

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101323\
 Data File : PD078834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 18:15
 Operator : AR\AJ
 Sample : 04696-03
 Misc : PEST MDL SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 22:20:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100923CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 01:02:10 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

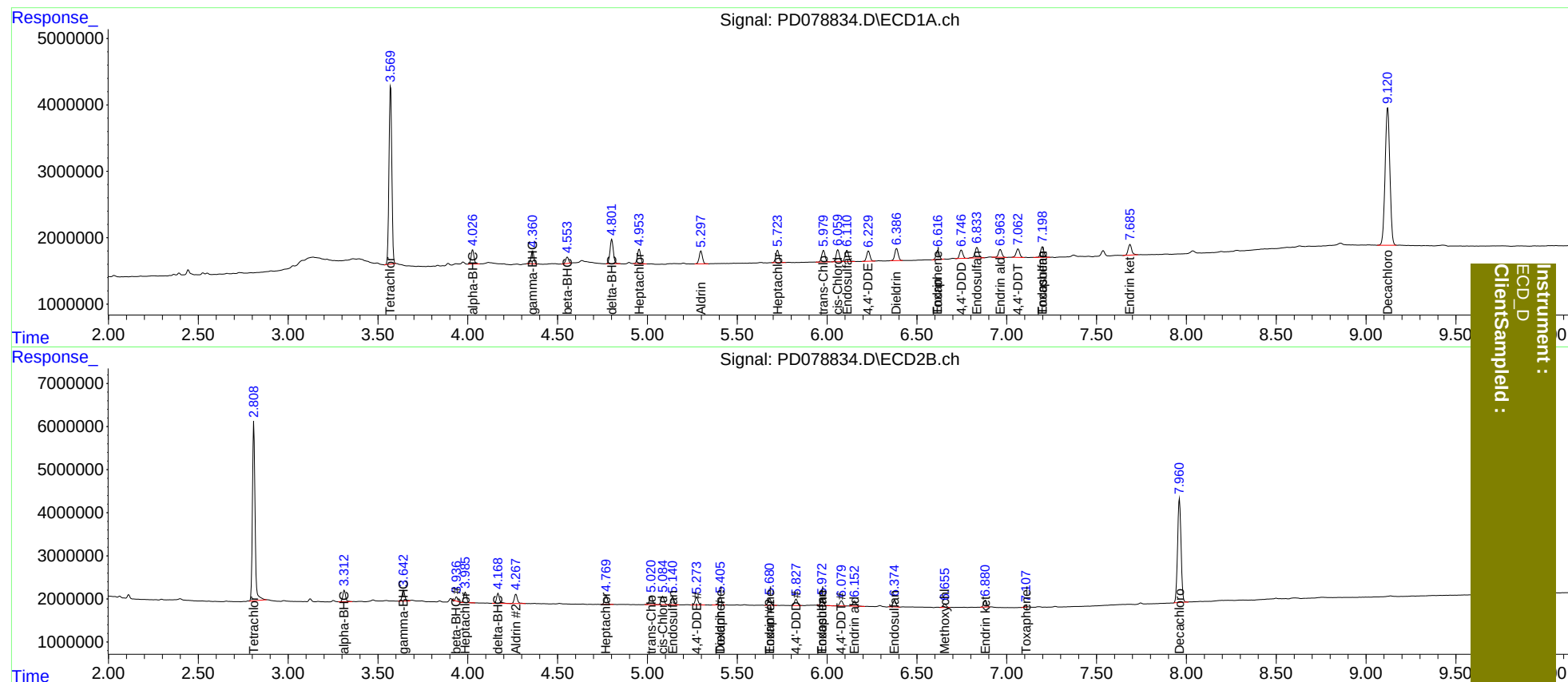
System Monitoring Compounds							
1)	SA Tetrachlo...	3.571	2.809	29220628	42050117	18.710	20.879
27)	SA Decachlor...	9.121	7.962	38210979	32496490	20.815	22.347
Target Compounds							
2)	A alpha-BHC	4.028	3.313	2444907	2828615	0.932	0.947
3)	MA gamma-BHC...	4.361	3.643	2142286	2754212	0.857	1.017
4)	MA Heptachlor	4.955	3.987	2713370	2610539	1.009	1.050
5)	MB Aldrin	5.298	4.268	2436848	2592220	0.971	1.050
6)	B beta-BHC	4.554	3.938	1085667	816769	0.936	0.656 #
7)	B delta-BHC	4.802	4.169	4783791	2681846	1.720	0.995 #
8)	B Heptachlo...	5.725	4.770	2367436	2516255	1.005	1.077
9)	A Endosulfan I	6.111	5.141	2270372	2141965	1.060	1.088
10)	B trans-Chl...	5.981	5.021	2264249	2341311	1.005	1.070
11)	B cis-Chlor...	6.061	5.086	2309135	2328577	1.004	1.043
12)	B 4,4'-DDE	6.231	5.275	2031972	1994192	0.967	0.996
13)	MA Dieldrin	6.388	5.406	2445545	2152725	1.079	0.994
14)	MA Endrin	6.617	5.681	1777826	1869758	0.973	1.044
15)	B Endosulfa...	6.835	5.973	2181754	1741943	1.095	0.972
16)	A 4,4'-DDD	6.748	5.828	1595069	1695091	0.949	1.087
17)	MA 4,4'-DDT	7.064	6.081	1754308	1439705	0.990	0.979
18)	B Endrin al...	6.965	6.153	1530828	1447387	1.006	1.063
19)	B Endosulfa...	7.199	6.376	2059704	1909292	1.061	1.160
20)	A Methoxychlor	0.000	6.656	0	1003233	N.D.	1.283
21)	B Endrin ke...	7.687	6.881	2246526	1870954	1.085	1.032
22)	Toxaphene-1	0.000	5.406f	0	2152725	N.D.	190.951
23)	Toxaphene-2	0.000	5.681f	0	1869758	N.D.	178.060
24)	Toxaphene-3	6.617f	5.973f	1777826	1741943	126.953	137.777
25)	Toxaphene-4	7.199	0.000	2059704	0	49.264	N.D. #
26)	Toxaphene-5	0.000	7.108	0	274576	N.D.	14.128

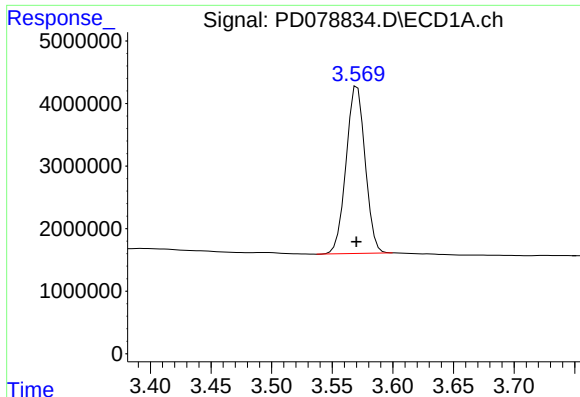
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101323\
Data File : PD078834.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2023 18:15
Operator : AR\AJ
Sample : 04696-03
Misc : PEST MDL SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 22:20:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100923CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 11 01:02:10 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

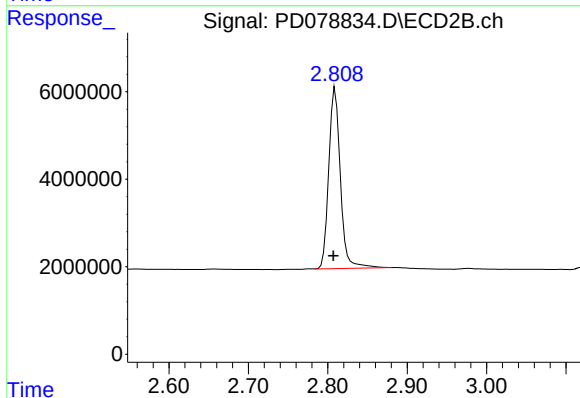




#1 Tetrachloro-m-xylene

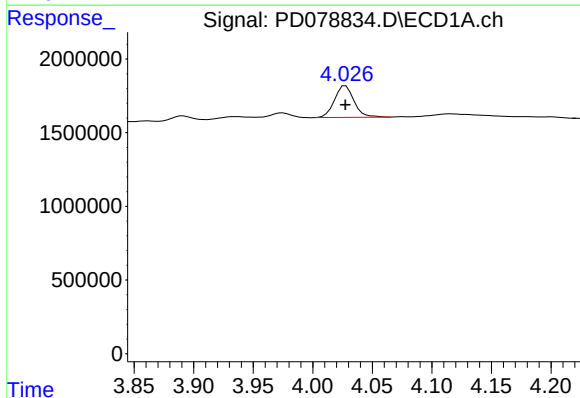
R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 29220628
Conc: 18.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



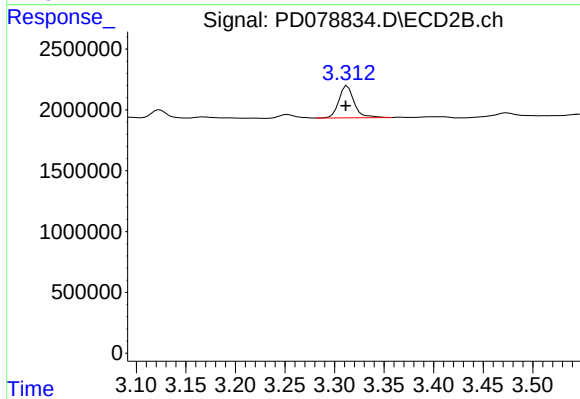
#1 Tetrachloro-m-xylene

R.T.: 2.809 min
Delta R.T.: 0.002 min
Response: 42050117
Conc: 20.88 ng/ml



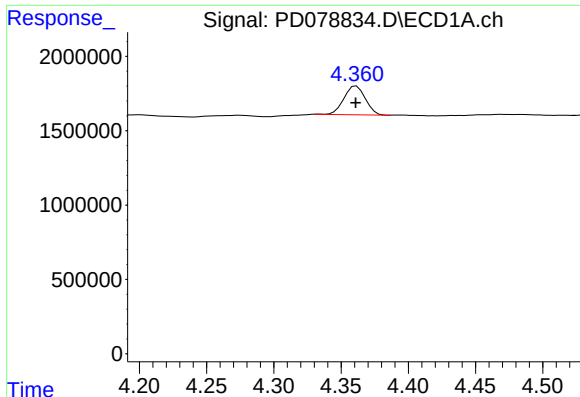
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 2444907
Conc: 0.93 ng/ml



#2 alpha-BHC

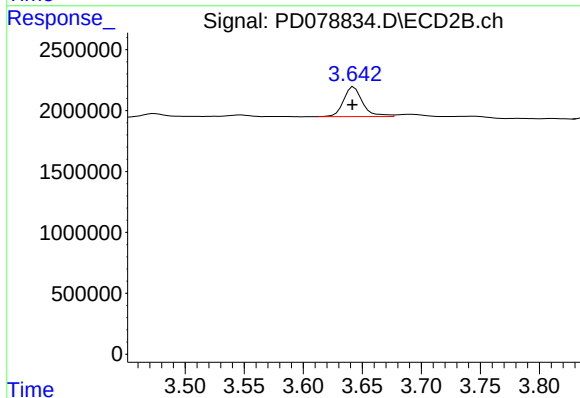
R.T.: 3.313 min
Delta R.T.: 0.002 min
Response: 2828615
Conc: 0.95 ng/ml



#3 gamma-BHC (Lindane)

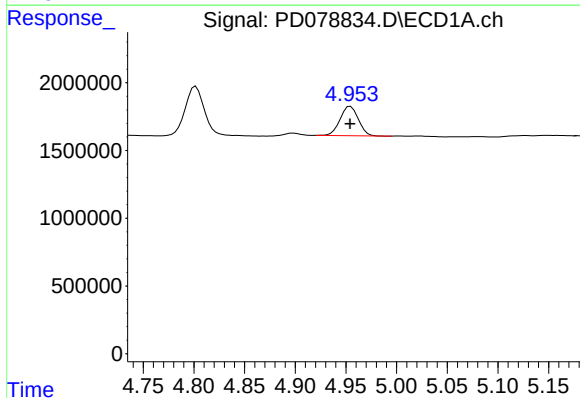
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 2142286
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



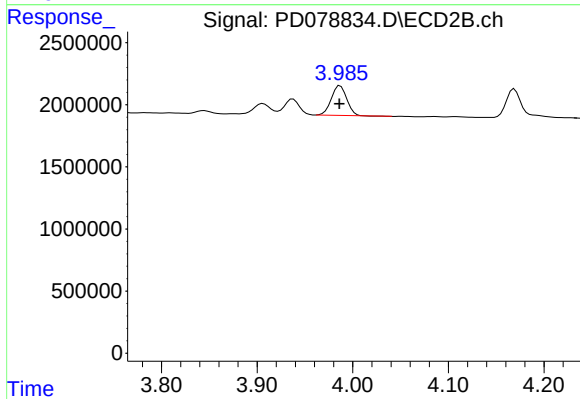
#3 gamma-BHC (Lindane)

R.T.: 3.643 min
Delta R.T.: 0.001 min
Response: 2754212
Conc: 1.02 ng/ml



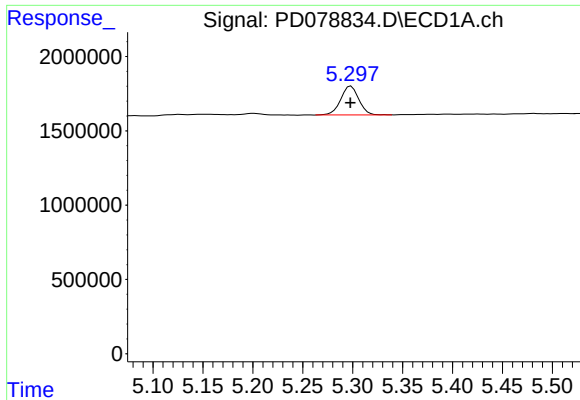
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 2713370
Conc: 1.01 ng/ml



#4 Heptachlor

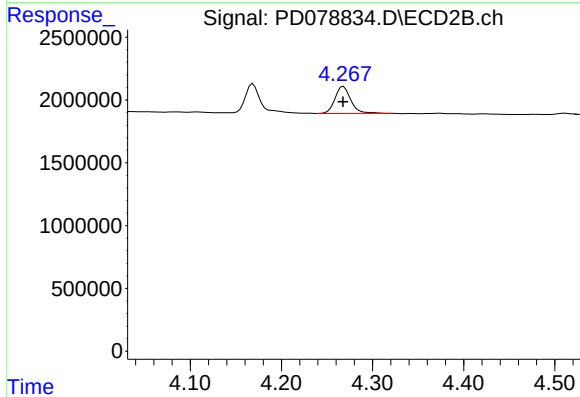
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 2610539
Conc: 1.05 ng/ml



#5 Aldrin

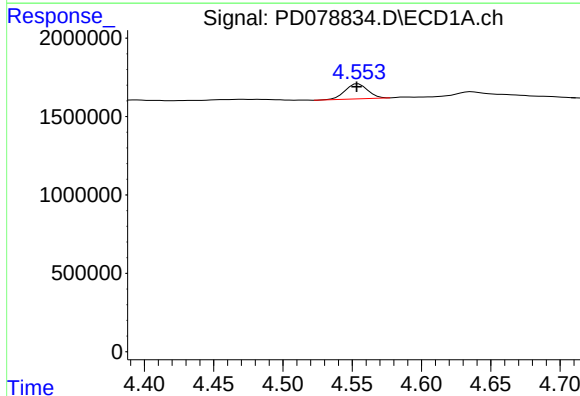
R.T.: 5.298 min
Delta R.T.: 0.000 min
Response: 2436848
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



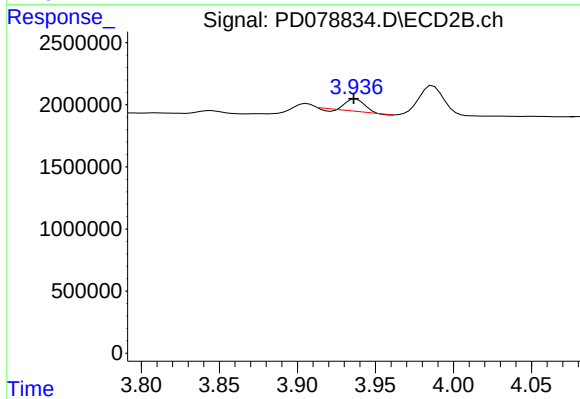
#5 Aldrin

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 2592220
Conc: 1.05 ng/ml



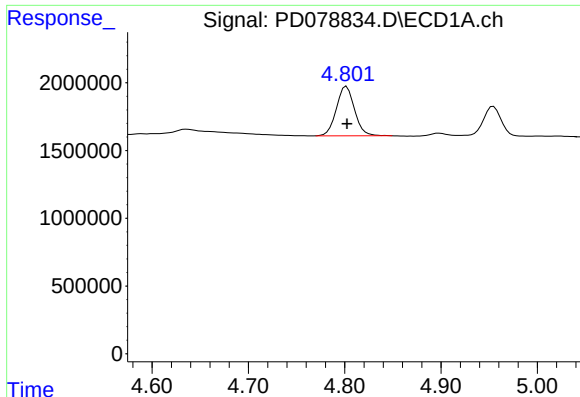
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.001 min
Response: 1085667
Conc: 0.94 ng/ml



#6 beta-BHC

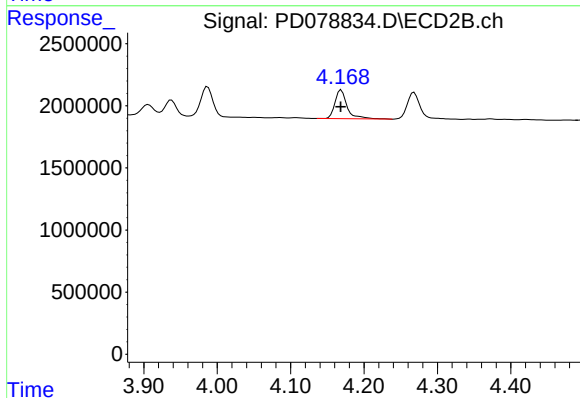
R.T.: 3.938 min
Delta R.T.: 0.001 min
Response: 816769
Conc: 0.66 ng/ml



#7 delta-BHC

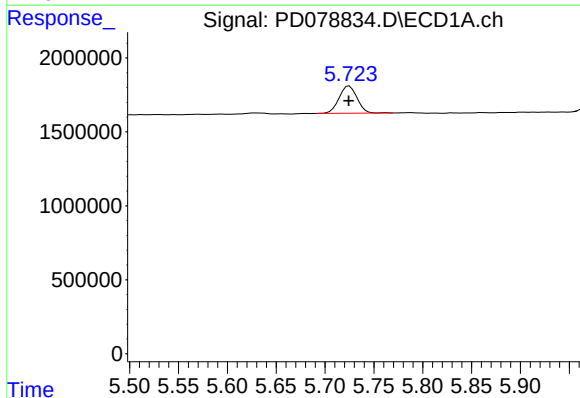
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 4783791
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



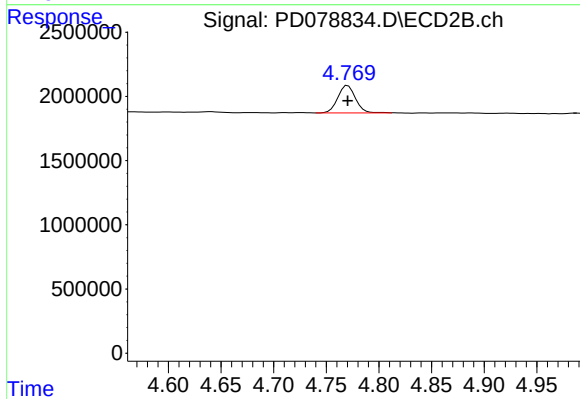
#7 delta-BHC

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 2681846
Conc: 1.00 ng/ml



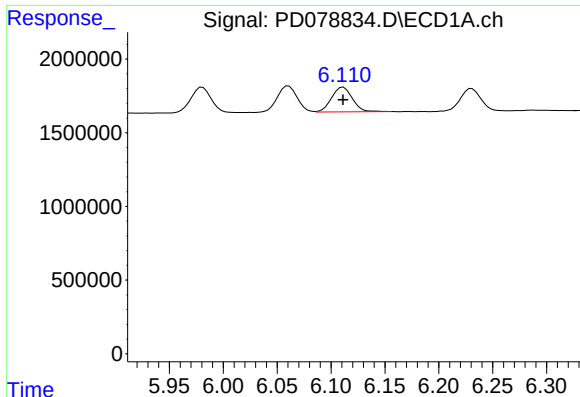
#8 Heptachlor epoxide

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 2367436
Conc: 1.01 ng/ml



#8 Heptachlor epoxide

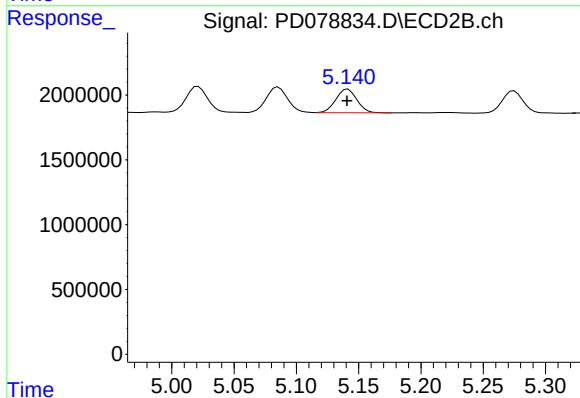
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 2516255
Conc: 1.08 ng/ml



#9 Endosulfan I

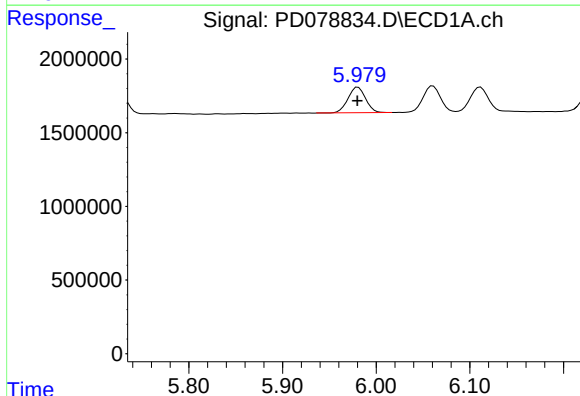
R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 2270372
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



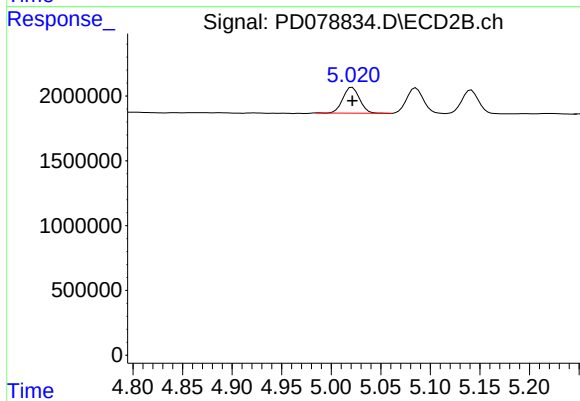
#9 Endosulfan I

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 2141965
Conc: 1.09 ng/ml



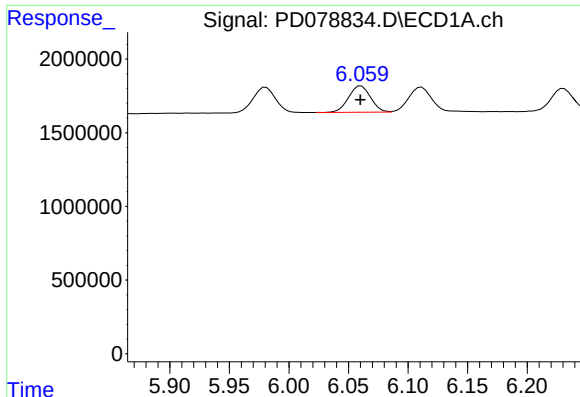
#10 trans-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 2264249
Conc: 1.01 ng/ml



#10 trans-Chlordane

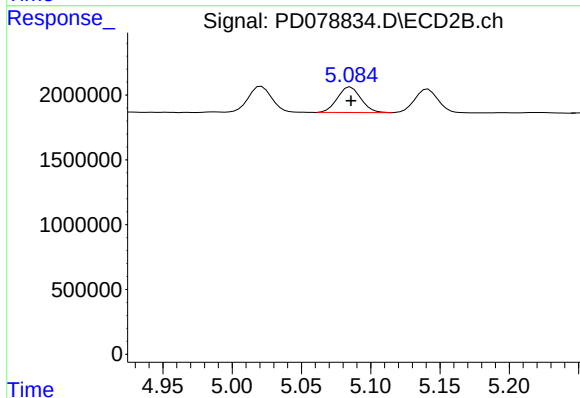
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 2341311
Conc: 1.07 ng/ml



#11 cis-Chlordane

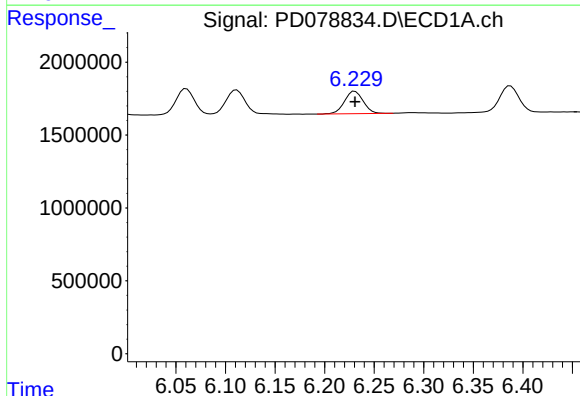
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2309135
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



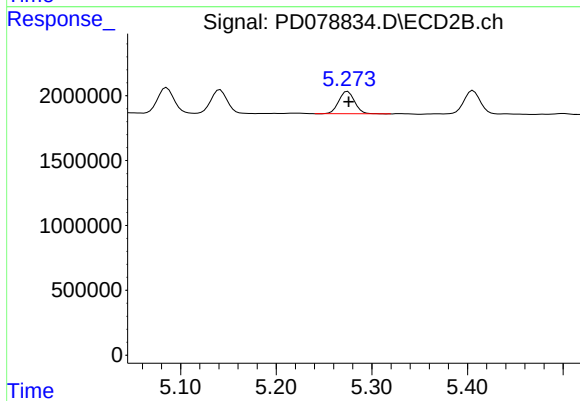
#11 cis-Chlordane

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 2328577
Conc: 1.04 ng/ml



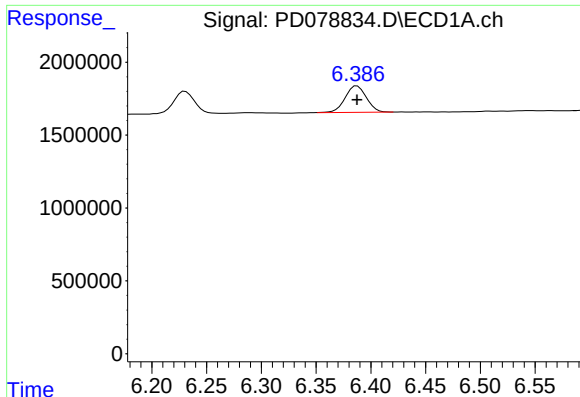
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 2031972
Conc: 0.97 ng/ml



#12 4,4'-DDE

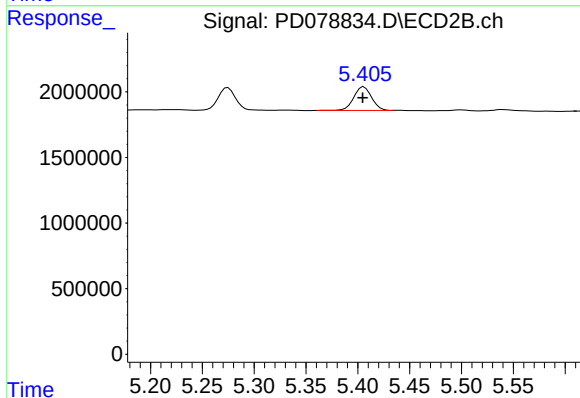
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 1994192
Conc: 1.00 ng/ml



#13 Dieldrin

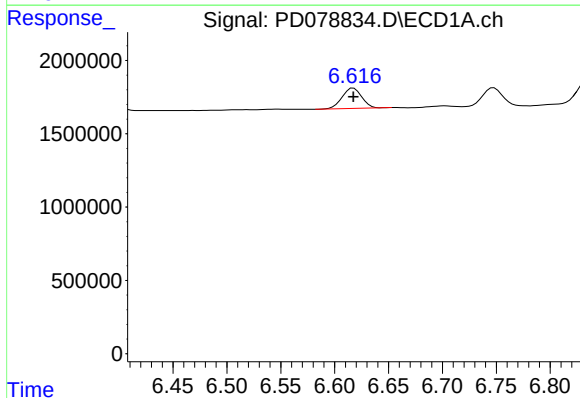
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 2445545
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



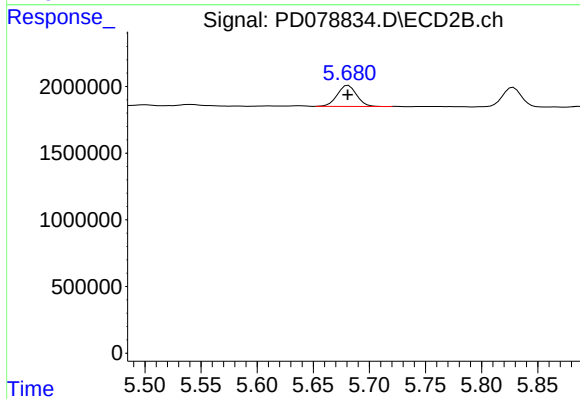
#13 Dieldrin

R.T.: 5.406 min
Delta R.T.: 0.001 min
Response: 2152725
Conc: 0.99 ng/ml



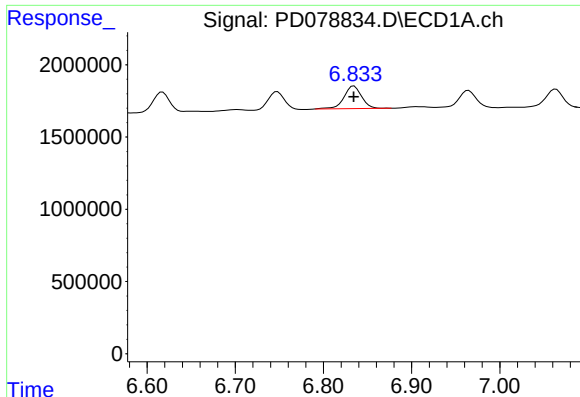
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1777826
Conc: 0.97 ng/ml



#14 Endrin

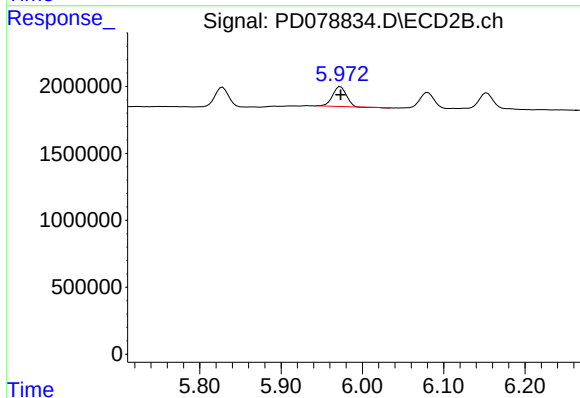
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 1869758
Conc: 1.04 ng/ml



#15 Endosulfan II

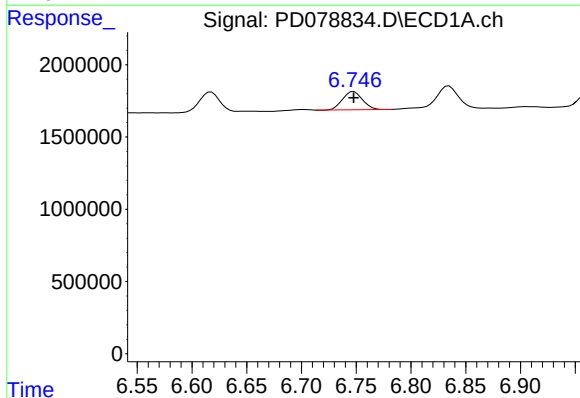
R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 2181754
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



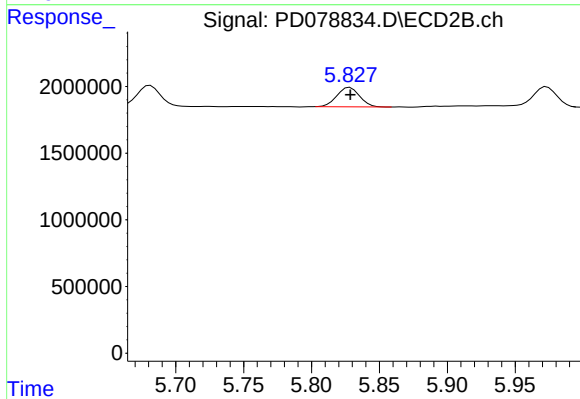
#15 Endosulfan II

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 1741943
Conc: 0.97 ng/ml



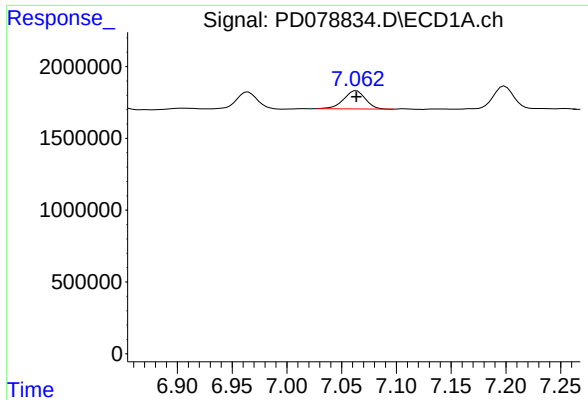
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 1595069
Conc: 0.95 ng/ml



#16 4,4'-DDD

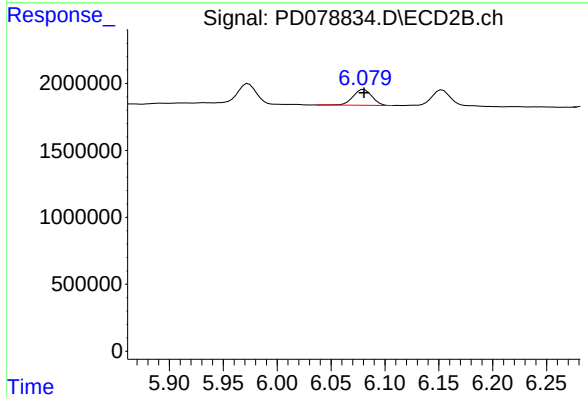
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 1695091
Conc: 1.09 ng/ml



#17 4,4'-DDT

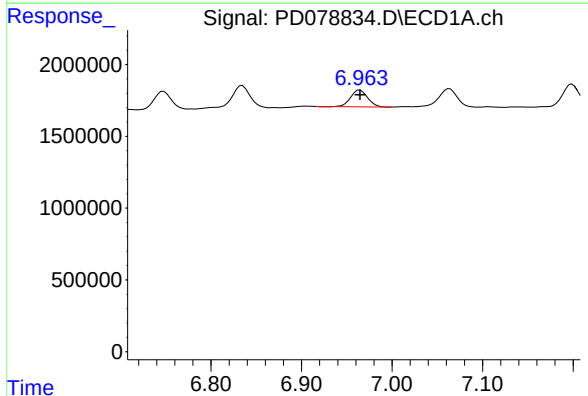
R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 1754308
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



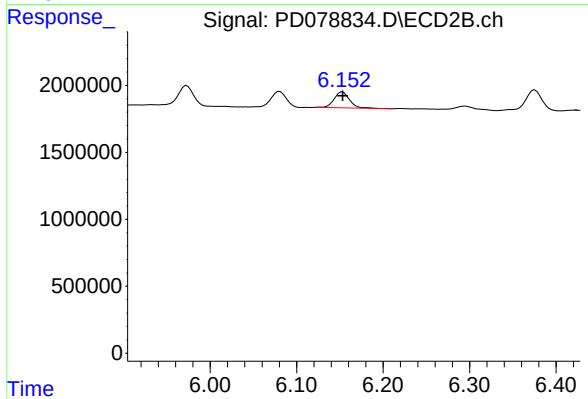
#17 4,4'-DDT

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 1439705
Conc: 0.98 ng/ml



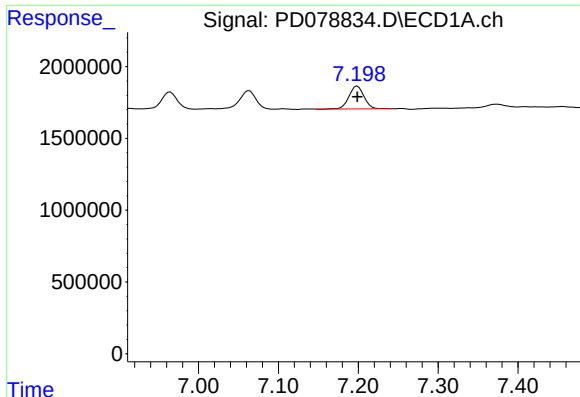
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 1530828
Conc: 1.01 ng/ml



#18 Endrin aldehyde

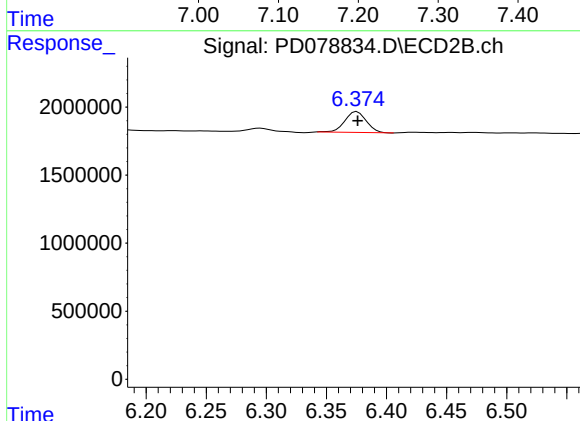
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 1447387
Conc: 1.06 ng/ml



#19 Endosulfan Sulfate

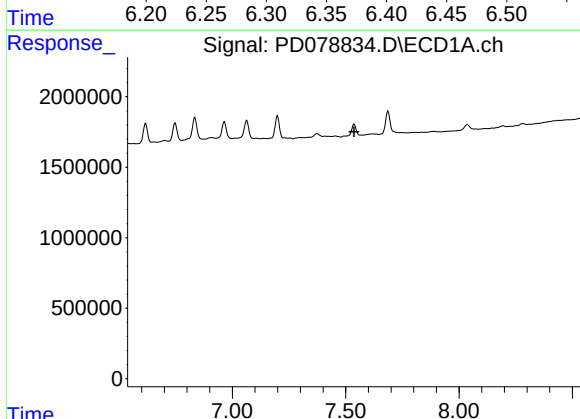
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 2059704
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



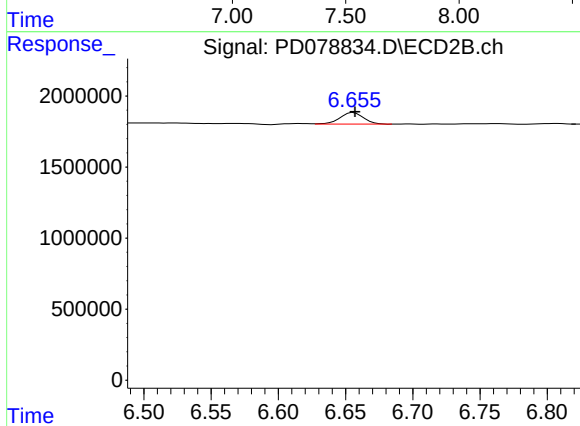
#19 Endosulfan Sulfate

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 1909292
Conc: 1.16 ng/ml



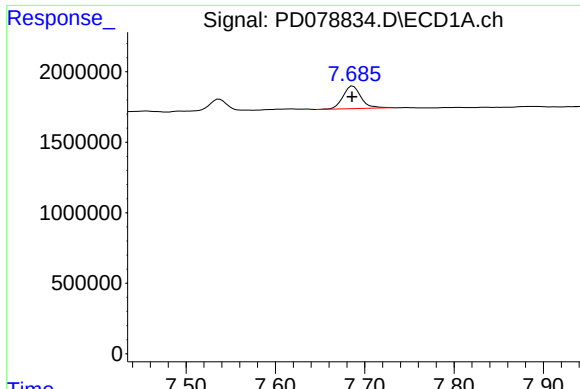
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.537 min
Response: 0
Conc: N.D.



#20 Methoxychlor

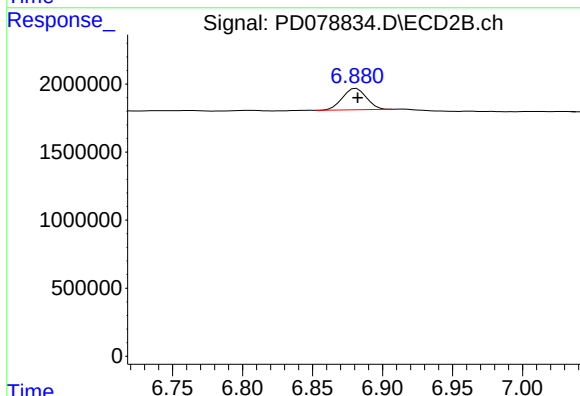
R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 1003233
Conc: 1.28 ng/ml



#21 Endrin ketone

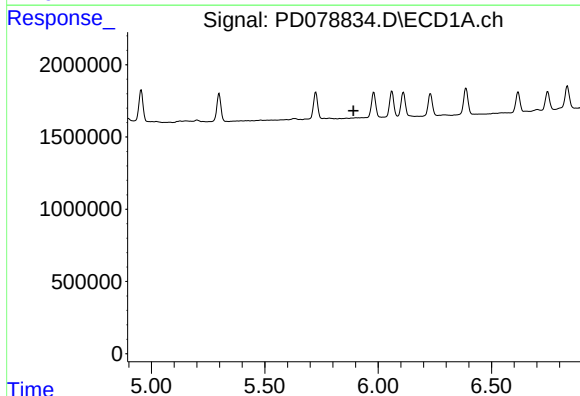
R.T.: 7.687 min
Delta R.T.: 0.001 min
Response: 2246526
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



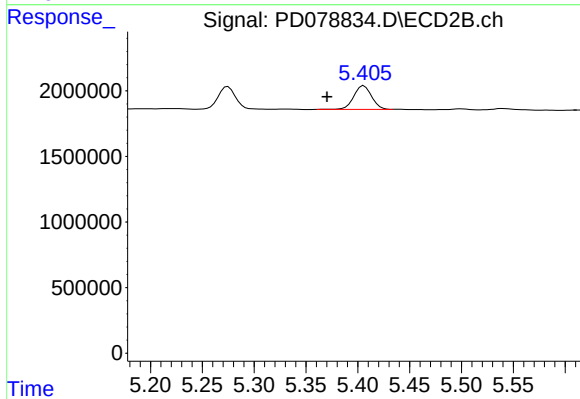
#21 Endrin ketone

R.T.: 6.881 min
Delta R.T.: -0.001 min
Response: 1870954
Conc: 1.03 ng/ml



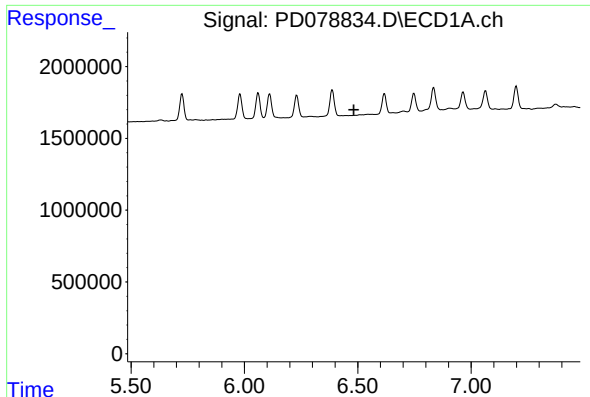
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.891 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

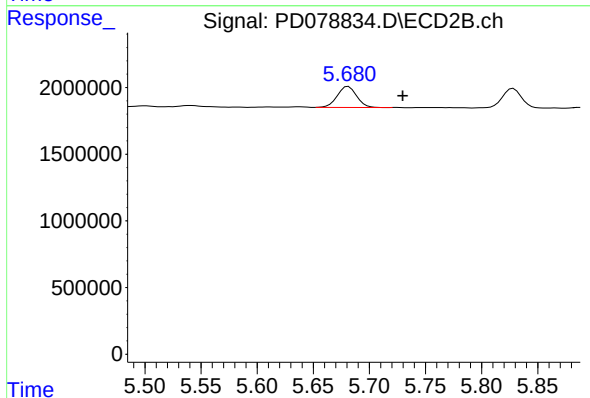
R.T.: 5.406 min
Delta R.T.: 0.036 min
Response: 2152725
Conc: 190.95 ng/ml



#23 Toxaphene-2

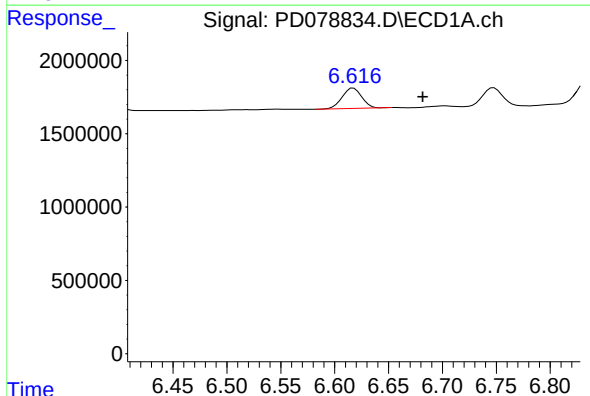
R.T.: 0.000 min
Exp R.T.: 6.482 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



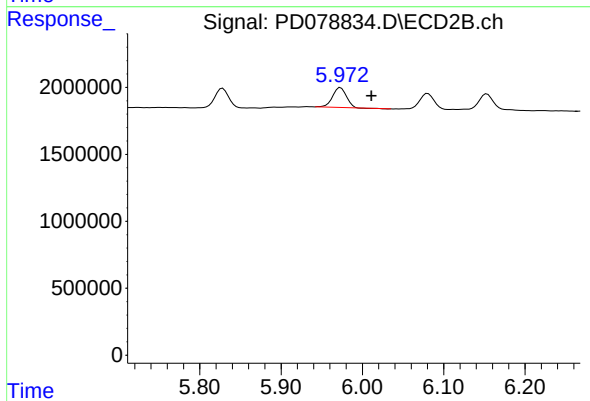
#23 Toxaphene-2

R.T.: 5.681 min
Delta R.T.: -0.049 min
Response: 1869758
Conc: 178.06 ng/ml



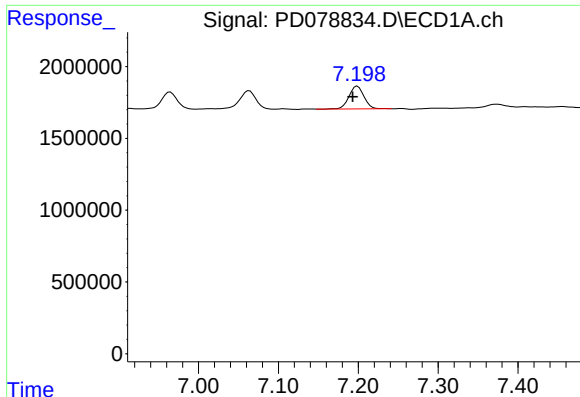
#24 Toxaphene-3

R.T.: 6.617 min
Delta R.T.: -0.064 min
Response: 1777826
Conc: 126.95 ng/ml



#24 Toxaphene-3

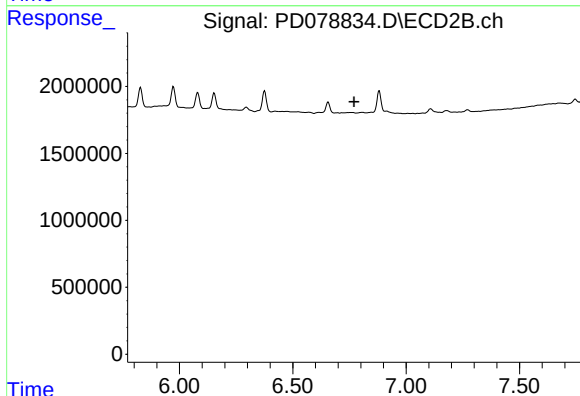
R.T.: 5.973 min
Delta R.T.: -0.038 min
Response: 1741943
Conc: 137.78 ng/ml



#25 Toxaphene-4

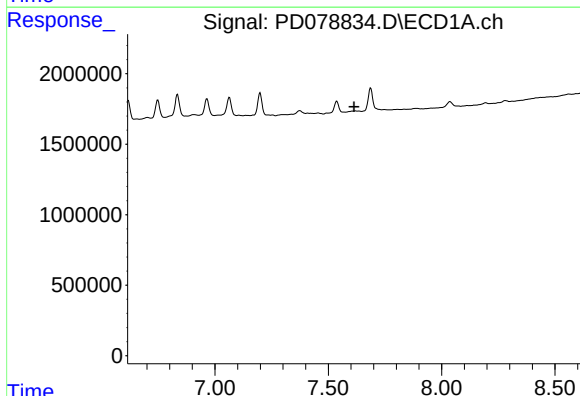
R.T.: 7.199 min
Delta R.T.: 0.006 min
Response: 2059704
Conc: 49.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



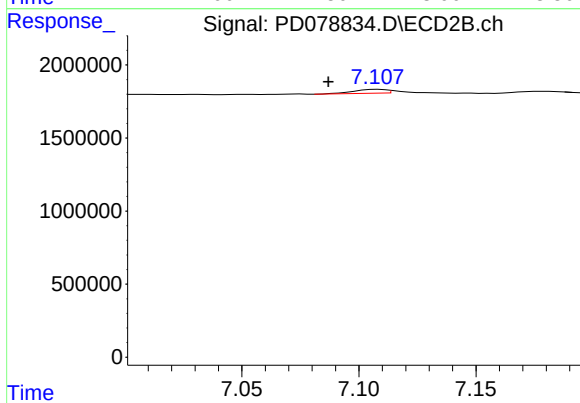
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 6.770 min
Response: 0
Conc: N.D.



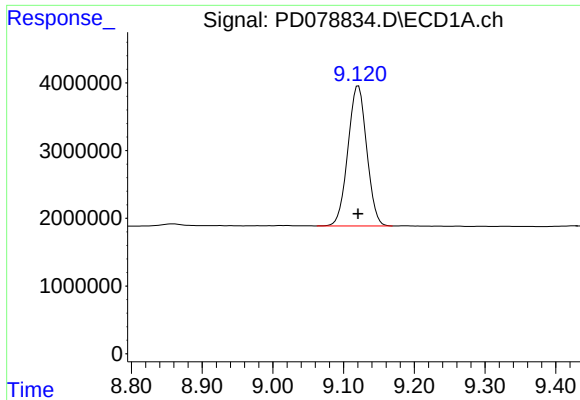
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.614 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

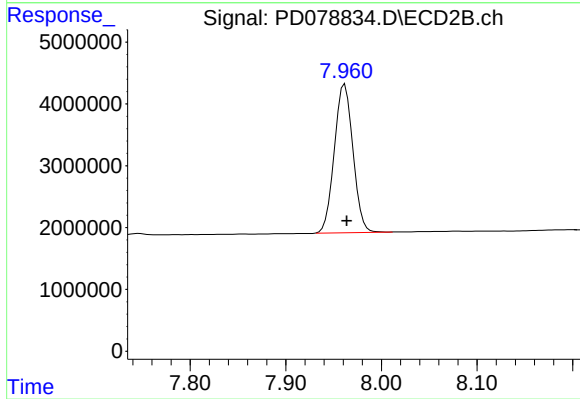
R.T.: 7.108 min
Delta R.T.: 0.021 min
Response: 274576
Conc: 14.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 38210979
Conc: 20.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.962 min
Delta R.T.: -0.002 min
Response: 32496490
Conc: 22.35 ng/ml