

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101824\
 Data File : PD086102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2024 14:08
 Operator : AR\AJ
 Sample : P4368-02
 Misc : CHLOR LOQ 50PPB SOIL
 ALS Vial : 10 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: Oct 18 03:26:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 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...	3.451	2.876	24160574	130.0E6	19.901	20.819
2)	SA Decachlor...	8.907	8.059	43248688	126.8E6	20.028	23.811
Target Compounds							
2)	A alpha-BHC	3.917f	3.378	265234	266314	0.123	0.029 #
3)	MA gamma-BHC...	0.000	3.723	0	3274723	N.D.	0.382 #
4)	MA Heptachlor	4.815	4.071	4262007	21179670	2.133	2.965 #
5)	MB Aldrin	5.124f	4.370	5012538	68607076	2.199	7.959 #
6)	B beta-BHC	4.374f	4.020	172185	4042796	0.193	1.096 #
7)	B delta-BHC	4.672f	4.251	-1041332	49227019	N.D.	5.948
8)	B Heptachlo...	5.565	0.000	42219862	0	20.249	N.D. #
9)	A Endosulfan I	5.912f	5.212f	19277595	14109211	9.913	2.059 #
10)	B gamma-Chl...	5.828	5.112	11474463	47890239	5.698	6.334
11)	B alpha-Chl...	5.912	5.176	19277595	68491784	9.440	9.098
13)	MA Dieldrin	6.233f	5.482f	489228	5263959	0.239	0.695 #
14)	MA Endrin	0.000	5.784	0	60327384	N.D.	9.698 #
15)	B Endosulfa...	6.663	6.077	5157182	25735412	2.819	4.062 #
16)	A 4,4'-DDD	6.572	5.911	7543637	-1179359	5.515	N.D. #
17)	MA 4,4'-DDT	0.000	6.170	0	3698751	N.D.	0.701 #
19)	B Endosulfa...	7.029	0.000	1589322	0	0.915	N.D. #
20)	A Methoxychlor	0.000	6.736	0	2167970	N.D.	0.811 #
22)	Mirex	7.991f	7.173	8719607	3327166	5.155	0.568 #
23)	Chlordane-1	4.602	3.894	747476	20508144	9.947	73.272 #
24)	Chlordane-2	5.124	4.475	5012538	34475031	60.058	111.883 #
25)	Chlordane-3	5.828	5.112	11474463	47890239	36.099	59.177 #
26)	Chlordane-4	5.912	5.176	19277595	68491784	49.045	93.934 #
27)	Chlordane-5	0.000	6.077	0	25735412	N.D.	85.029 #

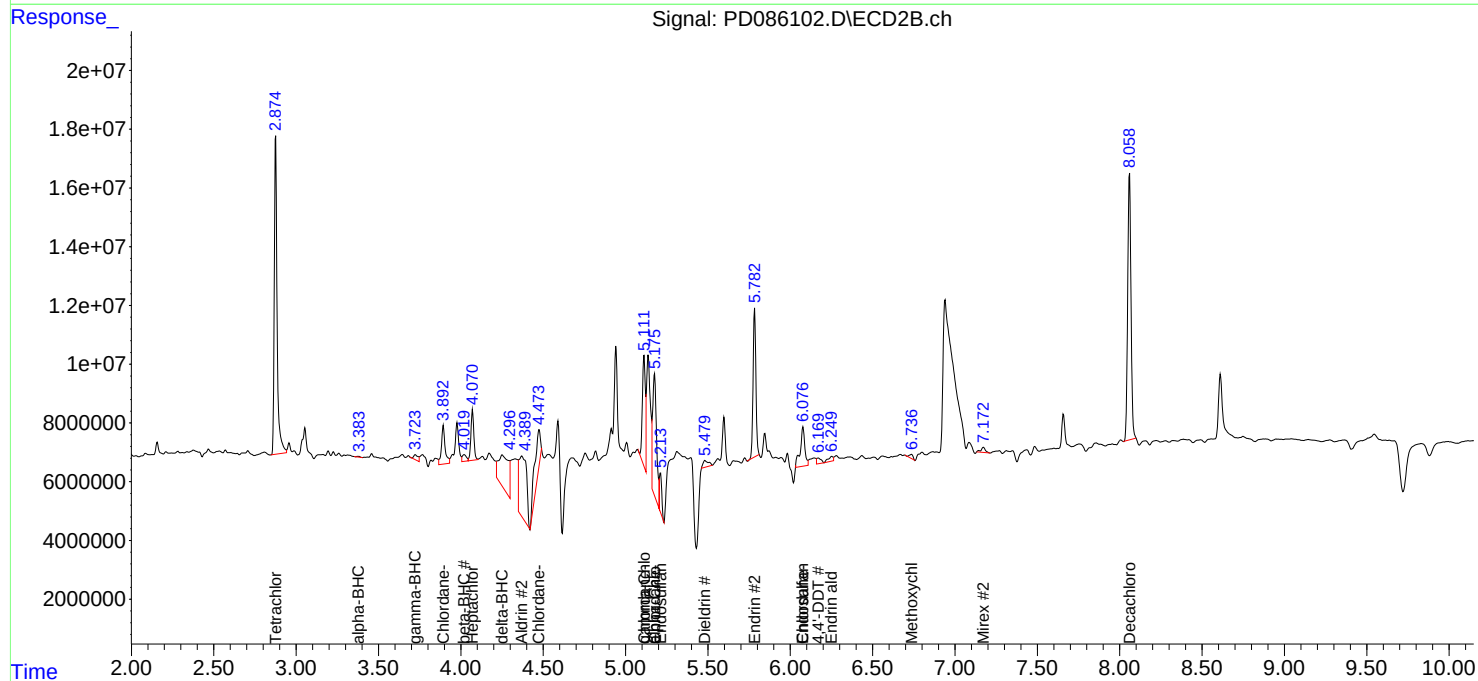
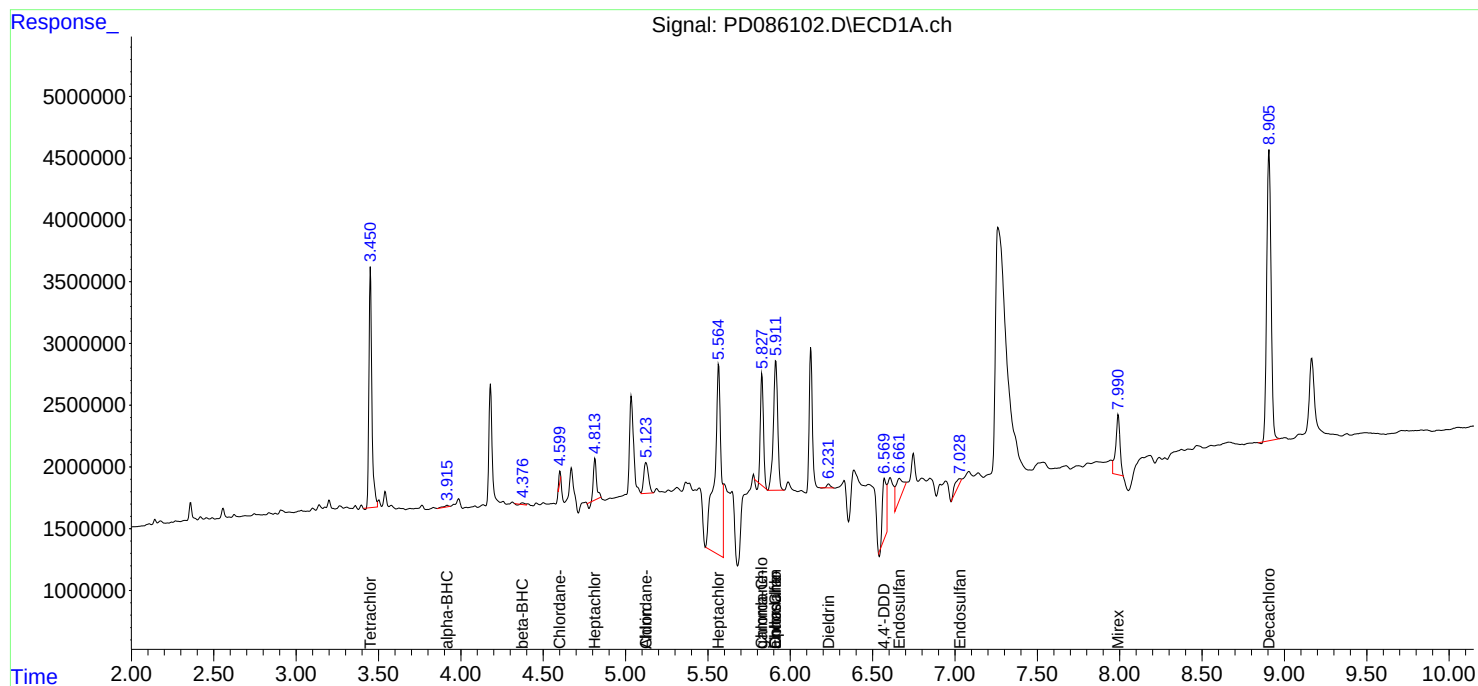
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

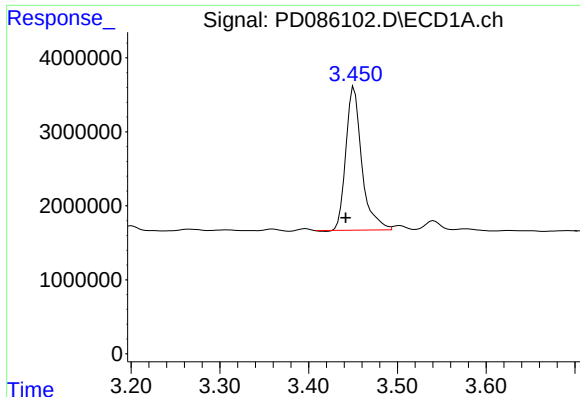
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101824\
Data File : PD086102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2024 14:08
Operator : AR\AJ
Sample : P4368-02
Misc : CHLOR LOQ 50PPB SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 03:26:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 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

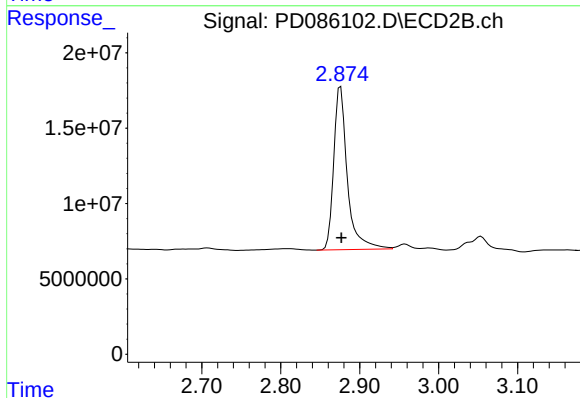




#1 Tetrachloro-m-xylene

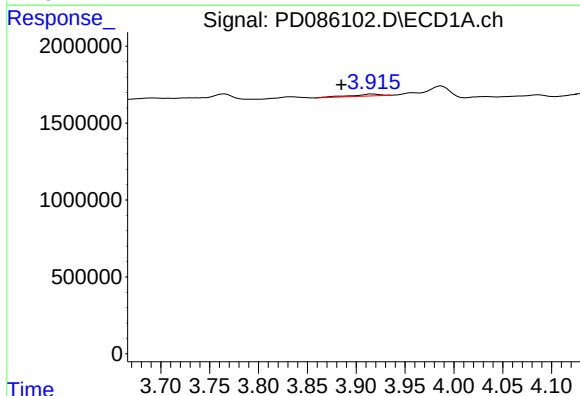
R.T.: 3.451 min
Delta R.T.: 0.009 min
Response: 24160574
Conc: 19.90 ng/ml

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



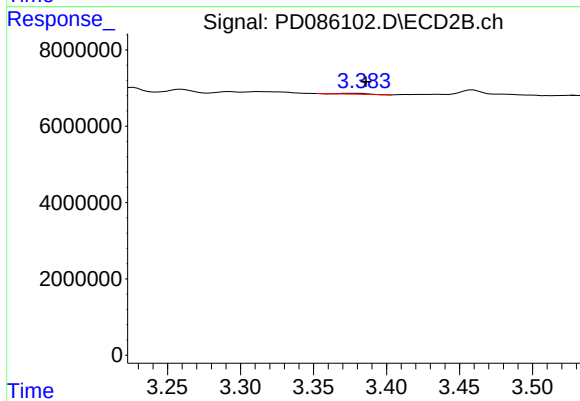
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 129968480
Conc: 20.82 ng/ml



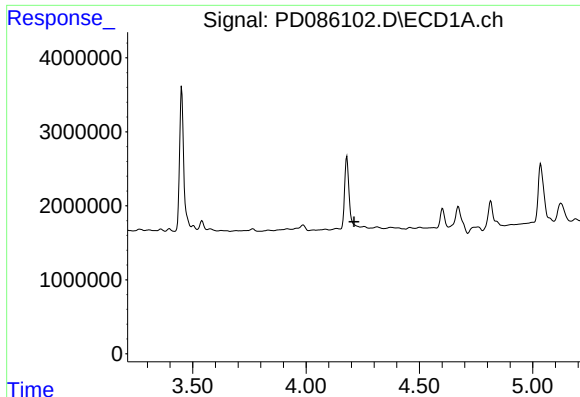
#2 alpha-BHC

R.T.: 3.917 min
Delta R.T.: 0.032 min
Response: 265234
Conc: 0.12 ng/ml



#2 alpha-BHC

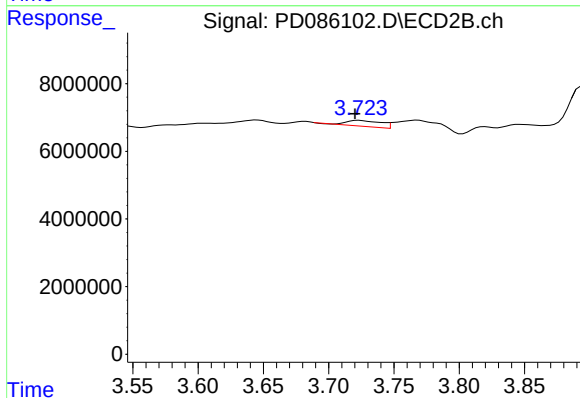
R.T.: 3.378 min
Delta R.T.: -0.008 min
Response: 266314
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

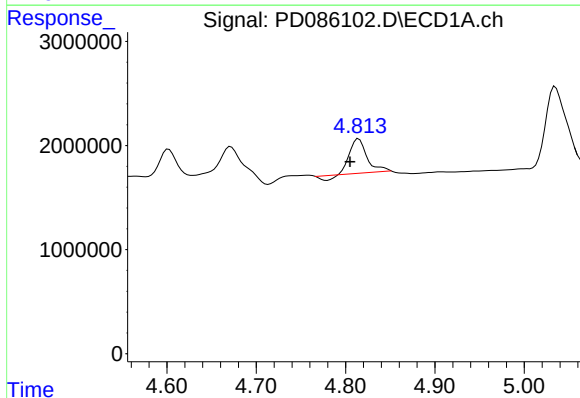
R.T.: 0.000 min
Exp R.T.: 4.213 min
Response: 0
Conc: N.D.

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



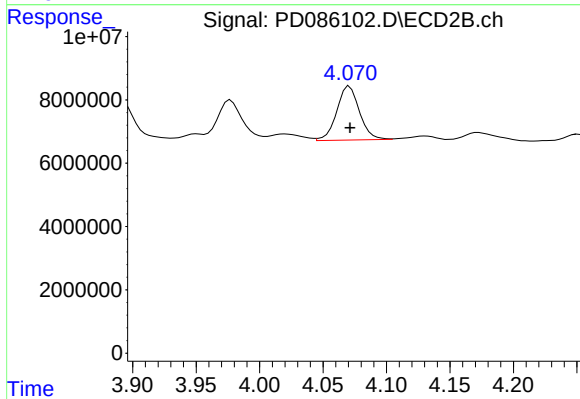
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.003 min
Response: 3274723
Conc: 0.38 ng/ml



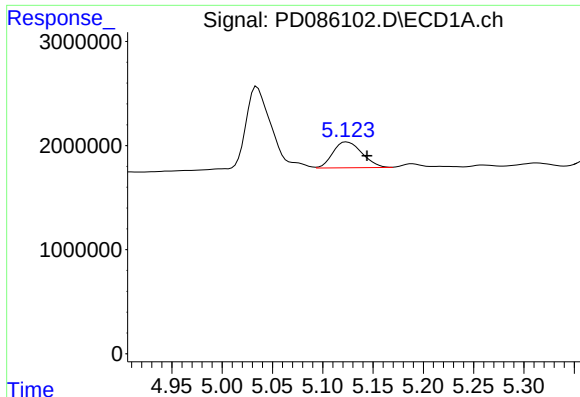
#4 Heptachlor

R.T.: 4.815 min
Delta R.T.: 0.010 min
Response: 4262007
Conc: 2.13 ng/ml



#4 Heptachlor

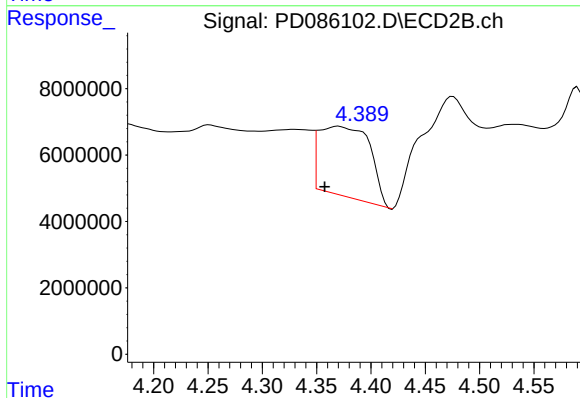
R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 21179670
Conc: 2.97 ng/ml



#5 Aldrin

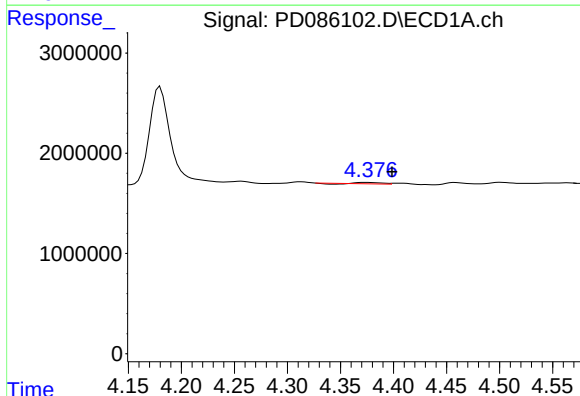
R.T.: 5.124 min
Delta R.T.: -0.020 min
Response: 5012538
Conc: 2.20 ng/ml

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



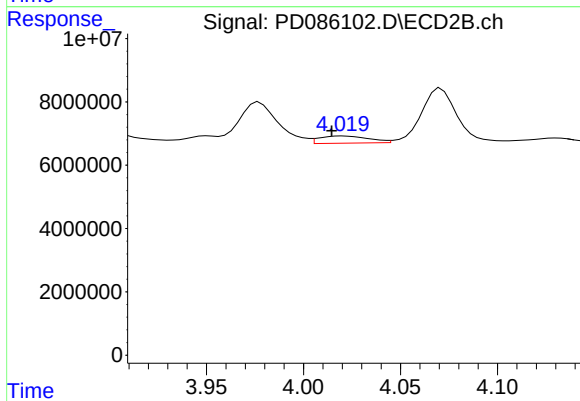
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: 0.013 min
Response: 68607076
Conc: 7.96 ng/ml



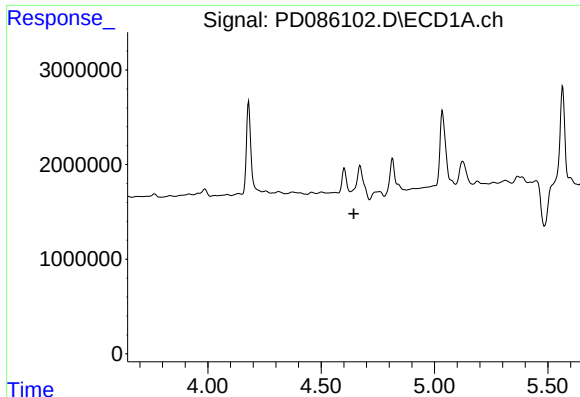
#6 beta-BHC

R.T.: 4.374 min
Delta R.T.: -0.025 min
Response: 172185
Conc: 0.19 ng/ml



#6 beta-BHC

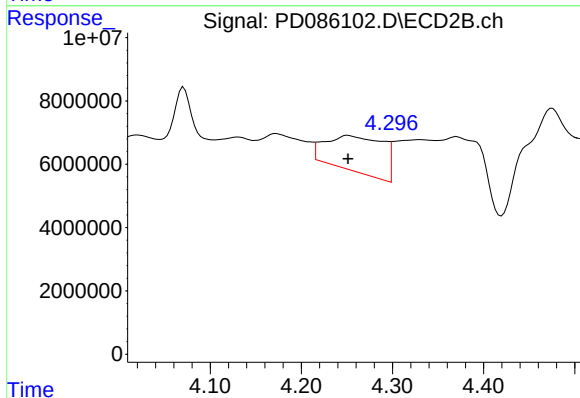
R.T.: 4.020 min
Delta R.T.: 0.006 min
Response: 4042796
Conc: 1.10 ng/ml



#7 delta-BHC

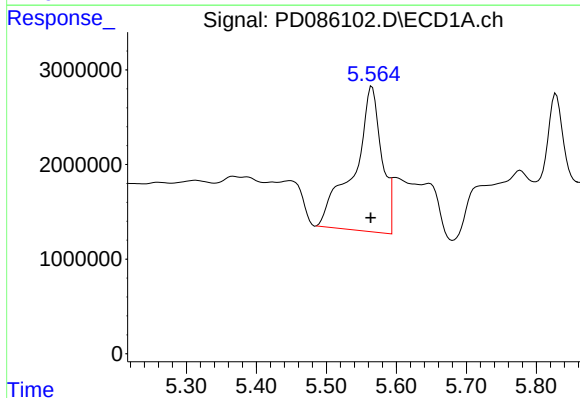
R.T.: 4.672 min
Delta R.T.: 0.028 min
Response: -1041332
Conc: N.D.

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



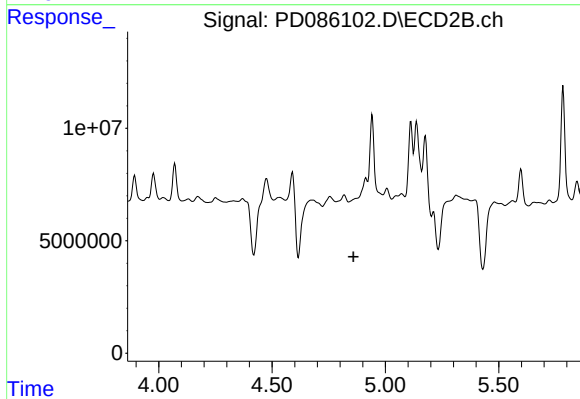
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: 0.000 min
Response: 49227019
Conc: 5.95 ng/ml



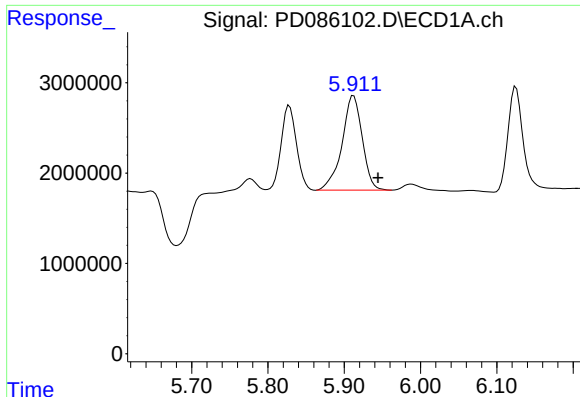
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: 0.002 min
Response: 42219862
Conc: 20.25 ng/ml



#8 Heptachlor epoxide

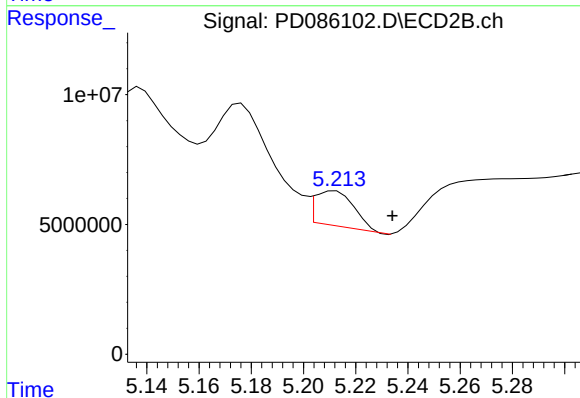
R.T.: 0.000 min
Exp R.T. : 4.860 min
Response: 0
Conc: N.D.



#9 Endosulfan I

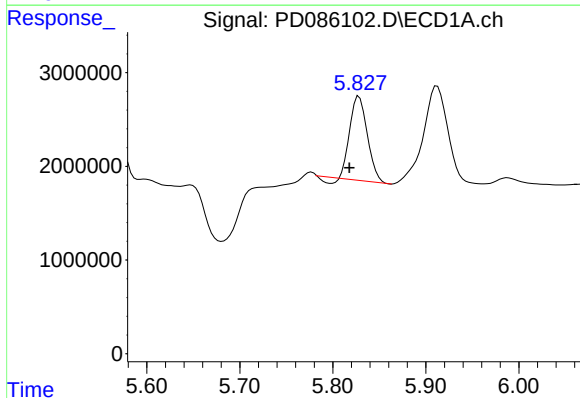
R.T.: 5.912 min
Delta R.T.: -0.032 min
Response: 19277595
Conc: 9.91 ng/ml

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



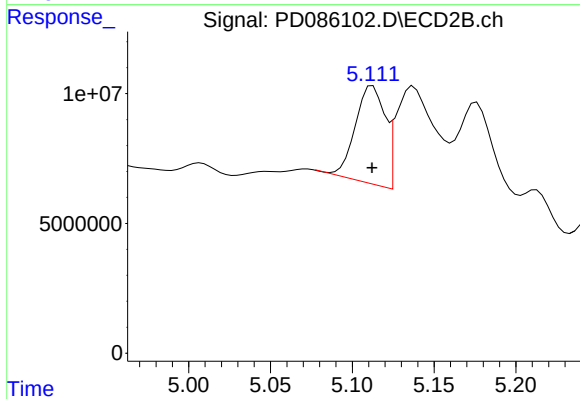
#9 Endosulfan I

R.T.: 5.212 min
Delta R.T.: -0.022 min
Response: 14109211
Conc: 2.06 ng/ml



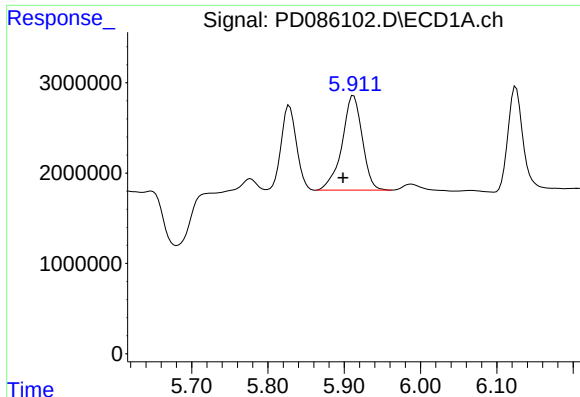
#10 gamma-Chlordane

R.T.: 5.828 min
Delta R.T.: 0.010 min
Response: 11474463
Conc: 5.70 ng/ml



#10 gamma-Chlordane

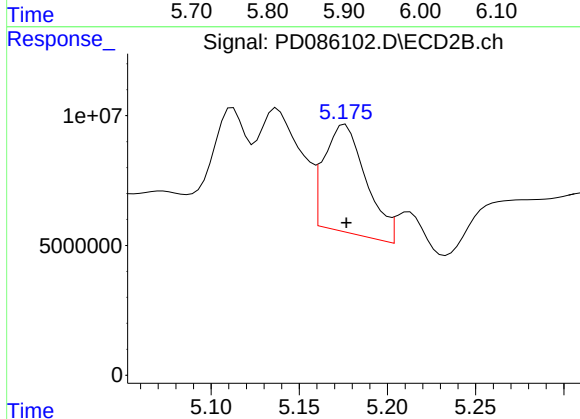
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 47890239
Conc: 6.33 ng/ml



#11 alpha-Chlordane

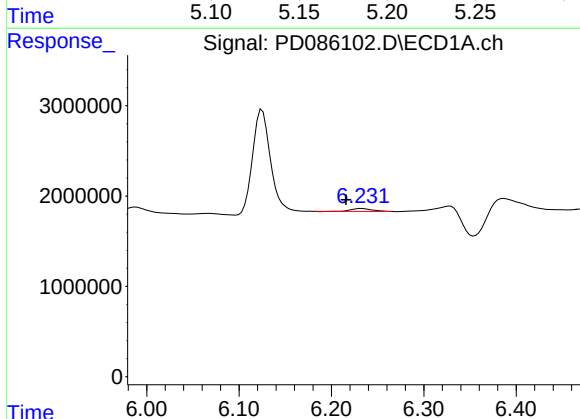
R.T.: 5.912 min
Delta R.T.: 0.014 min
Response: 19277595
Conc: 9.44 ng/ml

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



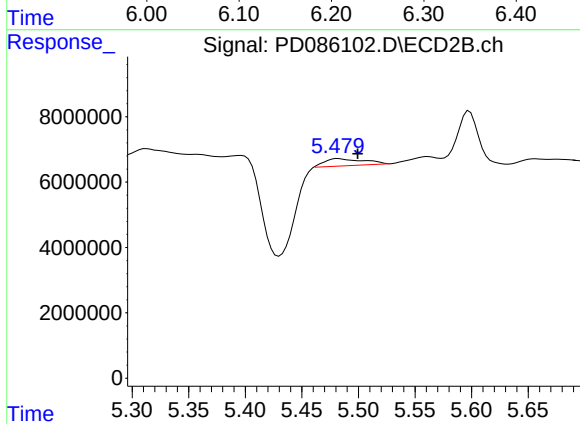
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 68491784
Conc: 9.10 ng/ml



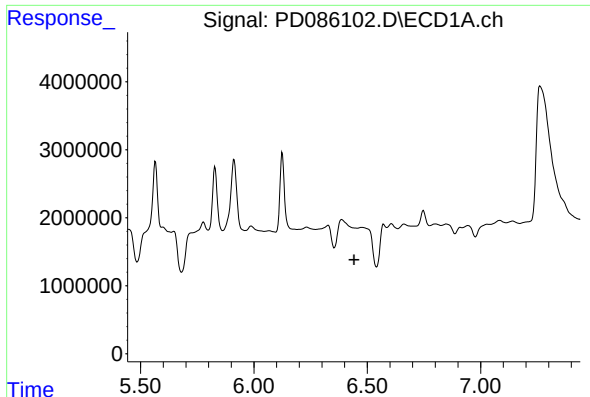
#13 Dieldrin

R.T.: 6.233 min
Delta R.T.: 0.017 min
Response: 489228
Conc: 0.24 ng/ml



#13 Dieldrin

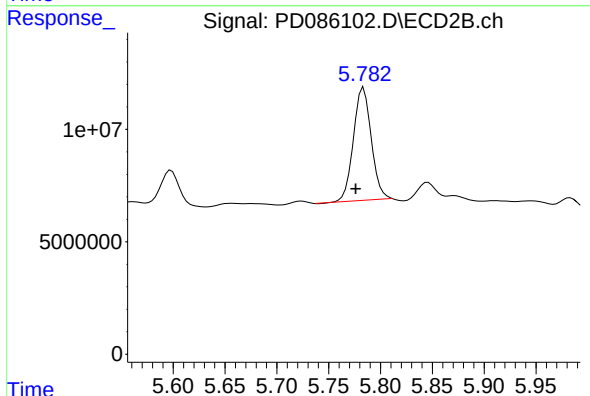
R.T.: 5.482 min
Delta R.T.: -0.017 min
Response: 5263959
Conc: 0.70 ng/ml



#14 Endrin

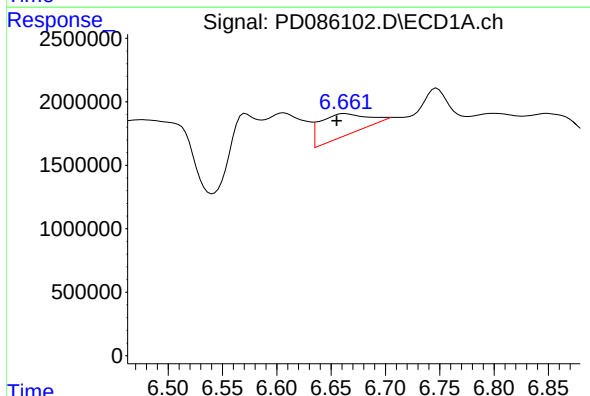
R.T.: 0.000 min
Exp R.T.: 6.442 min
Response: 0
Conc: N.D.

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



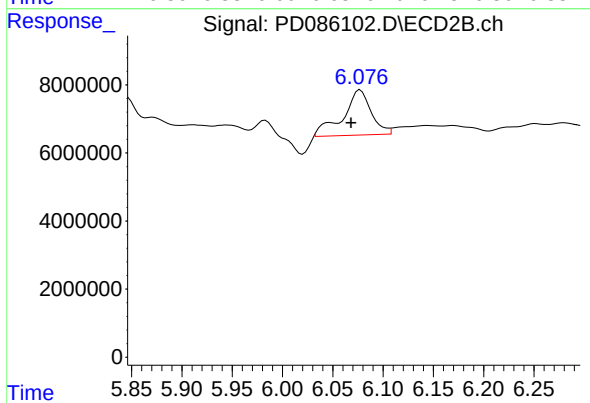
#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.008 min
Response: 60327384
Conc: 9.70 ng/ml



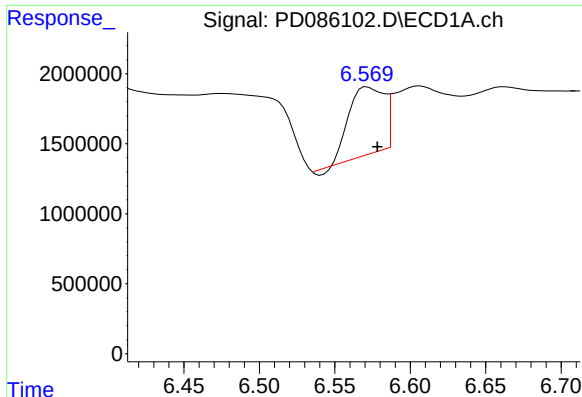
#15 Endosulfan II

R.T.: 6.663 min
Delta R.T.: 0.008 min
Response: 5157182
Conc: 2.82 ng/ml



#15 Endosulfan II

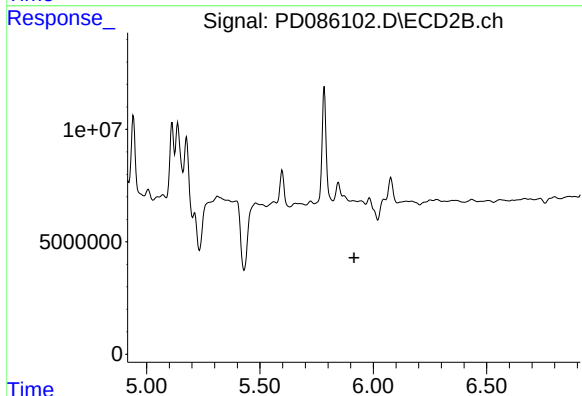
R.T.: 6.077 min
Delta R.T.: 0.009 min
Response: 25735412
Conc: 4.06 ng/ml



#16 4,4'-DDD

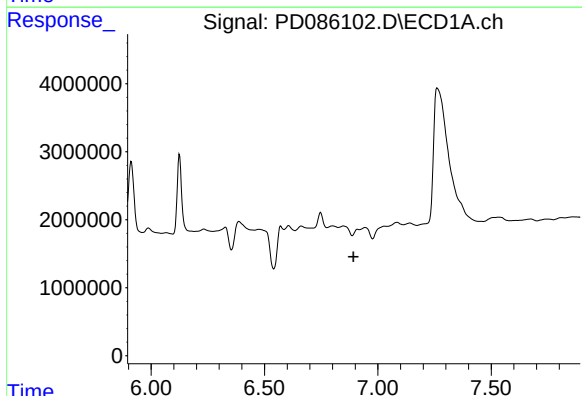
R.T.: 6.572 min
Delta R.T.: -0.007 min
Response: 7543637
Conc: 5.52 ng/ml

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



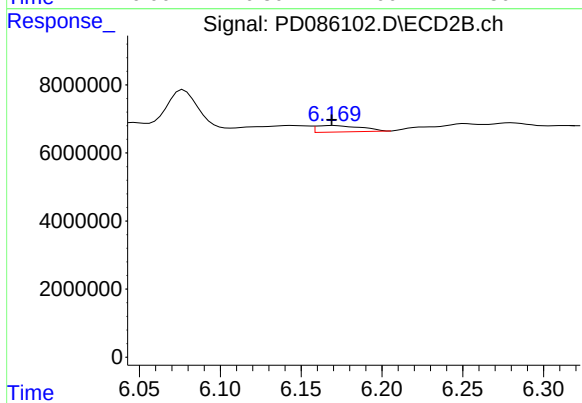
#16 4,4'-DDD

R.T.: 5.911 min
Delta R.T.: -0.004 min
Response: -1179359
Conc: N.D.



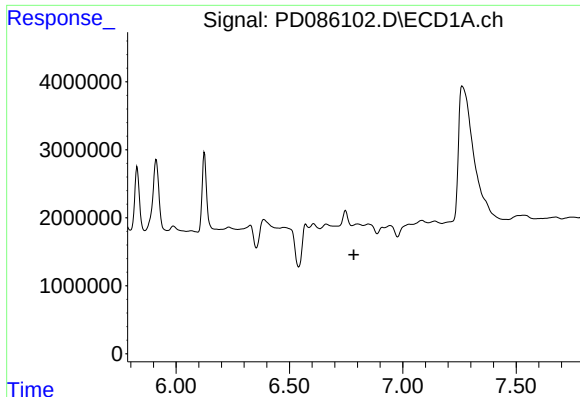
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 6.893 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

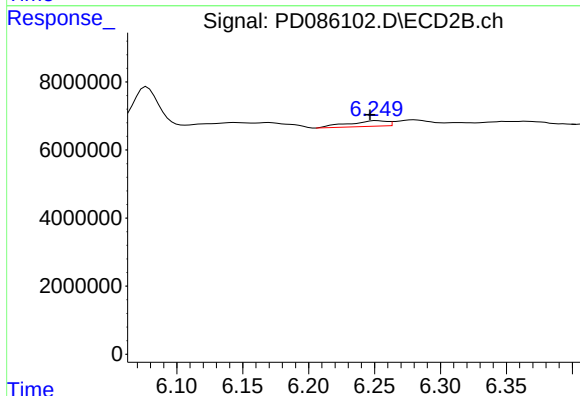
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 3698751
Conc: 0.70 ng/ml



#18 Endrin aldehyde

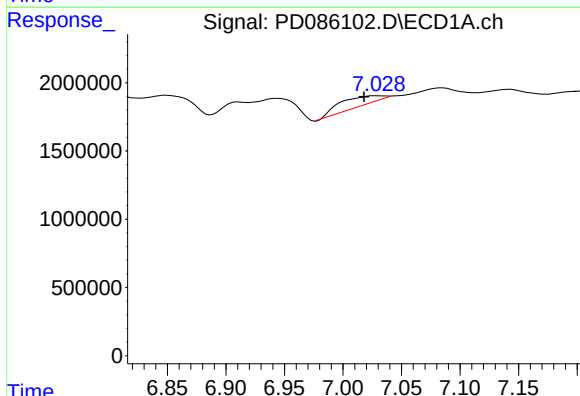
R.T.: 6.800 min
Delta R.T.: 0.017 min
Response: -1123644
Conc: N.D.

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



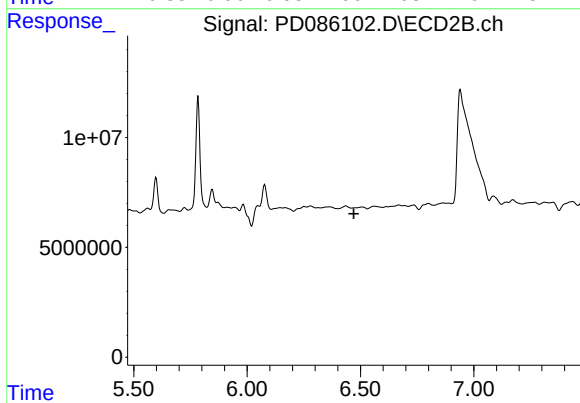
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.005 min
Response: 3382933
Conc: 0.65 ng/ml



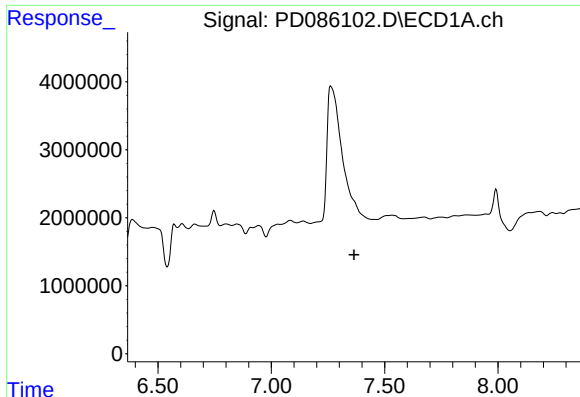
#19 Endosulfan Sulfate

R.T.: 7.029 min
Delta R.T.: 0.012 min
Response: 1589322
Conc: 0.91 ng/ml



#19 Endosulfan Sulfate

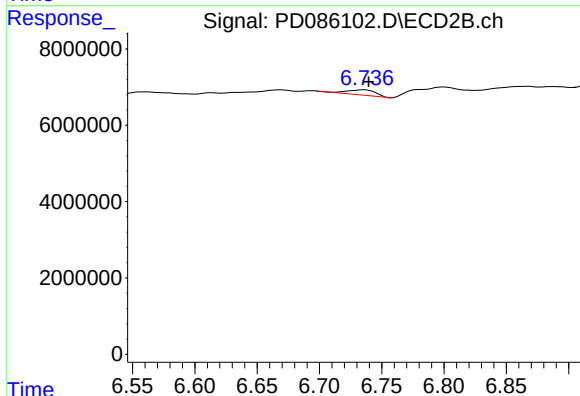
R.T.: 0.000 min
Exp R.T.: 6.471 min
Response: 0
Conc: N.D.



#20 Methoxychlor

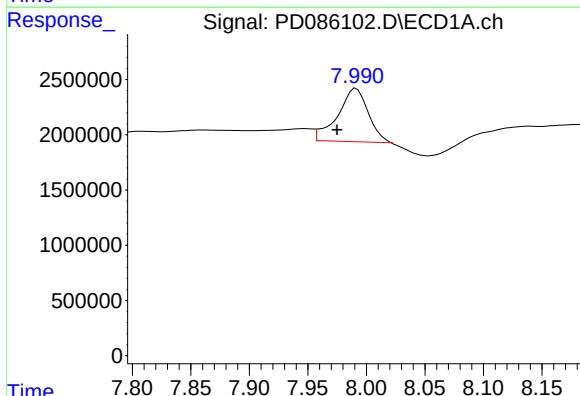
R.T.: 0.000 min
Exp R.T.: 7.366 min
Response: 0
Conc: N.D.

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



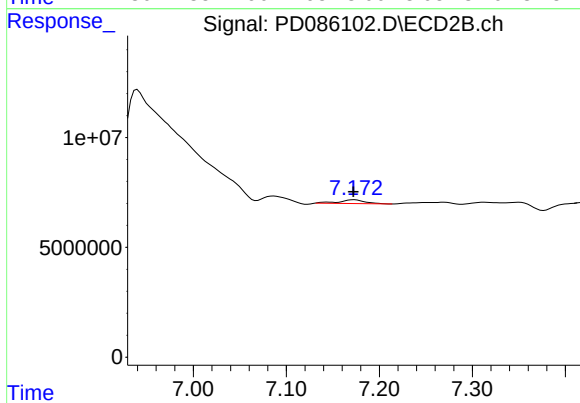
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: -0.003 min
Response: 2167970
Conc: 0.81 ng/ml



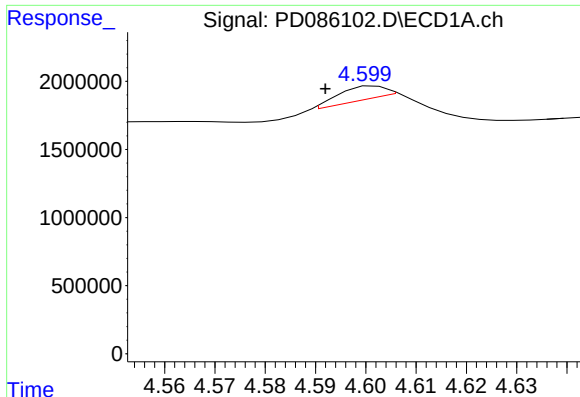
#22 Mirex

R.T.: 7.991 min
Delta R.T.: 0.016 min
Response: 8719607
Conc: 5.16 ng/ml



#22 Mirex

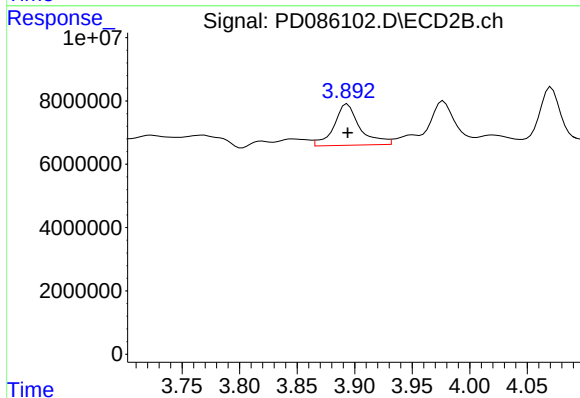
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 3327166
Conc: 0.57 ng/ml



#23 Chlordane-1

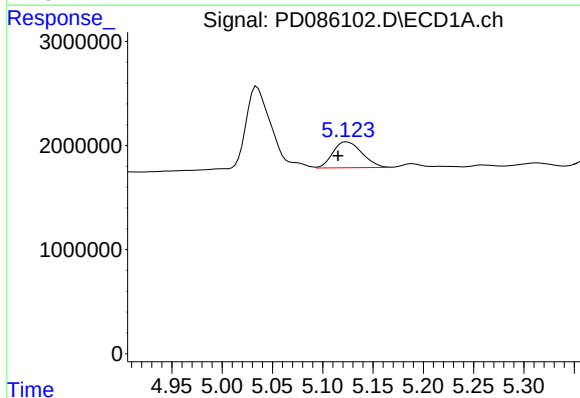
R.T.: 4.602 min
Delta R.T.: 0.010 min
Response: 747476
Conc: 9.95 ng/ml

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



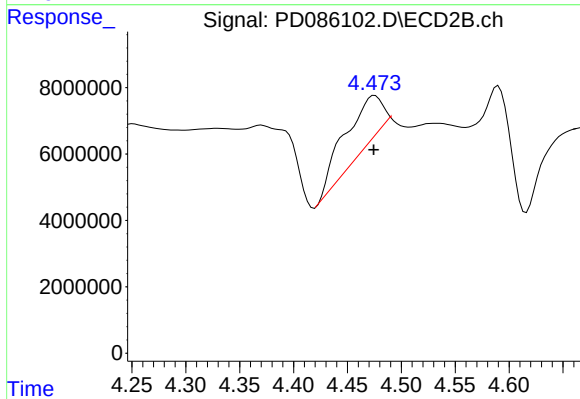
#23 Chlordane-1

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 20508144
Conc: 73.27 ng/ml



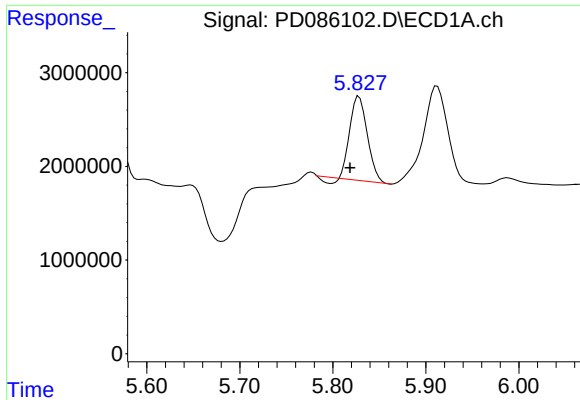
#24 Chlordane-2

R.T.: 5.124 min
Delta R.T.: 0.009 min
Response: 5012538
Conc: 60.06 ng/ml



#24 Chlordane-2

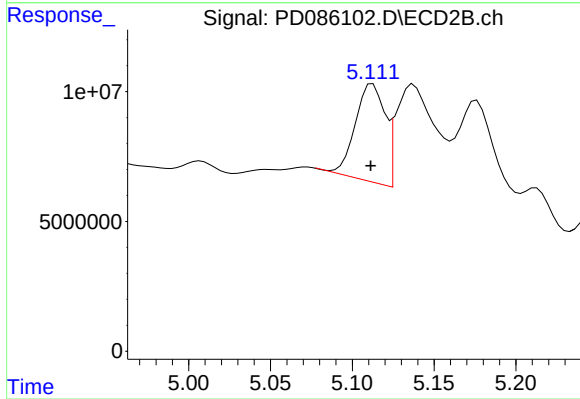
R.T.: 4.475 min
Delta R.T.: 0.001 min
Response: 34475031
Conc: 111.88 ng/ml



#25 Chlordane-3

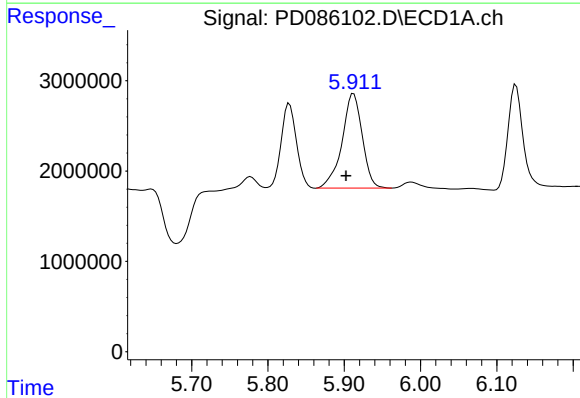
R.T.: 5.828 min
Delta R.T.: 0.010 min
Response: 11474463
Conc: 36.10 ng/ml

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



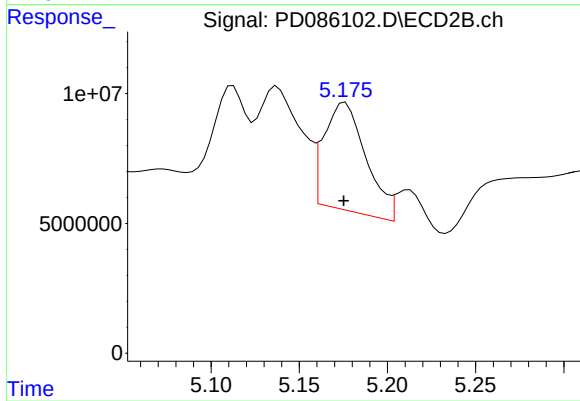
#25 Chlordane-3

R.T.: 5.112 min
Delta R.T.: 0.001 min
Response: 47890239
Conc: 59.18 ng/ml



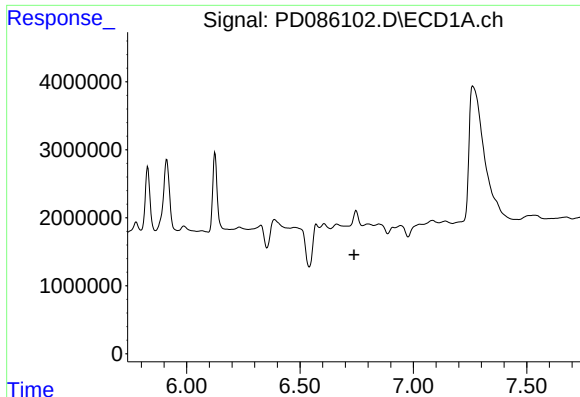
#26 Chlordane-4

R.T.: 5.912 min
Delta R.T.: 0.010 min
Response: 19277595
Conc: 49.05 ng/ml



#26 Chlordane-4

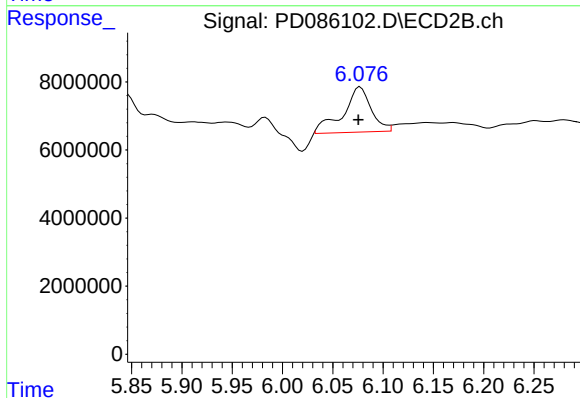
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 68491784
Conc: 93.93 ng/ml



#27 Chlordane-5

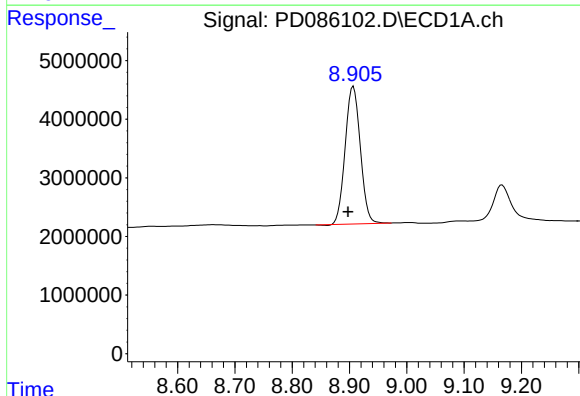
R.T.: 0.000 min
Exp R.T.: 6.738 min
Response: 0
Conc: N.D.

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



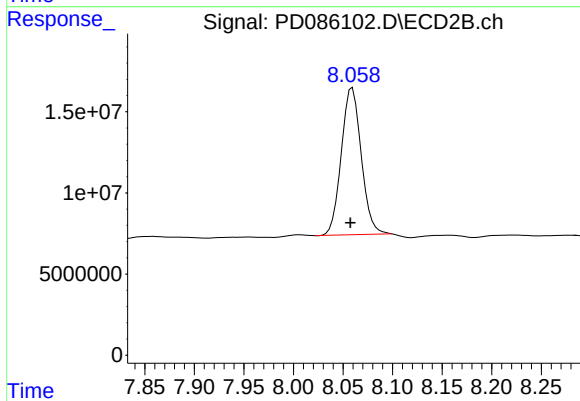
#27 Chlordane-5

R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 25735412
Conc: 85.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: 0.010 min
Response: 43248688
Conc: 20.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 126833631
Conc: 23.81 ng/ml