Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
Data File : PD090386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 10:54
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: Sep 26 05:44:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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...	3.547	2.876	51917369	432.1E6	15.972	15.740	
28)	SA Decachlor...	9.067	8.063	81088321	559.7E6	16.806	17.266	
	Target Compounds							
2)	A alpha-BHC	3.996	3.388	47001256	354.0E6	6.729	8.085	
3)	MA gamma-BHC...	4.327	3.724	46503416	332.7E6	7.028	8.167	
4)	MA Heptachlor	4.950f	4.076	4026346	31877007	0.609	0.783	#
5)	MB Aldrin	0.000	4.358	0	2084301	N.D.	0.052	#
6)	B beta-BHC	4.513	4.020	19823610	217.1E6	7.684	12.526	#
7)	B delta-BHC	4.772	4.262	1968399	441368	0.305	0.011	#
8)	B Heptachlo...	5.679	4.867	2702201	2475488	0.473	0.067	#
9)	A Endosulfan I	0.000	5.220f	0	5287816	N.D.	0.153	#
10)	B gamma-Chl...	0.000	5.117	0	4510053	N.D.	0.115	#
11)	B alpha-Chl...	0.000	5.186	0	4650816	N.D.	0.123	#
12)	B 4,4'-DDE	6.196	5.369	428980	1639420	0.082	0.043	#
13)	MA Dieldrin	0.000	5.505	0	733449	N.D.	0.019	#
14)	MA Endrin	6.570	5.782	179.7E6	1373.3E6	36.720	38.326	
15)	B Endosulfa...	6.803f	6.081	2970668	1916842	0.609	0.057	#
16)	A 4,4'-DDD	6.702	5.923	6181539	28878372	1.508	0.891	#
17)	MA 4,4'-DDT	7.017	6.175	320.8E6	2549.1E6	72.060	74.147	
18)	B Endrin al...	6.912	6.249	2064406	17346216	0.602	0.737	
19)	B Endosulfa...	0.000	6.470	0	1969954	N.D.	0.060	#
20)	A Methoxychlor	7.490	6.746	394.8E6	2636.3E6	167.532	151.508	
21)	B Endrin ke...	7.627	6.982	3931081	22204883	0.795	0.615	
22)	Mirex	0.000	7.168	0	5281345	N.D.	0.191	#
23)	Chlordane-1	0.000	3.929f	0	6608467	N.D.	5.491	#
24)	Chlordane-2	0.000	4.481	0	4627872	N.D.	3.701	#
25)	Chlordane-3	0.000	5.117	0	4510053	N.D.	1.190	#
26)	Chlordane-4	0.000	5.186	0	4650816	N.D.	1.428	#
27)	Chlordane-5	6.873	6.081	1103299	1916842	6.197	1.263	#

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

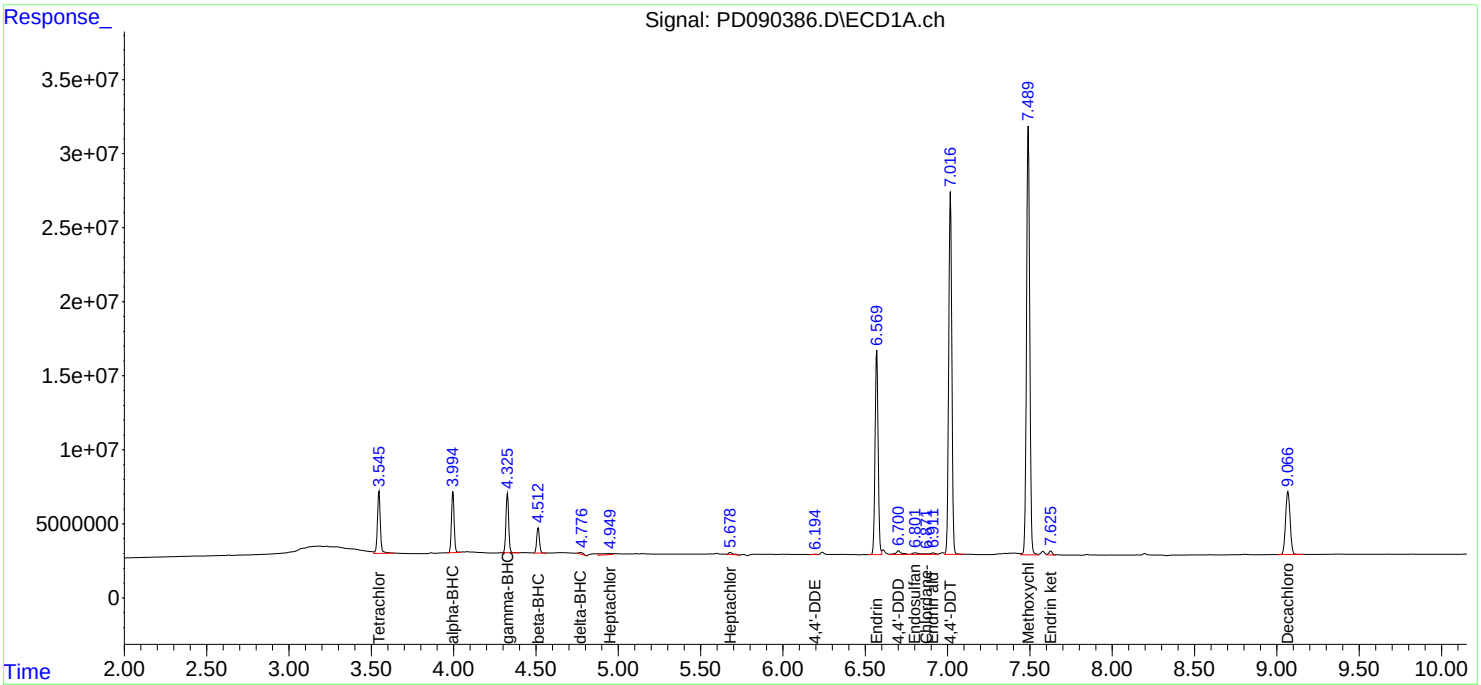
Quantitation Report (Not Reviewed)

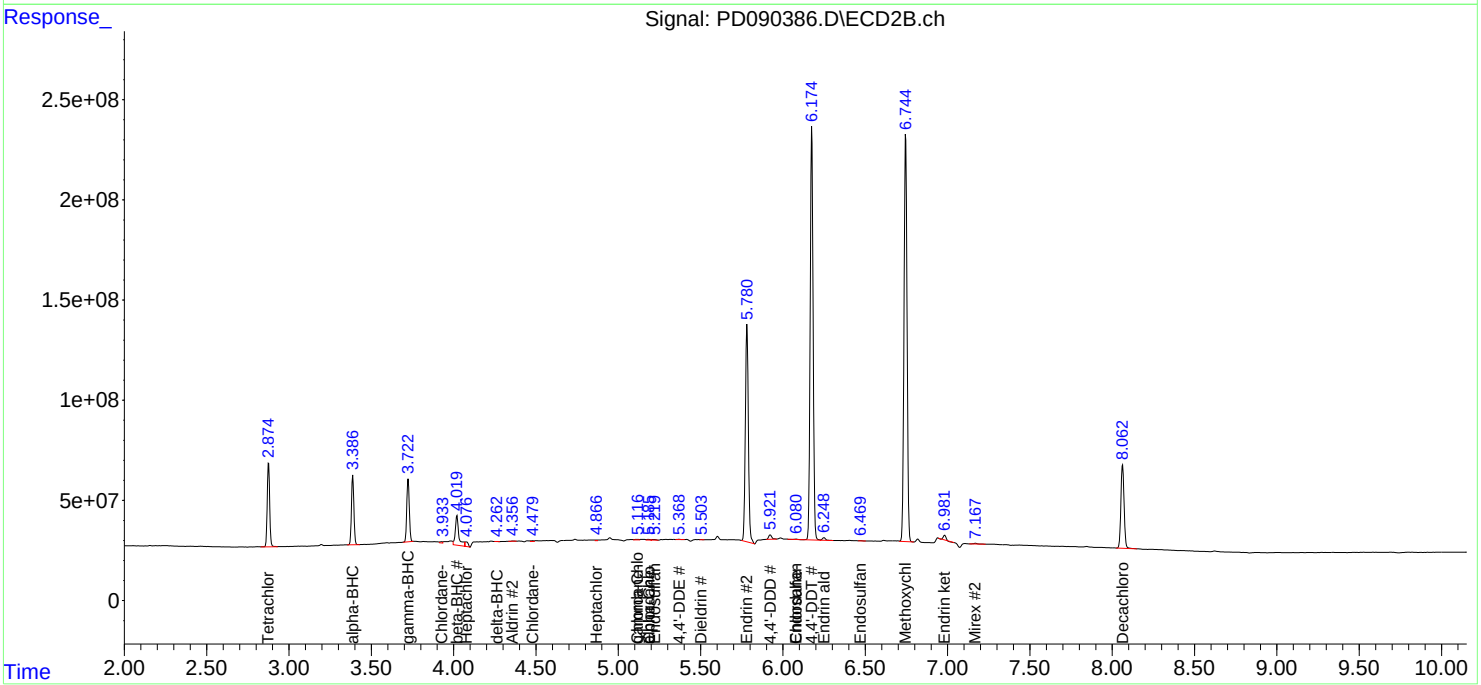
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
Data File : PD090386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 10:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

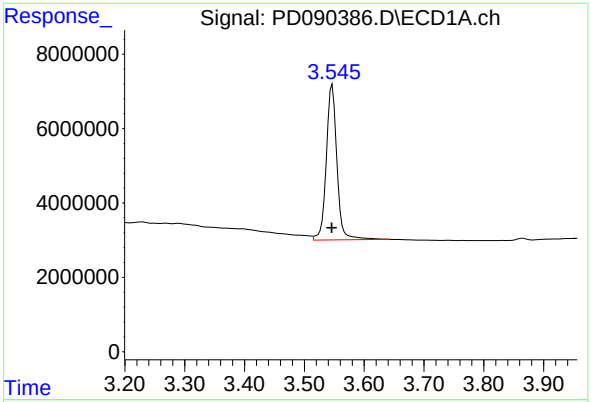
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 05:44:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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



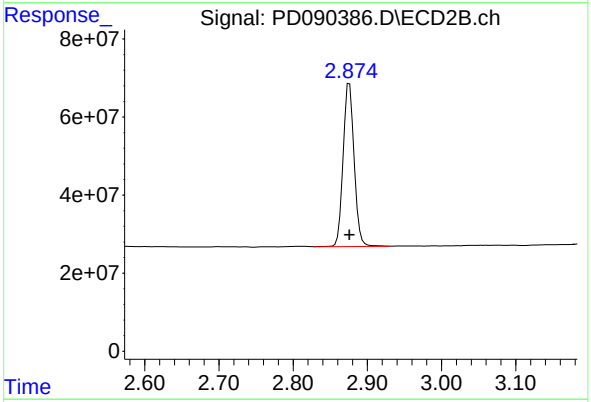




#1 Tetrachloro-m-xylene

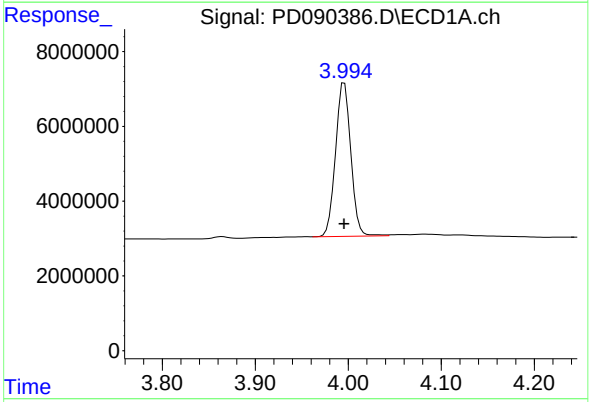
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 51917369
Conc: 15.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



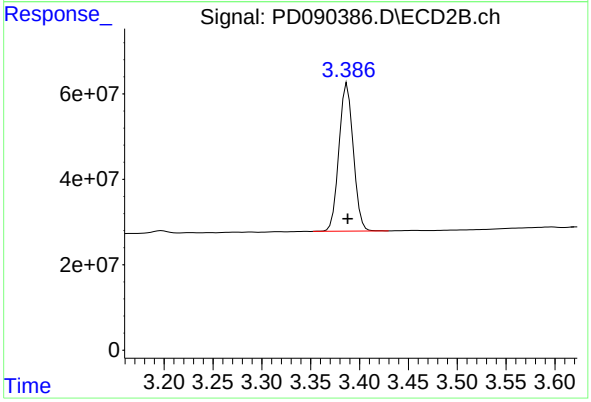
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 432056221
Conc: 15.74 ng/ml



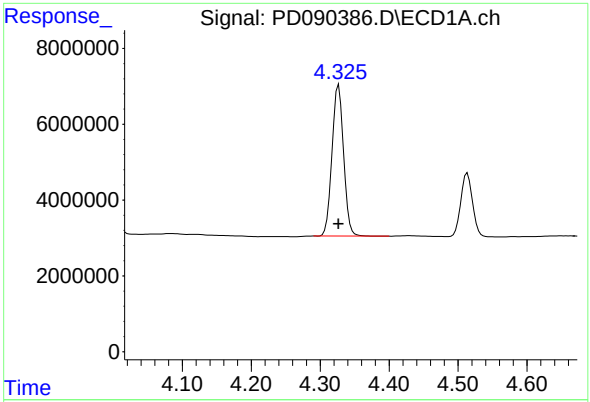
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 47001256
Conc: 6.73 ng/ml



#2 alpha-BHC

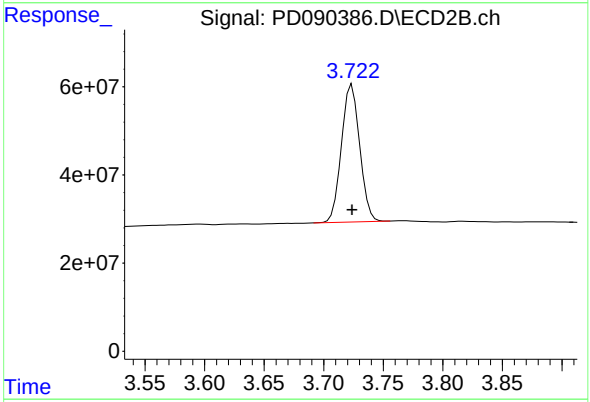
R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 353997558
Conc: 8.09 ng/ml



#3 gamma-BHC (Lindane)

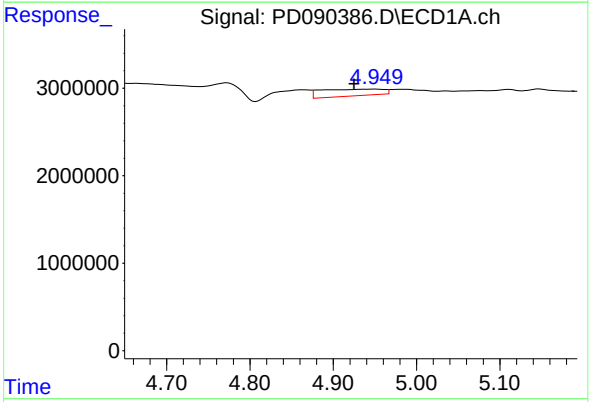
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 46503416
Conc: 7.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



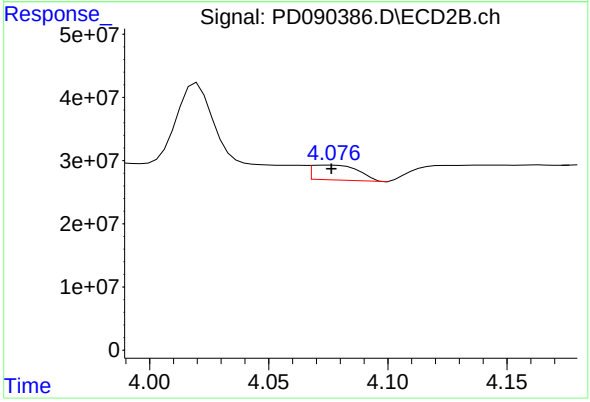
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 332690312
Conc: 8.17 ng/ml



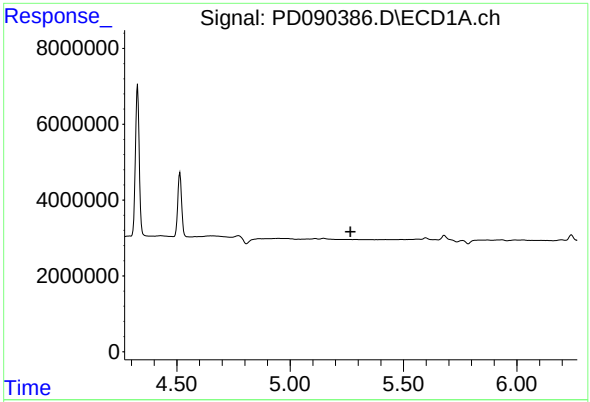
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.024 min
Response: 4026346
Conc: 0.61 ng/ml



#4 Heptachlor

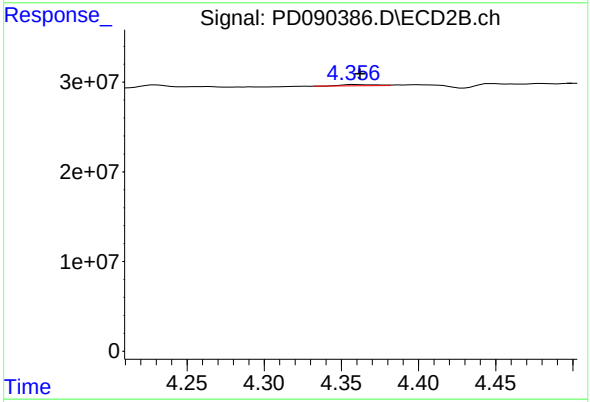
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 31877007
Conc: 0.78 ng/ml



#5 Aldrin

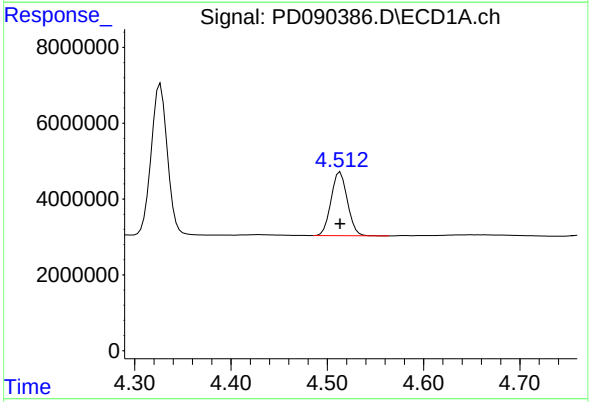
R.T.: 0.000 min
Exp R.T. : 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



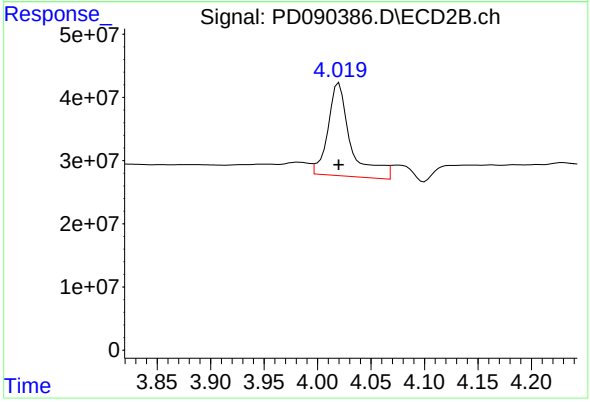
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.004 min
Response: 2084301
Conc: 0.05 ng/ml



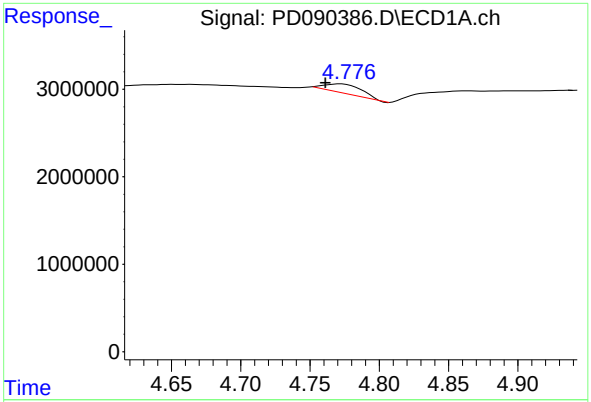
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 19823610
Conc: 7.68 ng/ml



#6 beta-BHC

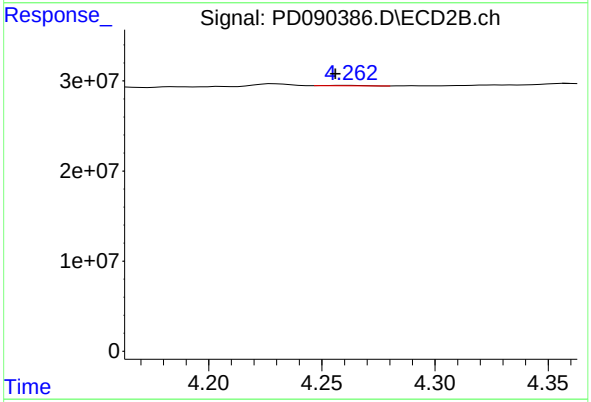
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 217147766
Conc: 12.53 ng/ml



#7 delta-BHC

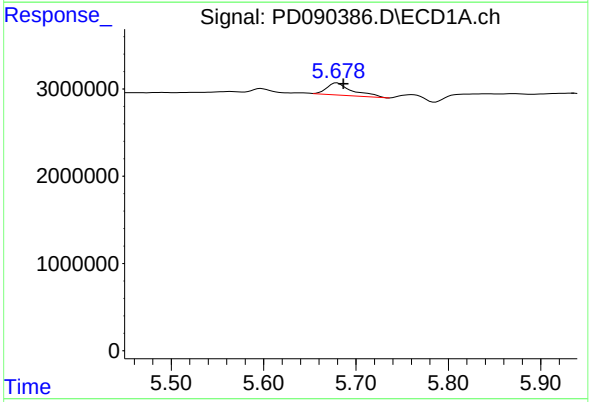
R.T.: 4.772 min
Delta R.T.: 0.011 min
Response: 1968399
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



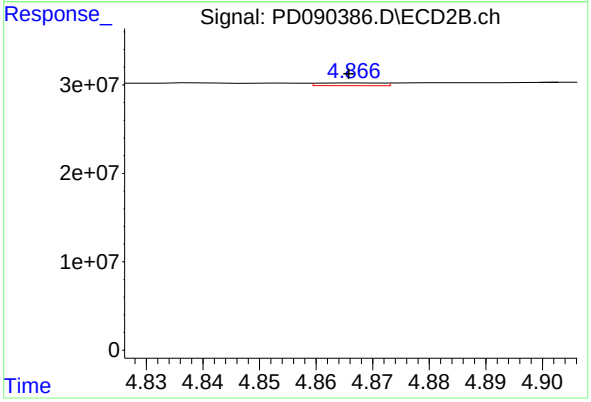
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.006 min
Response: 441368
Conc: 0.01 ng/ml



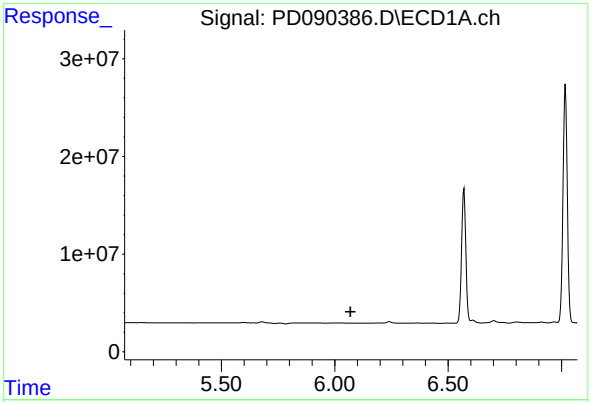
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.007 min
Response: 2702201
Conc: 0.47 ng/ml



#8 Heptachlor epoxide

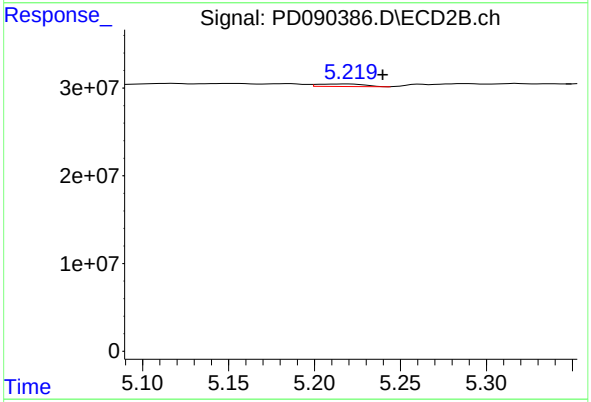
R.T.: 4.867 min
Delta R.T.: 0.002 min
Response: 2475488
Conc: 0.07 ng/ml



#9 Endosulfan I

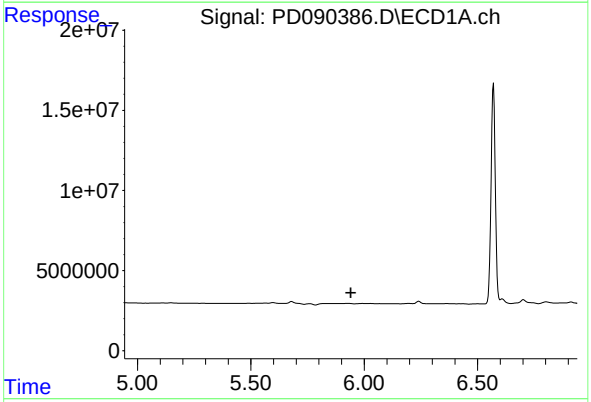
R.T.: 0.000 min
Exp R.T. : 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



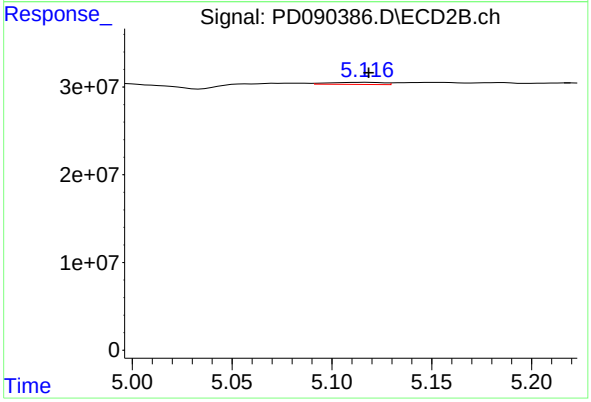
#9 Endosulfan I

R.T.: 5.220 min
Delta R.T.: -0.020 min
Response: 5287816
Conc: 0.15 ng/ml



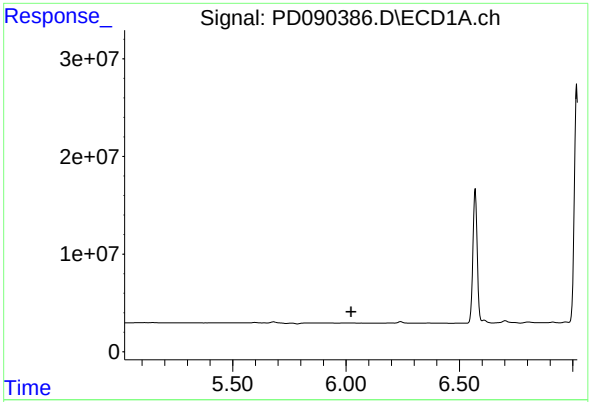
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.942 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

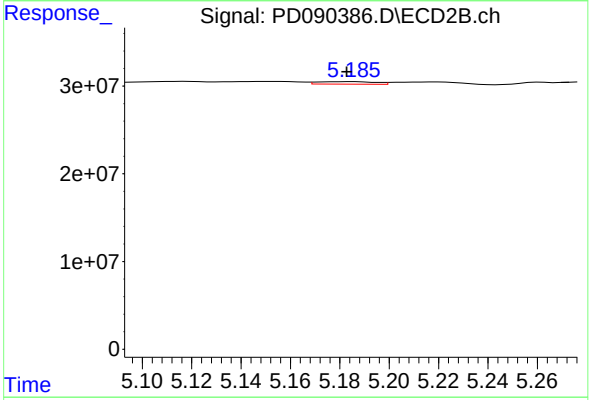
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 4510053
Conc: 0.11 ng/ml



#11 alpha-Chlordane

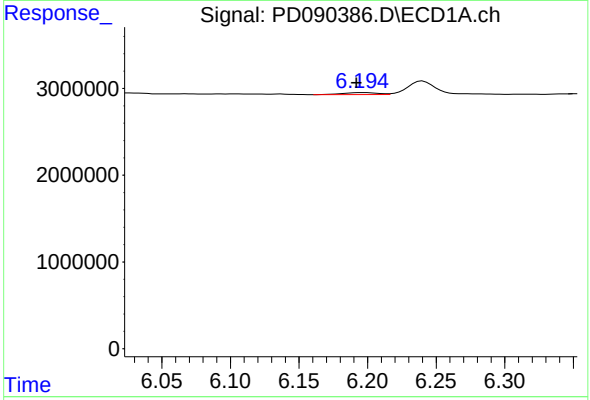
R.T.: 0.000 min
Exp R.T. : 6.022 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



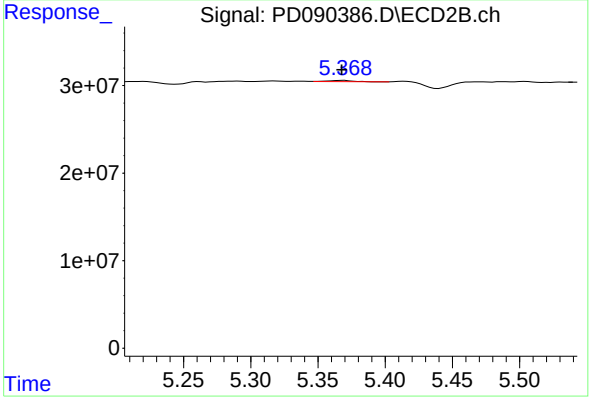
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.003 min
Response: 4650816
Conc: 0.12 ng/ml



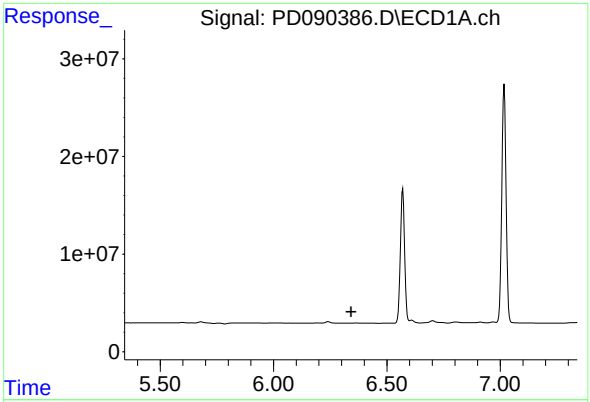
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.004 min
Response: 428980
Conc: 0.08 ng/ml



#12 4,4'-DDE

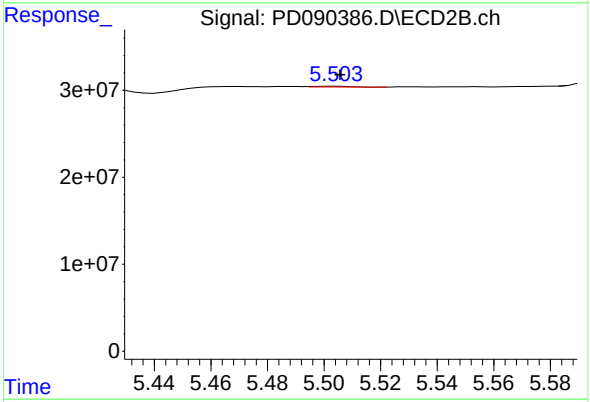
R.T.: 5.369 min
Delta R.T.: 0.002 min
Response: 1639420
Conc: 0.04 ng/ml



#13 Dieldrin

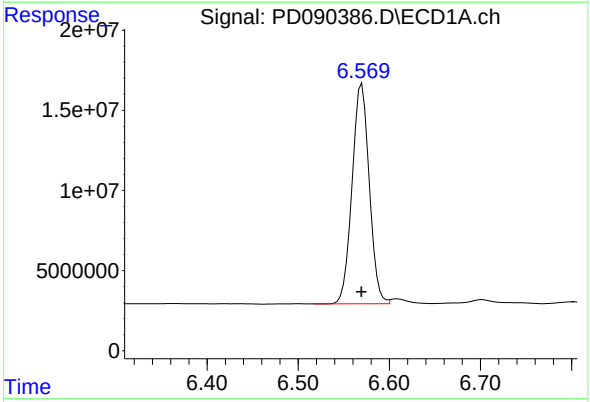
R.T.: 0.000 min
Exp R.T. : 6.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



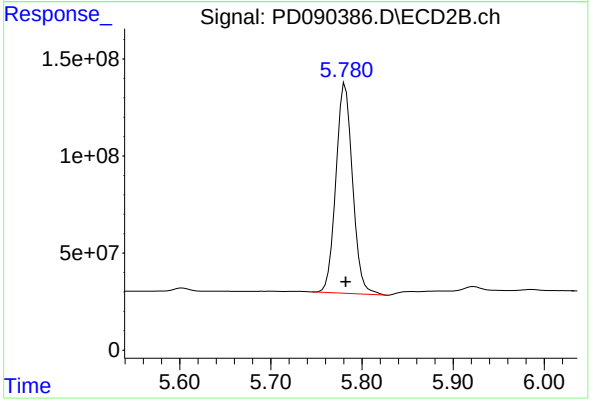
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 733449
Conc: 0.02 ng/ml



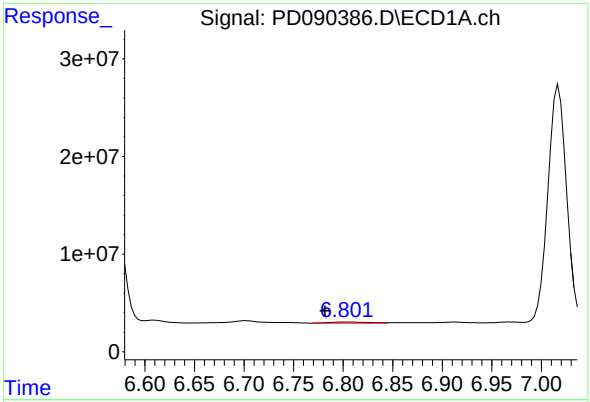
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 179707258
Conc: 36.72 ng/ml



#14 Endrin

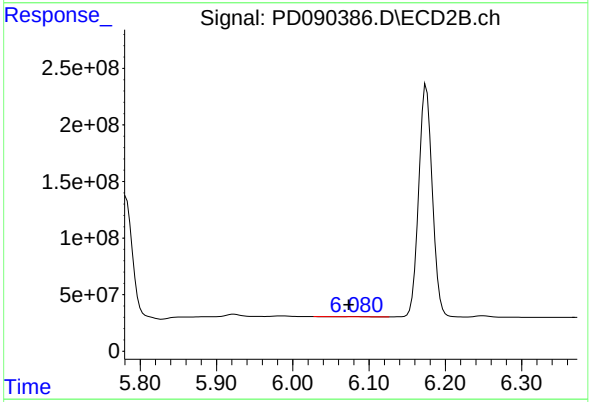
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1373314360
Conc: 38.33 ng/ml



#15 Endosulfan II

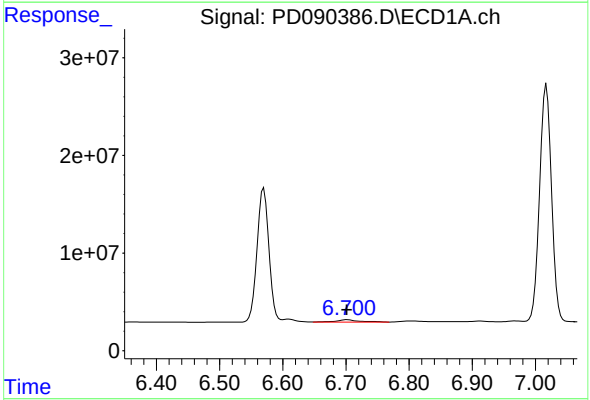
R.T.: 6.803 min
Delta R.T.: 0.021 min
Response: 2970668
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



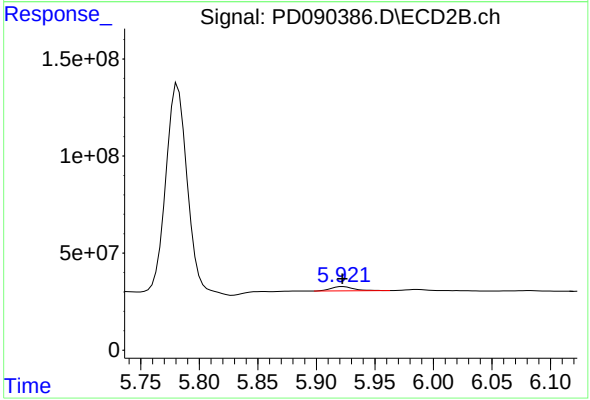
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.008 min
Response: 1916842
Conc: 0.06 ng/ml



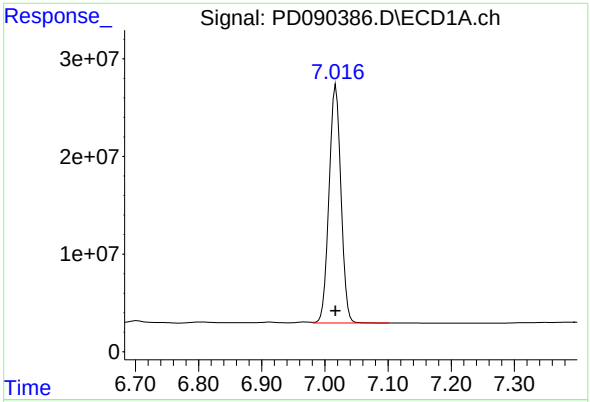
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 6181539
Conc: 1.51 ng/ml



#16 4,4'-DDD

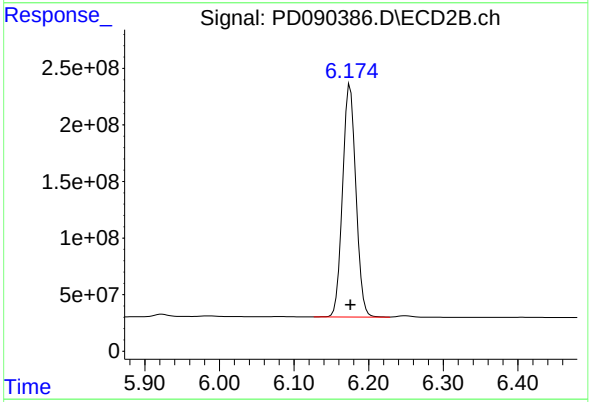
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 28878372
Conc: 0.89 ng/ml



#17 4,4'-DDT

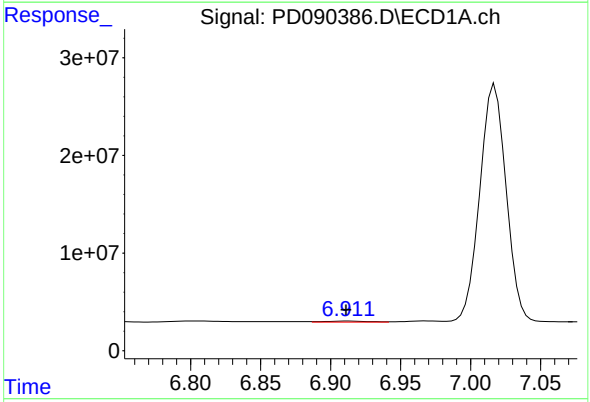
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 320845738
Conc: 72.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



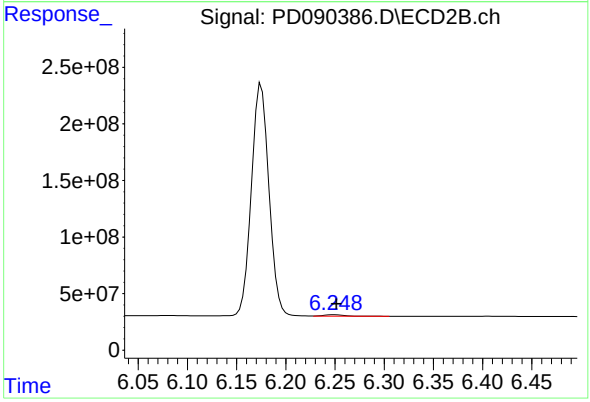
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 2549091197
Conc: 74.15 ng/ml



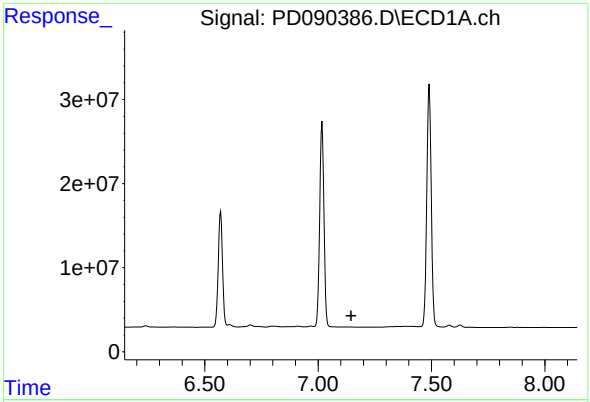
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.001 min
Response: 2064406
Conc: 0.60 ng/ml



#18 Endrin aldehyde

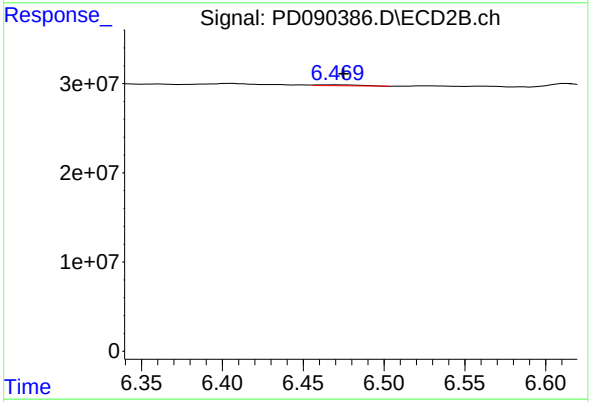
R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 17346216
Conc: 0.74 ng/ml



#19 Endosulfan Sulfate

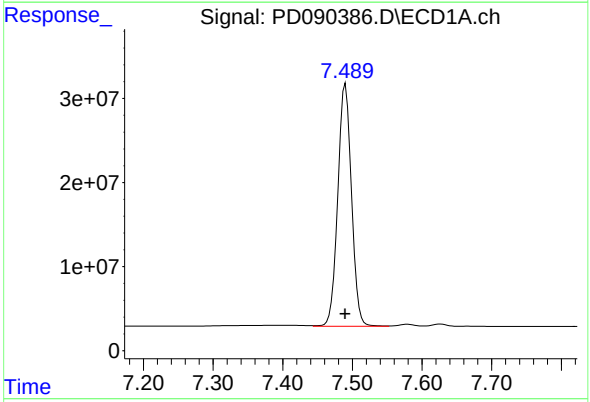
R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



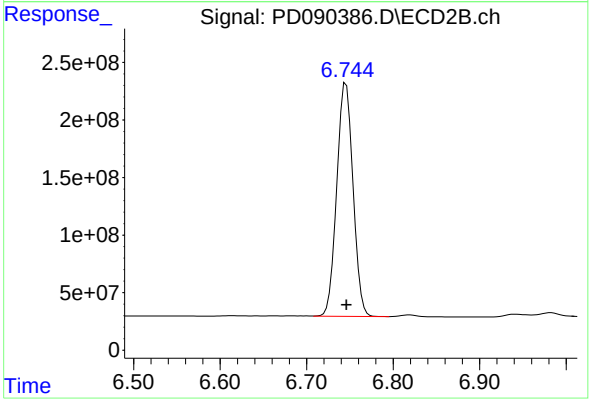
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.005 min
Response: 1969954
Conc: 0.06 ng/ml



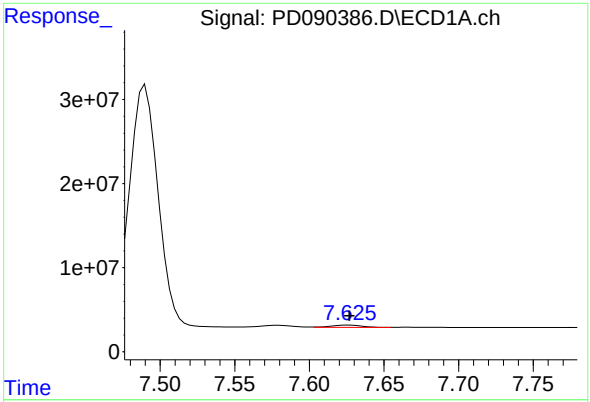
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 394791162
Conc: 167.53 ng/ml



#20 Methoxychlor

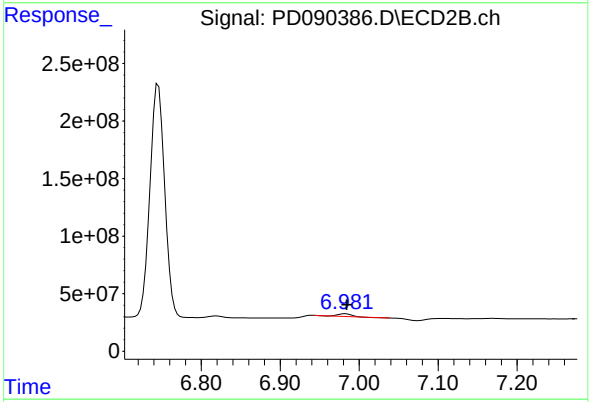
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 2636291934
Conc: 151.51 ng/ml



#21 Endrin ketone

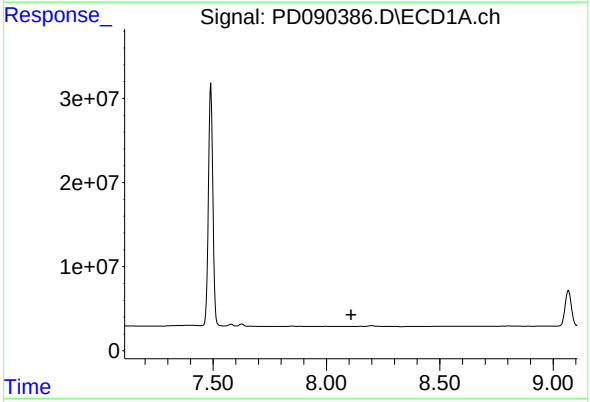
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 3931081
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



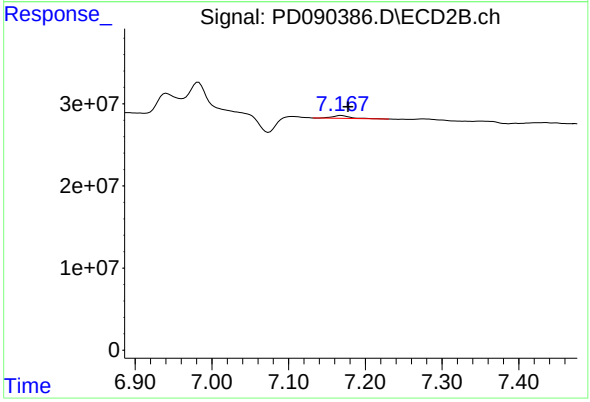
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 22204883
Conc: 0.62 ng/ml



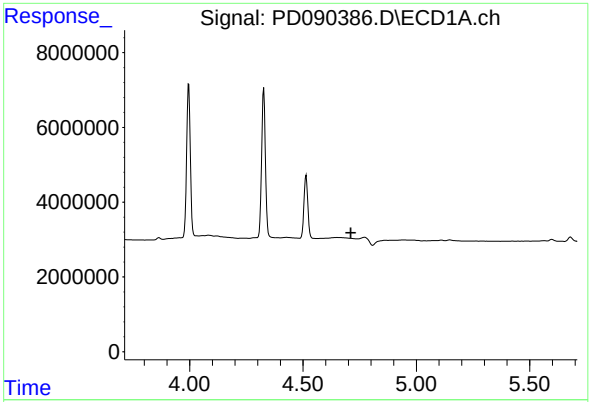
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#22 Mirex

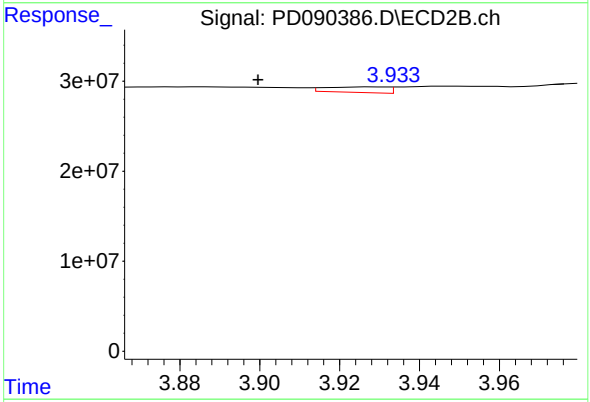
R.T.: 7.168 min
Delta R.T.: -0.009 min
Response: 5281345
Conc: 0.19 ng/ml



#23 Chlordane-1

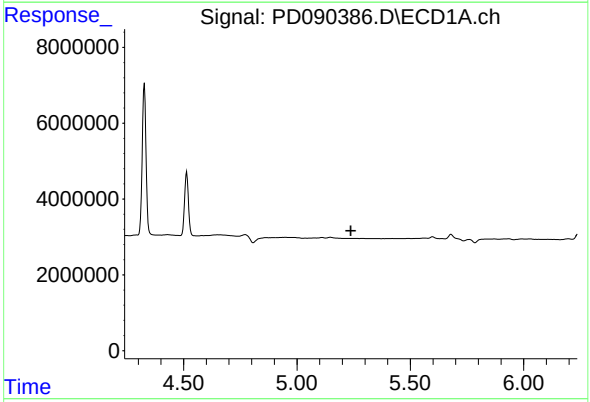
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



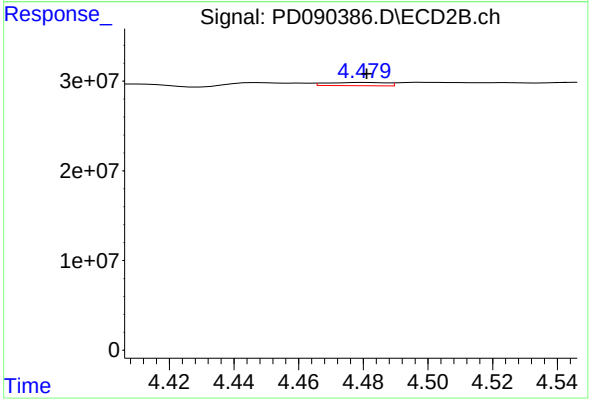
#23 Chlordane-1

R.T.: 3.929 min
Delta R.T.: 0.029 min
Response: 6608467
Conc: 5.49 ng/ml



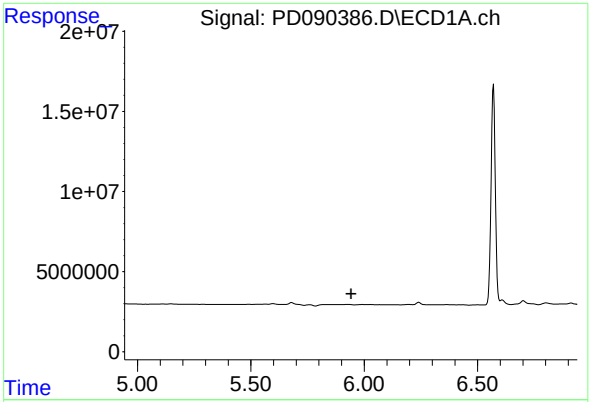
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.237 min
Response: 0
Conc: N.D.



#24 Chlordane-2

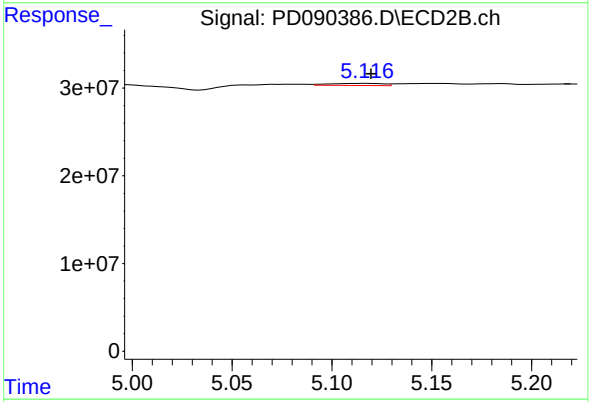
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 4627872
Conc: 3.70 ng/ml



#25 Chlordane-3

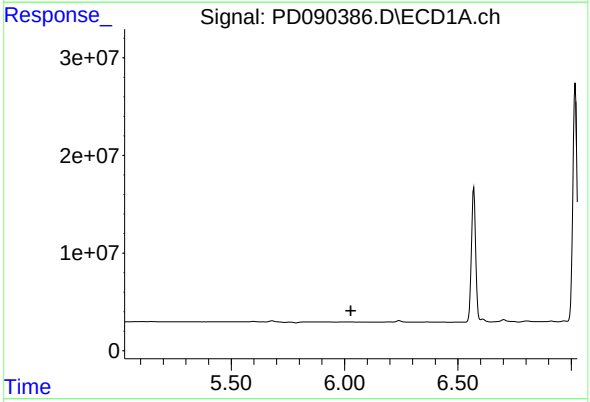
R.T.: 0.000 min
Exp R.T. : 5.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



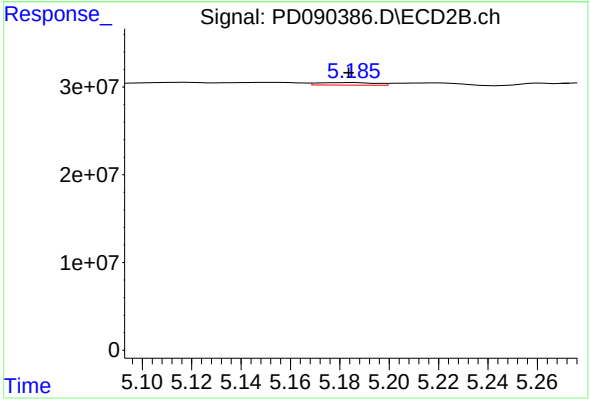
#25 Chlordane-3

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 4510053
Conc: 1.19 ng/ml



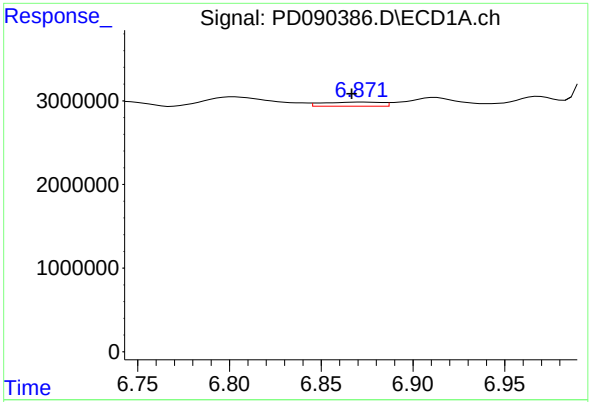
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.027 min
Response: 0
Conc: N.D.



#26 Chlordane-4

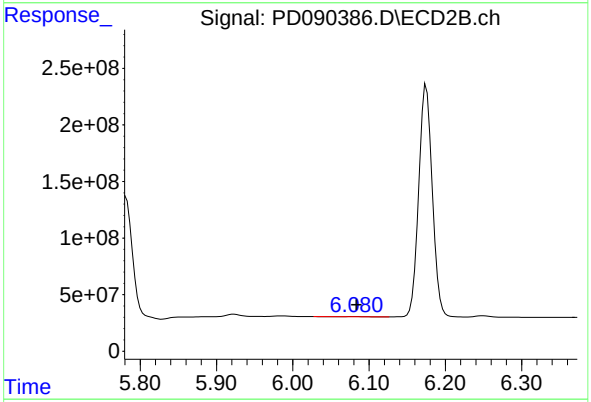
R.T.: 5.186 min
Delta R.T.: 0.002 min
Response: 4650816
Conc: 1.43 ng/ml



#27 Chlordane-5

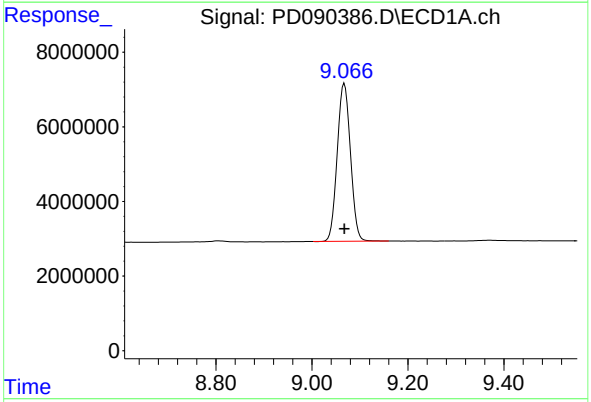
R.T.: 6.873 min
Delta R.T.: 0.006 min
Response: 1103299
Conc: 6.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



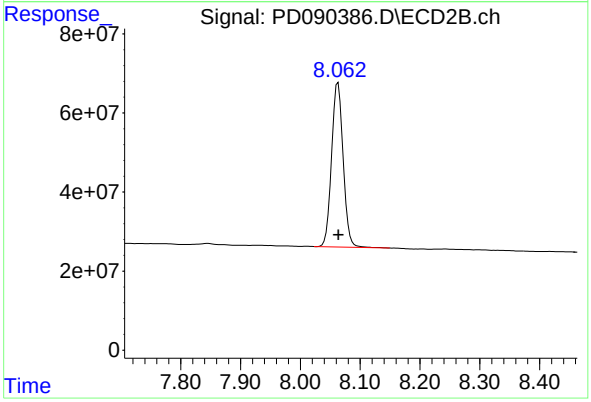
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 1916842
Conc: 1.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 81088321
Conc: 16.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 559683868
Conc: 17.27 ng/ml