

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
 Data File : PL053506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 11:10
 Operator : SG\AJ
 Sample : K5111-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:55:53 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...	3.544	4.045	198.8E6	47869801	18.340	19.130
28)	SA Decachlor...	8.331	9.124	188.5E6	55172545	19.212	19.592
Target Compounds							
2)	A alpha-BHC	3.987	4.436	21212060	2659190	1.217	0.769 #
3)	MA gamma-BHC...	4.274	4.719	10692386	3039011	0.687	0.944m#
4)	MA Heptachlor	4.581	5.231	12220473	3134260	0.774	0.973 #
5)	MB Aldrin	4.833	5.535	10117563	2622777	0.708	0.880m
6)	B beta-BHC	4.524	4.892	6233458	1807666	0.946	1.170
7)	B delta-BHC	4.732	5.107	8777114	2391614	0.577	0.792 #
8)	B Heptachlo...	5.279	5.922	10410059	3156650	0.771	1.082m#
9)	A Endosulfan I	5.621	6.280	9560735	2246615	0.778	0.829
10)	B gamma-Chl...	5.506	6.157	10267462	1957311	0.753m	0.671
11)	B alpha-Chl...	5.566	6.229	10477132	2516017	0.788	0.862
12)	B 4,4'-DDE	5.729	6.385	8858445	2163005	0.746	0.768
13)	MA Dieldrin	5.865	6.536	9022501	2413210	0.692	0.846
14)	MA Endrin	6.123	6.755	7812810	1774849	0.674m	0.731
15)	B Endosulfa...	6.397	6.964	9164853	2620922	0.820	1.026 #
16)	A 4,4'-DDD	6.245	6.875	6539961	2236206	0.735m	1.073 #
17)	MA 4,4'-DDT	6.489	7.174	6274836	2259640	0.633	0.977 #
18)	B Endrin al...	6.565	7.087	8242364	2547507	0.899	1.160 #
19)	B Endosulfa...	6.779	7.309	8844613	2190696	0.870	0.893
20)	A Methoxychlor	7.034	7.630	3932290	1174007	0.798	0.904m
21)	B Endrin ke...	7.273	7.781	9163236	2340533	0.851	0.908
22)	Mirex	7.467	8.237	10611556	1813155	1.241	0.896 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
 Data File : PL053506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 11:10
 Operator : SG\AJ
 Sample : K5111-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

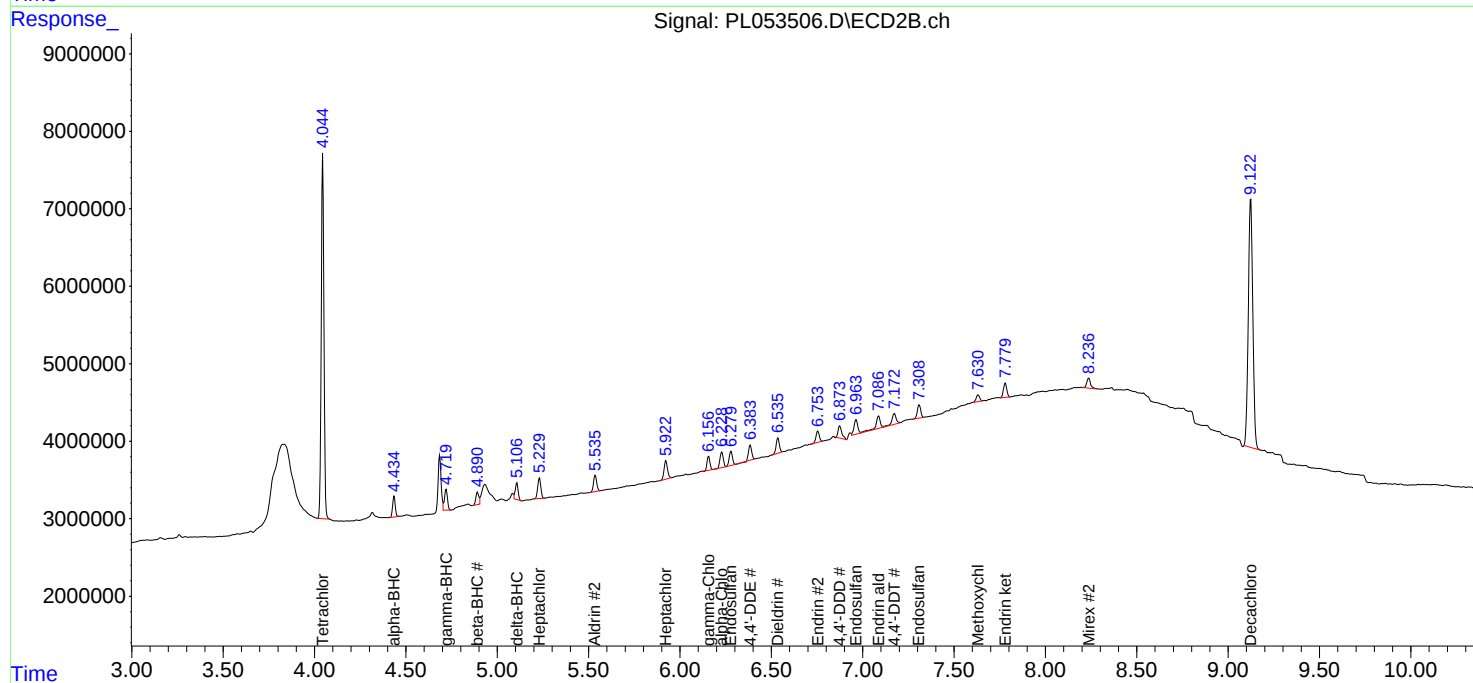
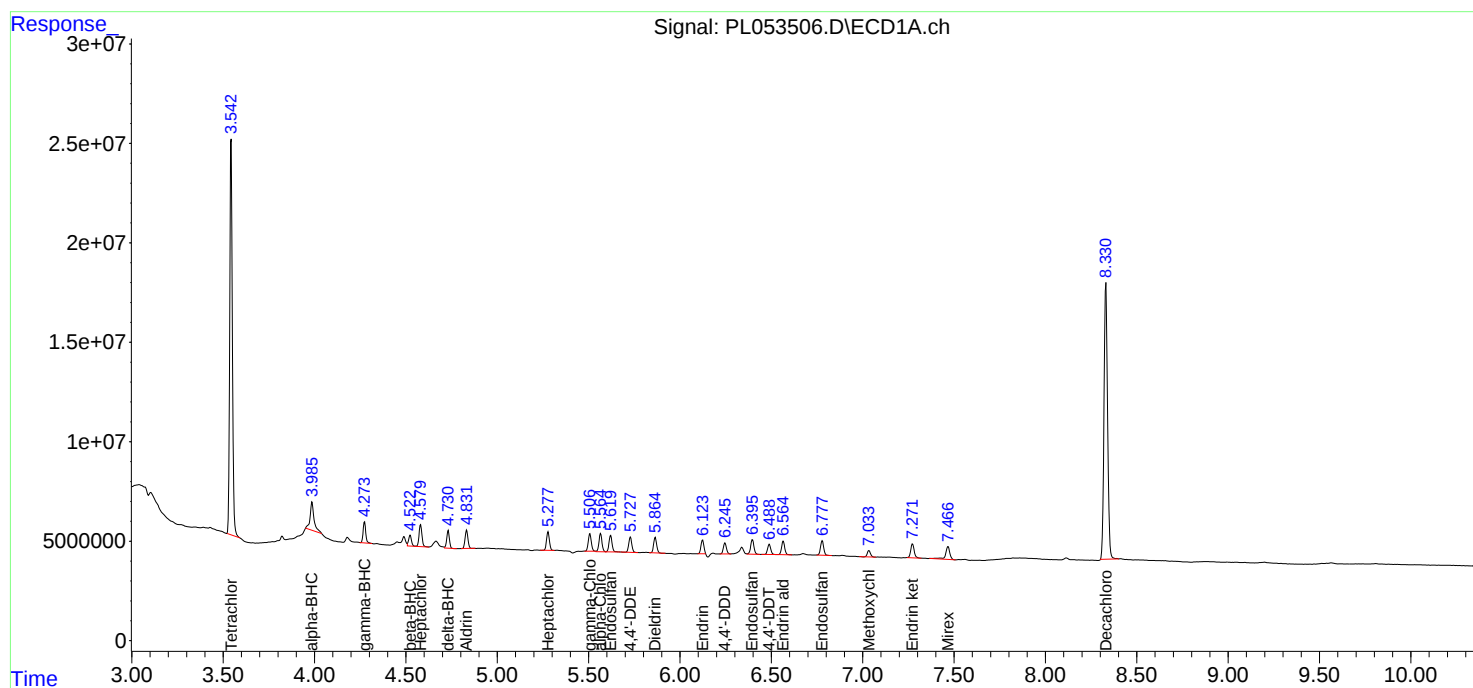
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

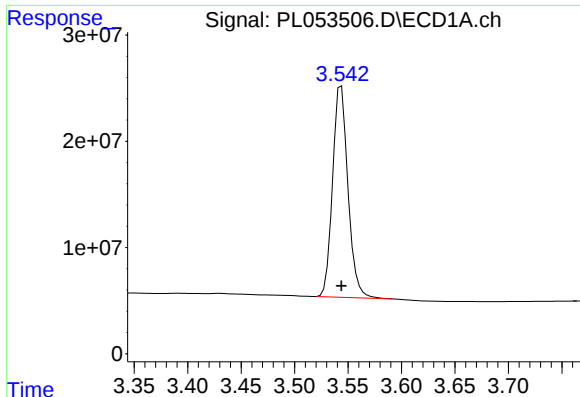
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:55:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 Response 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





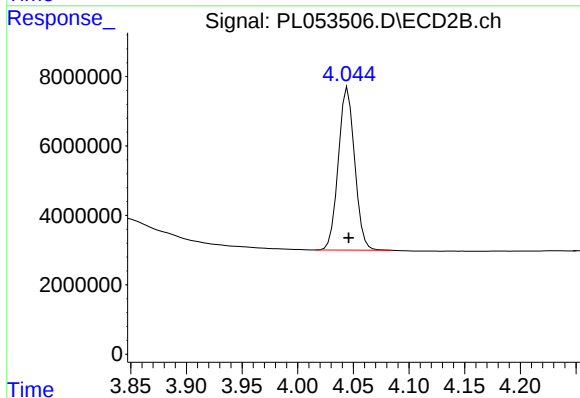
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 198797662
Conc: 18.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

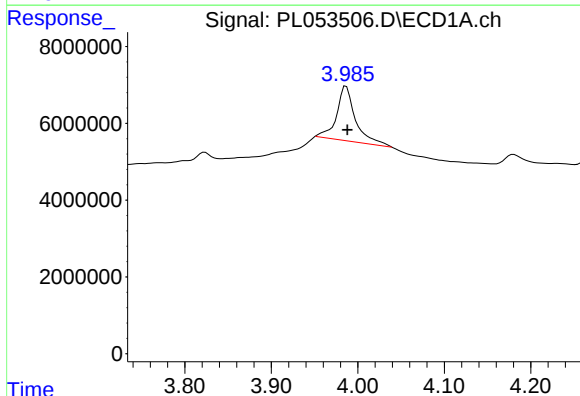
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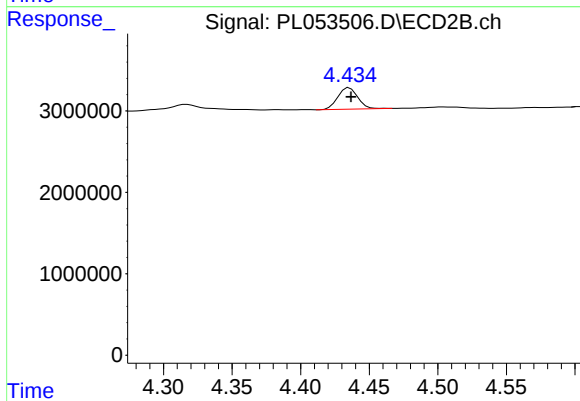
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 47869801
Conc: 19.13 ng/ml



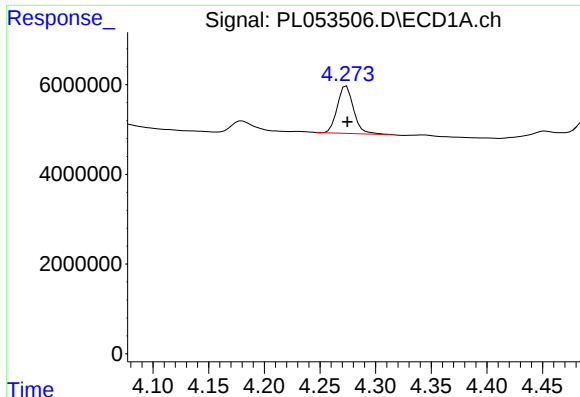
#2 alpha-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 21212060
Conc: 1.22 ng/ml



#2 alpha-BHC

R.T.: 4.436 min
Delta R.T.: -0.001 min
Response: 2659190
Conc: 0.77 ng/ml



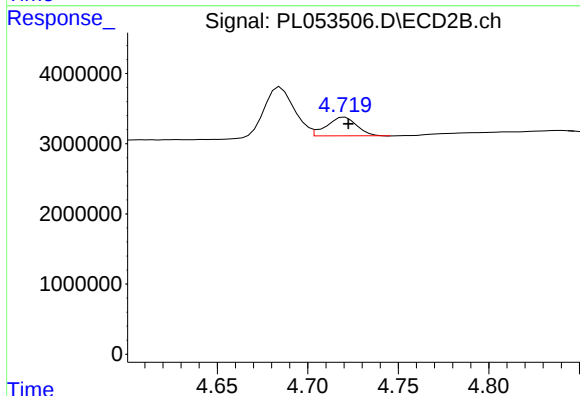
#3 gamma-BHC (Lindane)

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 10692386
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

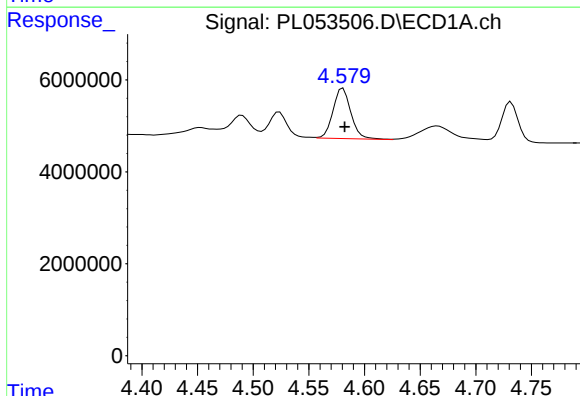
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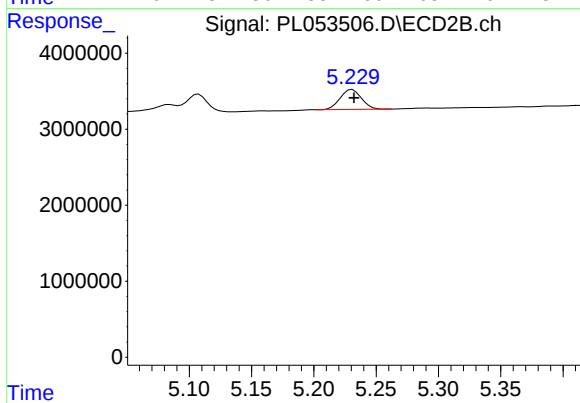
#3 gamma-BHC (Lindane)

R.T.: 4.719 min
Delta R.T.: -0.003 min
Response: 3039011
Conc: 0.94 ng/ml m



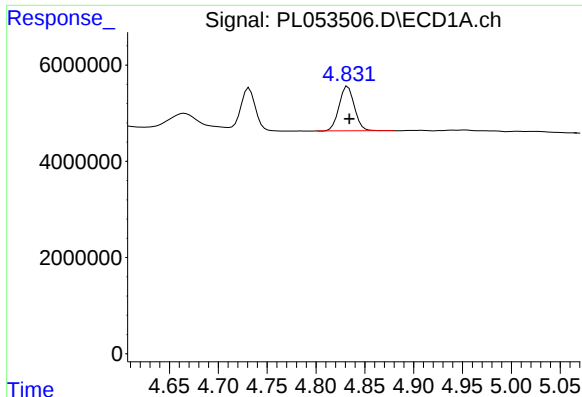
#4 Heptachlor

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 12220473
Conc: 0.77 ng/ml



#4 Heptachlor

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 3134260
Conc: 0.97 ng/ml



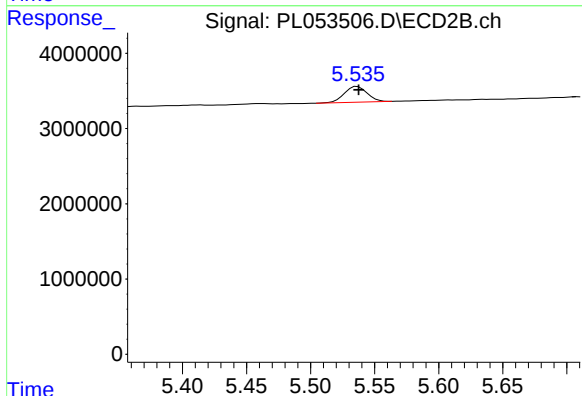
#5 Aldrin

R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 10117563
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

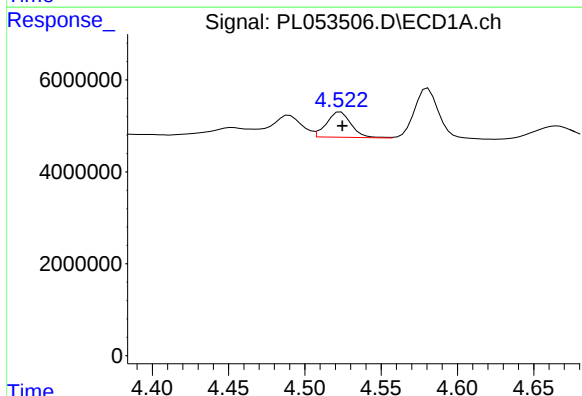
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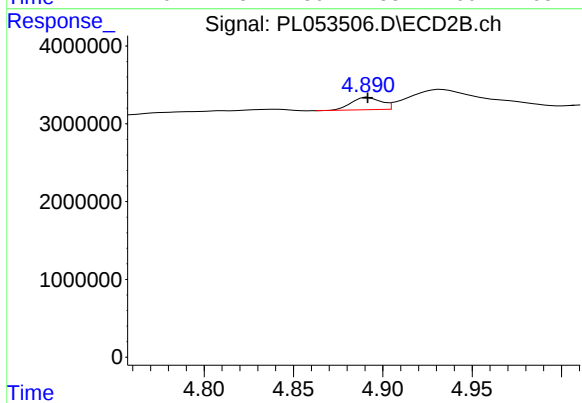
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 2622777
Conc: 0.88 ng/ml m



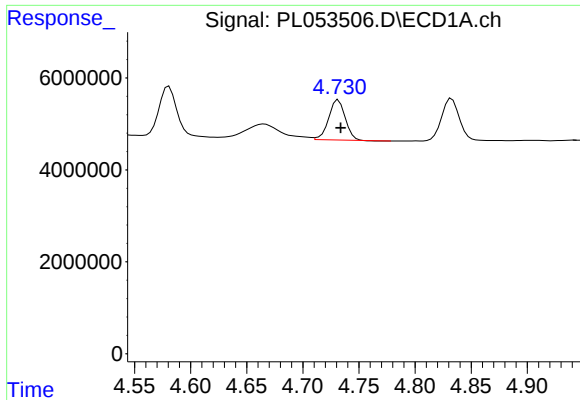
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 6233458
Conc: 0.95 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 1807666
Conc: 1.17 ng/ml



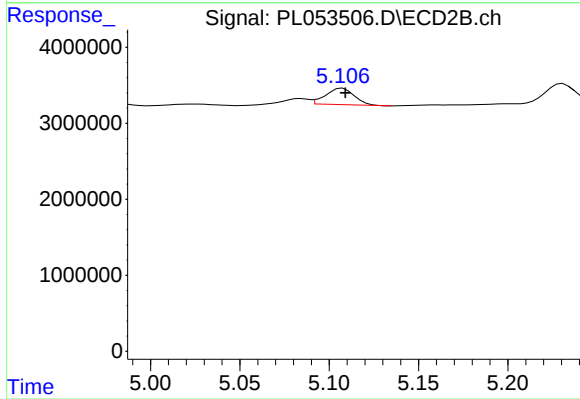
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 8777114
Conc: 0.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

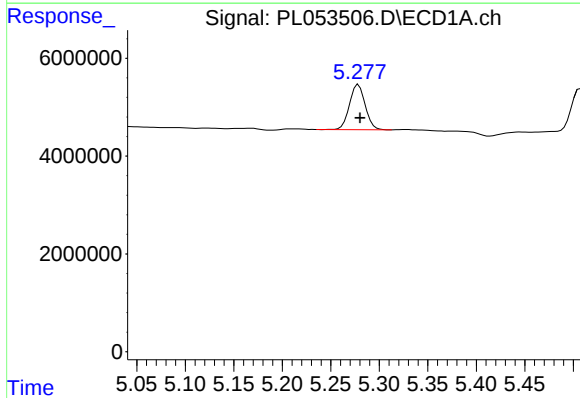
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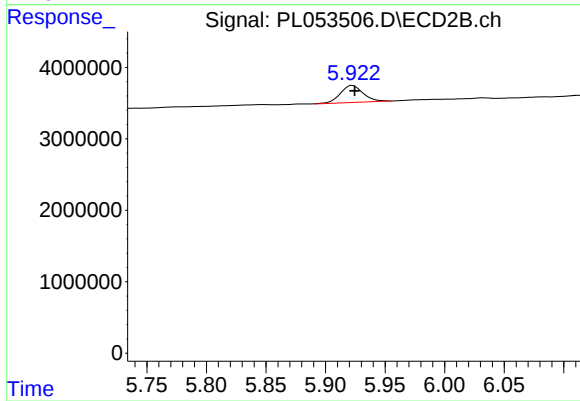
#7 delta-BHC

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 2391614
Conc: 0.79 ng/ml



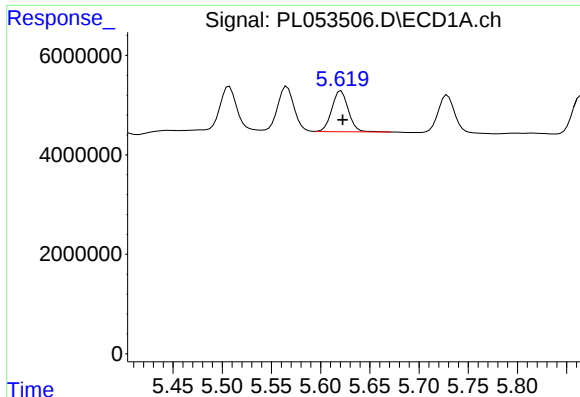
#8 Heptachlor epoxide

R.T.: 5.279 min
Delta R.T.: -0.002 min
Response: 10410059
Conc: 0.77 ng/ml



#8 Heptachlor epoxide

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 3156650
Conc: 1.08 ng/ml m



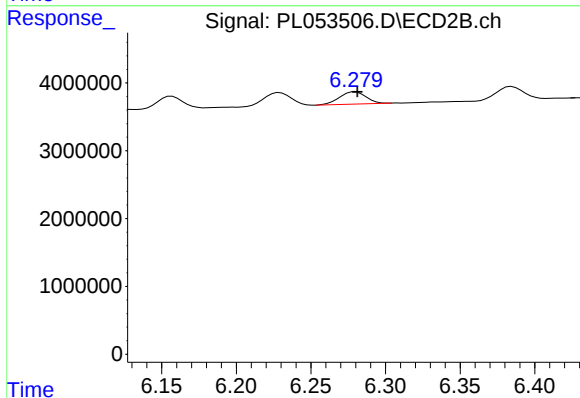
#9 Endosulfan I

R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 9560735
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

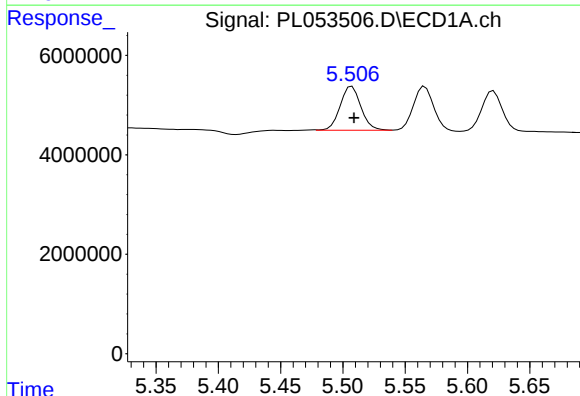
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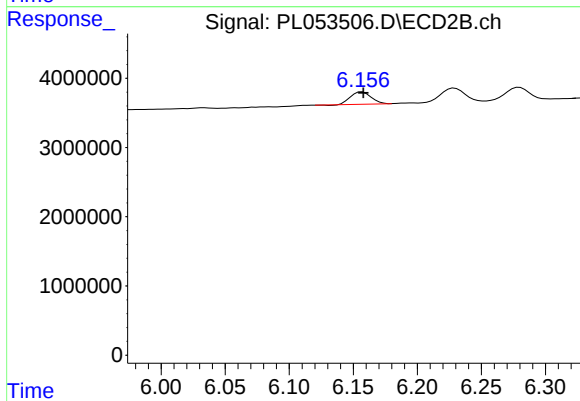
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 2246615
Conc: 0.83 ng/ml



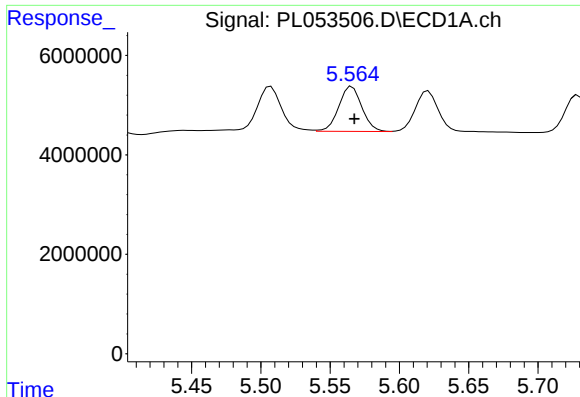
#10 gamma-Chlordane

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 10267462
Conc: 0.75 ng/ml m



#10 gamma-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 1957311
Conc: 0.67 ng/ml



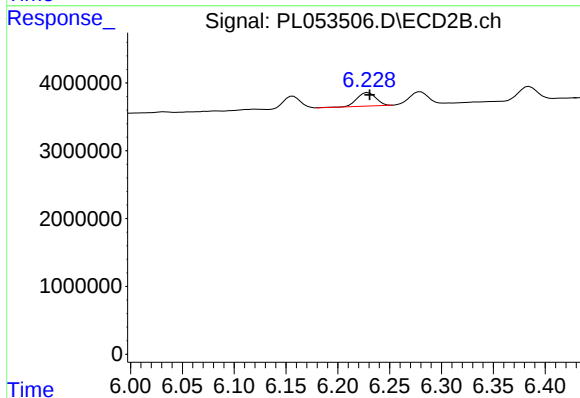
#11 alpha-Chlordane

R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 10477132
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

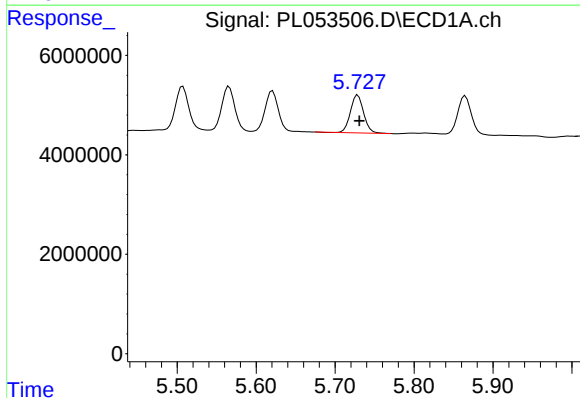
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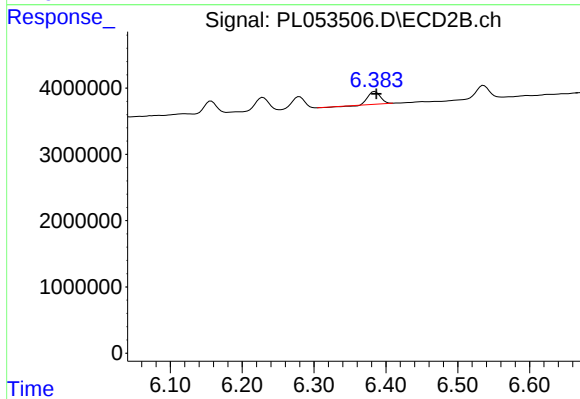
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 2516017
Conc: 0.86 ng/ml



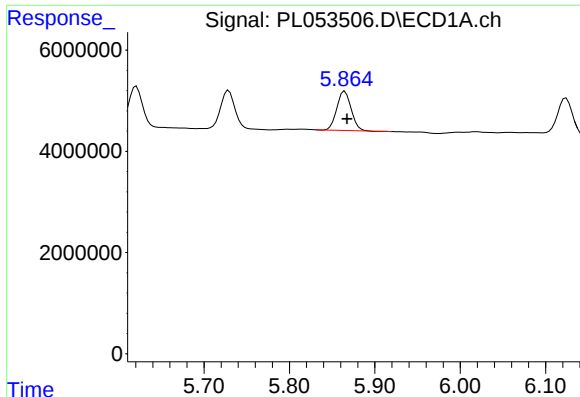
#12 4,4'-DDE

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 8858445
Conc: 0.75 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 2163005
Conc: 0.77 ng/ml



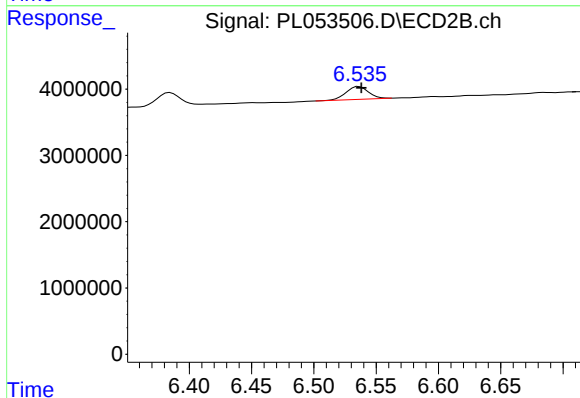
#13 Dieldrin

R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 9022501
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

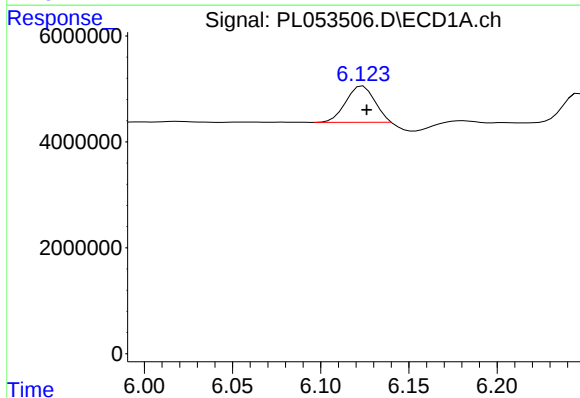
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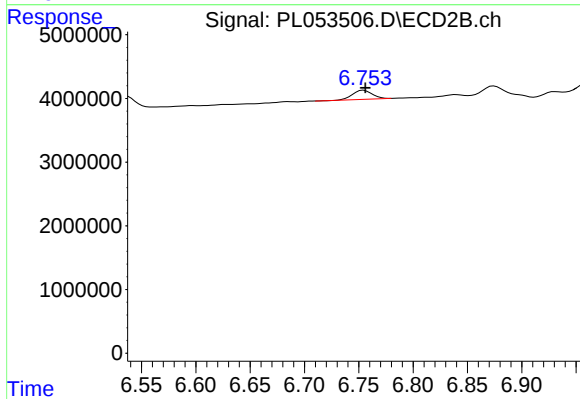
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 2413210
Conc: 0.85 ng/ml



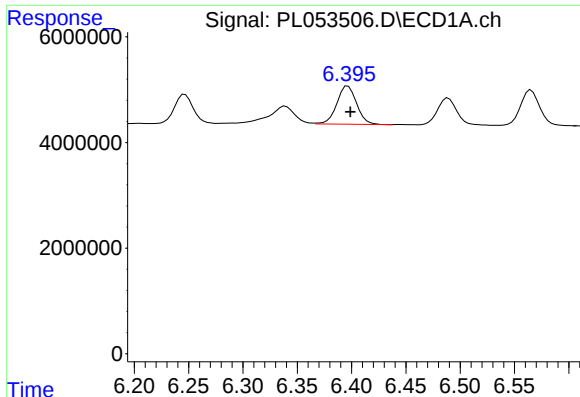
#14 Endrin

R.T.: 6.123 min
Delta R.T.: -0.003 min
Response: 7812810
Conc: 0.67 ng/ml m



#14 Endrin

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 1774849
Conc: 0.73 ng/ml



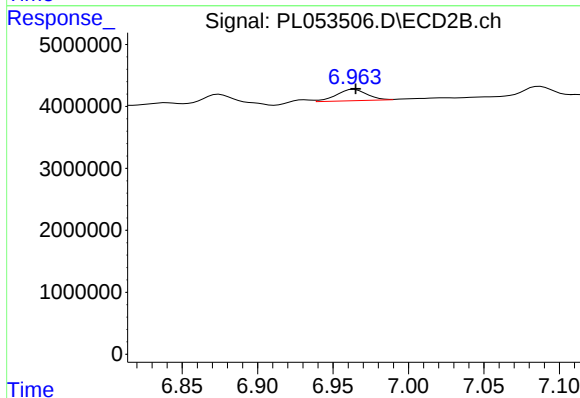
#15 Endosulfan II

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 9164853
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

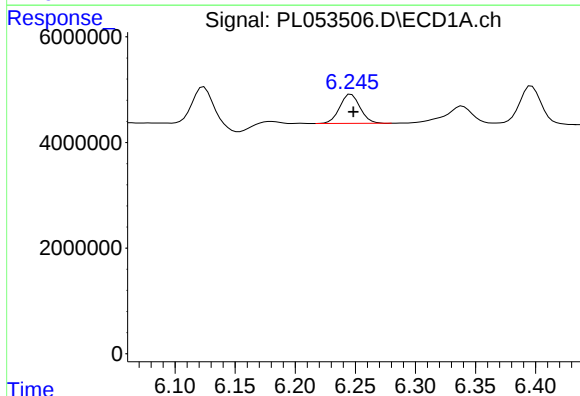
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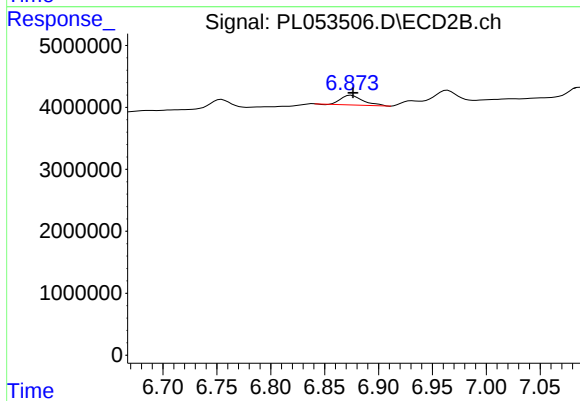
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: -0.001 min
Response: 2620922
Conc: 1.03 ng/ml



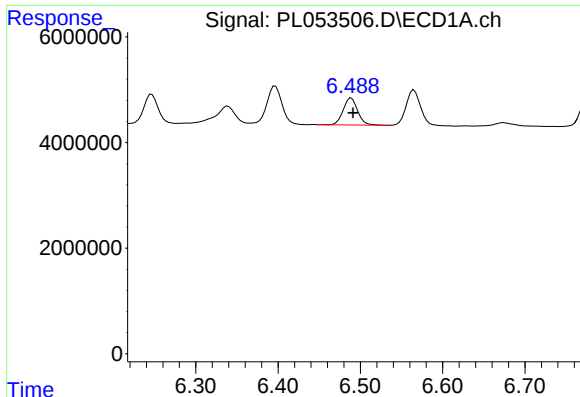
#16 4,4'-DDD

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 6539961
Conc: 0.73 ng/ml m



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 2236206
Conc: 1.07 ng/ml



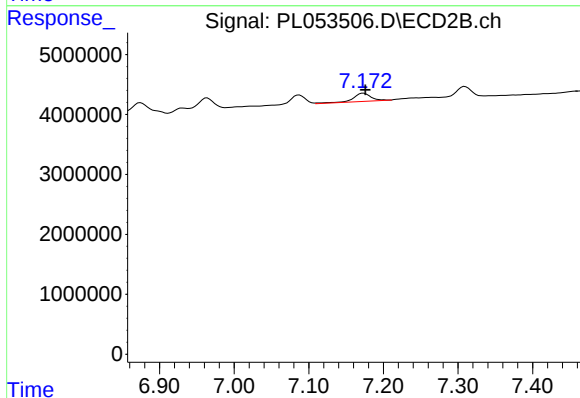
#17 4,4'-DDT

R.T.: 6.489 min
Delta R.T.: -0.002 min
Response: 6274836
Conc: 0.63 ng/ml

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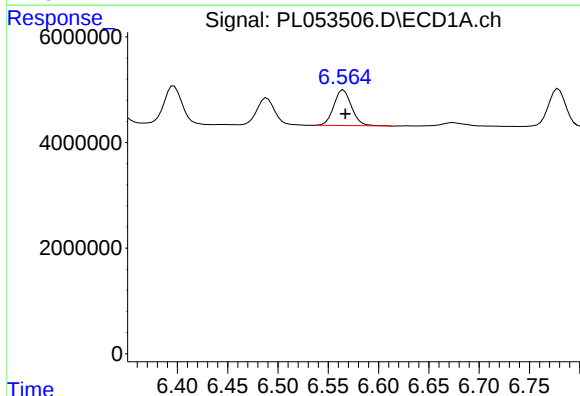
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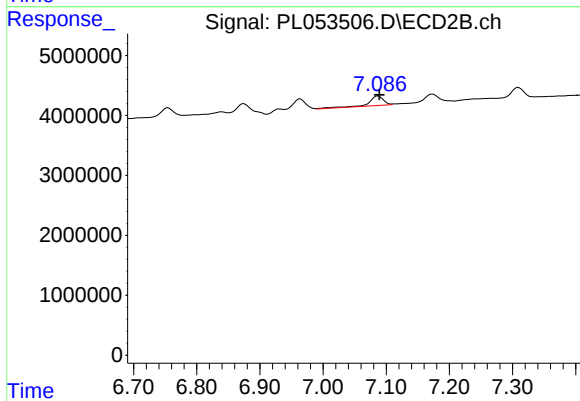
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 2259640
Conc: 0.98 ng/ml



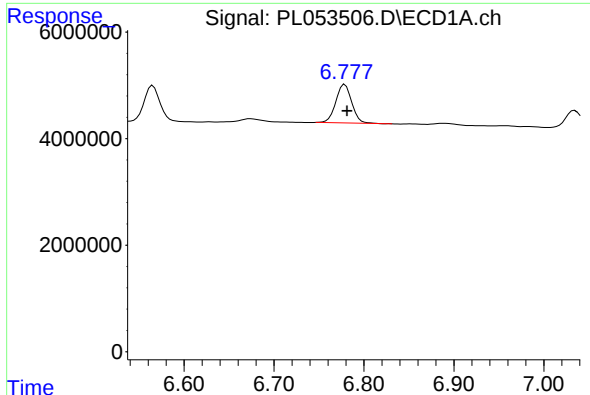
#18 Endrin aldehyde

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 8242364
Conc: 0.90 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 2547507
Conc: 1.16 ng/ml



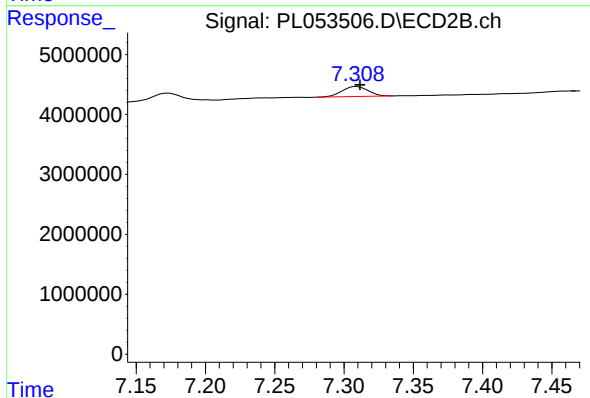
#19 Endosulfan Sulfate

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 8844613
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

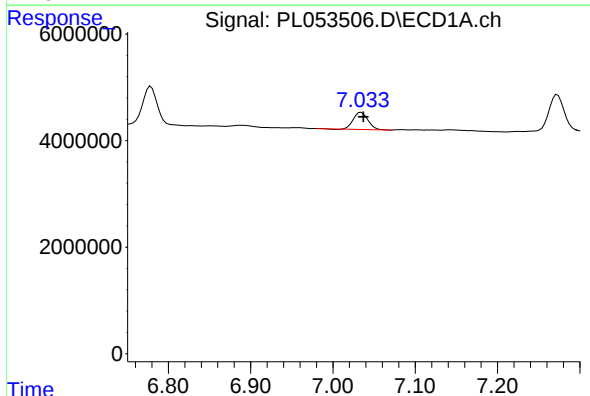
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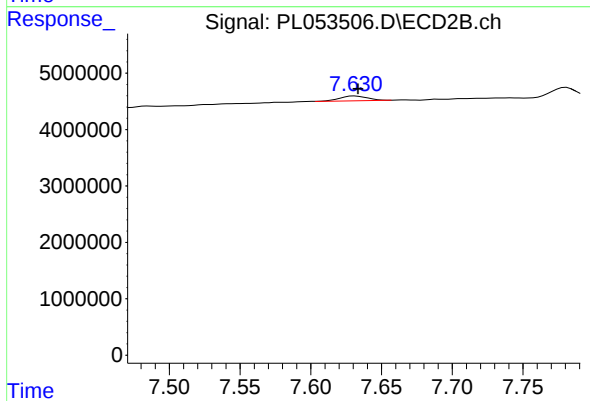
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 2190696
Conc: 0.89 ng/ml



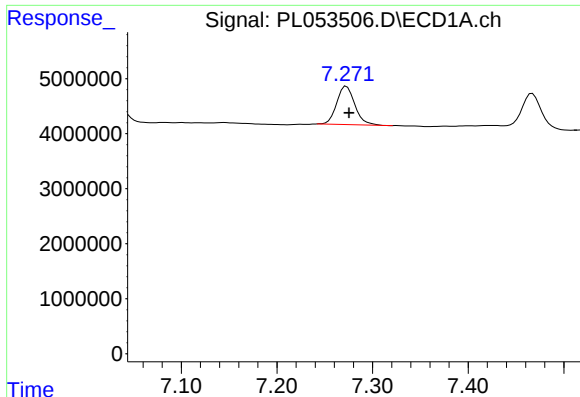
#20 Methoxychlor

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 3932290
Conc: 0.80 ng/ml



#20 Methoxychlor

R.T.: 7.630 min
Delta R.T.: -0.004 min
Response: 1174007
Conc: 0.90 ng/ml m



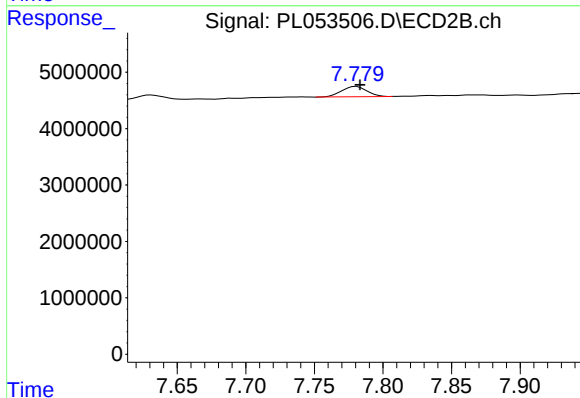
#21 Endrin ketone

R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 9163236
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

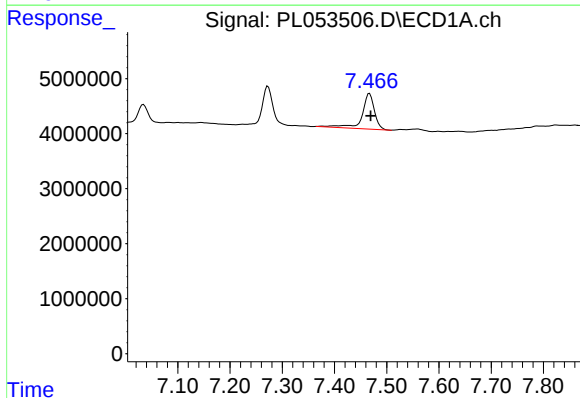
Manual Integrations
APPROVED

Ankita
10/22/2019 12:23:43 PM



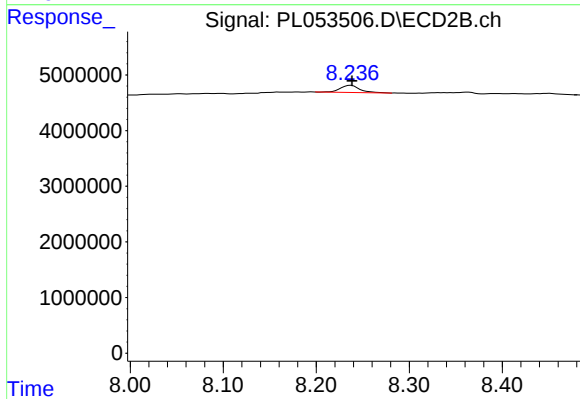
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.003 min
Response: 2340533
Conc: 0.91 ng/ml



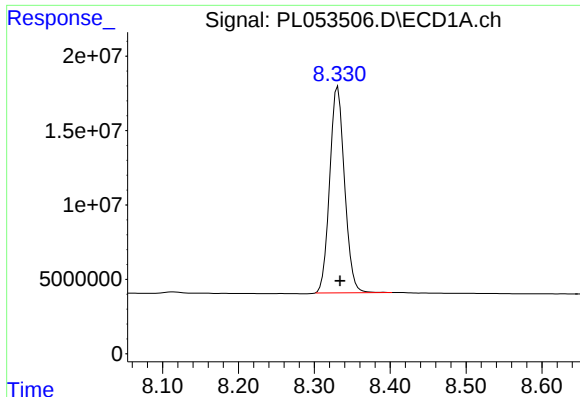
#22 Mirex

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 10611556
Conc: 1.24 ng/ml



#22 Mirex

R.T.: 8.237 min
Delta R.T.: -0.001 min
Response: 1813155
Conc: 0.90 ng/ml



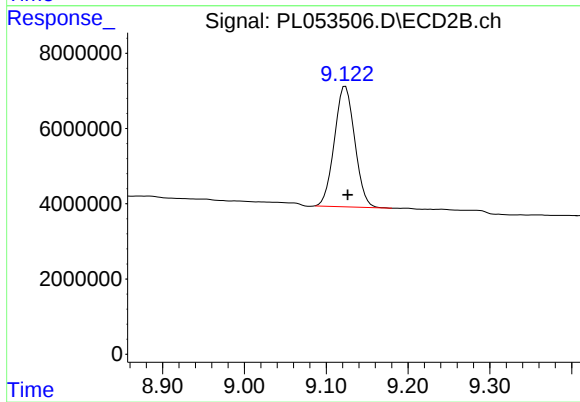
#28 Decachlorobiphenyl

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 188495119
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

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#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: -0.003 min
Response: 55172545
Conc: 19.59 ng/ml