

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070722\
 Data File : PL076296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 12:09
 Operator : AR\AJ
 Sample : N3214-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/08/2022
 Supervised By : Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 13:22:35 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...	5.640	4.623	11581550	30274793	15.313	15.963
28)	SA Decachlor...	11.628	10.363	10603275	27495100	16.850m	17.902
Target Compounds							
2)	A alpha-BHC	6.223	5.323	703151	2030958	0.712	0.831m
3)	MA gamma-BHC...	6.619	5.744	970367	2013295	1.048m	0.871
4)	MA Heptachlor	7.275	6.151	1153854	2229986	1.258	0.983
5)	MB Aldrin	7.648	6.474	692262	1865166	0.834m	0.903
6)	B beta-BHC	6.870	6.123	1448959	939751	3.308m	0.901m#
7)	B delta-BHC	7.144	6.383	513948	1914860	0.658	0.848 #
8)	B Heptachlo...	8.117	7.048	852175	1821060	1.070	0.949
9)	A Endosulfan I	8.525	7.450	824343	1756539	1.140	1.000
10)	B gamma-Chl...	8.386	7.325	711280	1840178	0.915	0.957
11)	B alpha-Chl...	8.468	7.394	761737	2150075	0.981	1.123
12)	B 4,4'-DDE	8.653	7.607	527840	1592213	0.781m	0.938
13)	MA Dieldrin	8.814	7.734	627793	1897932	0.855	1.055m
14)	MA Endrin	9.053	8.024	434381	1358817	0.697m	0.894m#
15)	B Endosulfa...	9.292	8.335	1105596	1519696	1.743	1.005m#
16)	A 4,4'-DDD	9.195	8.189	550436	1632293	0.971	1.177m
17)	MA 4,4'-DDT	9.515	8.450	711339	1338212	1.165	0.905
18)	B Endrin al...	9.424	8.524	592549	1329386	1.147	1.114
19)	B Endosulfa...	9.662	8.754	629101	1776223	0.981	1.158
20)	A Methoxychlor	10.001	9.043	311116	1285765	0.907	1.510 #
21)	B Endrin ke...	10.174	9.271	1816634	1647987	2.520	0.997 #
22)	Mirex	10.637	9.456	684558	1395574	1.273	1.043

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070722\
Data File : PL076296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2022 12:09
Operator : AR\AJ
Sample : N3214-03
Misc : PEST MDL 1PPB
ALS Vial : 9 Sample Multiplier: 1

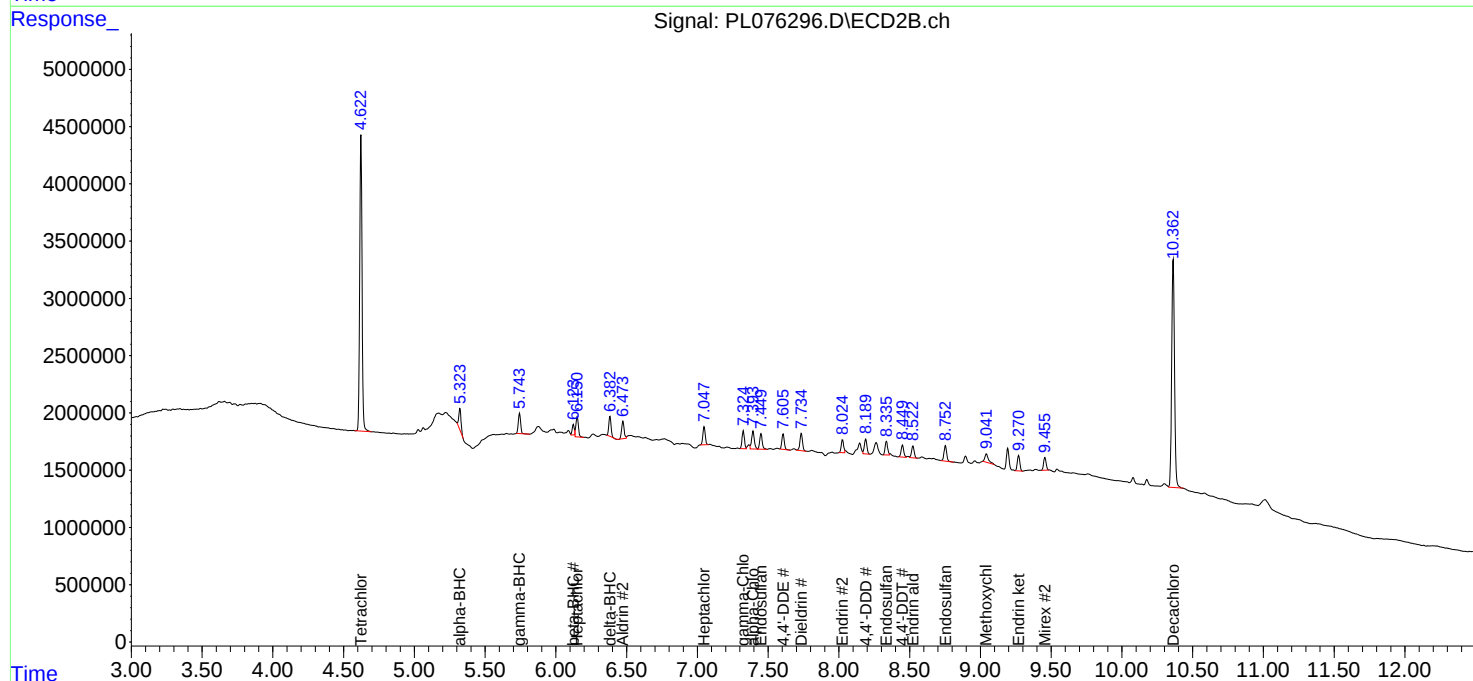
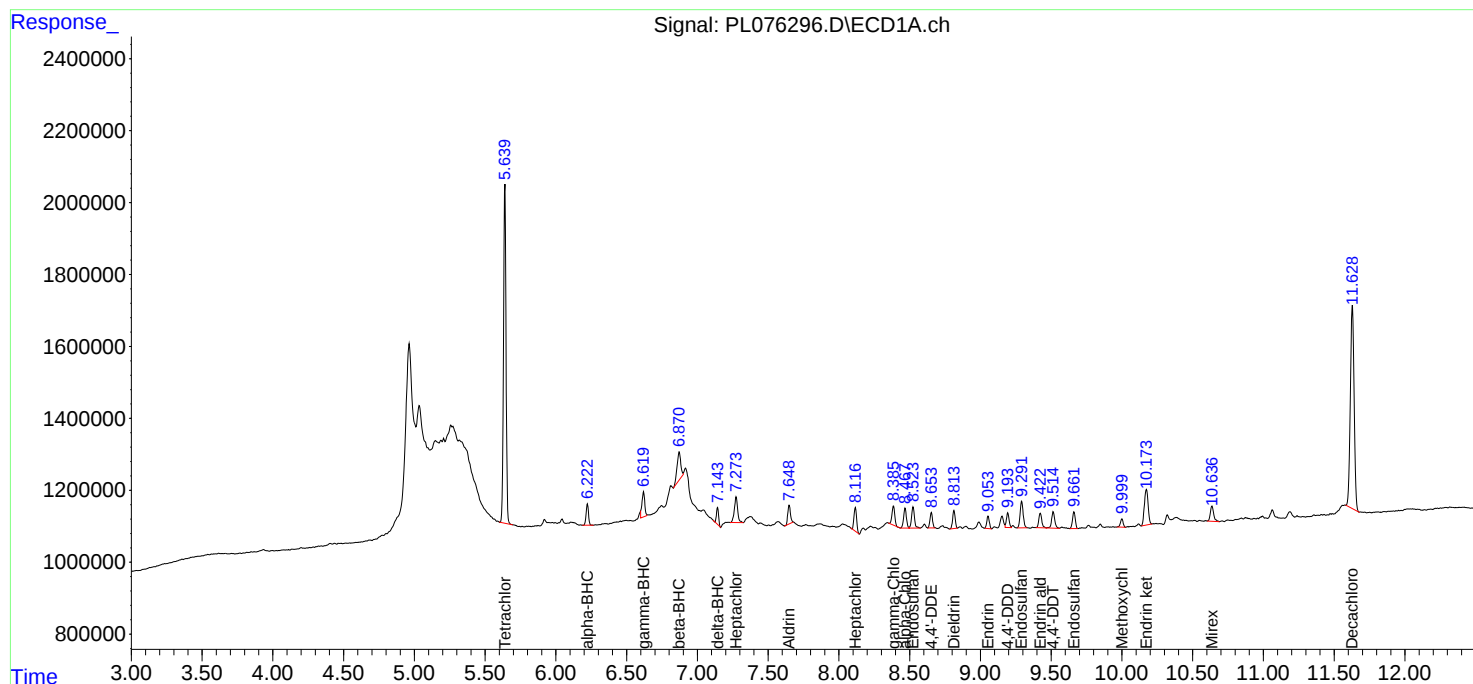
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

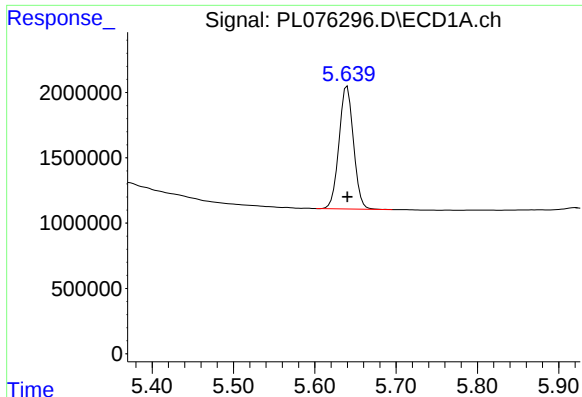
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:22:35 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





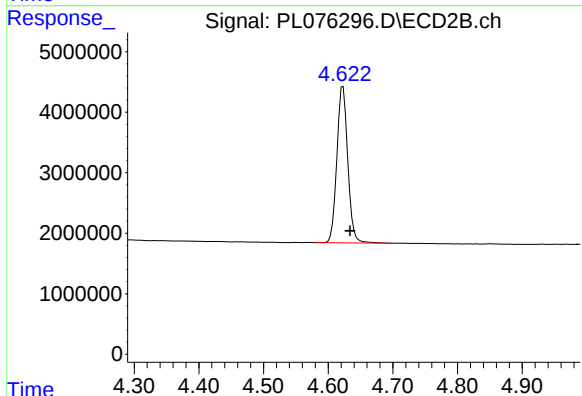
#1 Tetrachloro-m-xylene

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 11581550
Conc: 15.31 ng/ml

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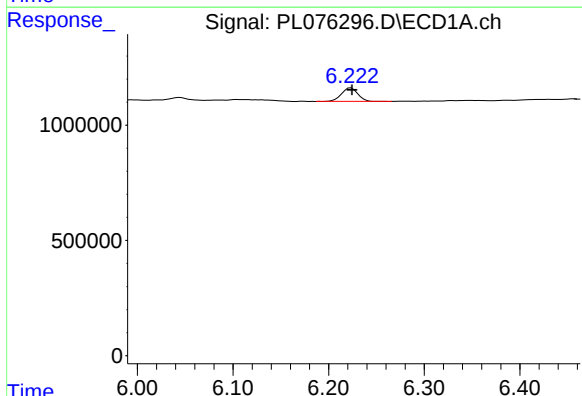
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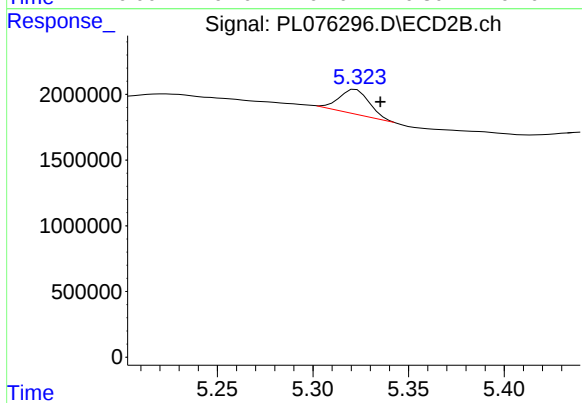
#1 Tetrachloro-m-xylene

R.T.: 4.623 min
Delta R.T.: -0.011 min
Response: 30274793
Conc: 15.96 ng/ml



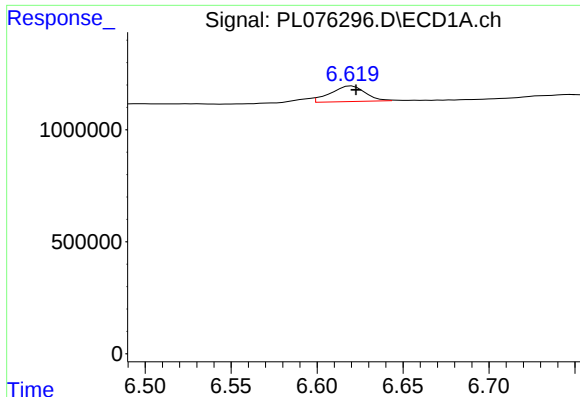
#2 alpha-BHC

R.T.: 6.223 min
Delta R.T.: -0.001 min
Response: 703151
Conc: 0.71 ng/ml



#2 alpha-BHC

R.T.: 5.323 min
Delta R.T.: -0.012 min
Response: 2030958
Conc: 0.83 ng/ml m



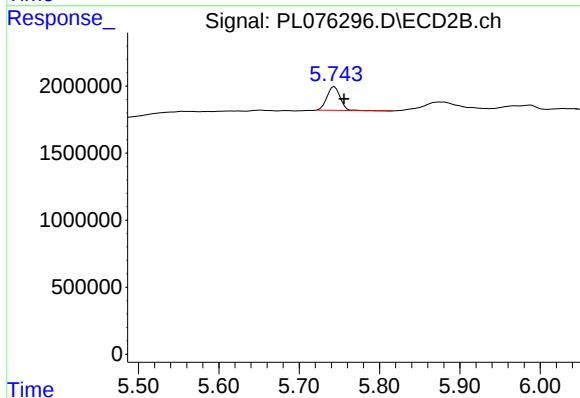
#3 gamma-BHC (Lindane)

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 970367
Conc: 1.05 ng/ml

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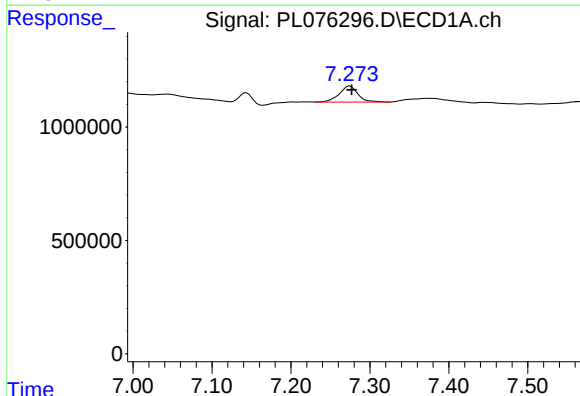
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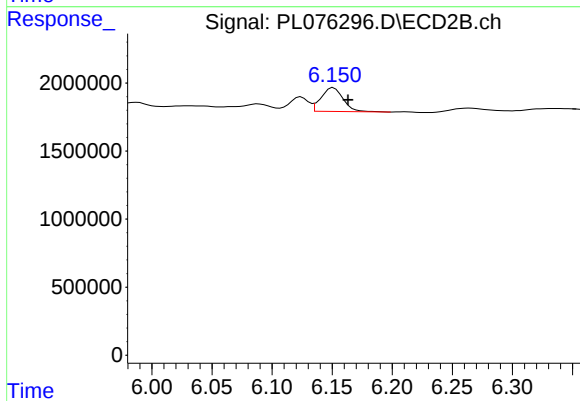
#3 gamma-BHC (Lindane)

R.T.: 5.744 min
Delta R.T.: -0.012 min
Response: 2013295
Conc: 0.87 ng/ml



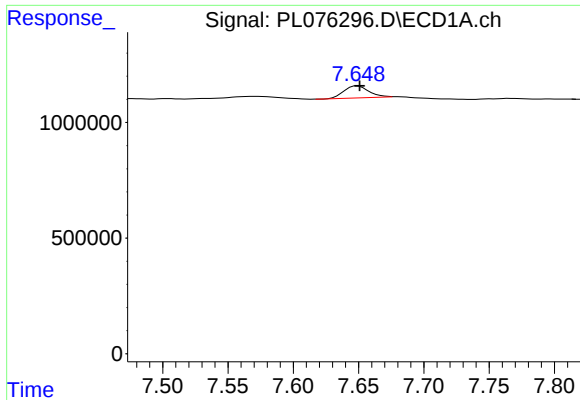
#4 Heptachlor

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 1153854
Conc: 1.26 ng/ml



#4 Heptachlor

R.T.: 6.151 min
Delta R.T.: -0.012 min
Response: 2229986
Conc: 0.98 ng/ml



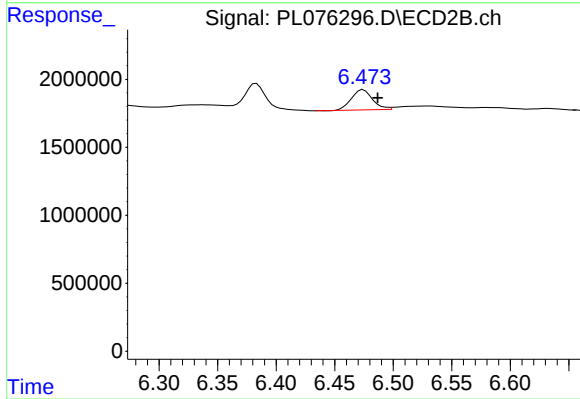
#5 Aldrin

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 692262
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

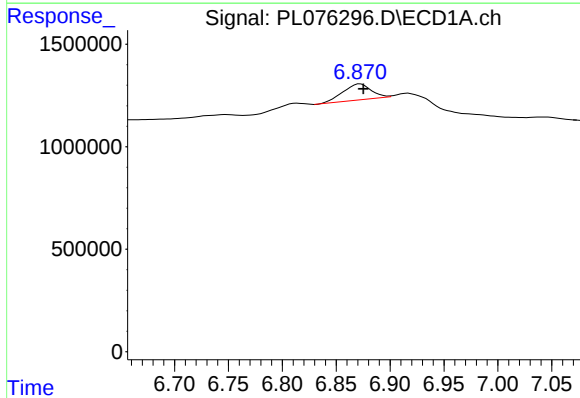
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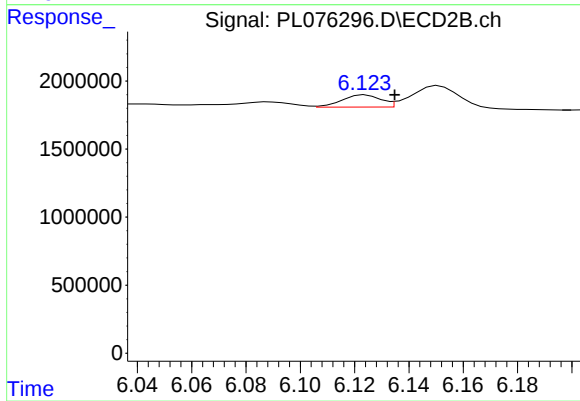
#5 Aldrin

R.T.: 6.474 min
Delta R.T.: -0.013 min
Response: 1865166
Conc: 0.90 ng/ml



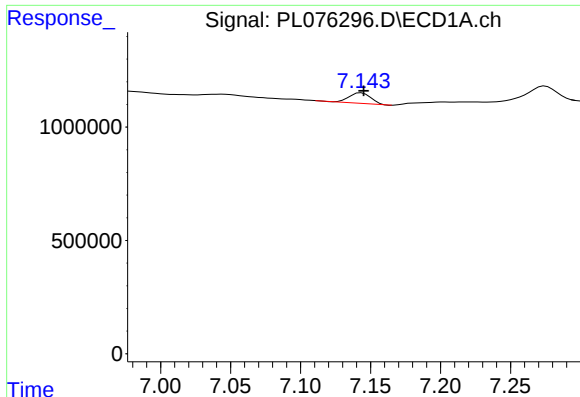
#6 beta-BHC

R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 1448959
Conc: 3.31 ng/ml m



#6 beta-BHC

R.T.: 6.123 min
Delta R.T.: -0.012 min
Response: 939751
Conc: 0.90 ng/ml m



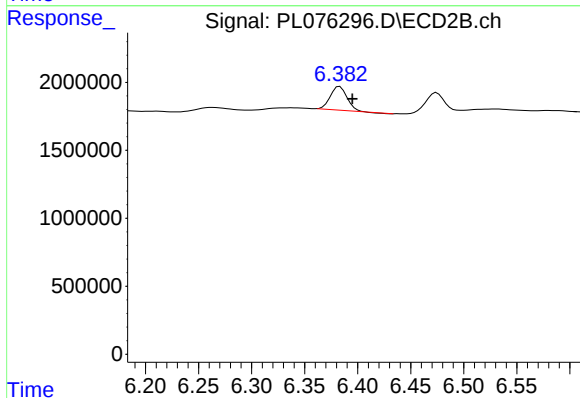
#7 delta-BHC

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 513948
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

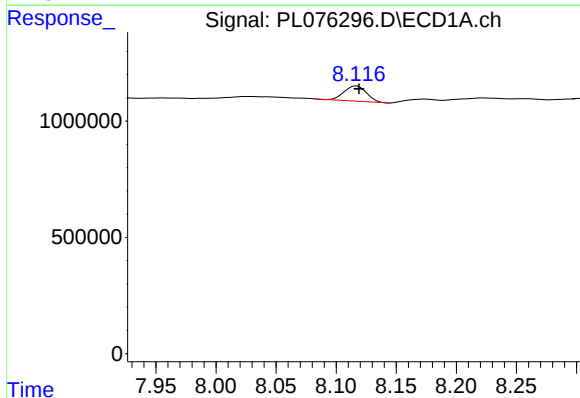
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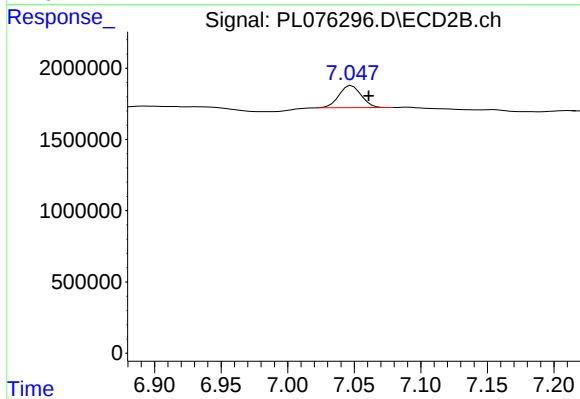
#7 delta-BHC

R.T.: 6.383 min
Delta R.T.: -0.012 min
Response: 1914860
Conc: 0.85 ng/ml



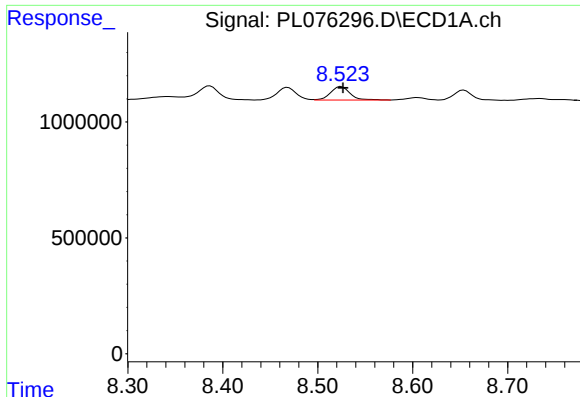
#8 Heptachlor epoxide

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 852175
Conc: 1.07 ng/ml



#8 Heptachlor epoxide

R.T.: 7.048 min
Delta R.T.: -0.013 min
Response: 1821060
Conc: 0.95 ng/ml



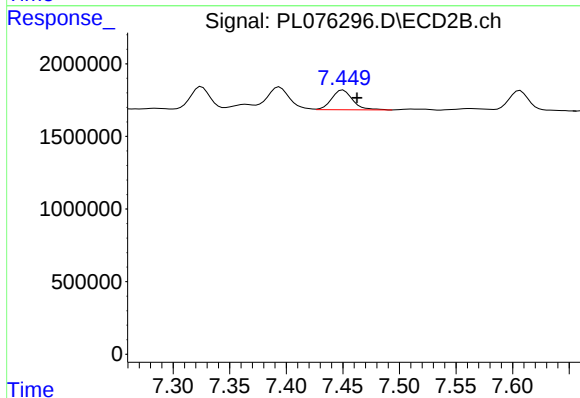
#9 Endosulfan I

R.T.: 8.525 min
Delta R.T.: -0.002 min
Response: 824343
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

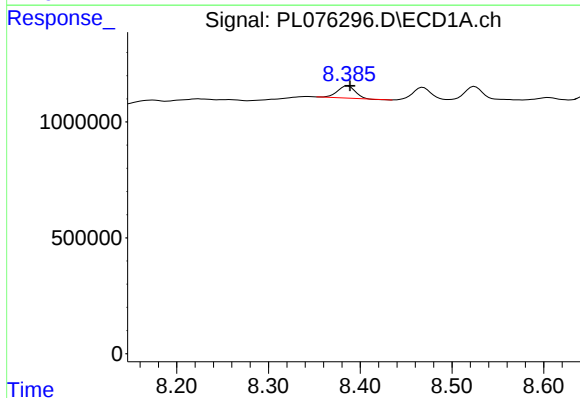
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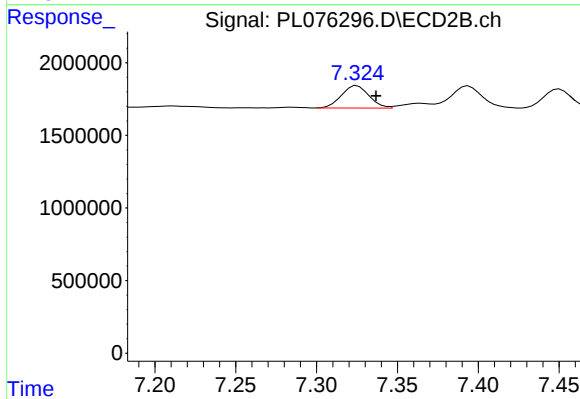
#9 Endosulfan I

R.T.: 7.450 min
Delta R.T.: -0.012 min
Response: 1756539
Conc: 1.00 ng/ml



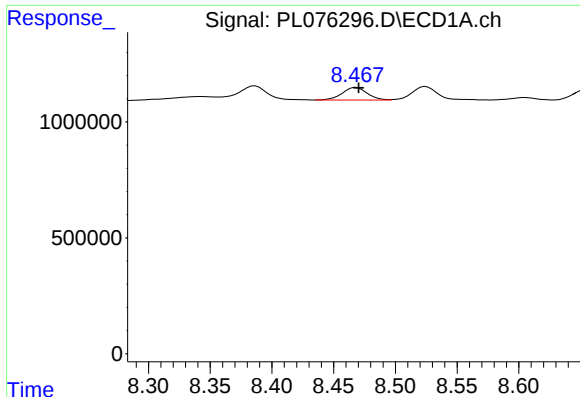
#10 gamma-Chlordane

R.T.: 8.386 min
Delta R.T.: -0.002 min
Response: 711280
Conc: 0.92 ng/ml



#10 gamma-Chlordane

R.T.: 7.325 min
Delta R.T.: -0.012 min
Response: 1840178
Conc: 0.96 ng/ml



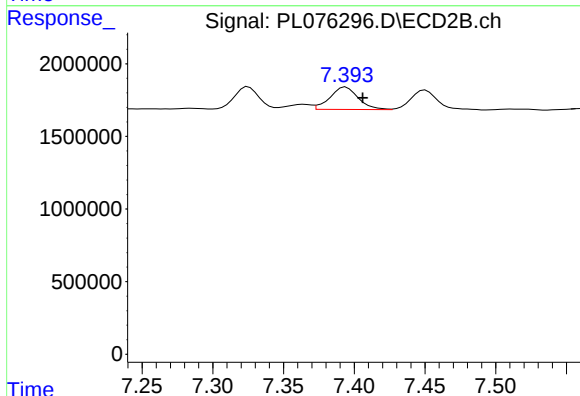
#11 alpha-Chlordane

R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 761737
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

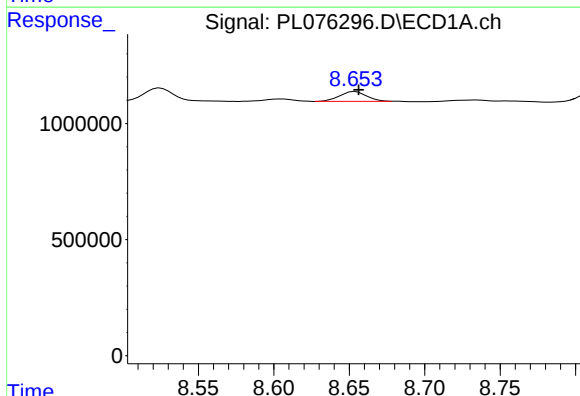
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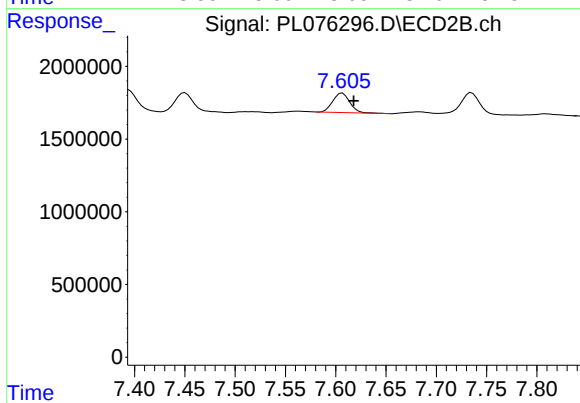
#11 alpha-Chlordane

R.T.: 7.394 min
Delta R.T.: -0.012 min
Response: 2150075
Conc: 1.12 ng/ml



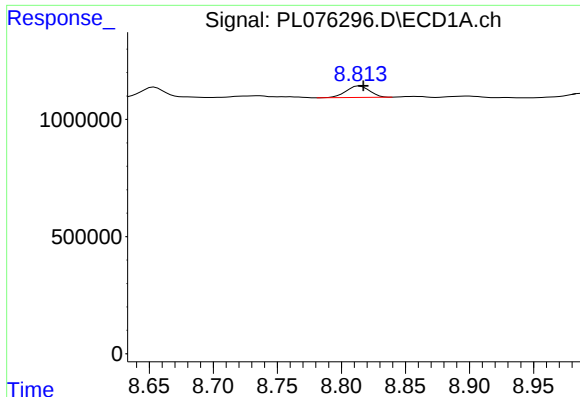
#12 4,4'-DDE

R.T.: 8.653 min
Delta R.T.: -0.004 min
Response: 527840
Conc: 0.78 ng/ml m



#12 4,4'-DDE

R.T.: 7.607 min
Delta R.T.: -0.011 min
Response: 1592213
Conc: 0.94 ng/ml



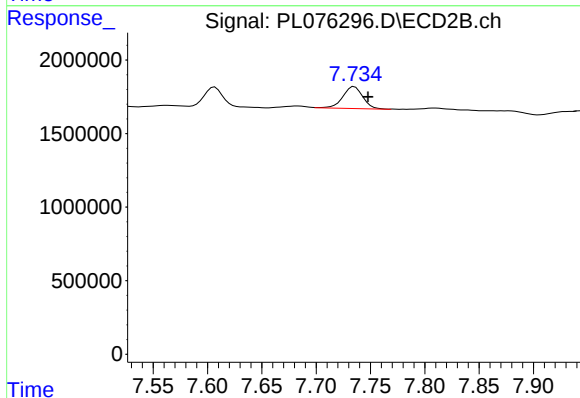
#13 Dieldrin

R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 627793
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

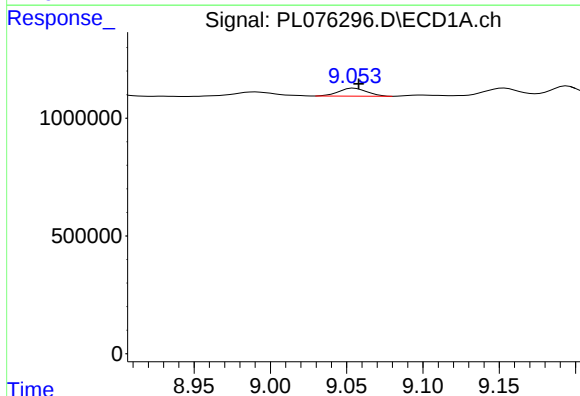
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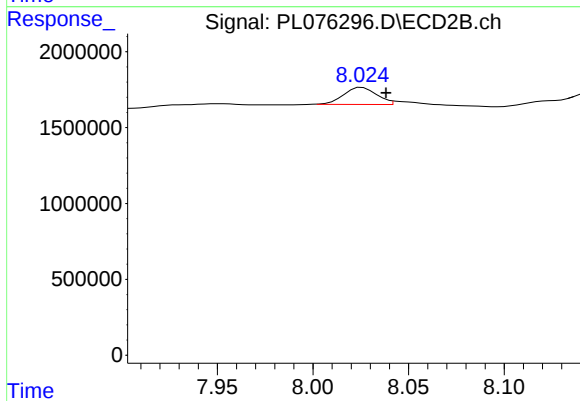
#13 Dieldrin

R.T.: 7.734 min
Delta R.T.: -0.014 min
Response: 1897932
Conc: 1.05 ng/ml m



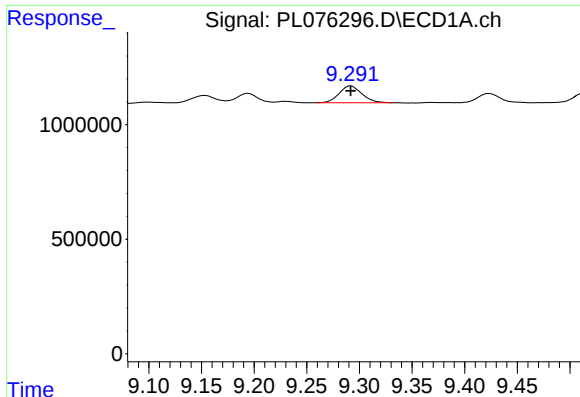
#14 Endrin

R.T.: 9.053 min
Delta R.T.: -0.004 min
Response: 434381
Conc: 0.70 ng/ml m



#14 Endrin

R.T.: 8.024 min
Delta R.T.: -0.014 min
Response: 1358817
Conc: 0.89 ng/ml m



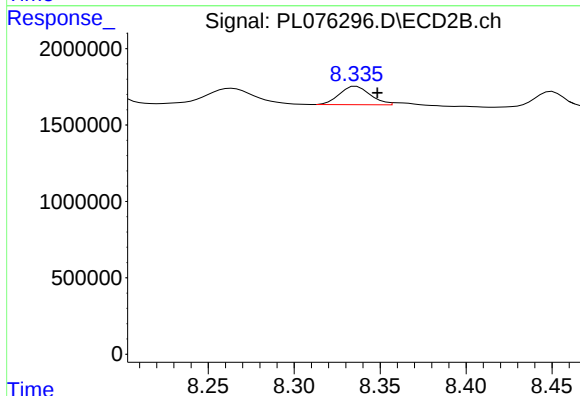
#15 Endosulfan II

R.T.: 9.292 min
Delta R.T.: 0.000 min
Response: 1105596
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

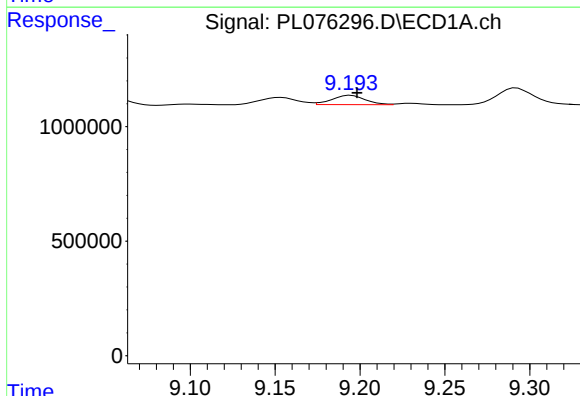
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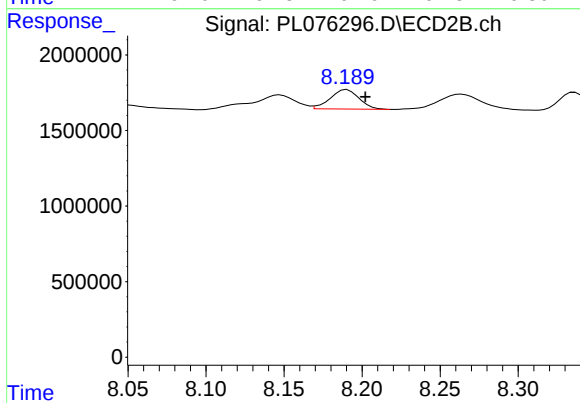
#15 Endosulfan II

R.T.: 8.335 min
Delta R.T.: -0.014 min
Response: 1519696
Conc: 1.01 ng/ml m



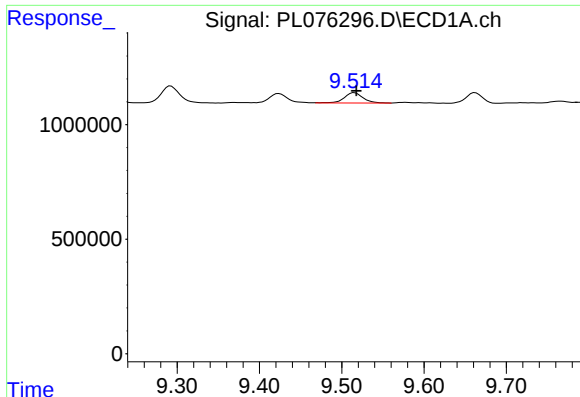
#16 4,4'-DDD

R.T.: 9.195 min
Delta R.T.: -0.004 min
Response: 550436
Conc: 0.97 ng/ml



#16 4,4'-DDD

R.T.: 8.189 min
Delta R.T.: -0.013 min
Response: 1632293
Conc: 1.18 ng/ml m



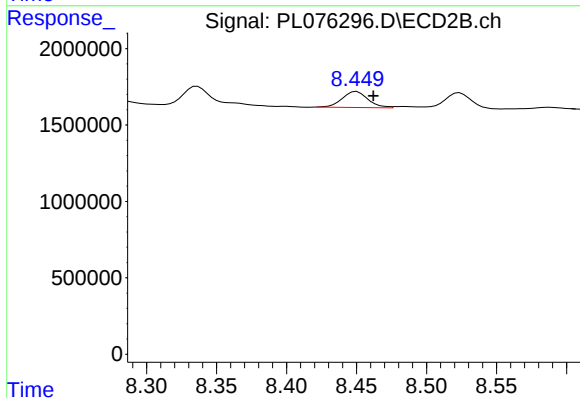
#17 4,4'-DDT

R.T.: 9.515 min
Delta R.T.: -0.002 min
Response: 711339
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

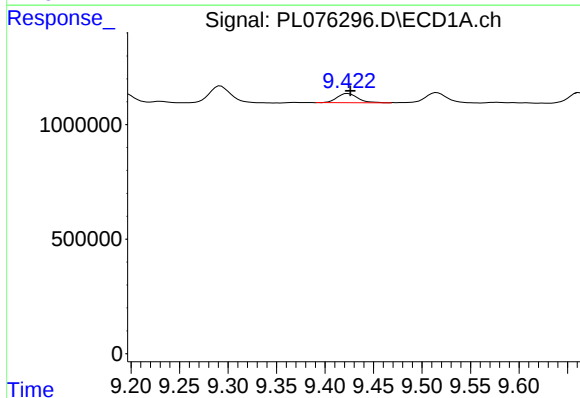
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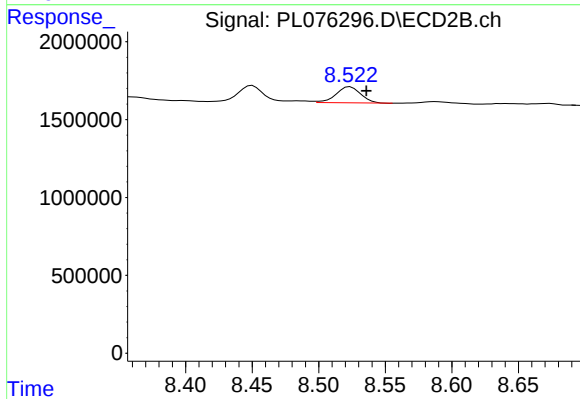
#17 4,4'-DDT

R.T.: 8.450 min
Delta R.T.: -0.012 min
Response: 1338212
Conc: 0.90 ng/ml



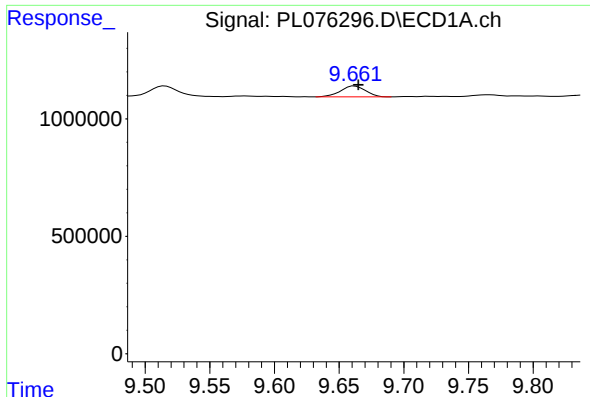
#18 Endrin aldehyde

R.T.: 9.424 min
Delta R.T.: -0.003 min
Response: 592549
Conc: 1.15 ng/ml



#18 Endrin aldehyde

R.T.: 8.524 min
Delta R.T.: -0.012 min
Response: 1329386
Conc: 1.11 ng/ml



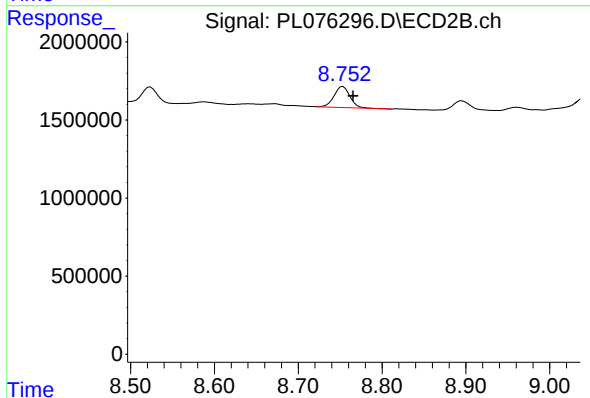
#19 Endosulfan Sulfate

R.T.: 9.662 min
Delta R.T.: -0.003 min
Response: 629101
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

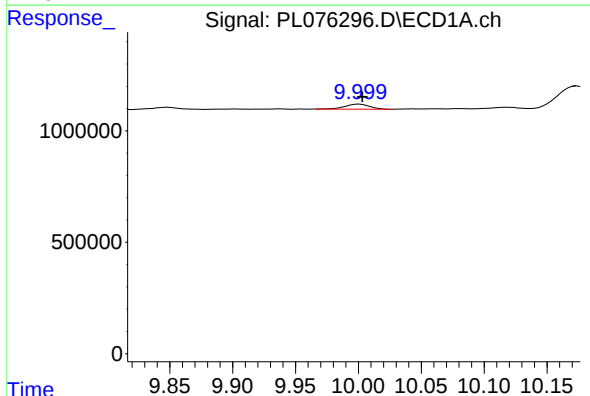
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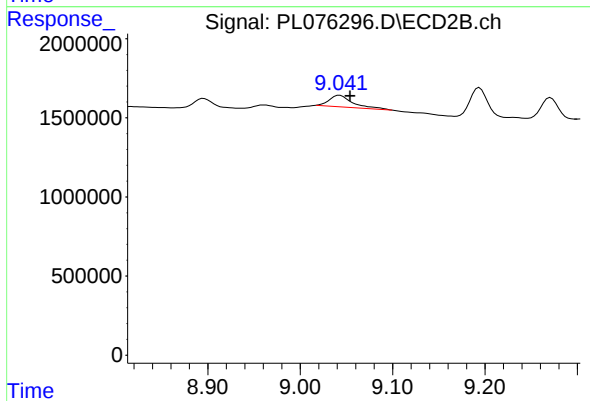
#19 Endosulfan Sulfate

R.T.: 8.754 min
Delta R.T.: -0.012 min
Response: 1776223
Conc: 1.16 ng/ml



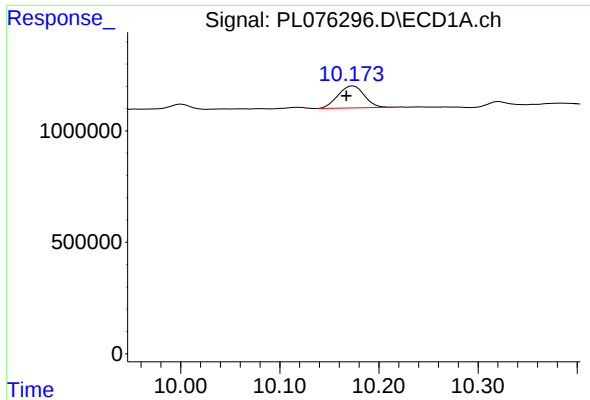
#20 Methoxychlor

R.T.: 10.001 min
Delta R.T.: -0.002 min
Response: 311116
Conc: 0.91 ng/ml



#20 Methoxychlor

R.T.: 9.043 min
Delta R.T.: -0.011 min
Response: 1285765
Conc: 1.51 ng/ml



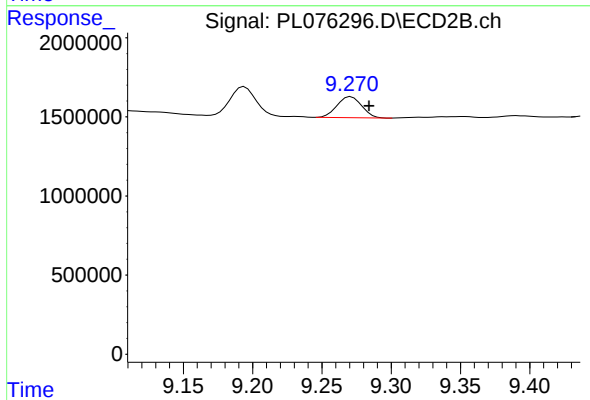
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: 0.007 min
Response: 1816634
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

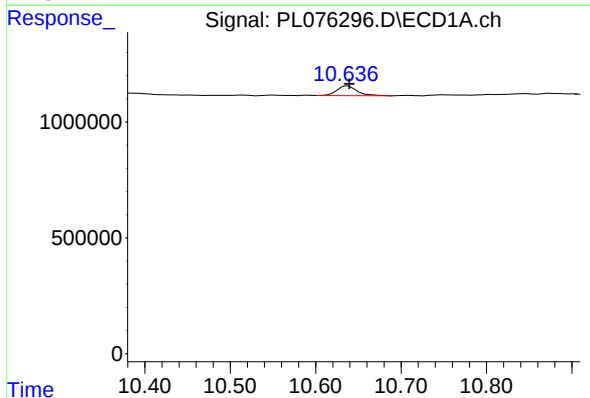
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022



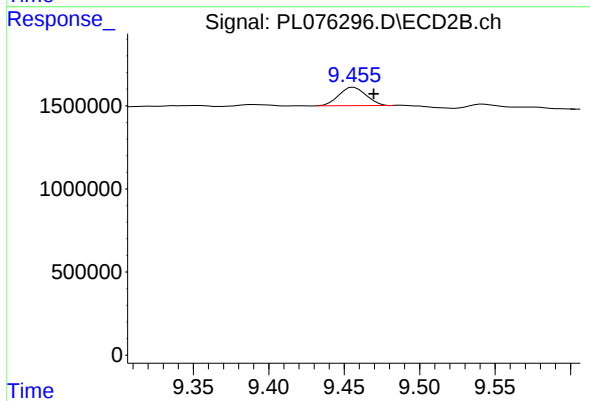
#21 Endrin ketone

R.T.: 9.271 min
Delta R.T.: -0.013 min
Response: 1647987
Conc: 1.00 ng/ml



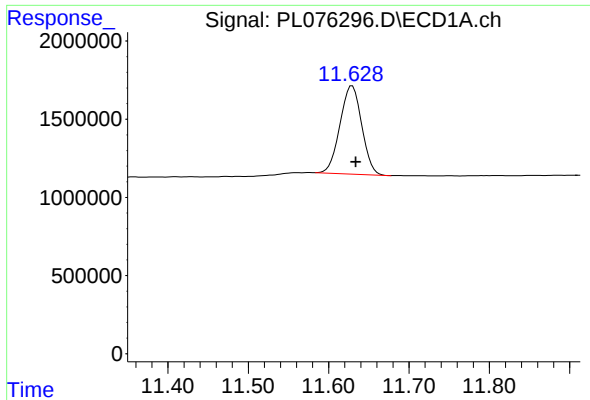
#22 Mirex

R.T.: 10.637 min
Delta R.T.: -0.003 min
Response: 684558
Conc: 1.27 ng/ml



#22 Mirex

R.T.: 9.456 min
Delta R.T.: -0.013 min
Response: 1395574
Conc: 1.04 ng/ml



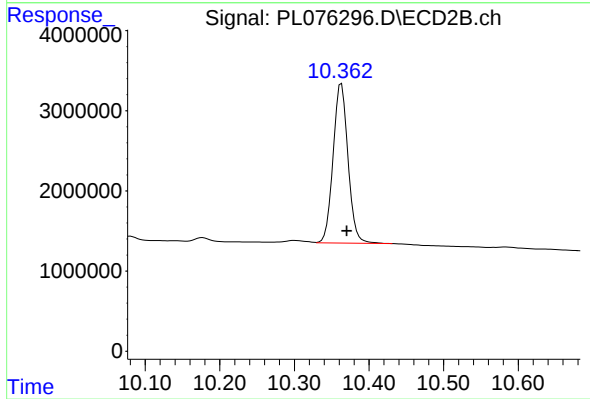
#28 Decachlorobiphenyl

R.T.: 11.628 min
Delta R.T.: -0.006 min
Response: 10603275
Conc: 16.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2022

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#28 Decachlorobiphenyl

R.T.: 10.363 min
Delta R.T.: -0.007 min
Response: 27495100
Conc: 17.90 ng/ml