

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
 Data File : PD086520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 14:40
 Operator : AR\AJ
 Sample : P4368-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:42:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.564	2.887	26423868	204.1E6	18.089	20.636
28)	SA Decachlor...	9.103	8.096	39234806	241.5E6	20.465	22.549
Target Compounds							
2)	A alpha-BHC	4.013	3.401	12184441	87888461	4.252	5.792 #
3)	MA gamma-BHC...	4.345	3.738	12248344	82958925	4.275	5.674 #
4)	MA Heptachlor	4.947	4.095	12880298	85711625	4.709	6.084 #
5)	MB Aldrin	5.289	4.381	12969824	100.6E6	4.720	6.903 #
6)	B beta-BHC	4.529	4.034	6088628	41287711	5.326	6.475
7)	B delta-BHC	4.778	4.272	14211783	89175779	4.808	5.998
8)	B Heptachlo...	5.708	4.887	11770878	80890365	4.779	6.136 #
9)	A Endosulfan I	6.093	5.262	11537498	74421334	5.026	5.990
10)	B gamma-Chl...	5.964	5.141	12309066	82705291	5.113	6.076
11)	B alpha-Chl...	6.045	5.206	12487728	82697427	5.159	6.181
12)	B 4,4'-DDE	6.214	5.391	10287430	85877523	4.601	6.563 #
13)	MA Dieldrin	6.367	5.528	11769297	82013491	4.729	6.016 #
14)	MA Endrin	6.594	5.805	11450533	76776019	5.312	6.257
15)	B Endosulfa...	6.804	6.097	11432853	74094647	5.289	6.172
16)	A 4,4'-DDD	6.724	5.947	10477310	65123383	5.798	5.914
17)	MA 4,4'-DDT	7.041	6.202	8305317	67825507	4.537	5.848 #
18)	B Endrin al...	6.934	6.276	8710952	59808636	5.268	6.379
19)	B Endosulfa...	7.168	6.500	10035733	72846701	4.995	6.293 #
20)	A Methoxychlor	7.514	6.774	5500722	39692623	5.086	6.282
21)	B Endrin ke...	7.650	7.009	11407079	85510202	5.028	6.724 #
22)	Mirex	8.135	7.206	8546258	64141045	5.163	6.174
23)	Chlordane-1	0.000	3.909	0	825002	N.D.	1.774 #
24)	Chlordane-2	0.000	4.519	0	12548334	N.D.	25.331 #
25)	Chlordane-3	5.964	5.141	12309066	82705291	32.537	55.548 #
26)	Chlordane-4	6.045	5.206	12487728	82697427	27.182	65.833 #
27)	Chlordane-5	0.000	5.877	0	257735	N.D.	0.631 #

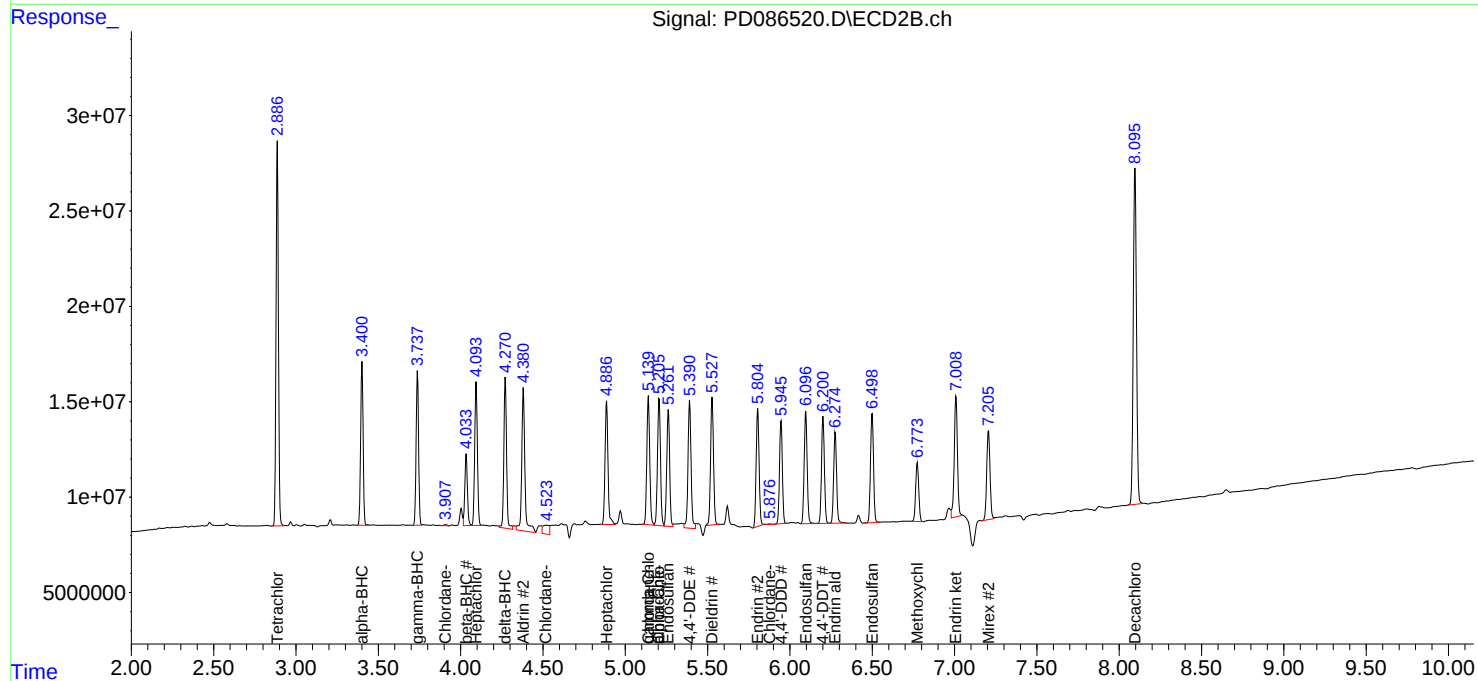
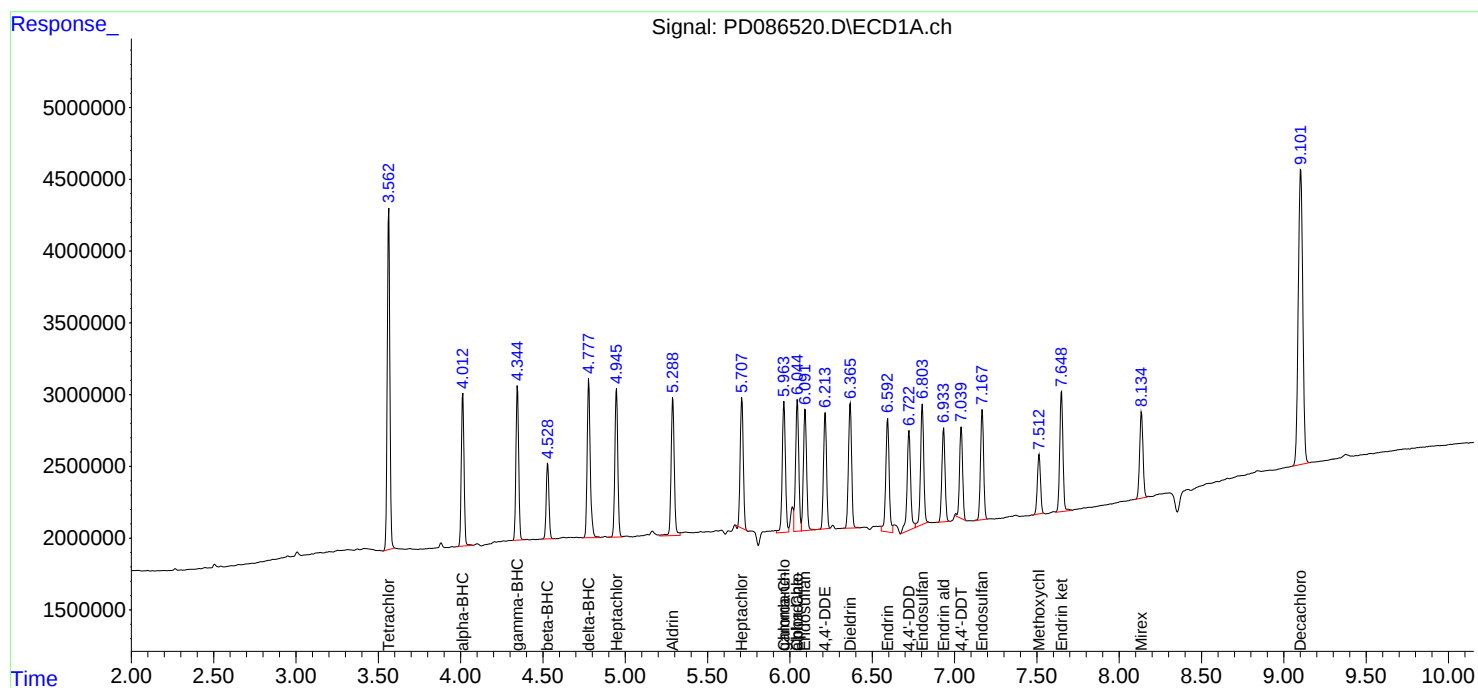
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

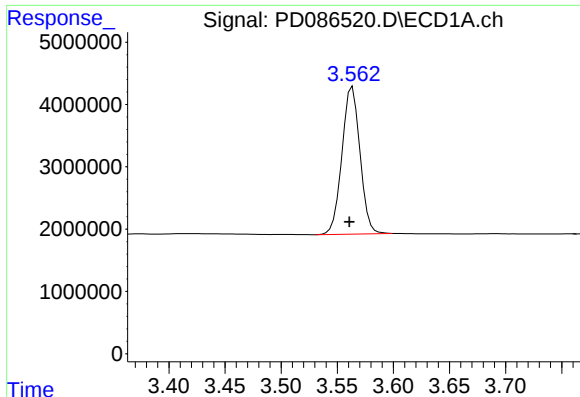
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 14:40
Operator : AR\AJ
Sample : P4368-02
Misc : PEST LOQ 5PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:42:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x 0.25µm

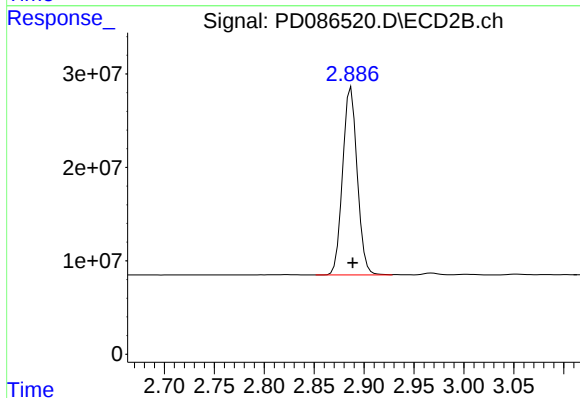




#1 Tetrachloro-m-xylene

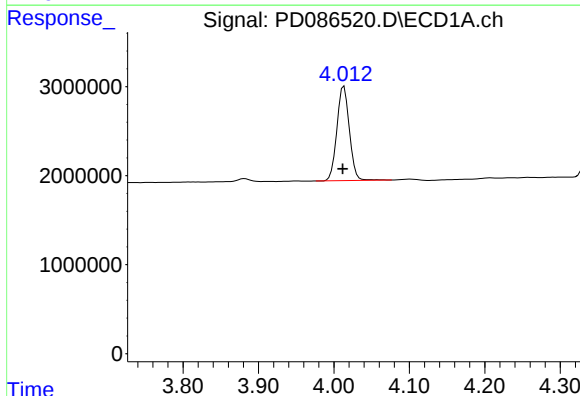
R.T.: 3.564 min
Delta R.T.: 0.003 min
Response: 26423868
Conc: 18.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



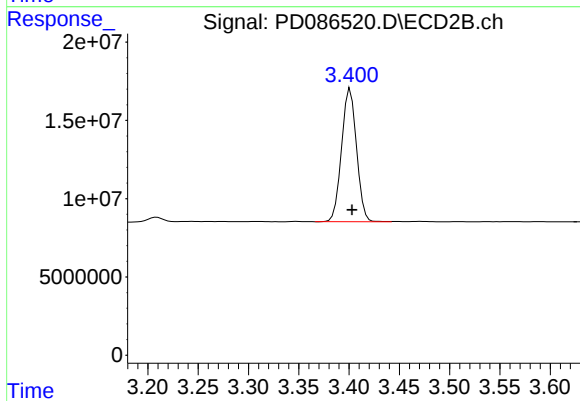
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: -0.001 min
Response: 204079193
Conc: 20.64 ng/ml



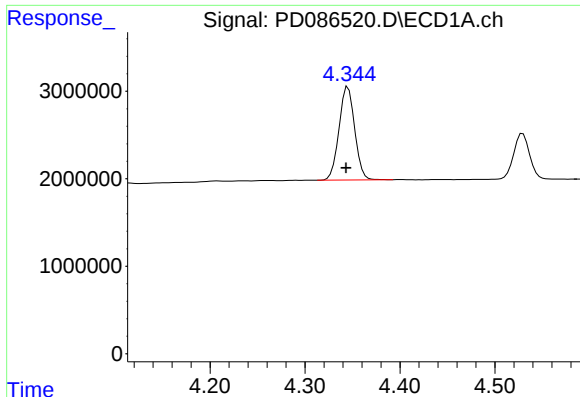
#2 alpha-BHC

R.T.: 4.013 min
Delta R.T.: 0.002 min
Response: 12184441
Conc: 4.25 ng/ml



#2 alpha-BHC

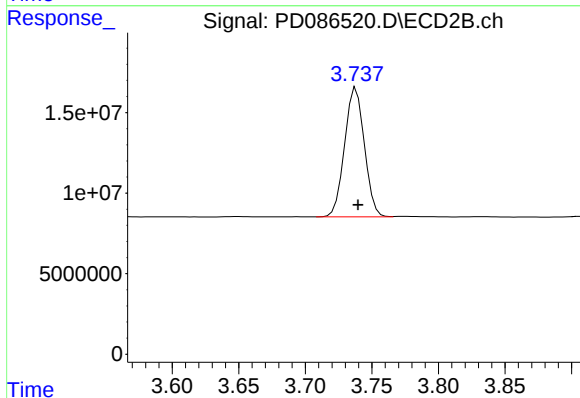
R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 87888461
Conc: 5.79 ng/ml



#3 gamma-BHC (Lindane)

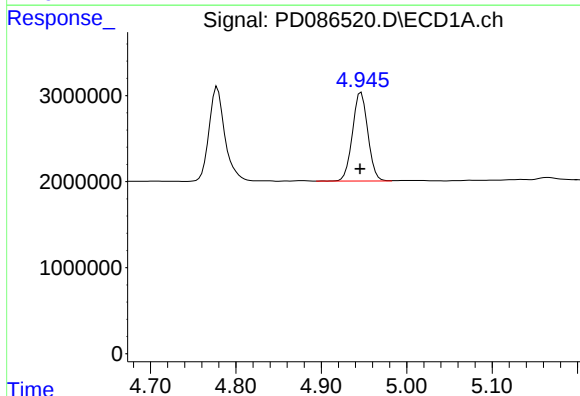
R.T.: 4.345 min
Delta R.T.: 0.002 min
Response: 12248344
Conc: 4.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



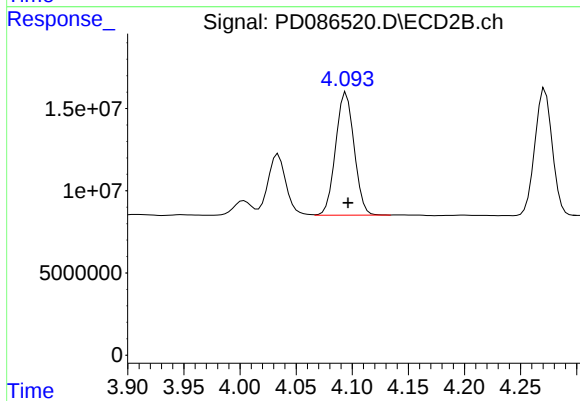
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 82958925
Conc: 5.67 ng/ml



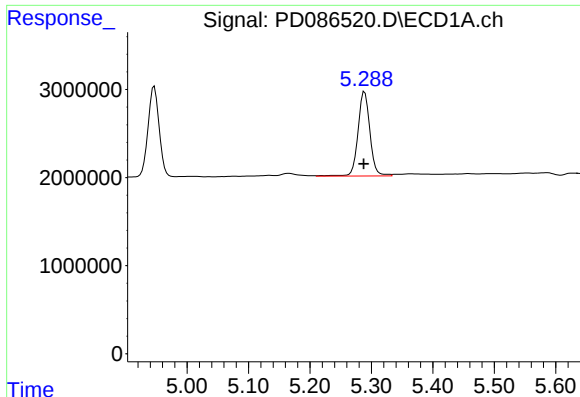
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.001 min
Response: 12880298
Conc: 4.71 ng/ml



#4 Heptachlor

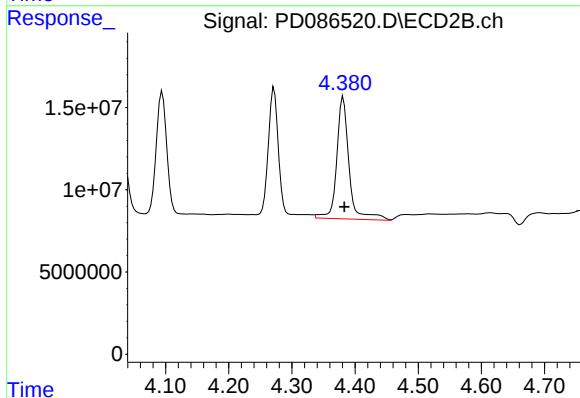
R.T.: 4.095 min
Delta R.T.: -0.001 min
Response: 85711625
Conc: 6.08 ng/ml



#5 Aldrin

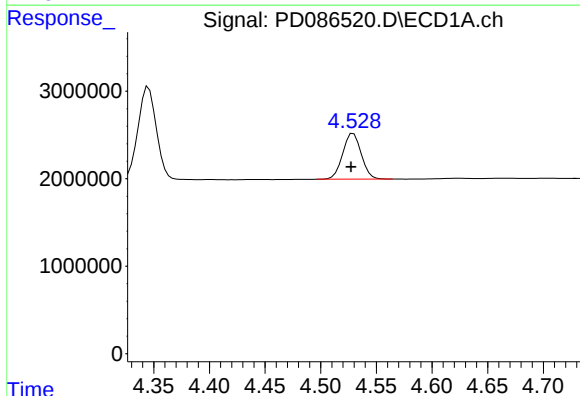
R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 12969824
Conc: 4.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



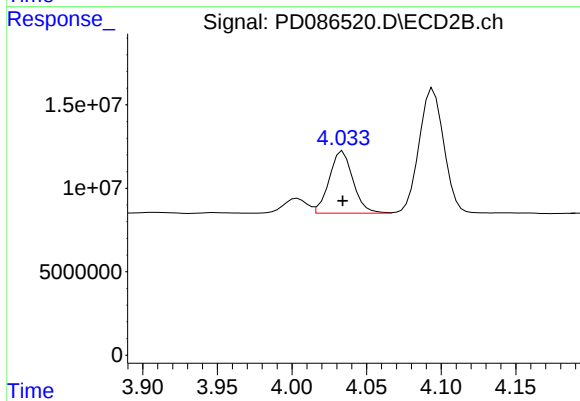
#5 Aldrin

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 100621892
Conc: 6.90 ng/ml



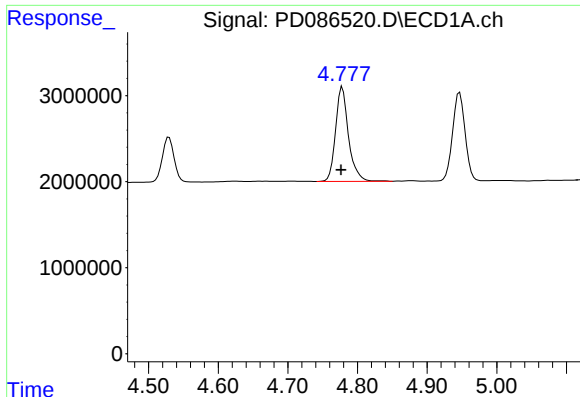
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 6088628
Conc: 5.33 ng/ml



#6 beta-BHC

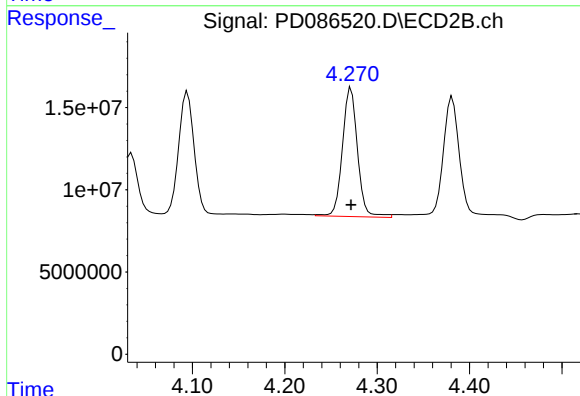
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 41287711
Conc: 6.48 ng/ml



#7 delta-BHC

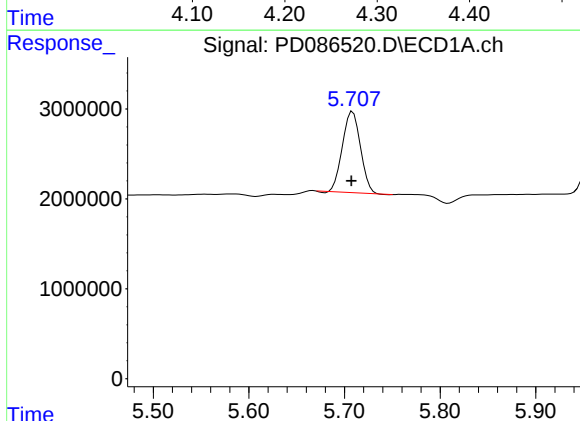
R.T.: 4.778 min
Delta R.T.: 0.002 min
Response: 14211783
Conc: 4.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



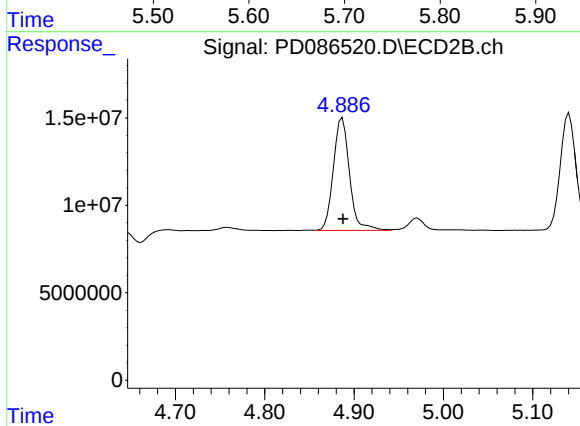
#7 delta-BHC

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 89175779
Conc: 6.00 ng/ml



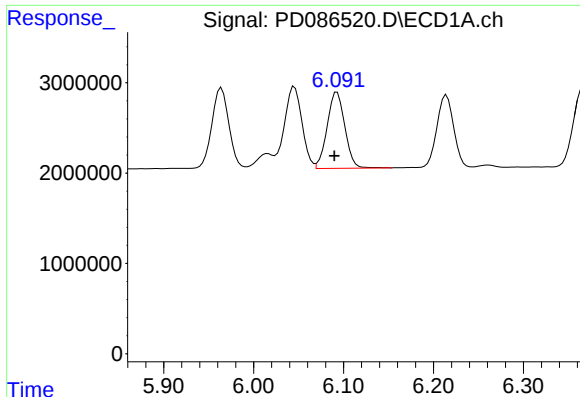
#8 Heptachlor epoxide

R.T.: 5.708 min
Delta R.T.: 0.001 min
Response: 11770878
Conc: 4.78 ng/ml



#8 Heptachlor epoxide

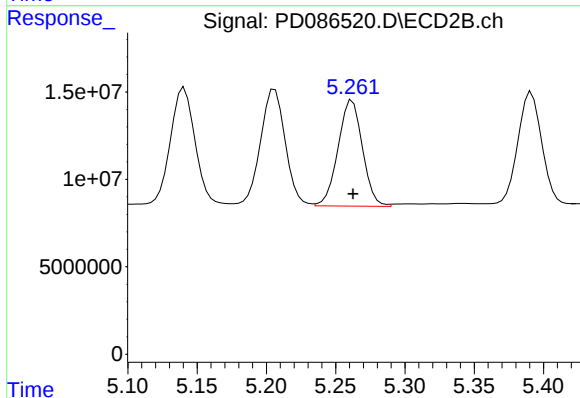
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 80890365
Conc: 6.14 ng/ml



#9 Endosulfan I

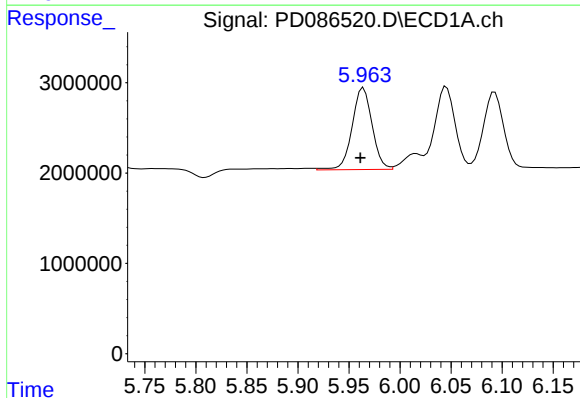
R.T.: 6.093 min
Delta R.T.: 0.003 min
Response: 11537498
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



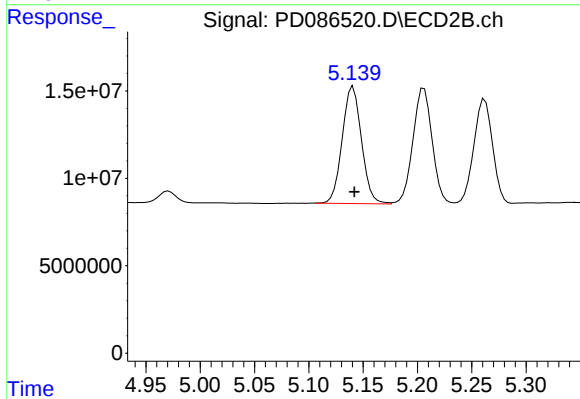
#9 Endosulfan I

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 74421334
Conc: 5.99 ng/ml



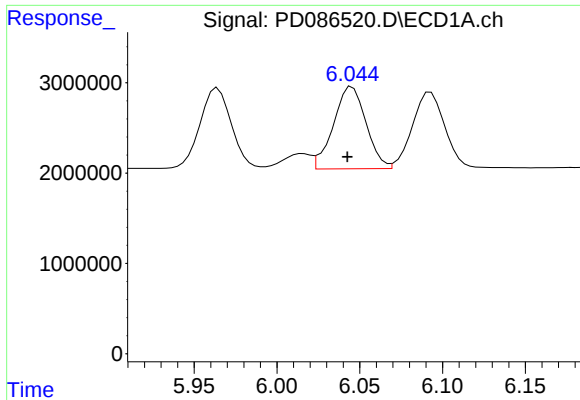
#10 gamma-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.003 min
Response: 12309066
Conc: 5.11 ng/ml



#10 gamma-Chlordane

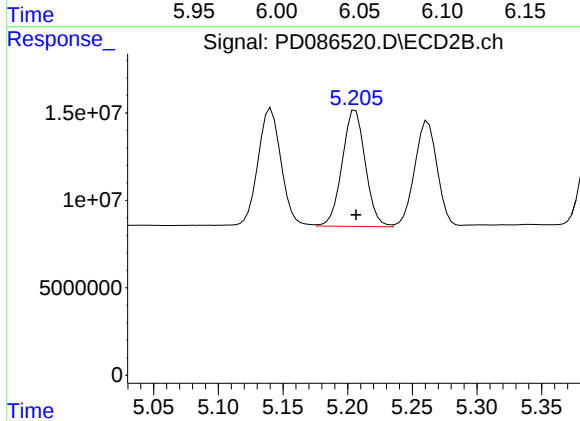
R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 82705291
Conc: 6.08 ng/ml



#11 alpha-Chlordane

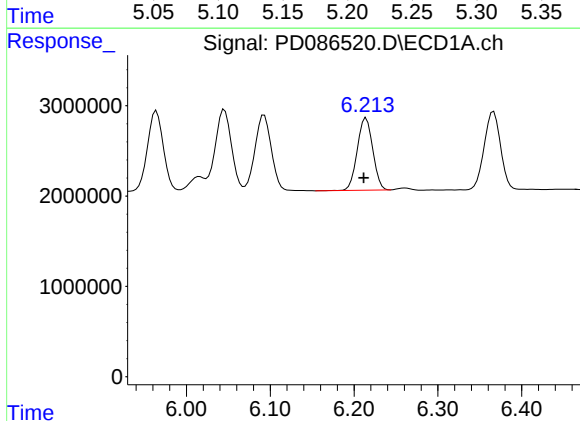
R.T.: 6.045 min
Delta R.T.: 0.003 min
Response: 12487728
Conc: 5.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



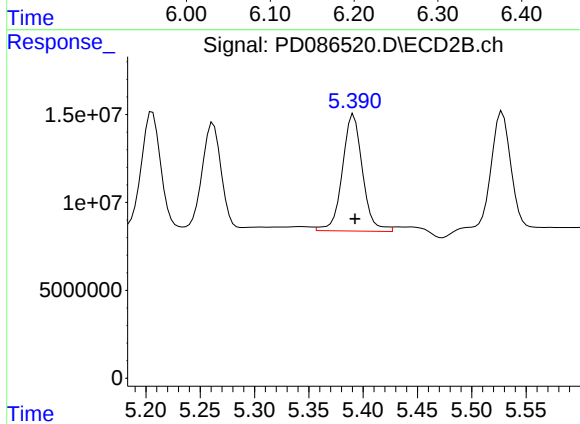
#11 alpha-Chlordane

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 82697427
Conc: 6.18 ng/ml



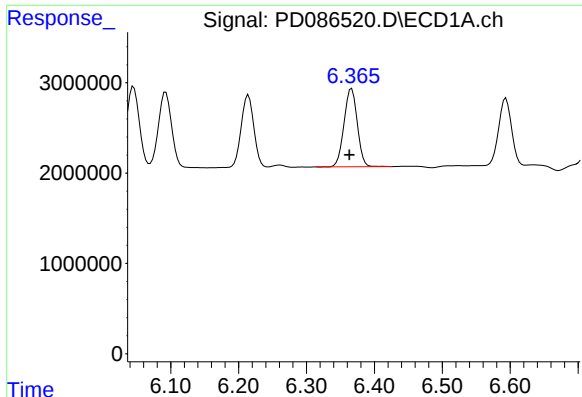
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 10287430
Conc: 4.60 ng/ml



#12 4,4'-DDE

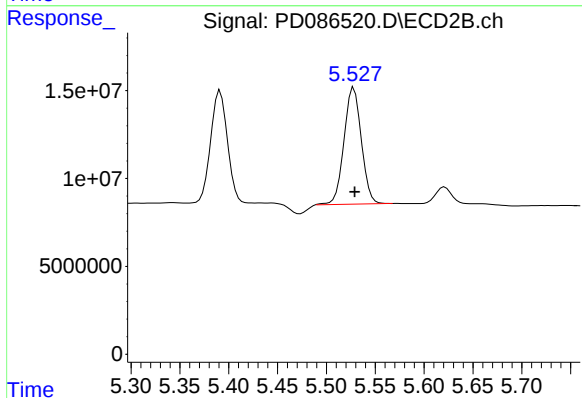
R.T.: 5.391 min
Delta R.T.: -0.001 min
Response: 85877523
Conc: 6.56 ng/ml



#13 Dieldrin

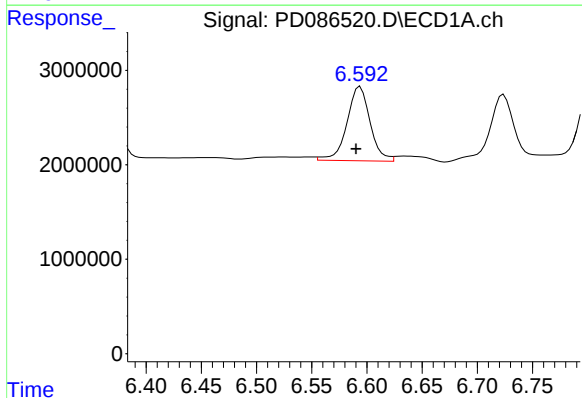
R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 11769297
Conc: 4.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



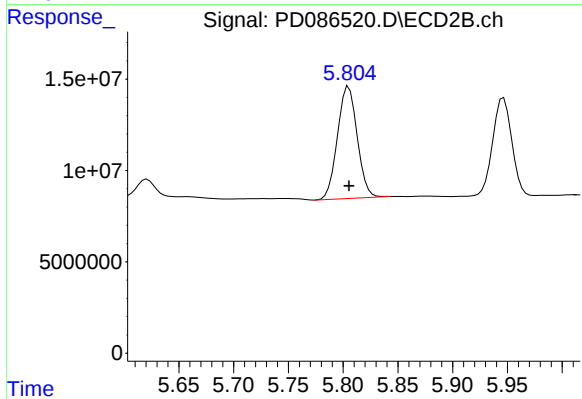
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 82013491
Conc: 6.02 ng/ml



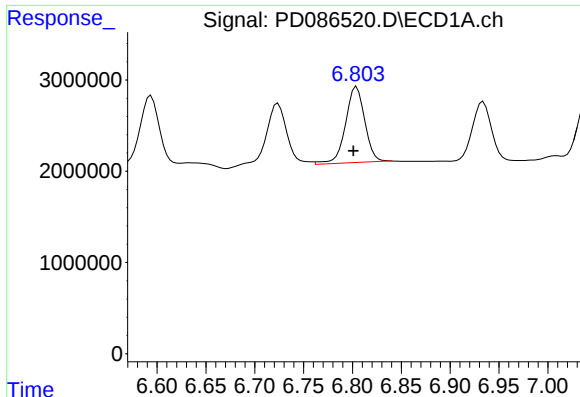
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.004 min
Response: 11450533
Conc: 5.31 ng/ml



#14 Endrin

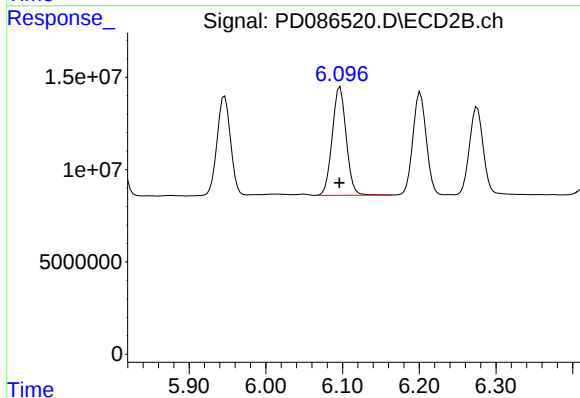
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 76776019
Conc: 6.26 ng/ml



#15 Endosulfan II

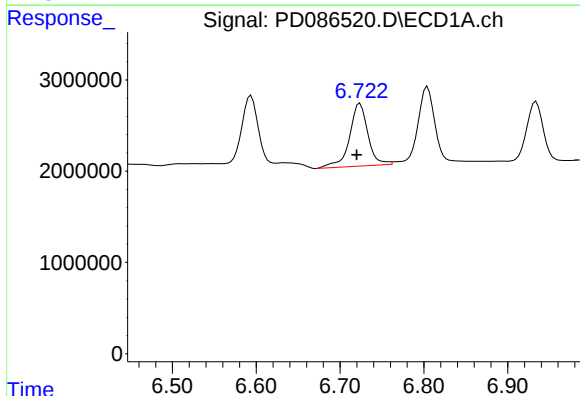
R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 11432853
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



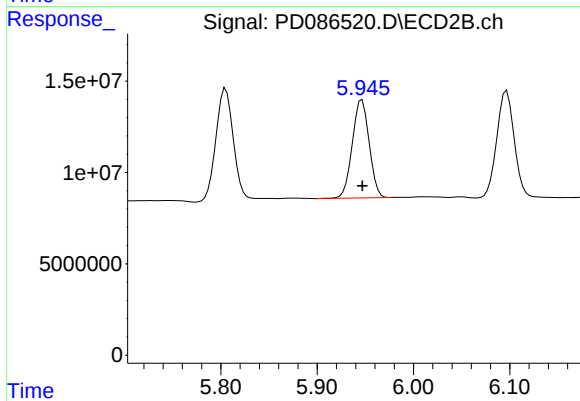
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 74094647
Conc: 6.17 ng/ml



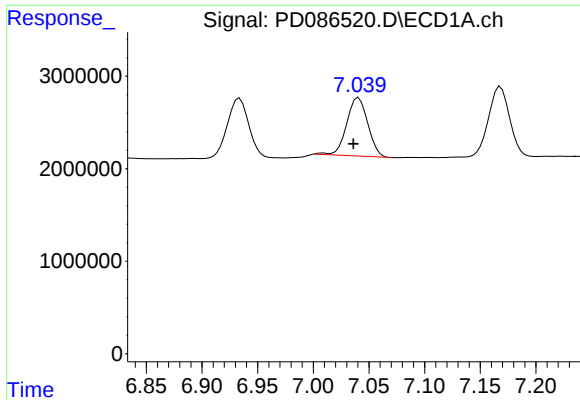
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.004 min
Response: 10477310
Conc: 5.80 ng/ml



#16 4,4'-DDD

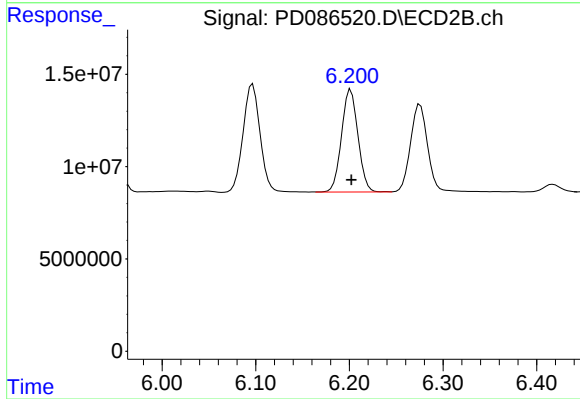
R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 65123383
Conc: 5.91 ng/ml



#17 4,4'-DDT

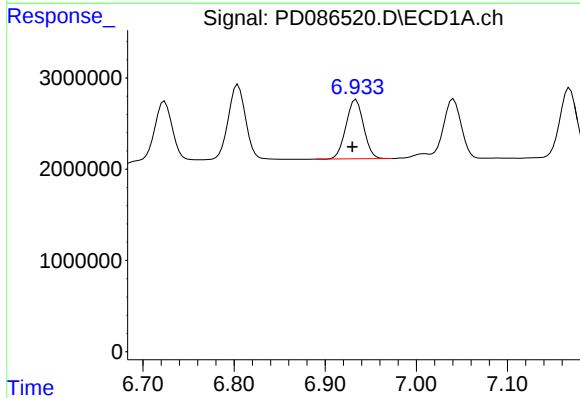
R.T.: 7.041 min
Delta R.T.: 0.005 min
Response: 8305317
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



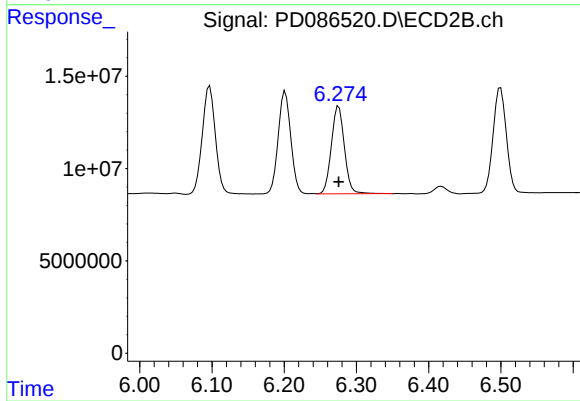
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 67825507
Conc: 5.85 ng/ml



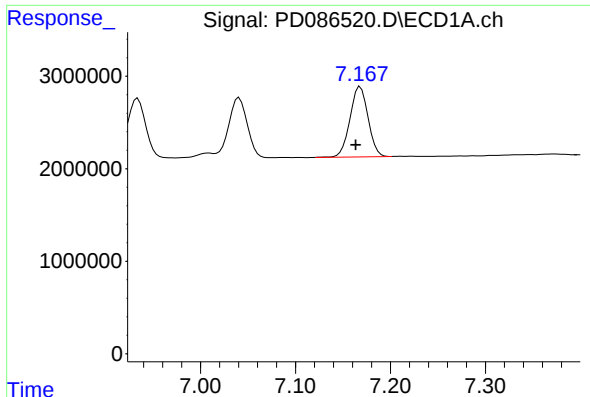
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.004 min
Response: 8710952
Conc: 5.27 ng/ml



#18 Endrin aldehyde

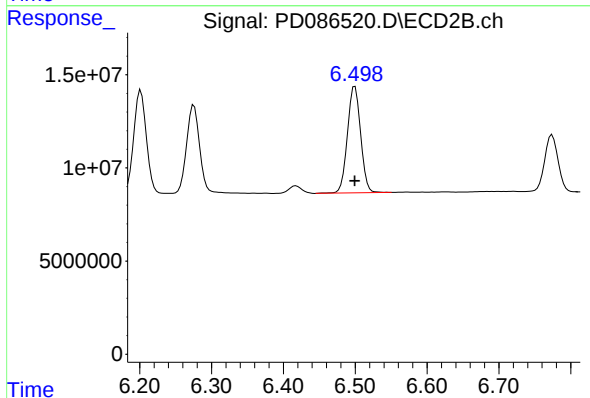
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 59808636
Conc: 6.38 ng/ml



#19 Endosulfan Sulfate

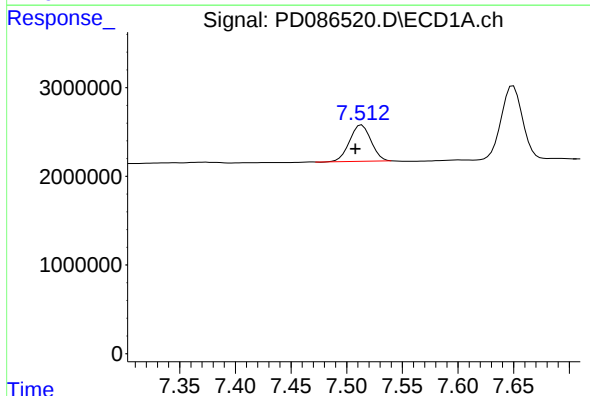
R.T.: 7.168 min
Delta R.T.: 0.005 min
Response: 10035733
Conc: 4.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



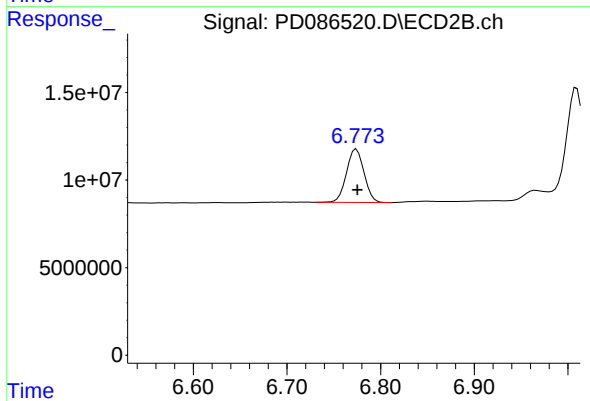
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 72846701
Conc: 6.29 ng/ml



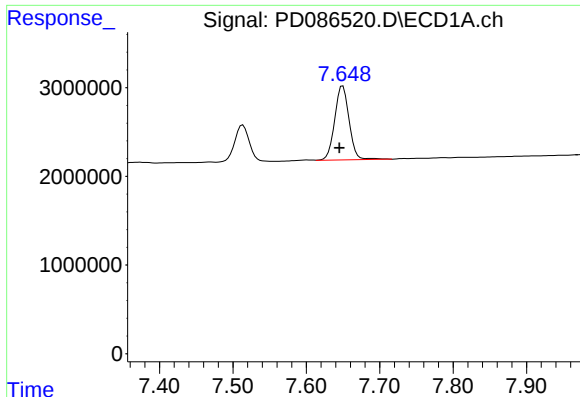
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.006 min
Response: 5500722
Conc: 5.09 ng/ml



#20 Methoxychlor

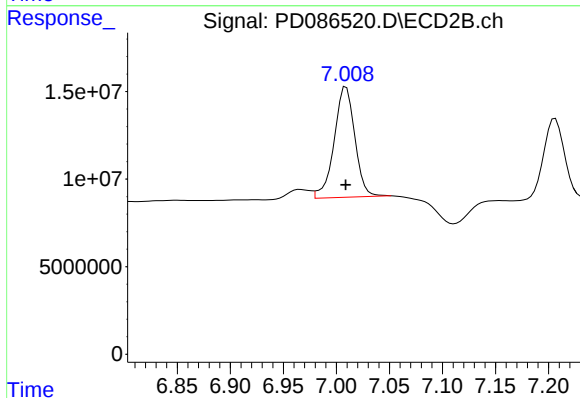
R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 39692623
Conc: 6.28 ng/ml



#21 Endrin ketone

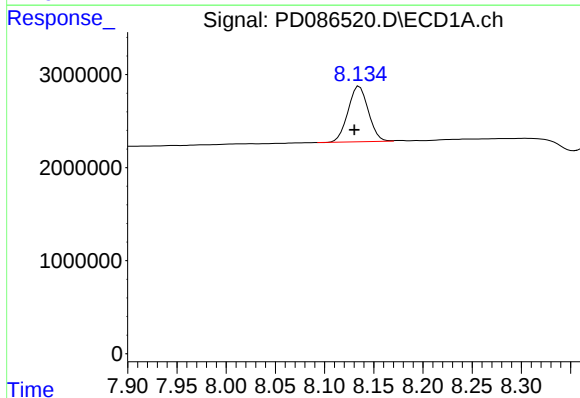
R.T.: 7.650 min
Delta R.T.: 0.005 min
Response: 11407079
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



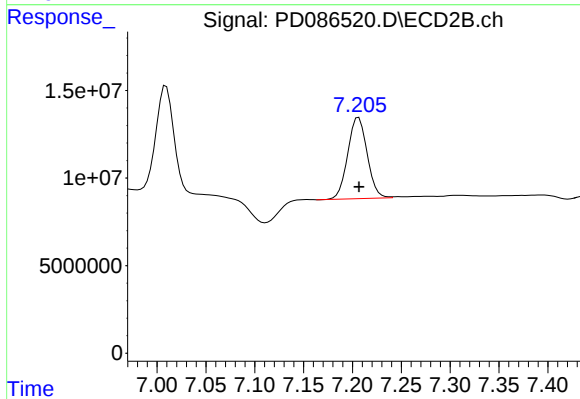
#21 Endrin ketone

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 85510202
Conc: 6.72 ng/ml



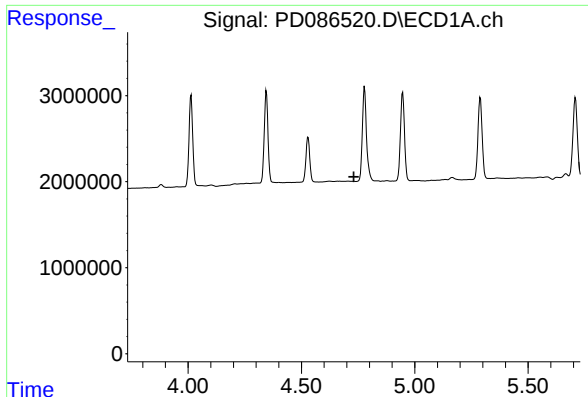
#22 Mirex

R.T.: 8.135 min
Delta R.T.: 0.005 min
Response: 8546258
Conc: 5.16 ng/ml



#22 Mirex

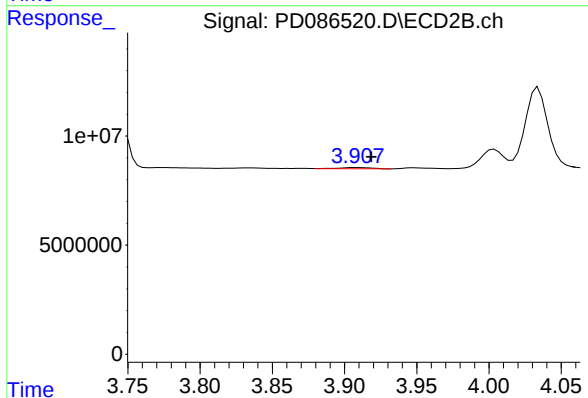
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 64141045
Conc: 6.17 ng/ml



#23 Chlordane-1

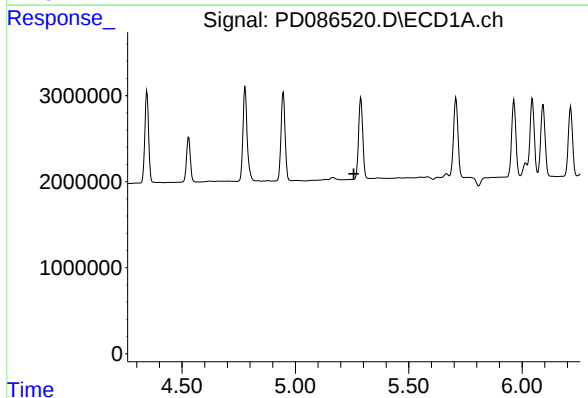
R.T.: 0.000 min
Exp R.T.: 4.731 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



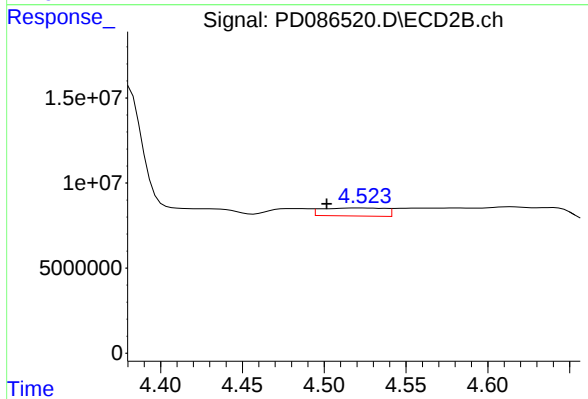
#23 Chlordane-1

R.T.: 3.909 min
Delta R.T.: -0.010 min
Response: 825002
Conc: 1.77 ng/ml



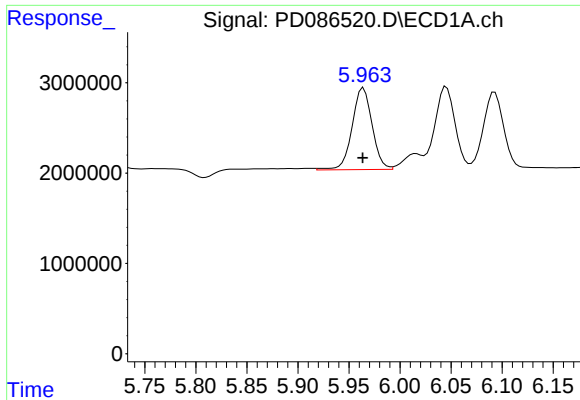
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.257 min
Response: 0
Conc: N.D.



#24 Chlordane-2

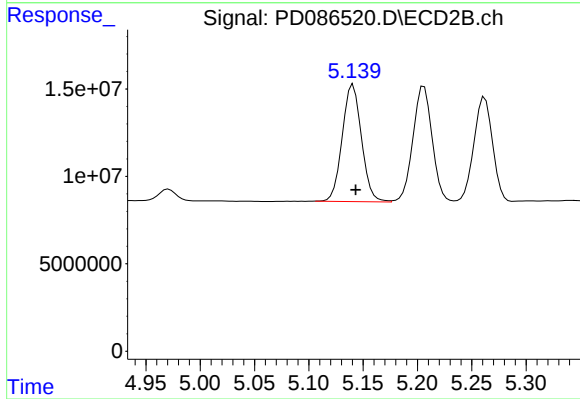
R.T.: 4.519 min
Delta R.T.: 0.018 min
Response: 12548334
Conc: 25.33 ng/ml



#25 Chlordane-3

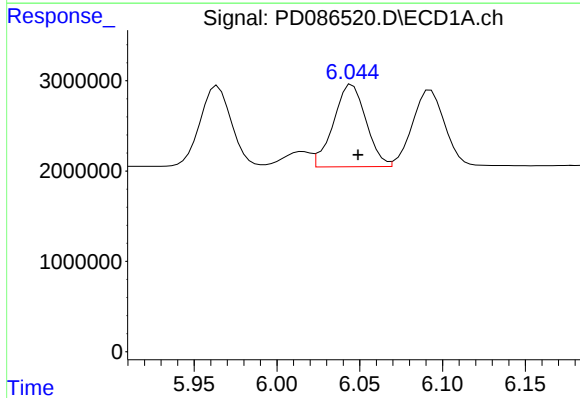
R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 12309066
Conc: 32.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



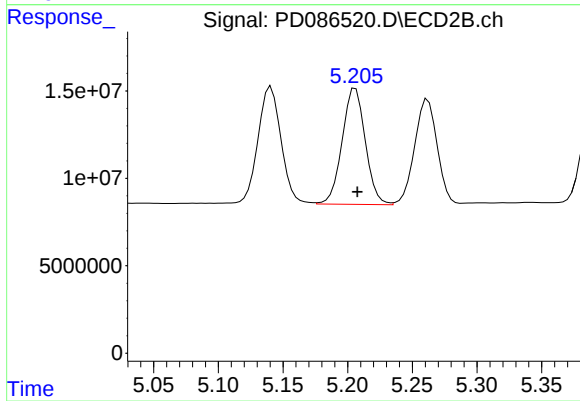
#25 Chlordane-3

R.T.: 5.141 min
Delta R.T.: -0.002 min
Response: 82705291
Conc: 55.55 ng/ml



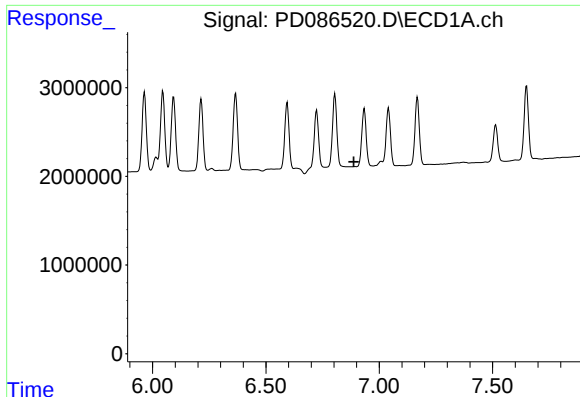
#26 Chlordane-4

R.T.: 6.045 min
Delta R.T.: -0.004 min
Response: 12487728
Conc: 27.18 ng/ml



#26 Chlordane-4

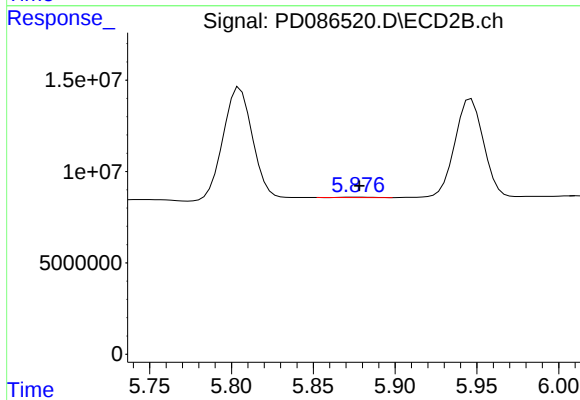
R.T.: 5.206 min
Delta R.T.: -0.002 min
Response: 82697427
Conc: 65.83 ng/ml



#27 Chlordane-5

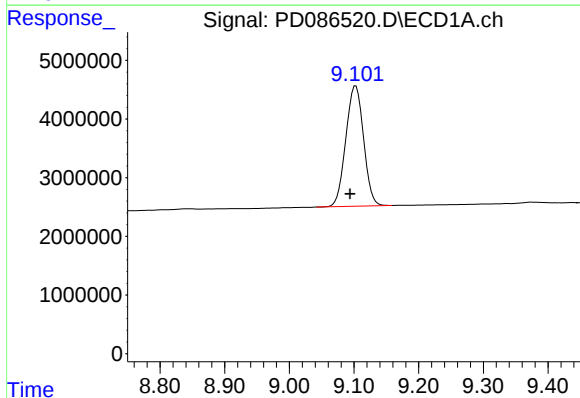
R.T.: 0.000 min
Exp R.T.: 6.888 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024



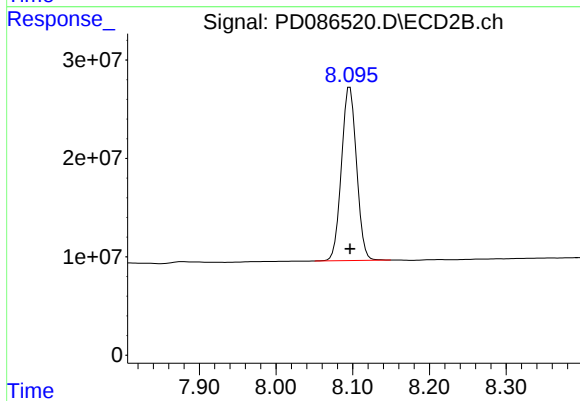
#27 Chlordane-5

R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 257735
Conc: 0.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: 0.009 min
Response: 39234806
Conc: 20.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 241547020
Conc: 22.55 ng/ml