Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:33
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: Aug 18 01:52:25 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...	3.548	2.878	44680830	360.6E6	18.114	22.766	#
28)	SA Decachlor...	9.068	8.066	68277163	419.2E6	18.373	20.878	
	Target Compounds							
2)	A alpha-BHC	3.997	3.390	42505578	303.9E6	8.581	12.502	#
3)	MA gamma-BHC...	4.328	3.727	42783623	276.3E6	9.003	12.267	#
4)	MA Heptachlor	4.952f	4.078	521265	2364445	0.108	0.102	
5)	MB Aldrin	0.000	4.363	0	1198023	N.D.	0.054	#
6)	B beta-BHC	4.514	4.022	18024628	118.2E6	9.771	12.245	#
7)	B delta-BHC	4.774	4.259	1901165	1218540	0.415	0.054	#
8)	B Heptachlo...	5.680	4.874	8402954	4056389	2.010	0.197	#
9)	A Endosulfan I	0.000	5.223f	0	18211673	N.D.	0.932	#
10)	B gamma-Chl...	5.942	5.122	348639	37415751	0.083	1.728	#
11)	B alpha-Chl...	6.028	5.184	500696	42338128	0.119	2.033	#
12)	B 4,4'-DDE	6.195	5.373	239040	3274423	0.064	0.155	#
13)	MA Dieldrin	6.364f	5.509	301359	5436800	0.071	0.251	#
14)	MA Endrin	6.572	5.785	160.4E6	1144.6E6	44.837	57.443	#
15)	B Endosulfa...	6.768f	6.082	3666550	6977267	0.999	0.371	#
16)	A 4,4'-DDD	6.702	5.925	13928149	32800960	4.651	1.860	#
17)	MA 4,4'-DDT	7.018	6.178	280.2E6	1993.0E6	83.396	108.478	#
18)	B Endrin al...	6.913	6.252	1182484	15215097	0.474	1.178	#
20)	A Methoxychlor	7.490	6.749	348.5E6	2168.1E6	194.931	221.333	
21)	B Endrin ke...	7.627	6.985	2569173	9921414	0.692	0.494	#
22)	Mirex	8.114	7.171	623477	5410911	0.224	0.355	#
23)	Chlordane-1	0.000	3.898	0	2180548	N.D.	2.981	#
24)	Chlordane-2	0.000	4.487	0	27998599	N.D.	36.630	#
25)	Chlordane-3	5.942	5.122	348639	37415751	0.508	16.167	#
26)	Chlordane-4	6.028	5.184	500696	42338128	0.598	21.280	#
27)	Chlordane-5	0.000	6.082	0	6977267	N.D.	7.712	#

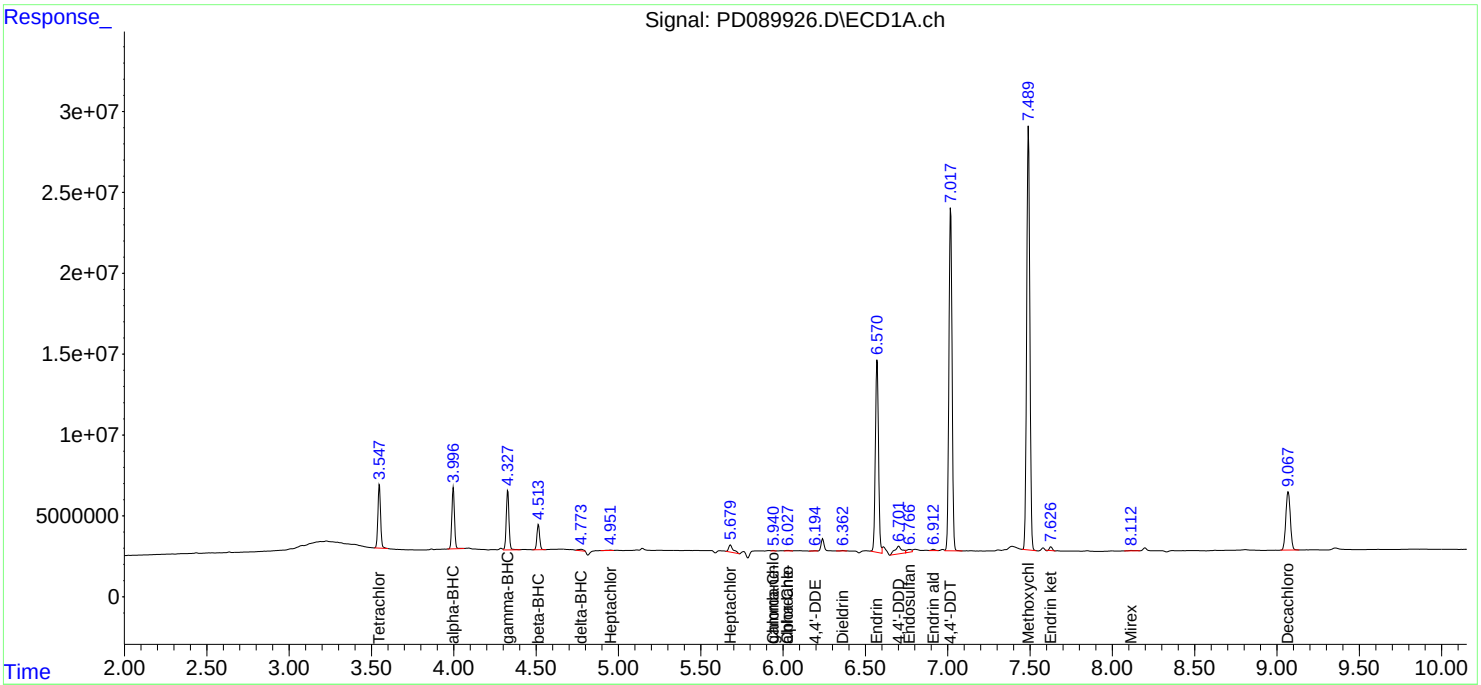
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

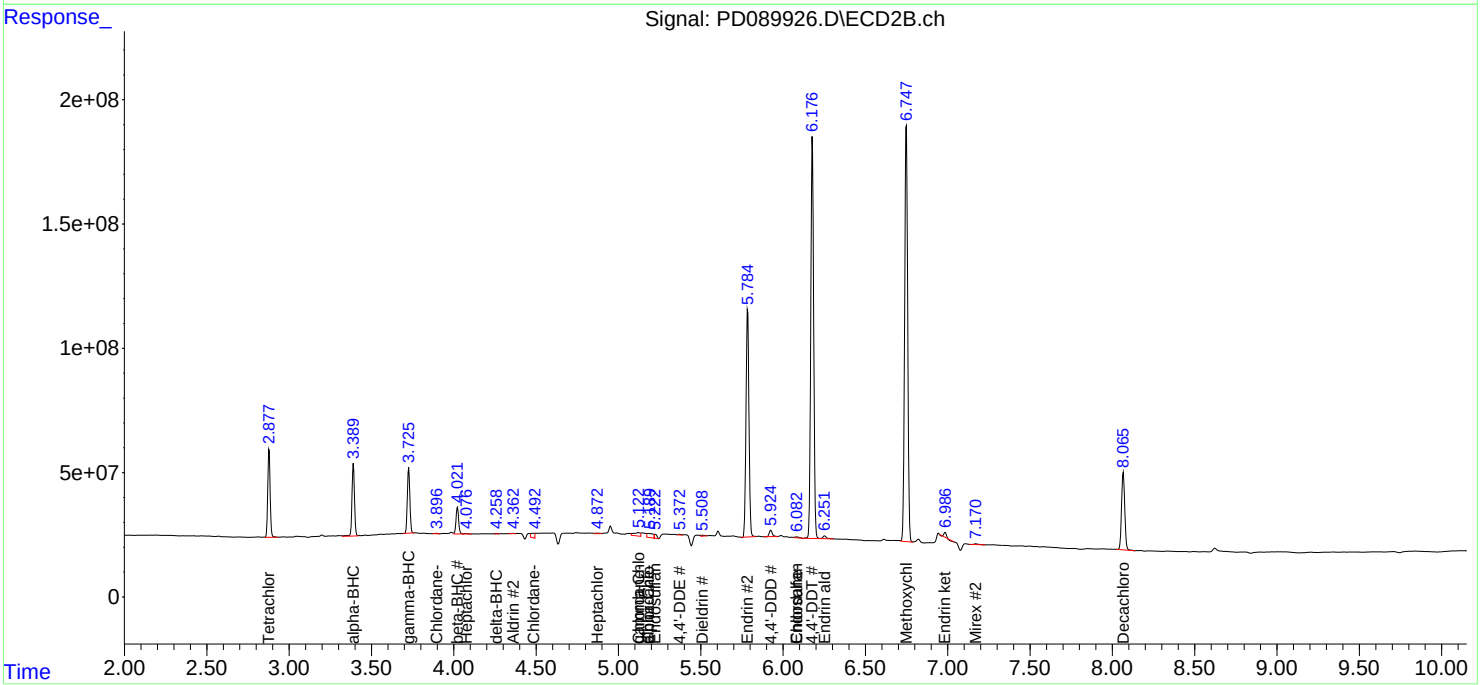
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

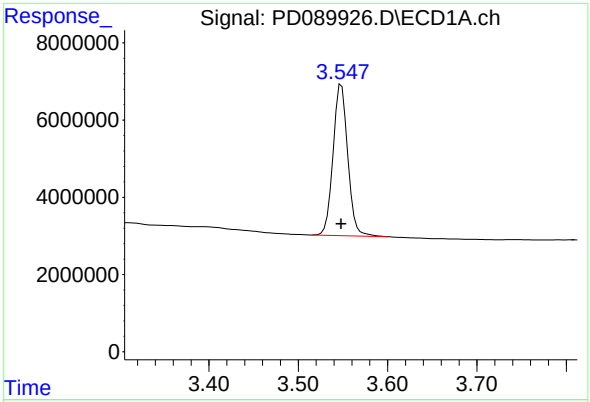
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:25 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



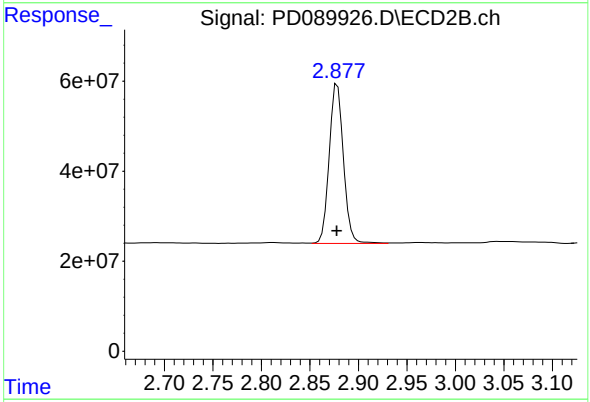




#1 Tetrachloro-m-xylene

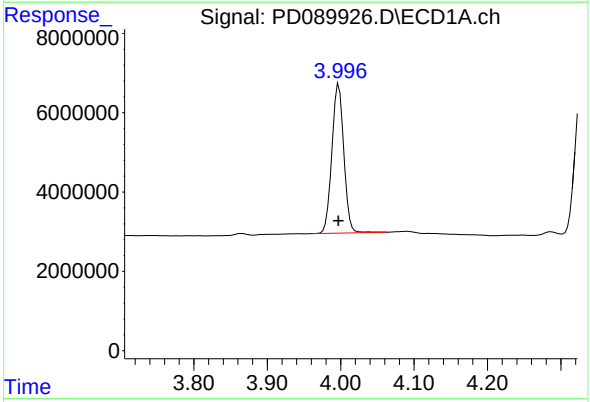
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 44680830
Conc: 18.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



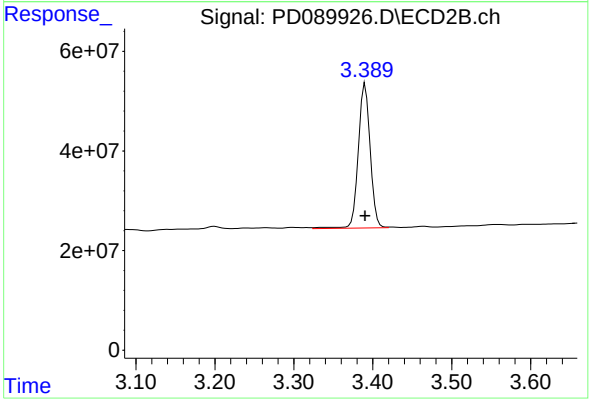
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 360559551
Conc: 22.77 ng/ml



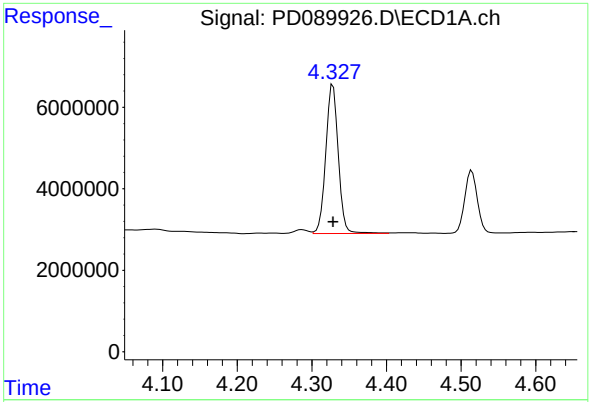
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 42505578
Conc: 8.58 ng/ml



#2 alpha-BHC

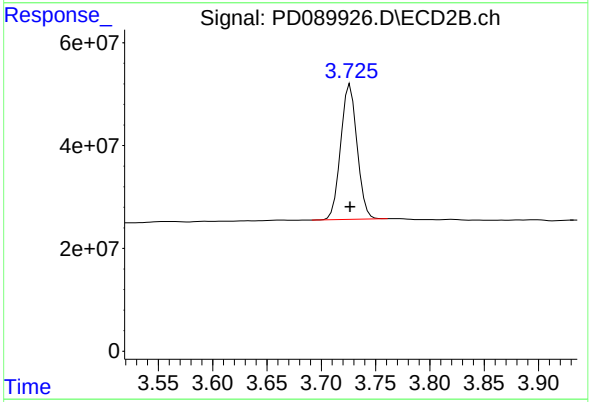
R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 303859450
Conc: 12.50 ng/ml



#3 gamma-BHC (Lindane)

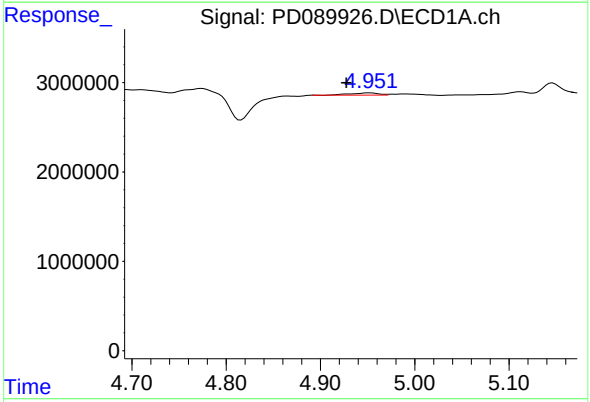
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 42783623
Conc: 9.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



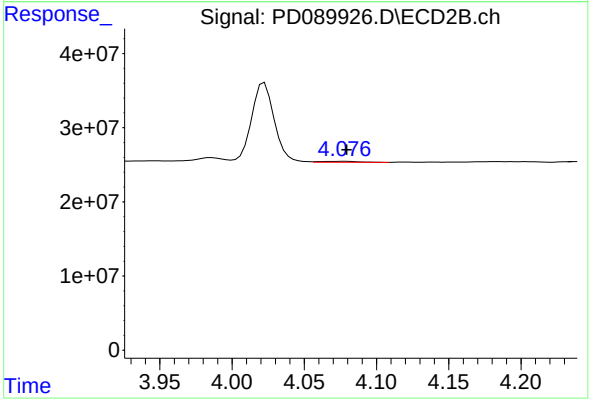
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 276296789
Conc: 12.27 ng/ml



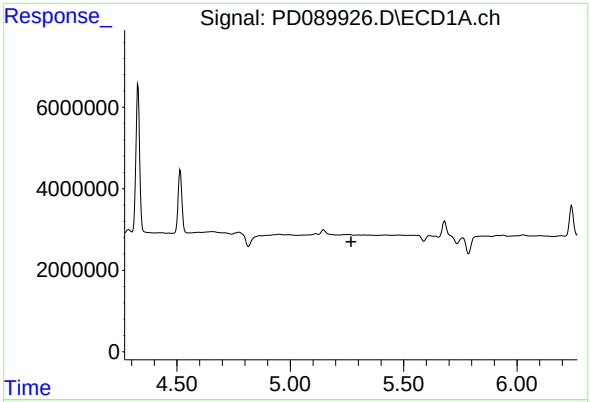
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.025 min
Response: 521265
Conc: 0.11 ng/ml



#4 Heptachlor

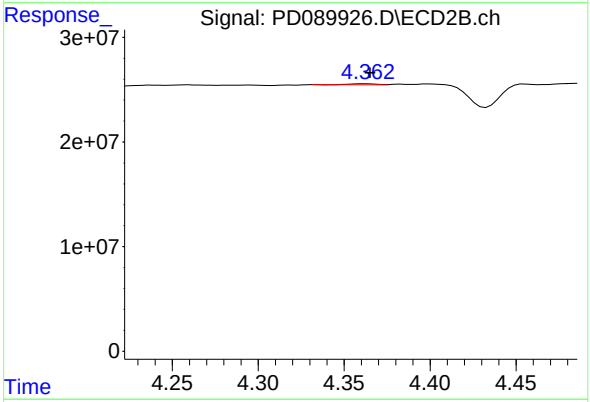
R.T.: 4.078 min
Delta R.T.: -0.002 min
Response: 2364445
Conc: 0.10 ng/ml



#5 Aldrin

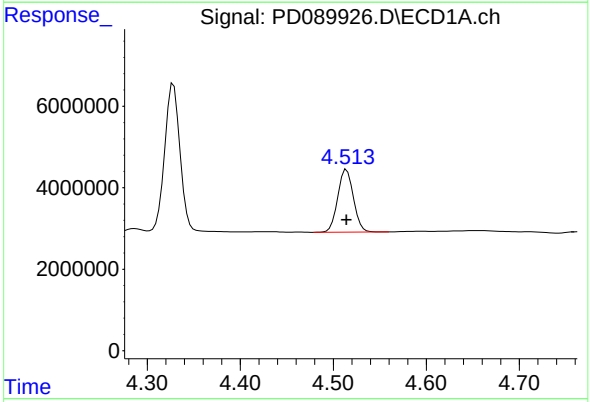
R.T.: 0.000 min
Exp R.T. : 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



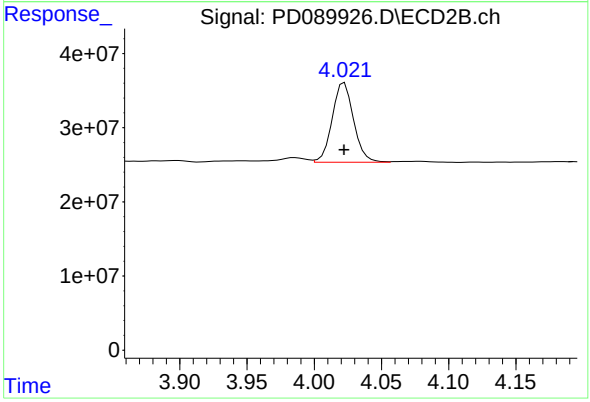
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 1198023
Conc: 0.05 ng/ml



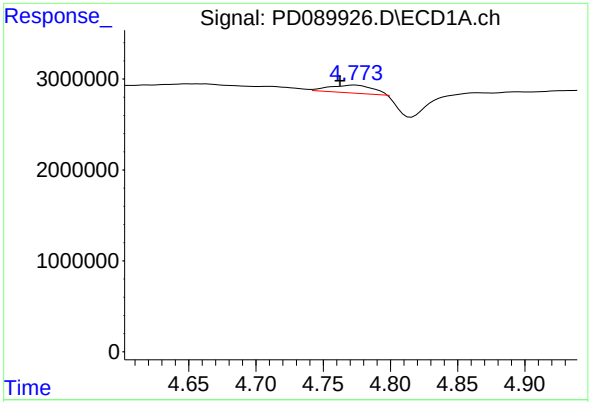
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 18024628
Conc: 9.77 ng/ml



#6 beta-BHC

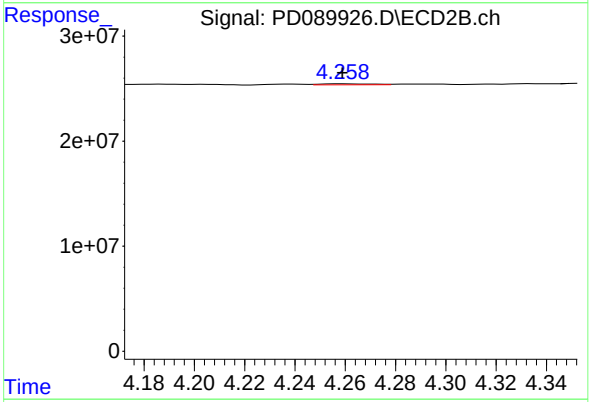
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 118154556
Conc: 12.25 ng/ml



#7 delta-BHC

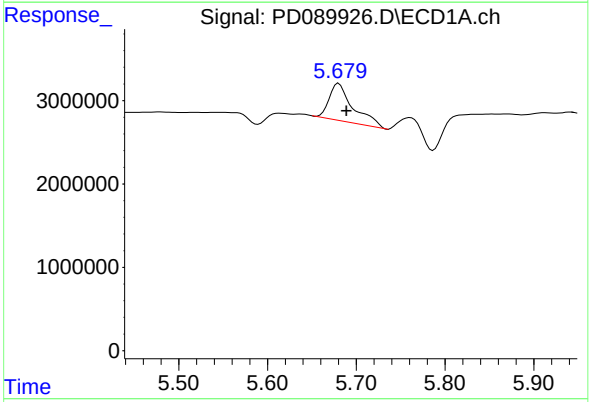
R.T.: 4.774 min
Delta R.T.: 0.011 min
Response: 1901165
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



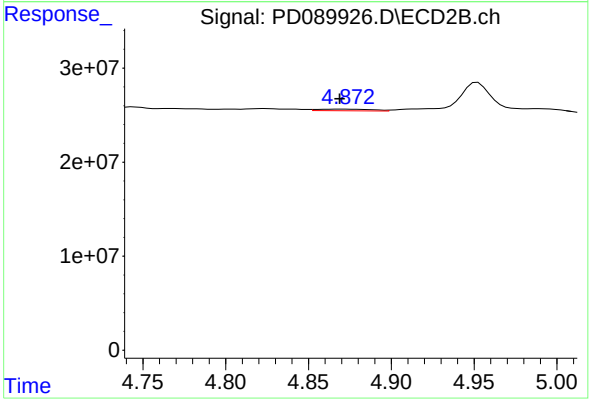
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1218540
Conc: 0.05 ng/ml



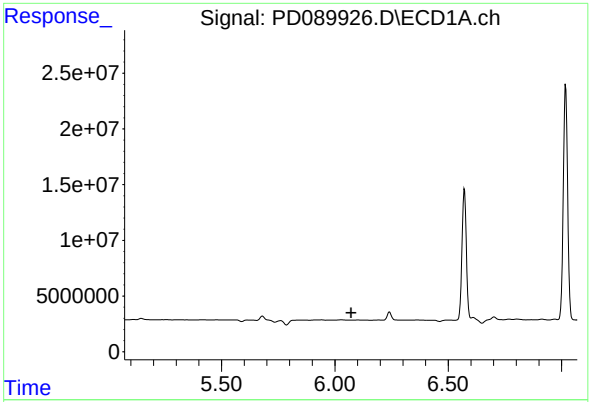
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.008 min
Response: 8402954
Conc: 2.01 ng/ml



#8 Heptachlor epoxide

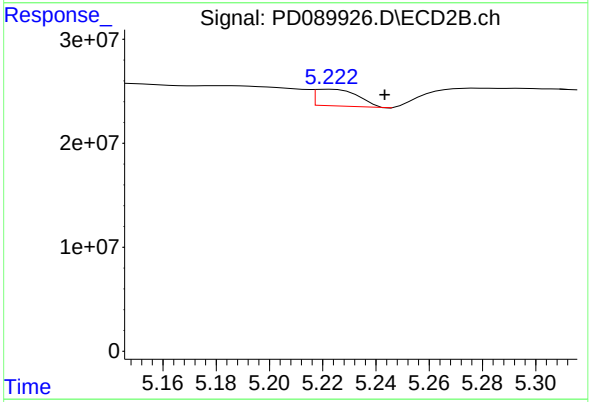
R.T.: 4.874 min
Delta R.T.: 0.005 min
Response: 4056389
Conc: 0.20 ng/ml



#9 Endosulfan I

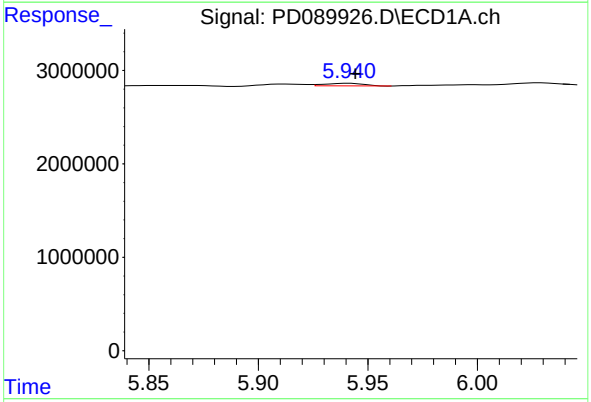
R.T.: 0.000 min
Exp R.T. : 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



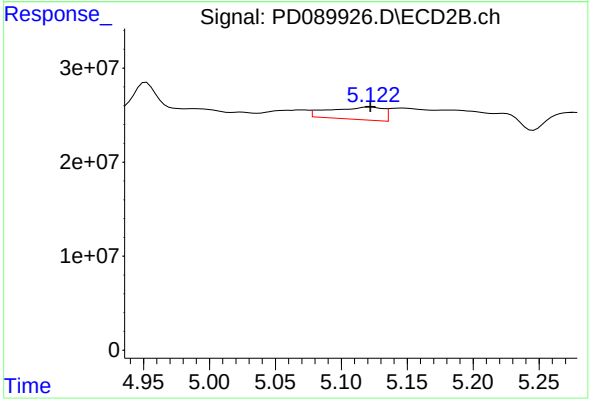
#9 Endosulfan I

R.T.: 5.223 min
Delta R.T.: -0.020 min
Response: 18211673
Conc: 0.93 ng/ml



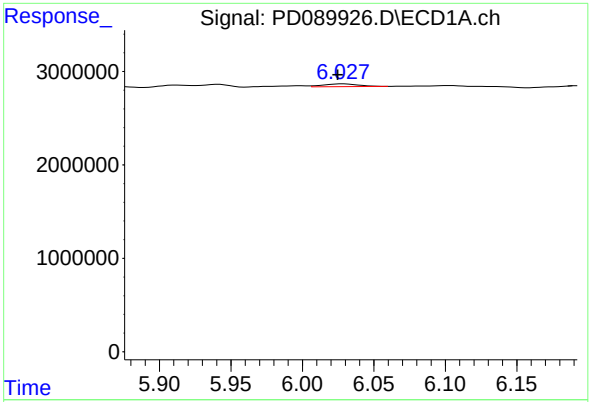
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 348639
Conc: 0.08 ng/ml



#10 gamma-Chlordane

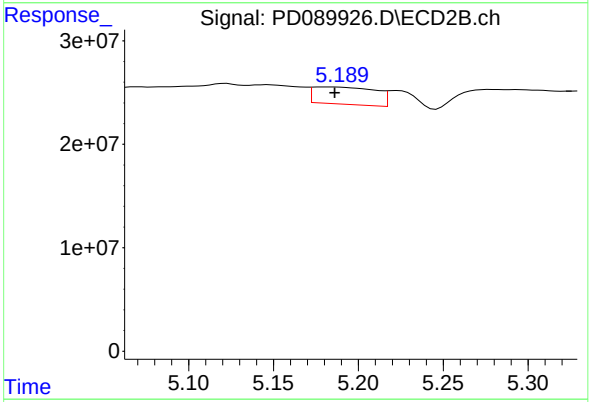
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 37415751
Conc: 1.73 ng/ml



#11 alpha-Chlordane

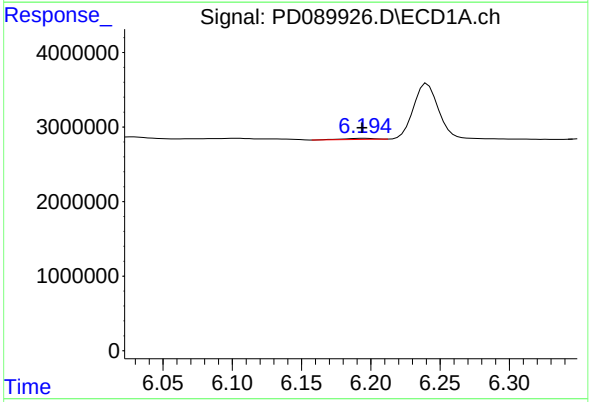
R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 500696
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



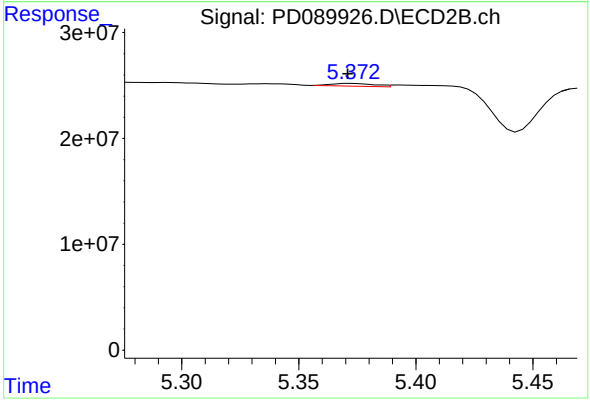
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 42338128
Conc: 2.03 ng/ml



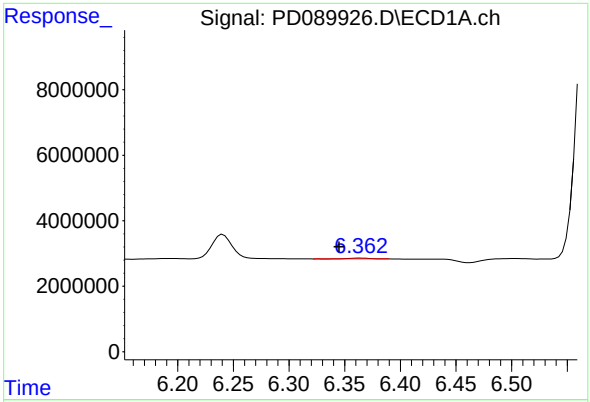
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 239040
Conc: 0.06 ng/ml



#12 4,4'-DDE

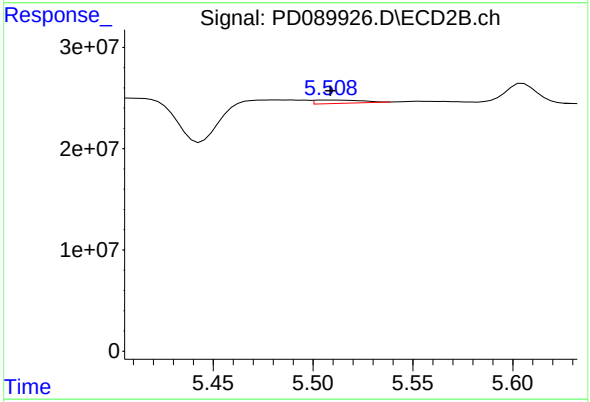
R.T.: 5.373 min
Delta R.T.: 0.002 min
Response: 3274423
Conc: 0.15 ng/ml



#13 Dieldrin

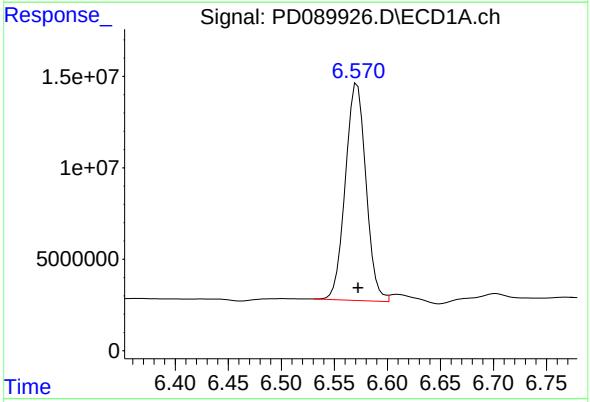
R.T.: 6.364 min
Delta R.T.: 0.019 min
Response: 301359
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



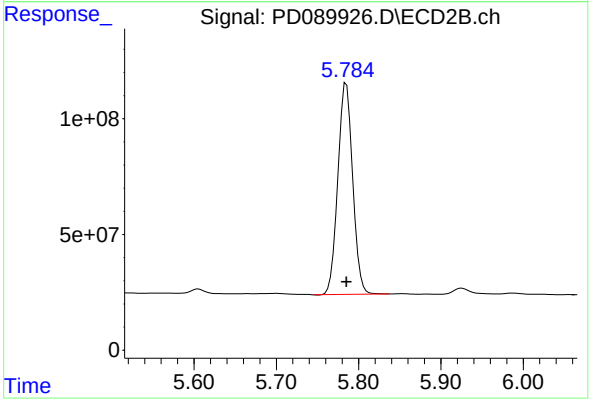
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 5436800
Conc: 0.25 ng/ml



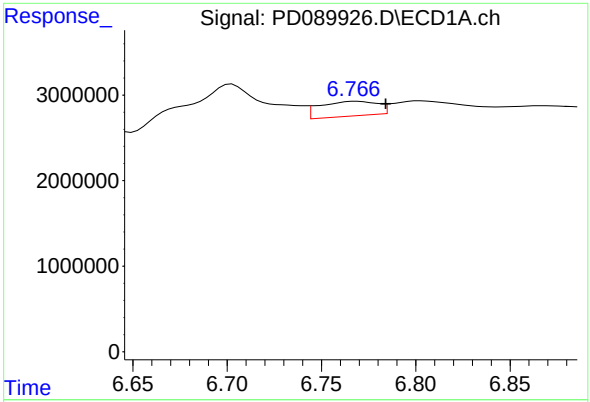
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 160414893
Conc: 44.84 ng/ml



#14 Endrin

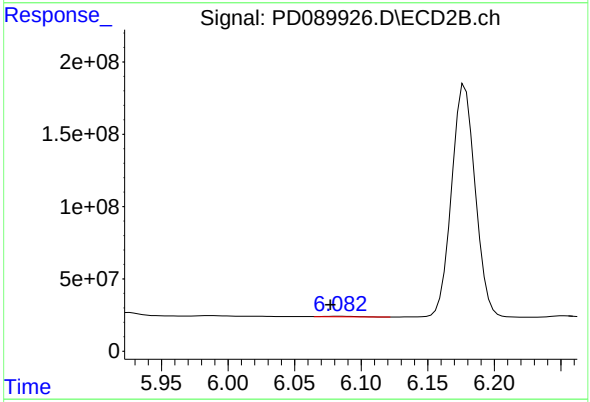
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1144566324
Conc: 57.44 ng/ml



#15 Endosulfan II

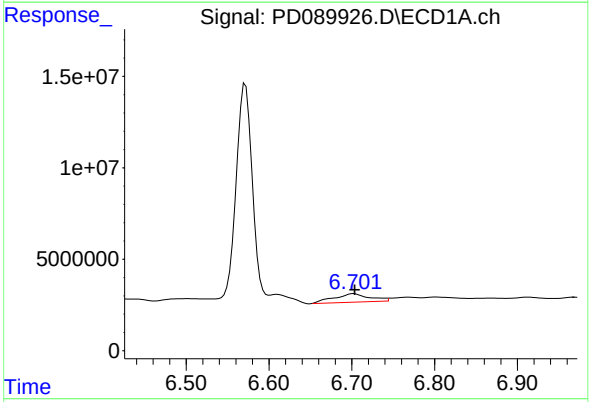
R.T.: 6.768 min
Delta R.T.: -0.016 min
Response: 3666550
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



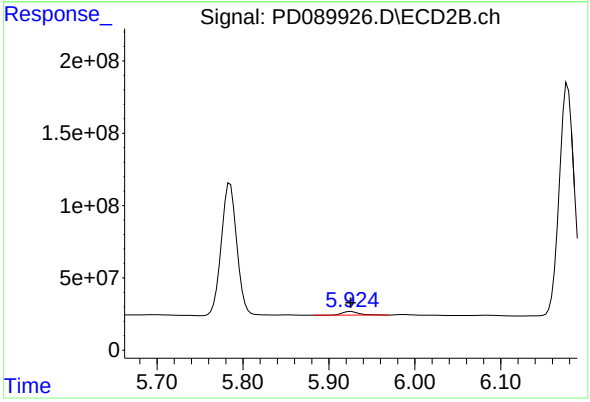
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 6977267
Conc: 0.37 ng/ml



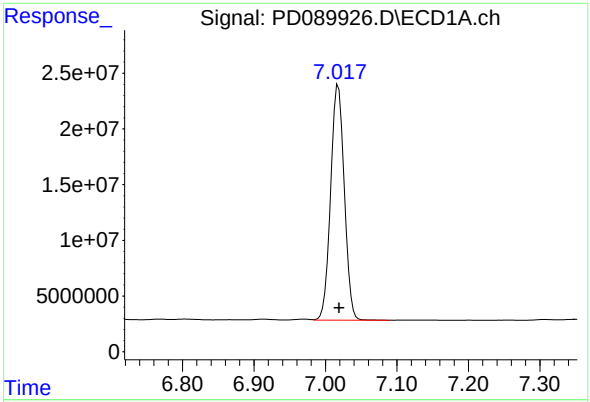
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.001 min
Response: 13928149
Conc: 4.65 ng/ml



#16 4,4'-DDD

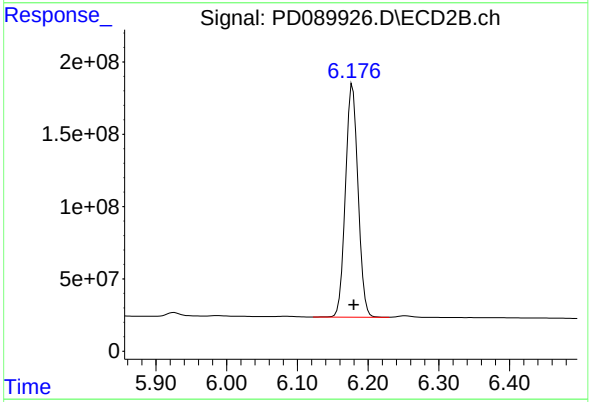
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 32800960
Conc: 1.86 ng/ml



#17 4,4'-DDT

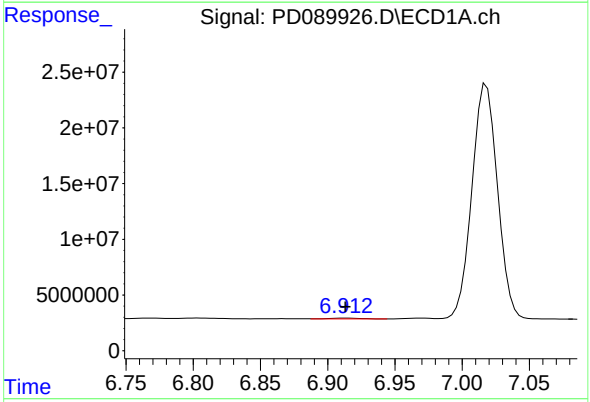
R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 280231697
Conc: 83.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



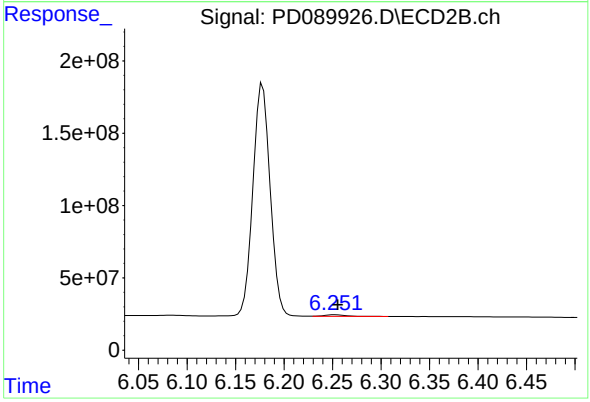
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 1993031273
Conc: 108.48 ng/ml



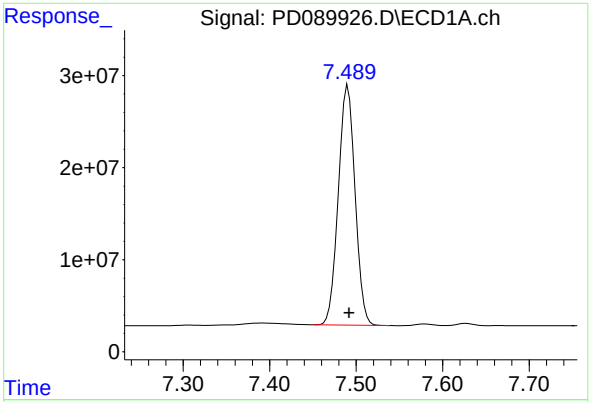
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 1182484
Conc: 0.47 ng/ml



#18 Endrin aldehyde

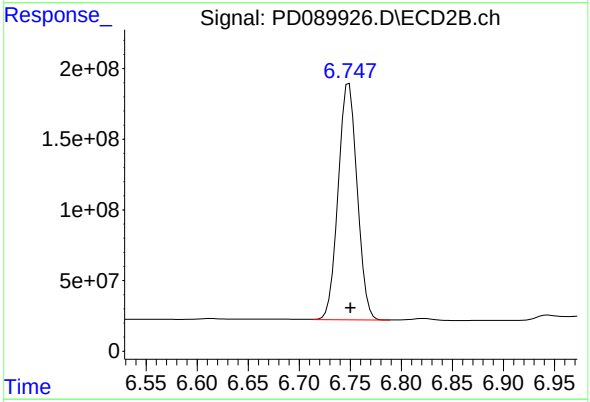
R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 15215097
Conc: 1.18 ng/ml



#20 Methoxychlor

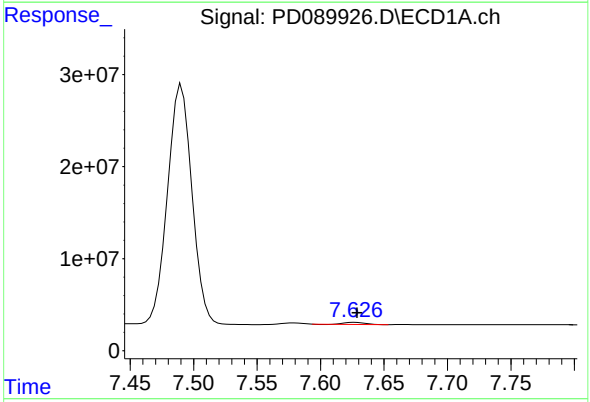
R.T.: 7.490 min
Delta R.T.: -0.001 min
Response: 348532081
Conc: 194.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



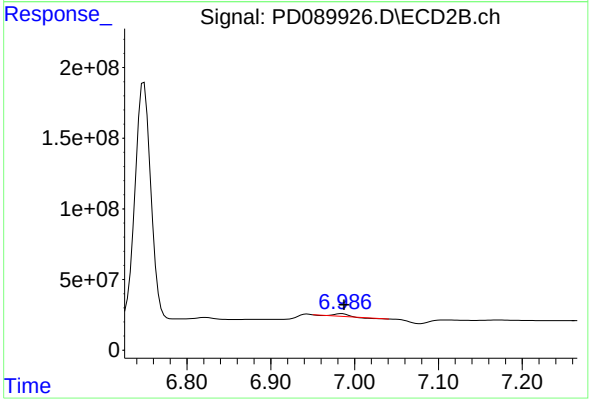
#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 2168071865
Conc: 221.33 ng/ml



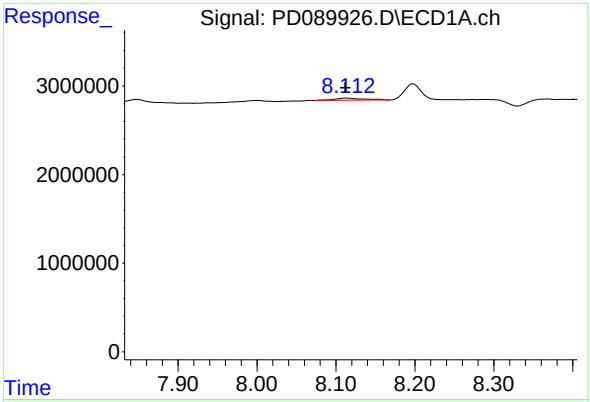
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 2569173
Conc: 0.69 ng/ml



#21 Endrin ketone

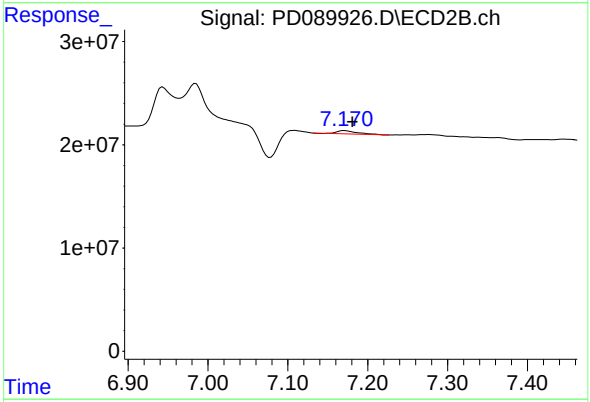
R.T.: 6.985 min
Delta R.T.: -0.003 min
Response: 9921414
Conc: 0.49 ng/ml



#22 Mirex

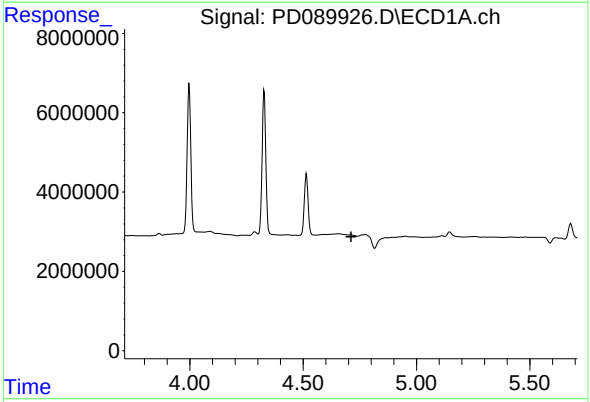
R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 623477
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



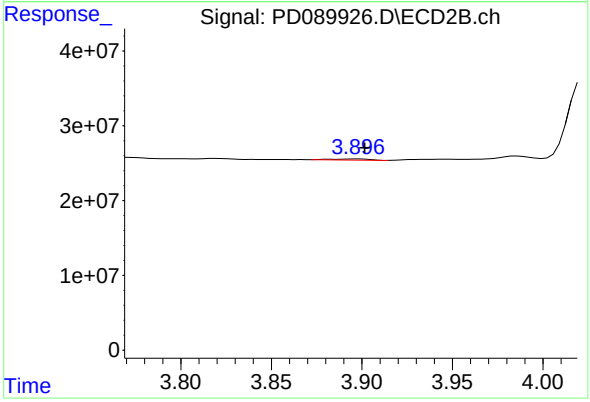
#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.010 min
Response: 5410911
Conc: 0.36 ng/ml



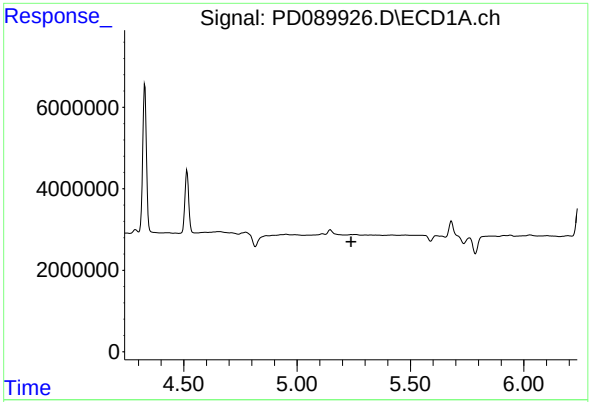
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.712 min
Response: 0
Conc: N.D.



#23 Chlordane-1

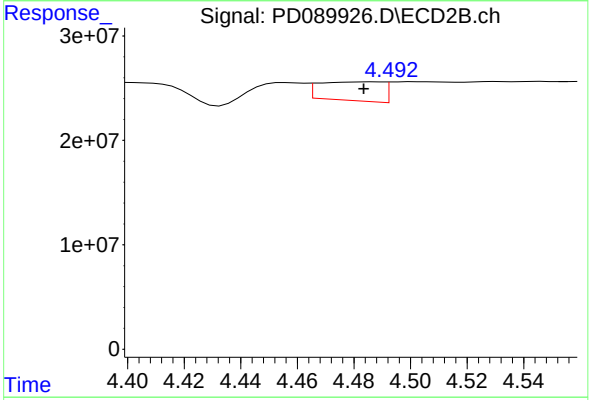
R.T.: 3.898 min
Delta R.T.: -0.004 min
Response: 2180548
Conc: 2.98 ng/ml



#24 Chlordane-2

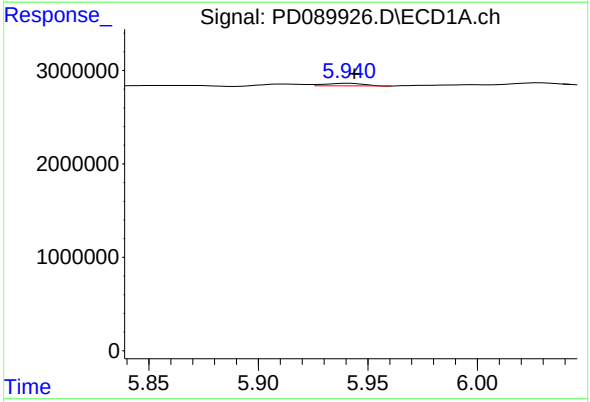
R.T.: 0.000 min
Exp R.T. : 5.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



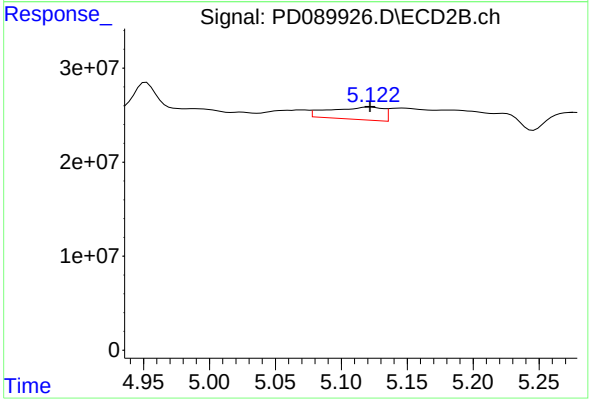
#24 Chlordane-2

R.T.: 4.487 min
Delta R.T.: 0.004 min
Response: 27998599
Conc: 36.63 ng/ml



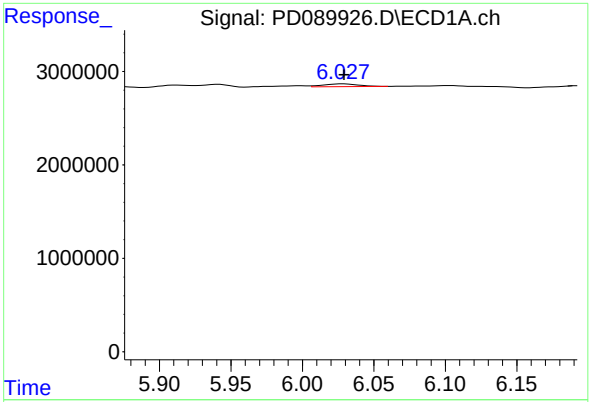
#25 Chlordane-3

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 348639
Conc: 0.51 ng/ml



#25 Chlordane-3

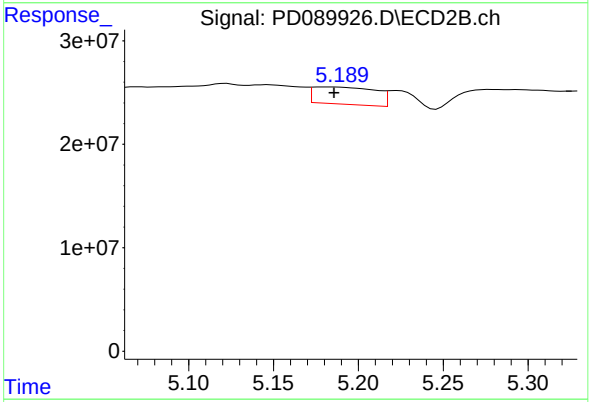
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 37415751
Conc: 16.17 ng/ml



#26 Chlordane-4

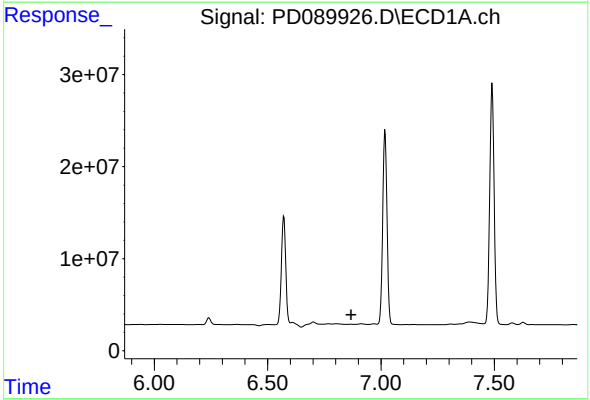
R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 500696
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



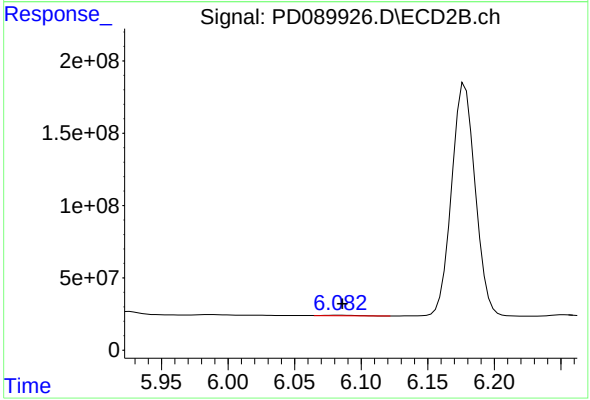
#26 Chlordane-4

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 42338128
Conc: 21.28 ng/ml



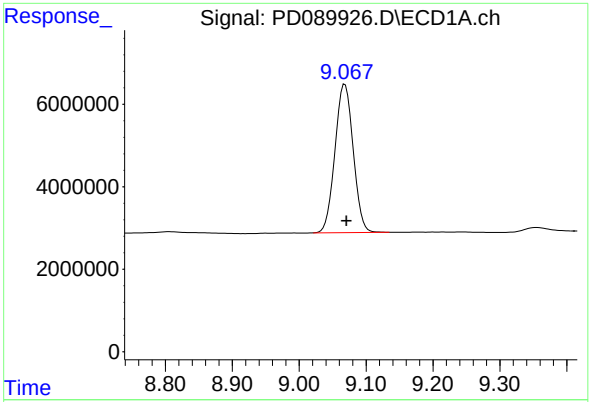
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.868 min
Response: 0
Conc: N.D.



#27 Chlordane-5

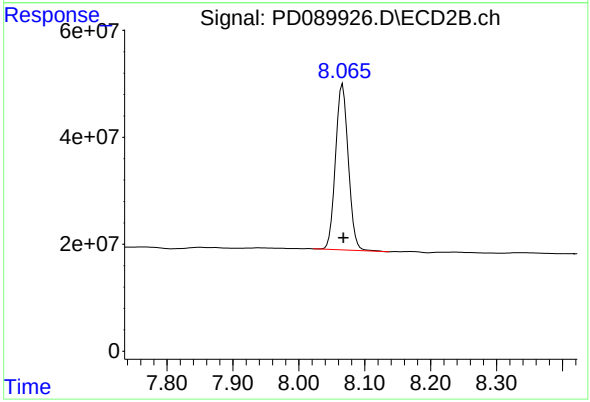
R.T.: 6.082 min
Delta R.T.: -0.003 min
Response: 6977267
Conc: 7.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 68277163
Conc: 18.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 419185672
Conc: 20.88 ng/ml