

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
 Data File : PL076206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2022 08:35
 Operator : AR\AJ
 Sample : N3214-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/05/2022
 Supervised By : Ankita Jodhani 07/05/2022

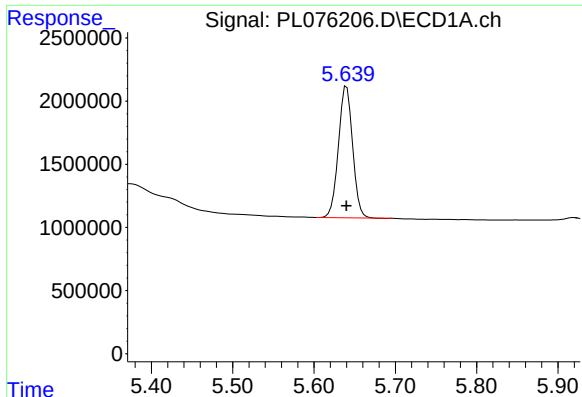
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 00:20:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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	4.630	12606444	31566423	16.668	16.644
28)	SA Decachlor...	11.631	10.369	12126819	28649431	19.271	18.653
Target Compounds							
2)	A alpha-BHC	6.223	5.331	776421	2139282	0.786	0.875
3)	MA gamma-BHC...	6.621	5.751	845125	2353193	0.913	1.018
4)	MA Heptachlor	7.276	6.158	753910	2324795	0.822	1.025
5)	MB Aldrin	7.649	6.481	644567	1915429	0.777	0.928
6)	B beta-BHC	6.875	6.131	535354	1323021	1.222	1.268
7)	B delta-BHC	7.142	6.390	893026	2506030	1.144	1.109
8)	B Heptachlo...	8.116	7.055	685968	2098905	0.862m	1.094 #
9)	A Endosulfan I	8.526	7.457	737516	2136976	1.020	1.217
10)	B gamma-Chl...	8.388	7.331	939867	2198524	1.209	1.144
11)	B alpha-Chl...	8.470	7.400	789762	2505294	1.017	1.309 #
12)	B 4,4'-DDE	8.655	7.613	555176	1634694	0.821	0.963
13)	MA Dieldrin	8.816	7.741	701739	2220979	0.956	1.234m#
14)	MA Endrin	9.056	8.033	574328	1357294	0.921	0.893
15)	B Endosulfa...	9.293	8.343	913665	1478590	1.440	0.978 #
16)	A 4,4'-DDD	9.197	8.195	584887	1394199	1.031	1.005m
17)	MA 4,4'-DDT	9.517	8.456	682055	1398465	1.117	0.946
18)	B Endrin al...	9.426	8.530	556559	1394807	1.078	1.168
19)	B Endosulfa...	9.664	8.761	720723	1777771	1.124	1.159
20)	A Methoxychlor	10.002	9.049	357980	801479	1.044	0.941
21)	B Endrin ke...	10.181	9.278	3407862	1835254	4.728	1.111 #
22)	Mirex	10.639	9.464	750574	1551883	1.396	1.160

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



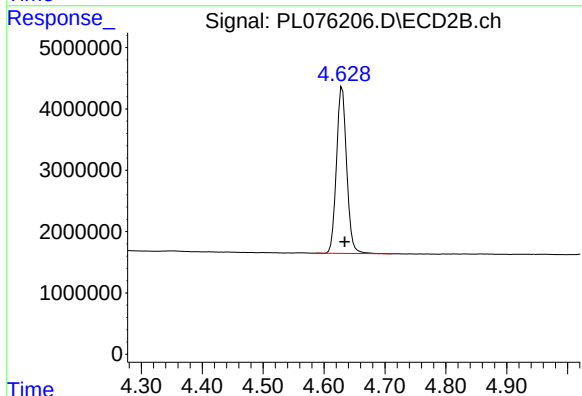
#1 Tetrachloro-m-xylene

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 12606444
Conc: 16.67 ng/ml

Instrument :
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ClientSampleId :
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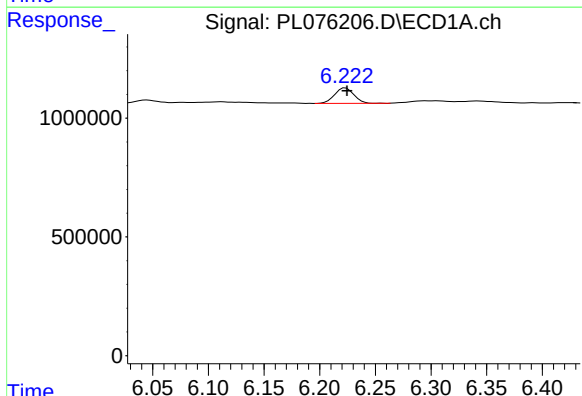
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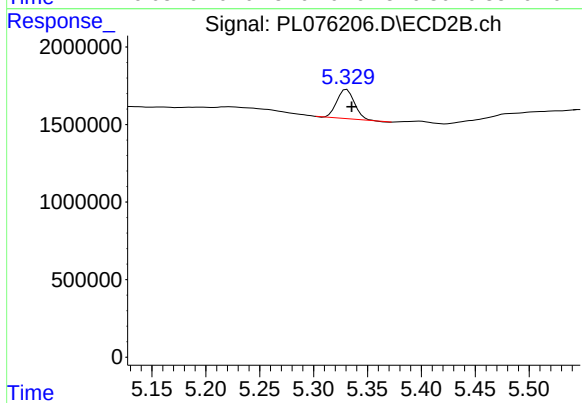
#1 Tetrachloro-m-xylene

R.T.: 4.630 min
Delta R.T.: -0.004 min
Response: 31566423
Conc: 16.64 ng/ml



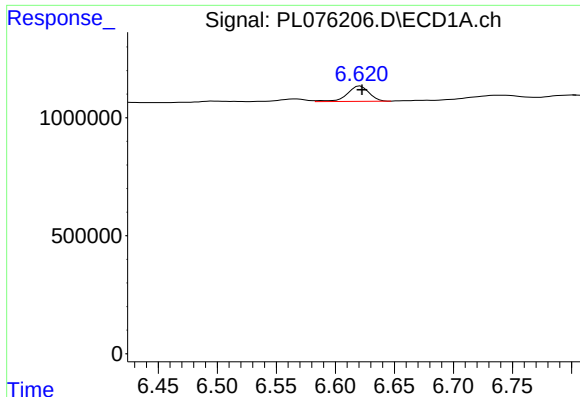
#2 alpha-BHC

R.T.: 6.223 min
Delta R.T.: -0.001 min
Response: 776421
Conc: 0.79 ng/ml



#2 alpha-BHC

R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 2139282
Conc: 0.88 ng/ml



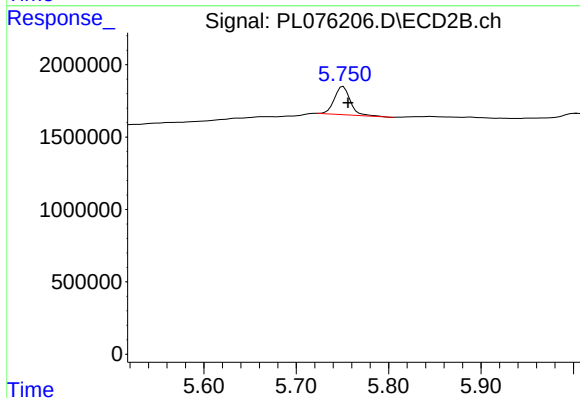
#3 gamma-BHC (Lindane)

R.T.: 6.621 min
Delta R.T.: -0.001 min
Response: 845125
Conc: 0.91 ng/ml

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

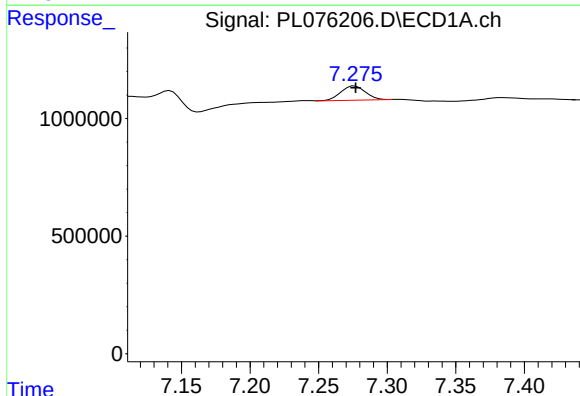
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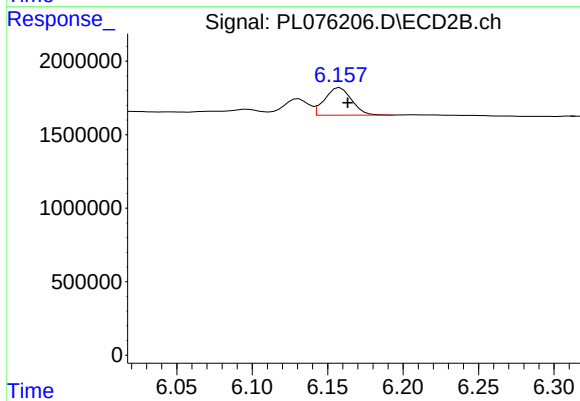
#3 gamma-BHC (Lindane)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 2353193
Conc: 1.02 ng/ml



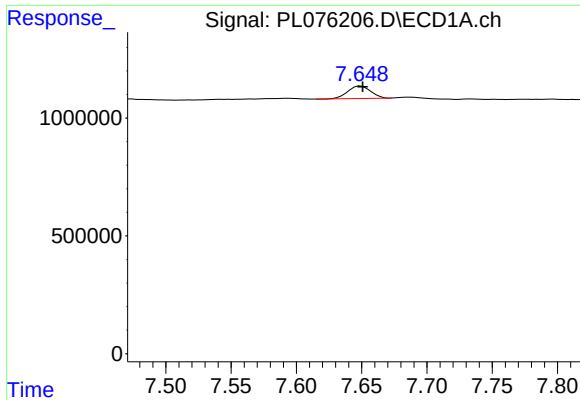
#4 Heptachlor

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 753910
Conc: 0.82 ng/ml



#4 Heptachlor

R.T.: 6.158 min
Delta R.T.: -0.005 min
Response: 2324795
Conc: 1.02 ng/ml



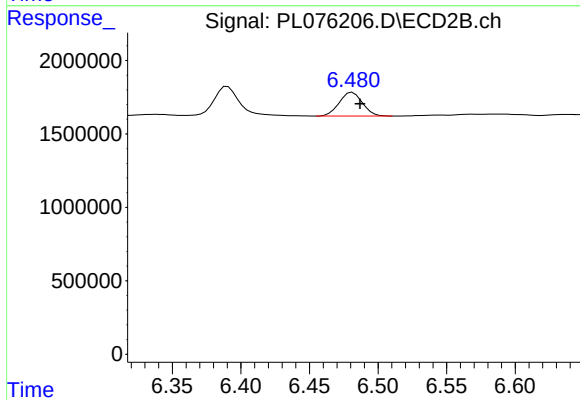
#5 Aldrin

R.T.: 7.649 min
Delta R.T.: -0.001 min
Response: 644567
Conc: 0.78 ng/ml

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

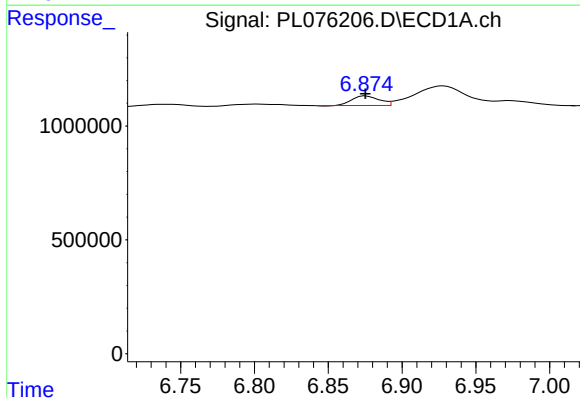
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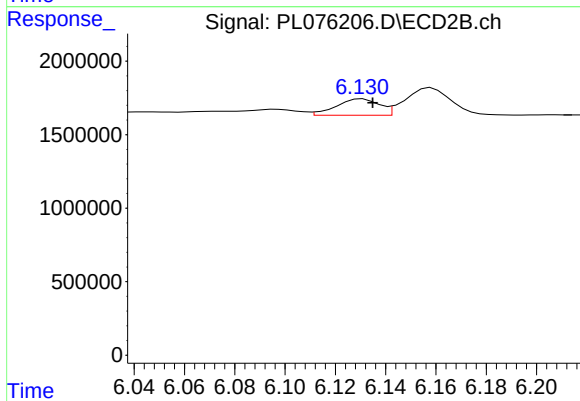
#5 Aldrin

R.T.: 6.481 min
Delta R.T.: -0.006 min
Response: 1915429
Conc: 0.93 ng/ml



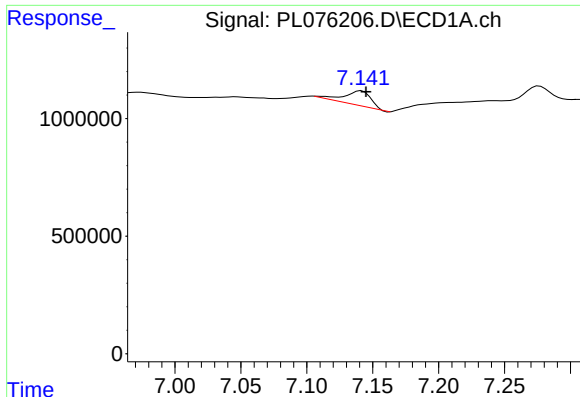
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 535354
Conc: 1.22 ng/ml



#6 beta-BHC

R.T.: 6.131 min
Delta R.T.: -0.004 min
Response: 1323021
Conc: 1.27 ng/ml



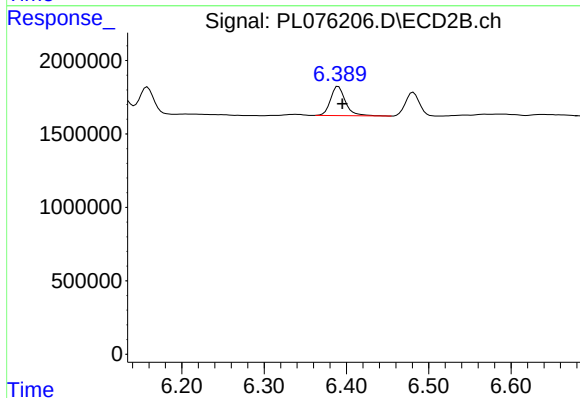
#7 delta-BHC

R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 893026
Conc: 1.14 ng/ml

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

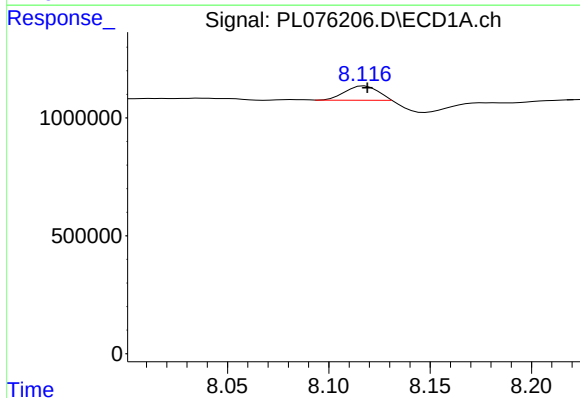
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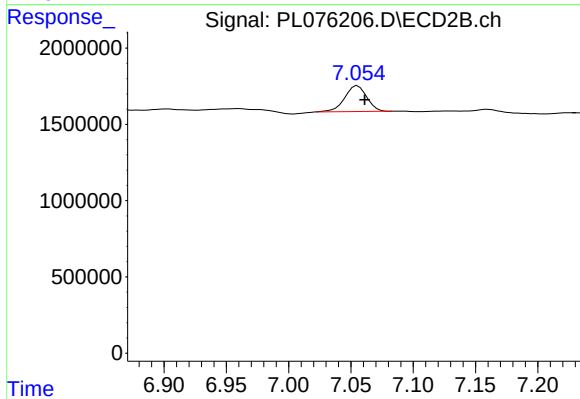
#7 delta-BHC

R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 2506030
Conc: 1.11 ng/ml



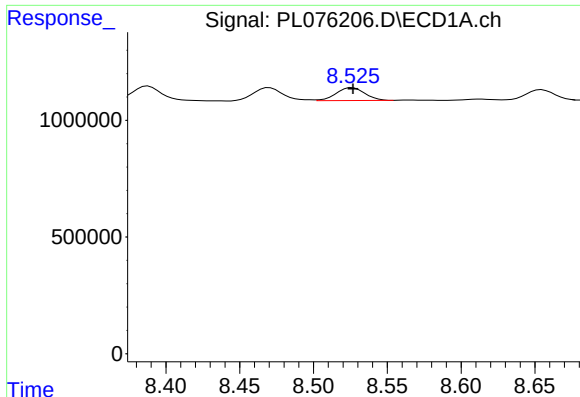
#8 Heptachlor epoxide

R.T.: 8.116 min
Delta R.T.: -0.003 min
Response: 685968
Conc: 0.86 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.055 min
Delta R.T.: -0.006 min
Response: 2098905
Conc: 1.09 ng/ml



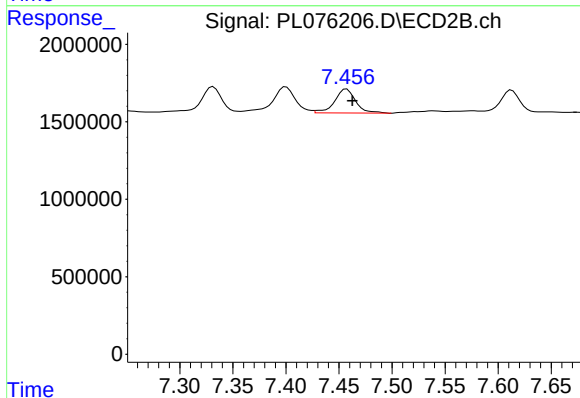
#9 Endosulfan I

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 737516
Conc: 1.02 ng/ml

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

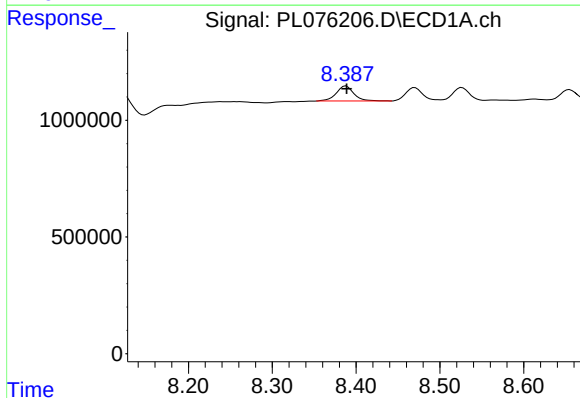
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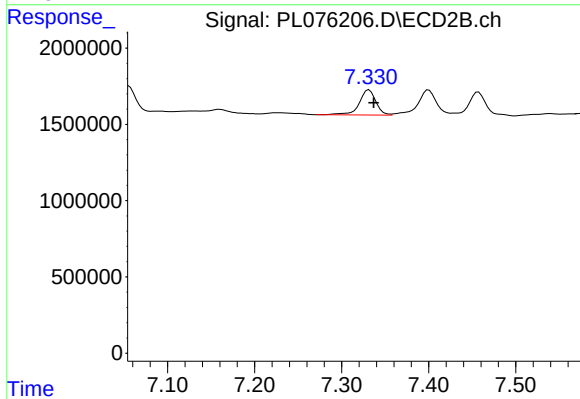
#9 Endosulfan I

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 2136976
Conc: 1.22 ng/ml



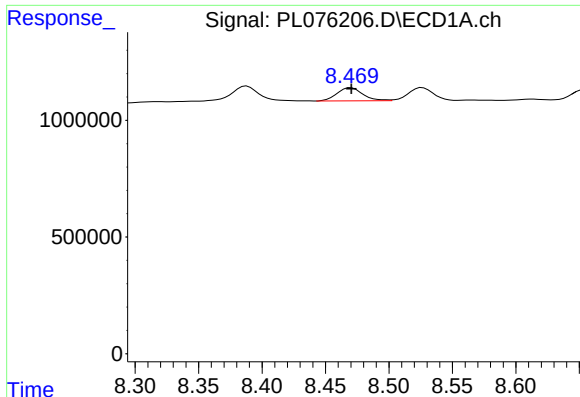
#10 gamma-Chlordane

R.T.: 8.388 min
Delta R.T.: 0.000 min
Response: 939867
Conc: 1.21 ng/ml



#10 gamma-Chlordane

R.T.: 7.331 min
Delta R.T.: -0.005 min
Response: 2198524
Conc: 1.14 ng/ml



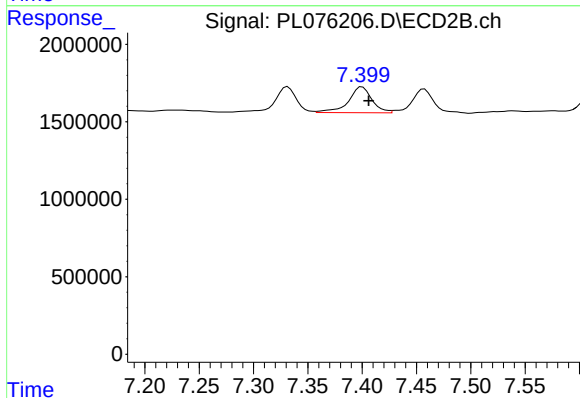
#11 alpha-Chlordane

R.T.: 8.470 min
Delta R.T.: 0.000 min
Response: 789762
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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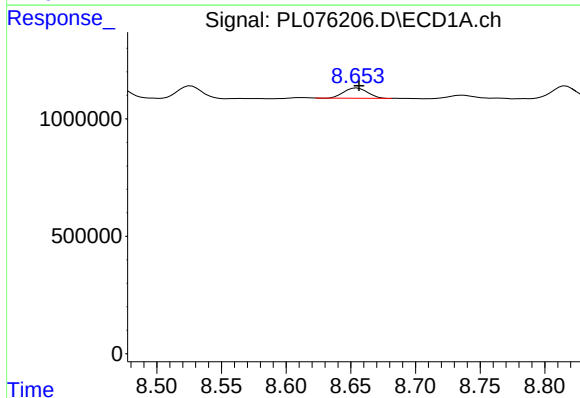
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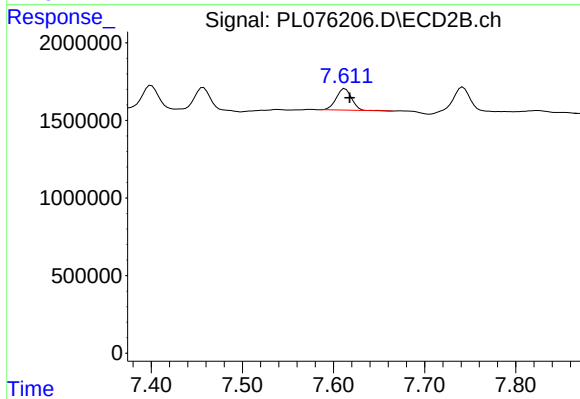
#11 alpha-Chlordane

R.T.: 7.400 min
Delta R.T.: -0.006 min
Response: 2505294
Conc: 1.31 ng/ml



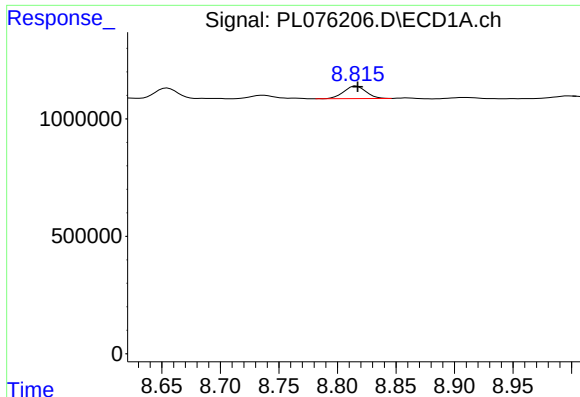
#12 4,4'-DDE

R.T.: 8.655 min
Delta R.T.: -0.002 min
Response: 555176
Conc: 0.82 ng/ml



#12 4,4'-DDE

R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 1634694
Conc: 0.96 ng/ml



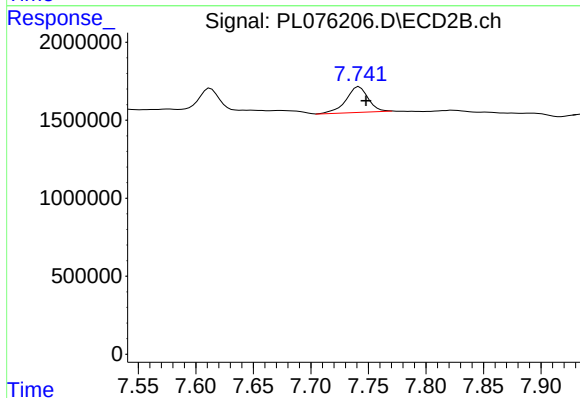
#13 Dieldrin

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 701739
Conc: 0.96 ng/ml

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

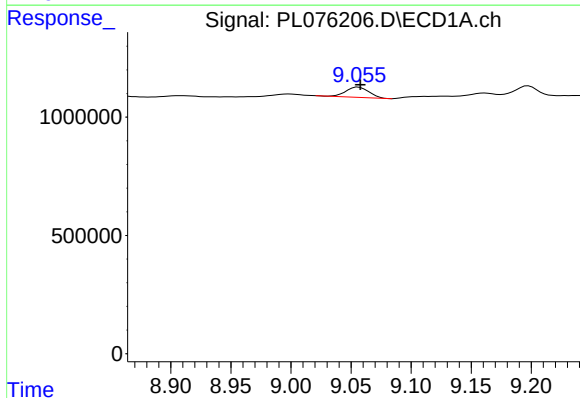
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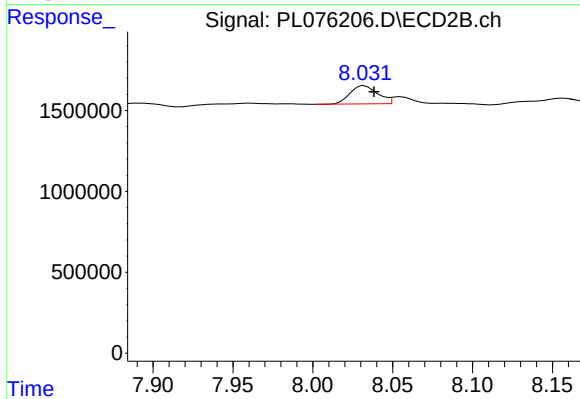
#13 Dieldrin

R.T.: 7.741 min
Delta R.T.: -0.007 min
Response: 2220979
Conc: 1.23 ng/ml m



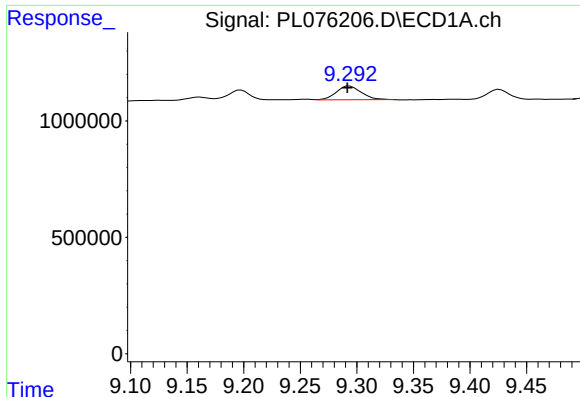
#14 Endrin

R.T.: 9.056 min
Delta R.T.: -0.002 min
Response: 574328
Conc: 0.92 ng/ml



#14 Endrin

R.T.: 8.033 min
Delta R.T.: -0.006 min
Response: 1357294
Conc: 0.89 ng/ml



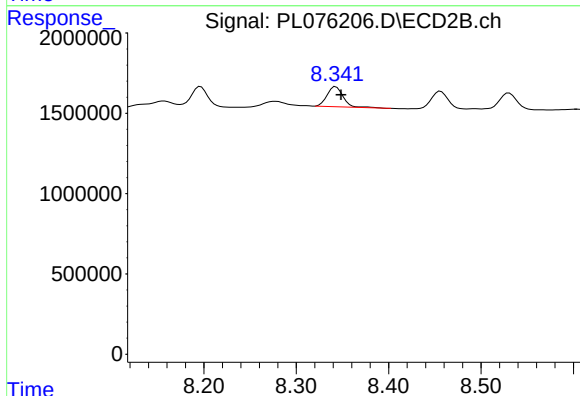
#15 Endosulfan II

R.T.: 9.293 min
Delta R.T.: 0.002 min
Response: 913665
Conc: 1.44 ng/ml

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

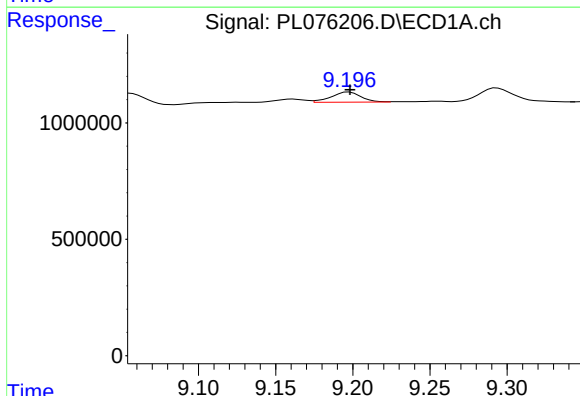
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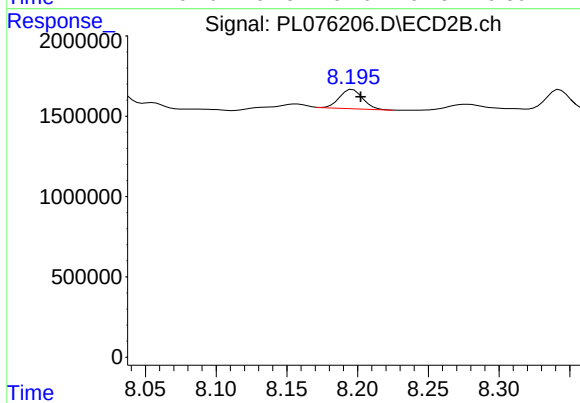
#15 Endosulfan II

R.T.: 8.343 min
Delta R.T.: -0.006 min
Response: 1478590
Conc: 0.98 ng/ml



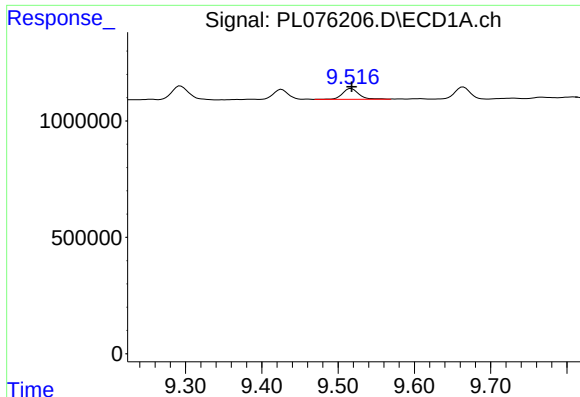
#16 4,4'-DDD

R.T.: 9.197 min
Delta R.T.: 0.000 min
Response: 584887
Conc: 1.03 ng/ml



#16 4,4'-DDD

R.T.: 8.195 min
Delta R.T.: -0.007 min
Response: 1394199
Conc: 1.01 ng/ml m



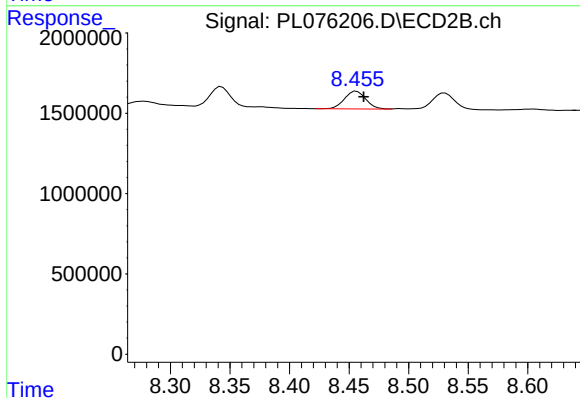
#17 4,4'-DDT

R.T.: 9.517 min
Delta R.T.: 0.000 min
Response: 682055
Conc: 1.12 ng/ml

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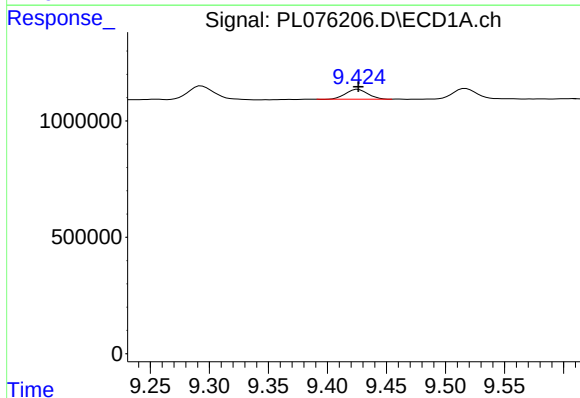
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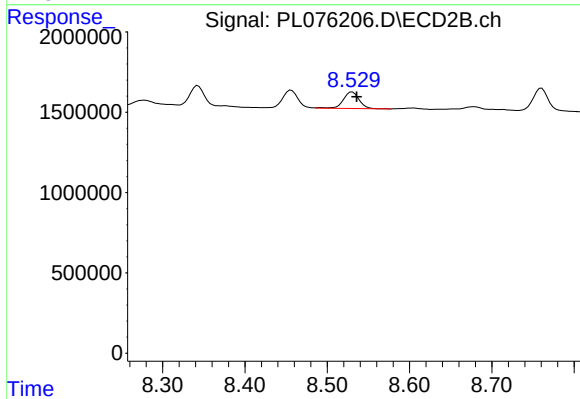
#17 4,4'-DDT

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 1398465
Conc: 0.95 ng/ml



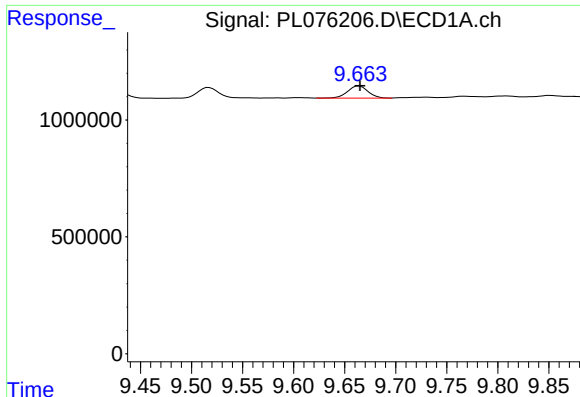
#18 Endrin aldehyde

R.T.: 9.426 min
Delta R.T.: 0.000 min
Response: 556559
Conc: 1.08 ng/ml



#18 Endrin aldehyde

R.T.: 8.530 min
Delta R.T.: -0.005 min
Response: 1394807
Conc: 1.17 ng/ml



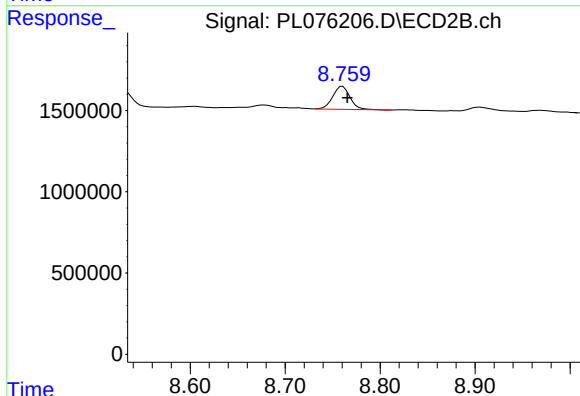
#19 Endosulfan Sulfate

R.T.: 9.664 min
Delta R.T.: 0.000 min
Response: 720723
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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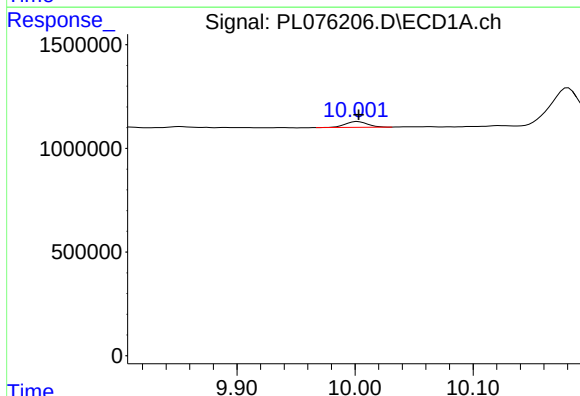
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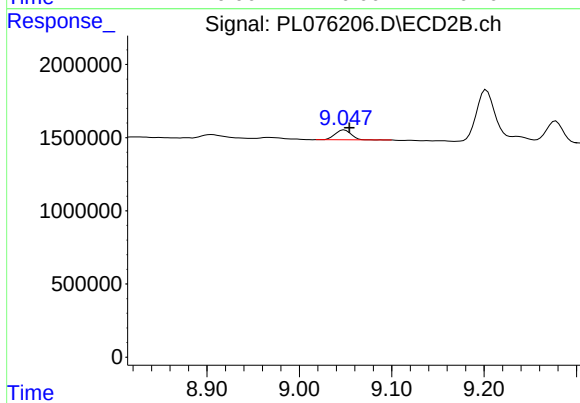
#19 Endosulfan Sulfate

R.T.: 8.761 min
Delta R.T.: -0.005 min
Response: 1777771
Conc: 1.16 ng/ml



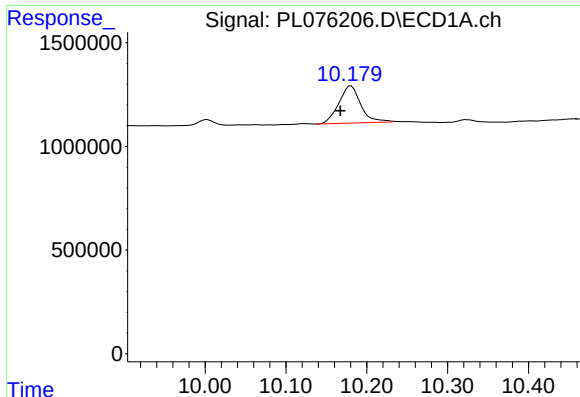
#20 Methoxychlor

R.T.: 10.002 min
Delta R.T.: 0.000 min
Response: 357980
Conc: 1.04 ng/ml



#20 Methoxychlor

R.T.: 9.049 min
Delta R.T.: -0.005 min
Response: 801479
Conc: 0.94 ng/ml



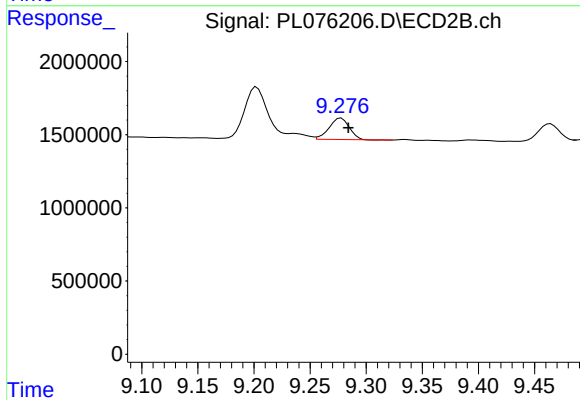
#21 Endrin ketone

R.T.: 10.181 min
Delta R.T.: 0.013 min
Response: 3407862
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
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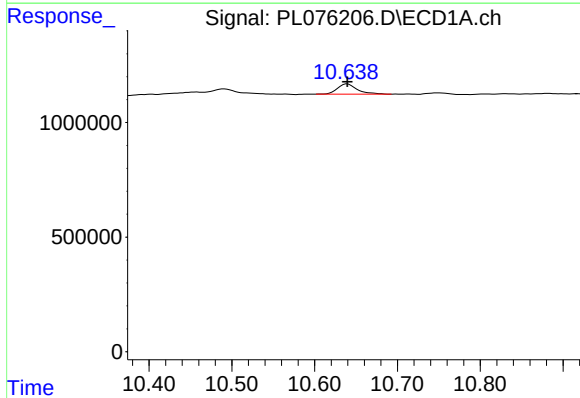
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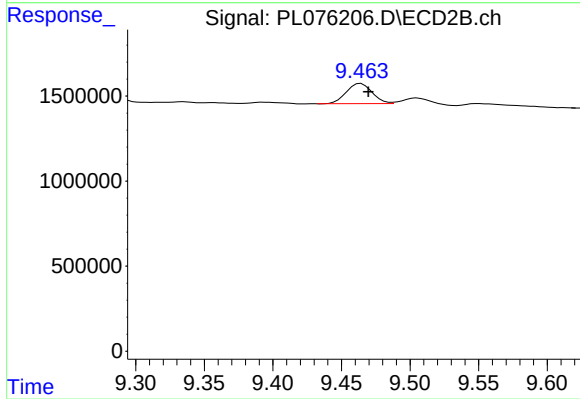
#21 Endrin ketone

R.T.: 9.278 min
Delta R.T.: -0.006 min
Response: 1835254
Conc: 1.11 ng/ml



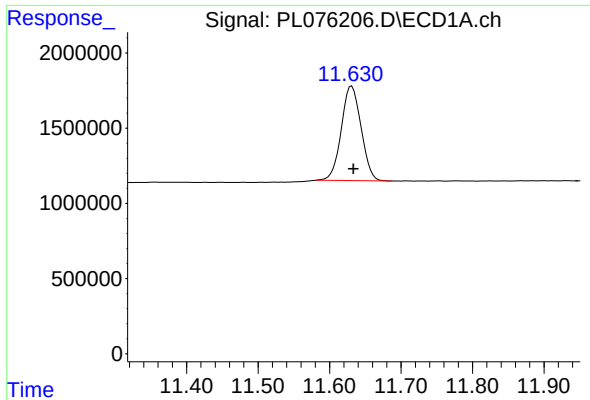
#22 Mirex

R.T.: 10.639 min
Delta R.T.: 0.000 min
Response: 750574
Conc: 1.40 ng/ml



#22 Mirex

R.T.: 9.464 min
Delta R.T.: -0.005 min
Response: 1551883
Conc: 1.16 ng/ml



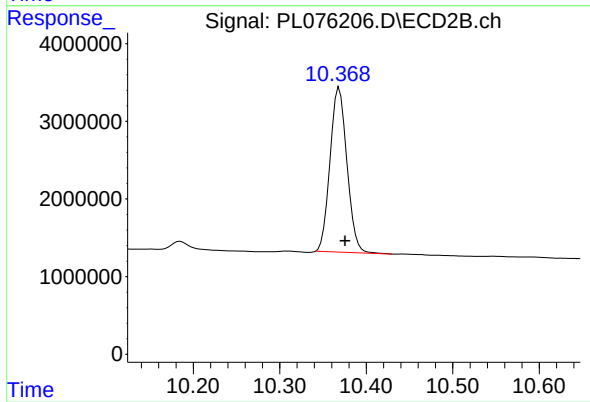
#28 Decachlorobiphenyl

R.T.: 11.631 min
Delta R.T.: -0.003 min
Response: 12126819
Conc: 19.27 ng/ml

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

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/05/2022
Supervised By :Ankita Jodhani 07/05/2022



#28 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: -0.007 min
Response: 28649431
Conc: 18.65 ng/ml