

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
 Data File : PL053508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 11:38
 Operator : SG\AJ
 Sample : K5111-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 00:58:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 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...	3.543	4.045	191.9E6	46356214	17.700	18.525
2)	SA Decachlor...	8.330	9.123	180.7E6	54644547	18.415	19.405
Target Compounds							
2)	A alpha-BHC	3.986	4.435	68432366	13619895	3.925	3.940
3)	MA gamma-BHC...	4.273	4.720	57376186	13901718	3.684	4.317m
4)	MA Heptachlor	4.580	5.231	61022452	14188070	3.866	4.403
5)	MB Aldrin	4.832	5.535	53711380	12762570	3.757	4.281m
6)	B beta-BHC	4.523	4.891	26505229	7419984	4.022	4.804
7)	B delta-BHC	4.731	5.108	46649457	11642492	3.065	3.854 #
8)	B Heptachlo...	5.278	5.923	53701936	13917820	3.978	4.772
9)	A Endosulfan I	5.620	6.280	49663844	11832053	4.040	4.364
10)	B gamma-Chl...	5.505	6.157	53092574	12160017	3.891m	4.168
11)	B alpha-Chl...	5.565	6.229	53857533	12718703	4.048	4.357
12)	B 4,4'-DDE	5.728	6.385	46359509	12352635	3.902	4.386
13)	MA Dieldrin	5.864	6.537	48087818	11993009	3.690	4.203
14)	MA Endrin	6.123	6.755	43871434	9715490	3.785	4.003
15)	B Endosulfa...	6.396	6.963	44299917	13494205	3.962	5.283 #
16)	A 4,4'-DDD	6.245	6.875	33822076	10220032	3.800	4.904 #
17)	MA 4,4'-DDT	6.488	7.174	34819281	9818774	3.515	4.246
18)	B Endrin al...	6.564	7.086	38541954	9773563	4.203	4.449m
19)	B Endosulfa...	6.778	7.310	43504754	11156348	4.277	4.547
20)	A Methoxychlor	7.034	7.631	20851669	5848407	4.229	4.503
21)	B Endrin ke...	7.271	7.781	44865582	11932764	4.168	4.628
22)	Mirex	7.466	8.236	39494448	9602115	4.618	4.746

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
Data File : PL053508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 11:38
Operator : SG\AJ
Sample : K5111-02
Misc : PEST LOQ 5 PPB
ALS Vial : 8 Sample Multiplier: 1

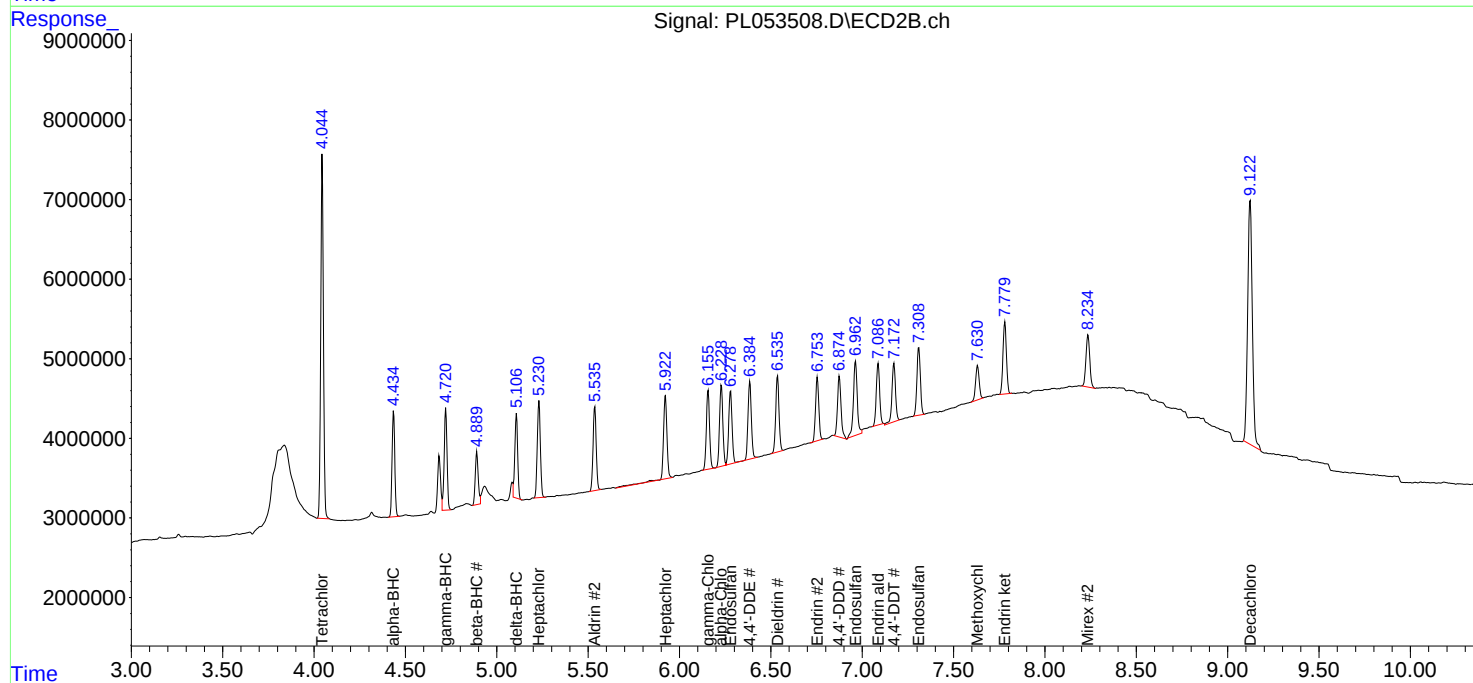
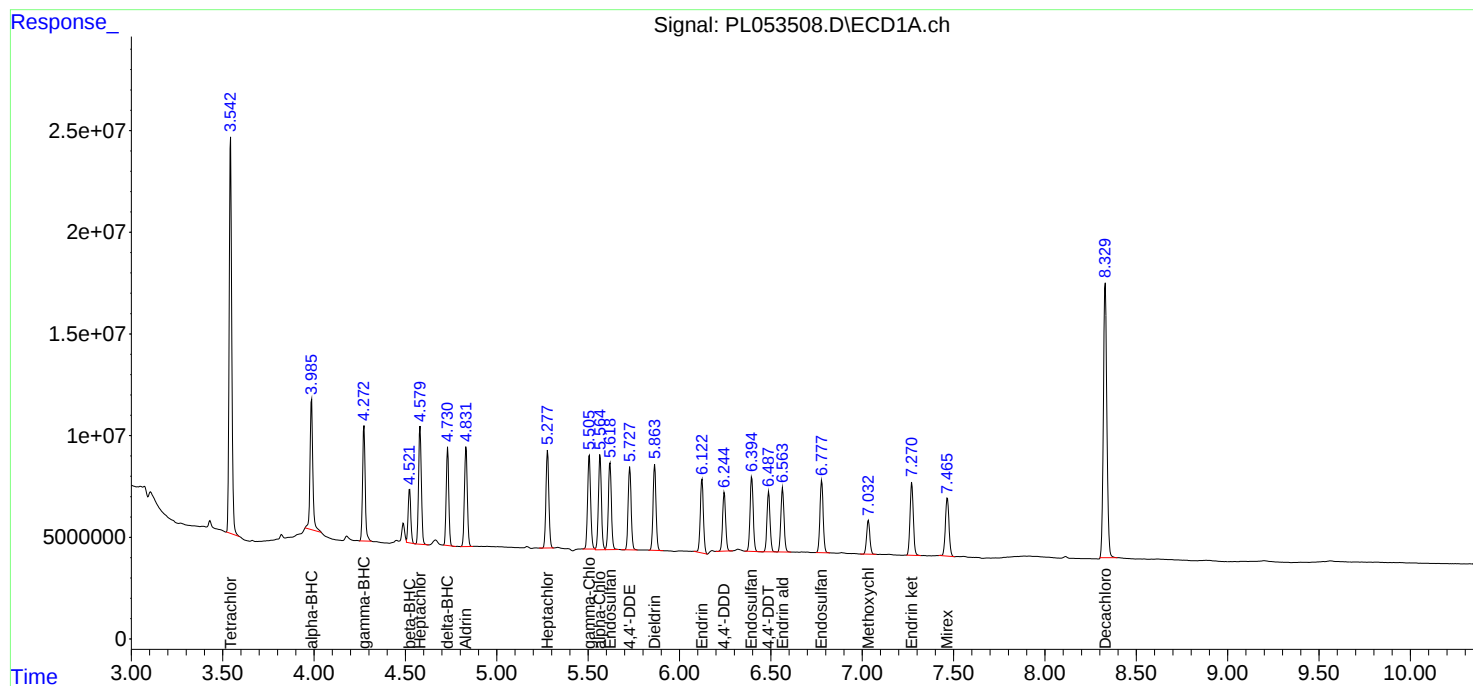
Instrument :
ECD_L
ClientSampleId :
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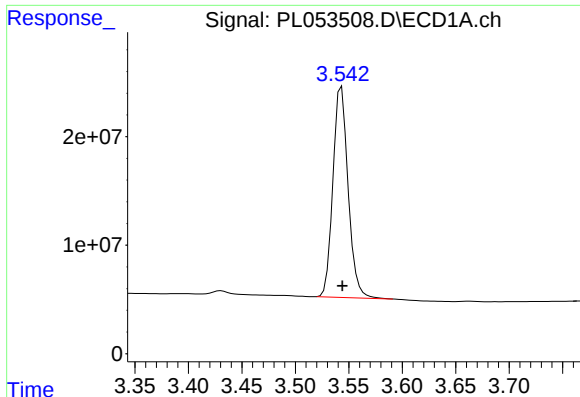
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 00:58:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response via : Initial Calibration
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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





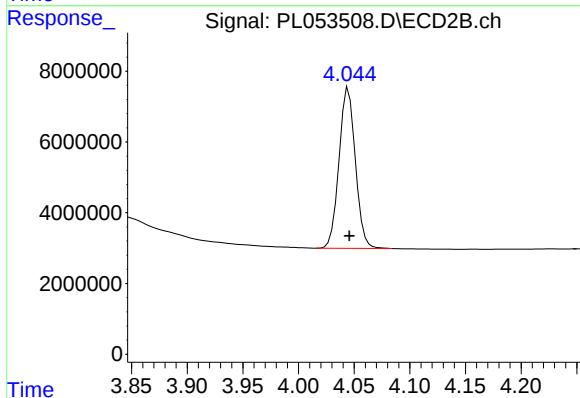
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 191856254
Conc: 17.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

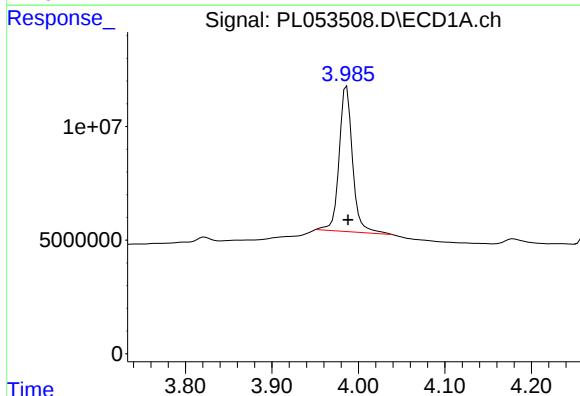
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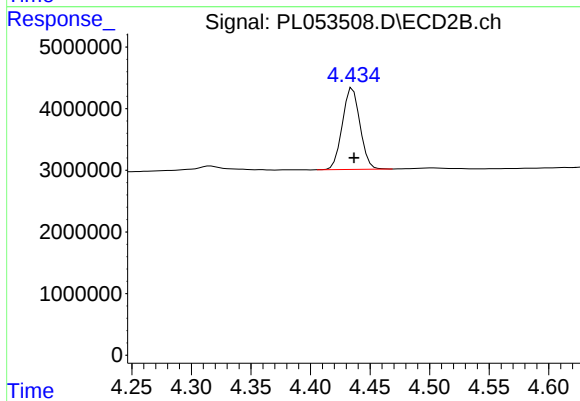
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 46356214
Conc: 18.52 ng/ml



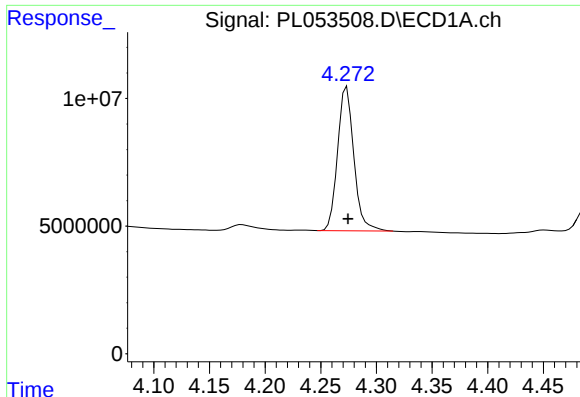
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.001 min
Response: 68432366
Conc: 3.92 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 13619895
Conc: 3.94 ng/ml



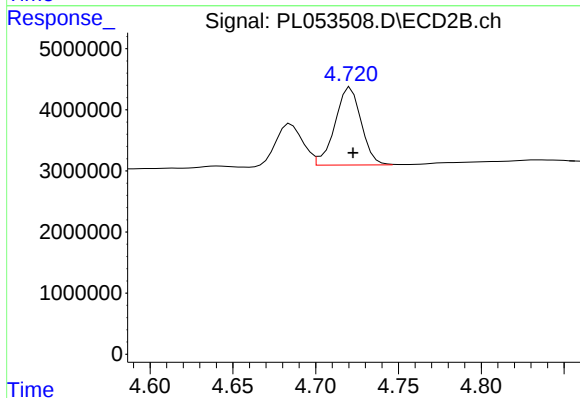
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: -0.001 min
Response: 57376186
Conc: 3.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

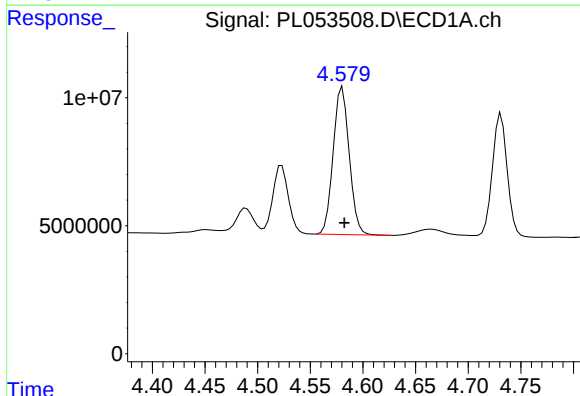
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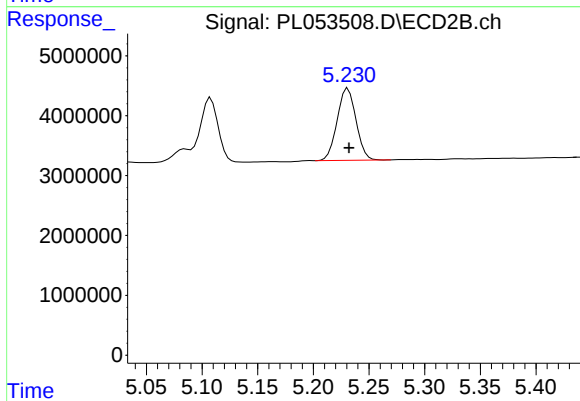
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 13901718
Conc: 4.32 ng/ml m



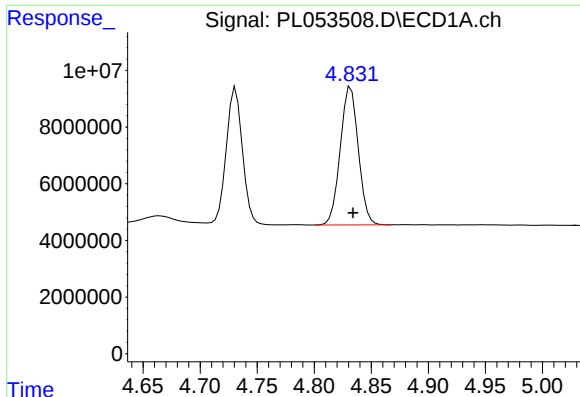
#4 Heptachlor

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 61022452
Conc: 3.87 ng/ml



#4 Heptachlor

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 14188070
Conc: 4.40 ng/ml



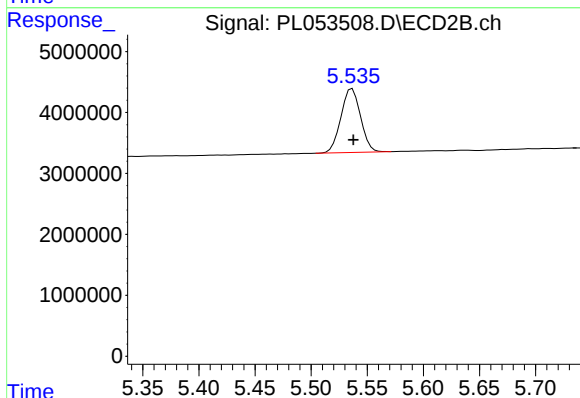
#5 Aldrin

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 53711380
Conc: 3.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

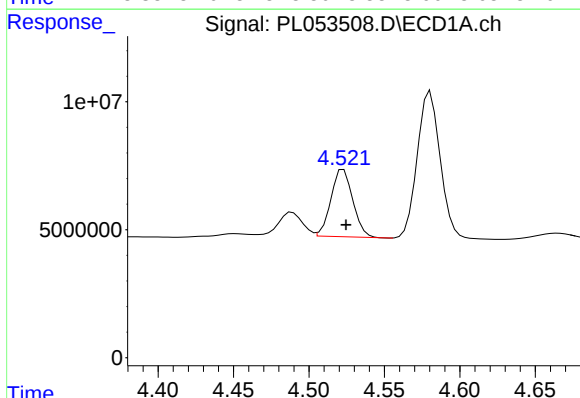
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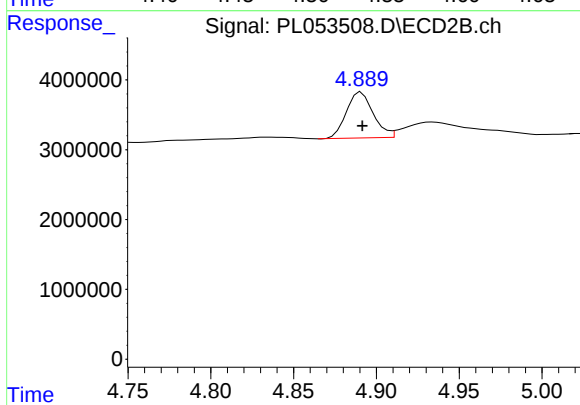
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 12762570
Conc: 4.28 ng/ml m



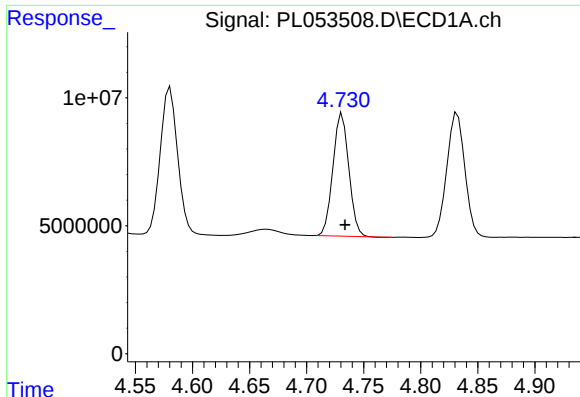
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 26505229
Conc: 4.02 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 7419984
Conc: 4.80 ng/ml



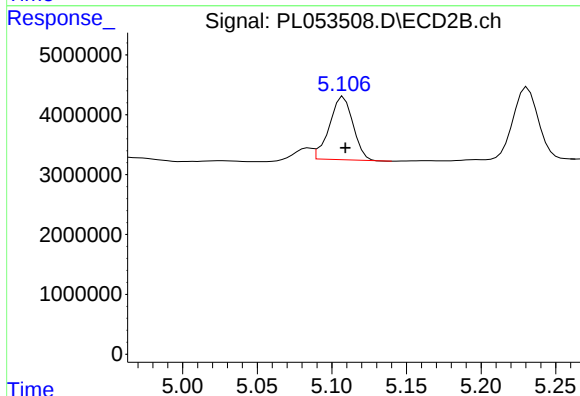
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 46649457
Conc: 3.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

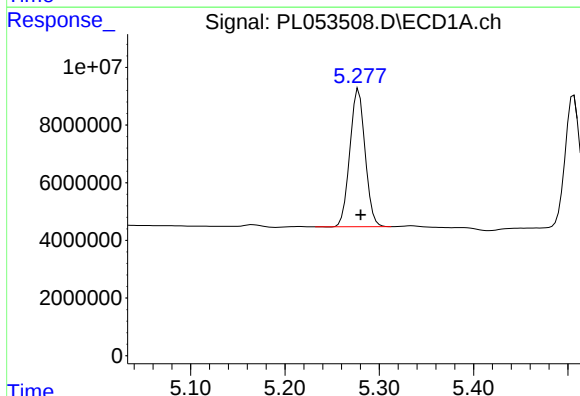
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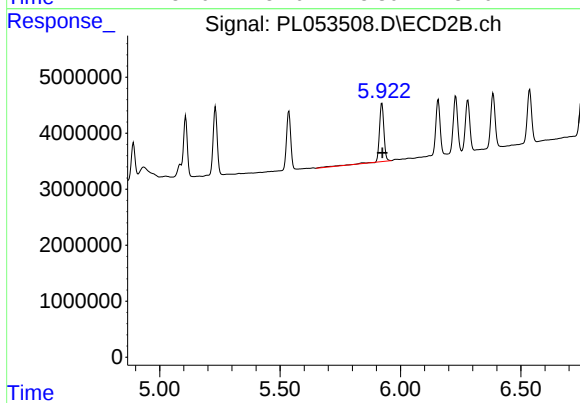
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 11642492
Conc: 3.85 ng/ml



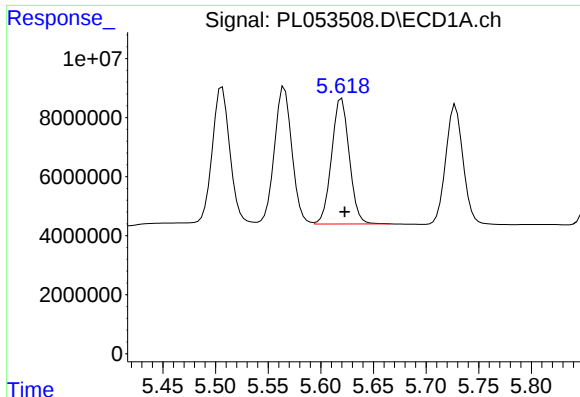
#8 Heptachlor epoxide

R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 53701936
Conc: 3.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 13917820
Conc: 4.77 ng/ml



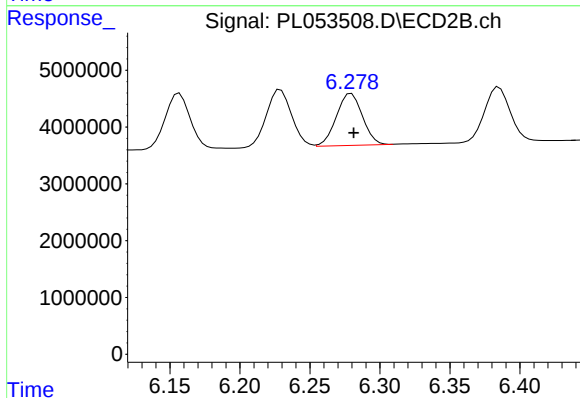
#9 Endosulfan I

R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 49663844
Conc: 4.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

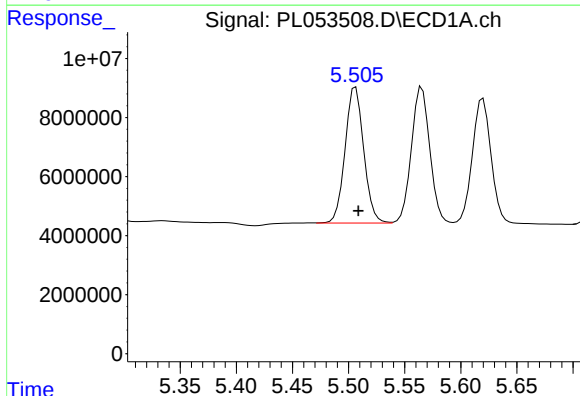
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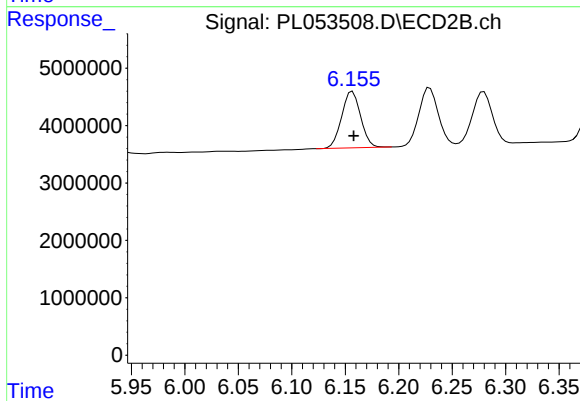
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 11832053
Conc: 4.36 ng/ml



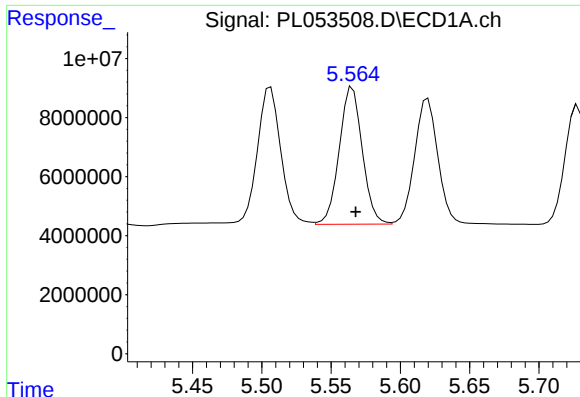
#10 gamma-Chlordane

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 53092574
Conc: 3.89 ng/ml m



#10 gamma-Chlordane

R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 12160017
Conc: 4.17 ng/ml



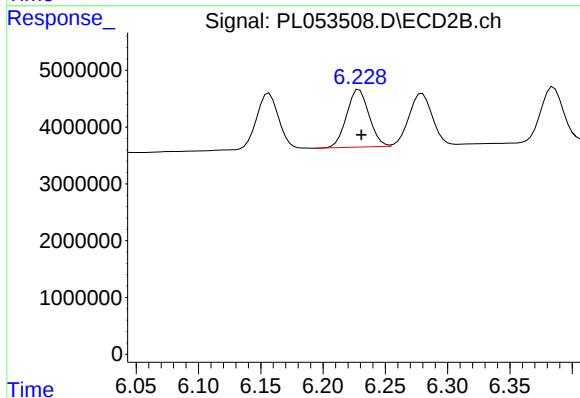
#11 alpha-Chlordane

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 53857533
Conc: 4.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

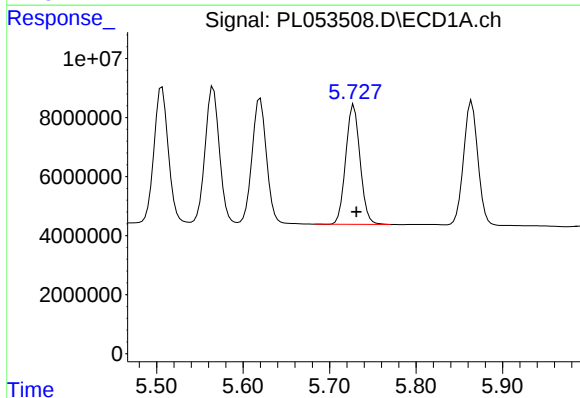
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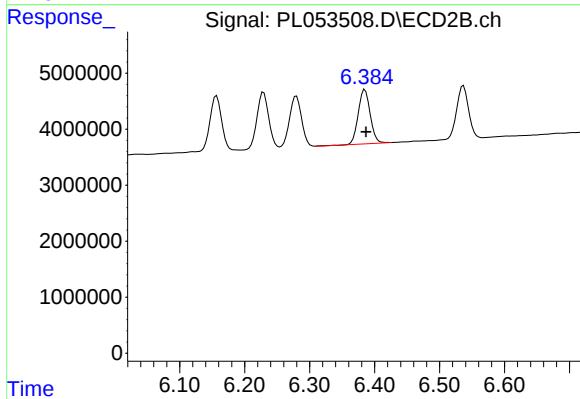
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 12718703
Conc: 4.36 ng/ml



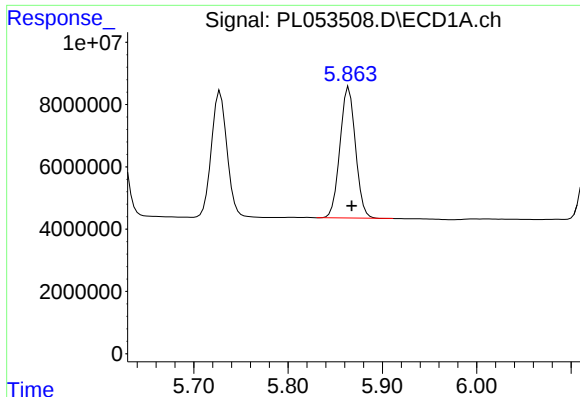
#12 4,4'-DDE

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 46359509
Conc: 3.90 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 12352635
Conc: 4.39 ng/ml



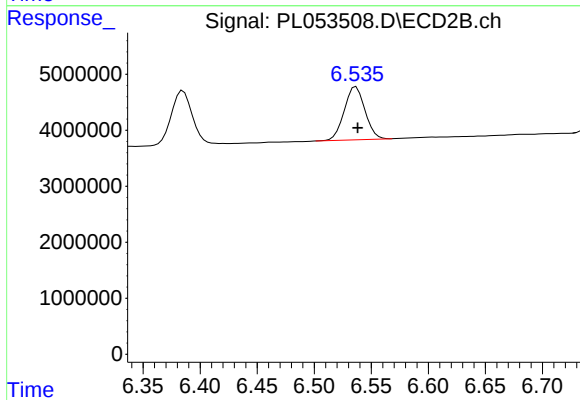
#13 Dieldrin

R.T.: 5.864 min
Delta R.T.: -0.003 min
Response: 48087818
Conc: 3.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

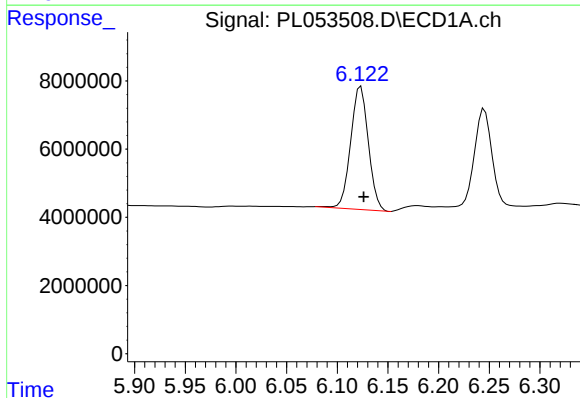
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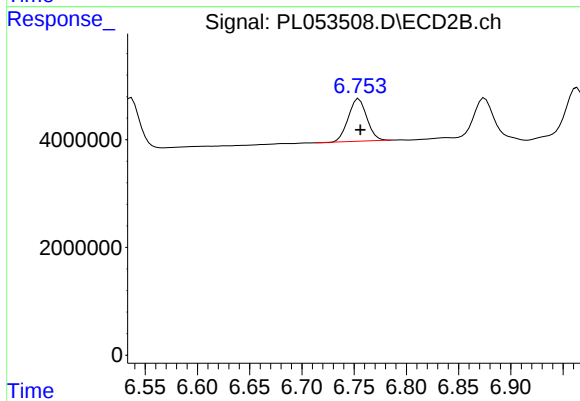
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 11993009
Conc: 4.20 ng/ml



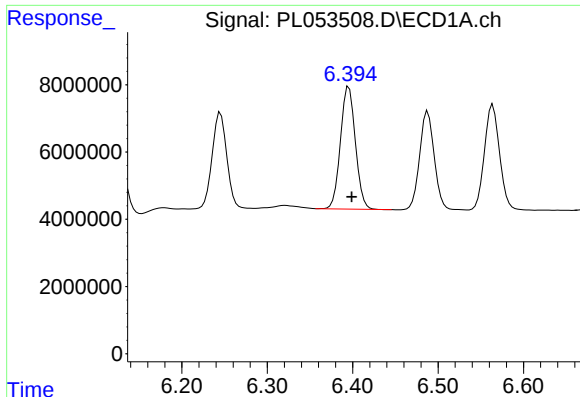
#14 Endrin

R.T.: 6.123 min
Delta R.T.: -0.003 min
Response: 43871434
Conc: 3.78 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 9715490
Conc: 4.00 ng/ml



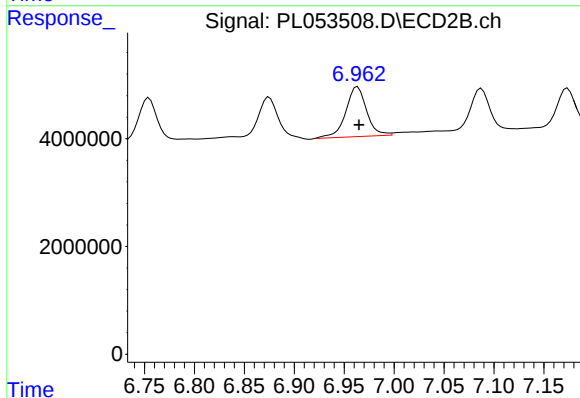
#15 Endosulfan II

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 44299917
Conc: 3.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

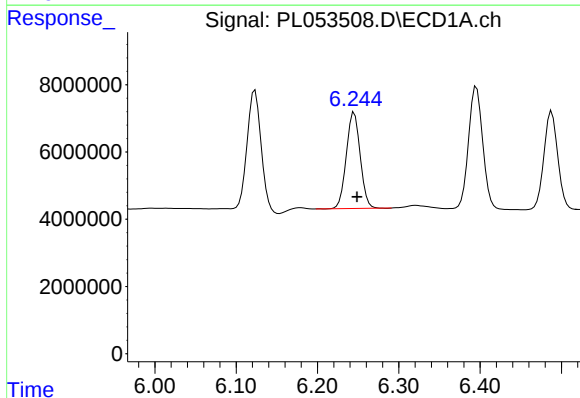
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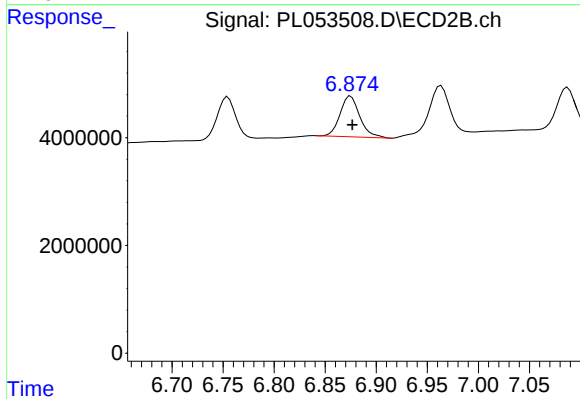
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 13494205
Conc: 5.28 ng/ml



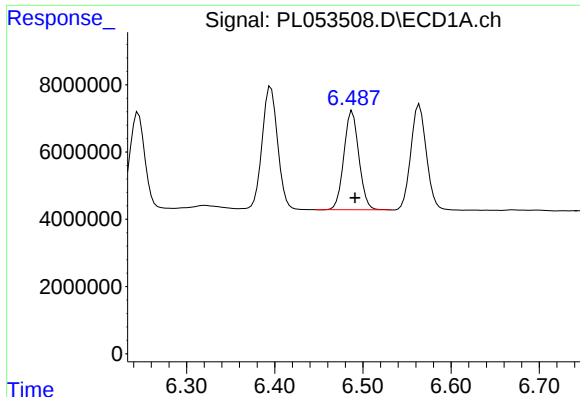
#16 4,4'-DDD

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 33822076
Conc: 3.80 ng/ml



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 10220032
Conc: 4.90 ng/ml



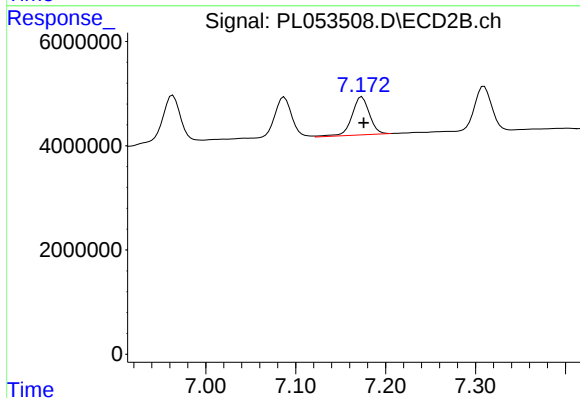
#17 4,4'-DDT

R.T.: 6.488 min
Delta R.T.: -0.003 min
Response: 34819281
Conc: 3.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

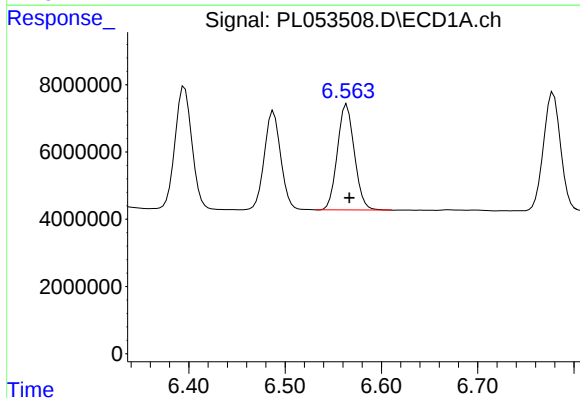
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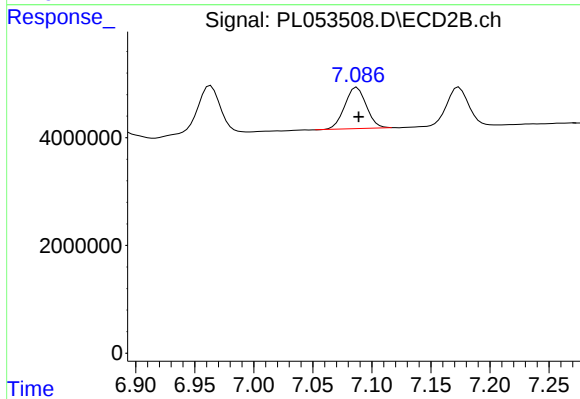
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 9818774
Conc: 4.25 ng/ml



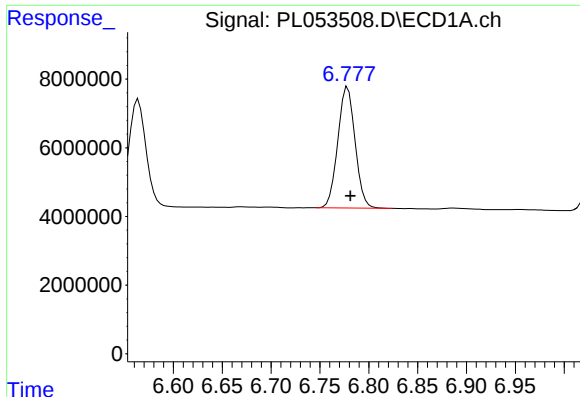
#18 Endrin aldehyde

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 38541954
Conc: 4.20 ng/ml



#18 Endrin aldehyde

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 9773563
Conc: 4.45 ng/ml m



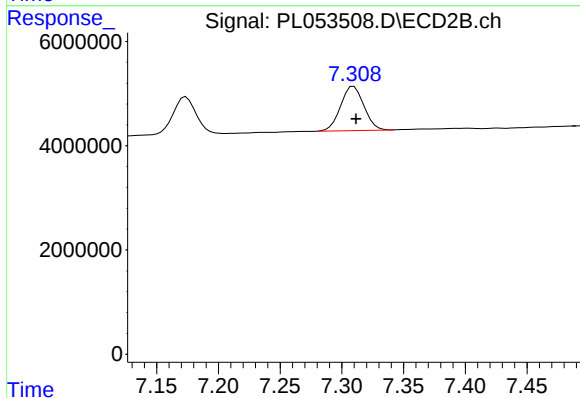
#19 Endosulfan Sulfate

R.T.: 6.778 min
Delta R.T.: -0.003 min
Response: 43504754
Conc: 4.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

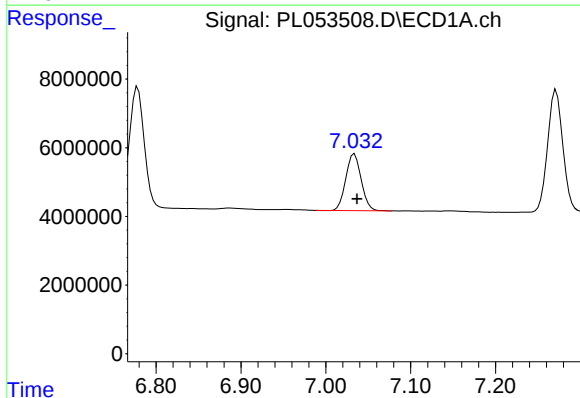
Manual Integrations
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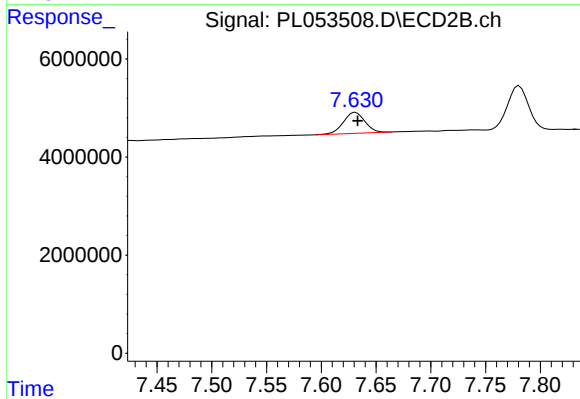
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 11156348
Conc: 4.55 ng/ml



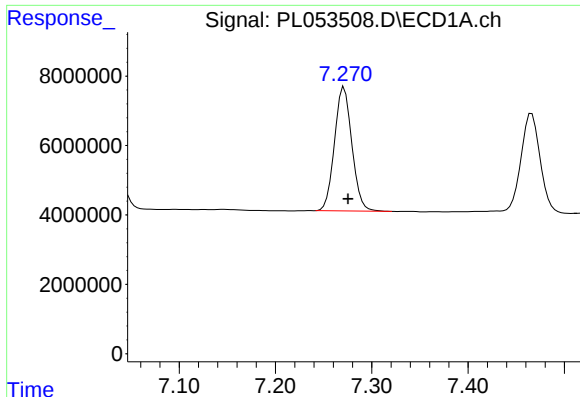
#20 Methoxychlor

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 20851669
Conc: 4.23 ng/ml



#20 Methoxychlor

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 5848407
Conc: 4.50 ng/ml



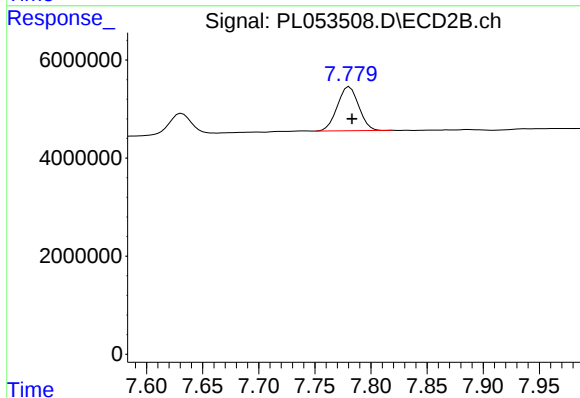
#21 Endrin ketone

R.T.: 7.271 min
Delta R.T.: -0.004 min
Response: 44865582
Conc: 4.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

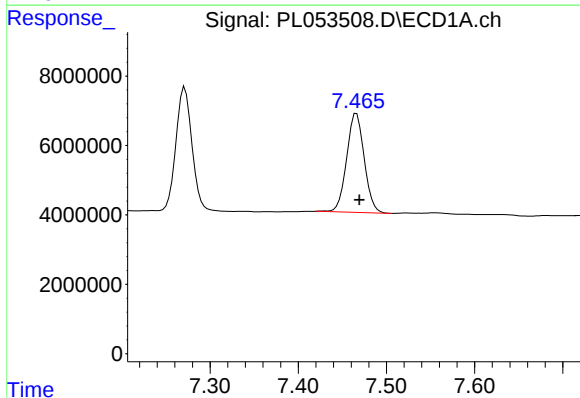
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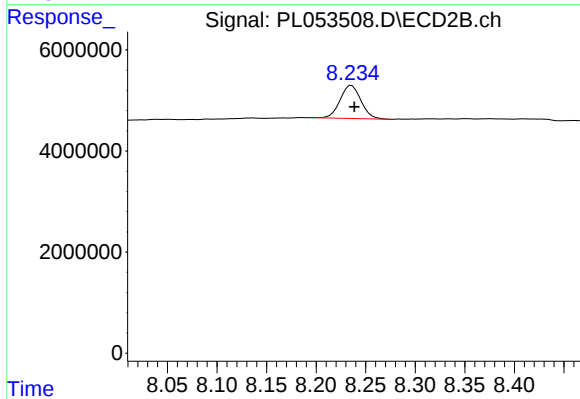
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 11932764
Conc: 4.63 ng/ml



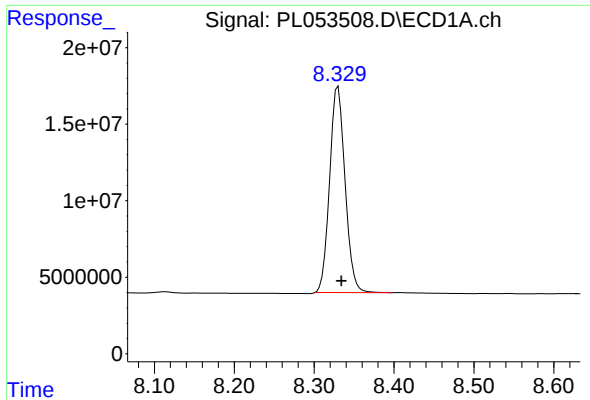
#22 Mirex

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 39494448
Conc: 4.62 ng/ml



#22 Mirex

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 9602115
Conc: 4.75 ng/ml



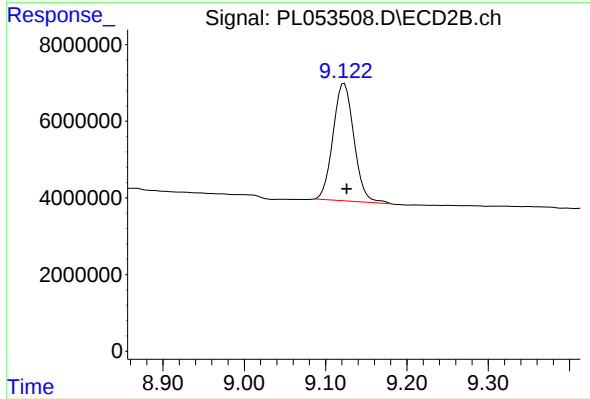
#28 Decachlorobiphenyl

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 180676979
Conc: 18.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 54644547
Conc: 19.40 ng/ml