

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080725\
 Data File : PD089769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 14:05
 Operator : AR\AJ
 Sample : PCHLORCCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORCCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 03:07:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.877	104.8E6	933.5E6	42.478	58.943 #
28)	SA Decachlor...	9.063	8.064	175.5E6	1069.8E6	47.221	53.283
Target Compounds							
2)	A alpha-BHC	4.019f	3.381	4795333	4542948	0.968	0.187 #
3)	MA gamma-BHC...	4.354f	3.713	2176624	-6683058	0.458	N.D. #
4)	MA Heptachlor	4.924	4.078	111.5E6	568.4E6	23.174	24.491
5)	MB Aldrin	0.000	4.377	0	40973072	N.D.	1.841 #
6)	B beta-BHC	4.507	4.032	75855	1064901	0.041	0.110 #
7)	B delta-BHC	4.775	4.260	841774	47321529	0.184	2.083 #
8)	B Heptachlo...	5.668f	0.000	42373643	0	10.135	N.D. #
9)	A Endosulfan I	0.000	5.254	0	2352998	N.D.	0.120 #
10)	B gamma-Chl...	5.941	5.120	291.9E6	1153.4E6	69.841	53.265
11)	B alpha-Chl...	6.026	5.184	355.3E6	987.7E6	84.504	47.437 #
12)	B 4,4'-DDE	6.178f	5.361	1825784	26412283	0.490	1.250 #
13)	MA Dieldrin	6.348	5.488f	19214674	54336239	4.550	2.511 #
14)	MA Endrin	6.592f	5.787	4198521	141.4E6	1.174	7.096 #
15)	B Endosulfa...	6.764f	6.083	10172695	457.8E6	2.772	24.352 #
16)	A 4,4'-DDD	6.722f	5.916	14229974	-61179792	4.752	N.D. #
17)	MA 4,4'-DDT	0.000	6.177	0	6357908	N.D.	0.346 #
18)	B Endrin al...	6.921	6.261	4039099	5216867	1.619	0.404 #
19)	B Endosulfa...	7.145	6.480	762064	17763258	0.220	0.957 #
20)	A Methoxychlor	7.480	6.755	839242	3991106	0.469	0.407
22)	Mirex	8.112	0.000	558225	0	0.200	N.D. #
23)	Chlordane-1	4.710	3.901	73264590	374.3E6	439.878	511.750
24)	Chlordane-2	5.236	4.482	74573086	389.6E6	438.867	509.753
25)	Chlordane-3	5.941	5.120	291.9E6	1153.4E6	425.575	498.366
26)	Chlordane-4	6.026	5.184	355.3E6	987.7E6	424.397	496.461
27)	Chlordane-5	6.865	6.083	59688197	457.8E6	413.755	506.026

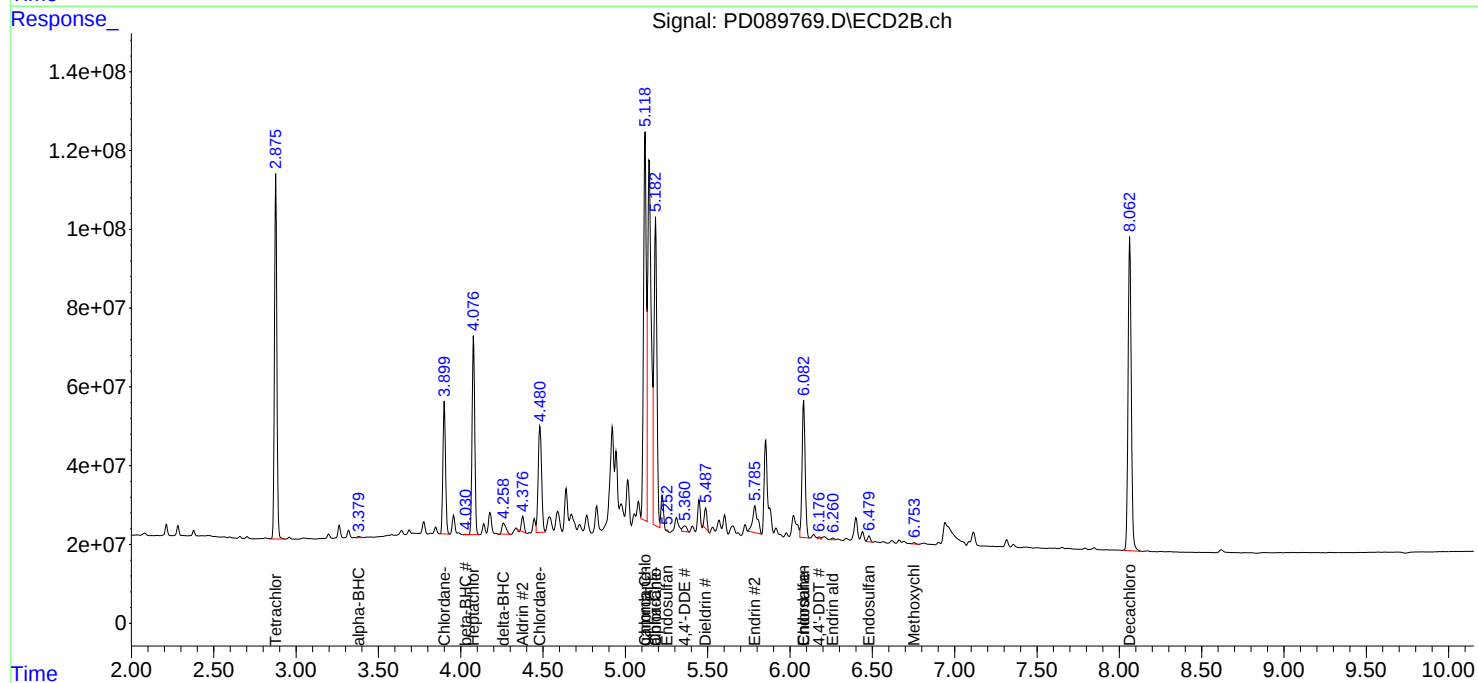
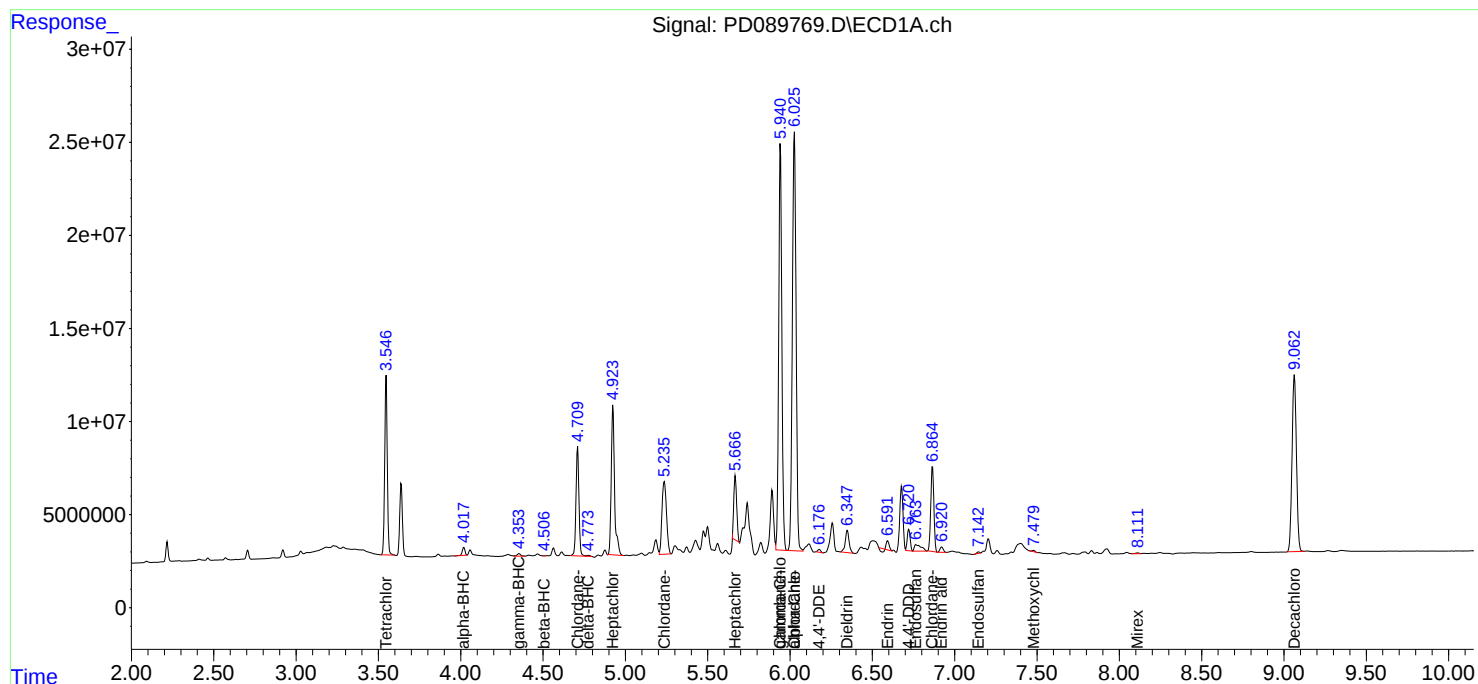
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

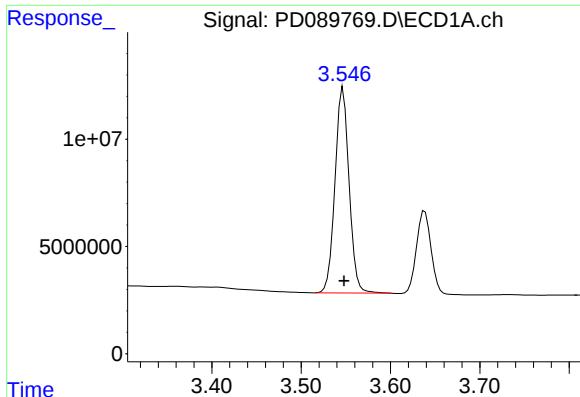
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080725\
Data File : PD089769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2025 14:05
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 03:07:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

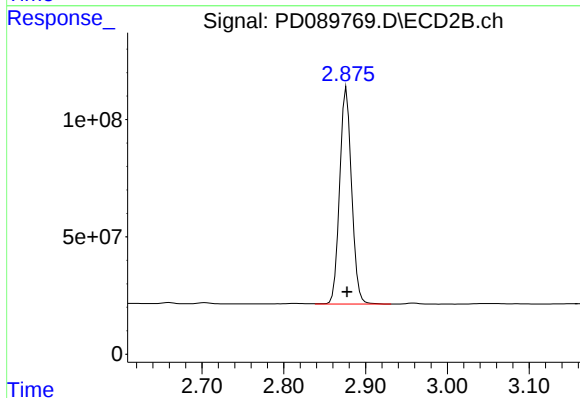




#1 Tetrachloro-m-xylene

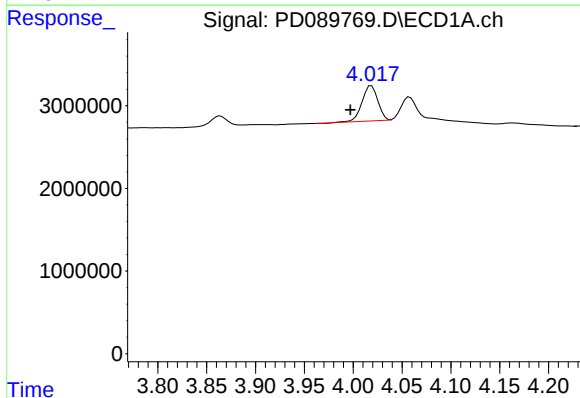
R.T.: 3.547 min
Delta R.T.: -0.001 min
Response: 104775533
Conc: 42.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



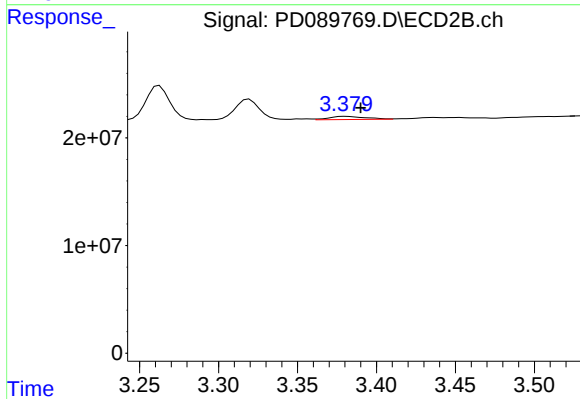
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 933534804
Conc: 58.94 ng/ml



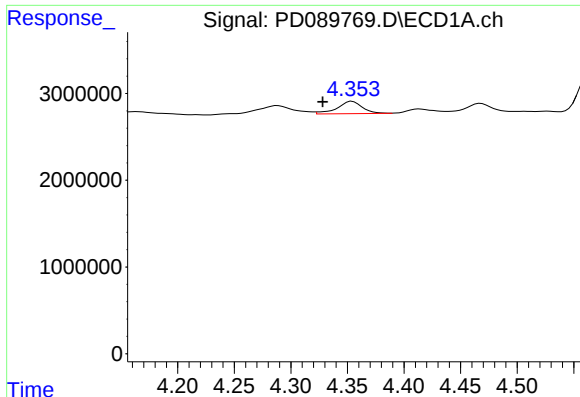
#2 alpha-BHC

R.T.: 4.019 min
Delta R.T.: 0.022 min
Response: 4795333
Conc: 0.97 ng/ml



#2 alpha-BHC

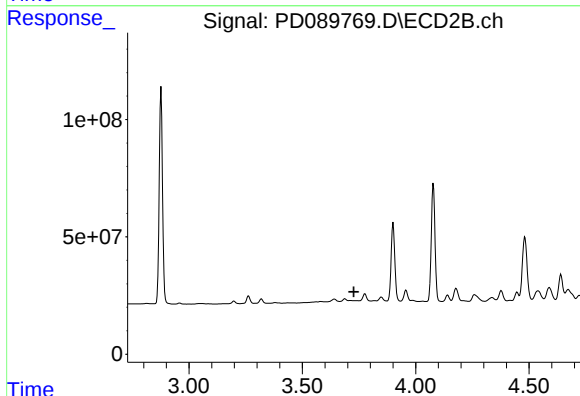
R.T.: 3.381 min
Delta R.T.: -0.009 min
Response: 4542948
Conc: 0.19 ng/ml



#3 gamma-BHC (Lindane)

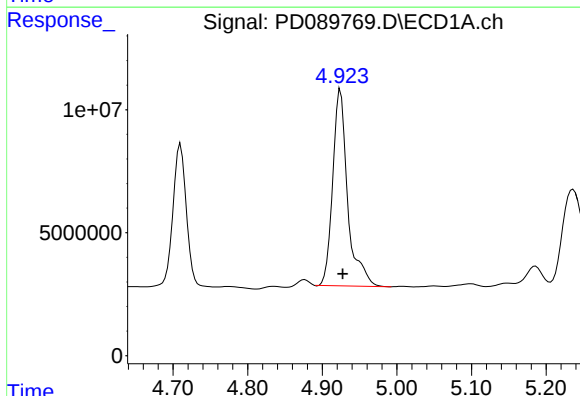
R.T.: 4.354 min
Delta R.T.: 0.026 min
Response: 2176624
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



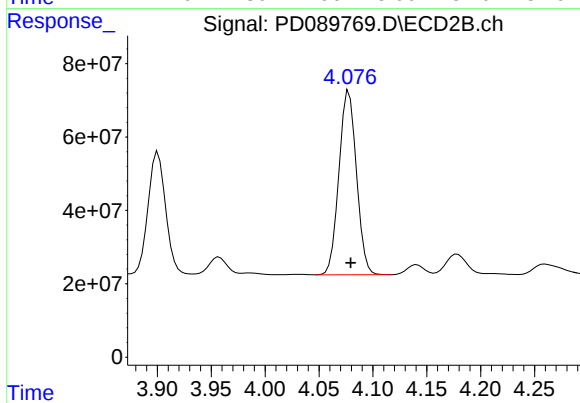
#3 gamma-BHC (Lindane)

R.T.: 3.713 min
Delta R.T.: -0.014 min
Response: -6683058
Conc: N.D.



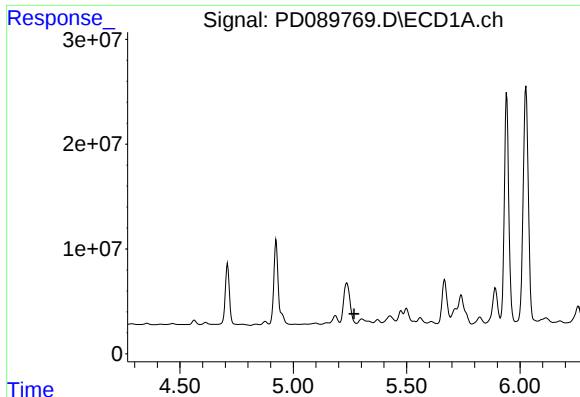
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.003 min
Response: 111500144
Conc: 23.17 ng/ml



#4 Heptachlor

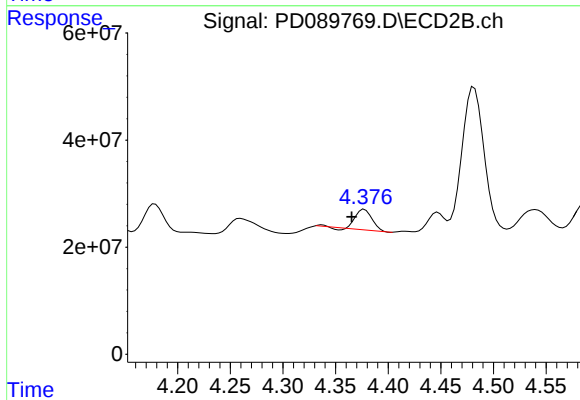
R.T.: 4.078 min
Delta R.T.: -0.001 min
Response: 568413763
Conc: 24.49 ng/ml



#5 Aldrin

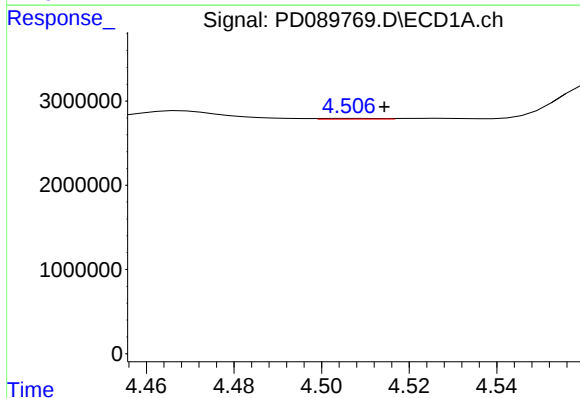
R.T.: 0.000 min
Exp R.T.: 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



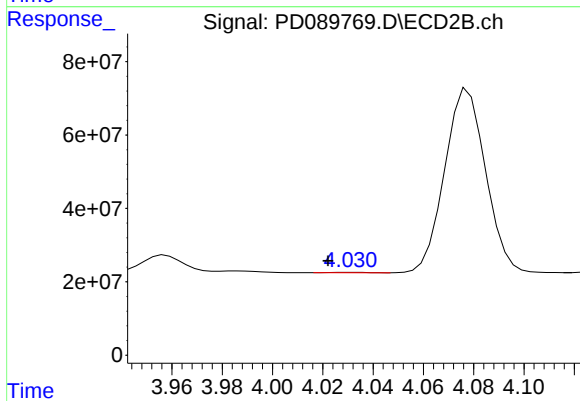
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: 0.012 min
Response: 40973072
Conc: 1.84 ng/ml



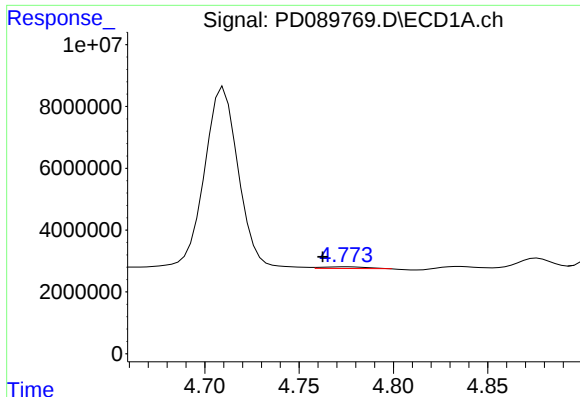
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 75855
Conc: 0.04 ng/ml



#6 beta-BHC

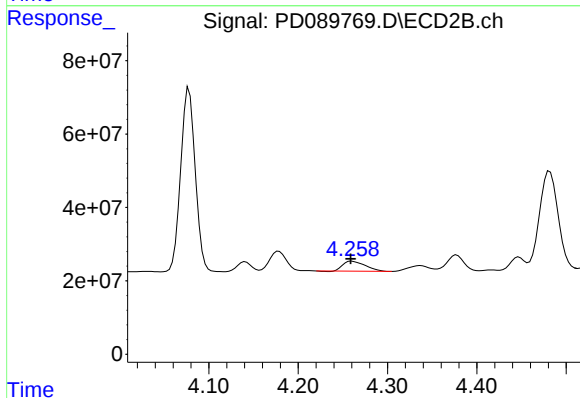
R.T.: 4.032 min
Delta R.T.: 0.009 min
Response: 1064901
Conc: 0.11 ng/ml



#7 delta-BHC

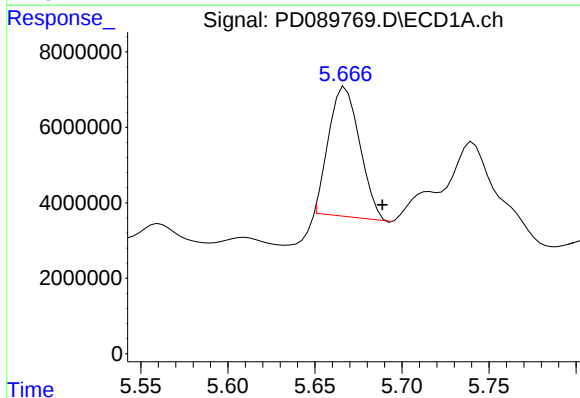
R.T.: 4.775 min
Delta R.T.: 0.012 min
Response: 841774
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



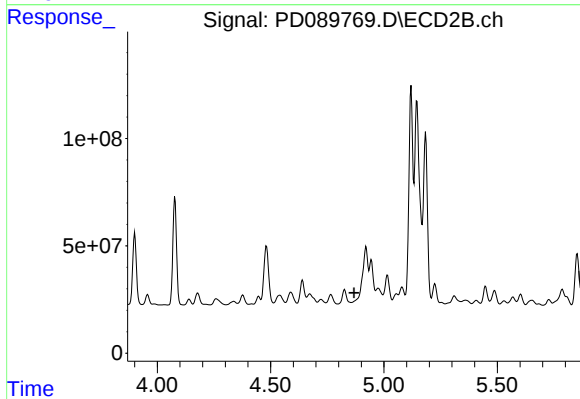
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 47321529
Conc: 2.08 ng/ml



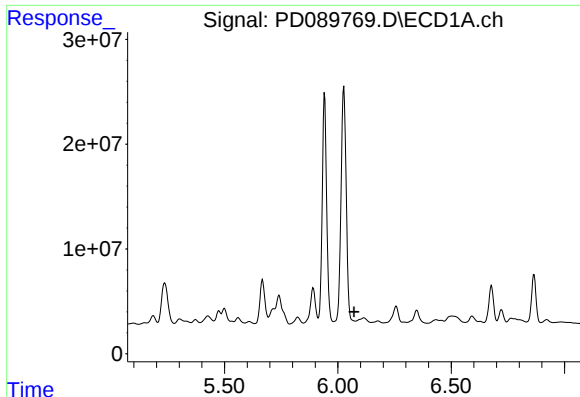
#8 Heptachlor epoxide

R.T.: 5.668 min
Delta R.T.: -0.021 min
Response: 42373643
Conc: 10.14 ng/ml



#8 Heptachlor epoxide

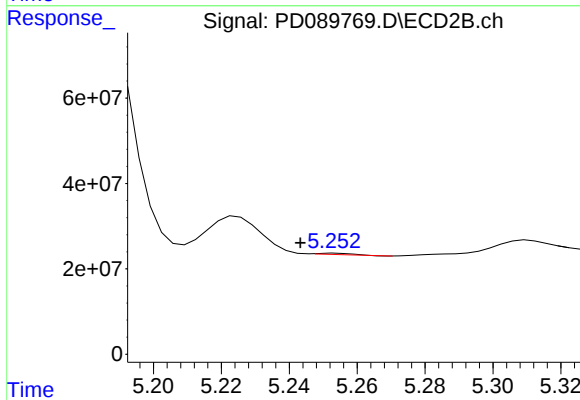
R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



#9 Endosulfan I

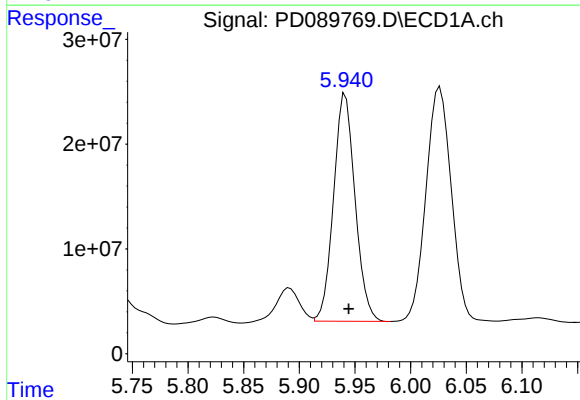
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



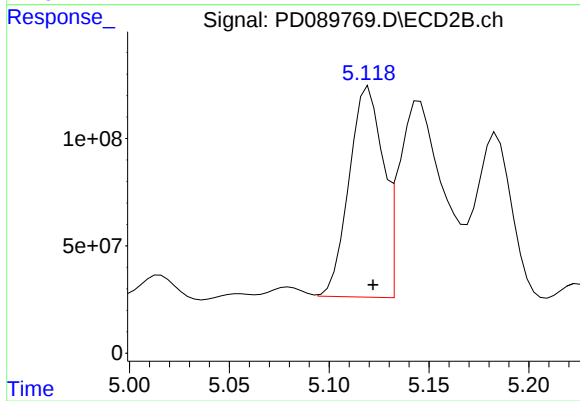
#9 Endosulfan I

R.T.: 5.254 min
Delta R.T.: 0.010 min
Response: 2352998
Conc: 0.12 ng/ml



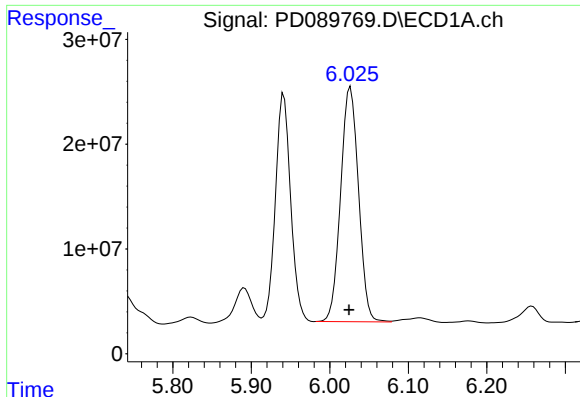
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 291870180
Conc: 69.84 ng/ml



#10 gamma-Chlordane

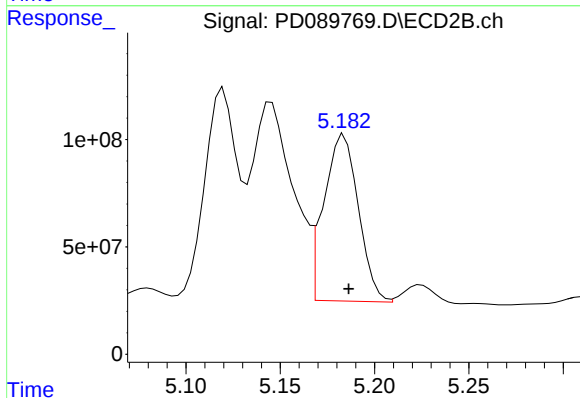
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1153360210
Conc: 53.26 ng/ml



#11 alpha-Chlordane

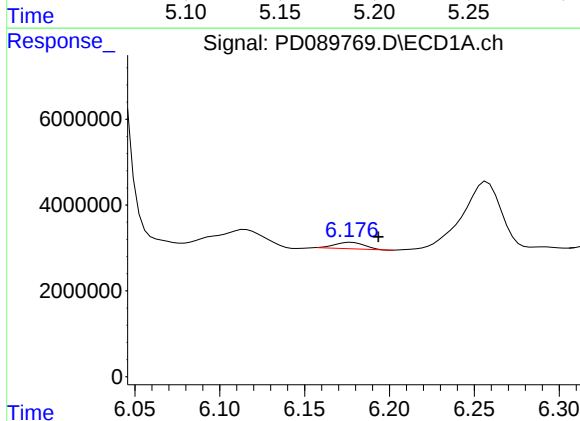
R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 355269929
Conc: 84.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



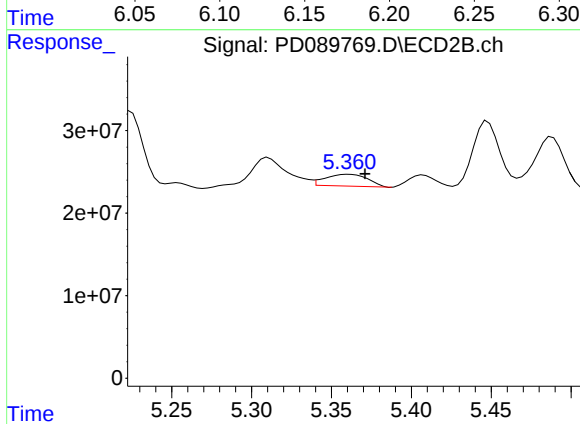
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 987725921
Conc: 47.44 ng/ml



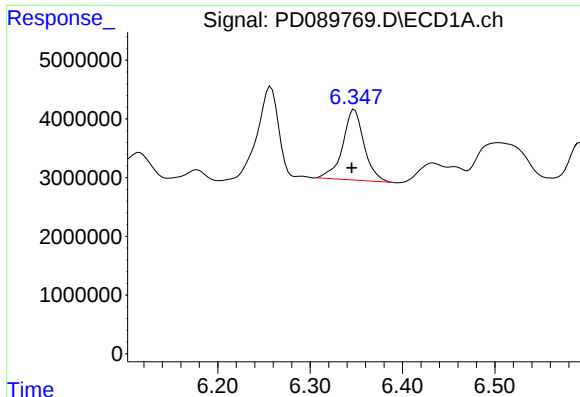
#12 4,4'-DDE

R.T.: 6.178 min
Delta R.T.: -0.016 min
Response: 1825784
Conc: 0.49 ng/ml



#12 4,4'-DDE

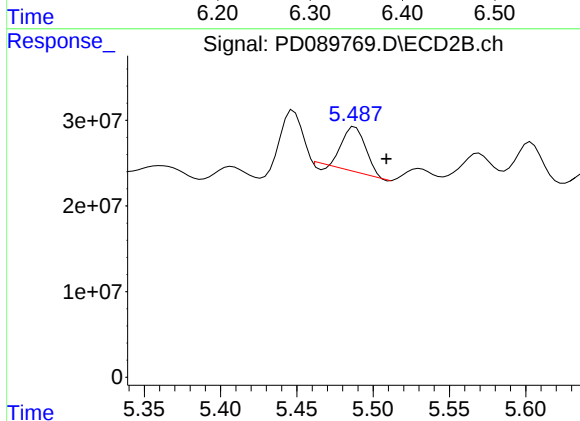
R.T.: 5.361 min
Delta R.T.: -0.010 min
Response: 26412283
Conc: 1.25 ng/ml



#13 Dieldrin

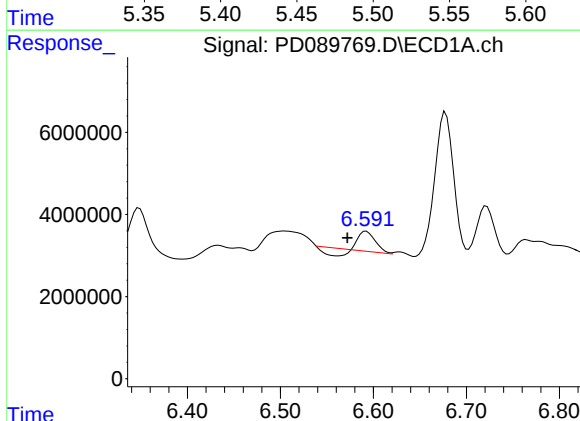
R.T.: 6.348 min
Delta R.T.: 0.003 min
Response: 19214674
Conc: 4.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



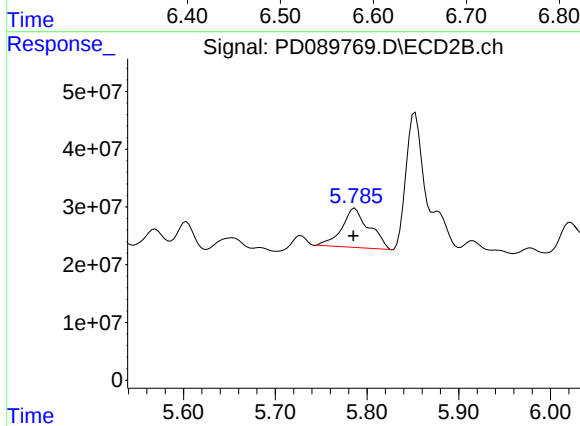
#13 Dieldrin

R.T.: 5.488 min
Delta R.T.: -0.021 min
Response: 54336239
Conc: 2.51 ng/ml



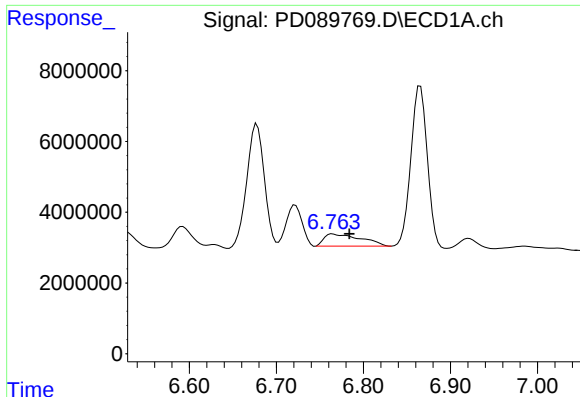
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.020 min
Response: 4198521
Conc: 1.17 ng/ml



#14 Endrin

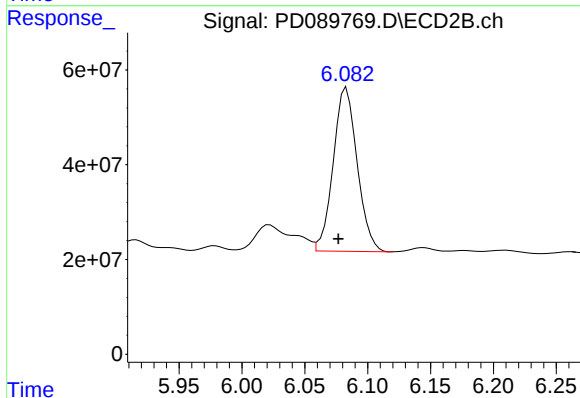
R.T.: 5.787 min
Delta R.T.: 0.002 min
Response: 141398012
Conc: 7.10 ng/ml



#15 Endosulfan II

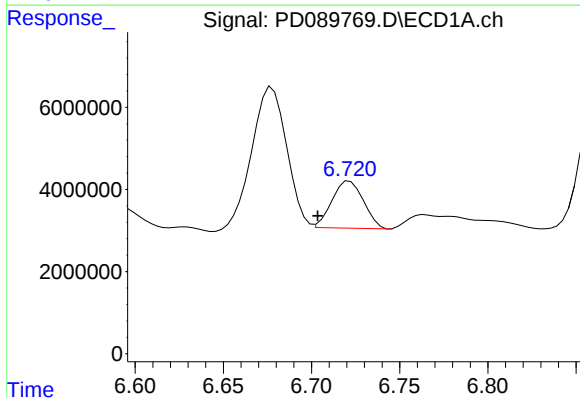
R.T.: 6.764 min
Delta R.T.: -0.020 min
Response: 10172695
Conc: 2.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



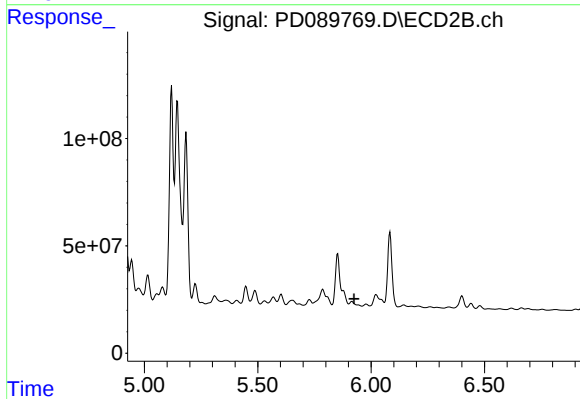
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 457808739
Conc: 24.35 ng/ml



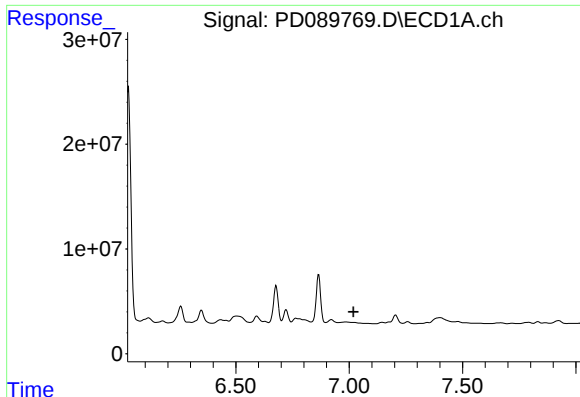
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.018 min
Response: 14229974
Conc: 4.75 ng/ml



#16 4,4'-DDD

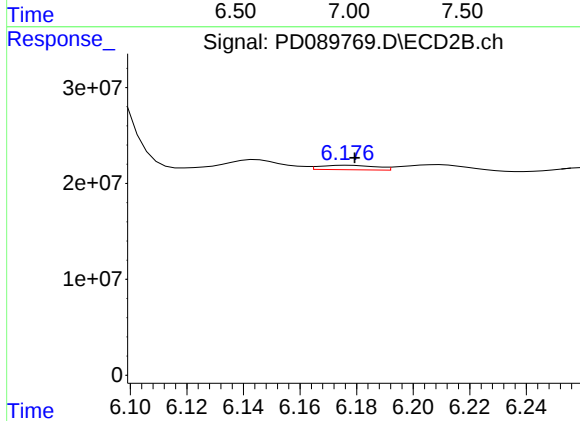
R.T.: 5.916 min
Delta R.T.: -0.010 min
Response: -61179792
Conc: N.D.



#17 4,4'-DDT

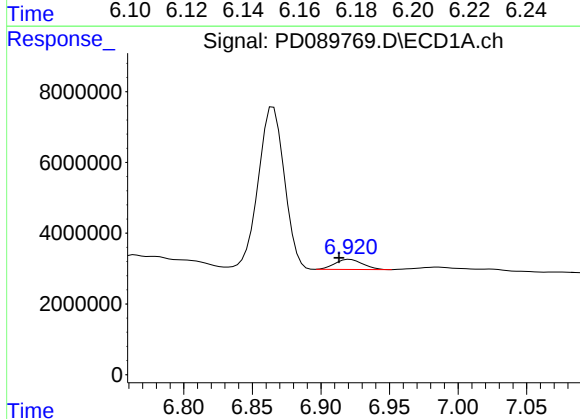
R.T.: 0.000 min
Exp R.T.: 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



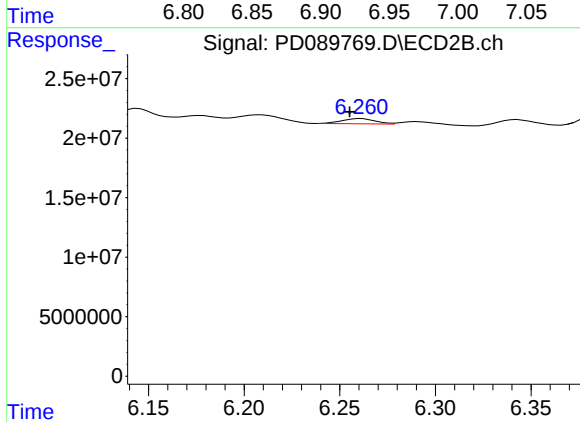
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 6357908
Conc: 0.35 ng/ml



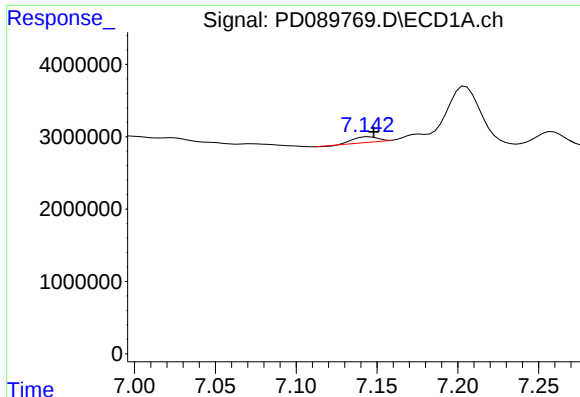
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.008 min
Response: 4039099
Conc: 1.62 ng/ml



#18 Endrin aldehyde

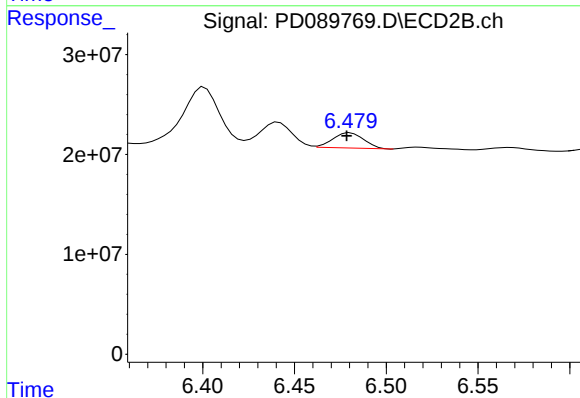
R.T.: 6.261 min
Delta R.T.: 0.006 min
Response: 5216867
Conc: 0.40 ng/ml



#19 Endosulfan Sulfate

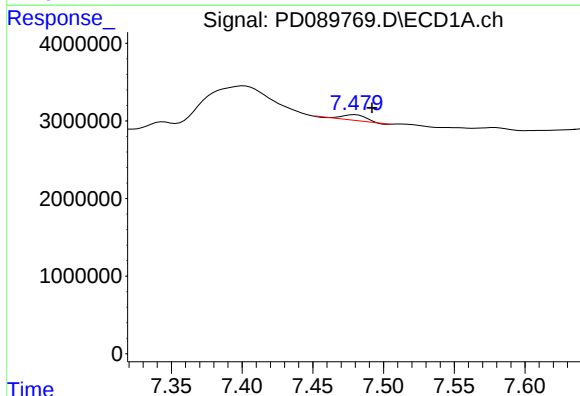
R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 762064
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



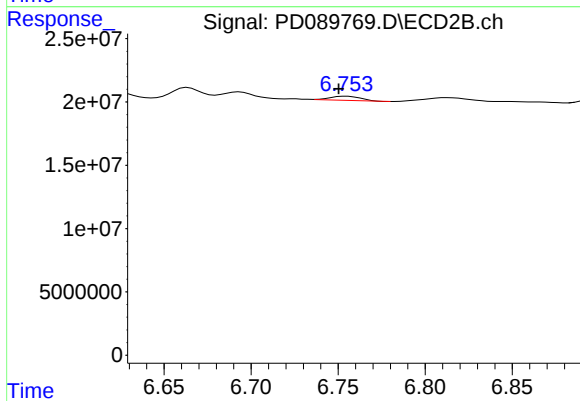
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.002 min
Response: 17763258
Conc: 0.96 ng/ml



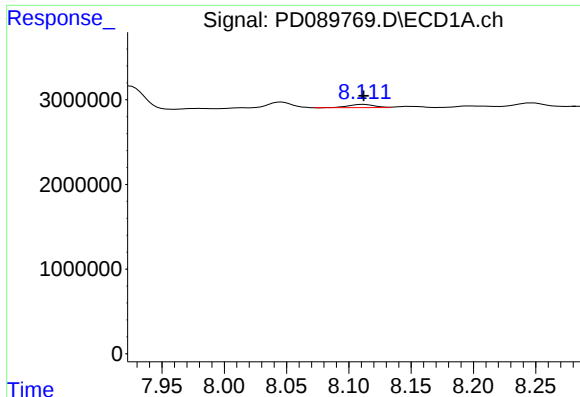
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: -0.012 min
Response: 839242
Conc: 0.47 ng/ml



#20 Methoxychlor

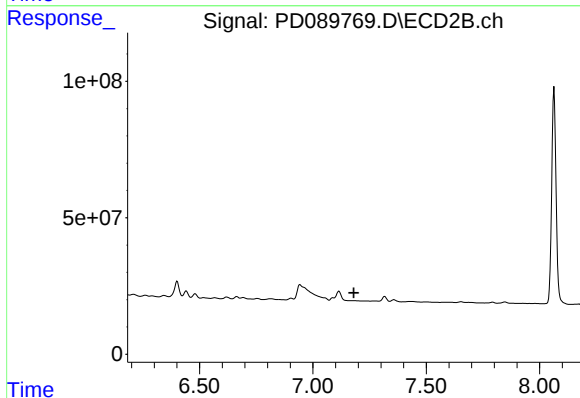
R.T.: 6.755 min
Delta R.T.: 0.004 min
Response: 3991106
Conc: 0.41 ng/ml



#22 Mirex

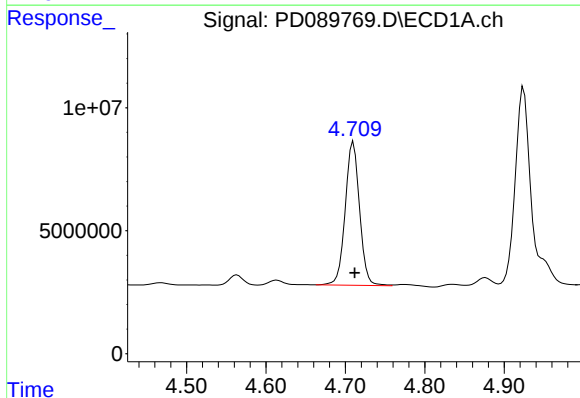
R.T.: 8.112 min
Delta R.T.: 0.000 min
Response: 558225
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



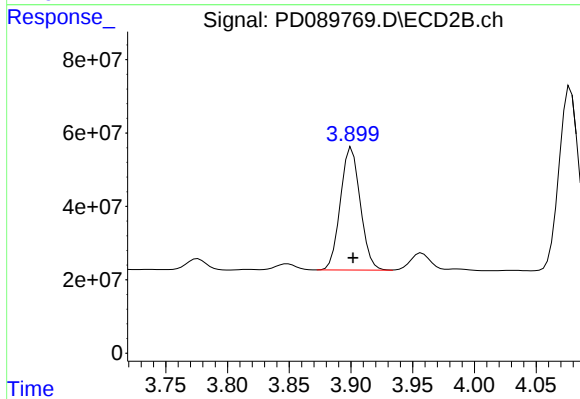
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



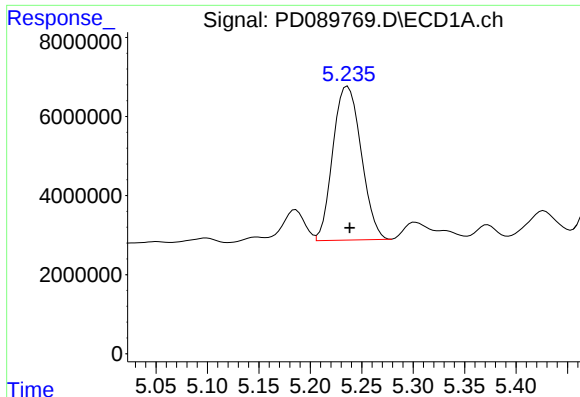
#23 Chlordane-1

R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 73264590
Conc: 439.88 ng/ml



#23 Chlordane-1

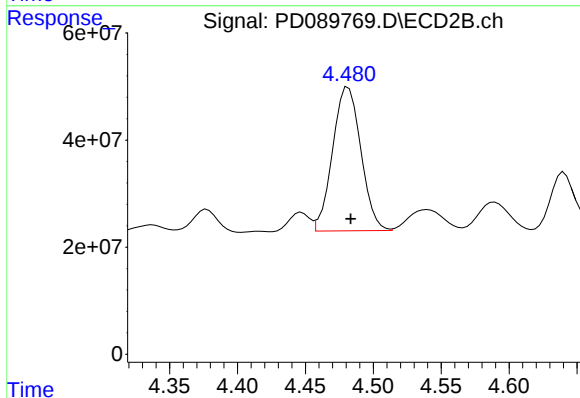
R.T.: 3.901 min
Delta R.T.: -0.001 min
Response: 374292540
Conc: 511.75 ng/ml



#24 Chlordane-2

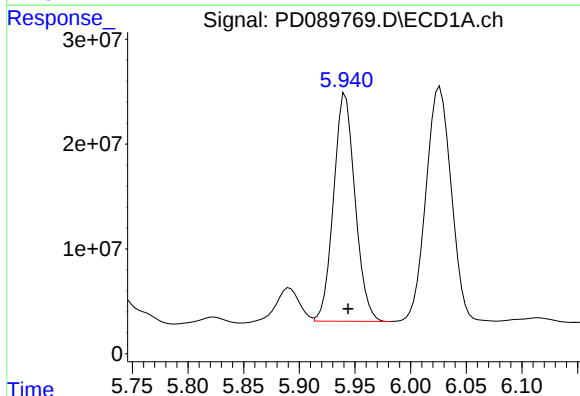
R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 74573086
Conc: 438.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



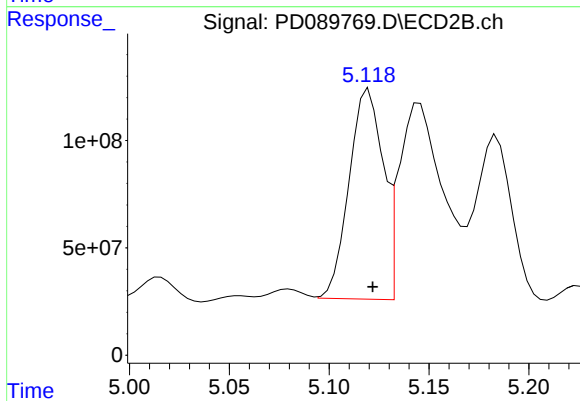
#24 Chlordane-2

R.T.: 4.482 min
Delta R.T.: -0.002 min
Response: 389634933
Conc: 509.75 ng/ml



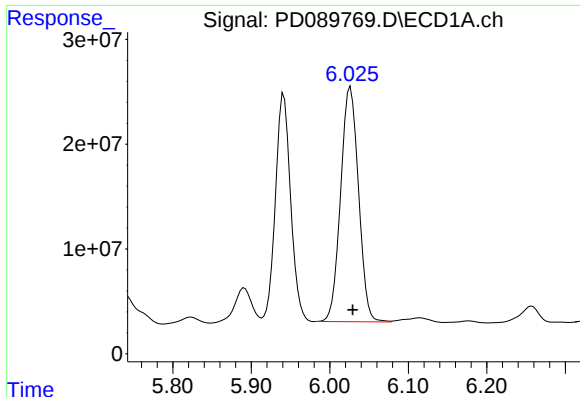
#25 Chlordane-3

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 291870180
Conc: 425.57 ng/ml



#25 Chlordane-3

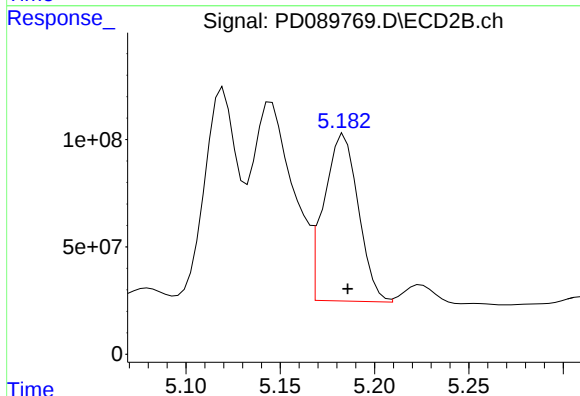
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1153360210
Conc: 498.37 ng/ml



#26 Chlordane-4

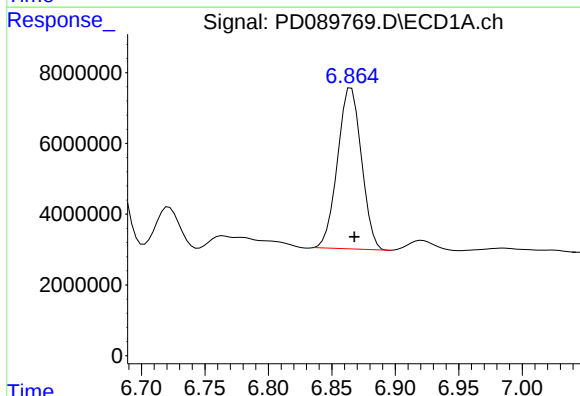
R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 355269929
Conc: 424.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



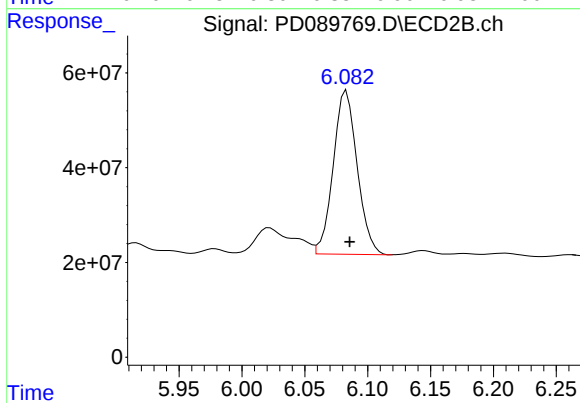
#26 Chlordane-4

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 987725921
Conc: 496.46 ng/ml



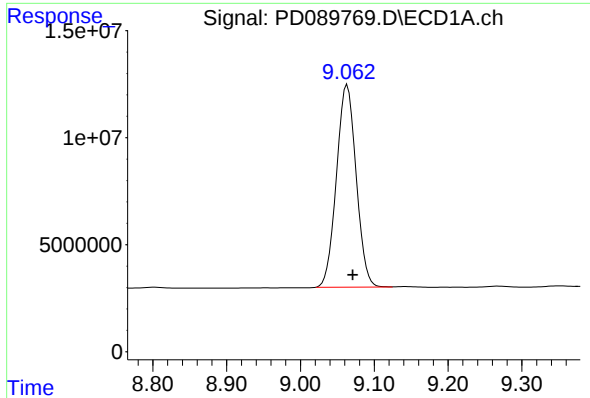
#27 Chlordane-5

R.T.: 6.865 min
Delta R.T.: -0.002 min
Response: 59688197
Conc: 413.76 ng/ml



#27 Chlordane-5

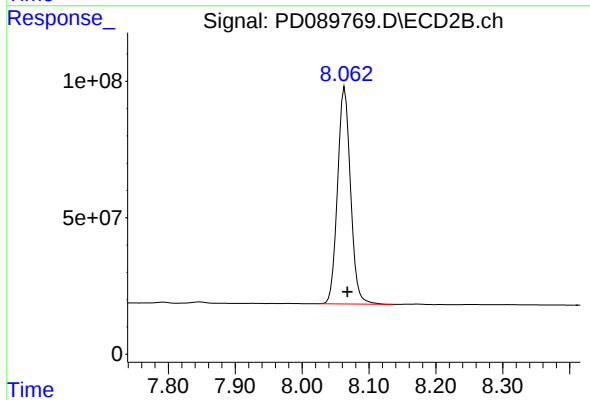
R.T.: 6.083 min
Delta R.T.: -0.003 min
Response: 457808739
Conc: 506.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.007 min
Response: 175484712
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 1069815406
Conc: 53.28 ng/ml