

Data Path : P:\HPCHEM1\ECD_D\Data\PD050518\
 Data File : PD047468.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 May 2018 3:09
 Operator : UA/AJ
 Sample : J2604-21
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-CHLR-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 04:12:41 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	4.041	26401637	407.8E6	23.236	21.913
28)	SA Decachlor...	8.147	9.120	29850425	422.0E6	23.255	21.086
Target Compounds							
2)	A alpha-BHC	3.804f	4.442	6141435	154.6E6	3.163	5.017 #
3)	MA gamma-BHC...	4.110f	4.737	1653811	-11442424	0.940	N.D. #
4)	MA Heptachlor	4.437	5.230	178.5E6	2720.3E6	103.560	97.190
5)	MB Aldrin	4.693	5.560	11381235	46240847	6.812	1.742 #
6)	B beta-BHC	4.437f	4.912f	178.5E6	92694263	242.894	7.620 #
7)	B delta-BHC	4.595	5.075	10004759	18768853	5.529	0.647 #
8)	B Heptachlo...	0.000	5.900	0	751.6E6	N.D.	30.321 #
9)	A Endosulfan I	5.443	6.313f	15548840	109.2E6	10.930	4.853 #
10)	B gamma-Chl...	5.347	6.153	673.5E6	6487.1E6	430.469	255.928 #
11)	B alpha-Chl...	5.404	6.229	335.0E6	7379.8E6	220.530	301.092 #
12)	B 4,4'-DDE	5.572	6.377	-3368474	113.6E6	N.D.	4.678
13)	MA Dieldrin	5.719	6.535	907771	197.7E6	0.555	8.033 #
14)	MA Endrin	5.959	6.772	6602461	-82481694	4.384	N.D. #
15)	B Endosulfa...	6.236	6.935	119.5E6	98324486	82.244	4.642 #
16)	A 4,4'-DDD	6.136f	6.843	1933770	915.3E6	1.480	45.969 #
17)	MA 4,4'-DDT	6.355	7.179	2006978	22188034	1.474	1.129
19)	B Endosulfa...	6.677f	7.303	2116312	55847716	1.641	2.677 #
20)	A Methoxychlor	6.816f	7.618	3483227	17970655	4.663	1.767 #
21)	B Endrin ke...	0.000	7.790	0	7878625	N.D.	0.381 #
23)	Chlordane-1	4.288	5.041	121.2E6	1950.2E6	2113.075	1882.490
24)	Chlordane-2	4.784	5.507	130.8E6	1758.8E6	2334.910	1706.171 #
25)	Chlordane-3	5.347	6.153	673.5E6	6487.1E6	3970.085	1918.506 #
26)	Chlordane-4	5.404	6.229	335.0E6	7379.8E6	2209.844	1898.195
27)	Chlordane-5	6.236	7.028	119.5E6	924.2E6	2037.092	1104.846 #

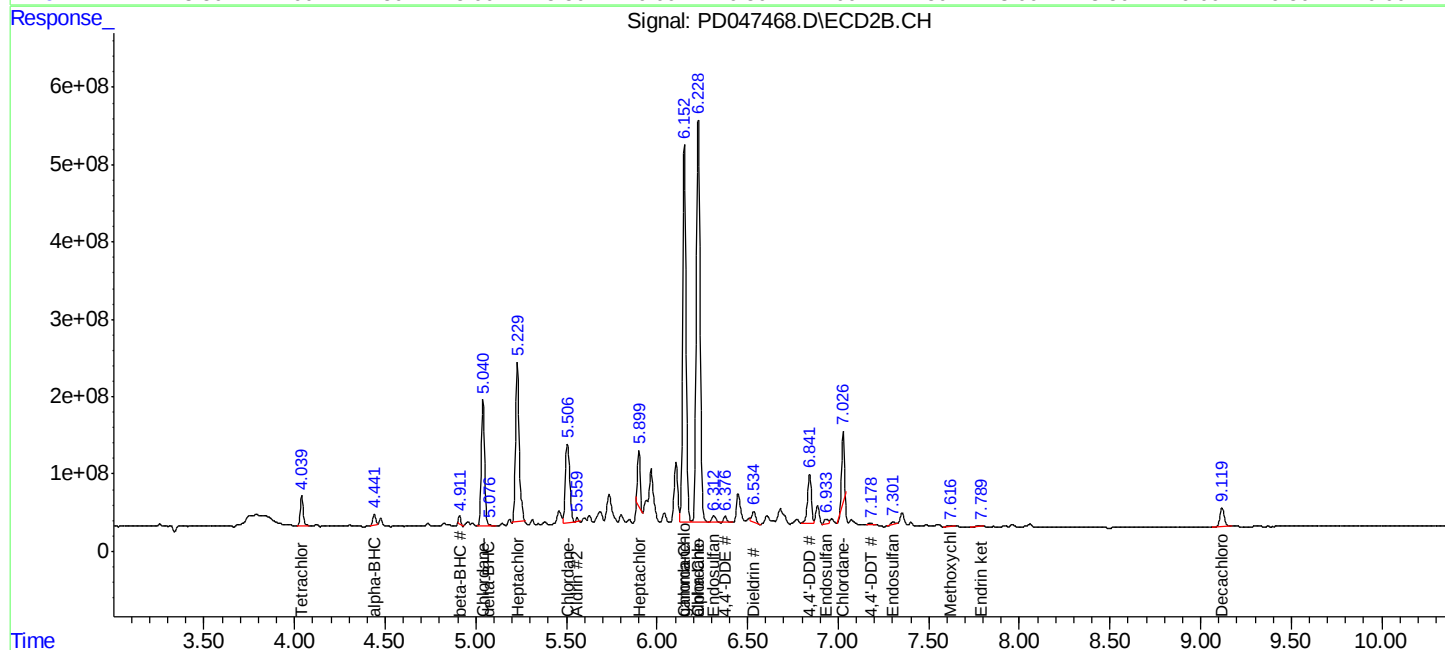
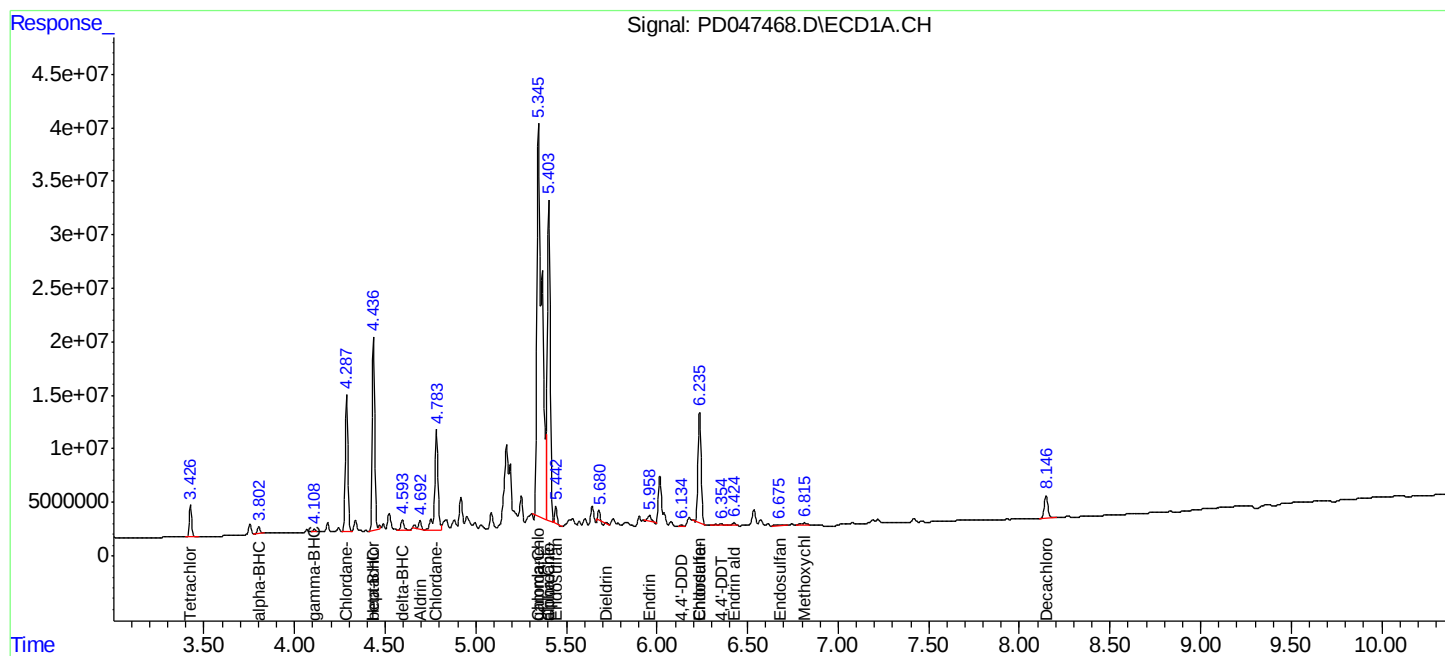
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

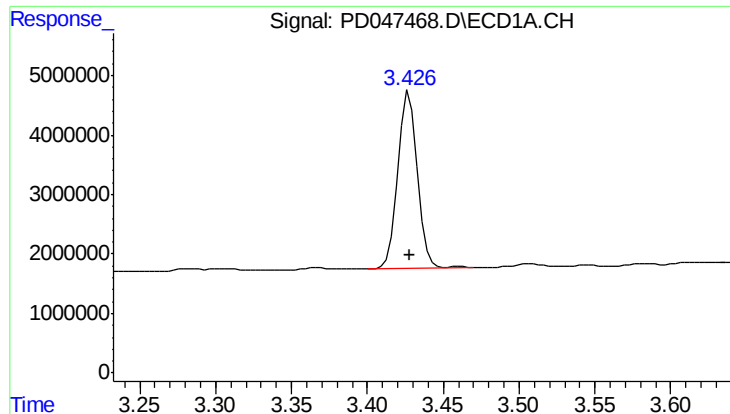
Data Path : P:\HPCHEM1\ECD_D\Data\PD050518\
Data File : PD047468.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 May 2018 3:09
Operator : UA/AJ
Sample : J2604-21
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 04:12:41 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
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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

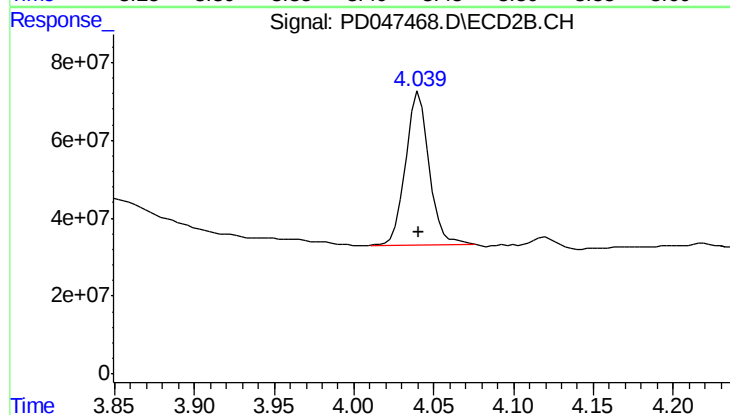




#1 Tetrachloro-m-xylene

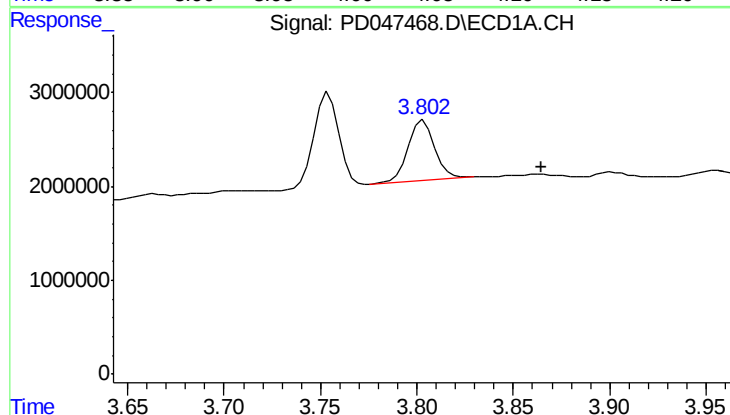
R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 26401637
Conc: 23.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



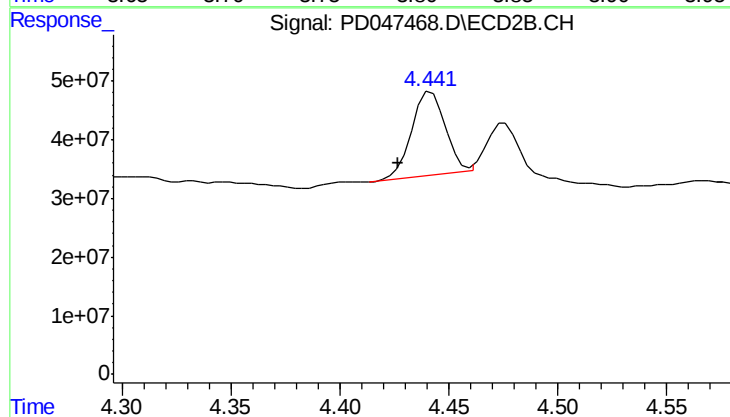
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 407820070
Conc: 21.91 ng/ml



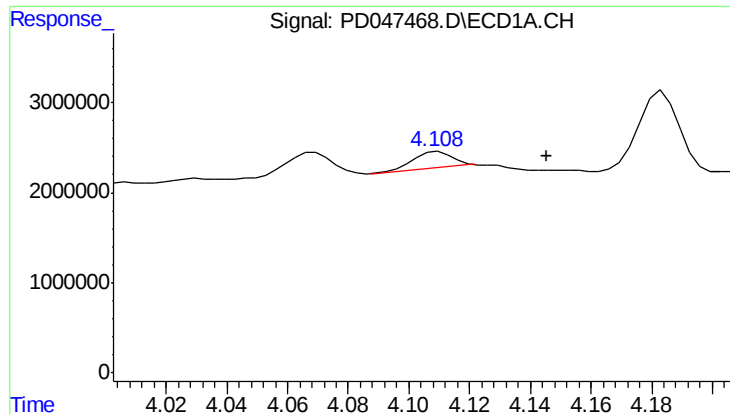
#2 alpha-BHC

R.T.: 3.804 min
Delta R.T.: -0.061 min
Response: 6141435
Conc: 3.16 ng/ml



#2 alpha-BHC

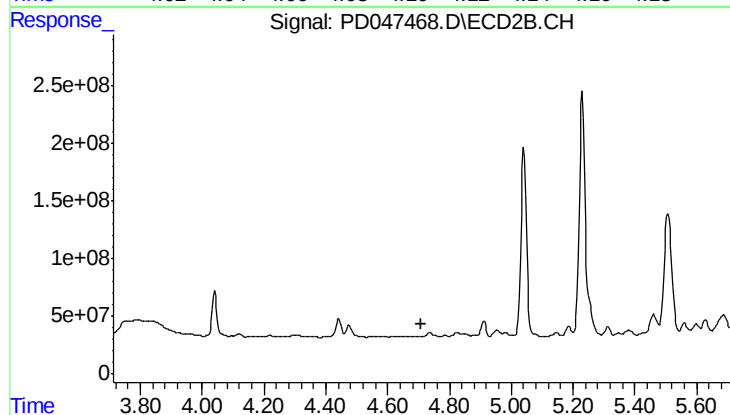
R.T.: 4.442 min
Delta R.T.: 0.015 min
Response: 154617170
Conc: 5.02 ng/ml



#3 gamma-BHC (Lindane)

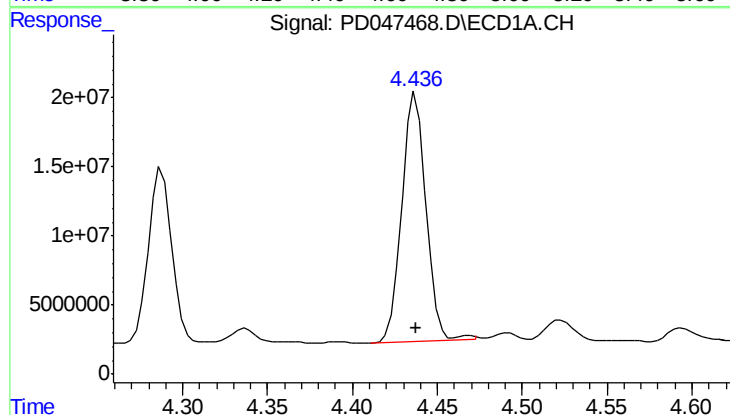
R.T.: 4.110 min
Delta R.T.: -0.036 min
Response: 1653811
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



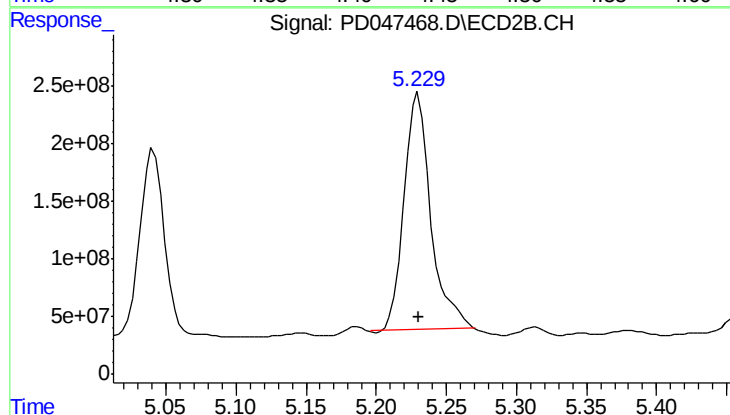
#3 gamma-BHC (Lindane)

R.T.: 4.737 min
Delta R.T.: 0.026 min
Response: -11442424
Conc: N.D.



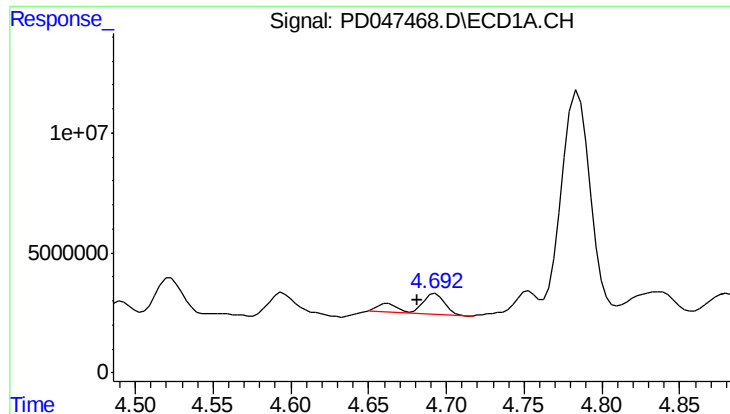
#4 Heptachlor

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 178530562
Conc: 103.56 ng/ml



#4 Heptachlor

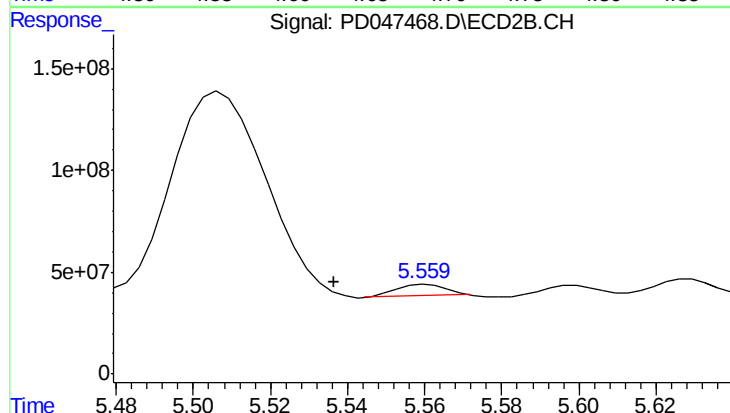
R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 2720280669
Conc: 97.19 ng/ml



#5 Aldrin

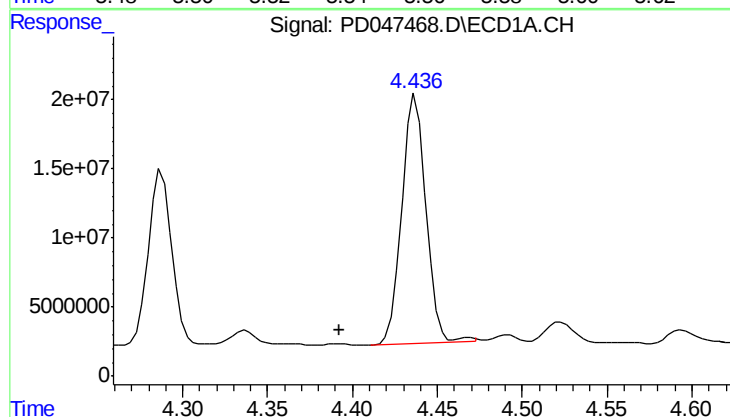
R.T.: 4.693 min
Delta R.T.: 0.012 min
Response: 11381235
Conc: 6.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



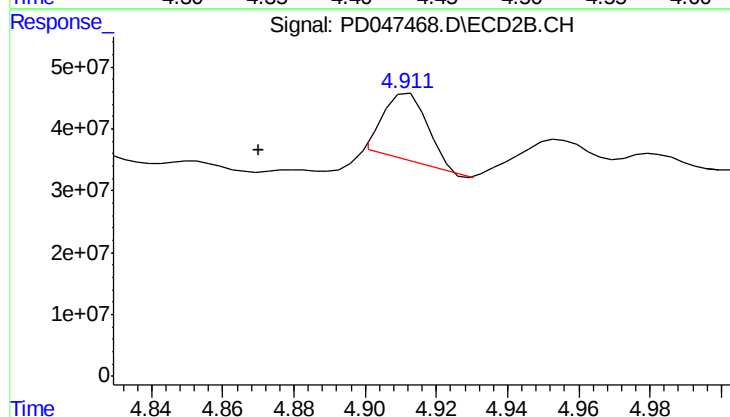
#5 Aldrin

R.T.: 5.560 min
Delta R.T.: 0.024 min
Response: 46240847
Conc: 1.74 ng/ml



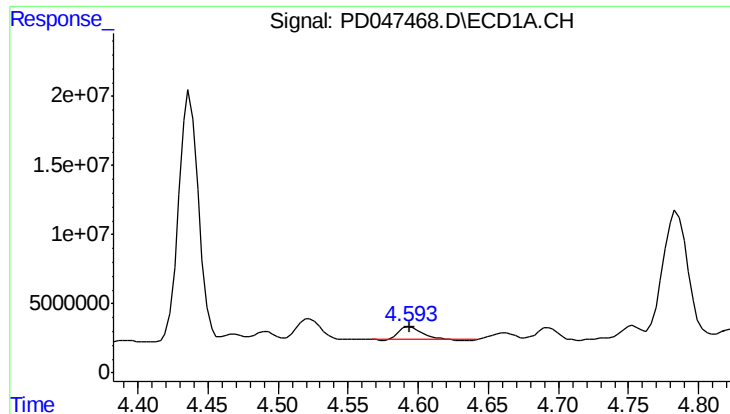
#6 beta-BHC

R.T.: 4.437 min
Delta R.T.: 0.045 min
Response: 178530562
Conc: 242.89 ng/ml



#6 beta-BHC

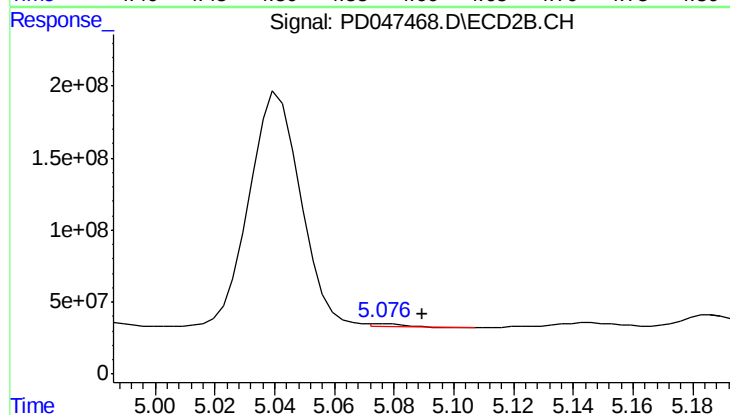
R.T.: 4.912 min
Delta R.T.: 0.042 min
Response: 92694263
Conc: 7.62 ng/ml



#7 delta-BHC

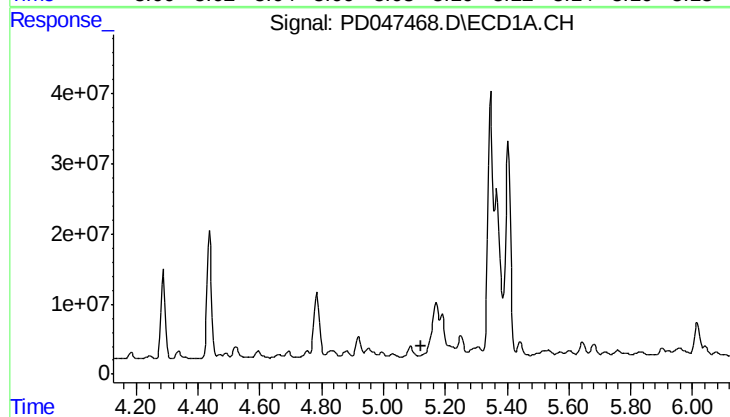
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 10004759
Conc: 5.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



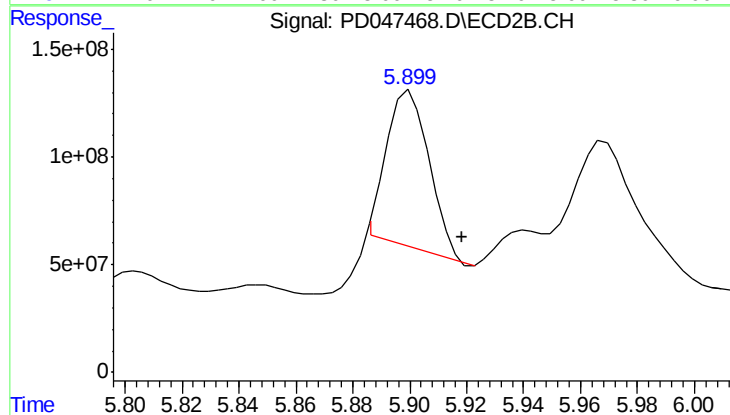
#7 delta-BHC

R.T.: 5.075 min
Delta R.T.: -0.015 min
Response: 18768853
Conc: 0.65 ng/ml



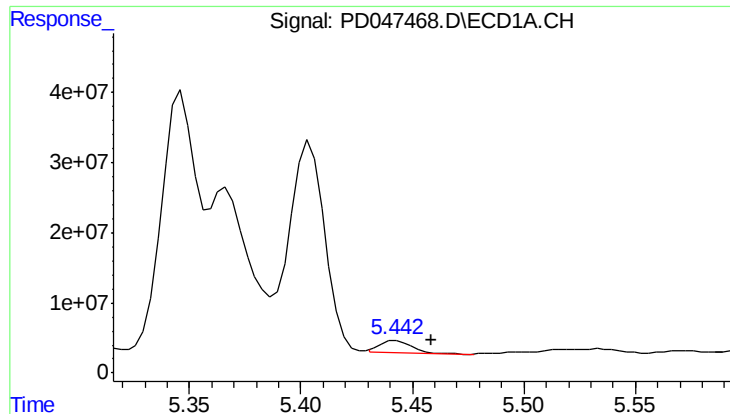
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.123 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

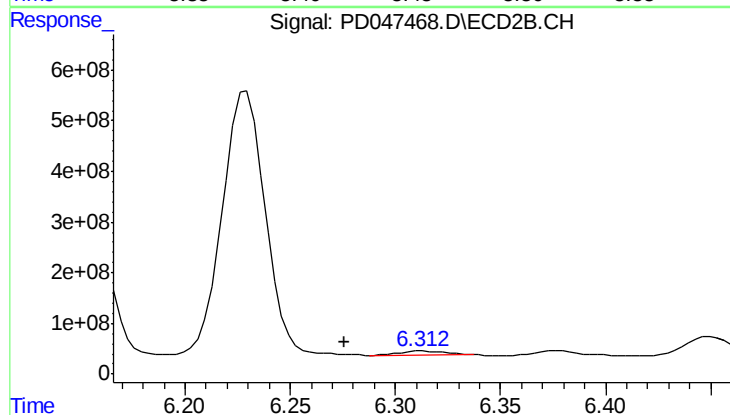
R.T.: 5.900 min
Delta R.T.: -0.018 min
Response: 751613935
Conc: 30.32 ng/ml



#9 Endosulfan I

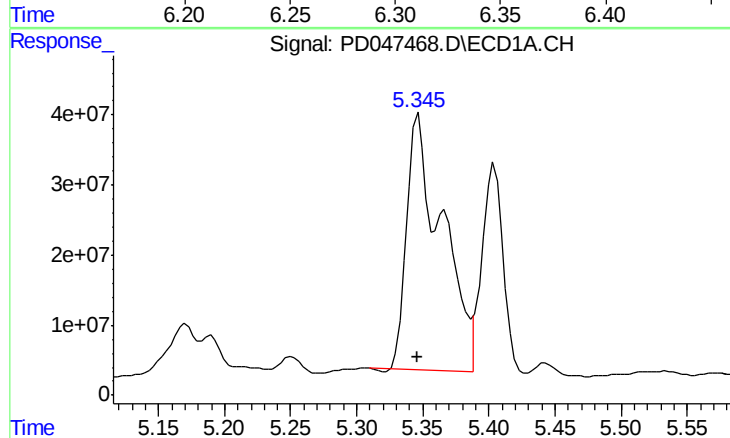
R.T.: 5.443 min
Delta R.T.: -0.015 min
Response: 15548840
Conc: 10.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



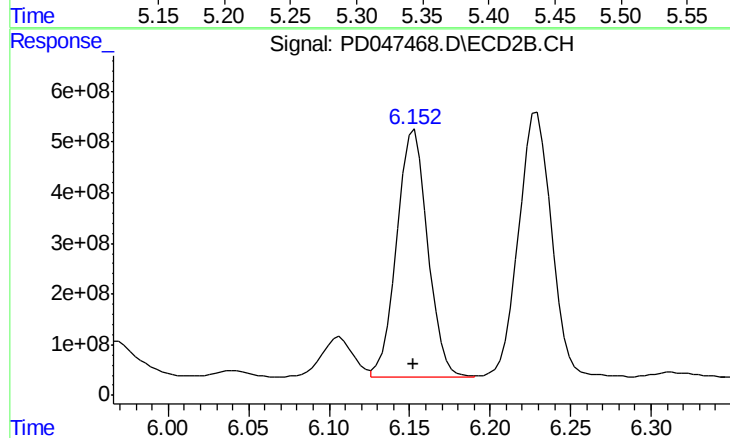
#9 Endosulfan I

R.T.: 6.313 min
Delta R.T.: 0.038 min
Response: 109229559
Conc: 4.85 ng/ml



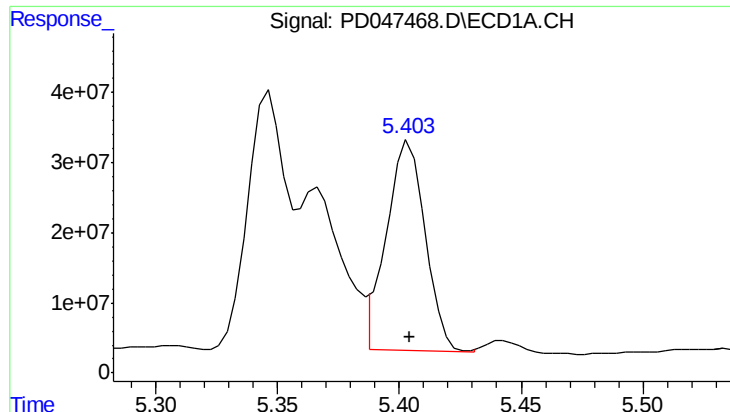
#10 gamma-Chlordane

R.T.: 5.347 min
Delta R.T.: 0.001 min
Response: 673488691
Conc: 430.47 ng/ml



#10 gamma-Chlordane

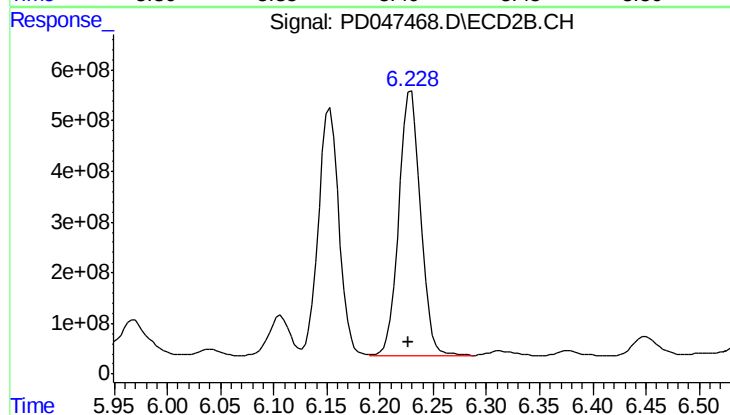
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 6487051821
Conc: 255.93 ng/ml



#11 alpha-Chlordane

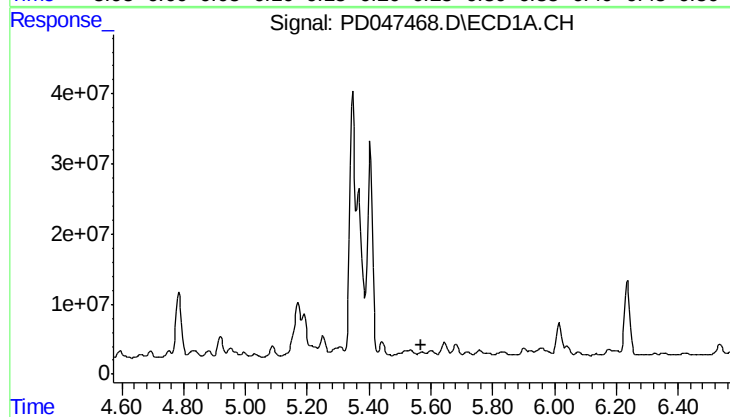
R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 335016516
Conc: 220.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



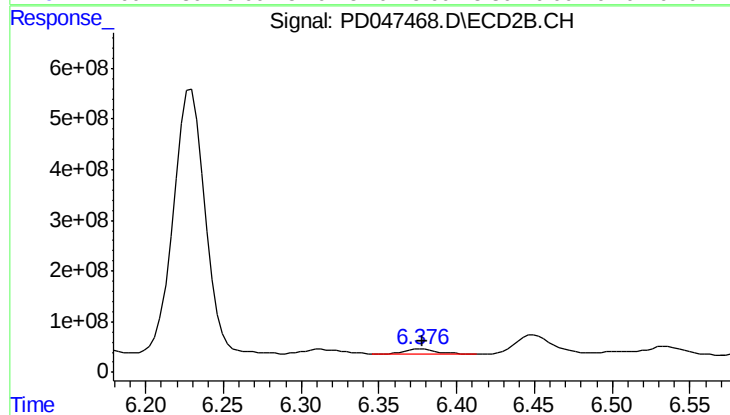
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: 0.002 min
Response: 7379783828
Conc: 301.09 ng/ml



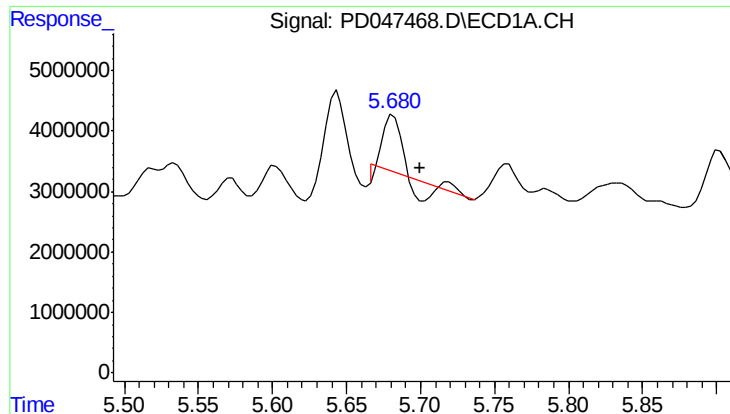
#12 4,4'-DDE

R.T.: 5.572 min
Delta R.T.: 0.001 min
Response: -3368474
Conc: N.D.



#12 4,4'-DDE

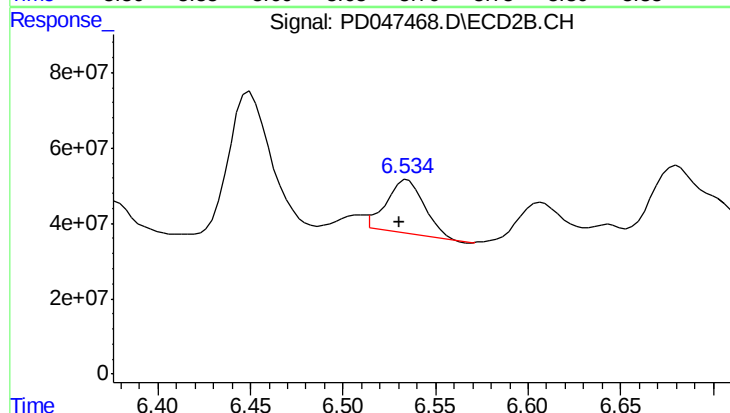
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 113630099
Conc: 4.68 ng/ml



#13 Dielddrin

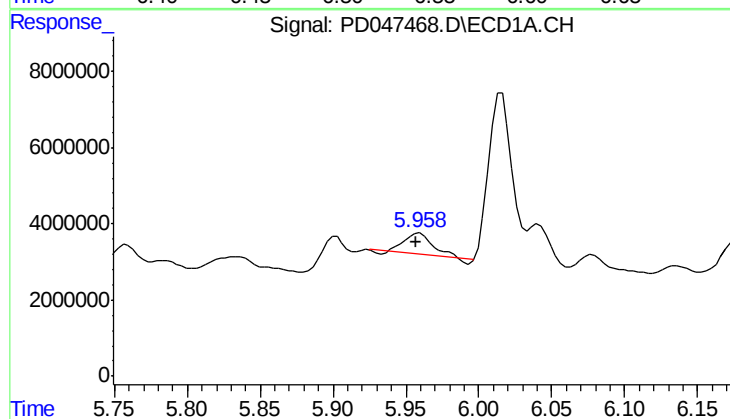
R.T.: 5.719 min
Delta R.T.: 0.019 min
Response: 907771
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



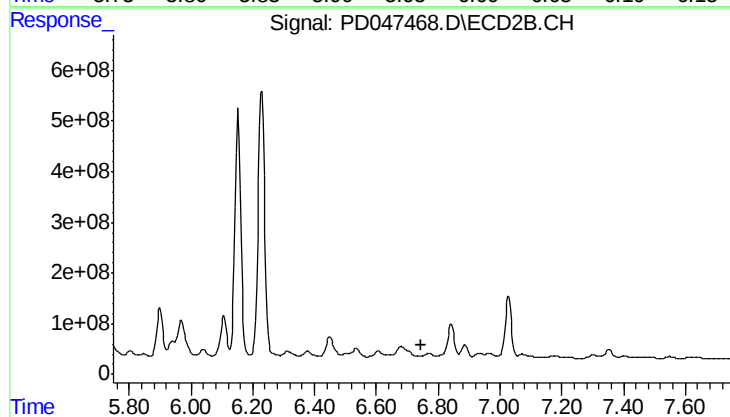
#13 Dielddrin

R.T.: 6.535 min
Delta R.T.: 0.004 min
Response: 197658567
Conc: 8.03 ng/ml



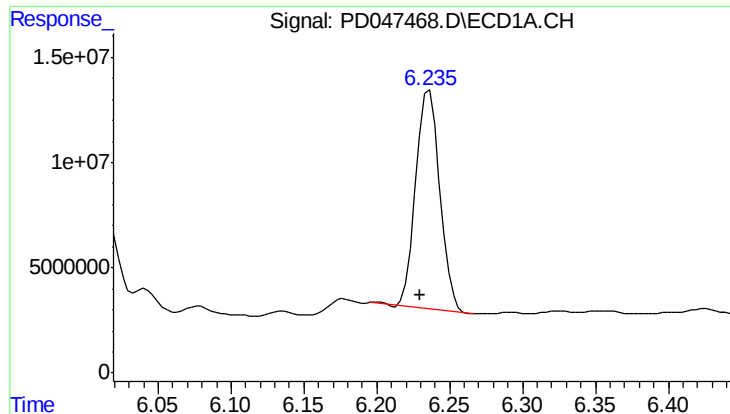
#14 Endrin

R.T.: 5.959 min
Delta R.T.: 0.002 min
Response: 6602461
Conc: 4.38 ng/ml



#14 Endrin

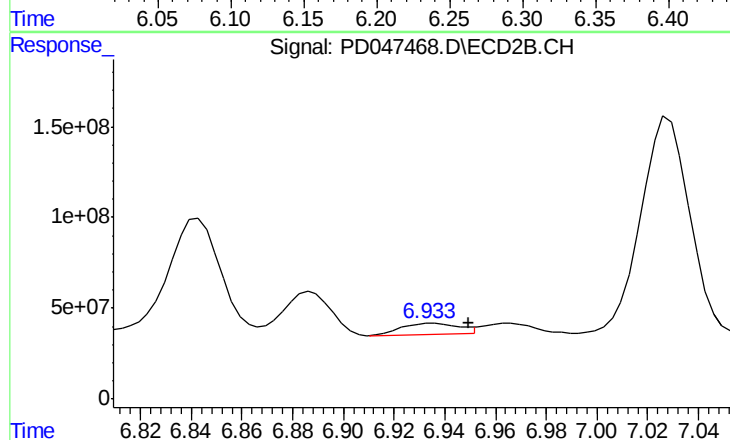
R.T.: 6.772 min
Delta R.T.: 0.025 min
Response: -82481694
Conc: N.D.



#15 Endosulfan II

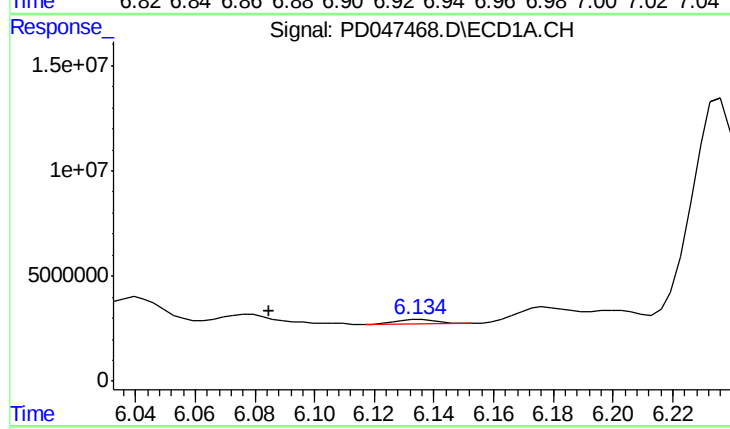
R.T.: 6.236 min
Delta R.T.: 0.007 min
Response: 119493094
Conc: 82.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



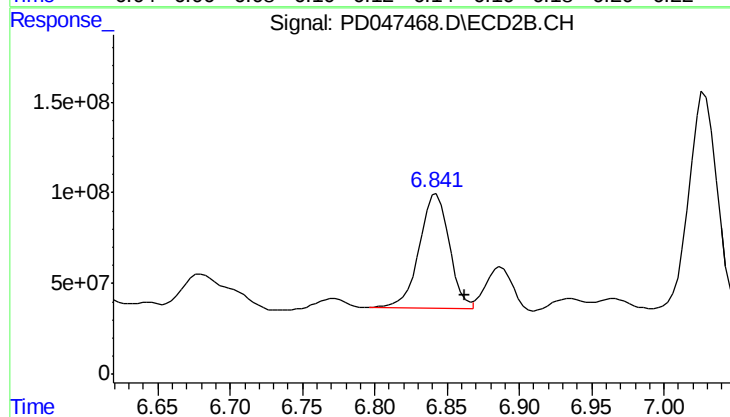
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: -0.014 min
Response: 98324486
Conc: 4.64 ng/ml



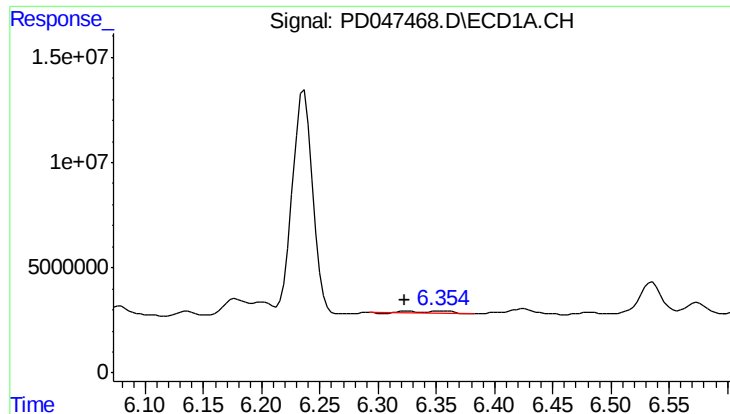
#16 4,4'-DDD

R.T.: 6.136 min
Delta R.T.: 0.051 min
Response: 1933770
Conc: 1.48 ng/ml



#16 4,4'-DDD

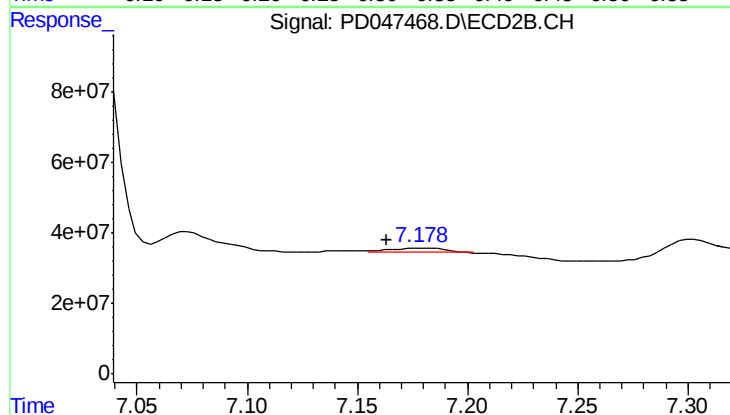
R.T.: 6.843 min
Delta R.T.: -0.020 min
Response: 915311250
Conc: 45.97 ng/ml



#17 4,4'-DDT

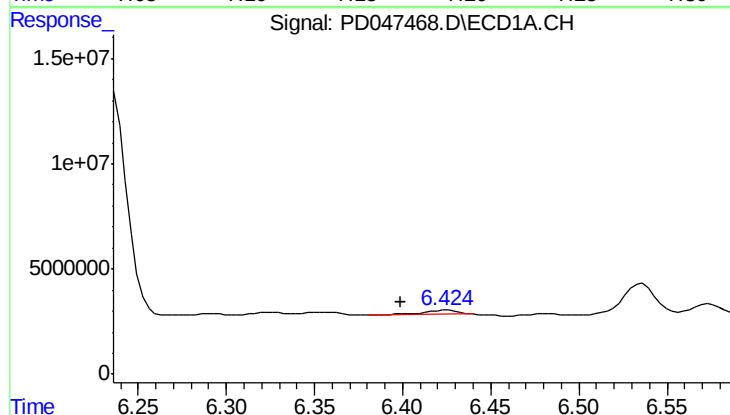
R.T.: 6.355 min
Delta R.T.: 0.032 min
Response: 2006978
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



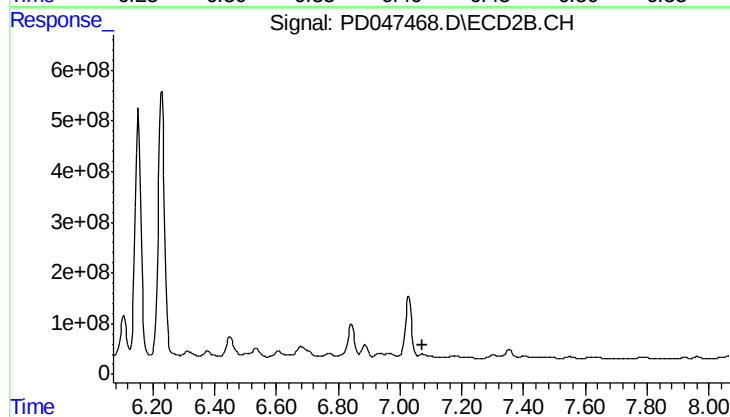
#17 4,4'-DDT

R.T.: 7.179 min
Delta R.T.: 0.016 min
Response: 22188034
Conc: 1.13 ng/ml



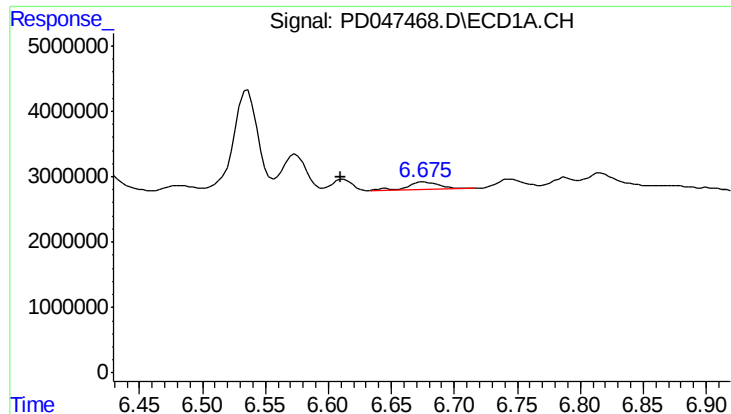
#18 Endrin aldehyde

R.T.: 6.425 min
Delta R.T.: 0.026 min
Response: 2457621
Conc: 2.12 ng/ml



#18 Endrin aldehyde

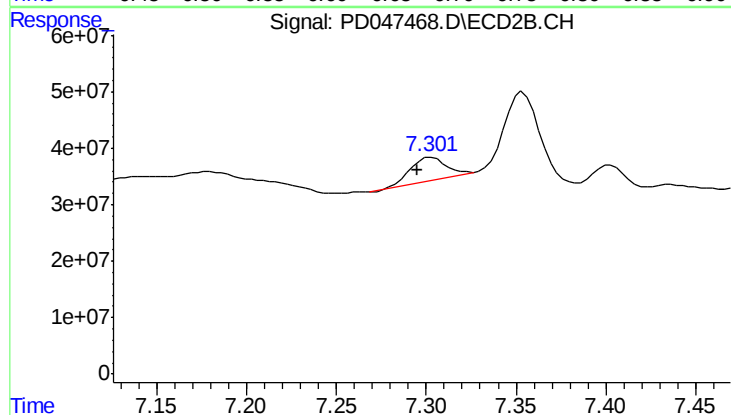
R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: -398485112
Conc: N.D.



#19 Endosulfan Sulfate

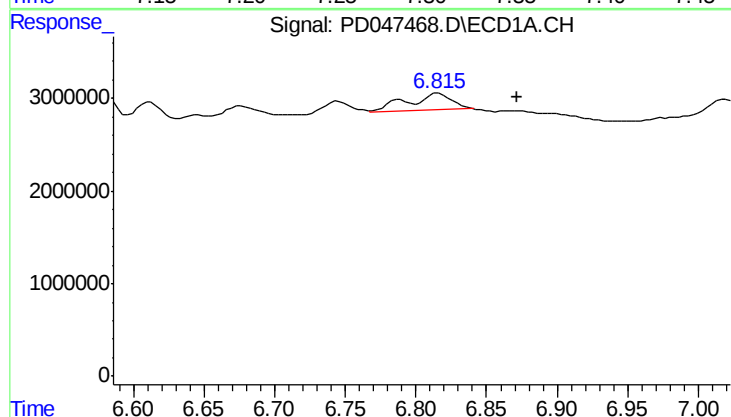
R.T.: 6.677 min
Delta R.T.: 0.068 min
Response: 2116312
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



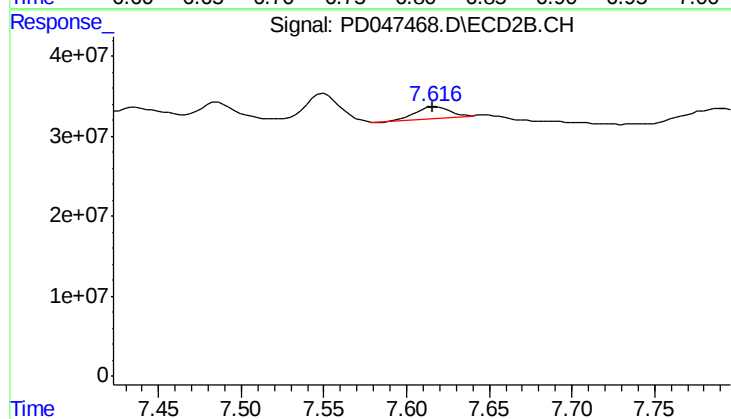
#19 Endosulfan Sulfate

R.T.: 7.303 min
Delta R.T.: 0.008 min
Response: 55847716
Conc: 2.68 ng/ml



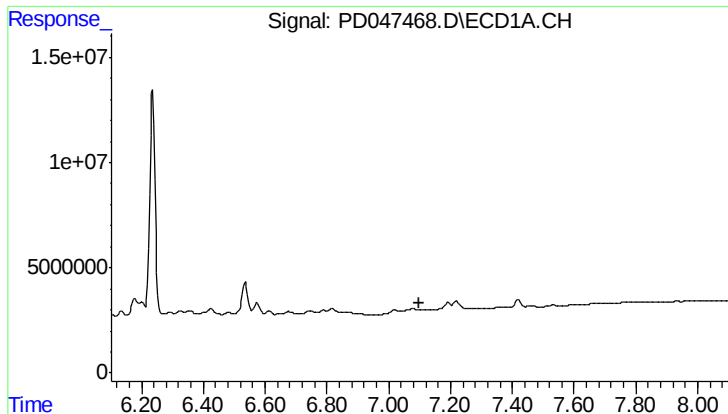
#20 Methoxychlor

R.T.: 6.816 min
Delta R.T.: -0.055 min
Response: 3483227
Conc: 4.66 ng/ml



#20 Methoxychlor

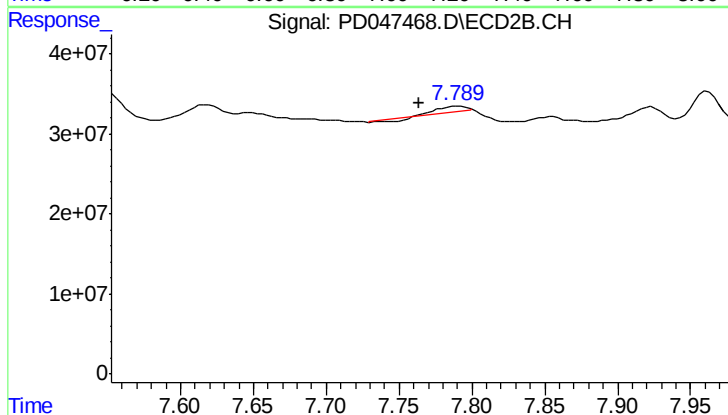
R.T.: 7.618 min
Delta R.T.: 0.002 min
Response: 17970655
Conc: 1.77 ng/ml



#21 Endrin ketone

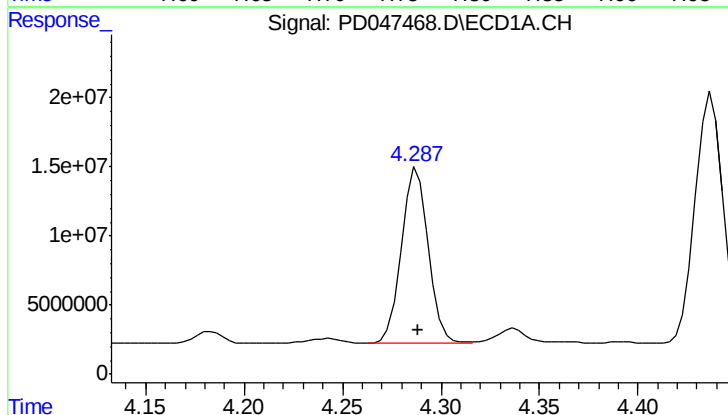
R.T.: 0.000 min
Exp R.T.: 7.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



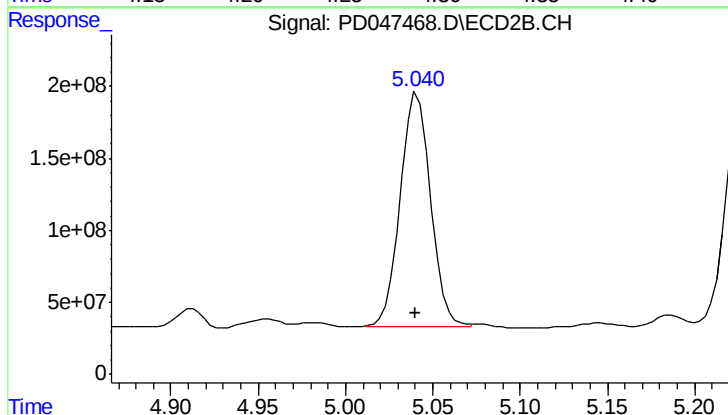
#21 Endrin ketone

R.T.: 7.790 min
Delta R.T.: 0.026 min
Response: 7878625
Conc: 0.38 ng/ml



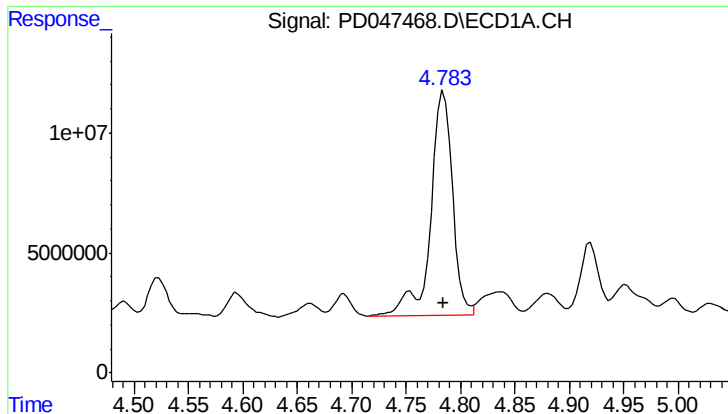
#23 Chlordane-1

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 121200346
Conc: 2113.08 ng/ml



#23 Chlordane-1

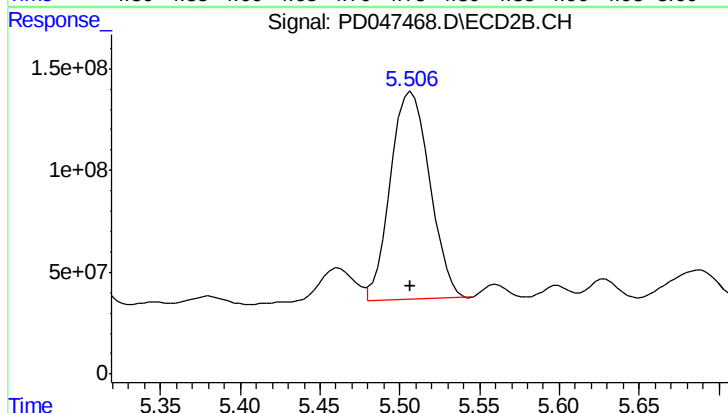
R.T.: 5.041 min
Delta R.T.: 0.001 min
Response: 1950245759
Conc: 1882.49 ng/ml



#24 Chlordane-2

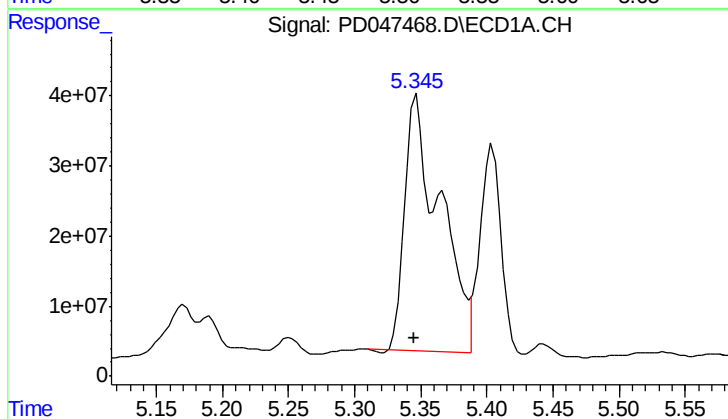
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 130751820
Conc: 2334.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



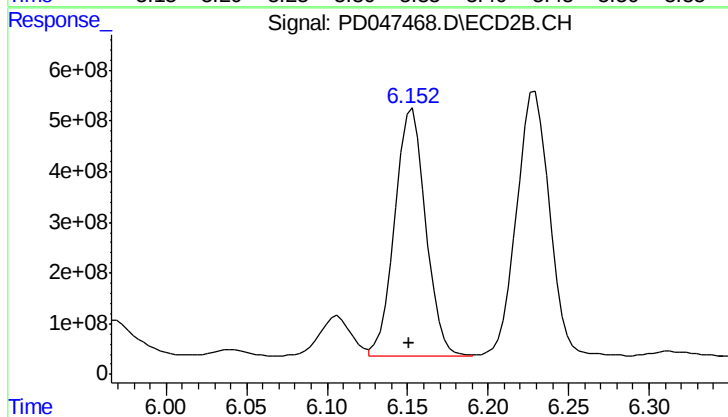
#24 Chlordane-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1758826005
Conc: 1706.17 ng/ml



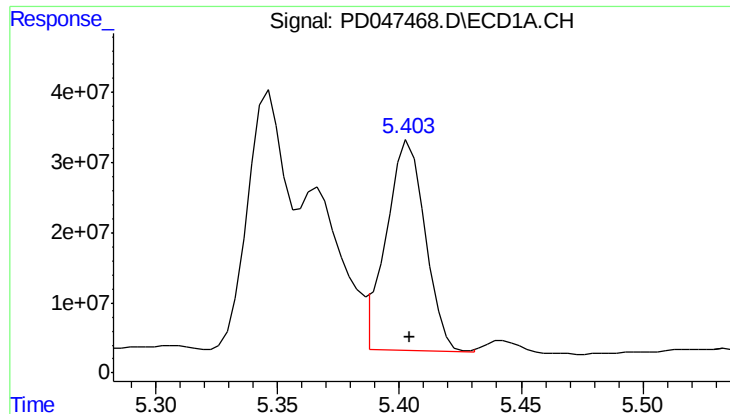
#25 Chlordane-3

R.T.: 5.347 min
Delta R.T.: 0.003 min
Response: 673488691
Conc: 3970.08 ng/ml



#25 Chlordane-3

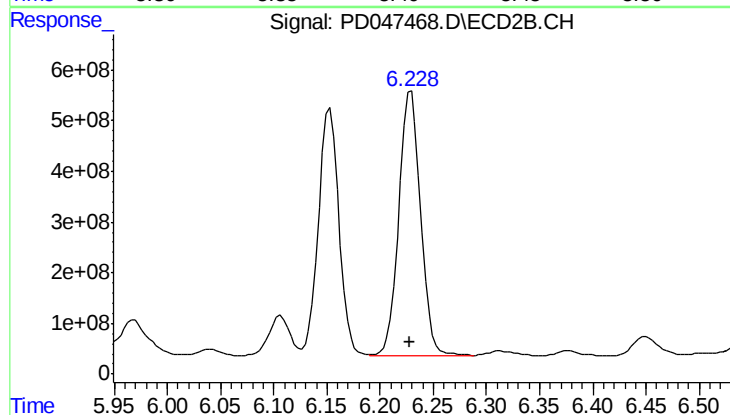
R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 6487051821
Conc: 1918.51 ng/ml



#26 Chlordane-4

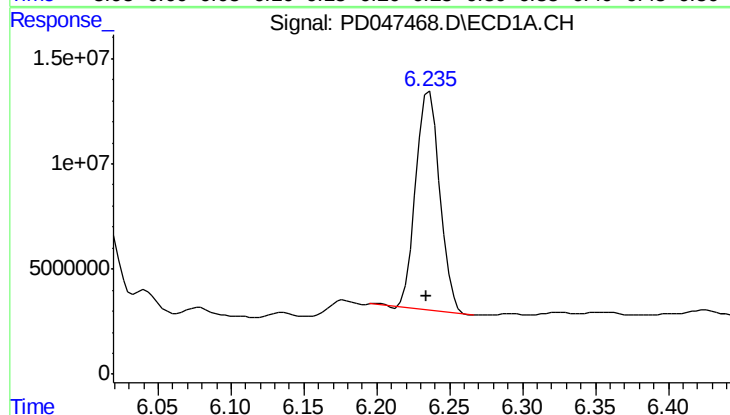
R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 335016516
Conc: 2209.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



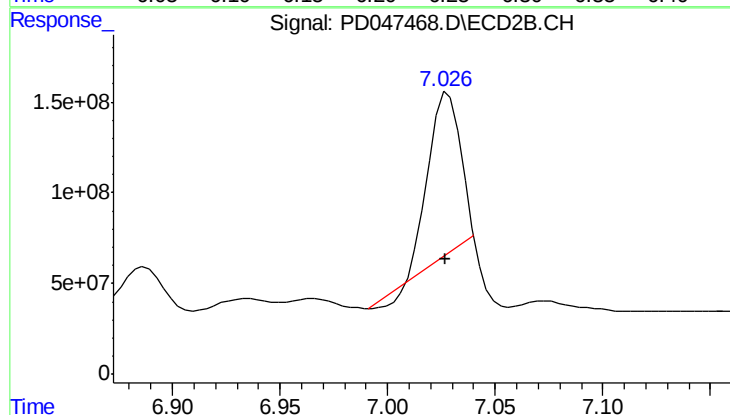
#26 Chlordane-4

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 7379783828
Conc: 1898.19 ng/ml



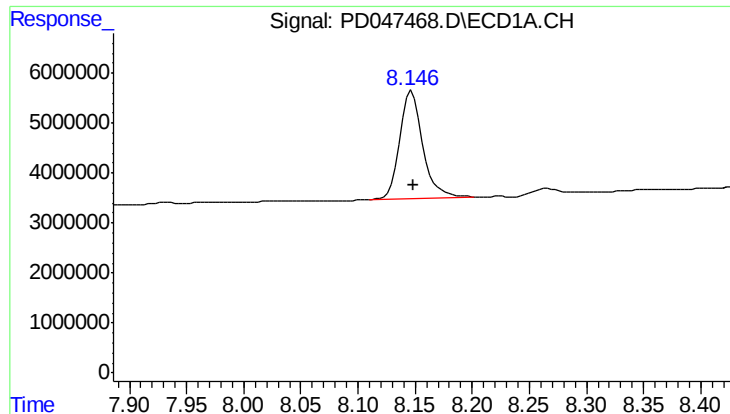
#27 Chlordane-5

R.T.: 6.236 min
Delta R.T.: 0.002 min
Response: 119493094
Conc: 2037.09 ng/ml



#27 Chlordane-5

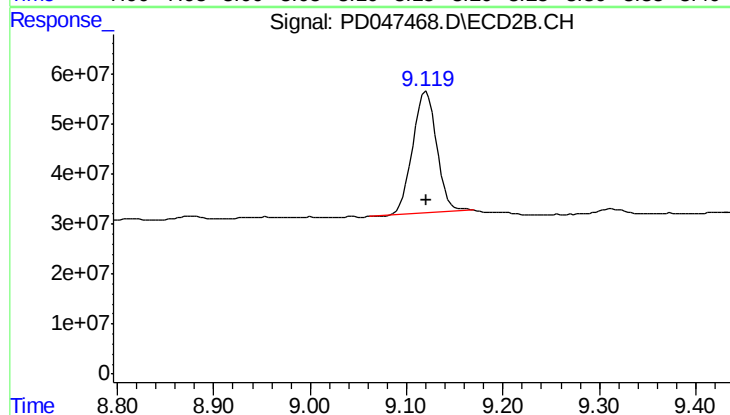
R.T.: 7.028 min
Delta R.T.: 0.001 min
Response: 924177406
Conc: 1104.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 29850425
Conc: 23.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.000 min
Response: 421987427
Conc: 21.09 ng/ml