

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 17:58
 Operator : SG\AJ
 Sample : K5609-19DL2 20X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:06:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 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...	3.290	3.963	1028806	1450141	1.207	1.204
28)	SA Decachlor...	7.966	9.000	1380711	1697843	1.459	1.220
Target Compounds							
2)	A alpha-BHC	3.717	4.350	45785952	65017731	36.049	36.891
3)	MA gamma-BHC...	3.992	4.633	9930890	13852757	8.290	8.070
4)	MA Heptachlor	4.278	5.139	42993855	68199508	40.357	39.359
5)	MB Aldrin	4.518	5.443	43520333	67967140	39.770	40.606
6)	B beta-BHC	4.242	4.801	15191672	23796020	30.139	29.938
8)	B Heptachlo...	4.955	5.827	60730629	95521290	59.021	59.151
9)	A Endosulfan I	5.286	6.182	31883913	51287268	32.706	32.655
10)	B gamma-Chl...	5.177	6.060	12478970	21317270	11.694	12.365
11)	B alpha-Chl...	5.234	6.133	10361561	17485036	9.818	10.178
12)	B 4,4'-DDE	5.402	6.290	53332445	86161872	54.183	53.869
13)	MA Dieldrin	5.526	6.438	58686774	91915122	55.328	54.398
14)	MA Endrin	5.779	6.655	42348897	63948612	44.159	44.335
15)	B Endosulfa...	6.052	6.863	35628544	57639414	36.760	37.113
16)	A 4,4'-DDD	5.913	6.777	29929624	50627564	37.227	37.049
17)	MA 4,4'-DDT	6.149	7.074	8965485	19391404	12.528	14.529
18)	B Endrin al...	6.221	6.986	37662749	50736768	45.069	37.836
19)	B Endosulfa...	6.431	7.209	16765632	20301656	18.716	13.954 #
20)	A Methoxychlor	6.697	7.532	4788948	8390702	12.222	10.489
21)	B Endrin ke...	6.916	7.678	56908235	86445682	54.387	52.113
22)	Mirex	7.092	0.000	790852	0	0.959	N.D. #
24)	Chlordane-2	0.000	5.443f	0	67967140	N.D.	1293.878 #
25)	Chlordane-3	5.177	6.060	12478970	21317270	129.765	97.348
26)	Chlordane-4	5.234	6.133	10361561	17485036	123.209	66.471 #
27)	Chlordane-5	6.052	0.000	35628544	0	1173.396	N.D. #

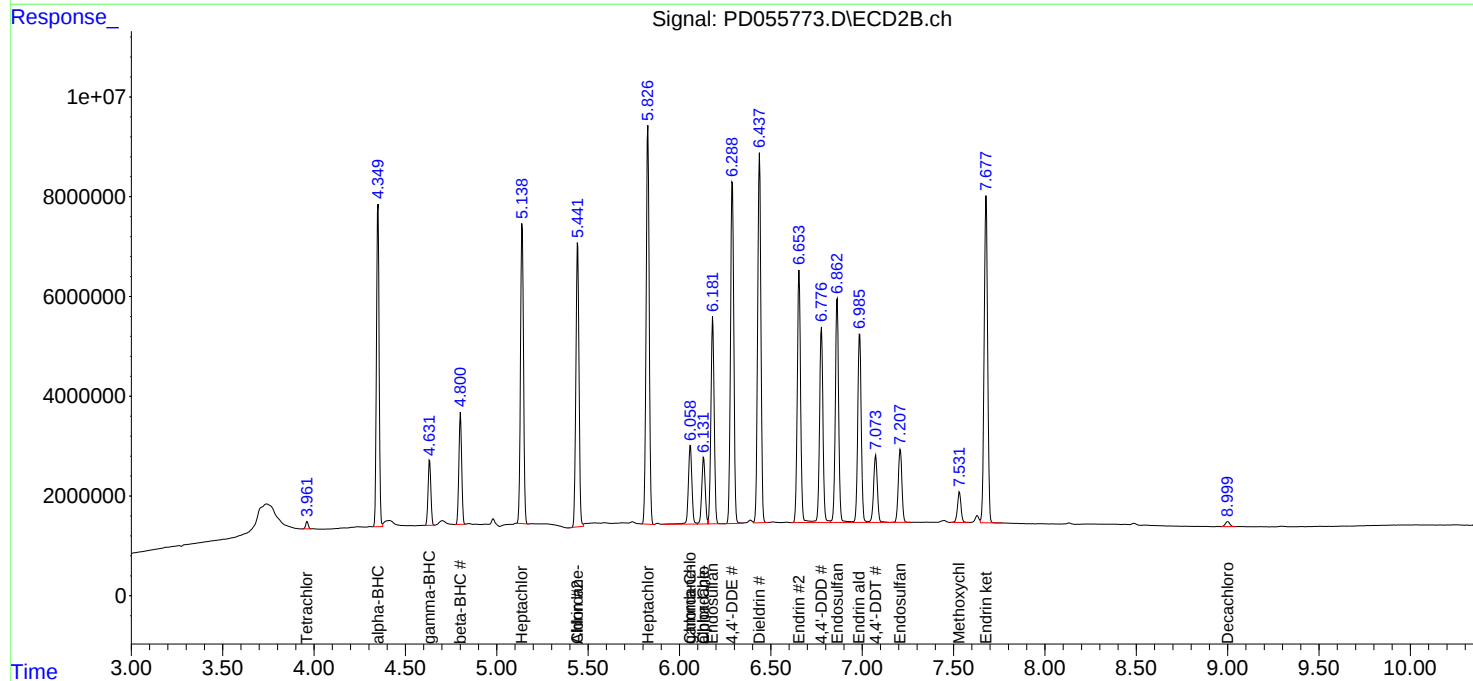
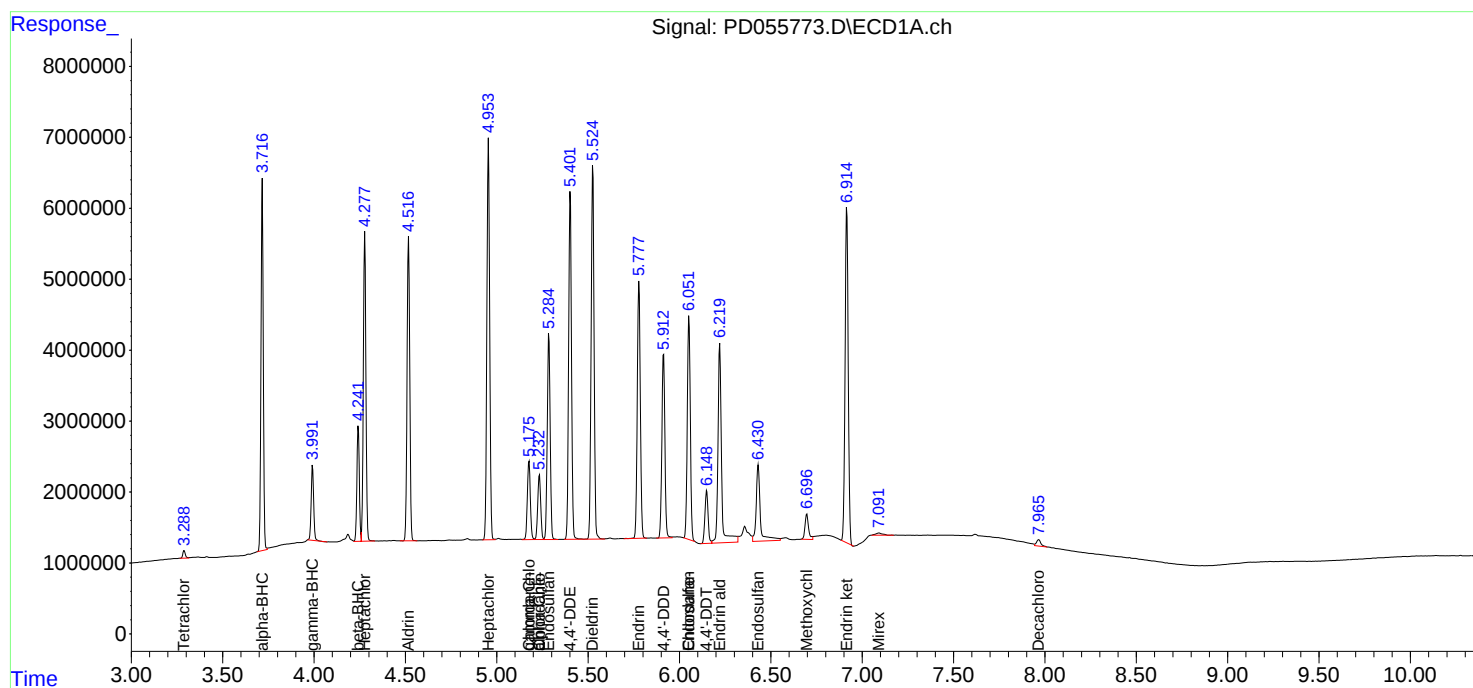
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

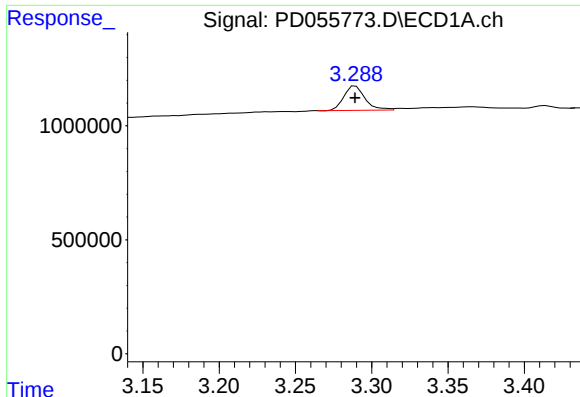
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055773.D
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Acq On : 31 Oct 2019 17:58
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Sample : K5609-19DL2 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
PT-PEST-SOILDL2

Integration File signal 1: autoint1.e
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Quant Time: Nov 01 04:06:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
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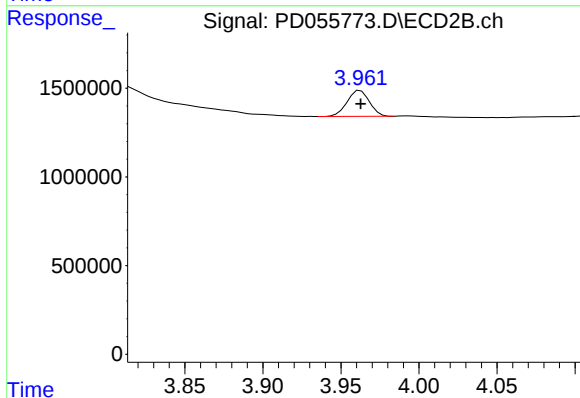




#1 Tetrachloro-m-xylene

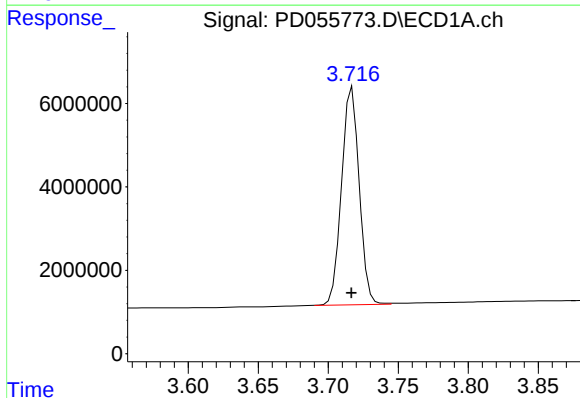
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1028806
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



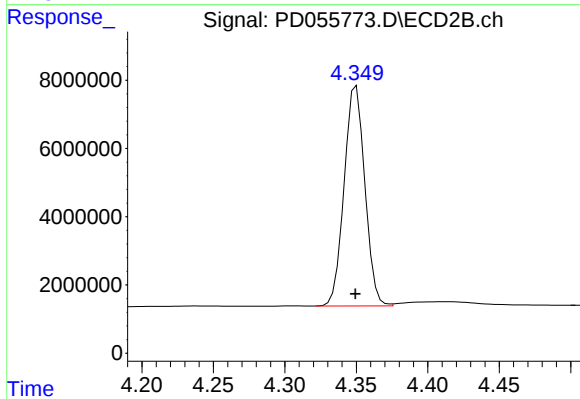
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 1450141
Conc: 1.20 ng/ml



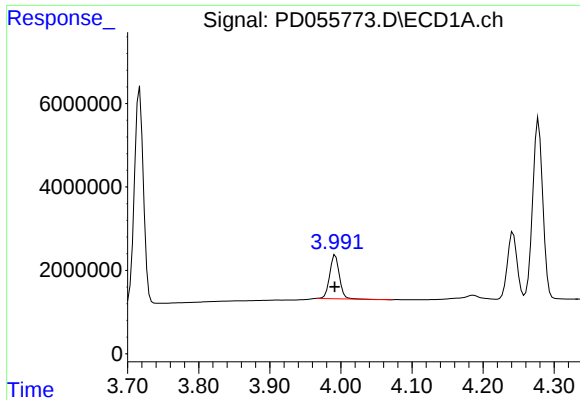
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 45785952
Conc: 36.05 ng/ml



#2 alpha-BHC

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 65017731
Conc: 36.89 ng/ml



#3 gamma-BHC (Lindane)

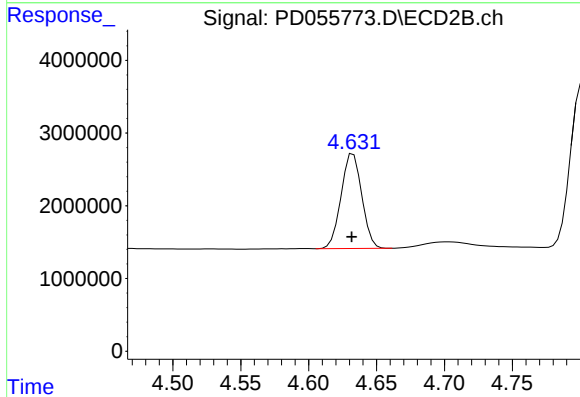
R.T.: 3.992 min

Delta R.T.: 0.000 min

Response: 9930890

Conc: 8.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



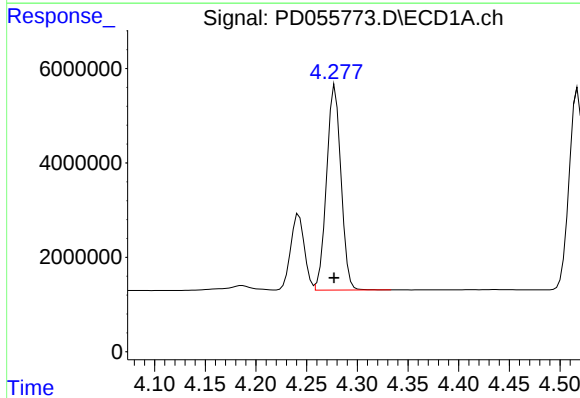
#3 gamma-BHC (Lindane)

R.T.: 4.633 min

Delta R.T.: 0.000 min

Response: 13852757

Conc: 8.07 ng/ml



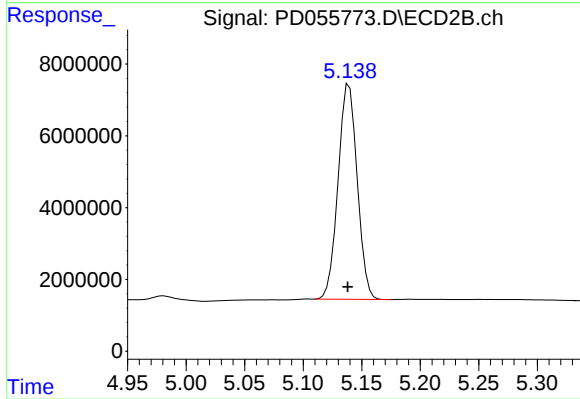
#4 Heptachlor

R.T.: 4.278 min

Delta R.T.: 0.000 min

Response: 42993855

Conc: 40.36 ng/ml



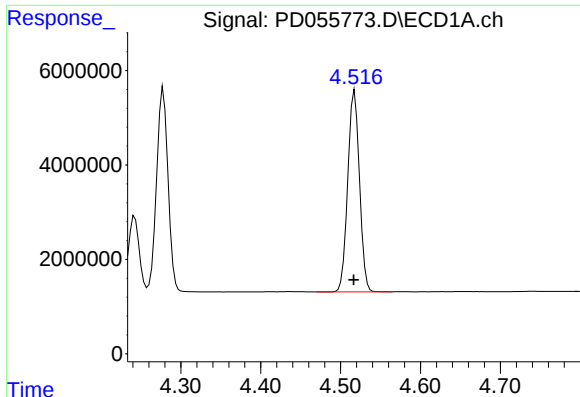
#4 Heptachlor

R.T.: 5.139 min

Delta R.T.: 0.001 min

Response: 68199508

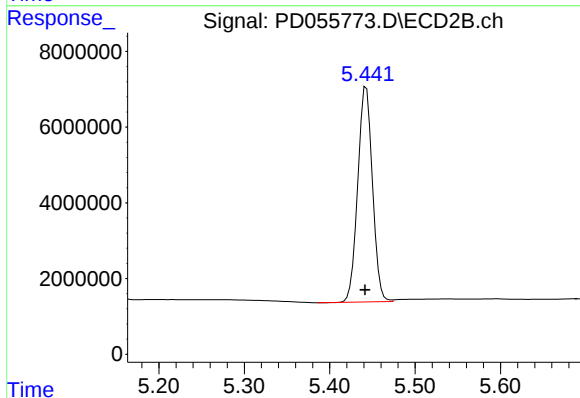
Conc: 39.36 ng/ml



#5 Aldrin

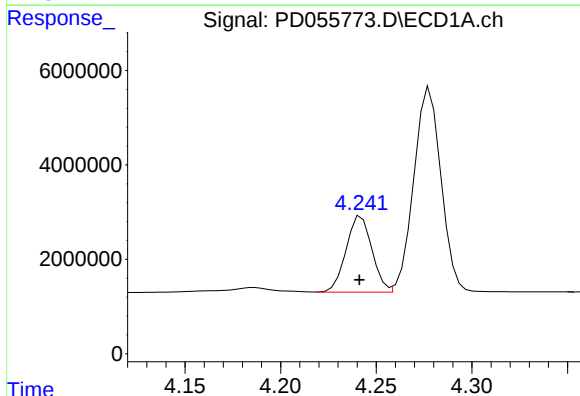
R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 43520333
Conc: 39.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



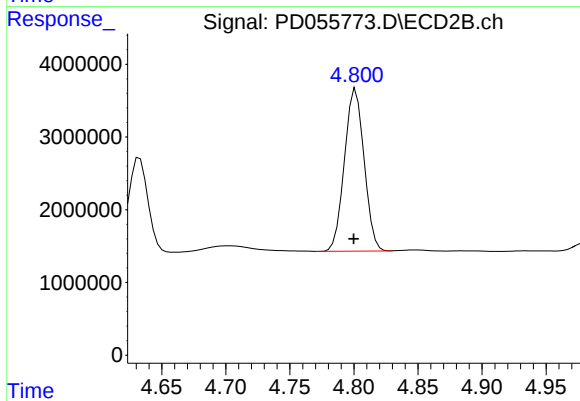
#5 Aldrin

R.T.: 5.443 min
Delta R.T.: 0.001 min
Response: 67967140
Conc: 40.61 ng/ml



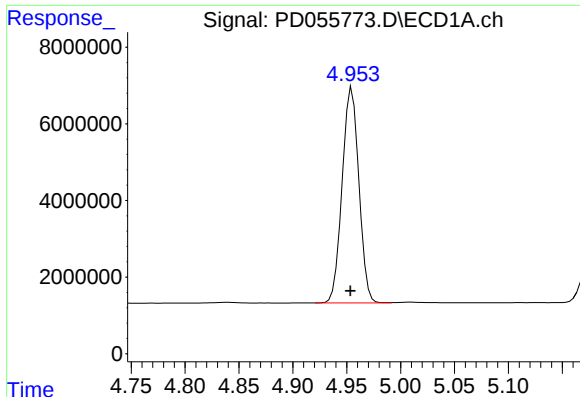
#6 beta-BHC

R.T.: 4.242 min
Delta R.T.: 0.001 min
Response: 15191672
Conc: 30.14 ng/ml



#6 beta-BHC

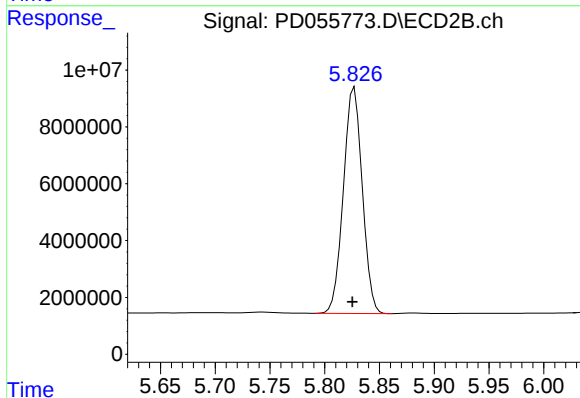
R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 23796020
Conc: 29.94 ng/ml



#8 Heptachlor epoxide

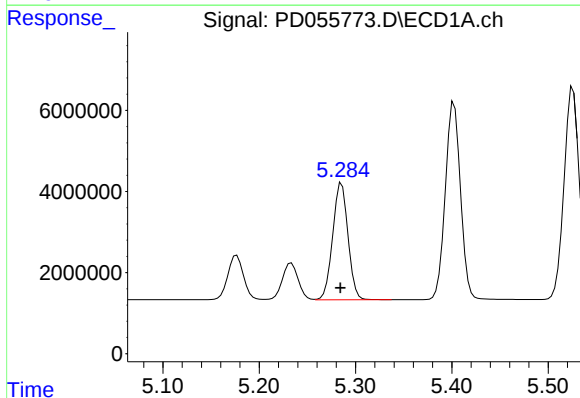
R.T.: 4.955 min
Delta R.T.: 0.001 min
Response: 60730629
Conc: 59.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



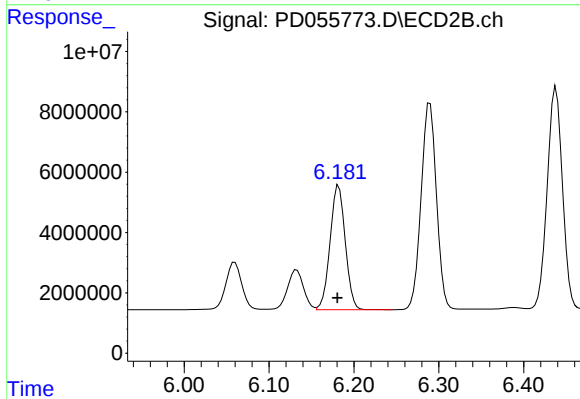
#8 Heptachlor epoxide

R.T.: 5.827 min
Delta R.T.: 0.002 min
Response: 95521290
Conc: 59.15 ng/ml



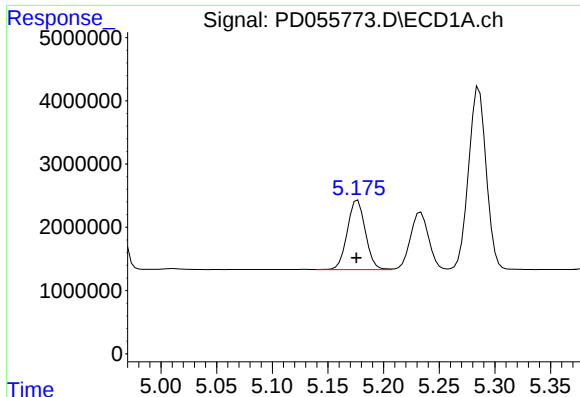
#9 Endosulfan I

R.T.: 5.286 min
Delta R.T.: 0.001 min
Response: 31883913
Conc: 32.71 ng/ml



#9 Endosulfan I

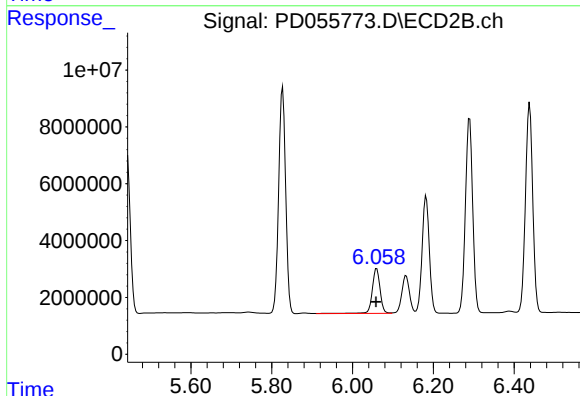
R.T.: 6.182 min
Delta R.T.: 0.001 min
Response: 51287268
Conc: 32.65 ng/ml



#10 gamma-Chlordane

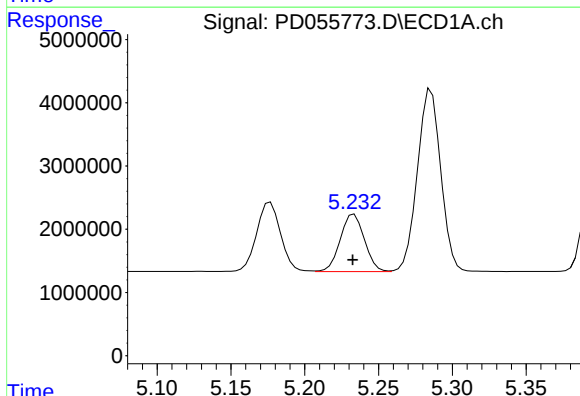
R.T.: 5.177 min
Delta R.T.: 0.001 min
Response: 12478970
Conc: 11.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



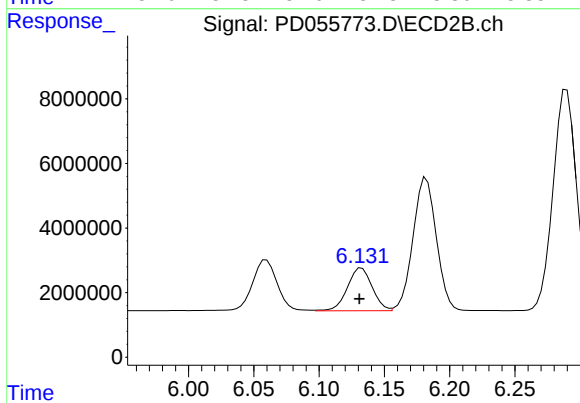
#10 gamma-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 21317270
Conc: 12.36 ng/ml



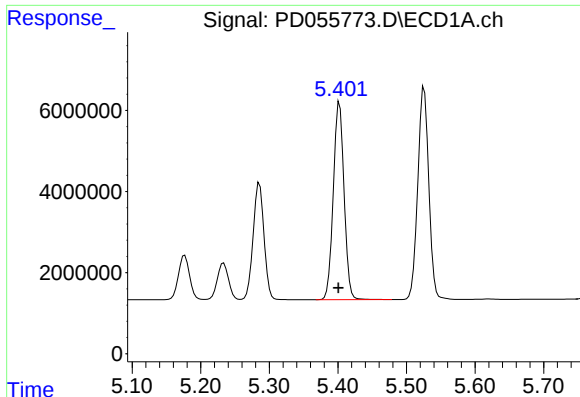
#11 alpha-Chlordane

R.T.: 5.234 min
Delta R.T.: 0.001 min
Response: 10361561
Conc: 9.82 ng/ml



#11 alpha-Chlordane

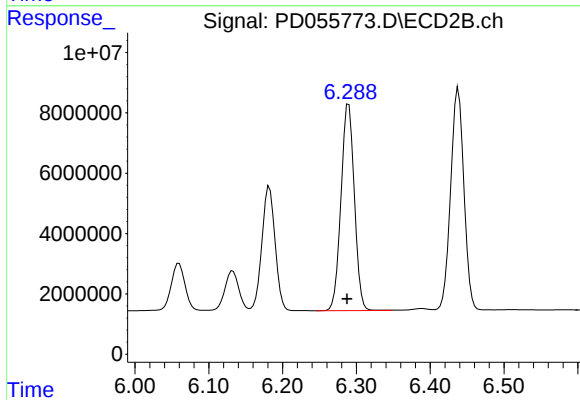
R.T.: 6.133 min
Delta R.T.: 0.002 min
Response: 17485036
Conc: 10.18 ng/ml



#12 4,4'-DDE

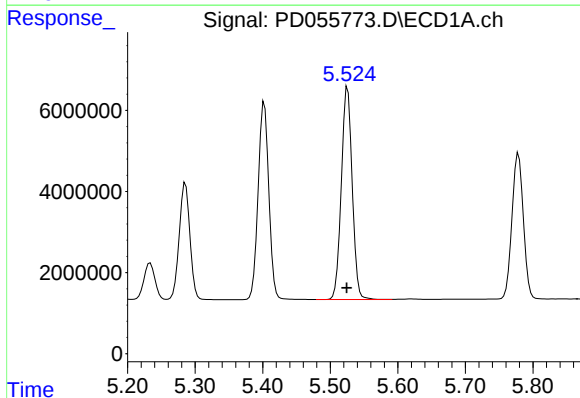
R.T.: 5.402 min
Delta R.T.: 0.002 min
Response: 53332445
Conc: 54.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



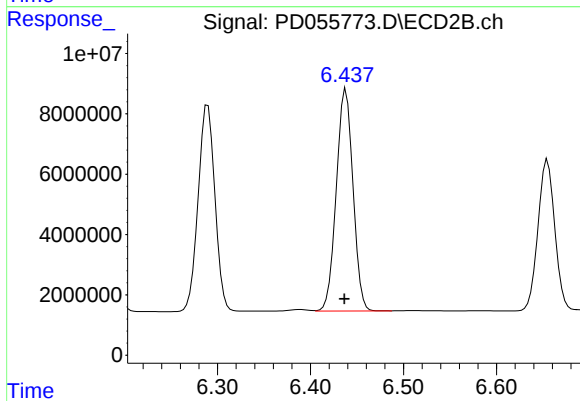
#12 4,4'-DDE

R.T.: 6.290 min
Delta R.T.: 0.002 min
Response: 86161872
Conc: 53.87 ng/ml



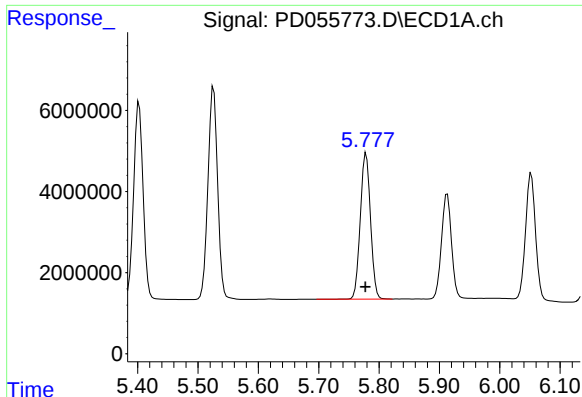
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: 0.002 min
Response: 58686774
Conc: 55.33 ng/ml



#13 Dieldrin

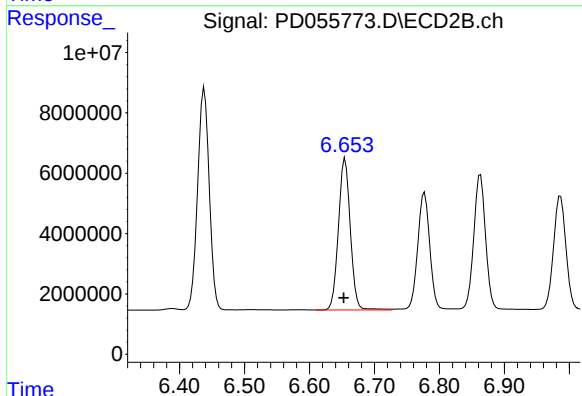
R.T.: 6.438 min
Delta R.T.: 0.002 min
Response: 91915122
Conc: 54.40 ng/ml



#14 Endrin

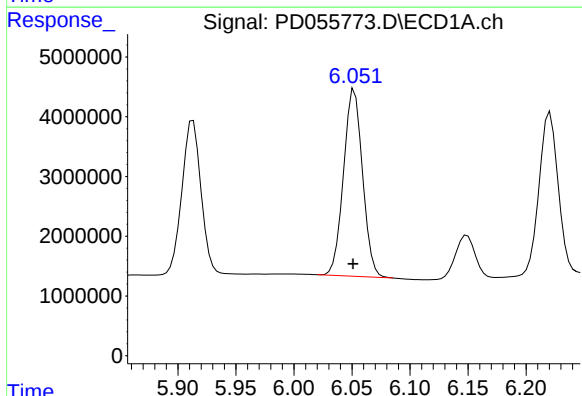
R.T.: 5.779 min
Delta R.T.: 0.001 min
Response: 42348897
Conc: 44.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD2



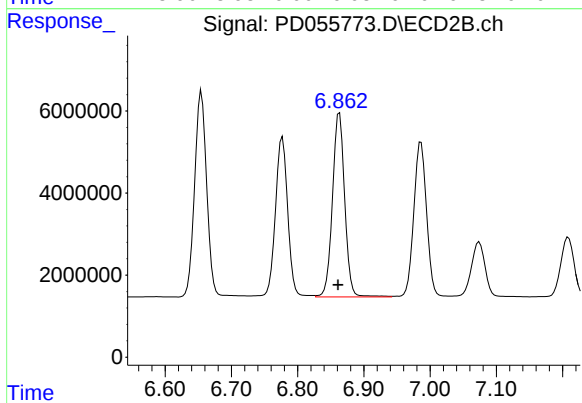
#14 Endrin

R.T.: 6.655 min
Delta R.T.: 0.002 min
Response: 63948612
Conc: 44.34 ng/ml



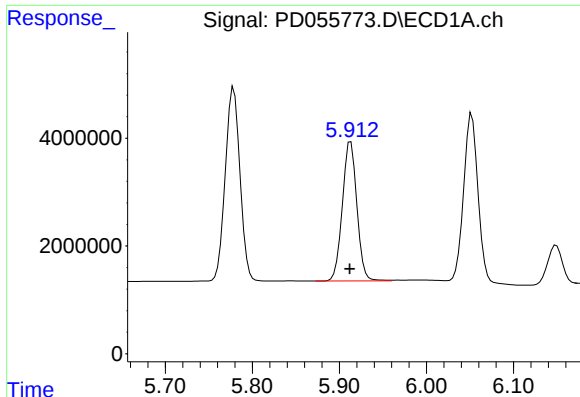
#15 Endosulfan II

R.T.: 6.052 min
Delta R.T.: 0.001 min
Response: 35628544
Conc: 36.76 ng/ml



#15 Endosulfan II

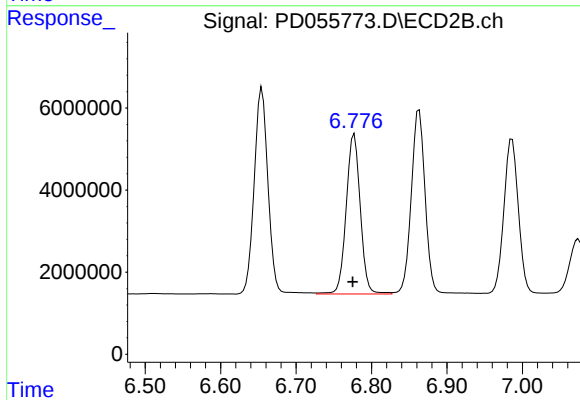
R.T.: 6.863 min
Delta R.T.: 0.002 min
Response: 57639414
Conc: 37.11 ng/ml



#16 4,4'-DDD

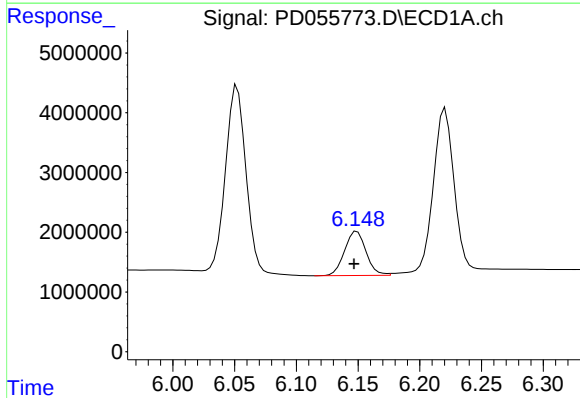
R.T.: 5.913 min
Delta R.T.: 0.001 min
Response: 29929624
Conc: 37.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



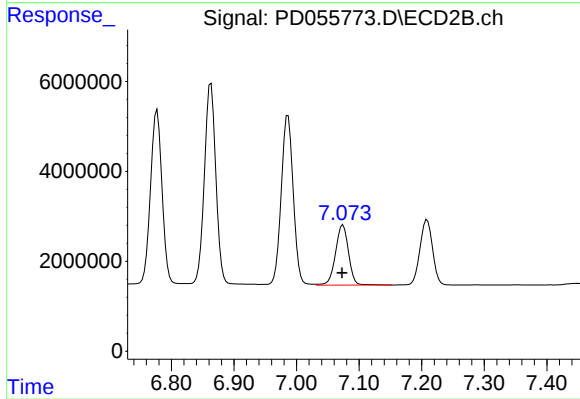
#16 4,4'-DDD

R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 50627564
Conc: 37.05 ng/ml



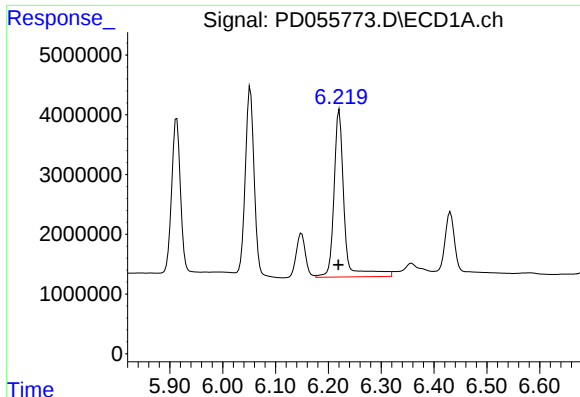
#17 4,4'-DDT

R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 8965485
Conc: 12.53 ng/ml



#17 4,4'-DDT

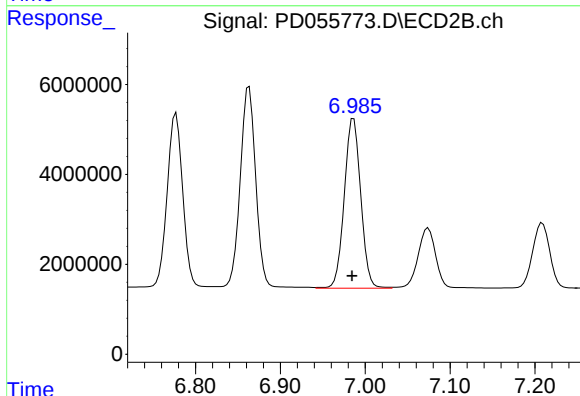
R.T.: 7.074 min
Delta R.T.: 0.002 min
Response: 19391404
Conc: 14.53 ng/ml



#18 Endrin aldehyde

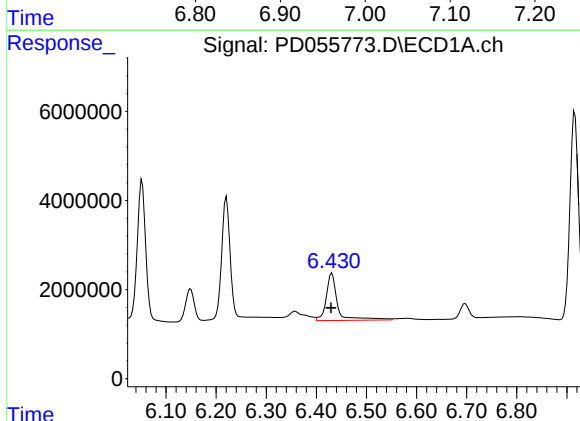
R.T.: 6.221 min
Delta R.T.: 0.002 min
Response: 37662749
Conc: 45.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



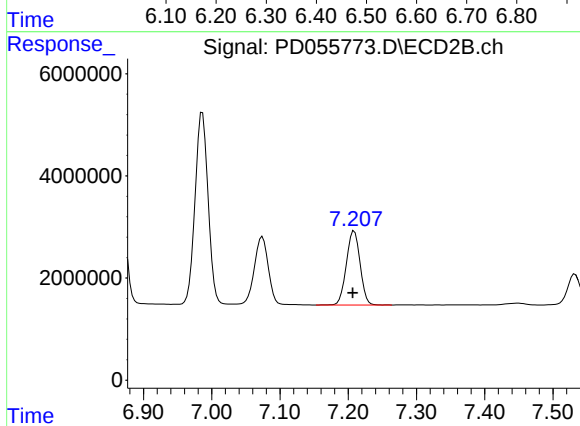
#18 Endrin aldehyde

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 50736768
Conc: 37.84 ng/ml



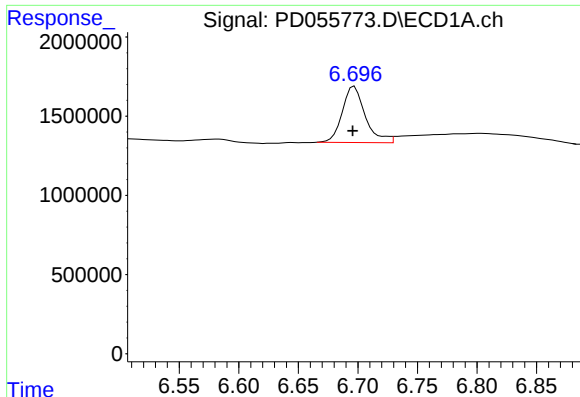
#19 Endosulfan Sulfate

R.T.: 6.431 min
Delta R.T.: 0.002 min
Response: 16765632
Conc: 18.72 ng/ml



#19 Endosulfan Sulfate

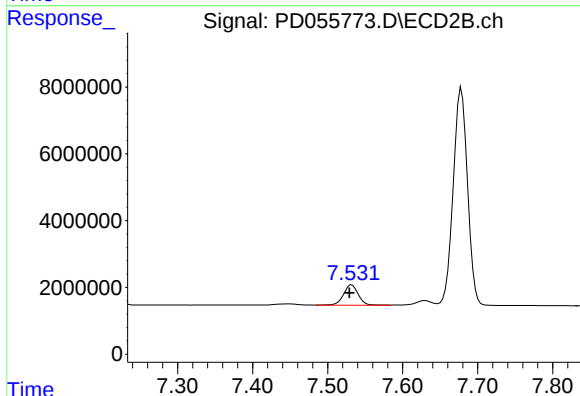
R.T.: 7.209 min
Delta R.T.: 0.002 min
Response: 20301656
Conc: 13.95 ng/ml



#20 Methoxychlor

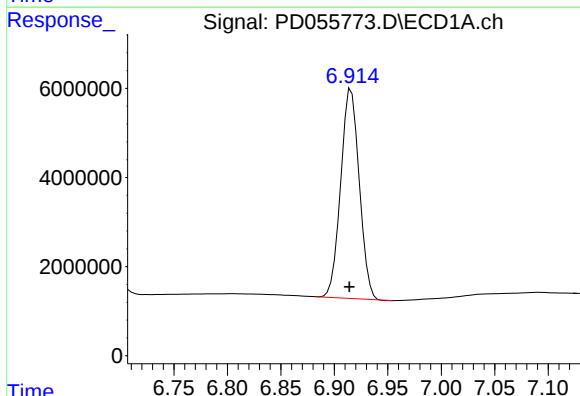
R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 4788948
Conc: 12.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



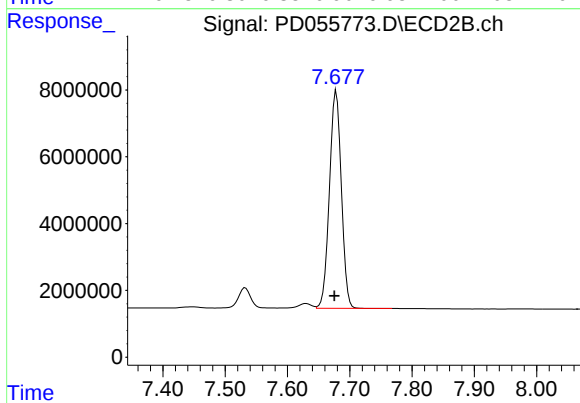
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.003 min
Response: 8390702
Conc: 10.49 ng/ml



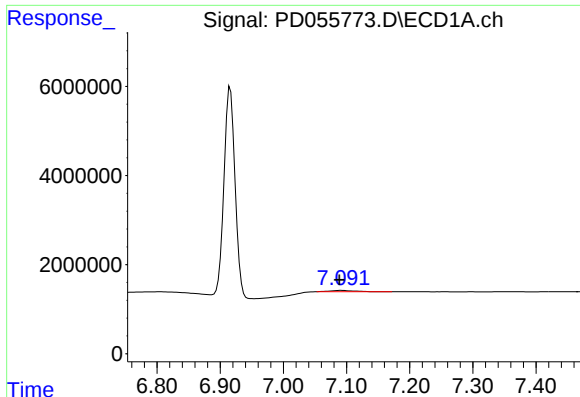
#21 Endrin ketone

R.T.: 6.916 min
Delta R.T.: 0.002 min
Response: 56908235
Conc: 54.39 ng/ml



#21 Endrin ketone

R.T.: 7.678 min
Delta R.T.: 0.003 min
Response: 86445682
Conc: 52.11 ng/ml



#22 Mirex

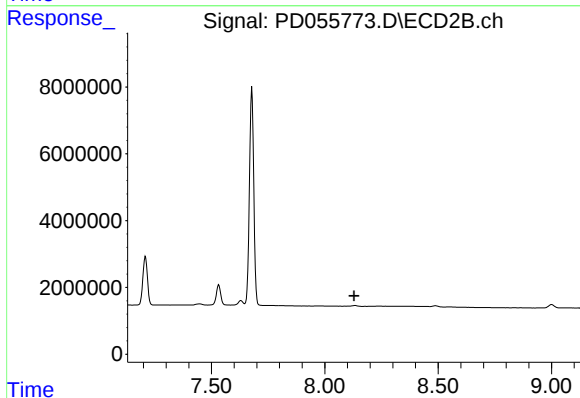
R.T.: 7.092 min

Delta R.T.: 0.003 min

Response: 790852

Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



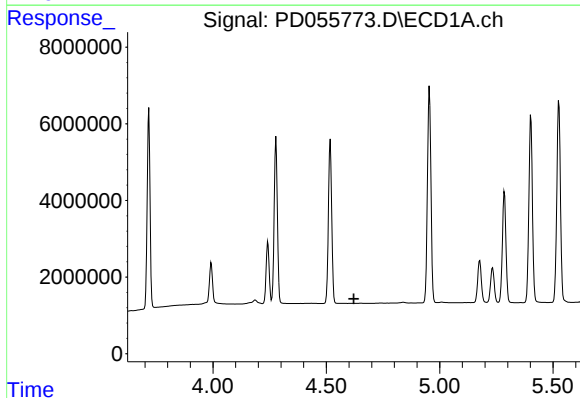
#22 Mirex

R.T.: 0.000 min

Exp R.T. : 8.130 min

Response: 0

Conc: N.D.



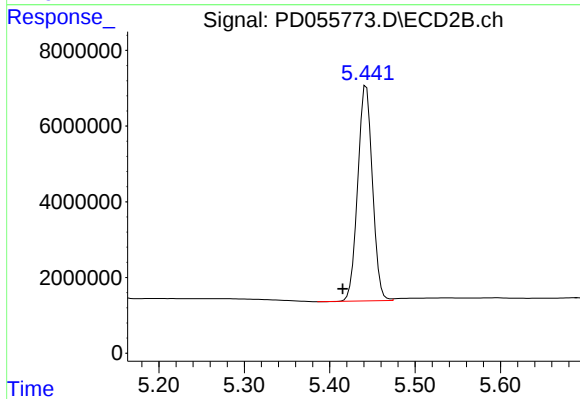
#24 Chlordane-2

R.T.: 0.000 min

Exp R.T. : 4.621 min

Response: 0

Conc: N.D.



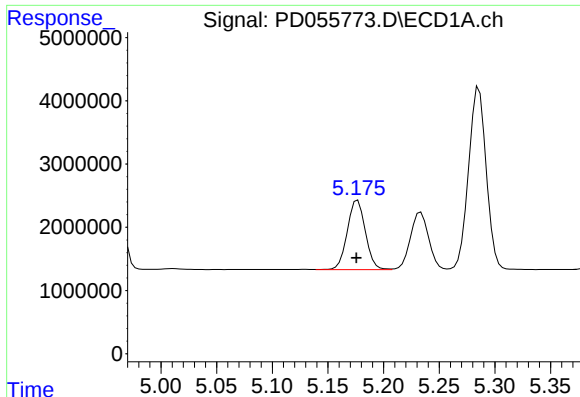
#24 Chlordane-2

R.T.: 5.443 min

Delta R.T.: 0.027 min

Response: 67967140

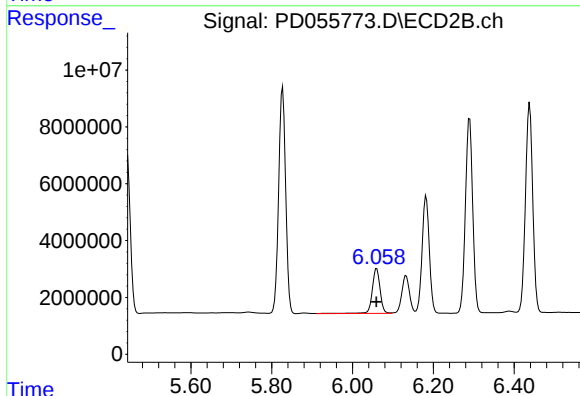
Conc: 1293.88 ng/ml



#25 Chlordane-3

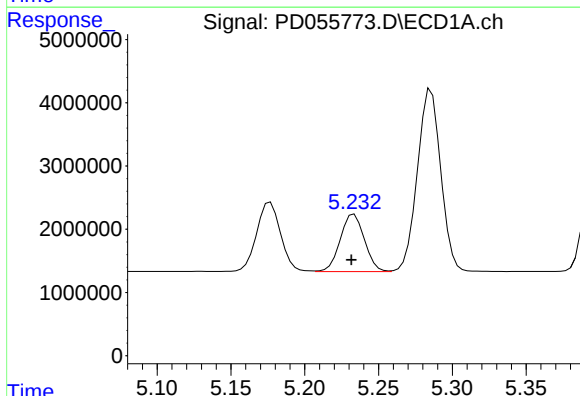
R.T.: 5.177 min
Delta R.T.: 0.001 min
Response: 12478970
Conc: 129.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



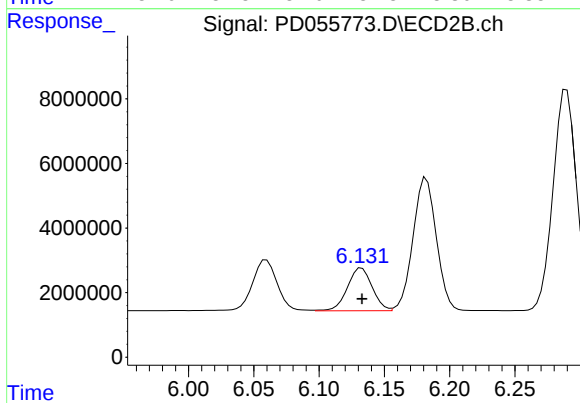
#25 Chlordane-3

R.T.: 6.060 min
Delta R.T.: 0.001 min
Response: 21317270
Conc: 97.35 ng/ml



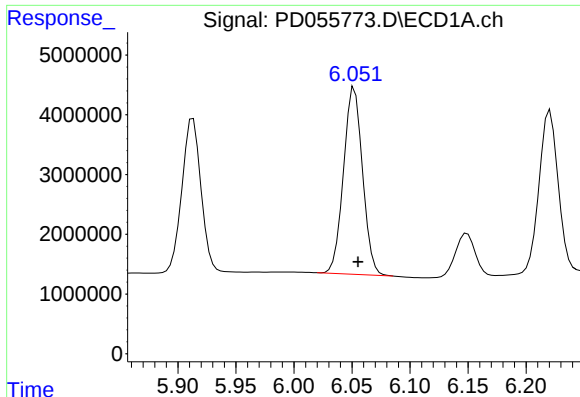
#26 Chlordane-4

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 10361561
Conc: 123.21 ng/ml



#26 Chlordane-4

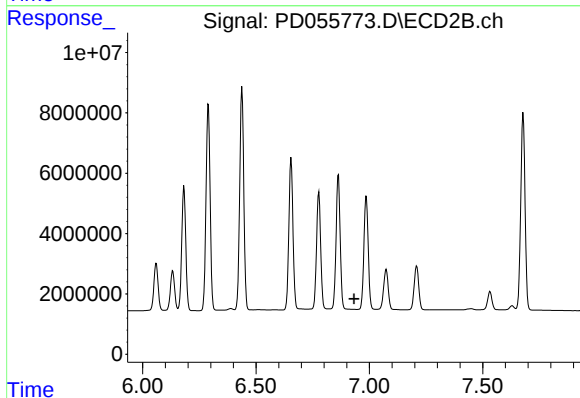
R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 17485036
Conc: 66.47 ng/ml



#27 Chlordane-5

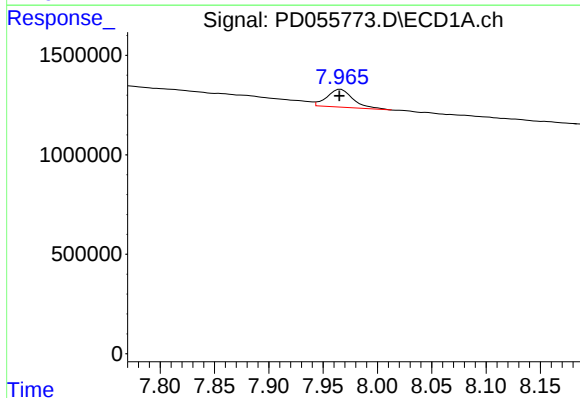
R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 35628544
Conc: 1173.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2



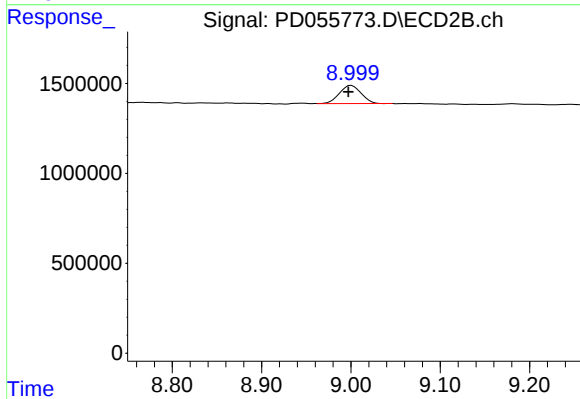
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.966 min
Delta R.T.: 0.001 min
Response: 1380711
Conc: 1.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.003 min
Response: 1697843
Conc: 1.22 ng/ml