

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
 Data File : PD068171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2022 13:11
 Operator : AR\AJ
 Sample : N1650-1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:03:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 13:16:10 2022
 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...	3.457	4.176	16521647	114.2E6	11.349	12.349
28)	SA Decachlor...	8.221	9.374	16019491	67400714	11.179	13.539
Target Compounds							
2)	A alpha-BHC	0.000	4.601f	0	42177837	N.D.	3.191 #
3)	MA gamma-BHC...	0.000	4.855	0	282844	N.D.	0.024 #
4)	MA Heptachlor	4.480	5.391	233297	650380	0.120	0.064 #
5)	MB Aldrin	4.735	5.715	299306	3312673	0.138	0.288 #
7)	B delta-BHC	0.000	5.264	0	269962	N.D.	0.023 #
8)	B Heptachlo...	5.196f	6.076	49849	11821190	0.026	1.171 #
9)	A Endosulfan I	5.532f	0.000	119942	0	0.067	N.D. #
10)	B gamma-Chl...	5.372f	6.333	1261651	9250769	0.634	0.943 #
11)	B alpha-Chl...	5.459	6.405	1632794	11879842	0.835	1.240 #
12)	B 4,4'-DDE	5.626	6.553	5286169	33457379	2.902	3.703 #
13)	MA Dieldrin	5.751	6.698	3613591	6312530	1.822	0.656 #
14)	MA Endrin	6.018	6.917	1000966	5518789	0.610	0.770 #
15)	B Endosulfa...	6.275	7.126	977326	2188526	0.581	0.287 #
16)	A 4,4'-DDD	6.143	7.053	498415	11871272	0.325	1.694 #
17)	MA 4,4'-DDT	6.382	7.347	7995582	22507423	5.812	3.970 #
18)	B Endrin al...	6.473f	7.276f	1238464	2267773	1.122	0.438 #
19)	B Endosulfa...	6.668	7.458f	1539946	3049536	0.979	0.446 #
20)	A Methoxychlor	6.912f	7.802	4561314	-959024	5.862	N.D. #
21)	B Endrin ke...	7.189f	7.966	751120	2213379	0.420	0.308 #
22)	Mirex	7.348	8.442f	133219	5652967	0.093	1.128 #
23)	Chlordane-1	4.329	5.198	457425	2241486	7.538	5.354 #
24)	Chlordane-2	4.832	5.670	445215	4506630	6.328	10.929 #
25)	Chlordane-3	5.372f	6.333	1261651	9250769	6.055	6.373
26)	Chlordane-4	5.459	6.405	1632794	11879842	9.285	7.127
27)	Chlordane-5	6.275	7.227	977326	-2877988	14.803	N.D. #

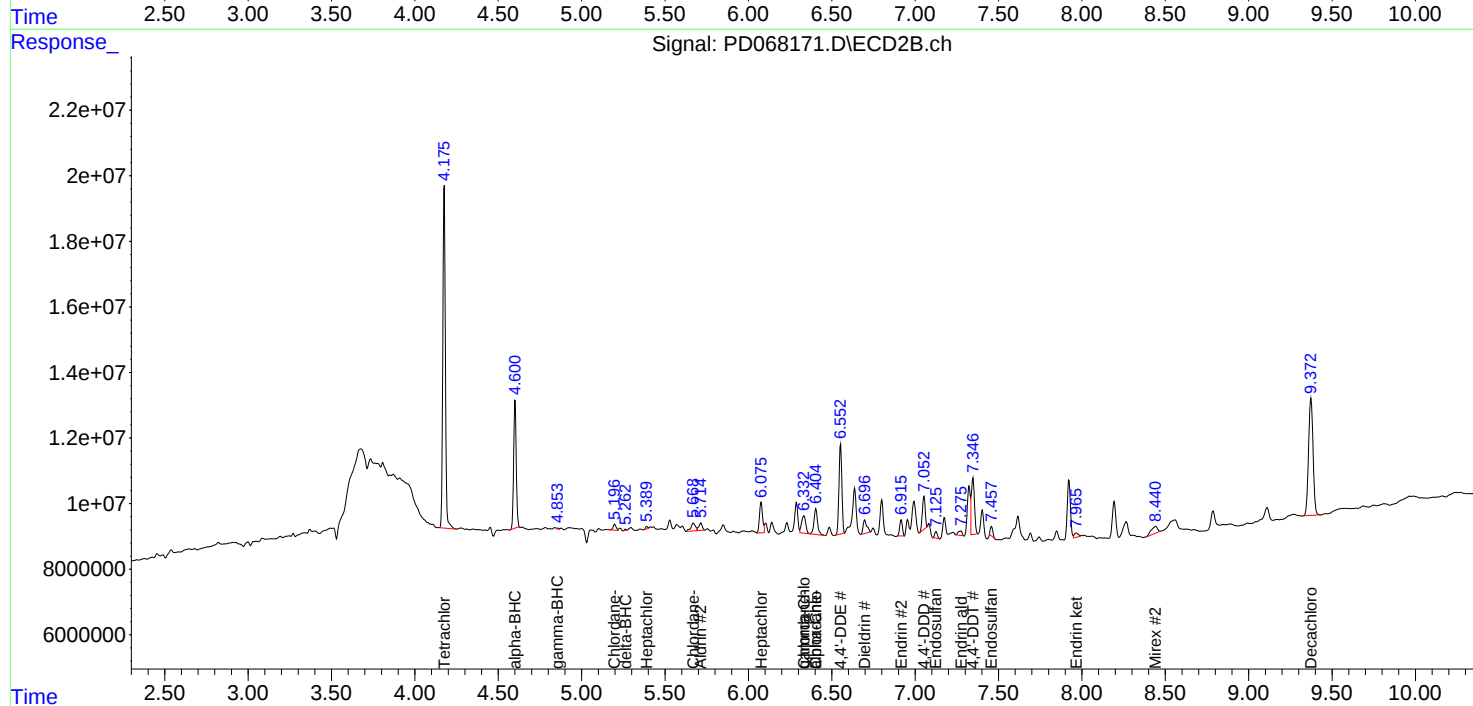
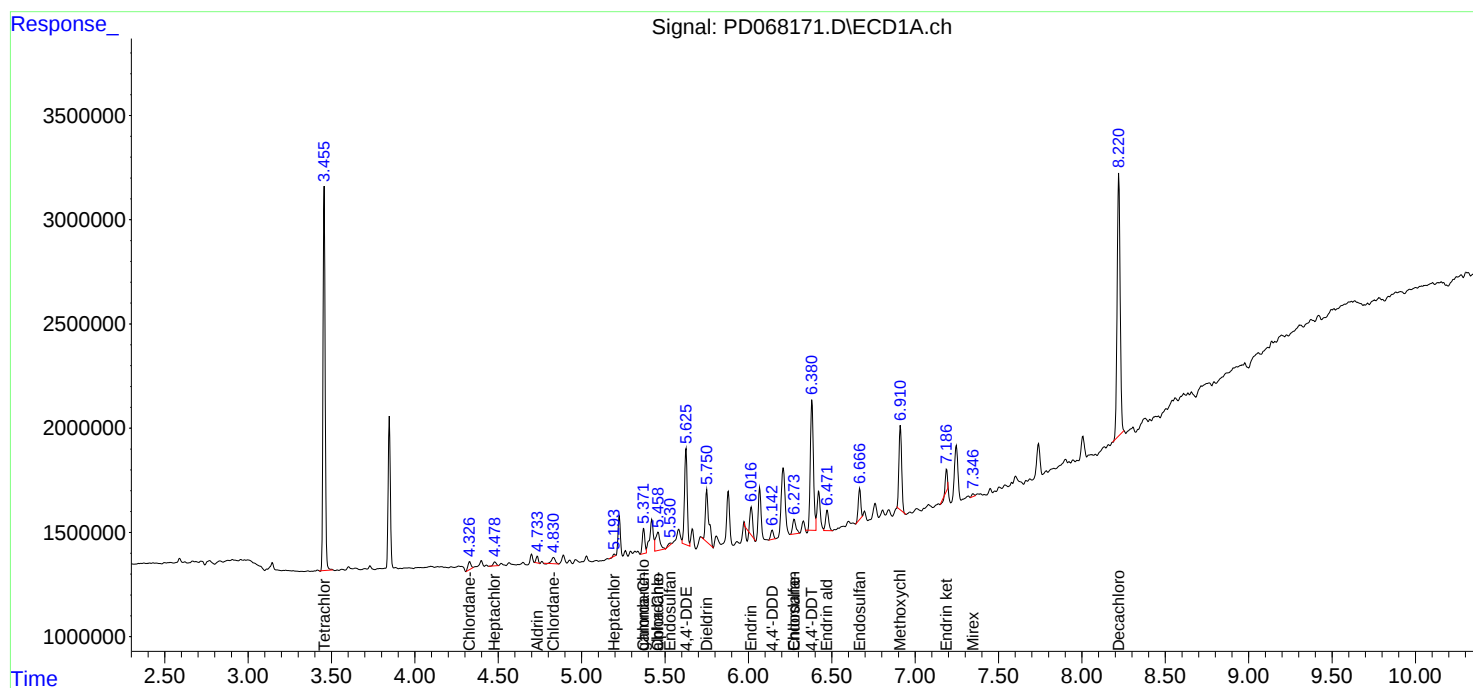
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

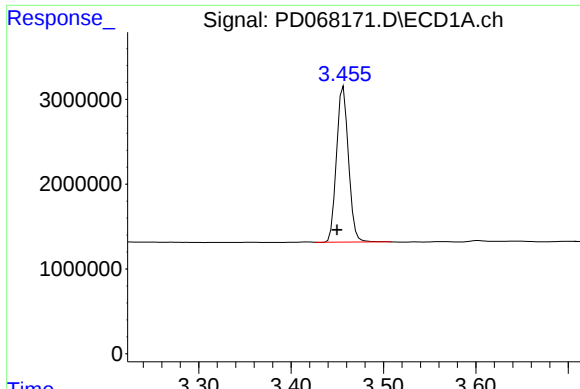
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
Data File : PD068171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2022 13:11
Operator : AR\AJ
Sample : N1650-1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:18 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
Quant Title : GC Extractables
QLast Update : Tue Feb 22 13:16:10 2022
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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

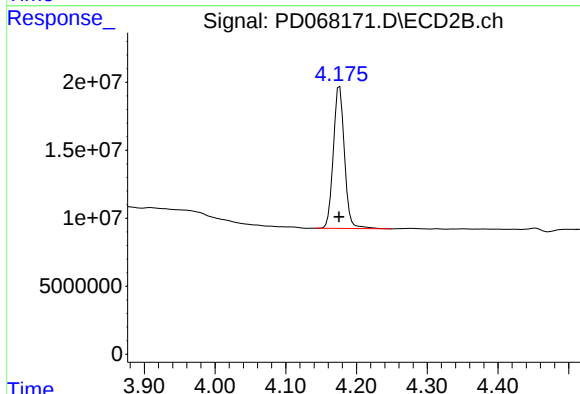




#1 Tetrachloro-m-xylene

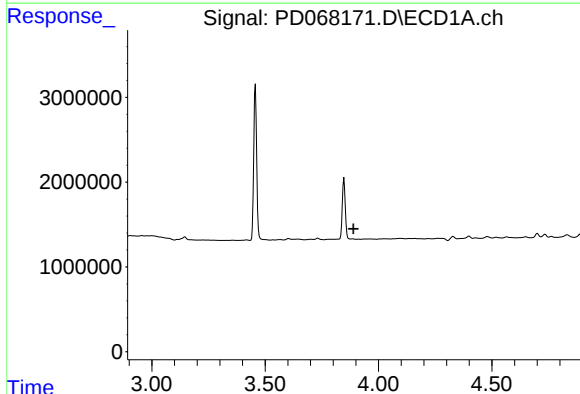
R.T.: 3.457 min
Delta R.T.: 0.007 min
Response: 16521647
Conc: 11.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



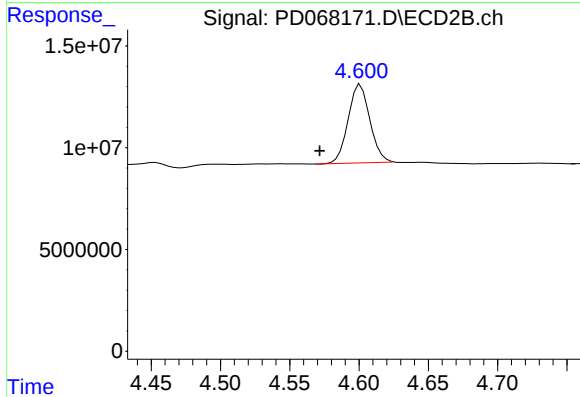
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 114198817
Conc: 12.35 ng/ml



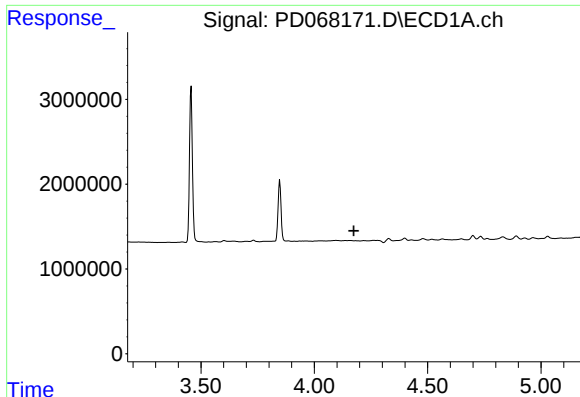
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.890 min
Response: 0
Conc: N.D.



#2 alpha-BHC

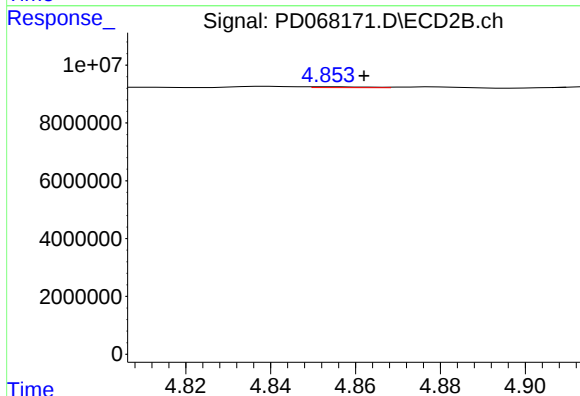
R.T.: 4.601 min
Delta R.T.: 0.030 min
Response: 42177837
Conc: 3.19 ng/ml



#3 gamma-BHC (Lindane)

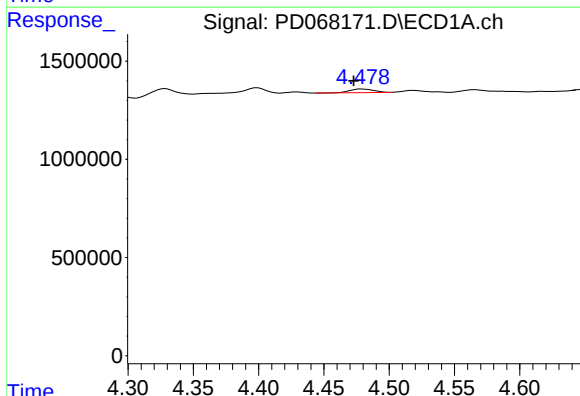
R.T.: 0.000 min
Exp R.T.: 4.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



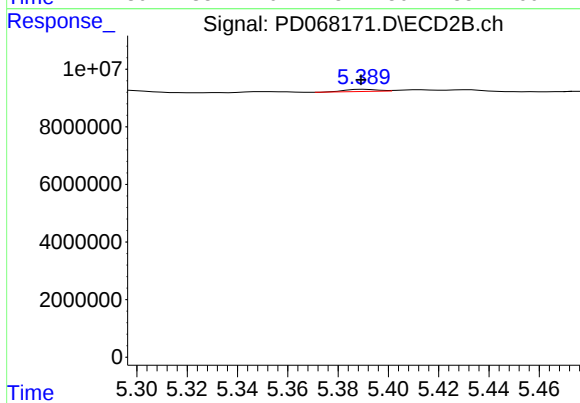
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: -0.007 min
Response: 282844
Conc: 0.02 ng/ml



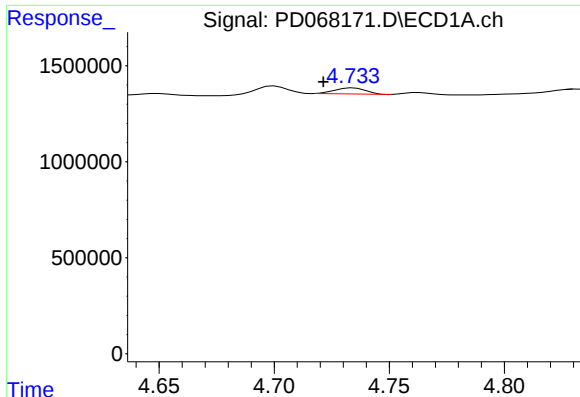
#4 Heptachlor

R.T.: 4.480 min
Delta R.T.: 0.007 min
Response: 233297
Conc: 0.12 ng/ml



#4 Heptachlor

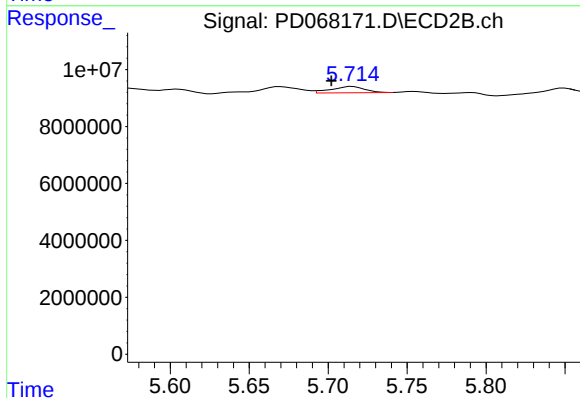
R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 650380
Conc: 0.06 ng/ml



#5 Aldrin

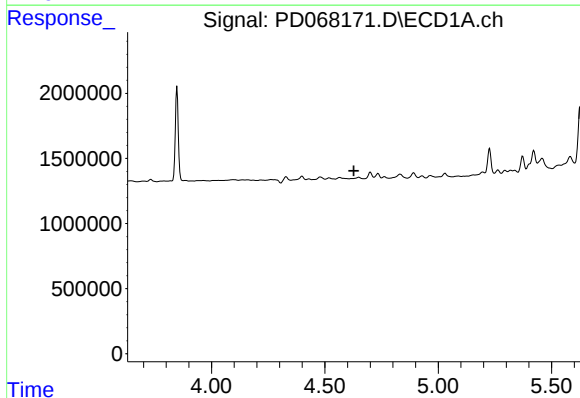
R.T.: 4.735 min
Delta R.T.: 0.013 min
Response: 299306
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



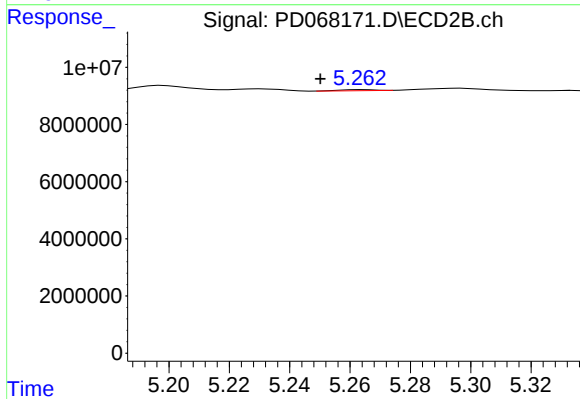
#5 Aldrin

R.T.: 5.715 min
Delta R.T.: 0.013 min
Response: 3312673
Conc: 0.29 ng/ml



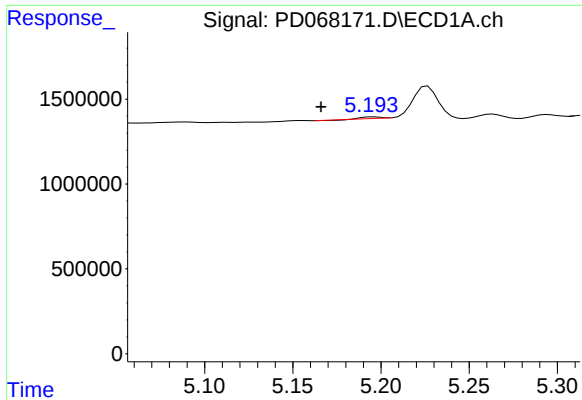
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.628 min
Response: 0
Conc: N.D.



#7 delta-BHC

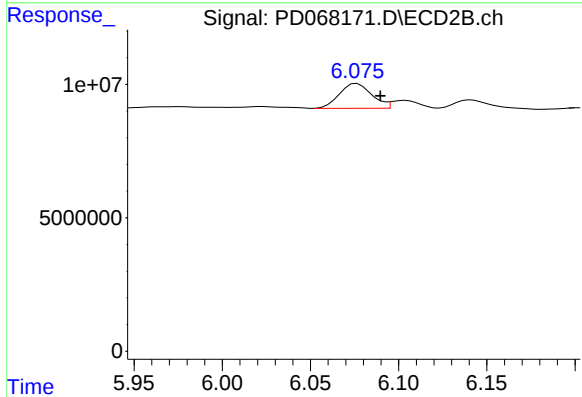
R.T.: 5.264 min
Delta R.T.: 0.014 min
Response: 269962
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

R.T.: 5.196 min
Delta R.T.: 0.030 min
Response: 49849
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



#8 Heptachlor epoxide

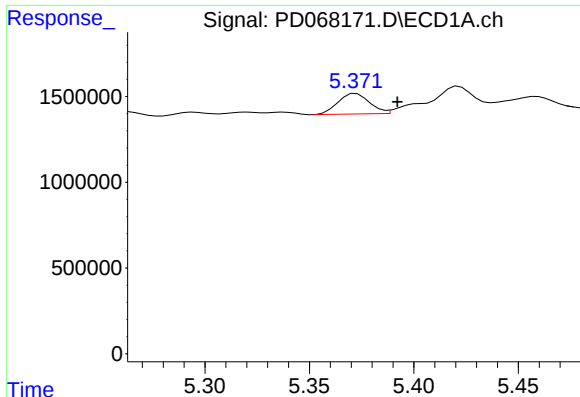
R.T.: 6.076 min
Delta R.T.: -0.013 min
Response: 11821190
Conc: 1.17 ng/ml

#9 Endosulfan I

R.T.: 5.532 min
Delta R.T.: 0.027 min
Response: 119942
Conc: 0.07 ng/ml

#9 Endosulfan I

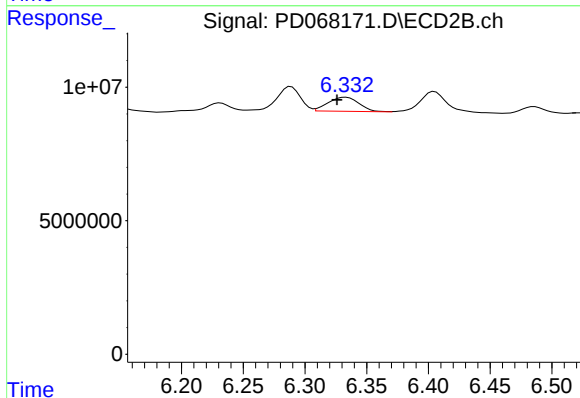
R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

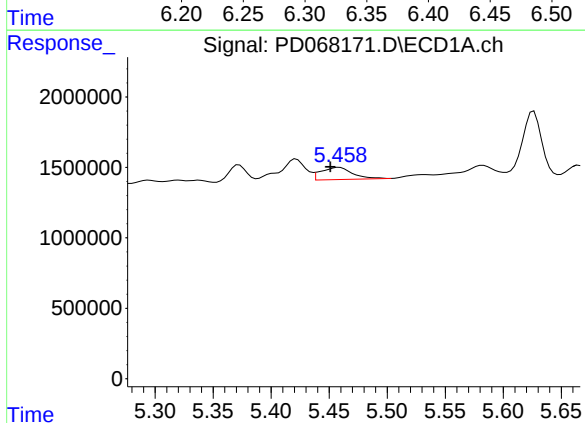
R.T.: 5.372 min
Delta R.T.: -0.020 min
Response: 1261651
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



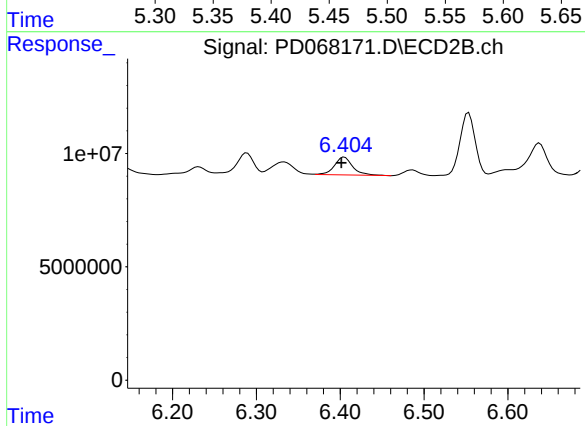
#10 gamma-Chlordane

R.T.: 6.333 min
Delta R.T.: 0.007 min
Response: 9250769
Conc: 0.94 ng/ml



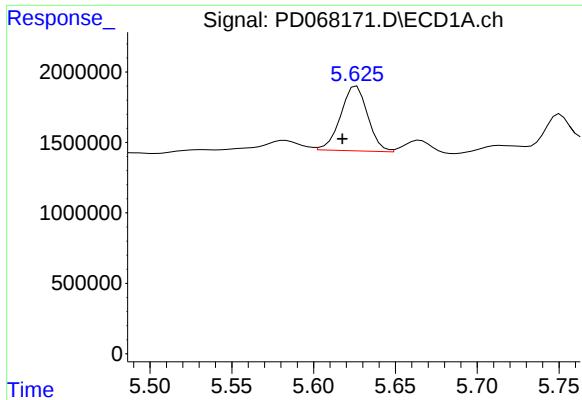
#11 alpha-Chlordane

R.T.: 5.459 min
Delta R.T.: 0.008 min
Response: 1632794
Conc: 0.84 ng/ml



#11 alpha-Chlordane

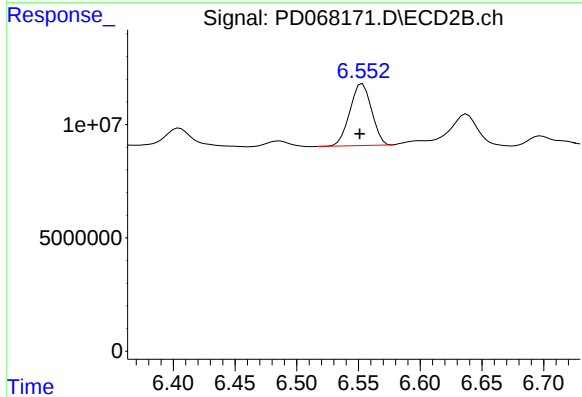
R.T.: 6.405 min
Delta R.T.: 0.004 min
Response: 11879842
Conc: 1.24 ng/ml



#12 4,4'-DDE

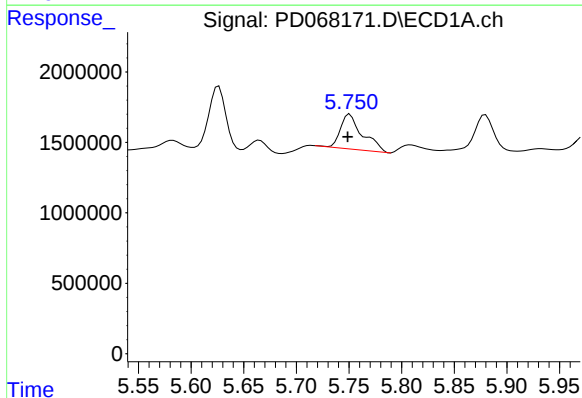
R.T.: 5.626 min
Delta R.T.: 0.009 min
Response: 5286169
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
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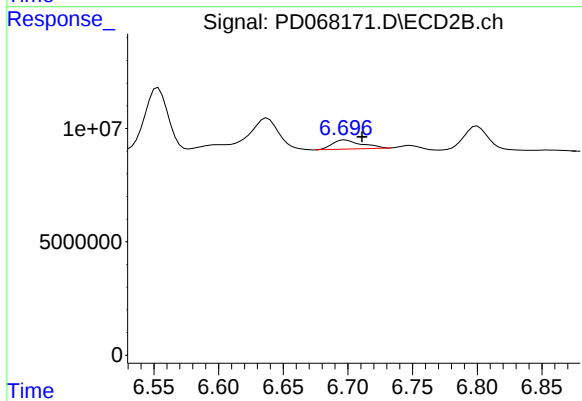
#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.002 min
Response: 33457379
Conc: 3.70 ng/ml



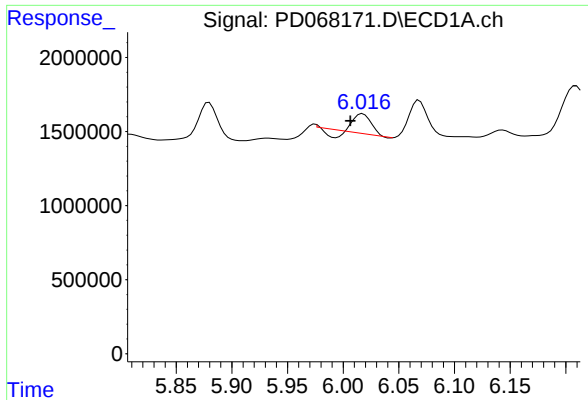
#13 Dieldrin

R.T.: 5.751 min
Delta R.T.: 0.002 min
Response: 3613591
Conc: 1.82 ng/ml



#13 Dieldrin

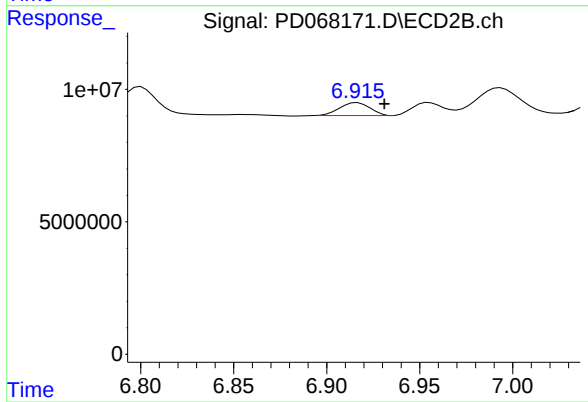
R.T.: 6.698 min
Delta R.T.: -0.013 min
Response: 6312530
Conc: 0.66 ng/ml



#14 Endrin

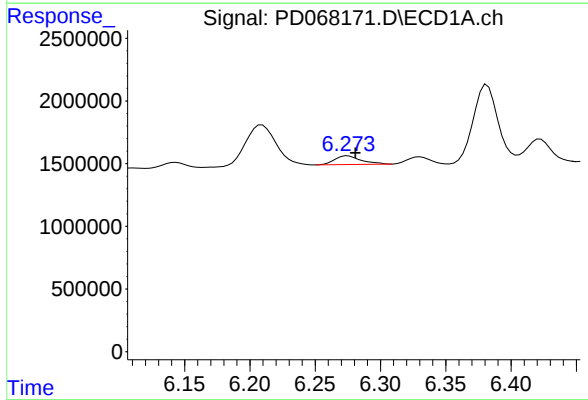
R.T.: 6.018 min
Delta R.T.: 0.011 min
Response: 1000966
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



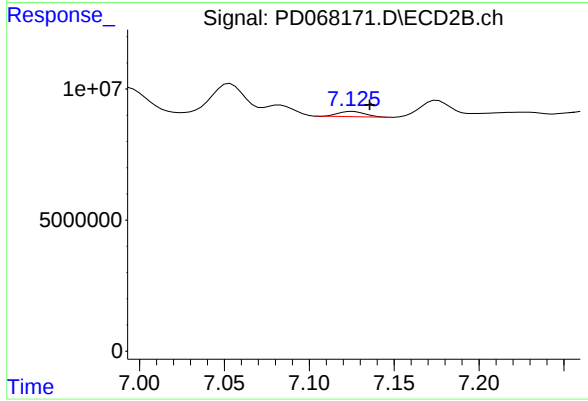
#14 Endrin

R.T.: 6.917 min
Delta R.T.: -0.014 min
Response: 5518789
Conc: 0.77 ng/ml



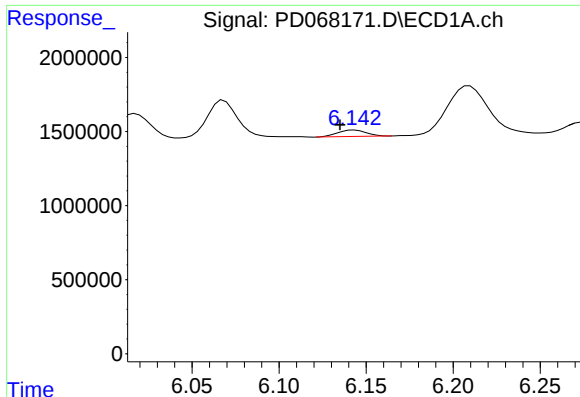
#15 Endosulfan II

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 977326
Conc: 0.58 ng/ml



#15 Endosulfan II

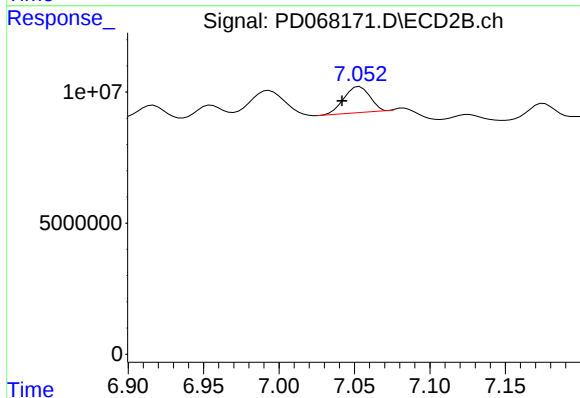
R.T.: 7.126 min
Delta R.T.: -0.010 min
Response: 2188526
Conc: 0.29 ng/ml



#16 4,4'-DDD

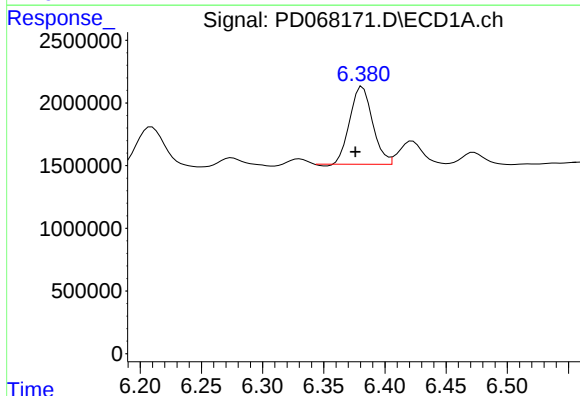
R.T.: 6.143 min
Delta R.T.: 0.008 min
Response: 498415
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
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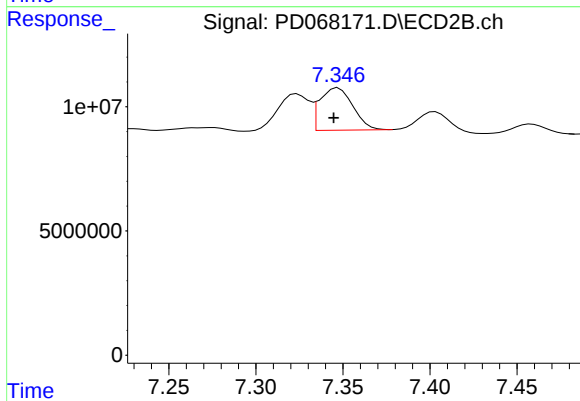
#16 4,4'-DDD

R.T.: 7.053 min
Delta R.T.: 0.012 min
Response: 11871272
Conc: 1.69 ng/ml



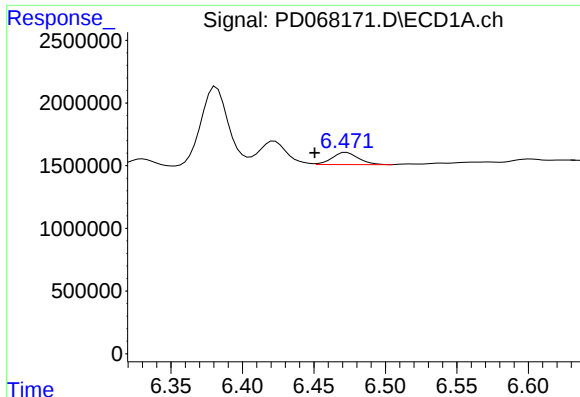
#17 4,4'-DDT

R.T.: 6.382 min
Delta R.T.: 0.006 min
Response: 7995582
Conc: 5.81 ng/ml



#17 4,4'-DDT

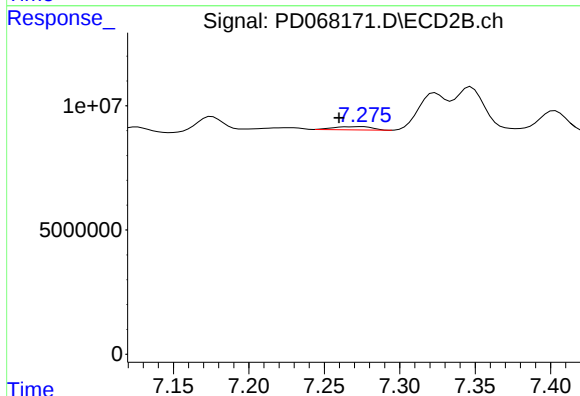
R.T.: 7.347 min
Delta R.T.: 0.003 min
Response: 22507423
Conc: 3.97 ng/ml



#18 Endrin aldehyde

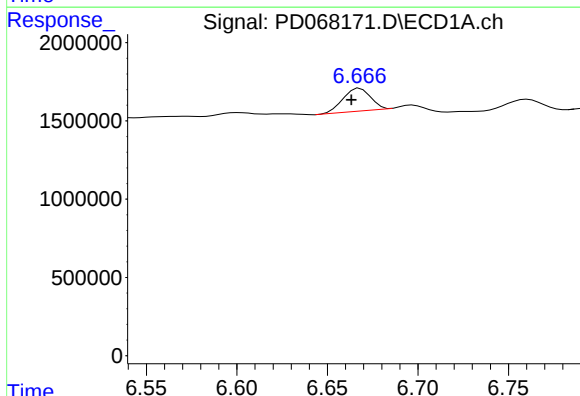
R.T.: 6.473 min
Delta R.T.: 0.022 min
Response: 1238464
Conc: 1.12 ng/ml

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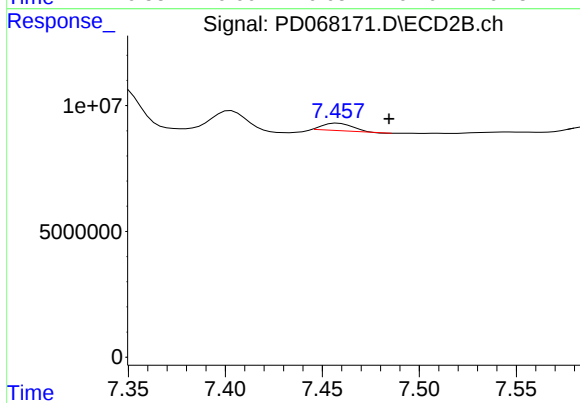
#18 Endrin aldehyde

R.T.: 7.276 min
Delta R.T.: 0.016 min
Response: 2267773
Conc: 0.44 ng/ml



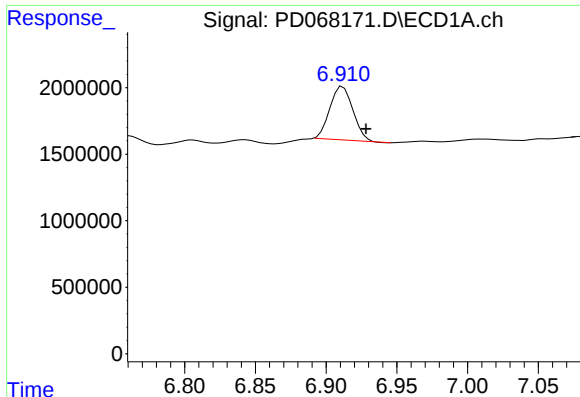
#19 Endosulfan Sulfate

R.T.: 6.668 min
Delta R.T.: 0.005 min
Response: 1539946
Conc: 0.98 ng/ml



#19 Endosulfan Sulfate

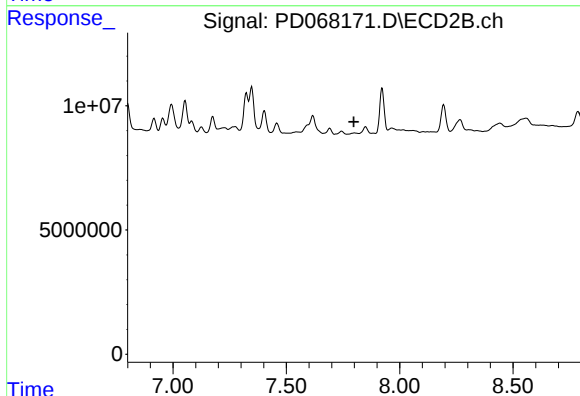
R.T.: 7.458 min
Delta R.T.: -0.026 min
Response: 3049536
Conc: 0.45 ng/ml



#20 Methoxychlor

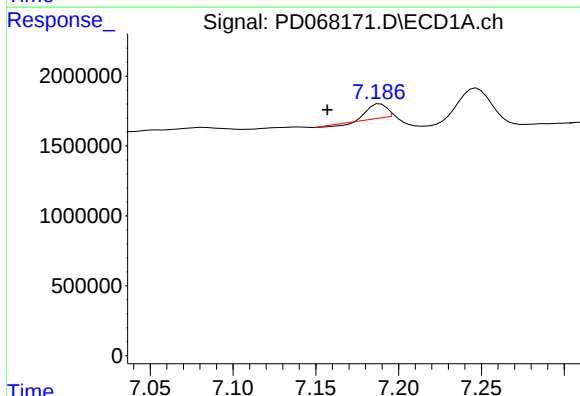
R.T.: 6.912 min
Delta R.T.: -0.016 min
Response: 4561314
Conc: 5.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



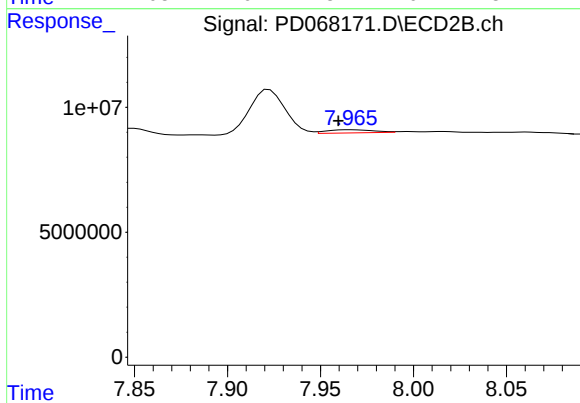
#20 Methoxychlor

R.T.: 7.802 min
Delta R.T.: 0.004 min
Response: -959024
Conc: N.D.



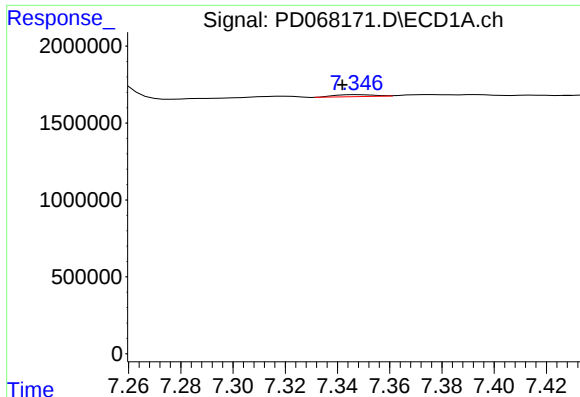
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: 0.032 min
Response: 751120
Conc: 0.42 ng/ml



#21 Endrin ketone

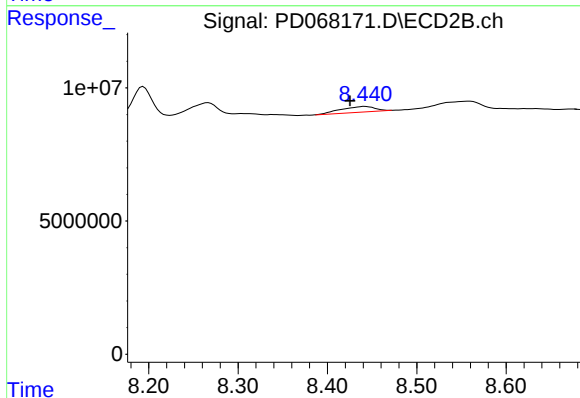
R.T.: 7.966 min
Delta R.T.: 0.006 min
Response: 2213379
Conc: 0.31 ng/ml



#22 Mirex

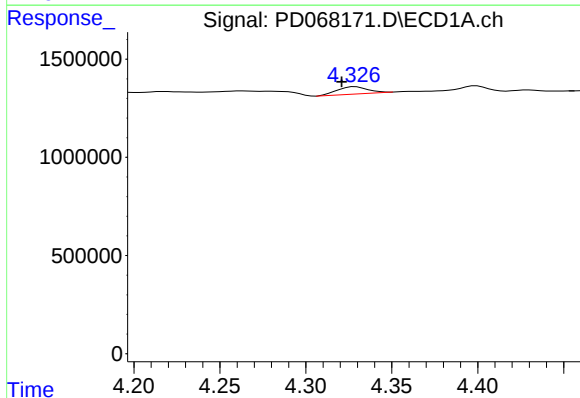
R.T.: 7.348 min
Delta R.T.: 0.006 min
Response: 133219
Conc: 0.09 ng/ml

Instrument :
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ClientSampleId :
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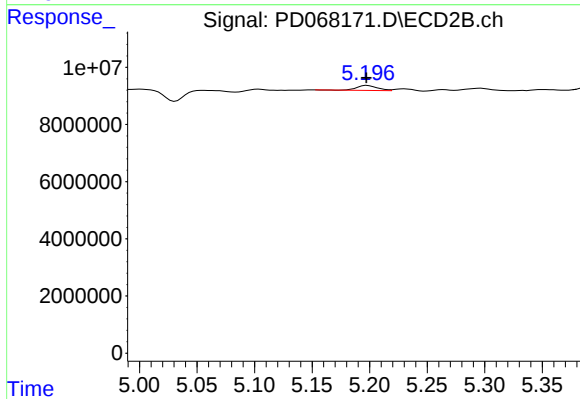
#22 Mirex

R.T.: 8.442 min
Delta R.T.: 0.017 min
Response: 5652967
Conc: 1.13 ng/ml



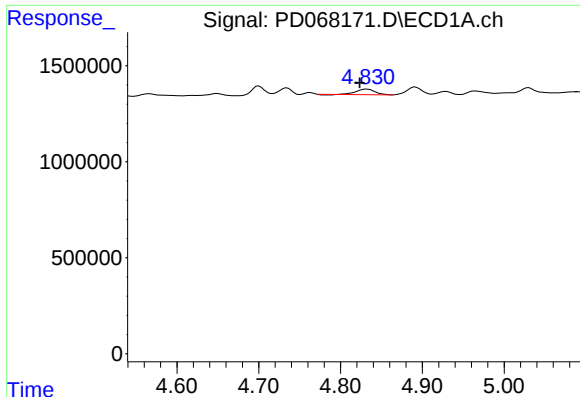
#23 Chlordane-1

R.T.: 4.329 min
Delta R.T.: 0.008 min
Response: 457425
Conc: 7.54 ng/ml



#23 Chlordane-1

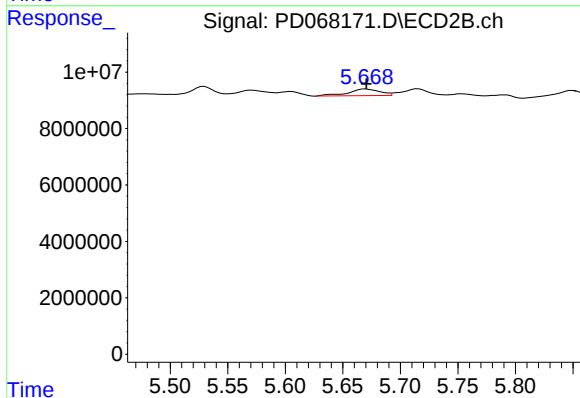
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 2241486
Conc: 5.35 ng/ml



#24 Chlordane-2

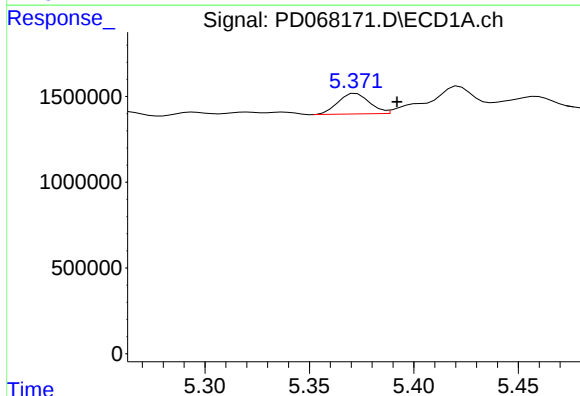
R.T.: 4.832 min
Delta R.T.: 0.009 min
Response: 445215
Conc: 6.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



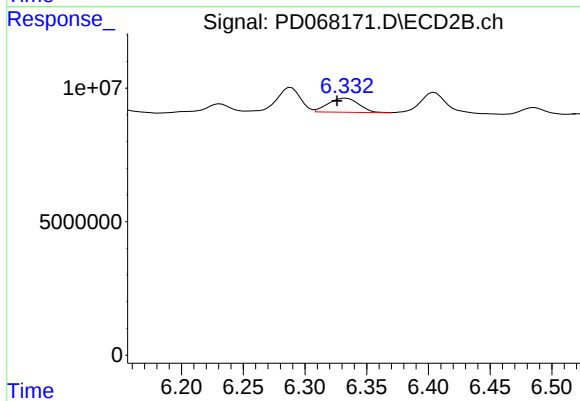
#24 Chlordane-2

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 4506630
Conc: 10.93 ng/ml



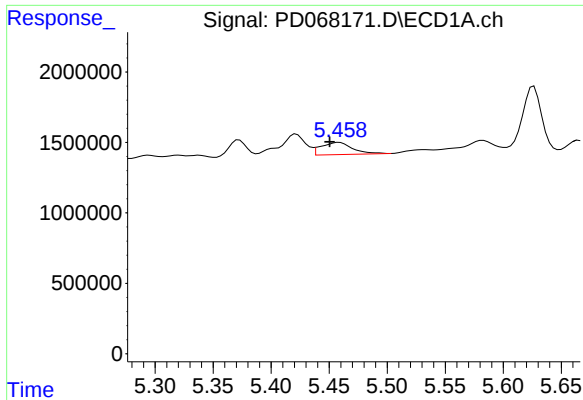
#25 Chlordane-3

R.T.: 5.372 min
Delta R.T.: -0.019 min
Response: 1261651
Conc: 6.05 ng/ml



#25 Chlordane-3

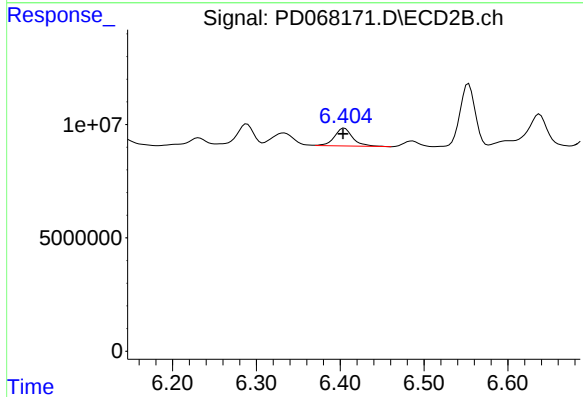
R.T.: 6.333 min
Delta R.T.: 0.007 min
Response: 9250769
Conc: 6.37 ng/ml



#26 Chlordane-4

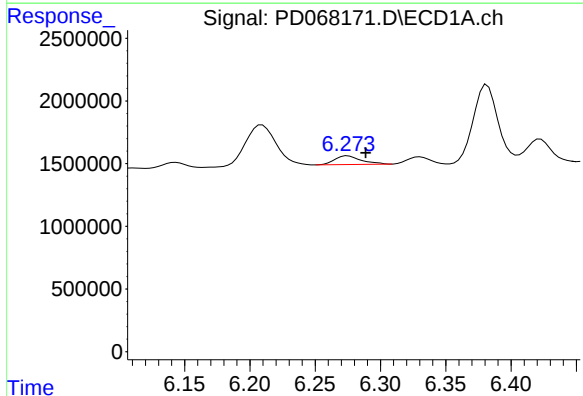
R.T.: 5.459 min
Delta R.T.: 0.008 min
Response: 1632794
Conc: 9.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



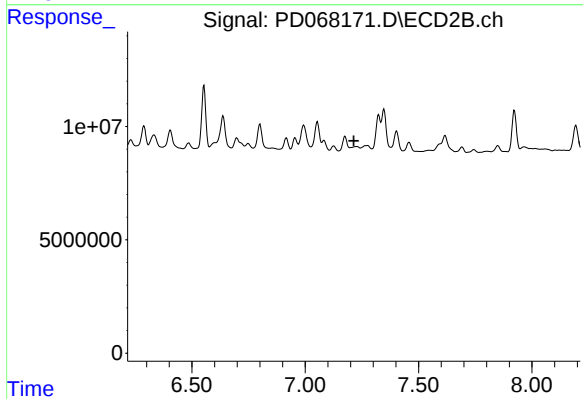
#26 Chlordane-4

R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 11879842
Conc: 7.13 ng/ml



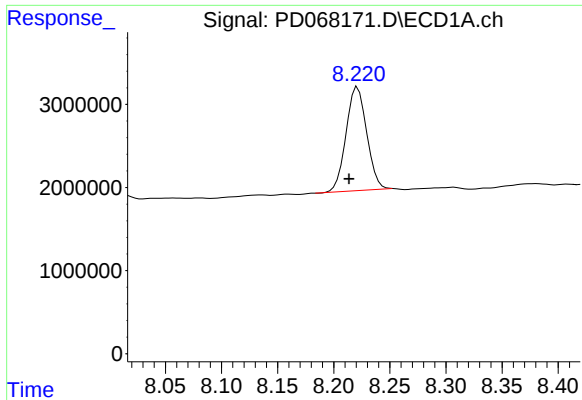
#27 Chlordane-5

R.T.: 6.275 min
Delta R.T.: -0.014 min
Response: 977326
Conc: 14.80 ng/ml



#27 Chlordane-5

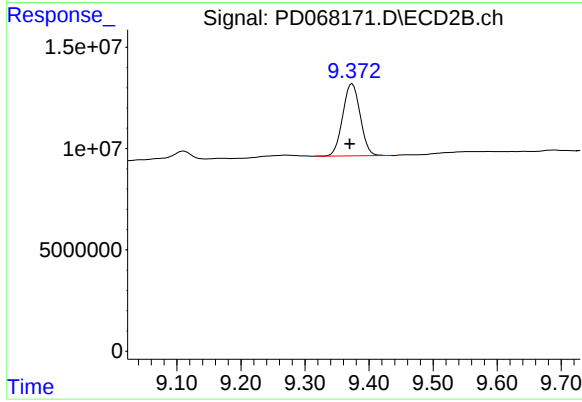
R.T.: 7.227 min
Delta R.T.: 0.012 min
Response: -2877988
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.221 min
Delta R.T.: 0.008 min
Response: 16019491
Conc: 11.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)



#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.004 min
Response: 67400714
Conc: 13.54 ng/ml