Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:09
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 25 01:53:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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...	3.549	2.878	59482804	473.0E6	20.268	21.452	
28)	SA	Decachlor...	9.070	8.066	81254731	363.8E6	18.827	14.055	#
		Target Compounds							
2)	A	alpha-BHC	3.998	3.390	57914115	393.4E6	9.649	11.591	
3)	MA	gamma-BHC...	4.329	3.726	56561252	352.7E6	9.877	11.315	
4)	MA	Heptachlor	0.000	4.073	0	1648757	N.D.	0.053	#
5)	MB	Aldrin	0.000	4.356	0	1204494	N.D.	0.040	#
6)	B	beta-BHC	4.515	4.022	23330801	149.7E6	10.402	11.227	
7)	B	delta-BHC	4.773	4.282f	1404623	363003	0.271	0.012	#
8)	B	Heptachlo...	5.681	4.869	3657711	6462527	0.745	0.233	#
9)	A	Endosulfan I	0.000	5.226f	0	3942121	N.D.	0.150	#
10)	B	gamma-Chl...	5.943	5.121	387164	12646056	0.079	0.427	#
11)	B	alpha-Chl...	6.030	5.184	665083	11314760	0.135	0.396	#
12)	B	4,4'-DDE	6.197	5.371	178385	2172151	0.041	0.075	#
13)	MA	Dieldrin	0.000	5.526f	0	254888	N.D.	0.009	#
14)	MA	Endrin	6.573	5.784	191.5E6	1182.4E6	46.215	44.398	
15)	B	Endosulfa...	6.768	6.081	866927	616940	0.205	0.024	#
16)	A	4,4'-DDD	6.703	5.925	5225107	29128152	1.511	1.211	
17)	MA	4,4'-DDT	7.019	6.178	336.6E6	2030.2E6	88.346	80.984	
18)	B	Endrin al...	6.915	6.253	1029458	10287100	0.359	0.597	#
20)	A	Methoxychlor	7.492	6.749	417.2E6	2126.6E6	207.992	164.909	
21)	B	Endrin ke...	7.629	6.986	2786243	13340923	0.672	0.501	#
22)		Mirex	0.000	7.172	0	3338970	N.D.	0.162	#
23)		Chlordane-1	0.000	3.899	0	1252844	N.D.	1.409	#
24)		Chlordane-2	0.000	4.486	0	5961724	N.D.	6.223	#
25)		Chlordane-3	5.943	5.121	387164	12646056	0.571	4.564	#
26)		Chlordane-4	6.030	5.184	665083	11314760	0.801	4.701	#
27)		Chlordane-5	0.000	6.081	0	616940	N.D.	0.561	#

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

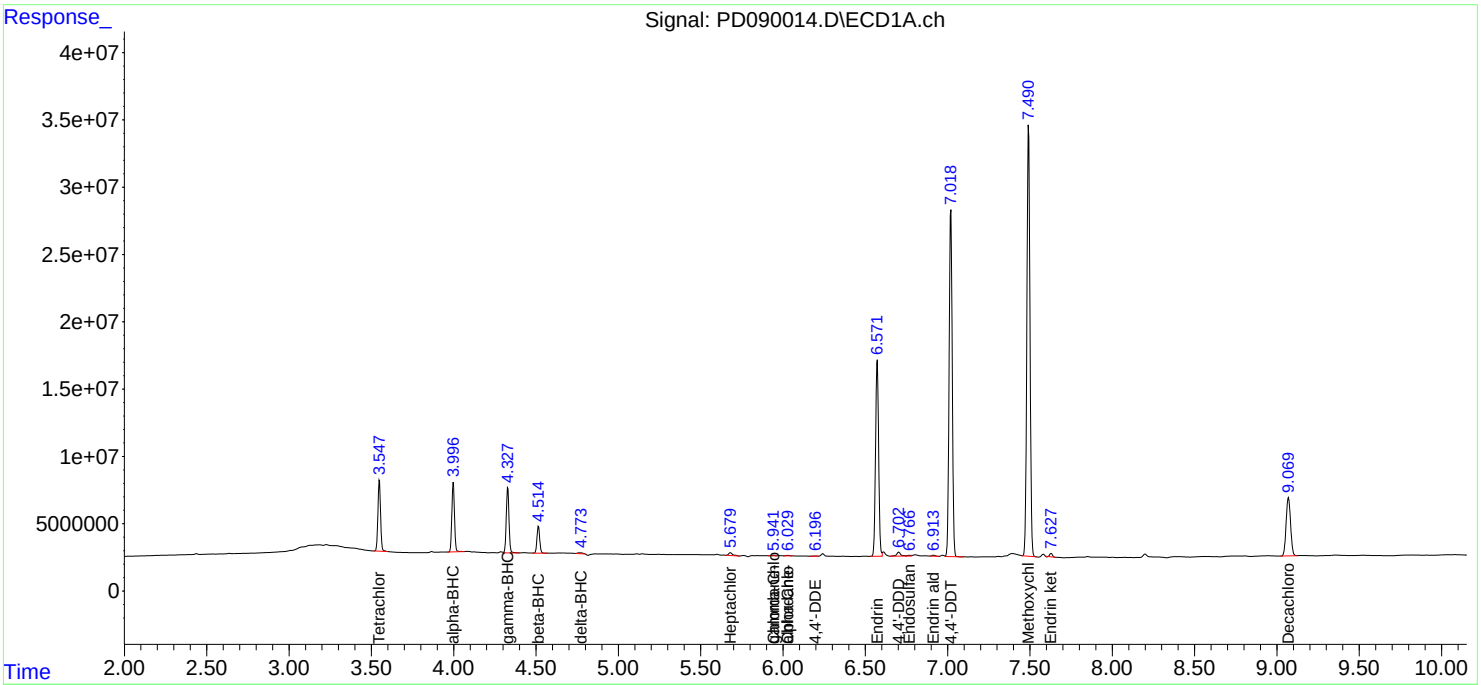
Quantitation Report (Not Reviewed)

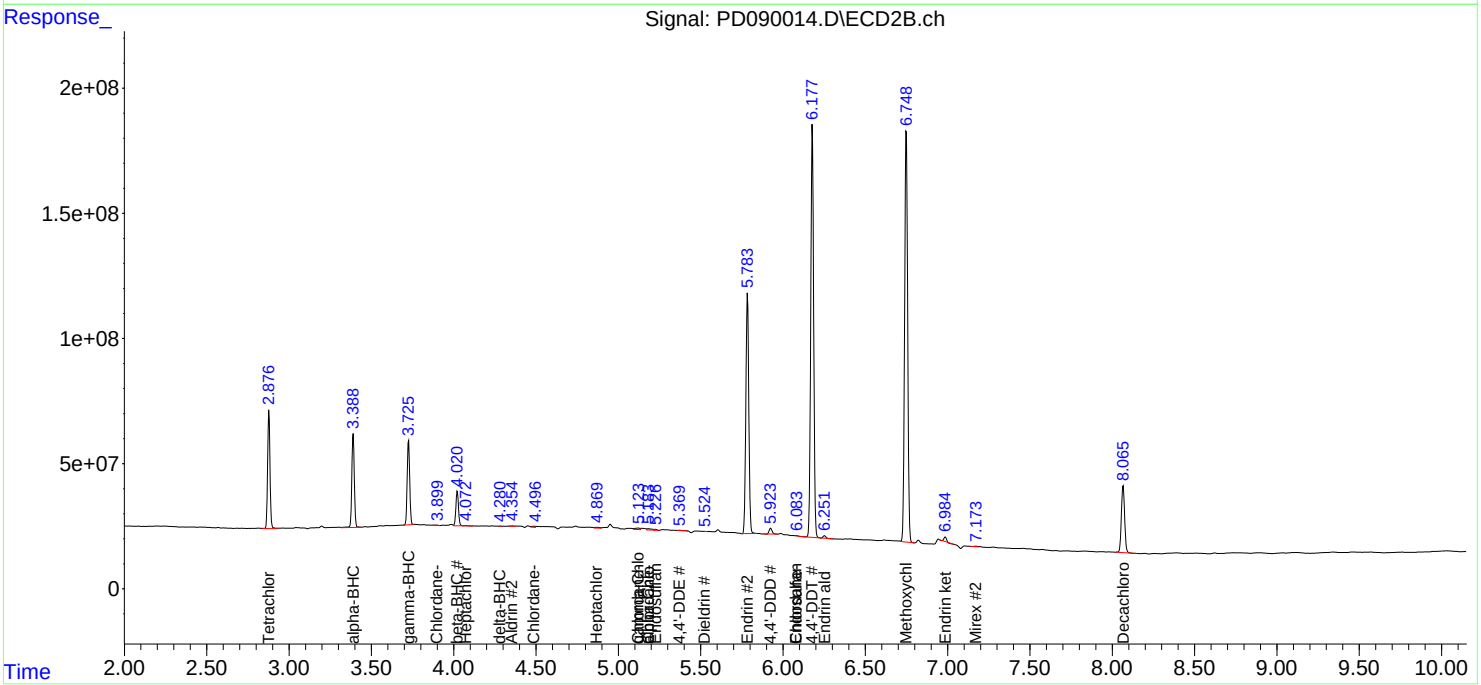
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 16:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

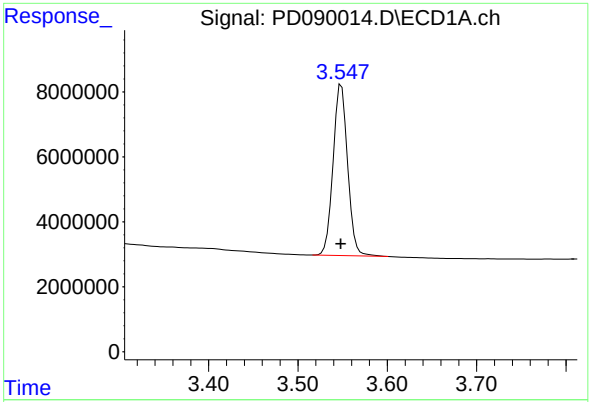
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:53:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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



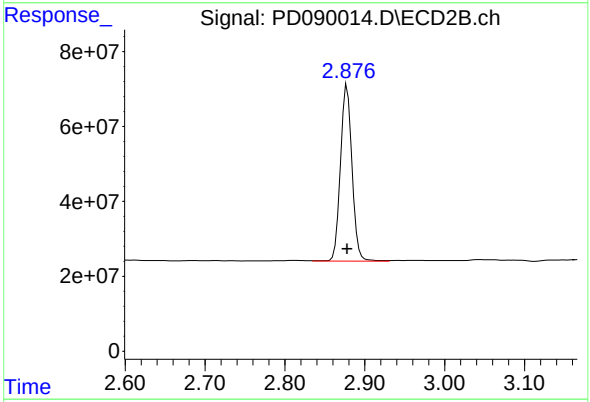




#1 Tetrachloro-m-xylene

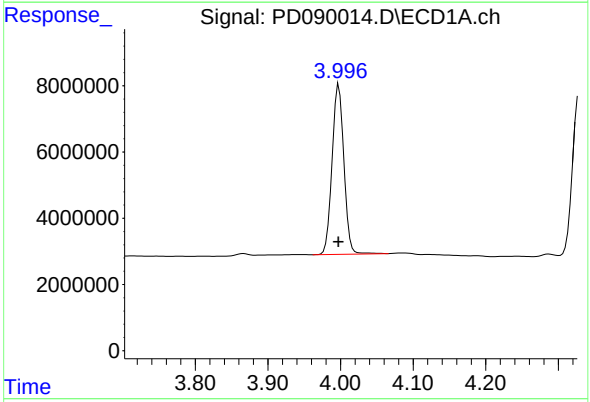
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 59482804
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



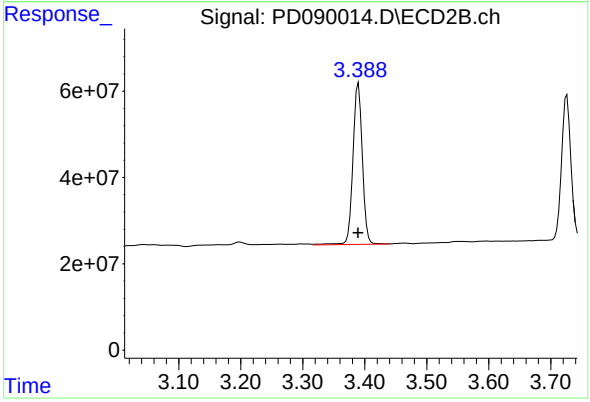
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 473029362
Conc: 21.45 ng/ml



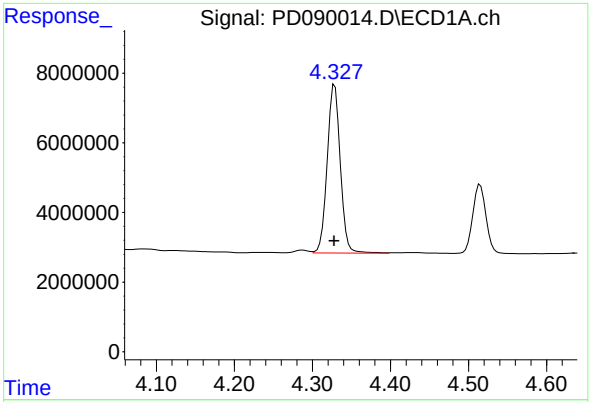
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 57914115
Conc: 9.65 ng/ml



#2 alpha-BHC

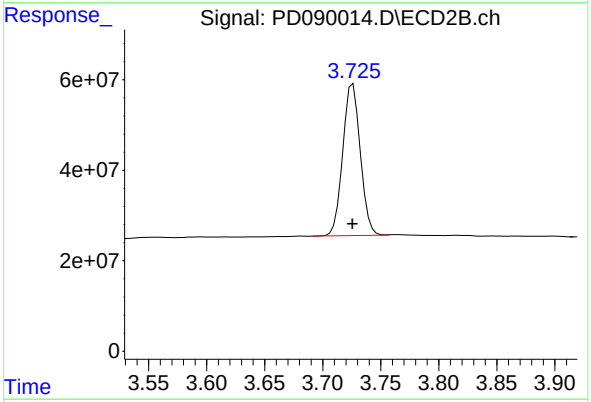
R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 393371443
Conc: 11.59 ng/ml



#3 gamma-BHC (Lindane)

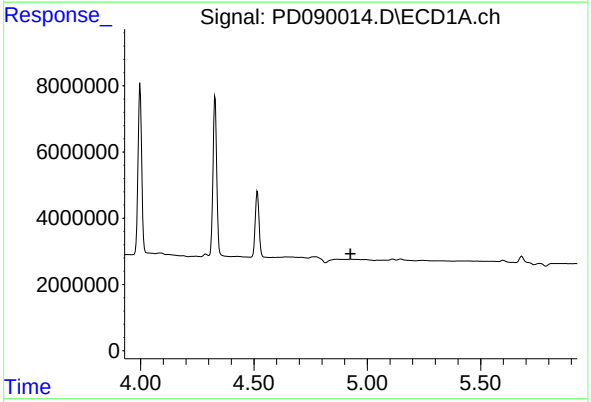
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 56561252
Conc: 9.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



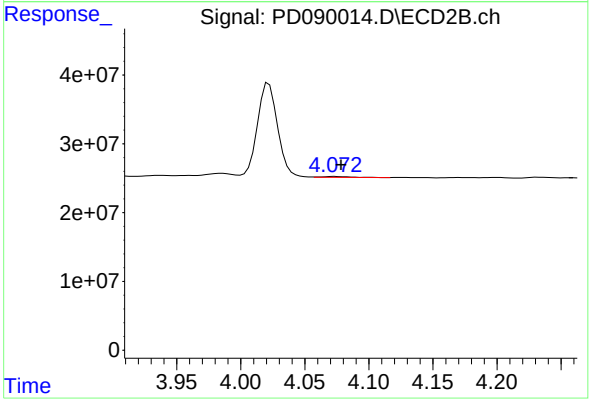
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 352685111
Conc: 11.31 ng/ml



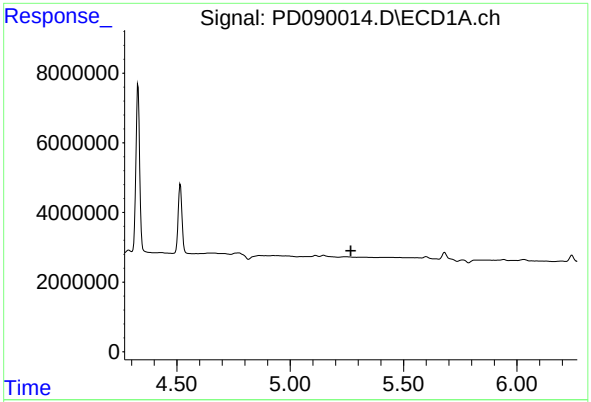
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.



#4 Heptachlor

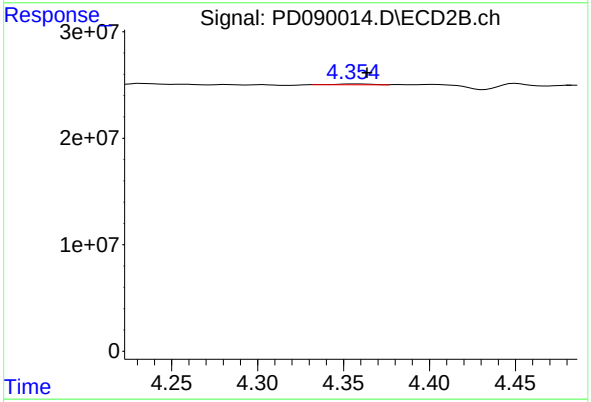
R.T.: 4.073 min
Delta R.T.: -0.005 min
Response: 1648757
Conc: 0.05 ng/ml



#5 Aldrin

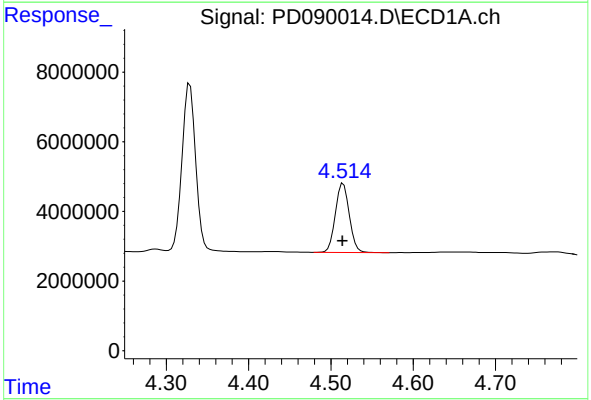
R.T.: 0.000 min
Exp R.T. : 5.267 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



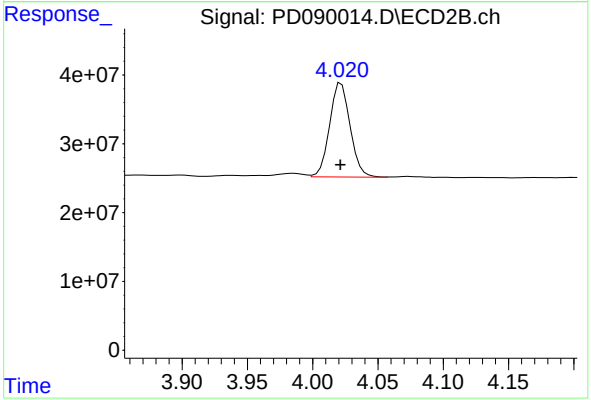
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.008 min
Response: 1204494
Conc: 0.04 ng/ml



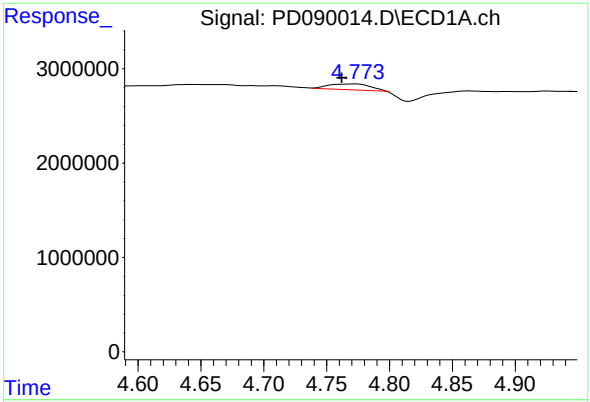
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 23330801
Conc: 10.40 ng/ml



#6 beta-BHC

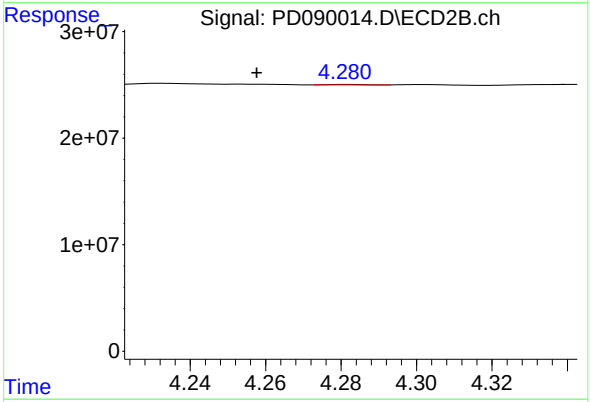
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 149653448
Conc: 11.23 ng/ml



#7 delta-BHC

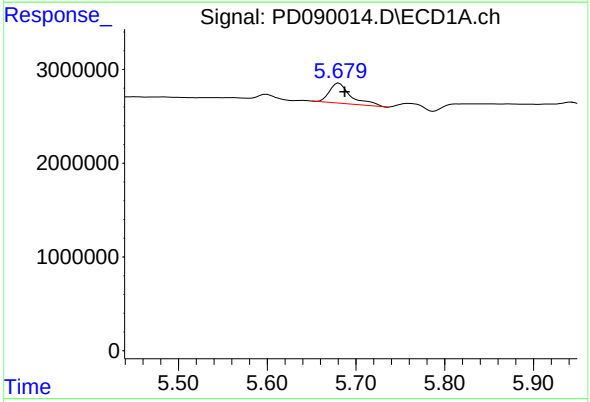
R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 1404623
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



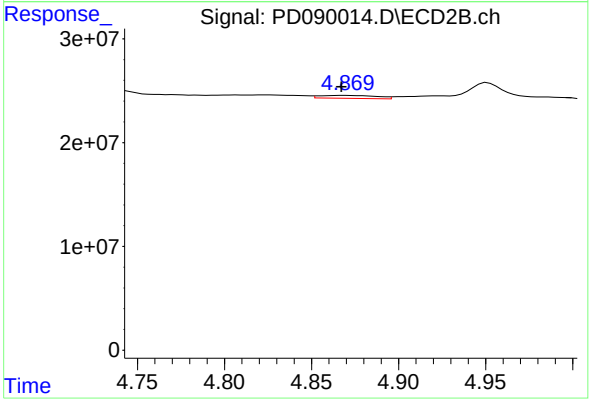
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.024 min
Response: 363003
Conc: 0.01 ng/ml



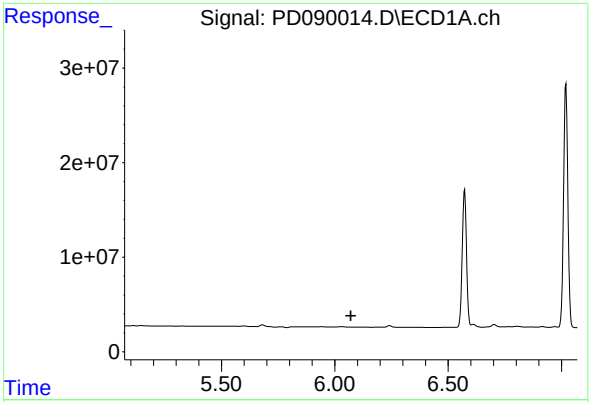
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 3657711
Conc: 0.75 ng/ml



#8 Heptachlor epoxide

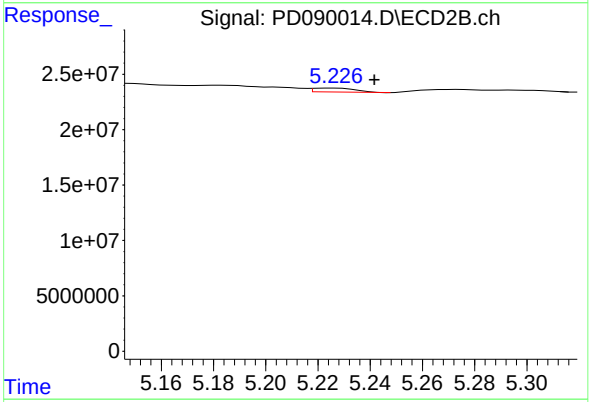
R.T.: 4.869 min
Delta R.T.: 0.002 min
Response: 6462527
Conc: 0.23 ng/ml



#9 Endosulfan I

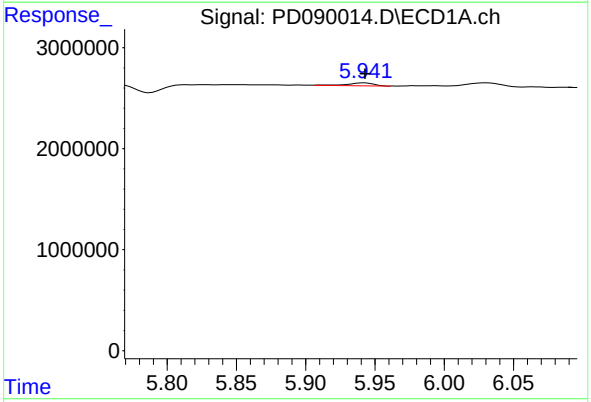
R.T.: 0.000 min
Exp R.T. : 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



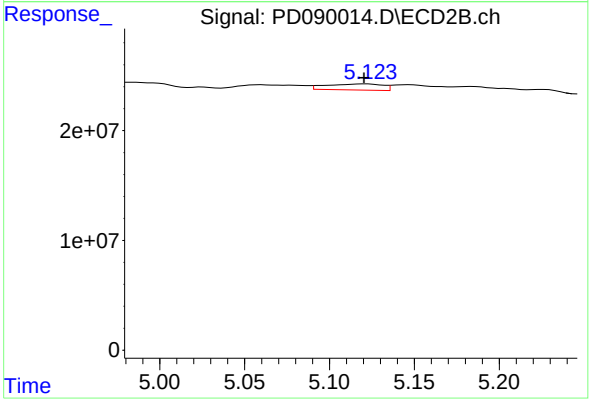
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: -0.015 min
Response: 3942121
Conc: 0.15 ng/ml



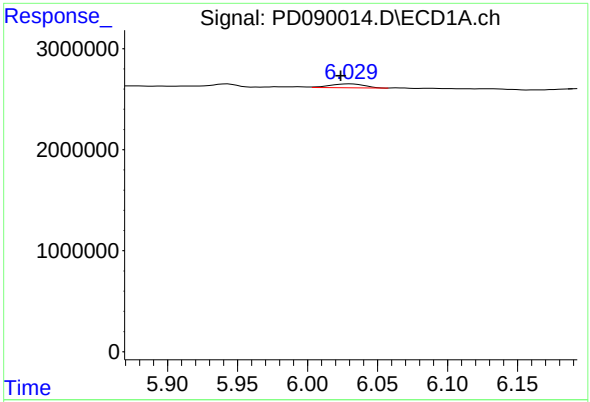
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 387164
Conc: 0.08 ng/ml



#10 gamma-Chlordane

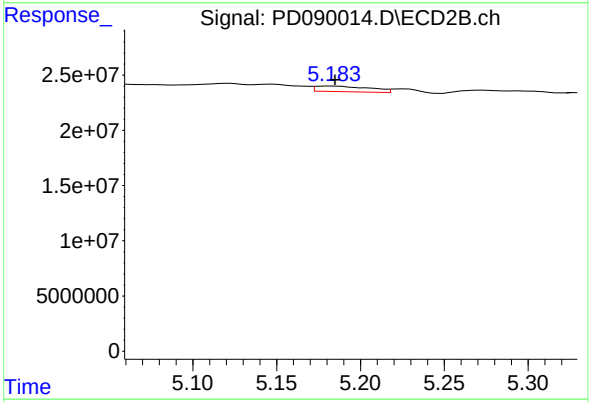
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 12646056
Conc: 0.43 ng/ml



#11 alpha-Chlordane

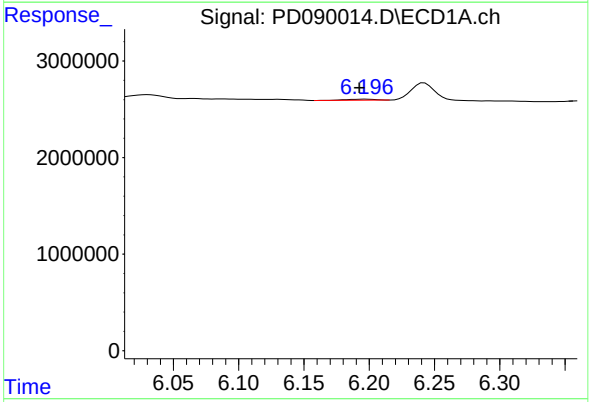
R.T.: 6.030 min
Delta R.T.: 0.007 min
Response: 665083
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



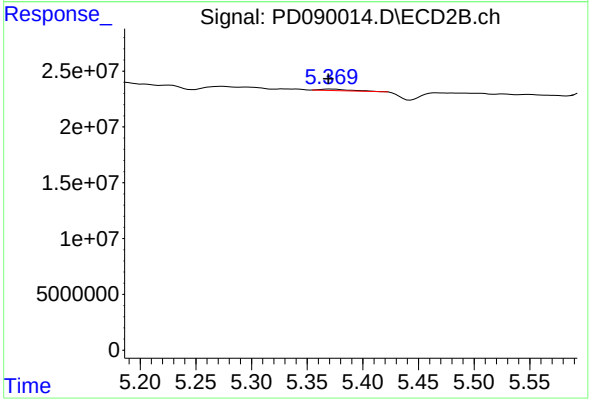
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 11314760
Conc: 0.40 ng/ml



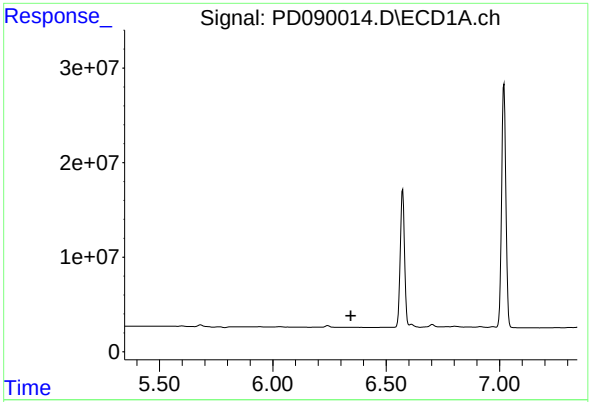
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.005 min
Response: 178385
Conc: 0.04 ng/ml



#12 4,4'-DDE

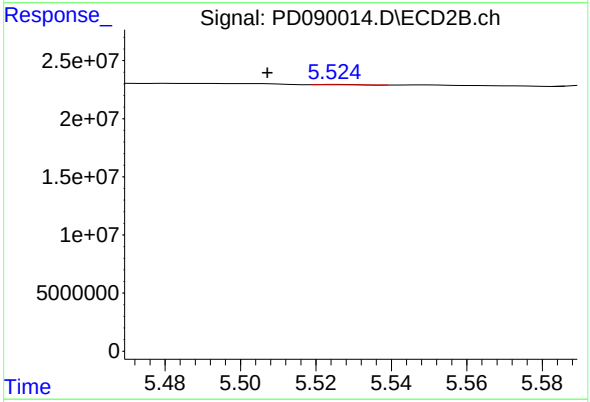
R.T.: 5.371 min
Delta R.T.: 0.002 min
Response: 2172151
Conc: 0.08 ng/ml



#13 Dieldrin

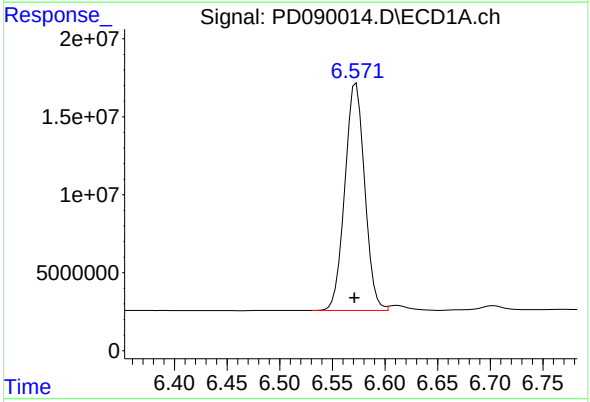
R.T.: 0.000 min
Exp R.T. : 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



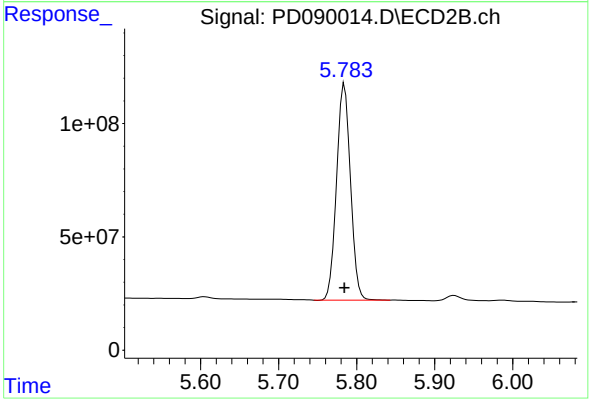
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: 0.019 min
Response: 254888
Conc: 0.01 ng/ml



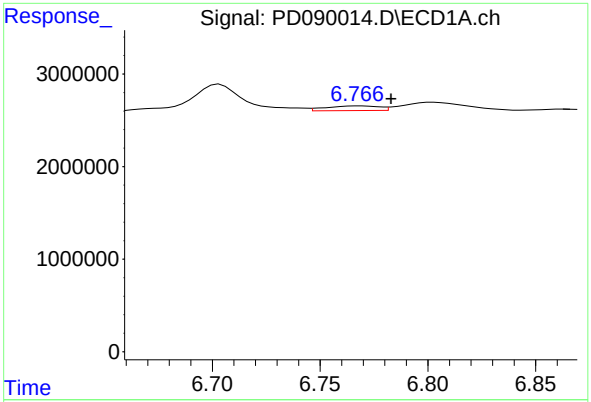
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 191494224
Conc: 46.21 ng/ml



#14 Endrin

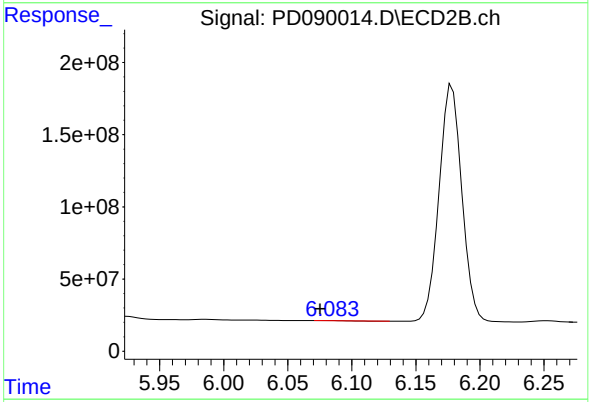
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1182423197
Conc: 44.40 ng/ml



#15 Endosulfan II

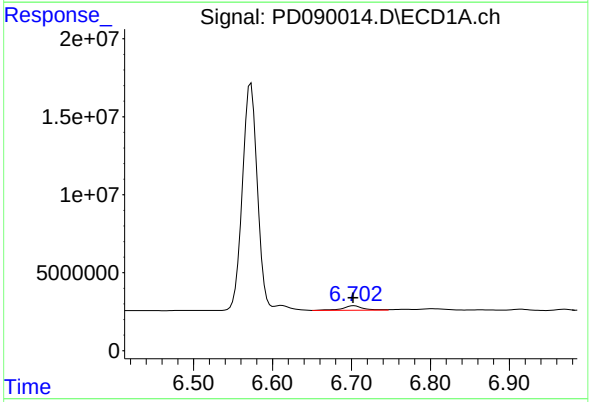
R.T.: 6.768 min
Delta R.T.: -0.015 min
Response: 866927
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



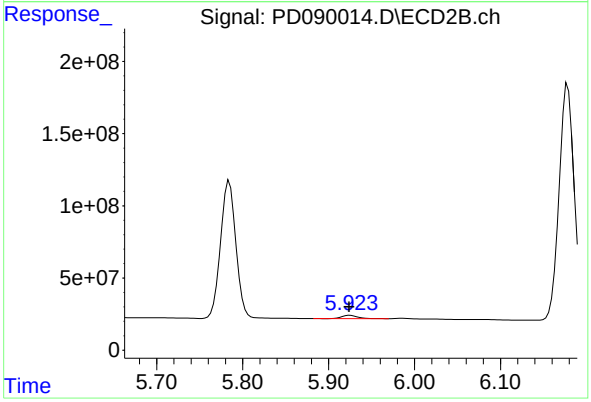
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 616940
Conc: 0.02 ng/ml



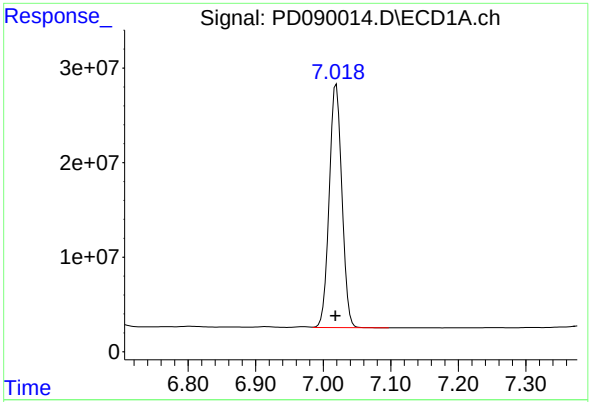
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.001 min
Response: 5225107
Conc: 1.51 ng/ml



#16 4,4'-DDD

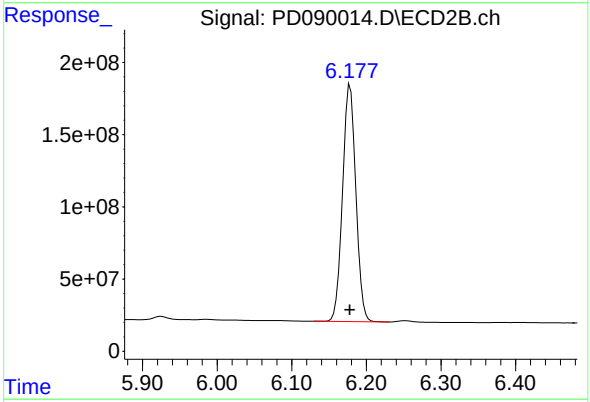
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 29128152
Conc: 1.21 ng/ml



#17 4,4'-DDT

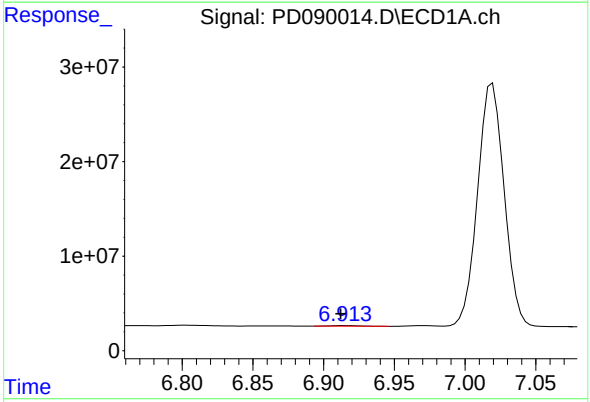
R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 336575867
Conc: 88.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



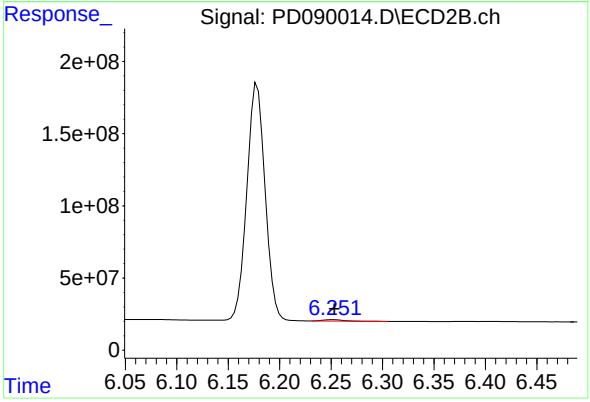
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 2030240743
Conc: 80.98 ng/ml



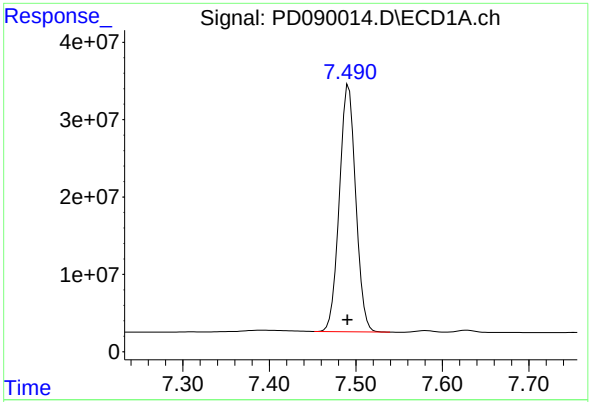
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 1029458
Conc: 0.36 ng/ml



#18 Endrin aldehyde

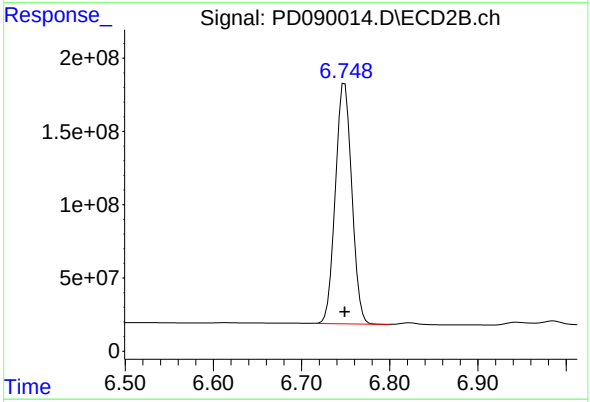
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 10287100
Conc: 0.60 ng/ml



#20 Methoxychlor

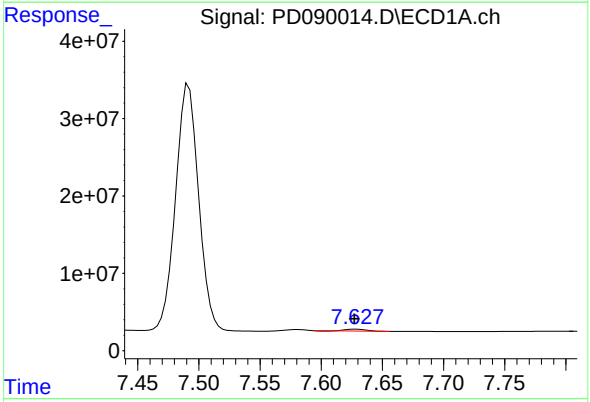
R.T.: 7.492 min
Delta R.T.: 0.001 min
Response: 417153267
Conc: 207.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



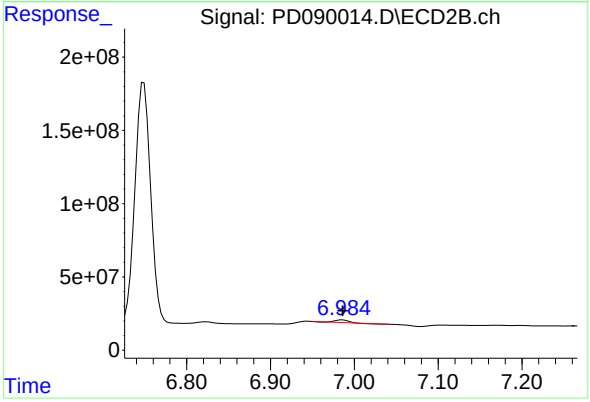
#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 2126626249
Conc: 164.91 ng/ml



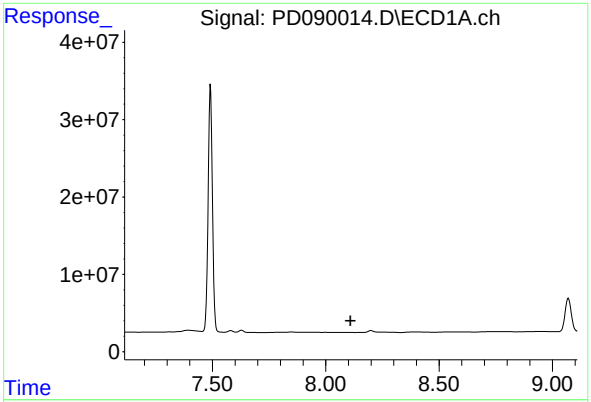
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 2786243
Conc: 0.67 ng/ml



#21 Endrin ketone

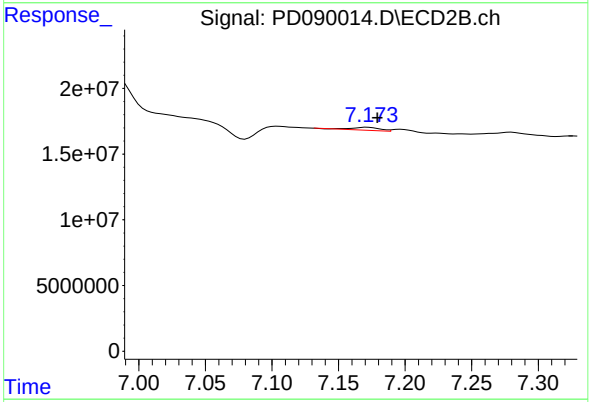
R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 13340923
Conc: 0.50 ng/ml



#22 Mirex

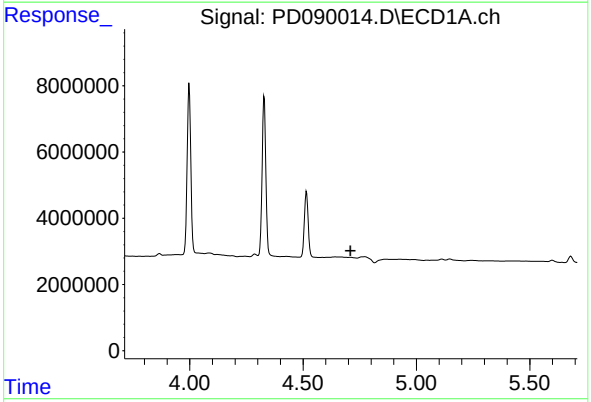
R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



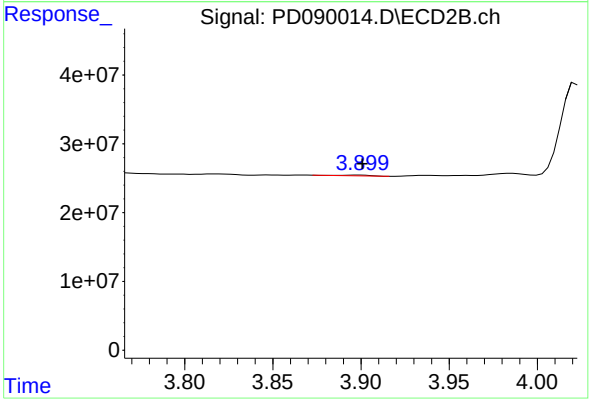
#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.007 min
Response: 3338970
Conc: 0.16 ng/ml



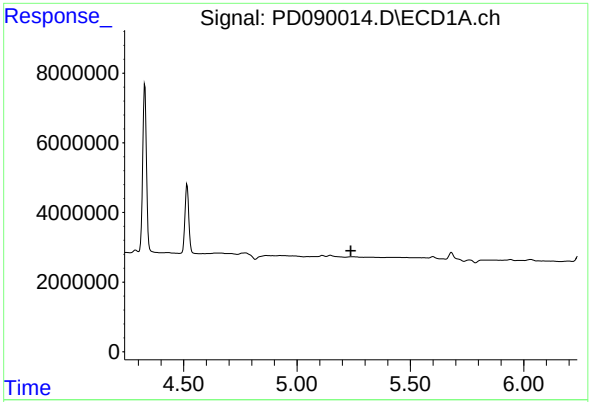
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#23 Chlordane-1

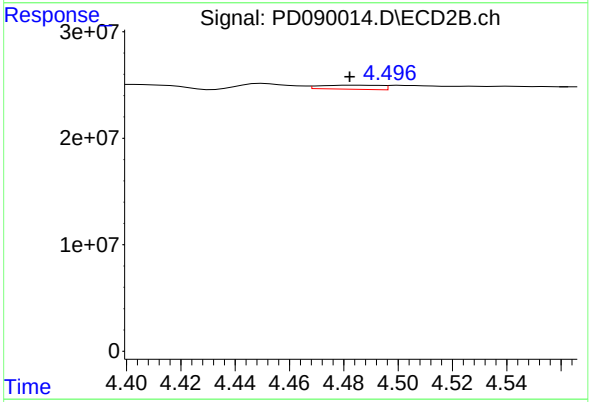
R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 1252844
Conc: 1.41 ng/ml



#24 Chlordane-2

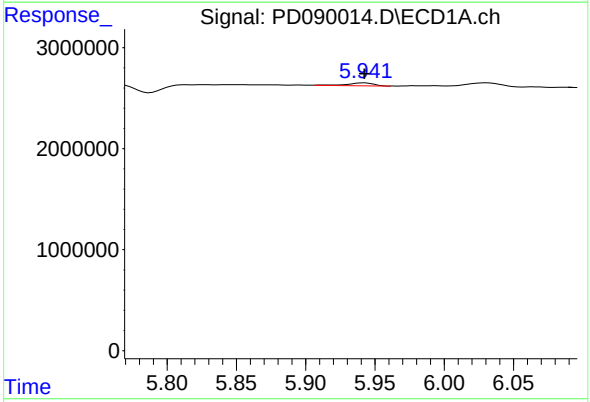
R.T.: 0.000 min
Exp R.T. : 5.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



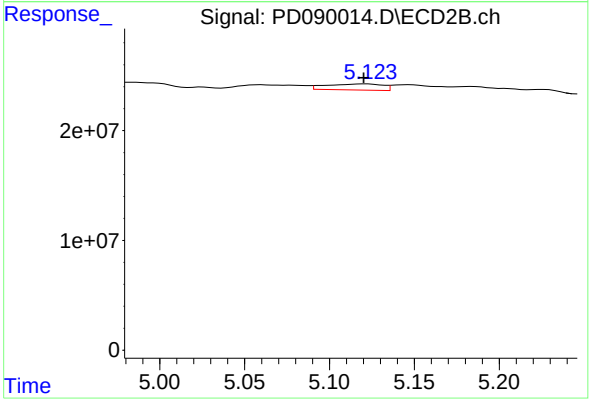
#24 Chlordane-2

R.T.: 4.486 min
Delta R.T.: 0.004 min
Response: 5961724
Conc: 6.22 ng/ml



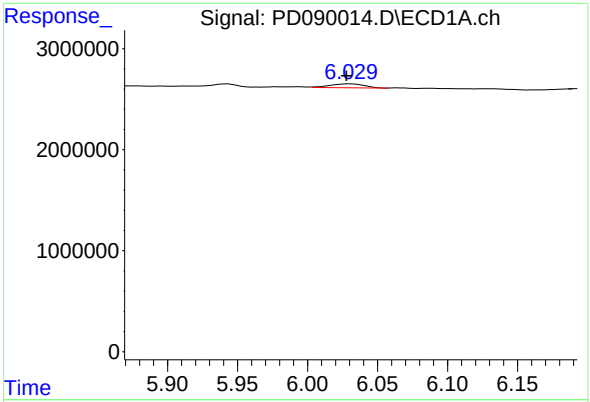
#25 Chlordane-3

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 387164
Conc: 0.57 ng/ml



#25 Chlordane-3

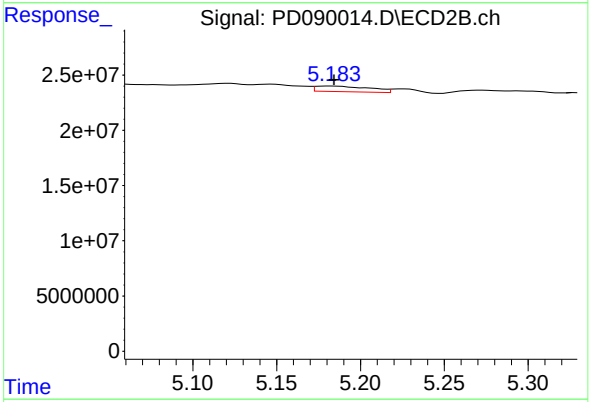
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 12646056
Conc: 4.56 ng/ml



#26 Chlordane-4

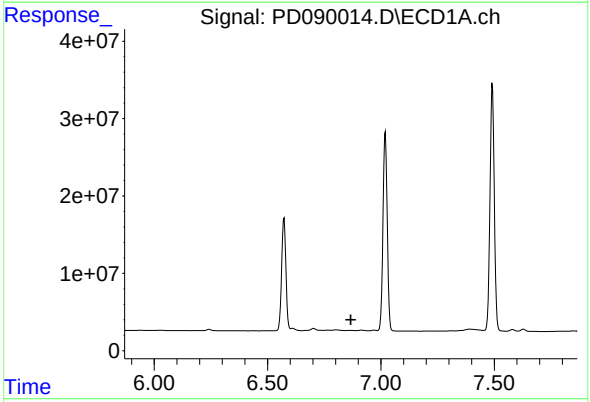
R.T.: 6.030 min
Delta R.T.: 0.003 min
Response: 665083
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



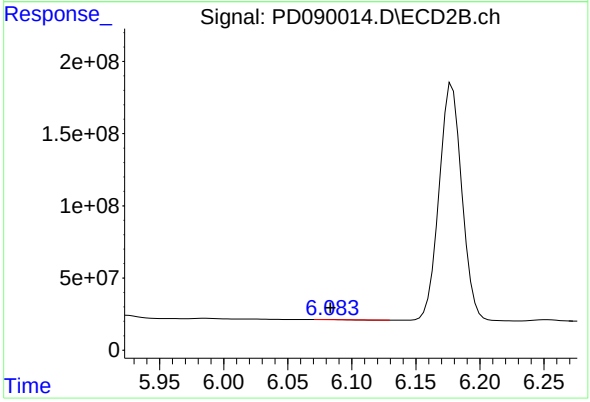
#26 Chlordane-4

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 11314760
Conc: 4.70 ng/ml



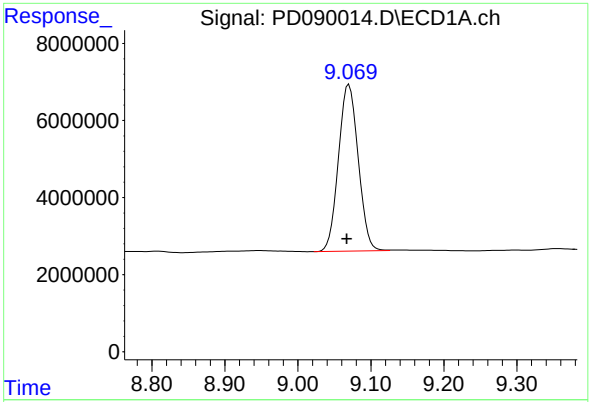
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.867 min
Response: 0
Conc: N.D.



#27 Chlordane-5

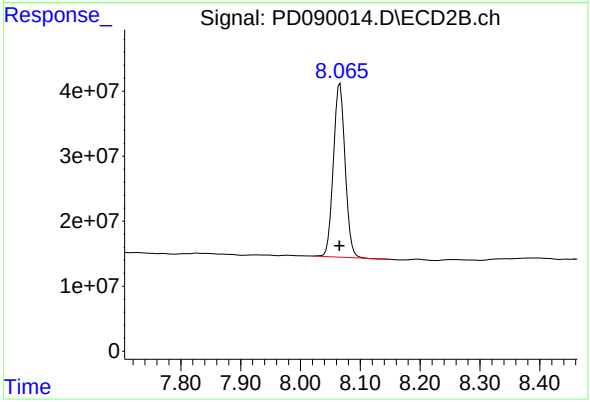
R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 616940
Conc: 0.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 81254731
Conc: 18.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 363834005
Conc: 14.06 ng/ml