

Data Path : P:\HPCHEM1\ECD_D\Data\PD050518\
 Data File : PD047459.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 May 2018 00:56
 Operator : UA/AJ
 Sample : J2604-20DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 04:09:33 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
 Quant Title : GC Extractables
 QLast Update : Fri May 04 23:48:56 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 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...	3.428	4.039	4499643	99698358	3.960	5.357 #
28)	SA Decachlor...	8.147	9.118	5490263	86960614	4.277	4.345
Target Compounds							
2)	A alpha-BHC	3.865	4.426	337.1E6	4511.5E6	173.635	146.394
3)	MA gamma-BHC...	4.145	4.711	238.6E6	3265.6E6	135.665	120.443
4)	MA Heptachlor	4.437	5.229	277.0E6	3760.4E6	160.662	134.349
5)	MB Aldrin	4.681	5.536	334.8E6	4435.2E6	200.391	167.116
6)	B beta-BHC	4.392	4.870	178.2E6	2498.9E6	242.435	205.417
7)	B delta-BHC	4.594	5.089	299.8E6	4263.5E6	165.683	146.947
8)	B Heptachlo...	5.122	5.918	139.4E6	1985.0E6	89.575	80.078
9)	A Endosulfan I	5.458	6.275	149.1E6	2116.1E6	104.788	94.018
10)	B gamma-Chl...	5.345	6.152	370.6E6	4968.4E6	236.883	196.015
11)	B alpha-Chl...	5.404	6.226	422.8E6	5569.7E6	278.309	227.242
12)	B 4,4'-DDE	5.570	6.378	229.5E6	3123.0E6	147.557	128.580
13)	MA Dieldrin	5.699	6.530	285.1E6	3655.1E6	174.372	148.557
14)	MA Endrin	5.956	6.747	126.3E6	1591.7E6	83.860	77.040
15)	B Endosulfa...	6.228	6.949	72824784	1036.9E6	50.123	48.955
16)	A 4,4'-DDD	6.083	6.862	155.4E6	2107.5E6	118.952	105.844
17)	MA 4,4'-DDT	6.321	7.163	118.0E6	1583.9E6	86.715	80.605
18)	B Endrin al...	6.397	7.071	36784618	561.7E6	31.673	31.500
19)	B Endosulfa...	6.608	7.294	31522595	614.3E6	24.441	29.444
20)	A Methoxychlor	6.871	7.616	13159989	180.4E6	17.618	17.741
21)	B Endrin ke...	7.099	7.764	194.8E6	2232.5E6	118.167	107.859
23)	Chlordane-1	4.344	5.089	15056648	4263.5E6	262.506	4115.396 #
24)	Chlordane-2	0.000	5.536	0	4435.2E6	N.D.	4302.448 #
25)	Chlordane-3	5.345	6.152	370.6E6	4968.4E6	2184.699	1469.376 #
26)	Chlordane-4	5.404	6.226	422.8E6	5569.7E6	2788.826	1432.617 #
27)	Chlordane-5	6.228	7.071	72824784	561.7E6	1241.501	671.475 #

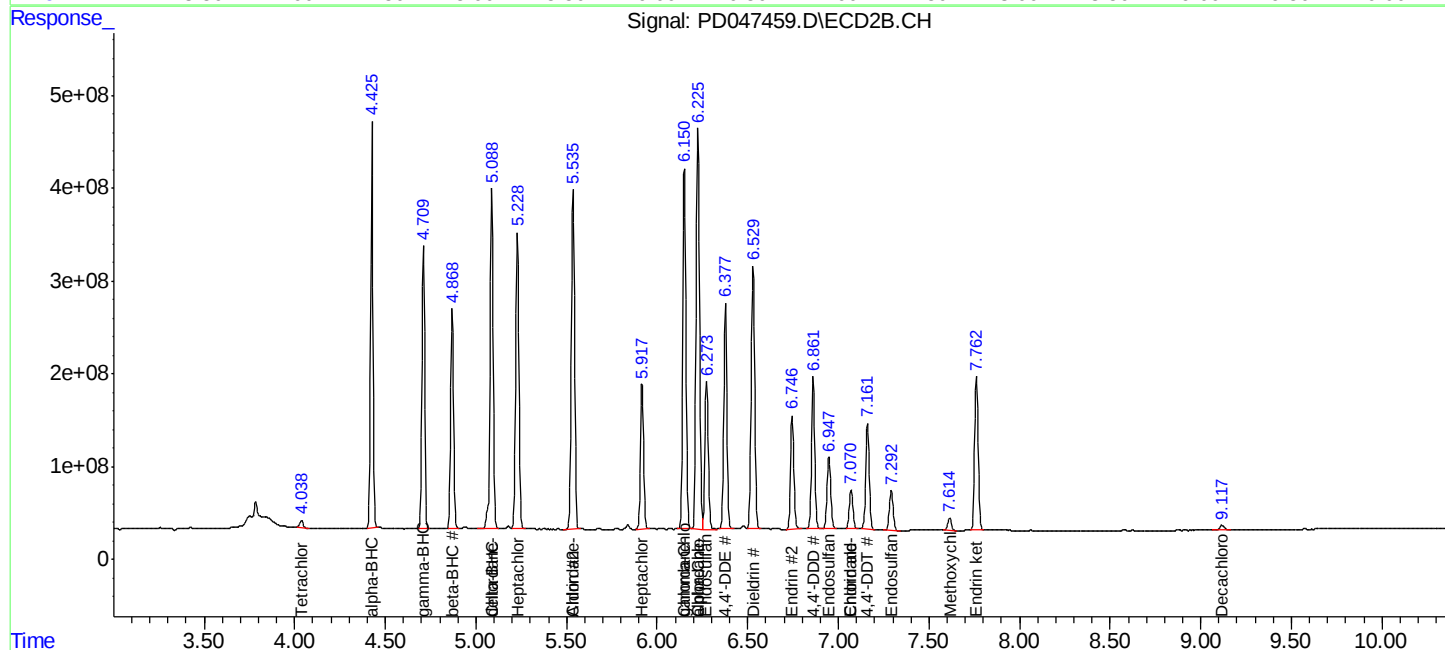
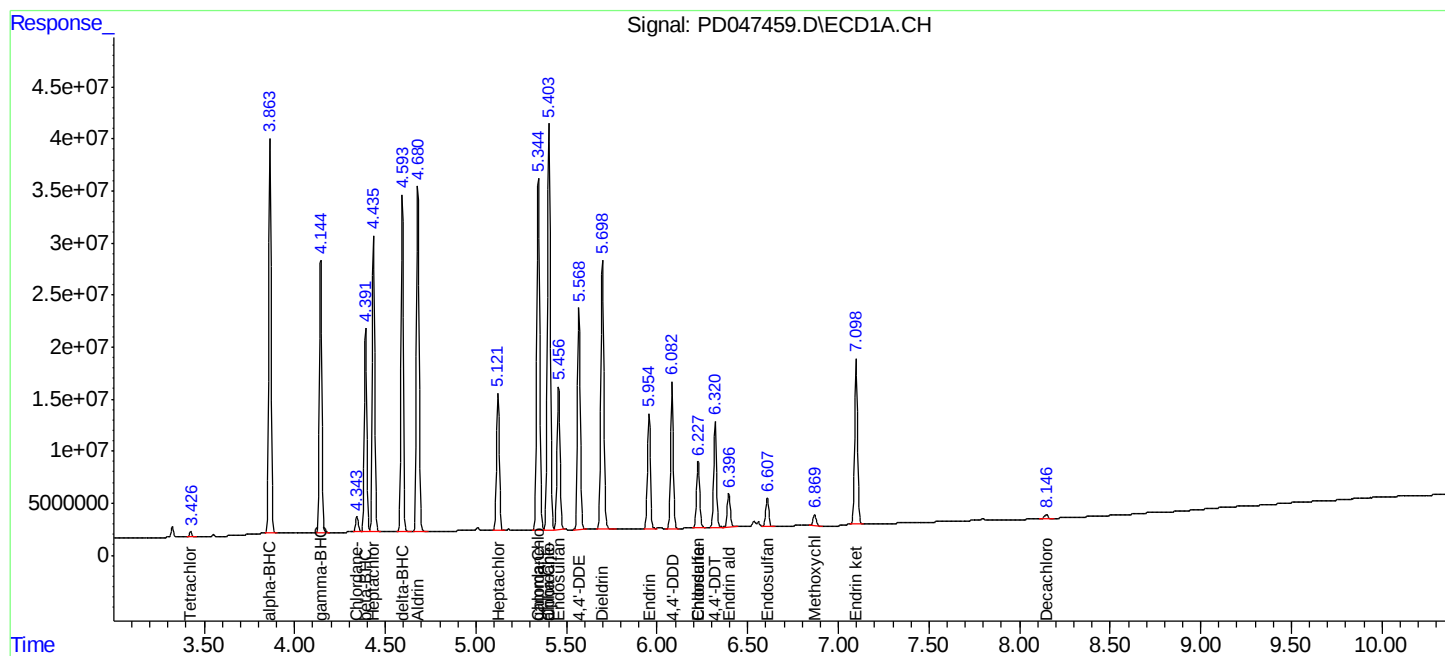
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

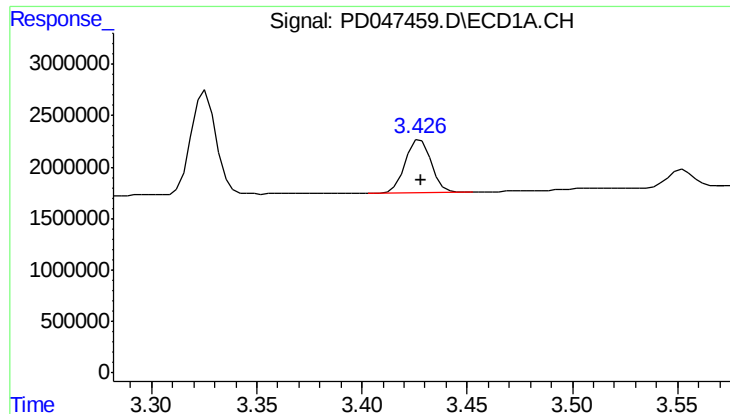
Data Path : P:\HPCHEM1\ECD_D\Data\PD050518\
Data File : PD047459.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 May 2018 00:56
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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Integration File signal 1: autoint1.e
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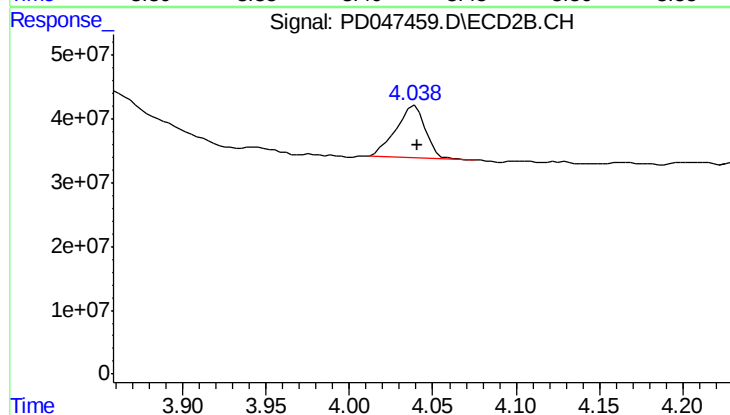




#1 Tetrachloro-m-xylene

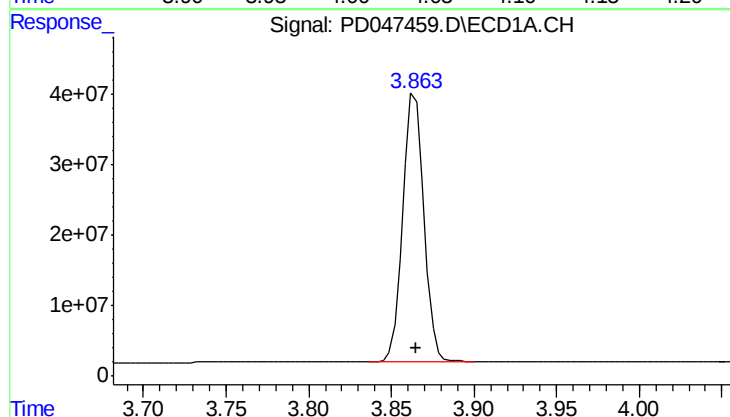
R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 4499643
Conc: 3.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



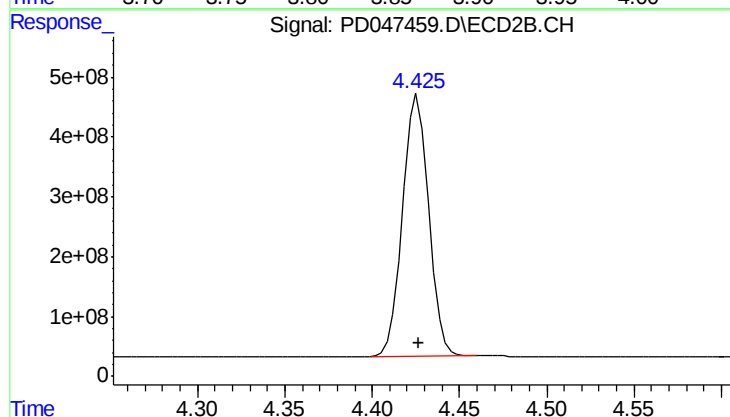
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 99698358
Conc: 5.36 ng/ml



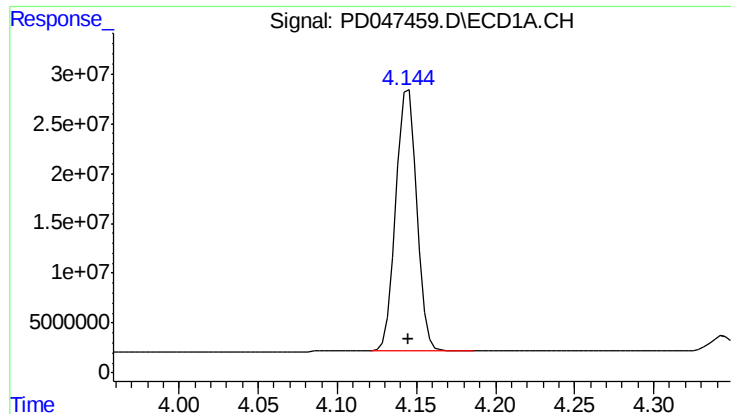
#2 alpha-BHC

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 337085159
Conc: 173.64 ng/ml



#2 alpha-BHC

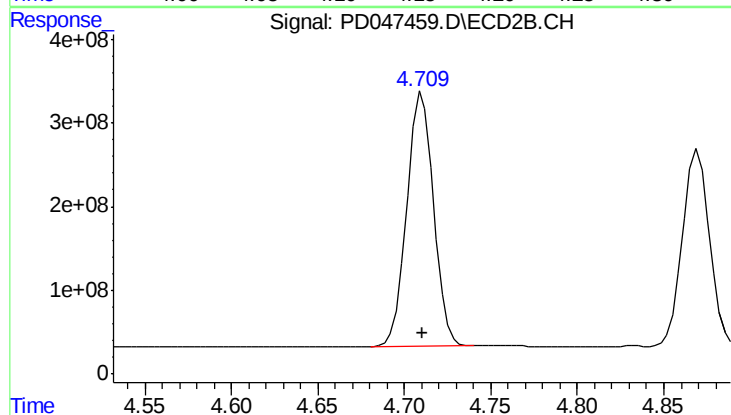
R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 4511514550
Conc: 146.39 ng/ml



#3 gamma-BHC (Lindane)

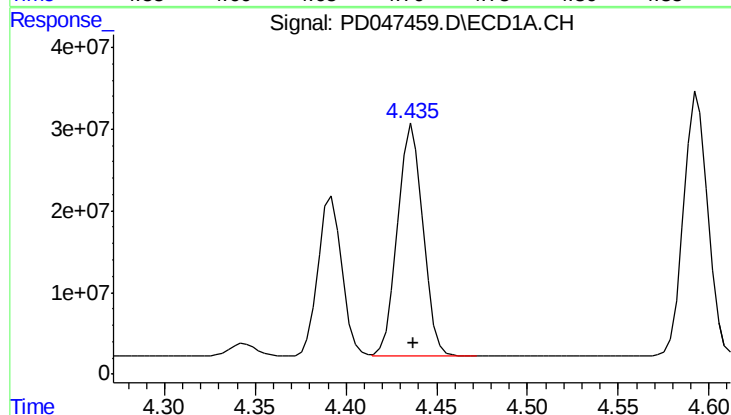
R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 238597328
Conc: 135.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



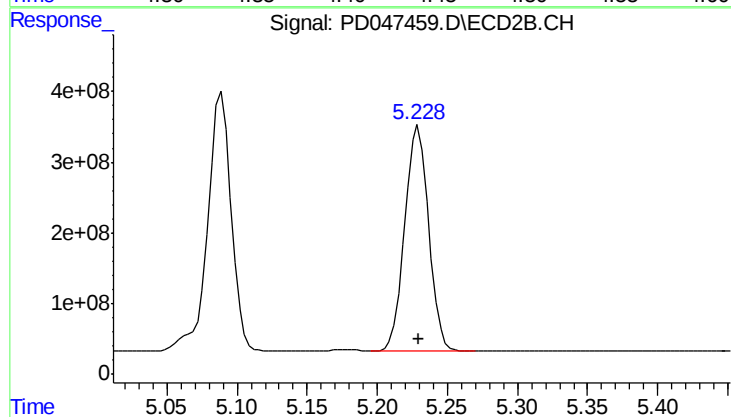
#3 gamma-BHC (Lindane)

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 3265557648
Conc: 120.44 ng/ml



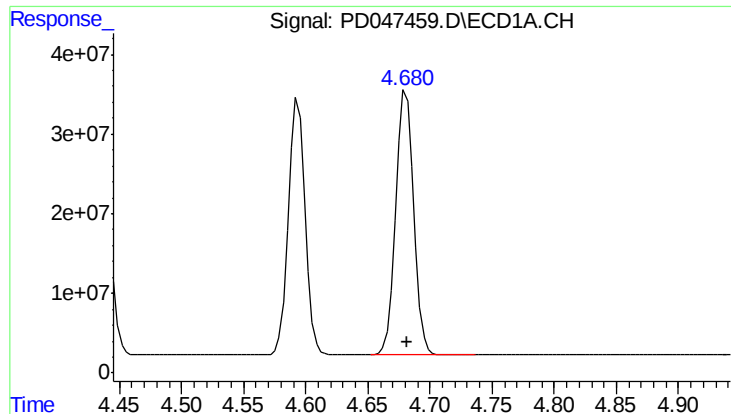
#4 Heptachlor

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 276971038
Conc: 160.66 ng/ml



#4 Heptachlor

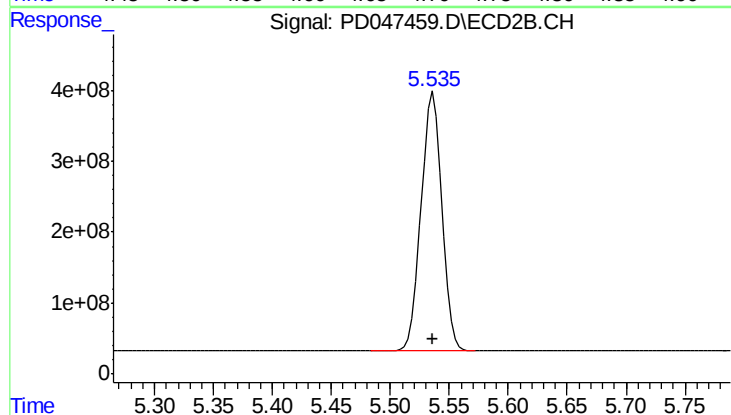
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 3760361465
Conc: 134.35 ng/ml



#5 Aldrin

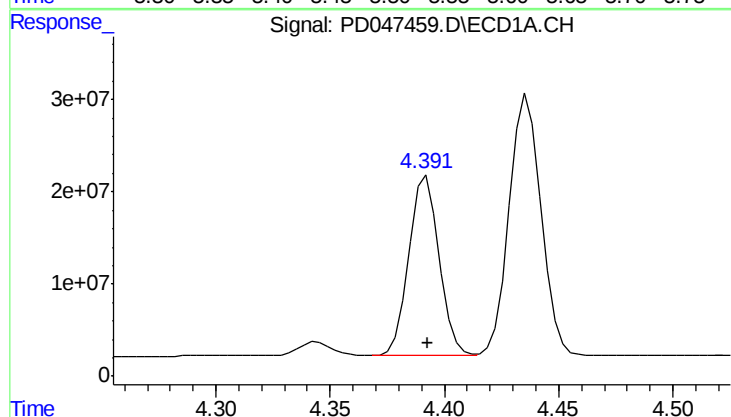
R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 334818663
Conc: 200.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



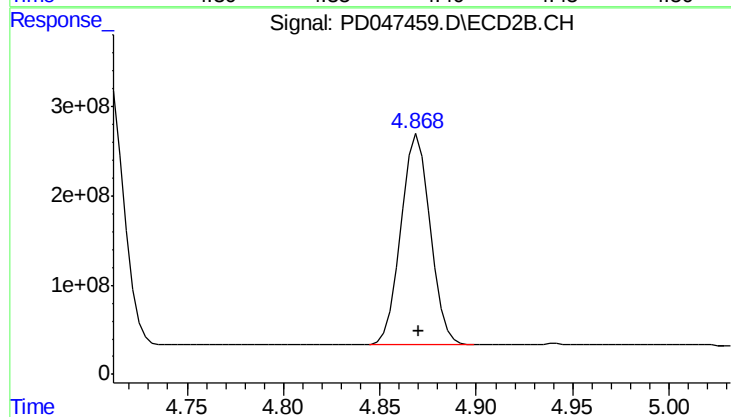
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 4435228736
Conc: 167.12 ng/ml



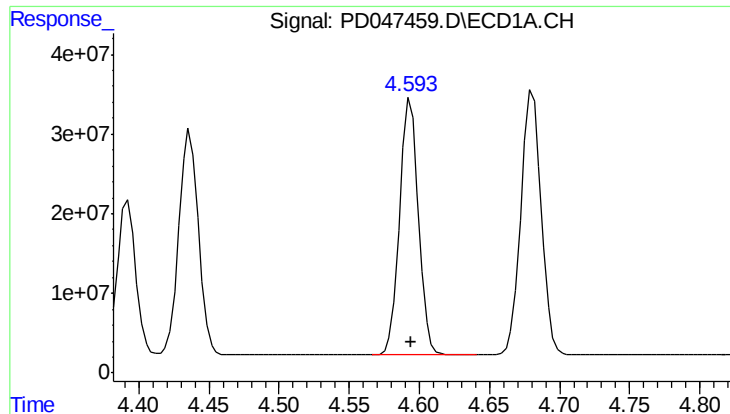
#6 beta-BHC

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 178193239
Conc: 242.43 ng/ml



#6 beta-BHC

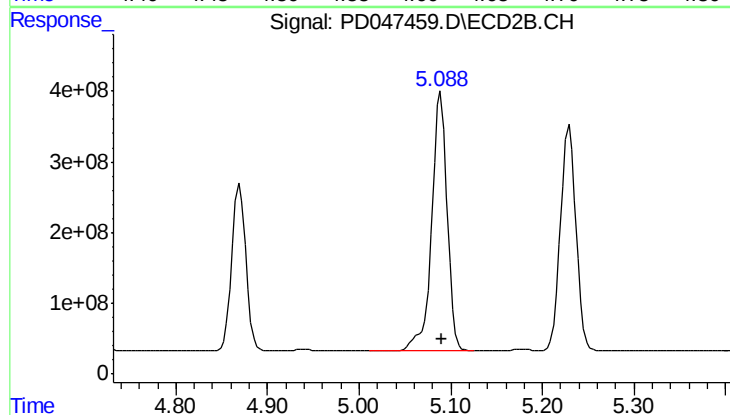
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 2498926428
Conc: 205.42 ng/ml



#7 delta-BHC

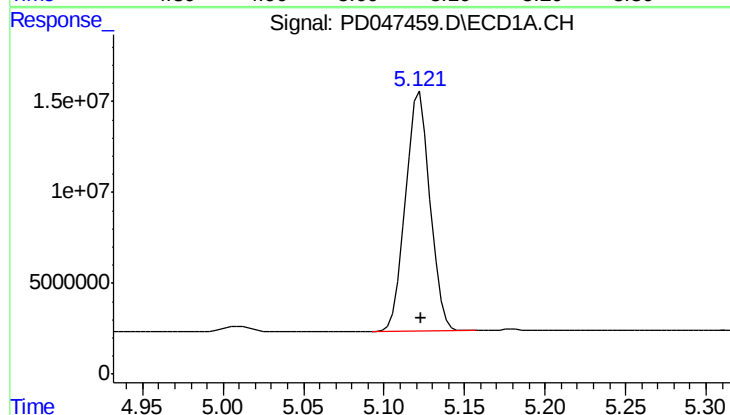
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 299814227
Conc: 165.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



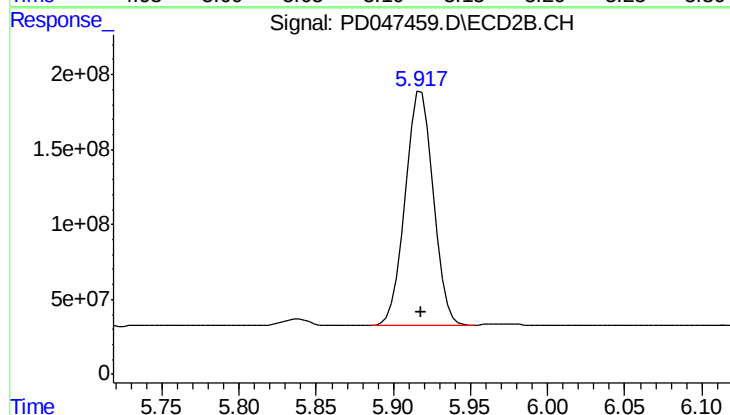
#7 delta-BHC

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 4263520066
Conc: 146.95 ng/ml



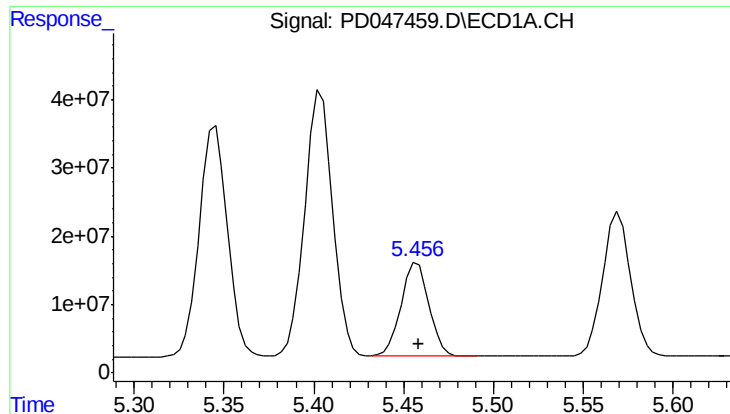
#8 Heptachlor epoxide

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 139384077
Conc: 89.57 ng/ml



#8 Heptachlor epoxide

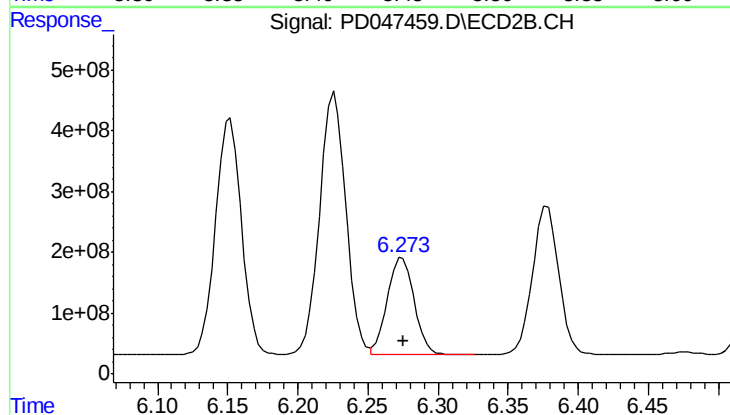
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 1985019325
Conc: 80.08 ng/ml



#9 Endosulfan I

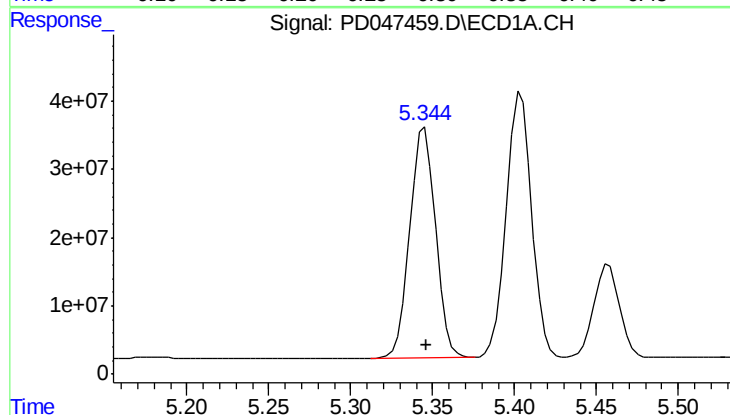
R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 149070701
Conc: 104.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD



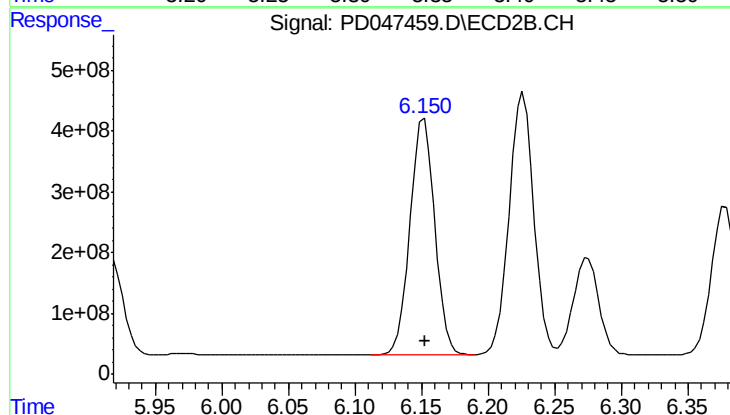
#9 Endosulfan I

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 2116058551
Conc: 94.02 ng/ml



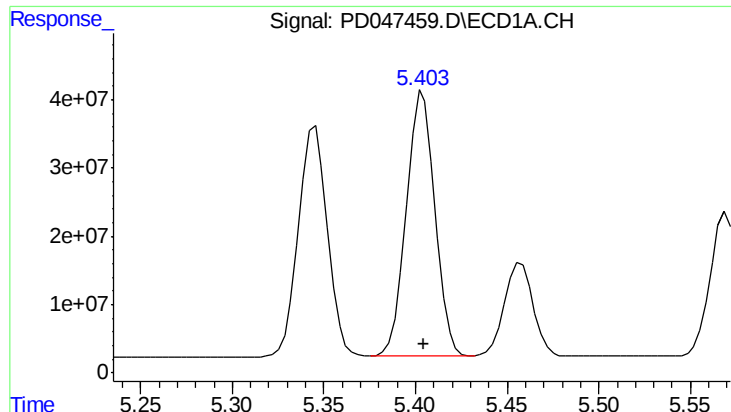
#10 gamma-Chlordane

R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 370614261
Conc: 236.88 ng/ml



#10 gamma-Chlordane

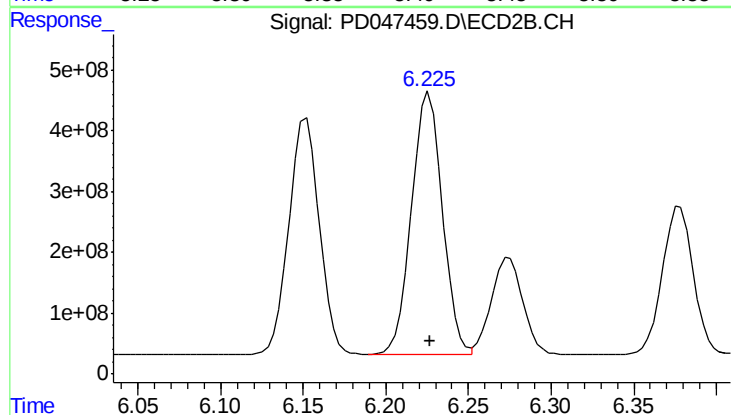
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 4968408356
Conc: 196.01 ng/ml



#11 alpha-Chlordane

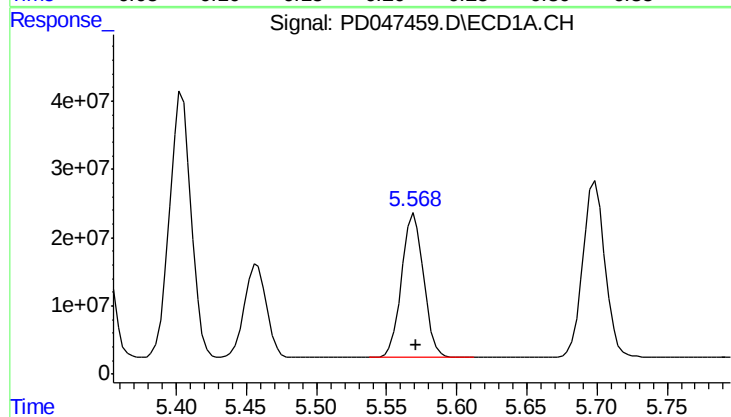
R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 422791287
Conc: 278.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



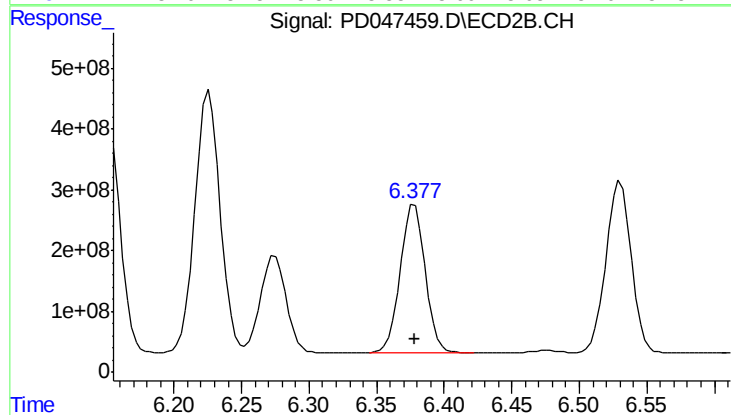
#11 alpha-Chlordane

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 5569713490
Conc: 227.24 ng/ml



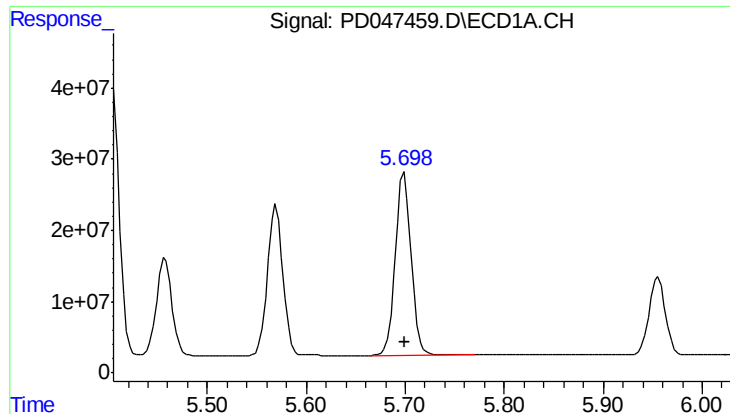
#12 4,4'-DDE

R.T.: 5.570 min
Delta R.T.: -0.001 min
Response: 229488864
Conc: 147.56 ng/ml



#12 4,4'-DDE

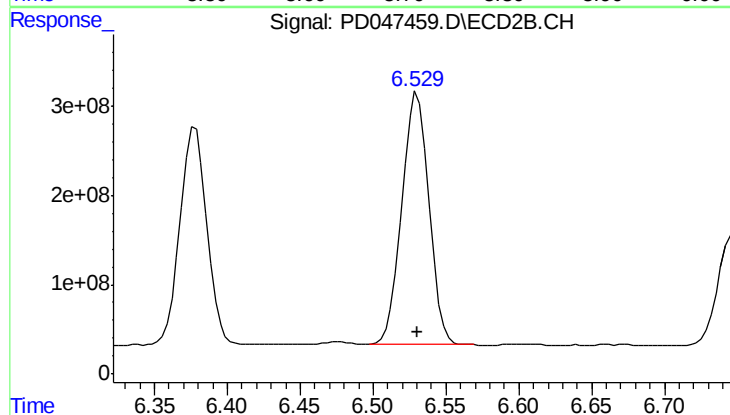
R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 3122996634
Conc: 128.58 ng/ml



#13 Diieldrin

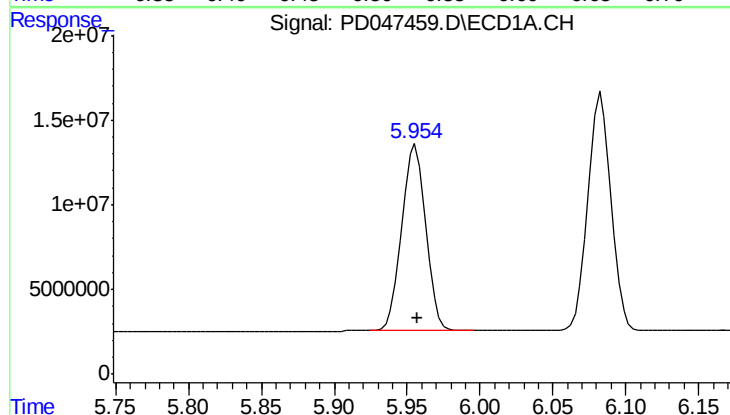
R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 285129555
Conc: 174.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



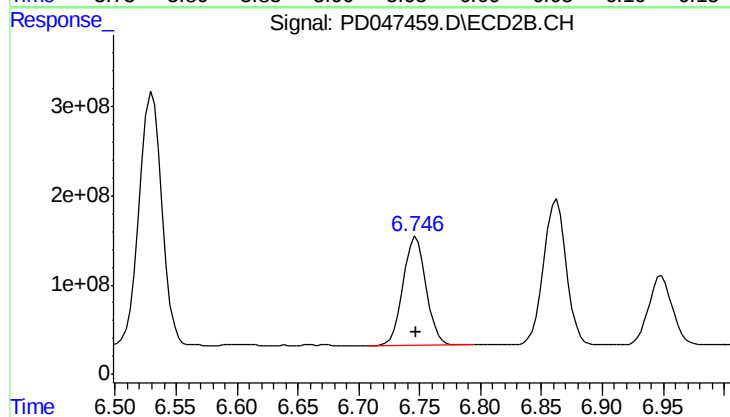
#13 Diieldrin

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 3655144067
Conc: 148.56 ng/ml



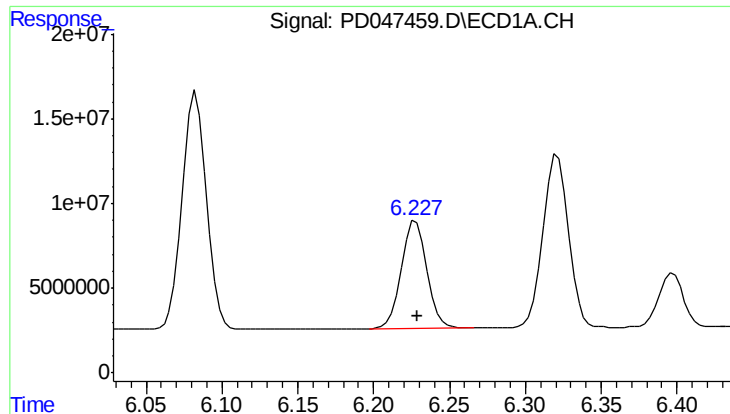
#14 Endrin

R.T.: 5.956 min
Delta R.T.: -0.001 min
Response: 126285720
Conc: 83.86 ng/ml



#14 Endrin

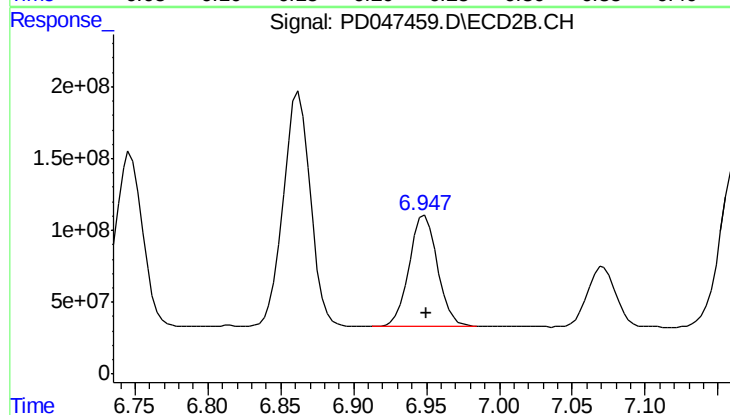
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 1591682068
Conc: 77.04 ng/ml



#15 Endosulfan II

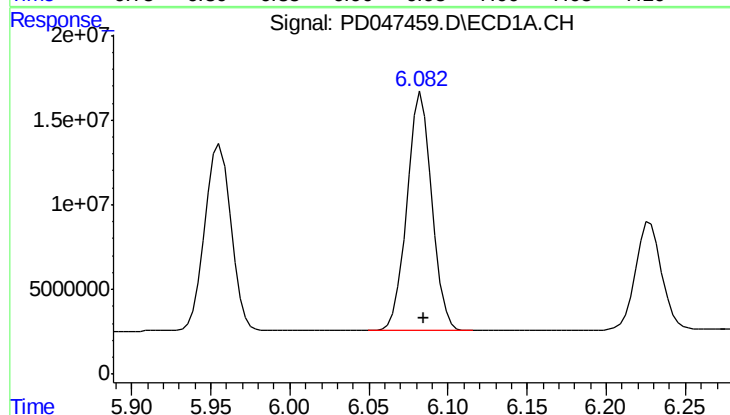
R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 72824784
Conc: 50.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



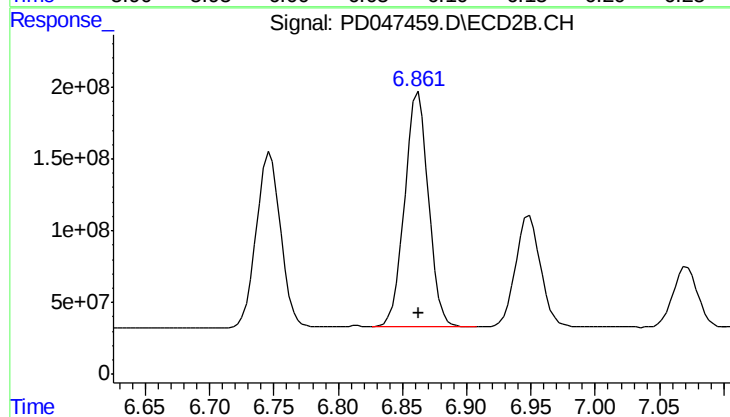
#15 Endosulfan II

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 1036941208
Conc: 48.95 ng/ml



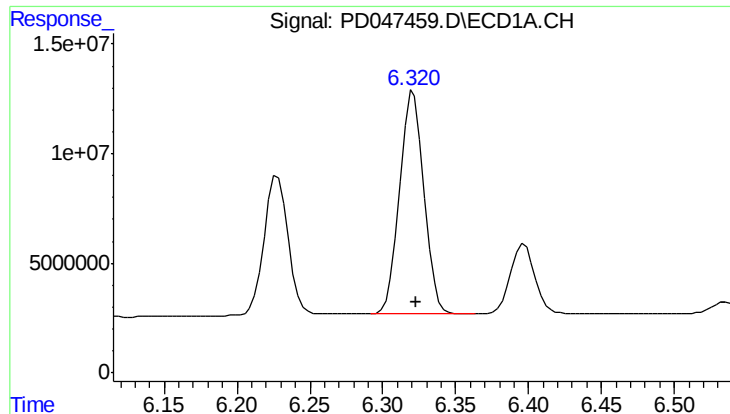
#16 4,4'-DDD

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 155391046
Conc: 118.95 ng/ml



#16 4,4'-DDD

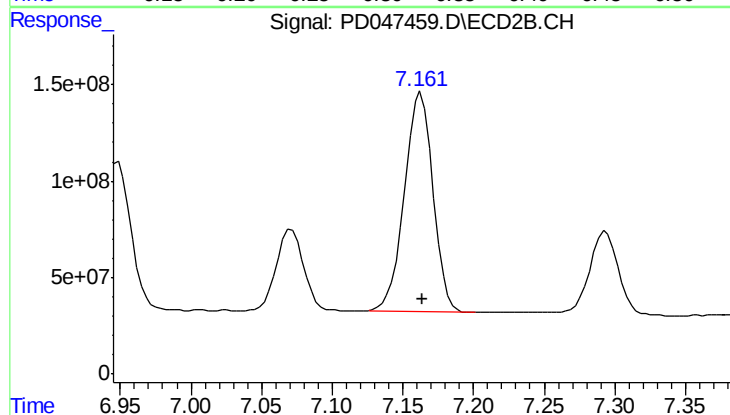
R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 2107492399
Conc: 105.84 ng/ml



#17 4,4'-DDT

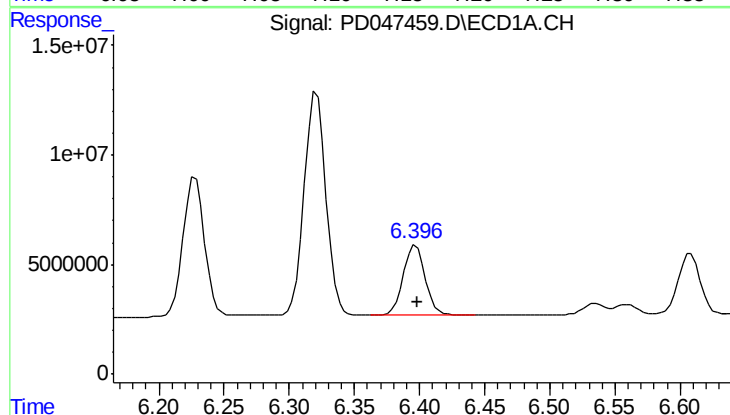
R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 118030684
Conc: 86.72 ng/ml

Instrument :
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ClientSampleId :
PT-PEST-SOILDL



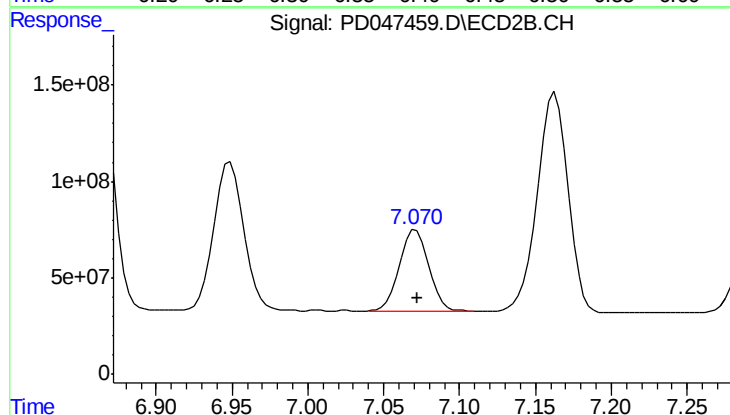
#17 4,4'-DDT

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 1583896463
Conc: 80.61 ng/ml



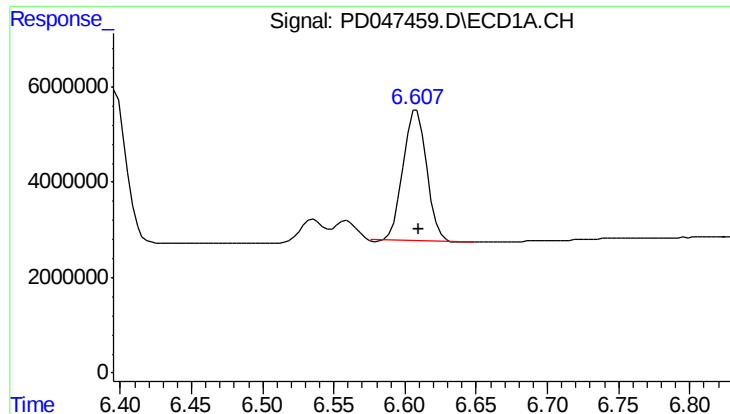
#18 Endrin aldehyde

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 36784618
Conc: 31.67 ng/ml



#18 Endrin aldehyde

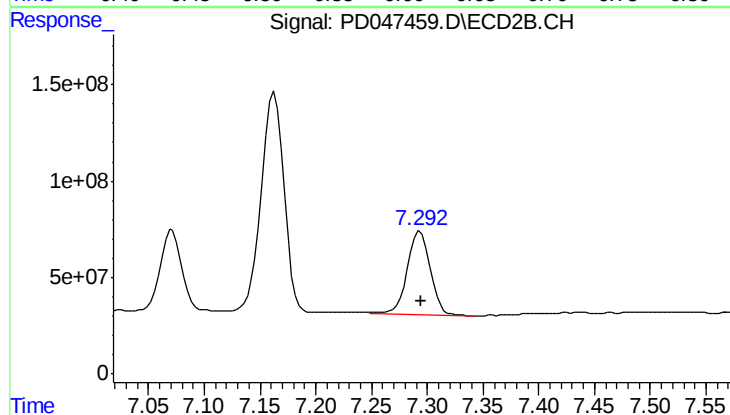
R.T.: 7.071 min
Delta R.T.: -0.001 min
Response: 561672935
Conc: 31.50 ng/ml



#19 Endosulfan Sulfate

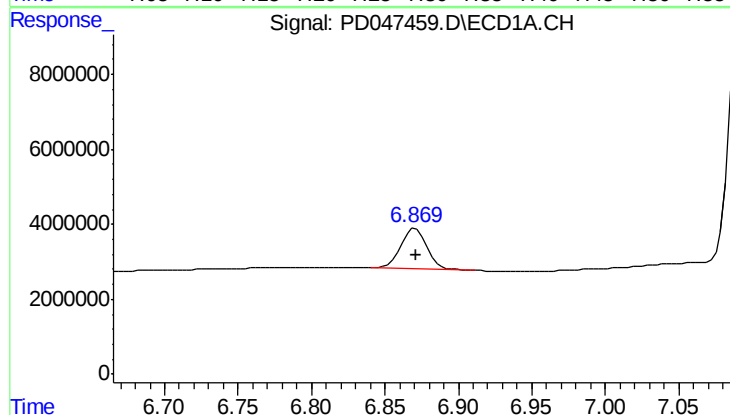
R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 31522595
Conc: 24.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



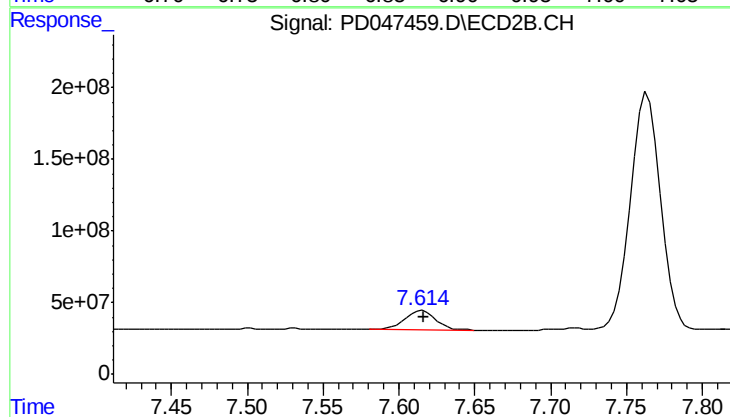
#19 Endosulfan Sulfate

R.T.: 7.294 min
Delta R.T.: -0.001 min
Response: 614254490
Conc: 29.44 ng/ml



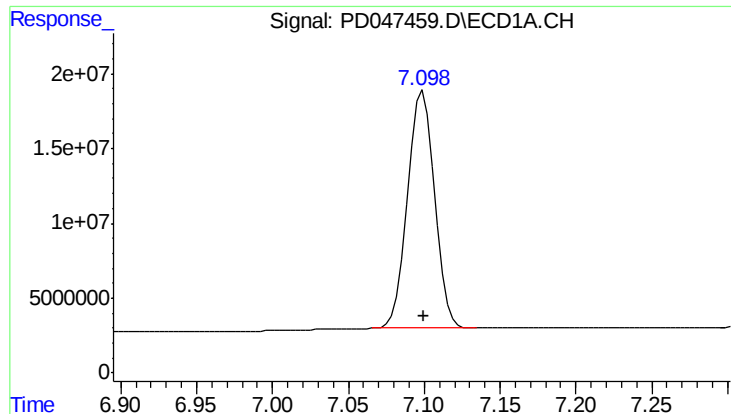
#20 Methoxychlor

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 13159989
Conc: 17.62 ng/ml



#20 Methoxychlor

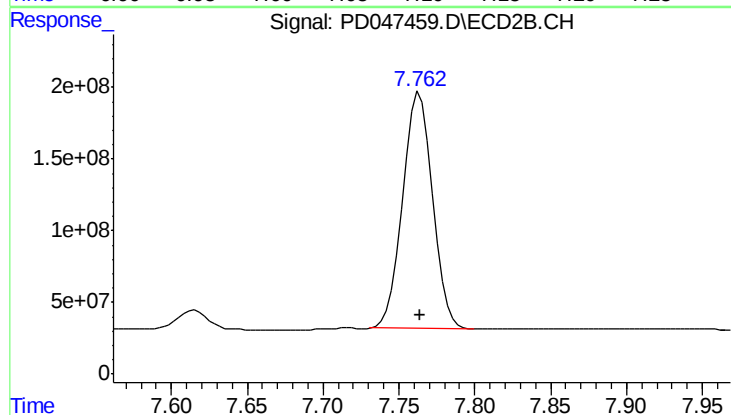
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 180439663
Conc: 17.74 ng/ml



#21 Endrin ketone

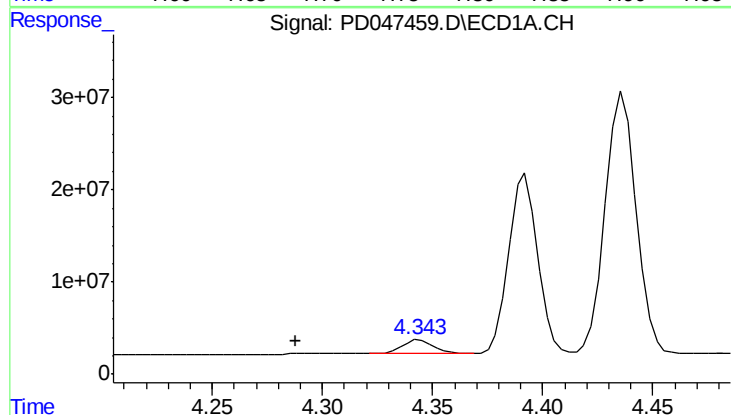
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 194795517
Conc: 118.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



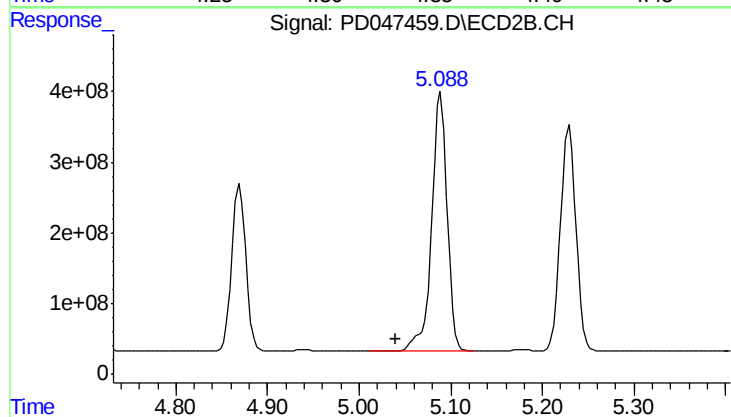
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 2232451261
Conc: 107.86 ng/ml



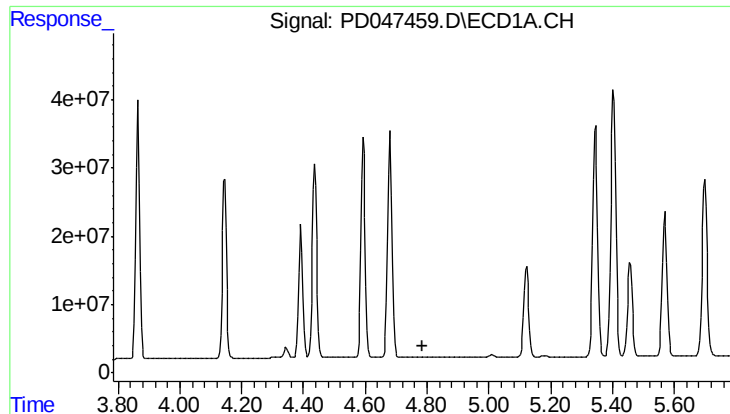
#23 Chlordane-1

R.T.: 4.344 min
Delta R.T.: 0.056 min
Response: 15056648
Conc: 262.51 ng/ml



#23 Chlordane-1

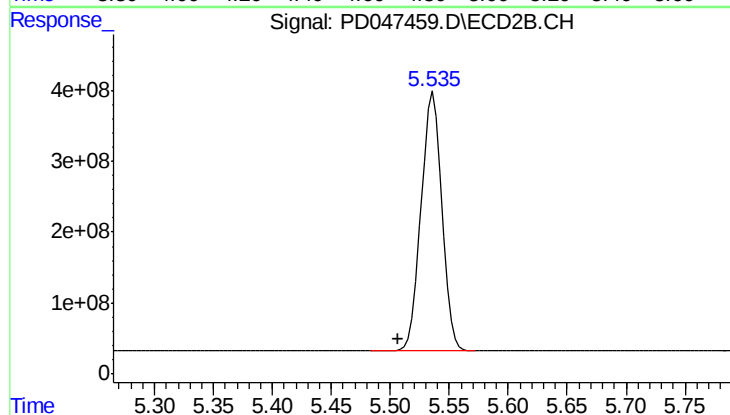
R.T.: 5.089 min
Delta R.T.: 0.049 min
Response: 4263520066
Conc: 4115.40 ng/ml



#24 Chlordane-2

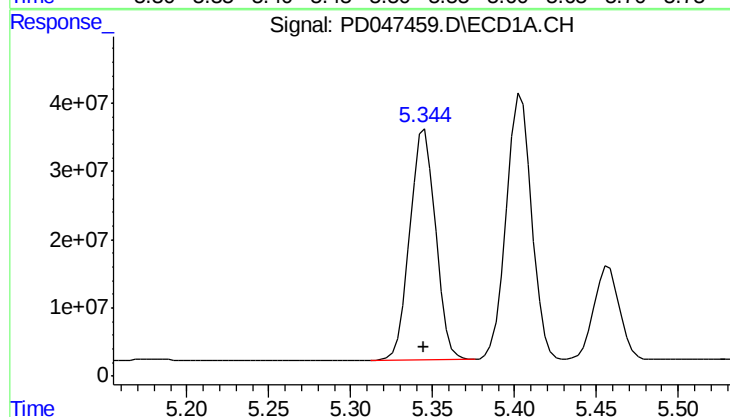
R.T.: 0.000 min
Exp R.T.: 4.784 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



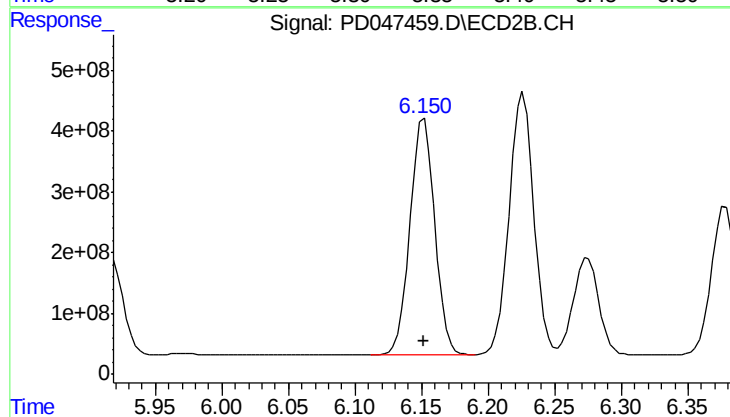
#24 Chlordane-2

R.T.: 5.536 min
Delta R.T.: 0.029 min
Response: 4435228736
Conc: 4302.45 ng/ml



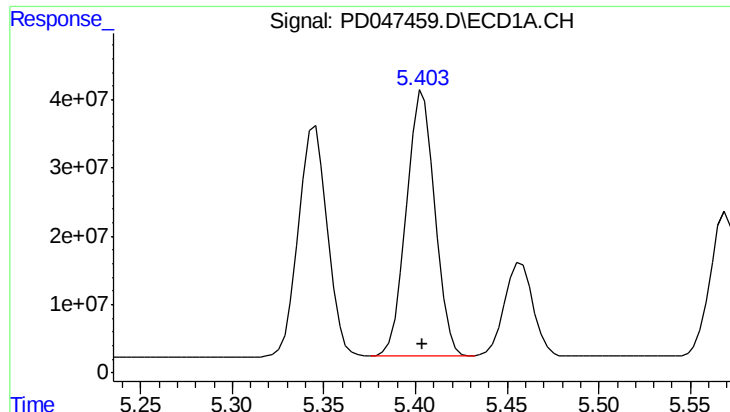
#25 Chlordane-3

R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 370614261
Conc: 2184.70 ng/ml



#25 Chlordane-3

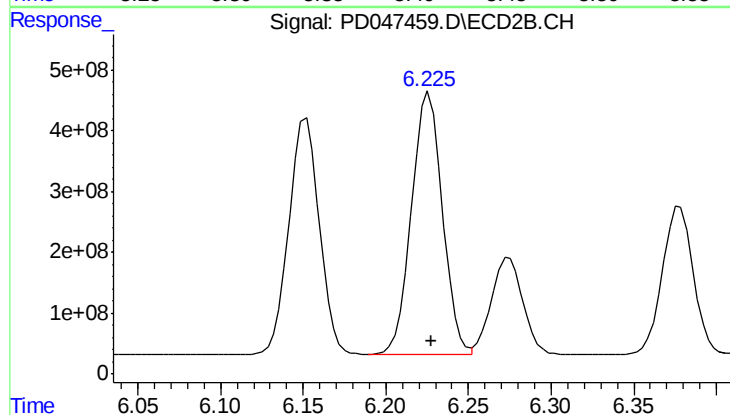
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 4968408356
Conc: 1469.38 ng/ml



#26 Chlordane-4

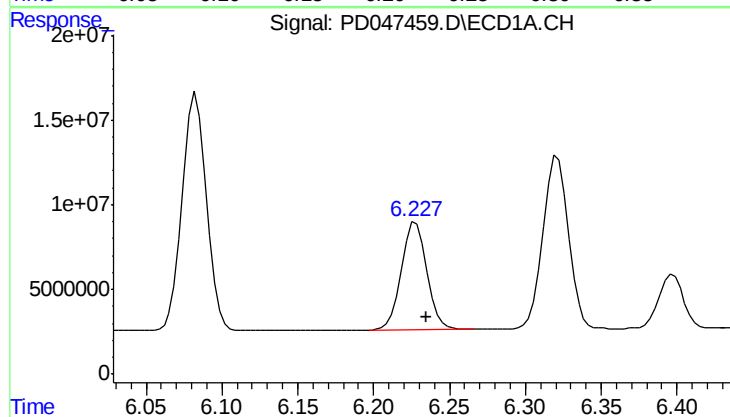
R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 422791287
Conc: 2788.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



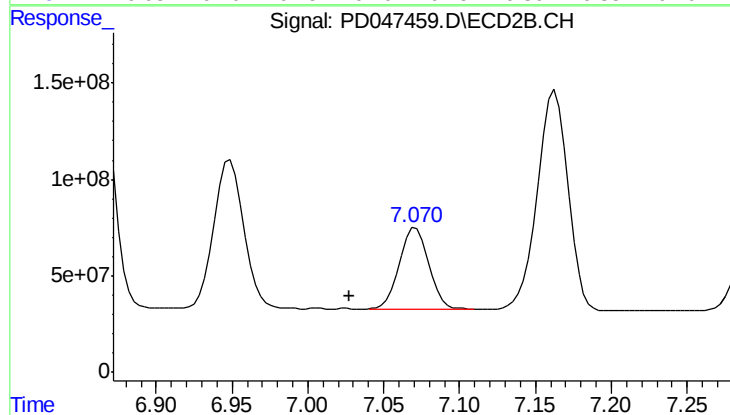
#26 Chlordane-4

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 5569713490
Conc: 1432.62 ng/ml



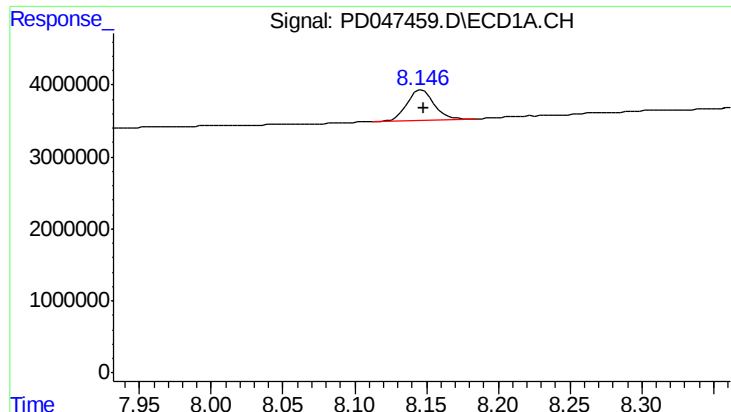
#27 Chlordane-5

R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 72824784
Conc: 1241.50 ng/ml



#27 Chlordane-5

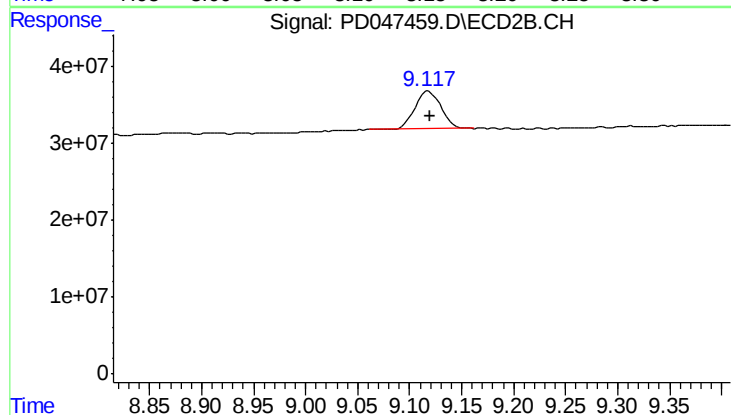
R.T.: 7.071 min
Delta R.T.: 0.044 min
Response: 561672935
Conc: 671.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.147 min
Delta R.T.: -0.001 min
Response: 5490263
Conc: 4.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: -0.002 min
Response: 86960614
Conc: 4.35 ng/ml