

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2019 22:58
 Operator : SM\AJ
 Sample : K3591-02
 Misc : LOQ 5 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:37:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 18 04:12:31 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...	3.319	3.931	212.3E6	59777347	21.130	20.951
28)	SA Decachlor...	7.980	8.962	250.7E6	65484091	24.758	23.156
Target Compounds							
2)	A alpha-BHC	3.746	4.319	79472360	17748691	4.742	4.302
3)	MA gamma-BHC...	4.021	4.602	72033704	17688509	4.683	4.567
4)	MA Heptachlor	4.305	5.104	81540328	21249082	4.970	5.124
5)	MB Aldrin	4.543	5.406	76941616	18169927	4.967	4.822
6)	B beta-BHC	4.276	4.779	33183082	7363470	5.062	4.259
7)	B delta-BHC	4.469	4.991	70316649	17831580	4.285	4.610
8)	B Heptachlo...	4.980	5.793	75361290	24800412	5.101	6.484 #
9)	A Endosulfan I	5.309	6.147	77228190	17331621	5.310	5.040
10)	B gamma-Chl...	5.202	6.027	89917635	18271670	5.697	4.945
11)	B alpha-Chl...	5.257	6.098	83581811	18656271	5.479	5.090
12)	B 4,4'-DDE	5.425	6.259	78428801	18409059	5.234	5.109
13)	MA Dieldrin	5.548	6.404	77361926	17360928	4.992	4.903
14)	MA Endrin	5.801	6.621	88737973	14873356	6.028	4.796
15)	B Endosulfa...	6.076	6.833	71611716	16785676	5.117	5.280
16)	A 4,4'-DDD	5.936	6.749	61137517	13680109	5.102	5.137
17)	MA 4,4'-DDT	6.169	7.046	56955004	12791190	4.598	4.738
18)	B Endrin al...	6.243	6.957	59032042	13911759	5.117	5.119
19)	B Endosulfa...	6.454	7.180	66330685	16184527	5.207	5.604
20)	A Methoxychlor	6.714	7.507	31917774	8387213	5.116	5.716
21)	B Endrin ke...	6.936	7.648	69365048	14806535	5.071	5.121
22)	Mirex	7.109	8.097	53019946	13225102	5.408	5.758
24)	Chlordane-2	0.000	5.406f	0	18169927	N.D.	154.700 #
25)	Chlordane-3	5.202	6.027	89917635	18271670	64.237	37.988 #
26)	Chlordane-4	5.257	6.098	83581811	18656271	63.369	32.115 #
27)	Chlordane-5	6.076	0.000	71611716	0	140.985	N.D. #

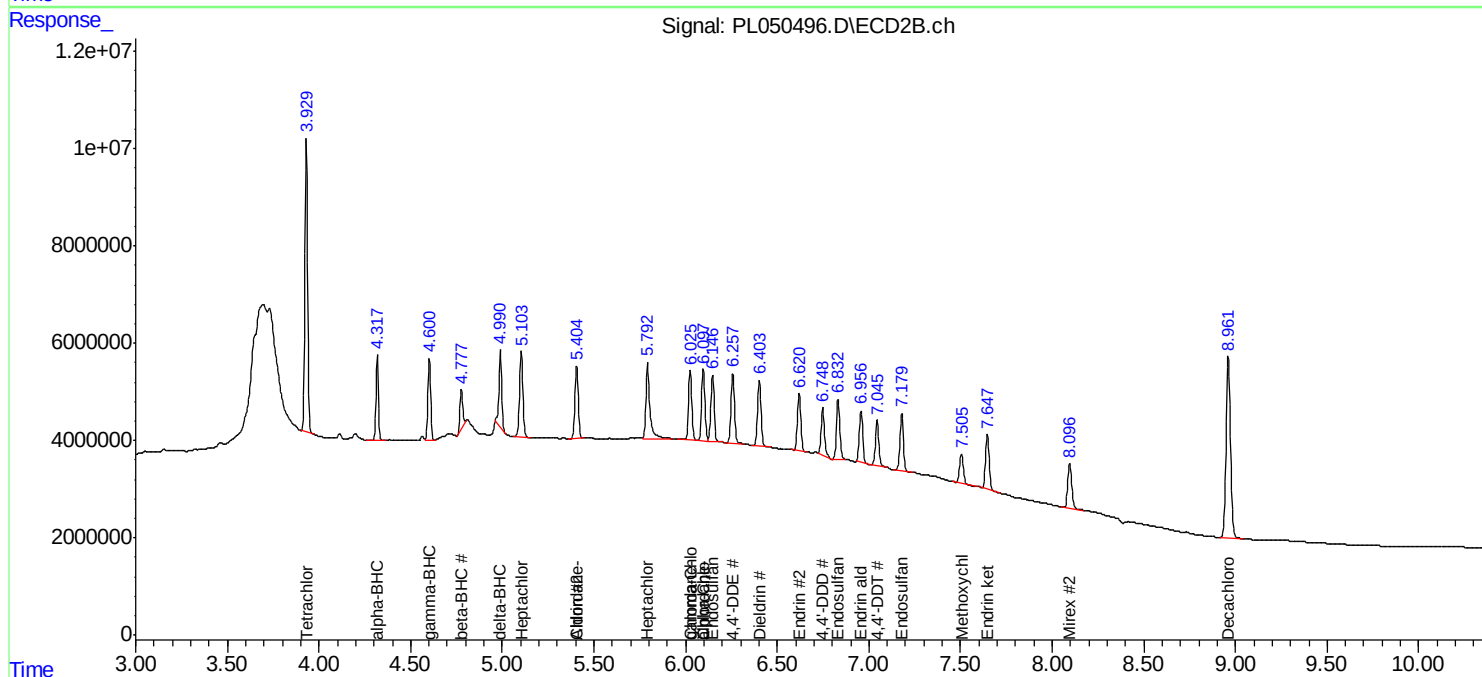
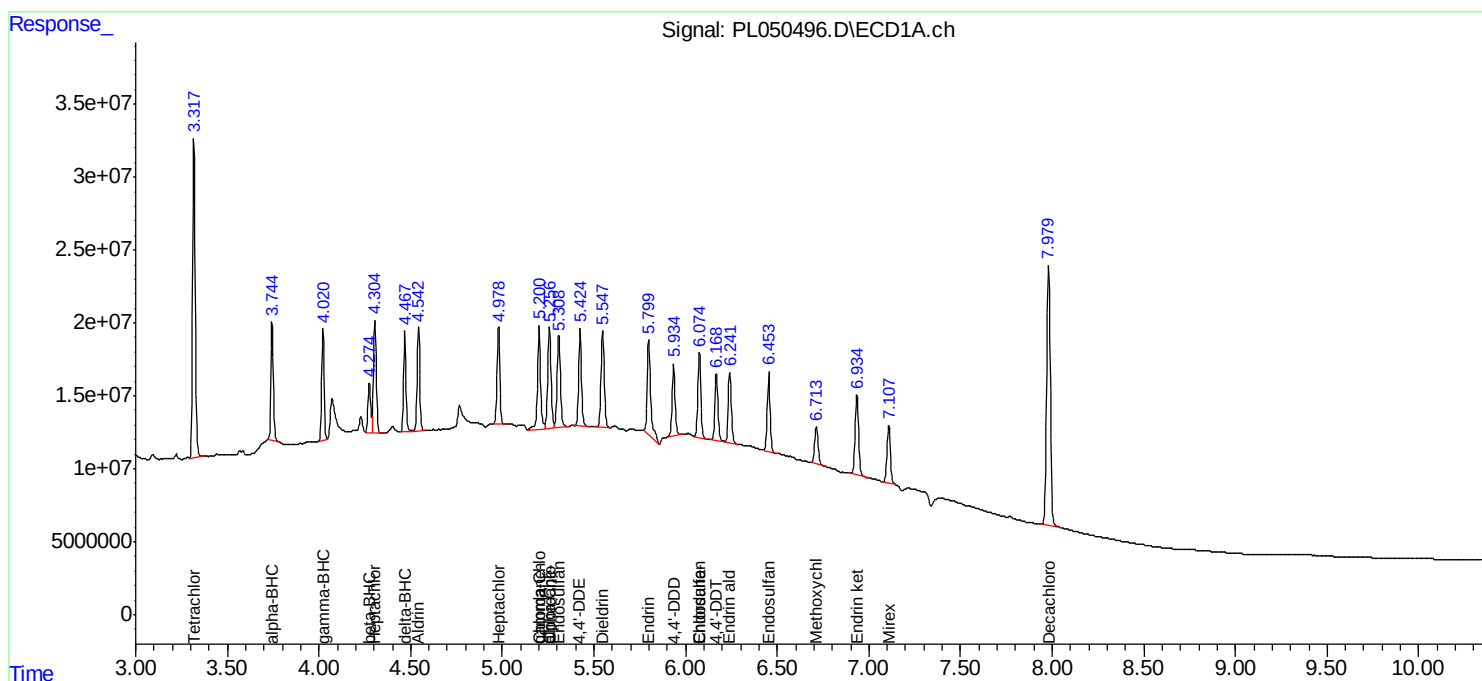
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

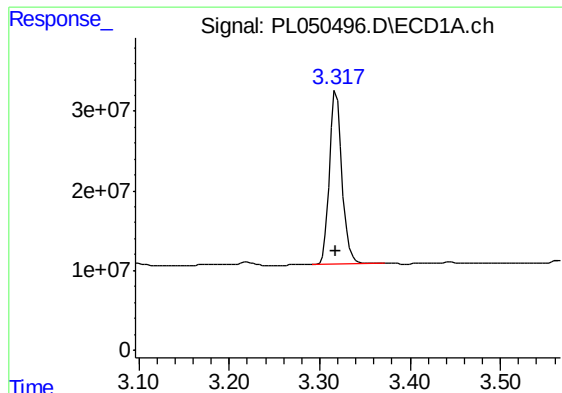
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2019 22:58
Operator : SM\AJ
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ALS Vial : 26 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
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Quant Time: Jul 18 06:37:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
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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

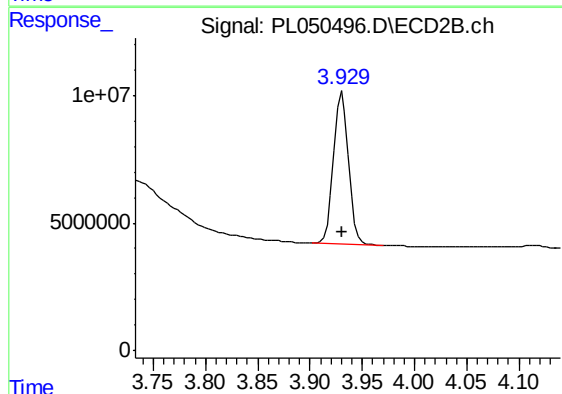




#1 Tetrachloro-m-xylene

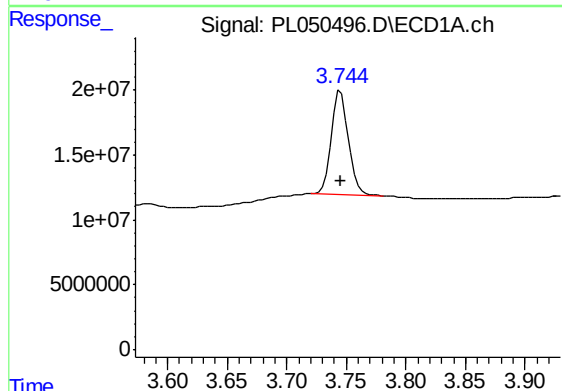
R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 212309714
Conc: 21.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



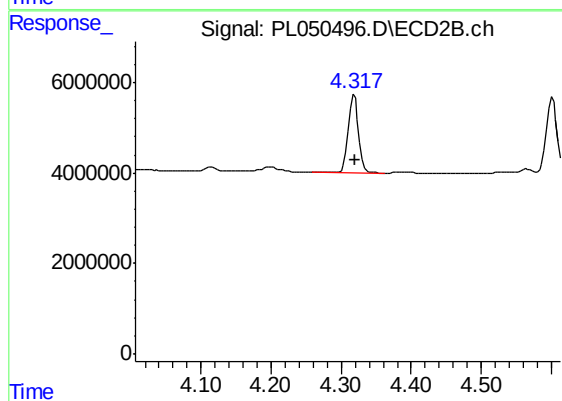
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 59777347
Conc: 20.95 ng/ml



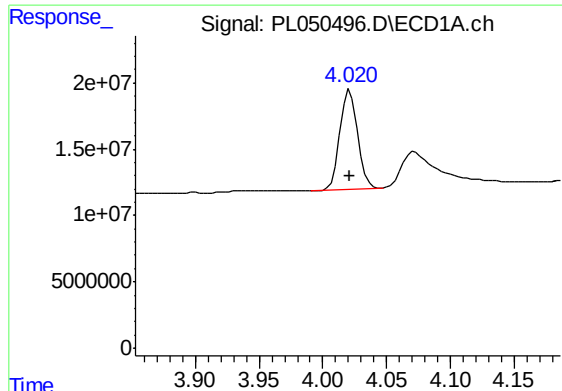
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 79472360
Conc: 4.74 ng/ml



#2 alpha-BHC

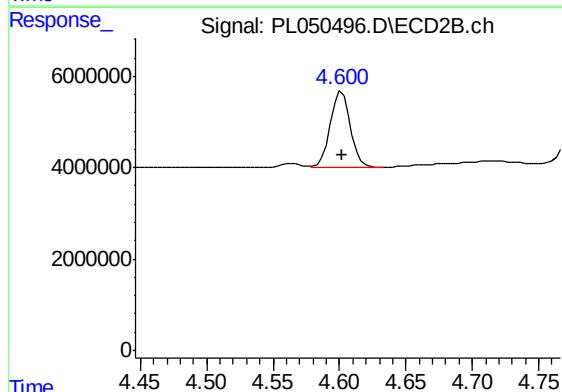
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 17748691
Conc: 4.30 ng/ml



#3 gamma-BHC (Lindane)

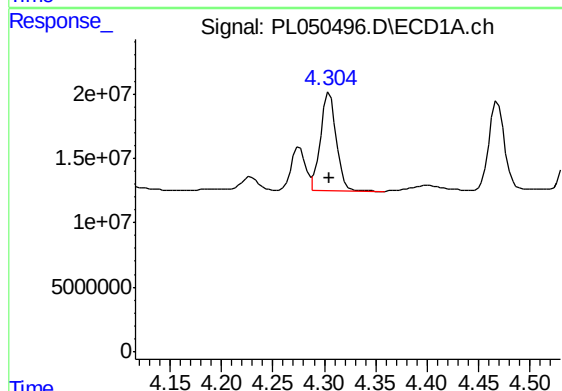
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 72033704
Conc: 4.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



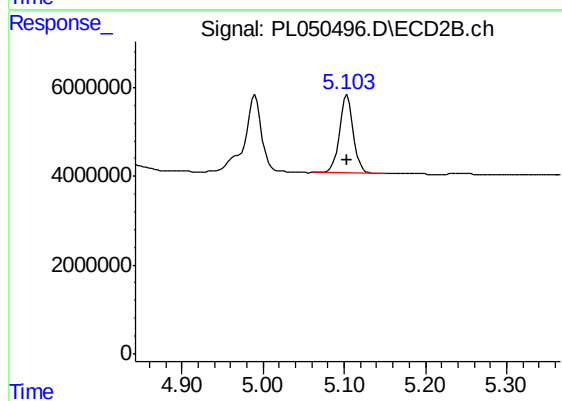
#3 gamma-BHC (Lindane)

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 17688509
Conc: 4.57 ng/ml



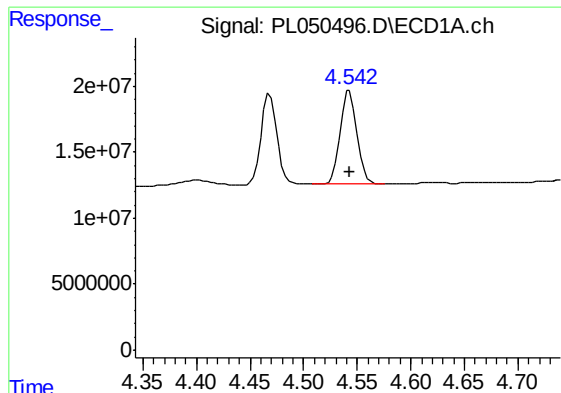
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 81540328
Conc: 4.97 ng/ml



#4 Heptachlor

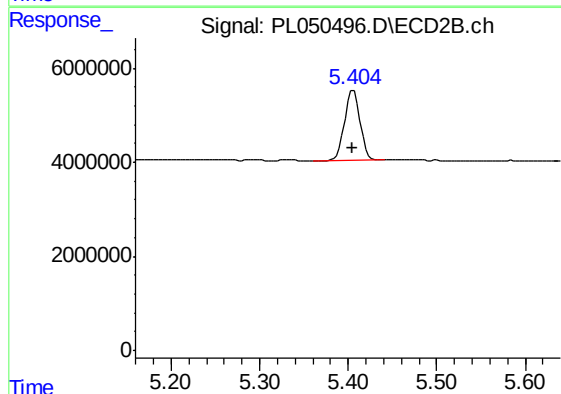
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 21249082
Conc: 5.12 ng/ml



#5 Aldrin

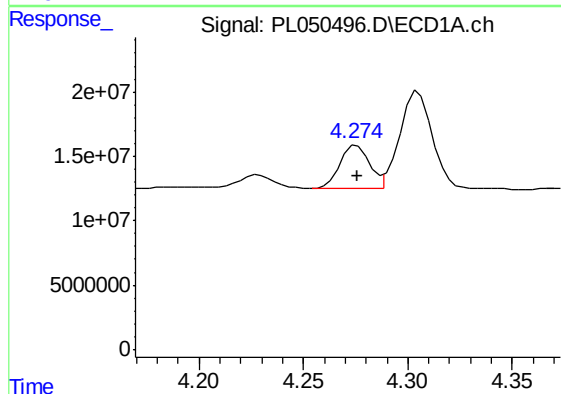
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 76941616
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



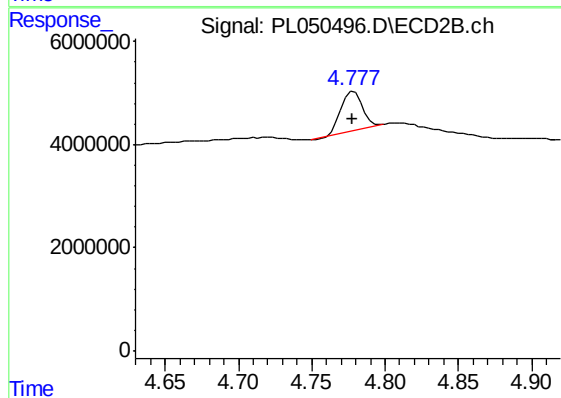
#5 Aldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 18169927
Conc: 4.82 ng/ml



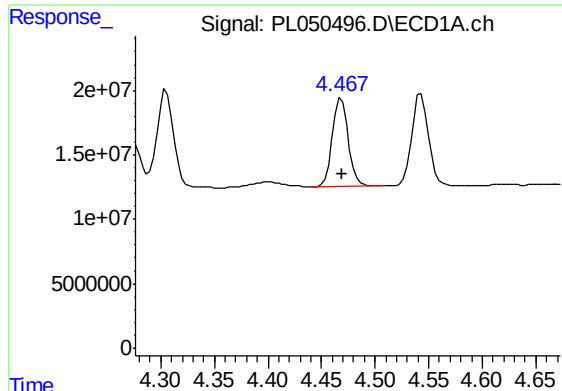
#6 beta-BHC

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 33183082
Conc: 5.06 ng/ml



#6 beta-BHC

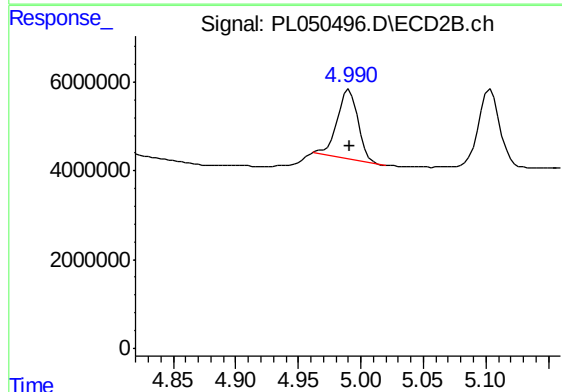
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 7363470
Conc: 4.26 ng/ml



#7 delta-BHC

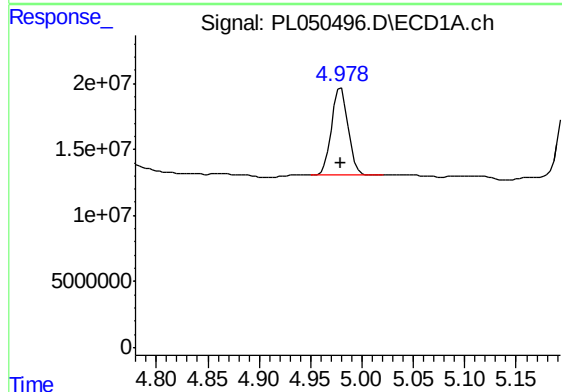
R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 70316649
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



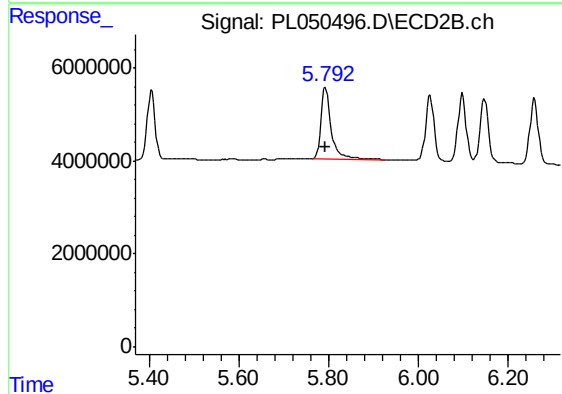
#7 delta-BHC

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 17831580
Conc: 4.61 ng/ml



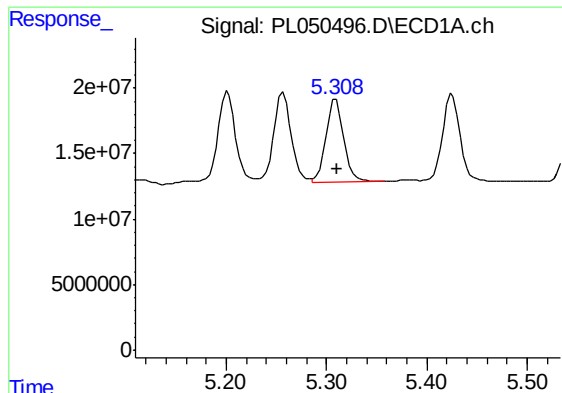
#8 Heptachlor epoxide

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 75361290
Conc: 5.10 ng/ml



#8 Heptachlor epoxide

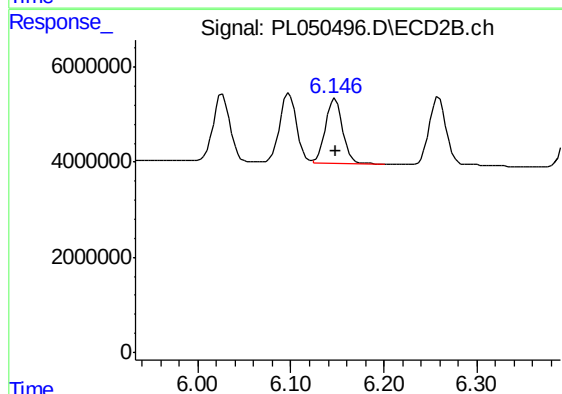
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 24800412
Conc: 6.48 ng/ml



#9 Endosulfan I

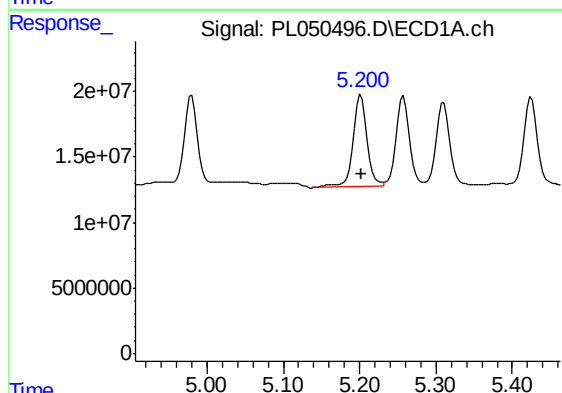
R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 77228190
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



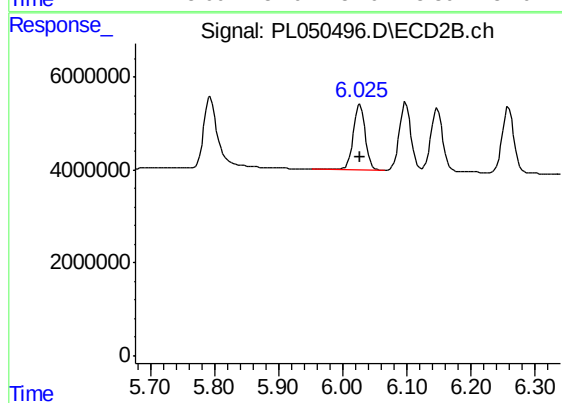
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 17331621
Conc: 5.04 ng/ml



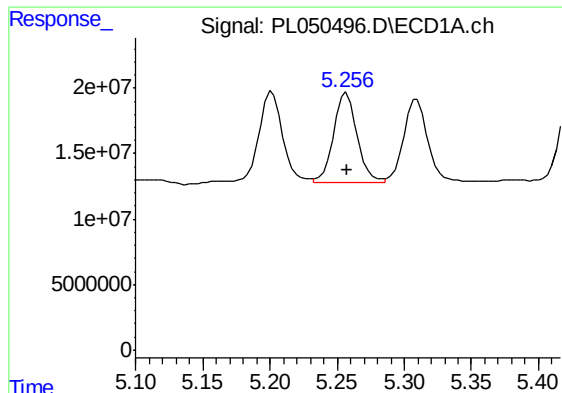
#10 gamma-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 89917635
Conc: 5.70 ng/ml



#10 gamma-Chlordane

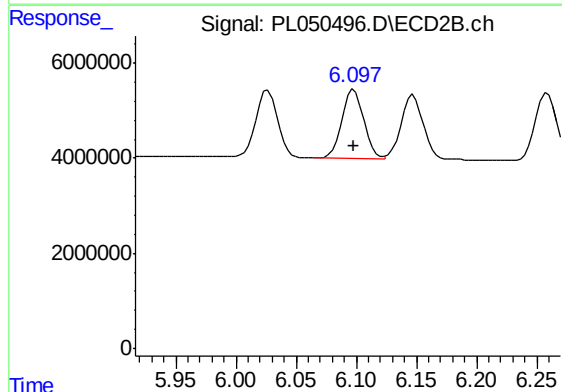
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 18271670
Conc: 4.94 ng/ml



#11 alpha-Chlordane

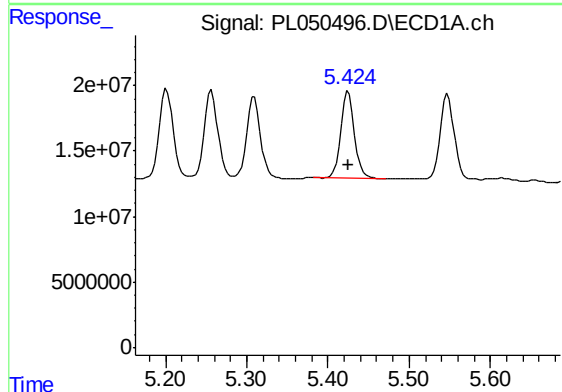
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 83581811
Conc: 5.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



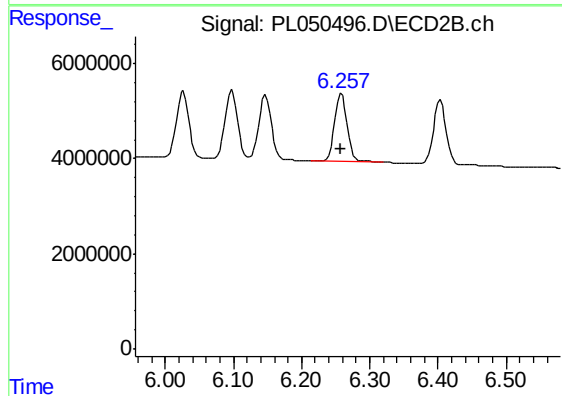
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 18656271
Conc: 5.09 ng/ml



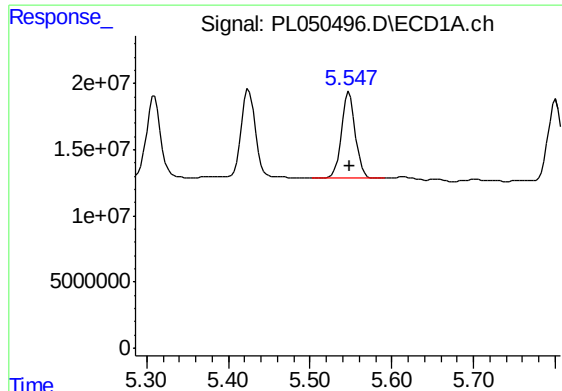
#12 4,4'-DDE

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 78428801
Conc: 5.23 ng/ml



#12 4,4'-DDE

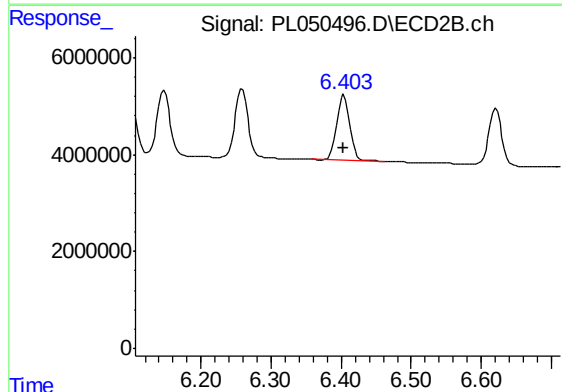
R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 18409059
Conc: 5.11 ng/ml



#13 Dielldrin

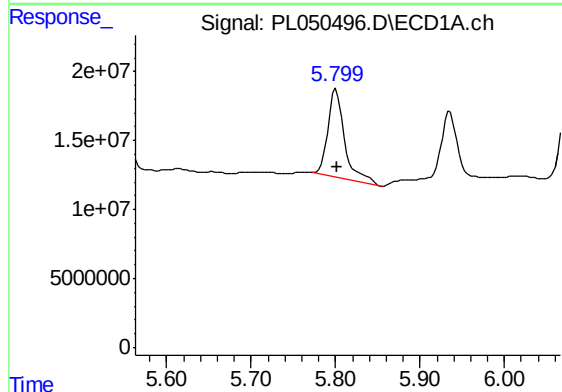
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 77361926
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



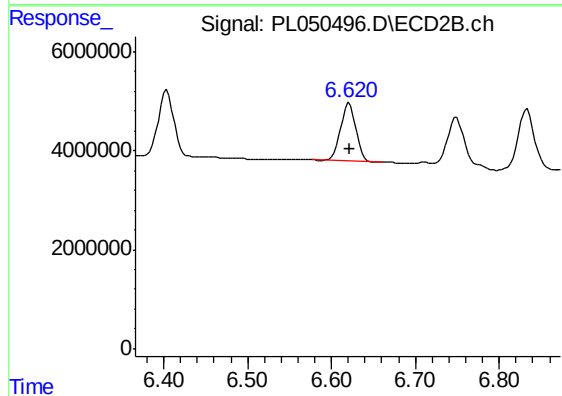
#13 Dielldrin

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 17360928
Conc: 4.90 ng/ml



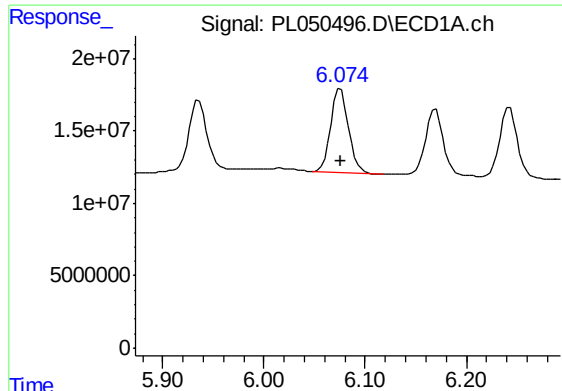
#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 88737973
Conc: 6.03 ng/ml



#14 Endrin

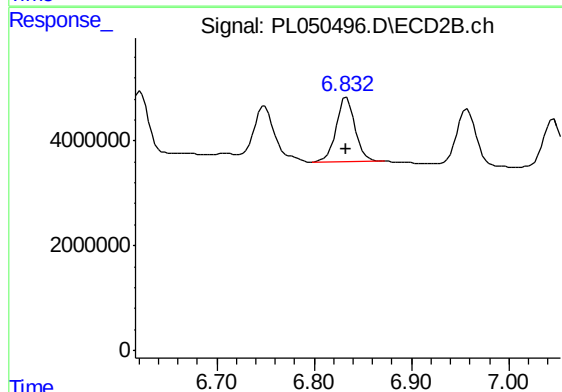
R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 14873356
Conc: 4.80 ng/ml



#15 Endosulfan II

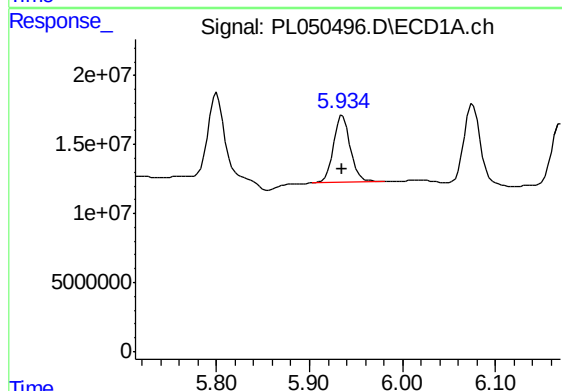
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 71611716
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



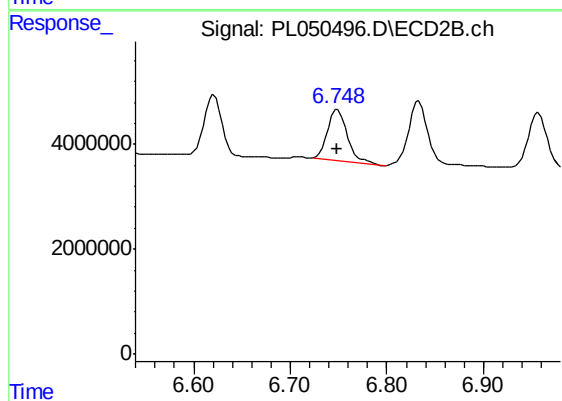
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 16785676
Conc: 5.28 ng/ml



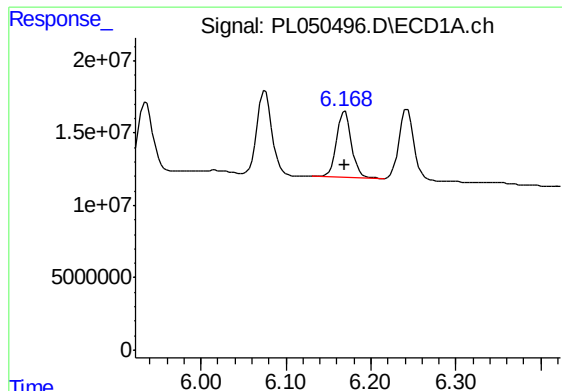
#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 61137517
Conc: 5.10 ng/ml



#16 4,4'-DDD

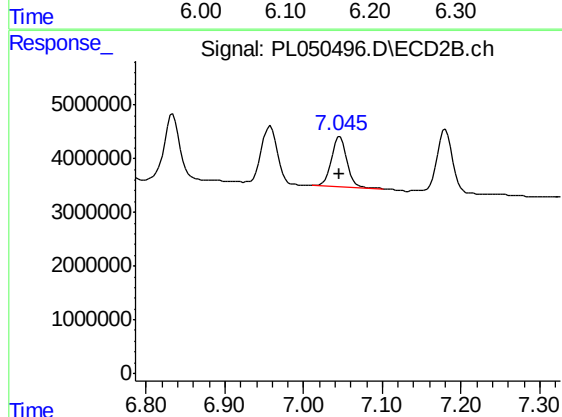
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 13680109
Conc: 5.14 ng/ml



#17 4,4'-DDT

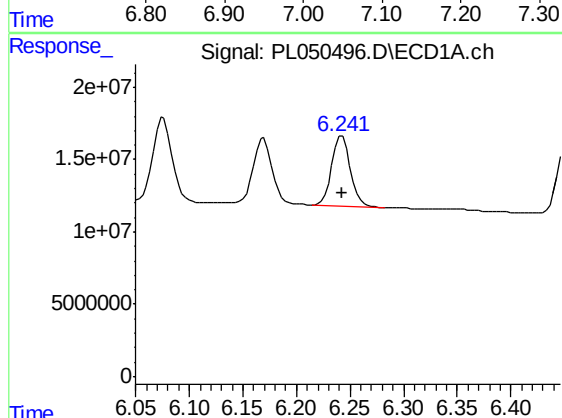
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 56955004
Conc: 4.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



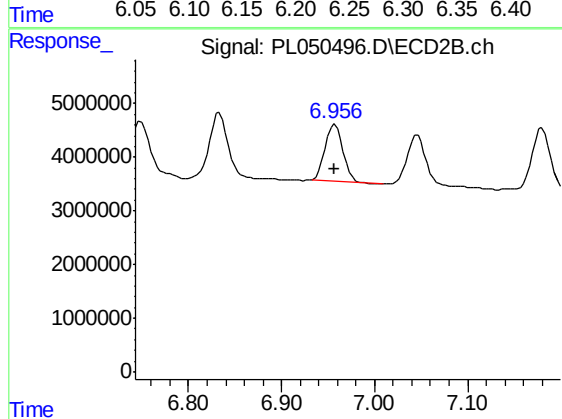
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 12791190
Conc: 4.74 ng/ml



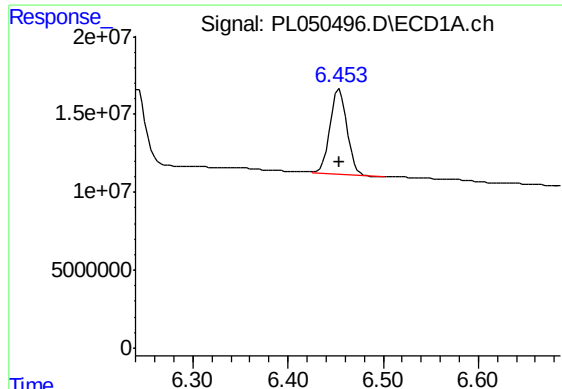
#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 59032042
Conc: 5.12 ng/ml



#18 Endrin aldehyde

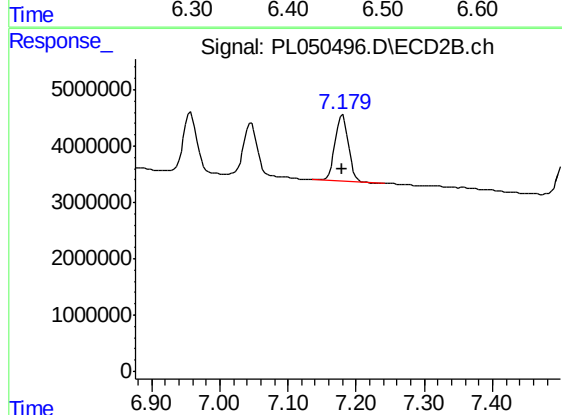
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 13911759
Conc: 5.12 ng/ml



#19 Endosulfan Sulfate

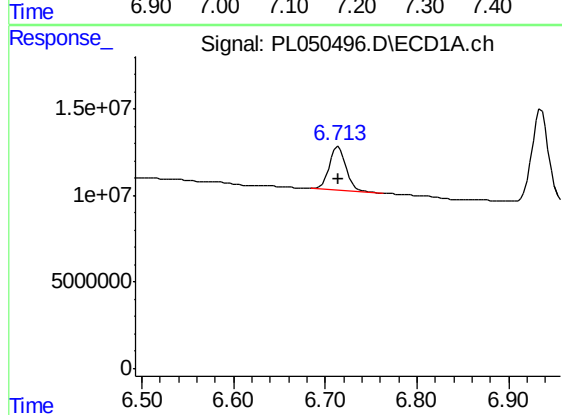
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 66330685
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



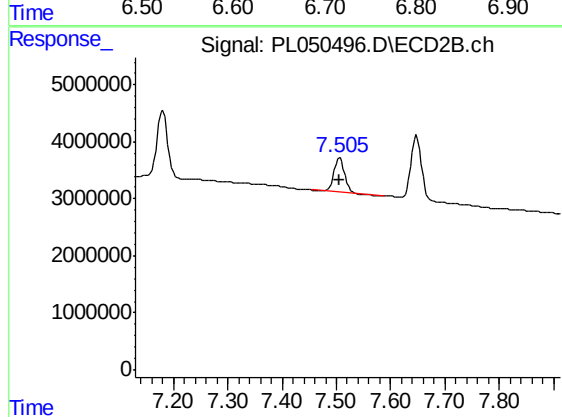
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 16184527
Conc: 5.60 ng/ml



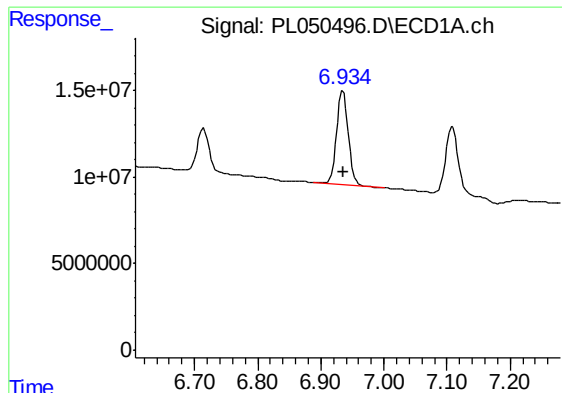
#20 Methoxychlor

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 31917774
Conc: 5.12 ng/ml



#20 Methoxychlor

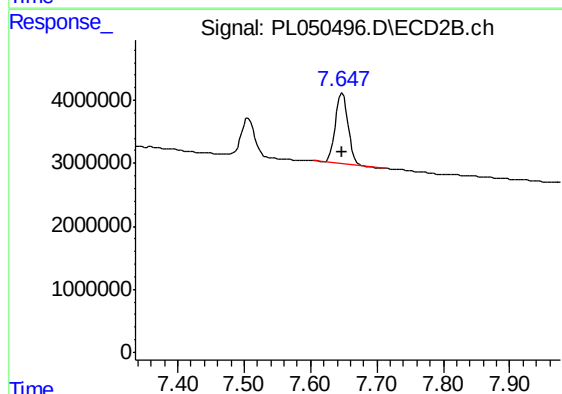
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 8387213
Conc: 5.72 ng/ml



#21 Endrin ketone

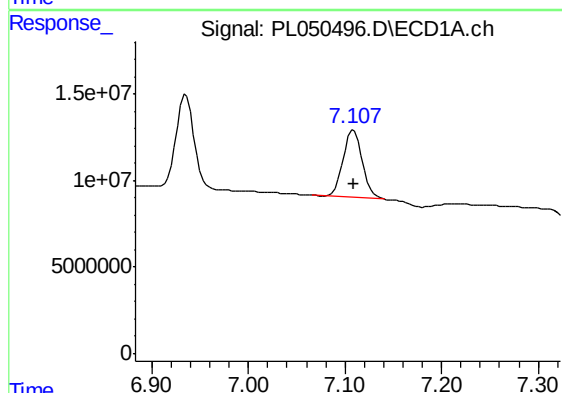
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 69365048
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



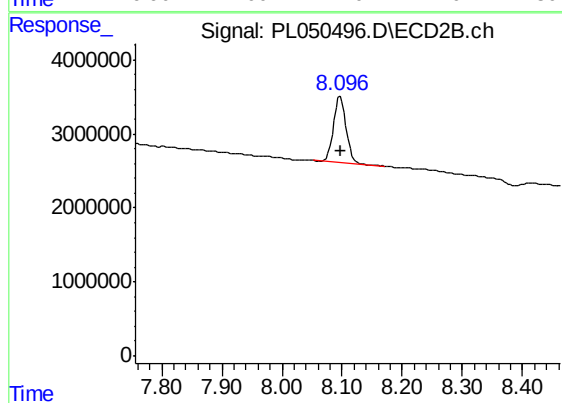
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 14806535
Conc: 5.12 ng/ml



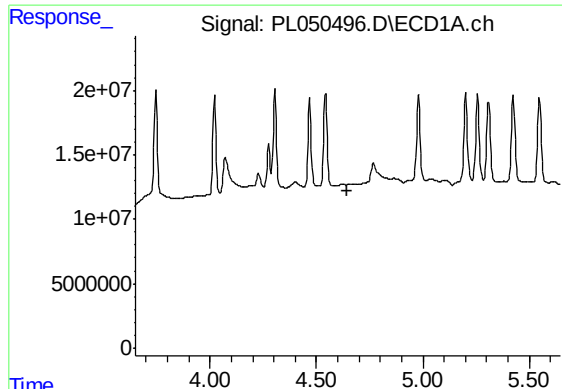
#22 Mirex

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 53019946
Conc: 5.41 ng/ml



#22 Mirex

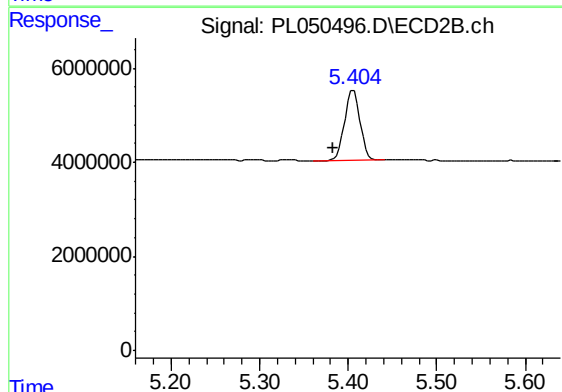
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 13225102
Conc: 5.76 ng/ml



#24 Chlordane-2

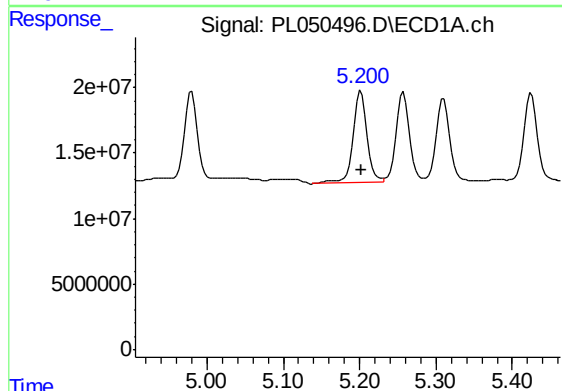
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



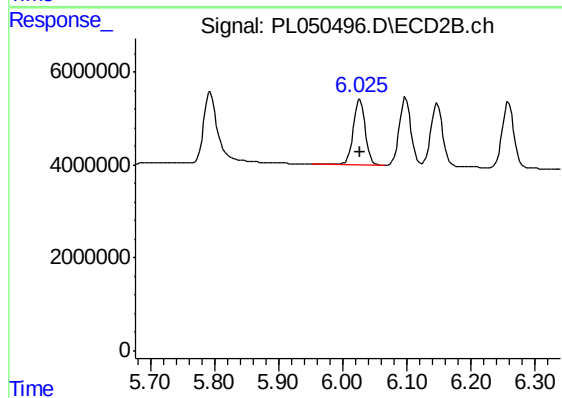
#24 Chlordane-2

R.T.: 5.406 min
Delta R.T.: 0.022 min
Response: 18169927
Conc: 154.70 ng/ml



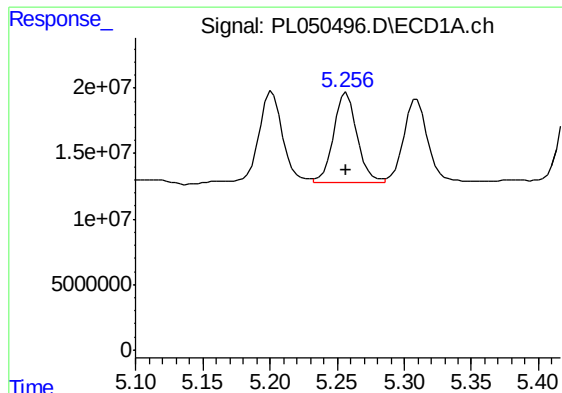
#25 Chlordane-3

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 89917635
Conc: 64.24 ng/ml



#25 Chlordane-3

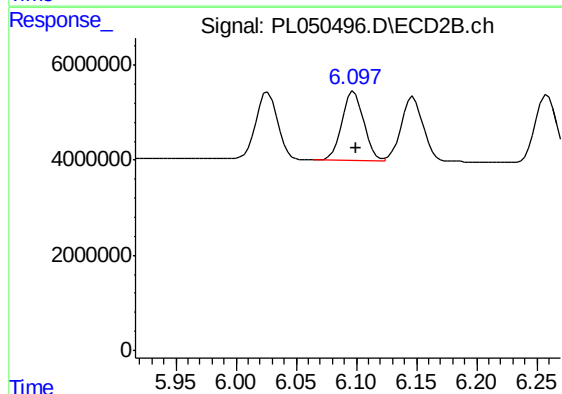
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 18271670
Conc: 37.99 ng/ml



#26 Chlordane-4

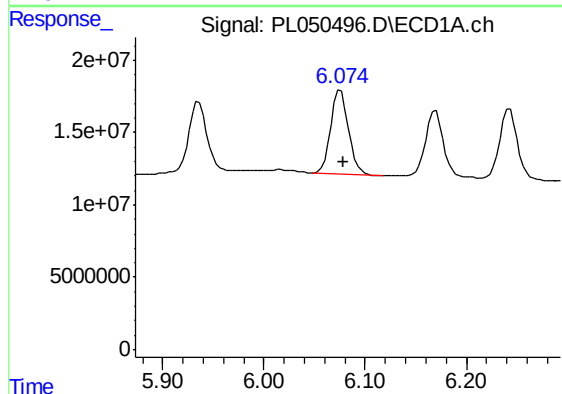
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 83581811
Conc: 63.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



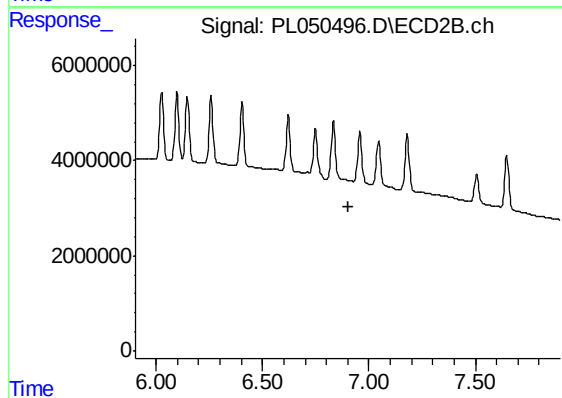
#26 Chlordane-4

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 18656271
Conc: 32.12 ng/ml



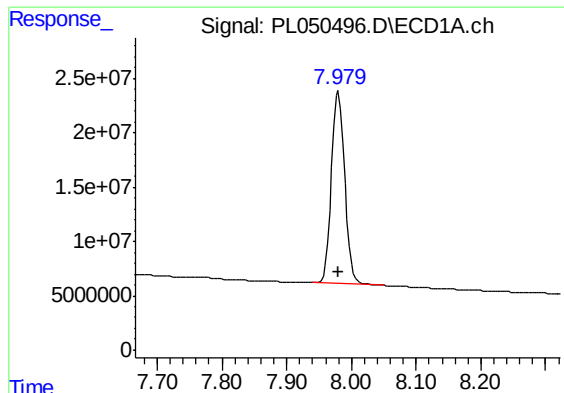
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 71611716
Conc: 140.99 ng/ml



#27 Chlordane-5

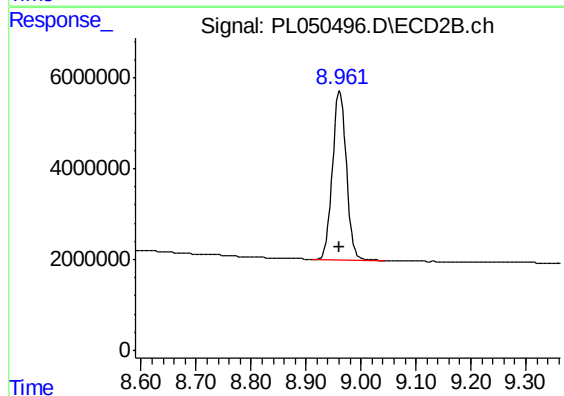
R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 250683249
Conc: 24.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019



#28 Decachlorobiphenyl

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 65484091
Conc: 23.16 ng/ml