

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 17:48
 Operator : AR\AJ
 Sample : P3390--02
 Misc : CHLOR LOQ 50PPB/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:53:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.566	2.768	18388844	104.9E6	17.984	18.251
28)	SA Decachlor...	9.120	7.895	40985582	130.5E6	17.953	20.323
Target Compounds							
2)	A alpha-BHC	4.039f	3.258	97514	649074	0.050	0.073 #
3)	MA gamma-BHC...	4.384f	3.604	103429	549843	0.054	0.069 #
4)	MA Heptachlor	4.949	3.934	4331738	16290596	2.178	2.005
5)	MB Aldrin	5.267f	4.231	3436203	2083293	1.688	0.259 #
6)	B beta-BHC	0.000	3.896	0	558648	N.D.	0.159 #
7)	B delta-BHC	4.797	4.117	878141	1347998	0.483	0.162 #
8)	B Heptachlo...	5.705	0.000	1956180	0	1.097	N.D. #
9)	A Endosulfan I	0.000	5.071f	0	3237065	N.D.	0.469 #
10)	B gamma-Chl...	5.978	4.964	14066237	38331271	7.035	5.056 #
11)	B alpha-Chl...	6.061	5.027	17409811	37302314	8.731	4.995 #
12)	B 4,4'-DDE	0.000	5.214	0	57871	N.D.	0.008 #
13)	MA Dieldrin	6.394f	0.000	467911	0	0.227	N.D. #
14)	MA Endrin	0.000	5.632	0	2149371	N.D.	0.325 #
15)	B Endosulfa...	6.812f	5.921	638909	12149358	0.335	1.902 #
16)	A 4,4'-DDD	6.720f	5.750f	1556067	436961	1.027	0.079 #
19)	B Endosulfa...	7.201	6.322	-15617	523686	N.D.	0.086
22)	Mirex	0.000	7.004	0	17044	N.D.	0.003 #
23)	Chlordane-1	4.734	3.760	2689133	9954124	43.793	42.566
24)	Chlordane-2	5.267	4.335	3436203	13804169	49.461	49.187
25)	Chlordane-3	5.978	4.964	14066237	38331271	46.265	49.279
26)	Chlordane-4	6.061	5.027	17409811	37302314	47.349	48.667
27)	Chlordane-5	6.914	5.921	2741156	12149358	40.358	43.974

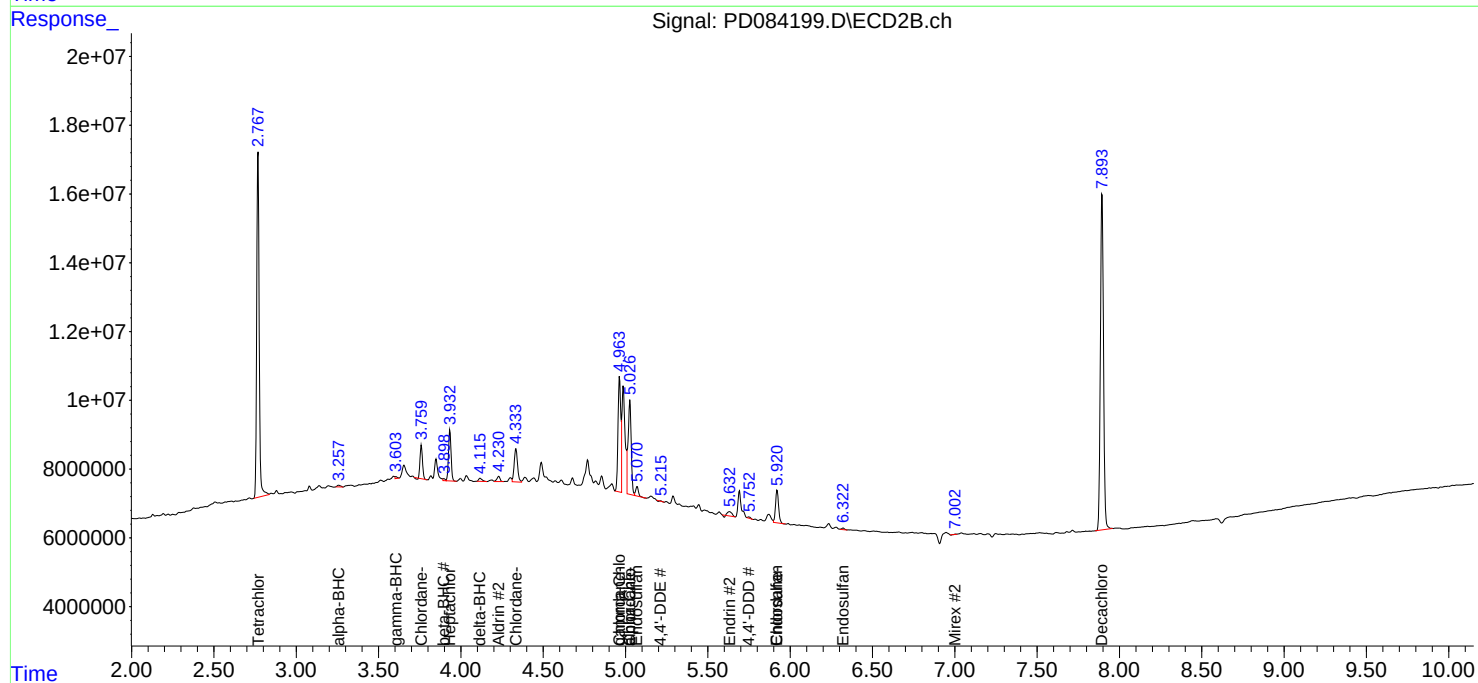
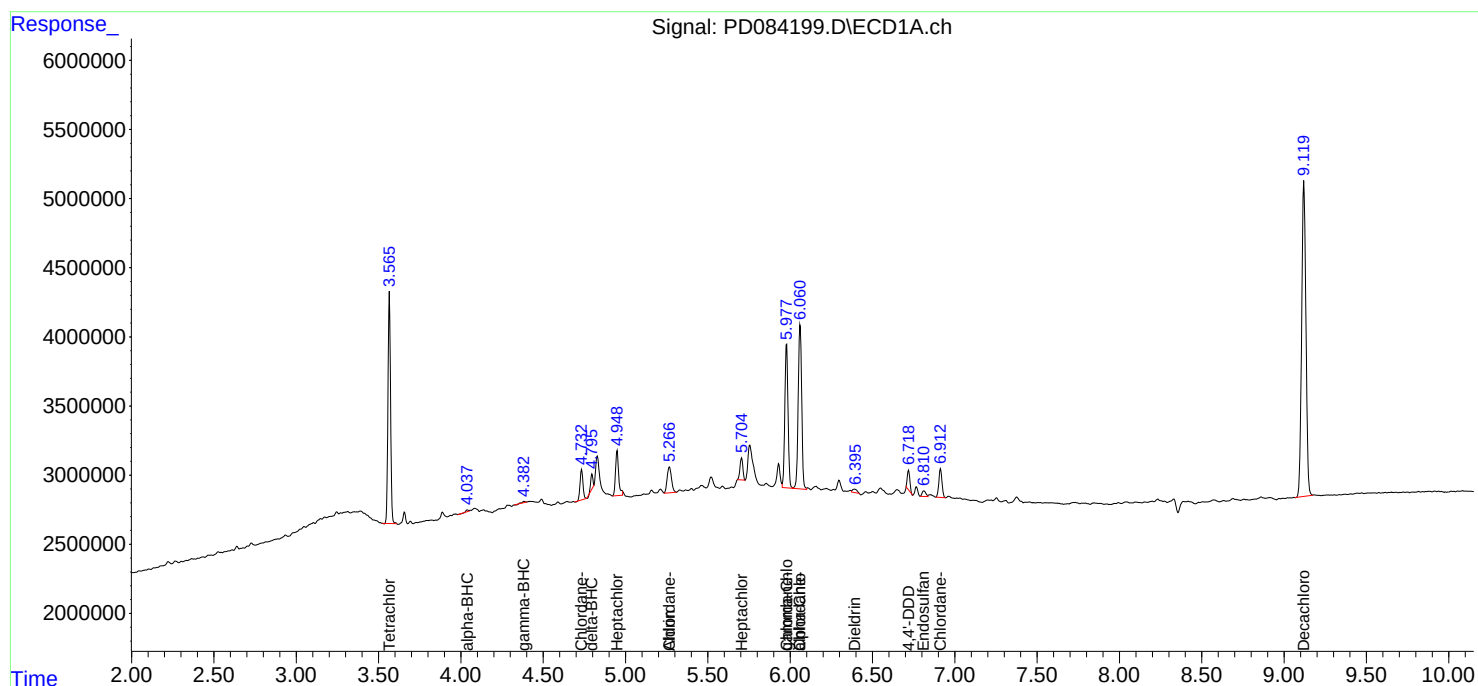
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

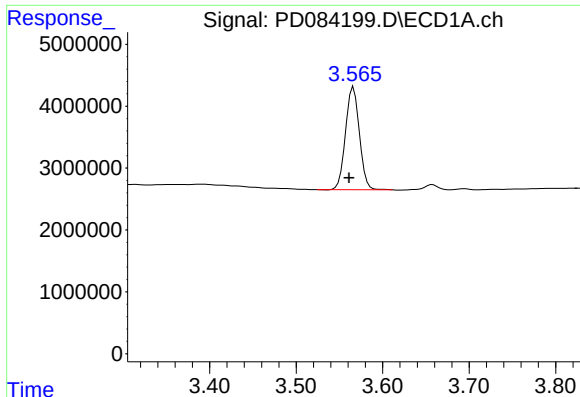
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 17:48
Operator : AR\AJ
Sample : P3390--02
Misc : CHLOR LOQ 50PPB/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:53:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 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

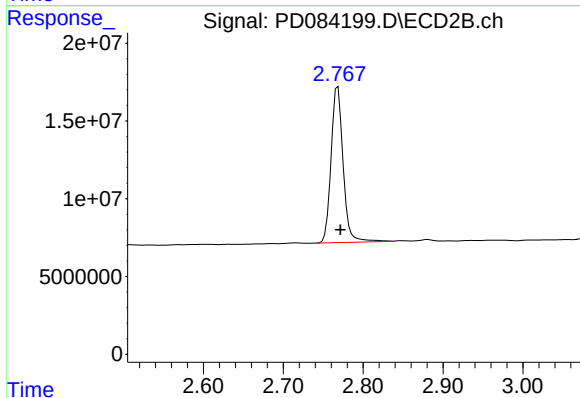




#1 Tetrachloro-m-xylene

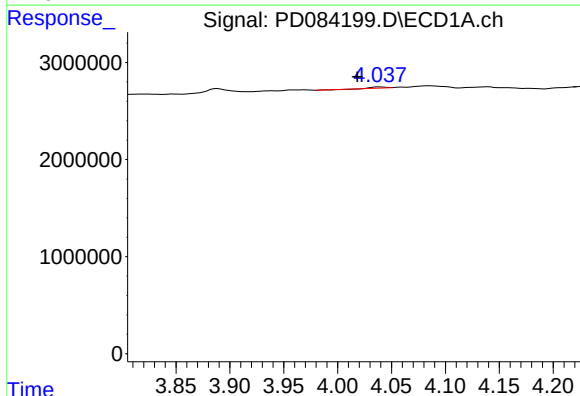
R.T.: 3.566 min
Delta R.T.: 0.005 min
Response: 18388844
Conc: 17.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



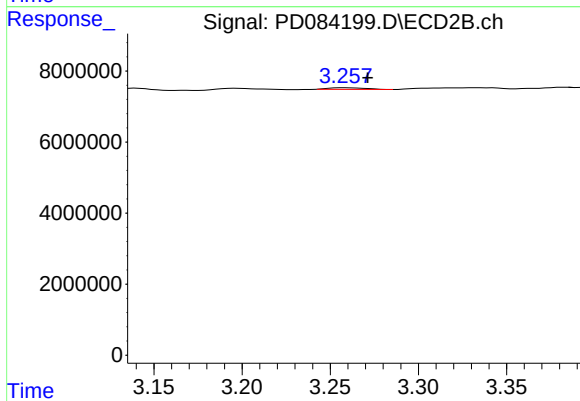
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.003 min
Response: 104933540
Conc: 18.25 ng/ml



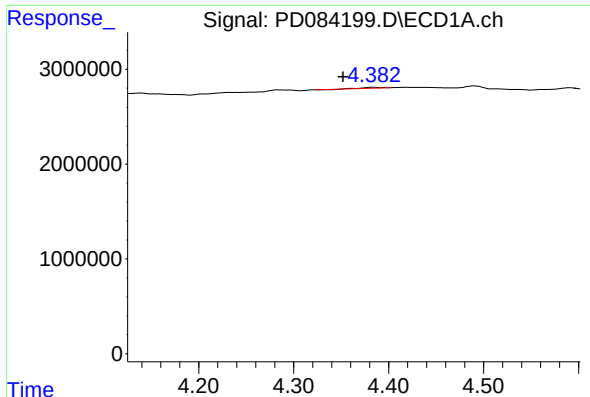
#2 alpha-BHC

R.T.: 4.039 min
Delta R.T.: 0.021 min
Response: 97514
Conc: 0.05 ng/ml



#2 alpha-BHC

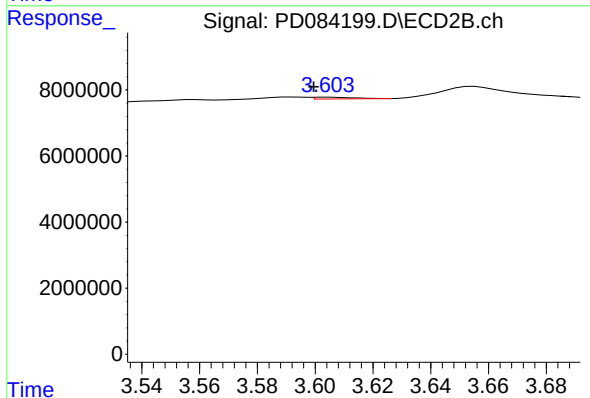
R.T.: 3.258 min
Delta R.T.: -0.013 min
Response: 649074
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

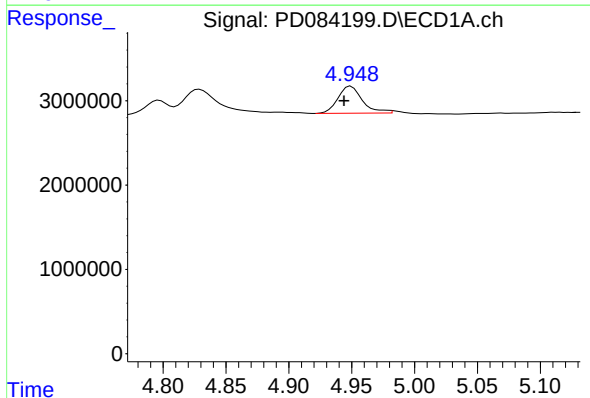
R.T.: 4.384 min
Delta R.T.: 0.032 min
Response: 103429
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



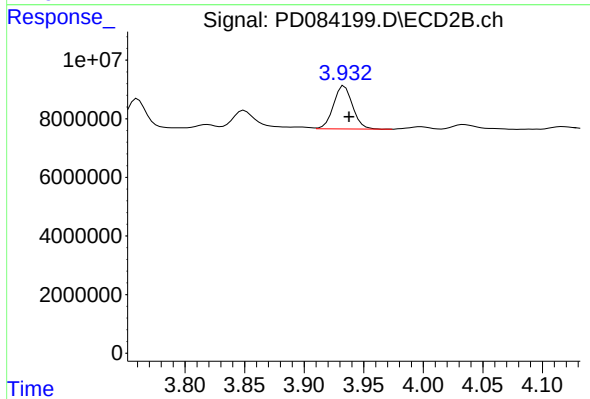
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.005 min
Response: 549843
Conc: 0.07 ng/ml



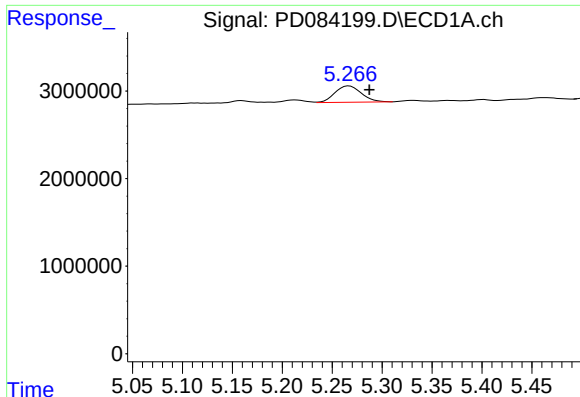
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.005 min
Response: 4331738
Conc: 2.18 ng/ml



#4 Heptachlor

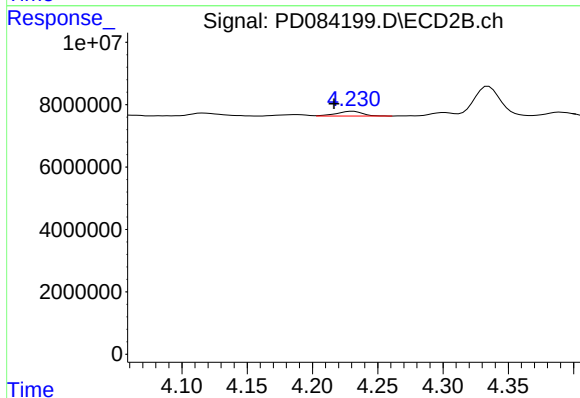
R.T.: 3.934 min
Delta R.T.: -0.004 min
Response: 16290596
Conc: 2.01 ng/ml



#5 Aldrin

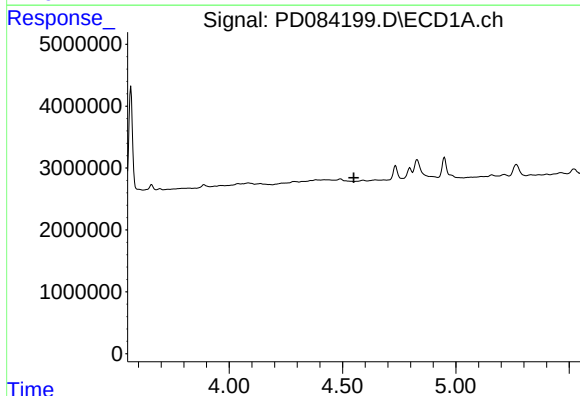
R.T.: 5.267 min
Delta R.T.: -0.020 min
Response: 3436203
Conc: 1.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



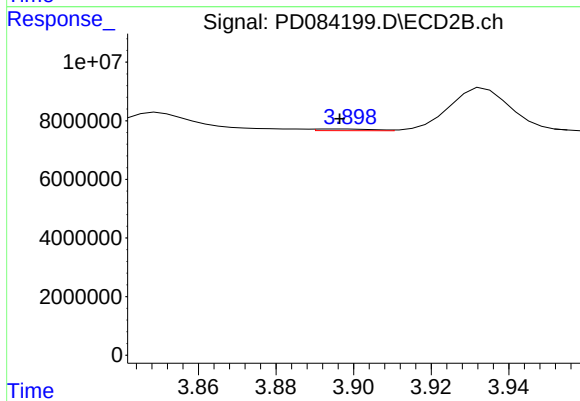
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.014 min
Response: 2083293
Conc: 0.26 ng/ml



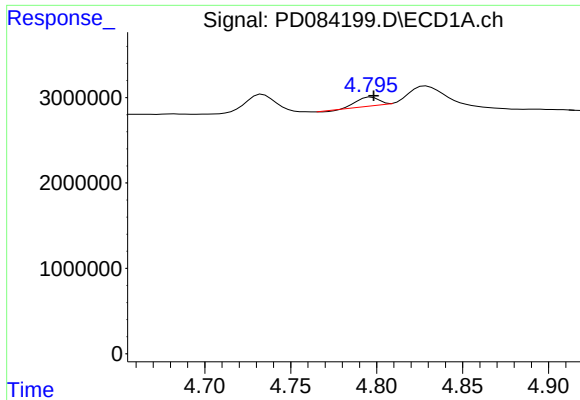
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#6 beta-BHC

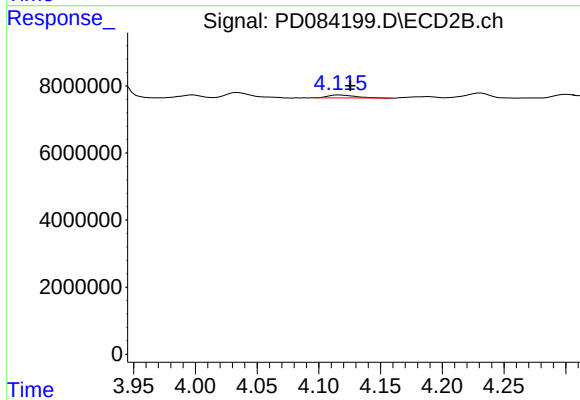
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 558648
Conc: 0.16 ng/ml



#7 delta-BHC

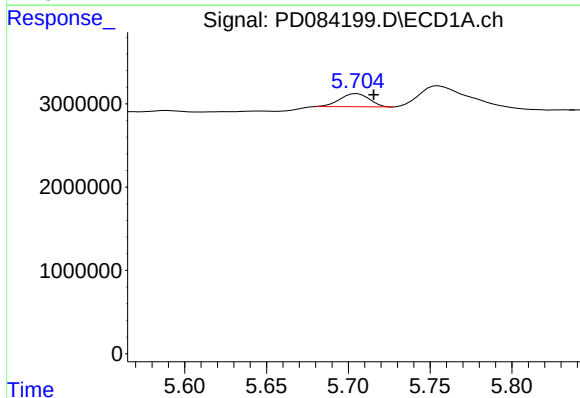
R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 878141
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



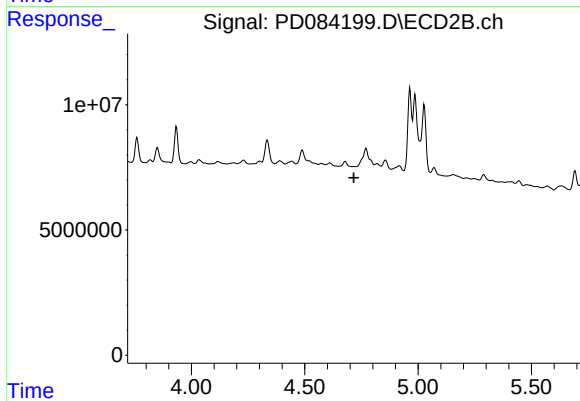
#7 delta-BHC

R.T.: 4.117 min
Delta R.T.: -0.009 min
Response: 1347998
Conc: 0.16 ng/ml



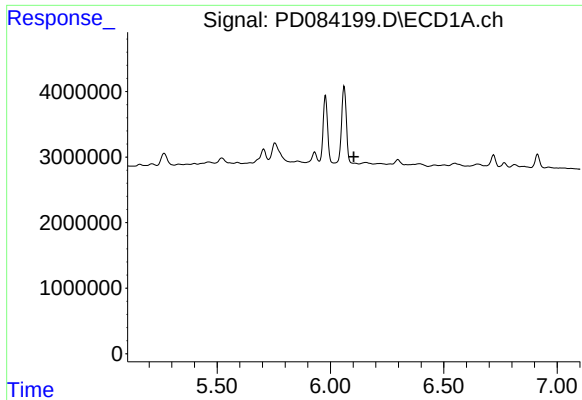
#8 Heptachlor epoxide

R.T.: 5.705 min
Delta R.T.: -0.010 min
Response: 1956180
Conc: 1.10 ng/ml



#8 Heptachlor epoxide

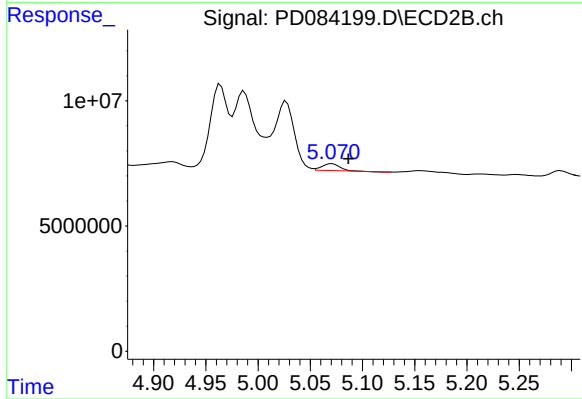
R.T.: 0.000 min
Exp R.T. : 4.717 min
Response: 0
Conc: N.D.



#9 Endosulfan I

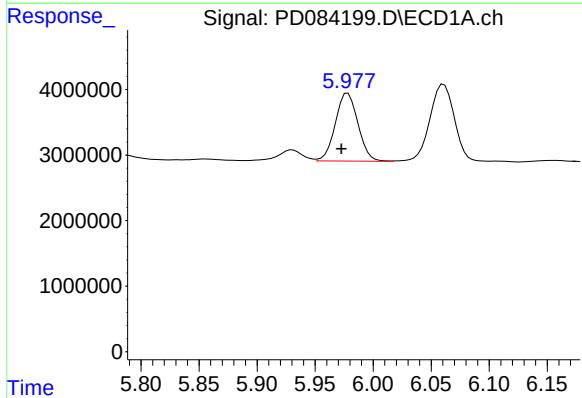
R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



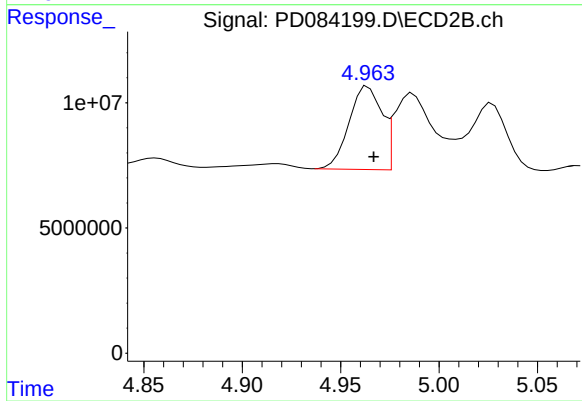
#9 Endosulfan I

R.T.: 5.071 min
Delta R.T.: -0.016 min
Response: 3237065
Conc: 0.47 ng/ml



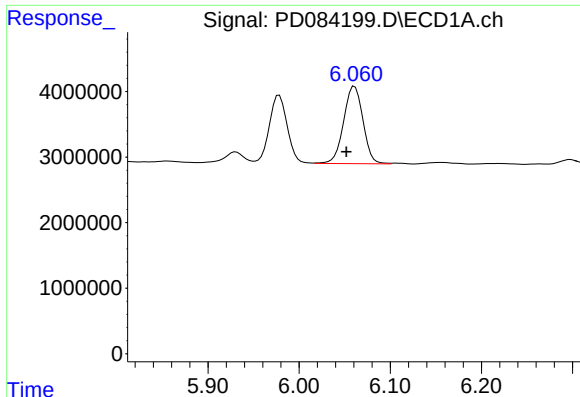
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.006 min
Response: 14066237
Conc: 7.03 ng/ml



#10 gamma-Chlordane

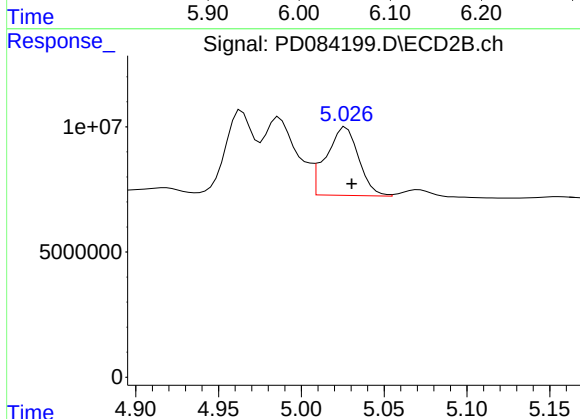
R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 38331271
Conc: 5.06 ng/ml



#11 alpha-Chlordane

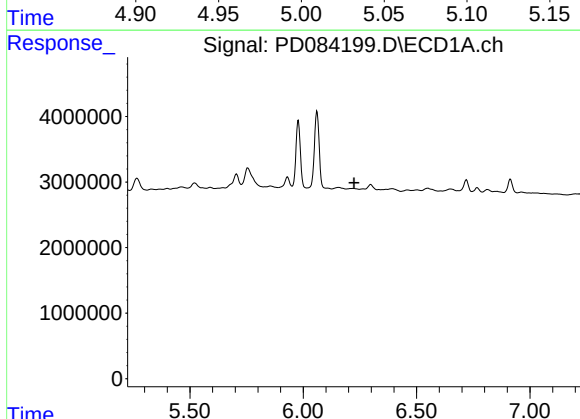
R.T.: 6.061 min
Delta R.T.: 0.009 min
Response: 17409811
Conc: 8.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



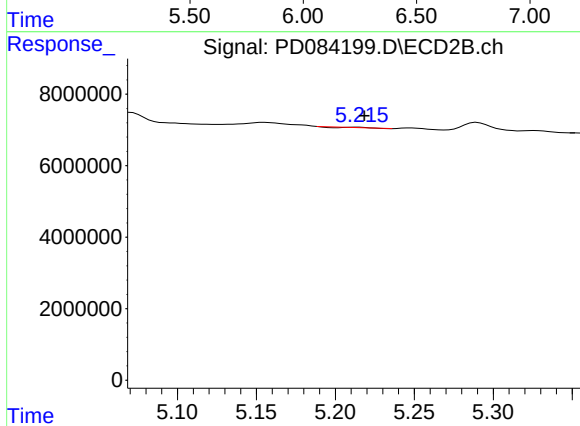
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: -0.003 min
Response: 37302314
Conc: 5.00 ng/ml



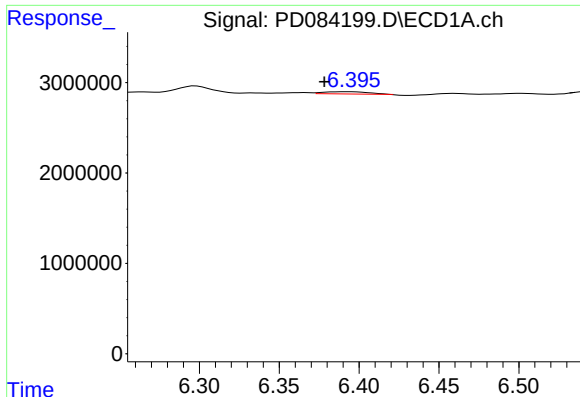
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.224 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

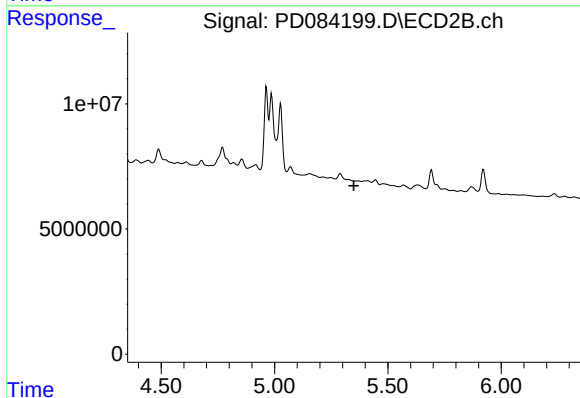
R.T.: 5.214 min
Delta R.T.: -0.005 min
Response: 57871
Conc: 0.01 ng/ml



#13 Dieldrin

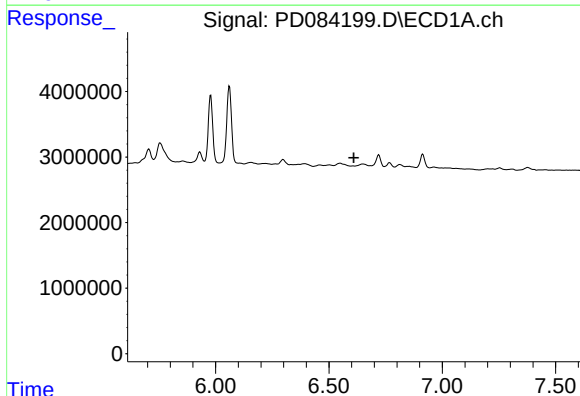
R.T.: 6.394 min
Delta R.T.: 0.015 min
Response: 467911
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



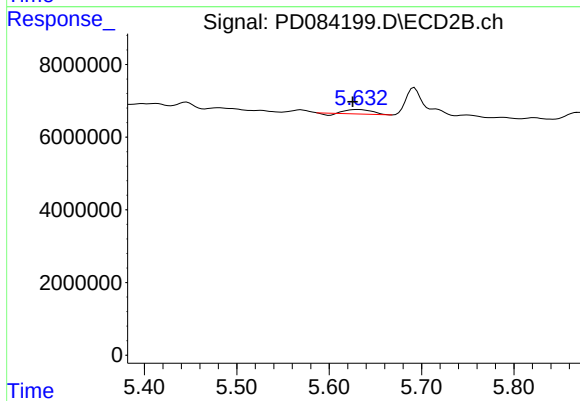
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



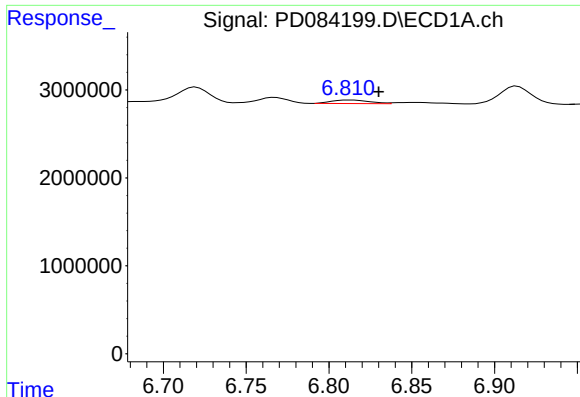
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.610 min
Response: 0
Conc: N.D.



#14 Endrin

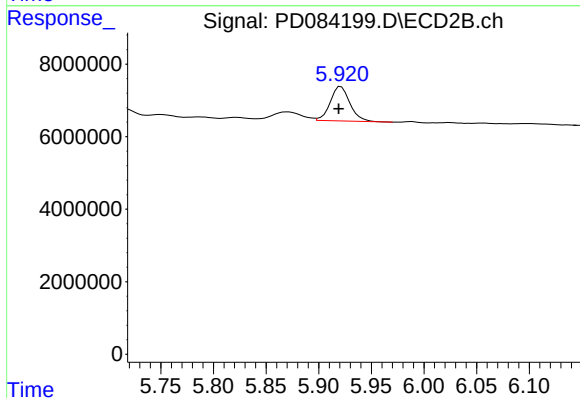
R.T.: 5.632 min
Delta R.T.: 0.007 min
Response: 2149371
Conc: 0.33 ng/ml



#15 Endosulfan II

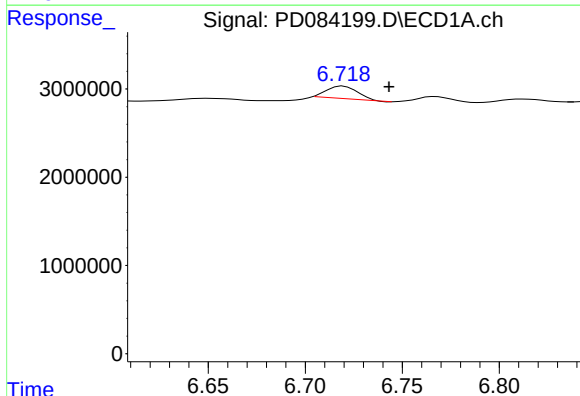
R.T.: 6.812 min
Delta R.T.: -0.018 min
Response: 638909
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



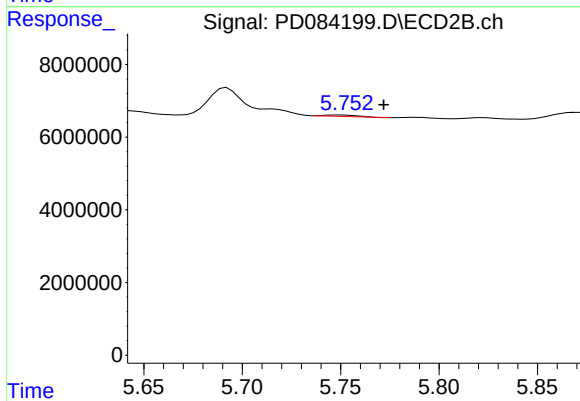
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 12149358
Conc: 1.90 ng/ml



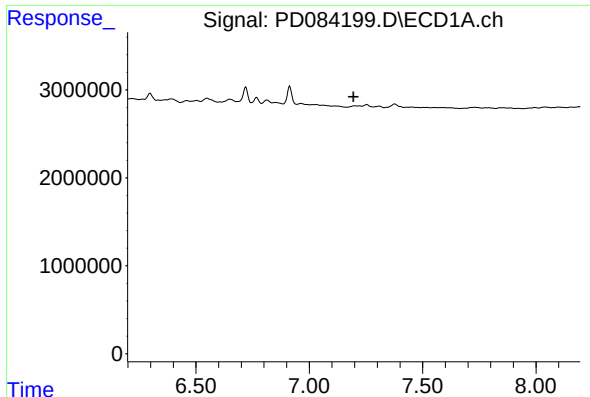
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.024 min
Response: 1556067
Conc: 1.03 ng/ml



#16 4,4'-DDD

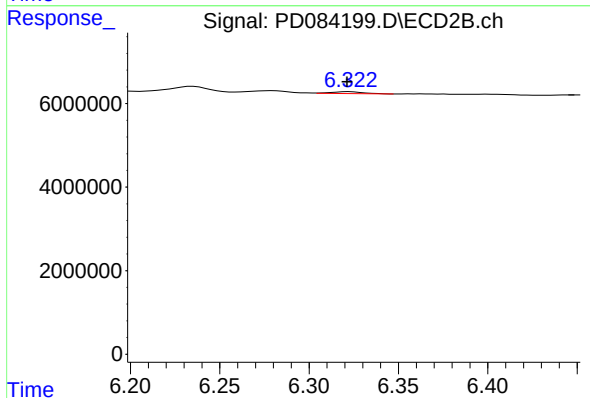
R.T.: 5.750 min
Delta R.T.: -0.022 min
Response: 436961
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

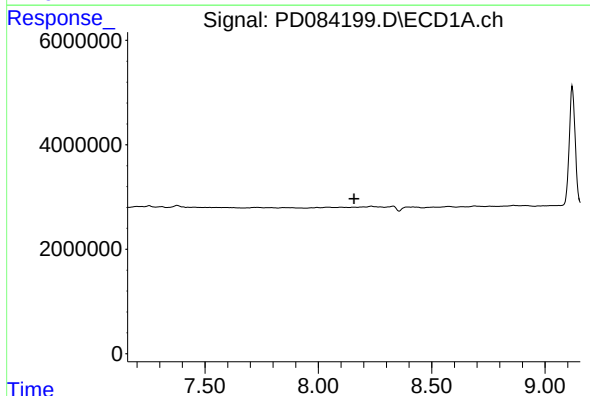
R.T.: 7.201 min
Delta R.T.: 0.005 min
Response: -15617
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



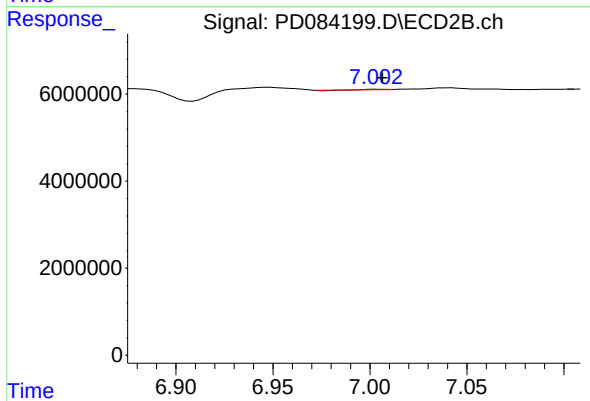
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: 0.001 min
Response: 523686
Conc: 0.09 ng/ml



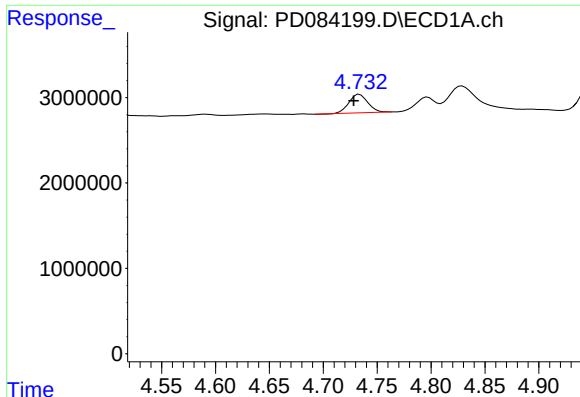
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.158 min
Response: 0
Conc: N.D.



#22 Mirex

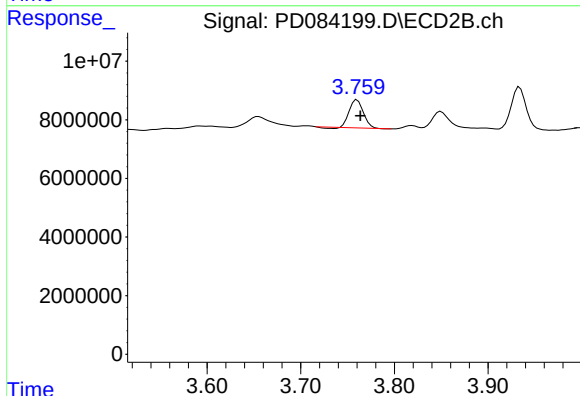
R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 17044
Conc: 0.00 ng/ml



#23 Chlordane-1

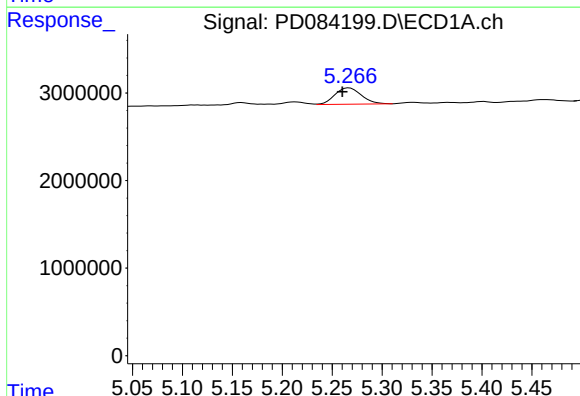
R.T.: 4.734 min
Delta R.T.: 0.005 min
Response: 2689133
Conc: 43.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



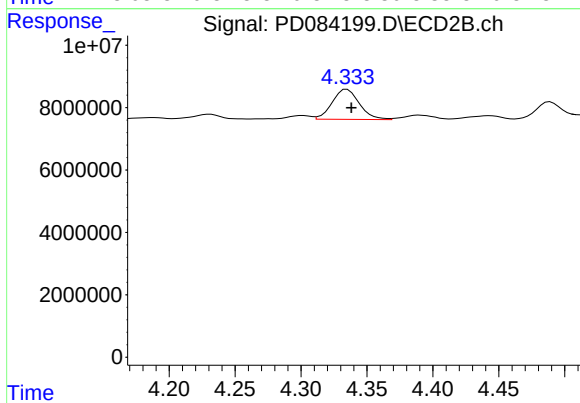
#23 Chlordane-1

R.T.: 3.760 min
Delta R.T.: -0.003 min
Response: 9954124
Conc: 42.57 ng/ml



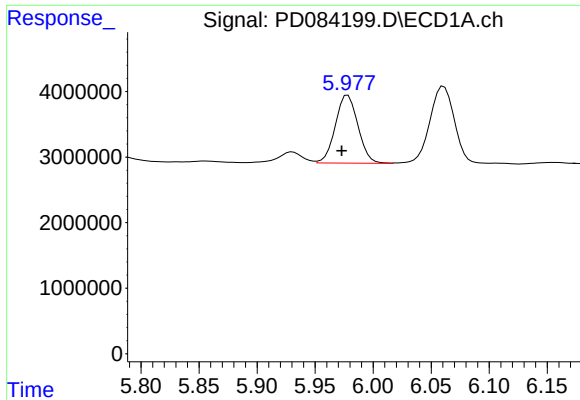
#24 Chlordane-2

R.T.: 5.267 min
Delta R.T.: 0.007 min
Response: 3436203
Conc: 49.46 ng/ml



#24 Chlordane-2

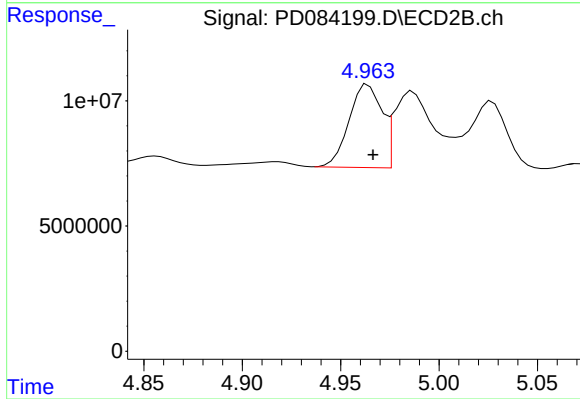
R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 13804169
Conc: 49.19 ng/ml



#25 Chlordane-3

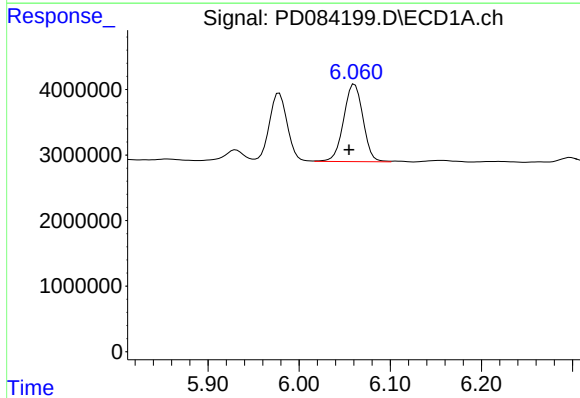
R.T.: 5.978 min
Delta R.T.: 0.005 min
Response: 14066237
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



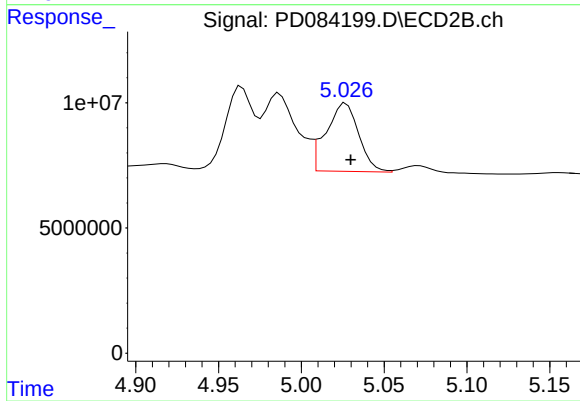
#25 Chlordane-3

R.T.: 4.964 min
Delta R.T.: -0.002 min
Response: 38331271
Conc: 49.28 ng/ml



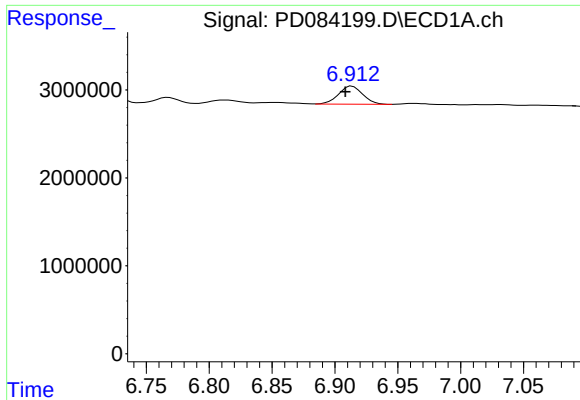
#26 Chlordane-4

R.T.: 6.061 min
Delta R.T.: 0.006 min
Response: 17409811
Conc: 47.35 ng/ml



#26 Chlordane-4

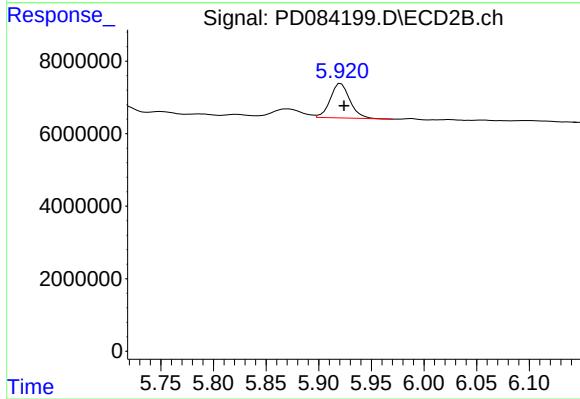
R.T.: 5.027 min
Delta R.T.: -0.003 min
Response: 37302314
Conc: 48.67 ng/ml



#27 Chlordane-5

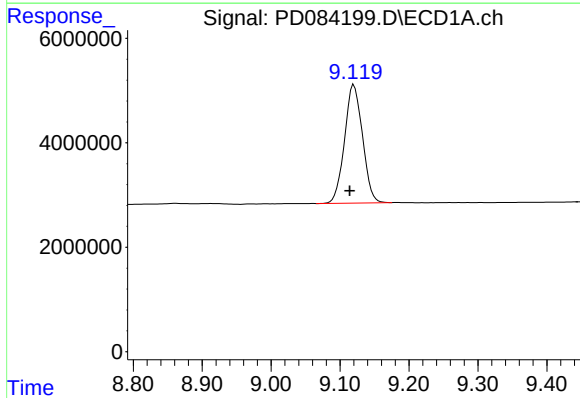
R.T.: 6.914 min
Delta R.T.: 0.006 min
Response: 2741156
Conc: 40.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



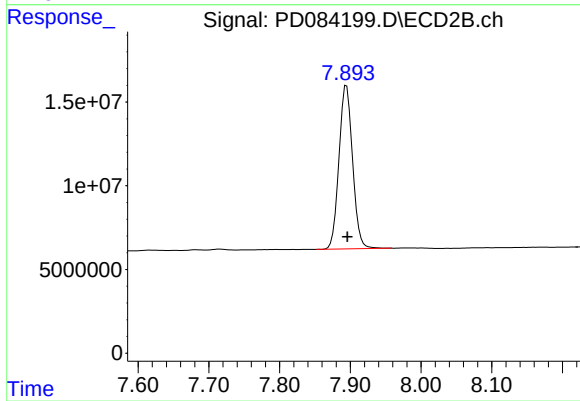
#27 Chlordane-5

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 12149358
Conc: 43.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.006 min
Response: 40985582
Conc: 17.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.001 min
Response: 130516761
Conc: 20.32 ng/ml