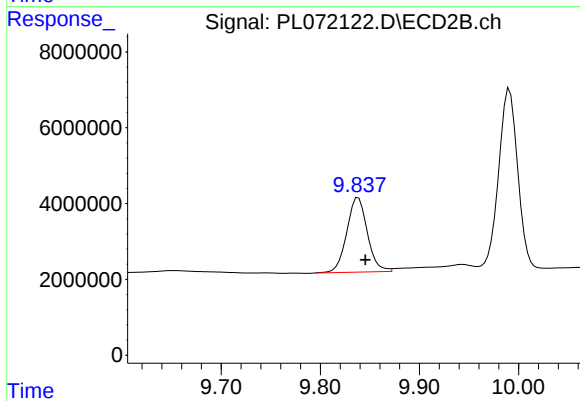
#19 Endosulfan Sulfate

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 53801571
Conc: 34.46 ng/ml



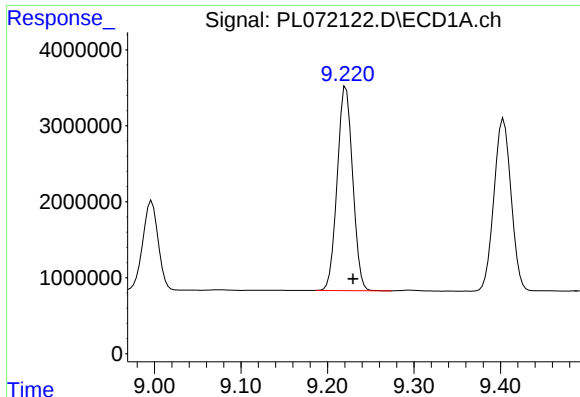
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 14523636
Conc: 34.42 ng/ml



#20 Methoxychlor

R.T.: 9.838 min
Delta R.T.: -0.007 min
Response: 28355351
Conc: 34.23 ng/ml



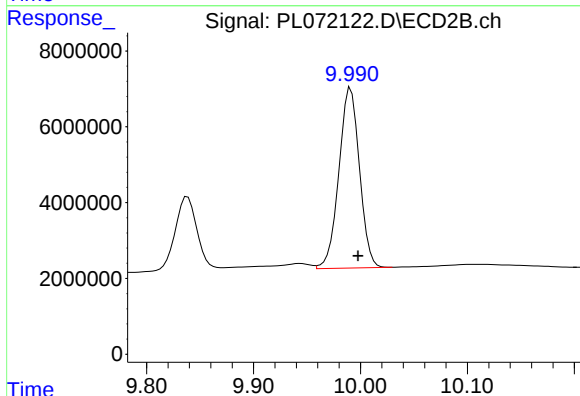
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.008 min
Response: 33098236
Conc: 39.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

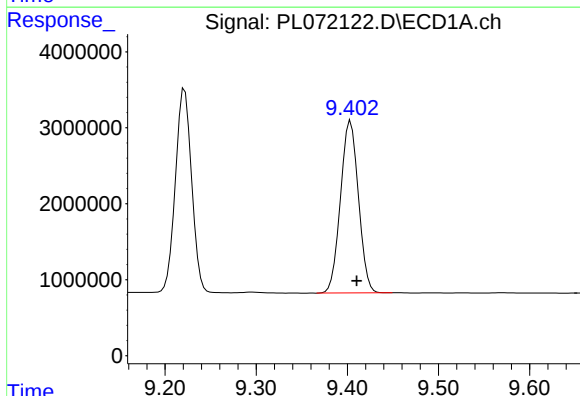
Manual Integrations
APPROVED

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



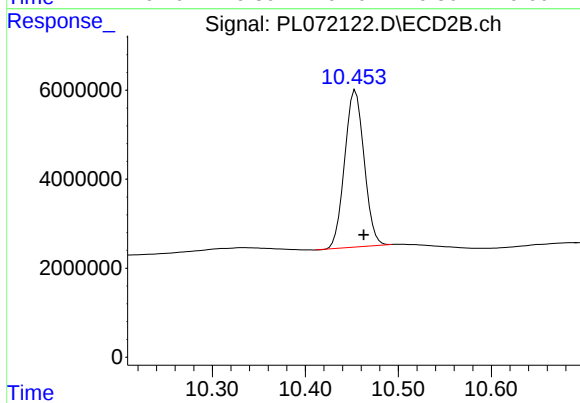
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 63618623
Conc: 38.44 ng/ml



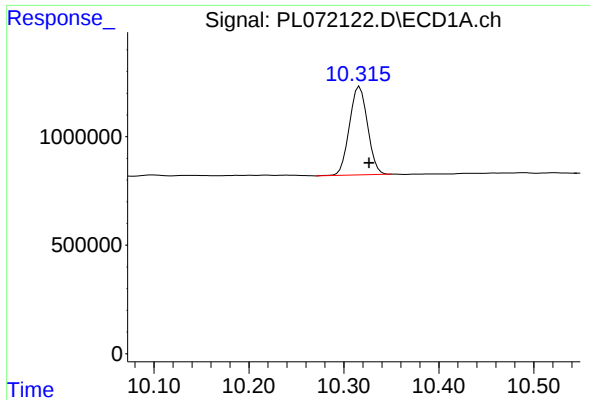
#22 Mirex

R.T.: 9.404 min
Delta R.T.: -0.007 min
Response: 31015148
Conc: 42.00 ng/ml



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.009 min
Response: 51148569
Conc: 40.99 ng/ml



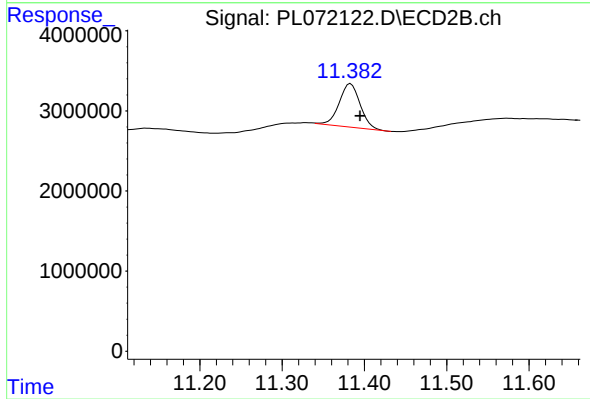
#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: -0.010 min
Response: 5404643
Conc: 6.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MTR-SOIL-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.382 min
Delta R.T.: -0.012 min
Response: 9581867
Conc: 5.94 ng/ml m