

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
 Data File : PD058187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 14:18
 Operator : AJ\MA
 Sample : L2182-01
 Misc : 2.5 PPB LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

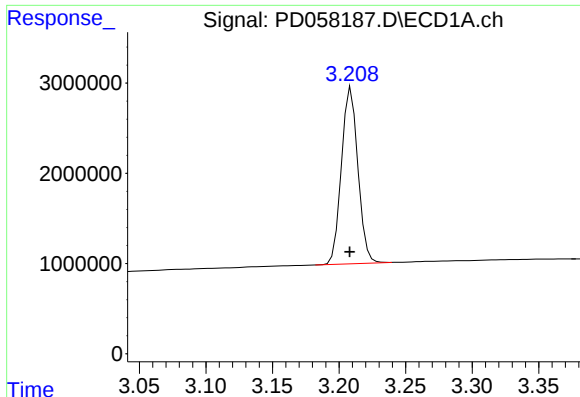
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 00:44:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
 Quant Title : GC Extractables
 QLast Update : Thu May 21 13:46:14 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.209	3.867	16818794	23221887	21.520	20.390
28)	SA Decachlor...	7.850	8.851	17236579	20820685	21.557	20.083
Target Compounds							
2)	A alpha-BHC	3.631	4.249	2868476	4064211	2.366	2.387
3)	MA gamma-BHC...	3.903	4.528	3740662	3834020	3.189	2.316 #
4)	MA Heptachlor	4.182	5.027	2677732	3864539	2.502	2.482
5)	MB Aldrin	4.417	5.326	2767169	3643389	2.637	2.491
6)	B beta-BHC	4.152	4.699	1379029	1486719	2.852	2.218
7)	B delta-BHC	4.343	4.909	2819853	3341216	2.470	2.277
8)	B Heptachlo...	4.851	5.709	2784398	3960339	2.852	2.849
9)	A Endosulfan I	5.178	6.061	2379521	3113577	2.608	2.466
10)	B gamma-Chl...	5.070	5.941	2819559	3517752	2.840	2.522
11)	B alpha-Chl...	5.127	6.013	2648293	3441180	2.677	2.479
12)	B 4,4'-DDE	5.297	6.173	2124373	3145315	2.281	2.463
13)	MA Dieldrin	5.415	6.316	2362876	3234648	2.408	2.429
14)	MA Endrin	5.667	6.531	2027472	2643064	2.534	2.502
15)	B Endosulfa...	5.940	6.741	2082220	3157884	2.400	2.626
16)	A 4,4'-DDD	5.805	6.659	1986277	2818115	2.465	2.545
17)	MA 4,4'-DDT	6.038	6.955	1497234	2087448	2.170	2.097
18)	B Endrin al...	6.108	6.864	1636624	2759363	2.238	2.667
19)	B Endosulfa...	6.319	7.086	1985415	2928831	2.434	2.609
20)	A Methoxychlor	6.587	0.000	820629	0	2.079	N.D. #
21)	B Endrin ke...	6.800	7.551	3322473	3378653	3.068	2.566
22)	Mirex	6.970	8.001	1556213	2585752	2.210	2.720
24)	Chlordane-2	0.000	5.326f	0	3643389	N.D.	75.769 #
25)	Chlordane-3	5.070	5.941	2819559	3517752	31.458	20.458 #
26)	Chlordane-4	5.127	6.013	2648293	3441180	30.996	16.513 #
27)	Chlordane-5	5.940	0.000	2082220	0	77.088	N.D. #

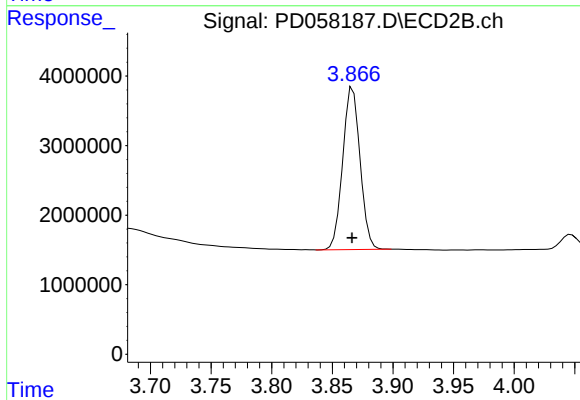
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

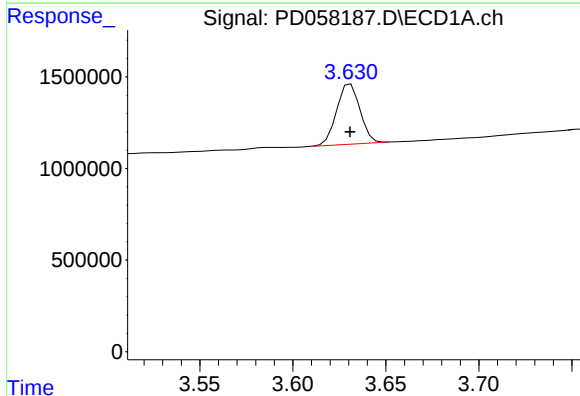
R.T.: 3.209 min
Delta R.T.: 0.001 min
Response: 16818794
Conc: 21.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



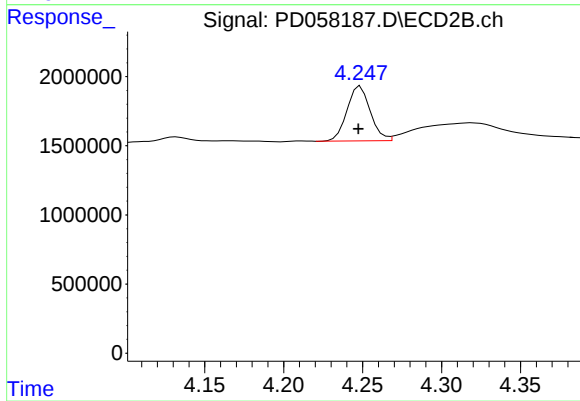
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 23221887
Conc: 20.39 ng/ml



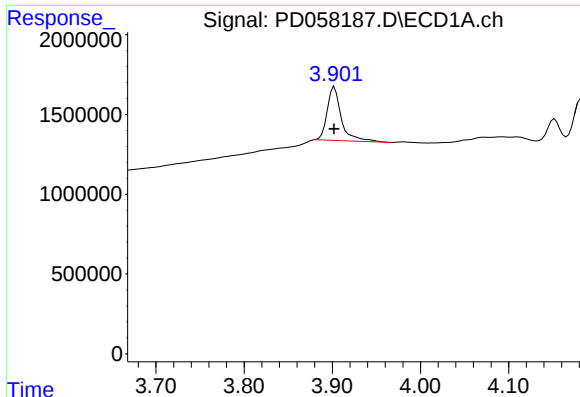
#2 alpha-BHC

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 2868476
Conc: 2.37 ng/ml



#2 alpha-BHC

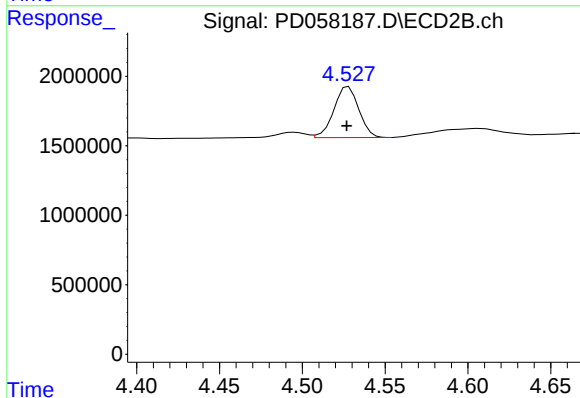
R.T.: 4.249 min
Delta R.T.: 0.001 min
Response: 4064211
Conc: 2.39 ng/ml



#3 gamma-BHC (Lindane)

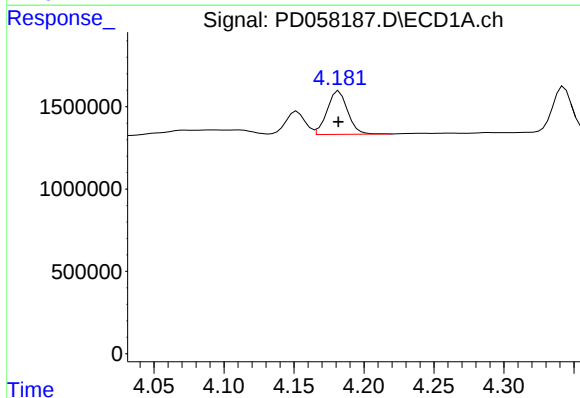
R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 3740662
Conc: 3.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



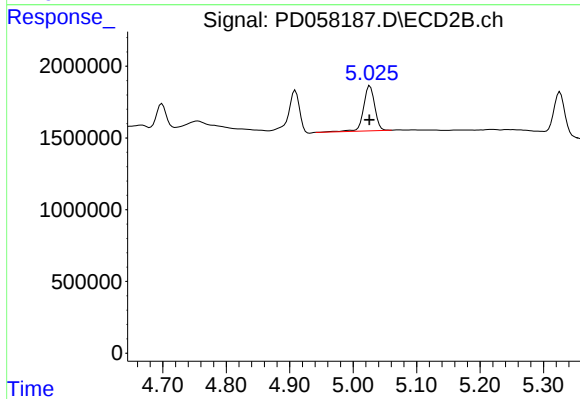
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 3834020
Conc: 2.32 ng/ml



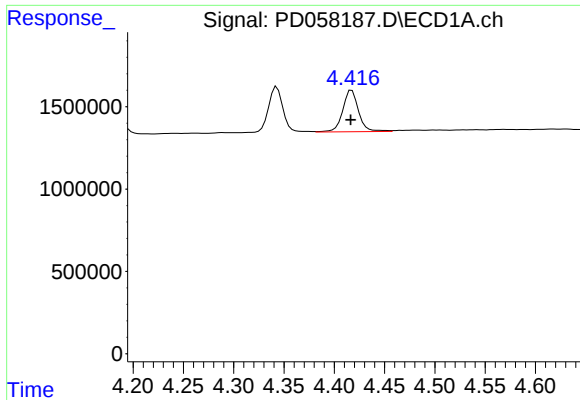
#4 Heptachlor

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 2677732
Conc: 2.50 ng/ml



#4 Heptachlor

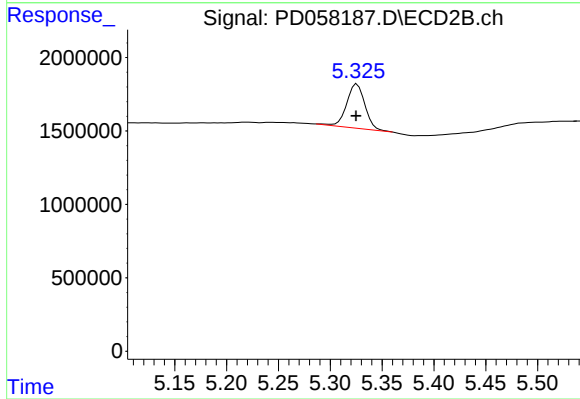
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 3864539
Conc: 2.48 ng/ml



#5 Aldrin

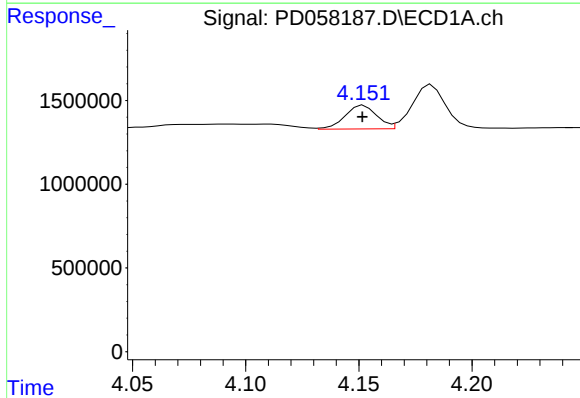
R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 2767169
Conc: 2.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



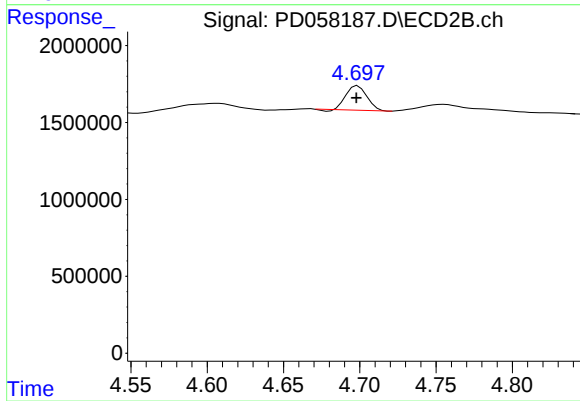
#5 Aldrin

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 3643389
Conc: 2.49 ng/ml



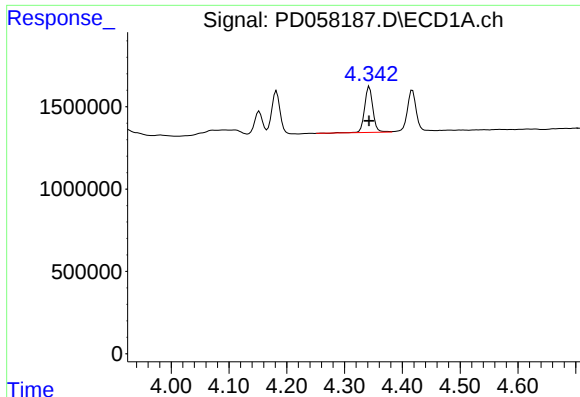
#6 beta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 1379029
Conc: 2.85 ng/ml



#6 beta-BHC

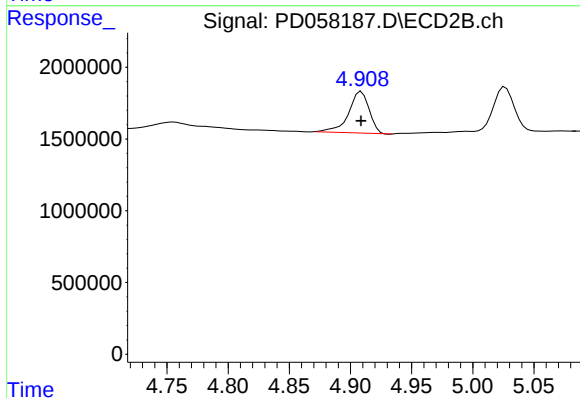
R.T.: 4.699 min
Delta R.T.: 0.001 min
Response: 1486719
Conc: 2.22 ng/ml



#7 delta-BHC

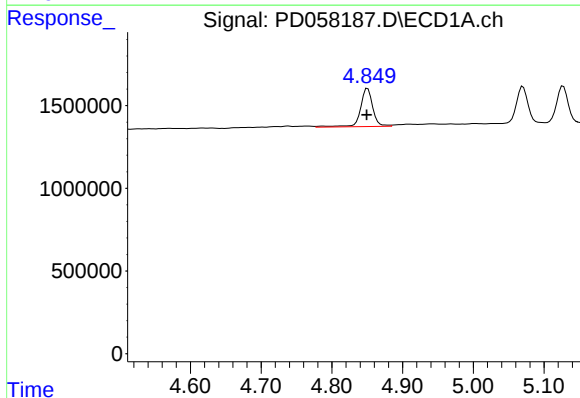
R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 2819853
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



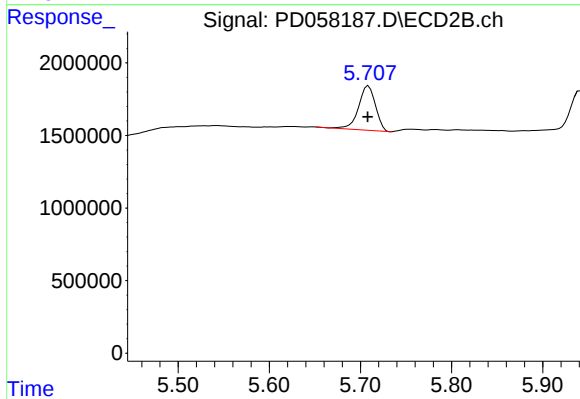
#7 delta-BHC

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 3341216
Conc: 2.28 ng/ml



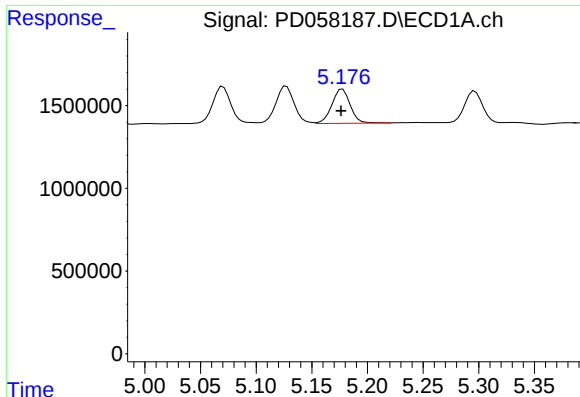
#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: 0.001 min
Response: 2784398
Conc: 2.85 ng/ml



#8 Heptachlor epoxide

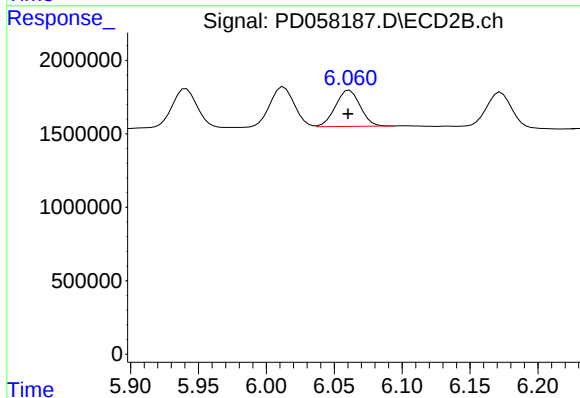
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 3960339
Conc: 2.85 ng/ml



#9 Endosulfan I

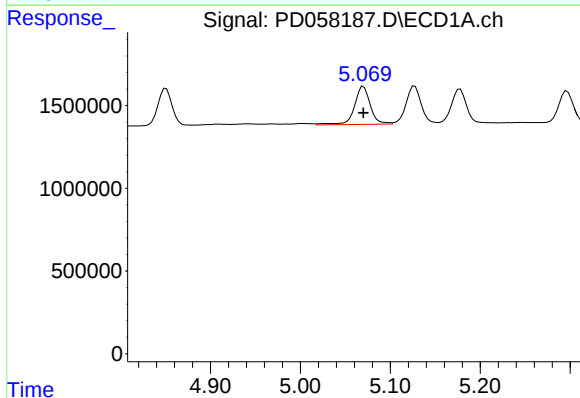
R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 2379521
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



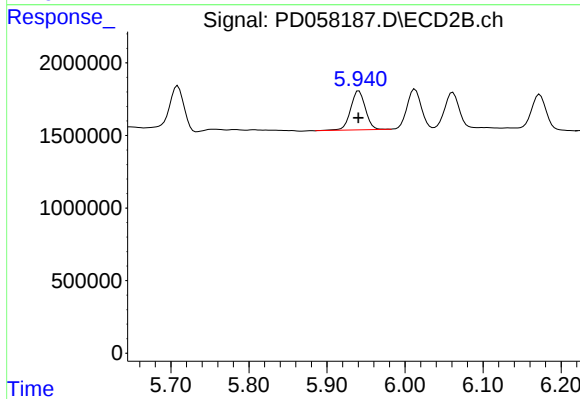
#9 Endosulfan I

R.T.: 6.061 min
Delta R.T.: 0.001 min
Response: 3113577
Conc: 2.47 ng/ml



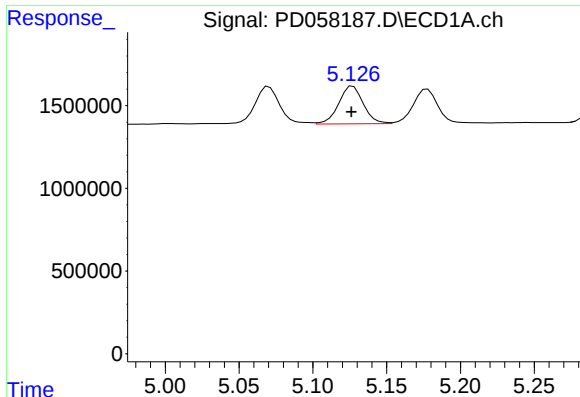
#10 gamma-Chlordane

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 2819559
Conc: 2.84 ng/ml



#10 gamma-Chlordane

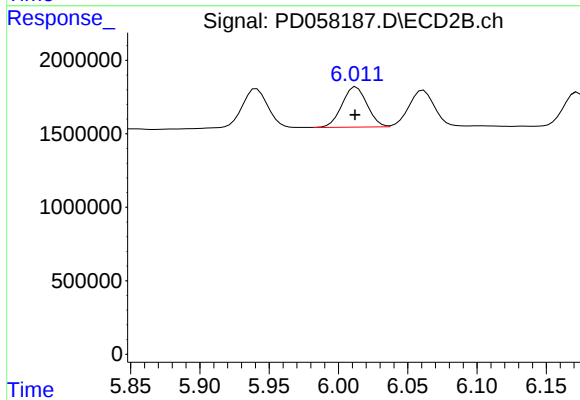
R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 3517752
Conc: 2.52 ng/ml



#11 alpha-Chlordane

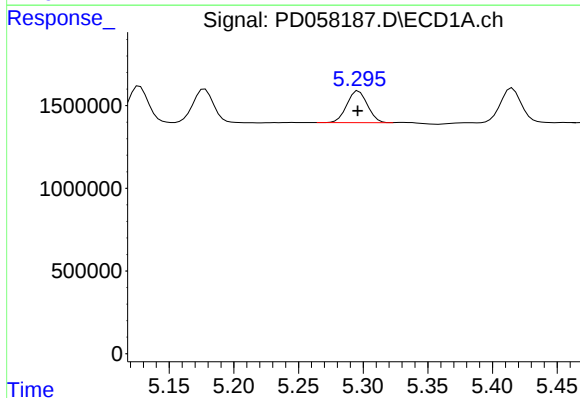
R.T.: 5.127 min
Delta R.T.: 0.001 min
Response: 2648293
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



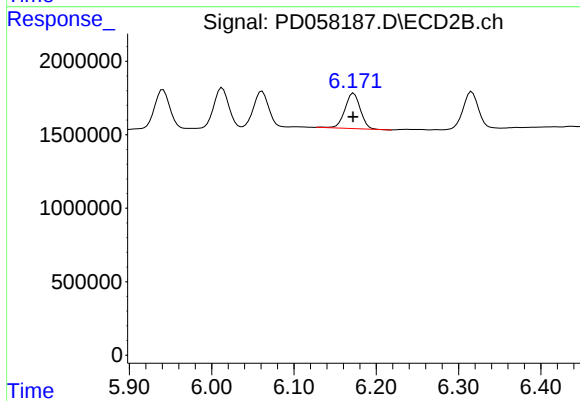
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 3441180
Conc: 2.48 ng/ml



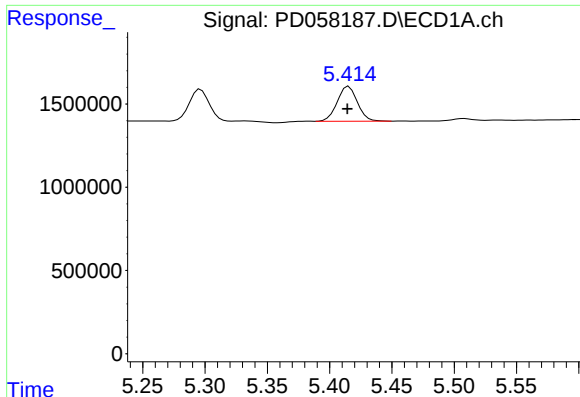
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 2124373
Conc: 2.28 ng/ml



#12 4,4'-DDE

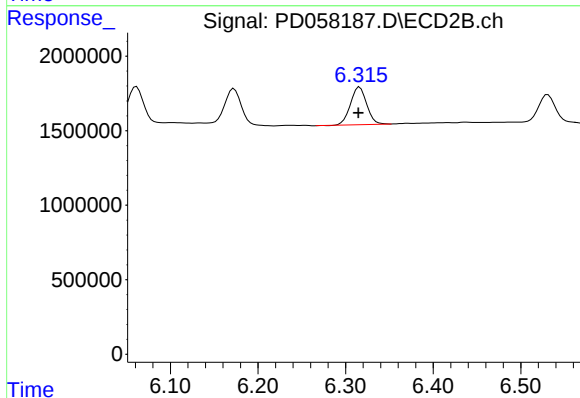
R.T.: 6.173 min
Delta R.T.: 0.001 min
Response: 3145315
Conc: 2.46 ng/ml



#13 Dieldrin

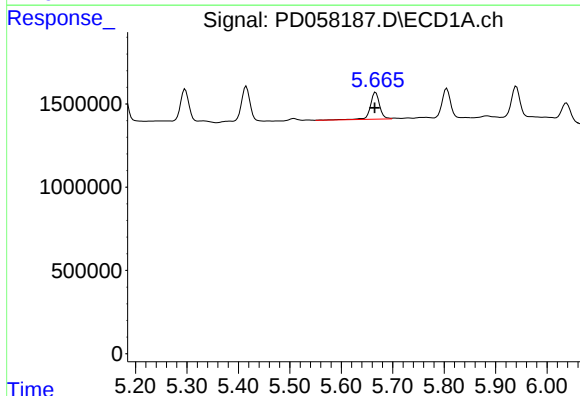
R.T.: 5.415 min
Delta R.T.: 0.001 min
Response: 2362876
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



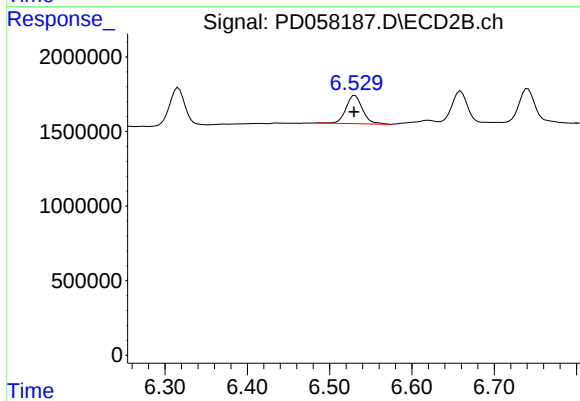
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.001 min
Response: 3234648
Conc: 2.43 ng/ml



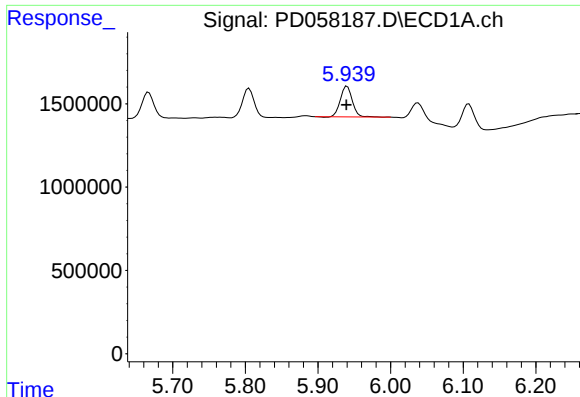
#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 2027472
Conc: 2.53 ng/ml



#14 Endrin

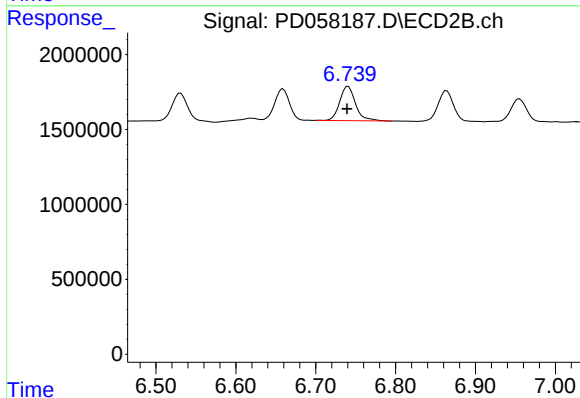
R.T.: 6.531 min
Delta R.T.: 0.001 min
Response: 2643064
Conc: 2.50 ng/ml



#15 Endosulfan II

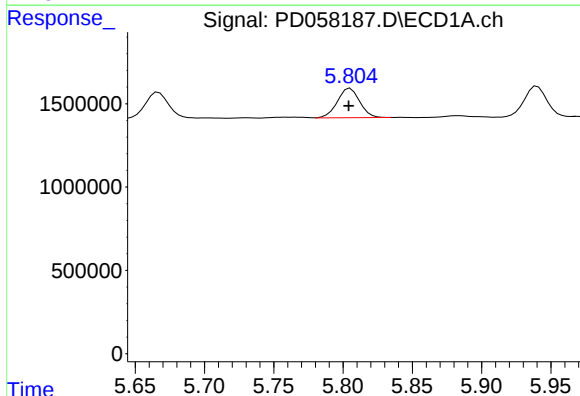
R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 2082220
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



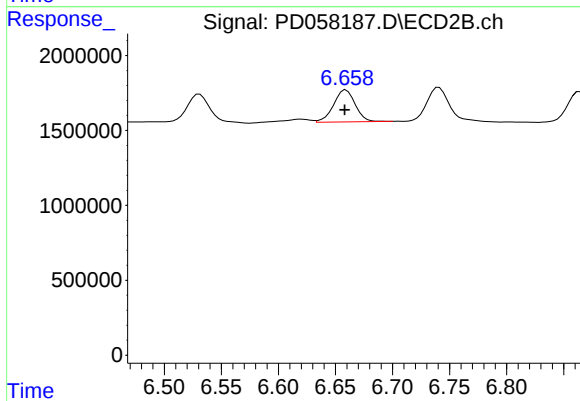
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 3157884
Conc: 2.63 ng/ml



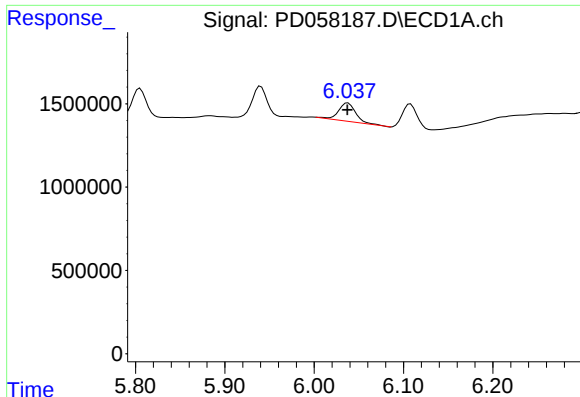
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.001 min
Response: 1986277
Conc: 2.46 ng/ml



#16 4,4'-DDD

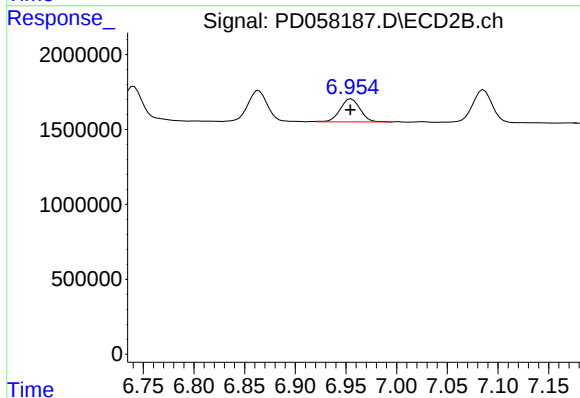
R.T.: 6.659 min
Delta R.T.: 0.001 min
Response: 2818115
Conc: 2.54 ng/ml



#17 4,4'-DDT

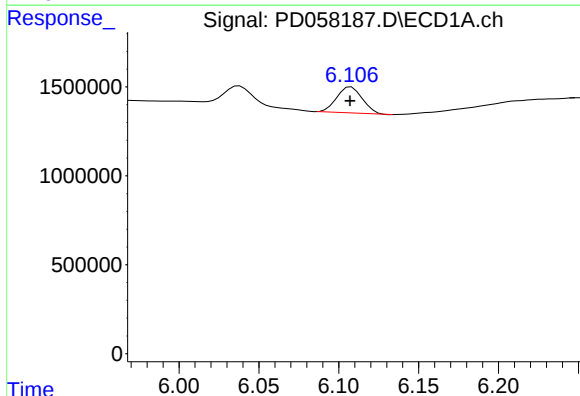
R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 1497234
Conc: 2.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



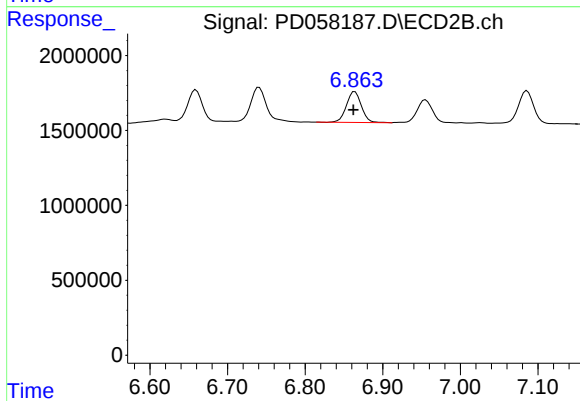
#17 4,4'-DDT

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 2087448
Conc: 2.10 ng/ml



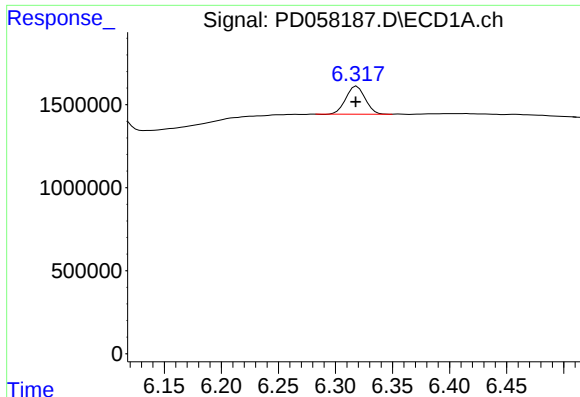
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 1636624
Conc: 2.24 ng/ml



#18 Endrin aldehyde

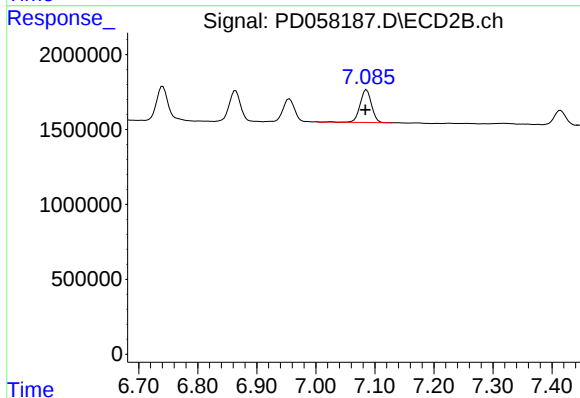
R.T.: 6.864 min
Delta R.T.: 0.002 min
Response: 2759363
Conc: 2.67 ng/ml



#19 Endosulfan Sulfate

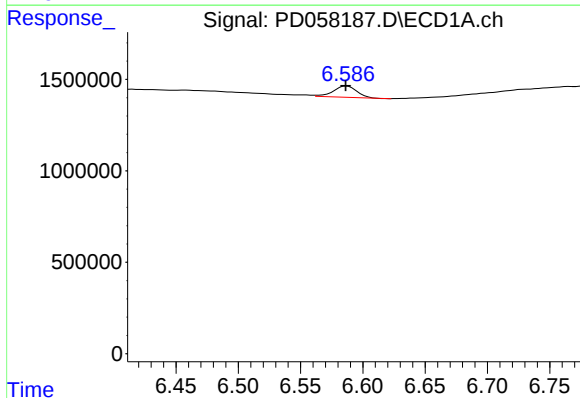
R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 1985415
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



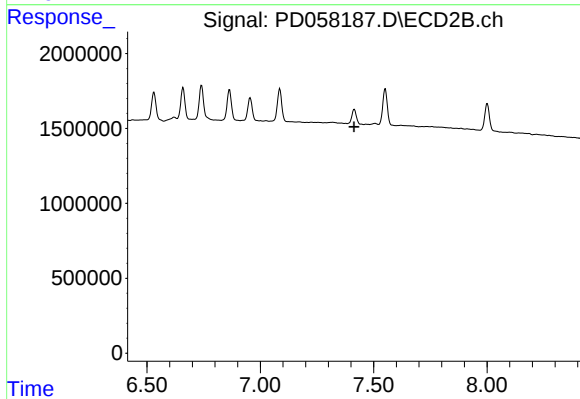
#19 Endosulfan Sulfate

R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 2928831
Conc: 2.61 ng/ml



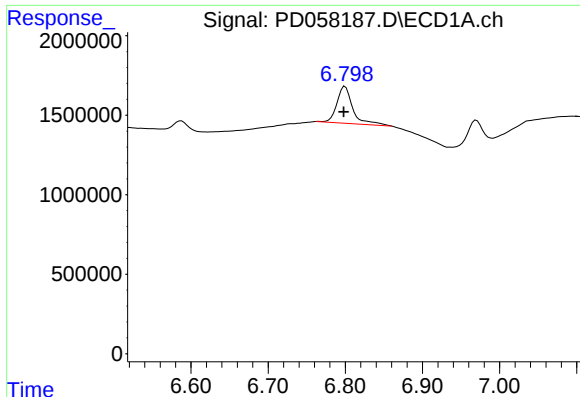
#20 Methoxychlor

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 820629
Conc: 2.08 ng/ml



#20 Methoxychlor

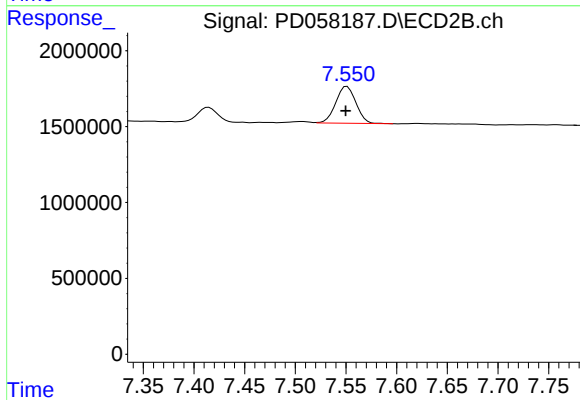
R.T.: 0.000 min
Exp R.T. : 7.413 min
Response: 0
Conc: N.D.



#21 Endrin ketone

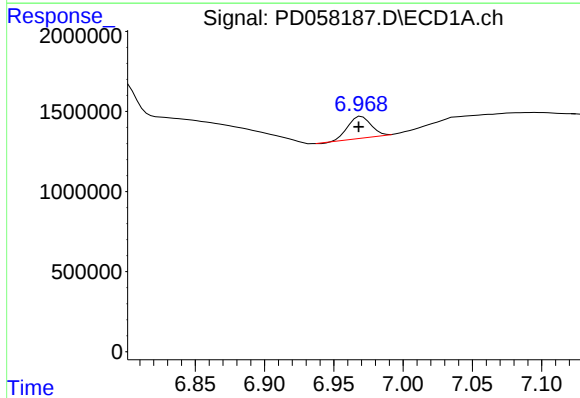
R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 3322473
Conc: 3.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



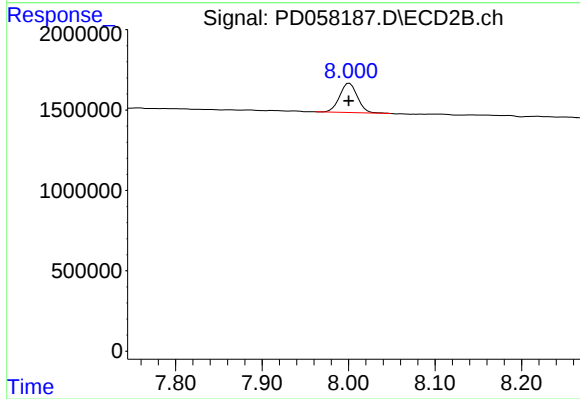
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: 0.001 min
Response: 3378653
Conc: 2.57 ng/ml



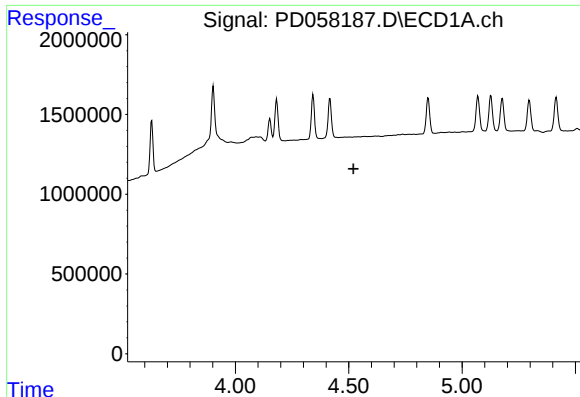
#22 Mirex

R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 1556213
Conc: 2.21 ng/ml



#22 Mirex

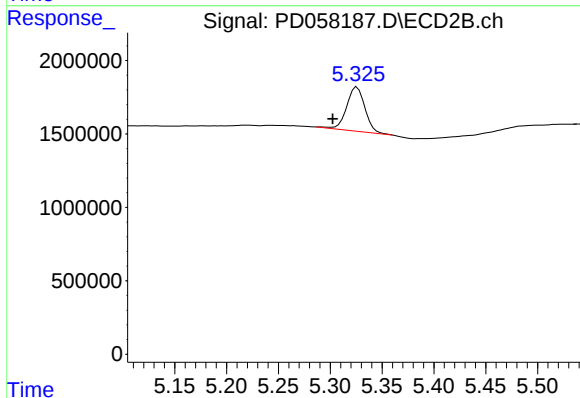
R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 2585752
Conc: 2.72 ng/ml



#24 Chlordane-2

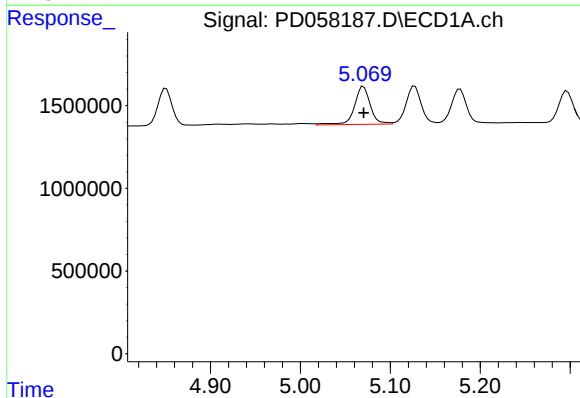
R.T.: 0.000 min
Exp R.T.: 4.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



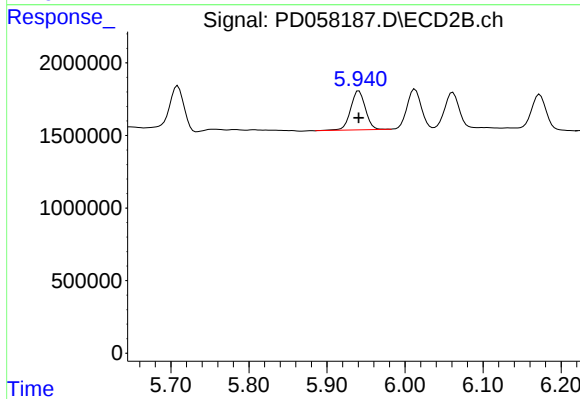
#24 Chlordane-2

R.T.: 5.326 min
Delta R.T.: 0.024 min
Response: 3643389
Conc: 75.77 ng/ml



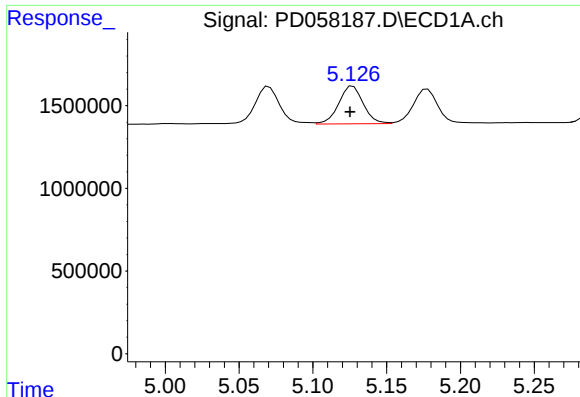
#25 Chlordane-3

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 2819559
Conc: 31.46 ng/ml



#25 Chlordane-3

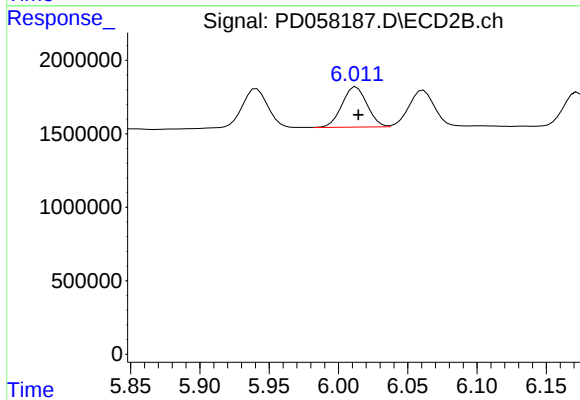
R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 3517752
Conc: 20.46 ng/ml



#26 Chlordane-4

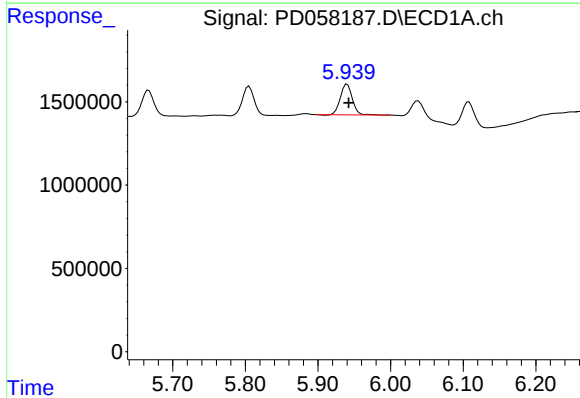
R.T.: 5.127 min
Delta R.T.: 0.002 min
Response: 2648293
Conc: 31.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



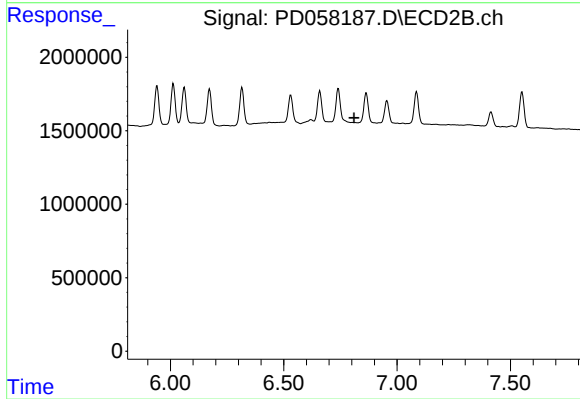
#26 Chlordane-4

R.T.: 6.013 min
Delta R.T.: -0.002 min
Response: 3441180
Conc: 16.51 ng/ml



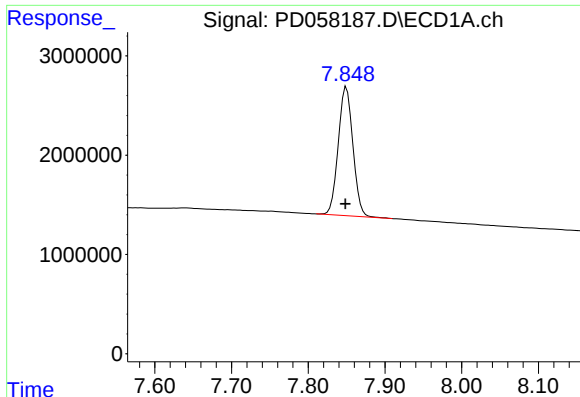
#27 Chlordane-5

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 2082220
Conc: 77.09 ng/ml



#27 Chlordane-5

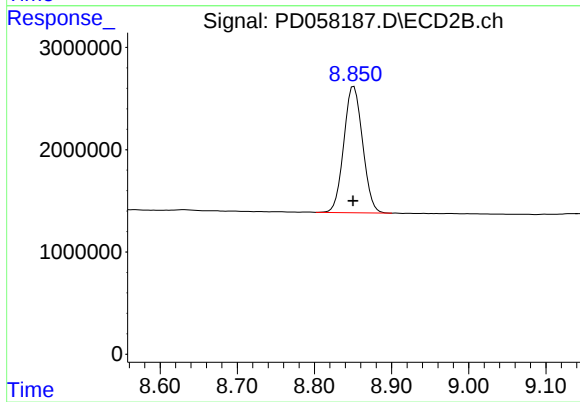
R.T.: 0.000 min
Exp R.T.: 6.810 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.850 min
Delta R.T.: 0.001 min
Response: 17236579
Conc: 21.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.001 min
Response: 20820685
Conc: 20.08 ng/ml