

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
 Data File : PD091219.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2025 10:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 01:07:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 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...	3.544	2.873	72576102	828.3E6	21.045	22.611
28)	SA Decachlor...	9.067	8.060	101.6E6	818.9E6	20.391	20.693
Target Compounds							
2)	A alpha-BHC	3.993	3.385	71357424	696.0E6	8.925	11.012
3)	MA gamma-BHC...	4.324	3.721	68153737	637.8E6	9.120	11.031
4)	MA Heptachlor	4.942f	4.078	1307460	4185237	0.183	0.076 #
5)	MB Aldrin	0.000	4.356	0	4696963	N.D.	0.083 #
6)	B beta-BHC	4.511	4.017	28881769	270.2E6	9.940	11.245
7)	B delta-BHC	4.770	4.255	3793863	1457349	0.510	0.025 #
8)	B Heptachlo...	5.670	0.000	2660703	0	0.410	N.D. #
9)	A Endosulfan I	6.099f	5.222	233752	10569346	0.038	0.221 #
10)	B gamma-Chl...	5.934	5.115	188899	24694843	0.029	0.452 #
11)	B alpha-Chl...	5.995f	5.172	5631250	4870601	0.818	0.093 #
12)	B 4,4'-DDE	6.189	5.364	1587125	18405683	0.274	0.344 #
13)	MA Dieldrin	6.362f	5.496	1909788	-217169	0.295	N.D. #
14)	MA Endrin	6.567	5.777	222.0E6	2133.5E6	44.724	47.209
15)	B Endosulfa...	6.763f	6.075	268458	31330039	0.048	0.671 #
16)	A 4,4'-DDD	6.700	5.918	34824362	411.6E6	7.090	8.422
17)	MA 4,4'-DDT	7.016	6.171	378.5E6	3854.1E6	91.516	98.487
18)	B Endrin al...	6.910	6.247	7568926	84362914	1.817	2.391 #
19)	B Endosulfa...	7.114f	6.473	444253	1282070	0.086	0.029 #
20)	A Methoxychlor	7.489	6.741	460.1E6	3845.0E6	211.583	191.757
21)	B Endrin ke...	7.626	6.980	19517946	235.0E6	3.465	4.612 #
22)	Mirex	8.131f	7.166	34649	8429513	0.010	0.254 #
23)	Chlordane-1	0.000	3.882	0	1519273	N.D.	0.883 #
24)	Chlordane-2	0.000	4.477	0	3782375	N.D.	2.160 #
25)	Chlordane-3	5.934	5.115	188899	24694843	0.196	4.292 #
26)	Chlordane-4	5.995f	5.172	5631250	4870601	4.688	1.018 #
27)	Chlordane-5	6.872	6.075	195777	31330039	0.991	15.440 #

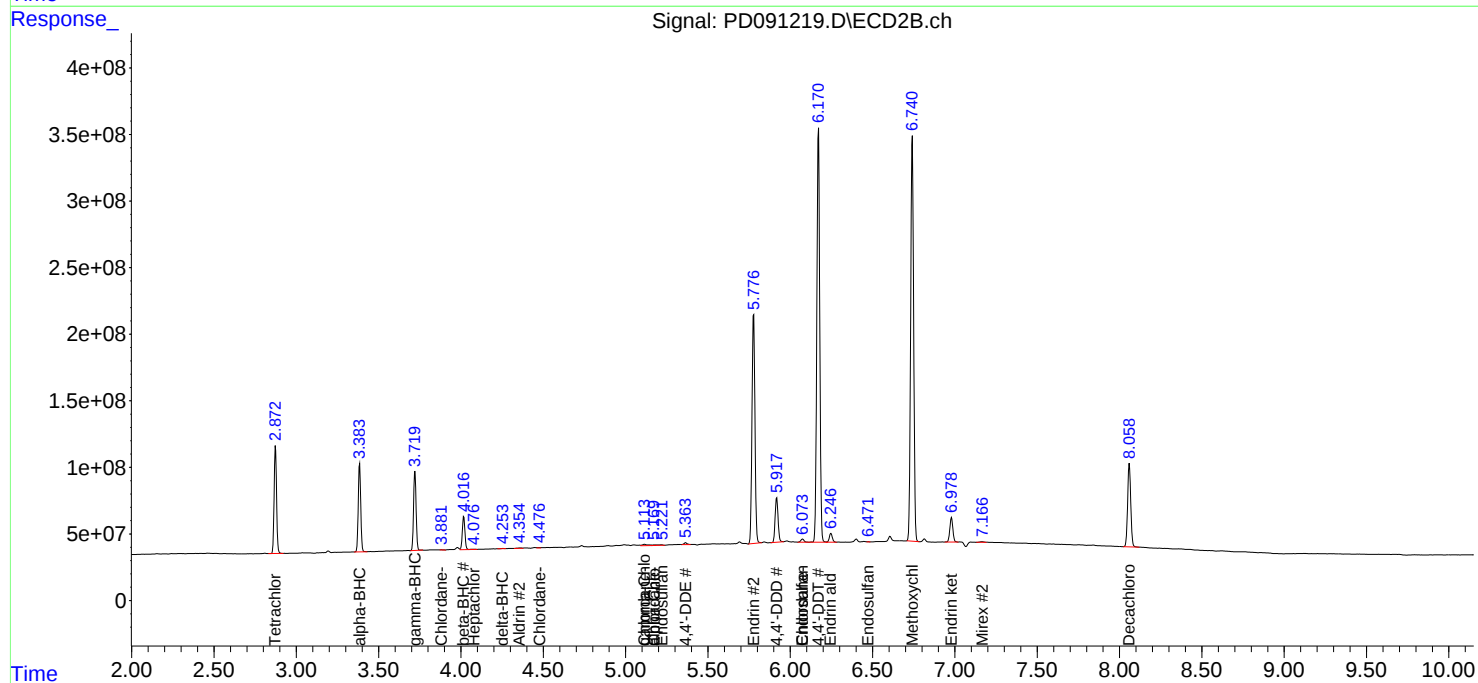
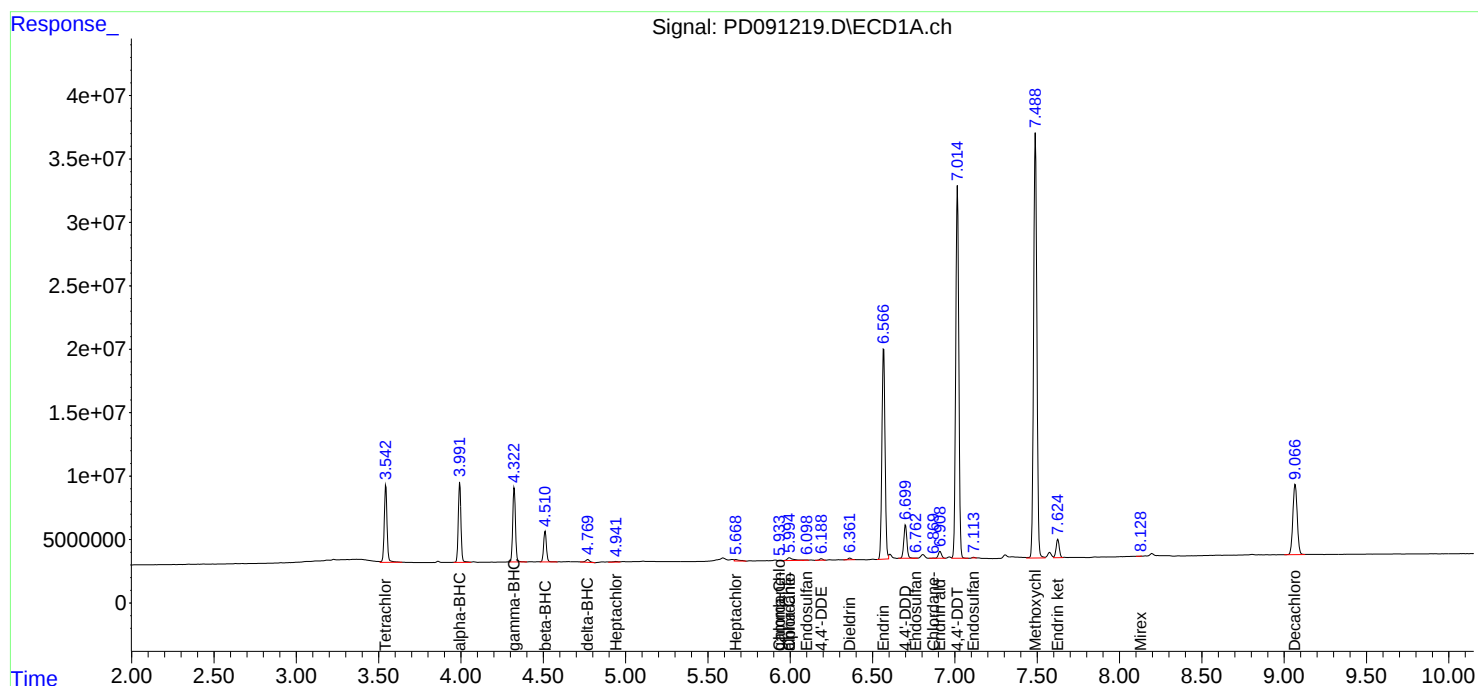
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

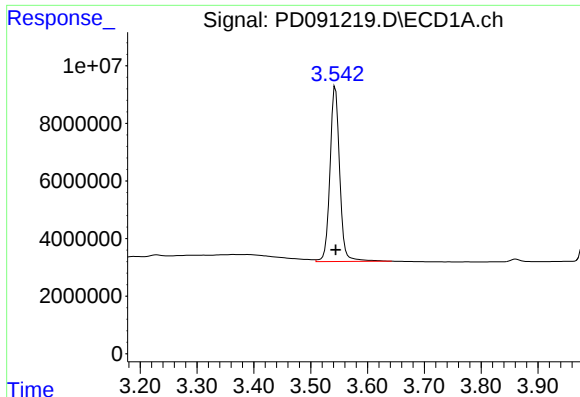
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 10:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:07:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
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

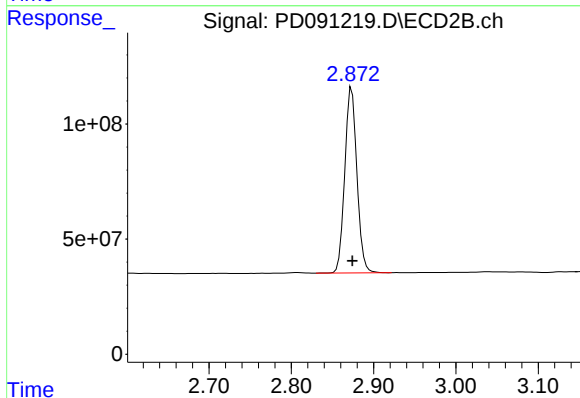




#1 Tetrachloro-m-xylene

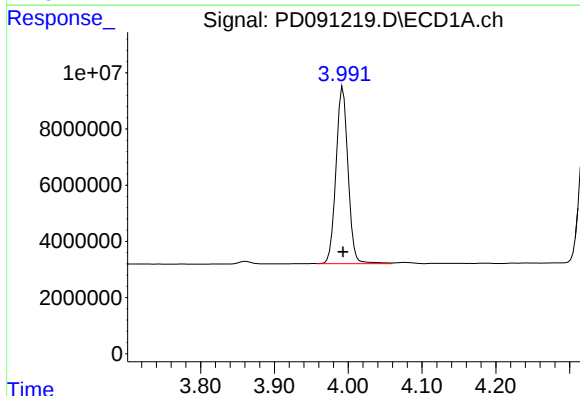
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 72576102
Conc: 21.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



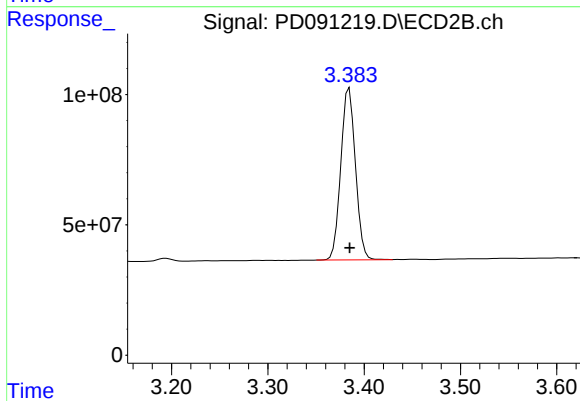
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: 0.000 min
Response: 828253230
Conc: 22.61 ng/ml



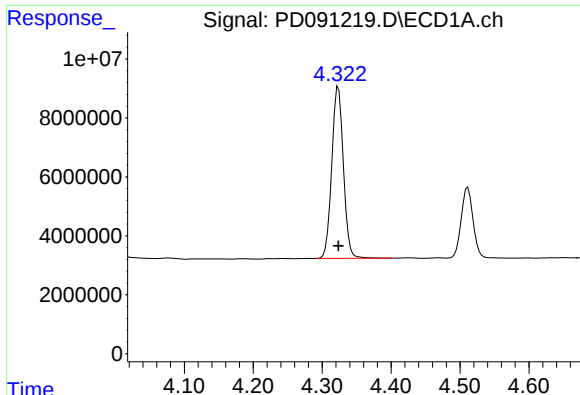
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 71357424
Conc: 8.92 ng/ml



#2 alpha-BHC

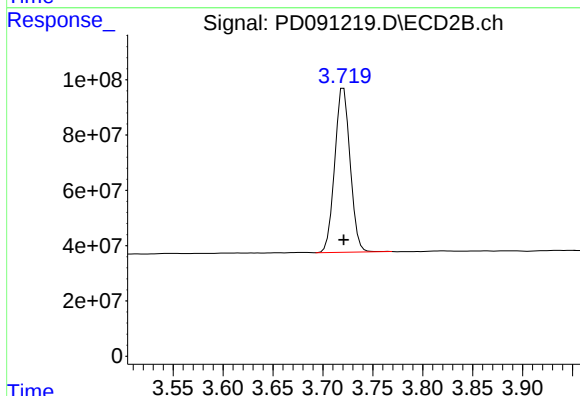
R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 695970609
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

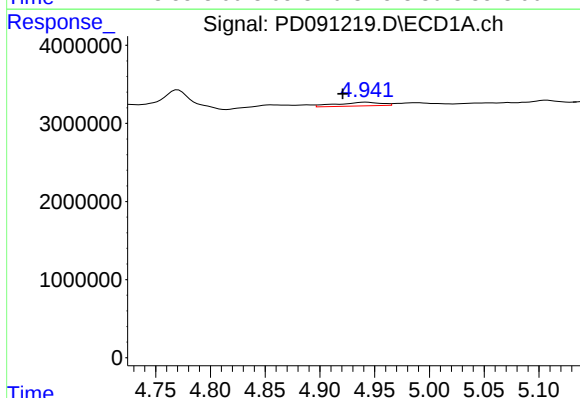
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 68153737
Conc: 9.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



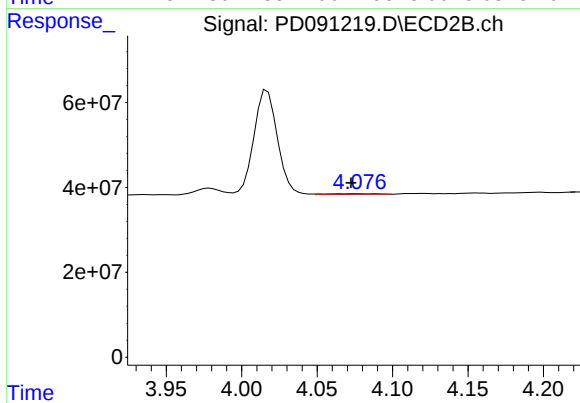
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 637799839
Conc: 11.03 ng/ml



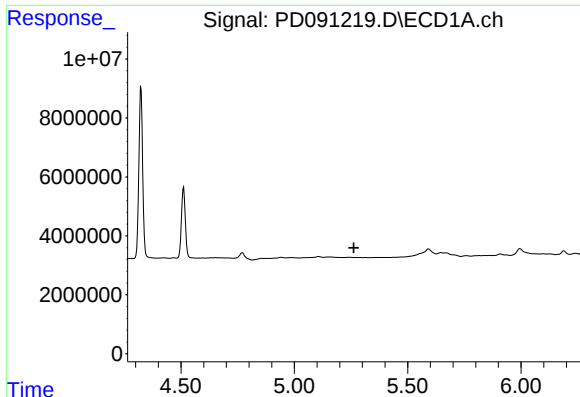
#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: 0.021 min
Response: 1307460
Conc: 0.18 ng/ml



#4 Heptachlor

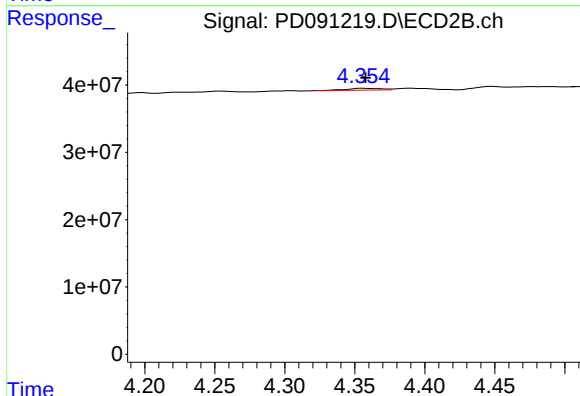
R.T.: 4.078 min
Delta R.T.: 0.005 min
Response: 4185237
Conc: 0.08 ng/ml



#5 Aldrin

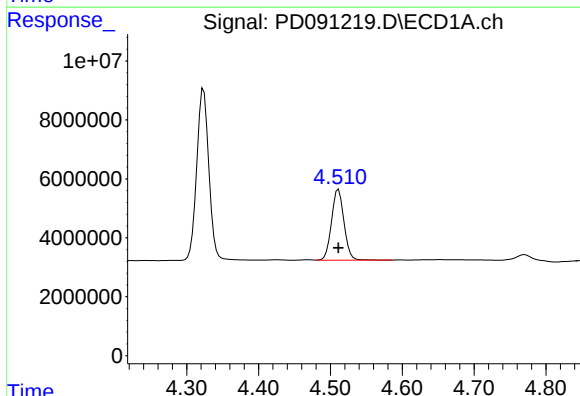
R.T.: 0.000 min
Exp R.T.: 5.262 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



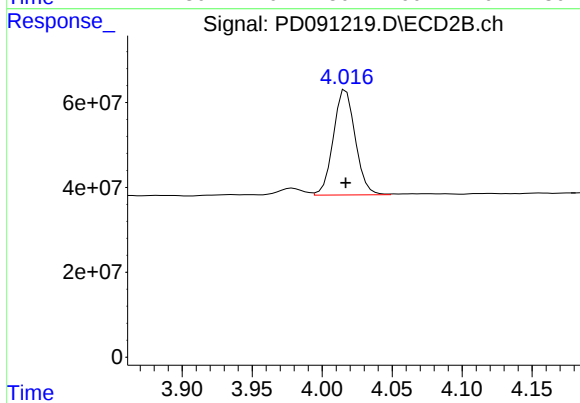
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 4696963
Conc: 0.08 ng/ml



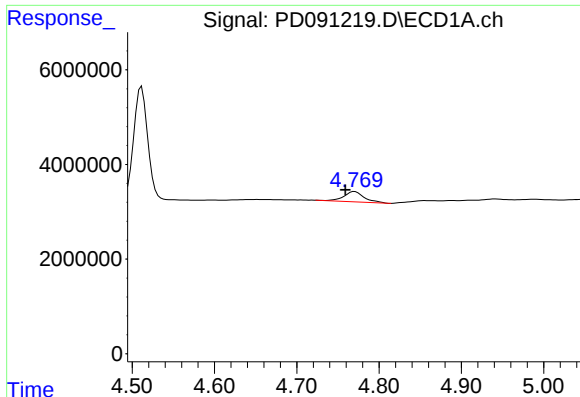
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 28881769
Conc: 9.94 ng/ml



#6 beta-BHC

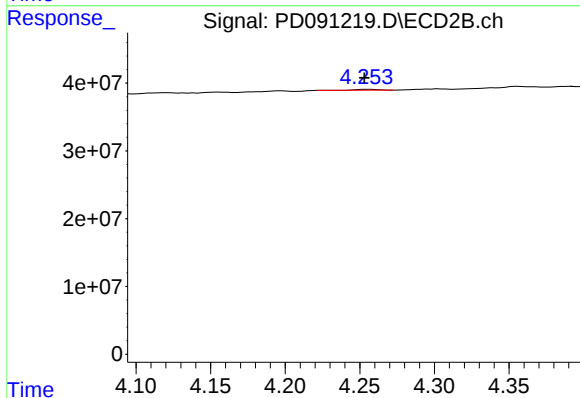
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 270184095
Conc: 11.24 ng/ml



#7 delta-BHC

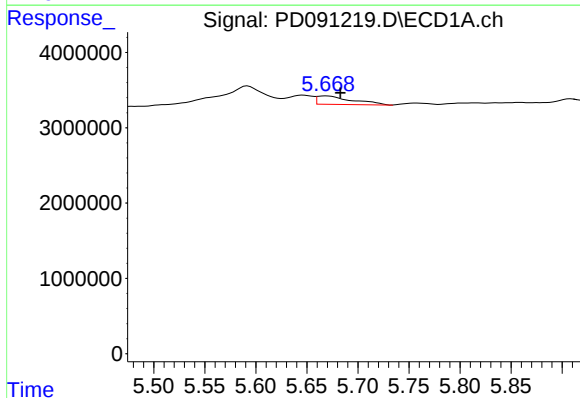
R.T.: 4.770 min
Delta R.T.: 0.011 min
Response: 3793863
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



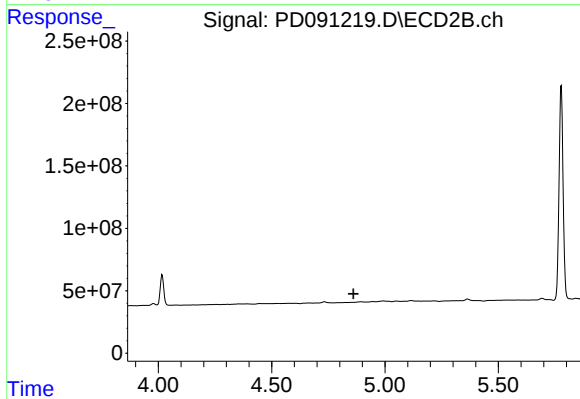
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.002 min
Response: 1457349
Conc: 0.02 ng/ml



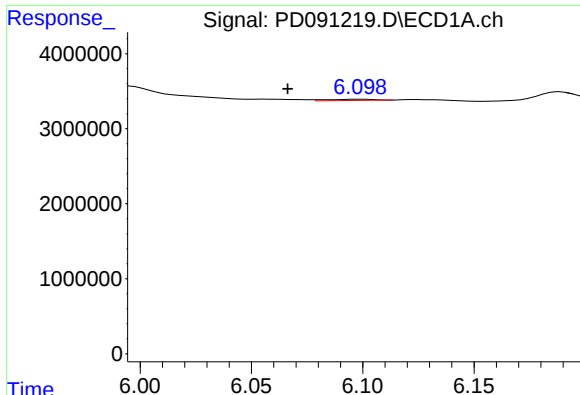
#8 Heptachlor epoxide

R.T.: 5.670 min
Delta R.T.: -0.013 min
Response: 2660703
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

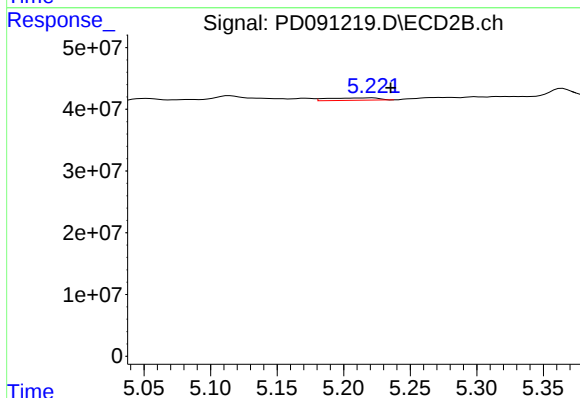
R.T.: 0.000 min
Exp R.T. : 4.862 min
Response: 0
Conc: N.D.



#9 Endosulfan I

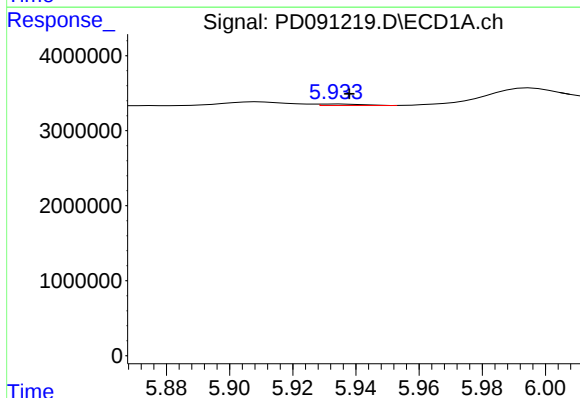
R.T.: 6.099 min
Delta R.T.: 0.033 min
Response: 233752
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



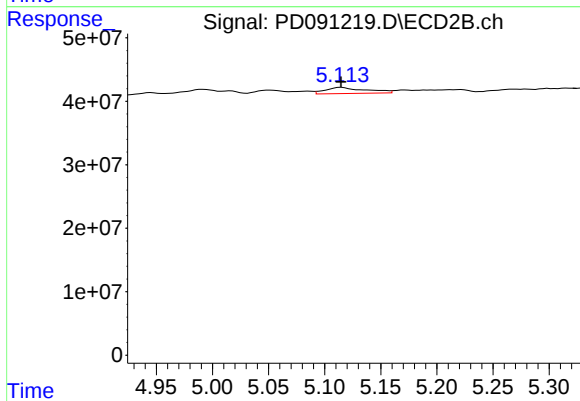
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.014 min
Response: 10569346
Conc: 0.22 ng/ml



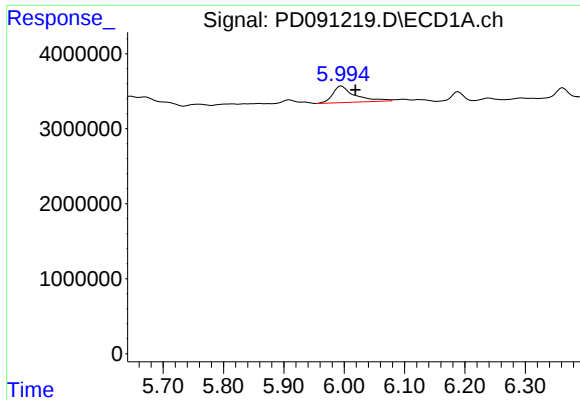
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.004 min
Response: 188899
Conc: 0.03 ng/ml



#10 gamma-Chlordane

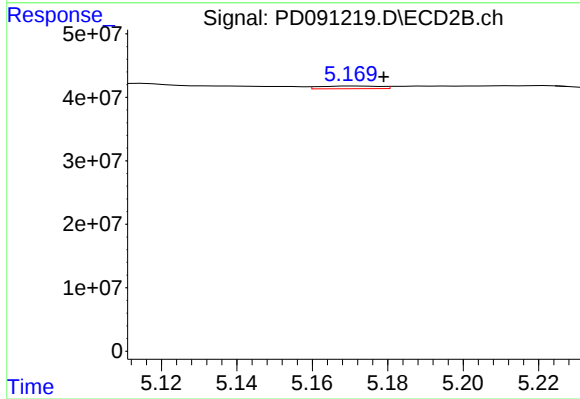
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 24694843
Conc: 0.45 ng/ml



#11 alpha-Chlordane

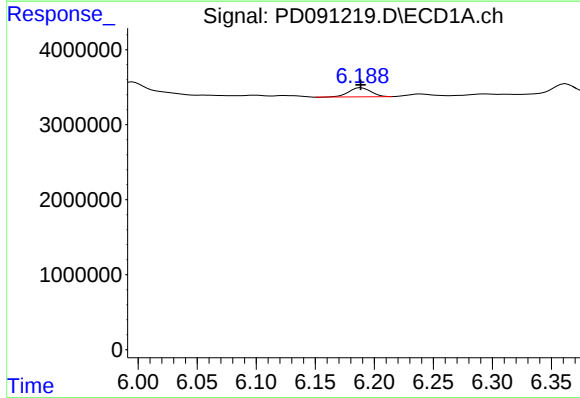
R.T.: 5.995 min
Delta R.T.: -0.023 min
Response: 5631250
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



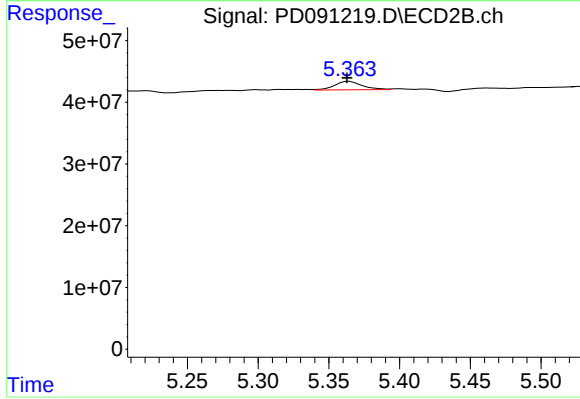
#11 alpha-Chlordane

R.T.: 5.172 min
Delta R.T.: -0.007 min
Response: 4870601
Conc: 0.09 ng/ml



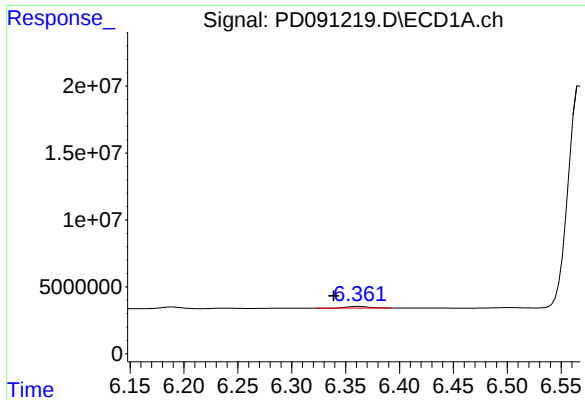
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 1587125
Conc: 0.27 ng/ml



#12 4,4'-DDE

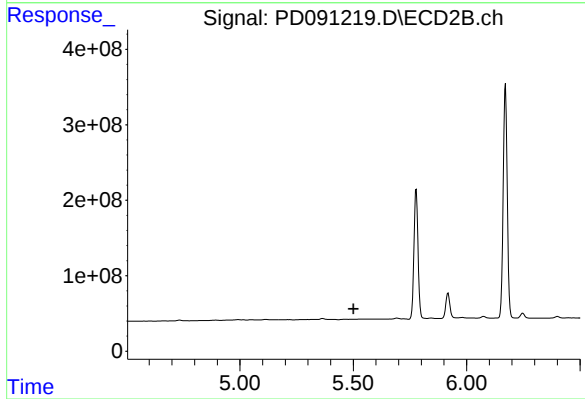
R.T.: 5.364 min
Delta R.T.: 0.001 min
Response: 18405683
Conc: 0.34 ng/ml



#13 Dieldrin

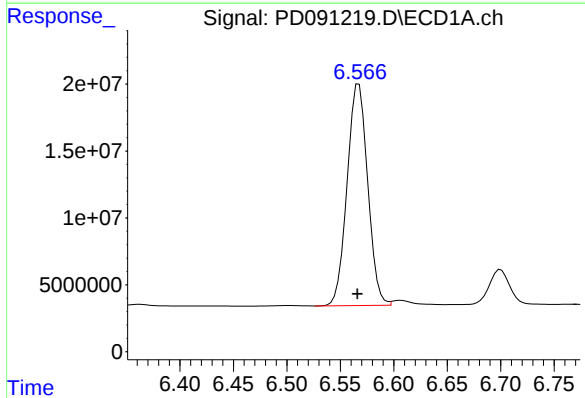
R.T.: 6.362 min
Delta R.T.: 0.023 min
Response: 1909788
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



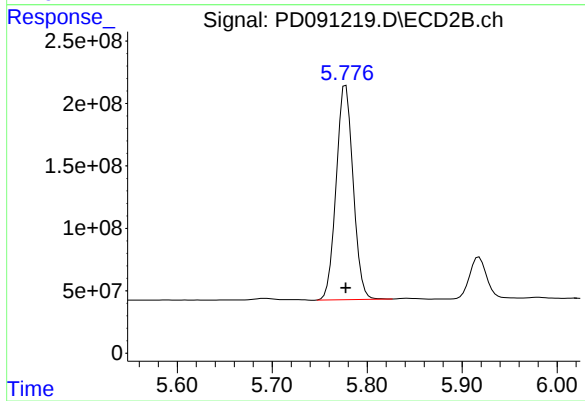
#13 Dieldrin

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: -217169
Conc: N.D.



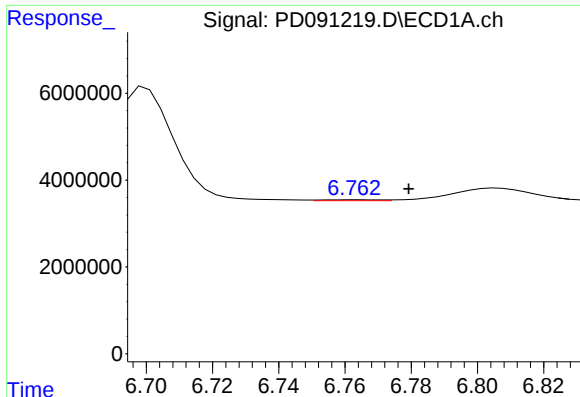
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.001 min
Response: 221986255
Conc: 44.72 ng/ml



#14 Endrin

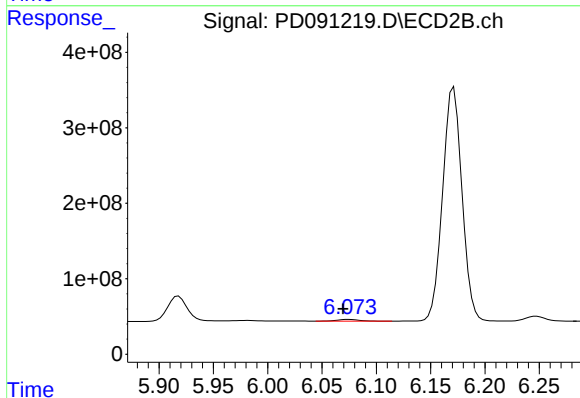
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2133505788
Conc: 47.21 ng/ml



#15 Endosulfan II

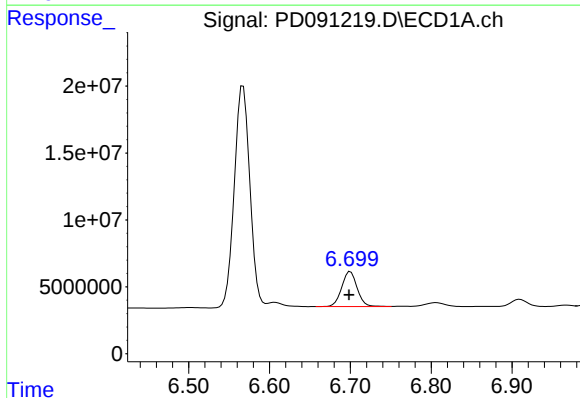
R.T.: 6.763 min
Delta R.T.: -0.016 min
Response: 268458
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



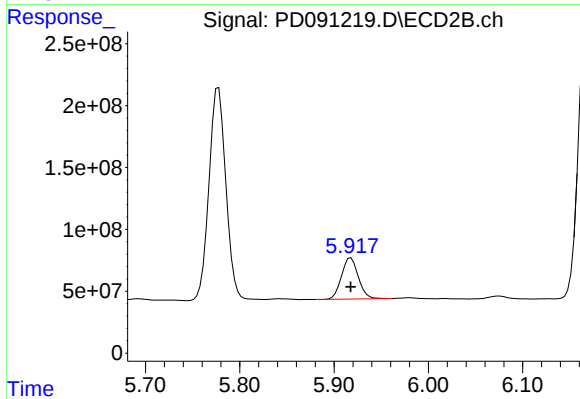
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.005 min
Response: 31330039
Conc: 0.67 ng/ml



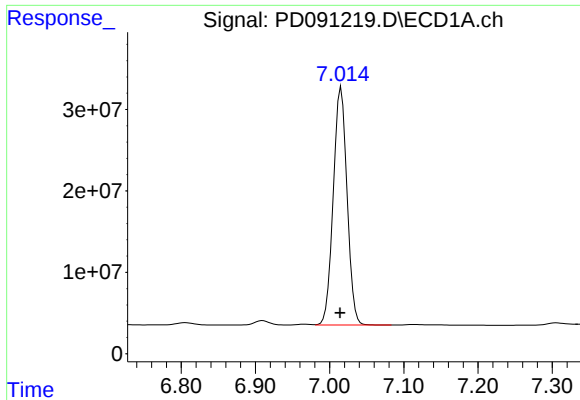
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.001 min
Response: 34824362
Conc: 7.09 ng/ml



#16 4,4'-DDD

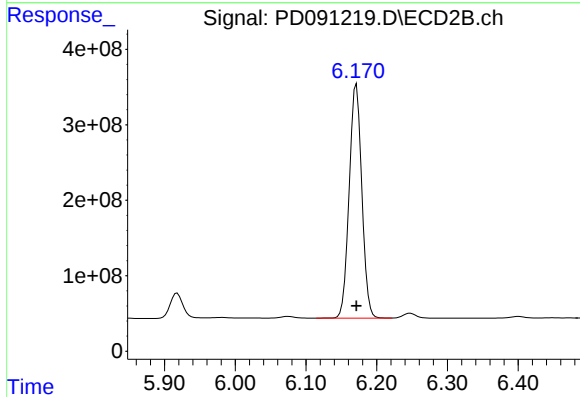
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 411592706
Conc: 8.42 ng/ml



#17 4,4'-DDT

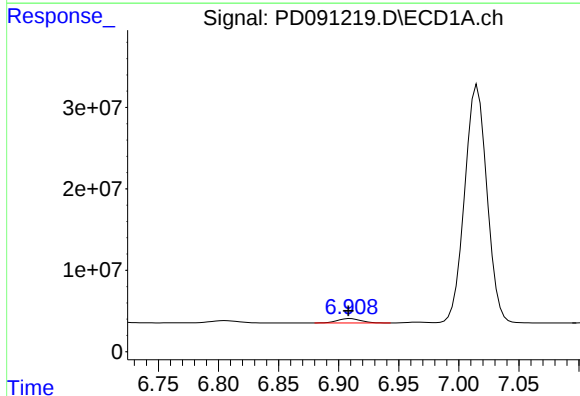
R.T.: 7.016 min
Delta R.T.: 0.001 min
Response: 378465526
Conc: 91.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



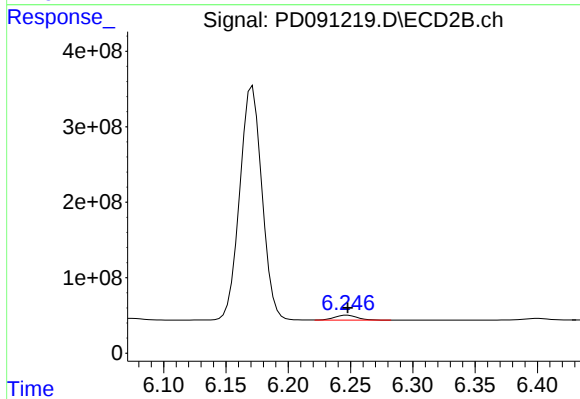
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 3854065509
Conc: 98.49 ng/ml



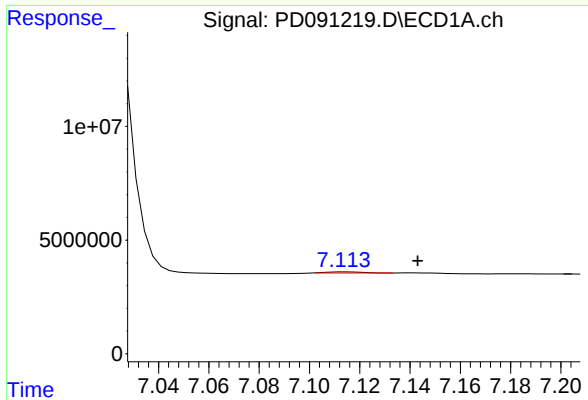
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 7568926
Conc: 1.82 ng/ml



#18 Endrin aldehyde

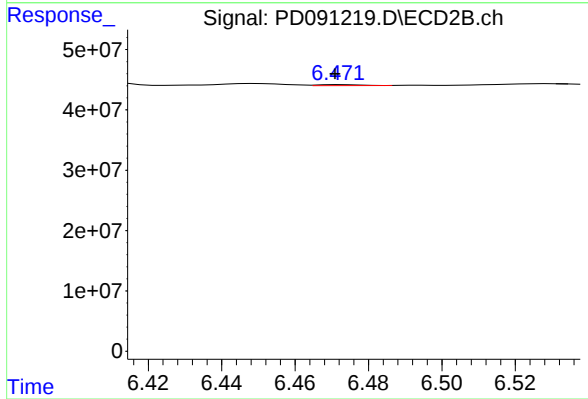
R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 84362914
Conc: 2.39 ng/ml



#19 Endosulfan Sulfate

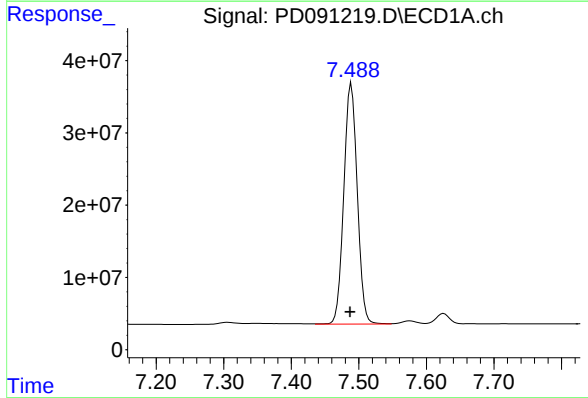
R.T.: 7.114 min
Delta R.T.: -0.029 min
Response: 444253
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



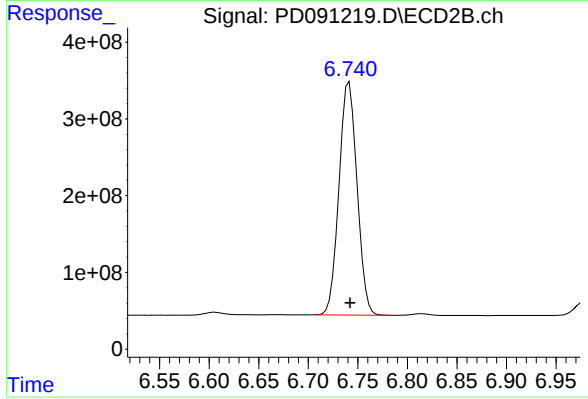
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 1282070
Conc: 0.03 ng/ml



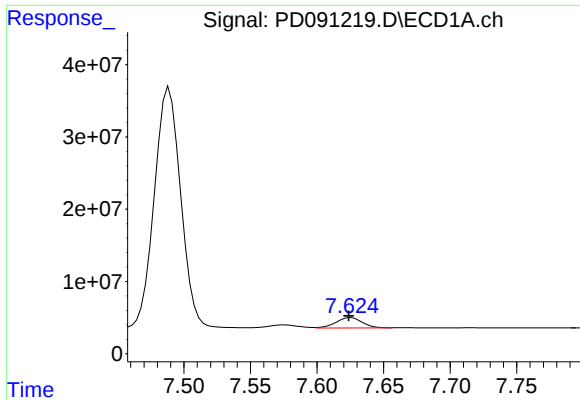
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.002 min
Response: 460051331
Conc: 211.58 ng/ml



#20 Methoxychlor

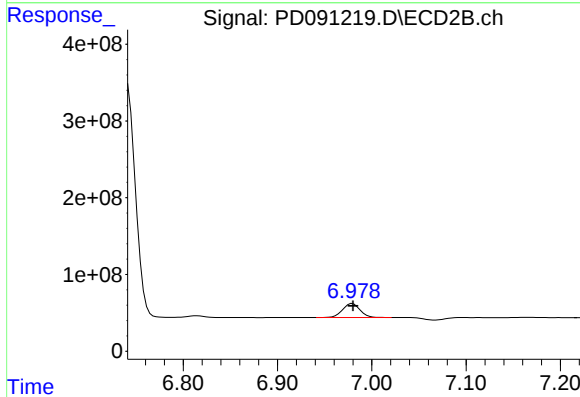
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 3845007171
Conc: 191.76 ng/ml



#21 Endrin ketone

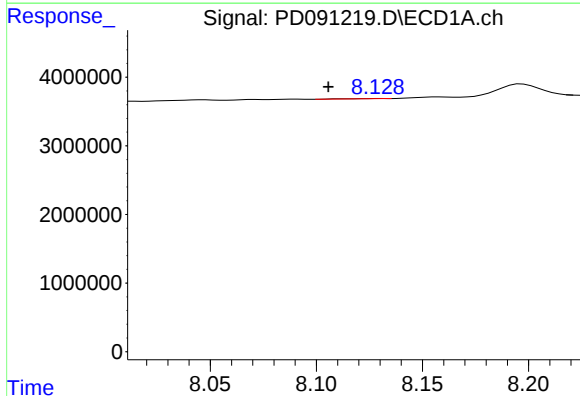
R.T.: 7.626 min
Delta R.T.: 0.002 min
Response: 19517946
Conc: 3.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



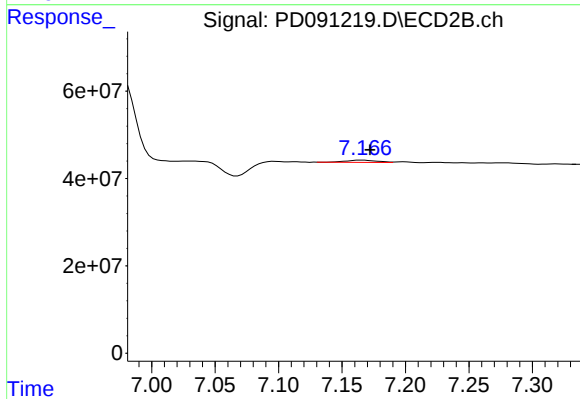
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 235007133
Conc: 4.61 ng/ml



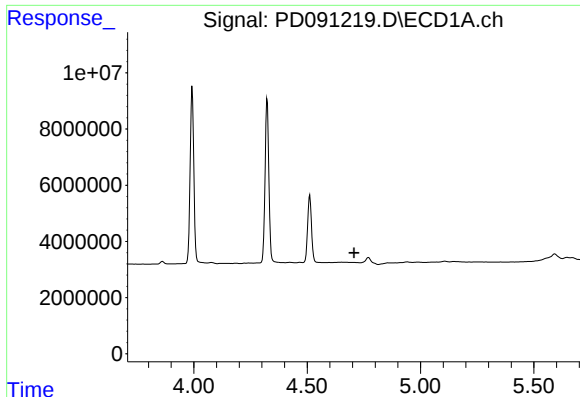
#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.025 min
Response: 34649
Conc: 0.01 ng/ml



#22 Mirex

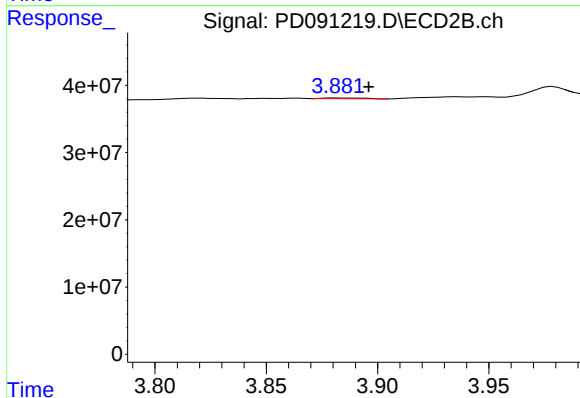
R.T.: 7.166 min
Delta R.T.: -0.006 min
Response: 8429513
Conc: 0.25 ng/ml



#23 Chlordane-1

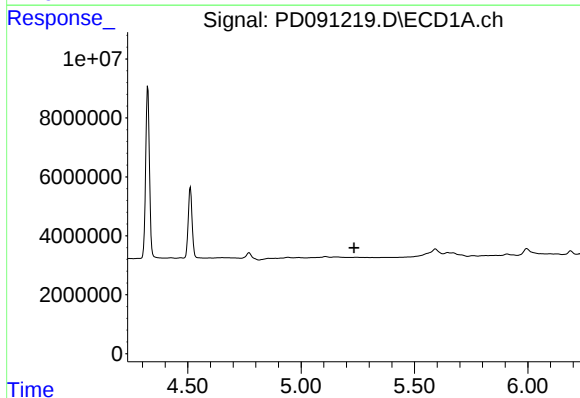
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



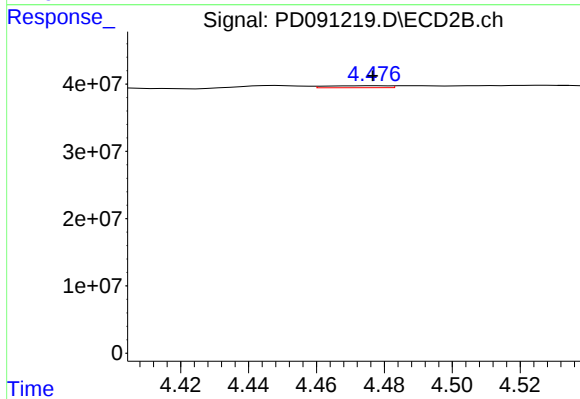
#23 Chlordane-1

R.T.: 3.882 min
Delta R.T.: -0.014 min
Response: 1519273
Conc: 0.88 ng/ml



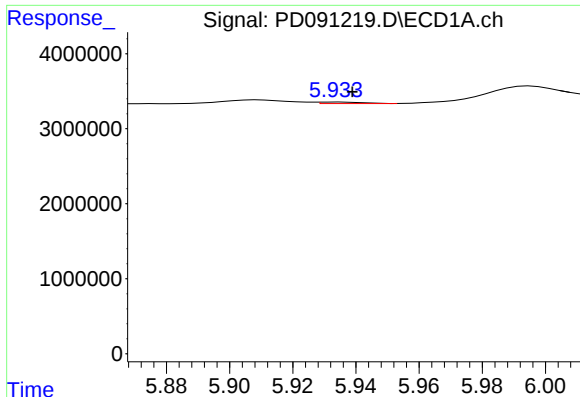
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.234 min
Response: 0
Conc: N.D.



#24 Chlordane-2

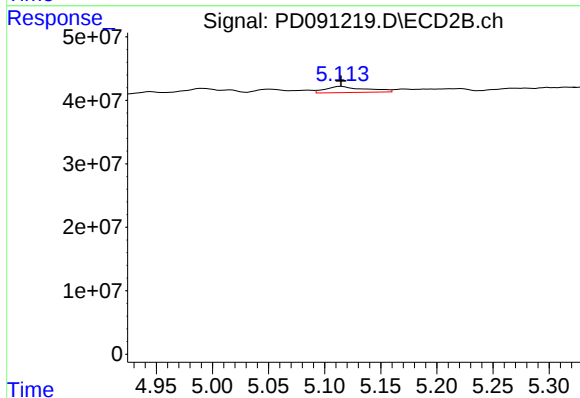
R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 3782375
Conc: 2.16 ng/ml



#25 Chlordane-3

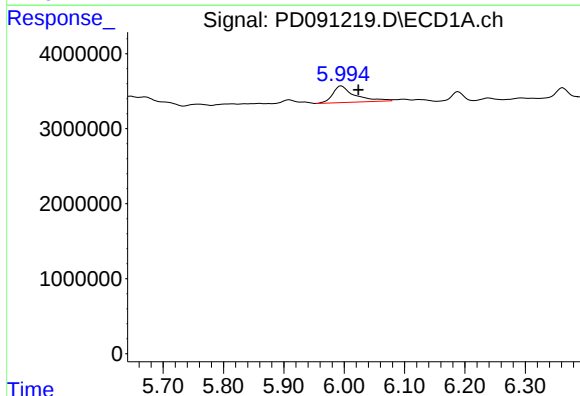
R.T.: 5.934 min
Delta R.T.: -0.005 min
Response: 188899
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



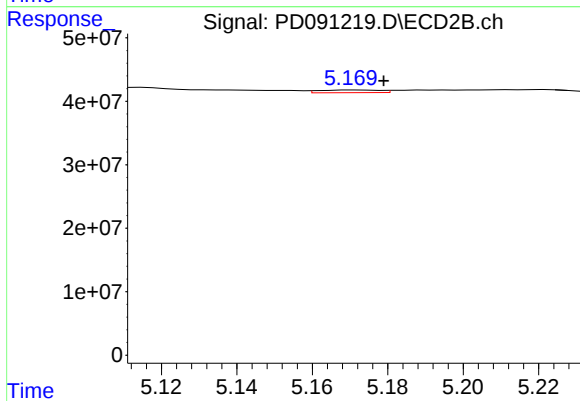
#25 Chlordane-3

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 24694843
Conc: 4.29 ng/ml



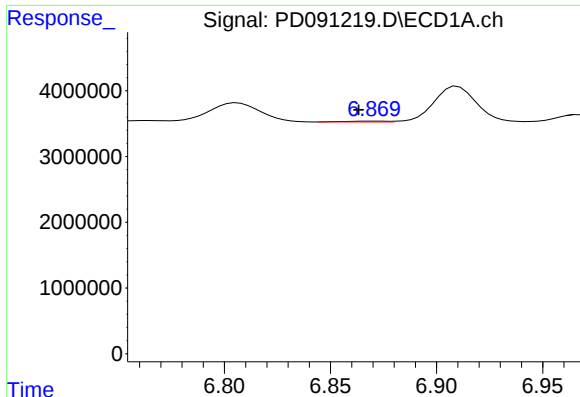
#26 Chlordane-4

R.T.: 5.995 min
Delta R.T.: -0.028 min
Response: 5631250
Conc: 4.69 ng/ml



#26 Chlordane-4

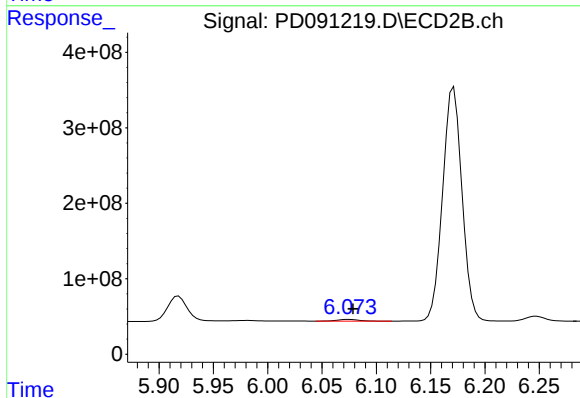
R.T.: 5.172 min
Delta R.T.: -0.007 min
Response: 4870601
Conc: 1.02 ng/ml



#27 Chlordane-5

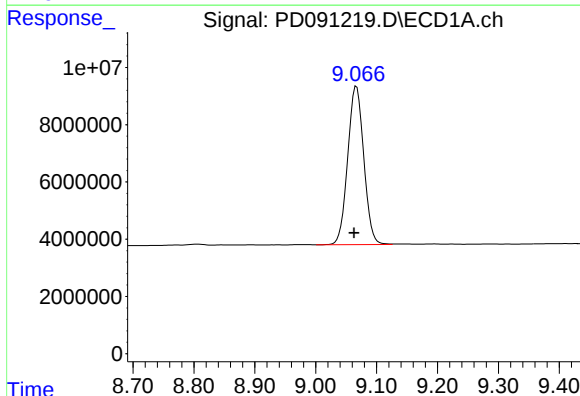
R.T.: 6.872 min
Delta R.T.: 0.009 min
Response: 195777
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



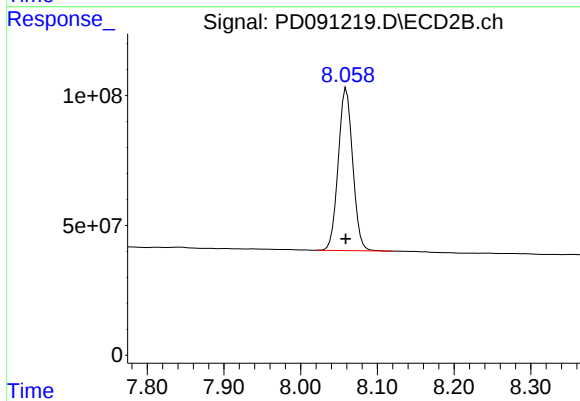
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 31330039
Conc: 15.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.004 min
Response: 101582878
Conc: 20.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 818926679
Conc: 20.69 ng/ml