Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
Data File : PD089118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 09:25
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: Jun 26 02:13:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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...	3.551	2.881	57498594	359.2E6	20.153	21.191	
28)	SA Decachlor...	9.073	8.072	79906014	418.8E6	20.345	21.185	
	Target Compounds							
2)	A alpha-BHC	3.999	3.393	54444241	292.6E6	9.340	10.921	
3)	MA gamma-BHC...	4.330	3.729	54077802	272.1E6	9.688	10.990	
4)	MA Heptachlor	0.000	4.074	0	1714926	N.D.	0.068	#
5)	MB Aldrin	5.253f	4.364	316742	1626280	0.060	0.067	
6)	B beta-BHC	4.516	4.025	22758391	118.7E6	10.311	11.043	
7)	B delta-BHC	4.775	4.265	799554	424346	0.156	0.017	#
8)	B Heptachlo...	5.680	4.871	1084996	442907	0.225	0.020	#
9)	A Endosulfan I	6.103f	5.275f	49738	3627870	0.011	0.174	#
10)	B gamma-Chl...	5.942	5.126	305873	27297424	0.064	1.141	#
11)	B alpha-Chl...	6.032	5.189	1093358	14123738	0.226	0.617	#
12)	B 4,4'-DDE	6.196	5.377	449773	2370094	0.103	0.103	
13)	MA Dieldrin	6.366f	0.000	1532335	0	0.319	N.D.	#
14)	MA Endrin	6.574	5.789	196.7E6	1011.7E6	47.681	46.594	
15)	B Endosulfa...	6.770f	6.087	372070	6459152	0.092	0.320	#
16)	A 4,4'-DDD	6.705	5.930	8524923	53568360	2.484	2.800	
17)	MA 4,4'-DDT	7.021	6.183	347.9E6	1816.3E6	91.829	89.565	
18)	B Endrin al...	6.916	6.257	2181345	17520327	0.712	1.144	#
20)	A Methoxychlor	7.493	6.753	418.4E6	1888.5E6	207.080	175.378	
21)	B Endrin ke...	7.630	6.990	5281977	45982245	1.297	2.129	#
22)	Mirex	8.119	7.176	150316	5036552	0.049	0.302	#
23)	Chlordane-1	0.000	3.901	0	1055812	N.D.	1.133	#
24)	Chlordane-2	5.253	4.486	316742	7948662	1.451	8.353	#
25)	Chlordane-3	5.942	5.126	305873	27297424	0.355	9.190	#
26)	Chlordane-4	6.032	5.189	1093358	14123738	1.041	5.634	#
27)	Chlordane-5	6.871	6.087	275739	6459152	1.509	5.708	#

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

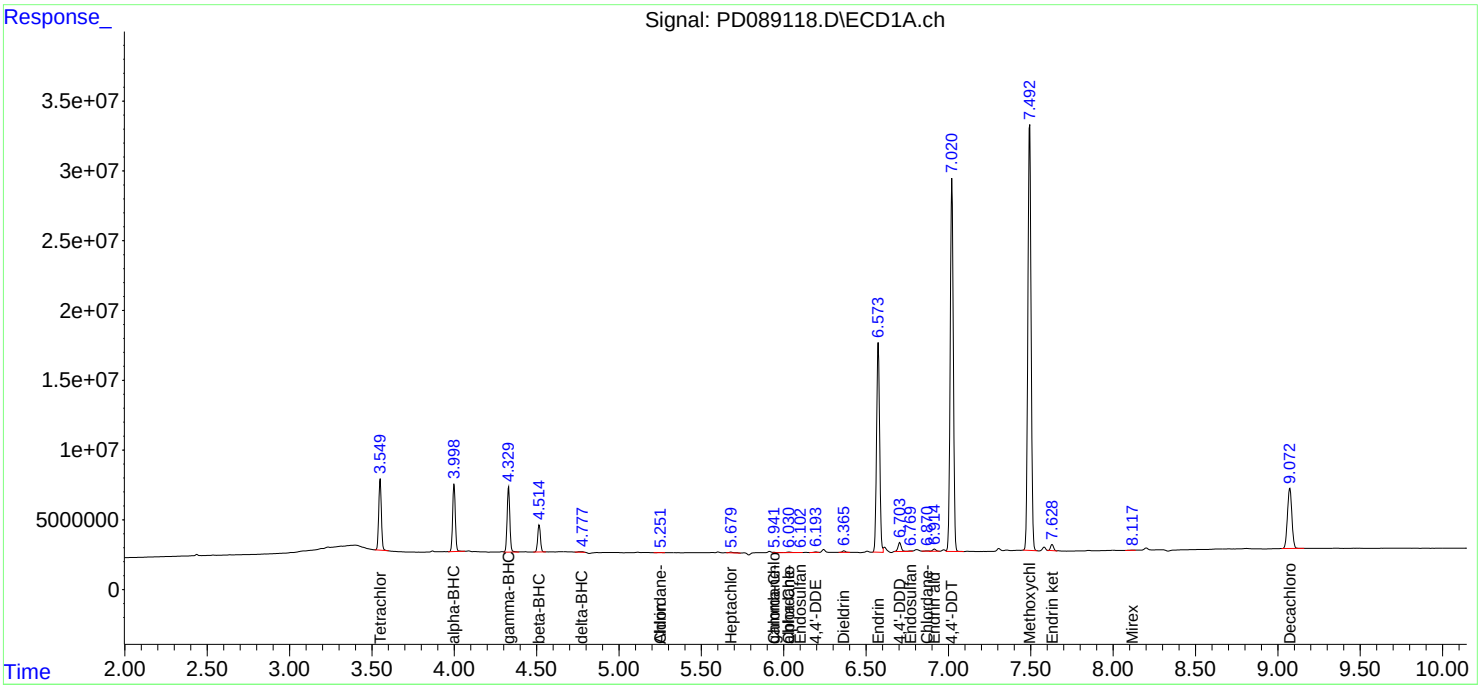
Quantitation Report (Not Reviewed)

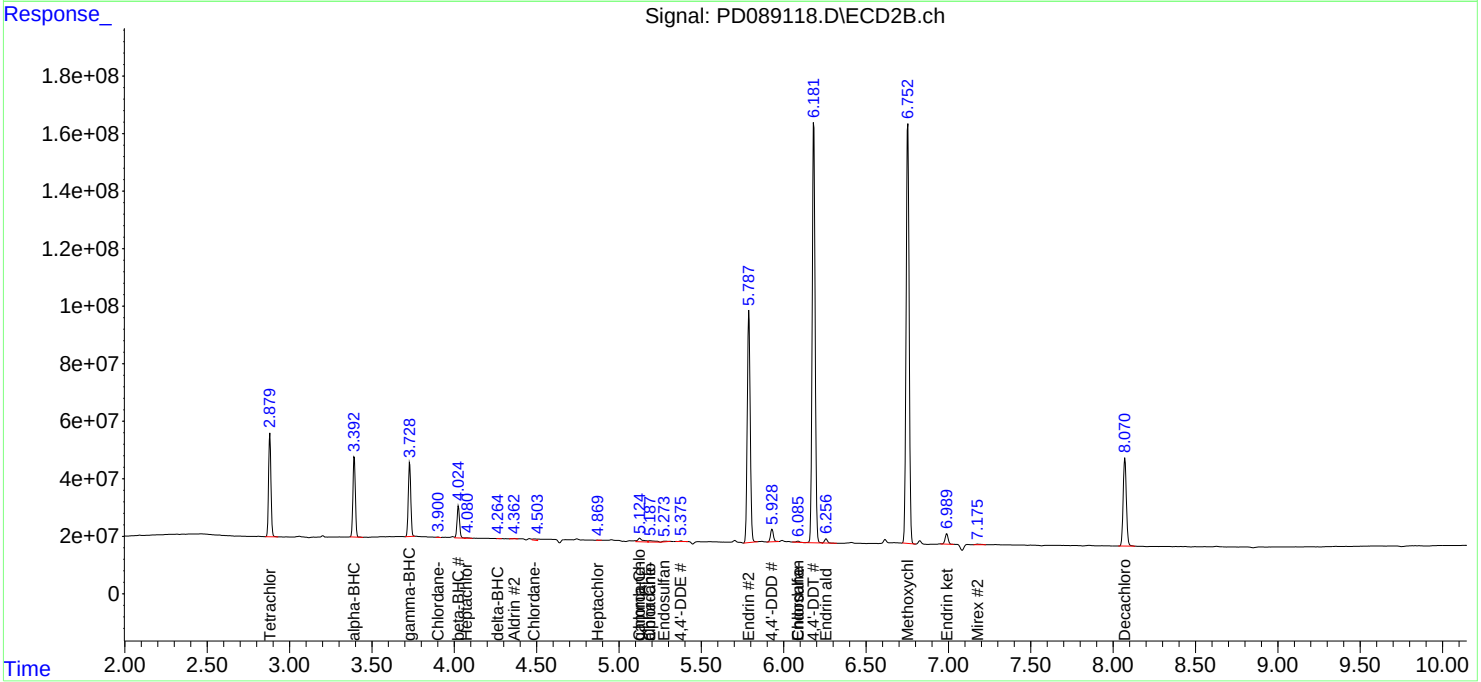
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
Data File : PD089118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 09:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

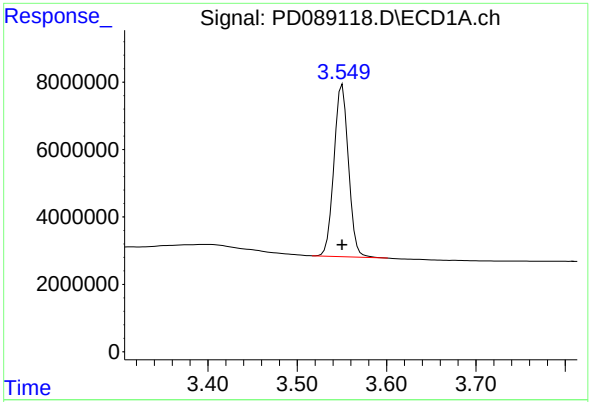
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 02:13:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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



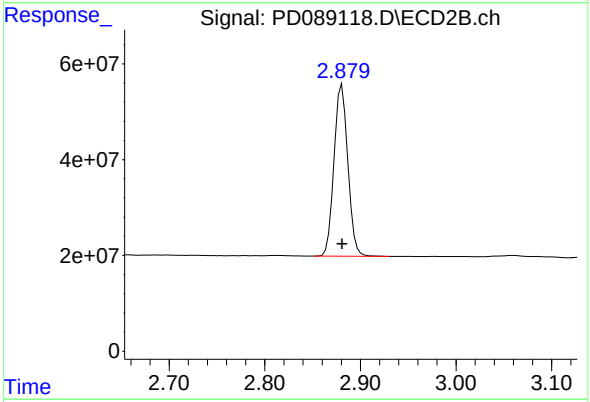




#1 Tetrachloro-m-xylene

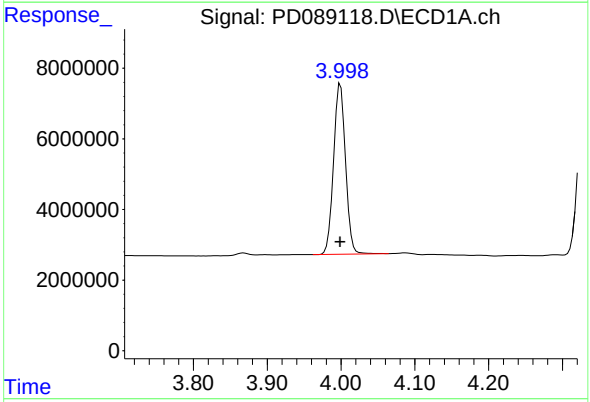
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 57498594
Conc: 20.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



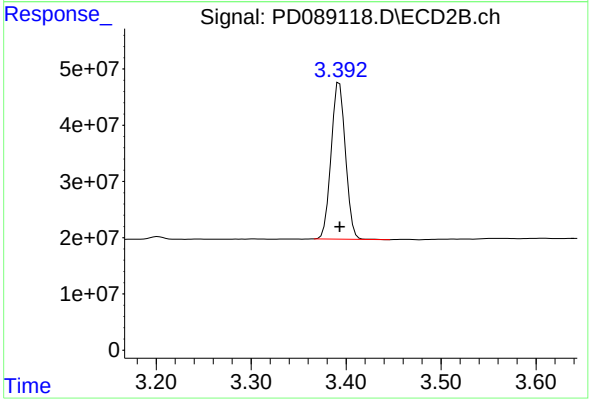
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 359246334
Conc: 21.19 ng/ml



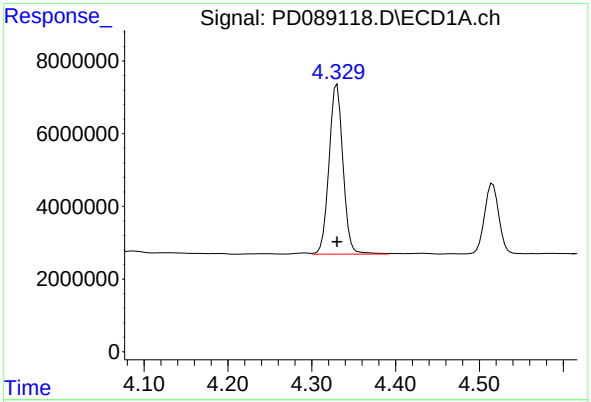
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 54444241
Conc: 9.34 ng/ml



#2 alpha-BHC

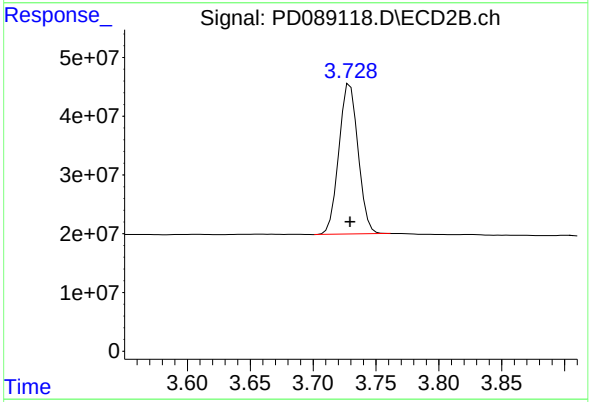
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 292644938
Conc: 10.92 ng/ml



#3 gamma-BHC (Lindane)

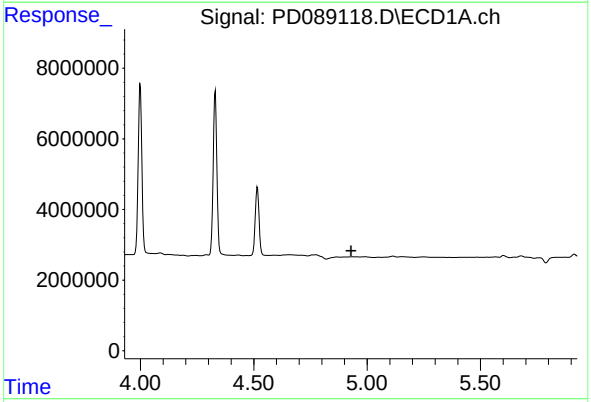
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 54077802
Conc: 9.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



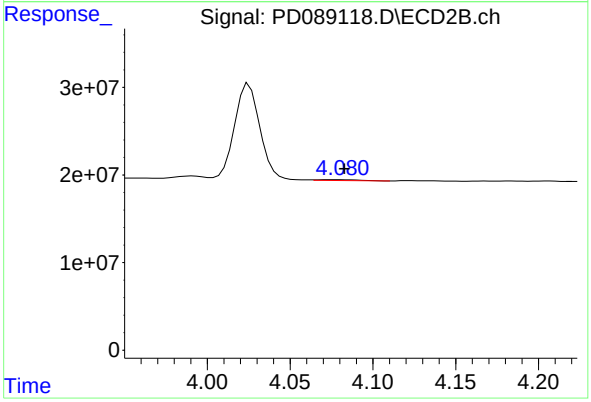
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 272084160
Conc: 10.99 ng/ml



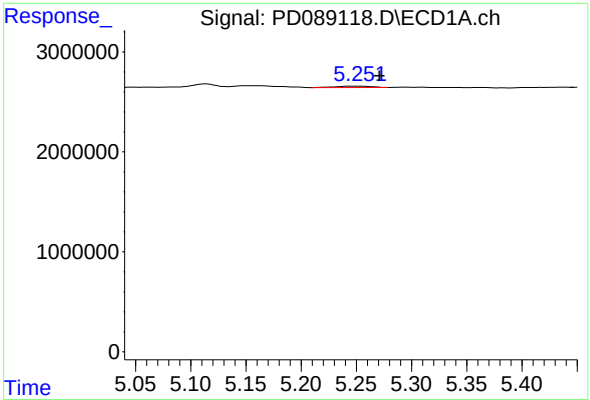
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#4 Heptachlor

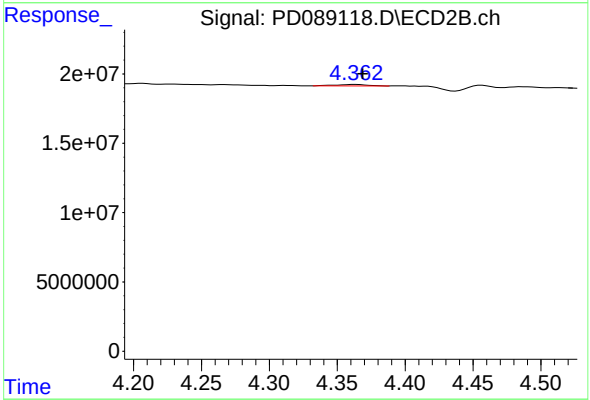
R.T.: 4.074 min
Delta R.T.: -0.009 min
Response: 1714926
Conc: 0.07 ng/ml



#5 Aldrin

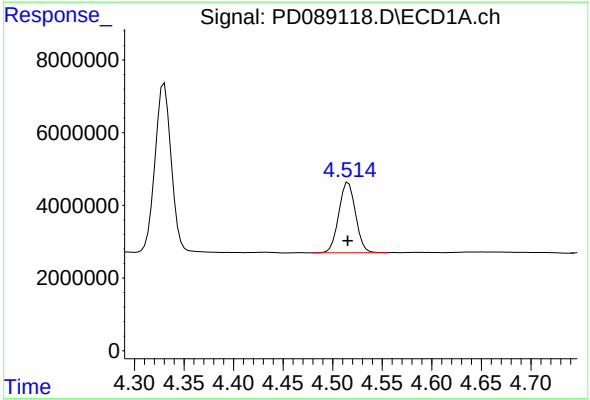
R.T.: 5.253 min
Delta R.T.: -0.018 min
Response: 316742
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



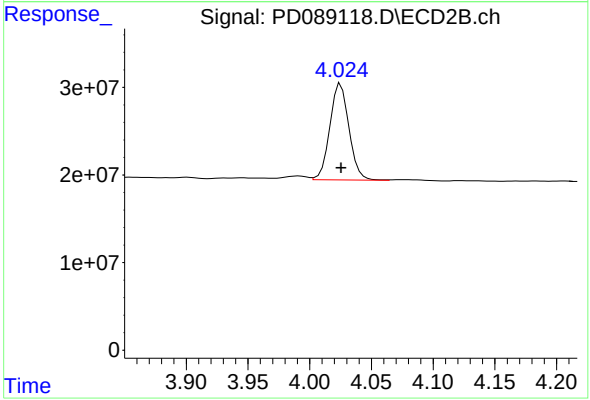
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 1626280
Conc: 0.07 ng/ml



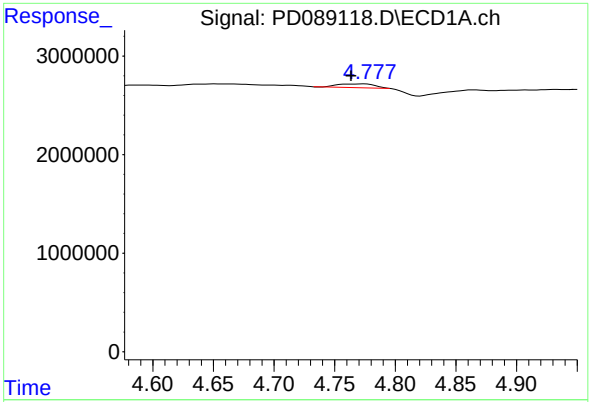
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 22758391
Conc: 10.31 ng/ml



#6 beta-BHC

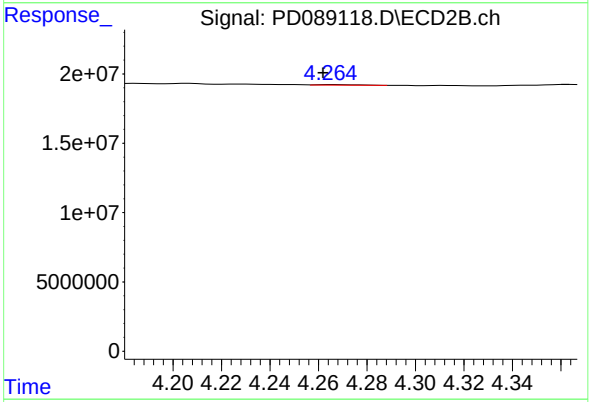
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 118675205
Conc: 11.04 ng/ml



#7 delta-BHC

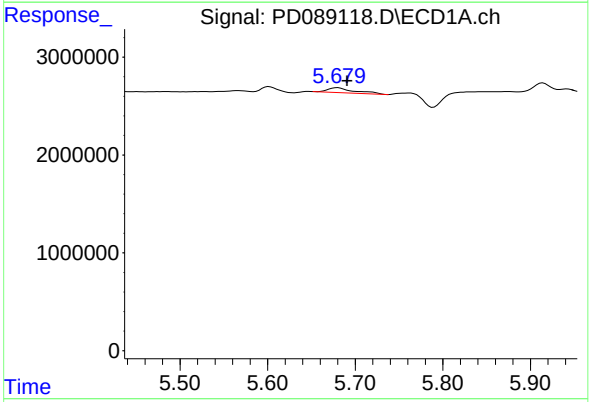
R.T.: 4.775 min
Delta R.T.: 0.011 min
Response: 799554
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



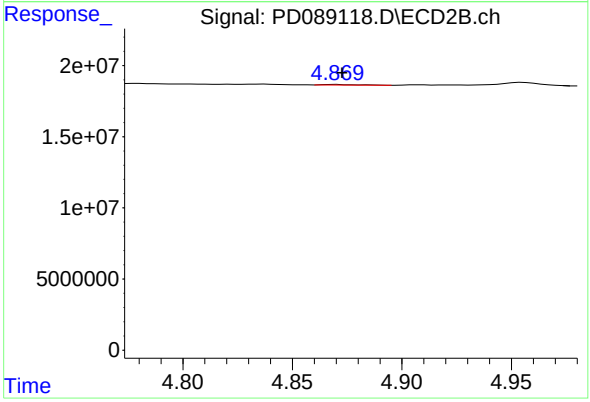
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.003 min
Response: 424346
Conc: 0.02 ng/ml



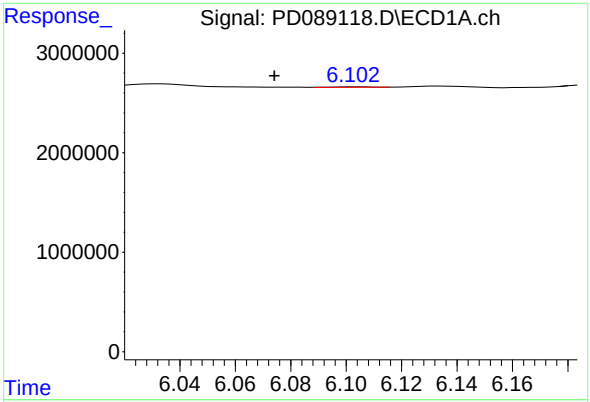
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.011 min
Response: 1084996
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

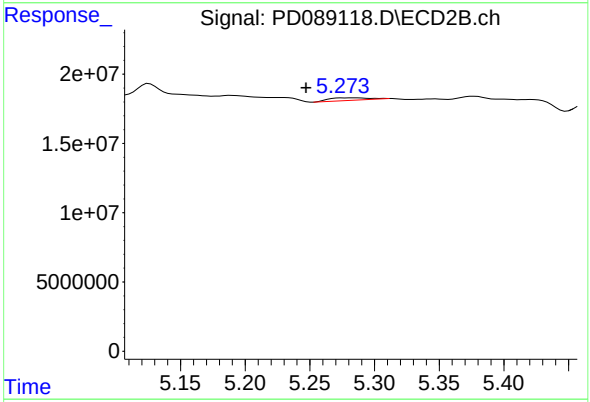
R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 442907
Conc: 0.02 ng/ml



#9 Endosulfan I

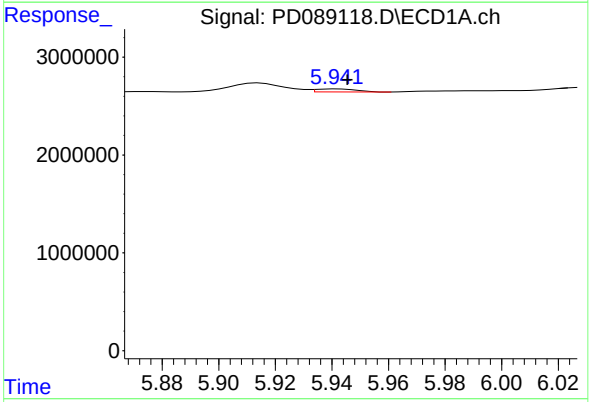
R.T.: 6.103 min
Delta R.T.: 0.029 min
Response: 49738
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



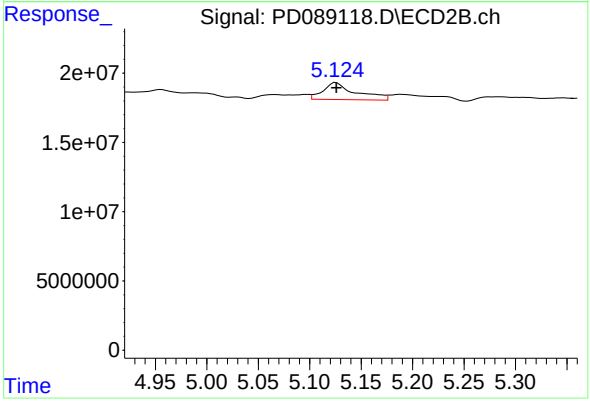
#9 Endosulfan I

R.T.: 5.275 min
Delta R.T.: 0.028 min
Response: 3627870
Conc: 0.17 ng/ml



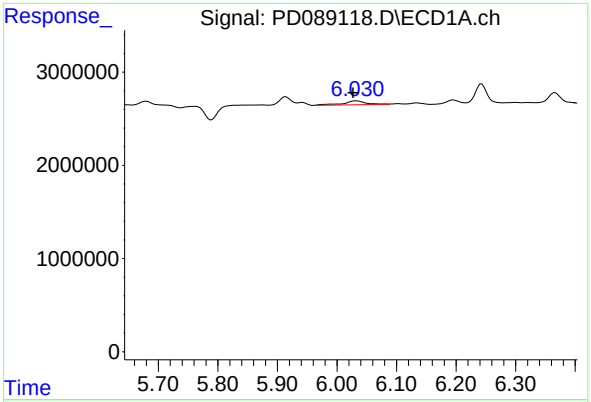
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 305873
Conc: 0.06 ng/ml



#10 gamma-Chlordane

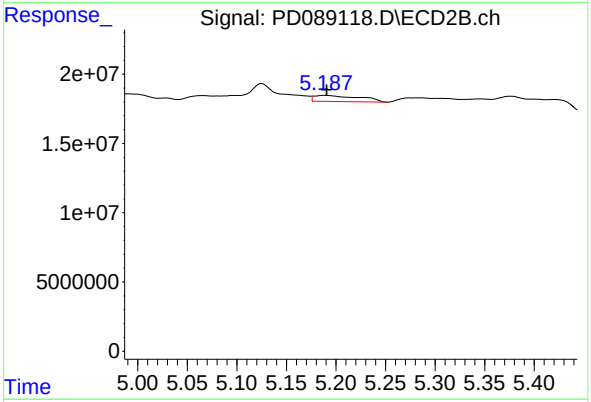
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27297424
Conc: 1.14 ng/ml



#11 alpha-Chlordane

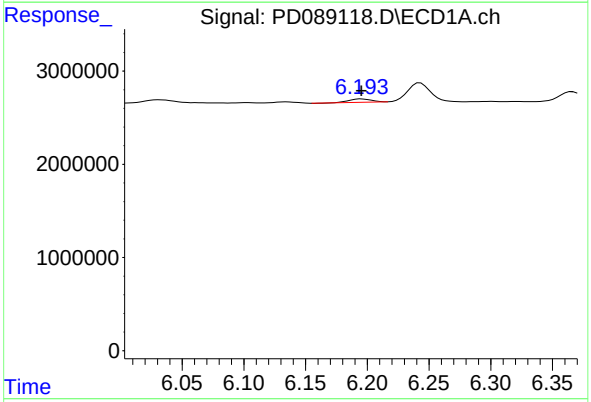
R.T.: 6.032 min
Delta R.T.: 0.006 min
Response: 1093358
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



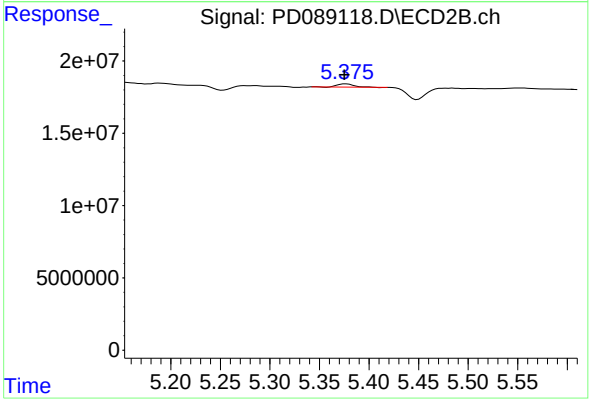
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 14123738
Conc: 0.62 ng/ml



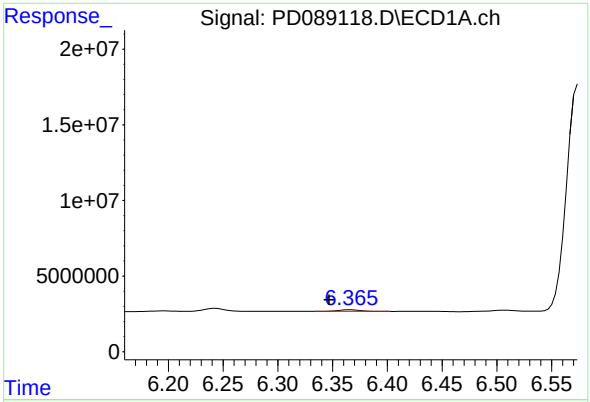
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 449773
Conc: 0.10 ng/ml



#12 4,4'-DDE

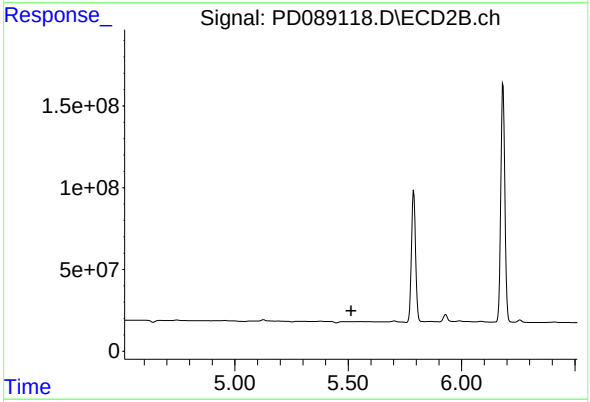
R.T.: 5.377 min
Delta R.T.: 0.002 min
Response: 2370094
Conc: 0.10 ng/ml



#13 Dieldrin

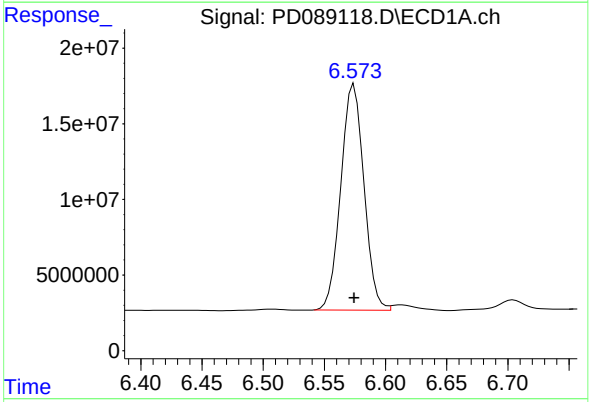
R.T.: 6.366 min
Delta R.T.: 0.019 min
Response: 1532335
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



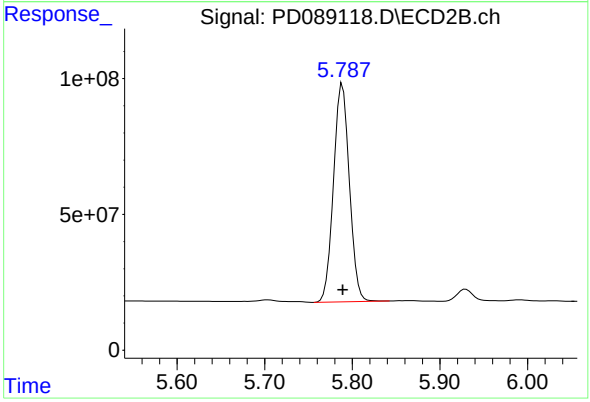
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.513 min
Response: 0
Conc: N.D.



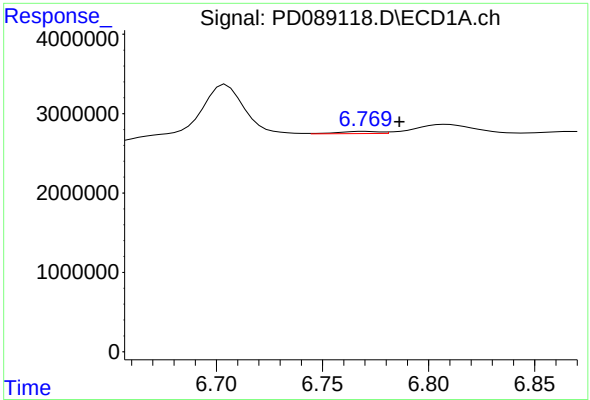
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 196713867
Conc: 47.68 ng/ml



#14 Endrin

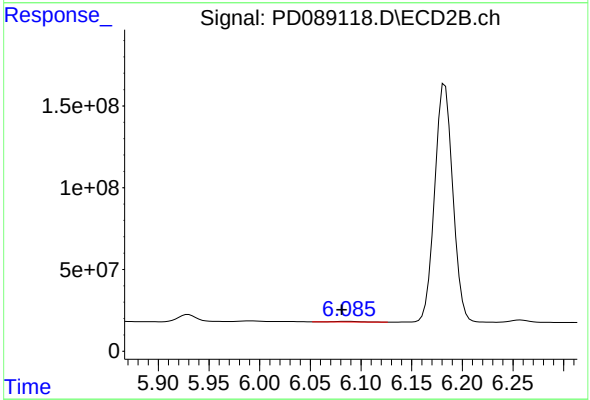
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1011741574
Conc: 46.59 ng/ml



#15 Endosulfan II

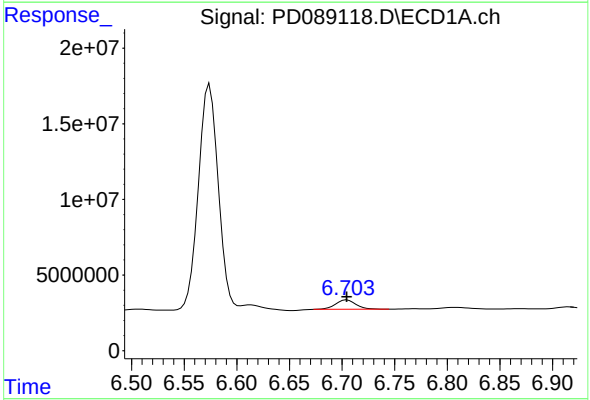
R.T.: 6.770 min
Delta R.T.: -0.016 min
Response: 372070
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



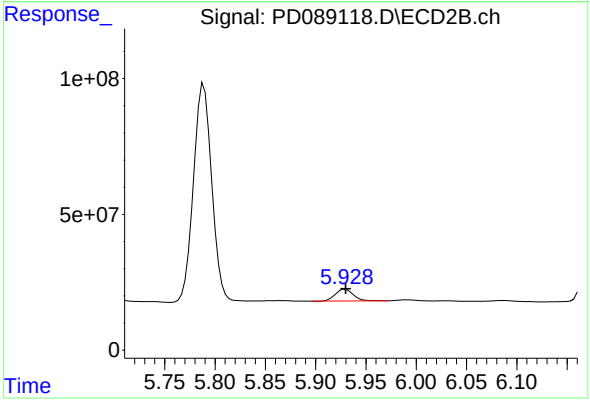
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 6459152
Conc: 0.32 ng/ml



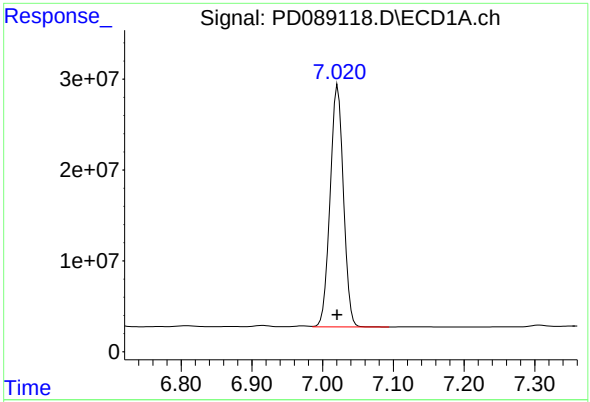
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 8524923
Conc: 2.48 ng/ml



#16 4,4'-DDD

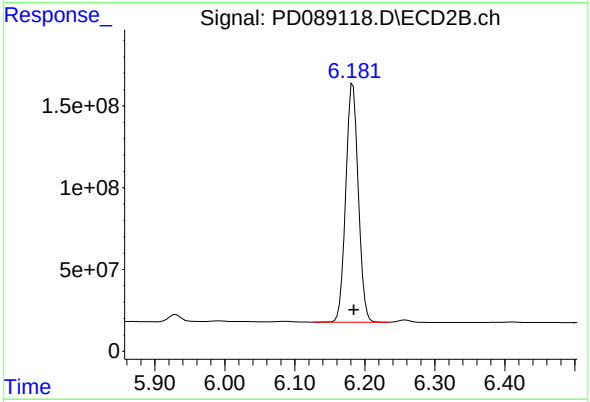
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 53568360
Conc: 2.80 ng/ml



#17 4,4'-DDT

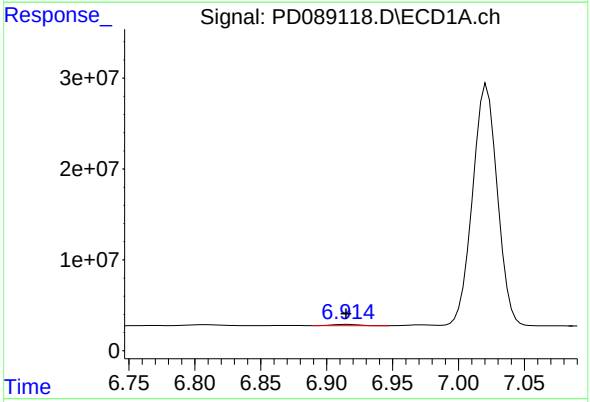
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 347867968
Conc: 91.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



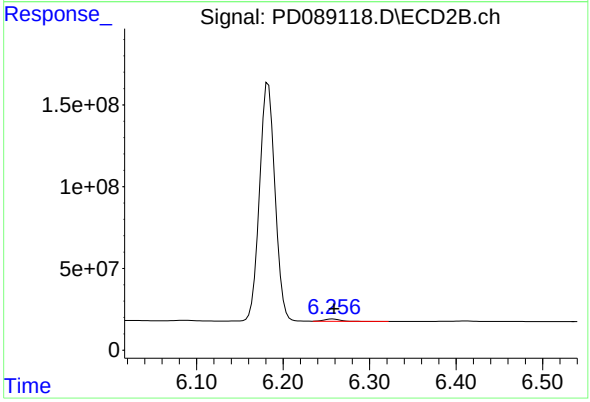
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 1816311180
Conc: 89.56 ng/ml



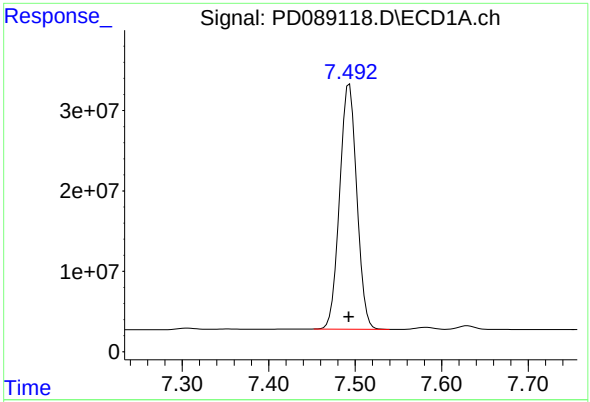
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 2181345
Conc: 0.71 ng/ml



#18 Endrin aldehyde

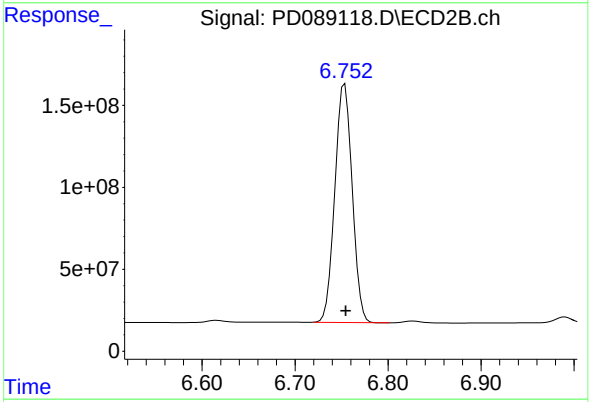
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 17520327
Conc: 1.14 ng/ml



#20 Methoxychlor

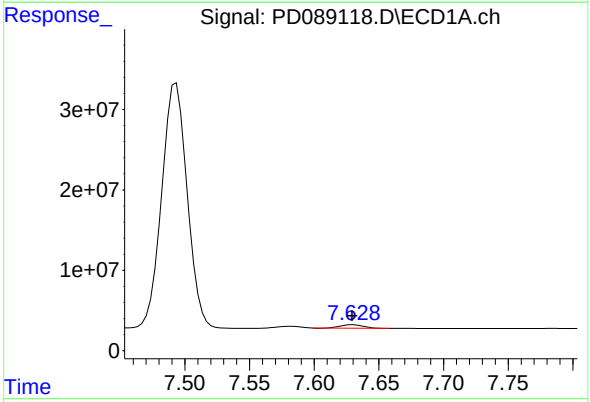
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 418430697
Conc: 207.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



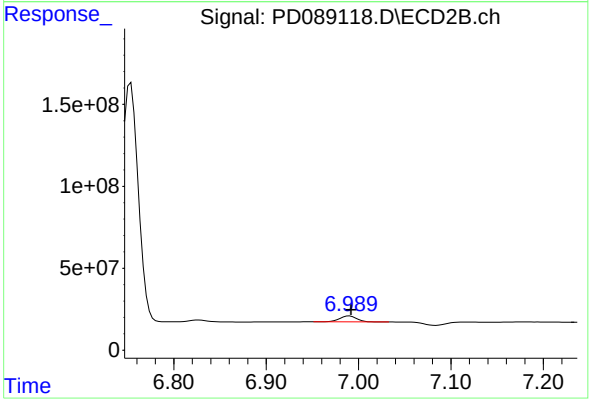
#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 1888480494
Conc: 175.38 ng/ml



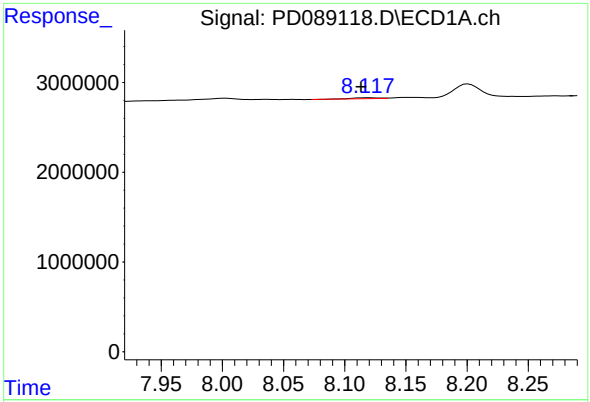
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 5281977
Conc: 1.30 ng/ml



#21 Endrin ketone

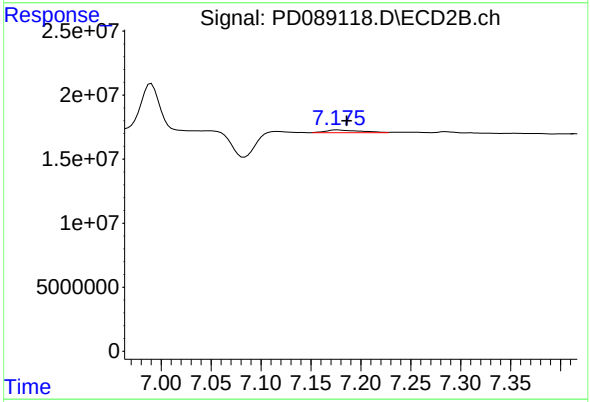
R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 45982245
Conc: 2.13 ng/ml



#22 Mirex

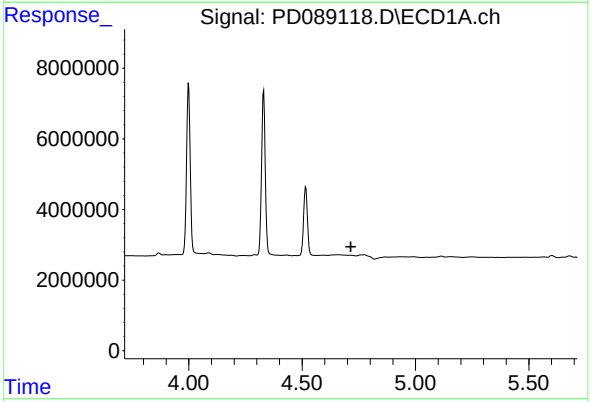
R.T.: 8.119 min
Delta R.T.: 0.005 min
Response: 150316
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



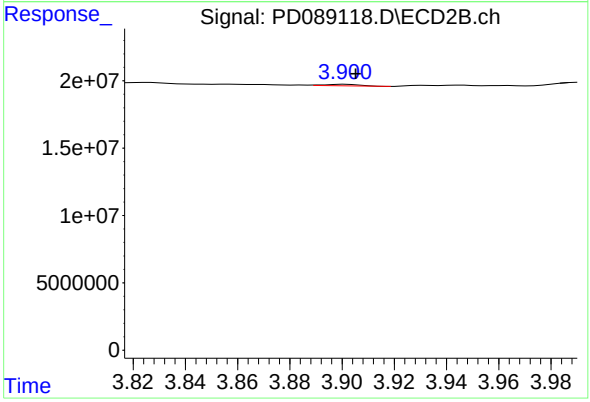
#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.009 min
Response: 5036552
Conc: 0.30 ng/ml



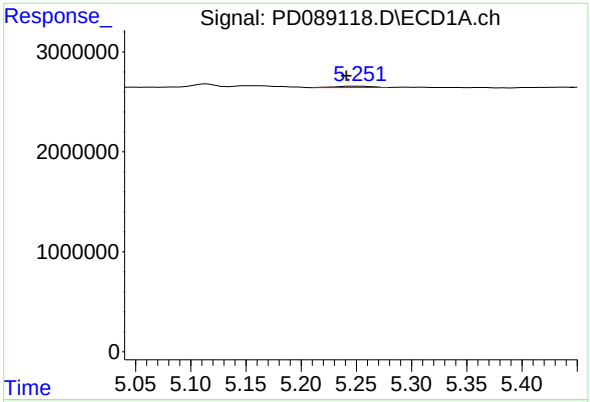
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



#23 Chlordane-1

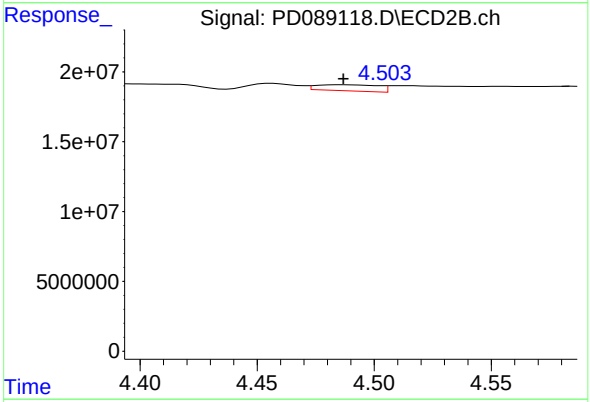
R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 1055812
Conc: 1.13 ng/ml



#24 Chlordane-2

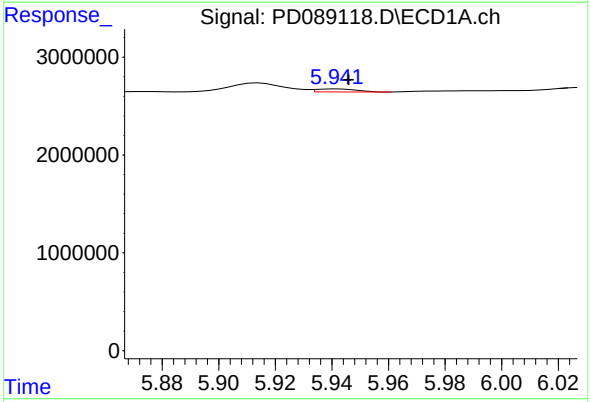
R.T.: 5.253 min
Delta R.T.: 0.012 min
Response: 316742
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



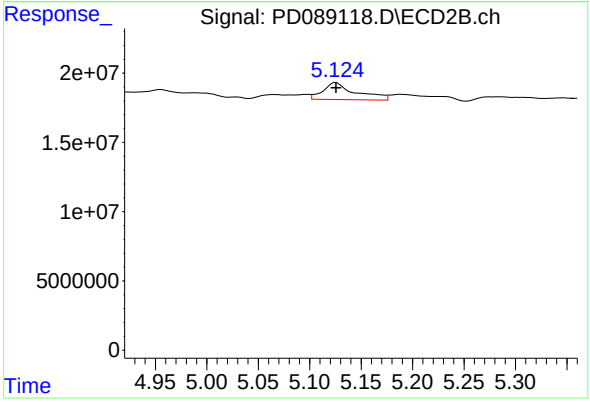
#24 Chlordane-2

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 7948662
Conc: 8.35 ng/ml



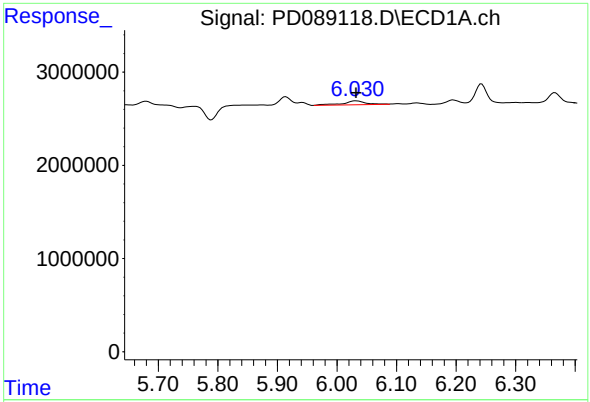
#25 Chlordane-3

R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 305873
Conc: 0.35 ng/ml



#25 Chlordane-3

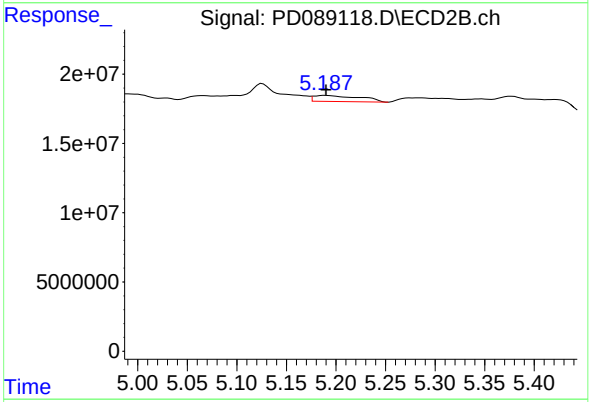
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27297424
Conc: 9.19 ng/ml



#26 Chlordane-4

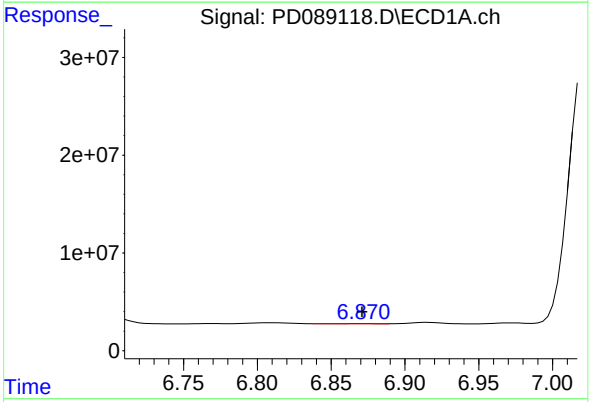
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 1093358
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



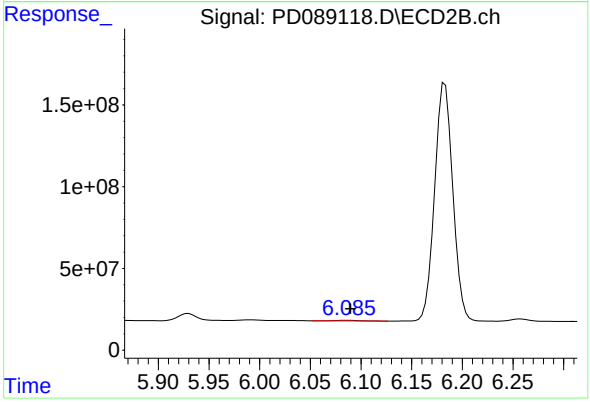
#26 Chlordane-4

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 14123738
Conc: 5.63 ng/ml



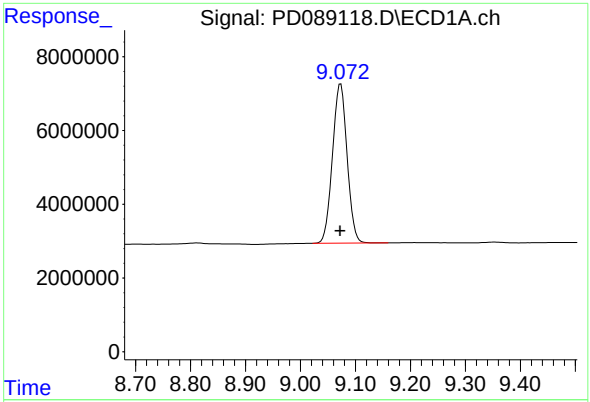
#27 Chlordane-5

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 275739
Conc: 1.51 ng/ml



#27 Chlordane-5

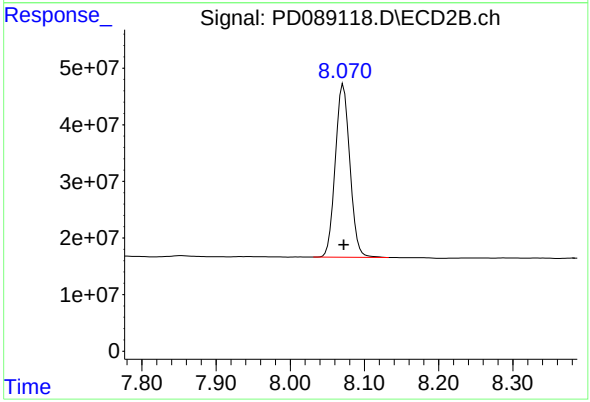
R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 6459152
Conc: 5.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.001 min
Response: 79906014
Conc: 20.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 418831539
Conc: 21.19 ng/ml