

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 04:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 06:27:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 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...	3.540	2.757	52147967	37826139	18.065	18.521
28) SA Decachlor...	9.077	7.893	64231227	38085408	17.320	16.784
Target Compounds						
2) A alpha-BHC	3.996	3.258	41224982	26494193	8.489	8.839
3) MA gamma-BHC...	4.329	3.588	39534385	24517505	8.451	8.463
4) MA Heptachlor	0.000	3.940	0	91375	N.D.	0.031 #
5) MB Aldrin	0.000	4.218	0	361114	N.D.	0.122 #
6) B beta-BHC	4.527	3.885	18119657	11667930	9.756	10.096
7) B delta-BHC	4.763	0.000	386221	0	0.086	N.D. #
8) B Heptachlo...	5.685	0.000	606556	0	0.144	N.D. #
9) A Endosulfan I	6.101f	5.070	125867	53164	0.032	0.021 #
10) B gamma-Chl...	5.919f	4.965	606120	437872	0.144	0.163
11) B alpha-Chl...	6.052f	5.045f	116567	469554	0.028	0.175 #
12) B 4,4'-DDE	6.199	5.211	295164	273551	0.074	0.108 #
13) MA Dieldrin	6.376f	0.000	475015	0	0.113	N.D. #
14) MA Endrin	6.583	5.618	139.8E6	108.7E6	41.614	43.931
15) B Endosulfa...	6.815	5.925	935699	384529	0.260	0.162 #
16) A 4,4'-DDD	6.718	5.765	3266153	2310998	1.098	1.168
17) MA 4,4'-DDT	7.032	6.016	277.0E6	205.0E6	93.600	100.726
18) B Endrin al...	6.933	6.092	2561288	2773291	0.959	1.496 #
20) A Methoxychlor	7.508	6.591	375.7E6	261.0E6	225.116	239.219
21) B Endrin ke...	7.654	6.821	6033661	5402544	1.679	2.058
24) Chlordane-2	0.000	4.305f	0	417488	N.D.	5.391 #
25) Chlordane-3	5.919f	4.965	606120	437872	1.036	1.699 #
26) Chlordane-4	6.052f	5.045f	116567	469554	0.165	1.870 #
27) Chlordane-5	0.000	5.925	0	384529	N.D.	4.475 #

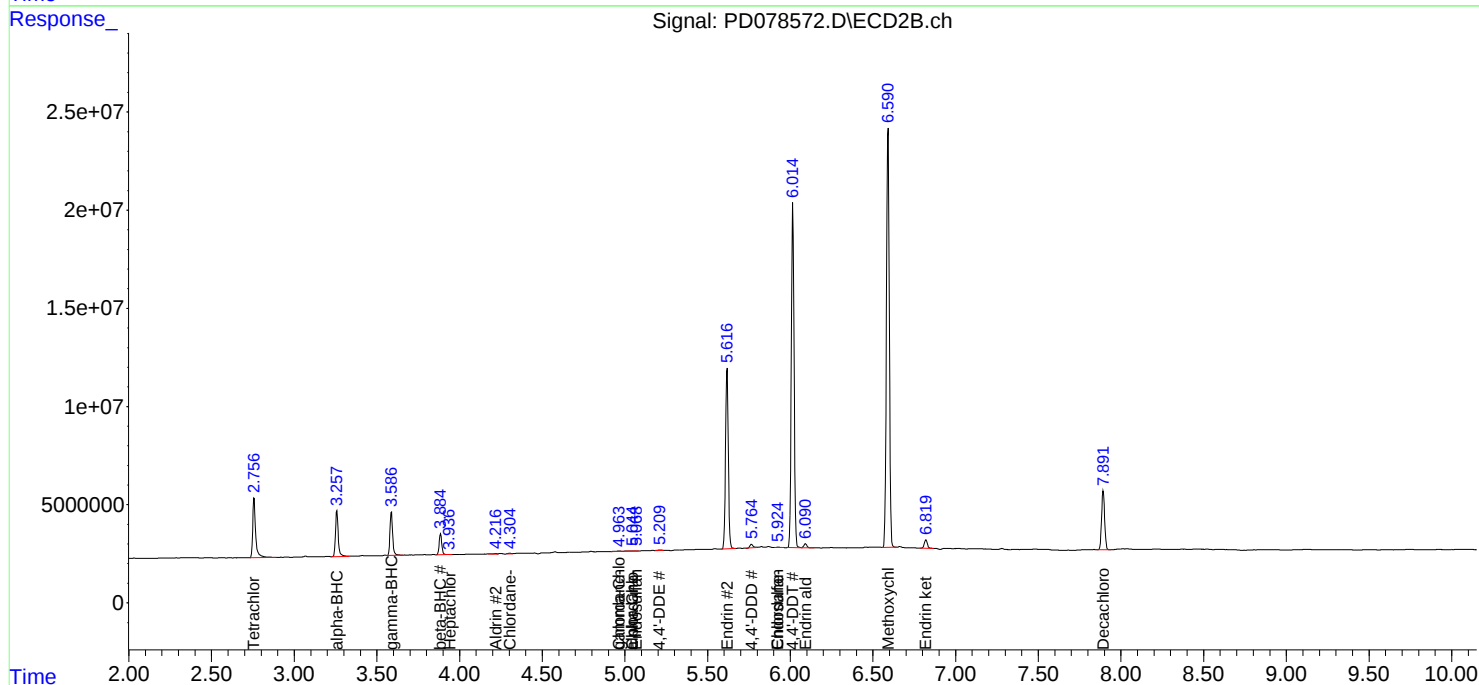
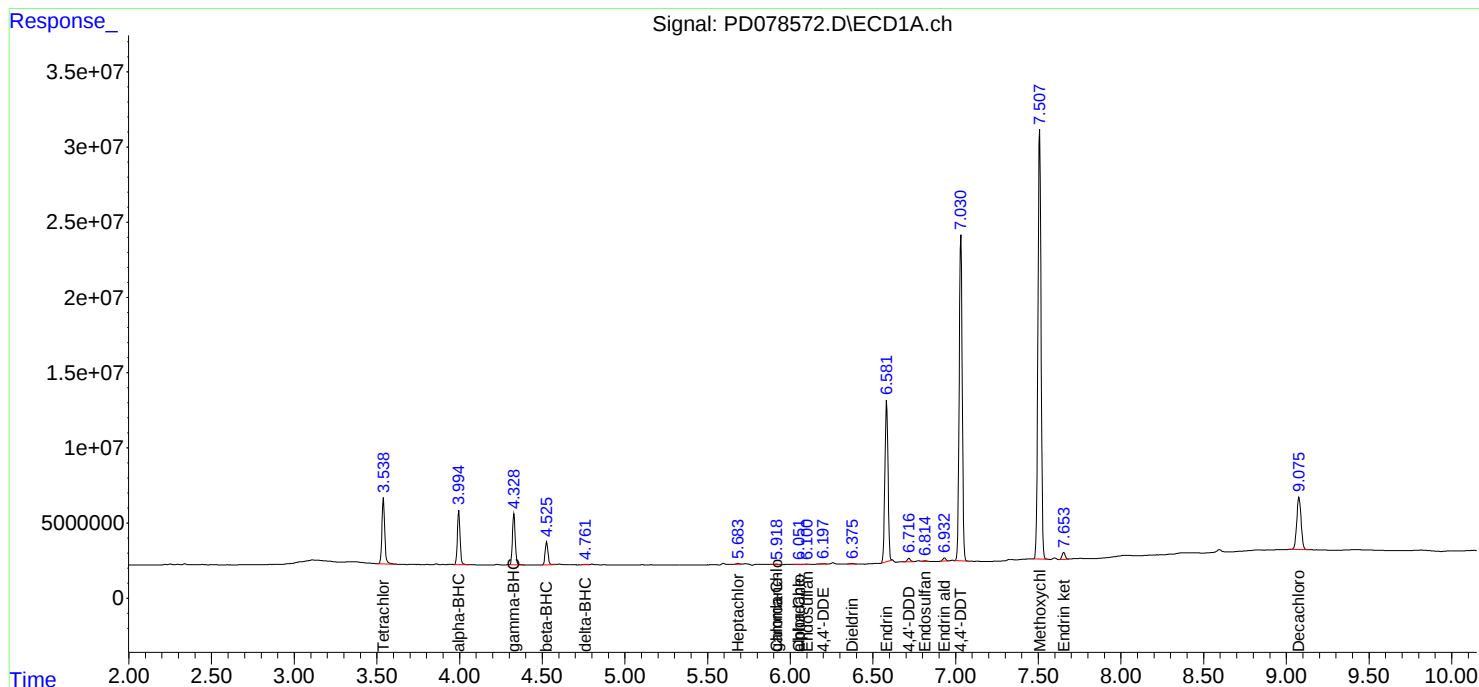
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

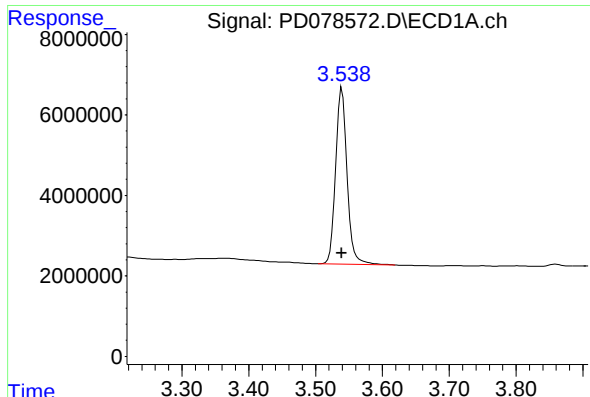
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 04:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 06:27:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

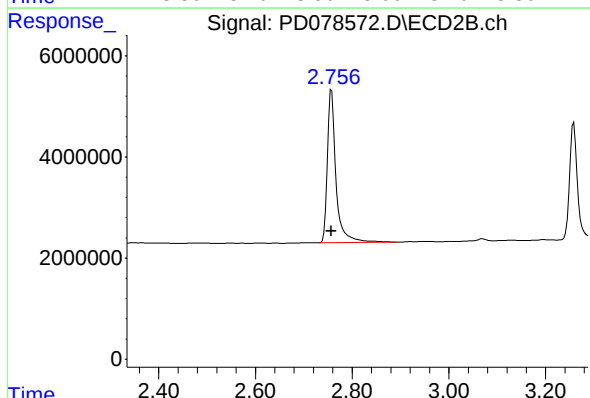




#1 Tetrachloro-m-xylene

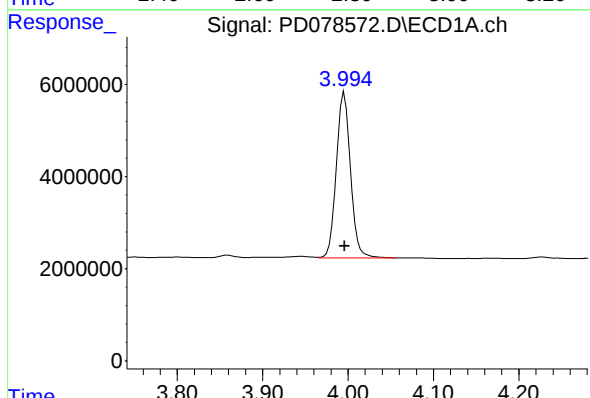
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 52147967
Conc: 18.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



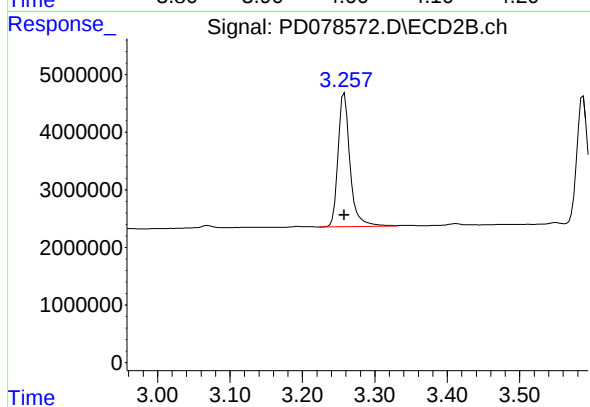
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 37826139
Conc: 18.52 ng/ml



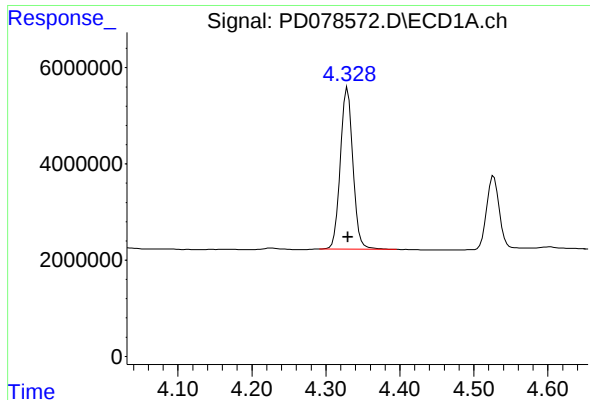
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 41224982
Conc: 8.49 ng/ml



#2 alpha-BHC

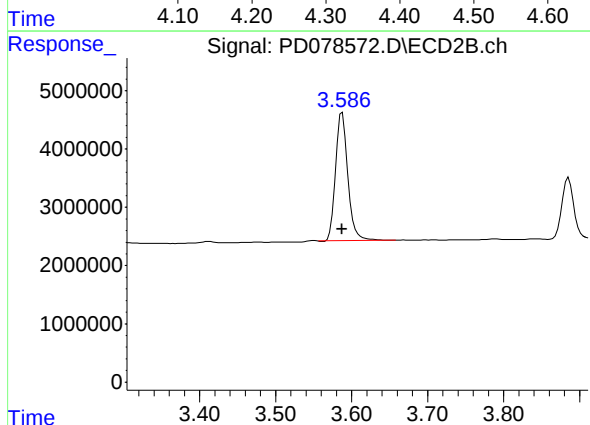
R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 26494193
Conc: 8.84 ng/ml



#3 gamma-BHC (Lindane)

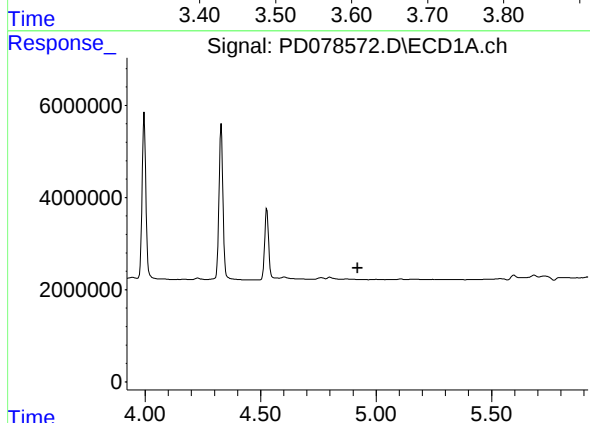
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 39534385
Conc: 8.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



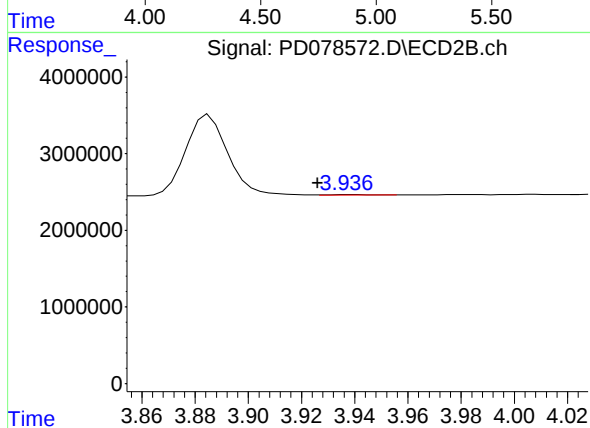
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 24517505
Conc: 8.46 ng/ml



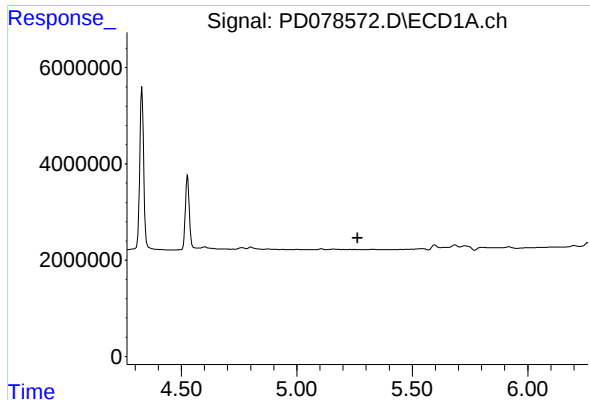
#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 4.920 min
Response: 0
Conc: N.D.



#4 Heptachlor

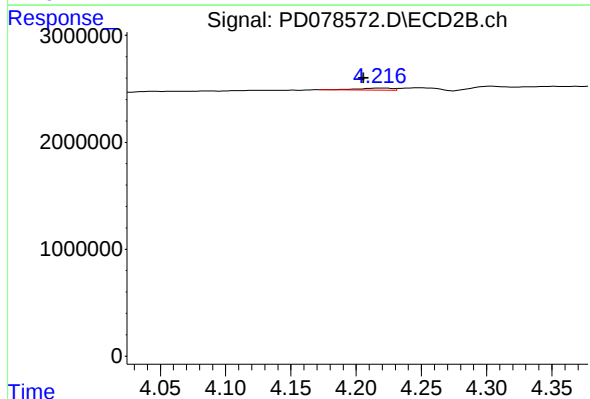
R.T.: 3.940 min
Delta R.T.: 0.014 min
Response: 91375
Conc: 0.03 ng/ml



#5 Aldrin

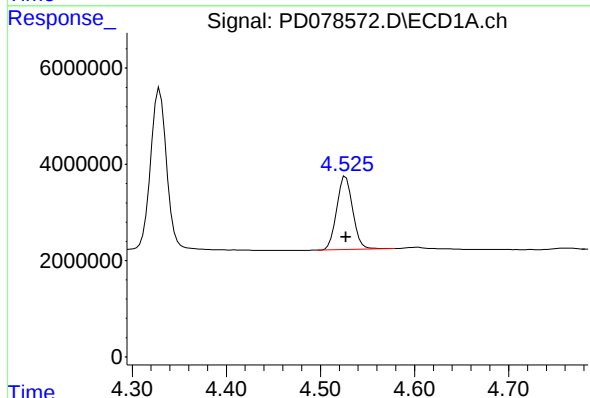
R.T.: 0.000 min
Exp R.T.: 5.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



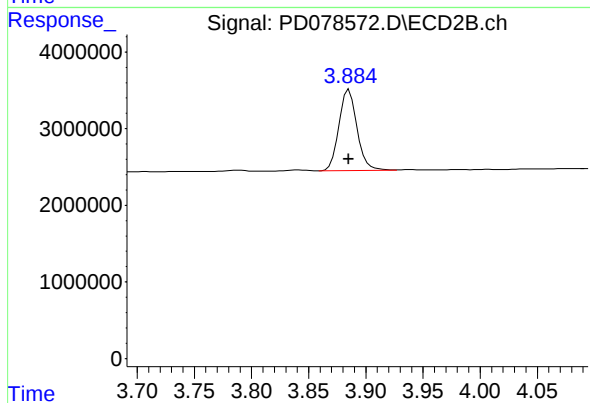
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: 0.012 min
Response: 361114
Conc: 0.12 ng/ml



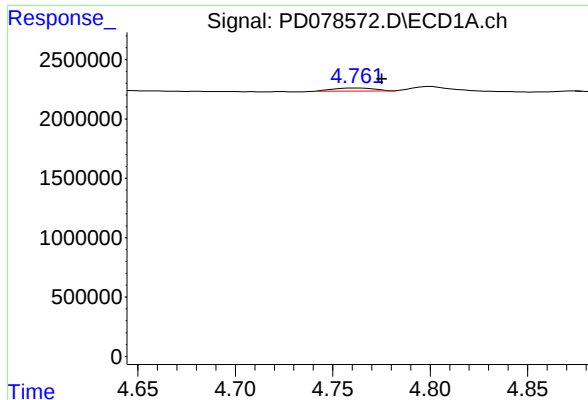
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 18119657
Conc: 9.76 ng/ml



#6 beta-BHC

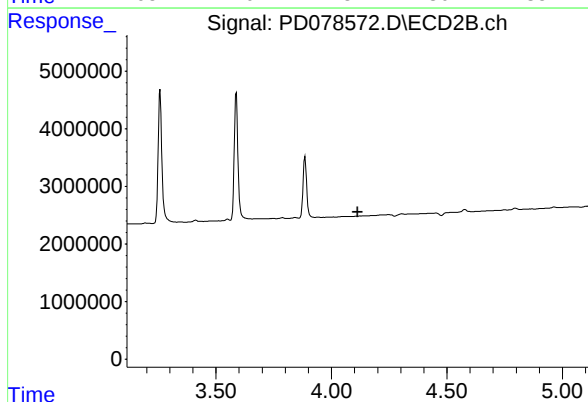
R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 11667930
Conc: 10.10 ng/ml



#7 delta-BHC

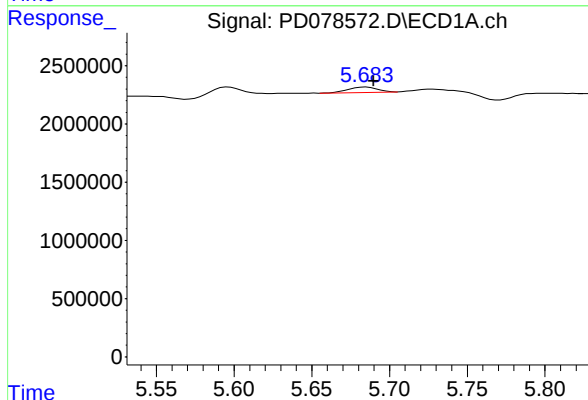
R.T.: 4.763 min
Delta R.T.: -0.012 min
Response: 386221
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



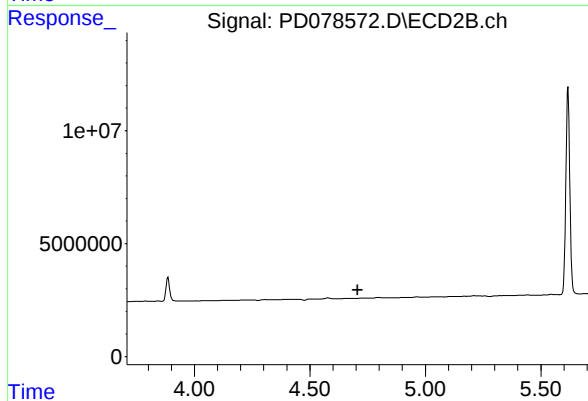
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.114 min
Response: 0
Conc: N.D.



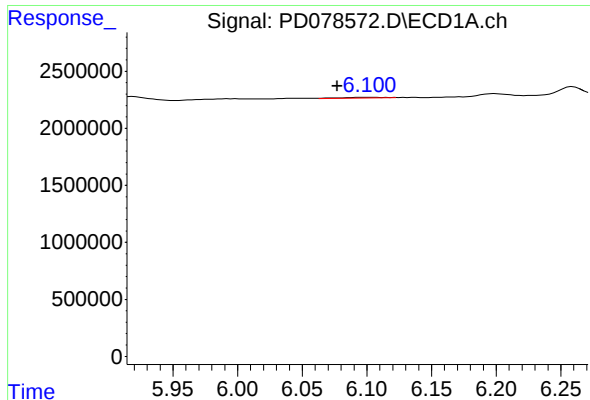
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.005 min
Response: 606556
Conc: 0.14 ng/ml



#8 Heptachlor epoxide

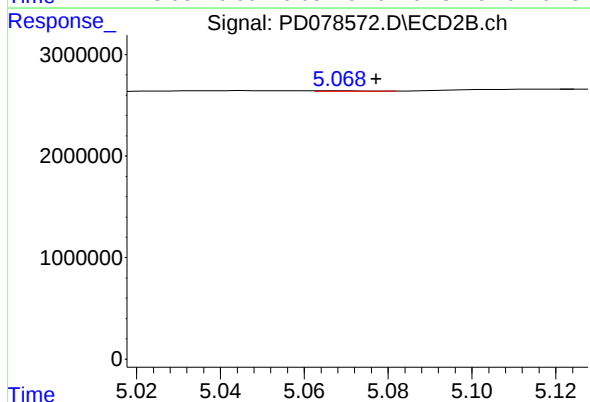
R.T.: 0.000 min
Exp R.T. : 4.707 min
Response: 0
Conc: N.D.



#9 Endosulfan I

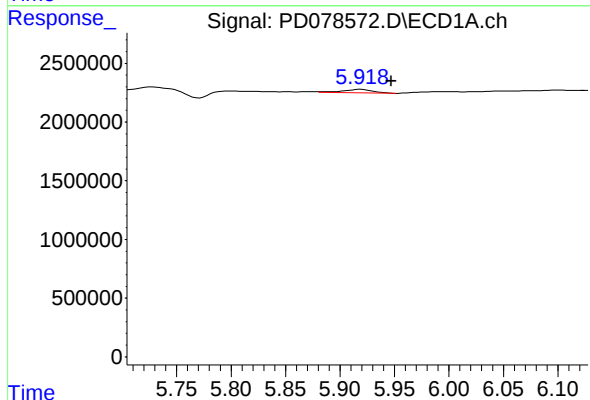
R.T.: 6.101 min
Delta R.T.: 0.024 min
Response: 125867
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



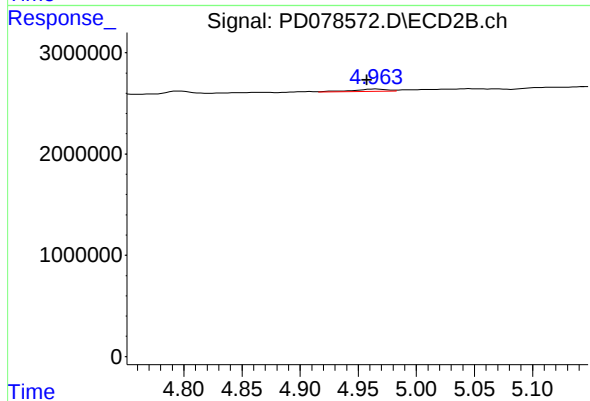
#9 Endosulfan I

R.T.: 5.070 min
Delta R.T.: -0.007 min
Response: 53164
Conc: 0.02 ng/ml



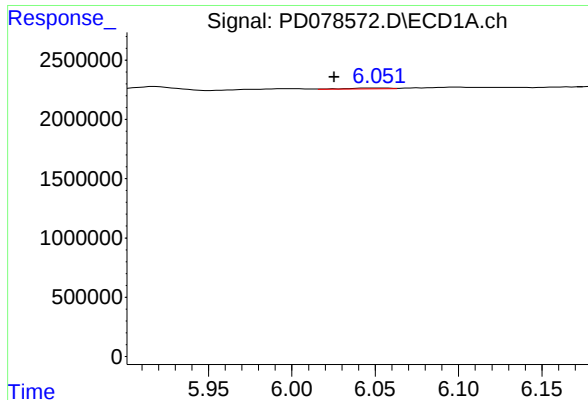
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.028 min
Response: 606120
Conc: 0.14 ng/ml



#10 gamma-Chlordane

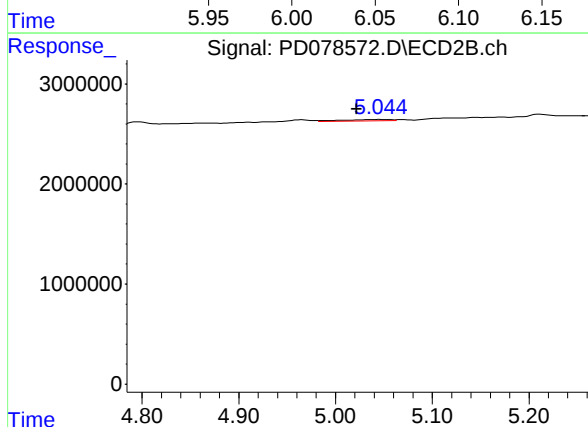
R.T.: 4.965 min
Delta R.T.: 0.007 min
Response: 437872
Conc: 0.16 ng/ml



#11 alpha-Chlordane

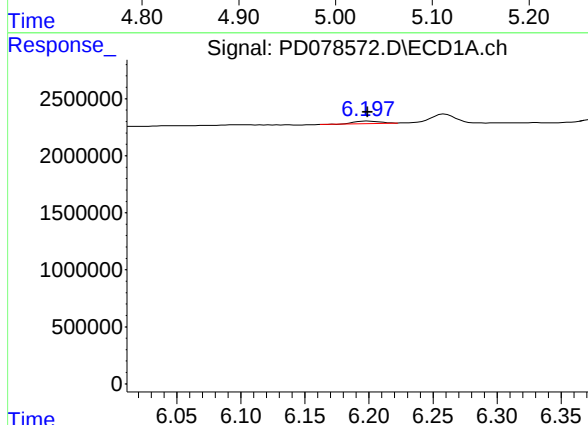
R.T.: 6.052 min
Delta R.T.: 0.027 min
Response: 116567
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



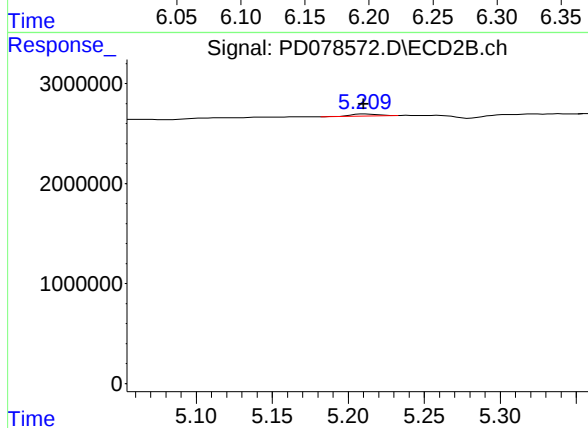
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.023 min
Response: 469554
Conc: 0.17 ng/ml



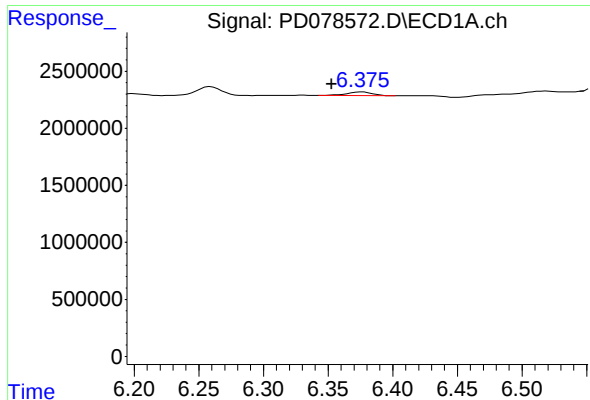
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 295164
Conc: 0.07 ng/ml



#12 4,4'-DDE

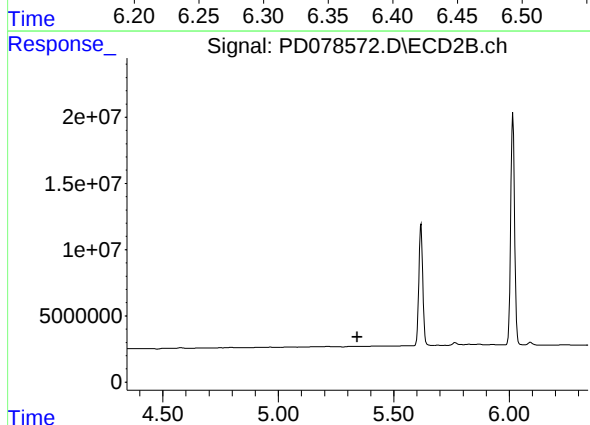
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 273551
Conc: 0.11 ng/ml



#13 Dieldrin

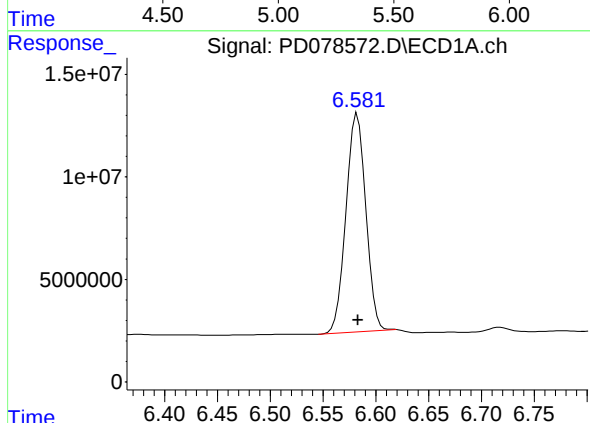
R.T.: 6.376 min
Delta R.T.: 0.024 min
Response: 475015
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



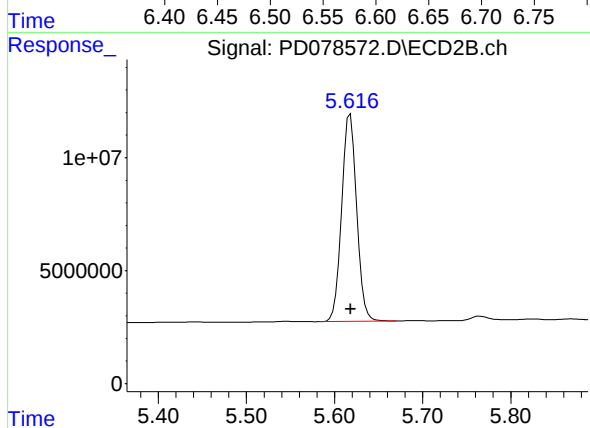
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.342 min
Response: 0
Conc: N.D.



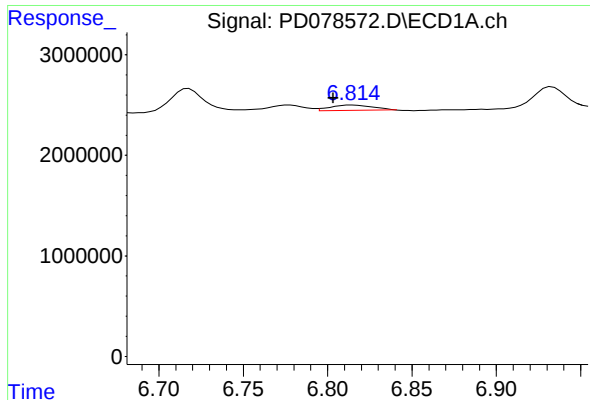
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 139752232
Conc: 41.61 ng/ml



#14 Endrin

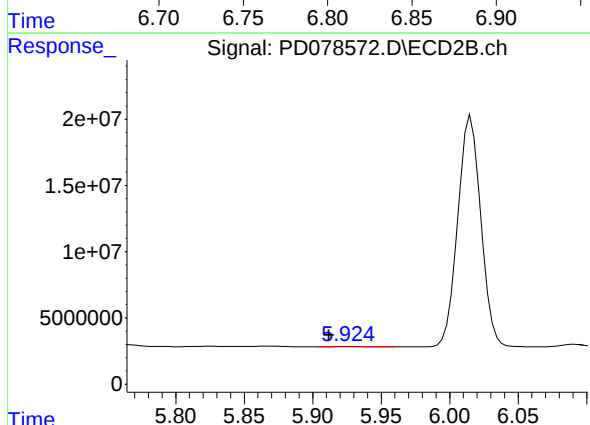
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 108694715
Conc: 43.93 ng/ml



#15 Endosulfan II

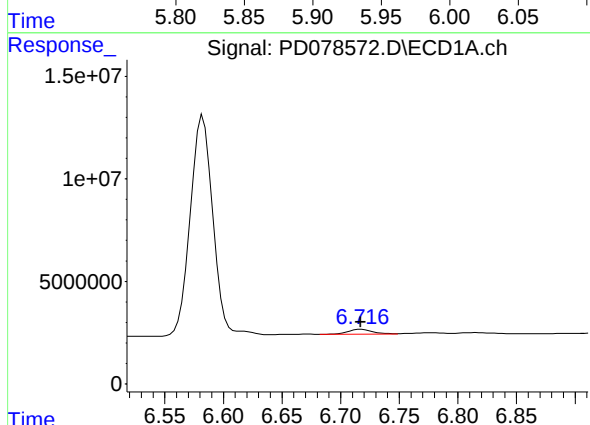
R.T.: 6.815 min
Delta R.T.: 0.012 min
Response: 935699
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



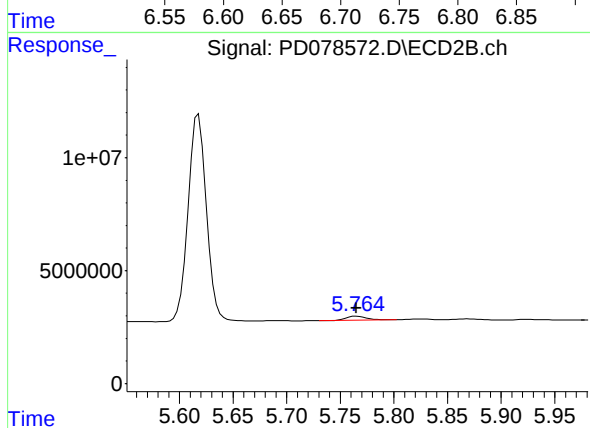
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.013 min
Response: 384529
Conc: 0.16 ng/ml



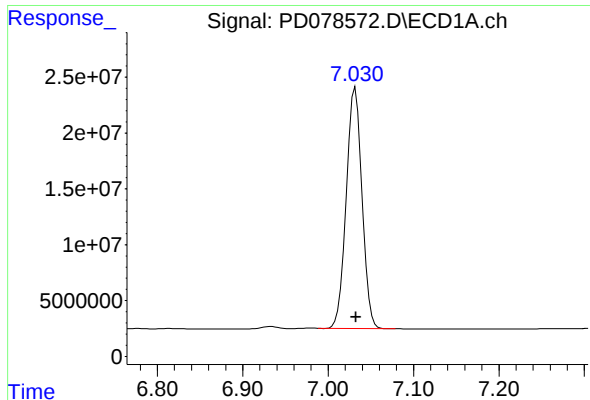
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 3266153
Conc: 1.10 ng/ml



#16 4,4'-DDD

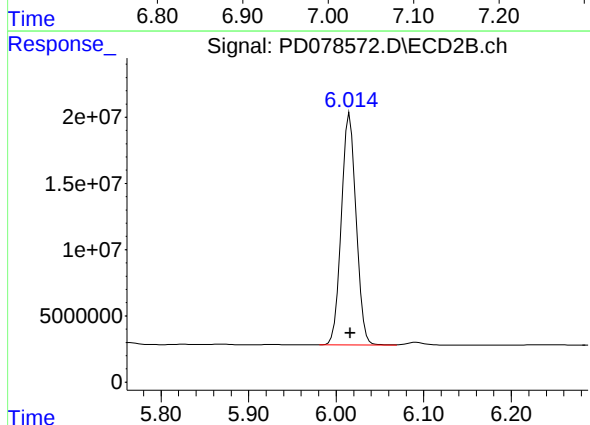
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 2310998
Conc: 1.17 ng/ml



#17 4,4'-DDT

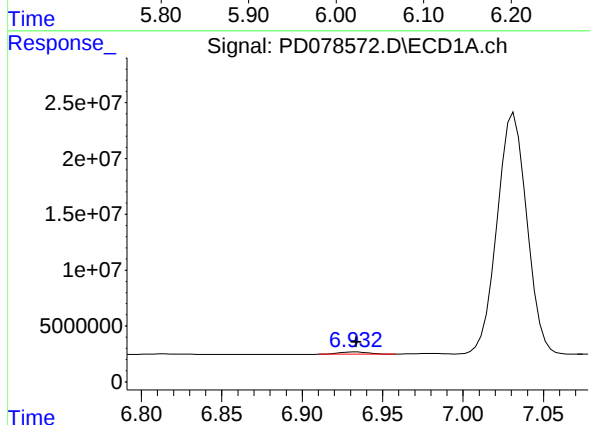
R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 276989621
Conc: 93.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



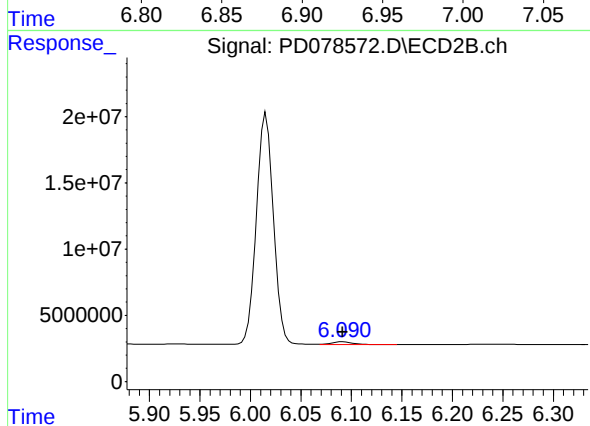
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 205027841
Conc: 100.73 ng/ml



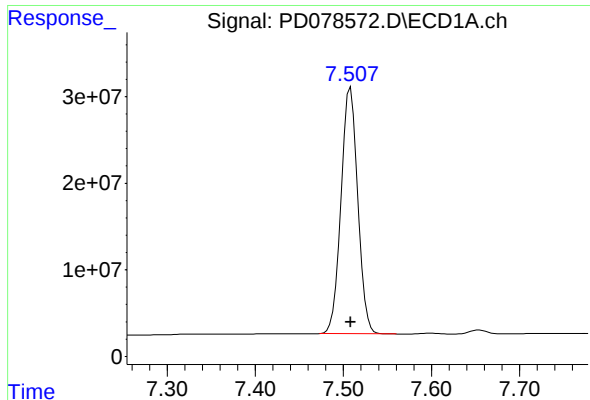
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2561288
Conc: 0.96 ng/ml



#18 Endrin aldehyde

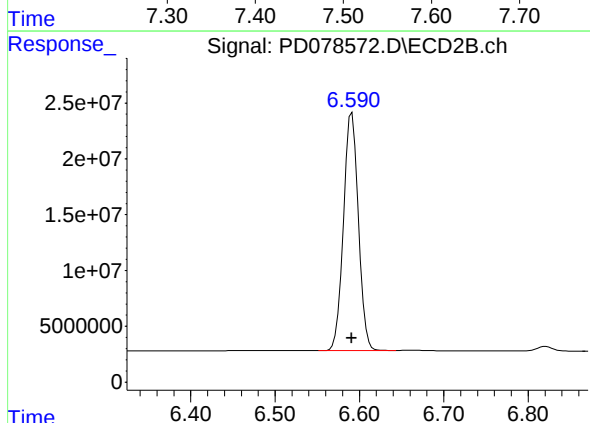
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 2773291
Conc: 1.50 ng/ml



#20 Methoxychlor

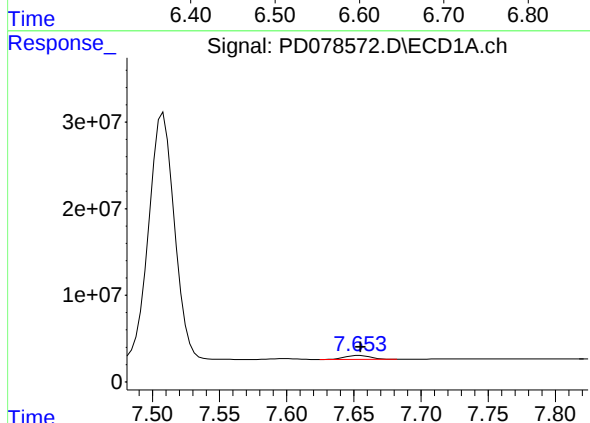
R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 375702606
Conc: 225.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



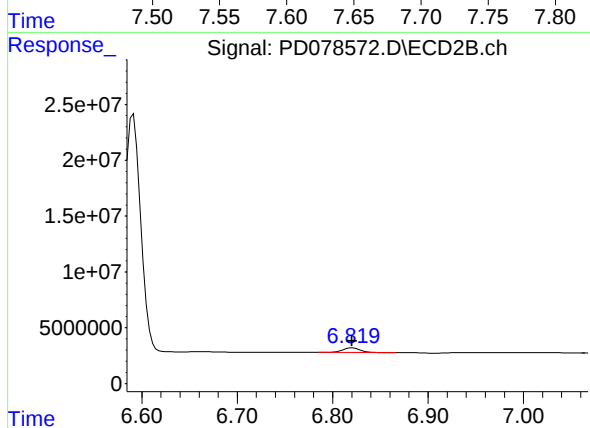
#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 260995121
Conc: 239.22 ng/ml



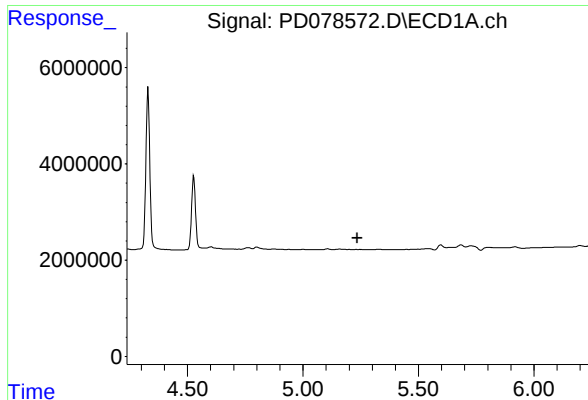
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 6033661
Conc: 1.68 ng/ml



#21 Endrin ketone

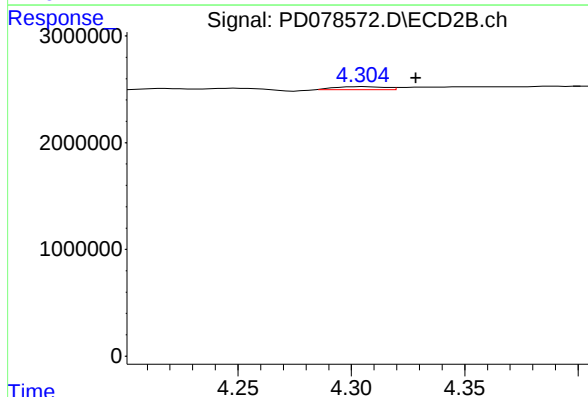
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 5402544
Conc: 2.06 ng/ml



#24 Chlordane-2

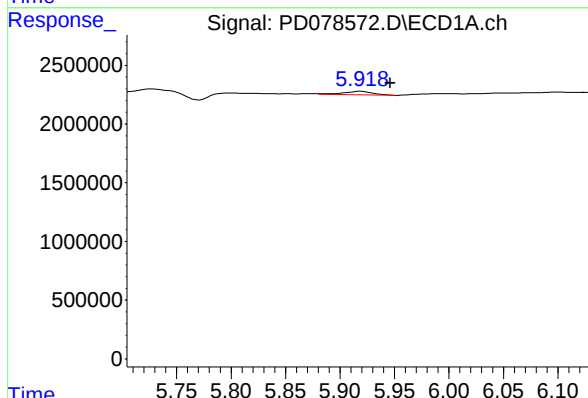
R.T.: 0.000 min
Exp R.T.: 5.235 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



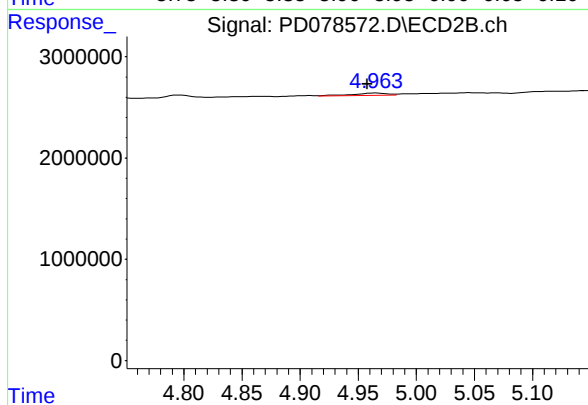
#24 Chlordane-2

R.T.: 4.305 min
Delta R.T.: -0.023 min
Response: 417488
Conc: 5.39 ng/ml



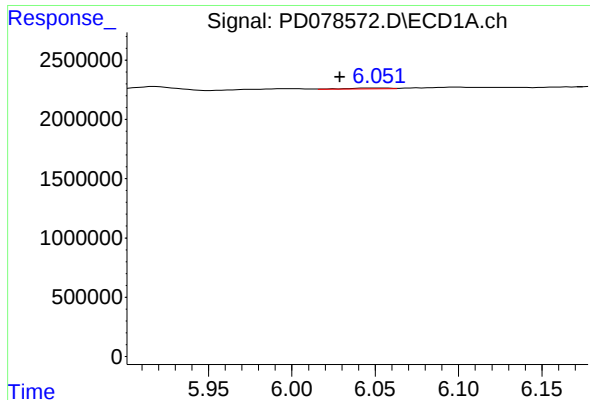
#25 Chlordane-3

R.T.: 5.919 min
Delta R.T.: -0.027 min
Response: 606120
Conc: 1.04 ng/ml



#25 Chlordane-3

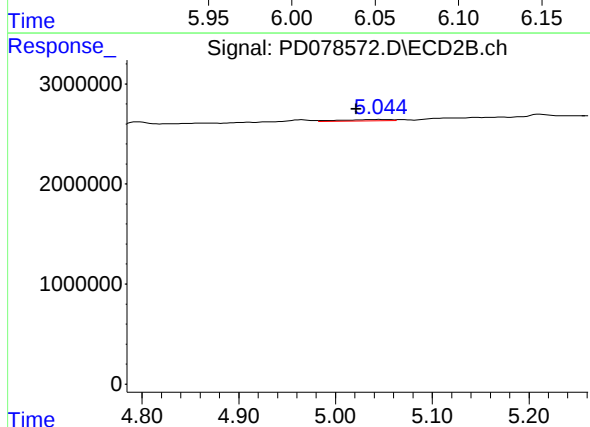
R.T.: 4.965 min
Delta R.T.: 0.007 min
Response: 437872
Conc: 1.70 ng/ml



#26 Chlordane-4

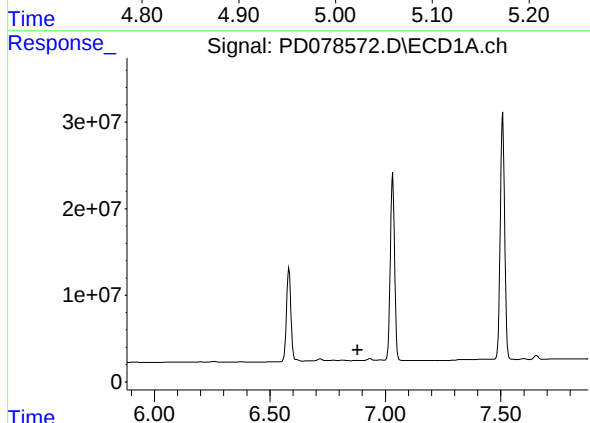
R.T.: 6.052 min
Delta R.T.: 0.023 min
Response: 116567
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



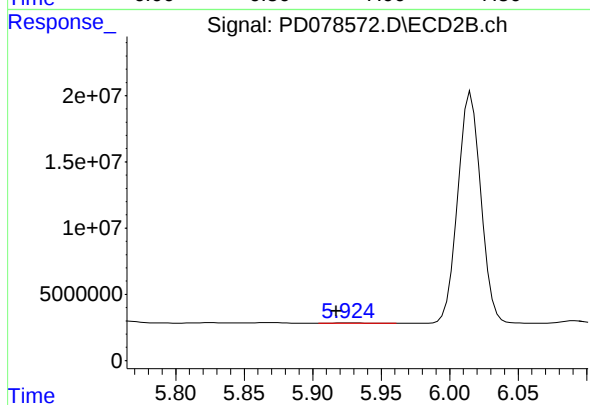
#26 Chlordane-4

R.T.: 5.045 min
Delta R.T.: 0.024 min
Response: 469554
Conc: 1.87 ng/ml



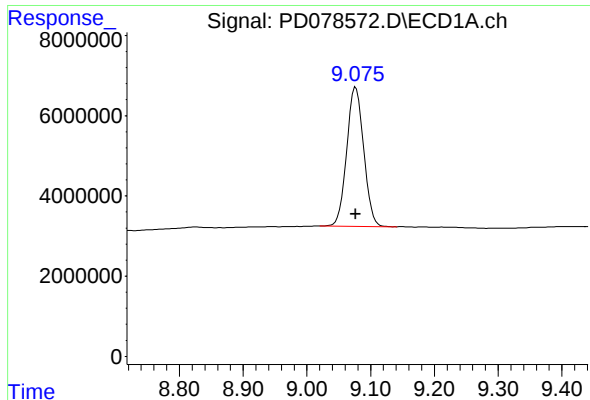
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.881 min
Response: 0
Conc: N.D.



#27 Chlordane-5

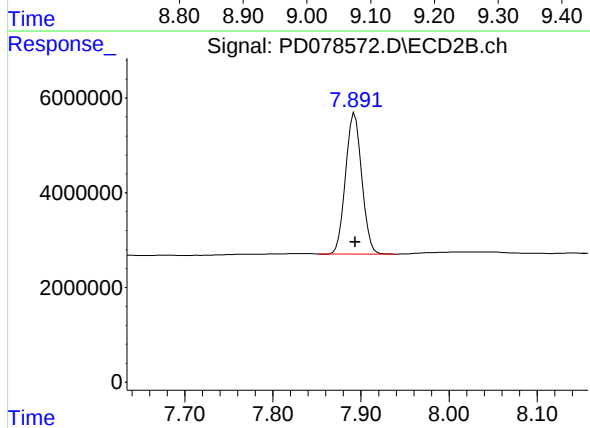
R.T.: 5.925 min
Delta R.T.: 0.008 min
Response: 384529
Conc: 4.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 64231227
Conc: 17.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 38085408
Conc: 16.78 ng/ml