

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072920\
 Data File : PL060329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2020 12:44
 Operator : DD\AJ
 Sample : L3460-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020RE

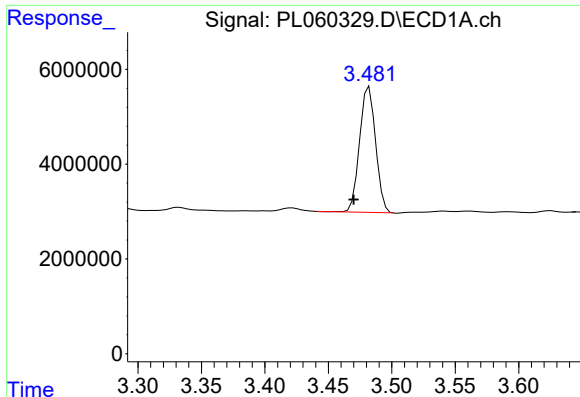
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 13:22:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 10 18:52:06 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.482	4.041	23263507	28609187	12.027	10.795
28)	SA Decachlor...	8.223	9.096	15850328	20138743	9.635	9.629
Target Compounds							
2)	A alpha-BHC	3.885f	4.400	938509	9210945	0.327	2.386 #
3)	MA gamma-BHC...	4.180	4.694	759504	1208101	0.308	0.333
4)	MA Heptachlor	4.472f	5.215f	894925	7408941	0.399	2.202 #
5)	MB Aldrin	4.760f	5.488f	340282	14385173	0.172	4.618 #
6)	B beta-BHC	4.440	0.000	3179957	0	3.114	N.D. #
8)	B Heptachlo...	5.195	5.885	2215054	6283031	1.207	2.333 #
9)	A Endosulfan I	5.506f	0.000	1870638	0	1.112	N.D. #
10)	B gamma-Chl...	5.420	6.133	20747535	37547092	11.437	13.112
11)	B alpha-Chl...	5.477	6.207	23427580	51026264	12.992	17.846 #
12)	B 4,4'-DDE	5.640	6.360	3794798	6943434	2.279	2.594
13)	MA Dieldrin	5.770	6.511	6831509	4610122	3.872	1.667 #
14)	MA Endrin	6.025	0.000	1514425	0	1.040	N.D. #
15)	B Endosulfa...	6.306	6.948	3819745	2589106	2.287	1.031 #
16)	A 4,4'-DDD	6.153	6.850	287556	5020716	0.188	2.187 #
17)	MA 4,4'-DDT	6.392	7.149	4345193	4656493	3.342	2.365 #
18)	B Endrin al...	6.478	0.000	452373	0	0.317	N.D. #
19)	B Endosulfa...	6.694f	7.291	3381034	4551587	2.057	1.946
20)	A Methoxychlor	6.919f	7.581f	191737	3704288	0.256	3.263 #
21)	B Endrin ke...	0.000	7.750	0	3399884	N.D.	1.316 #
22)	Mirex	7.373	0.000	440031	0	0.309	N.D. #
23)	Chlordane-1	4.323	5.027f	453079	4187583	7.395	43.123 #
24)	Chlordane-2	4.829	5.488	407686	14385173	6.439	125.552 #
25)	Chlordane-3	5.420	6.133	20747535	37547092	122.683	97.042
26)	Chlordane-4	5.477	6.207	23427580	51026264	167.916	110.232 #
27)	Chlordane-5	6.306	7.010	3819745	3636125	67.320	46.818 #

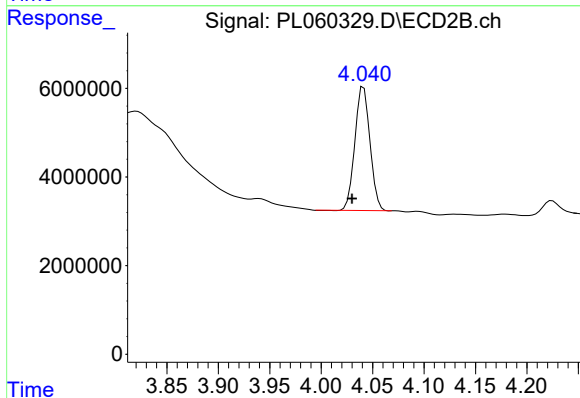
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

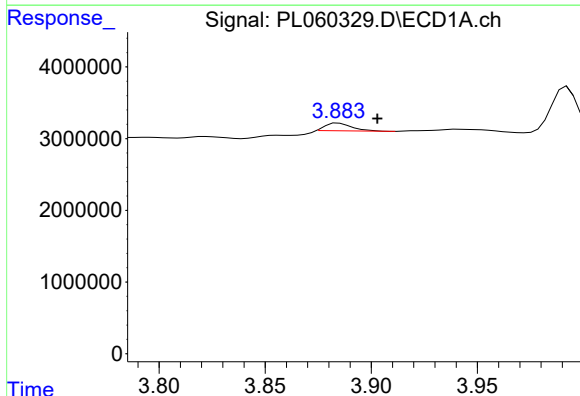
R.T.: 3.482 min
Delta R.T.: 0.012 min
Response: 23263507
Conc: 12.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



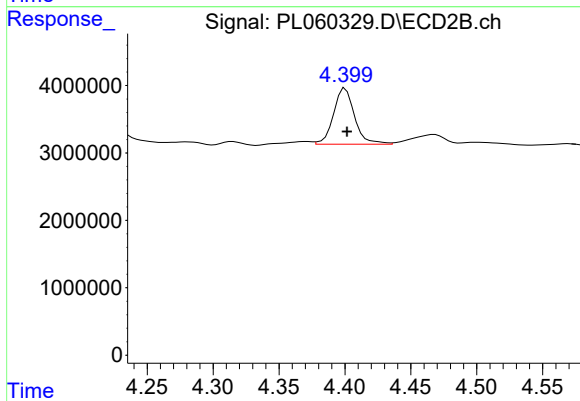
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: 0.011 min
Response: 28609187
Conc: 10.80 ng/ml



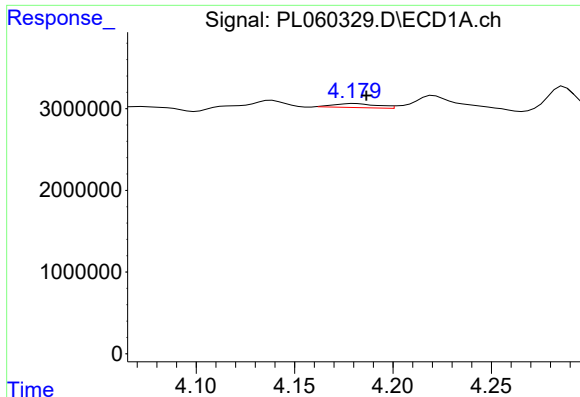
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: -0.018 min
Response: 938509
Conc: 0.33 ng/ml



#2 alpha-BHC

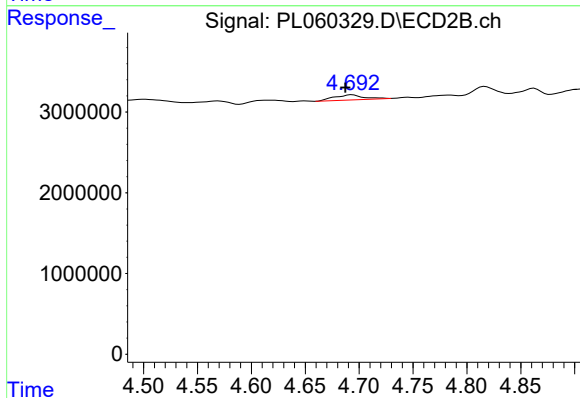
R.T.: 4.400 min
Delta R.T.: -0.001 min
Response: 9210945
Conc: 2.39 ng/ml



#3 gamma-BHC (Lindane)

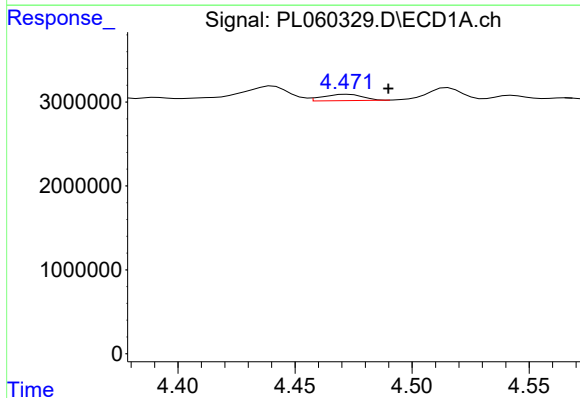
R.T.: 4.180 min
Delta R.T.: -0.006 min
Response: 759504
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



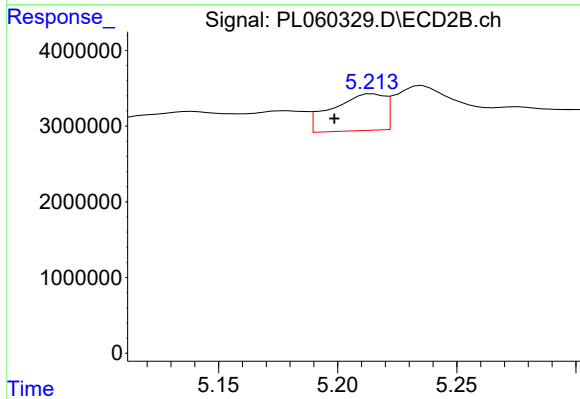
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.007 min
Response: 1208101
Conc: 0.33 ng/ml



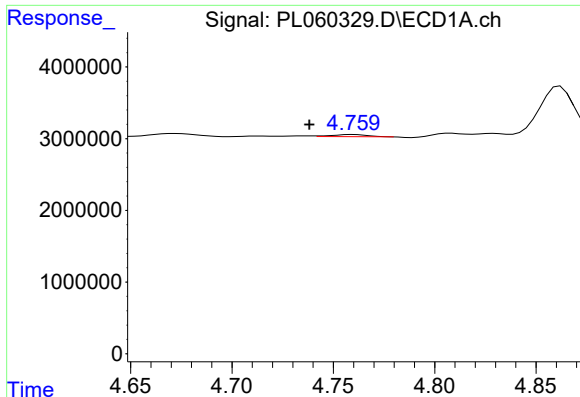
#4 Heptachlor

R.T.: 4.472 min
Delta R.T.: -0.017 min
Response: 894925
Conc: 0.40 ng/ml



#4 Heptachlor

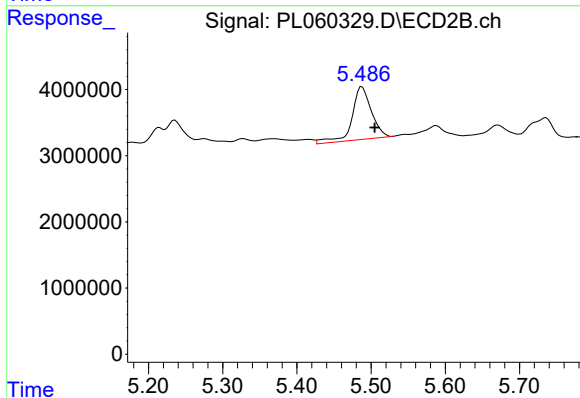
R.T.: 5.215 min
Delta R.T.: 0.016 min
Response: 7408941
Conc: 2.20 ng/ml



#5 Aldrin

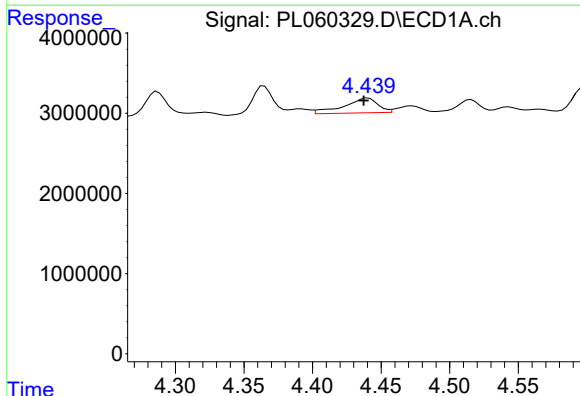
R.T.: 4.760 min
Delta R.T.: 0.022 min
Response: 340282
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



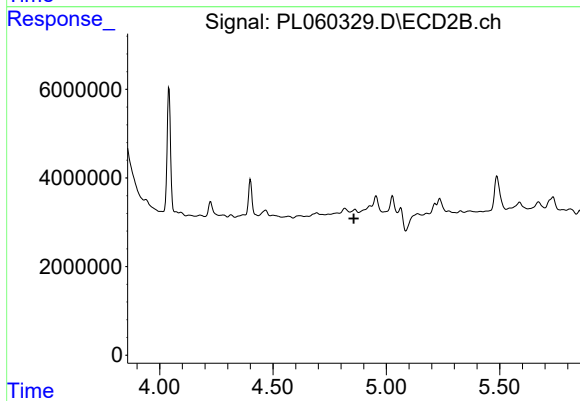
#5 Aldrin

R.T.: 5.488 min
Delta R.T.: -0.017 min
Response: 14385173
Conc: 4.62 ng/ml



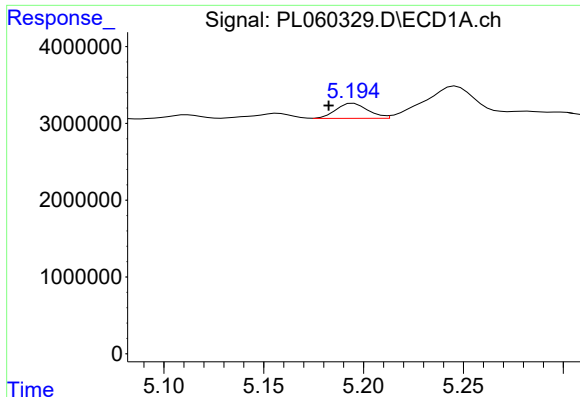
#6 beta-BHC

R.T.: 4.440 min
Delta R.T.: 0.003 min
Response: 3179957
Conc: 3.11 ng/ml



#6 beta-BHC

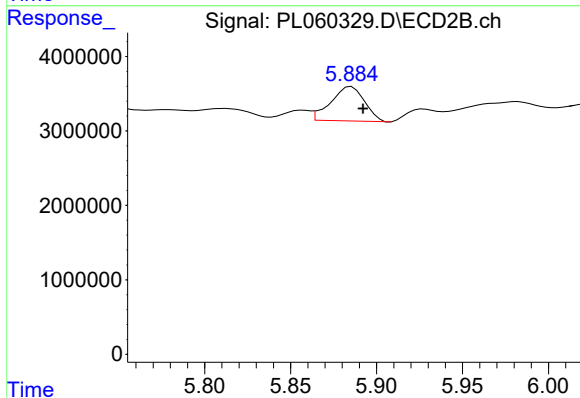
R.T.: 0.000 min
Exp R.T.: 4.857 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

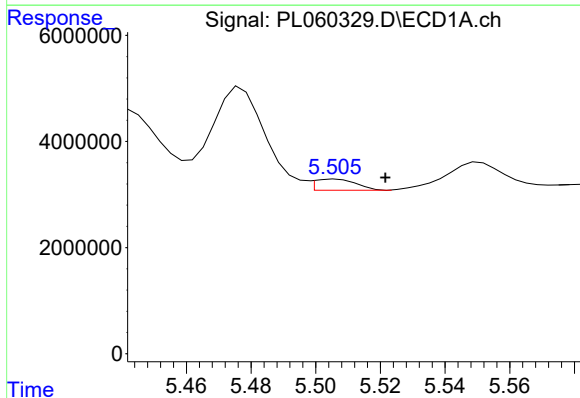
R.T.: 5.195 min
Delta R.T.: 0.013 min
Response: 2215054
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



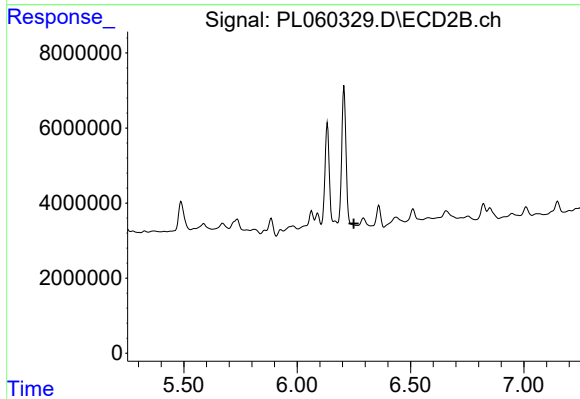
#8 Heptachlor epoxide

R.T.: 5.885 min
Delta R.T.: -0.007 min
Response: 6283031
Conc: 2.33 ng/ml



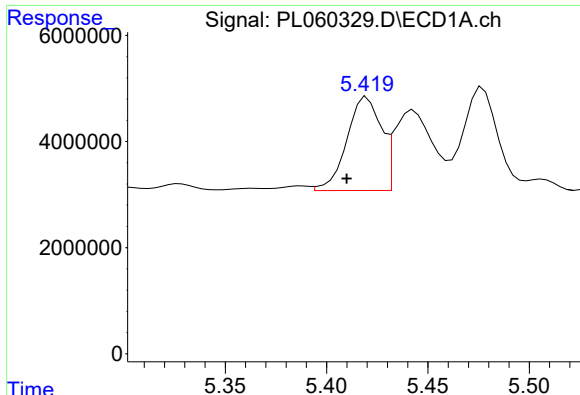
#9 Endosulfan I

R.T.: 5.506 min
Delta R.T.: -0.015 min
Response: 1870638
Conc: 1.11 ng/ml



#9 Endosulfan I

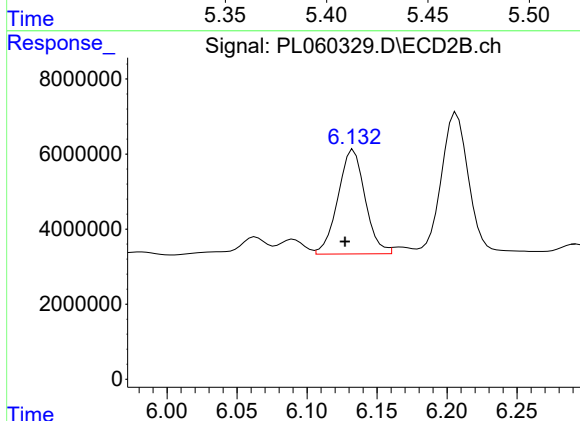
R.T.: 0.000 min
Exp R.T.: 6.250 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

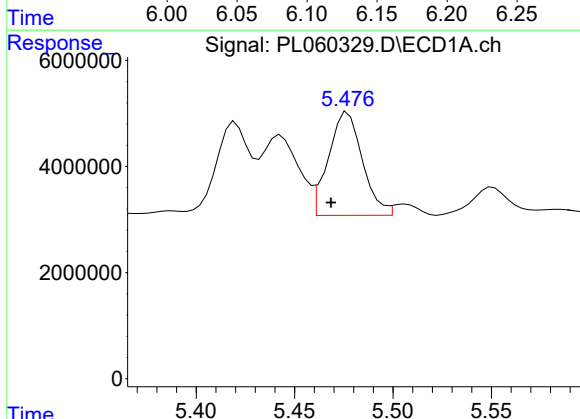
R.T.: 5.420 min
Delta R.T.: 0.010 min
Response: 20747535
Conc: 11.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



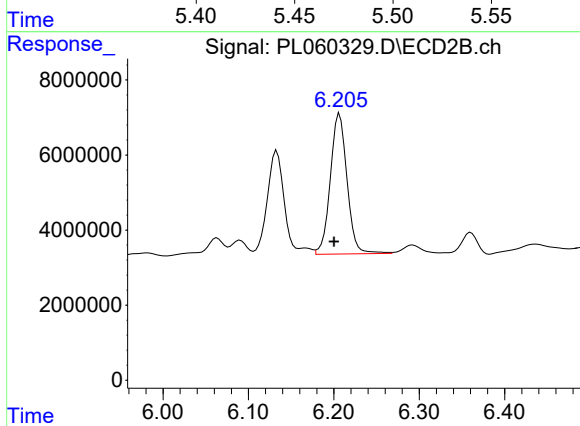
#10 gamma-Chlordane

R.T.: 6.133 min
Delta R.T.: 0.006 min
Response: 37547092
Conc: 13.11 ng/ml



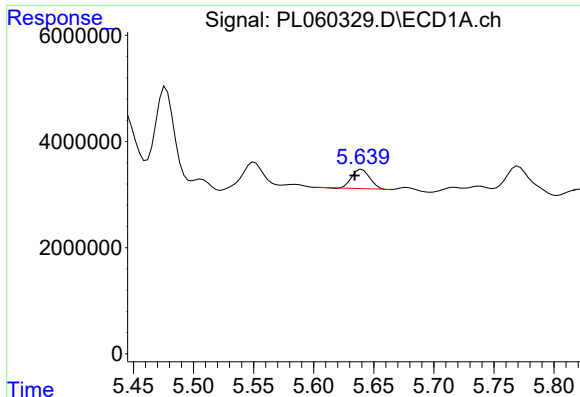
#11 alpha-Chlordane

R.T.: 5.477 min
Delta R.T.: 0.009 min
Response: 23427580
Conc: 12.99 ng/ml



#11 alpha-Chlordane

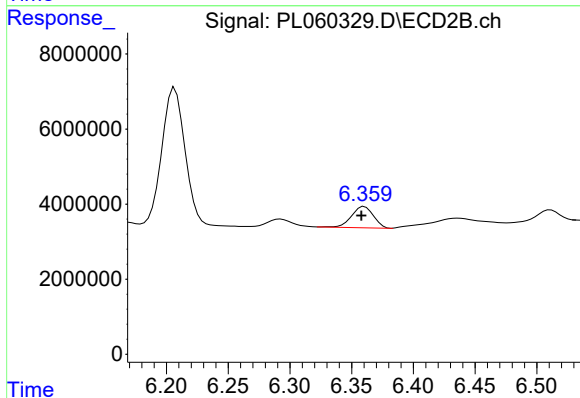
R.T.: 6.207 min
Delta R.T.: 0.006 min
Response: 51026264
Conc: 17.85 ng/ml



#12 4,4'-DDE

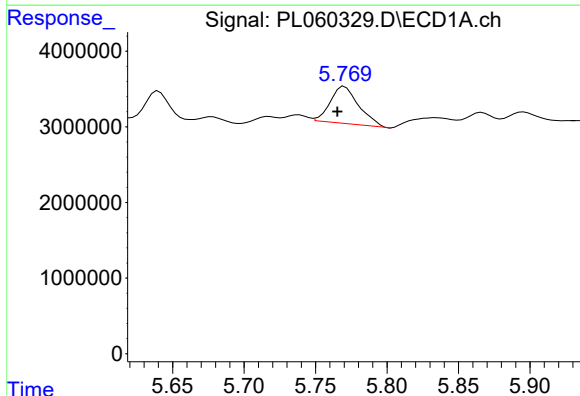
R.T.: 5.640 min
Delta R.T.: 0.006 min
Response: 3794798
Conc: 2.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



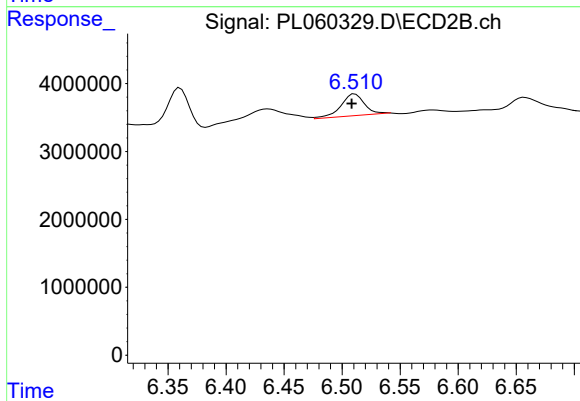
#12 4,4'-DDE

R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 6943434
Conc: 2.59 ng/ml



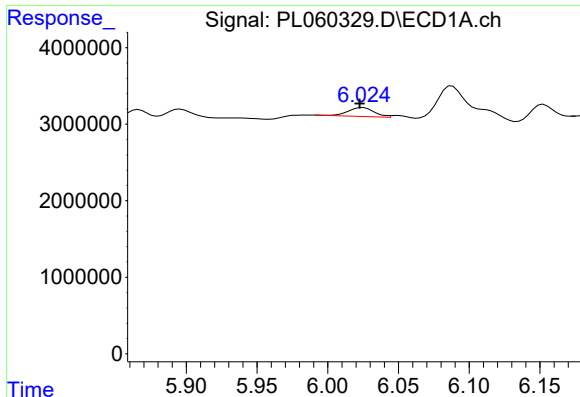
#13 Dieldrin

R.T.: 5.770 min
Delta R.T.: 0.005 min
Response: 6831509
Conc: 3.87 ng/ml



#13 Dieldrin

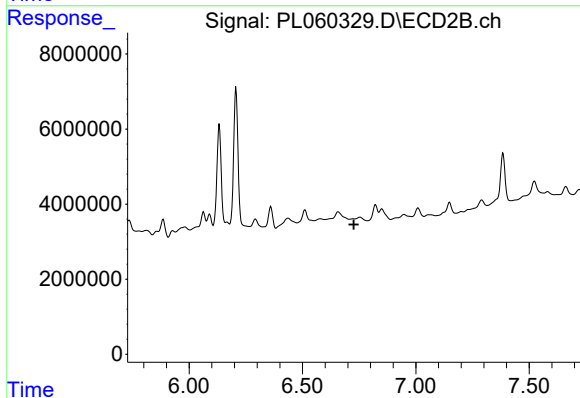
R.T.: 6.511 min
Delta R.T.: 0.003 min
Response: 4610122
Conc: 1.67 ng/ml



#14 Endrin

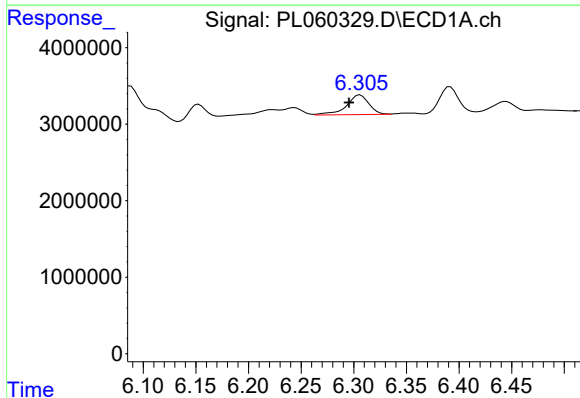
R.T.: 6.025 min
Delta R.T.: 0.003 min
Response: 1514425
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



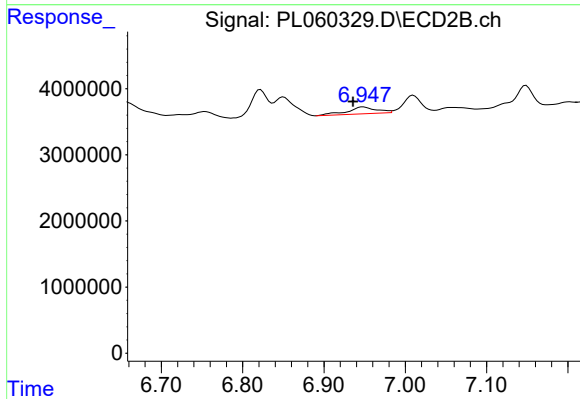
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.727 min
Response: 0
Conc: N.D.



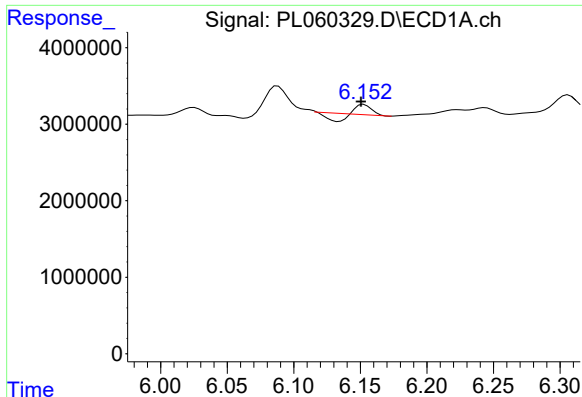
#15 Endosulfan II

R.T.: 6.306 min
Delta R.T.: 0.010 min
Response: 3819745
Conc: 2.29 ng/ml



#15 Endosulfan II

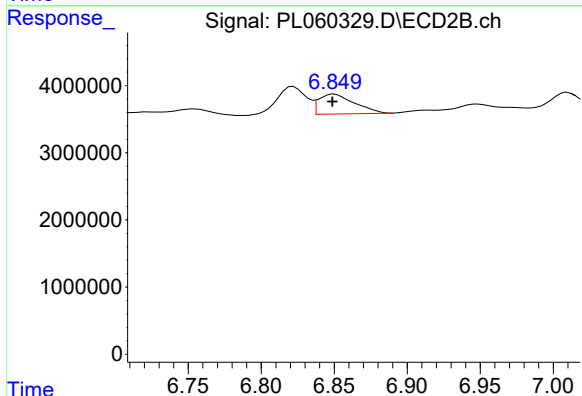
R.T.: 6.948 min
Delta R.T.: 0.013 min
Response: 2589106
Conc: 1.03 ng/ml



#16 4,4'-DDD

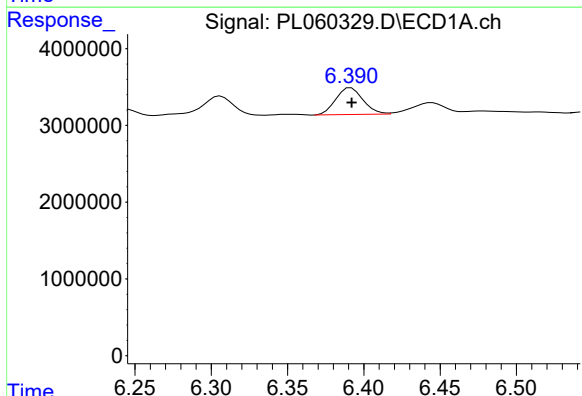
R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 287556
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



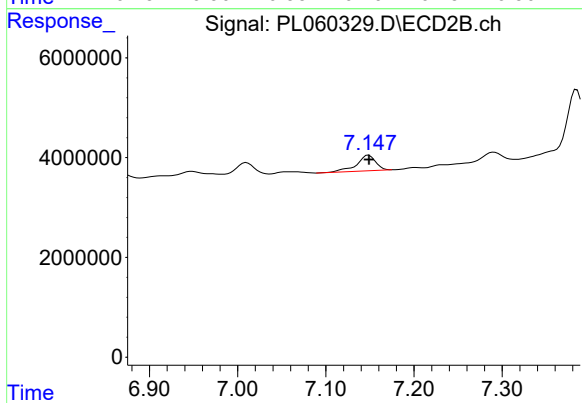
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.001 min
Response: 5020716
Conc: 2.19 ng/ml



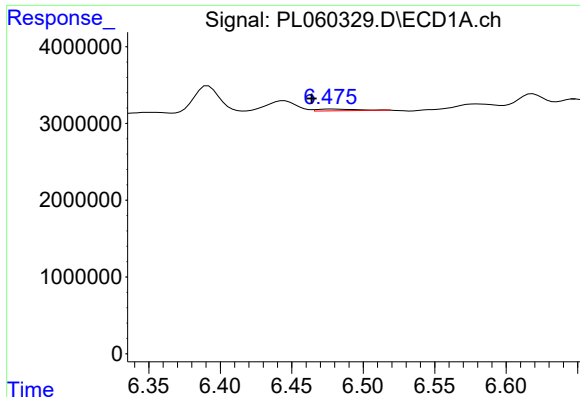
#17 4,4'-DDT

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 4345193
Conc: 3.34 ng/ml



#17 4,4'-DDT

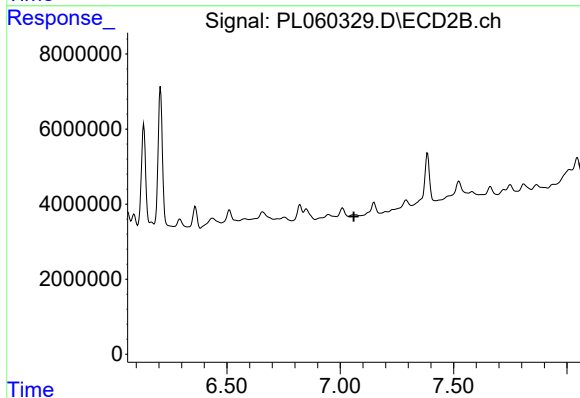
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 4656493
Conc: 2.36 ng/ml



#18 Endrin aldehyde

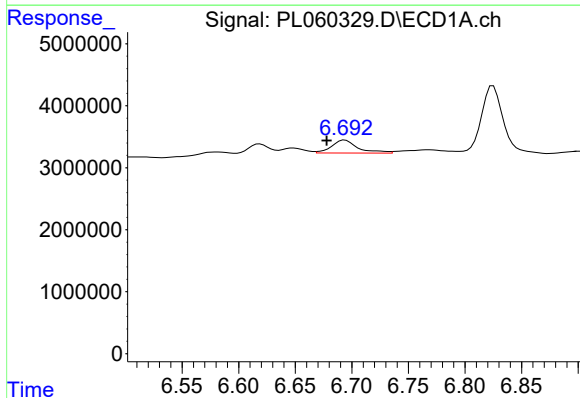
R.T.: 6.478 min
Delta R.T.: 0.014 min
Response: 452373
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



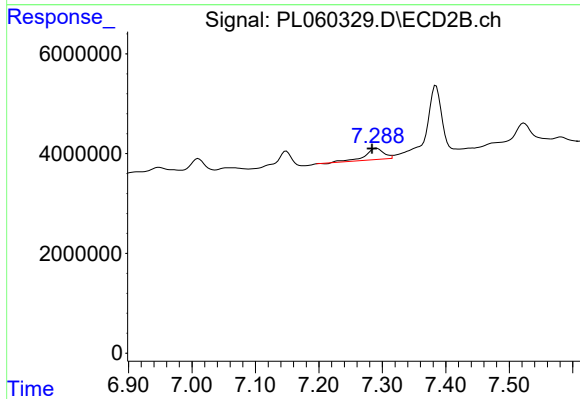
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.



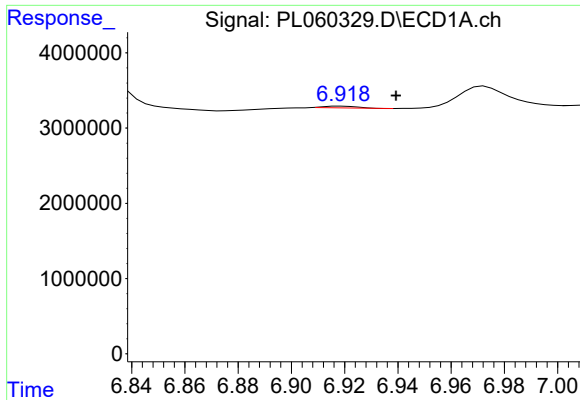
#19 Endosulfan Sulfate

R.T.: 6.694 min
Delta R.T.: 0.016 min
Response: 3381034
Conc: 2.06 ng/ml



#19 Endosulfan Sulfate

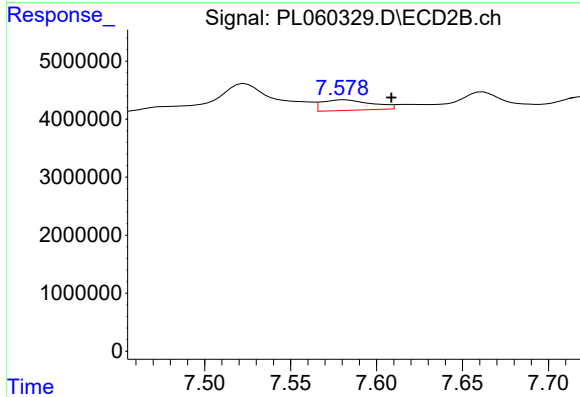
R.T.: 7.291 min
Delta R.T.: 0.007 min
Response: 4551587
Conc: 1.95 ng/ml



#20 Methoxychlor

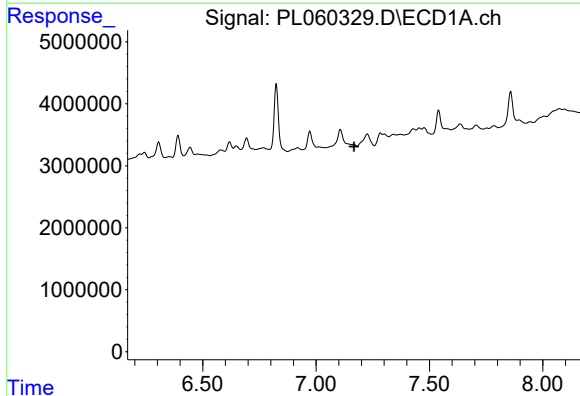
R.T.: 6.919 min
Delta R.T.: -0.020 min
Response: 191737
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



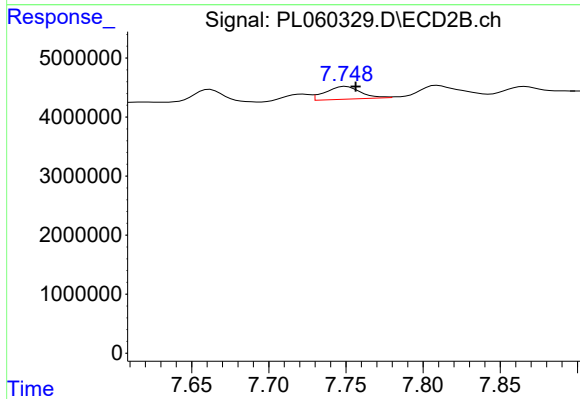
#20 Methoxychlor

R.T.: 7.581 min
Delta R.T.: -0.027 min
Response: 3704288
Conc: 3.26 ng/ml



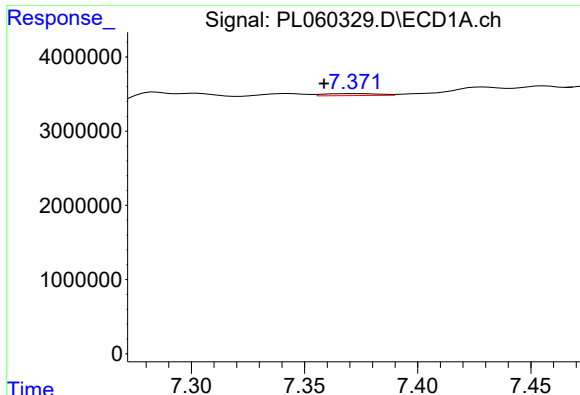
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.168 min
Response: 0
Conc: N.D.



#21 Endrin ketone

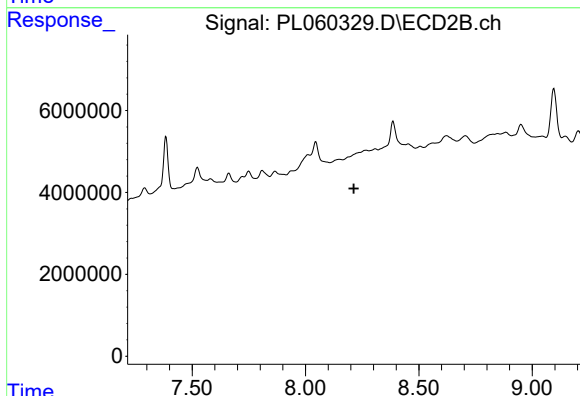
R.T.: 7.750 min
Delta R.T.: -0.007 min
Response: 3399884
Conc: 1.32 ng/ml



#22 Mirex

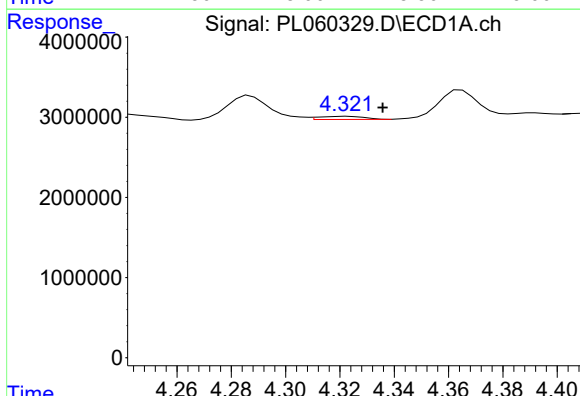
R.T.: 7.373 min
Delta R.T.: 0.014 min
Response: 440031
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



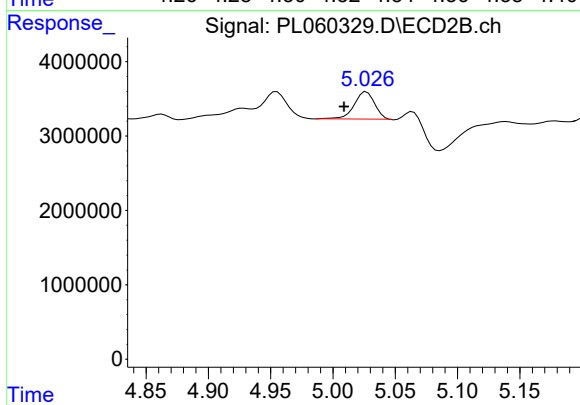
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.213 min
Response: 0
Conc: N.D.



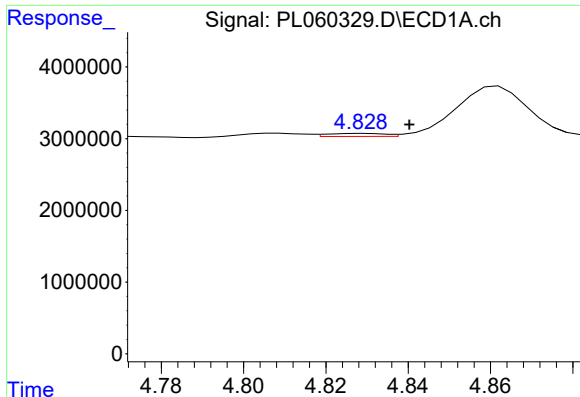
#23 Chlordane-1

R.T.: 4.323 min
Delta R.T.: -0.013 min
Response: 453079
Conc: 7.40 ng/ml



#23 Chlordane-1

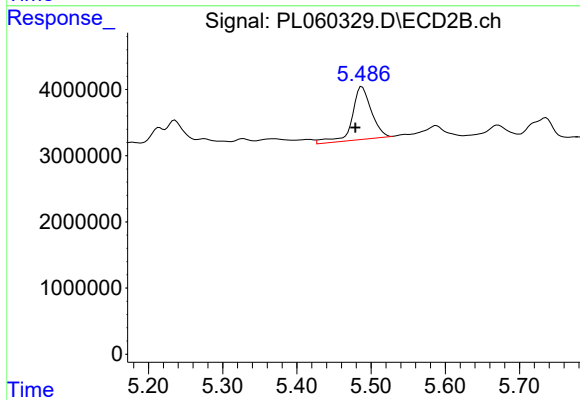
R.T.: 5.027 min
Delta R.T.: 0.018 min
Response: 4187583
Conc: 43.12 ng/ml



#24 Chlordane-2

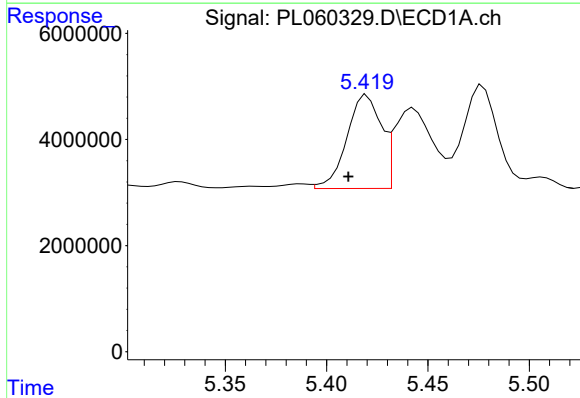
R.T.: 4.829 min
Delta R.T.: -0.011 min
Response: 407686
Conc: 6.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



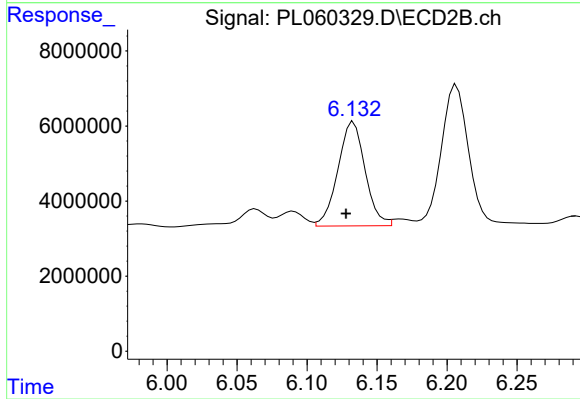
#24 Chlordane-2

R.T.: 5.488 min
Delta R.T.: 0.009 min
Response: 14385173
Conc: 125.55 ng/ml



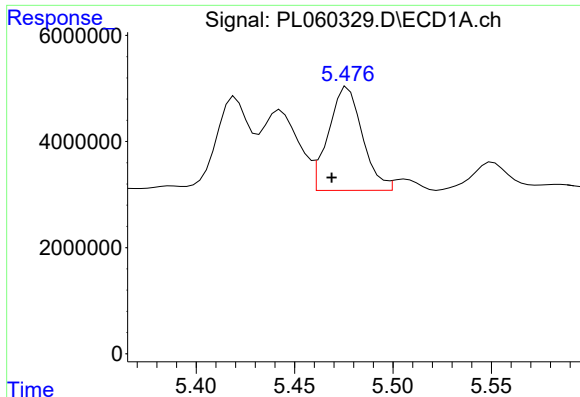
#25 Chlordane-3

R.T.: 5.420 min
Delta R.T.: 0.009 min
Response: 20747535
Conc: 122.68 ng/ml



#25 Chlordane-3

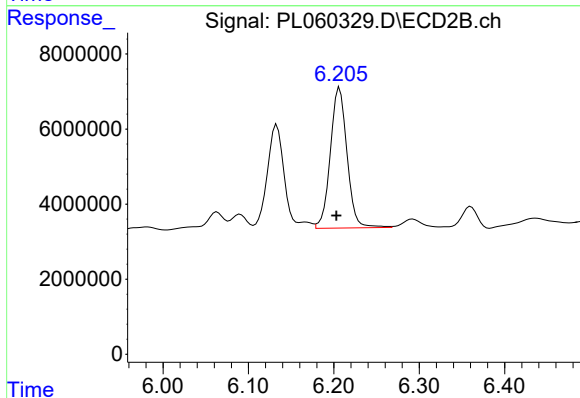
R.T.: 6.133 min
Delta R.T.: 0.005 min
Response: 37547092
Conc: 97.04 ng/ml



#26 Chlordane-4

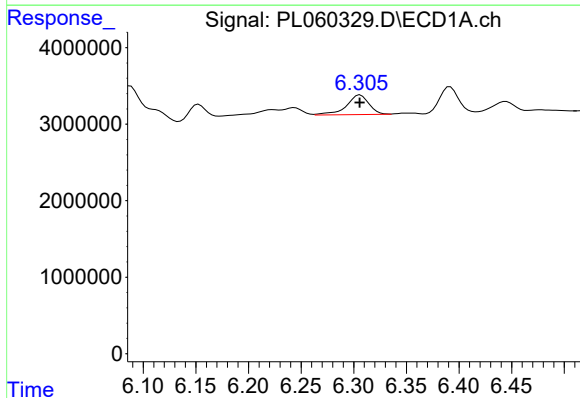
R.T.: 5.477 min
Delta R.T.: 0.008 min
Response: 23427580
Conc: 167.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



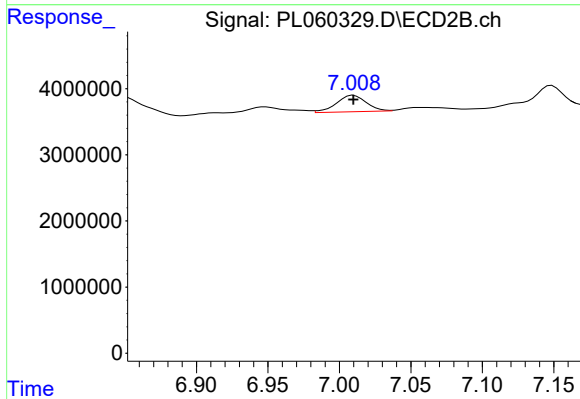
#26 Chlordane-4

R.T.: 6.207 min
Delta R.T.: 0.004 min
Response: 51026264
Conc: 110.23 ng/ml



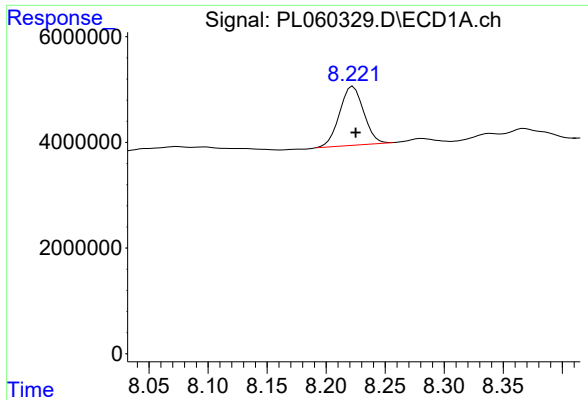
#27 Chlordane-5

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 3819745
Conc: 67.32 ng/ml



#27 Chlordane-5

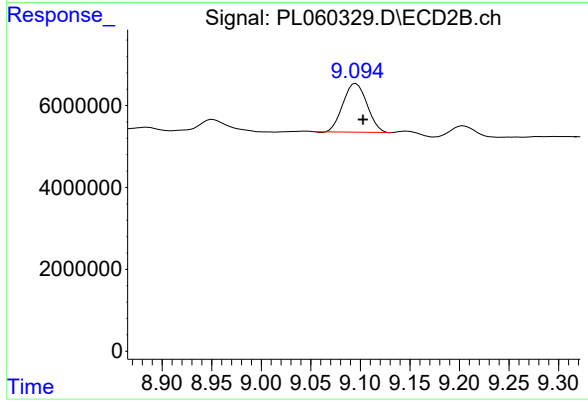
R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 3636125
Conc: 46.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.223 min
Delta R.T.: -0.002 min
Response: 15850328
Conc: 9.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020RE



#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: -0.007 min
Response: 20138743
Conc: 9.63 ng/ml