

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121922\
 Data File : PL079781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 17:56
 Operator : AR\AJ
 Sample : N6067-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SOIL-20221214MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:41:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 2022
 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...	3.316	2.563	44341597	53195669	19.629	19.543
28)	SA Decachlor...	8.764	7.629	39443933	48051321	20.310	20.454
Target Compounds							
2)	A alpha-BHC	3.776	3.049	191.7E6	230.2E6	55.757	53.376
3)	MA gamma-BHC...	4.110	3.369	171.7E6	211.5E6	52.988	54.323
4)	MA Heptachlor	4.680	3.696	175.3E6	207.2E6	53.202	53.840
5)	MB Aldrin	5.018	3.967	173.2E6	208.6E6	55.789	56.192
6)	B beta-BHC	4.325	3.671	71833817	75370455	50.875	49.744
7)	B delta-BHC	4.565	3.890	141.9E6	211.6E6	51.144	54.996
8)	B Heptachlo...	5.452	4.464	159.7E6	183.9E6	55.943	54.488
9)	A Endosulfan I	5.836	4.827	146.3E6	172.4E6	55.019	53.881
10)	B gamma-Chl...	5.707	4.712	160.7E6	185.7E6	56.168	54.857
11)	B alpha-Chl...	5.784	4.774	158.4E6	181.0E6	54.956	54.031
12)	B 4,4'-DDE	5.967	4.968	141.5E6	174.7E6	56.655	56.983
13)	MA Dieldrin	6.113	5.088	157.2E6	192.5E6	57.320	57.110
14)	MA Endrin	6.344	5.359	132.7E6	169.2E6	54.839	55.940
15)	B Endosulfa...	6.575	5.656	131.6E6	162.3E6	58.314	58.011
16)	A 4,4'-DDD	6.492	5.520	117.6E6	148.5E6	59.262	59.379
17)	MA 4,4'-DDT	6.802	5.766	114.7E6	140.1E6	50.565	53.585
18)	B Endrin al...	6.705	5.835	108.6E6	128.7E6	59.969	60.479
19)	B Endosulfa...	6.938	6.057	128.0E6	155.6E6	55.191	55.144
20)	A Methoxychlor	7.287	6.343	60305494	72625925	49.988	53.434
21)	B Endrin ke...	7.425	6.553	134.0E6	173.3E6	54.315	56.256
22)	Mirex	7.880	6.725	100.4E6	124.7E6	52.991	52.715
23)	Chlordane-1	0.000	3.550f	0	1122738	N.D.	10.556 #
24)	Chlordane-2	5.018f	0.000	173.2E6	0	1644.108	N.D. #
25)	Chlordane-3	5.707	4.712	160.7E6	185.7E6	387.036	555.335 #
26)	Chlordane-4	5.784	4.774	158.4E6	181.0E6	311.250	499.389 #

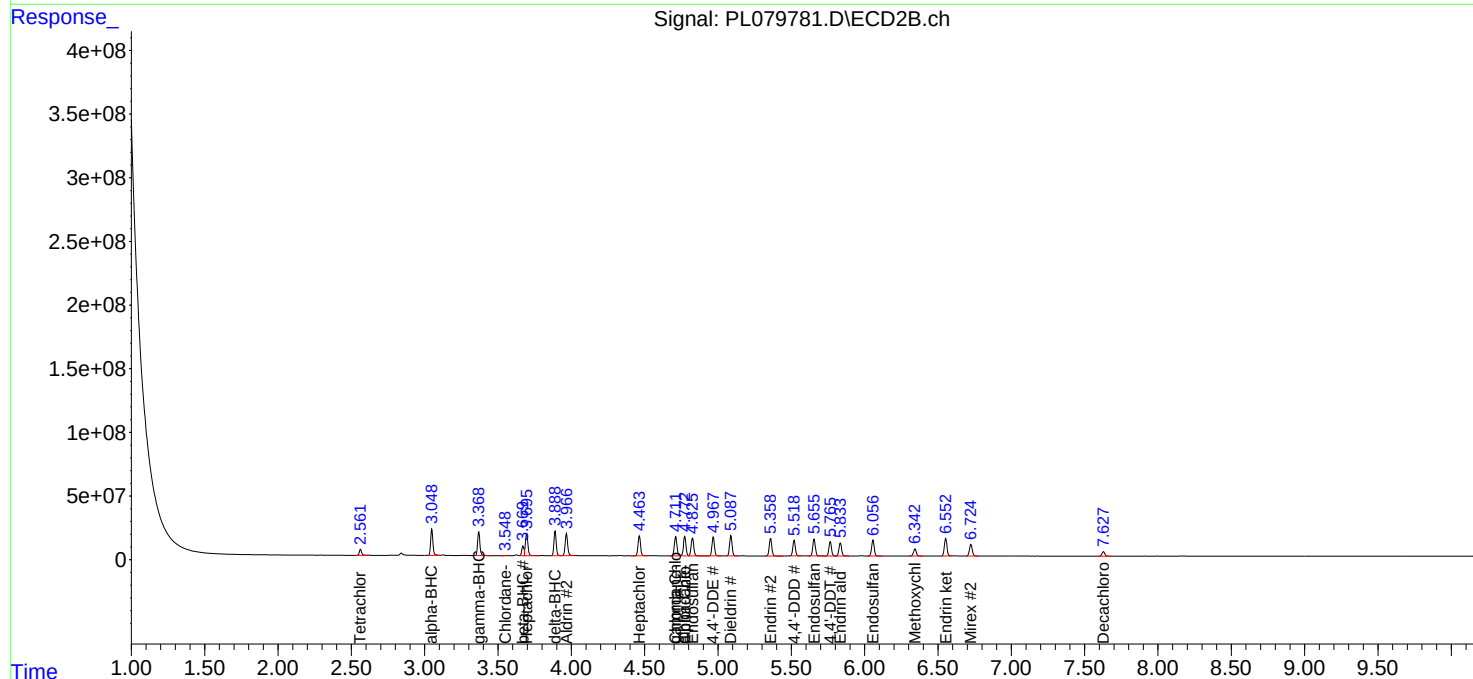
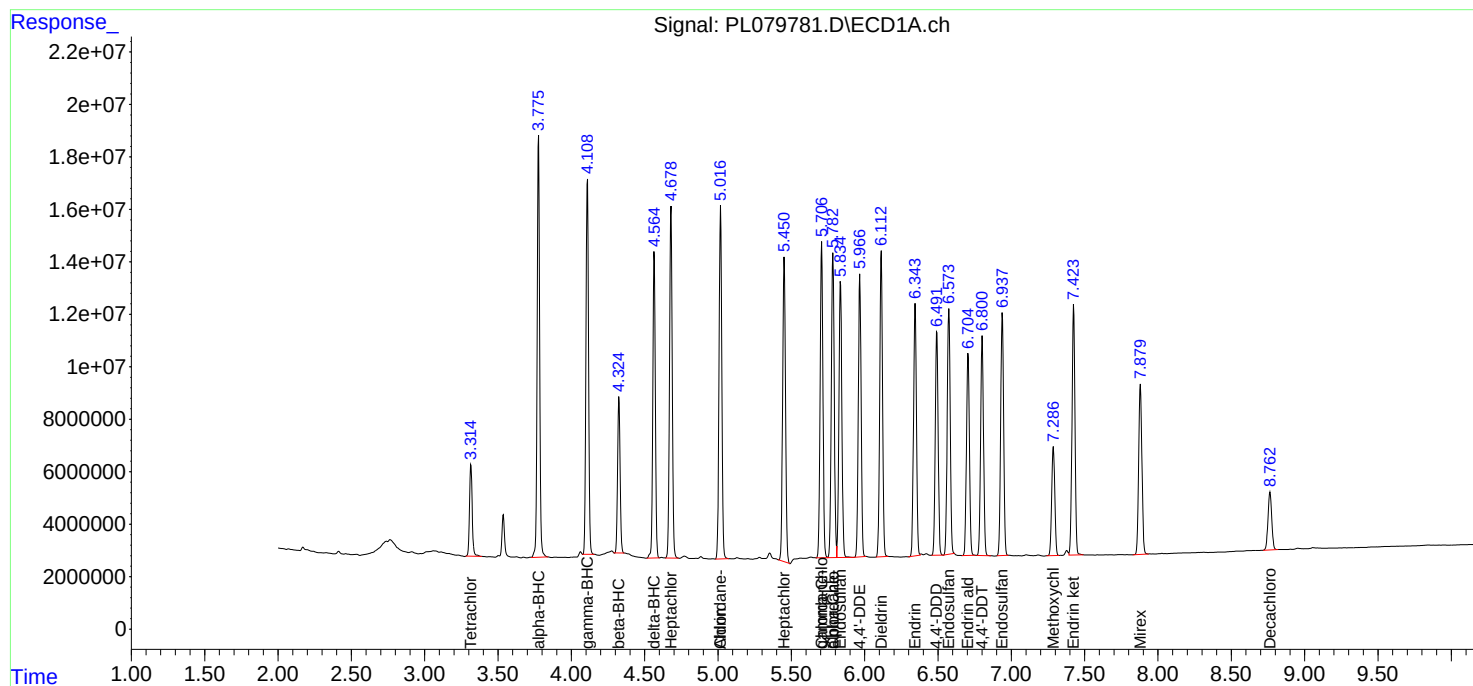
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

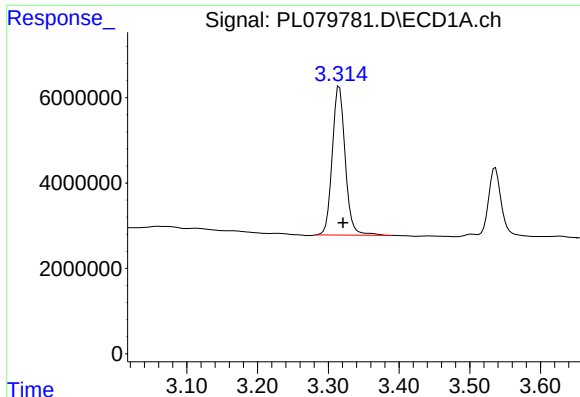
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121922\
Data File : PL079781.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2022 17:56
Operator : AR\AJ
Sample : N6067-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 20:41:04 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
Quant Title : GC Extractables
QLast Update : Thu Nov 24 00:09:49 2022
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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

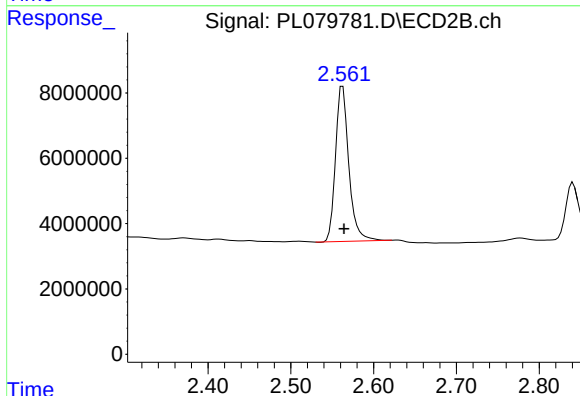




#1 Tetrachloro-m-xylene

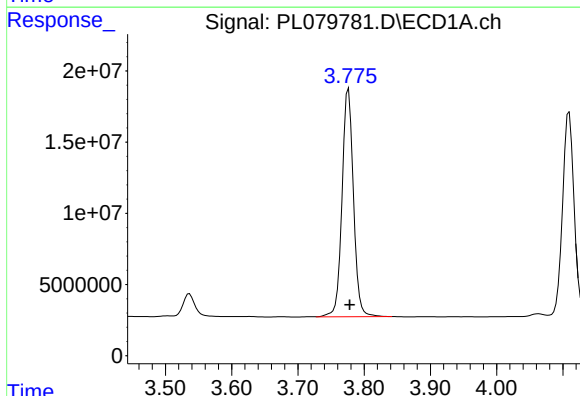
R.T.: 3.316 min
Delta R.T.: -0.005 min
Response: 44341597
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



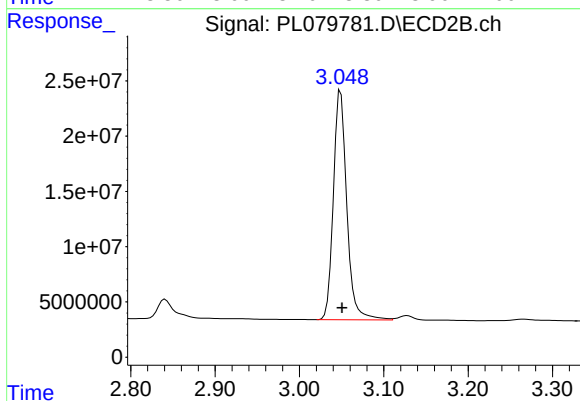
#1 Tetrachloro-m-xylene

R.T.: 2.563 min
Delta R.T.: -0.002 min
Response: 53195669
Conc: 19.54 ng/ml



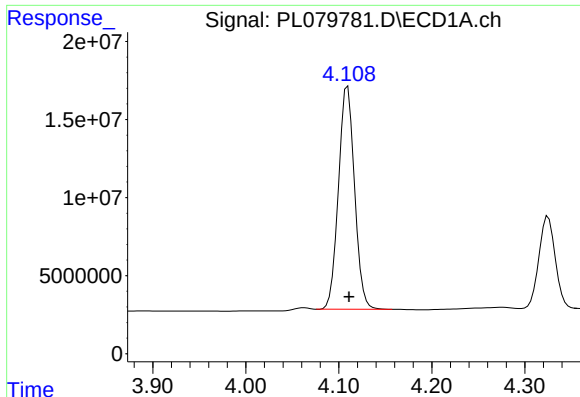
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 191734118
Conc: 55.76 ng/ml



#2 alpha-BHC

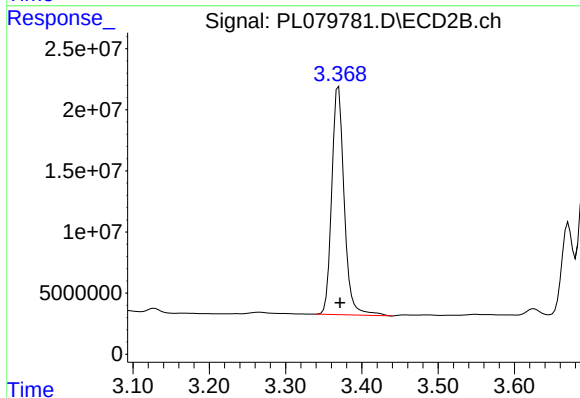
R.T.: 3.049 min
Delta R.T.: -0.002 min
Response: 230158012
Conc: 53.38 ng/ml



#3 gamma-BHC (Lindane)

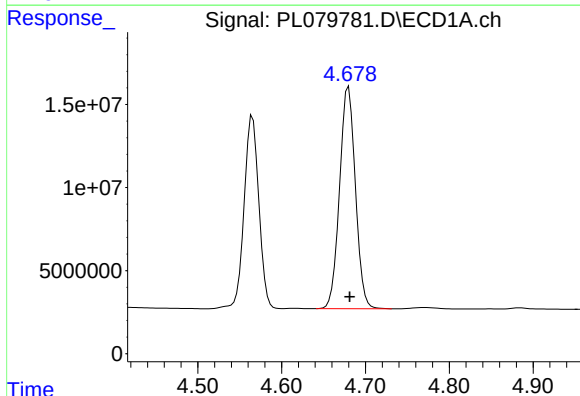
R.T.: 4.110 min
Delta R.T.: -0.001 min
Response: 171722186
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



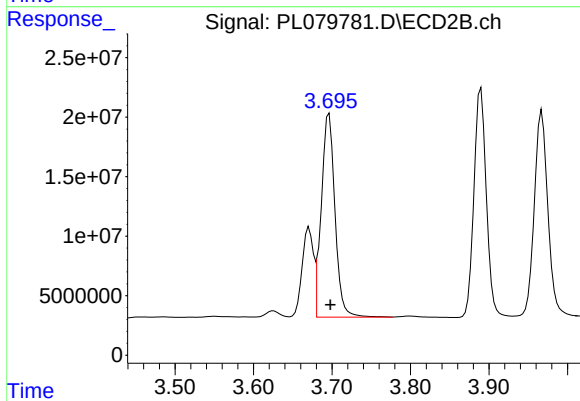
#3 gamma-BHC (Lindane)

R.T.: 3.369 min
Delta R.T.: -0.002 min
Response: 211515832
Conc: 54.32 ng/ml



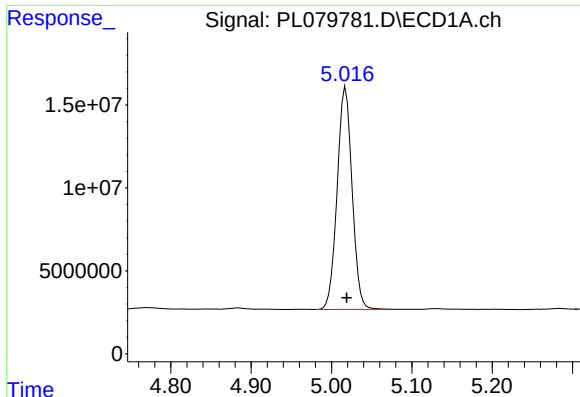
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: -0.002 min
Response: 175312967
Conc: 53.20 ng/ml



#4 Heptachlor

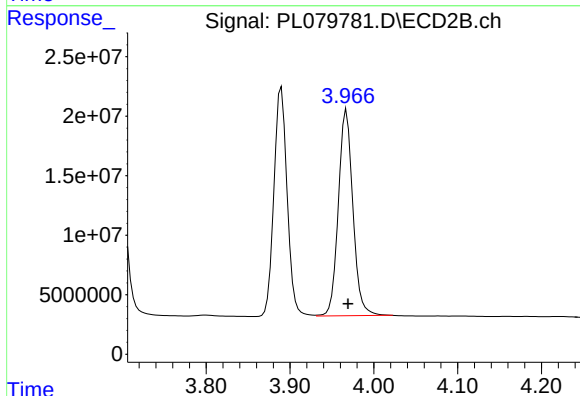
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 207161150
Conc: 53.84 ng/ml



#5 Aldrin

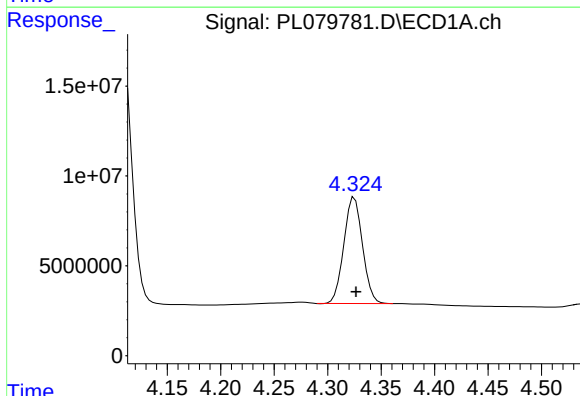
R.T.: 5.018 min
Delta R.T.: -0.001 min
Response: 173244362
Conc: 55.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



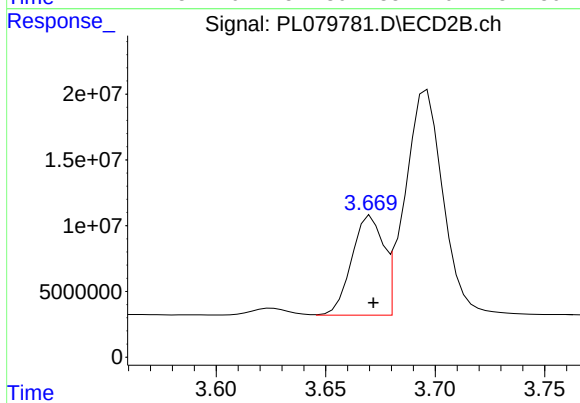
#5 Aldrin

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 208636083
Conc: 56.19 ng/ml



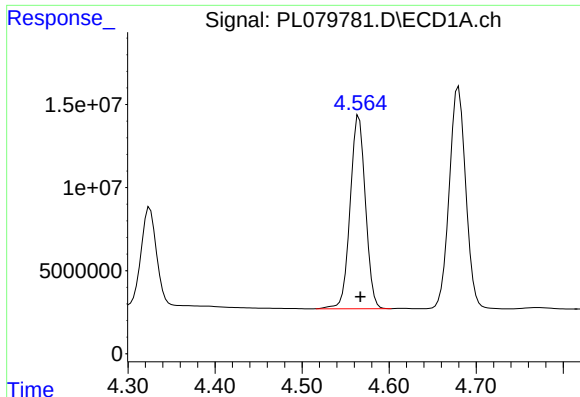
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 71833817
Conc: 50.88 ng/ml



#6 beta-BHC

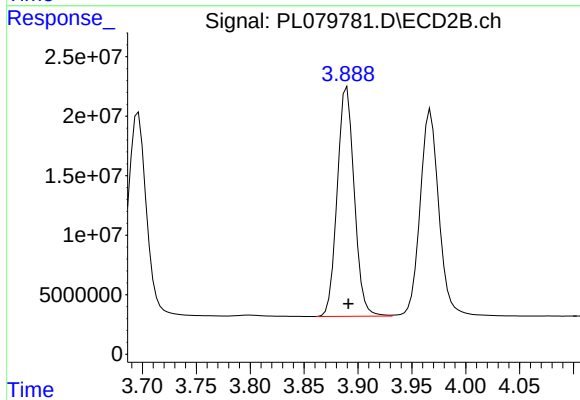
R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 75370455
Conc: 49.74 ng/ml



#7 delta-BHC

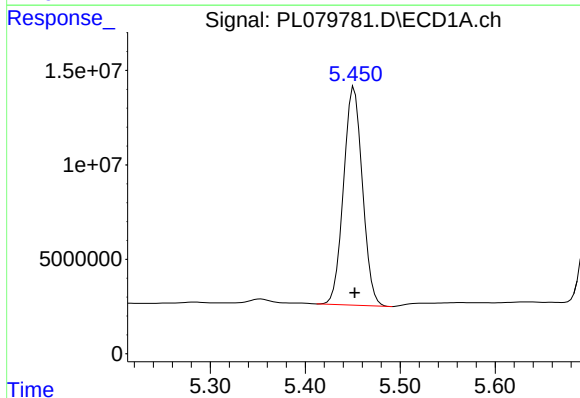
R.T.: 4.565 min
Delta R.T.: -0.001 min
Response: 141892939
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



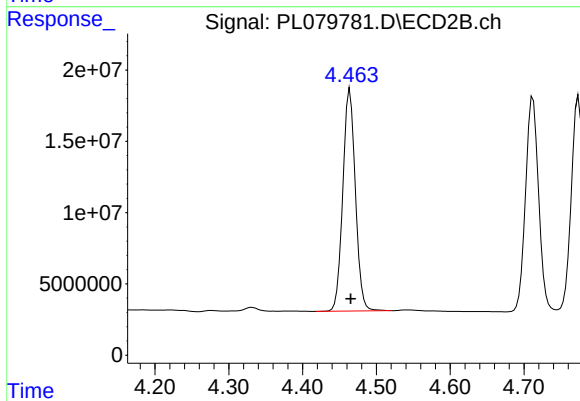
#7 delta-BHC

R.T.: 3.890 min
Delta R.T.: -0.001 min
Response: 211581644
Conc: 55.00 ng/ml



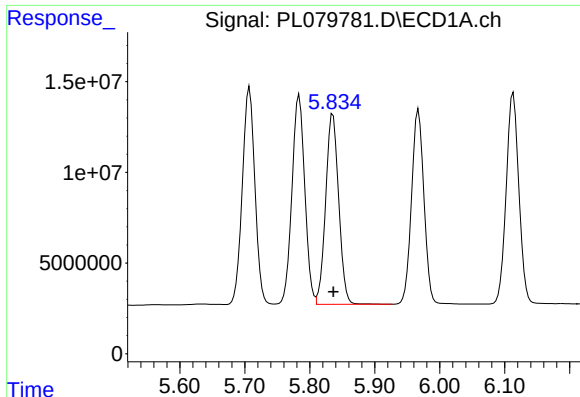
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 159715142
Conc: 55.94 ng/ml



#8 Heptachlor epoxide

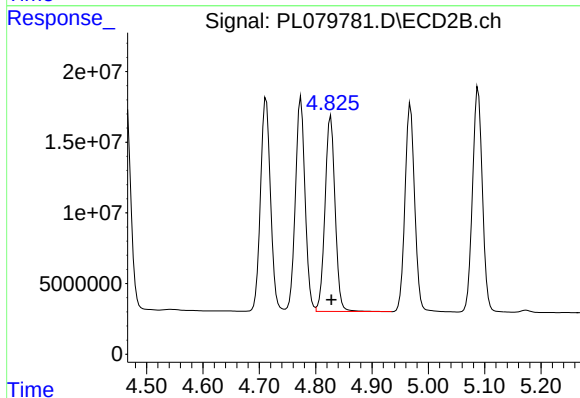
R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 183918522
Conc: 54.49 ng/ml



#9 Endosulfan I

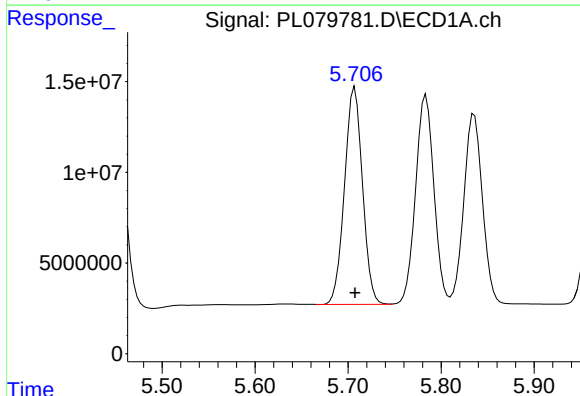
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 146281287
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



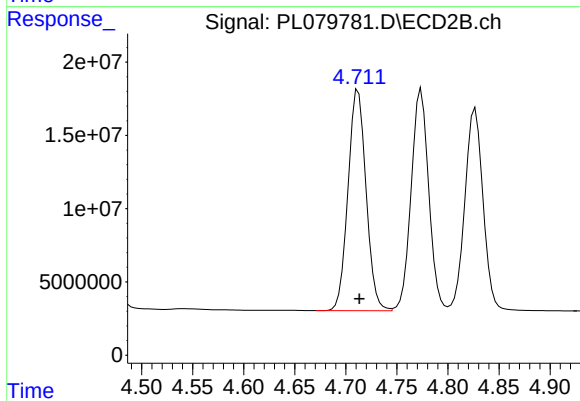
#9 Endosulfan I

R.T.: 4.827 min
Delta R.T.: -0.001 min
Response: 172409900
Conc: 53.88 ng/ml



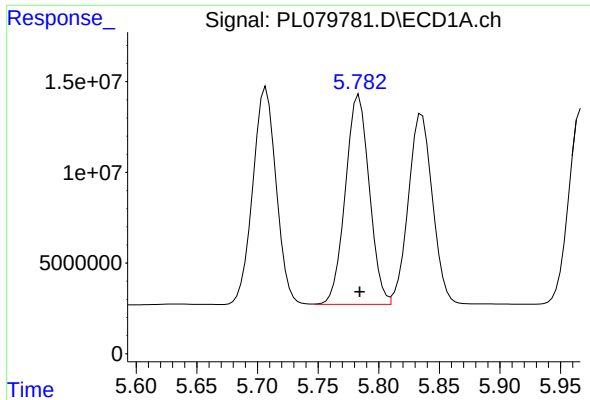
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 160708804
Conc: 56.17 ng/ml



#10 gamma-Chlordane

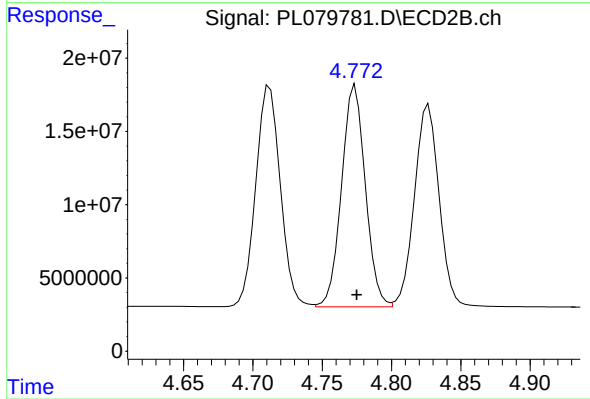
R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 185650534
Conc: 54.86 ng/ml



#11 alpha-Chlordane

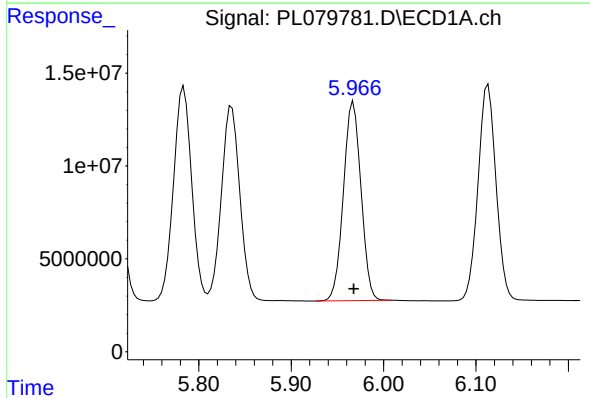
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 158361833
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



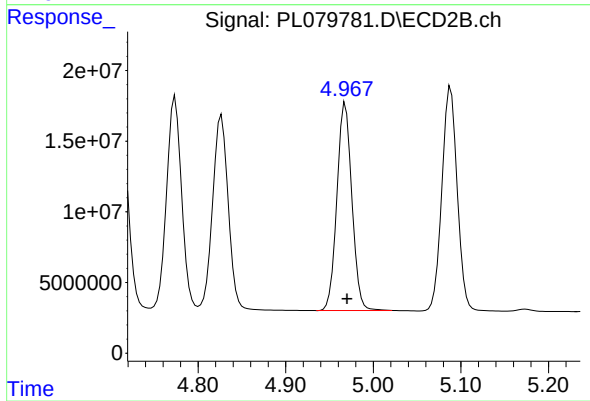
#11 alpha-Chlordane

R.T.: 4.774 min
Delta R.T.: -0.001 min
Response: 180960186
Conc: 54.03 ng/ml



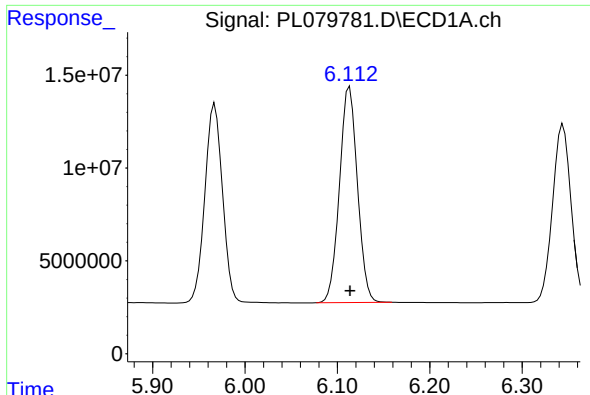
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 141545043
Conc: 56.66 ng/ml



#12 4,4'-DDE

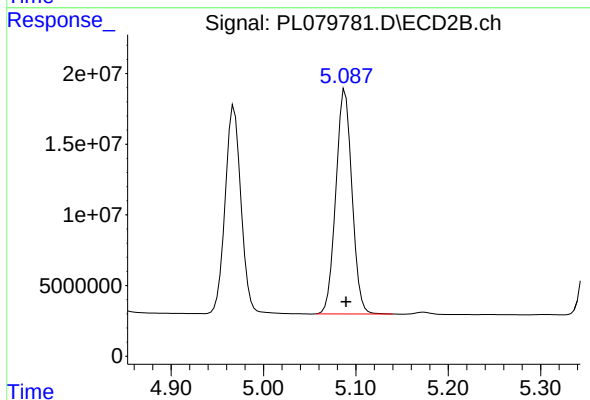
R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 174717813
Conc: 56.98 ng/ml



#13 Dieldrin

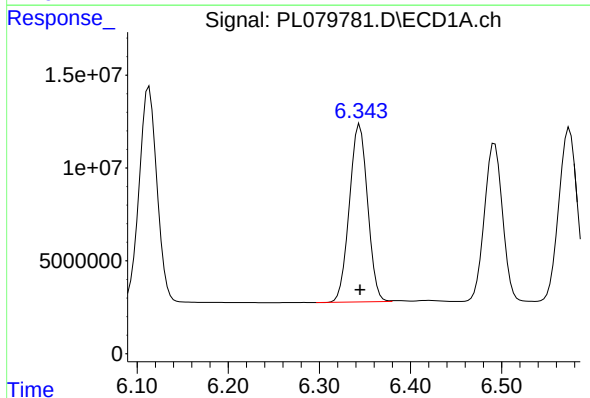
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 157220308
Conc: 57.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



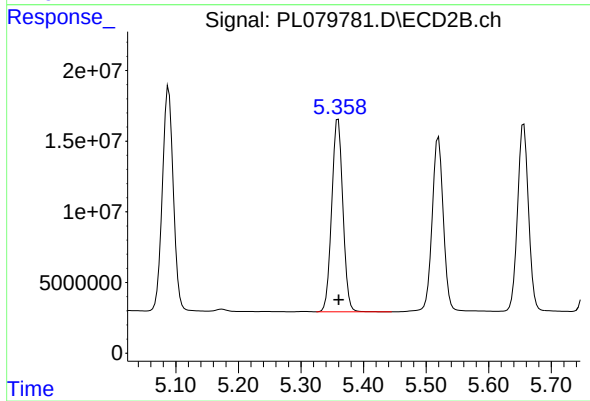
#13 Dieldrin

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 192527220
Conc: 57.11 ng/ml



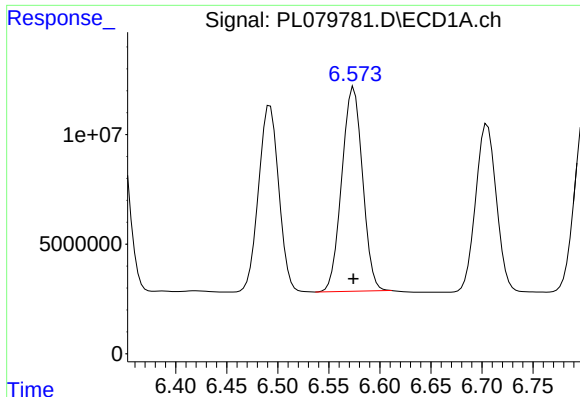
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 132665571
Conc: 54.84 ng/ml



#14 Endrin

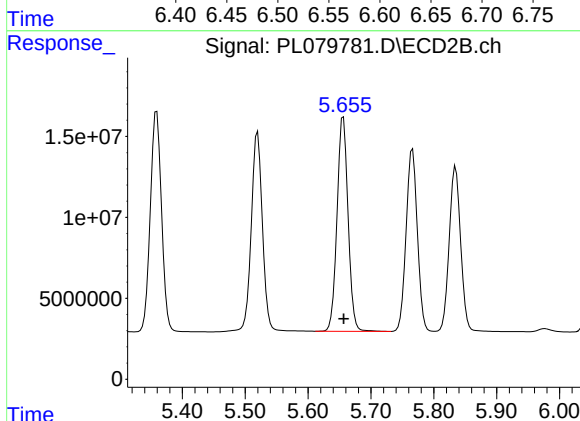
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 169204783
Conc: 55.94 ng/ml



#15 Endosulfan II

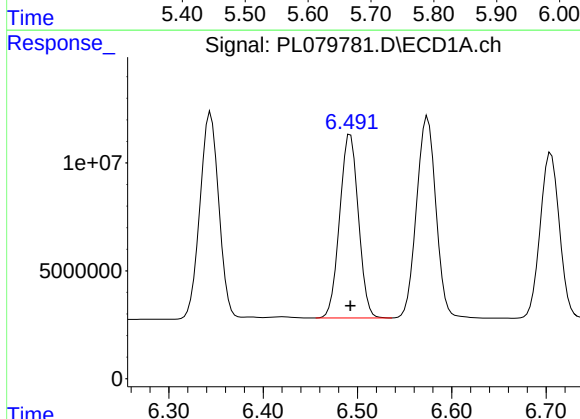
R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 131641578
Conc: 58.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



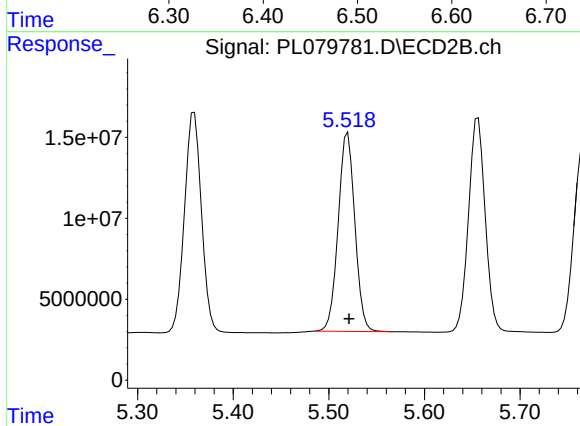
#15 Endosulfan II

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 162326526
Conc: 58.01 ng/ml



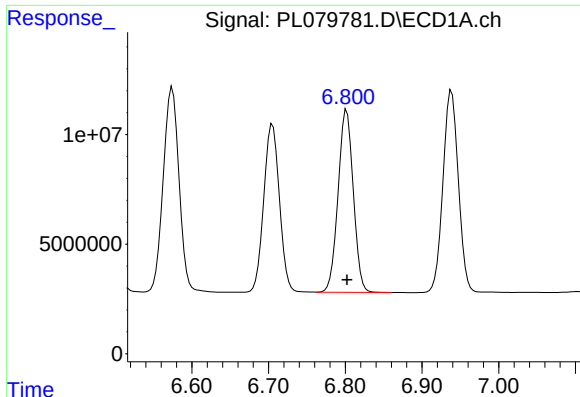
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 117576558
Conc: 59.26 ng/ml



#16 4,4'-DDD

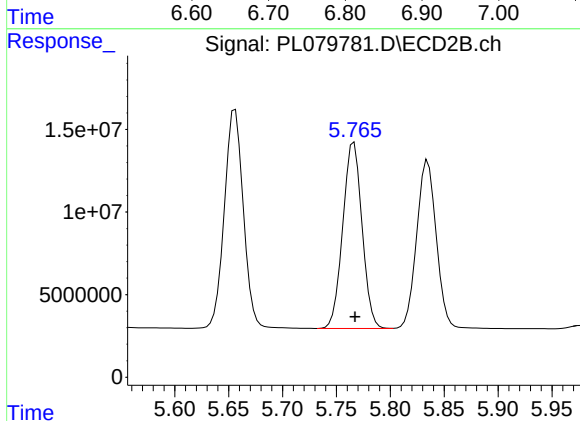
R.T.: 5.520 min
Delta R.T.: -0.001 min
Response: 148536536
Conc: 59.38 ng/ml



#17 4,4'-DDT

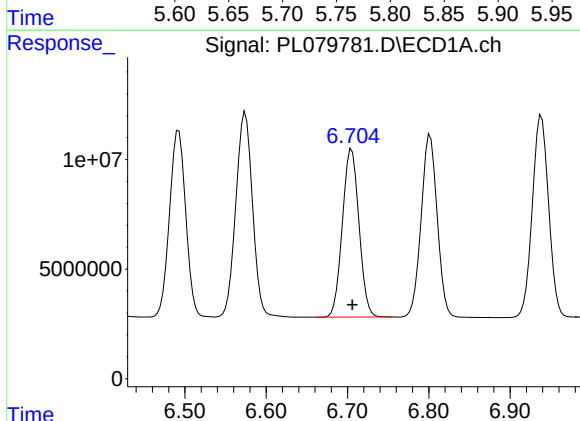
R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 114699113
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



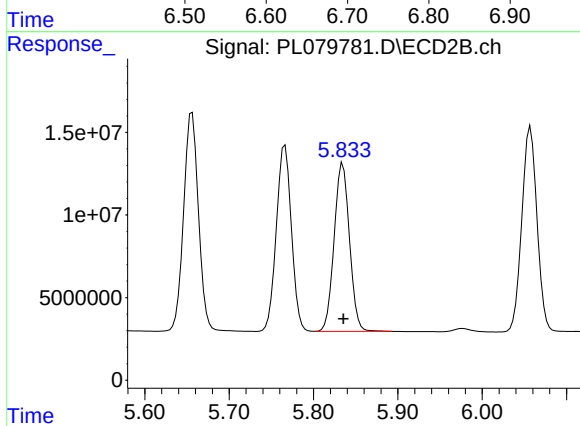
#17 4,4'-DDT

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 140050197
Conc: 53.59 ng/ml



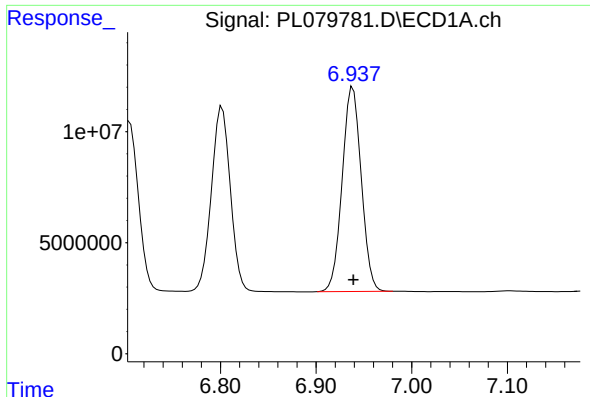
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 108612348
Conc: 59.97 ng/ml



#18 Endrin aldehyde

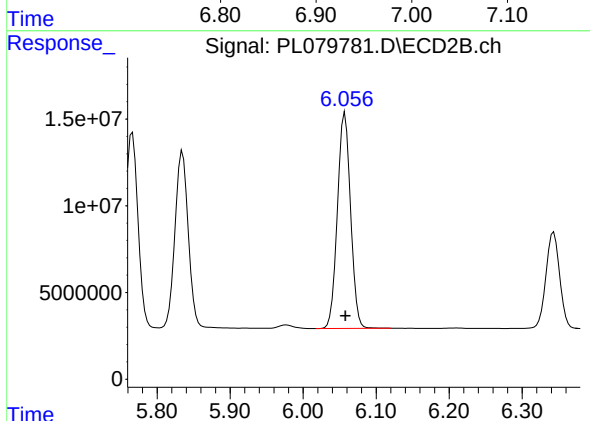
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 128724778
Conc: 60.48 ng/ml



#19 Endosulfan Sulfate

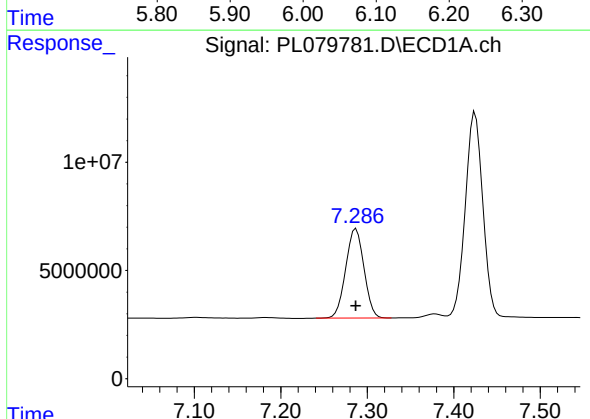
R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 127984301
Conc: 55.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



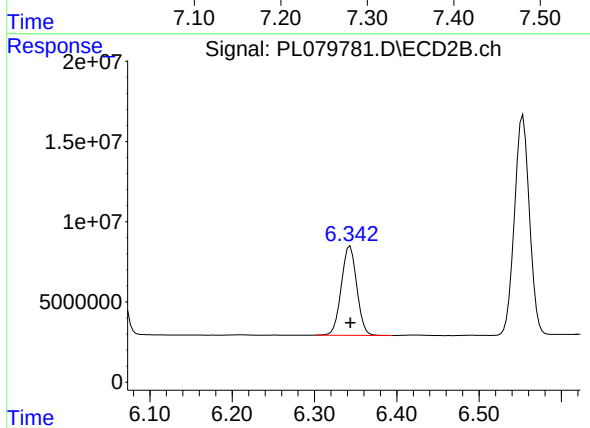
#19 Endosulfan Sulfate

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 155598120
Conc: 55.14 ng/ml



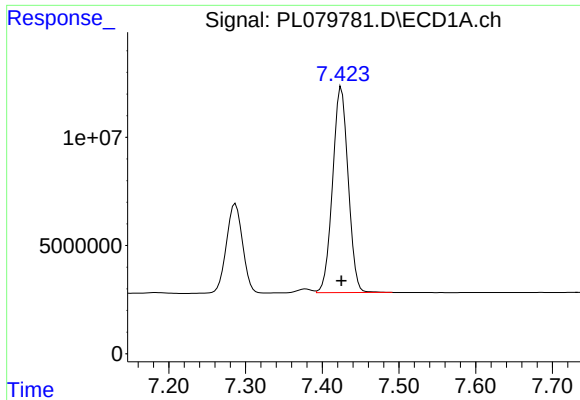
#20 Methoxychlor

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 60305494
Conc: 49.99 ng/ml



#20 Methoxychlor

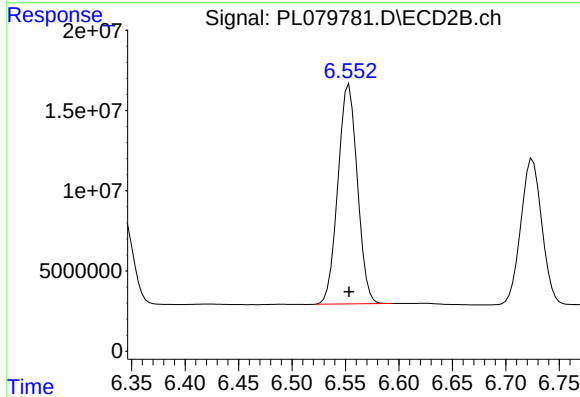
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 72625925
Conc: 53.43 ng/ml



#21 Endrin ketone

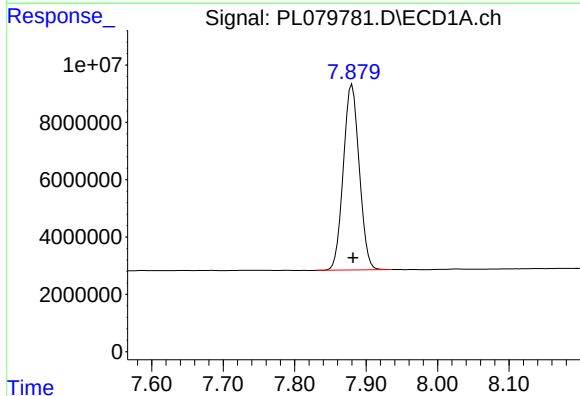
R.T.: 7.425 min
Delta R.T.: 0.000 min
Response: 134009559
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



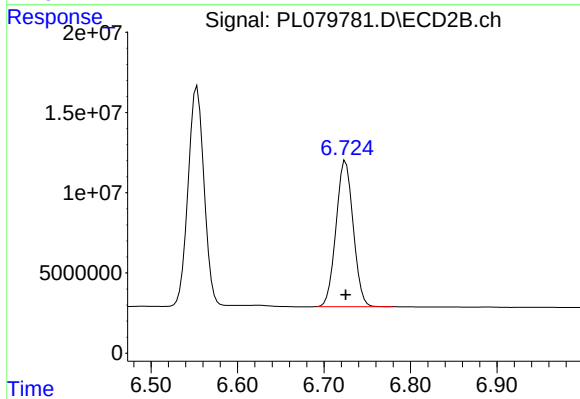
#21 Endrin ketone

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 173263356
Conc: 56.26 ng/ml



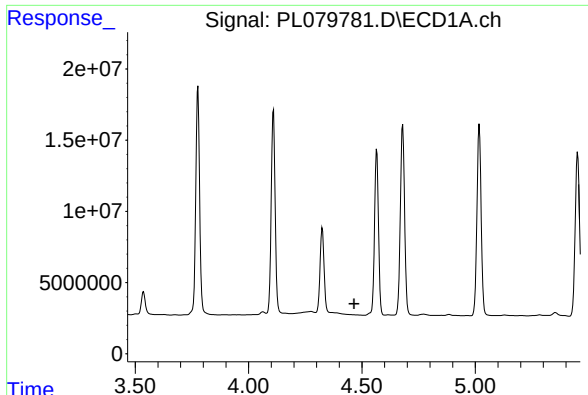
#22 Mirex

R.T.: 7.880 min
Delta R.T.: -0.001 min
Response: 100370727
Conc: 52.99 ng/ml



#22 Mirex

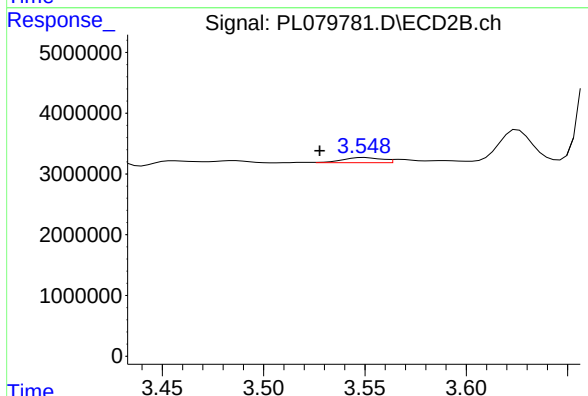
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 124673788
Conc: 52.72 ng/ml



#23 Chlordane-1

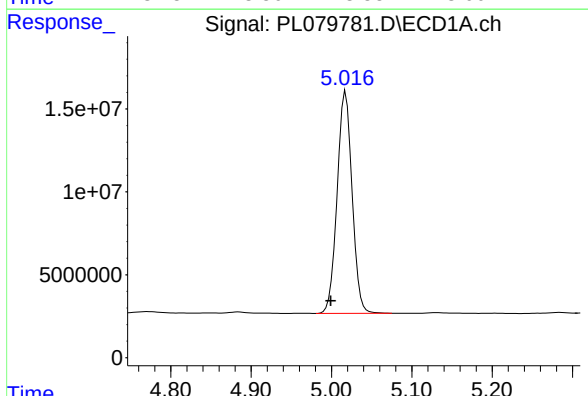
R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



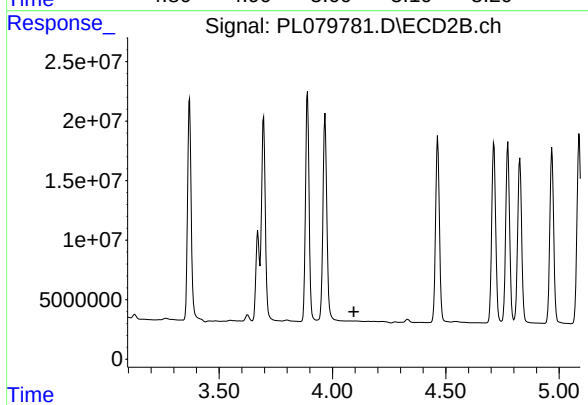
#23 Chlordane-1

R.T.: 3.550 min
Delta R.T.: 0.022 min
Response: 1122738
Conc: 10.56 ng/ml



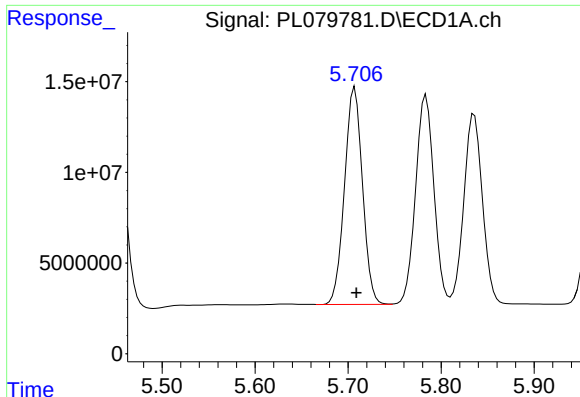
#24 Chlordane-2

R.T.: 5.018 min
Delta R.T.: 0.018 min
Response: 173244362
Conc: 1644.11 ng/ml



#24 Chlordane-2

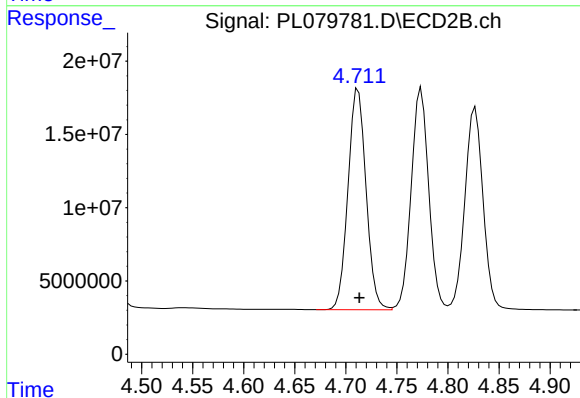
R.T.: 0.000 min
Exp R.T. : 4.094 min
Response: 0
Conc: N.D.



#25 Chlordane-3

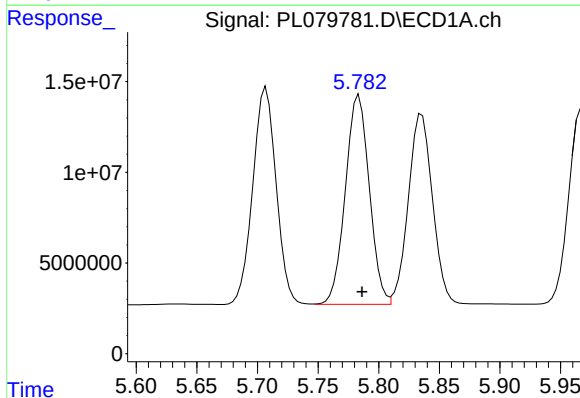
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 160708804
Conc: 387.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



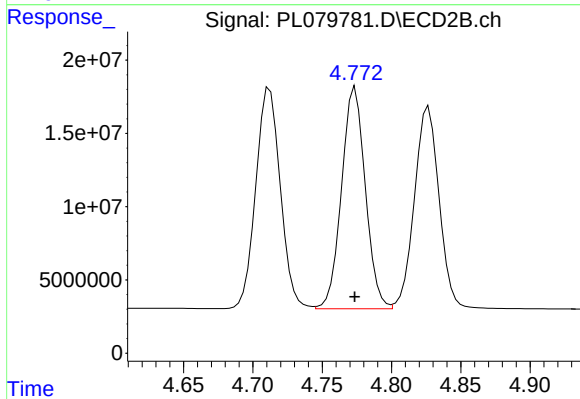
#25 Chlordane-3

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 185650534
Conc: 555.33 ng/ml



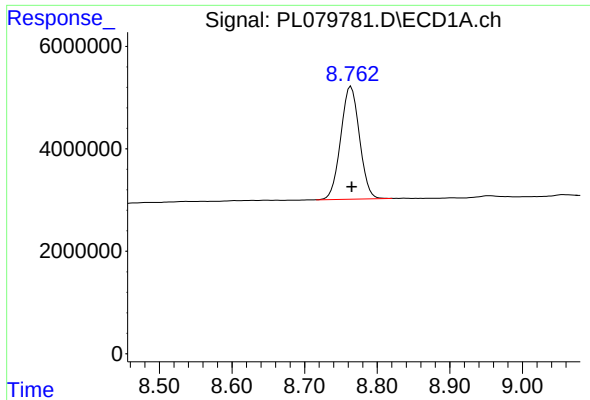
#26 Chlordane-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 158361833
Conc: 311.25 ng/ml



#26 Chlordane-4

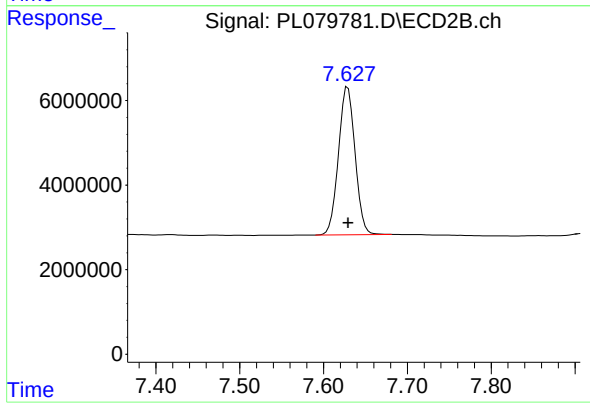
R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 180960186
Conc: 499.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: -0.001 min
Response: 39443933
Conc: 20.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20221214MS



#28 Decachlorobiphenyl

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 48051321
Conc: 20.45 ng/ml