

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 11:17
 Operator : AR\AJ
 Sample : P3390-01
 Misc : PEST LOD 2.5PPB/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:49:46 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	2.771	18446891	103.5E6	18.041	18.003
28)	SA Decachlor...	9.119	7.895	40265895	127.2E6	17.638	19.807
Target Compounds							
2)	A alpha-BHC	4.023	3.270	3816577	20075587	1.943	2.264
3)	MA gamma-BHC...	4.357	3.598	3937912	20081997	2.038	2.512
4)	MA Heptachlor	4.949	3.936	4780364	19418683	2.403	2.390
5)	MB Aldrin	5.292	4.215	4949684	19710261	2.432	2.455
6)	B beta-BHC	4.555	3.896	1893408	9283188	2.387	2.638
7)	B delta-BHC	4.804	4.124	4127932	20238071	2.270	2.432
8)	B Heptachlo...	5.720	4.716	4485769	18907780	2.516	2.631
9)	A Endosulfan I	6.108	5.085	4907807	18381365	2.538	2.665
10)	B gamma-Chl...	5.977	4.965	5230024	19662600	2.616	2.594
11)	B alpha-Chl...	6.057	5.029	5063438	19737696	2.539	2.643
12)	B 4,4'-DDE	6.229	5.216	4865975	19316981	2.441	2.711
13)	MA Dieldrin	6.383	5.348	4853283	18913150	2.353	2.519
14)	MA Endrin	6.614	5.624	3595506	15235800	2.014	2.304
15)	B Endosulfa...	6.834	5.918	4630023	16864262	2.425	2.640
16)	A 4,4'-DDD	6.747	5.771	3491524	15391332	2.305	2.779
17)	MA 4,4'-DDT	7.062	6.021	3159975	10928884	1.840	1.905
18)	B Endrin al...	6.964	6.098	3667064	13941957	2.496	2.778
19)	B Endosulfa...	7.200	6.320	4378078	16446651	2.410	2.687
20)	A Methoxychlor	7.539	6.596	1958982	6667042	1.988	2.260
21)	B Endrin ke...	7.686	6.826	4996452	18986135	2.419	2.804
22)	Mirex	8.161	7.006	4250420	15525067	2.610	2.865
24)	Chlordane-2	5.243	4.303f	13462	213128	0.194	0.759 #
25)	Chlordane-3	5.977	4.965	5230024	19662600	17.202	25.278 #
26)	Chlordane-4	6.057	5.029	5063438	19737696	13.771	25.751 #
27)	Chlordane-5	0.000	5.918	0	16864262	N.D.	61.040 #

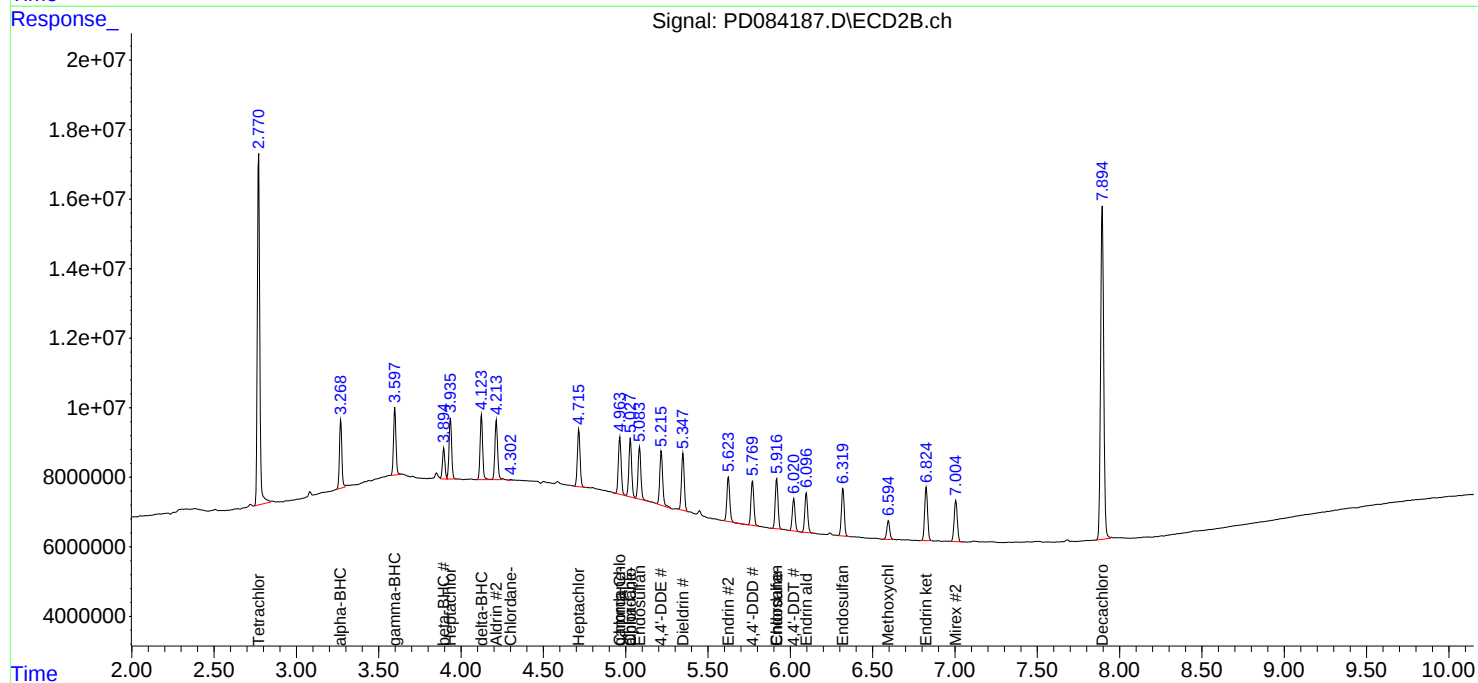
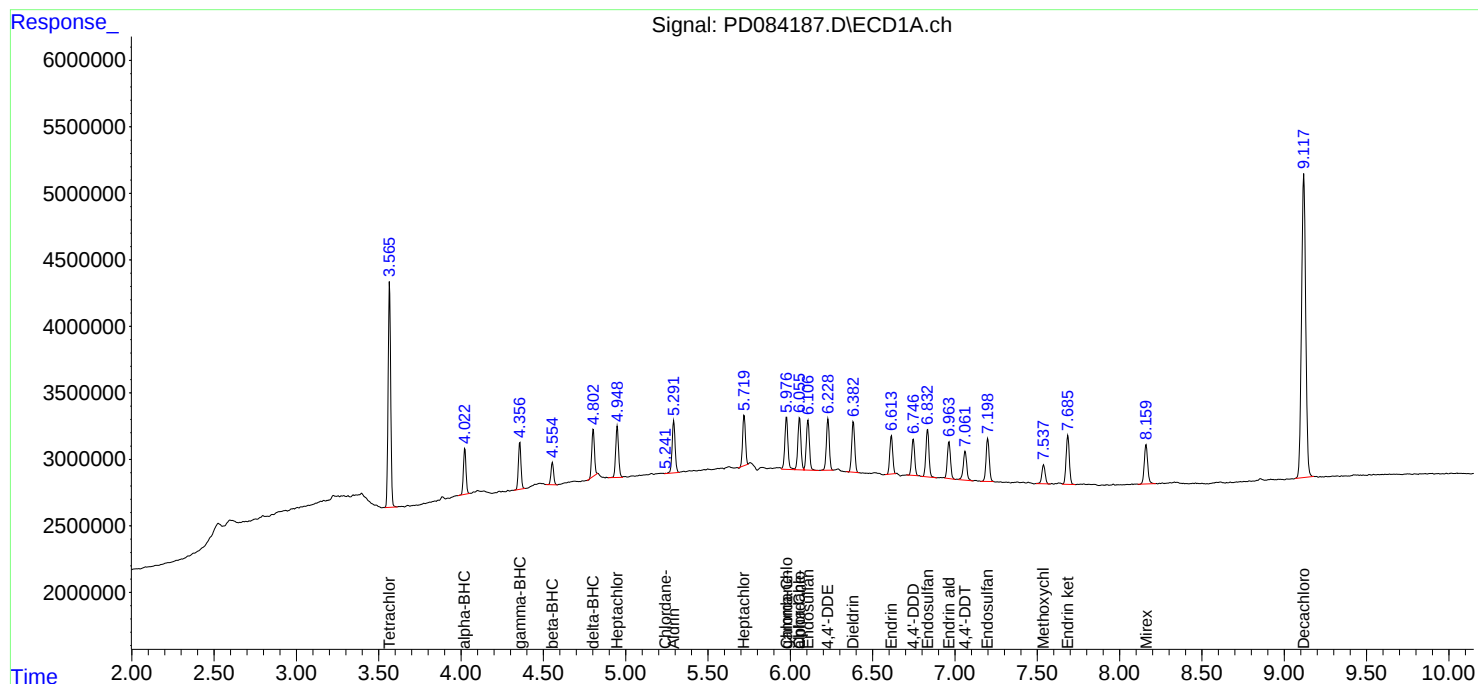
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

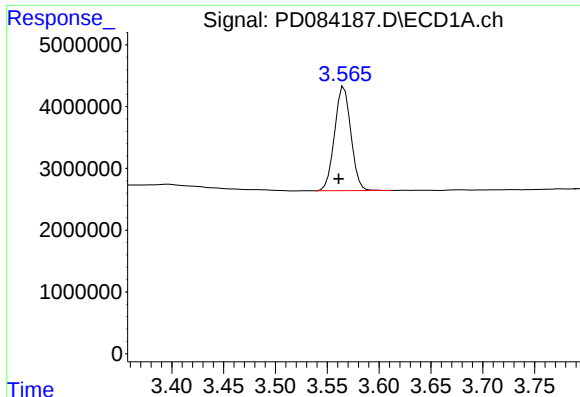
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 11:17
Operator : AR\AJ
Sample : P3390-01
Misc : PEST LOD 2.5PPB/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:49:46 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
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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

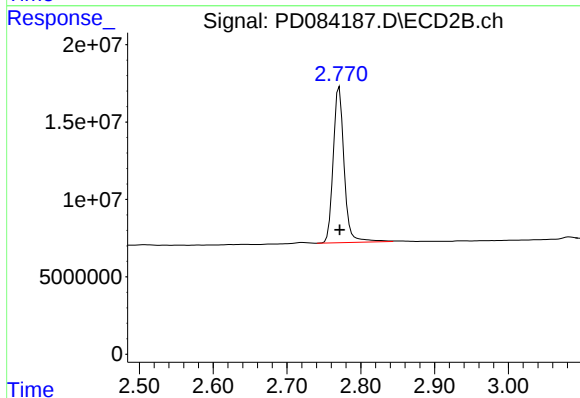




#1 Tetrachloro-m-xylene

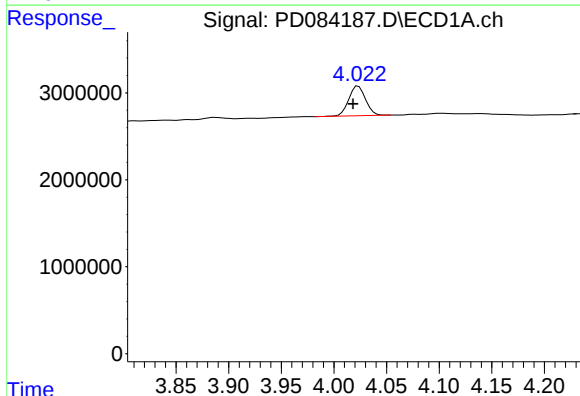
R.T.: 3.566 min
Delta R.T.: 0.005 min
Response: 18446891
Conc: 18.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



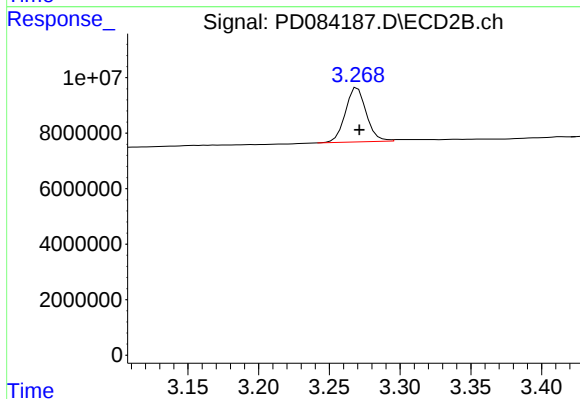
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 103510831
Conc: 18.00 ng/ml



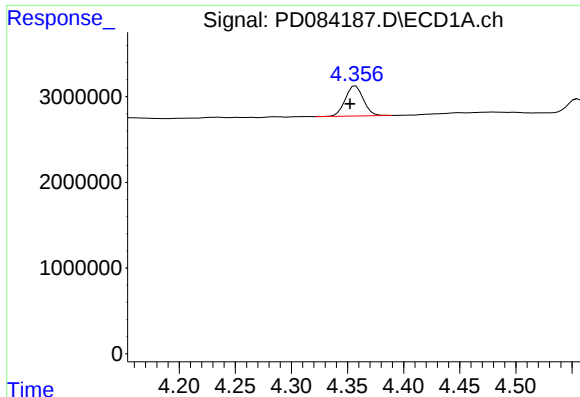
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.005 min
Response: 3816577
Conc: 1.94 ng/ml



#2 alpha-BHC

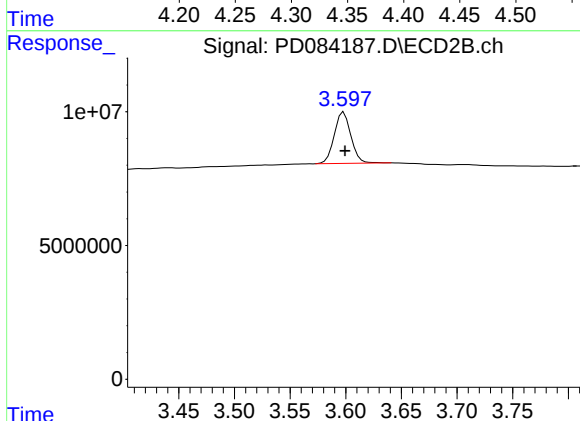
R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 20075587
Conc: 2.26 ng/ml



#3 gamma-BHC (Lindane)

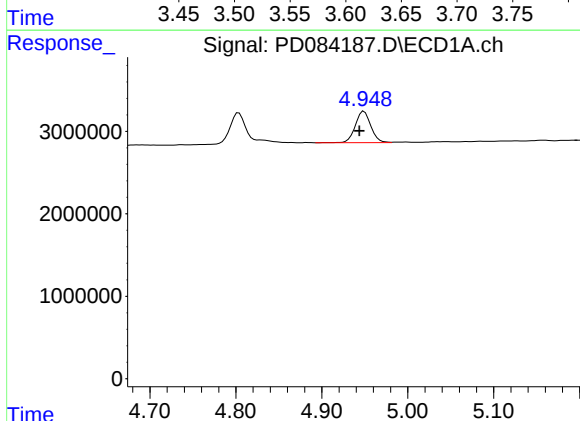
R.T.: 4.357 min
Delta R.T.: 0.005 min
Response: 3937912
Conc: 2.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



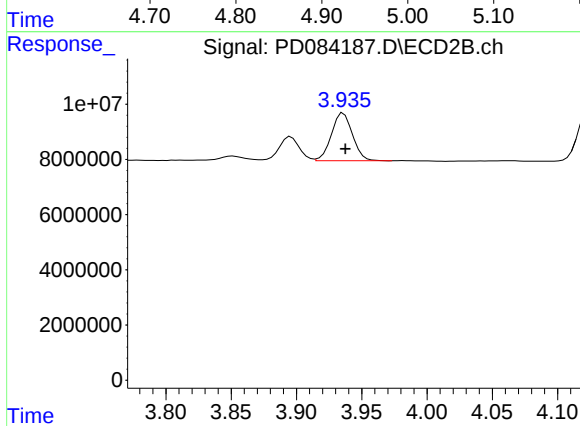
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 20081997
Conc: 2.51 ng/ml



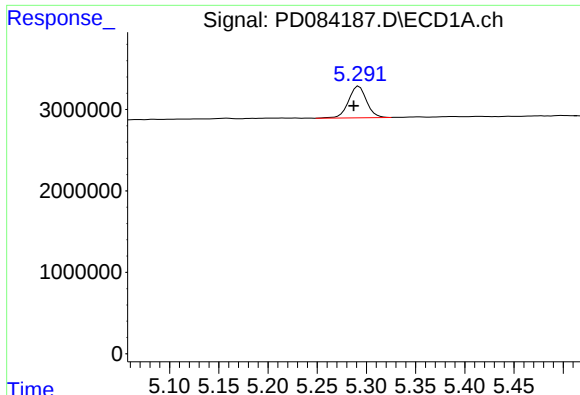
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.005 min
Response: 4780364
Conc: 2.40 ng/ml



#4 Heptachlor

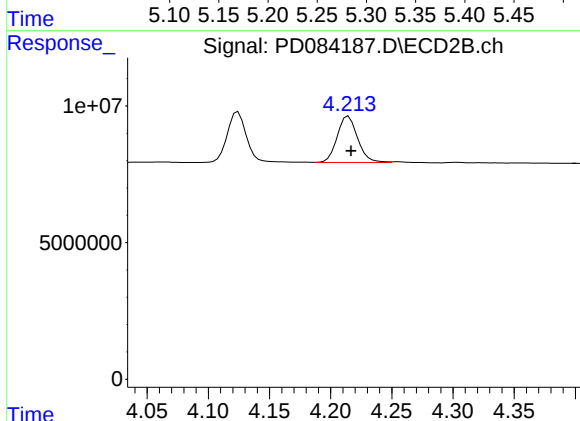
R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 19418683
Conc: 2.39 ng/ml



#5 Aldrin

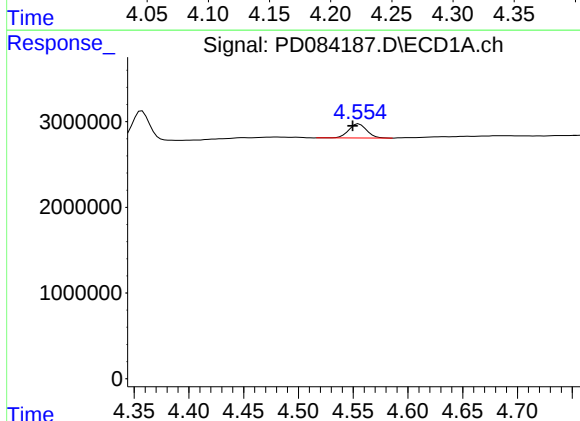
R.T.: 5.292 min
Delta R.T.: 0.005 min
Response: 4949684
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



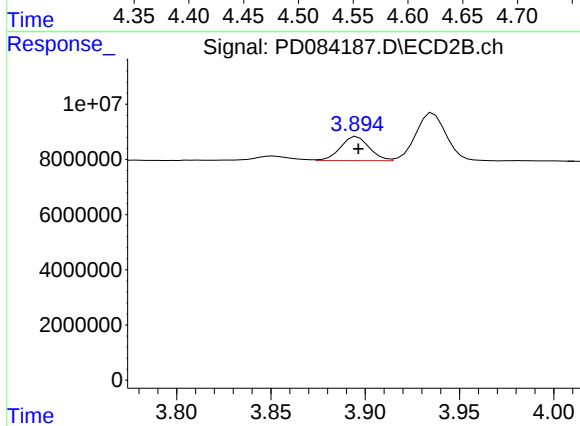
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 19710261
Conc: 2.45 ng/ml



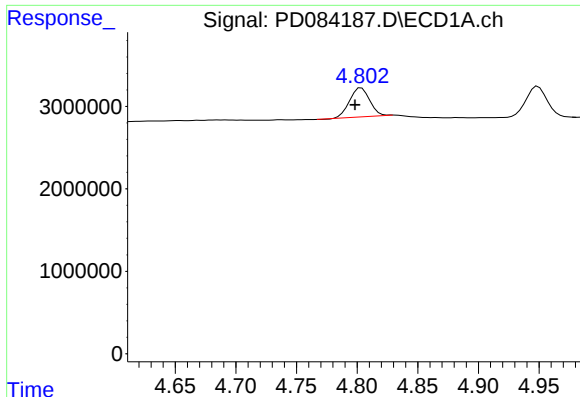
#6 beta-BHC

R.T.: 4.555 min
Delta R.T.: 0.006 min
Response: 1893408
Conc: 2.39 ng/ml



#6 beta-BHC

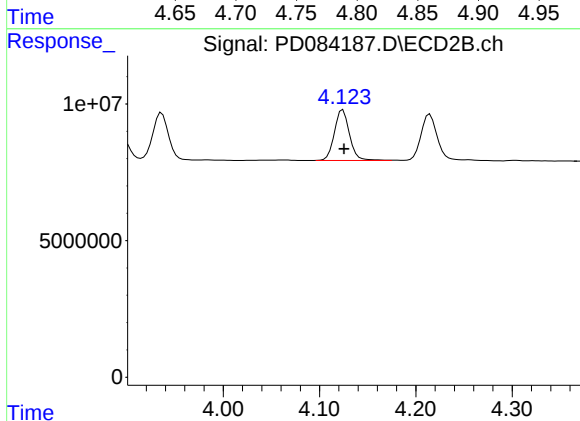
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 9283188
Conc: 2.64 ng/ml



#7 delta-BHC

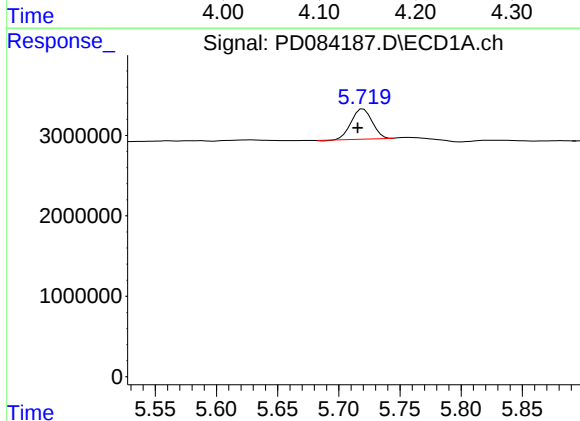
R.T.: 4.804 min
Delta R.T.: 0.005 min
Response: 4127932
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



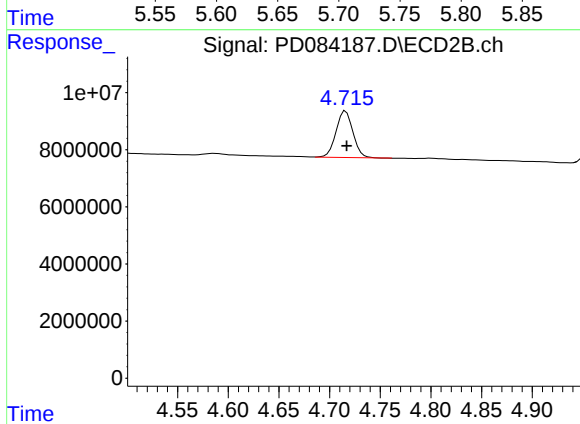
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 20238071
Conc: 2.43 ng/ml



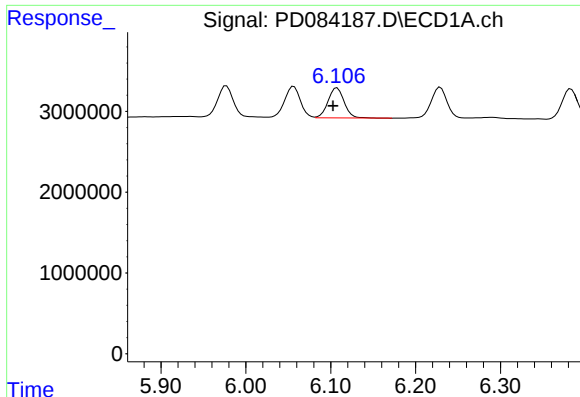
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.004 min
Response: 4485769
Conc: 2.52 ng/ml



#8 Heptachlor epoxide

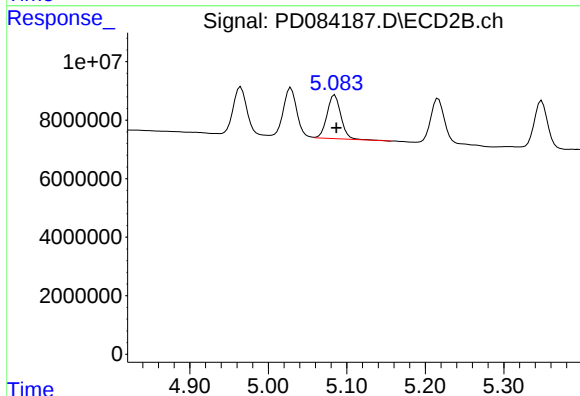
R.T.: 4.716 min
Delta R.T.: -0.001 min
Response: 18907780
Conc: 2.63 ng/ml



#9 Endosulfan I

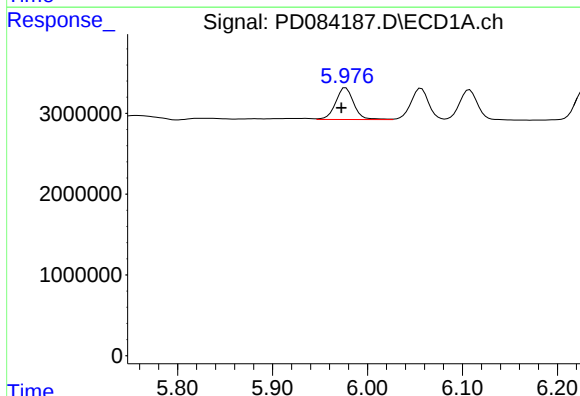
R.T.: 6.108 min
Delta R.T.: 0.005 min
Response: 4907807
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



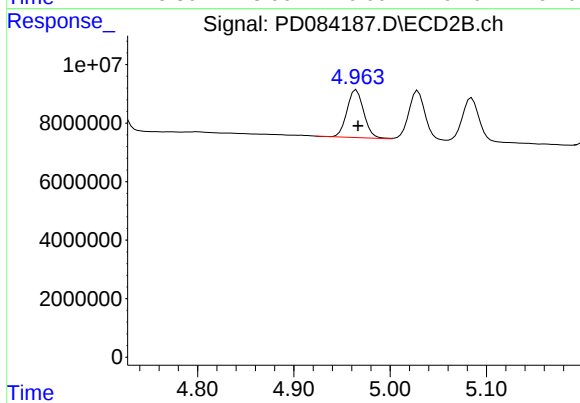
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 18381365
Conc: 2.67 ng/ml



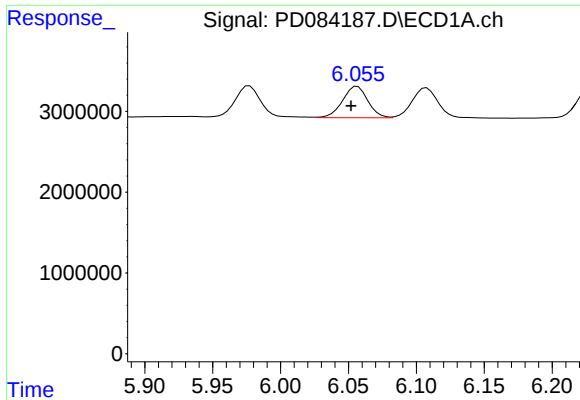
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.005 min
Response: 5230024
Conc: 2.62 ng/ml



#10 gamma-Chlordane

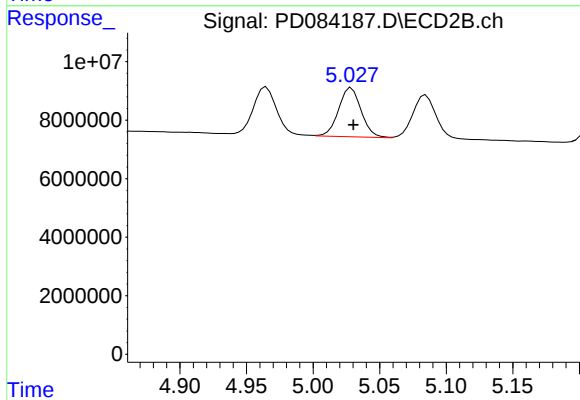
R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 19662600
Conc: 2.59 ng/ml



#11 alpha-Chlordane

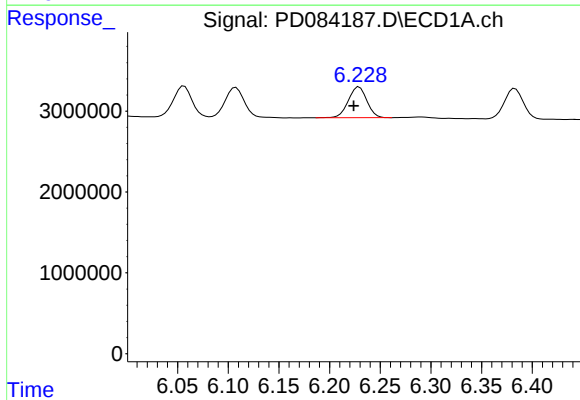
R.T.: 6.057 min
Delta R.T.: 0.005 min
Response: 5063438
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



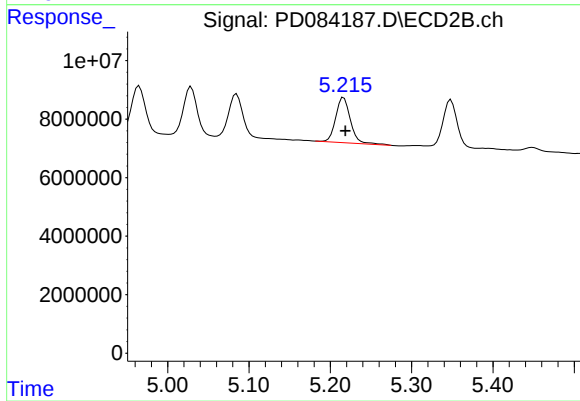
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 19737696
Conc: 2.64 ng/ml



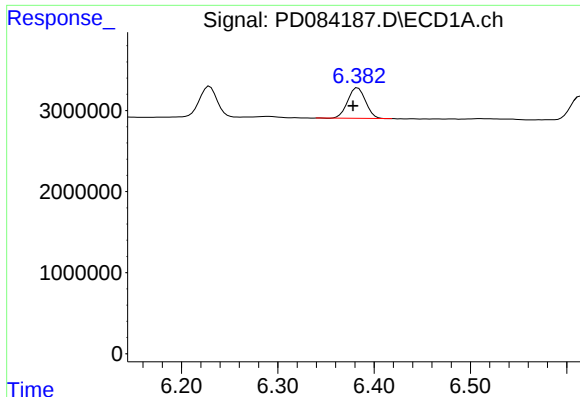
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 4865975
Conc: 2.44 ng/ml



#12 4,4'-DDE

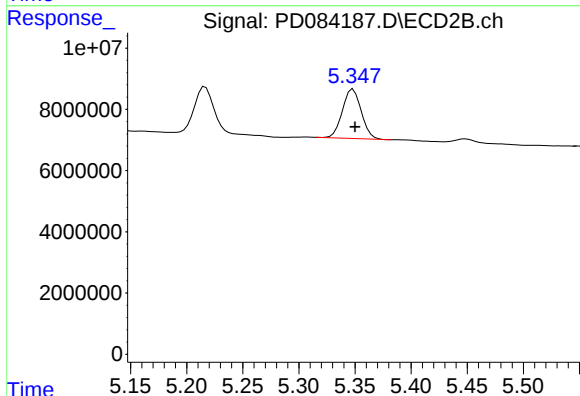
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 19316981
Conc: 2.71 ng/ml



#13 Dieldrin

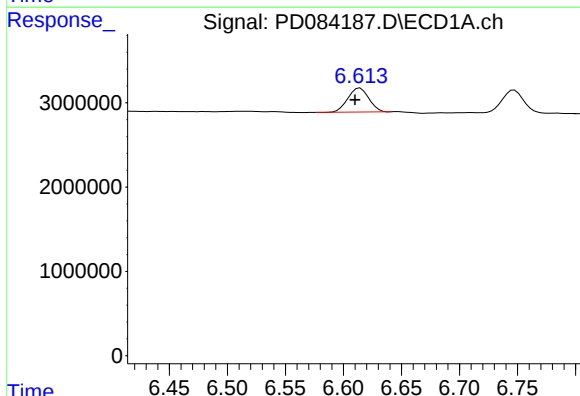
R.T.: 6.383 min
Delta R.T.: 0.005 min
Response: 4853283
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



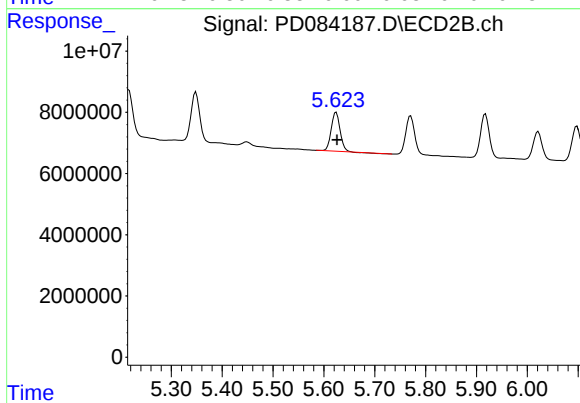
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 18913150
Conc: 2.52 ng/ml



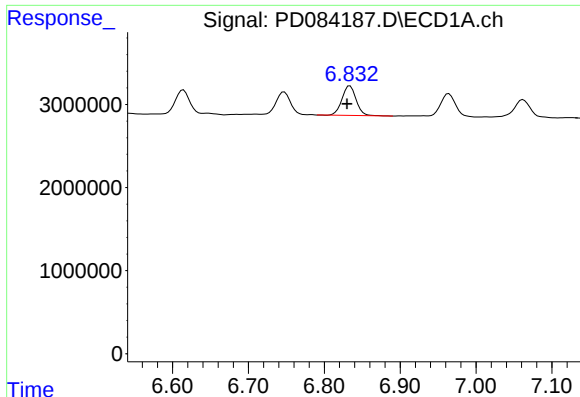
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.004 min
Response: 3595506
Conc: 2.01 ng/ml



#14 Endrin

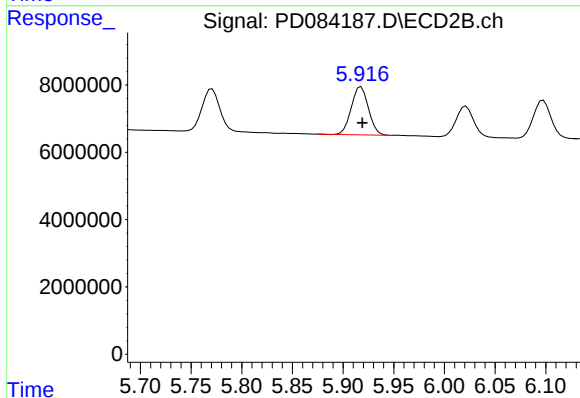
R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 15235800
Conc: 2.30 ng/ml



#15 Endosulfan II

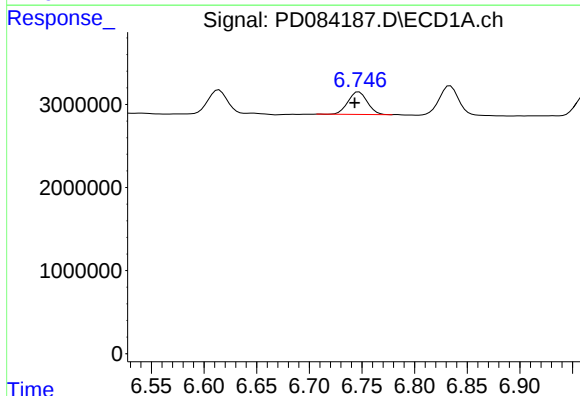
R.T.: 6.834 min
Delta R.T.: 0.004 min
Response: 4630023
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



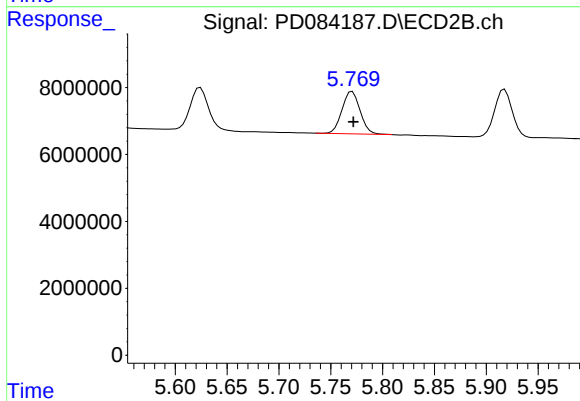
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 16864262
Conc: 2.64 ng/ml



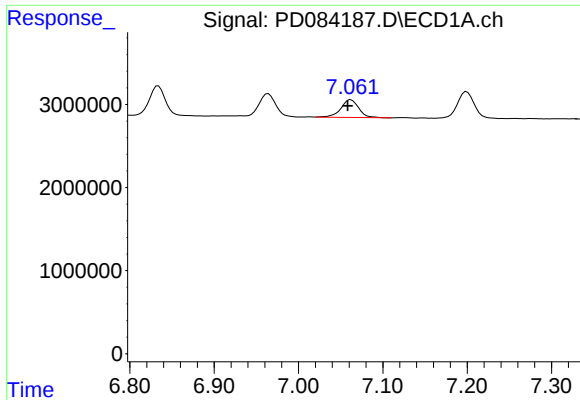
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 3491524
Conc: 2.30 ng/ml



#16 4,4'-DDD

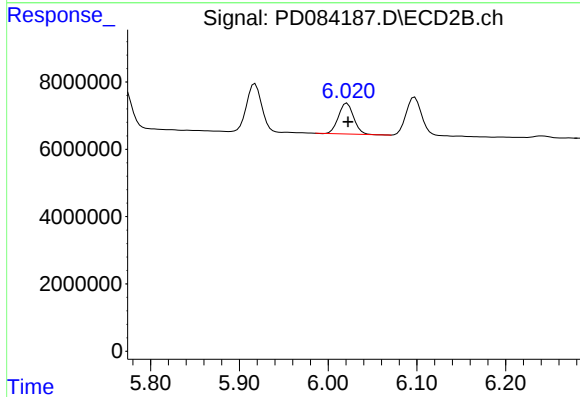
R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 15391332
Conc: 2.78 ng/ml



#17 4,4'-DDT

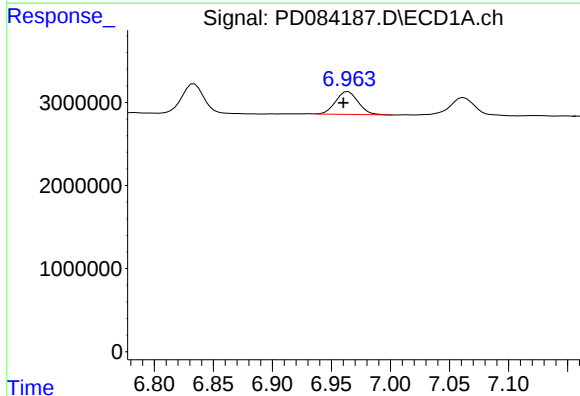
R.T.: 7.062 min
Delta R.T.: 0.004 min
Response: 3159975
Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



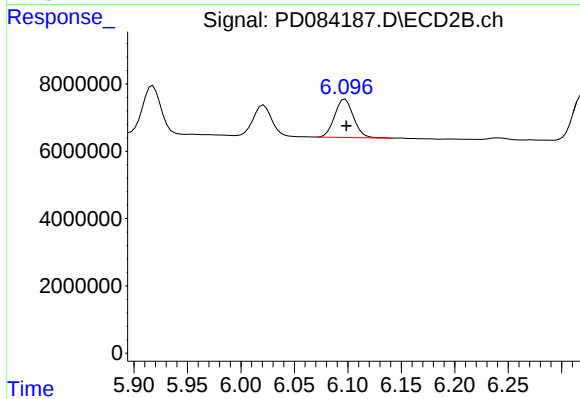
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 10928884
Conc: 1.91 ng/ml



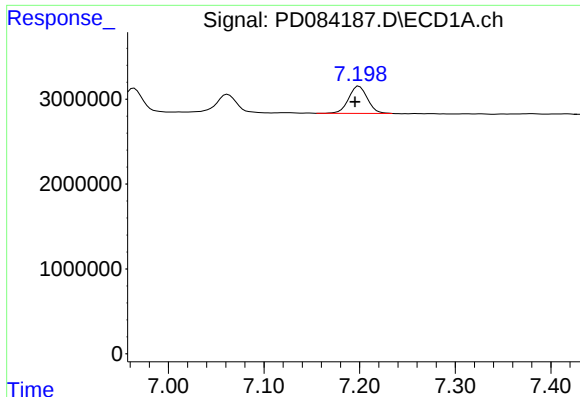
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.004 min
Response: 3667064
Conc: 2.50 ng/ml



#18 Endrin aldehyde

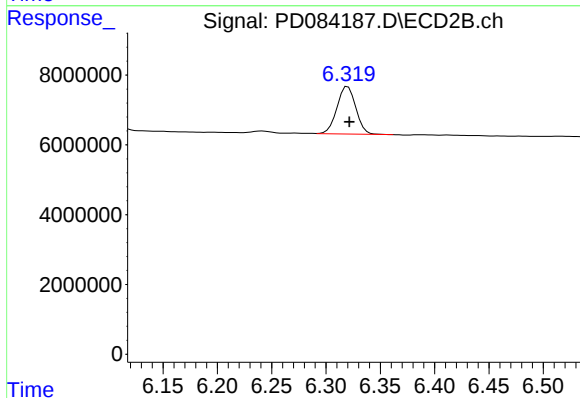
R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 13941957
Conc: 2.78 ng/ml



#19 Endosulfan Sulfate

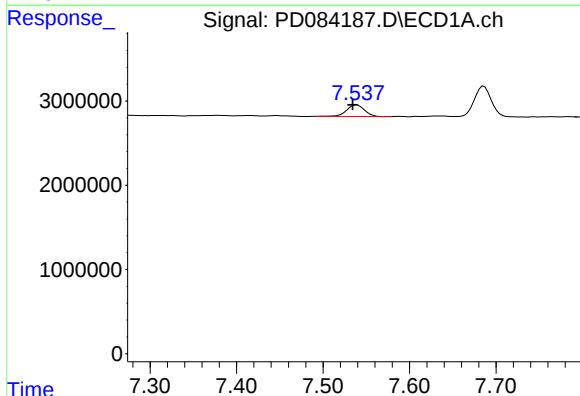
R.T.: 7.200 min
Delta R.T.: 0.004 min
Response: 4378078
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



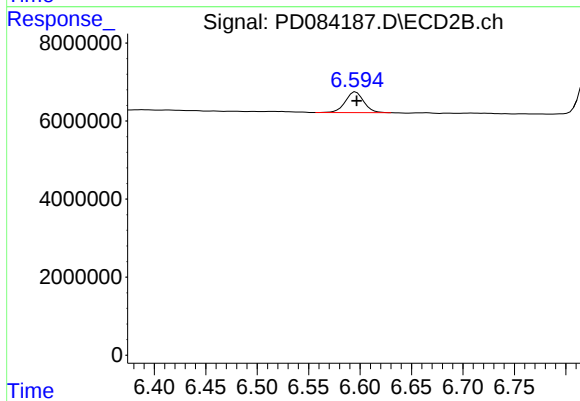
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.001 min
Response: 16446651
Conc: 2.69 ng/ml



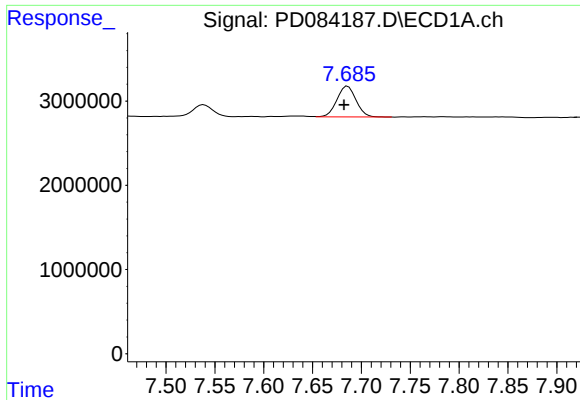
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.004 min
Response: 1958982
Conc: 1.99 ng/ml



#20 Methoxychlor

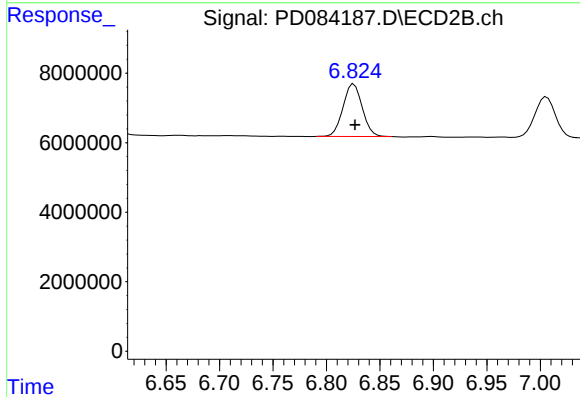
R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 6667042
Conc: 2.26 ng/ml



#21 Endrin ketone

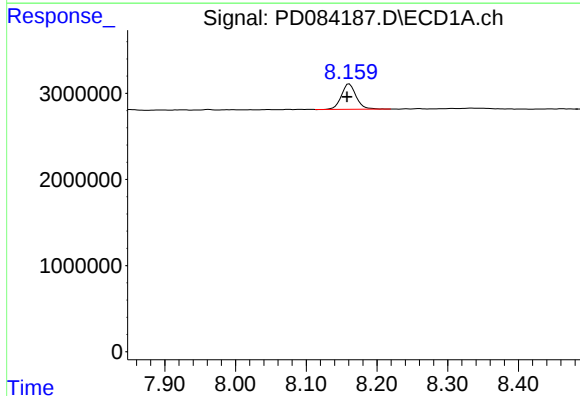
R.T.: 7.686 min
Delta R.T.: 0.004 min
Response: 4996452
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



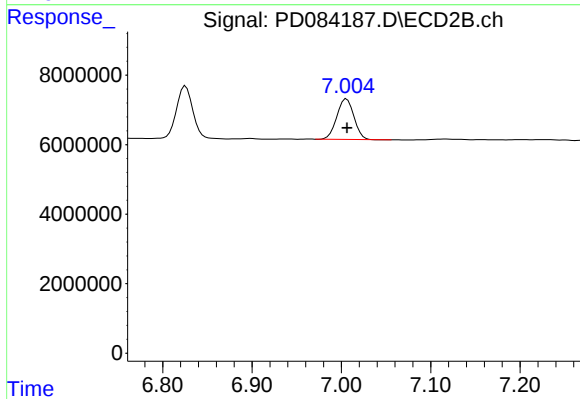
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 18986135
Conc: 2.80 ng/ml



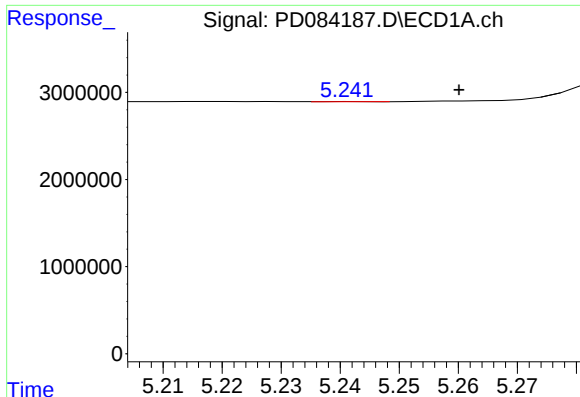
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.003 min
Response: 4250420
Conc: 2.61 ng/ml



#22 Mirex

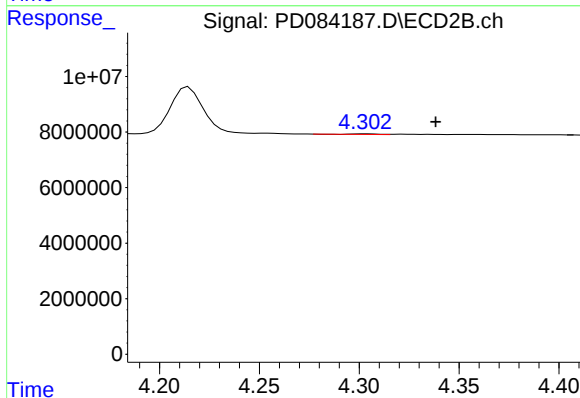
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 15525067
Conc: 2.86 ng/ml



#24 Chlordane-2

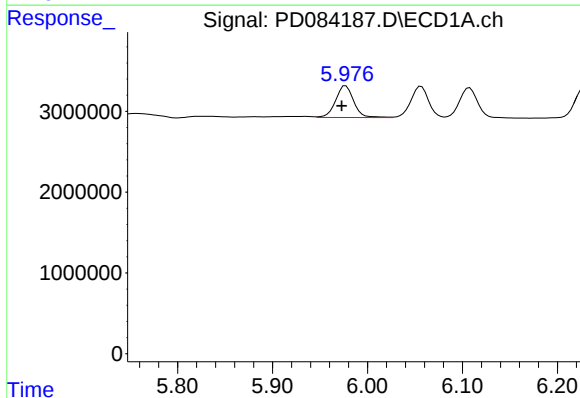
R.T.: 5.243 min
Delta R.T.: -0.018 min
Response: 13462
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



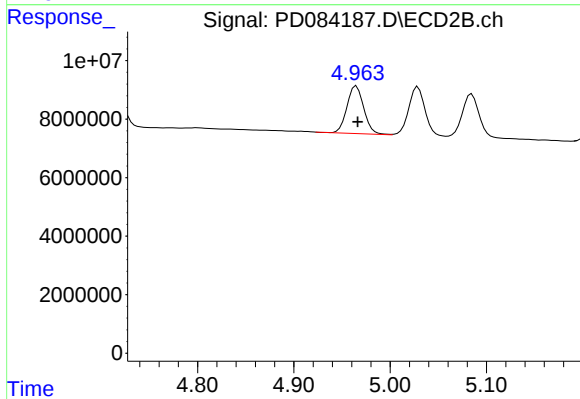
#24 Chlordane-2

R.T.: 4.303 min
Delta R.T.: -0.035 min
Response: 213128
Conc: 0.76 ng/ml



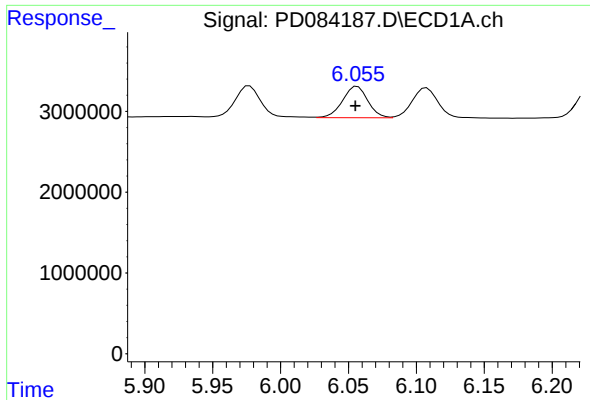
#25 Chlordane-3

R.T.: 5.977 min
Delta R.T.: 0.004 min
Response: 5230024
Conc: 17.20 ng/ml



#25 Chlordane-3

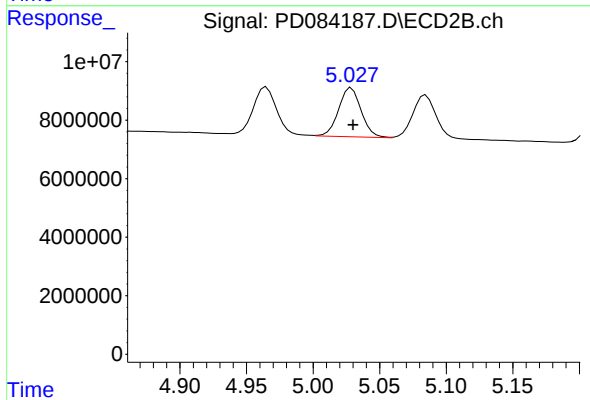
R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 19662600
Conc: 25.28 ng/ml



#26 Chlordane-4

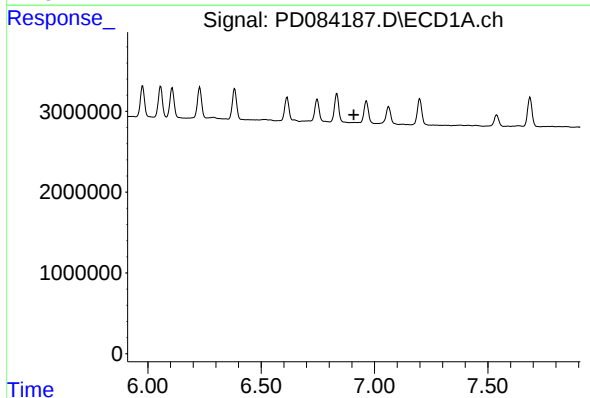
R.T.: 6.057 min
Delta R.T.: 0.002 min
Response: 5063438
Conc: 13.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



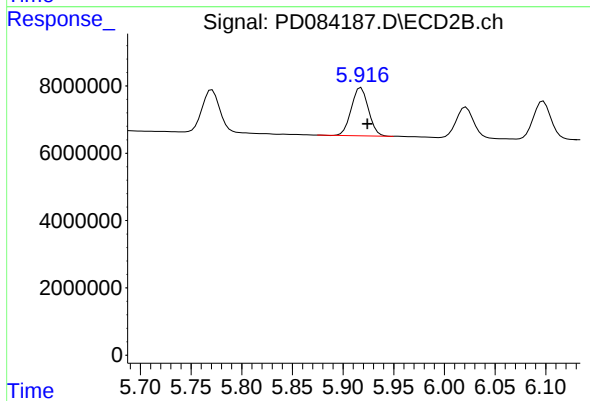
#26 Chlordane-4

R.T.: 5.029 min
Delta R.T.: -0.001 min
Response: 19737696
Conc: 25.75 ng/ml



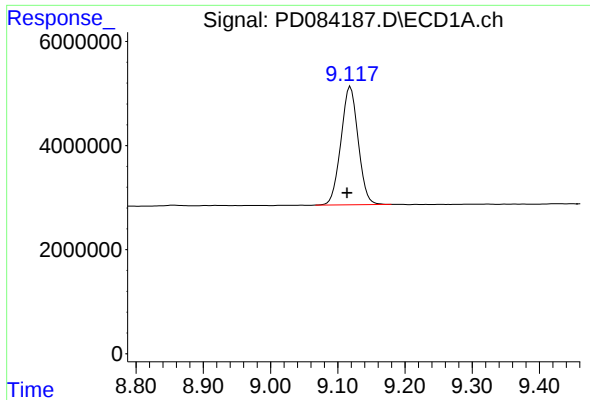
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.



#27 Chlordane-5

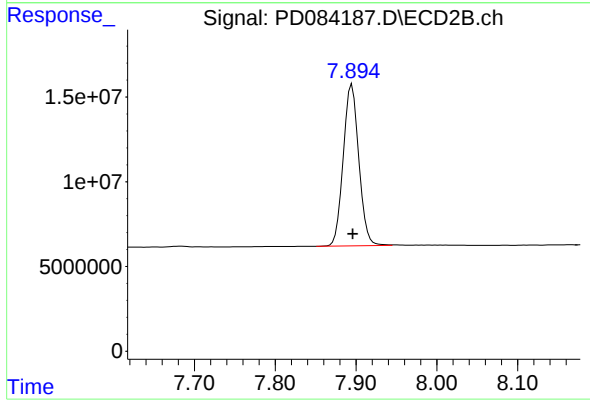
R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 16864262
Conc: 61.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 40265895
Conc: 17.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.001 min
Response: 127201506
Conc: 19.81 ng/ml