

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050621\
 Data File : PD062744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2021 21:43
 Operator : AR\AJ
 Sample : M2214-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 08:53:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 08:49:38 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...	3.441	3.970	17675058	281.4E6	19.877	24.304
28)	SA Decachlor...	8.202	9.031	21903653	236.0E6	20.689	20.453
Target Compounds							
2)	A alpha-BHC	3.878	4.360	765.3E6	8338.8E6	550.301	433.136
3)	MA gamma-BHC...	4.162	4.644	949.0E6	10051.1E6	726.242	581.517
4)	MA Heptachlor	4.463	5.153	704.6E6	7777.9E6	554.962	443.136
5)	MB Aldrin	4.712	5.457	1194.3E6	12655.7E6	991.914	756.717
6)	B beta-BHC	4.412	4.815	383.2E6	4269.1E6	639.669	559.788
7)	B delta-BHC	4.617	5.031	500.8E6	4699.2E6	371.444	260.327 #
8)	B Heptachlo...	5.155	5.843	753.5E6	7930.5E6	651.181	496.451
9)	A Endosulfan I	5.494	6.200	579.7E6	6357.0E6	529.139	430.680
10)	B gamma-Chl...	5.382	6.078	593.1E6	6532.5E6	503.919	410.560
11)	B alpha-Chl...	5.440	6.150	320.2E6	3665.5E6	276.436	240.106
12)	B 4,4'-DDE	5.605	6.307	999.3E6	10534.5E6	869.049	665.138
13)	MA Dieldrin	5.737	6.457	248.3E6	2896.4E6	206.781	179.262
14)	MA Endrin	5.995	6.674	281.4E6	3047.3E6	253.153	216.744
15)	B Endosulfa...	6.269	6.883	754.8E6	7867.3E6	724.562	588.915
16)	A 4,4'-DDD	6.121	6.797	1100.6E6	11351.1E6	1155.816	878.459
17)	MA 4,4'-DDT	6.362	7.095	479.9E6	5748.9E6	499.841	451.313
18)	B Endrin al...	6.437	7.007	200.0E6	2261.7E6	214.436	193.846
19)	B Endosulfa...	6.652	7.231	628.8E6	6980.9E6	600.503	501.935
20)	A Methoxychlor	6.909	7.554	81962962	880.0E6	139.232	131.841
21)	B Endrin ke...	7.143	7.701	478.1E6	4521.2E6	383.500	333.161
24)	Chlordane-2	4.836f	5.457f	2413085	12655.7E6	59.249	23705.701 #
25)	Chlordane-3	5.382	6.078	593.1E6	6532.5E6	5005.477	2922.918 #
26)	Chlordane-4	5.440	6.150	320.2E6	3665.5E6	3301.450	1421.135 #
27)	Chlordane-5	6.269	0.000	754.8E6	0	17315.463	N.D. #

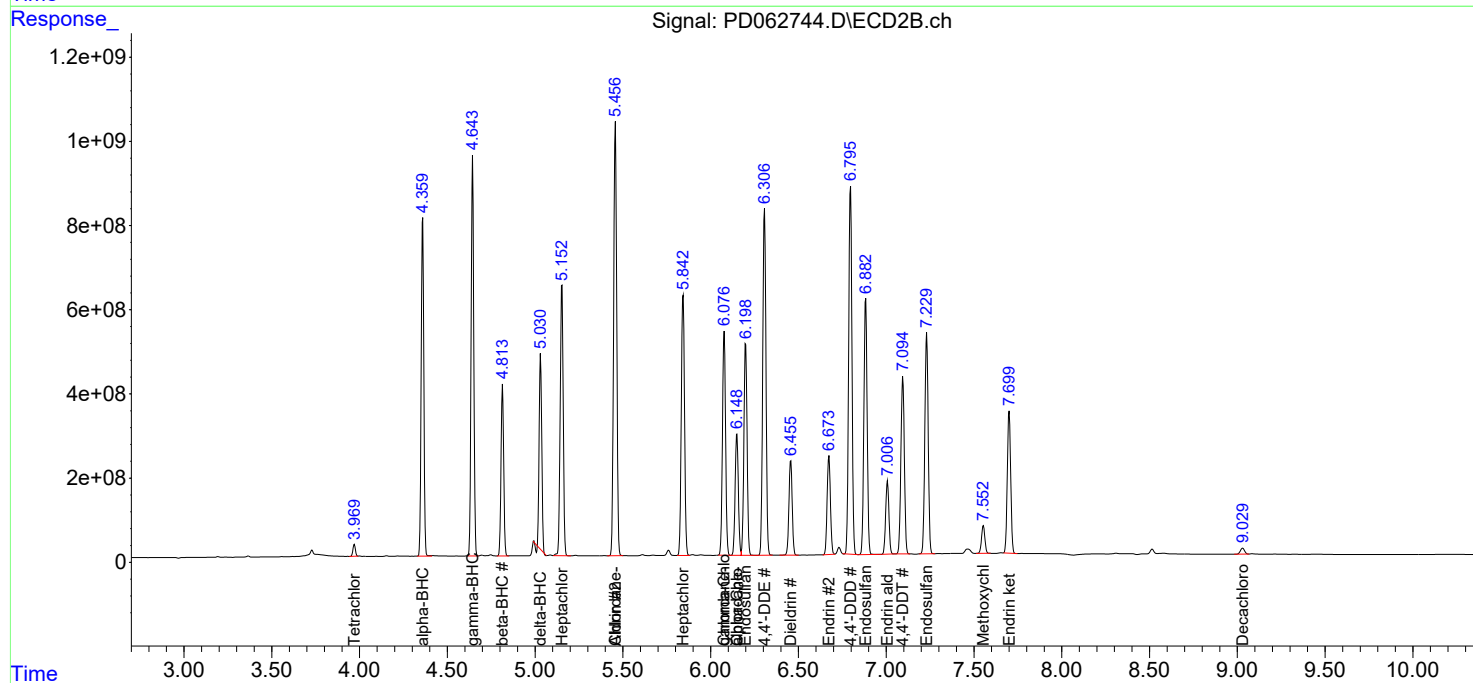
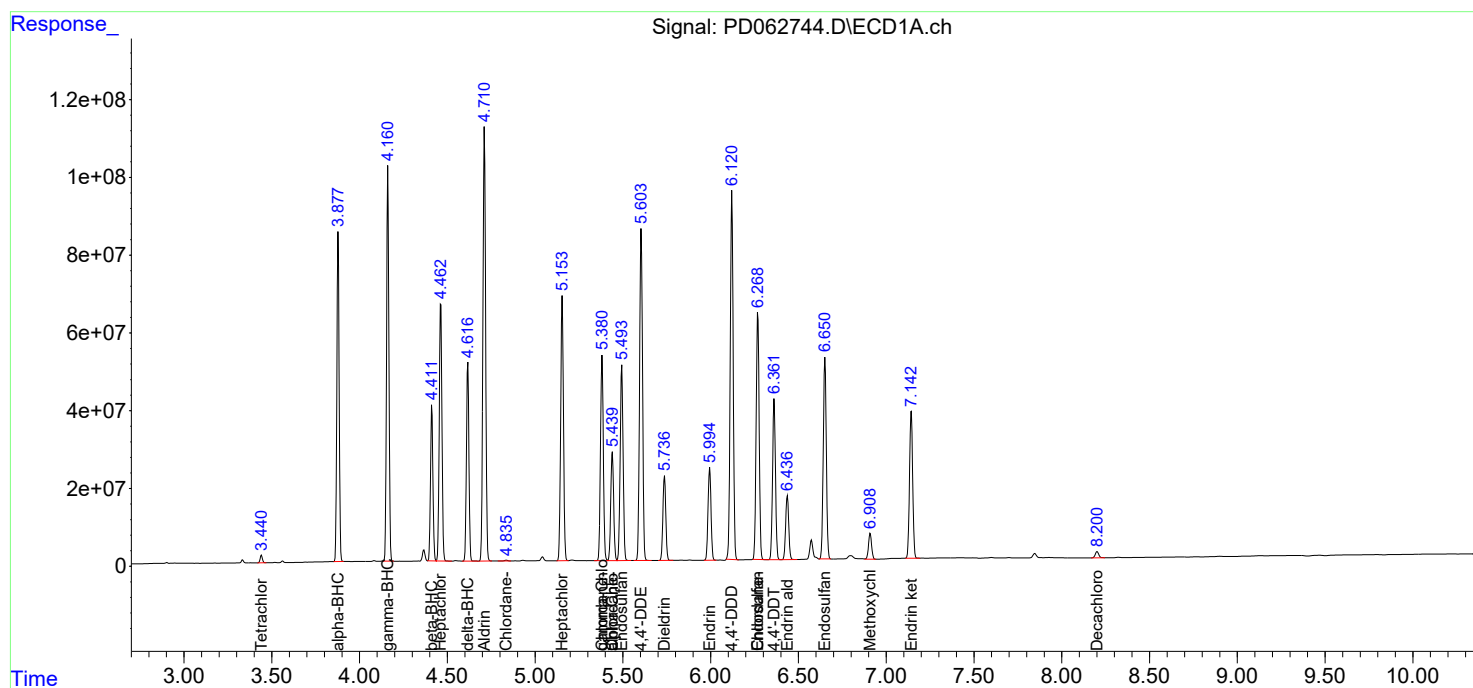
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

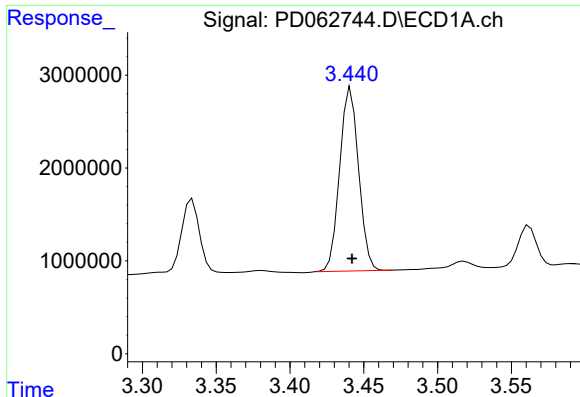
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050621\
Data File : PD062744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2021 21:43
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PT-PEST-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 08:53:03 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
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Volume Inj. : 2 µl
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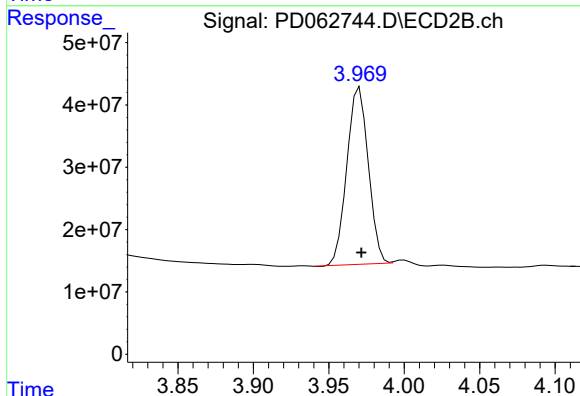




#1 Tetrachloro-m-xylene

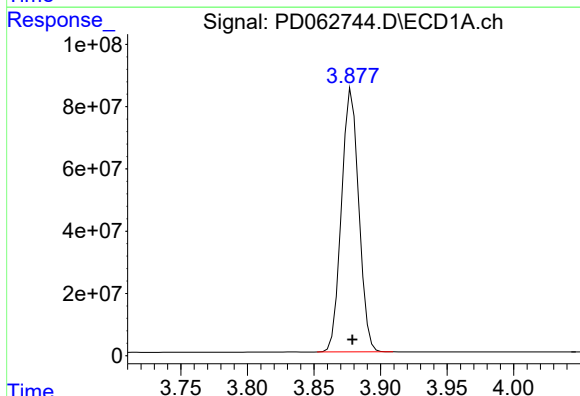
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 17675058
Conc: 19.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



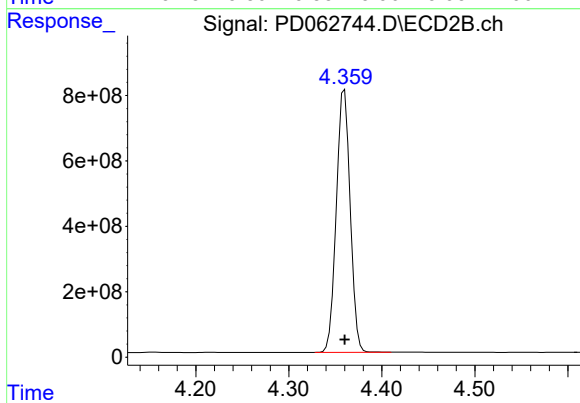
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: -0.001 min
Response: 281362445
Conc: 24.30 ng/ml



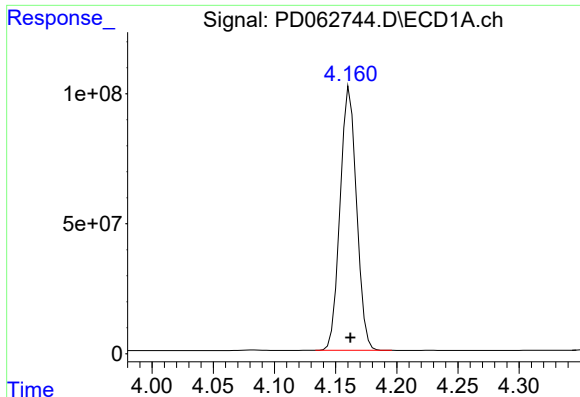
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 765255702
Conc: 550.30 ng/ml



#2 alpha-BHC

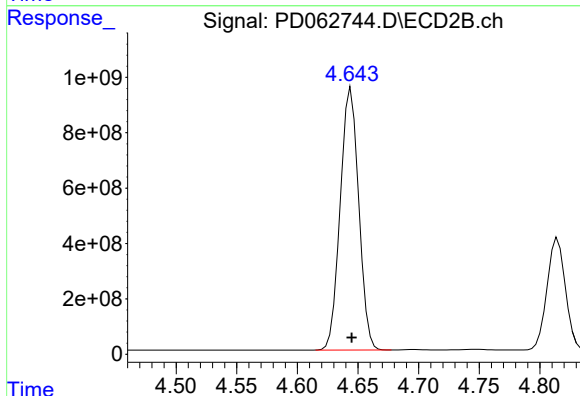
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 8338770889
Conc: 433.14 ng/ml



#3 gamma-BHC (Lindane)

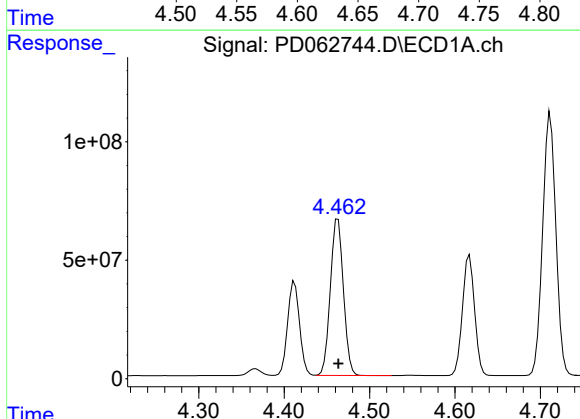
R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 948999728
Conc: 726.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



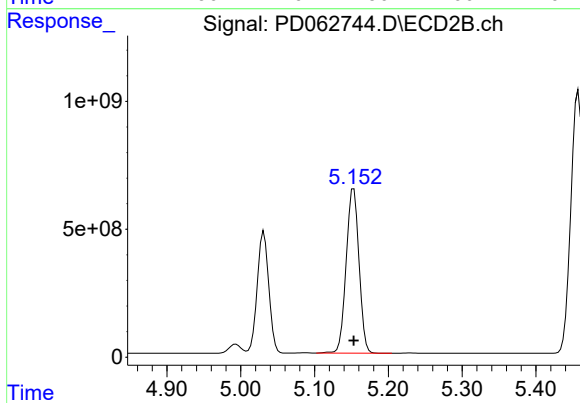
#3 gamma-BHC (Lindane)

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 10051085223
Conc: 581.52 ng/ml



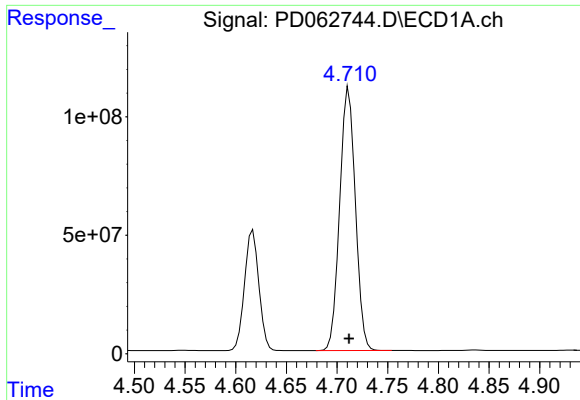
#4 Heptachlor

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 704550391
Conc: 554.96 ng/ml



#4 Heptachlor

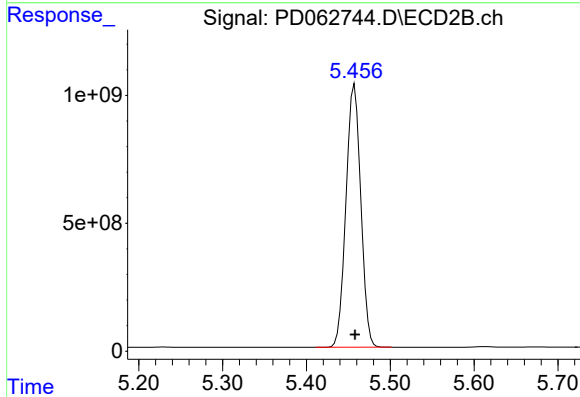
R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 7777938204
Conc: 443.14 ng/ml



#5 Aldrin

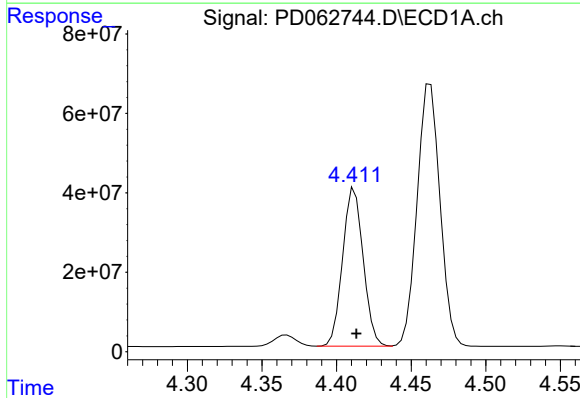
R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 1194256326
Conc: 991.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



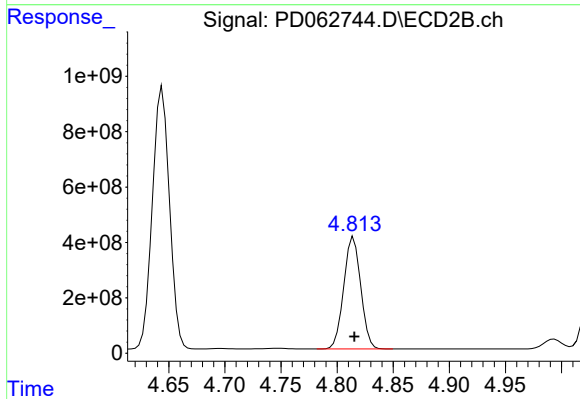
#5 Aldrin

R.T.: 5.457 min
Delta R.T.: 0.000 min
Response: 12655747104
Conc: 756.72 ng/ml



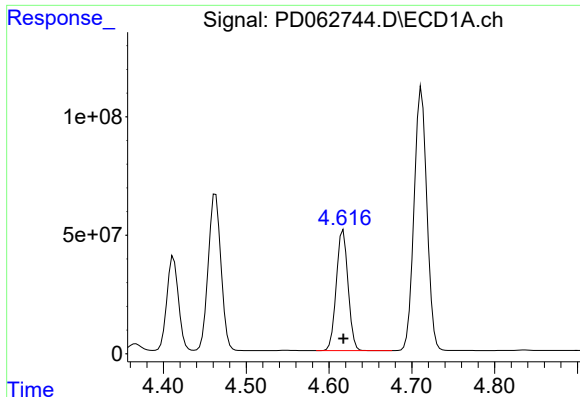
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.001 min
Response: 383237042
Conc: 639.67 ng/ml



#6 beta-BHC

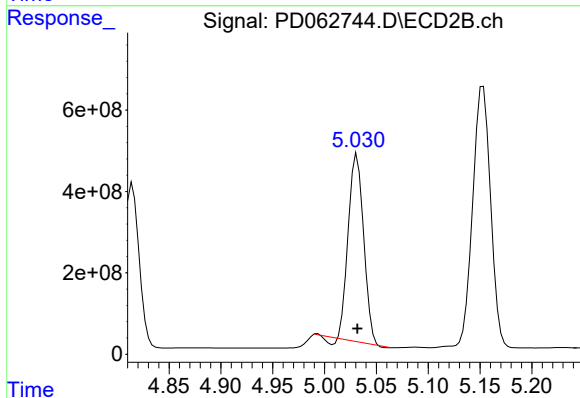
R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 4269085146
Conc: 559.79 ng/ml



#7 delta-BHC

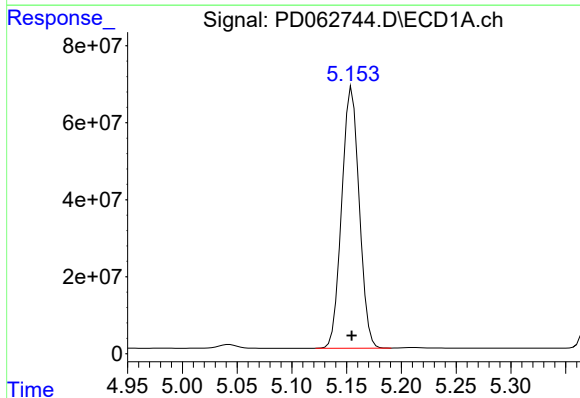
R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 500837625
Conc: 371.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



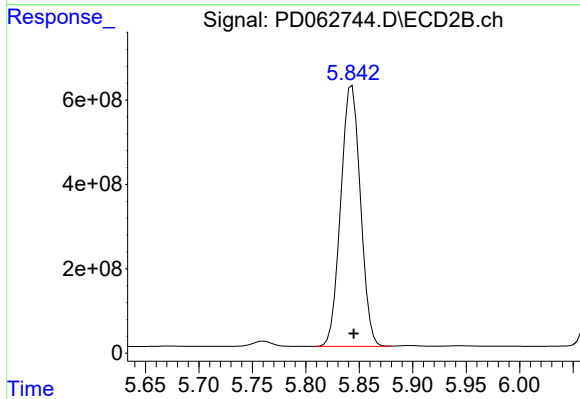
#7 delta-BHC

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 469915777
Conc: 260.33 ng/ml



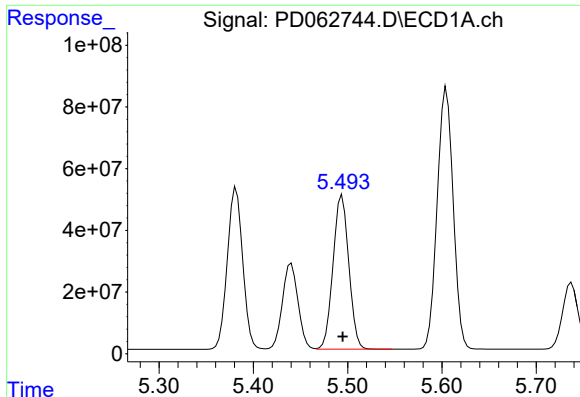
#8 Heptachlor epoxide

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 753468178
Conc: 651.18 ng/ml



#8 Heptachlor epoxide

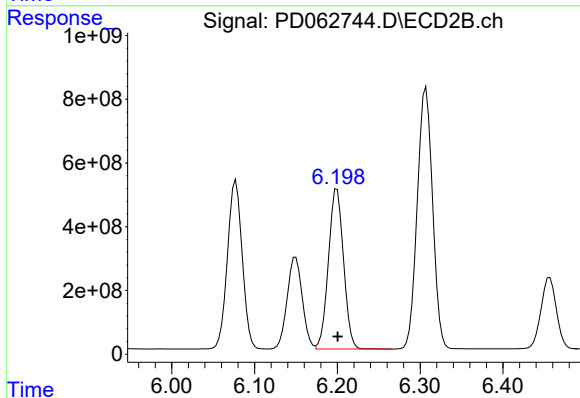
R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 7930500536
Conc: 496.45 ng/ml



#9 Endosulfan I

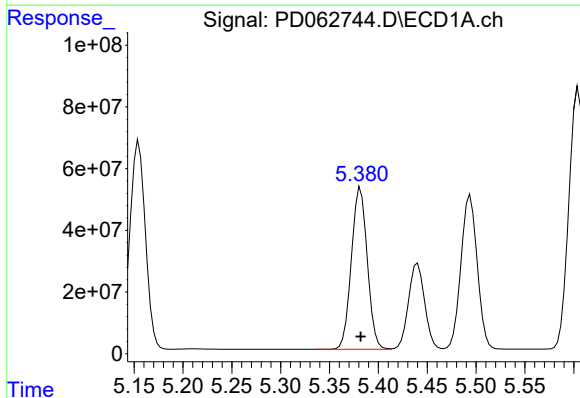
R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 579658720
Conc: 529.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



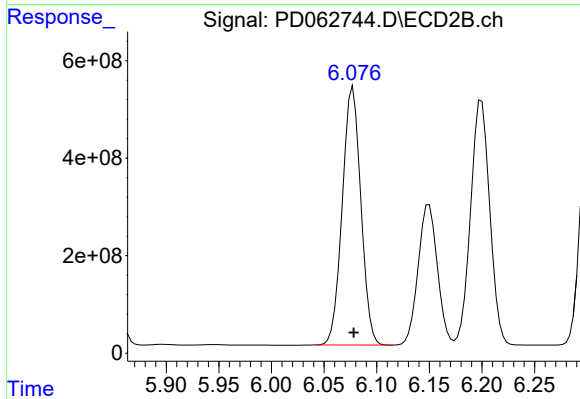
#9 Endosulfan I

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 6356965100
Conc: 430.68 ng/ml



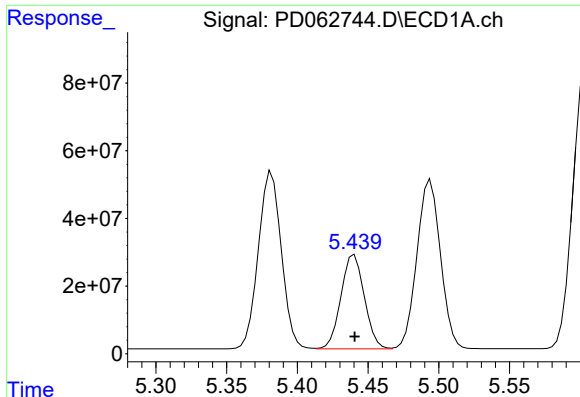
#10 gamma-Chlordane

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 593125297
Conc: 503.92 ng/ml



#10 gamma-Chlordane

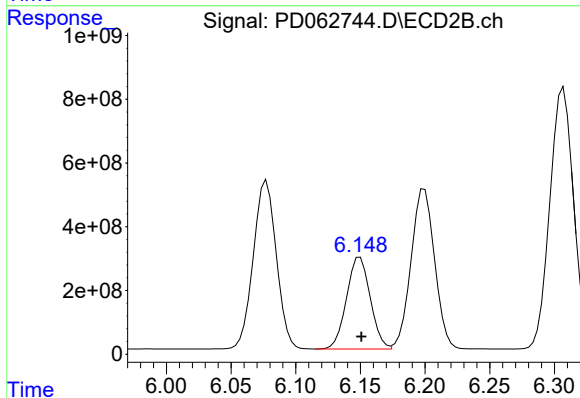
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 6532464542
Conc: 410.56 ng/ml



#11 alpha-Chlordane

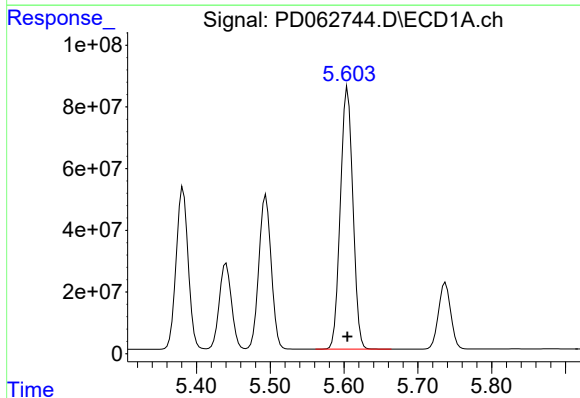
R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 320157925
Conc: 276.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



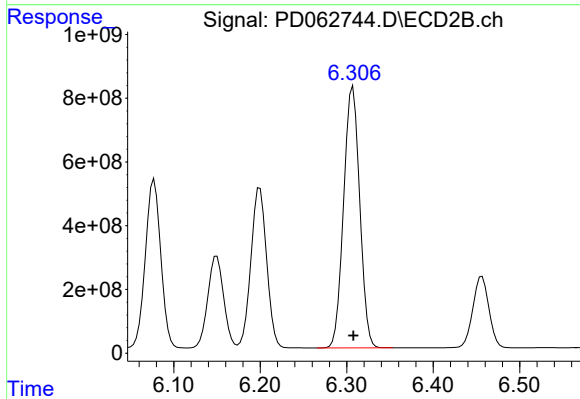
#11 alpha-Chlordane

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 3665525952
Conc: 240.11 ng/ml



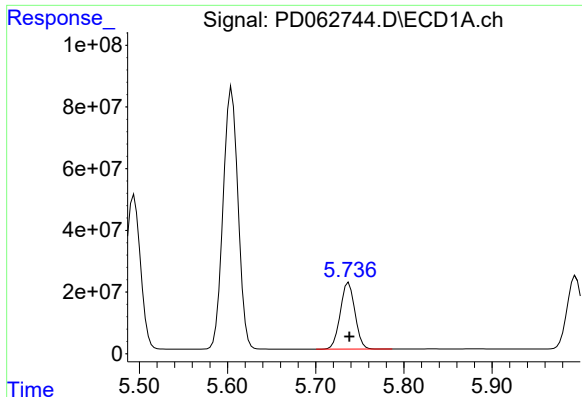
#12 4,4'-DDE

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 999326938
Conc: 869.05 ng/ml



#12 4,4'-DDE

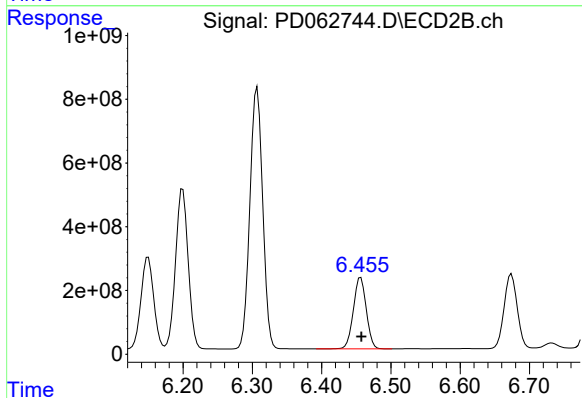
R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 10534532201
Conc: 665.14 ng/ml



#13 Dieldrin

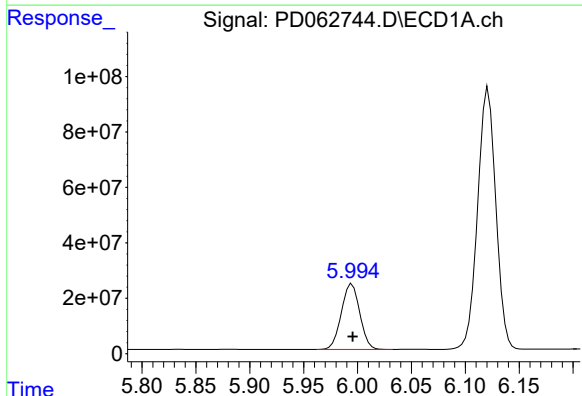
R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 248324077
Conc: 206.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



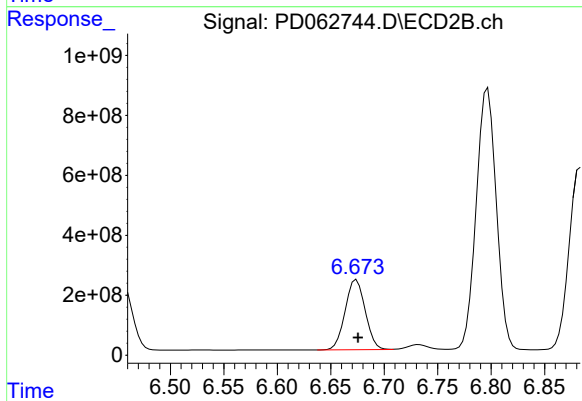
#13 Dieldrin

R.T.: 6.457 min
Delta R.T.: -0.001 min
Response: 2896429767
Conc: 179.26 ng/ml



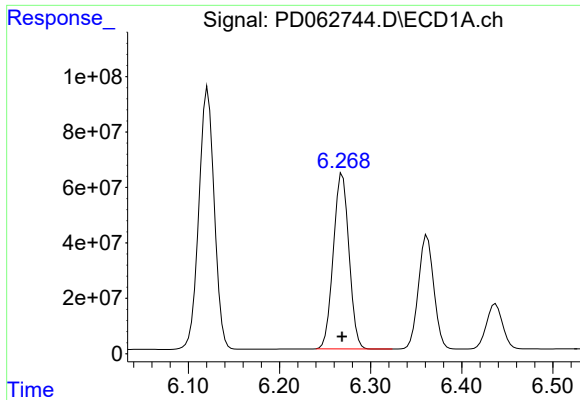
#14 Endrin

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 281350745
Conc: 253.15 ng/ml



#14 Endrin

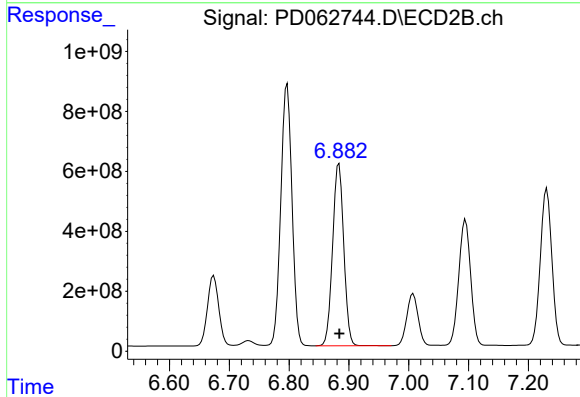
R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 3047305862
Conc: 216.74 ng/ml



#15 Endosulfan II

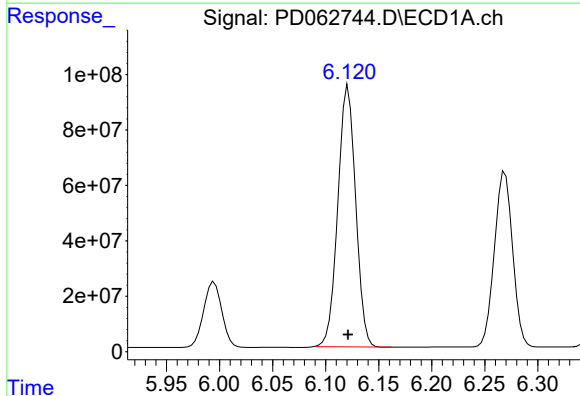
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 754829015
Conc: 724.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



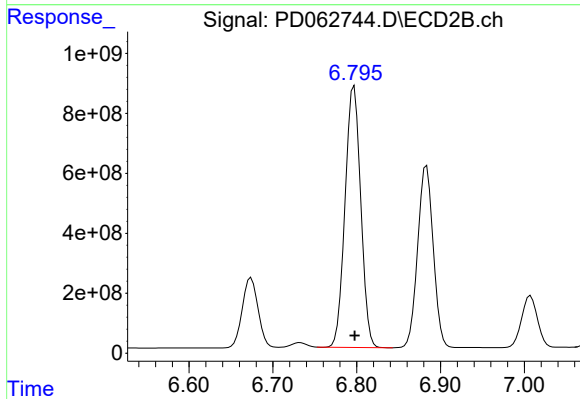
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: -0.001 min
Response: 7867294534
Conc: 588.91 ng/ml



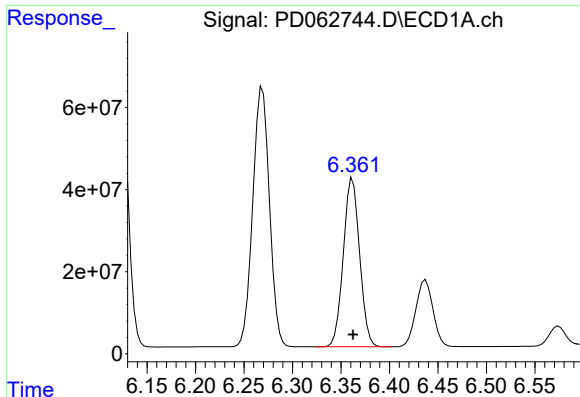
#16 4,4'-DDD

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 1100605940
Conc: 1155.82 ng/ml



#16 4,4'-DDD

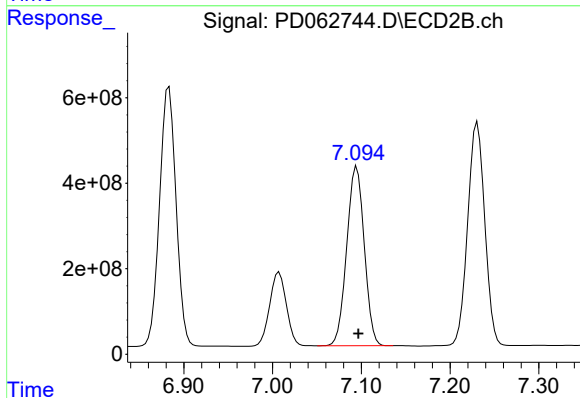
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 11351124447
Conc: 878.46 ng/ml



#17 4,4'-DDT

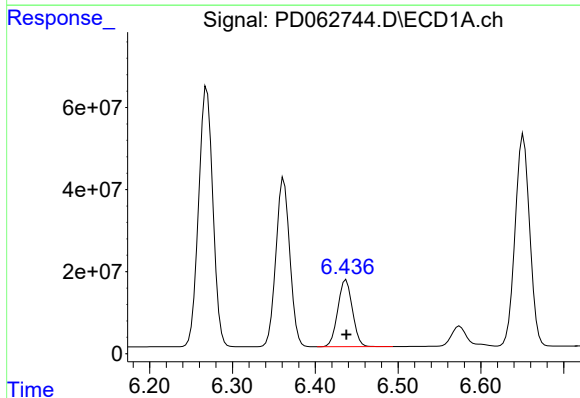
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 479877728
Conc: 499.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



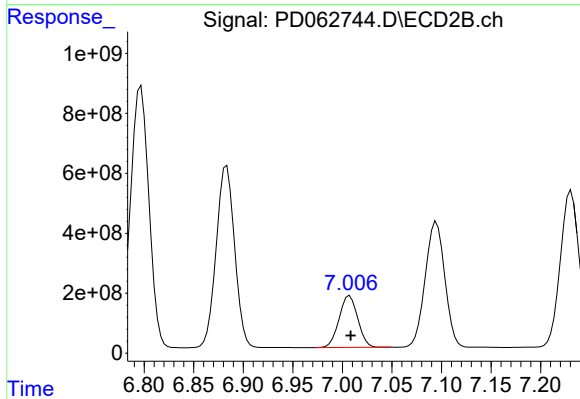
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 5748935244
Conc: 451.31 ng/ml



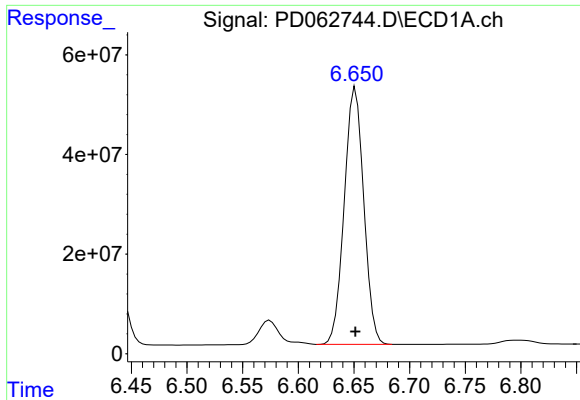
#18 Endrin aldehyde

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 200044032
Conc: 214.44 ng/ml



#18 Endrin aldehyde

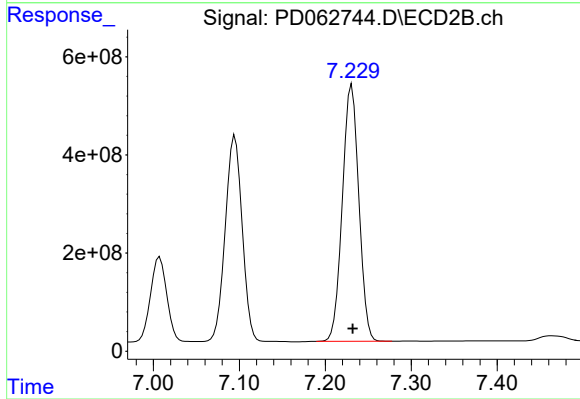
R.T.: 7.007 min
Delta R.T.: -0.001 min
Response: 2261732190
Conc: 193.85 ng/ml



#19 Endosulfan Sulfate

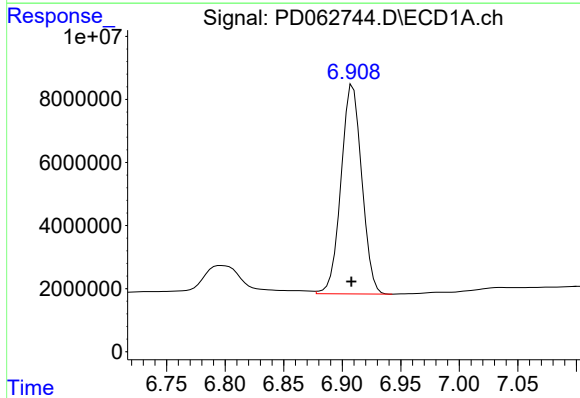
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 628764580
Conc: 600.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



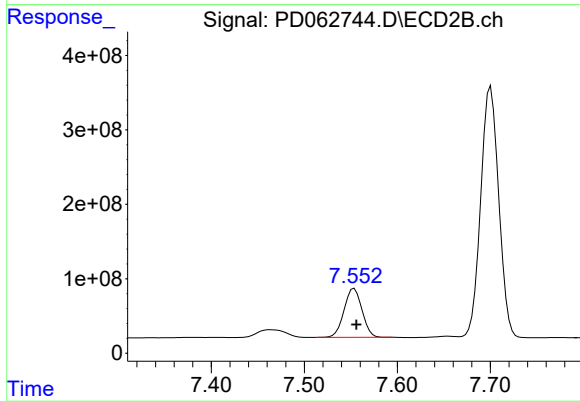
#19 Endosulfan Sulfate

R.T.: 7.231 min
Delta R.T.: -0.001 min
Response: 6980878178
Conc: 501.94 ng/ml



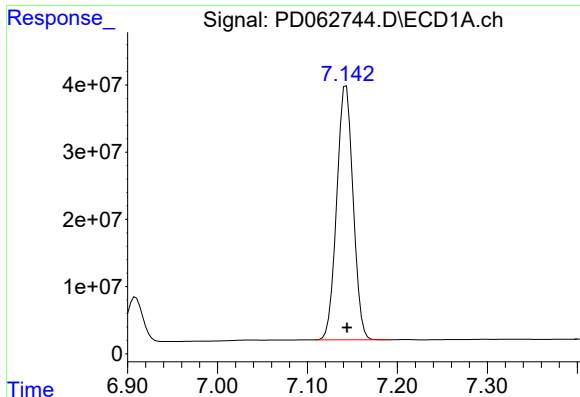
#20 Methoxychlor

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 81962962
Conc: 139.23 ng/ml



#20 Methoxychlor

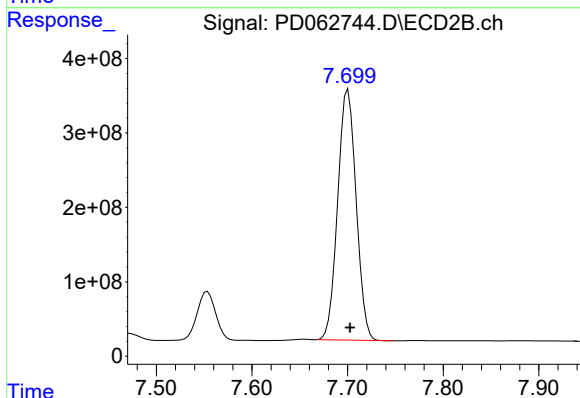
R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 880027016
Conc: 131.84 ng/ml



#21 Endrin ketone

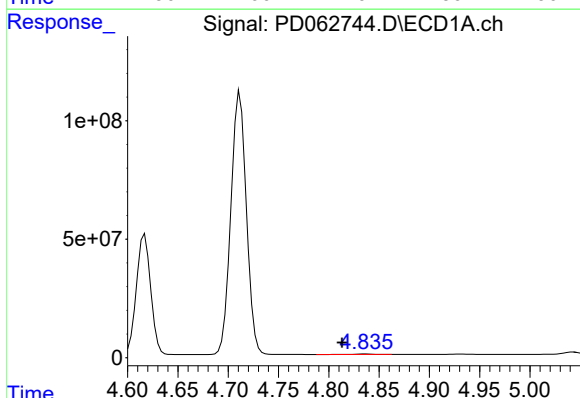
R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 478096822
Conc: 383.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



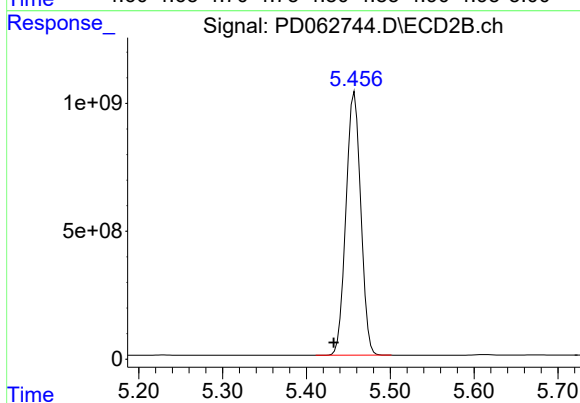
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.002 min
Response: 4521219953
Conc: 333.16 ng/ml



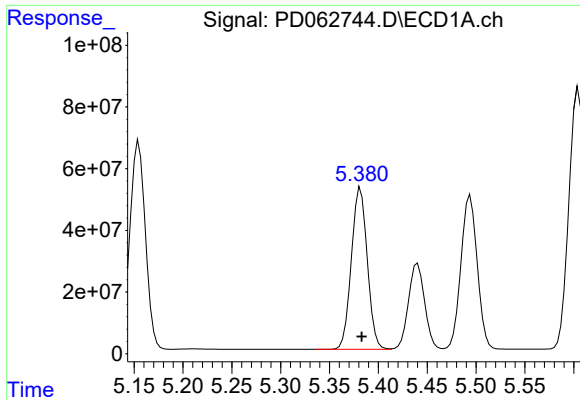
#24 Chlordane-2

R.T.: 4.836 min
Delta R.T.: 0.023 min
Response: 2413085
Conc: 59.25 ng/ml



#24 Chlordane-2

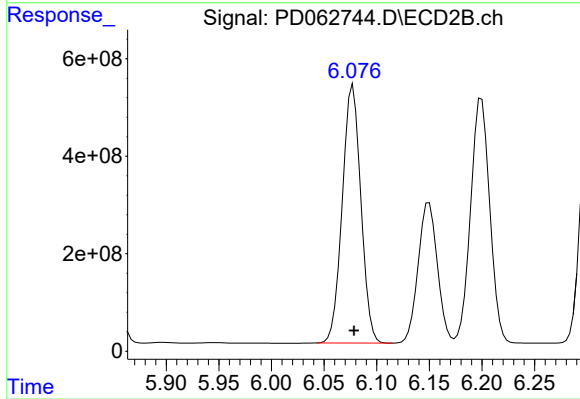
R.T.: 5.457 min
Delta R.T.: 0.025 min
Response: 12655747104
Conc: 23705.70 ng/ml



#25 Chlordane-3

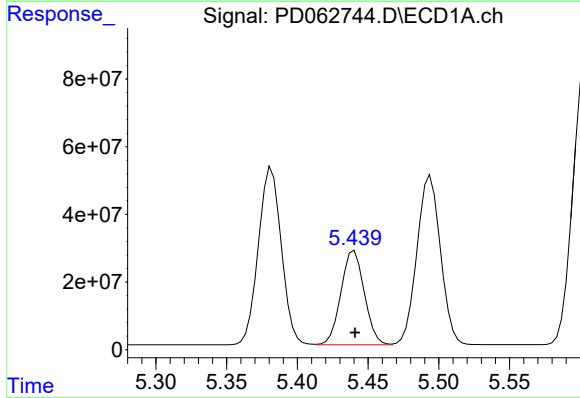
R.T.: 5.382 min
Delta R.T.: -0.001 min
Response: 593125297
Conc: 5005.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



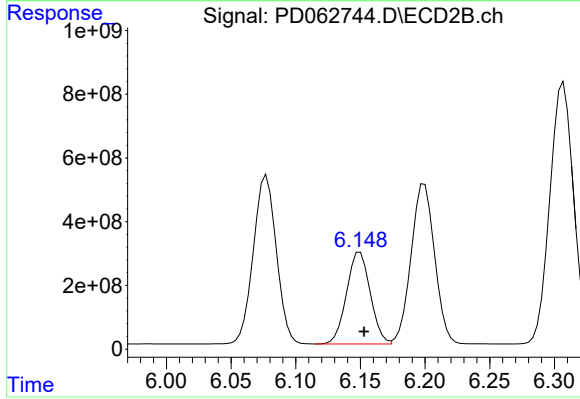
#25 Chlordane-3

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 6532464542
Conc: 2922.92 ng/ml



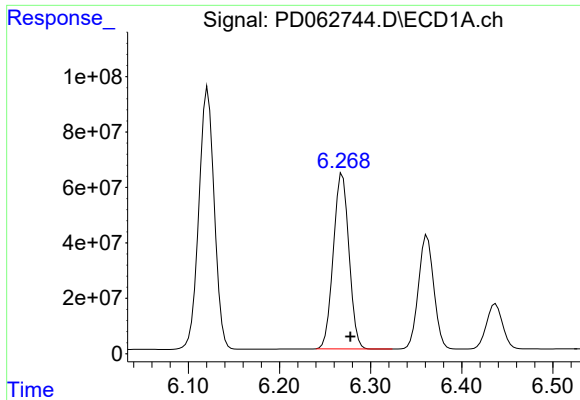
#26 Chlordane-4

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 320157925
Conc: 3301.45 ng/ml



#26 Chlordane-4

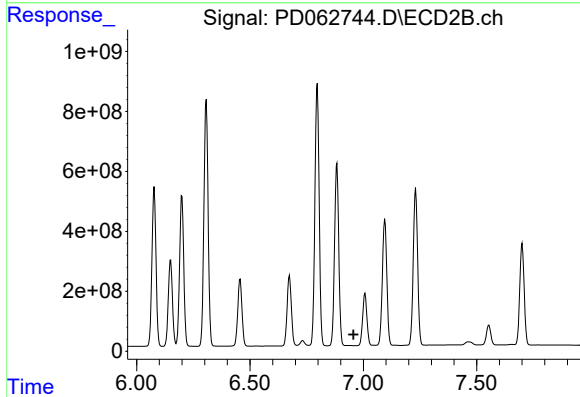
R.T.: 6.150 min
Delta R.T.: -0.003 min
Response: 3665525952
Conc: 1421.14 ng/ml



#27 Chlordane-5

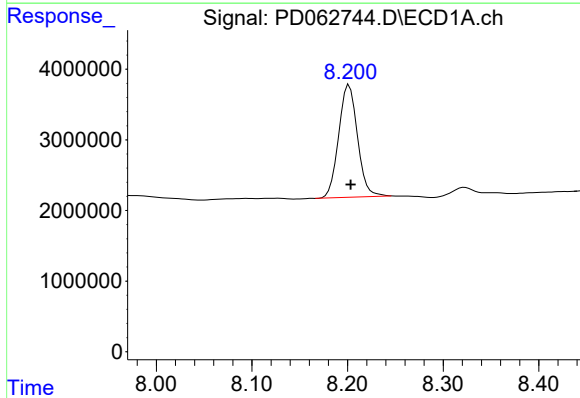
R.T.: 6.269 min
Delta R.T.: -0.009 min
Response: 754829015
Conc: 17315.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



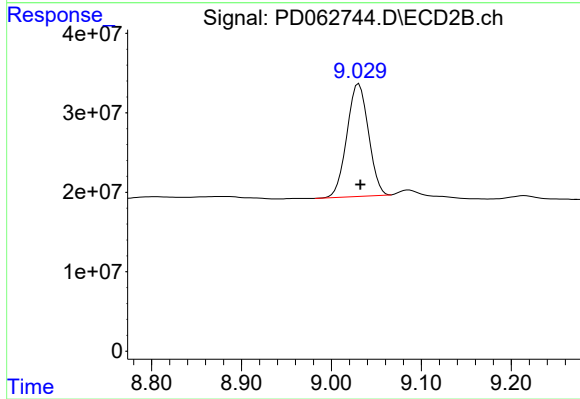
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.957 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.202 min
Delta R.T.: -0.002 min
Response: 21903653
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.031 min
Delta R.T.: -0.002 min
Response: 236010918
Conc: 20.45 ng/ml