

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022719\
 Data File : PL045171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2019 18:55
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : PEST LOQ 10 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 04:48:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.364	3.982	132.6E6	41978432	19.279	19.602
28)	SA Decachlor...	8.048	9.040	176.0E6	49073204	21.033	21.477
Target Compounds							
2)	A alpha-BHC	3.794	4.372	94006515	25878161	8.463	8.516
3)	MA gamma-BHC...	4.071	4.657	86758550	25133731	8.584	8.898
4)	MA Heptachlor	4.360	5.164	95666508	29210802	9.066	9.819
5)	MB Aldrin	4.600	5.468	83228751	25004064	8.557	9.257
6)	B beta-BHC	4.324	4.829	41238272	12318900	9.621	9.700
7)	B delta-BHC	4.521	5.045	80057904	18929181	8.376	8.801
8)	B Heptachlo...	5.038	5.854	86669108	24377302	9.286	10.149
9)	A Endosulfan I	5.370	6.211	82002298	24606578	9.174	9.881
10)	B gamma-Chl...	5.261	6.088	88010525	26263689	8.993	9.789
11)	B alpha-Chl...	5.318	6.161	88647856	26733071	9.142	9.910
12)	B 4,4'-DDE	5.485	6.319	73443269	21333377	8.367	9.133
13)	MA Dieldrin	5.610	6.467	83115956	24311496	8.696	9.461
14)	MA Endrin	5.863	6.685	80302781	21109970	8.917	9.278
15)	B Endosulfa...	6.138	6.895	80964332	24354797	9.340	10.357
16)	A 4,4'-DDD	5.997	6.809	63323794	18747156	8.649	9.748
17)	MA 4,4'-DDT	6.232	7.107	59460284	17894179	7.928	9.067
18)	B Endrin al...	6.305	7.019	70401933	21105215	9.631	10.324
19)	B Endosulfa...	6.516	7.241	79026311	23416017	9.723	10.409
20)	A Methoxychlor	6.777	7.565	41646745	12340851	9.483	10.054
21)	B Endrin ke...	7.000	7.711	87107596	23868185	9.455	10.035
22)	Mirex	7.178	8.165	79263440	22329636	10.654	11.211
24)	Chlordane-2	0.000	5.468f	0	25004064	N.D.	206.936 #
25)	Chlordane-3	5.261	6.088	88010525	26263689	76.730	67.407
26)	Chlordane-4	5.318	6.161	88647856	26733071	83.626	57.143 #
27)	Chlordane-5	6.138	0.000	80964332	0	234.444	N.D. #

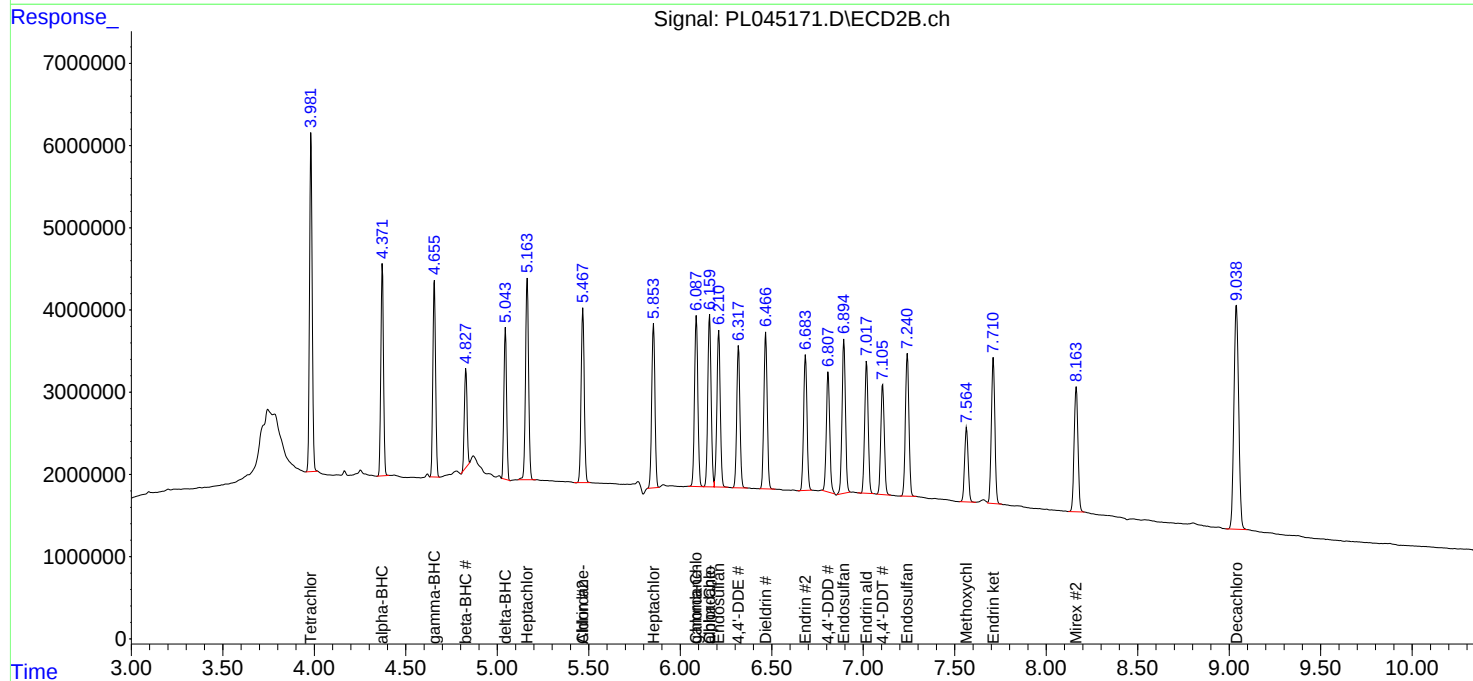
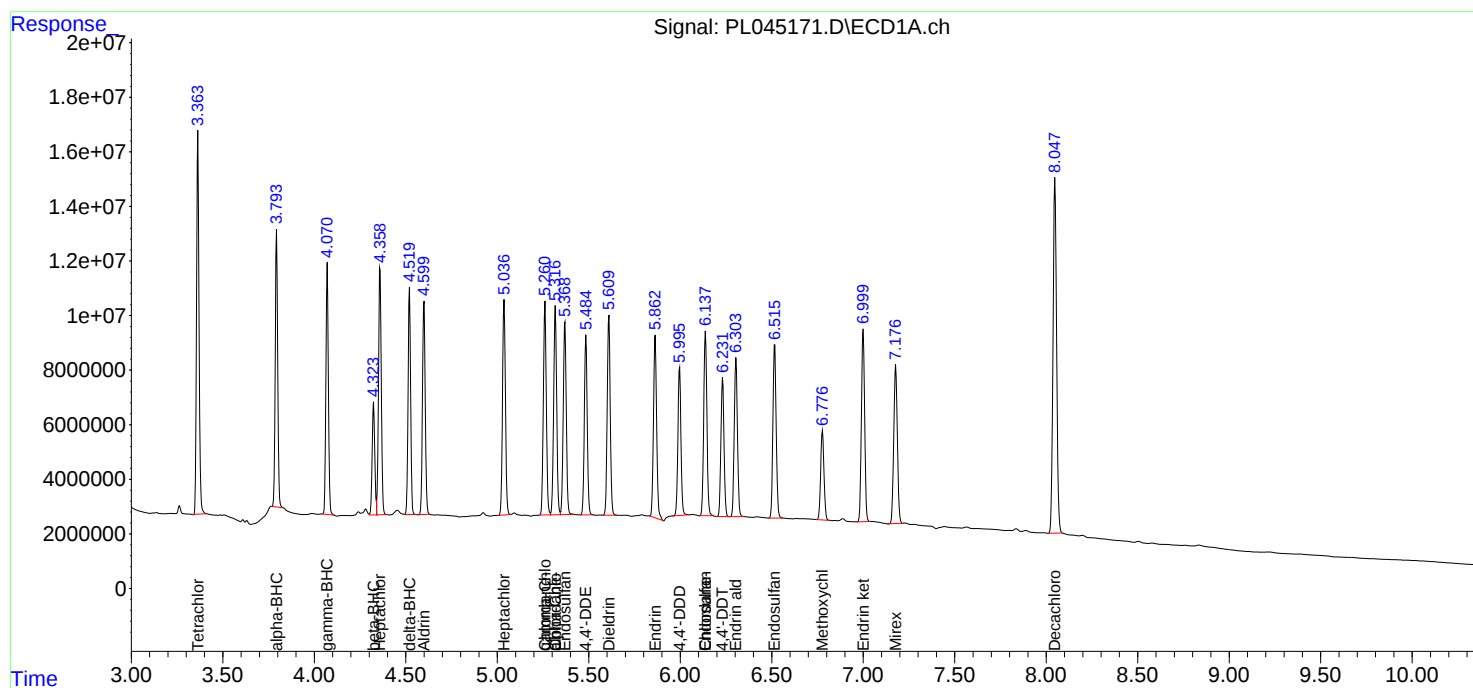
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

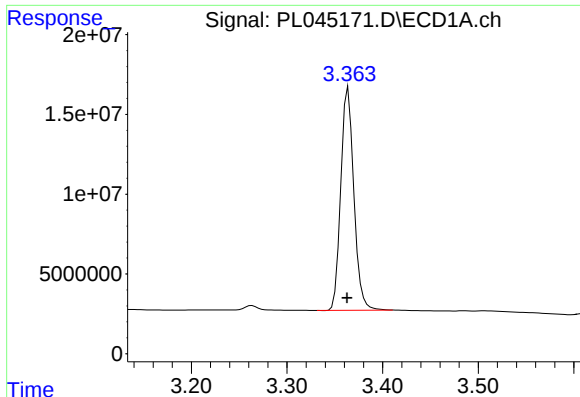
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022719\
Data File : PL045171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2019 18:55
Operator : AJ\SJ
Sample : K1560-02
Misc : PEST LOQ 10 PPB
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 04:48:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

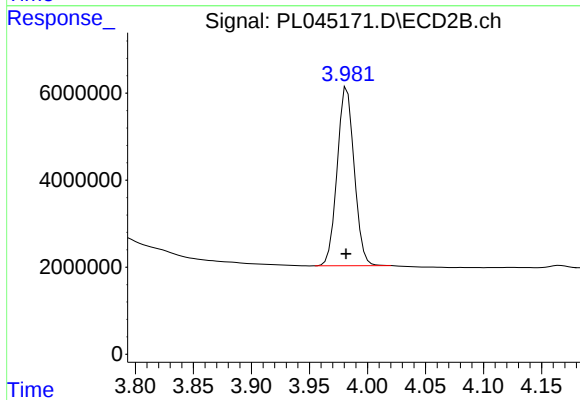




#1 Tetrachloro-m-xylene

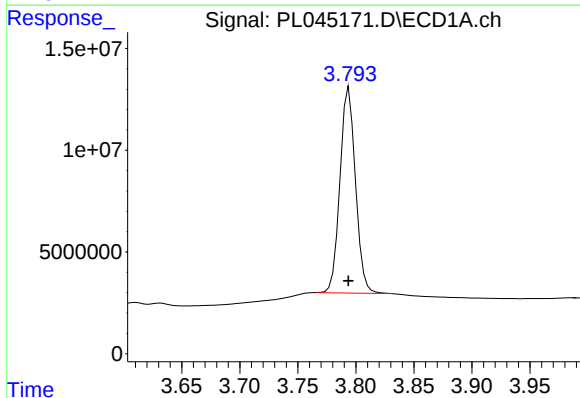
R.T.: 3.364 min
Delta R.T.: 0.001 min
Response: 132625627
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



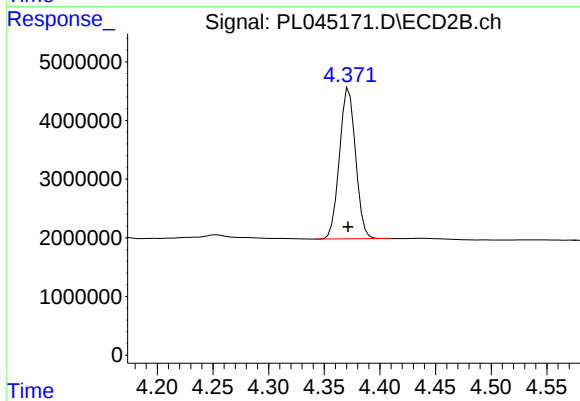
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 41978432
Conc: 19.60 ng/ml



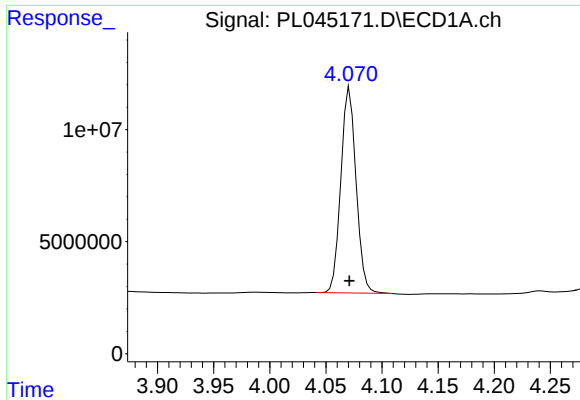
#2 alpha-BHC

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 94006515
Conc: 8.46 ng/ml



#2 alpha-BHC

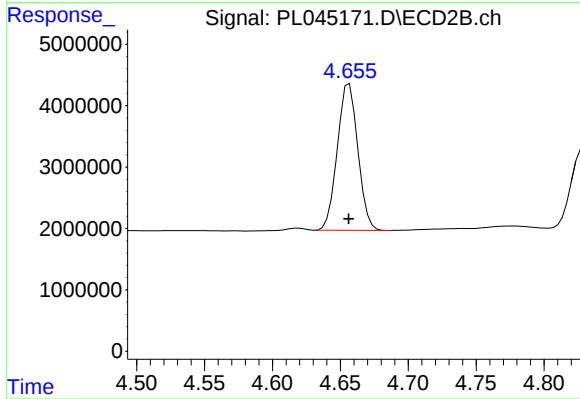
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 25878161
Conc: 8.52 ng/ml



#3 gamma-BHC (Lindane)

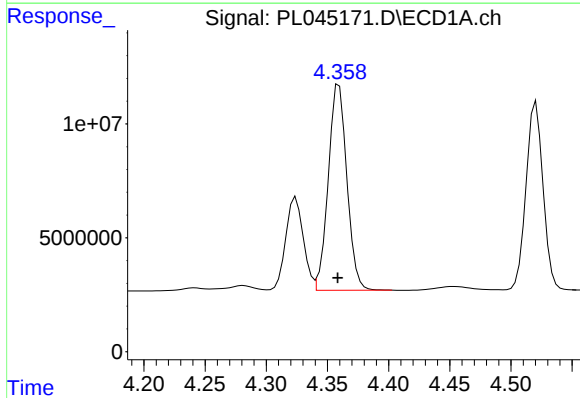
R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 86758550
Conc: 8.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



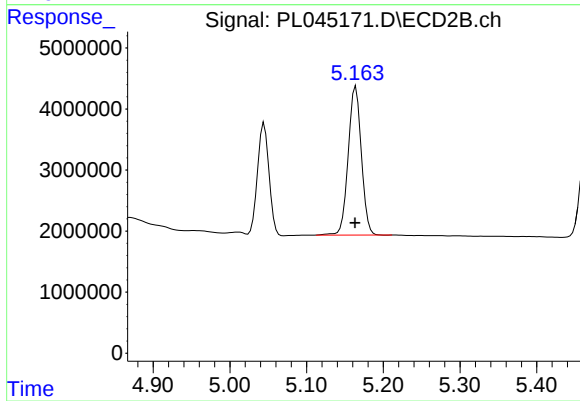
#3 gamma-BHC (Lindane)

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 25133731
Conc: 8.90 ng/ml



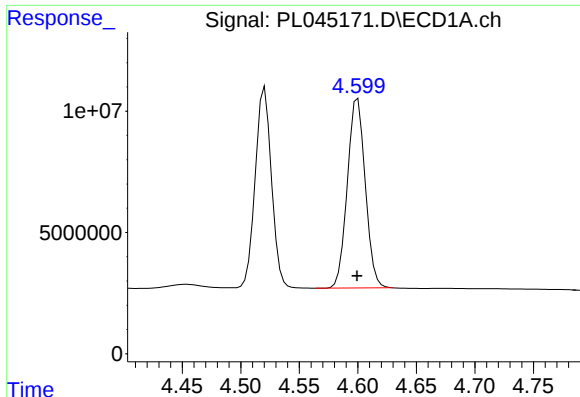
#4 Heptachlor

R.T.: 4.360 min
Delta R.T.: 0.001 min
Response: 95666508
Conc: 9.07 ng/ml



#4 Heptachlor

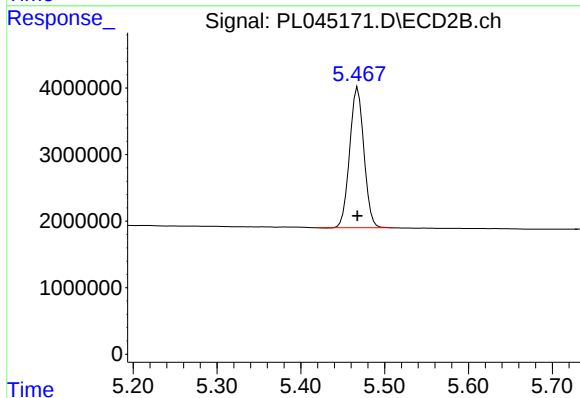
R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 29210802
Conc: 9.82 ng/ml



#5 Aldrin

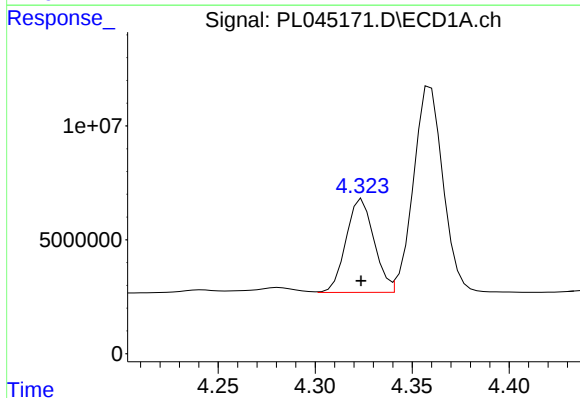
R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 83228751
Conc: 8.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



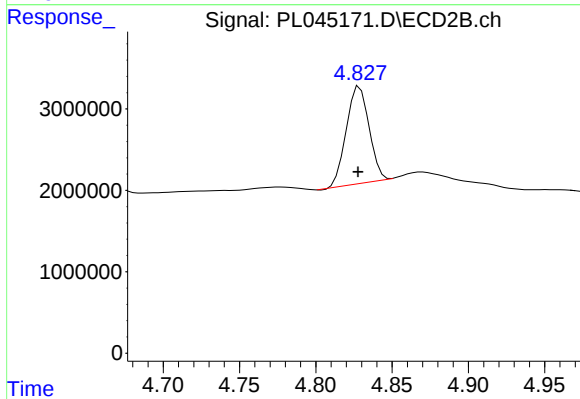
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 25004064
Conc: 9.26 ng/ml



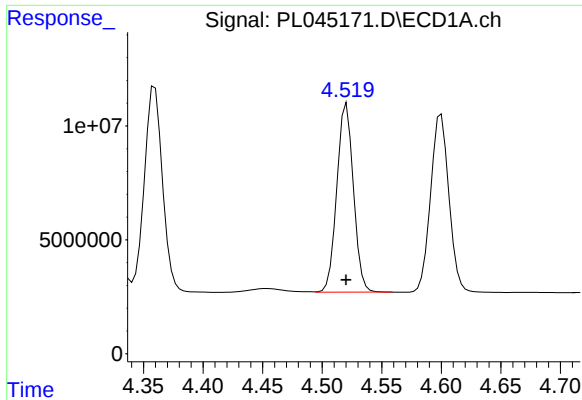
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 41238272
Conc: 9.62 ng/ml



#6 beta-BHC

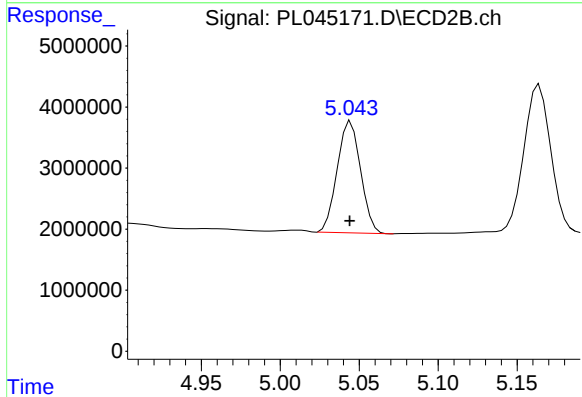
R.T.: 4.829 min
Delta R.T.: 0.001 min
Response: 12318900
Conc: 9.70 ng/ml



#7 delta-BHC

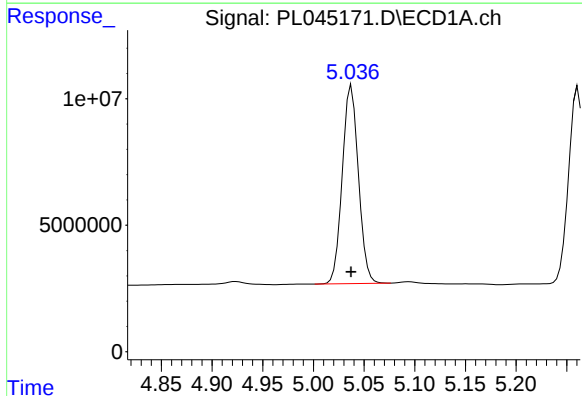
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 80057904
Conc: 8.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



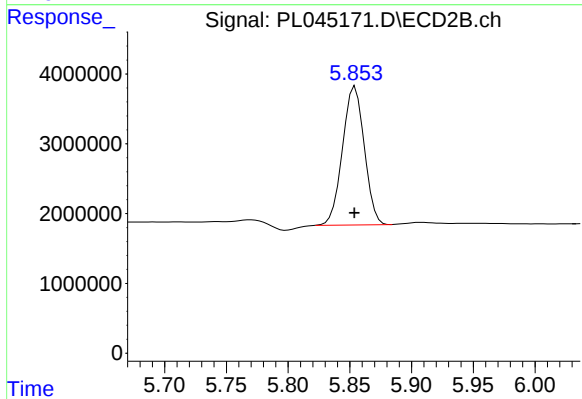
#7 delta-BHC

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 18929181
Conc: 8.80 ng/ml



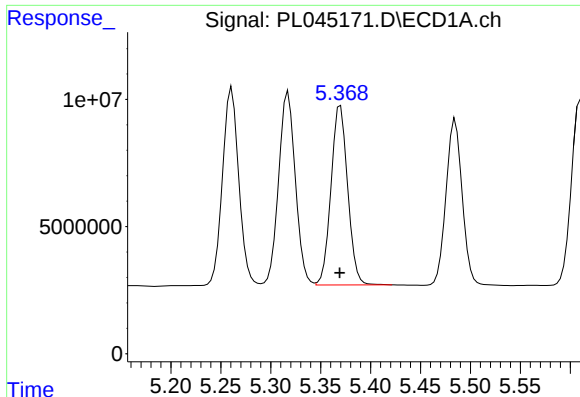
#8 Heptachlor epoxide

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 86669108
Conc: 9.29 ng/ml



#8 Heptachlor epoxide

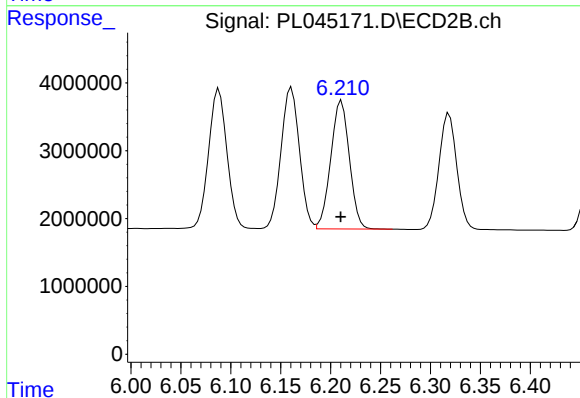
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 24377302
Conc: 10.15 ng/ml



#9 Endosulfan I

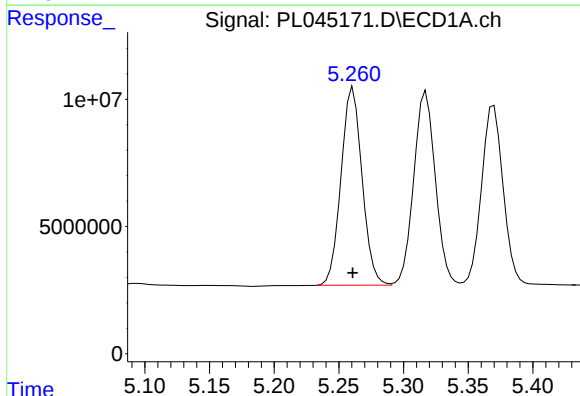
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 82002298
Conc: 9.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



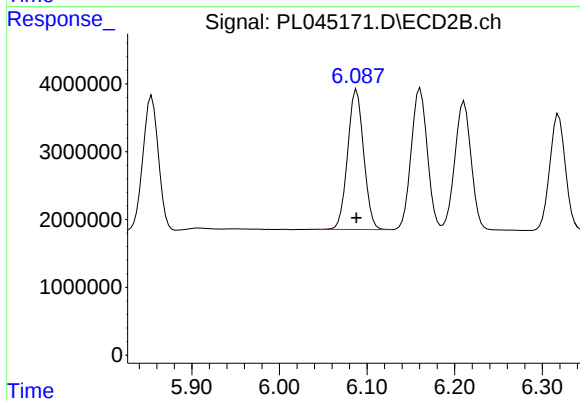
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.001 min
Response: 24606578
Conc: 9.88 ng/ml



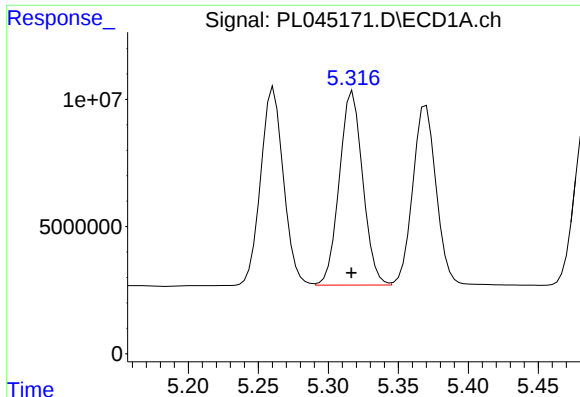
#10 gamma-Chlordane

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 88010525
Conc: 8.99 ng/ml



#10 gamma-Chlordane

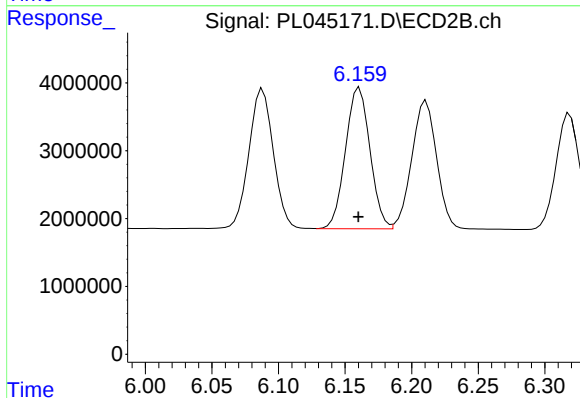
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 26263689
Conc: 9.79 ng/ml



#11 alpha-Chlordane

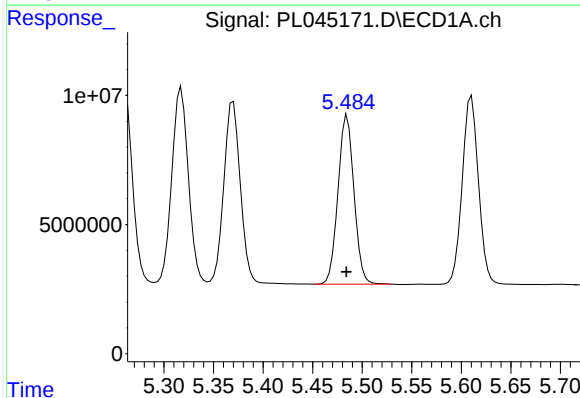
R.T.: 5.318 min
Delta R.T.: 0.001 min
Response: 88647856
Conc: 9.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



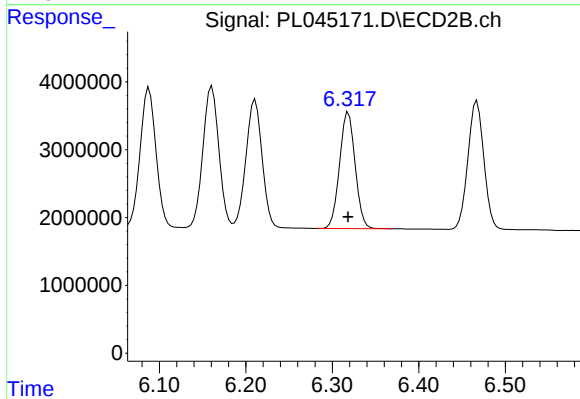
#11 alpha-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 26733071
Conc: 9.91 ng/ml



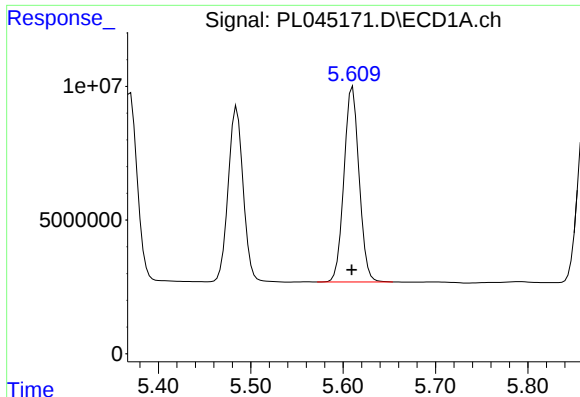
#12 4,4'-DDE

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 73443269
Conc: 8.37 ng/ml



#12 4,4'-DDE

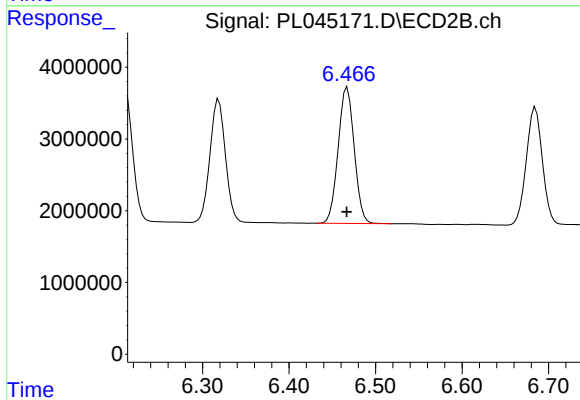
R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 21333377
Conc: 9.13 ng/ml



#13 Dieldrin

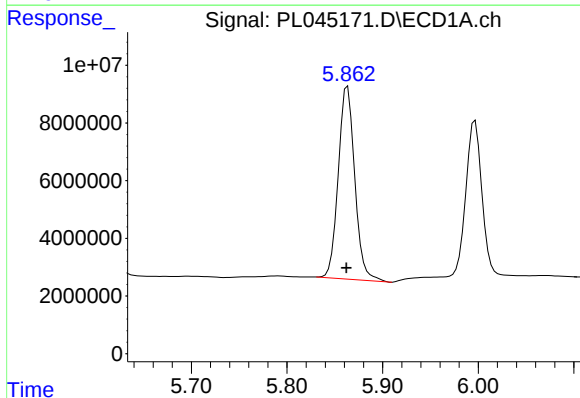
R.T.: 5.610 min
Delta R.T.: 0.001 min
Response: 83115956
Conc: 8.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



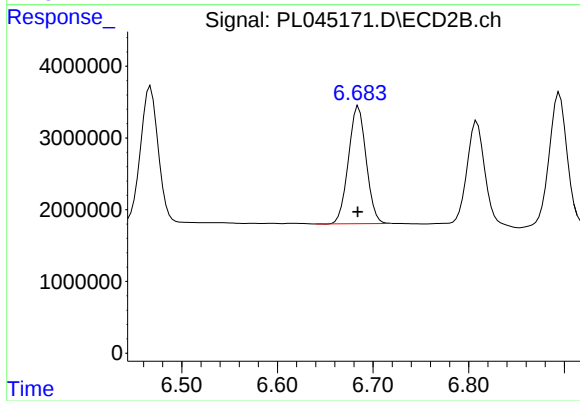
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 24311496
Conc: 9.46 ng/ml



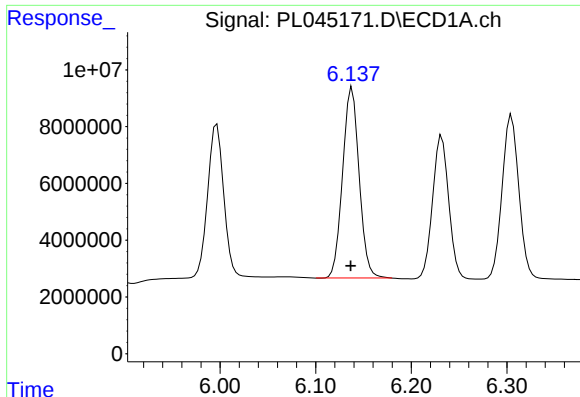
#14 Endrin

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 80302781
Conc: 8.92 ng/ml



#14 Endrin

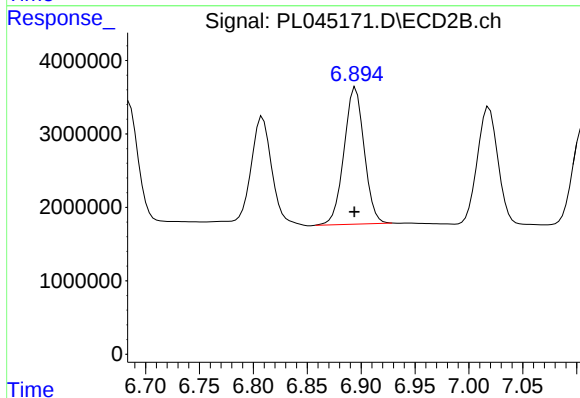
R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 21109970
Conc: 9.28 ng/ml



#15 Endosulfan II

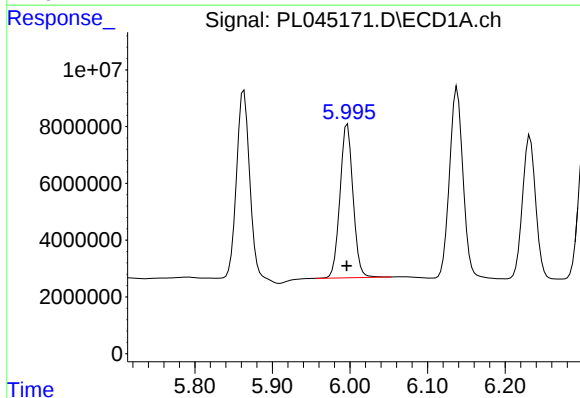
R.T.: 6.138 min
Delta R.T.: 0.001 min
Response: 80964332
Conc: 9.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



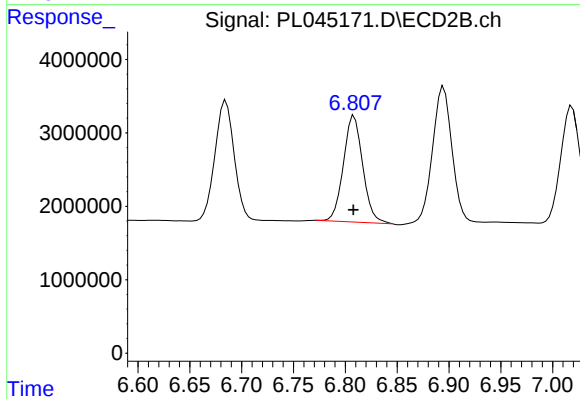
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.001 min
Response: 24354797
Conc: 10.36 ng/ml



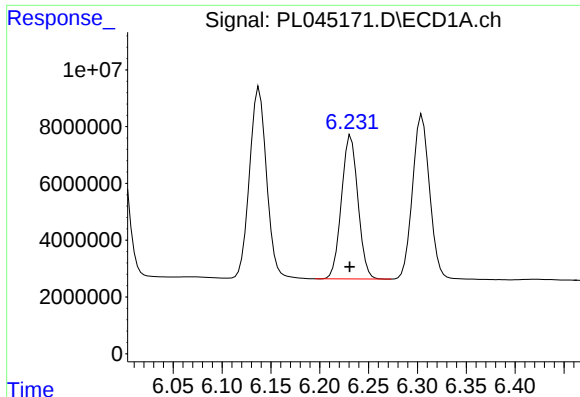
#16 4,4'-DDD

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 63323794
Conc: 8.65 ng/ml



#16 4,4'-DDD

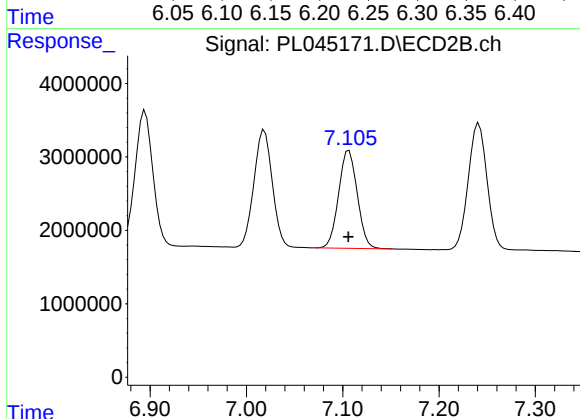
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 18747156
Conc: 9.75 ng/ml



#17 4,4'-DDT

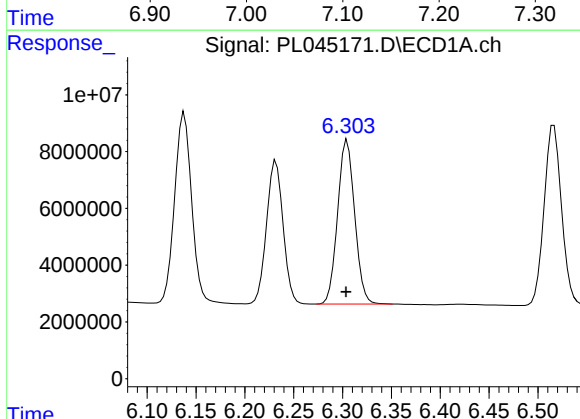
R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 59460284
Conc: 7.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



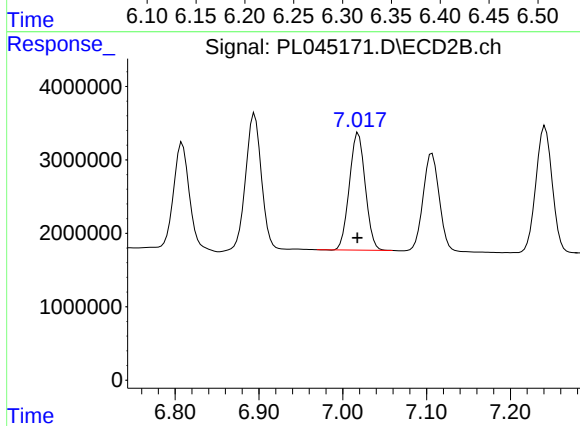
#17 4,4'-DDT

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 17894179
Conc: 9.07 ng/ml



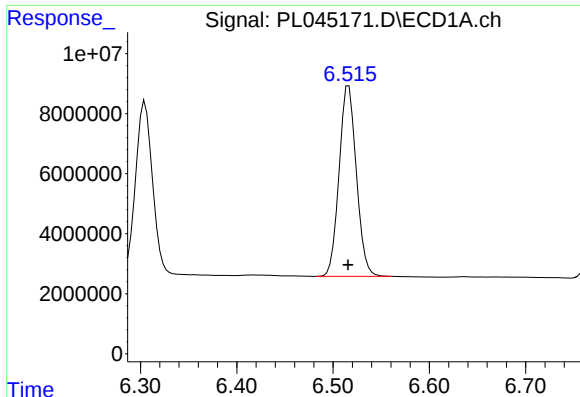
#18 Endrin aldehyde

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 70401933
Conc: 9.63 ng/ml



#18 Endrin aldehyde

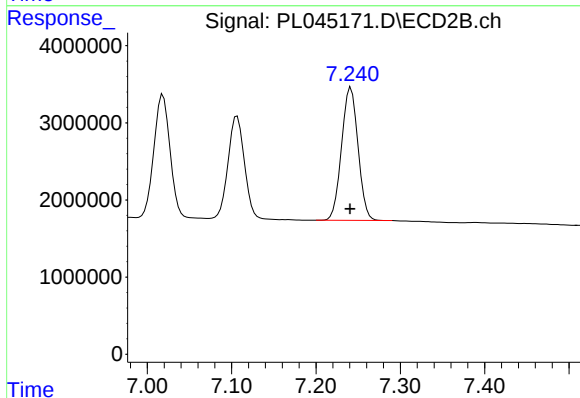
R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 21105215
Conc: 10.32 ng/ml



#19 Endosulfan Sulfate

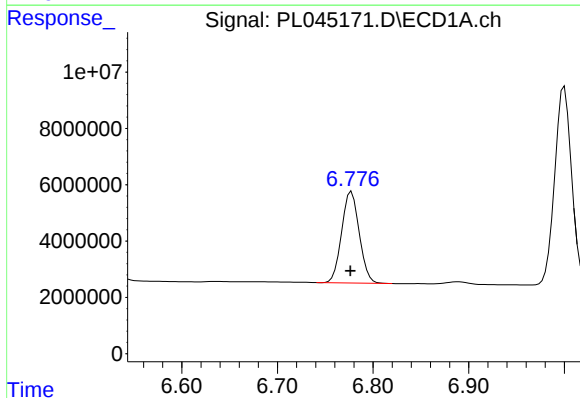
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 79026311
Conc: 9.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



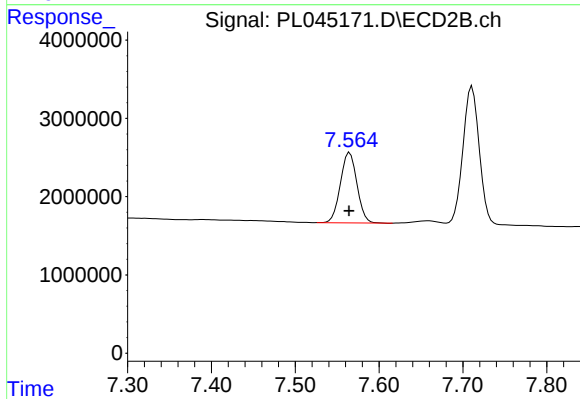
#19 Endosulfan Sulfate

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 23416017
Conc: 10.41 ng/ml



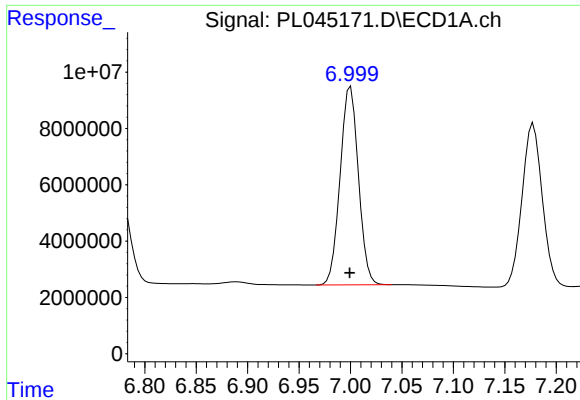
#20 Methoxychlor

R.T.: 6.777 min
Delta R.T.: 0.001 min
Response: 41646745
Conc: 9.48 ng/ml



#20 Methoxychlor

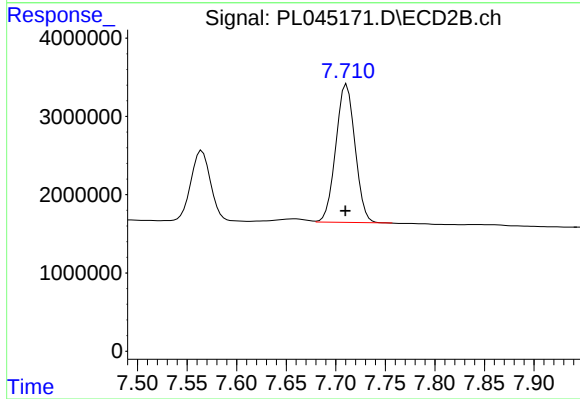
R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 12340851
Conc: 10.05 ng/ml



#21 Endrin ketone

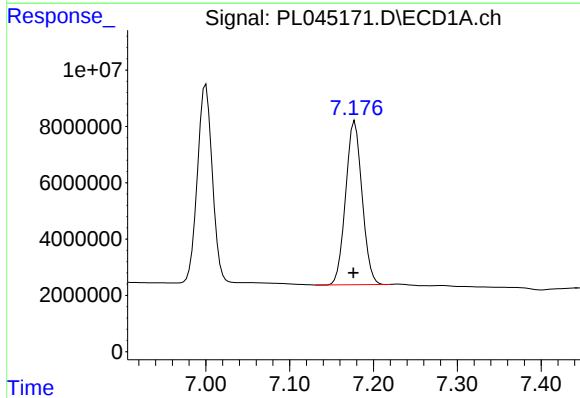
R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 87107596
Conc: 9.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



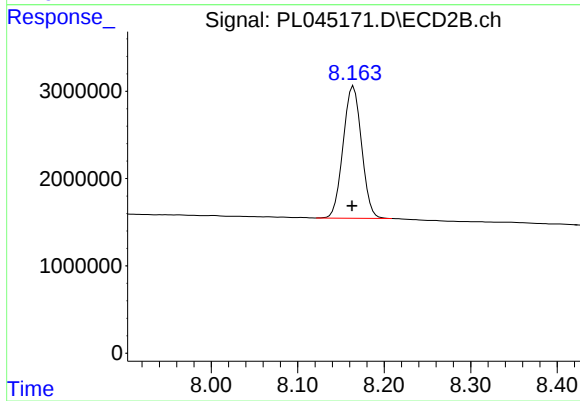
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 23868185
Conc: 10.04 ng/ml



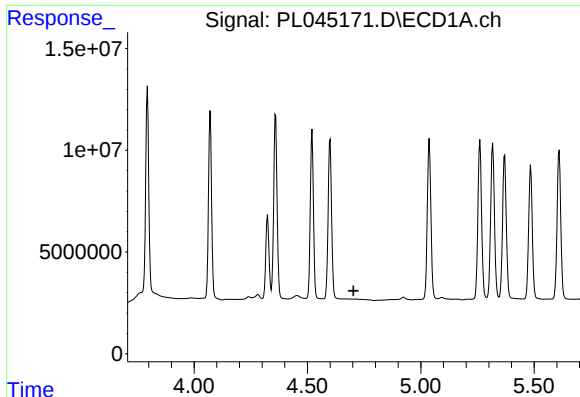
#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.001 min
Response: 79263440
Conc: 10.65 ng/ml



#22 Mirex

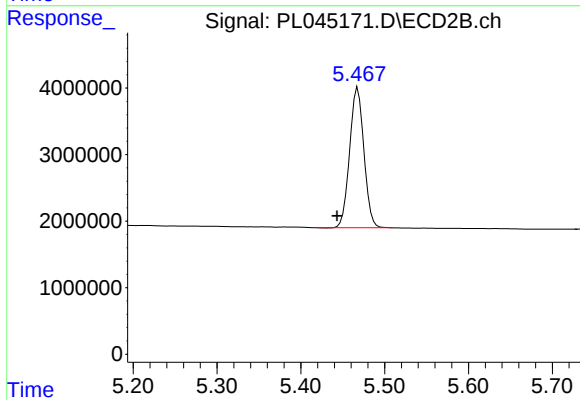
R.T.: 8.165 min
Delta R.T.: 0.002 min
Response: 22329636
Conc: 11.21 ng/ml



#24 Chlordane-2

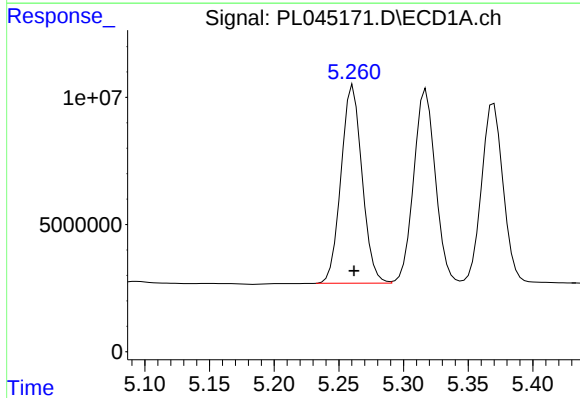
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



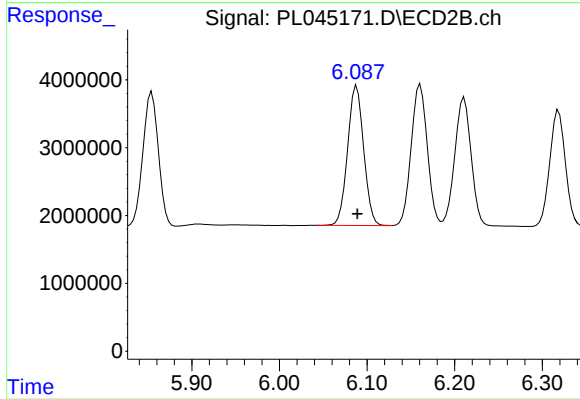
#24 Chlordane-2

R.T.: 5.468 min
Delta R.T.: 0.025 min
Response: 25004064
Conc: 206.94 ng/ml



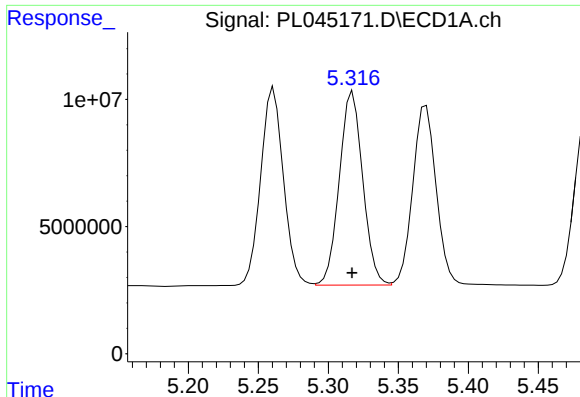
#25 Chlordane-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 88010525
Conc: 76.73 ng/ml



#25 Chlordane-3

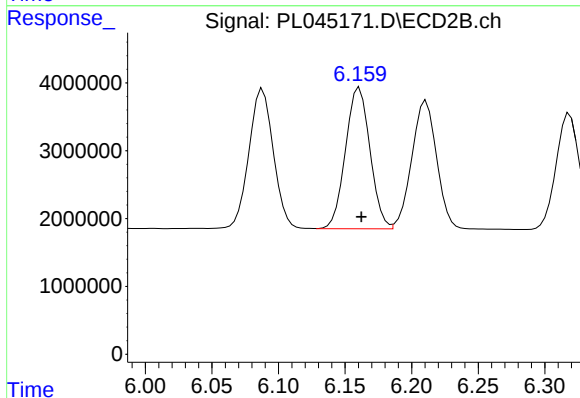
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 26263689
Conc: 67.41 ng/ml



#26 Chlordane-4

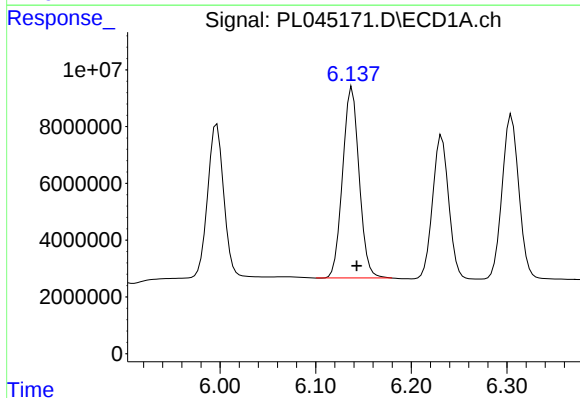
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 88647856
Conc: 83.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



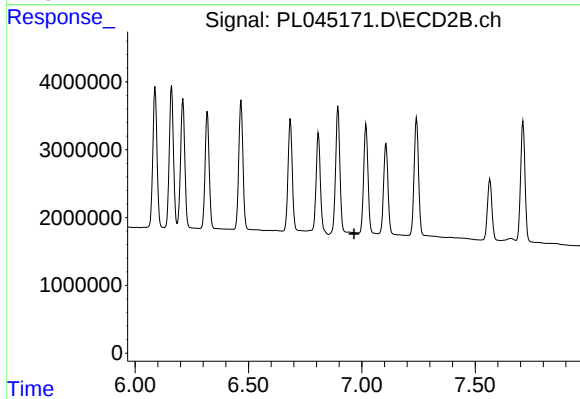
#26 Chlordane-4

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 26733071
Conc: 57.14 ng/ml



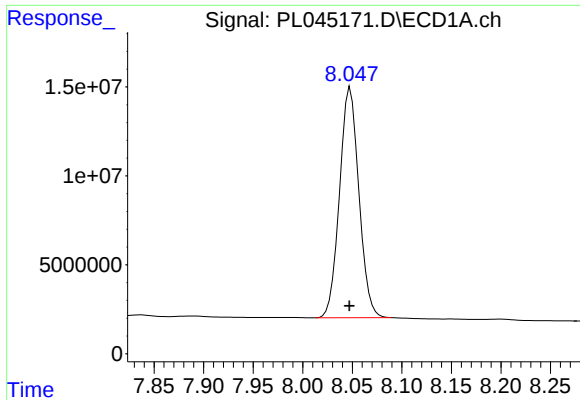
#27 Chlordane-5

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 80964332
Conc: 234.44 ng/ml



#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.966 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

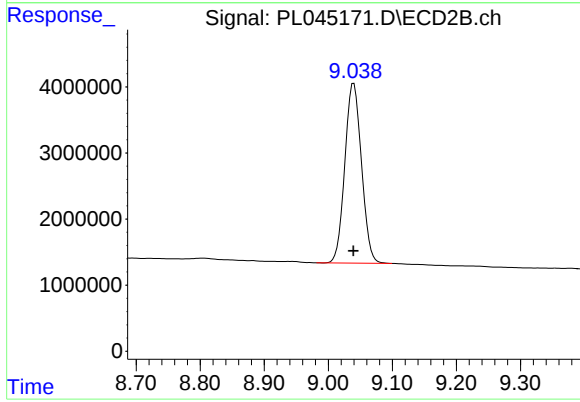
R.T.: 8.048 min

Delta R.T.: 0.000 min

Response: 175990840

Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2019



#28 Decachlorobiphenyl

R.T.: 9.040 min

Delta R.T.: 0.000 min

Response: 49073204

Conc: 21.48 ng/ml