

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052021\
 Data File : PD063124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2021 14:25
 Operator : AR\AJ
 Sample : M2449-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TOP-SOIL-COMPOSITE-PILE-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 07:14:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
 Quant Title : GC Extractables
 QLast Update : Tue May 18 07:12:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.440	3.970	10918796	117.0E6	9.913	10.092
28)	SA Decachlor...	8.194	9.024	7918320	67302225	6.292	6.597
Target Compounds							
2)	A alpha-BHC	0.000	4.384f	0	36671784	N.D.	1.905 #
3)	MA gamma-BHC...	0.000	4.642	0	1699115	N.D.	0.098 #
4)	MA Heptachlor	4.465	5.173f	1523320	40130871	0.968	2.420 #
5)	MB Aldrin	4.711	5.475f	129063	10547955	0.084	0.632 #
7)	B delta-BHC	4.624	5.034	1029459	2540248	0.625	0.182 #
8)	B Heptachlo...	0.000	5.830	0	15871406	N.D.	1.038 #
9)	A Endosulfan I	5.507f	0.000	293267	0	0.216	N.D. #
10)	B gamma-Chl...	5.379	6.074	252224	21141414	0.172	1.356 #
11)	B alpha-Chl...	5.436	6.148	3631963	69814029	2.516	4.711 #
12)	B 4,4'-DDE	5.600	6.302	3541964	56054475	2.469	3.714 #
13)	MA Dieldrin	5.726	6.443	3455831	12603987	2.336	0.831 #
14)	MA Endrin	0.000	6.663	0	19146528	N.D.	1.501 #
15)	B Endosulfa...	6.249	6.865	1517808	2487545	1.220	0.207 #
16)	A 4,4'-DDD	0.000	6.798	0	38055930	N.D.	3.137 #
17)	MA 4,4'-DDT	6.354	7.093	3641517	927715	3.186	0.082 #
18)	B Endrin al...	6.448	7.015	734064	1456499	0.691	0.143 #
19)	B Endosulfa...	6.642	7.198f	827780	1508986	0.687	0.123 #
20)	A Methoxychlor	6.888f	7.538	1888568	1464232	2.814	0.255 #
21)	B Endrin ke...	7.167f	7.694	1268612	1624839	0.858	0.135 #
22)	Mirex	0.000	8.174f	0	3649941	N.D.	0.480 #
23)	Chlordane-1	4.308	4.961	2265525	29773632	61.991	44.487 #
24)	Chlordane-2	4.810	5.427	2702778	36108895	58.791	74.084 #
25)	Chlordane-3	5.379	6.074	252224	21141414	1.756	10.312 #
26)	Chlordane-4	5.436	6.148	3631963	69814029	30.781	29.679
27)	Chlordane-5	6.305f	6.950	702437	813848	15.294	1.909 #

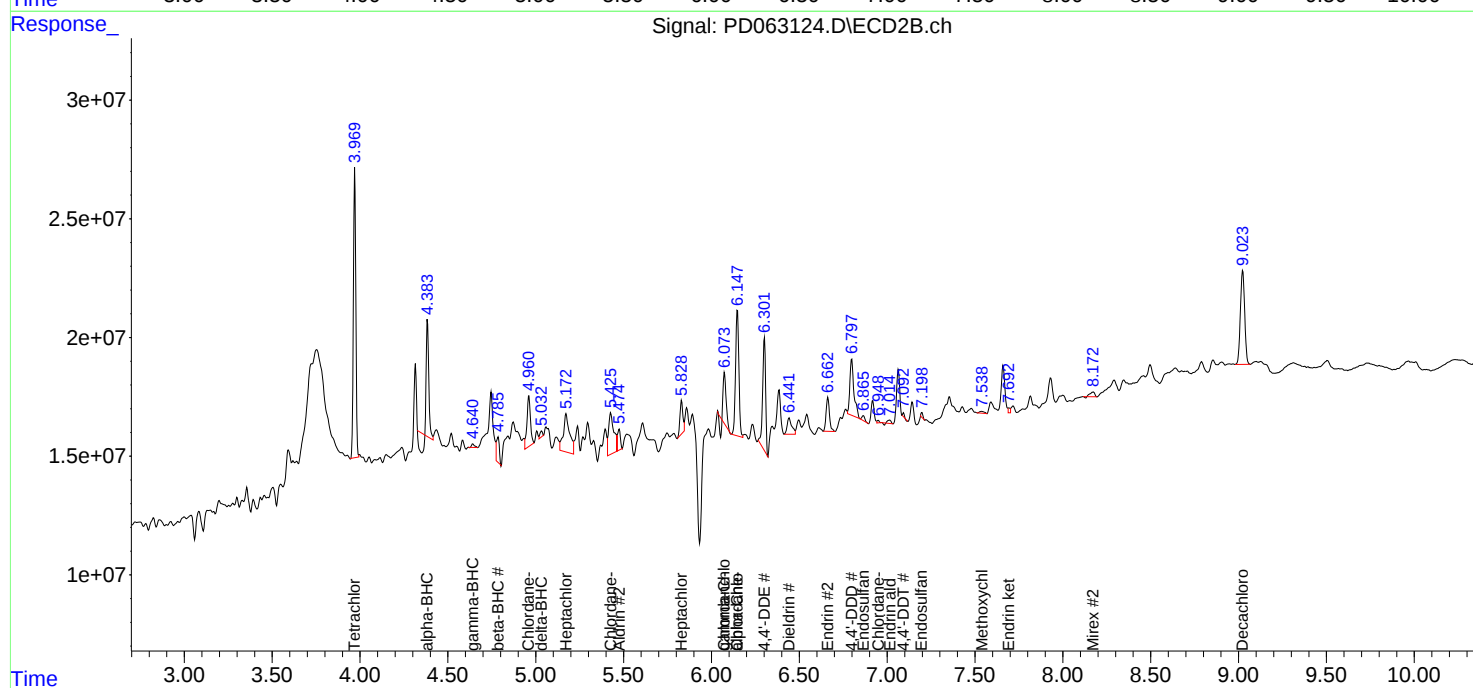
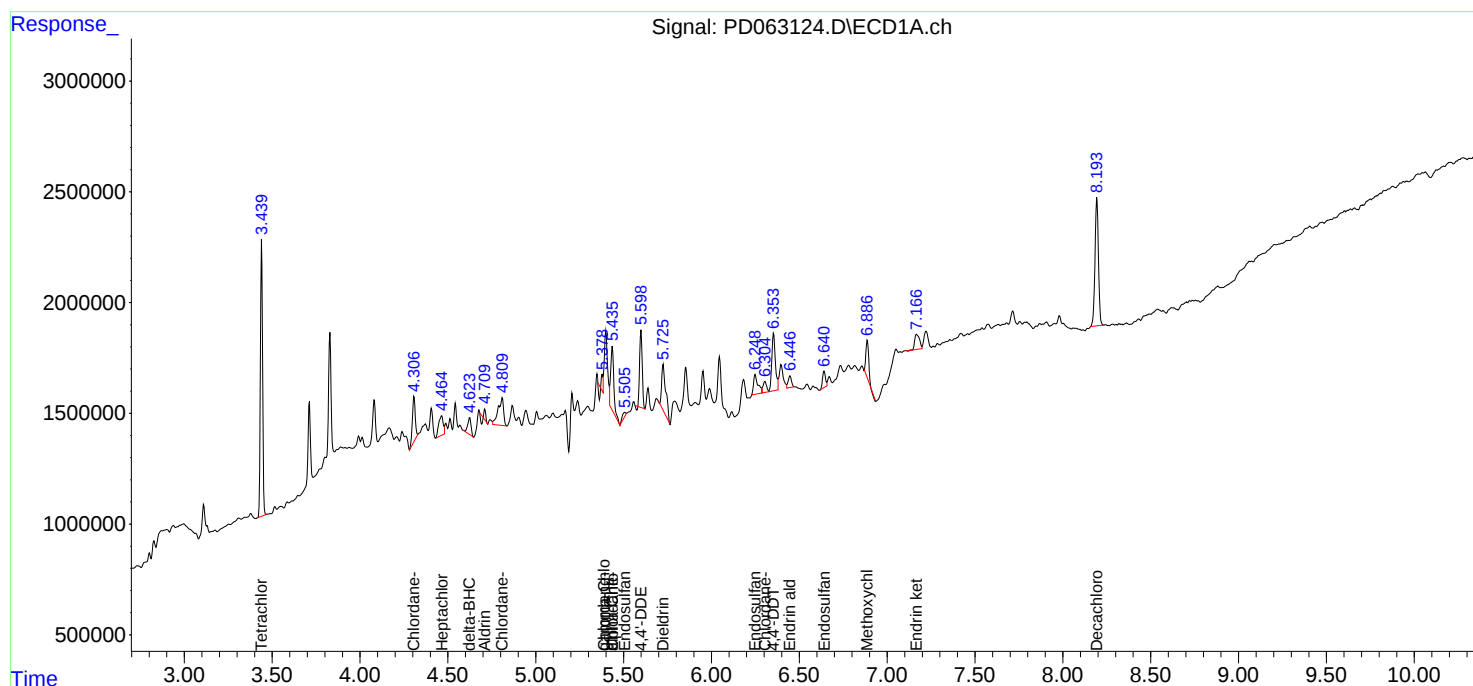
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

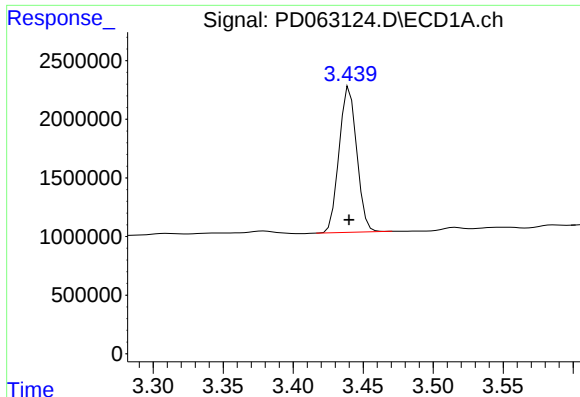
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052021\
 Data File : PD063124.D
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 TOP-SOIL-COMPOSITE-PILE-3

Integration File signal 1: autoint1.e
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

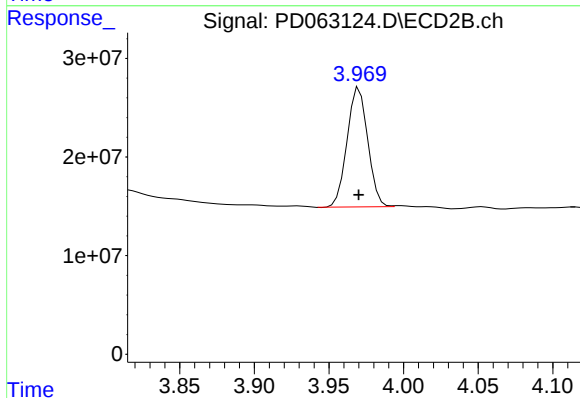




#1 Tetrachloro-m-xylene

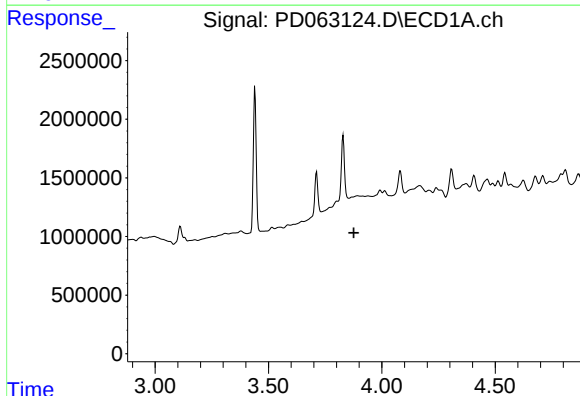
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 10918796
Conc: 9.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



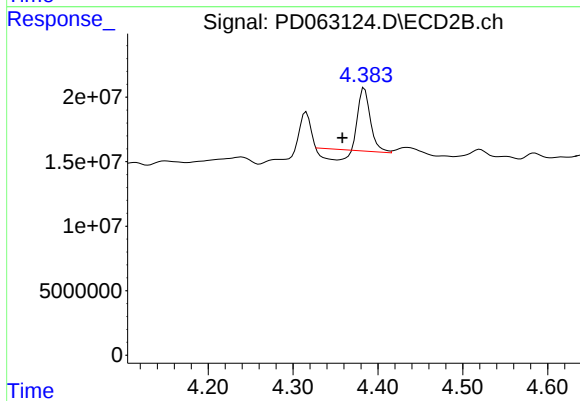
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 116952829
Conc: 10.09 ng/ml



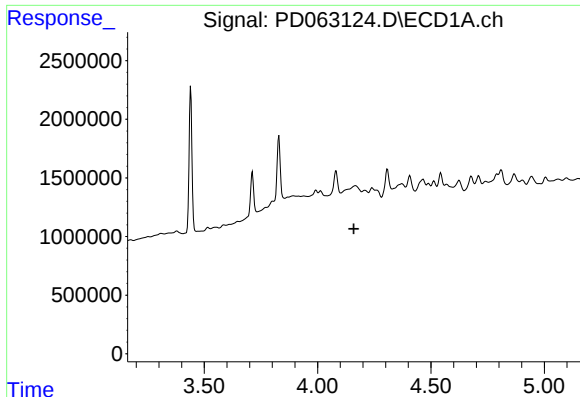
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.877 min
Response: 0
Conc: N.D.



#2 alpha-BHC

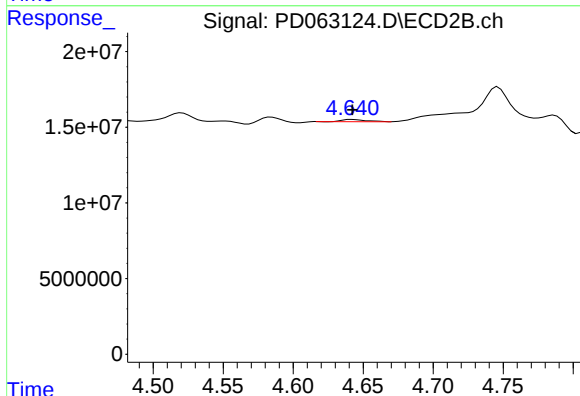
R.T.: 4.384 min
Delta R.T.: 0.026 min
Response: 36671784
Conc: 1.90 ng/ml



#3 gamma-BHC (Lindane)

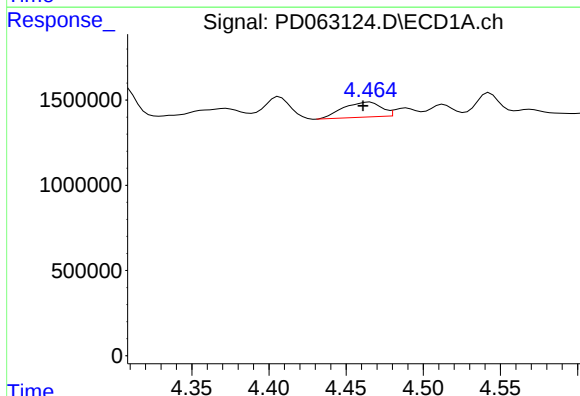
R.T.: 0.000 min
Exp R.T.: 4.160 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



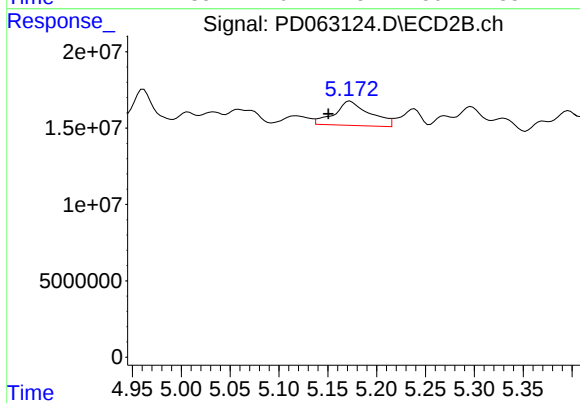
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 1699115
Conc: 0.10 ng/ml



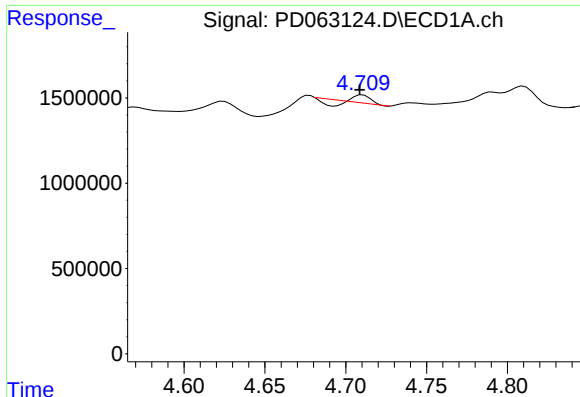
#4 Heptachlor

R.T.: 4.465 min
Delta R.T.: 0.004 min
Response: 1523320
Conc: 0.97 ng/ml



#4 Heptachlor

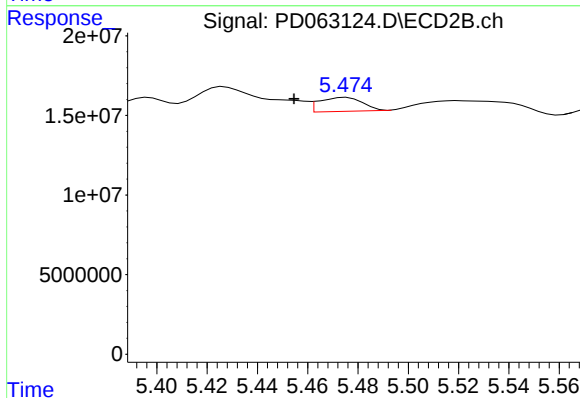
R.T.: 5.173 min
Delta R.T.: 0.022 min
Response: 40130871
Conc: 2.42 ng/ml



#5 Aldrin

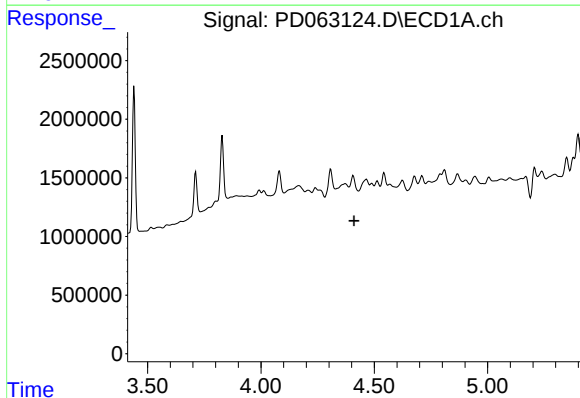
R.T.: 4.711 min
Delta R.T.: 0.002 min
Response: 129063
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



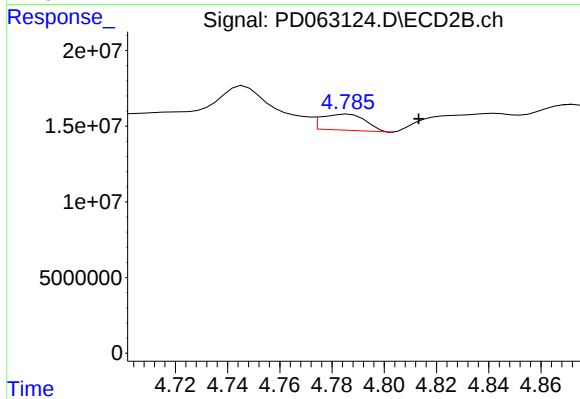
#5 Aldrin

R.T.: 5.475 min
Delta R.T.: 0.021 min
Response: 10547955
Conc: 0.63 ng/ml



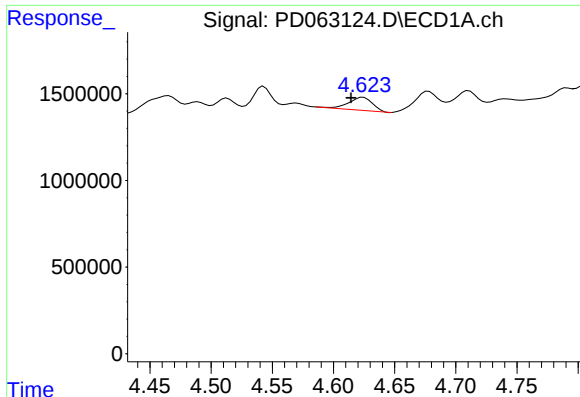
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: -0.004 min
Response: 1015686
Conc: N.D.



#6 beta-BHC

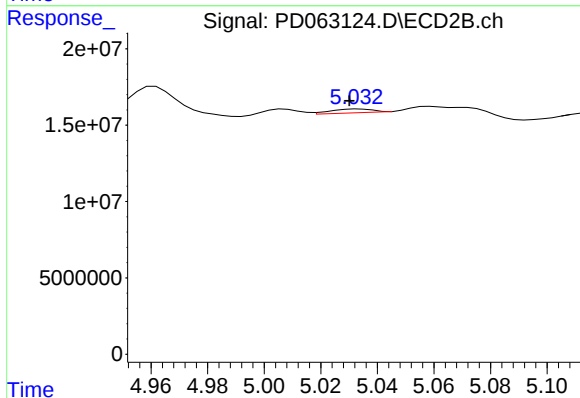
R.T.: 4.786 min
Delta R.T.: -0.027 min
Response: 12532416
Conc: 1.69 ng/ml



#7 delta-BHC

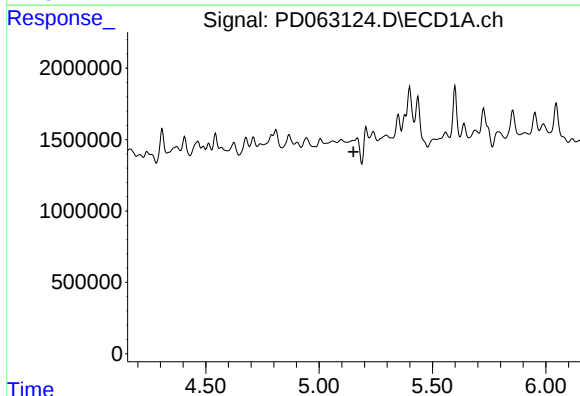
R.T.: 4.624 min
Delta R.T.: 0.010 min
Response: 1029459
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



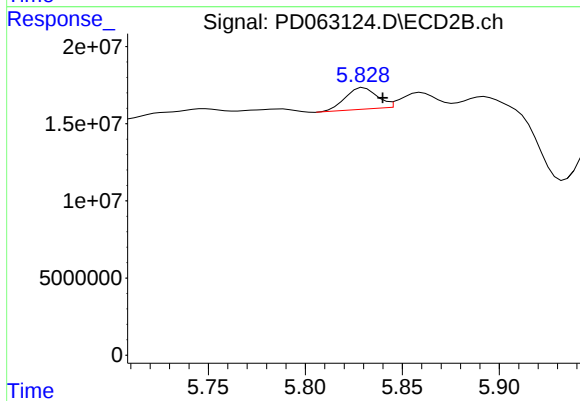
#7 delta-BHC

R.T.: 5.034 min
Delta R.T.: 0.004 min
Response: 2540248
Conc: 0.18 ng/ml



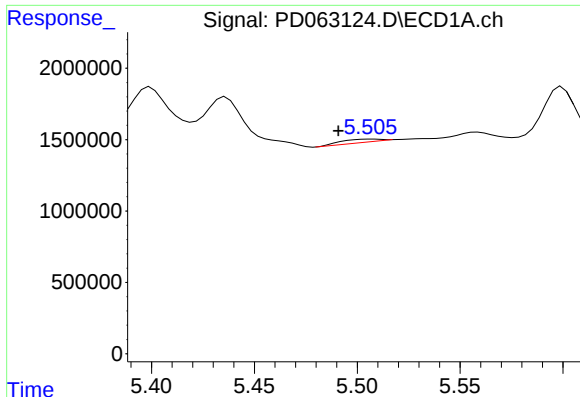
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.152 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

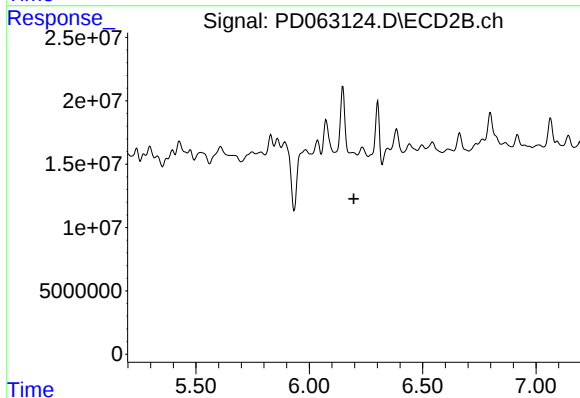
R.T.: 5.830 min
Delta R.T.: -0.010 min
Response: 15871406
Conc: 1.04 ng/ml



#9 Endosulfan I

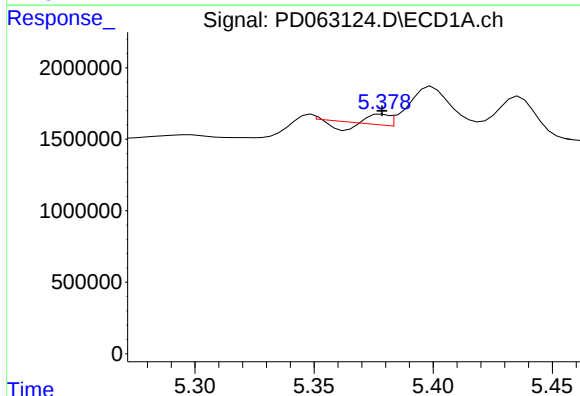
R.T.: 5.507 min
Delta R.T.: 0.017 min
Response: 293267
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



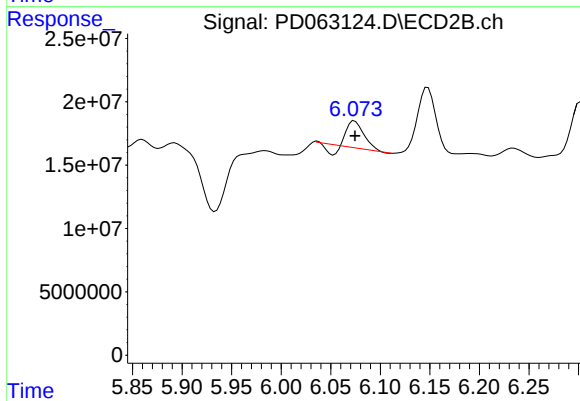
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



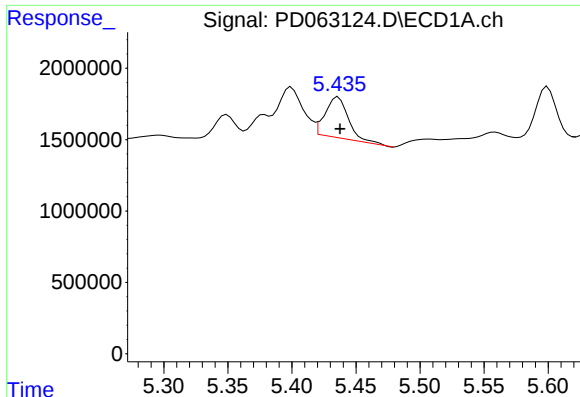
#10 gamma-Chlordane

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 252224
Conc: 0.17 ng/ml



#10 gamma-Chlordane

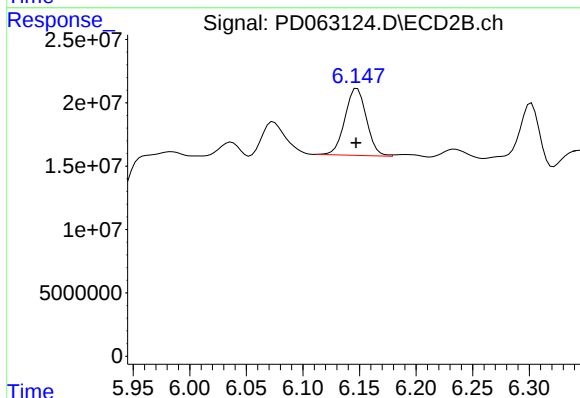
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 21141414
Conc: 1.36 ng/ml



#11 alpha-Chlordane

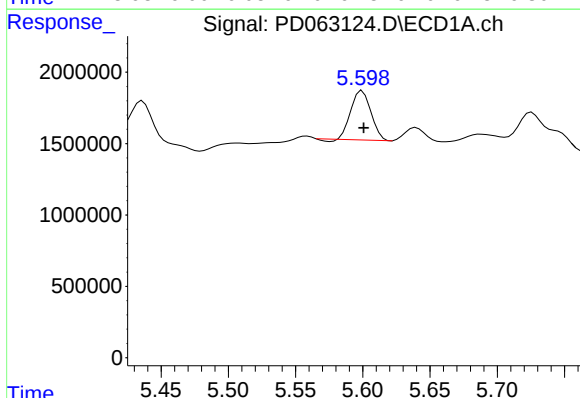
R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 3631963
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



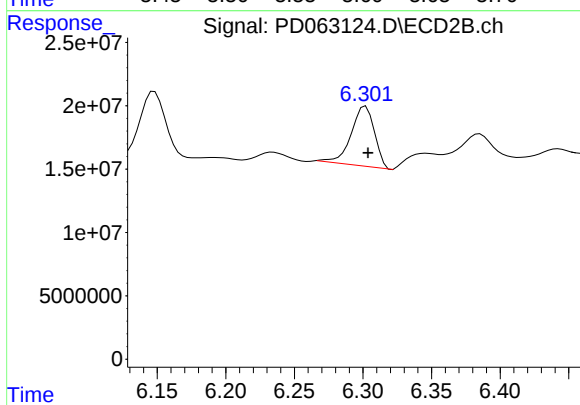
#11 alpha-Chlordane

R.T.: 6.148 min
Delta R.T.: 0.001 min
Response: 69814029
Conc: 4.71 ng/ml



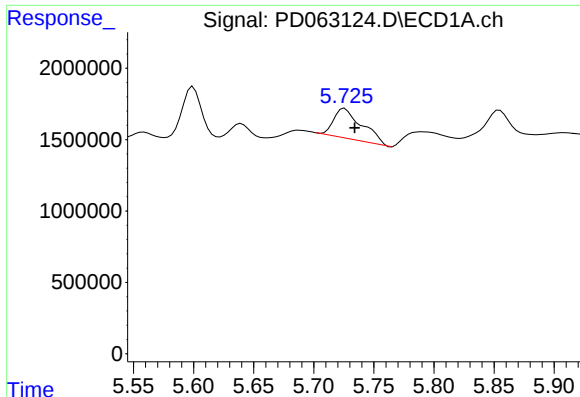
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: -0.001 min
Response: 3541964
Conc: 2.47 ng/ml



#12 4,4'-DDE

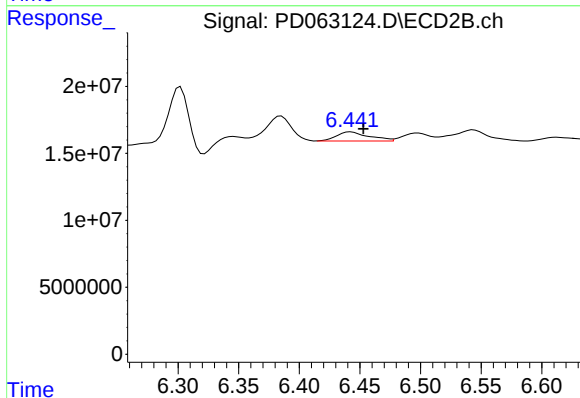
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 56054475
Conc: 3.71 ng/ml



#13 Dieldrin

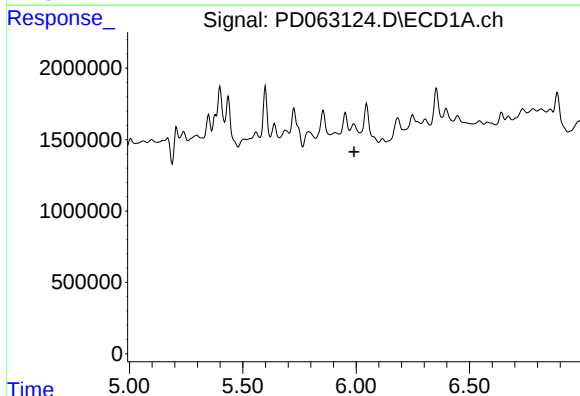
R.T.: 5.726 min
Delta R.T.: -0.008 min
Response: 3455831
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
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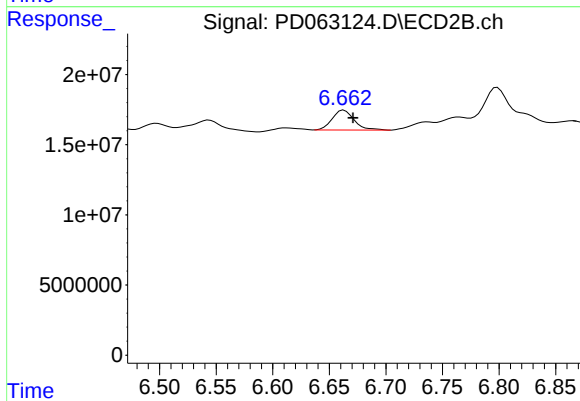
#13 Dieldrin

R.T.: 6.443 min
Delta R.T.: -0.010 min
Response: 12603987
Conc: 0.83 ng/ml



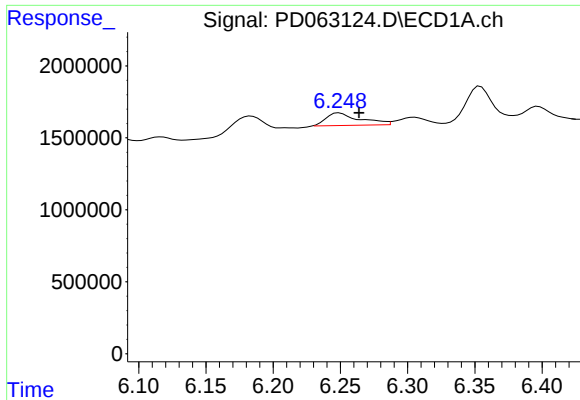
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 5.991 min
Response: 0
Conc: N.D.



#14 Endrin

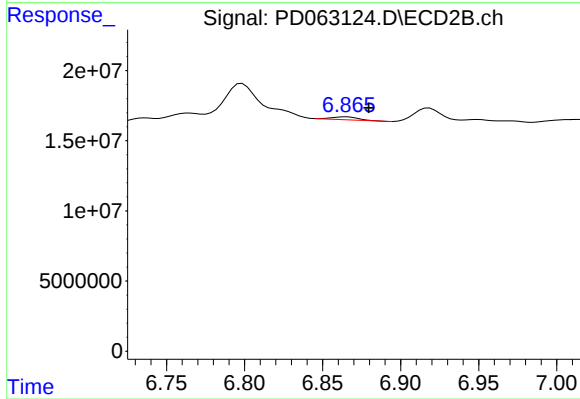
R.T.: 6.663 min
Delta R.T.: -0.008 min
Response: 19146528
Conc: 1.50 ng/ml



#15 Endosulfan II

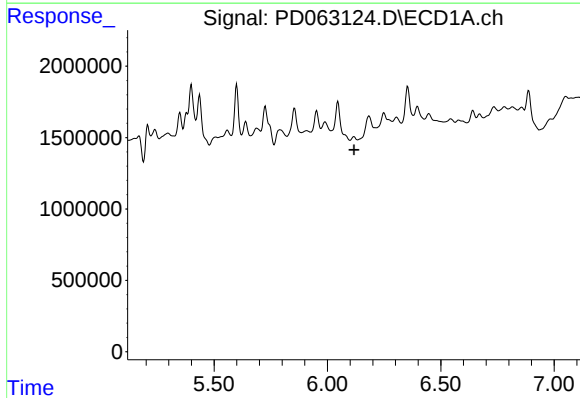
R.T.: 6.249 min
Delta R.T.: -0.015 min
Response: 1517808
Conc: 1.22 ng/ml

Instrument :
ECD_D
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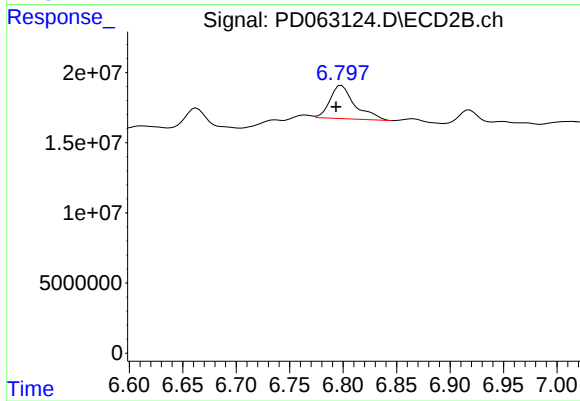
#15 Endosulfan II

R.T.: 6.865 min
Delta R.T.: -0.014 min
Response: 2487545
Conc: 0.21 ng/ml



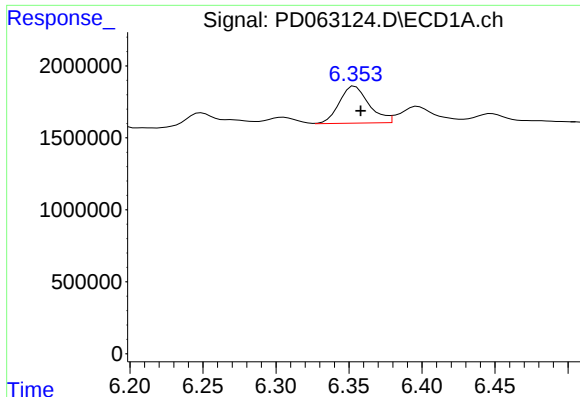
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.117 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

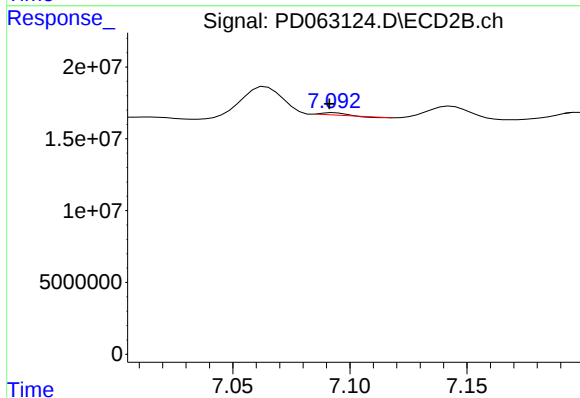
R.T.: 6.798 min
Delta R.T.: 0.005 min
Response: 38055930
Conc: 3.14 ng/ml



#17 4,4'-DDT

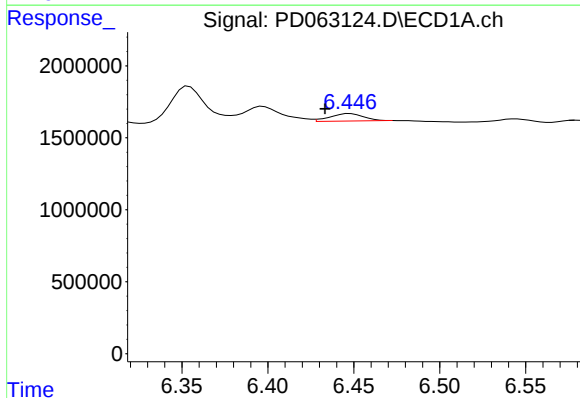
R.T.: 6.354 min
Delta R.T.: -0.004 min
Response: 3641517
Conc: 3.19 ng/ml

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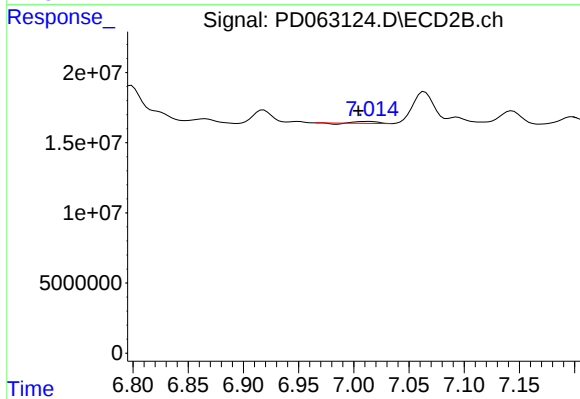
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 927715
Conc: 0.08 ng/ml



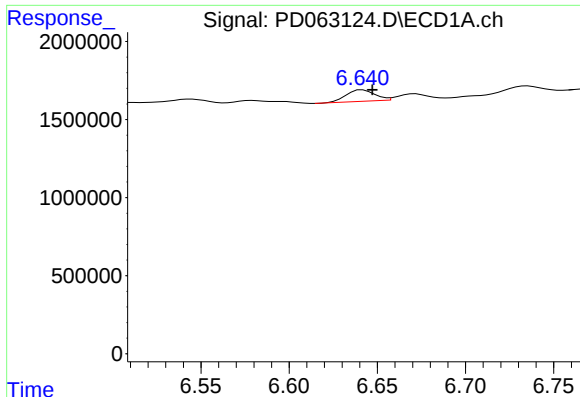
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: 0.015 min
Response: 734064
Conc: 0.69 ng/ml



#18 Endrin aldehyde

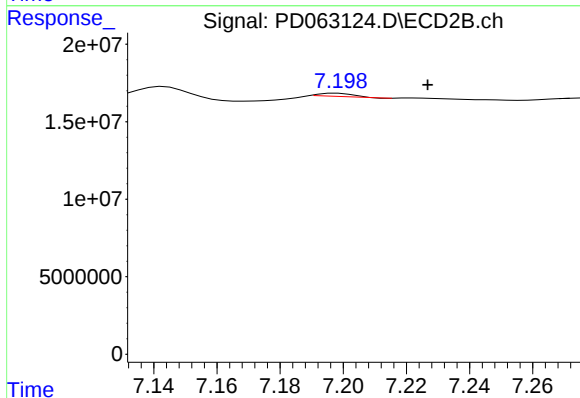
R.T.: 7.015 min
Delta R.T.: 0.011 min
Response: 1456499
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

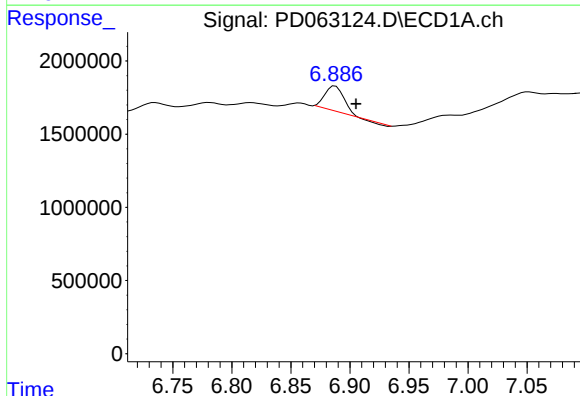
R.T.: 6.642 min
Delta R.T.: -0.006 min
Response: 827780
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



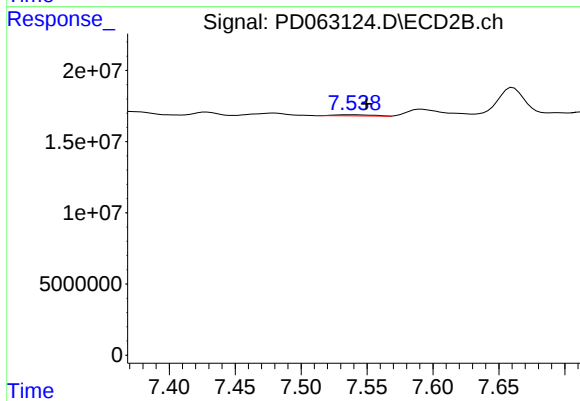
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: -0.029 min
Response: 1508986
Conc: 0.12 ng/ml



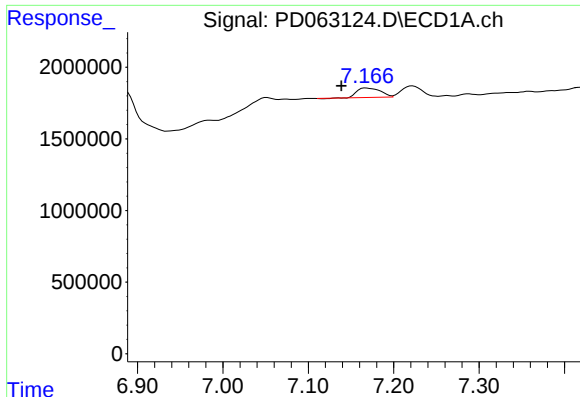
#20 Methoxychlor

R.T.: 6.888 min
Delta R.T.: -0.018 min
Response: 1888568
Conc: 2.81 ng/ml



#20 Methoxychlor

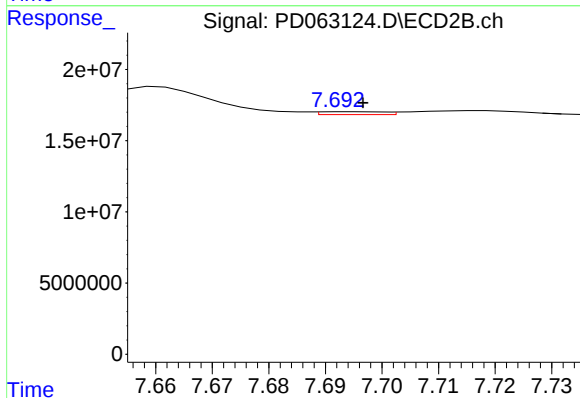
R.T.: 7.538 min
Delta R.T.: -0.012 min
Response: 1464232
Conc: 0.26 ng/ml



#21 Endrin ketone

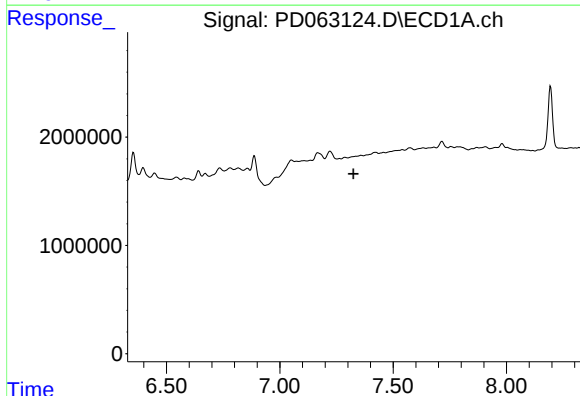
R.T.: 7.167 min
Delta R.T.: 0.029 min
Response: 1268612
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



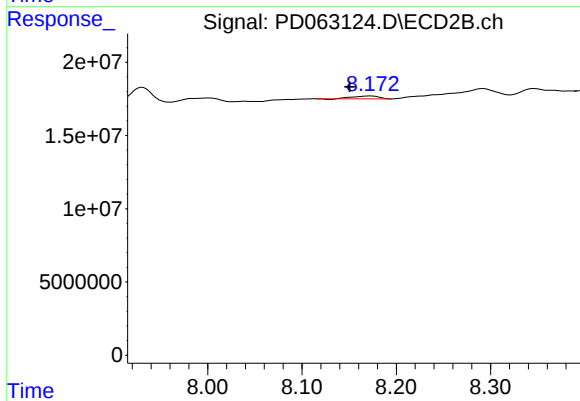
#21 Endrin ketone

R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 1624839
Conc: 0.14 ng/ml



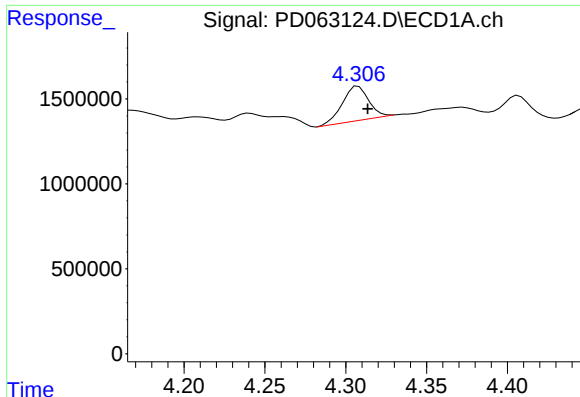
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.



#22 Mirex

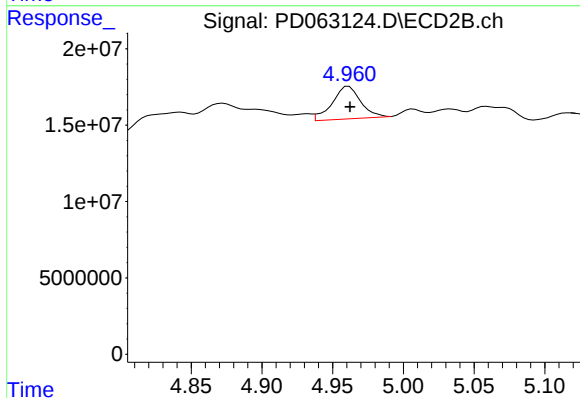
R.T.: 8.174 min
Delta R.T.: 0.023 min
Response: 3649941
Conc: 0.48 ng/ml



#23 Chlordane-1

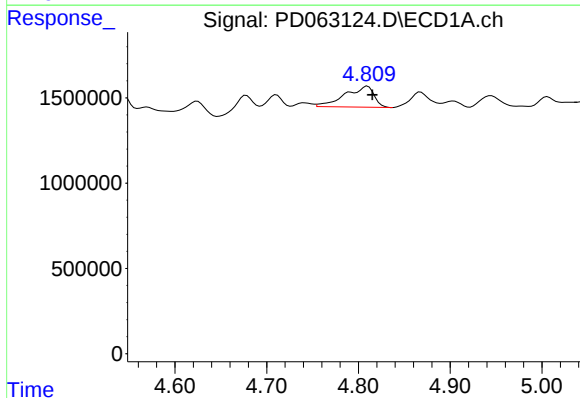
R.T.: 4.308 min
Delta R.T.: -0.006 min
Response: 2265525
Conc: 61.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



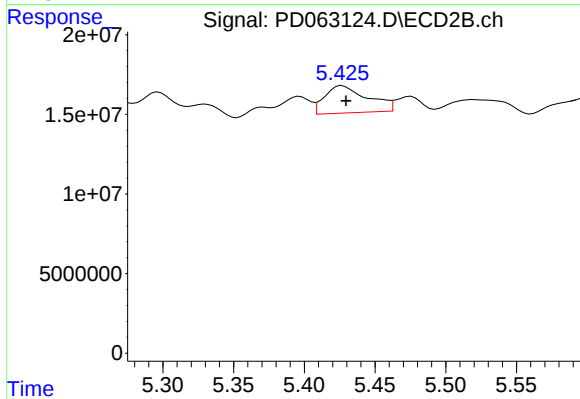
#23 Chlordane-1

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 29773632
Conc: 44.49 ng/ml



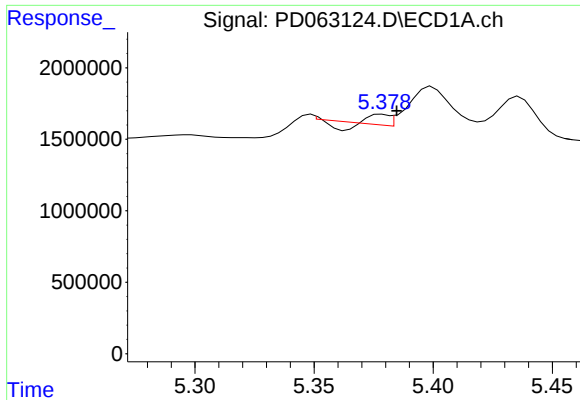
#24 Chlordane-2

R.T.: 4.810 min
Delta R.T.: -0.005 min
Response: 2702778
Conc: 58.79 ng/ml



#24 Chlordane-2

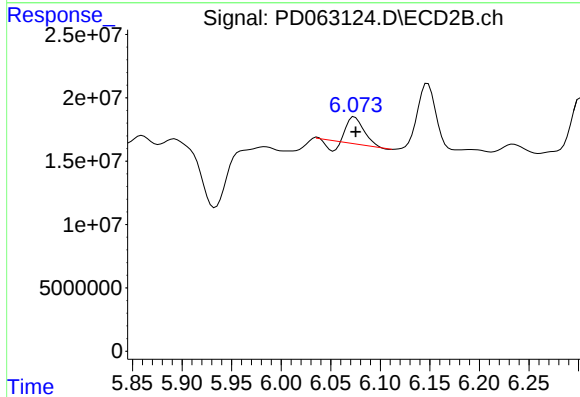
R.T.: 5.427 min
Delta R.T.: -0.003 min
Response: 36108895
Conc: 74.08 ng/ml



#25 Chlordane-3

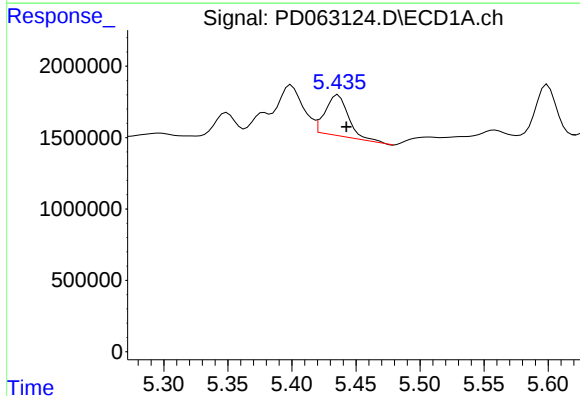
R.T.: 5.379 min
Delta R.T.: -0.006 min
Response: 252224
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



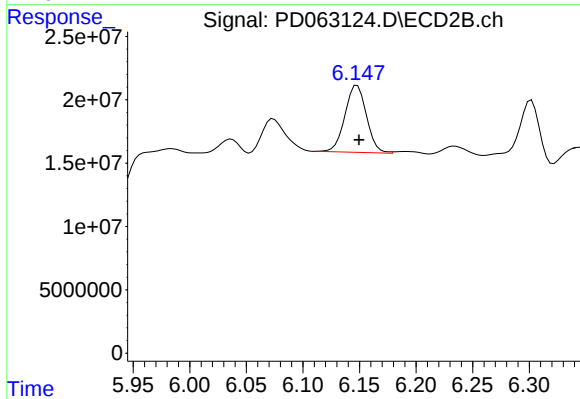
#25 Chlordane-3

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 21141414
Conc: 10.31 ng/ml



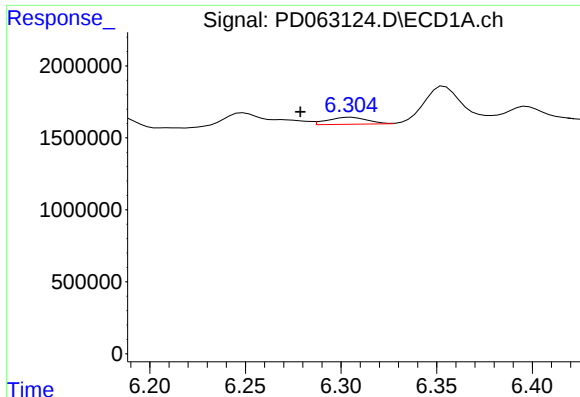
#26 Chlordane-4

R.T.: 5.436 min
Delta R.T.: -0.006 min
Response: 3631963
Conc: 30.78 ng/ml



#26 Chlordane-4

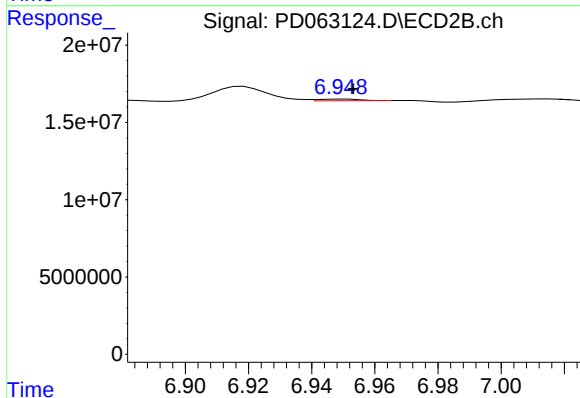
R.T.: 6.148 min
Delta R.T.: -0.002 min
Response: 69814029
Conc: 29.68 ng/ml



#27 Chlordane-5

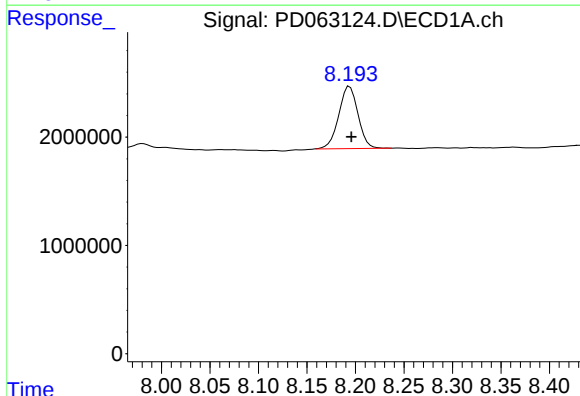
R.T.: 6.305 min
Delta R.T.: 0.026 min
Response: 702437
Conc: 15.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOP-SOIL-COMPOSITE-PILE-3



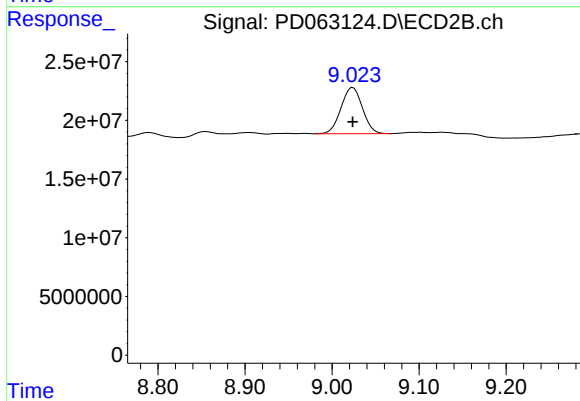
#27 Chlordane-5

R.T.: 6.950 min
Delta R.T.: -0.003 min
Response: 813848
Conc: 1.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 7918320
Conc: 6.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 67302225
Conc: 6.60 ng/ml