

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076104.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 12:27
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 8 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 00:13:47 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	4.632	15062365	35748265	19.915	18.849
28)	SA Decachlor...	11.632	10.371	13656974	29571956	21.703	19.254
Target Compounds							
2)	A alpha-BHC	6.225	5.332	843990	2115739	0.854	0.866
3)	MA gamma-BHC...	6.622	5.753	958860	2910556	1.036	1.259
4)	MA Heptachlor	7.278	6.160	885497	2656641	0.965	1.171
5)	MB Aldrin	7.651	6.483	802235	2256635	0.966	1.093
6)	B beta-BHC	6.876	6.132	662800	1385078	1.513	1.328
7)	B delta-BHC	7.143	6.392	1100201	2560490	1.409	1.134
8)	B Heptachlo...	8.117	7.057	861523	2361936	1.082m	1.231
9)	A Endosulfan I	8.527	7.459	785615	2056108	1.087	1.171
10)	B gamma-Chl...	8.388	7.333	1056021	2464424	1.359	1.282
11)	B alpha-Chl...	8.471	7.402	904207	2503497	1.164	1.308
12)	B 4,4'-DDE	8.654	7.614	677232	1683579	1.002m	0.992
13)	MA Dieldrin	8.817	7.744	861539	2161775	1.174	1.201
14)	MA Endrin	9.057	8.033	619282	1870208	0.993m	1.231m
15)	B Endosulfa...	9.293	8.344	1048900	1742635	1.653	1.153 #
16)	A 4,4'-DDD	9.198	8.197	583380	1550557	1.029	1.118m
17)	MA 4,4'-DDT	9.518	8.458	769858	1537659	1.261	1.040
18)	B Endrin al...	9.427	8.531	653355	1627546	1.265	1.363
19)	B Endosulfa...	9.665	8.762	767718	2199049	1.198	1.433
20)	A Methoxychlor	10.003	9.051	429618	994338	1.252	1.168
21)	B Endrin ke...	10.169	9.280	856363	1866541	1.188m	1.130
22)	Mirex	10.639	9.466	688999	1633566	1.281	1.221

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076104.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 12:27
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

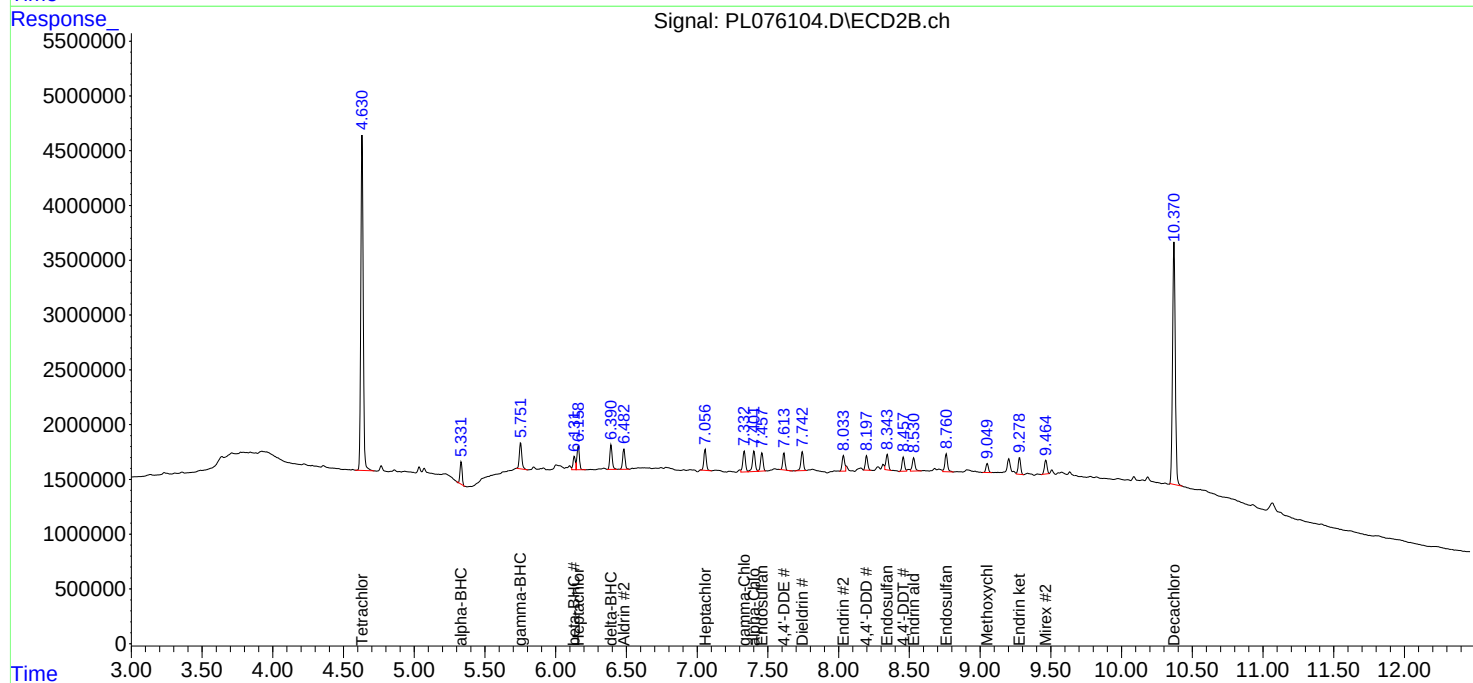
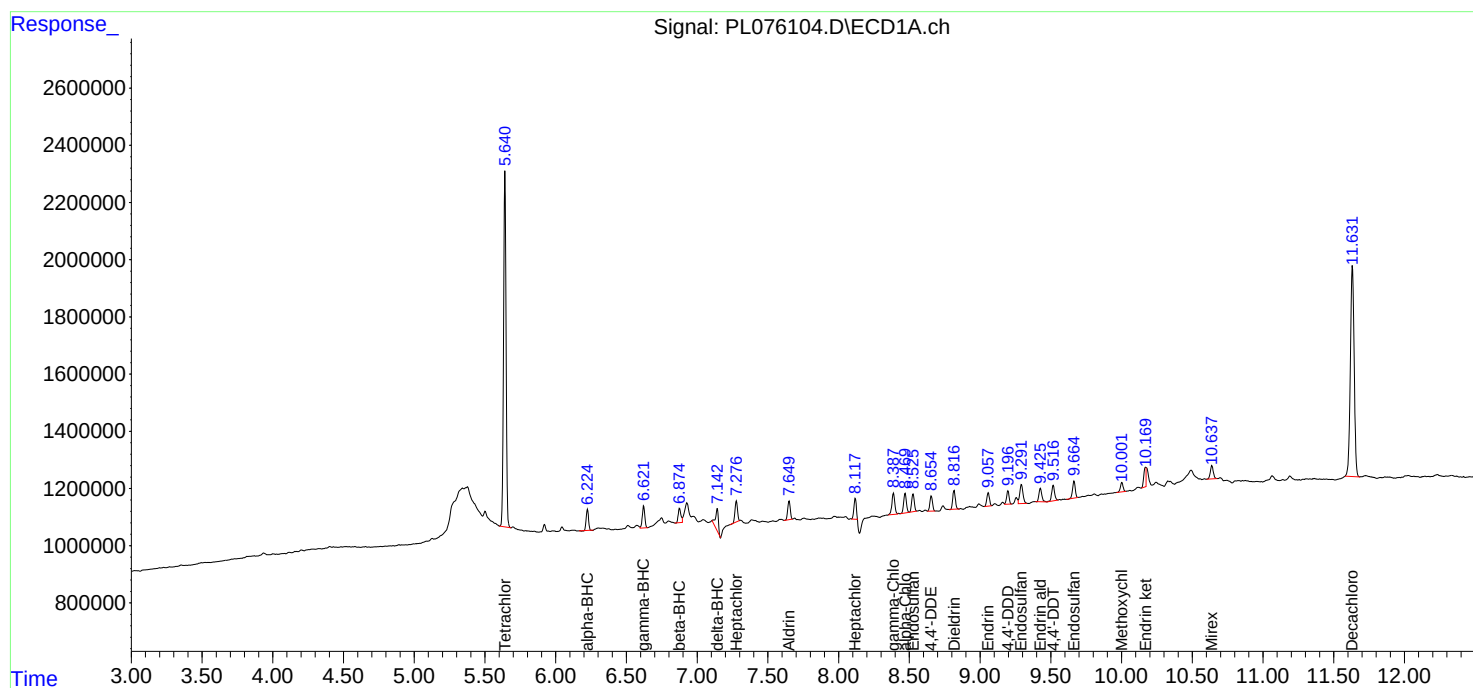
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

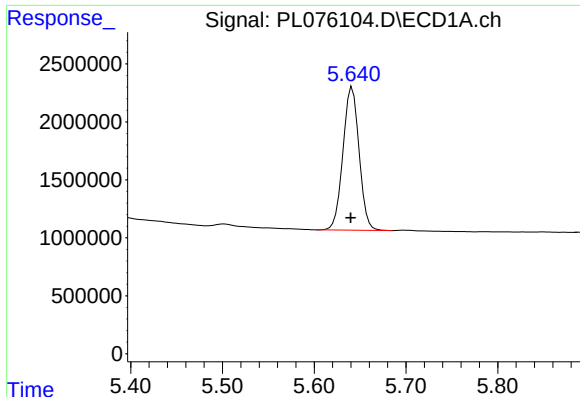
Manual Integrations APPROVED

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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 00:13:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.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





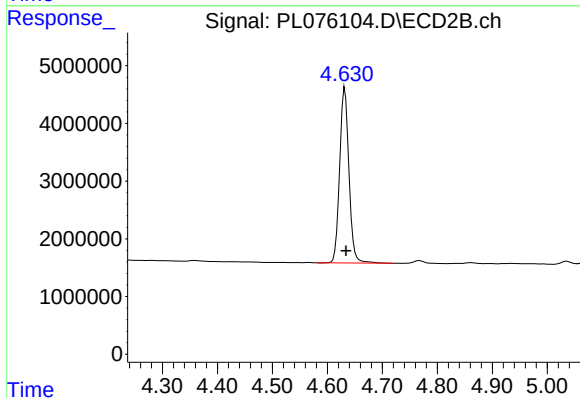
#1 Tetrachloro-m-xylene

R.T.: 5.641 min
Delta R.T.: 0.001 min
Response: 15062365
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
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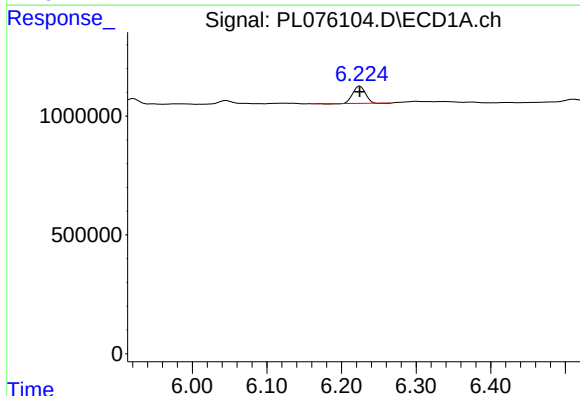
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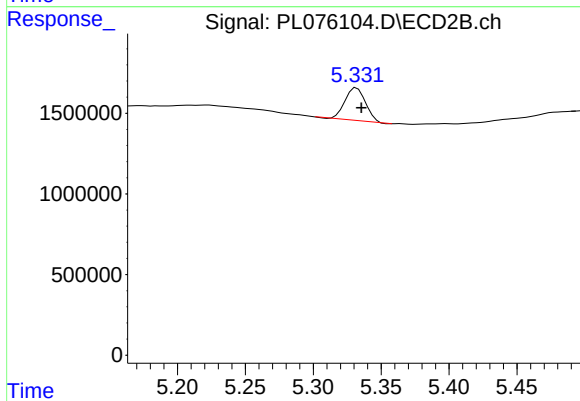
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 35748265
Conc: 18.85 ng/ml



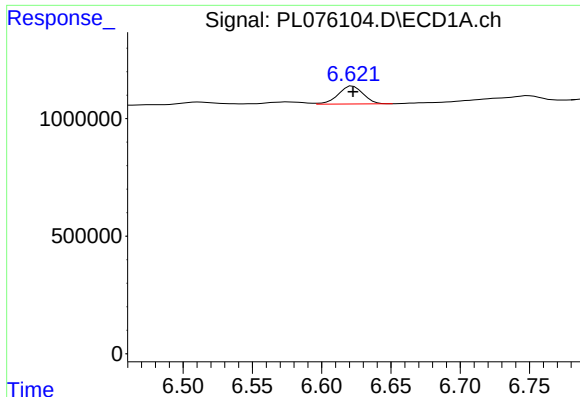
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 843990
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 2115739
Conc: 0.87 ng/ml



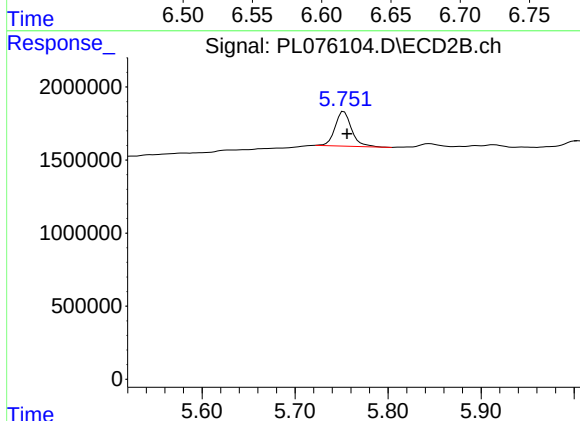
#3 gamma-BHC (Lindane)

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 958860
Conc: 1.04 ng/ml

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

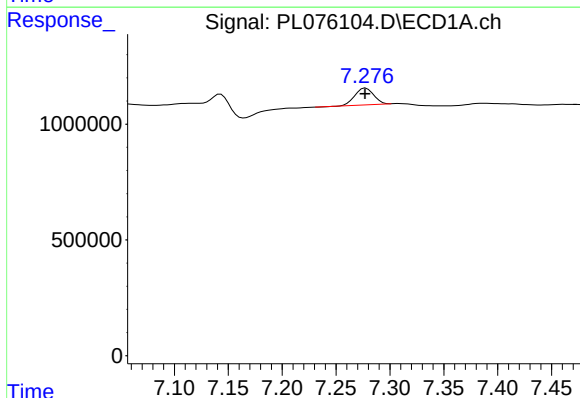
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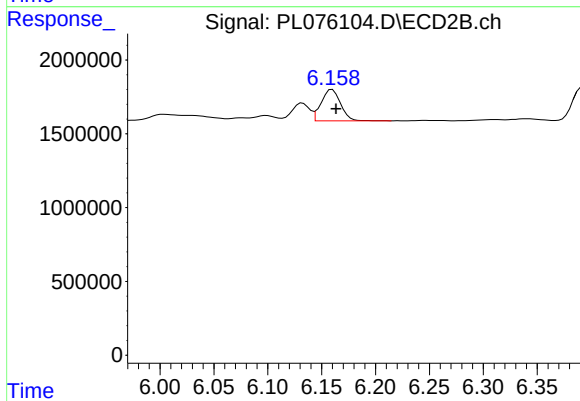
#3 gamma-BHC (Lindane)

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 2910556
Conc: 1.26 ng/ml



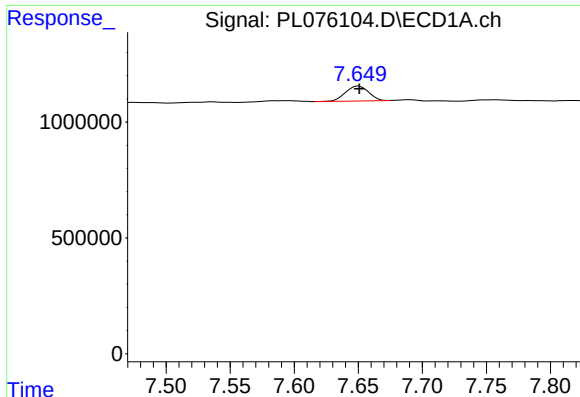
#4 Heptachlor

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 885497
Conc: 0.97 ng/ml



#4 Heptachlor

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 2656641
Conc: 1.17 ng/ml



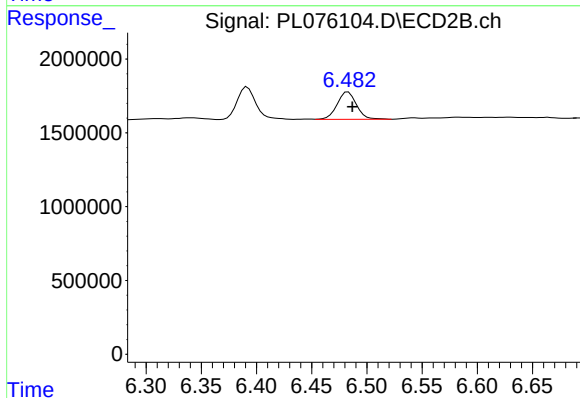
#5 Aldrin

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 802235
Conc: 0.97 ng/ml

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

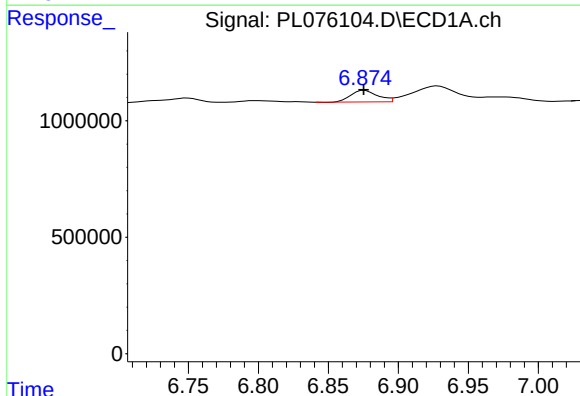
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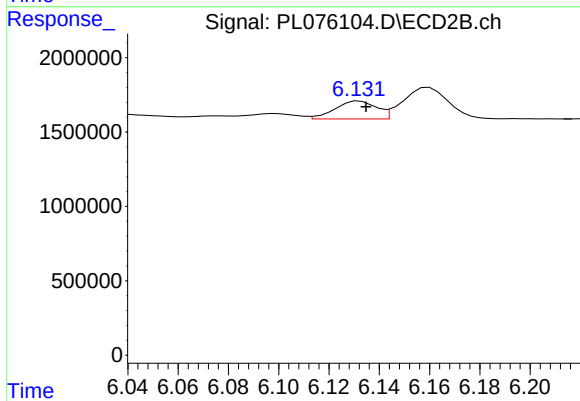
#5 Aldrin

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 2256635
Conc: 1.09 ng/ml



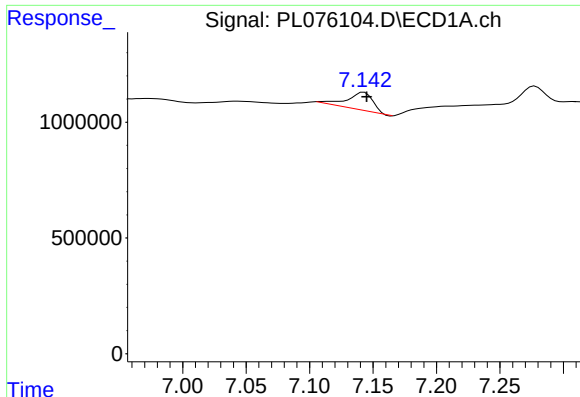
#6 beta-BHC

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 662800
Conc: 1.51 ng/ml



#6 beta-BHC

R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 1385078
Conc: 1.33 ng/ml



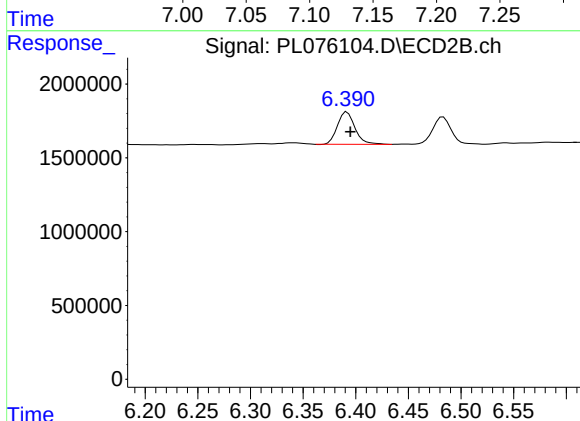
#7 delta-BHC

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 1100201
Conc: 1.41 ng/ml

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

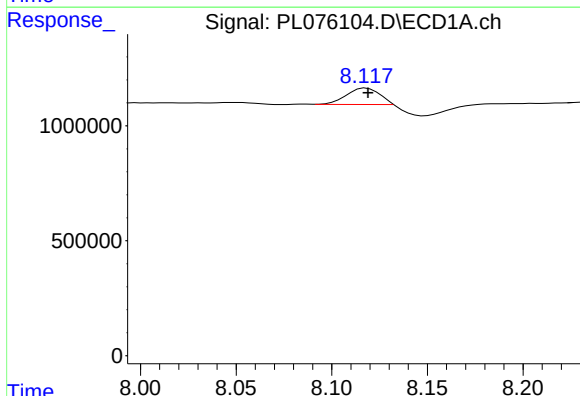
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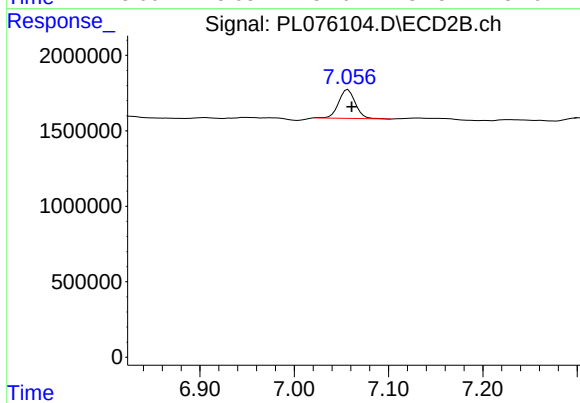
#7 delta-BHC

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 2560490
Conc: 1.13 ng/ml



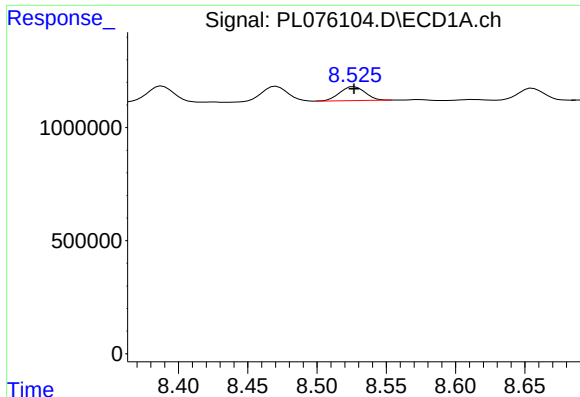
#8 Heptachlor epoxide

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 861523
Conc: 1.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 2361936
Conc: 1.23 ng/ml



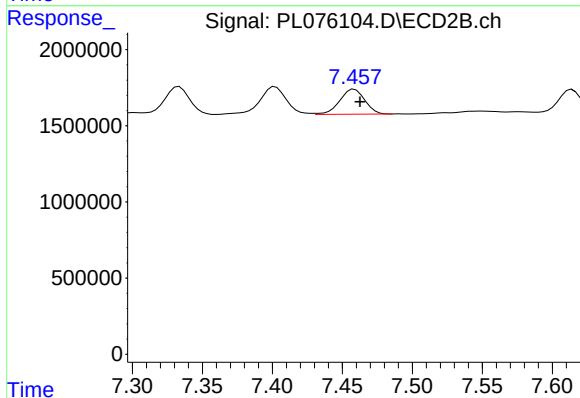
#9 Endosulfan I

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 785615
Conc: 1.09 ng/ml

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

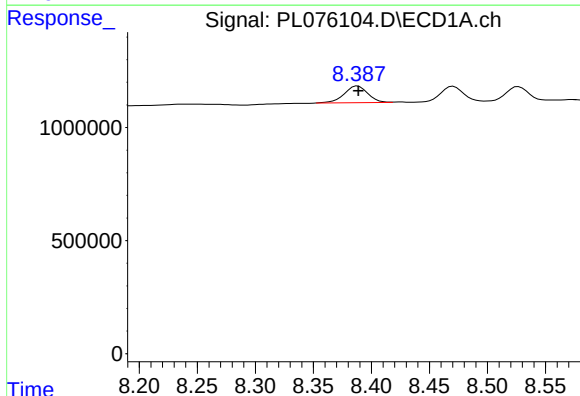
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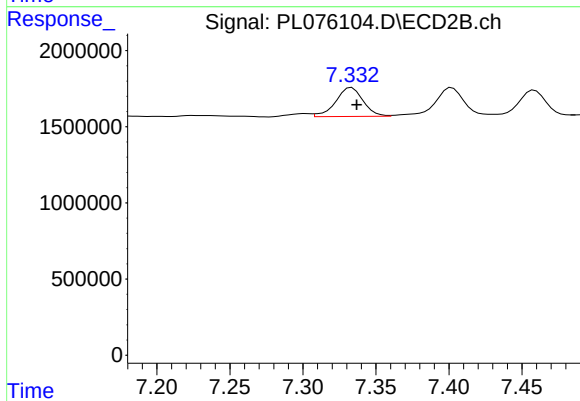
#9 Endosulfan I

R.T.: 7.459 min
Delta R.T.: -0.004 min
Response: 2056108
Conc: 1.17 ng/ml



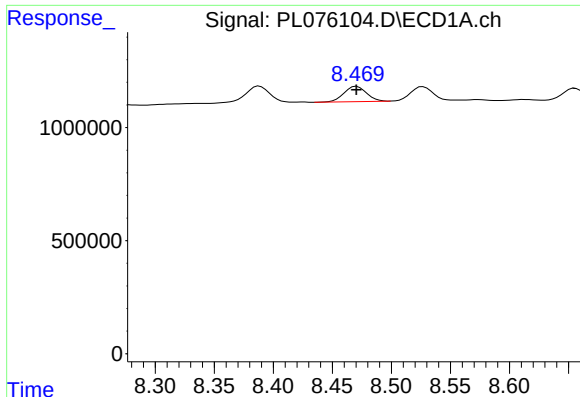
#10 gamma-Chlordane

R.T.: 8.388 min
Delta R.T.: 0.000 min
Response: 1056021
Conc: 1.36 ng/ml



#10 gamma-Chlordane

R.T.: 7.333 min
Delta R.T.: -0.003 min
Response: 2464424
Conc: 1.28 ng/ml



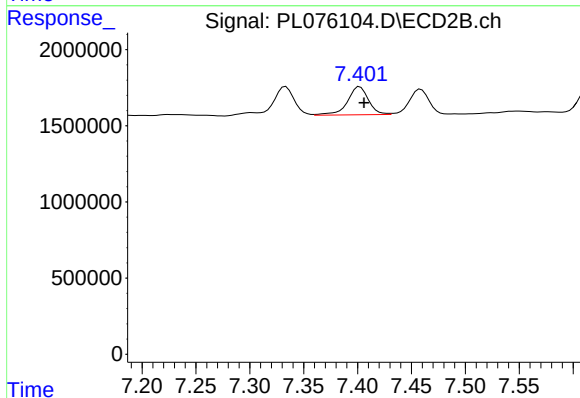
#11 alpha-Chlordane

R.T.: 8.471 min
Delta R.T.: 0.000 min
Response: 904207
Conc: 1.16 ng/ml

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

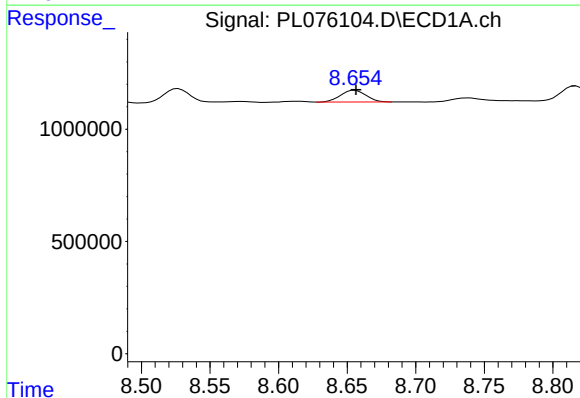
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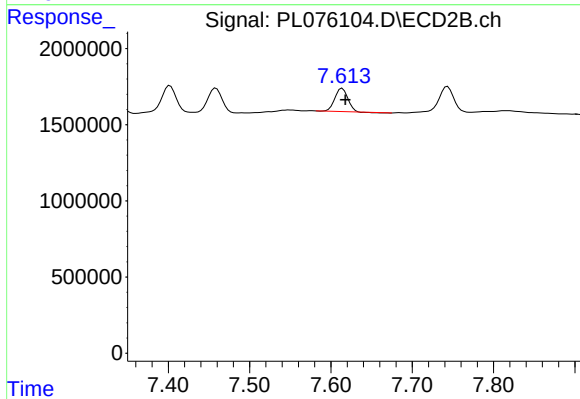
#11 alpha-Chlordane

R.T.: 7.402 min
Delta R.T.: -0.004 min
Response: 2503497
Conc: 1.31 ng/ml



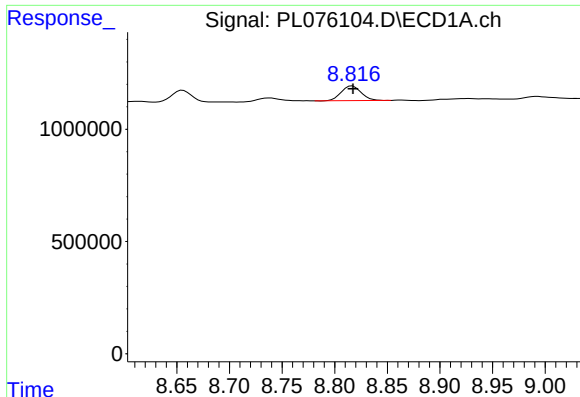
#12 4,4'-DDE

R.T.: 8.654 min
Delta R.T.: -0.002 min
Response: 677232
Conc: 1.00 ng/ml m



#12 4,4'-DDE

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 1683579
Conc: 0.99 ng/ml



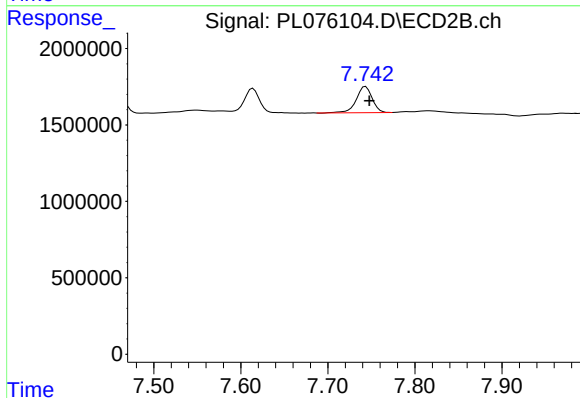
#13 Dieldrin

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 861539
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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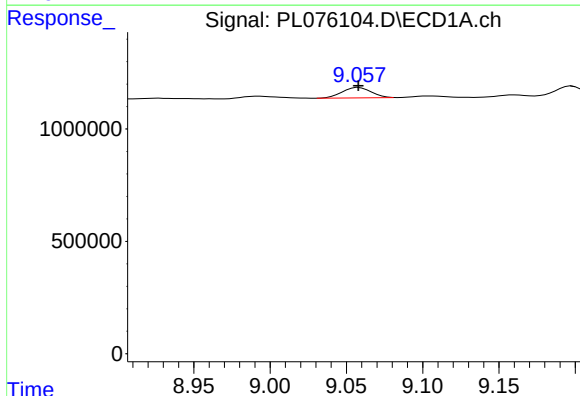
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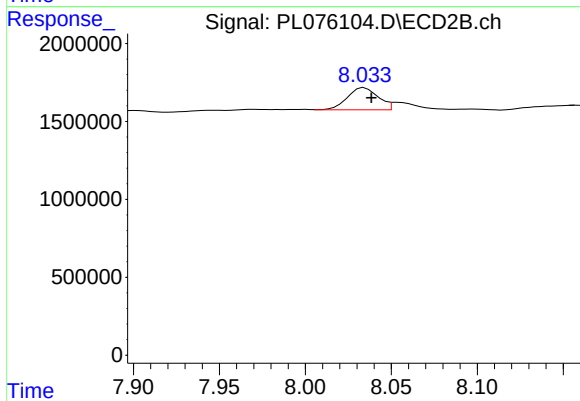
#13 Dieldrin

R.T.: 7.744 min
Delta R.T.: -0.004 min
Response: 2161775
Conc: 1.20 ng/ml



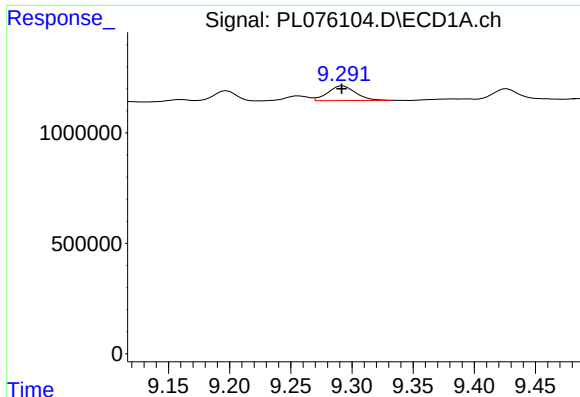
#14 Endrin

R.T.: 9.057 min
Delta R.T.: -0.001 min
Response: 619282
Conc: 0.99 ng/ml m



#14 Endrin

R.T.: 8.033 min
Delta R.T.: -0.005 min
Response: 1870208
Conc: 1.23 ng/ml m



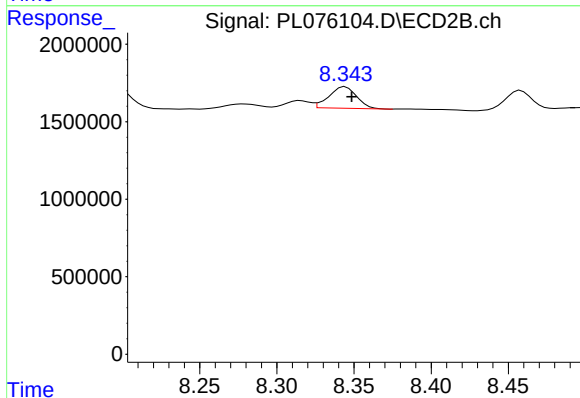
#15 Endosulfan II

R.T.: 9.293 min
Delta R.T.: 0.000 min
Response: 1048900
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
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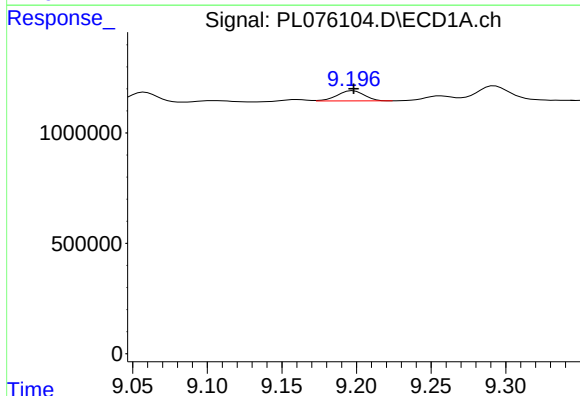
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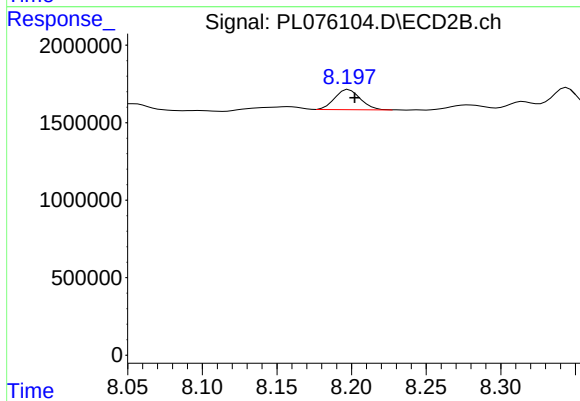
#15 Endosulfan II

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 1742635
Conc: 1.15 ng/ml



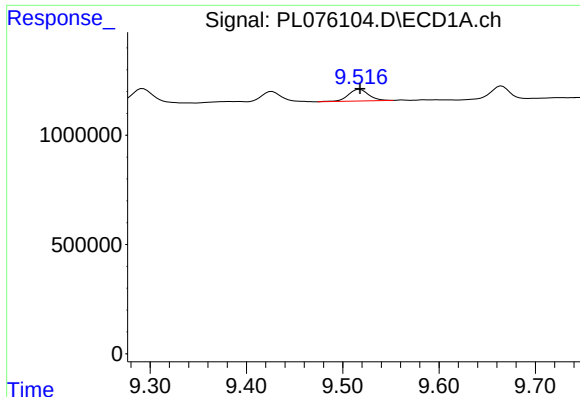
#16 4,4'-DDD

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 583380
Conc: 1.03 ng/ml



#16 4,4'-DDD

R.T.: 8.197 min
Delta R.T.: -0.005 min
Response: 1550557
Conc: 1.12 ng/ml m



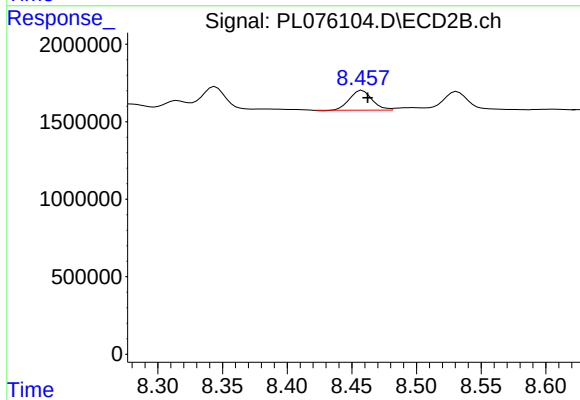
#17 4,4'-DDT

R.T.: 9.518 min
Delta R.T.: 0.000 min
Response: 769858
Conc: 1.26 ng/ml

Instrument :
ECD_L
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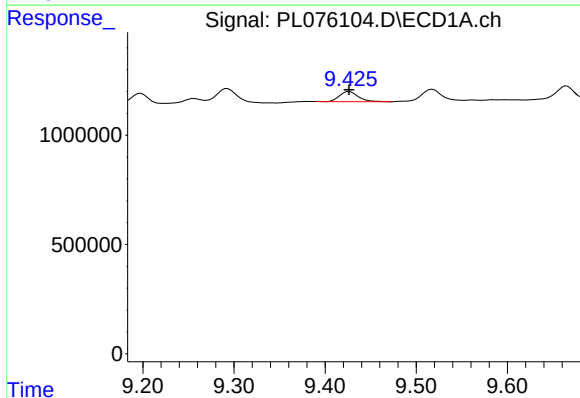
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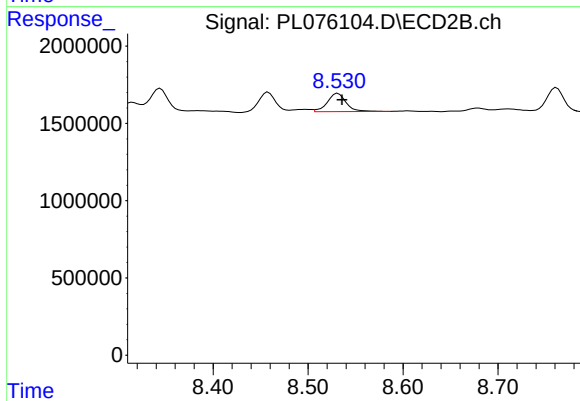
#17 4,4'-DDT

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 1537659
Conc: 1.04 ng/ml



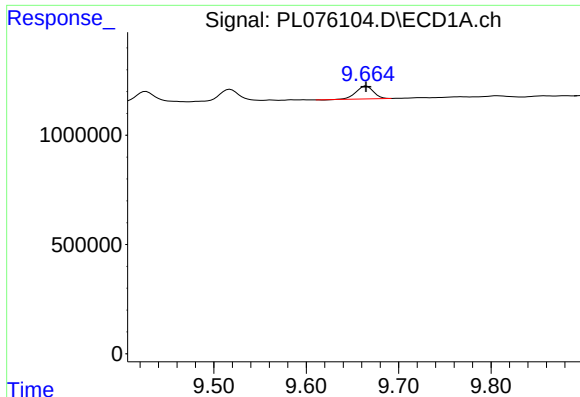
#18 Endrin aldehyde

R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 653355
Conc: 1.26 ng/ml



#18 Endrin aldehyde

R.T.: 8.531 min
Delta R.T.: -0.005 min
Response: 1627546
Conc: 1.36 ng/ml



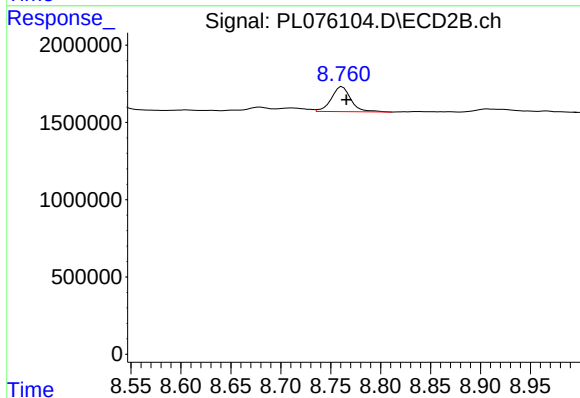
#19 Endosulfan Sulfate

R.T.: 9.665 min
Delta R.T.: 0.000 min
Response: 767718
Conc: 1.20 ng/ml

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

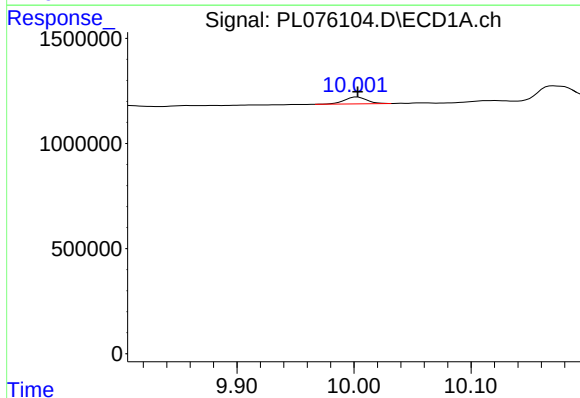
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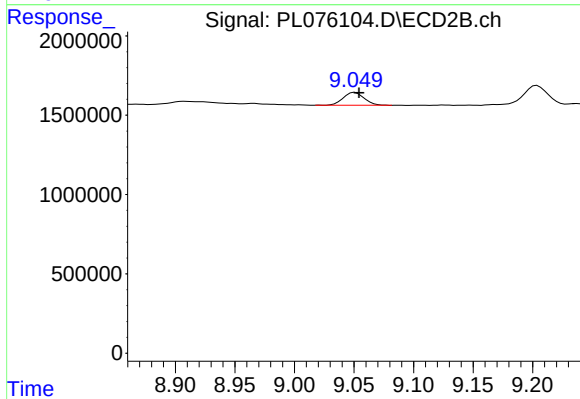
#19 Endosulfan Sulfate

R.T.: 8.762 min
Delta R.T.: -0.004 min
Response: 2199049
Conc: 1.43 ng/ml



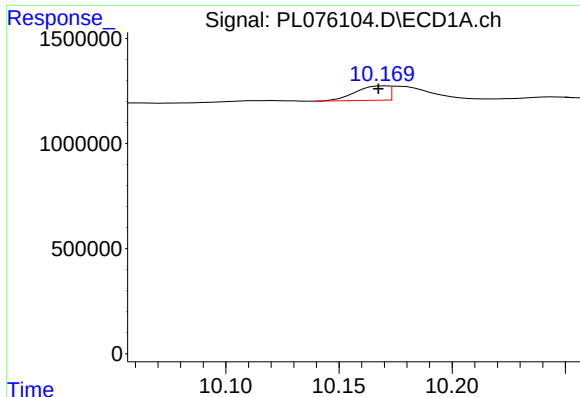
#20 Methoxychlor

R.T.: 10.003 min
Delta R.T.: 0.000 min
Response: 429618
Conc: 1.25 ng/ml



#20 Methoxychlor

R.T.: 9.051 min
Delta R.T.: -0.003 min
Response: 994338
Conc: 1.17 ng/ml



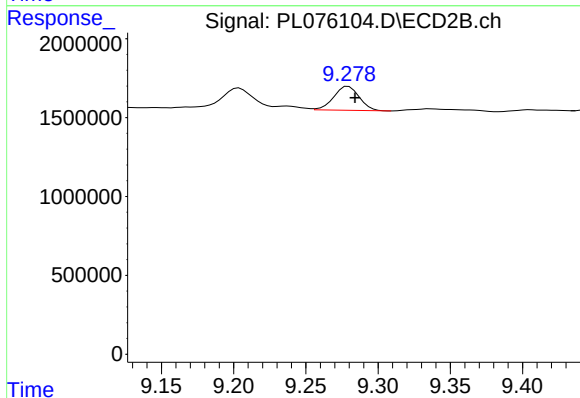
#21 Endrin ketone

R.T.: 10.169 min
Delta R.T.: 0.002 min
Response: 856363
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
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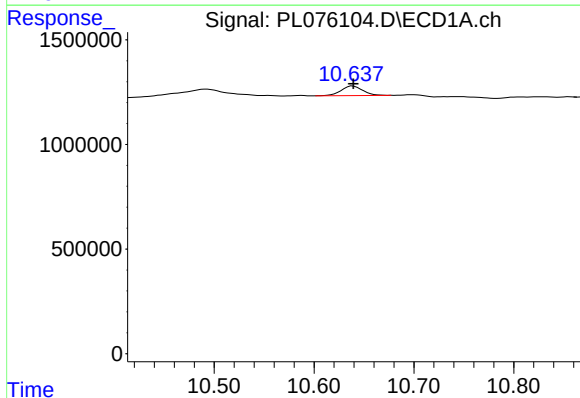
Manual Integrations
APPROVED

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



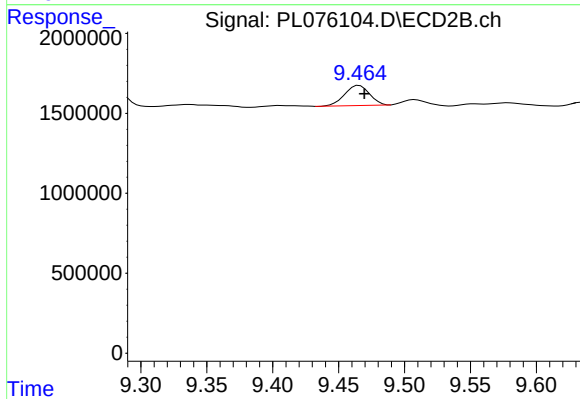
#21 Endrin ketone

R.T.: 9.280 min
Delta R.T.: -0.004 min
Response: 1866541
Conc: 1.13 ng/ml



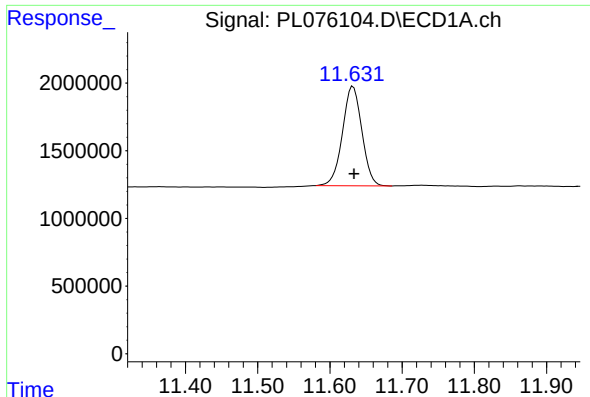
#22 Mirex

R.T.: 10.639 min
Delta R.T.: 0.000 min
Response: 688999
Conc: 1.28 ng/ml



#22 Mirex

R.T.: 9.466 min
Delta R.T.: -0.004 min
Response: 1633566
Conc: 1.22 ng/ml



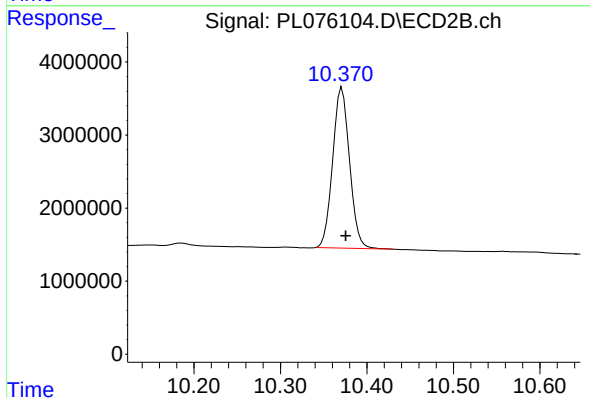
#28 Decachlorobiphenyl

R.T.: 11.632 min
Delta R.T.: -0.002 min
Response: 13656974
Conc: 21.70 ng/ml

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

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#28 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: -0.004 min
Response: 29571956
Conc: 19.25 ng/ml