Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 09:09
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 01:52:16 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	2.877	60979560	480.6E6	20.778	21.798	
28)	SA	Decachlor...	9.070	8.066	92909771	591.5E6	21.527	22.851	
		Target Compounds							
2)	A	alpha-BHC	3.998	3.389	59835965	406.5E6	9.969	11.978	
3)	MA	gamma-BHC...	4.329	3.726	59379851	367.7E6	10.369	11.798	
4)	MA	Heptachlor	0.000	4.080	0	1894972	N.D.	0.061	#
5)	MB	Aldrin	0.000	4.363	0	1282195	N.D.	0.042	#
6)	B	beta-BHC	4.515	4.021	24682619	154.9E6	11.004	11.624	
7)	B	delta-BHC	4.768	4.260	1274927	569487	0.246	0.018	#
8)	B	Heptachlo...	5.681	4.877	3768871	5818076	0.768	0.210	#
10)	B	gamma-Chl...	5.942	5.121	470709	19647465	0.096	0.664	#
11)	B	alpha-Chl...	6.031	5.188	954862	19113346	0.194	0.670	#
12)	B	4,4'-DDE	6.196	5.371	289782	2580729	0.066	0.090	#
13)	MA	Dieldrin	0.000	5.509	0	1514606	N.D.	0.052	#
14)	MA	Endrin	6.573	5.784	223.4E6	1408.9E6	53.915	52.903	
15)	B	Endosulfa...	6.769	6.082	894373	4395987	0.212	0.174	
16)	A	4,4'-DDD	6.704	5.925	5529140	30914791	1.598	1.286	
17)	MA	4,4'-DDT	7.020	6.178	407.4E6	2673.8E6	106.944	106.656	
18)	B	Endrin al...	6.915	6.252	1146081	15505195	0.400	0.900	#
19)	B	Endosulfa...	0.000	6.450f	0	3472981	N.D.	0.142	#
20)	A	Methoxychlor	7.492	6.748	490.5E6	2673.9E6	244.577	207.349	
21)	B	Endrin ke...	7.629	6.985	2501457	27684631	0.604	1.039	#
22)		Mirex	8.122	7.169	85995	5504580	0.027	0.266	#
23)		Chlordane-1	0.000	3.898	0	1271228	N.D.	1.430	#
24)		Chlordane-2	0.000	4.491	0	12135222	N.D.	12.668	#
25)		Chlordane-3	5.942	5.121	470709	19647465	0.694	7.090	#
26)		Chlordane-4	6.031	5.188	954862	19113346	1.150	7.941	#
27)		Chlordane-5	6.872	6.082	214876	4395987	1.533	3.996	#

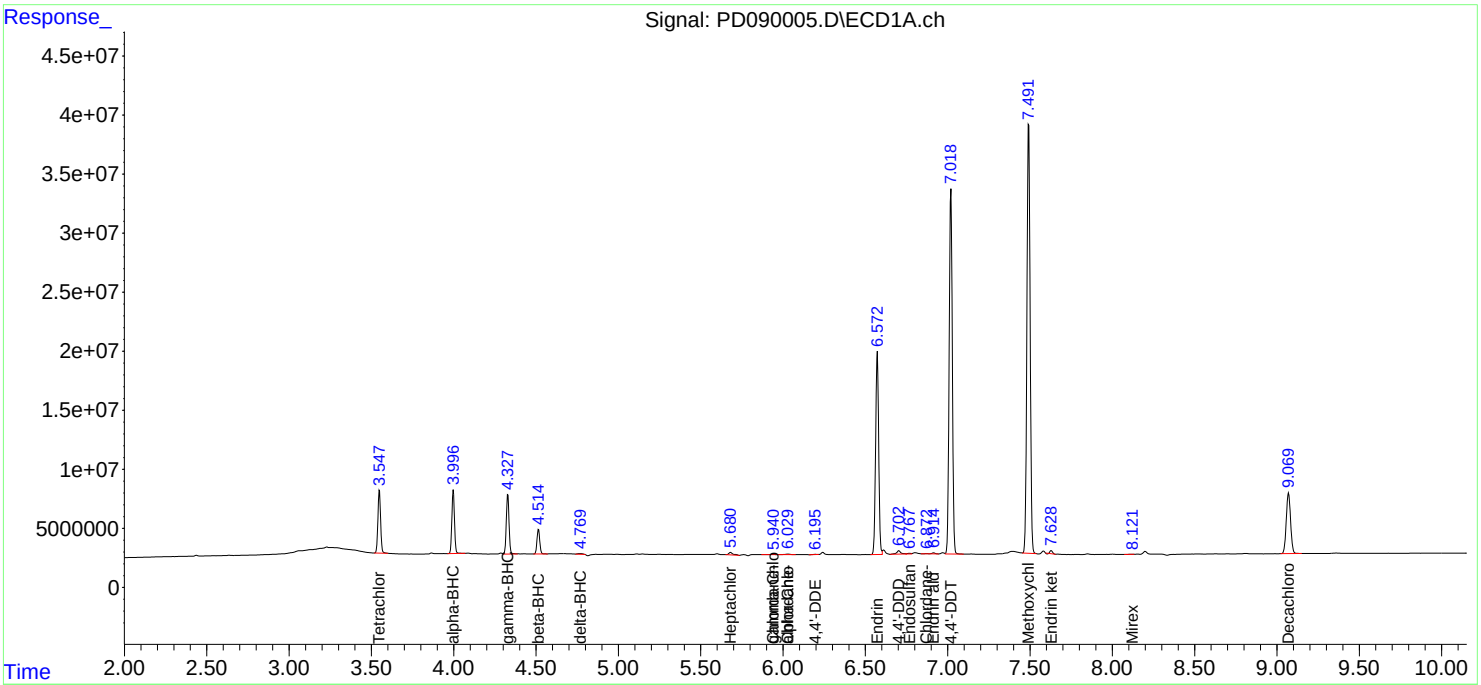
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

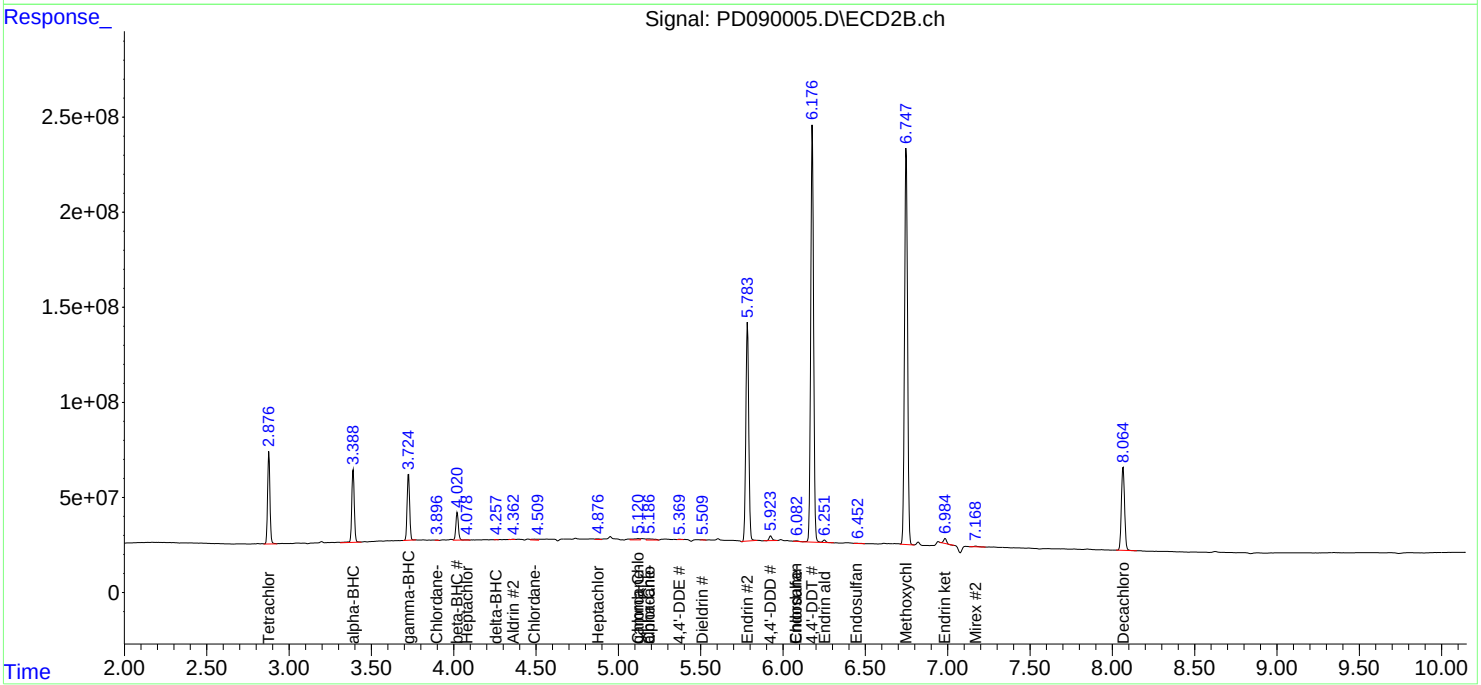
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 09:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

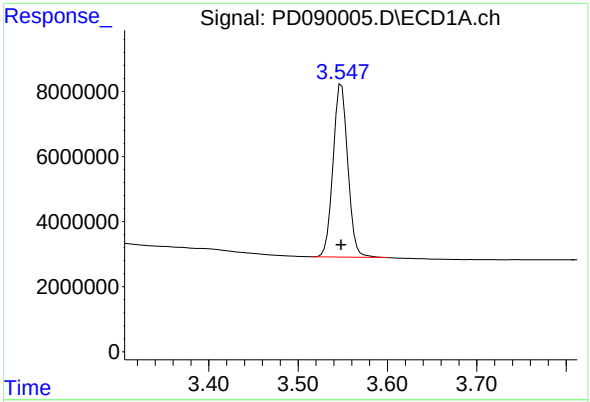
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:52:16 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



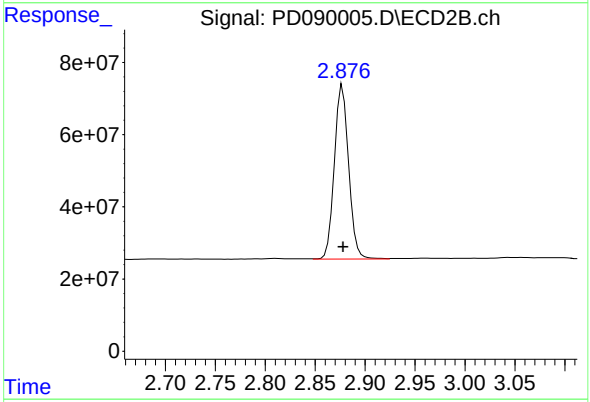




#1 Tetrachloro-m-xylene

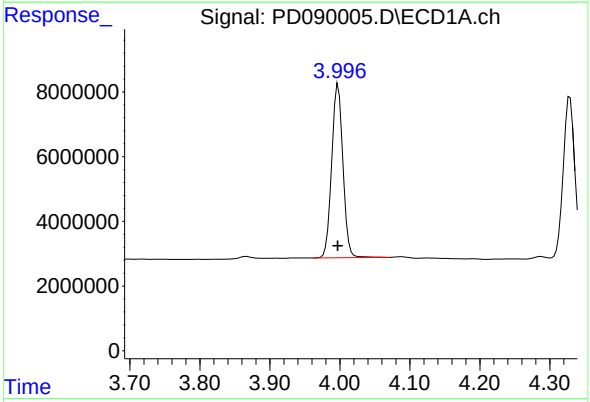
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 60979560
Conc: 20.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



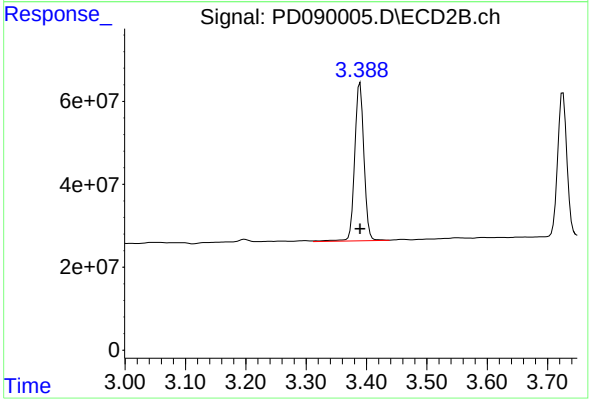
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 480647904
Conc: 21.80 ng/ml



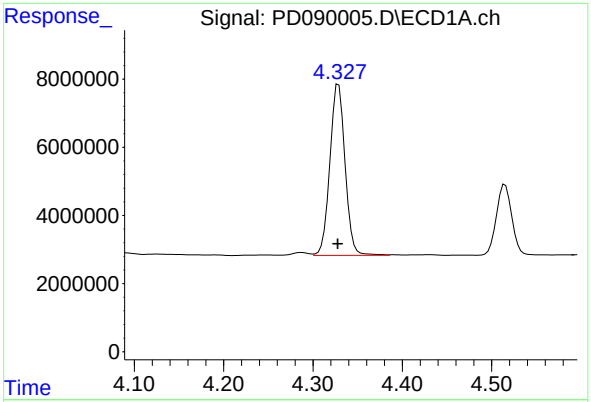
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 59835965
Conc: 9.97 ng/ml



#2 alpha-BHC

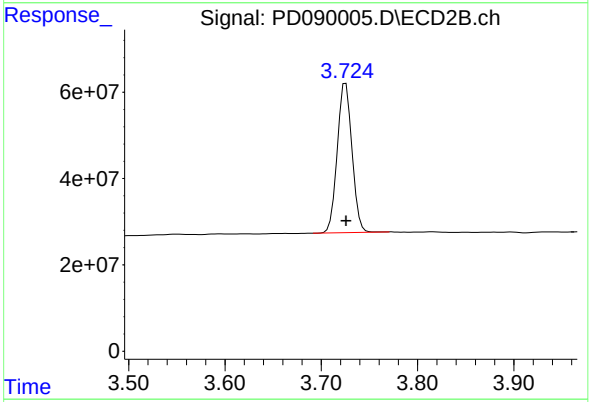
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 406529213
Conc: 11.98 ng/ml



#3 gamma-BHC (Lindane)

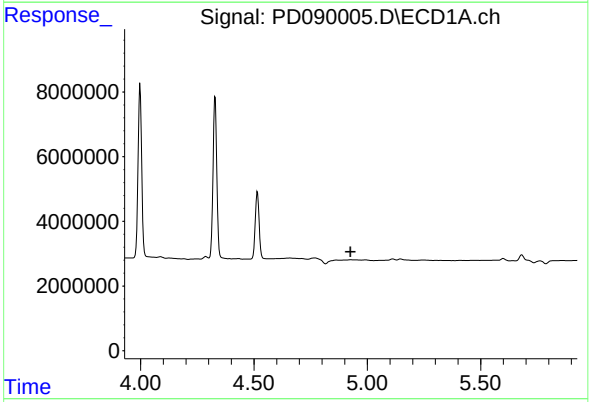
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 59379851
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



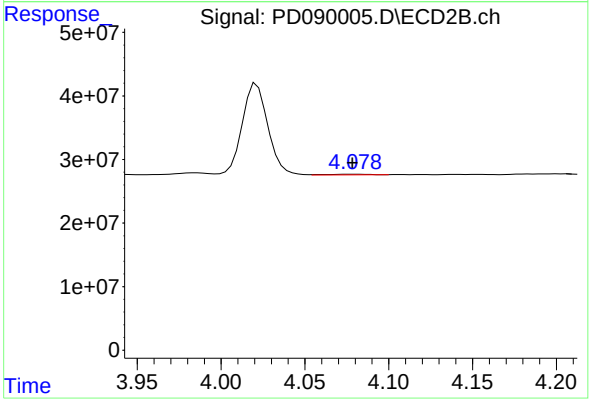
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 367741423
Conc: 11.80 ng/ml



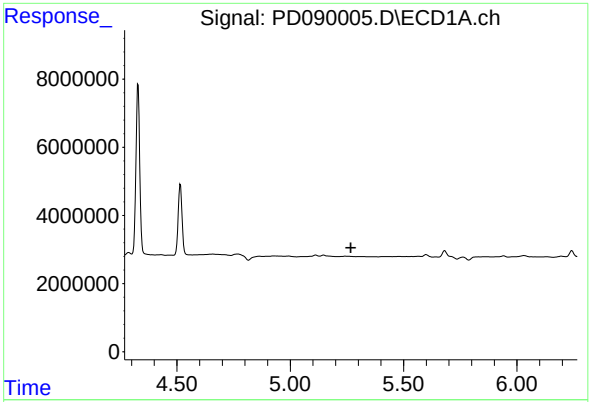
#4 Heptachlor

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



#4 Heptachlor

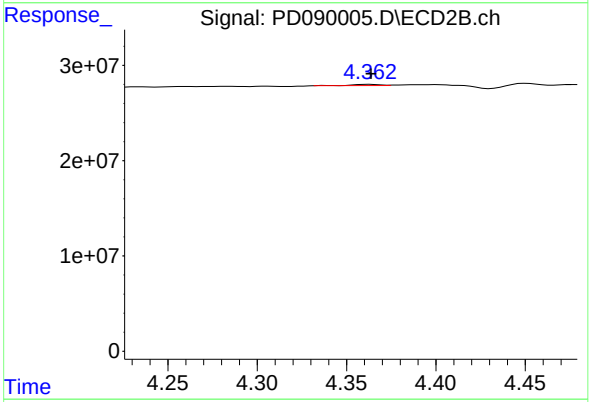
R.T.: 4.080 min
Delta R.T.: 0.001 min
Response: 1894972
Conc: 0.06 ng/ml



#5 Aldrin

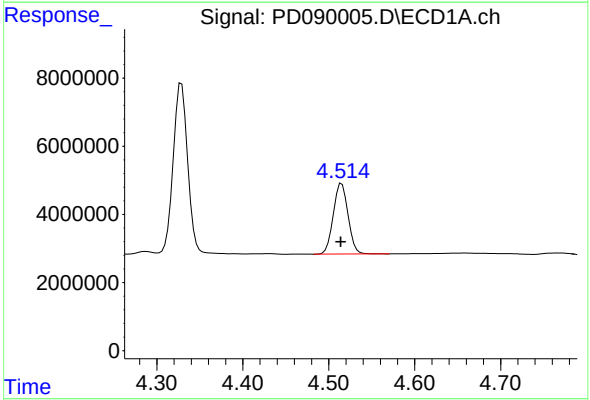
R.T.: 0.000 min
Exp R.T. : 5.267 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



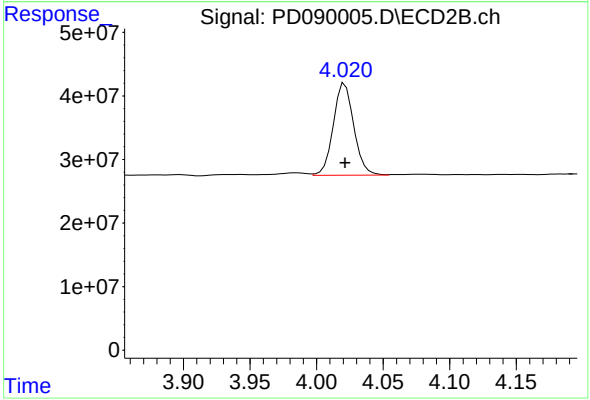
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 1282195
Conc: 0.04 ng/ml



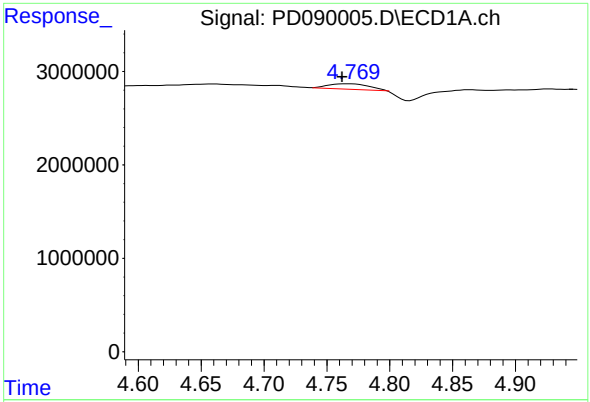
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 24682619
Conc: 11.00 ng/ml



#6 beta-BHC

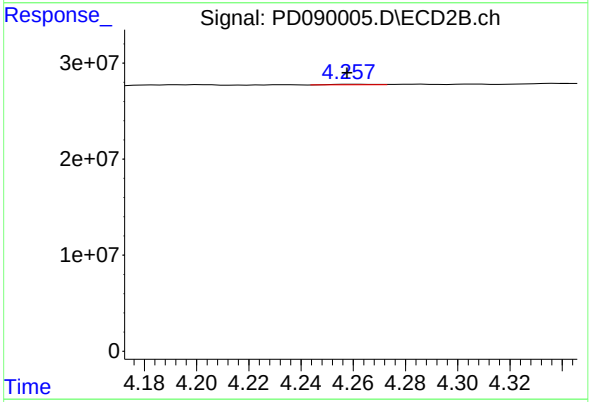
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 154945754
Conc: 11.62 ng/ml



#7 delta-BHC

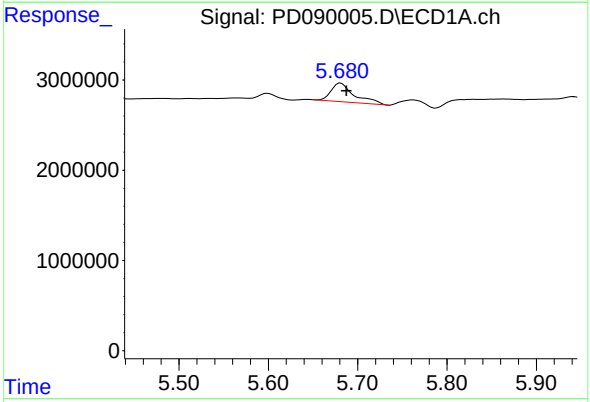
R.T.: 4.768 min
Delta R.T.: 0.006 min
Response: 1274927
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



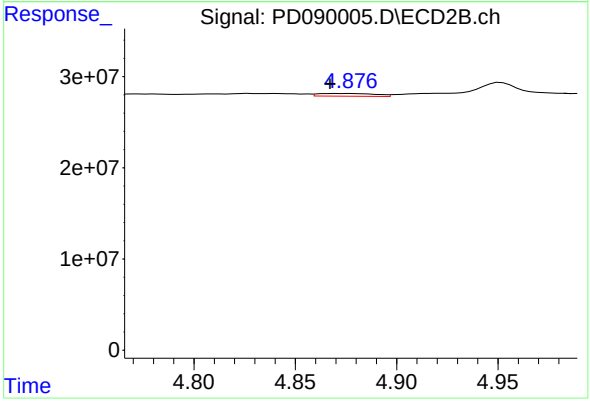
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.002 min
Response: 569487
Conc: 0.02 ng/ml



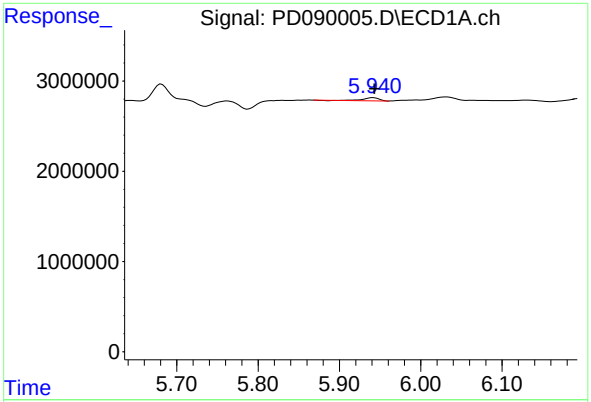
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 3768871
Conc: 0.77 ng/ml



#8 Heptachlor epoxide

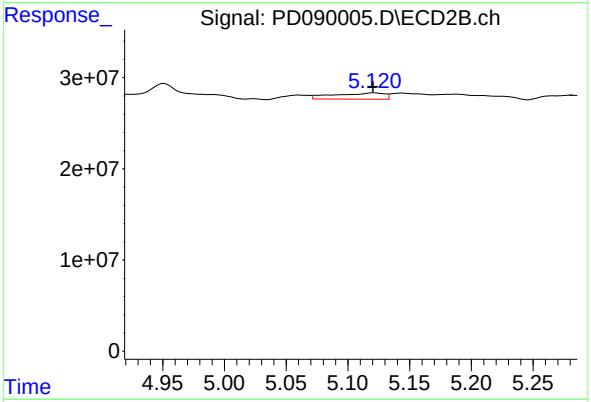
R.T.: 4.877 min
Delta R.T.: 0.010 min
Response: 5818076
Conc: 0.21 ng/ml



#10 gamma-Chlordane

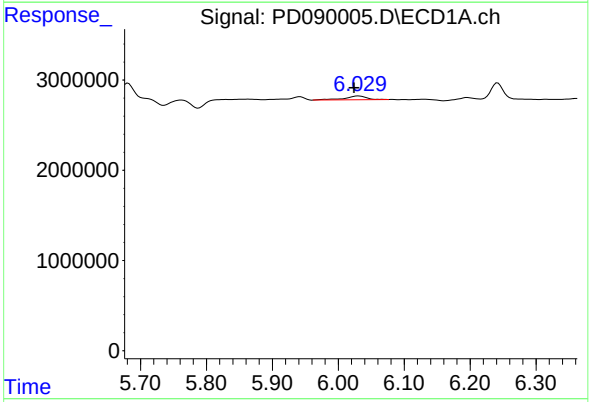
R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 470709
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



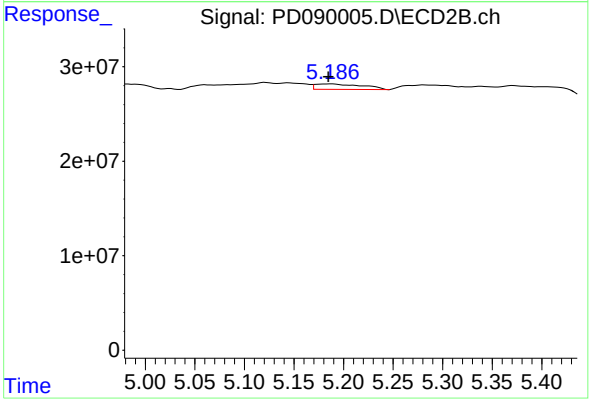
#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 19647465
Conc: 0.66 ng/ml



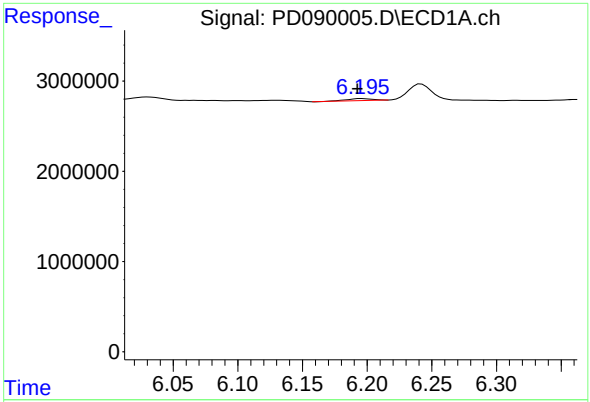
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 954862
Conc: 0.19 ng/ml



#11 alpha-Chlordane

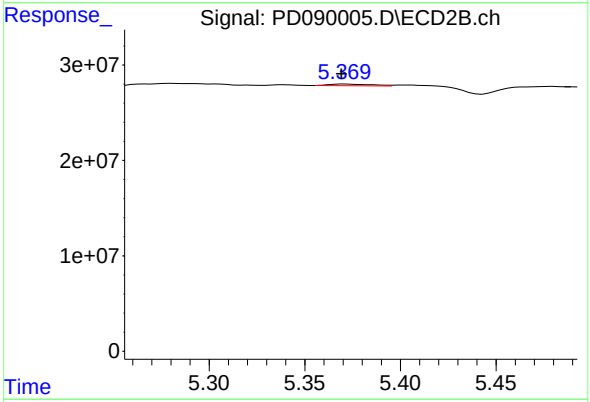
R.T.: 5.188 min
Delta R.T.: 0.003 min
Response: 19113346
Conc: 0.67 ng/ml



#12 4,4'-DDE

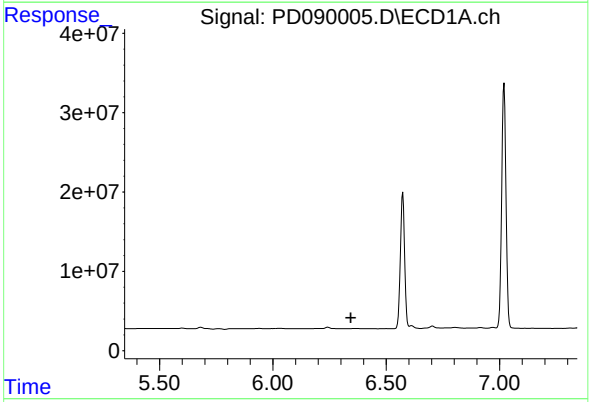
R.T.: 6.196 min
Delta R.T.: 0.004 min
Response: 289782
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



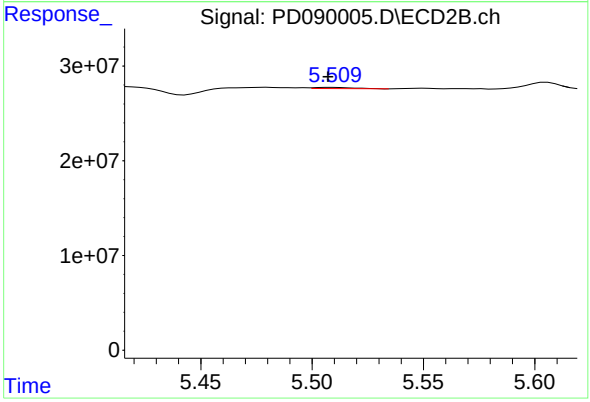
#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.001 min
Response: 2580729
Conc: 0.09 ng/ml



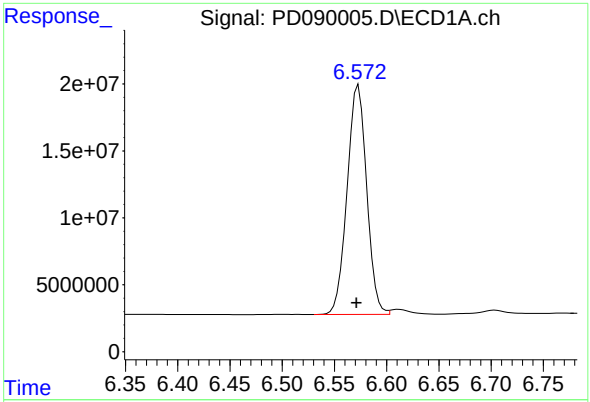
#13 Dieldrin

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



#13 Dieldrin

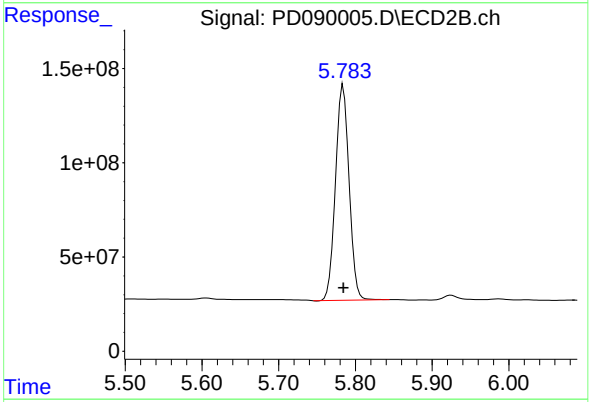
R.T.: 5.509 min
Delta R.T.: 0.002 min
Response: 1514606
Conc: 0.05 ng/ml



#14 Endrin

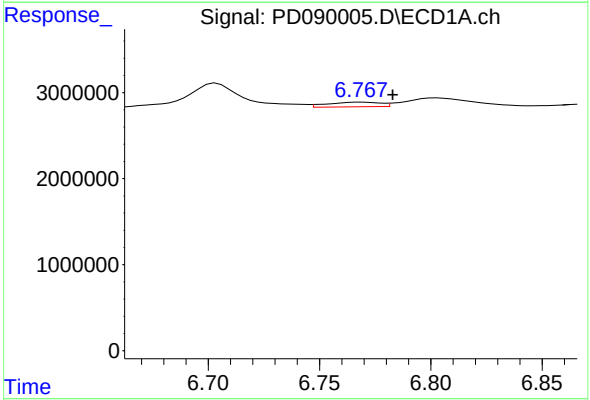
R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 223398931
Conc: 53.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



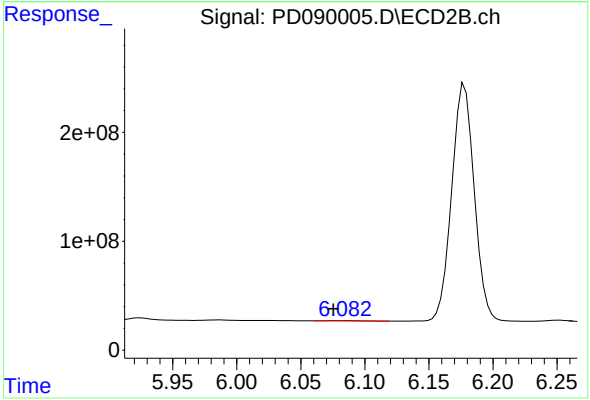
#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1408913915
Conc: 52.90 ng/ml



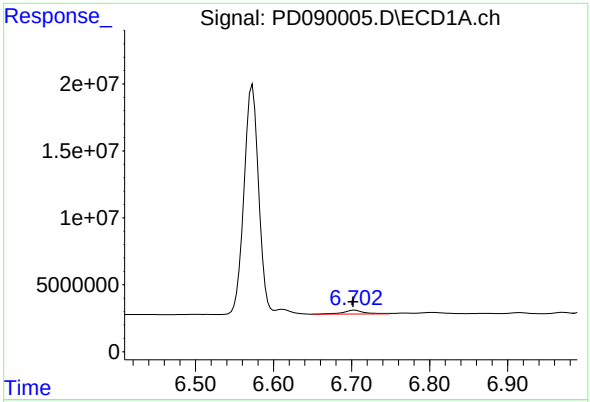
#15 Endosulfan II

R.T.: 6.769 min
Delta R.T.: -0.014 min
Response: 894373
Conc: 0.21 ng/ml



#15 Endosulfan II

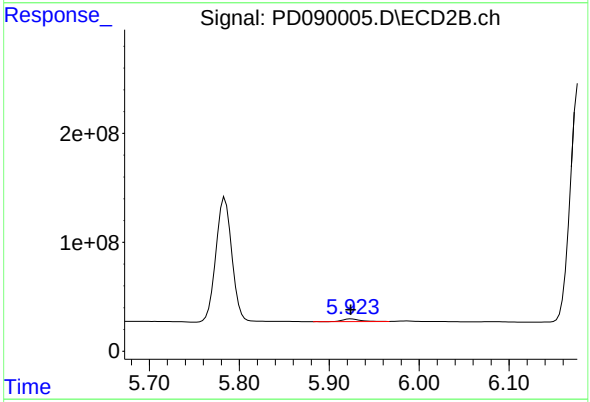
R.T.: 6.082 min
Delta R.T.: 0.007 min
Response: 4395987
Conc: 0.17 ng/ml



#16 4,4'-DDD

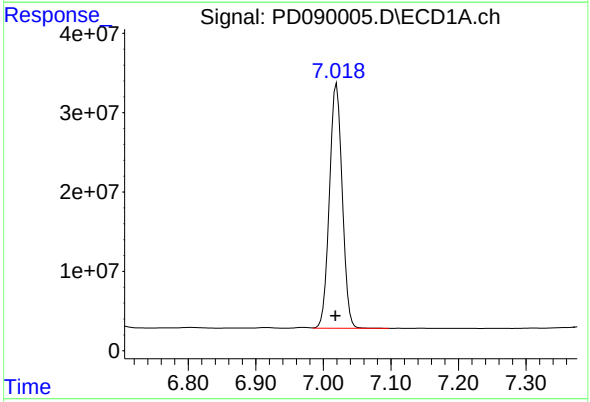
R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 5529140
Conc: 1.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



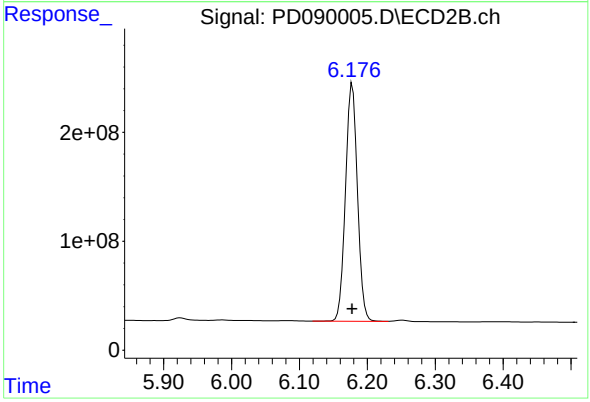
#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 30914791
Conc: 1.29 ng/ml



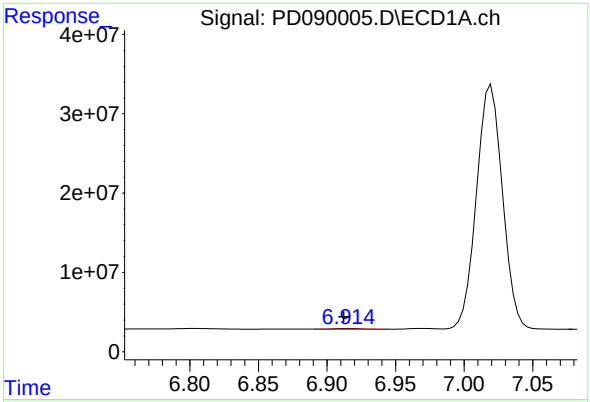
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 407430407
Conc: 106.94 ng/ml



#17 4,4'-DDT

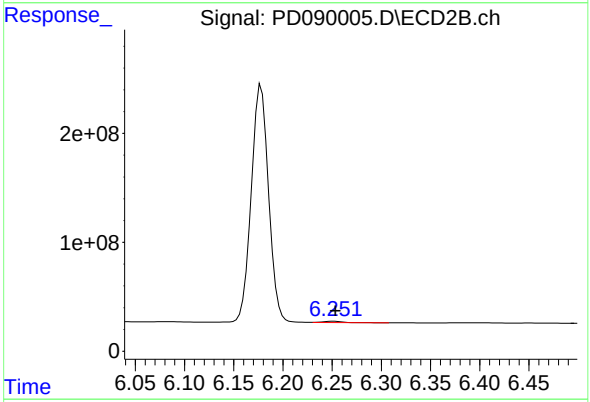
R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 2673843847
Conc: 106.66 ng/ml



#18 Endrin aldehyde

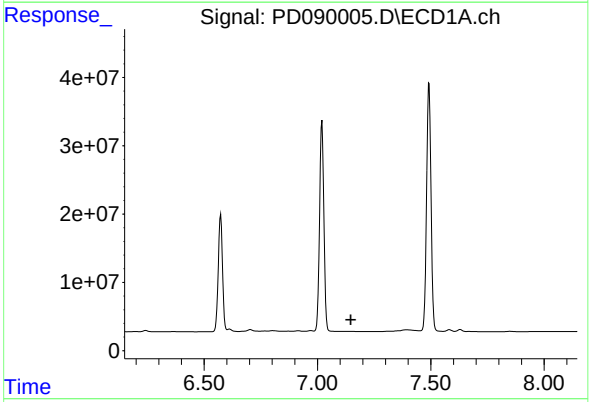
R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 1146081
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



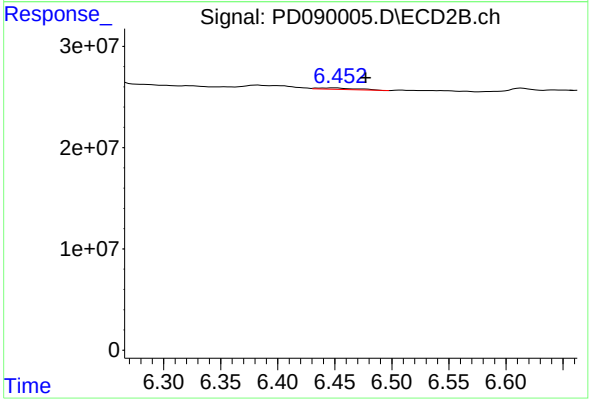
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 15505195
Conc: 0.90 ng/ml



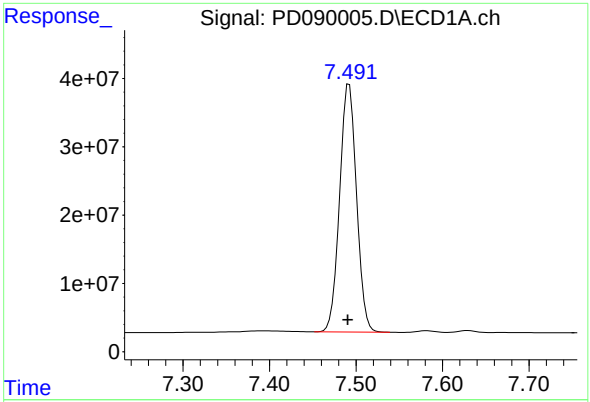
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.147 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

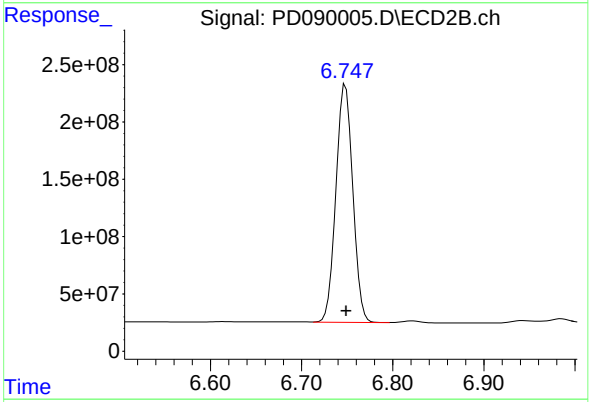
R.T.: 6.450 min
Delta R.T.: -0.027 min
Response: 3472981
Conc: 0.14 ng/ml



#20 Methoxychlor

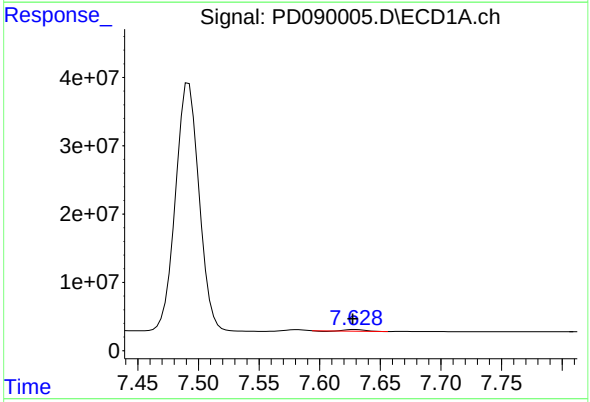
R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 490528800
Conc: 244.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



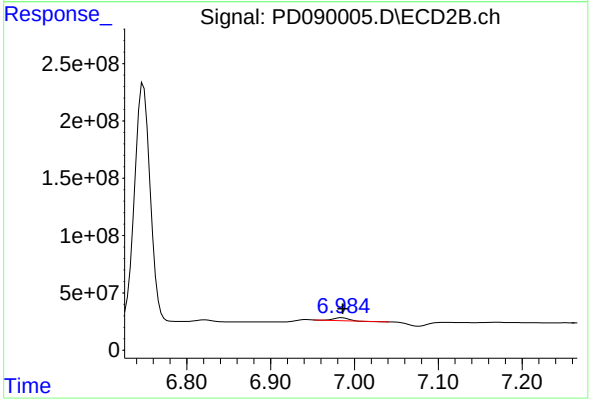
#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 2673926762
Conc: 207.35 ng/ml



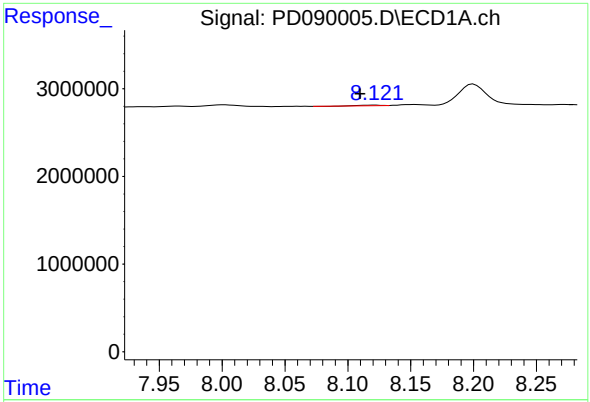
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 2501457
Conc: 0.60 ng/ml



#21 Endrin ketone

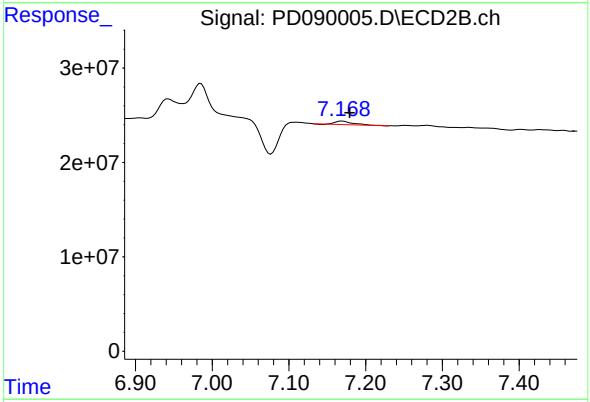
R.T.: 6.985 min
Delta R.T.: -0.001 min
Response: 27684631
Conc: 1.04 ng/ml



#22 Mirex

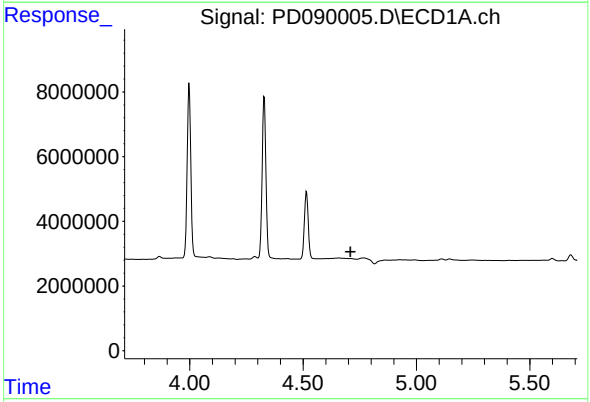
R.T.: 8.122 min
Delta R.T.: 0.012 min
Response: 85995
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



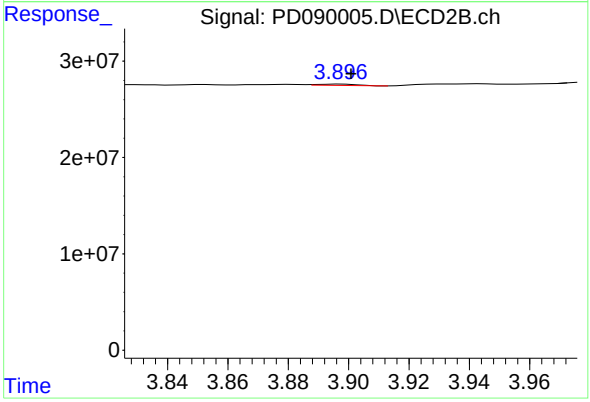
#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.010 min
Response: 5504580
Conc: 0.27 ng/ml



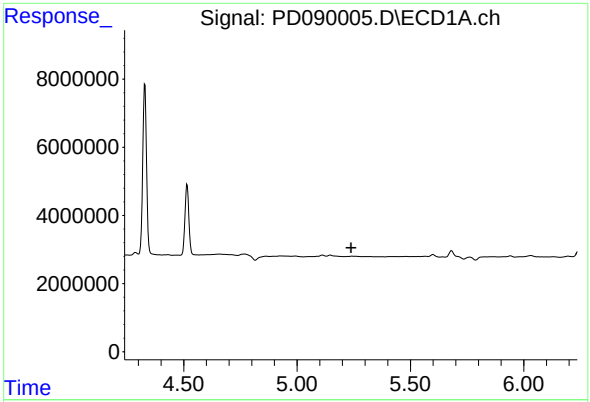
#23 Chlordane-1

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



#23 Chlordane-1

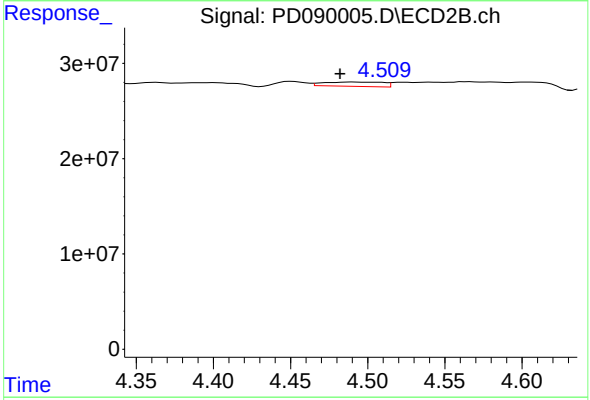
R.T.: 3.898 min
Delta R.T.: -0.003 min
Response: 1271228
Conc: 1.43 ng/ml



#24 Chlordane-2

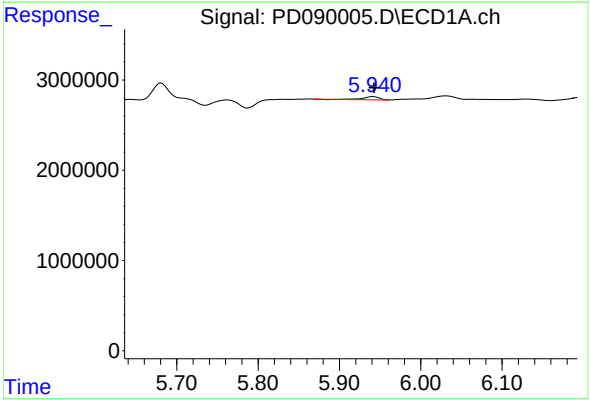
R.T.: 0.000 min
Exp R.T. : 5.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



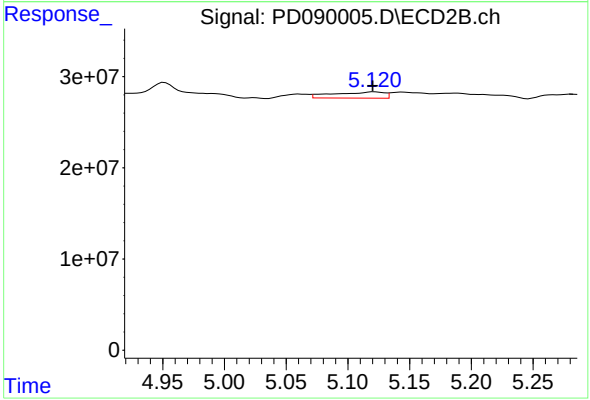
#24 Chlordane-2

R.T.: 4.491 min
Delta R.T.: 0.008 min
Response: 12135222
Conc: 12.67 ng/ml



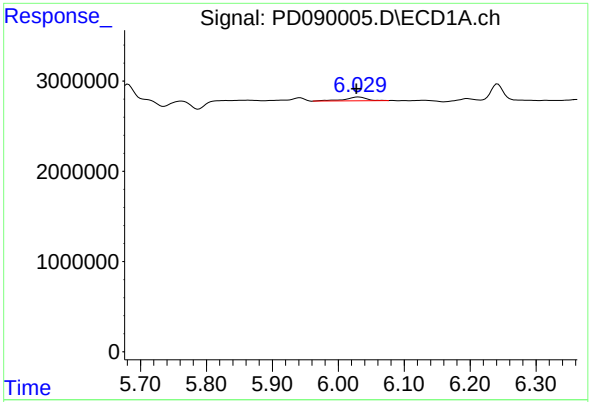
#25 Chlordane-3

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 470709
Conc: 0.69 ng/ml



#25 Chlordane-3

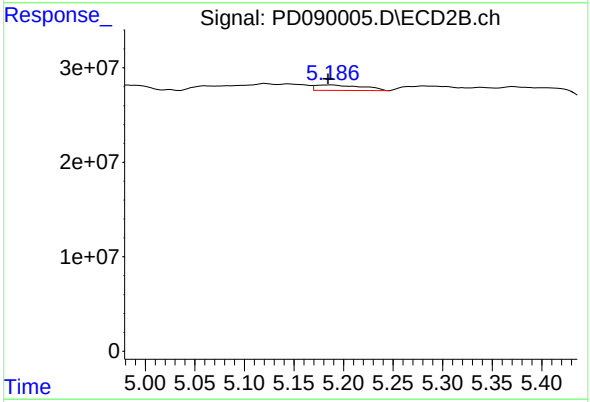
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 19647465
Conc: 7.09 ng/ml



#26 Chlordane-4

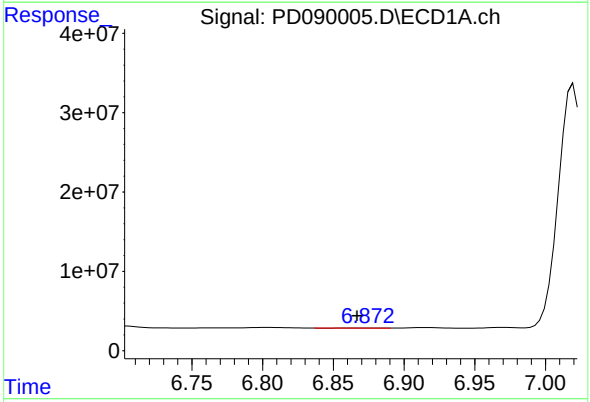
R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 954862
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



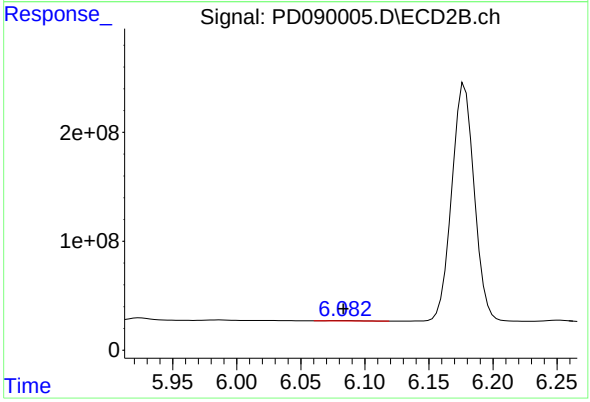
#26 Chlordane-4

R.T.: 5.188 min
Delta R.T.: 0.004 min
Response: 19113346
Conc: 7.94 ng/ml



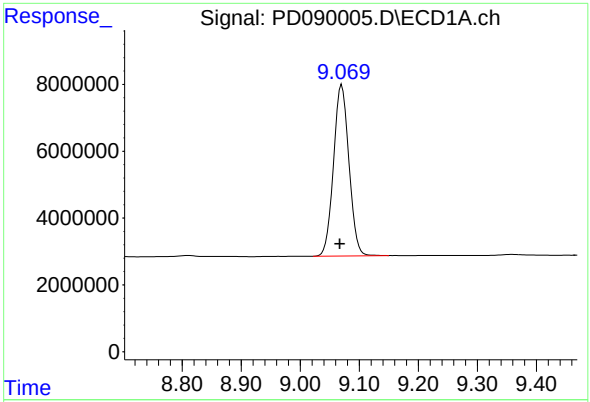
#27 Chlordane-5

R.T.: 6.872 min
Delta R.T.: 0.005 min
Response: 214876
Conc: 1.53 ng/ml



#27 Chlordane-5

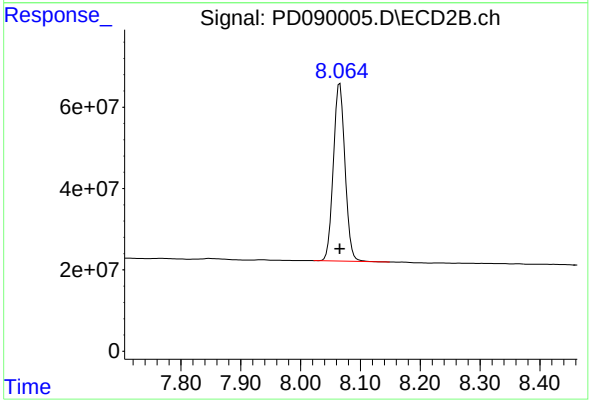
R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 4395987
Conc: 4.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 92909771
Conc: 21.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 591522490
Conc: 22.85 ng/ml