

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012120\
 Data File : PL055934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 13:14
 Operator : AJ\MA
 Sample : L1161-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:15:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 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...	3.489	3.966	166.2E6	52461565	17.340	18.562
28)	SA Decachlor...	8.234	8.951	184.8E6	44153337	17.673	19.273
Target Compounds							
2)	A alpha-BHC	3.926	4.349	18249828	3326260	1.100	0.784 #
3)	MA gamma-BHC...	4.210	4.628	11262328	3511830	0.742	0.885
4)	MA Heptachlor	4.511	5.128	12842319	3305641	0.860	0.978
5)	MB Aldrin	4.759	5.428	11826927	3288231	0.808	0.959
6)	B beta-BHC	4.459	4.798	8360694	2201167	1.303	1.387
7)	B delta-BHC	4.663	5.010	9545140	1442640	0.651	0.483m#
8)	B Heptachlo...	5.201	5.808	12043958	2779639	0.873	0.930
9)	A Endosulfan I	5.539	6.161	12339113	2912252	0.951	1.000
10)	B gamma-Chl...	5.426	6.040	11832015	3016058	0.843m	0.978
11)	B alpha-Chl...	5.485	6.111	13650681	3011067	0.987	0.975
12)	B 4,4'-DDE	5.648	6.266	10524764	2786693	0.806	0.952
13)	MA Dieldrin	5.781	6.415	11552266	3018435	0.835m	0.999
14)	MA Endrin	6.038	6.631	12464793	1975920	0.987	0.780
15)	B Endosulfa...	6.310	6.839	10064276	3122601	0.901	1.164 #
16)	A 4,4'-DDD	6.162	6.752	9522444	1991812	0.956	0.864
17)	MA 4,4'-DDT	6.403	7.046	6063792	2299139	0.599	1.018 #
18)	B Endrin al...	6.479	6.961	8961909	2529535	0.862	1.121 #
19)	B Endosulfa...	6.691	7.181	11026004	2612513	1.020m	1.055
20)	A Methoxychlor	6.946	7.500	4902339	1037286	0.939	0.869m
21)	B Endrin ke...	7.181	7.647	11288859	2906278	0.897	1.101
22)	Mirex	7.370	8.096	5013578	1679117	0.714	0.920m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012120\
 Data File : PL055934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 13:14
 Operator : AJ\MA
 Sample : L1161-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

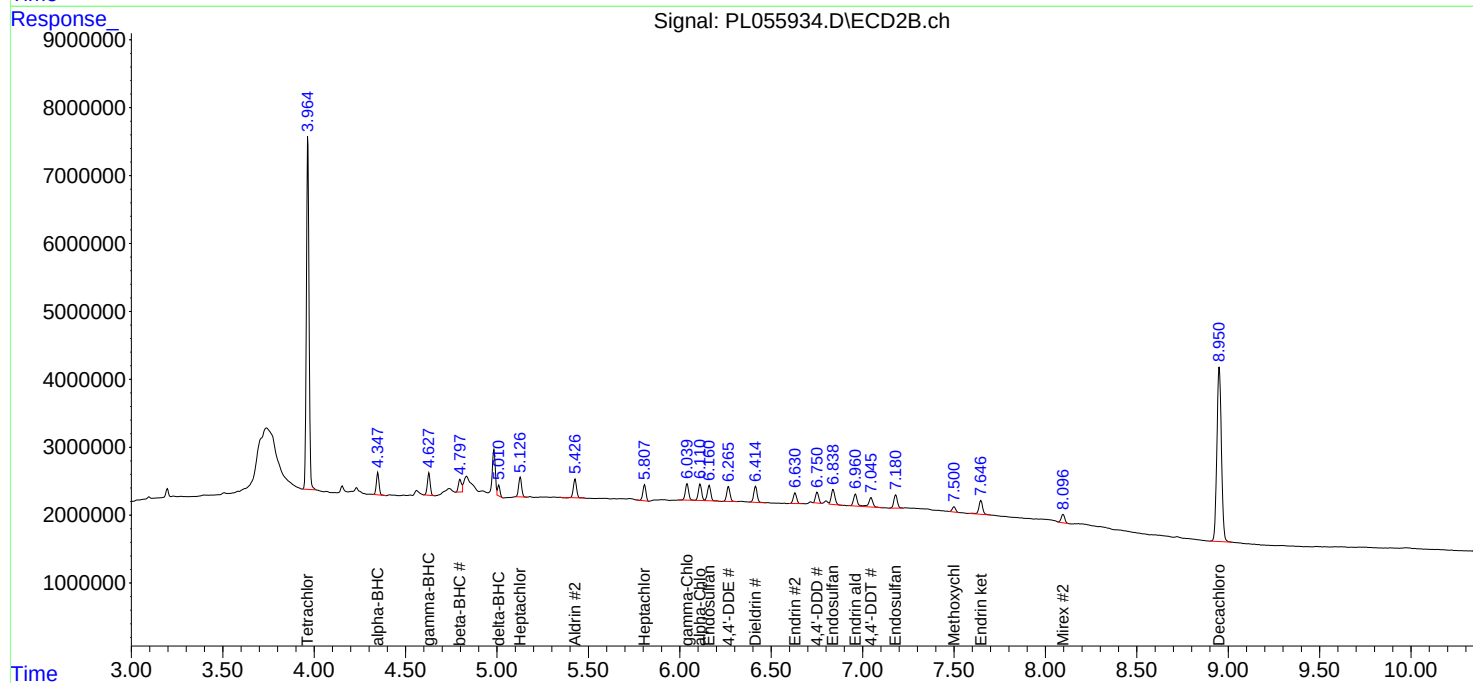
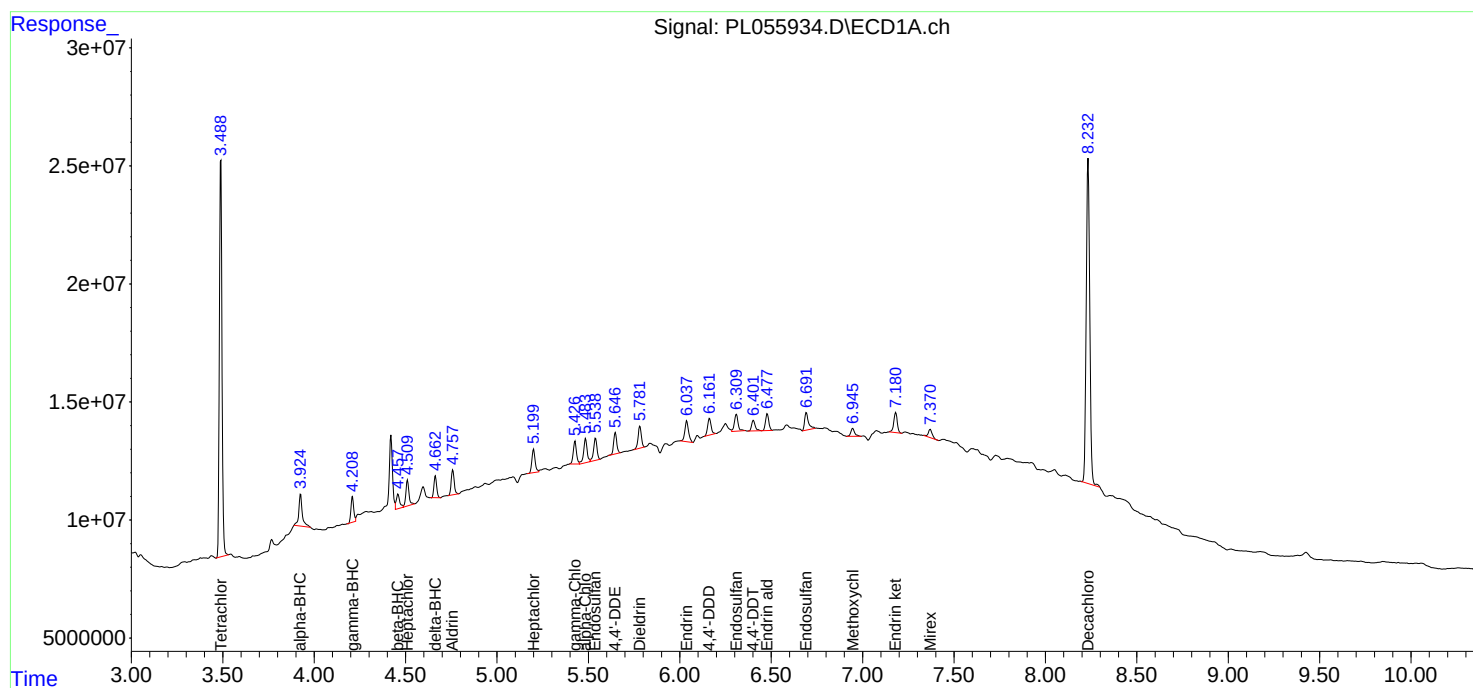
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

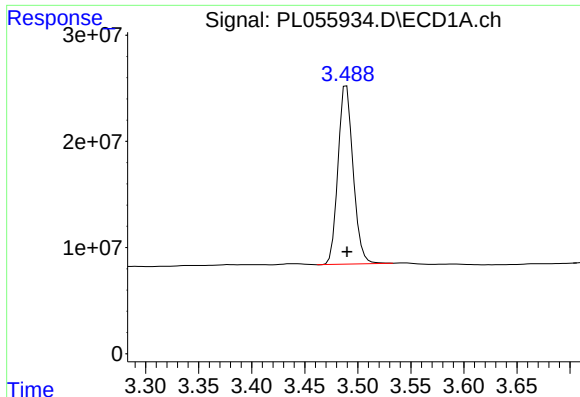
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:15:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 Response 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





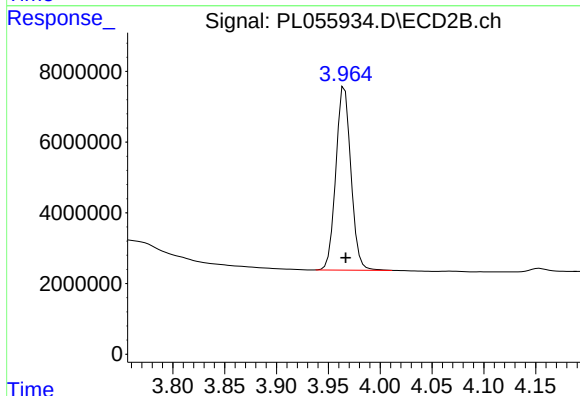
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.000 min
Response: 166194991
Conc: 17.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

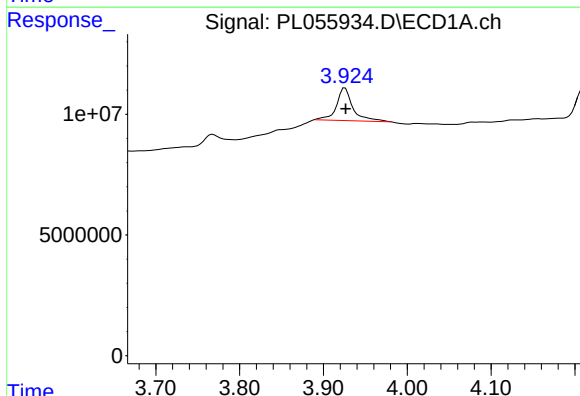
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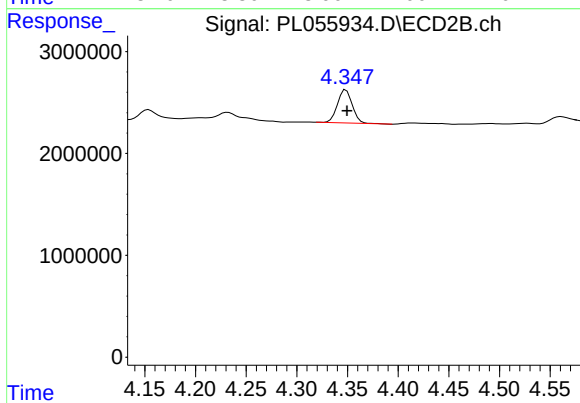
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: -0.001 min
Response: 52461565
Conc: 18.56 ng/ml



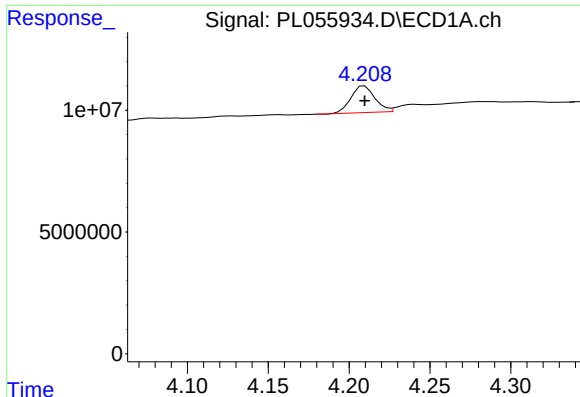
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 18249828
Conc: 1.10 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: -0.001 min
Response: 3326260
Conc: 0.78 ng/ml



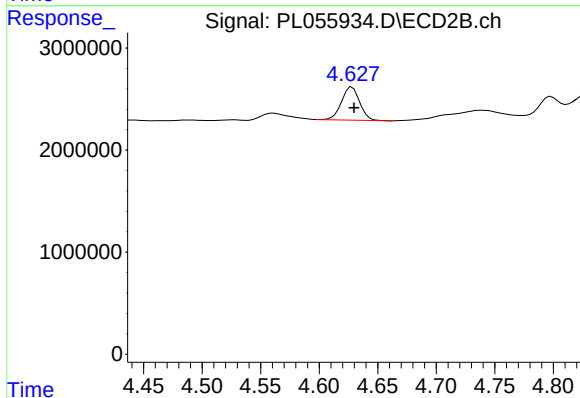
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 11262328
Conc: 0.74 ng/ml

Instrument :
ECD_L
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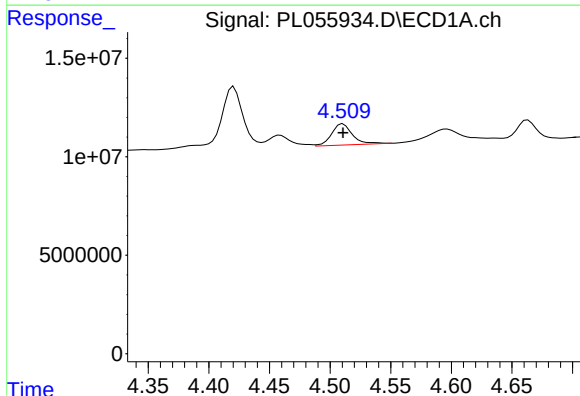
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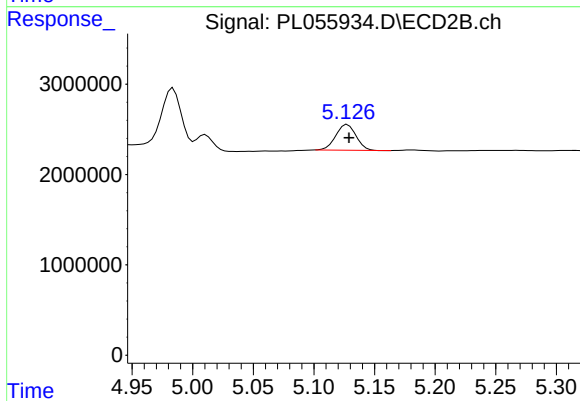
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 3511830
Conc: 0.89 ng/ml



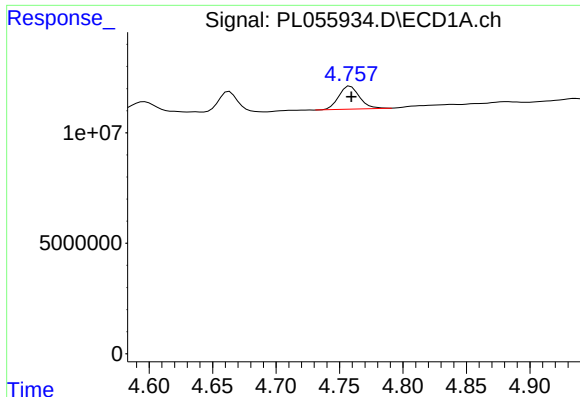
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 12842319
Conc: 0.86 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 3305641
Conc: 0.98 ng/ml



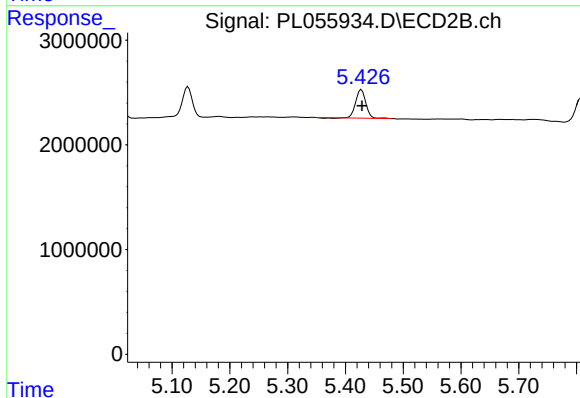
#5 Aldrin

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 11826927
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

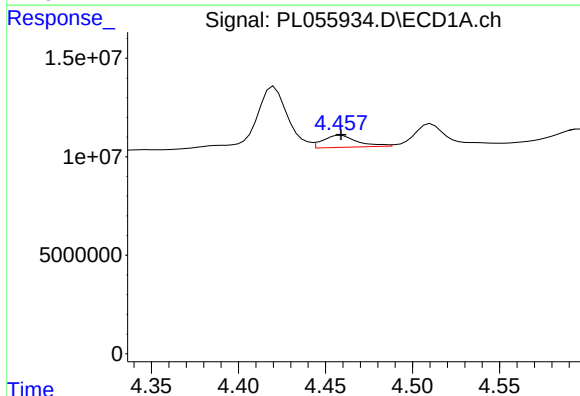
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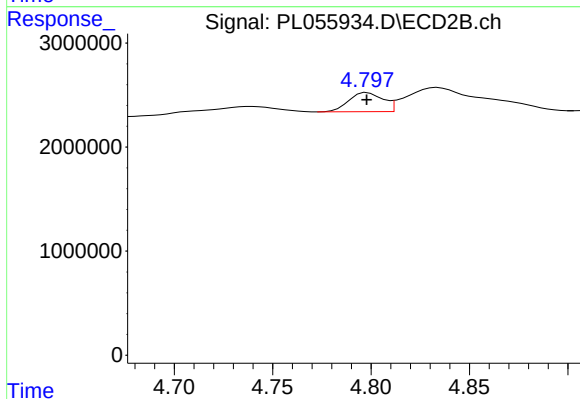
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 3288231
Conc: 0.96 ng/ml



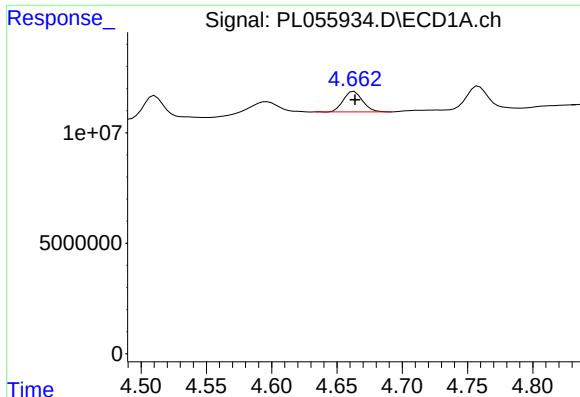
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 8360694
Conc: 1.30 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 2201167
Conc: 1.39 ng/ml



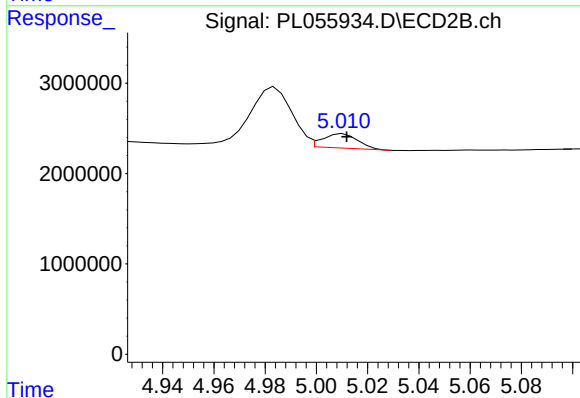
#7 delta-BHC

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 9545140
Conc: 0.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

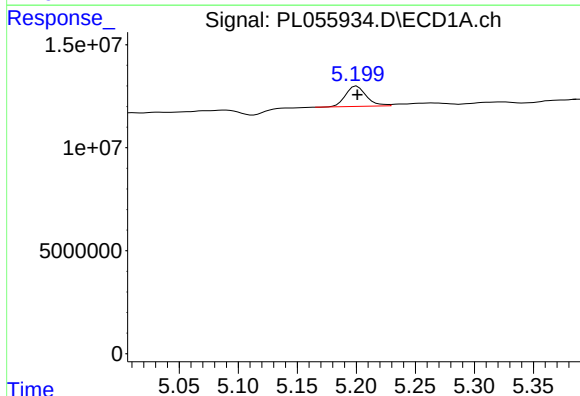
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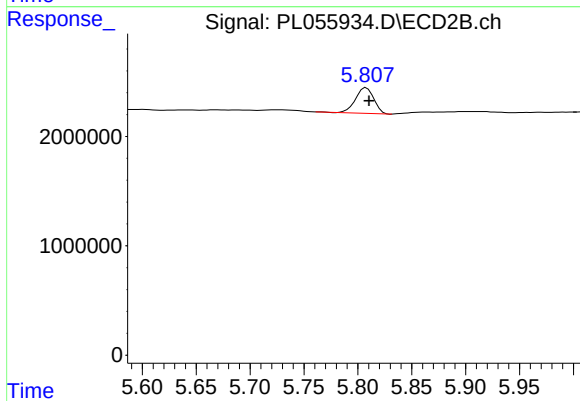
#7 delta-BHC

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 1442640
Conc: 0.48 ng/ml m



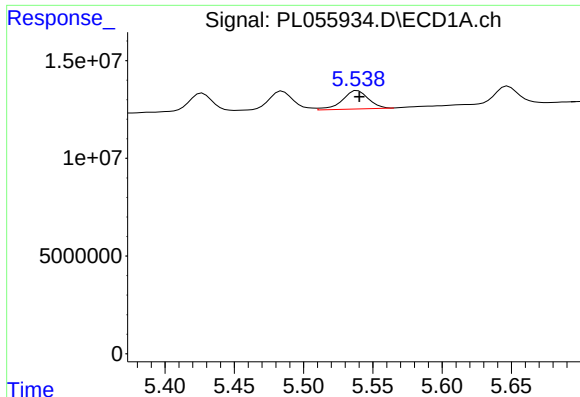
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 12043958
Conc: 0.87 ng/ml



#8 Heptachlor epoxide

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 2779639
Conc: 0.93 ng/ml



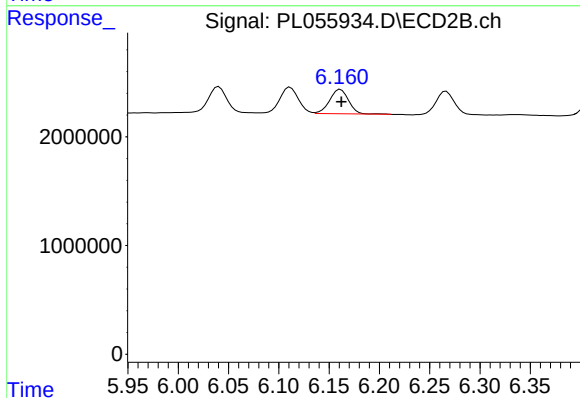
#9 Endosulfan I

R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 12339113
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

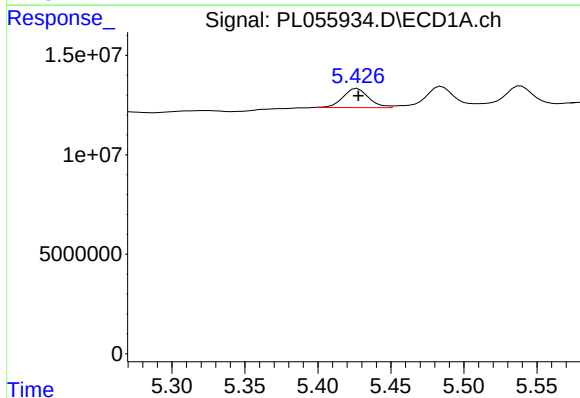
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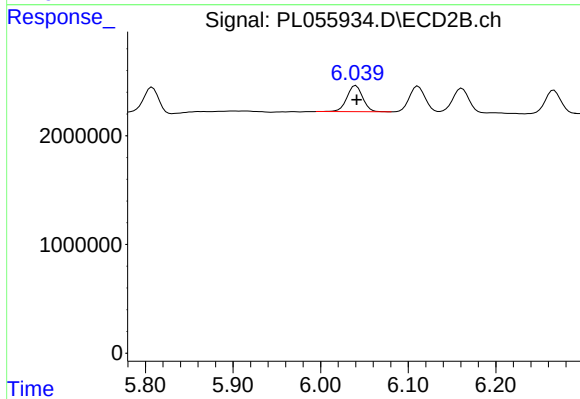
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 2912252
Conc: 1.00 ng/ml



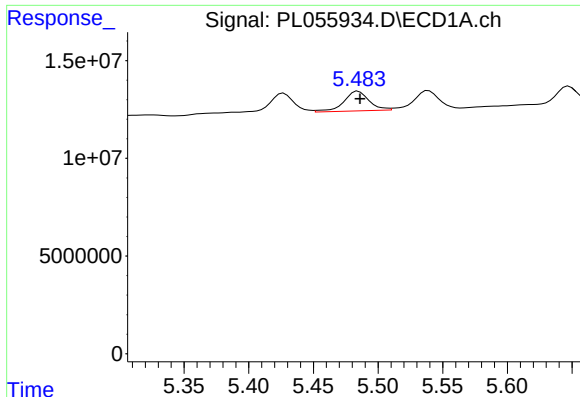
#10 gamma-Chlordane

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 11832015
Conc: 0.84 ng/ml m



#10 gamma-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 3016058
Conc: 0.98 ng/ml



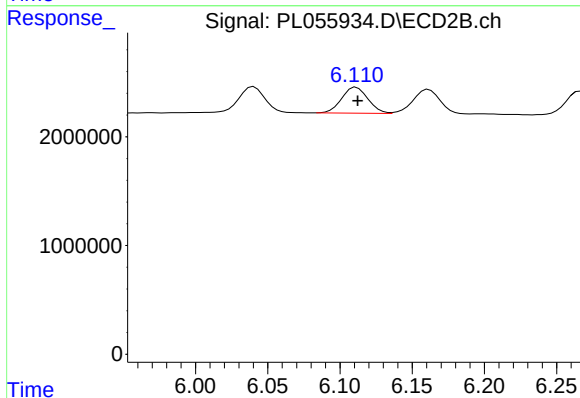
#11 alpha-Chlordane

R.T.: 5.485 min
Delta R.T.: -0.001 min
Response: 13650681
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

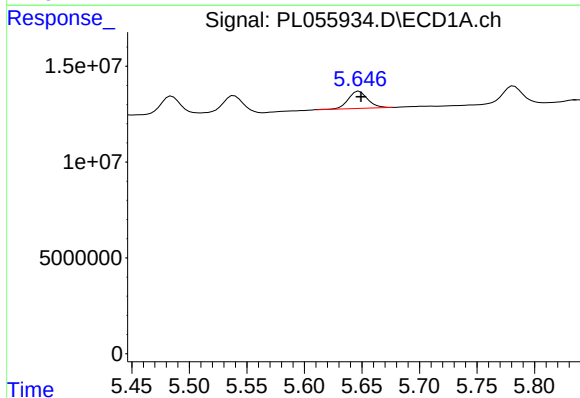
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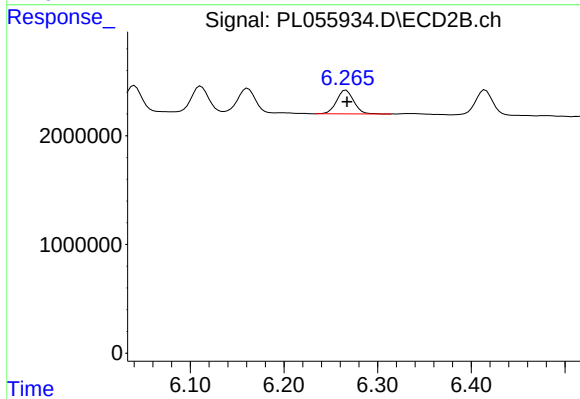
#11 alpha-Chlordane

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 3011067
Conc: 0.98 ng/ml



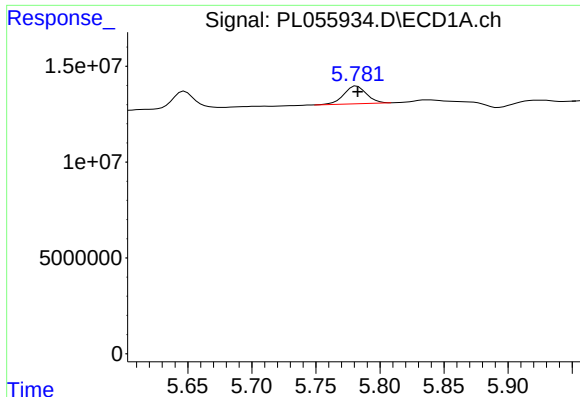
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 10524764
Conc: 0.81 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 2786693
Conc: 0.95 ng/ml



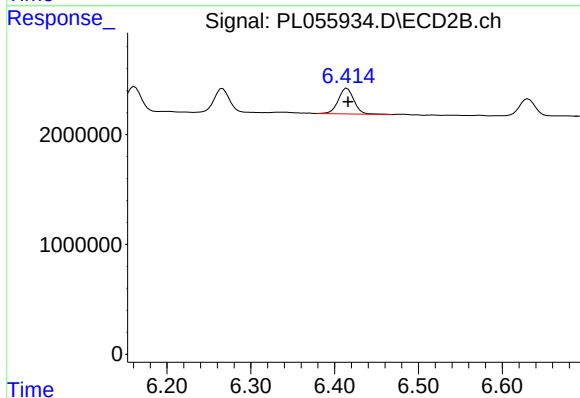
#13 Dieldrin

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 11552266
Conc: 0.84 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

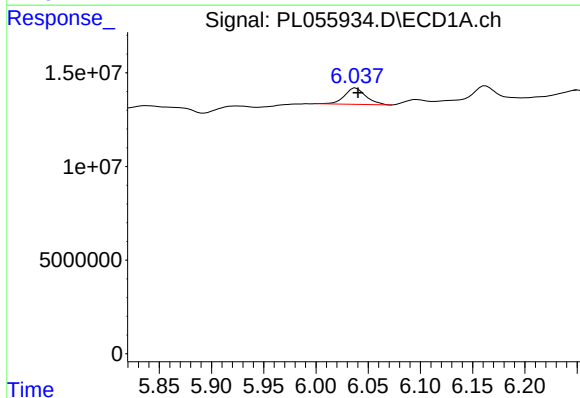
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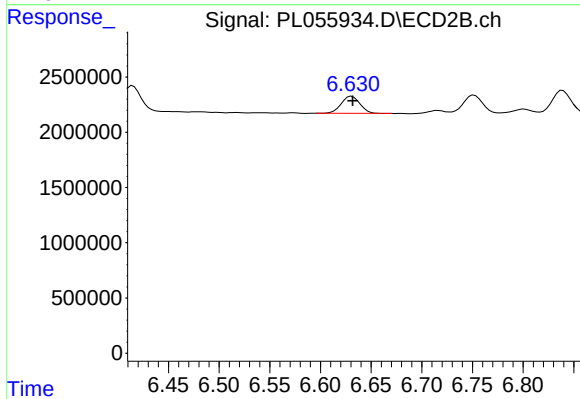
#13 Dieldrin

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 3018435
Conc: 1.00 ng/ml



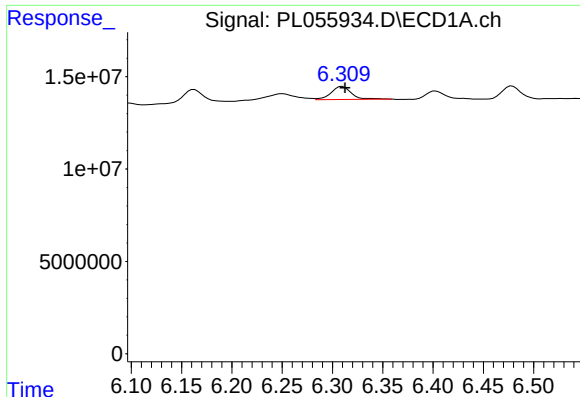
#14 Endrin

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 12464793
Conc: 0.99 ng/ml



#14 Endrin

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 1975920
Conc: 0.78 ng/ml



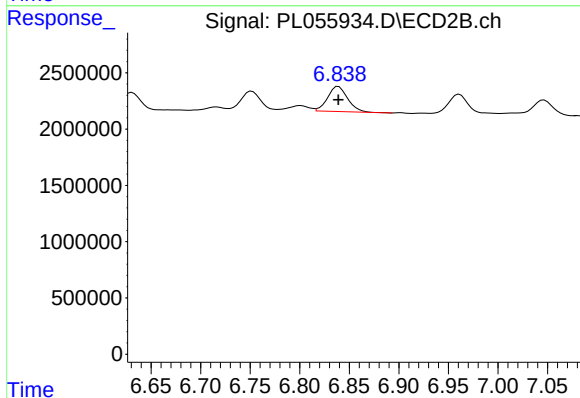
#15 Endosulfan II

R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 10064276
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

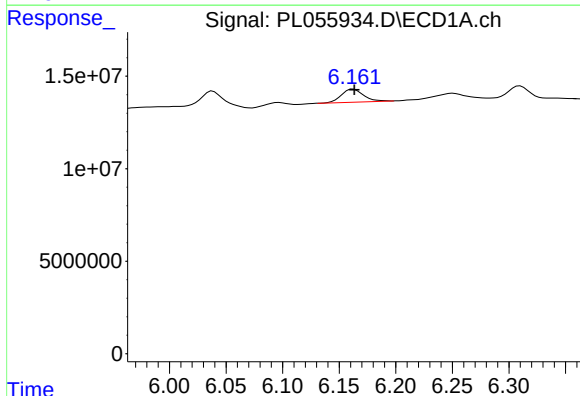
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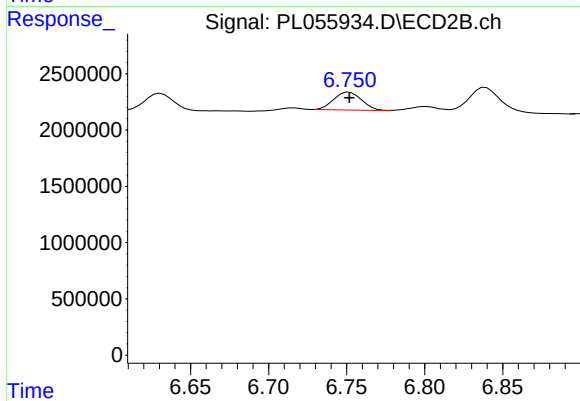
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 3122601
Conc: 1.16 ng/ml



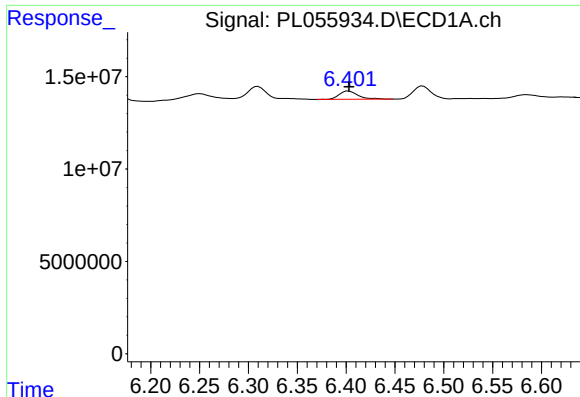
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 9522444
Conc: 0.96 ng/ml



#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 1991812
Conc: 0.86 ng/ml



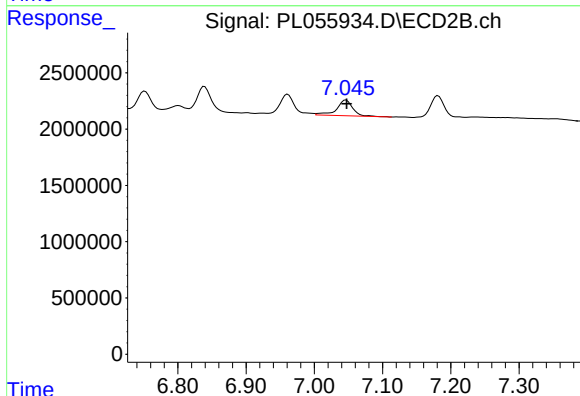
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 6063792
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

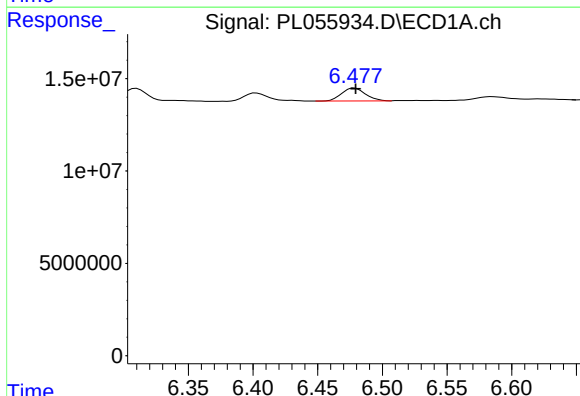
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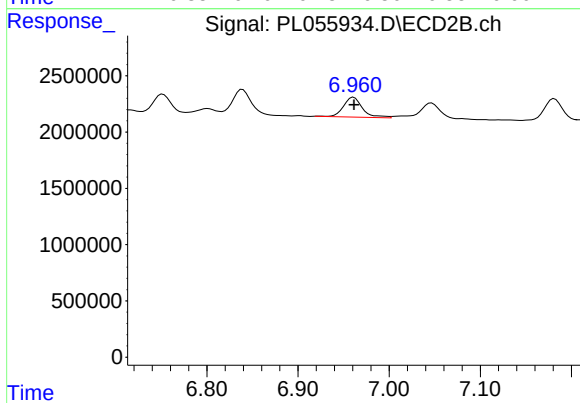
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 2299139
Conc: 1.02 ng/ml



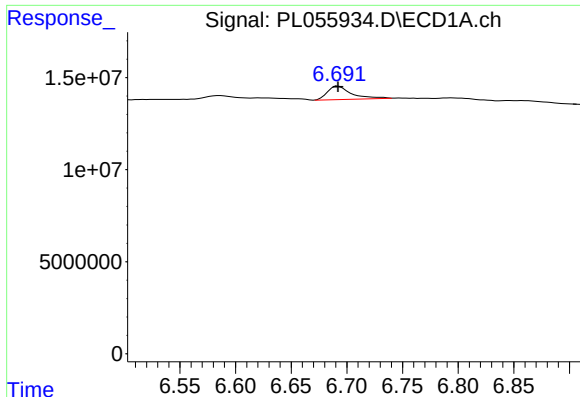
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 8961909
Conc: 0.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 2529535
Conc: 1.12 ng/ml



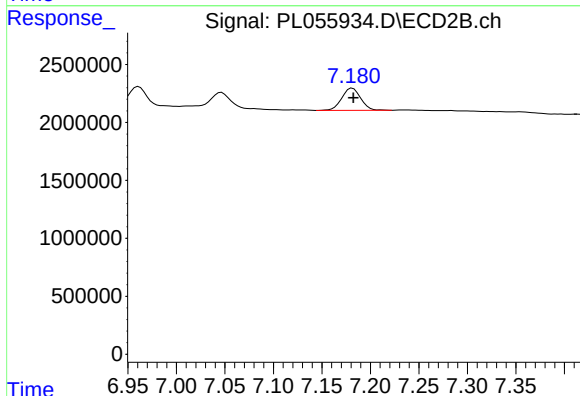
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: -0.001 min
Response: 11026004
Conc: 1.02 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

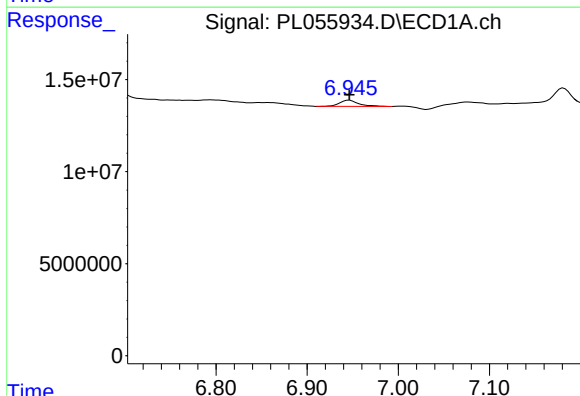
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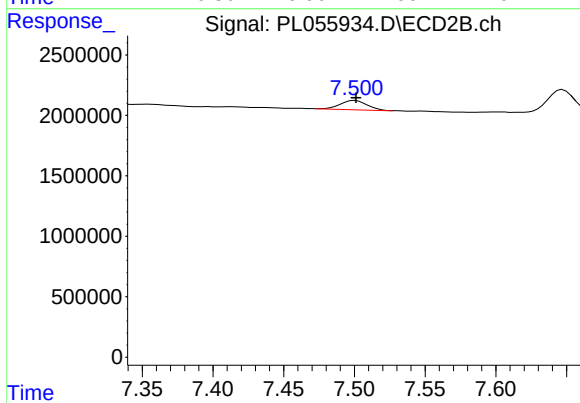
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: -0.001 min
Response: 2612513
Conc: 1.06 ng/ml



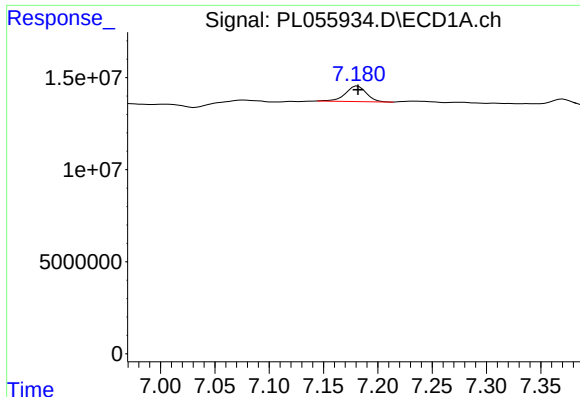
#20 Methoxychlor

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 4902339
Conc: 0.94 ng/ml



#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 1037286
Conc: 0.87 ng/ml m



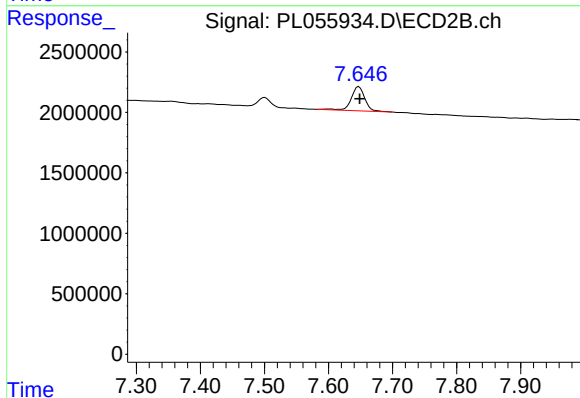
#21 Endrin ketone

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 11288859
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

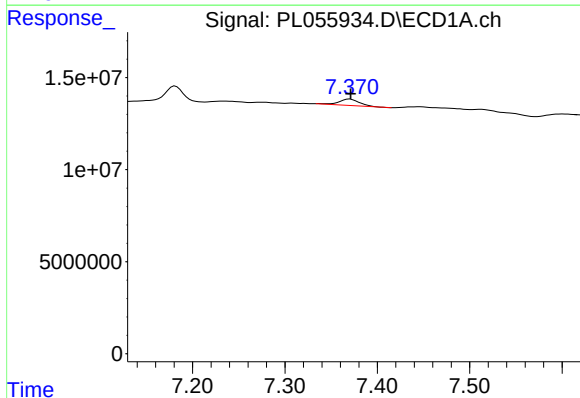
Manual Integrations
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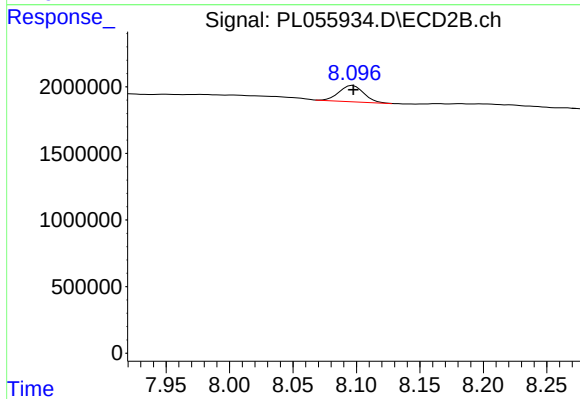
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.001 min
Response: 2906278
Conc: 1.10 ng/ml



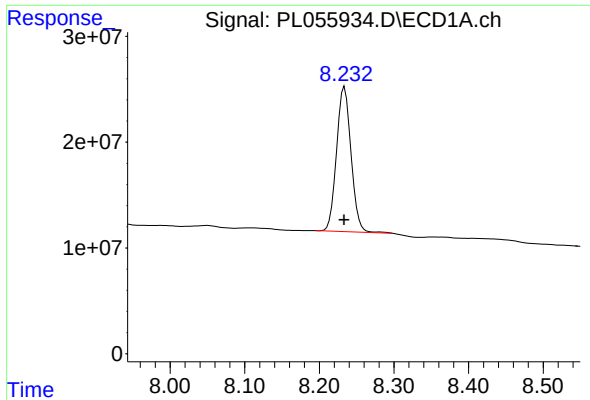
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.001 min
Response: 5013578
Conc: 0.71 ng/ml



#22 Mirex

R.T.: 8.096 min
Delta R.T.: -0.001 min
Response: 1679117
Conc: 0.92 ng/ml m



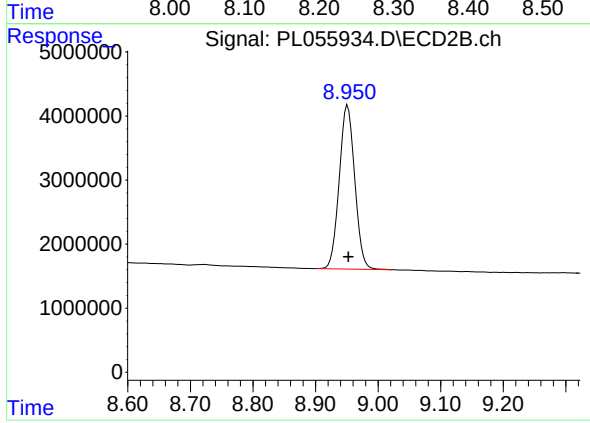
#28 Decachlorobiphenyl

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 184787258
Conc: 17.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
APPROVED

Ankita
1/22/2020 10:59:38 AM



#28 Decachlorobiphenyl

R.T.: 8.951 min
Delta R.T.: -0.001 min
Response: 44153337
Conc: 19.27 ng/ml