Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102325\
Data File : PD090800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 18:22
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 24 06:18:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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	2.874	62433656	610.8E6	20.048	20.514	
28)	SA Decachlor...	9.065	8.060	98435904	716.3E6	21.042	23.647	
	Target Compounds							
2)	A alpha-BHC	3.993	3.385	60251002	511.4E6	8.395	10.009	
3)	MA gamma-BHC...	4.324	3.721	59329685	480.4E6	8.726	10.168	
4)	MA Heptachlor	4.947f	4.086	2256293	881581	0.404	0.020	#
5)	MB Aldrin	0.000	4.361	0	466904	N.D.	0.010	#
6)	B beta-BHC	4.511	4.018	25384297	199.1E6	9.690	10.042	
7)	B delta-BHC	4.770	4.276f	4092349	3775635	0.605	0.079	#
8)	B Heptachlo...	0.000	4.892f	0	71402513	N.D.	1.675	#
10)	B gamma-Chl...	5.908f	5.116	2443677	99202199	0.412	2.207	#
11)	B alpha-Chl...	5.997f	5.177	74649548	23784076	12.079	0.551	#
12)	B 4,4'-DDE	0.000	5.367	0	25779454	N.D.	0.588	#
13)	MA Dieldrin	6.360f	5.502	5644217	1514492	0.968	0.034	#
14)	MA Endrin	6.567	5.779	230.5E6	1987.8E6	46.524	49.090	
15)	B Endosulfa...	6.802f	6.076	16540385	16556329	3.308	0.441	#
16)	A 4,4'-DDD	6.699	5.919	30582944	163.1E6	7.544	4.475	#
17)	MA 4,4'-DDT	7.015	6.172	363.4E6	3159.0E6	88.414	90.070	
18)	B Endrin al...	6.912	6.248	10617977	25453733	2.899	0.919	#
19)	B Endosulfa...	7.113f	6.466	208641	1057293	0.045	0.029	#
20)	A Methoxychlor	7.487	6.743	424.5E6	3289.5E6	199.732	188.751	
21)	B Endrin ke...	7.624	6.981	10526245	90566668	2.166	2.401	
22)	Mirex	8.125f	7.167	14796	14572372	0.005	0.567	#
23)	Chlordane-1	0.000	3.892	0	2108712	N.D.	1.692	#
24)	Chlordane-2	0.000	4.499f	0	137.4E6	N.D.	105.340	#
25)	Chlordane-3	0.000	5.116	0	99202199	N.D.	25.492	#
26)	Chlordane-4	5.997f	5.177	74649548	23784076	77.047	7.118	#
27)	Chlordane-5	6.860	6.076	6281682	16556329	41.806	11.217	#

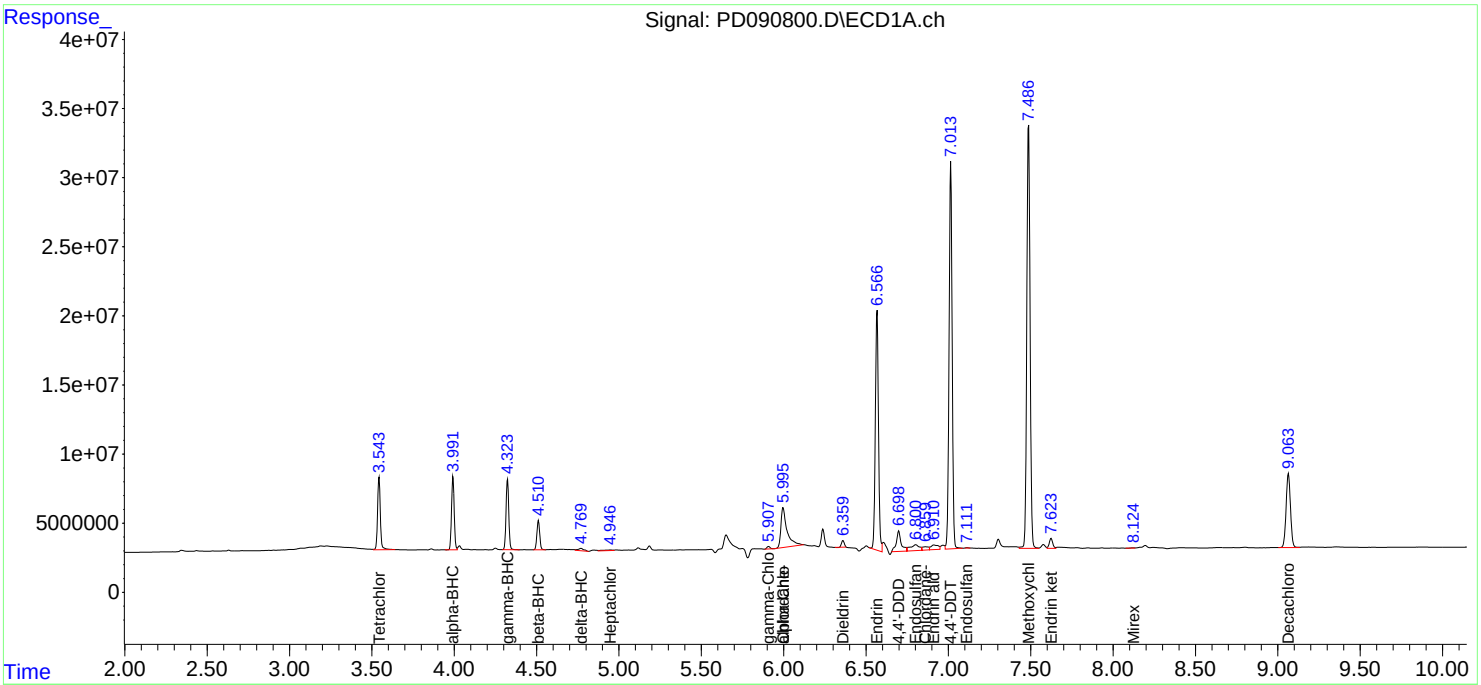
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

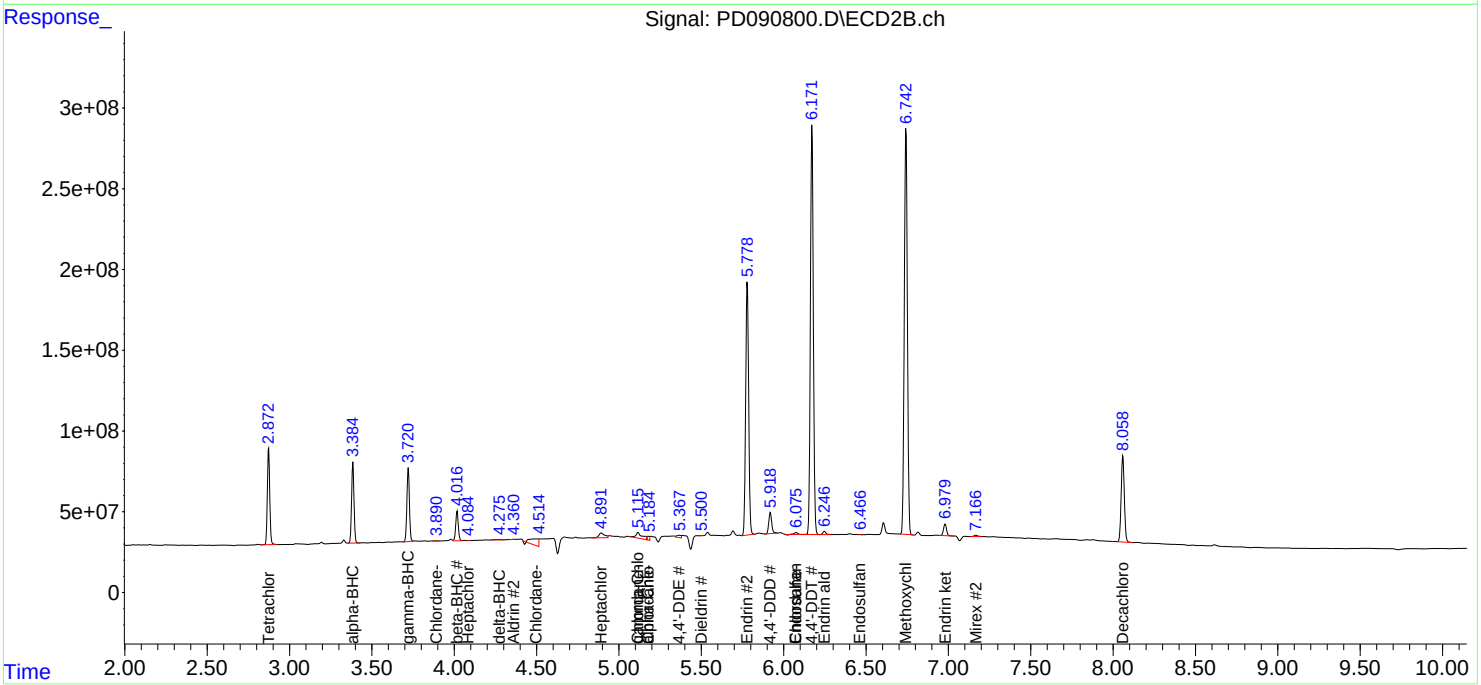
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102325\
Data File : PD090800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 18:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

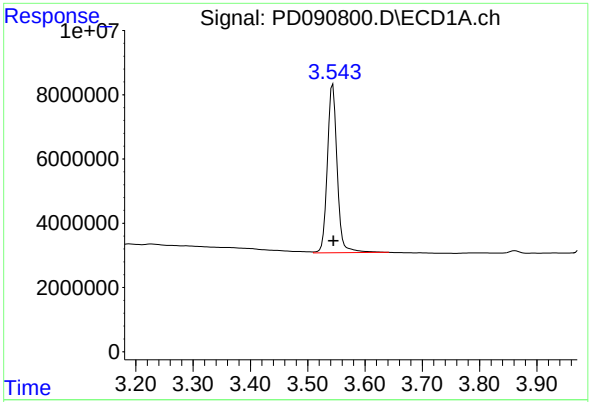
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 06:18:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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



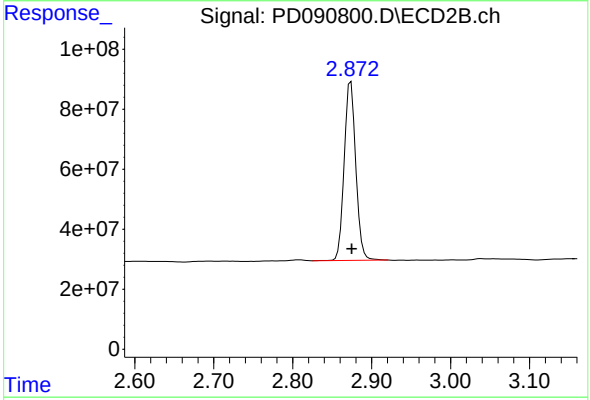




#1 Tetrachloro-m-xylene

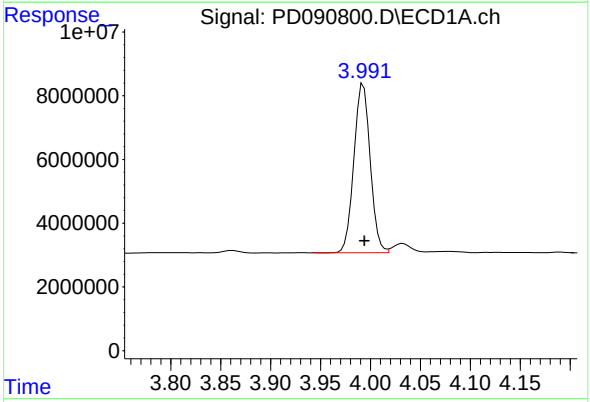
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 62433656
Conc: 20.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



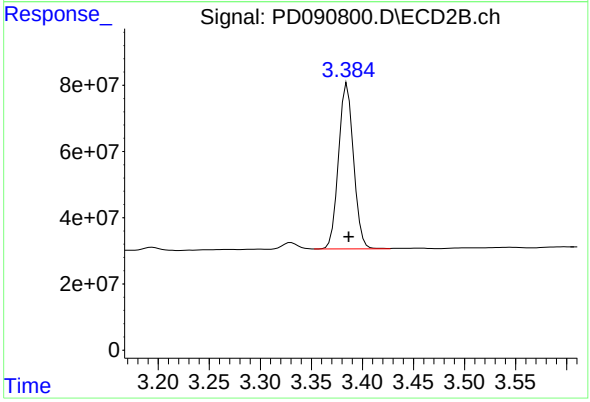
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 610834477
Conc: 20.51 ng/ml



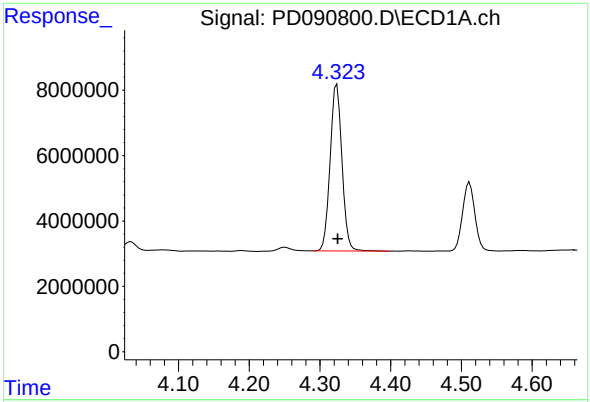
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 60251002
Conc: 8.39 ng/ml



#2 alpha-BHC

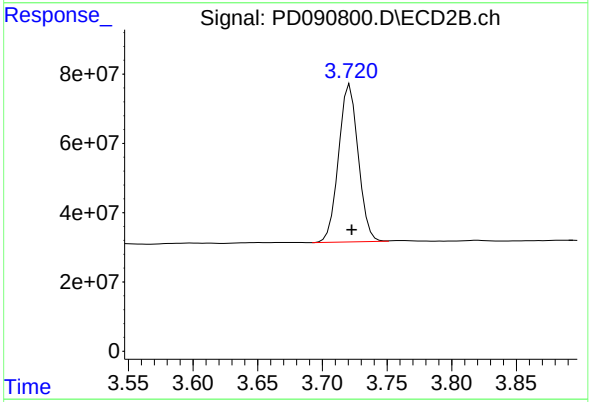
R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 511410275
Conc: 10.01 ng/ml



#3 gamma-BHC (Lindane)

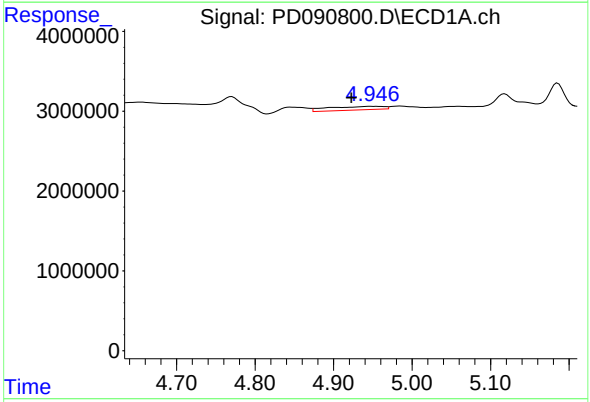
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 59329685
Conc: 8.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



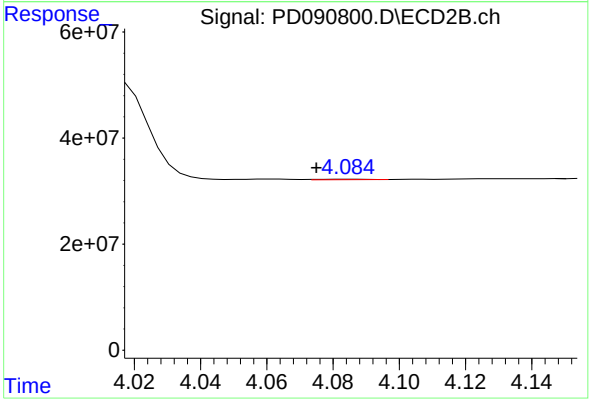
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 480431196
Conc: 10.17 ng/ml



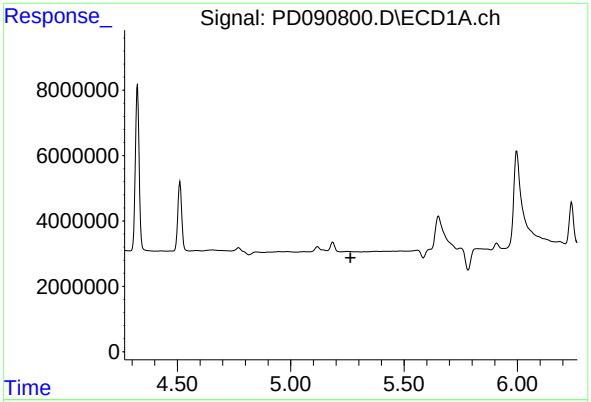
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.025 min
Response: 2256293
Conc: 0.40 ng/ml



#4 Heptachlor

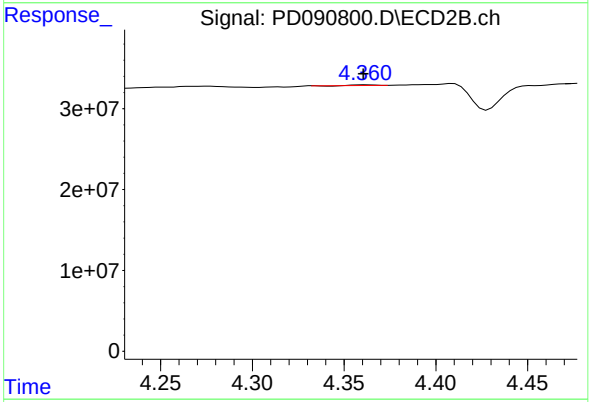
R.T.: 4.086 min
Delta R.T.: 0.011 min
Response: 881581
Conc: 0.02 ng/ml



#5 Aldrin

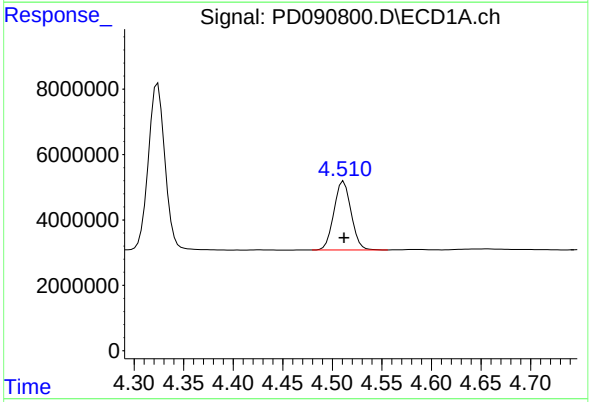
R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



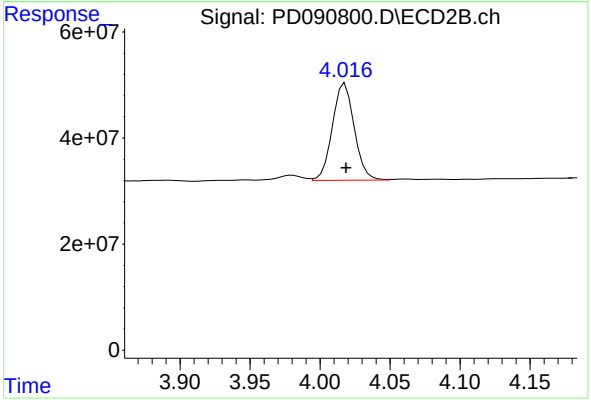
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 466904
Conc: 0.01 ng/ml



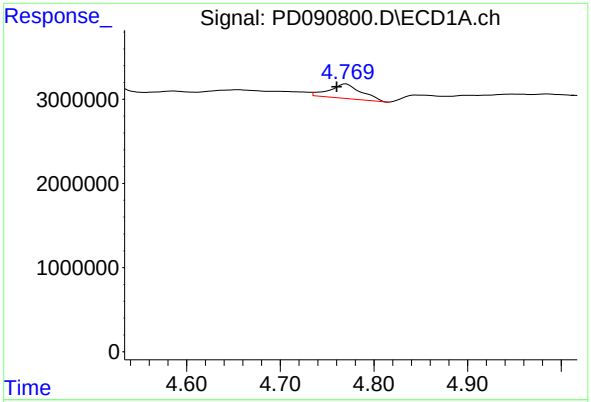
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 25384297
Conc: 9.69 ng/ml



#6 beta-BHC

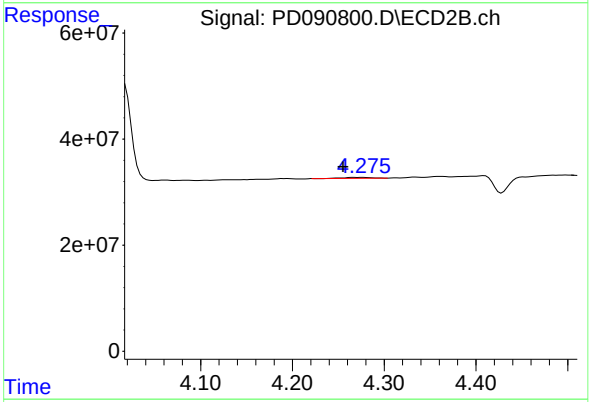
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 199134374
Conc: 10.04 ng/ml



#7 delta-BHC

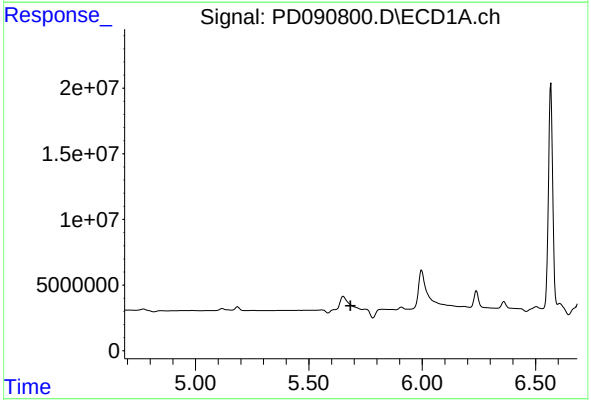
R.T.: 4.770 min
Delta R.T.: 0.010 min
Response: 4092349
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



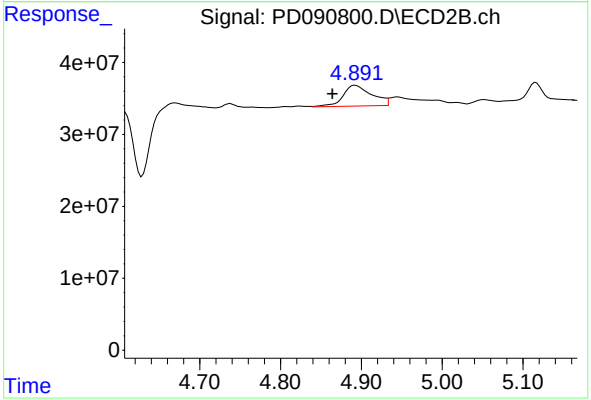
#7 delta-BHC

R.T.: 4.276 min
Delta R.T.: 0.021 min
Response: 3775635
Conc: 0.08 ng/ml



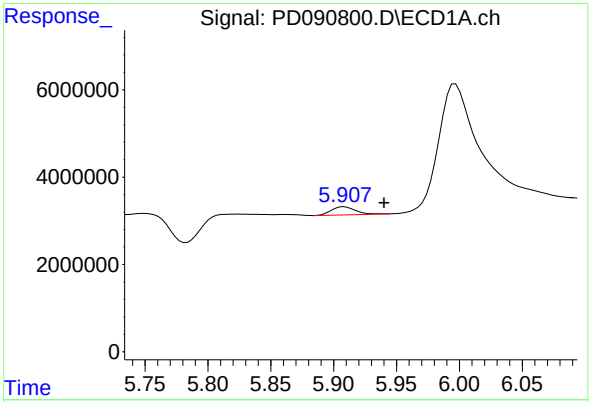
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

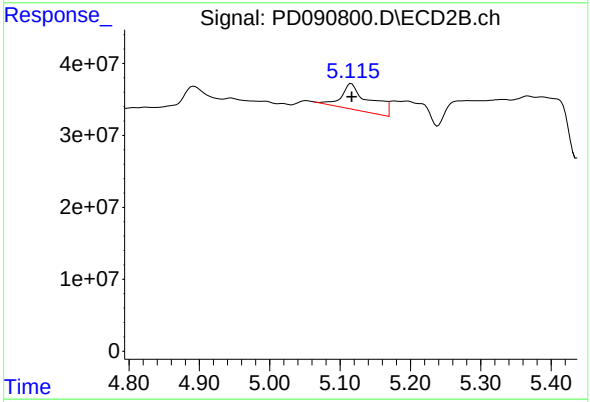
R.T.: 4.892 min
Delta R.T.: 0.028 min
Response: 71402513
Conc: 1.67 ng/ml



#10 gamma-Chlordane

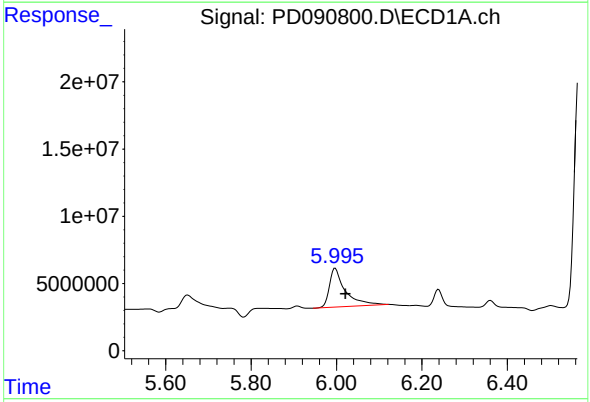
R.T.: 5.908 min
Delta R.T.: -0.032 min
Response: 2443677
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



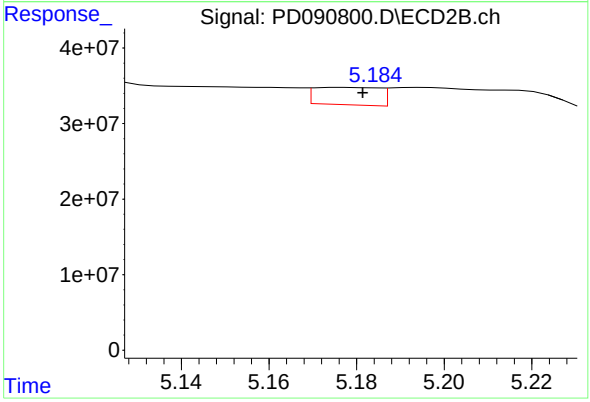
#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 99202199
Conc: 2.21 ng/ml



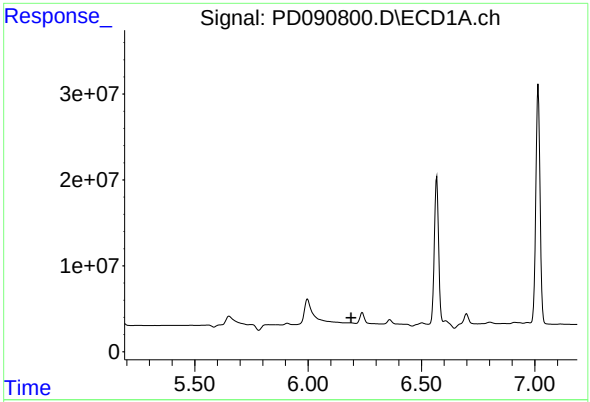
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.024 min
Response: 74649548
Conc: 12.08 ng/ml



#11 alpha-Chlordane

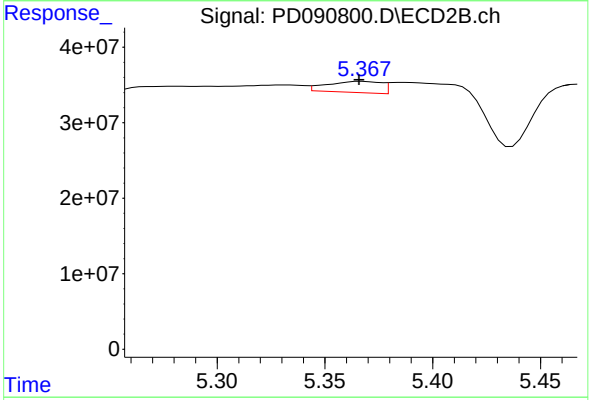
R.T.: 5.177 min
Delta R.T.: -0.004 min
Response: 23784076
Conc: 0.55 ng/ml



#12 4,4'-DDE

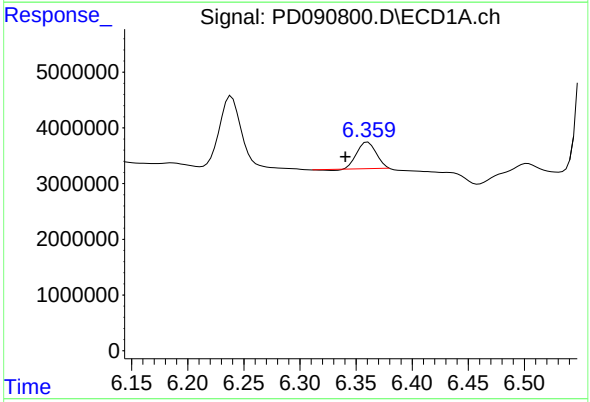
R.T.: 0.000 min
Exp R.T. : 6.190 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



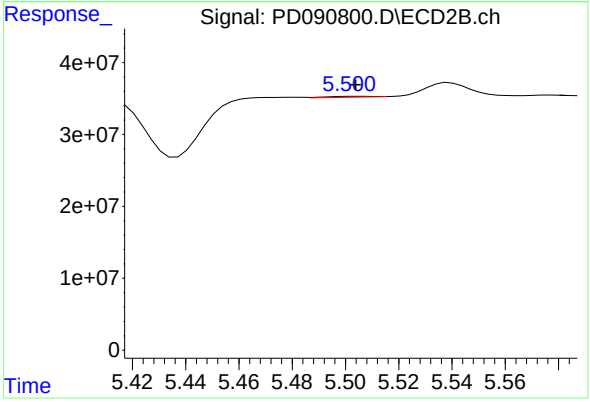
#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 25779454
Conc: 0.59 ng/ml



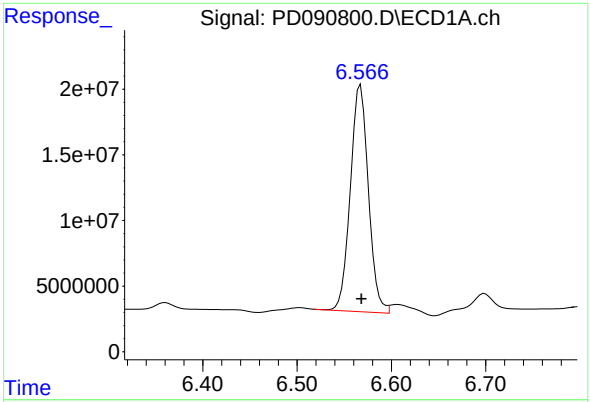
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.020 min
Response: 5644217
Conc: 0.97 ng/ml



#13 Dieldrin

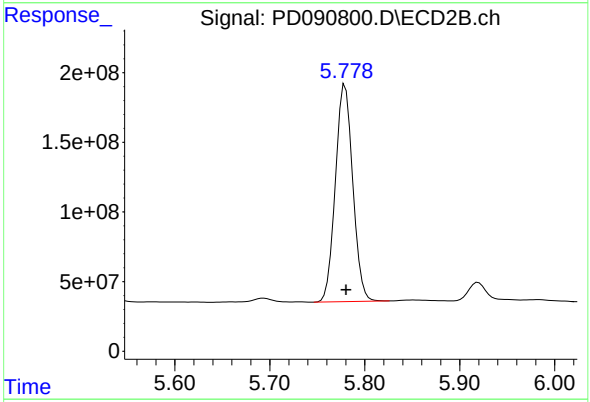
R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 1514492
Conc: 0.03 ng/ml



#14 Endrin

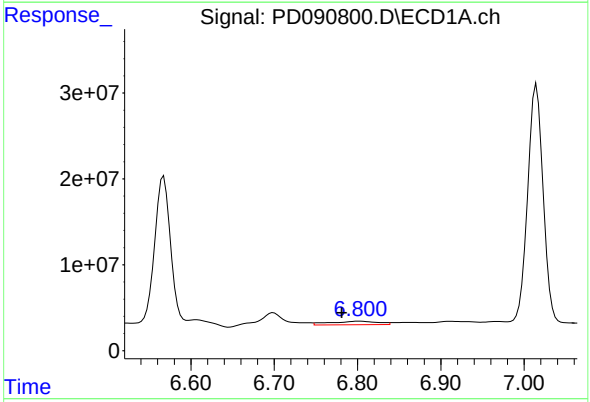
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 230463792
Conc: 46.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



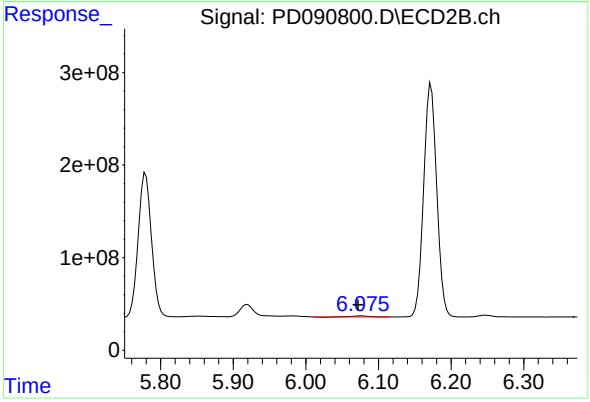
#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1987828575
Conc: 49.09 ng/ml



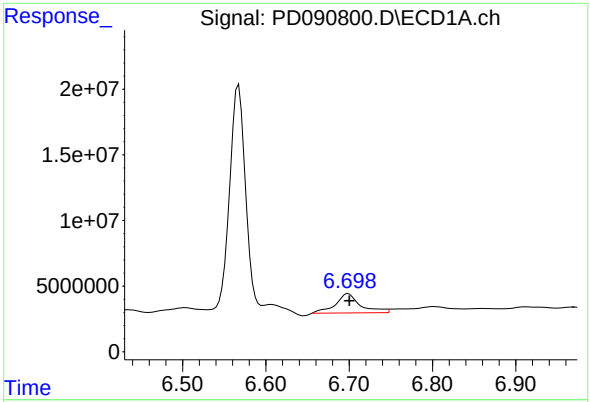
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.021 min
Response: 16540385
Conc: 3.31 ng/ml



#15 Endosulfan II

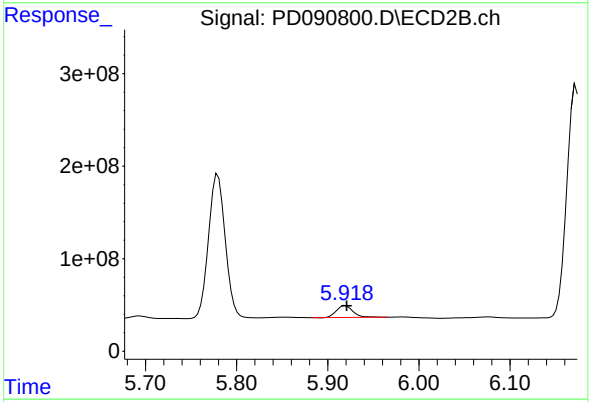
R.T.: 6.076 min
Delta R.T.: 0.004 min
Response: 16556329
Conc: 0.44 ng/ml



#16 4,4'-DDD

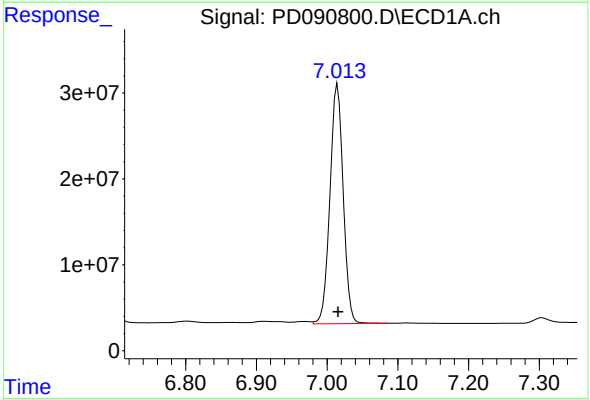
R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 30582944
Conc: 7.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



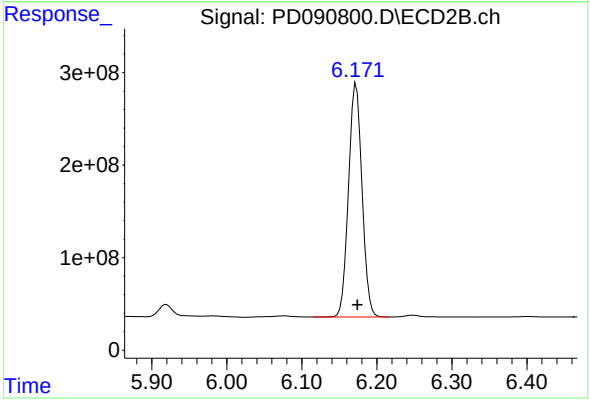
#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.001 min
Response: 163063982
Conc: 4.48 ng/ml



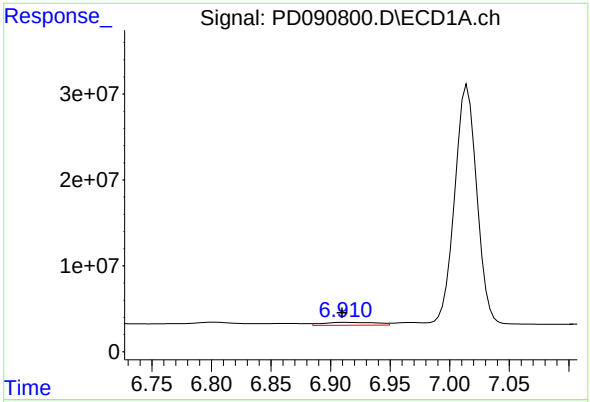
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 363422824
Conc: 88.41 ng/ml



#17 4,4'-DDT

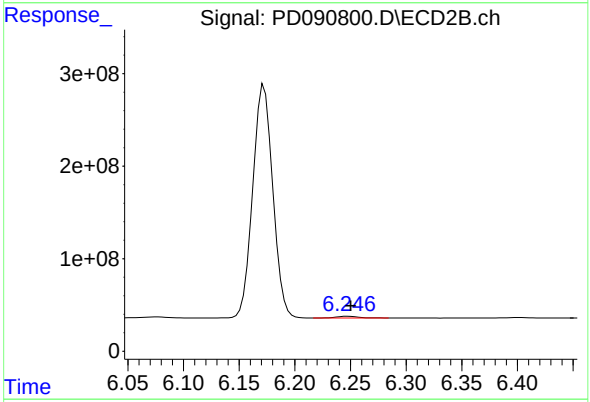
R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 3159017315
Conc: 90.07 ng/ml



#18 Endrin aldehyde

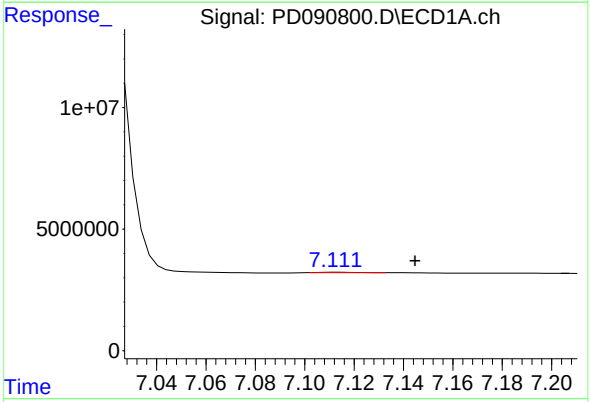
R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 10617977
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



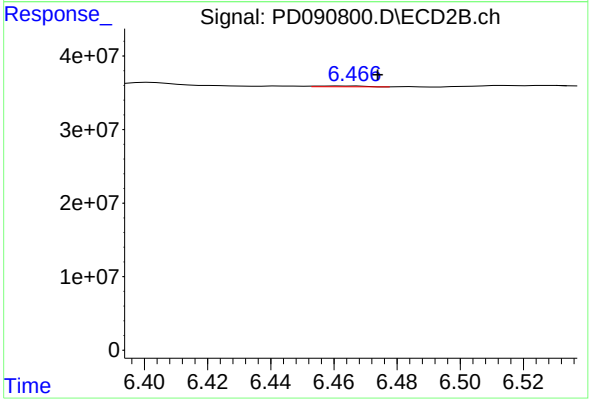
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 25453733
Conc: 0.92 ng/ml



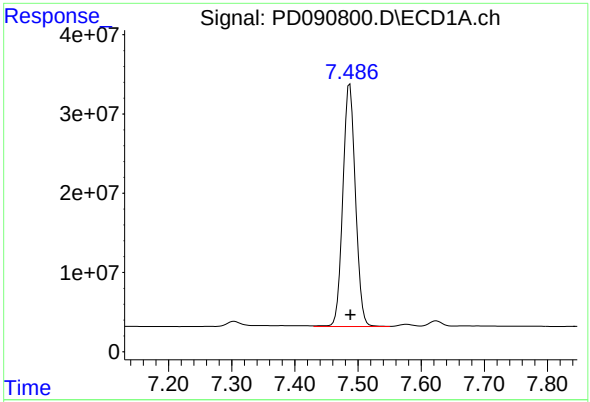
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: -0.032 min
Response: 208641
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

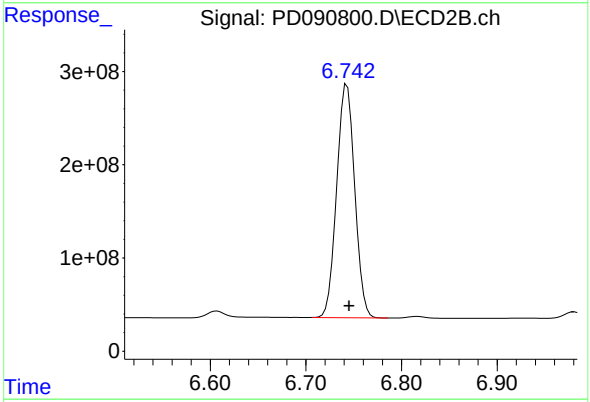
R.T.: 6.466 min
Delta R.T.: -0.008 min
Response: 1057293
Conc: 0.03 ng/ml



#20 Methoxychlor

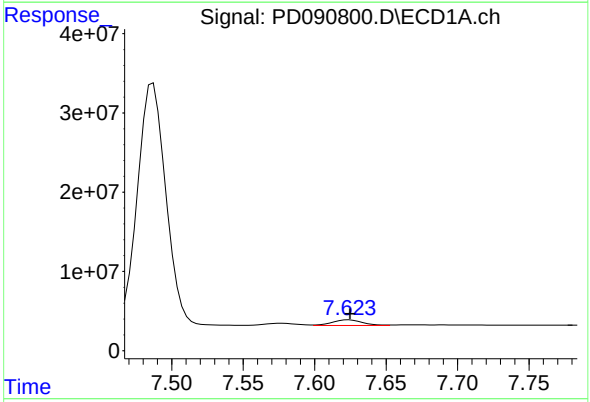
R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 424547253
Conc: 199.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



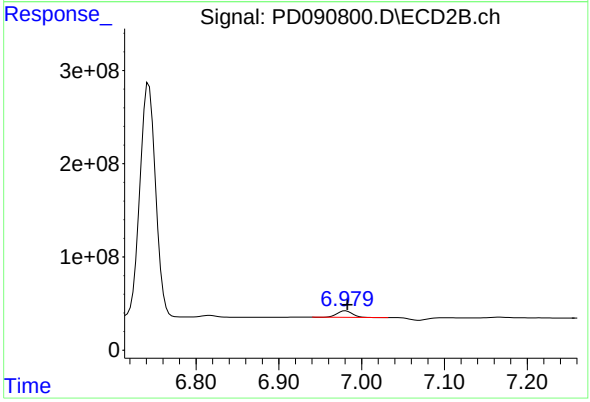
#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 3289516865
Conc: 188.75 ng/ml



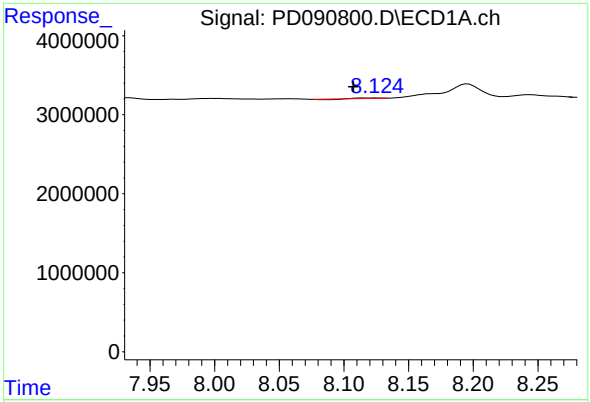
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 10526245
Conc: 2.17 ng/ml



#21 Endrin ketone

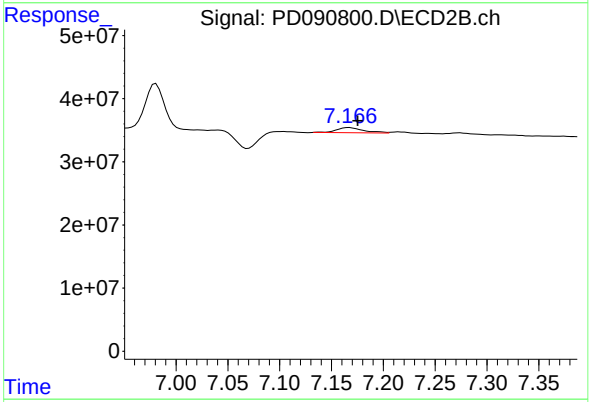
R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 90566668
Conc: 2.40 ng/ml



#22 Mirex

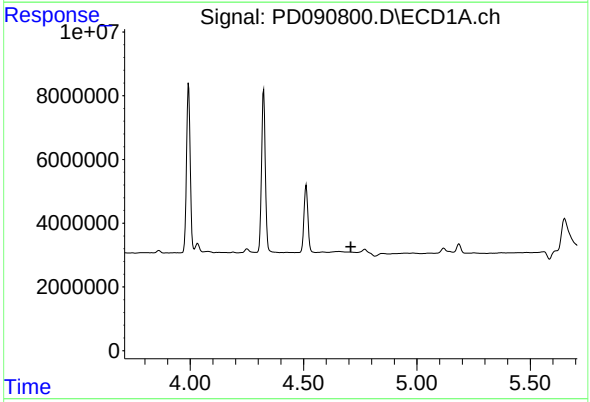
R.T.: 8.125 min
Delta R.T.: 0.018 min
Response: 14796
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



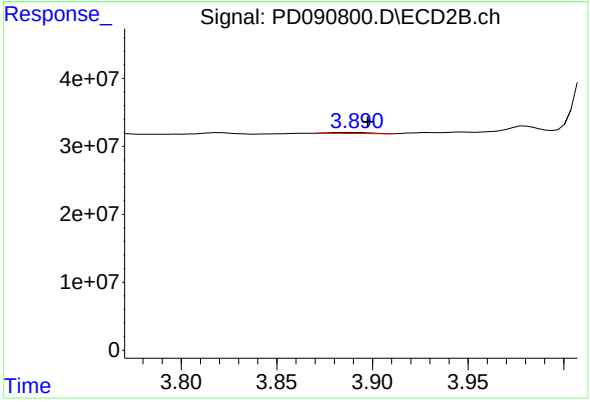
#22 Mirex

R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 14572372
Conc: 0.57 ng/ml



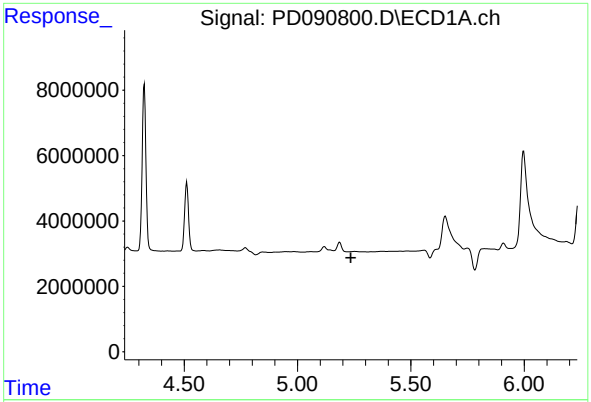
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.709 min
Response: 0
Conc: N.D.



#23 Chlordane-1

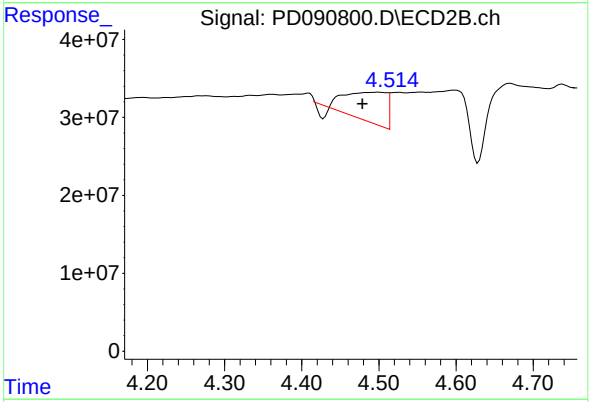
R.T.: 3.892 min
Delta R.T.: -0.006 min
Response: 2108712
Conc: 1.69 ng/ml



#24 Chlordane-2

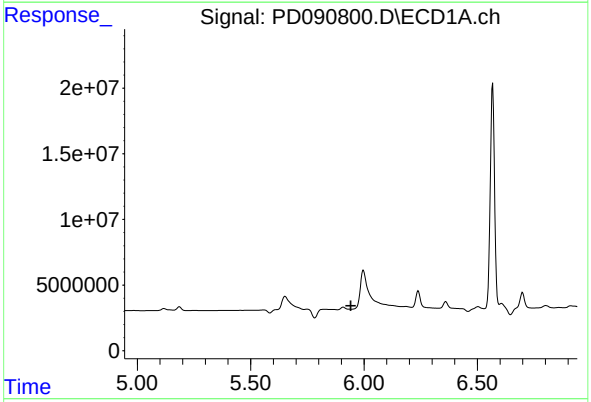
R.T.: 0.000 min
Exp R.T. : 5.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



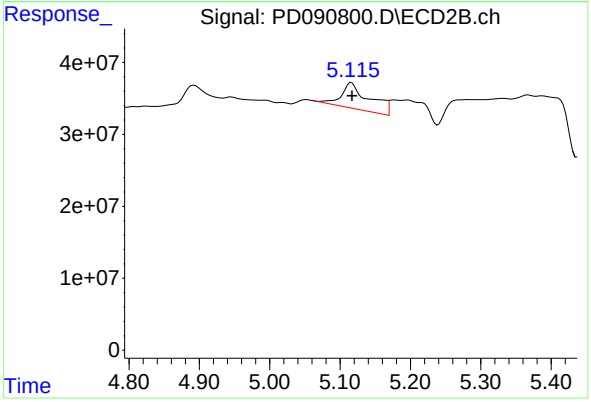
#24 Chlordane-2

R.T.: 4.499 min
Delta R.T.: 0.020 min
Response: 137418000
Conc: 105.34 ng/ml



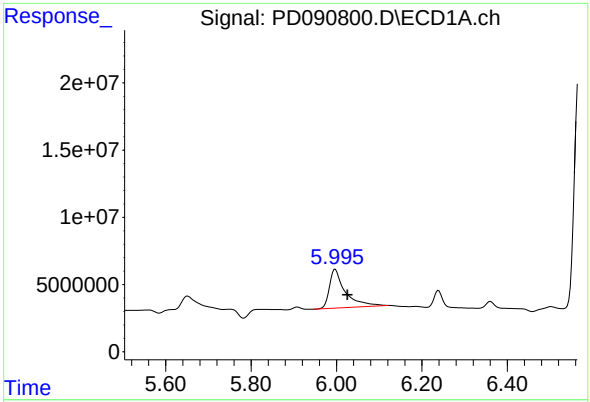
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#25 Chlordane-3

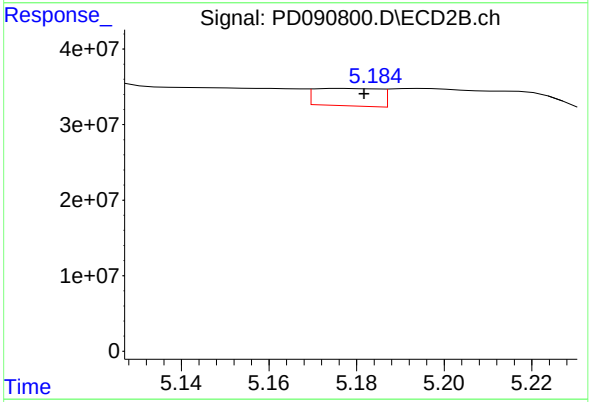
R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 99202199
Conc: 25.49 ng/ml



#26 Chlordane-4

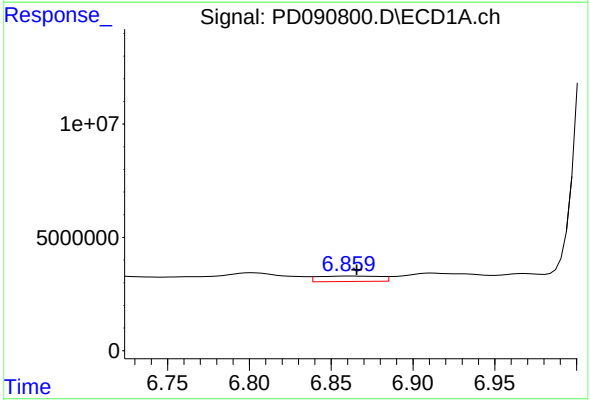
R.T.: 5.997 min
Delta R.T.: -0.028 min
Response: 74649548
Conc: 77.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



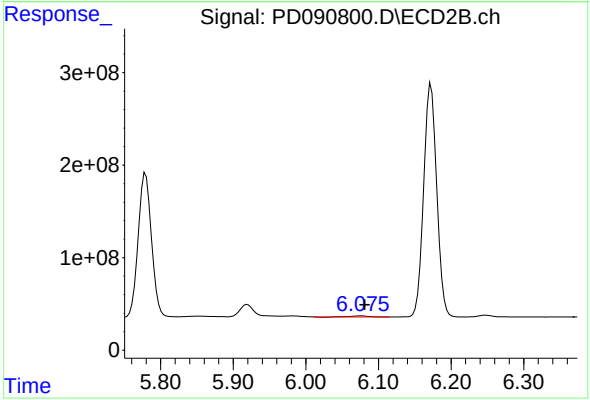
#26 Chlordane-4

R.T.: 5.177 min
Delta R.T.: -0.004 min
Response: 23784076
Conc: 7.12 ng/ml



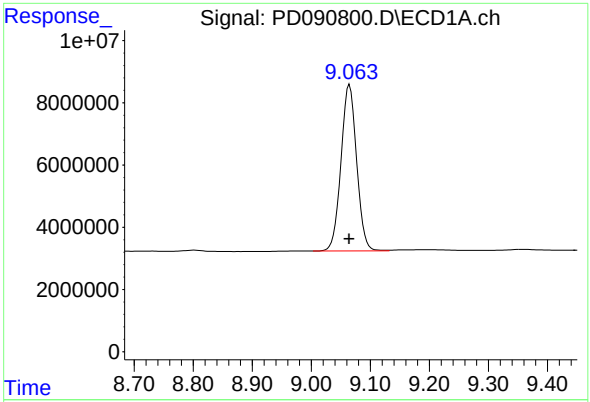
#27 Chlordane-5

R.T.: 6.860 min
Delta R.T.: -0.005 min
Response: 6281682
Conc: 41.81 ng/ml



#27 Chlordane-5

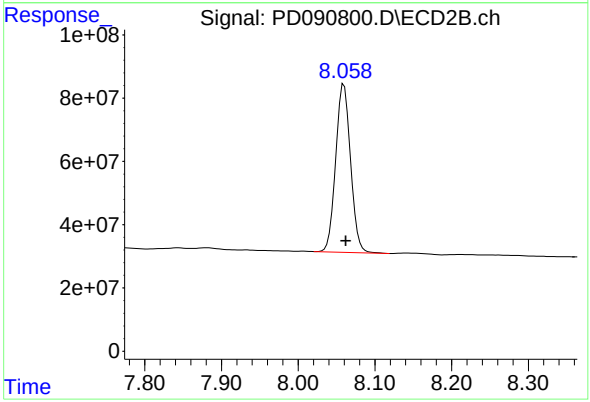
R.T.: 6.076 min
Delta R.T.: -0.005 min
Response: 16556329
Conc: 11.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 98435904
Conc: 21.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 716313162
Conc: 23.65 ng/ml