

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 12:43
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/30/2022
 Supervised By : Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 00:14:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 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...	5.641	4.633	14719006	34924057	19.461	18.414
28)	SA Decachlor...	11.632	10.371	13304925	29678963	21.144	19.324
Target Compounds							
2)	A alpha-BHC	6.225	5.333	2231922	5468734	2.260	2.237
3)	MA gamma-BHC...	6.623	5.753	2188148	5942636	2.364	2.571
4)	MA Heptachlor	7.278	6.160	2699280	6183801	2.943	2.726
5)	MB Aldrin	7.651	6.484	2004200	5234253	2.414	2.535
6)	B beta-BHC	6.876	6.133	1390887	3049984	3.176	2.924
7)	B delta-BHC	7.144	6.392	2116826	5683303	2.711	2.516
8)	B Heptachlo...	8.117	7.058	1977032	5453702	2.483m	2.843
9)	A Endosulfan I	8.526	7.459	1990356	4817018	2.753	2.743
10)	B gamma-Chl...	8.389	7.334	2290088	5537042	2.946	2.880
11)	B alpha-Chl...	8.471	7.403	2172081	5486502	2.797	2.867
12)	B 4,4'-DDE	8.657	7.615	1706987	4305102	2.525	2.536
13)	MA Dieldrin	8.817	7.744	1979047	4924620	2.696	2.737
14)	MA Endrin	9.058	8.034	1537179	4412709	2.465	2.904
15)	B Endosulfa...	9.292	8.345	1992220	4205261	3.140	2.782
16)	A 4,4'-DDD	9.198	8.197	1406158	3654527	2.480	2.635m
17)	MA 4,4'-DDT	9.517	8.458	1733716	3822192	2.840	2.584
18)	B Endrin al...	9.427	8.532	1407724	3504358	2.725	2.935
19)	B Endosulfa...	9.663	8.762	1875006	4773127	2.925m	3.111
20)	A Methoxychlor	10.003	9.050	1040677	2429999	3.034	2.854
21)	B Endrin ke...	10.168	9.279	2618422	4421459	3.633	2.676 #
22)	Mirex	10.640	9.465	1737065	4039800	3.230	3.019

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 12:43
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 9 Sample Multiplier: 1

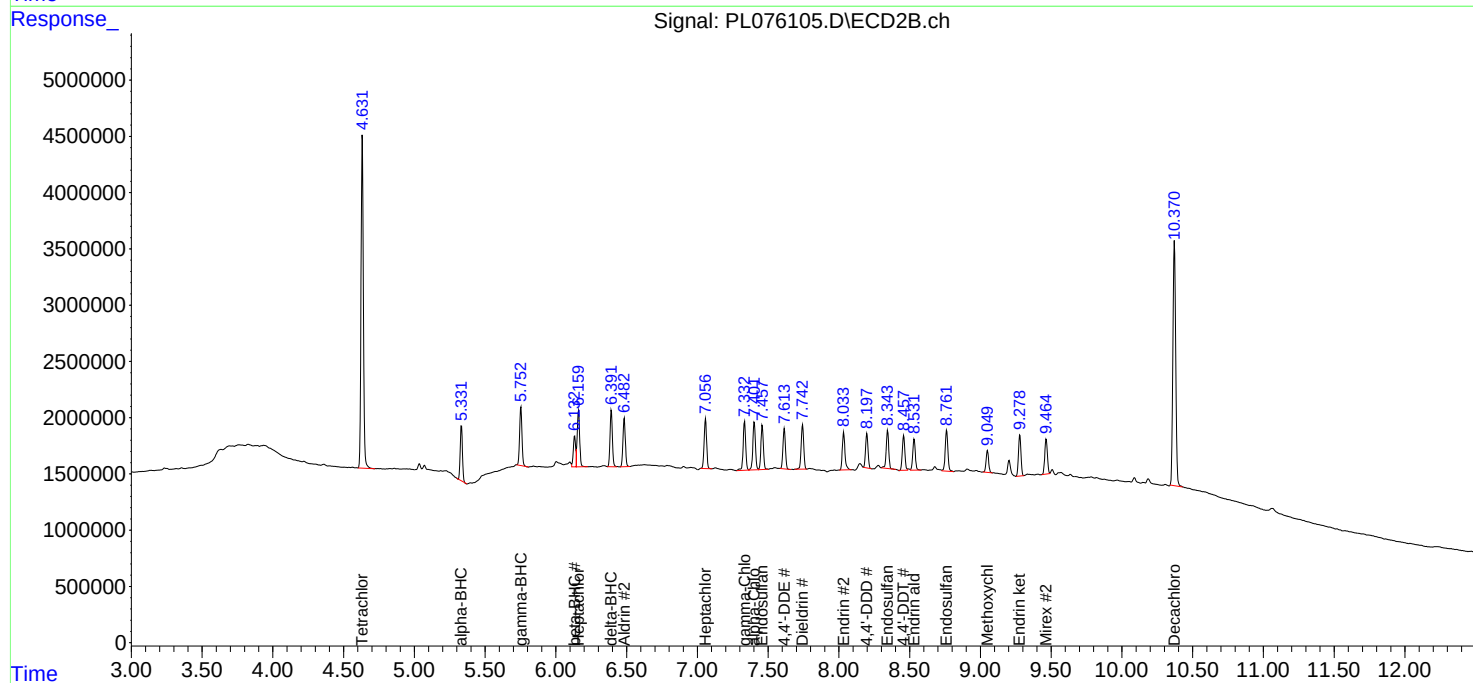
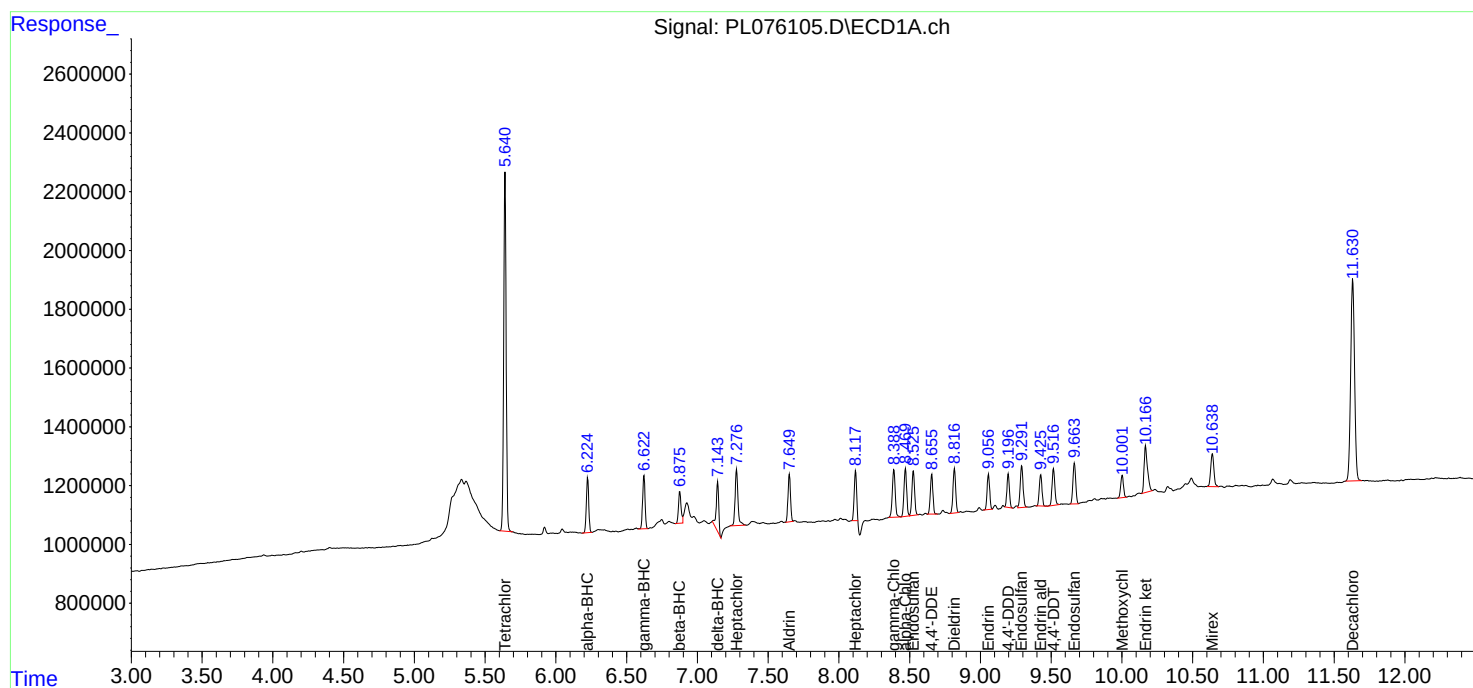
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

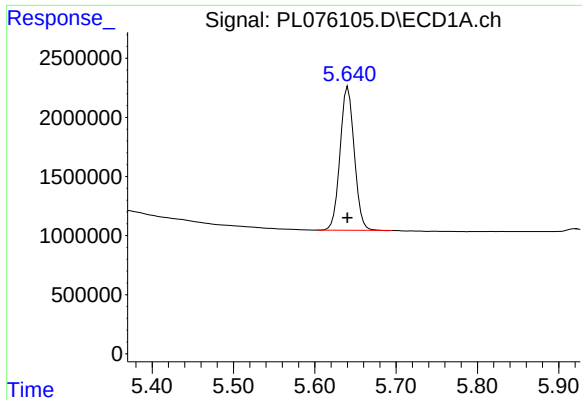
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 00:14:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
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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





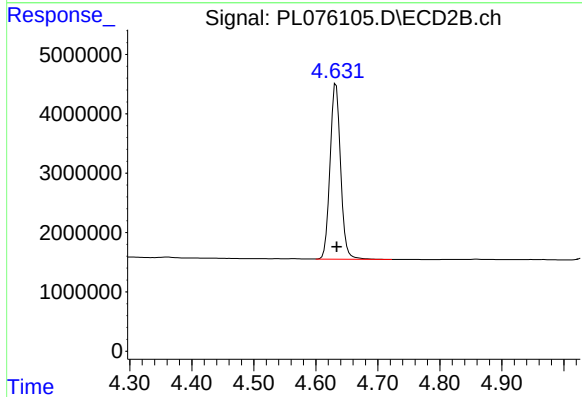
#1 Tetrachloro-m-xylene

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 14719006
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

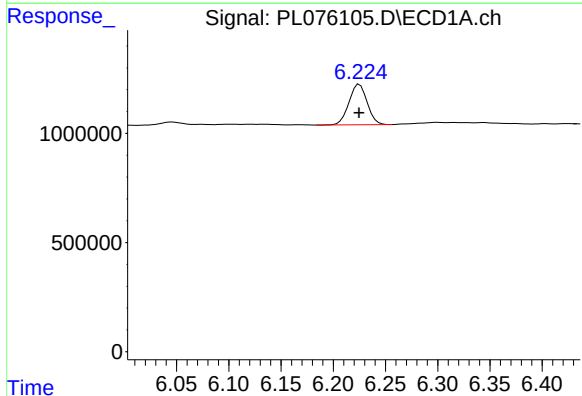
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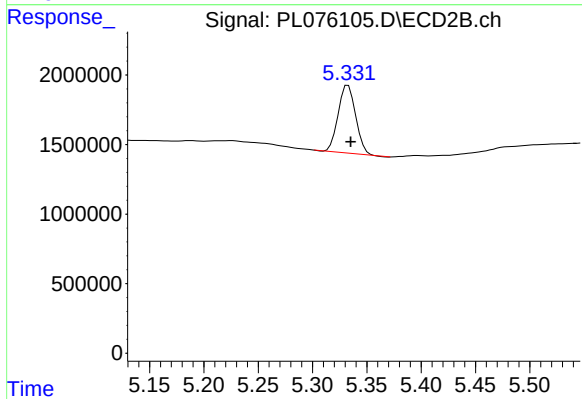
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.001 min
Response: 34924057
Conc: 18.41 ng/ml



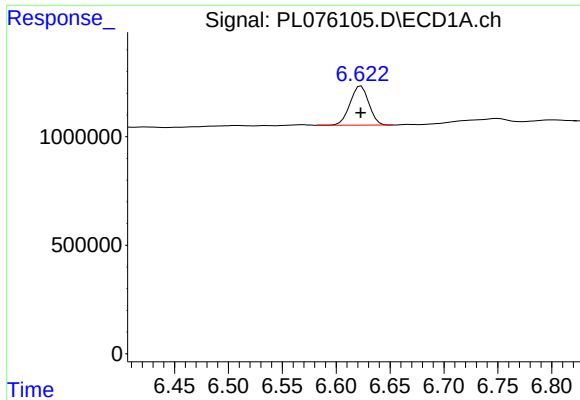
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 2231922
Conc: 2.26 ng/ml



#2 alpha-BHC

R.T.: 5.333 min
Delta R.T.: -0.003 min
Response: 5468734
Conc: 2.24 ng/ml



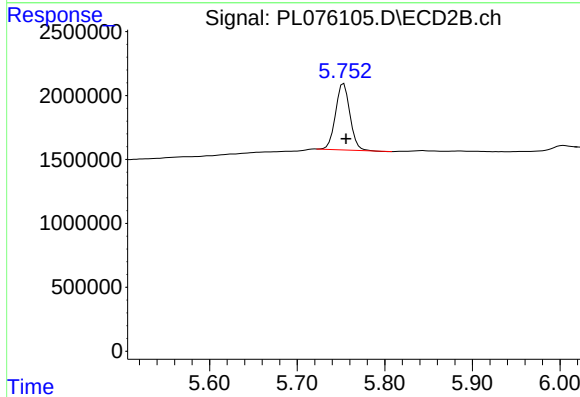
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 2188148
Conc: 2.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
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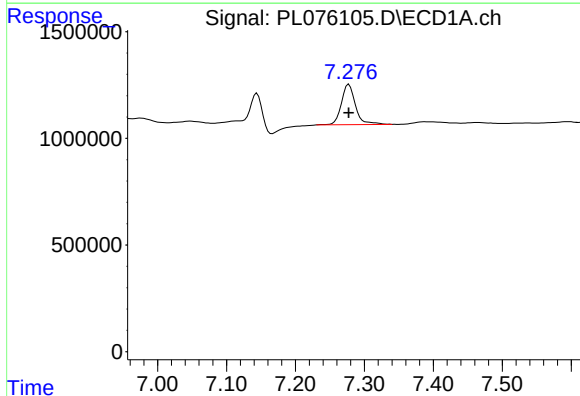
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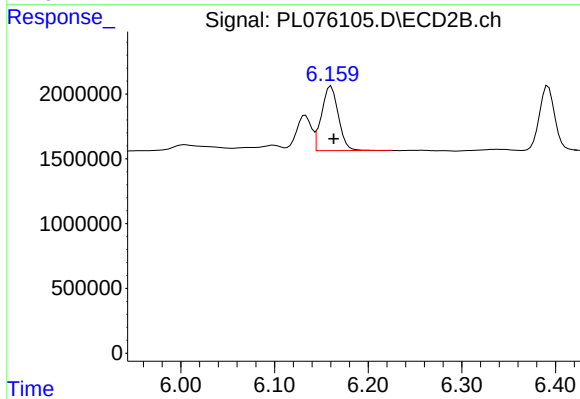
#3 gamma-BHC (Lindane)

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 5942636
Conc: 2.57 ng/ml



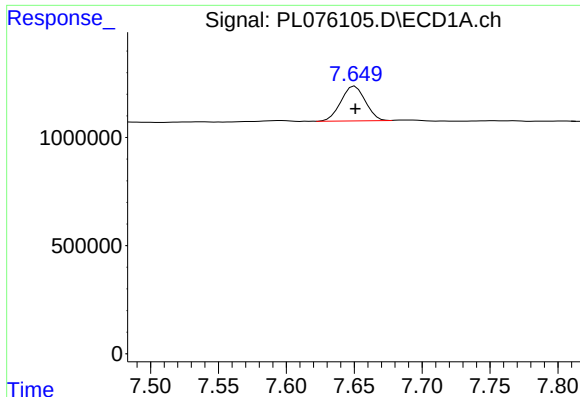
#4 Heptachlor

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 2699280
Conc: 2.94 ng/ml



#4 Heptachlor

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 6183801
Conc: 2.73 ng/ml



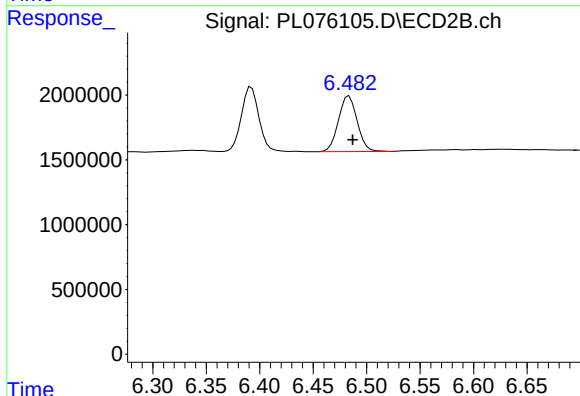
#5 Aldrin

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 2004200
Conc: 2.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

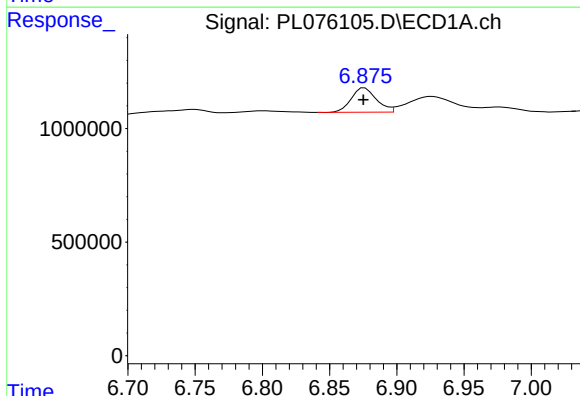
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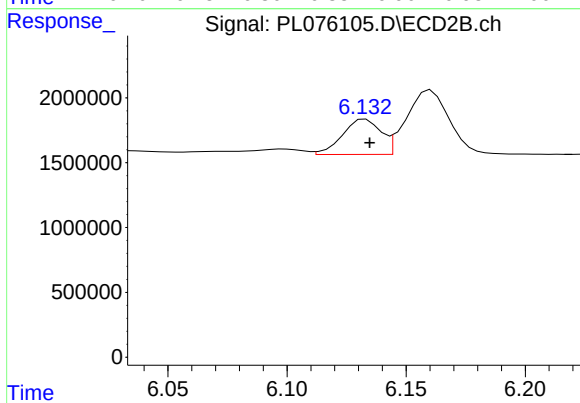
#5 Aldrin

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 5234253
Conc: 2.54 ng/ml



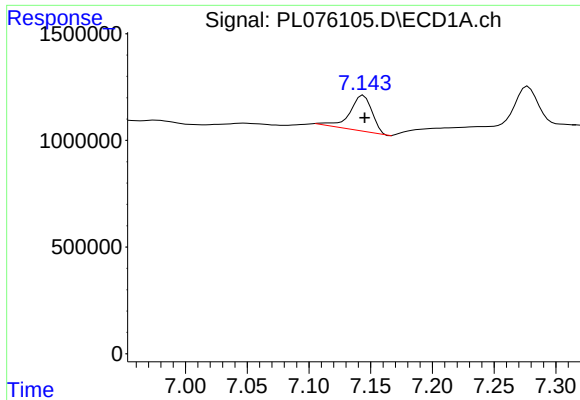
#6 beta-BHC

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 1390887
Conc: 3.18 ng/ml



#6 beta-BHC

R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 3049984
Conc: 2.92 ng/ml



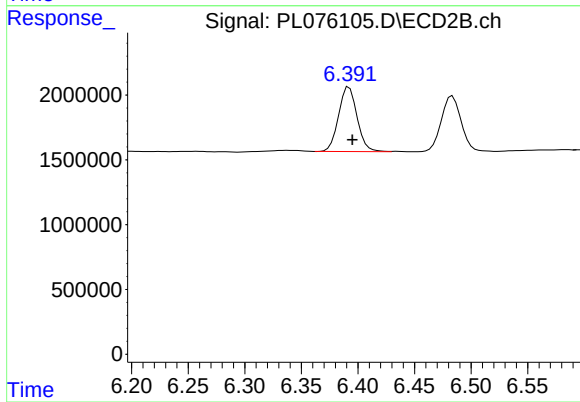
#7 delta-BHC

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 2116826
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

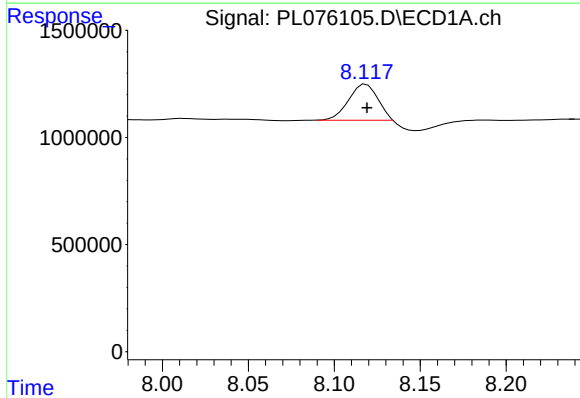
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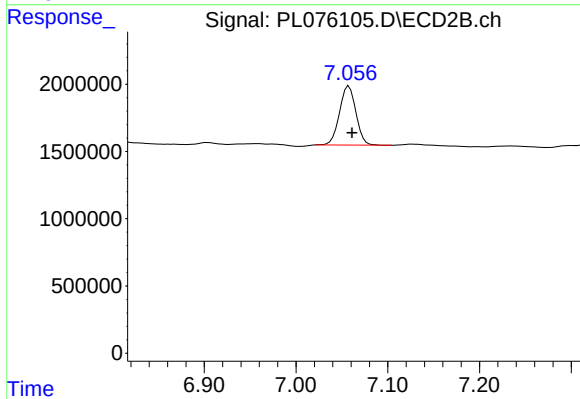
#7 delta-BHC

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 5683303
Conc: 2.52 ng/ml



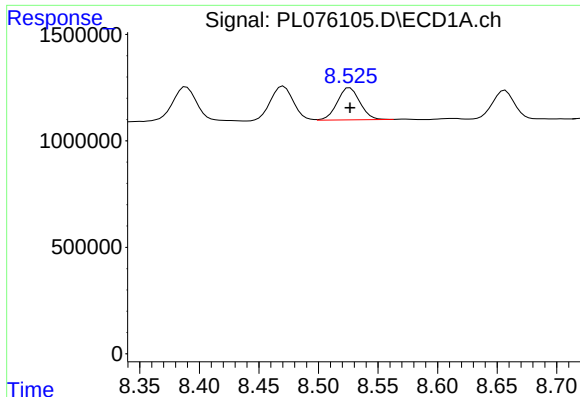
#8 Heptachlor epoxide

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 1977032
Conc: 2.48 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 5453702
Conc: 2.84 ng/ml



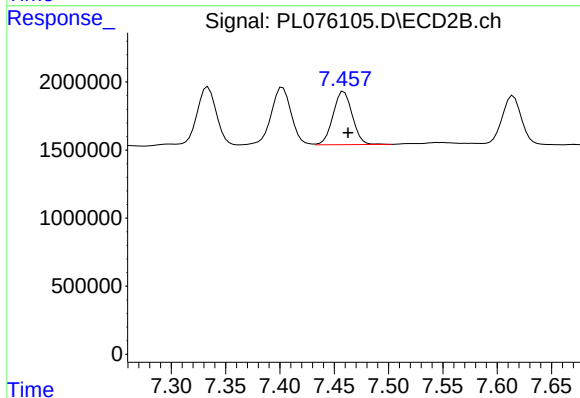
#9 Endosulfan I

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 1990356
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

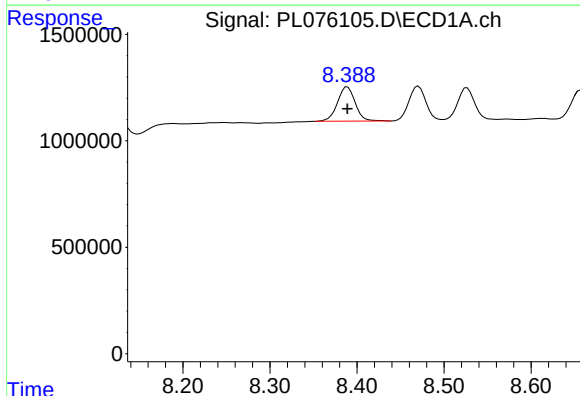
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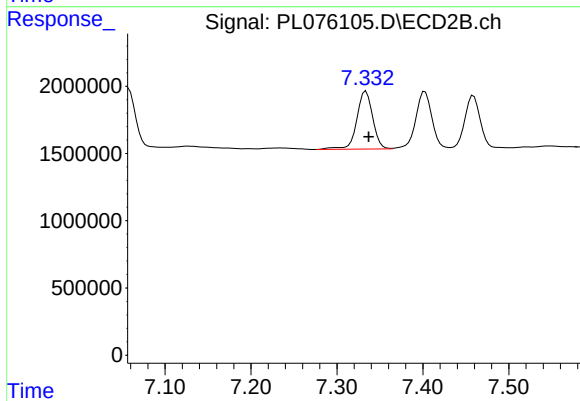
#9 Endosulfan I

R.T.: 7.459 min
Delta R.T.: -0.004 min
Response: 4817018
Conc: 2.74 ng/ml



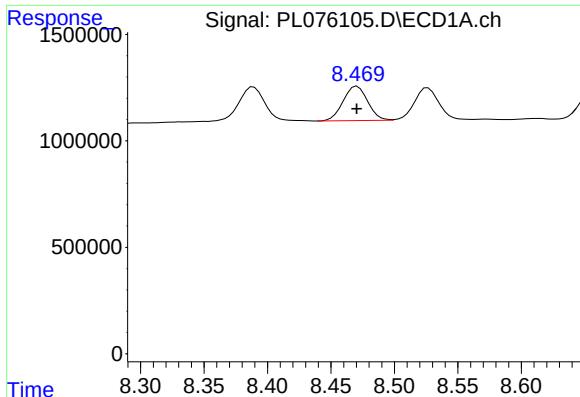
#10 gamma-Chlordane

R.T.: 8.389 min
Delta R.T.: 0.000 min
Response: 2290088
Conc: 2.95 ng/ml



#10 gamma-Chlordane

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 5537042
Conc: 2.88 ng/ml



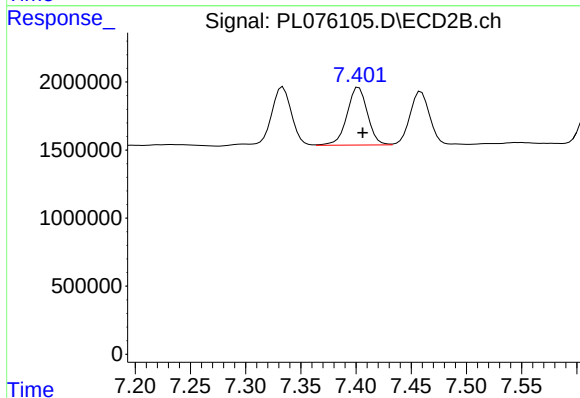
#11 alpha-Chlordane

R.T.: 8.471 min
Delta R.T.: 0.000 min
Response: 2172081
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

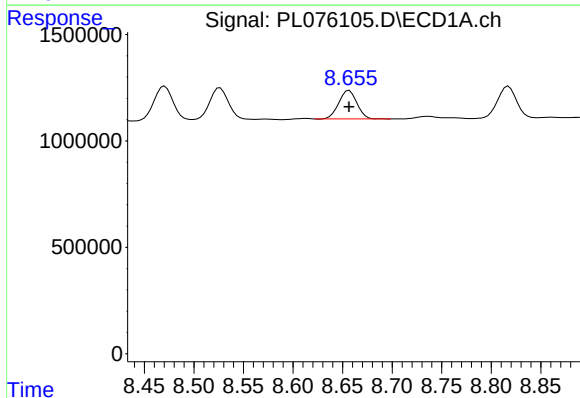
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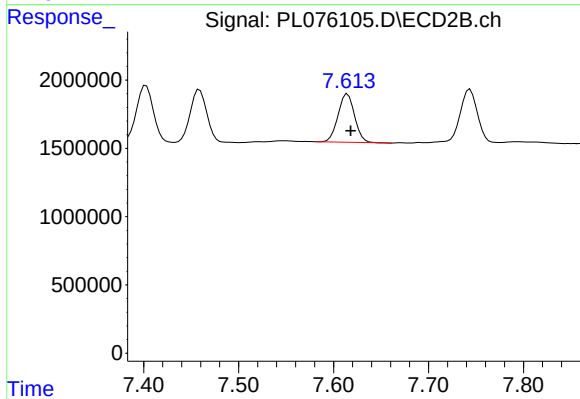
#11 alpha-Chlordane

R.T.: 7.403 min
Delta R.T.: -0.004 min
Response: 5486502
Conc: 2.87 ng/ml



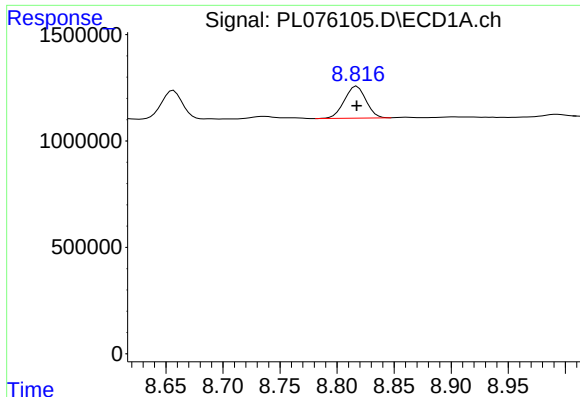
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1706987
Conc: 2.53 ng/ml



#12 4,4'-DDE

R.T.: 7.615 min
Delta R.T.: -0.003 min
Response: 4305102
Conc: 2.54 ng/ml



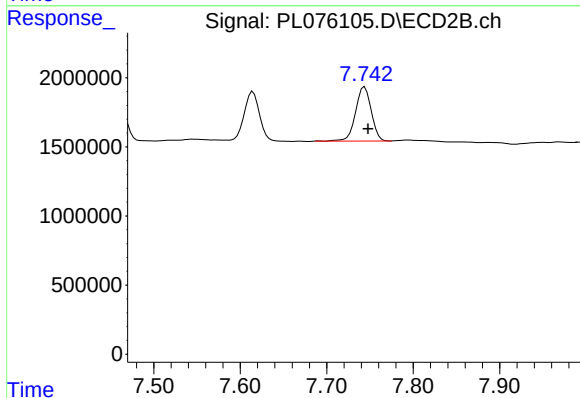
#13 Dieldrin

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 1979047
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
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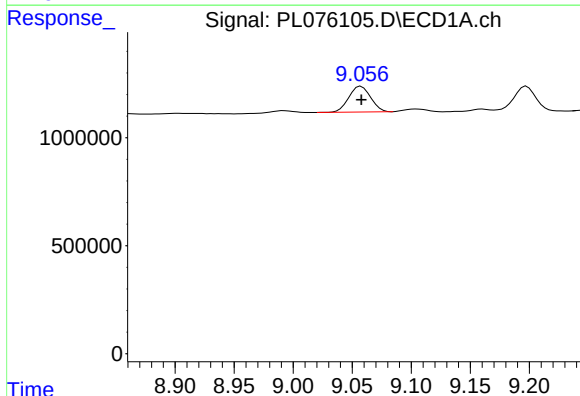
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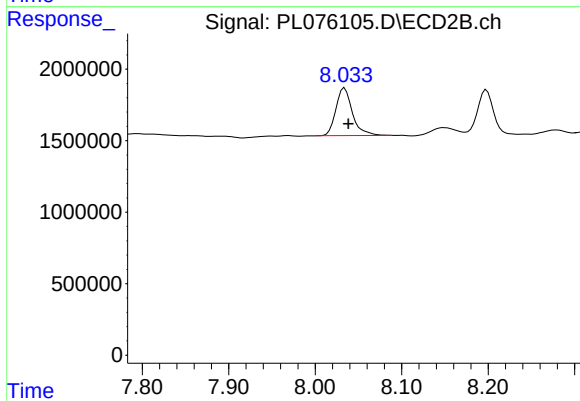
#13 Dieldrin

R.T.: 7.744 min
Delta R.T.: -0.004 min
Response: 4924620
Conc: 2.74 ng/ml



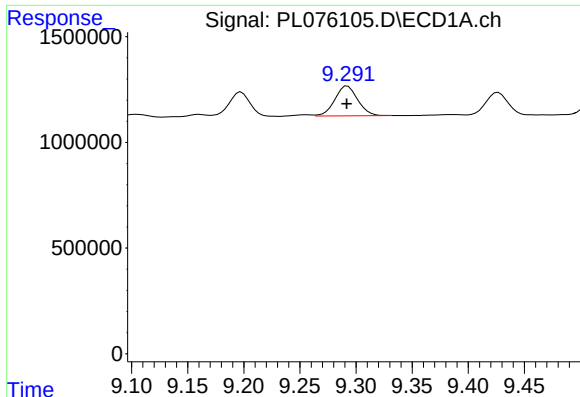
#14 Endrin

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 1537179
Conc: 2.47 ng/ml



#14 Endrin

R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 4412709
Conc: 2.90 ng/ml



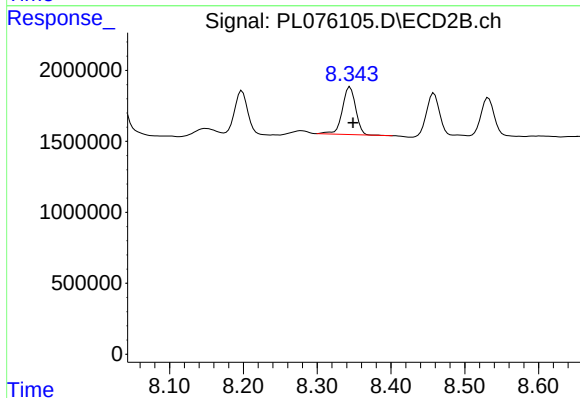
#15 Endosulfan II

R.T.: 9.292 min
Delta R.T.: 0.000 min
Response: 1992220
Conc: 3.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

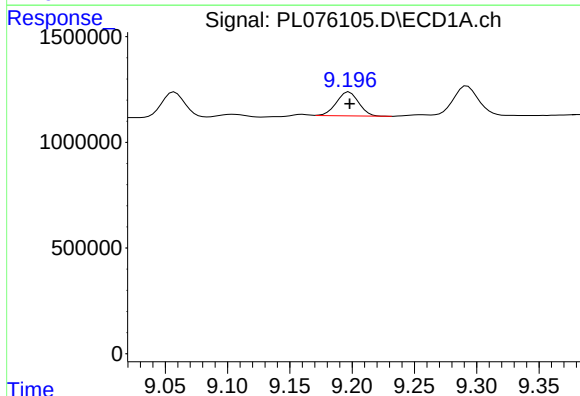
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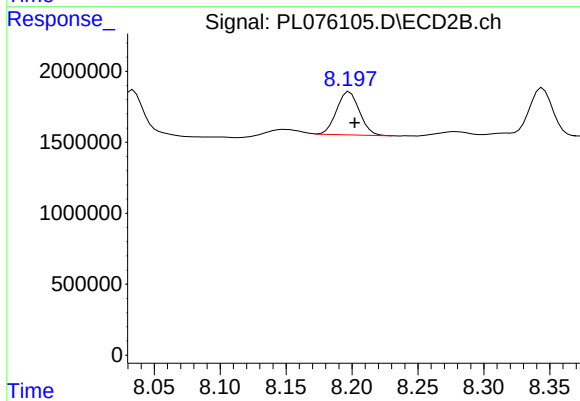
#15 Endosulfan II

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 4205261
Conc: 2.78 ng/ml



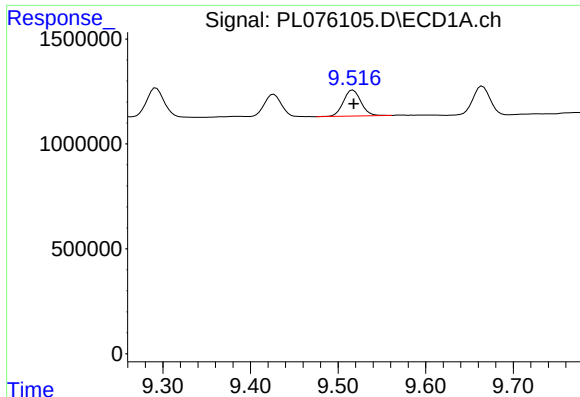
#16 4,4'-DDD

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 1406158
Conc: 2.48 ng/ml



#16 4,4'-DDD

R.T.: 8.197 min
Delta R.T.: -0.005 min
Response: 3654527
Conc: 2.63 ng/ml m



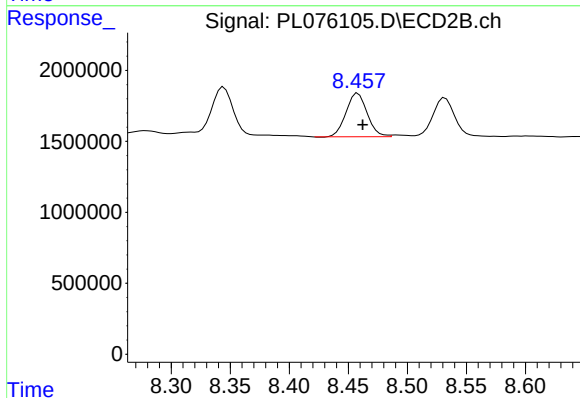
#17 4,4'-DDT

R.T.: 9.517 min
Delta R.T.: 0.000 min
Response: 1733716
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
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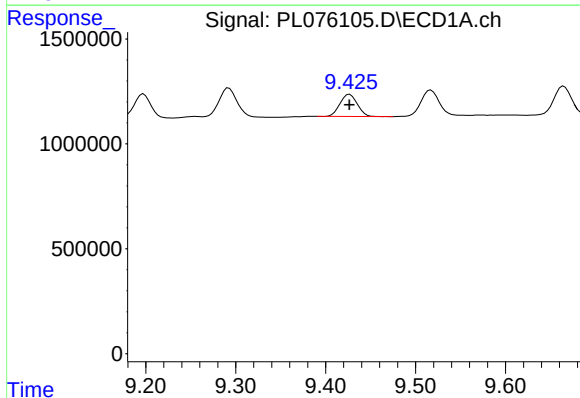
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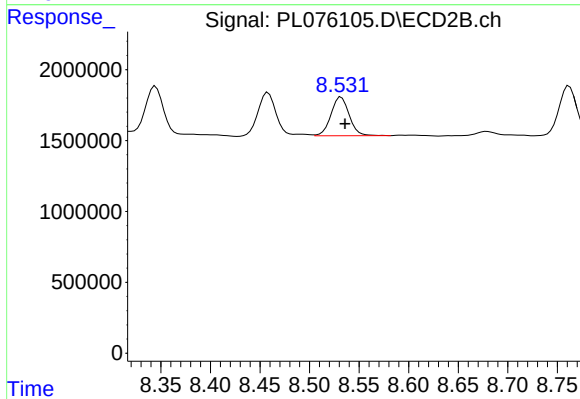
#17 4,4'-DDT

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 3822192
Conc: 2.58 ng/ml



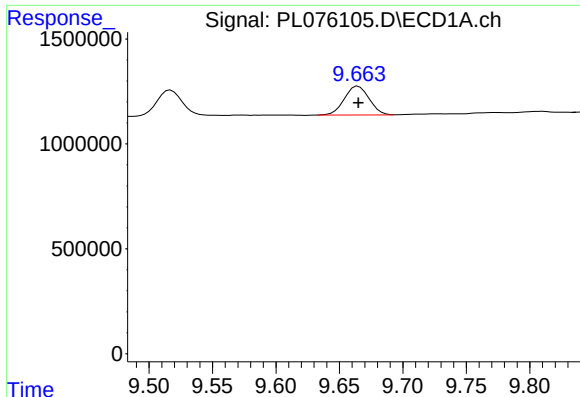
#18 Endrin aldehyde

R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 1407724
Conc: 2.73 ng/ml



#18 Endrin aldehyde

R.T.: 8.532 min
Delta R.T.: -0.004 min
Response: 3504358
Conc: 2.94 ng/ml



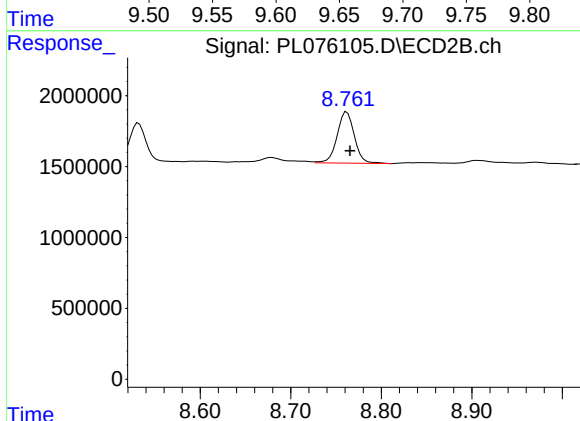
#19 Endosulfan Sulfate

R.T.: 9.663 min
Delta R.T.: -0.002 min
Response: 1875006
Conc: 2.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

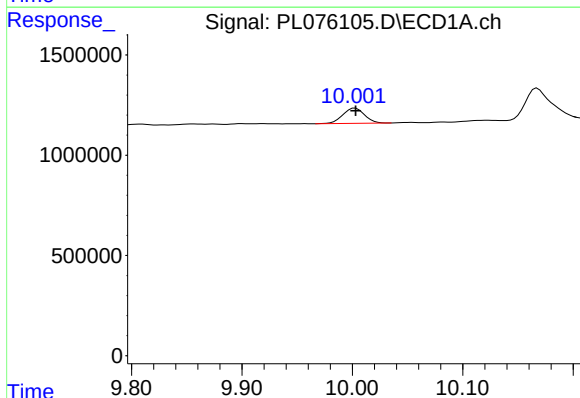
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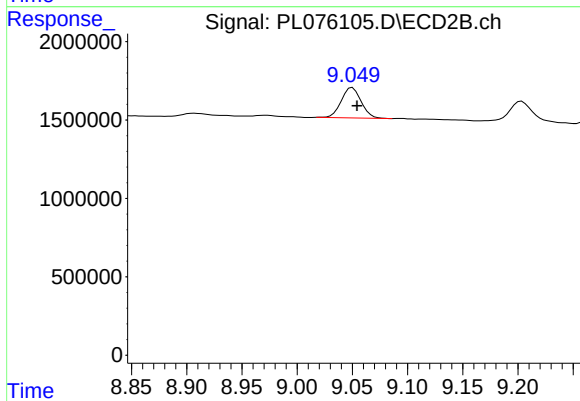
#19 Endosulfan Sulfate

R.T.: 8.762 min
Delta R.T.: -0.004 min
Response: 4773127
Conc: 3.11 ng/ml



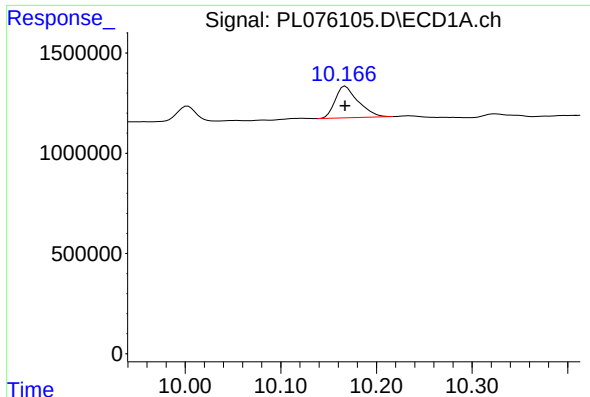
#20 Methoxychlor

R.T.: 10.003 min
Delta R.T.: 0.000 min
Response: 1040677
Conc: 3.03 ng/ml



#20 Methoxychlor

R.T.: 9.050 min
Delta R.T.: -0.004 min
Response: 2429999
Conc: 2.85 ng/ml



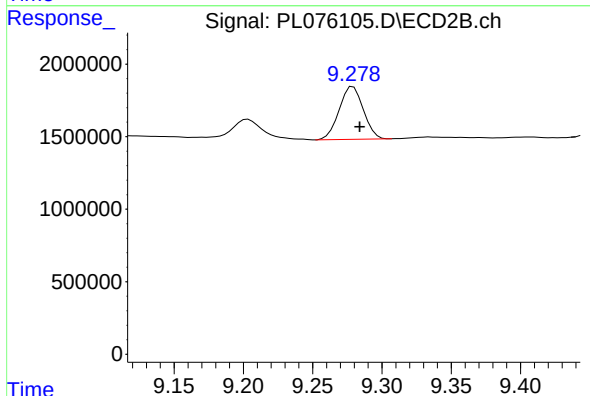
#21 Endrin ketone

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 2618422
Conc: 3.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

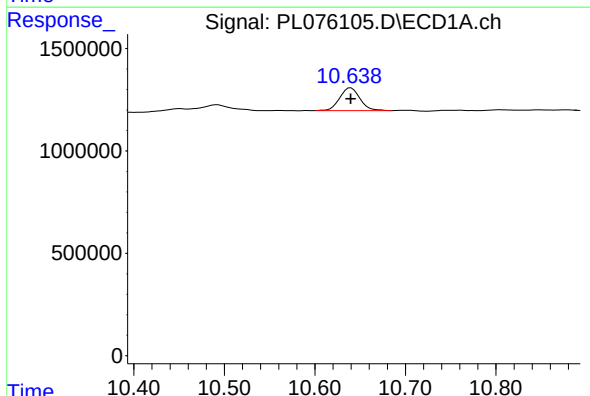
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2022
Supervised By :Ankita Jodhani 06/30/2022



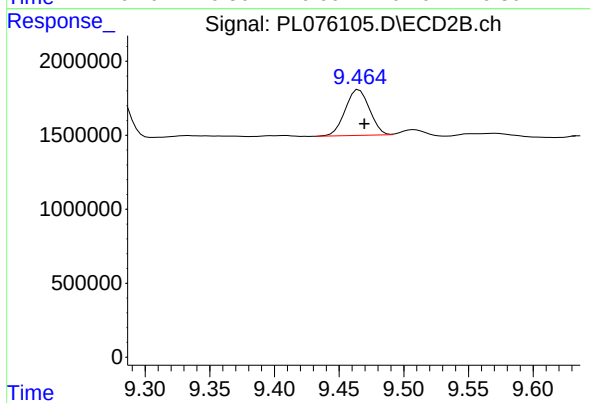
#21 Endrin ketone

R.T.: 9.279 min
Delta R.T.: -0.005 min
Response: 4421459
Conc: 2.68 ng/ml



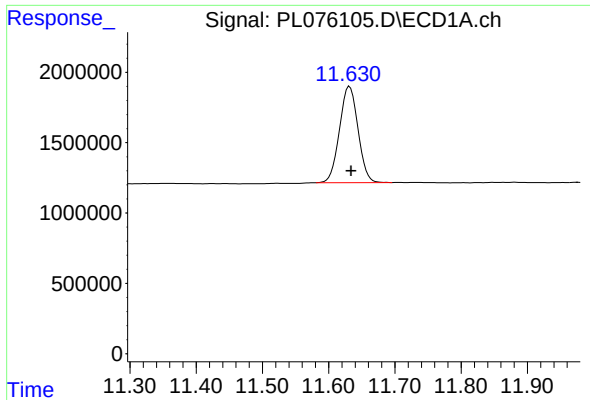
#22 Mirex

R.T.: 10.640 min
Delta R.T.: 0.000 min
Response: 1737065
Conc: 3.23 ng/ml



#22 Mirex

R.T.: 9.465 min
Delta R.T.: -0.004 min
Response: 4039800
Conc: 3.02 ng/ml



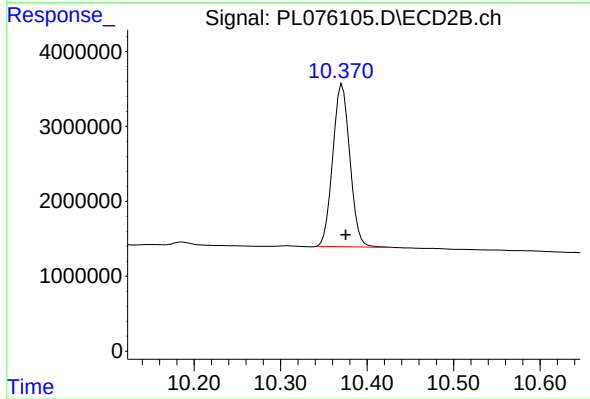
#28 Decachlorobiphenyl

R.T.: 11.632 min
Delta R.T.: -0.002 min
Response: 13304925
Conc: 21.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: -0.004 min
Response: 29678963
Conc: 19.32 ng/ml