

Data Path : P:\HPCHEM1\ECD_D\Data\PD050518\
 Data File : PD047458.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 May 2018 00:41
 Operator : UA/AJ
 Sample : J2604-20
 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 05 04:09:14 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	4.040	23181396	499.4E6	20.402	26.834 #
28)	SA Decachlor...	8.148	9.120	26750503	417.9E6	20.840	20.882
Target Compounds							
2)	A alpha-BHC	3.865	4.427	1929.7E6	18895.7E6	993.985	613.146 #
3)	MA gamma-BHC...	4.145	4.713	1379.3E6	12569.3E6	784.248	463.591 #
4)	MA Heptachlor	4.437	5.234	1536.8E6	13041.0E6	891.433	465.926 #
5)	MB Aldrin	4.682	5.540	1870.3E6	16821.4E6	1119.391	633.819 #
6)	B beta-BHC	4.393	4.870	1009.9E6	12026.6E6	1374.016	988.616 #
7)	B delta-BHC	4.594	5.090	1728.6E6	17384.2E6	955.275	599.165 #
8)	B Heptachlo...	5.122	5.919	765.0E6	8945.1E6	491.593	360.856 #
9)	A Endosulfan I	5.458	6.275	819.2E6	9530.7E6	575.845	423.456 #
10)	B gamma-Chl...	5.346	6.153	2101.5E6	20671.2E6	1343.181	815.525 #
11)	B alpha-Chl...	5.405	6.230	2378.3E6	23265.2E6	1565.561	949.208 #
12)	B 4,4'-DDE	5.571	6.375	1294.7E6	11319.6E6	832.474	466.050 #
13)	MA Dieldrin	5.700	6.533	1567.4E6	12941.3E6	958.543	525.978 #
14)	MA Endrin	5.957	6.748	698.1E6	7434.9E6	463.582	359.862
15)	B Endosulfa...	6.229	6.949	392.2E6	4801.2E6	269.915	226.669
16)	A 4,4'-DDD	6.084	6.863	874.5E6	10145.3E6	669.408	509.527
17)	MA 4,4'-DDT	6.322	7.164	663.9E6	7888.7E6	487.786	401.462
18)	B Endrin al...	6.398	7.072	193.0E6	2545.2E6	166.202	142.745
19)	B Endosulfa...	6.608	7.295	164.7E6	2785.9E6	127.705	133.541
20)	A Methoxychlor	6.871	7.616	65142077	820.9E6	87.210	80.711
21)	B Endrin ke...	7.099	7.764	1037.9E6	10235.9E6	629.590	494.539
23)	Chlordane-1	4.307	5.090	353425	17384.2E6	6.162	16780.251 #
24)	Chlordane-2	4.795	5.540	1570956	16821.4E6	28.053	16317.805 #
25)	Chlordane-3	5.346	6.153	2101.5E6	20671.2E6	12387.762	6113.390 #
26)	Chlordane-4	5.405	6.230	2378.3E6	23265.2E6	15687.885	5984.168 #
27)	Chlordane-5	6.229	7.072	392.2E6	2545.2E6	6685.529	3042.795 #

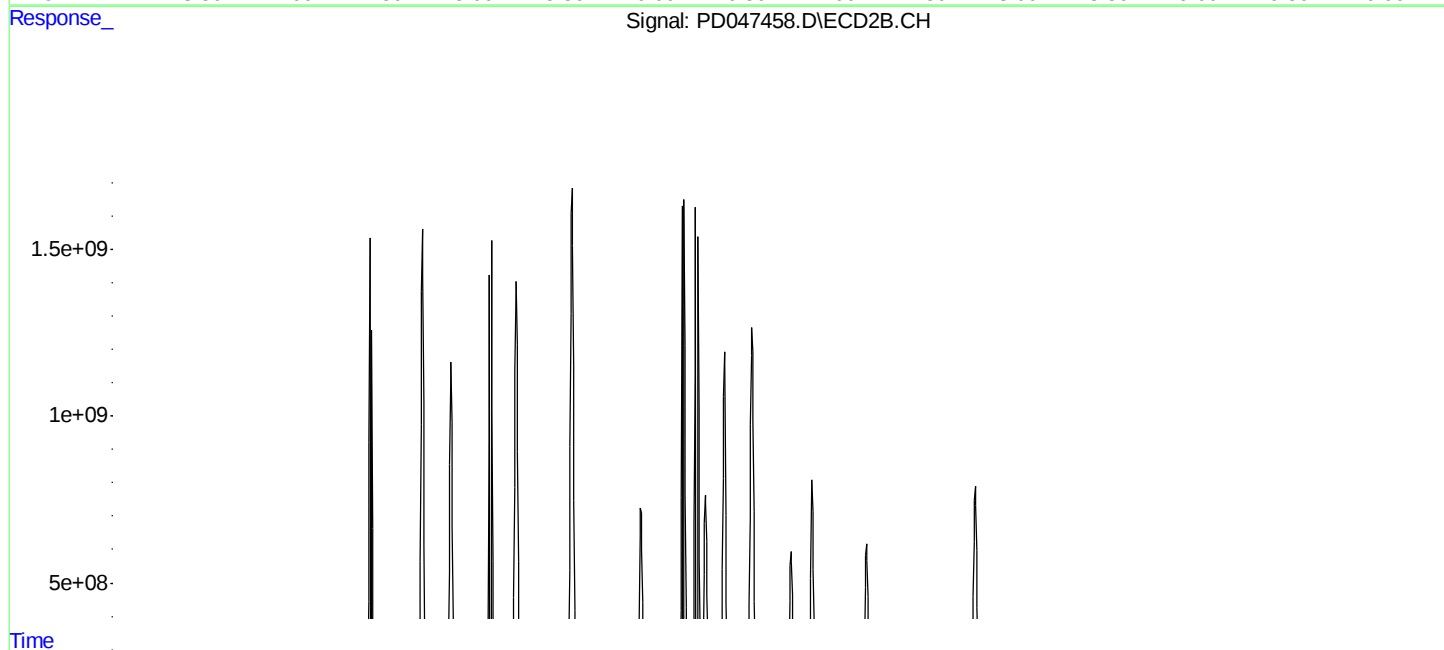
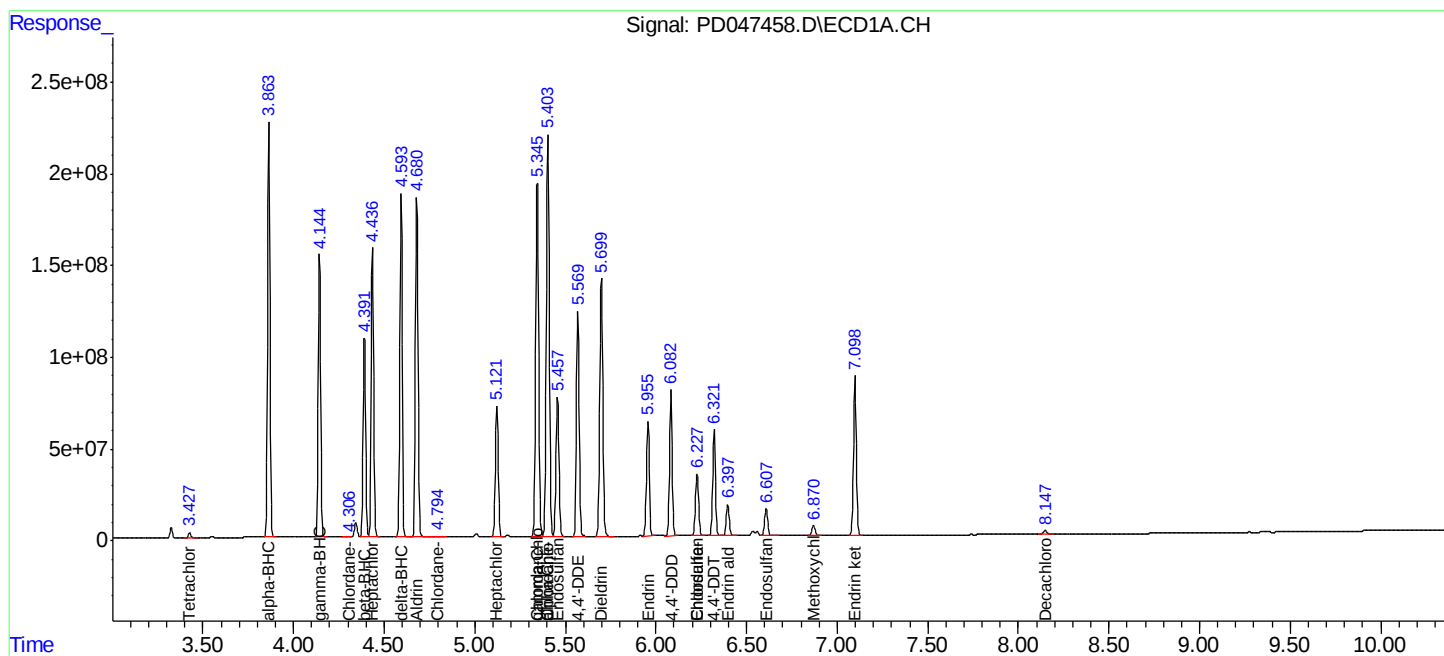
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

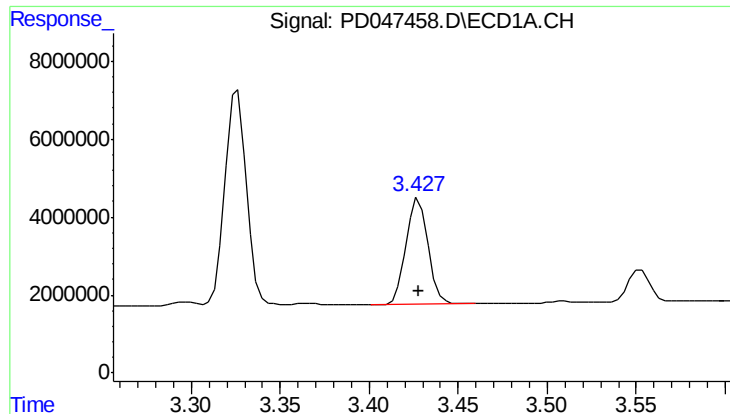
Data Path : P:\HPCHEM1\ECD_D\Data\PD050518\
Data File : PD047458.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 May 2018 00:41
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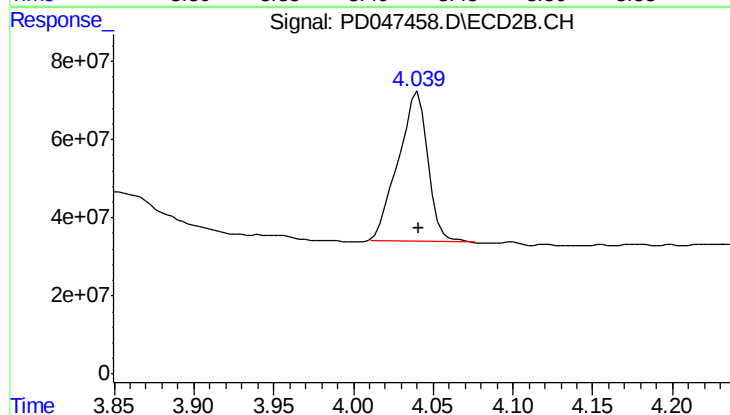




#1 Tetrachloro-m-xylene

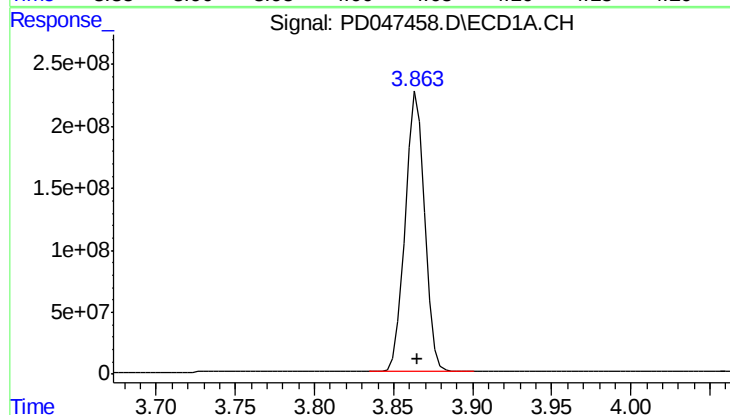
R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 23181396
Conc: 20.40 ng/ml

Instrument :
ECD_D
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PT-PEST-SOIL



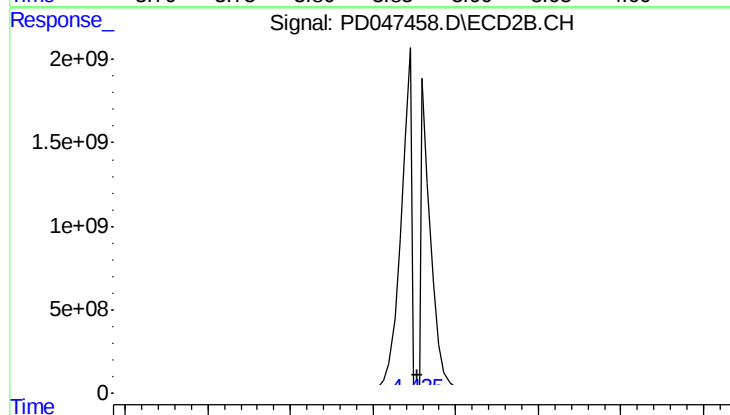
#1 Tetrachloro-m-xylene

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 499411468
Conc: 26.83 ng/ml



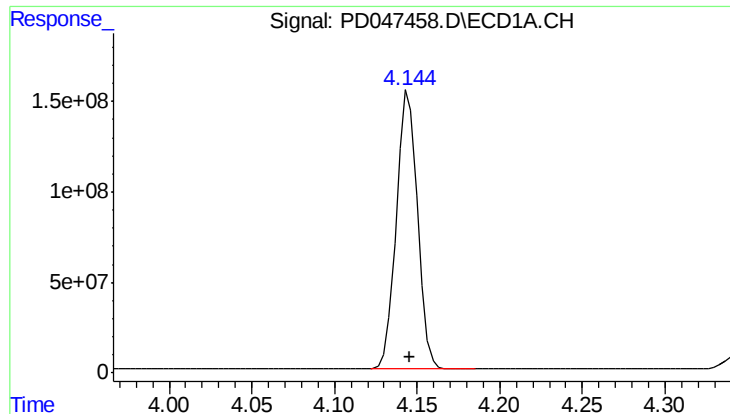
#2 alpha-BHC

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 1929664456
Conc: 993.98 ng/ml



#2 alpha-BHC

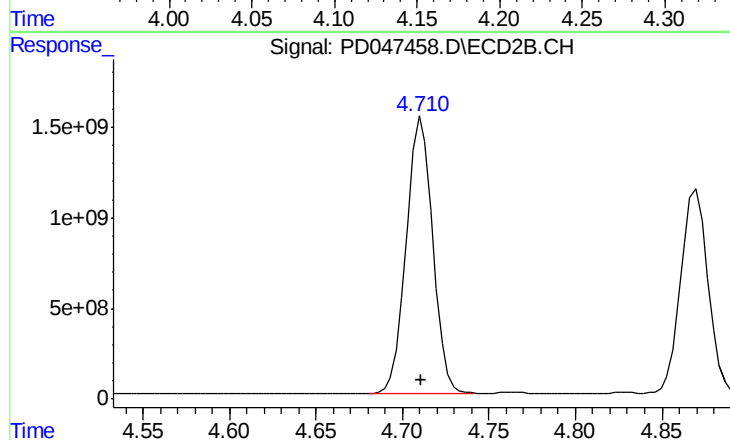
R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 18895743622
Conc: 613.15 ng/ml



#3 gamma-BHC (Lindane)

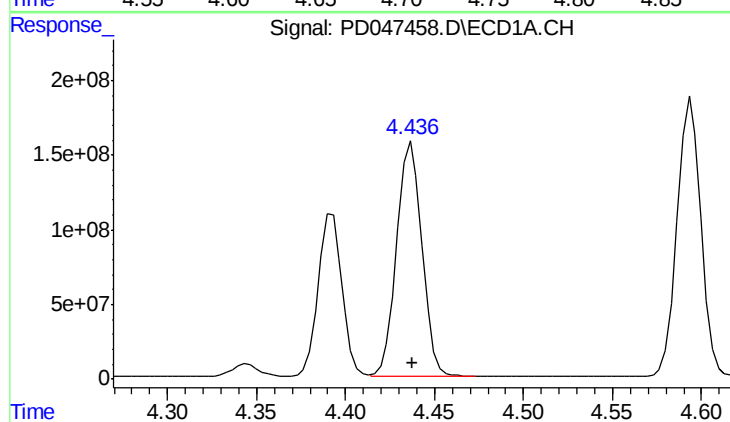
R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 1379272462
Conc: 784.25 ng/ml

Instrument :
ECD_D
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PT-PEST-SOIL



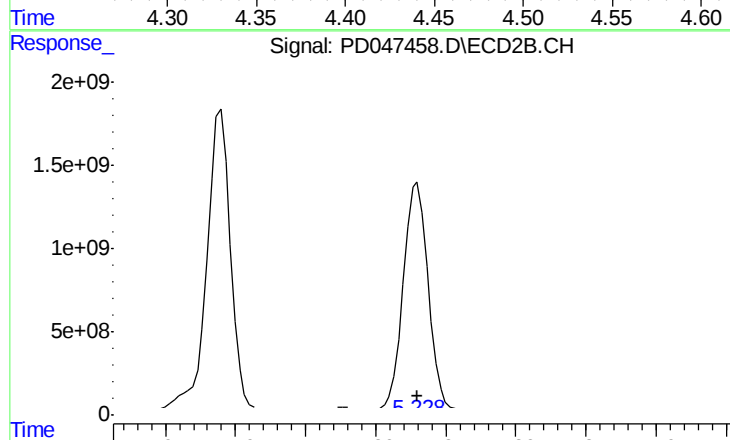
#3 gamma-BHC (Lindane)

R.T.: 4.713 min
Delta R.T.: 0.002 min
Response: 12569331064
Conc: 463.59 ng/ml



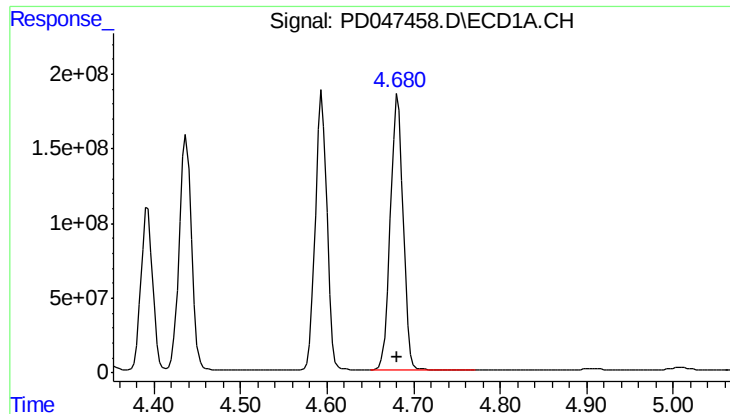
#4 Heptachlor

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 1536771249
Conc: 891.43 ng/ml



#4 Heptachlor

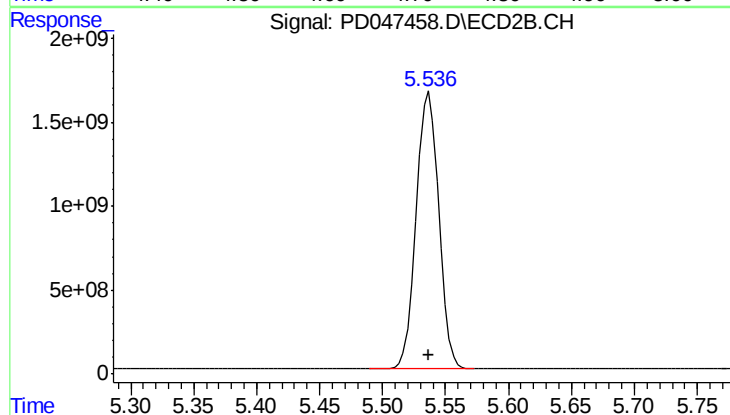
R.T.: 5.234 min
Delta R.T.: 0.004 min
Response: 13040987430
Conc: 465.93 ng/ml



#5 Aldrin

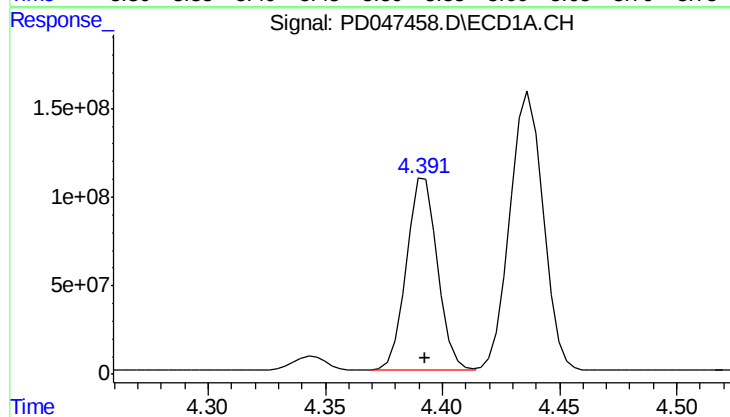
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 1870304561
Conc: 1119.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



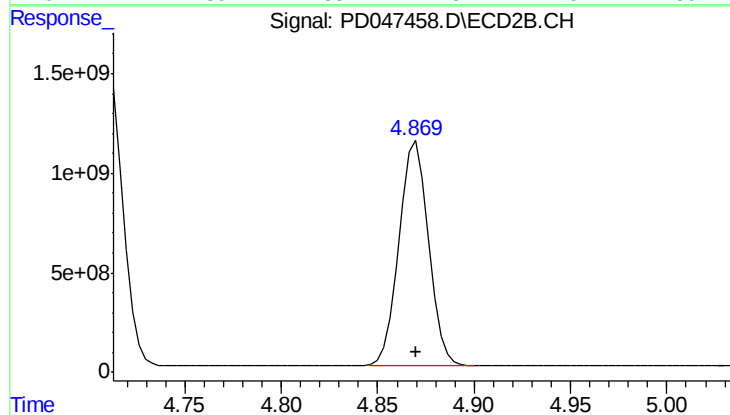
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.003 min
Response: 16821399128
Conc: 633.82 ng/ml



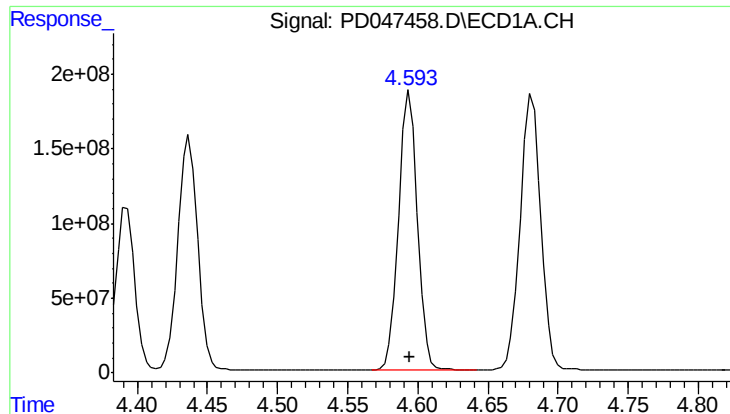
#6 beta-BHC

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 1009922752
Conc: 1374.02 ng/ml



#6 beta-BHC

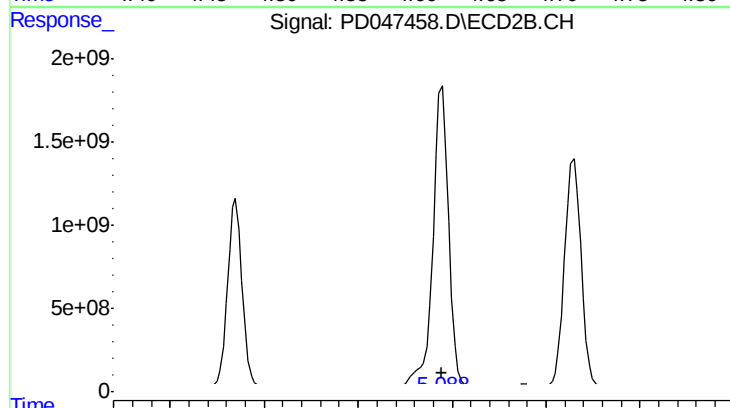
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 12026649098
Conc: 988.62 ng/ml



#7 delta-BHC

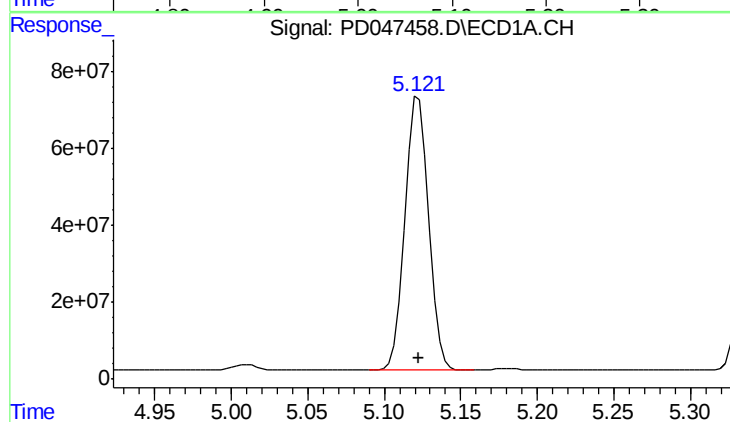
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 1728634399
Conc: 955.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



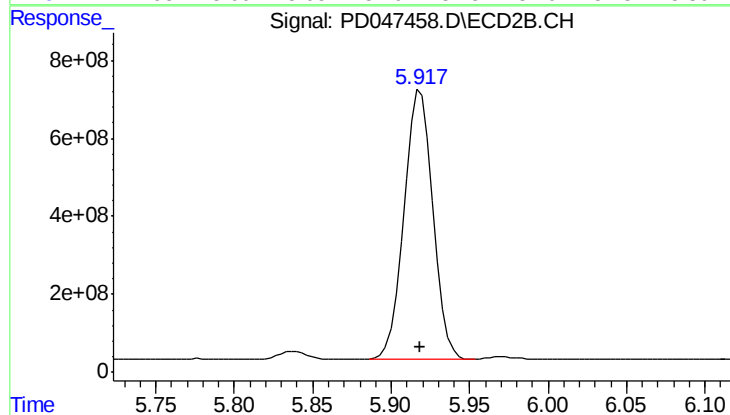
#7 delta-BHC

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 17384218551
Conc: 599.17 ng/ml



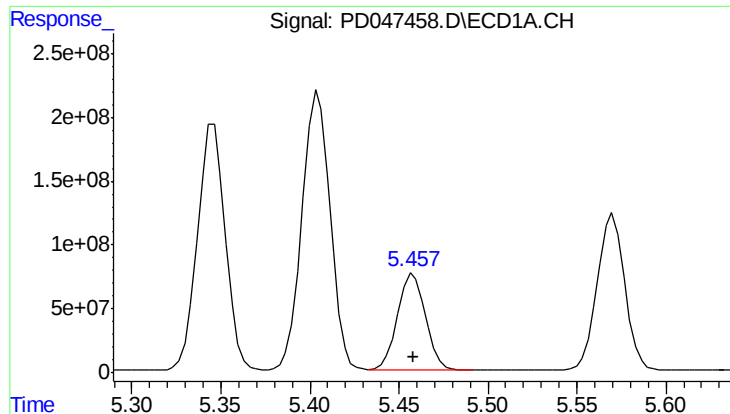
#8 Heptachlor epoxide

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 764950368
Conc: 491.59 ng/ml



#8 Heptachlor epoxide

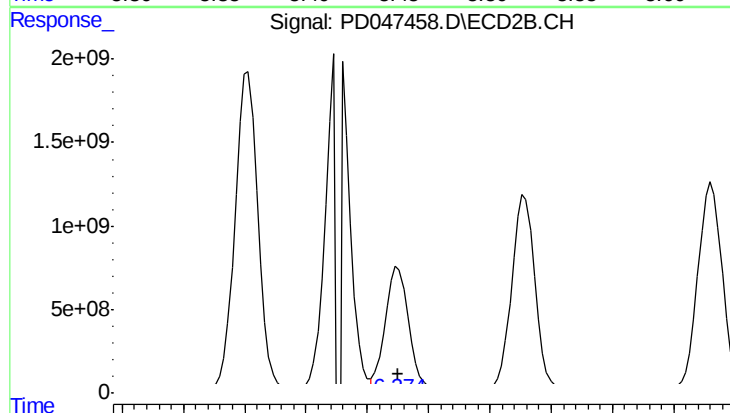
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 8945060262
Conc: 360.86 ng/ml



#9 Endosulfan I

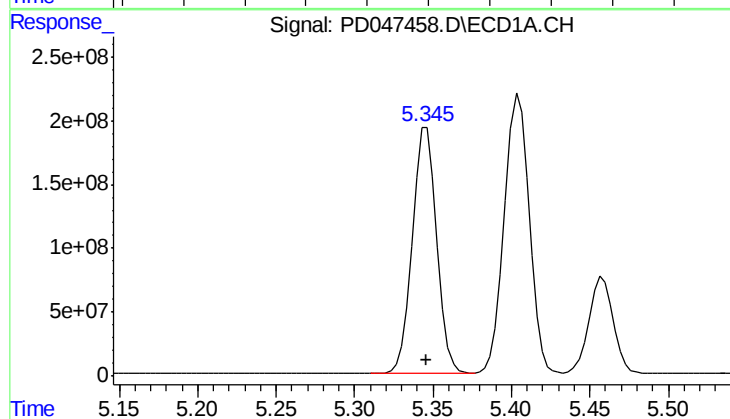
R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 819192590
Conc: 575.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



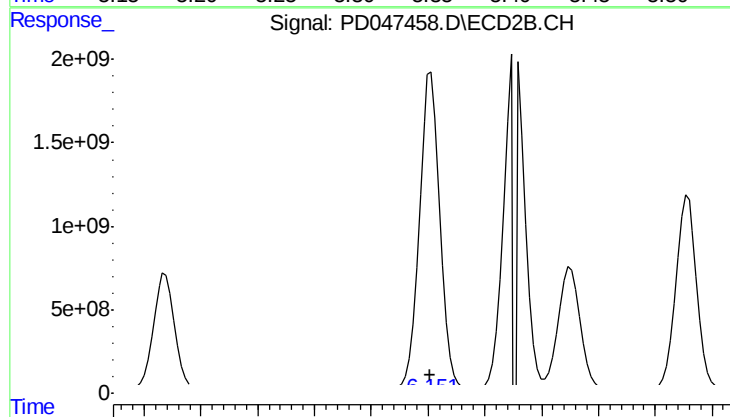
#9 Endosulfan I

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 9530670928
Conc: 423.46 ng/ml



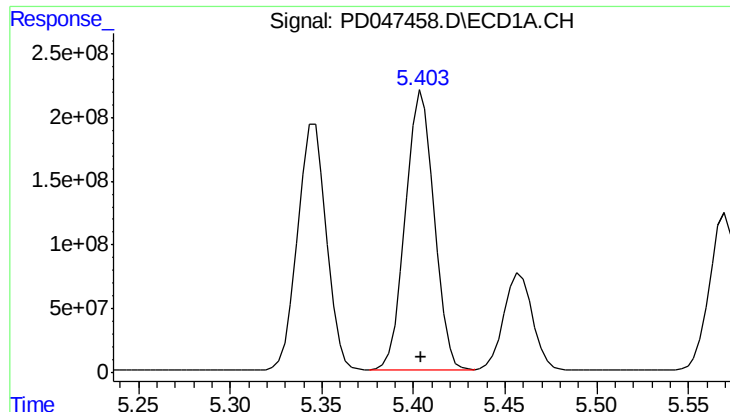
#10 gamma-Chlordane

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 2101470796
Conc: 1343.18 ng/ml



#10 gamma-Chlordane

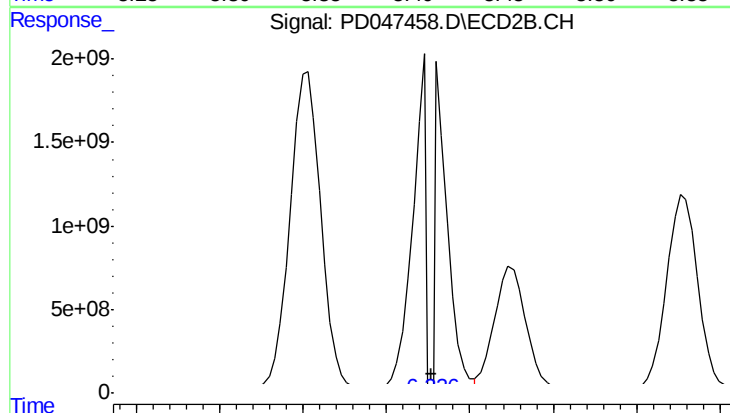
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 20671229830
Conc: 815.52 ng/ml



#11 alpha-Chlordane

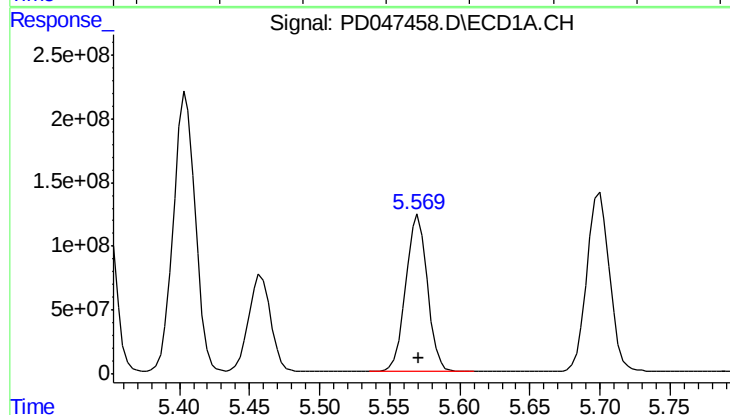
R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 2378312933
Conc: 1565.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



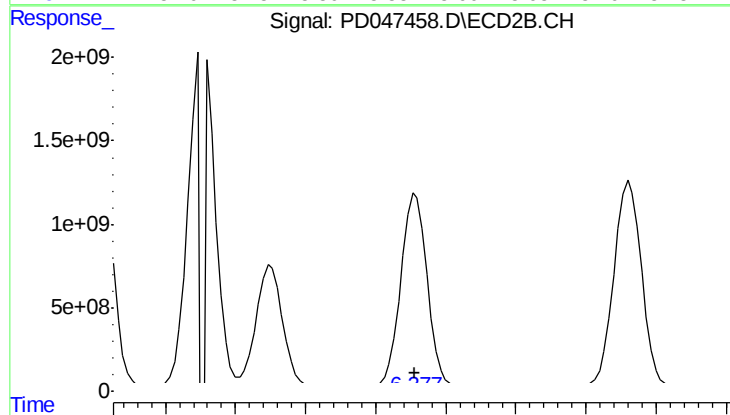
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.003 min
Response: 23265191080
Conc: 949.21 ng/ml



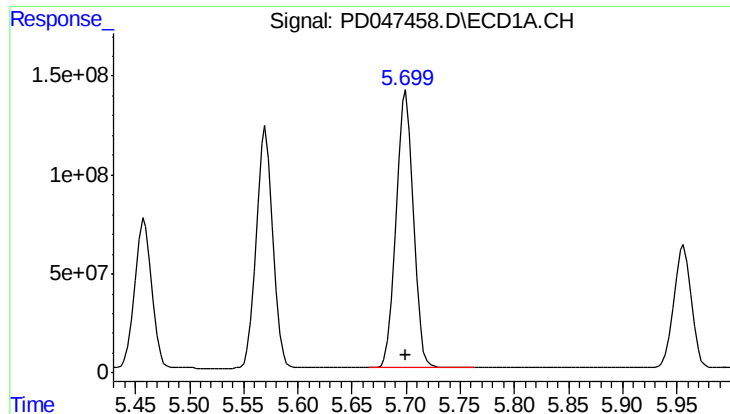
#12 4,4'-DDE

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 1294708523
Conc: 832.47 ng/ml



#12 4,4'-DDE

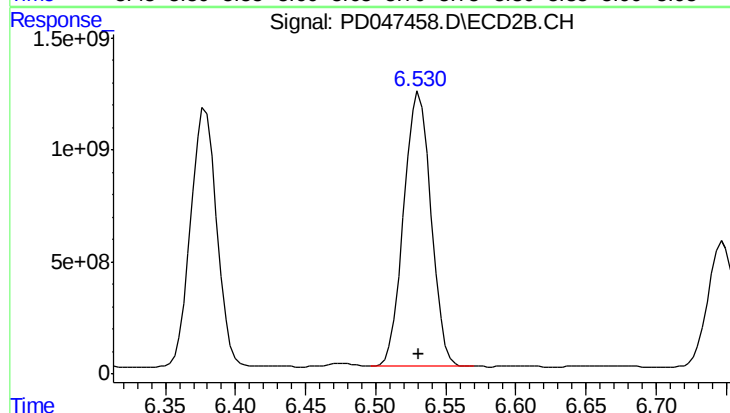
R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 11319607820
Conc: 466.05 ng/ml



#13 Dielddrin

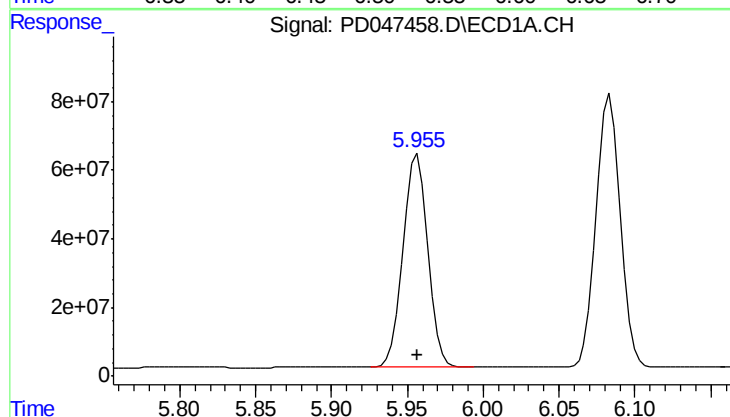
R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 1567389792
Conc: 958.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



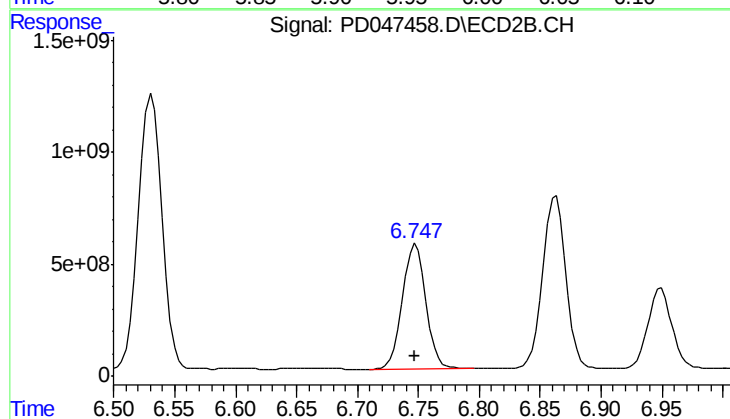
#13 Dielddrin

R.T.: 6.533 min
Delta R.T.: 0.003 min
Response: 12941314294
Conc: 525.98 ng/ml



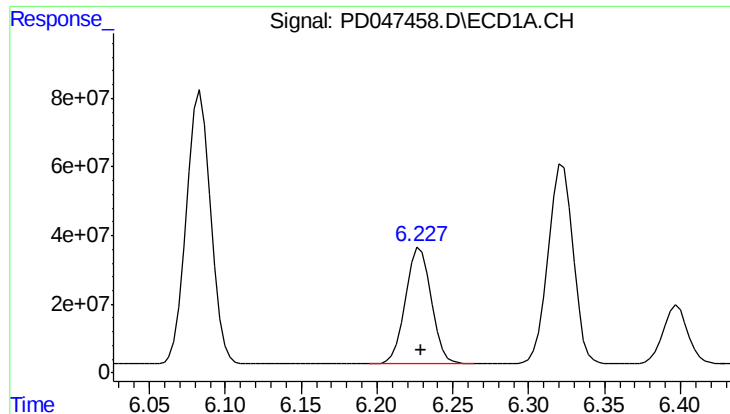
#14 Endrin

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 698110502
Conc: 463.58 ng/ml



#14 Endrin

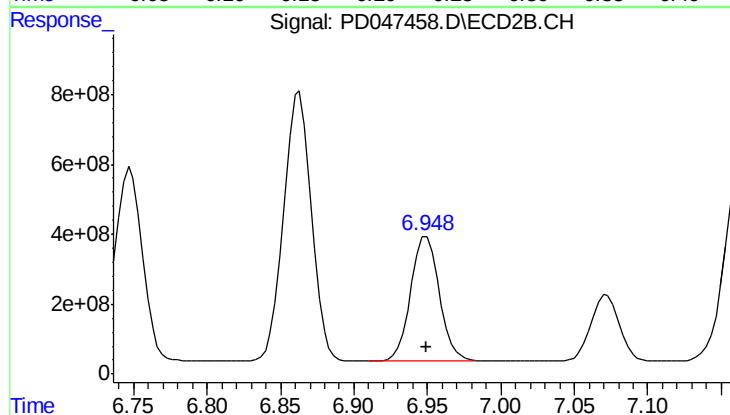
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 7434888891
Conc: 359.86 ng/ml



#15 Endosulfan II

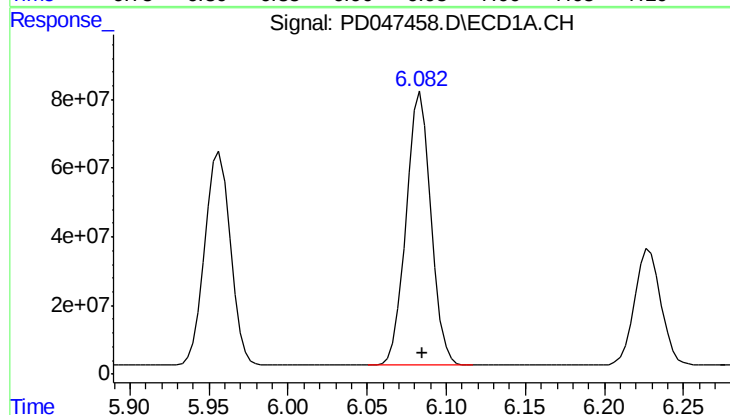
R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 392164223
Conc: 269.92 ng/ml

Instrument :
ECD_D
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PT-PEST-SOIL



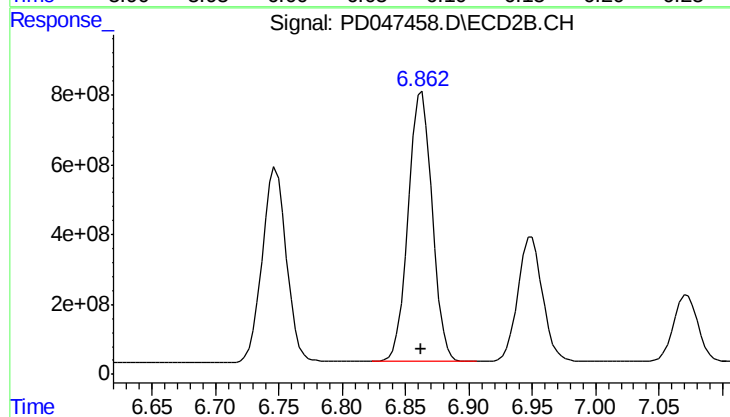
#15 Endosulfan II

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 4801226865
Conc: 226.67 ng/ml



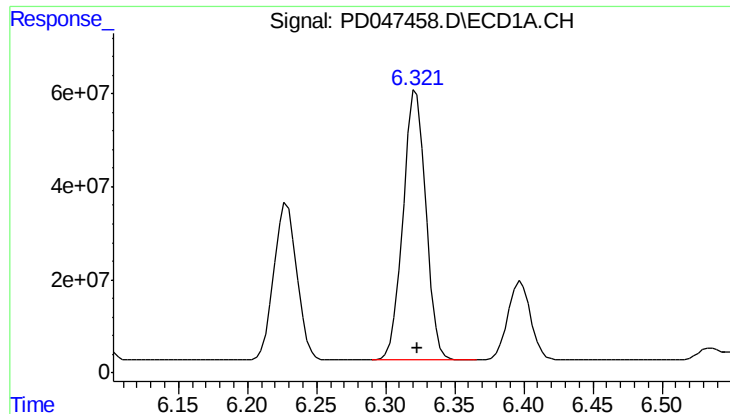
#16 4,4'-DDD

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 874472183
Conc: 669.41 ng/ml



#16 4,4'-DDD

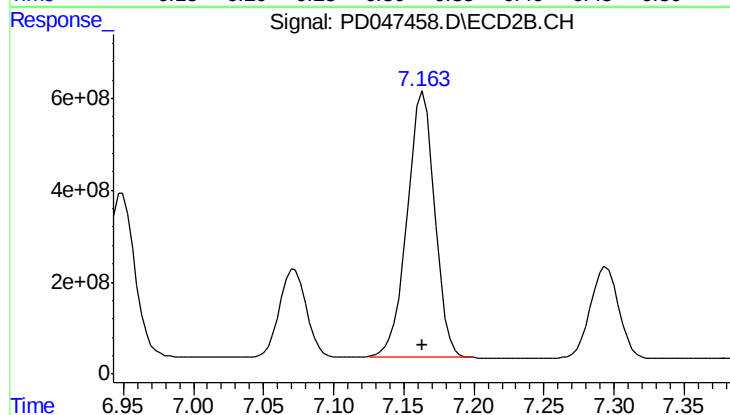
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 10145346447
Conc: 509.53 ng/ml



#17 4,4'-DDT

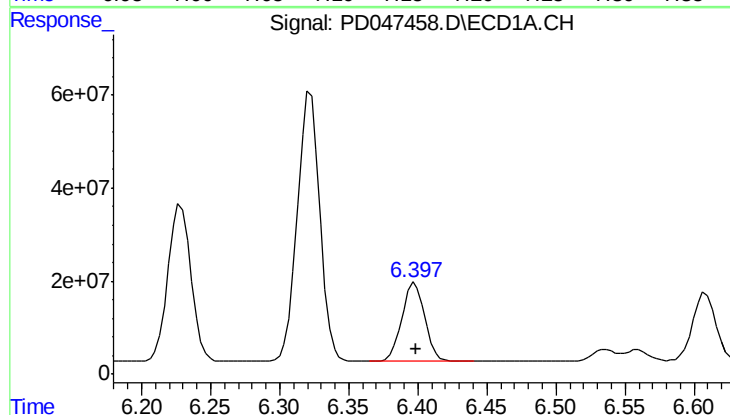
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 663938981
Conc: 487.79 ng/ml

Instrument :
ECD_D
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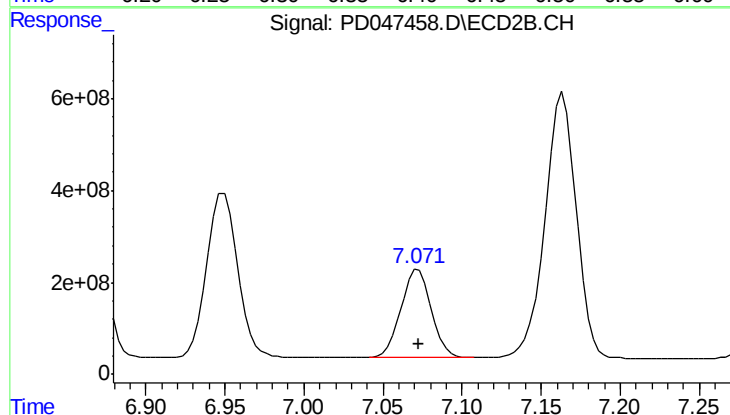
#17 4,4'-DDT

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 7888729385
Conc: 401.46 ng/ml



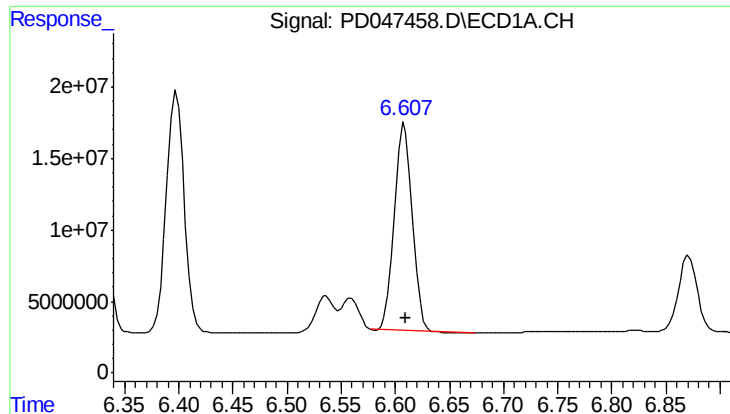
#18 Endrin aldehyde

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 193027472
Conc: 166.20 ng/ml



#18 Endrin aldehyde

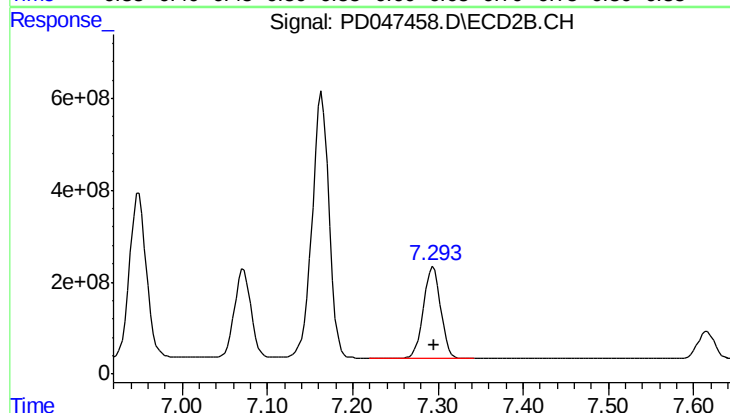
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 2545226462
Conc: 142.74 ng/ml



#19 Endosulfan Sulfate

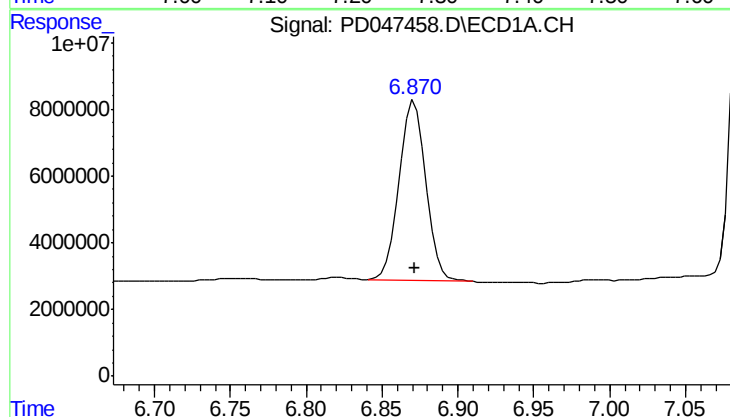
R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 164704736
Conc: 127.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



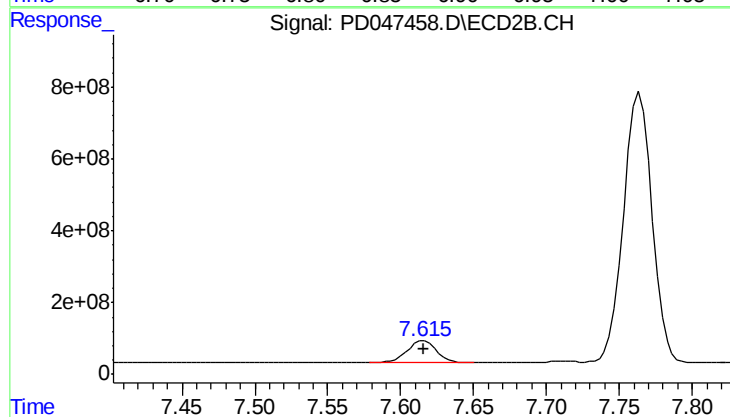
#19 Endosulfan Sulfate

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 2785898141
Conc: 133.54 ng/ml



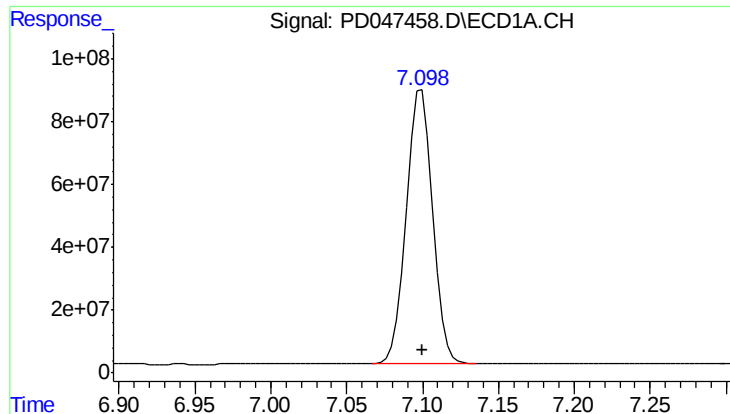
#20 Methoxychlor

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 65142077
Conc: 87.21 ng/ml



#20 Methoxychlor

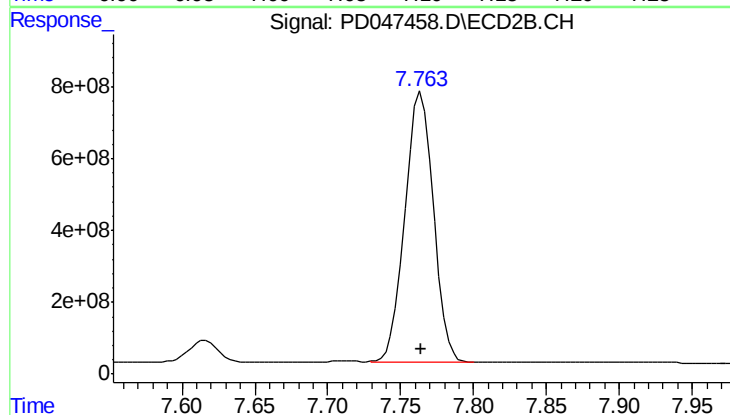
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 820896585
Conc: 80.71 ng/ml



#21 Endrin ketone

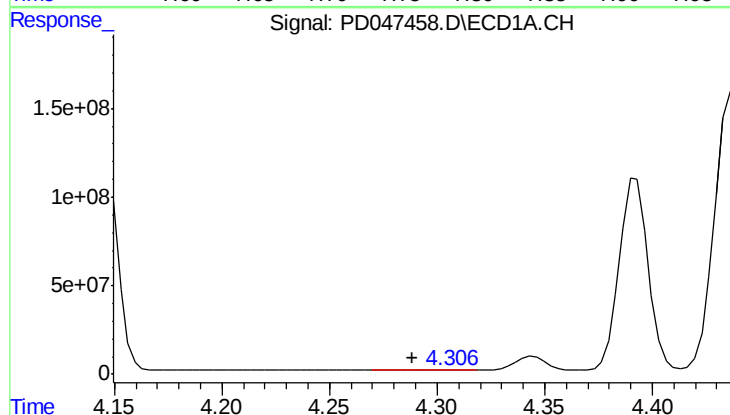
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 1037865349
Conc: 629.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



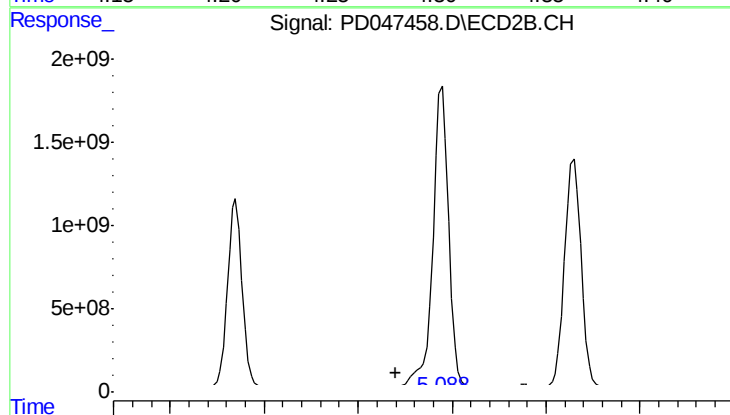
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 10235859931
Conc: 494.54 ng/ml



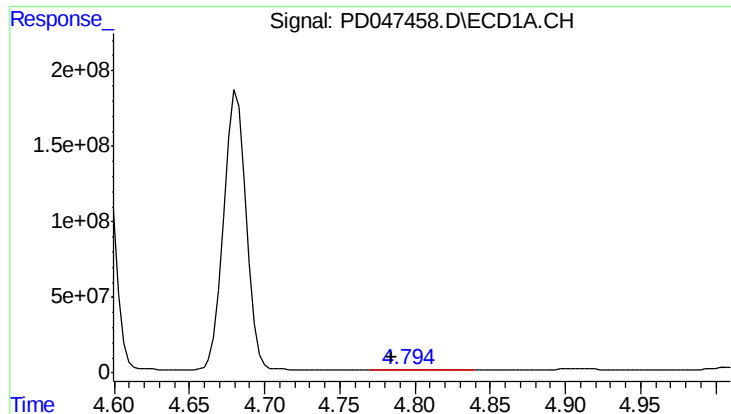
#23 Chlordane-1

R.T.: 4.307 min
Delta R.T.: 0.019 min
Response: 353425
Conc: 6.16 ng/ml



#23 Chlordane-1

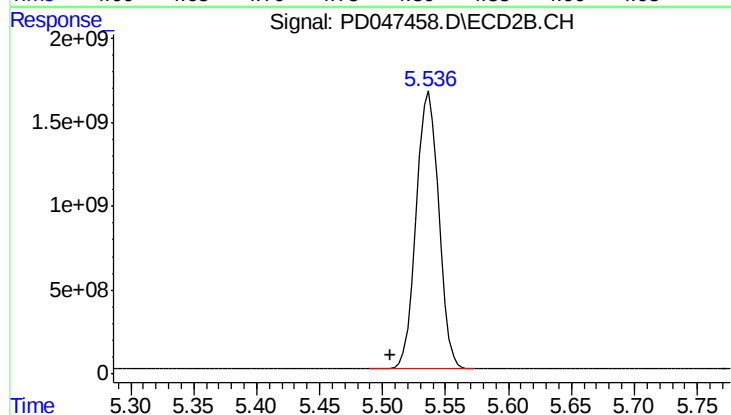
R.T.: 5.090 min
Delta R.T.: 0.050 min
Response: 17384218551
Conc: 16780.25 ng/ml



#24 Chlordane-2

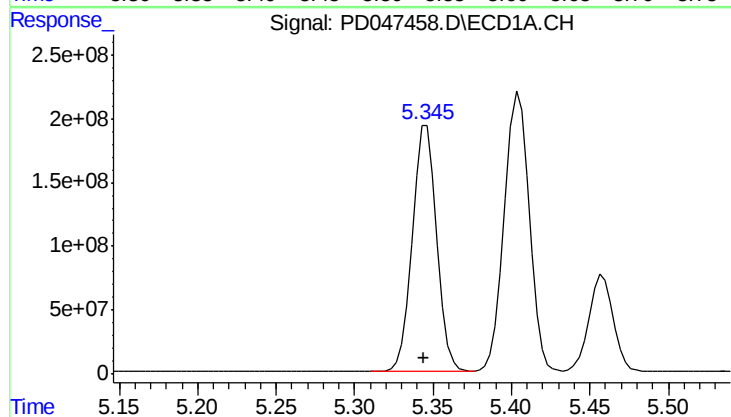
R.T.: 4.795 min
Delta R.T.: 0.011 min
Response: 1570956
Conc: 28.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



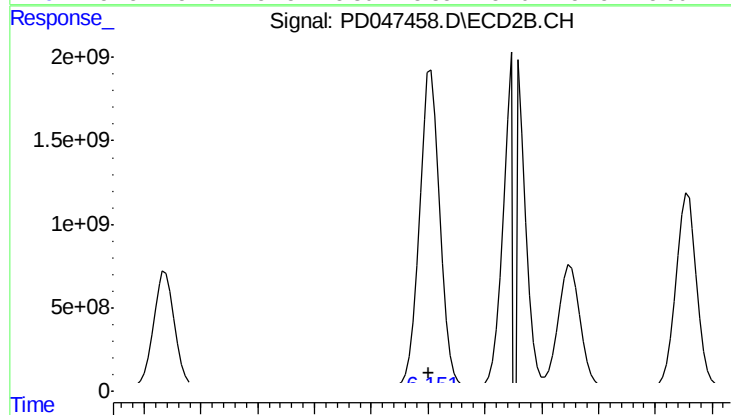
#24 Chlordane-2

R.T.: 5.540 min
Delta R.T.: 0.033 min
Response: 16821399128
Conc: 16317.80 ng/ml



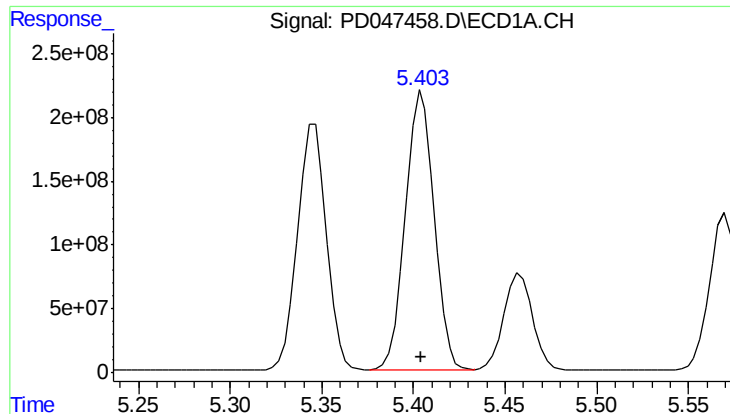
#25 Chlordane-3

R.T.: 5.346 min
Delta R.T.: 0.001 min
Response: 2101470796
Conc: 12387.76 ng/ml



#25 Chlordane-3

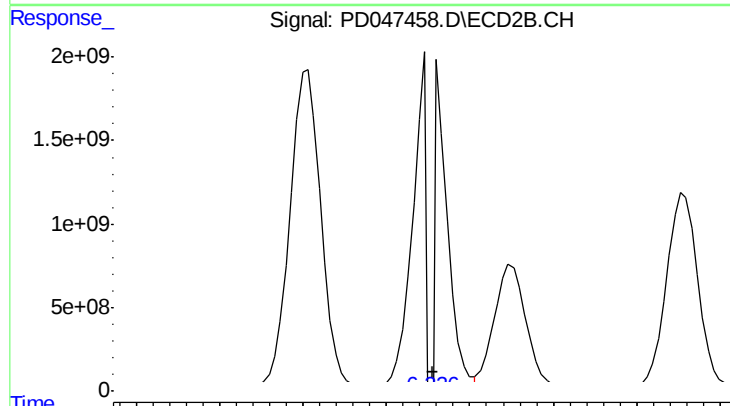
R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 20671229830
Conc: 6113.39 ng/ml



#26 Chlordane-4

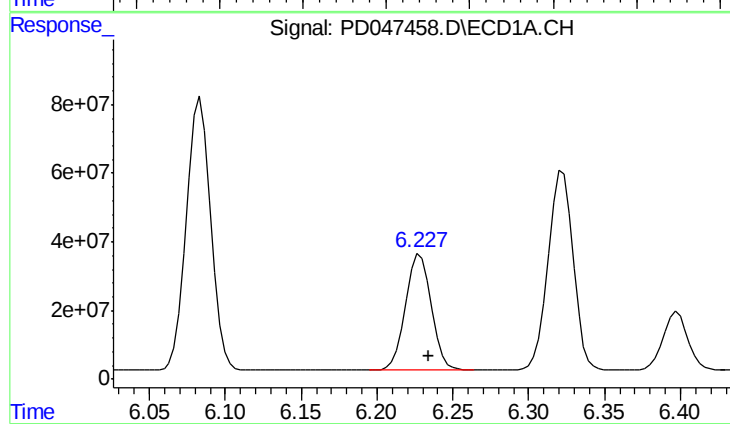
R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 2378312933
Conc: 15687.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



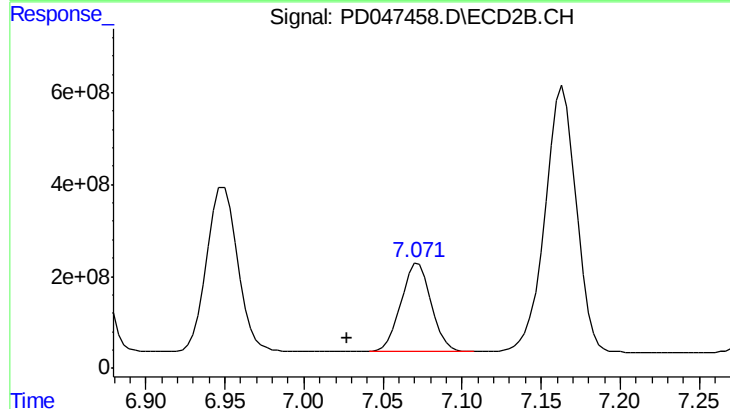
#26 Chlordane-4

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 23265191080
Conc: 5984.17 ng/ml



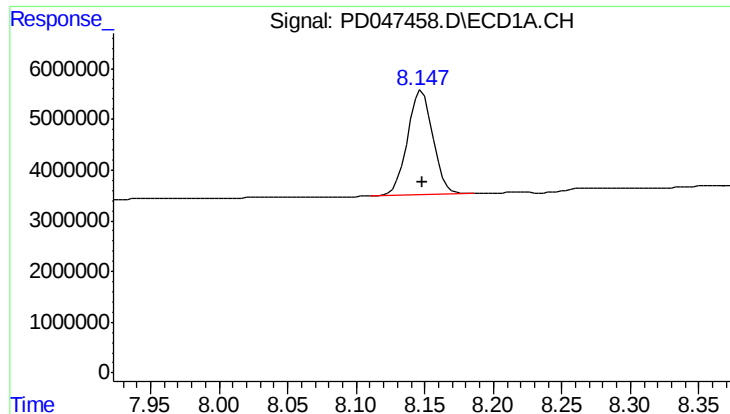
#27 Chlordane-5

R.T.: 6.229 min
Delta R.T.: -0.006 min
Response: 392164223
Conc: 6685.53 ng/ml



#27 Chlordane-5

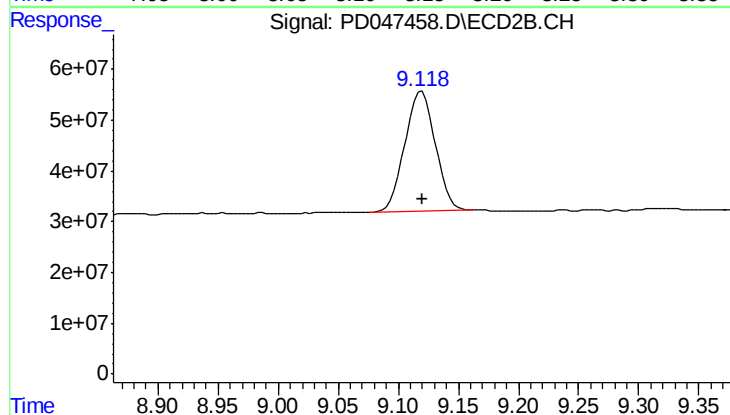
R.T.: 7.072 min
Delta R.T.: 0.045 min
Response: 2545226462
Conc: 3042.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 26750503
Conc: 20.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.000 min
Response: 417892418
Conc: 20.88 ng/ml