Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 23:51
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 01:56:07 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...	3.549	2.879	44477630	364.3E6	18.032	23.000	#
28)	SA Decachlor...	9.067	8.067	68298764	403.7E6	18.378	20.105	
	Target Compounds							
2)	A alpha-BHC	3.997	3.391	42211292	305.6E6	8.521	12.573	#
3)	MA gamma-BHC...	4.328	3.727	42203162	277.3E6	8.880	12.312	#
4)	MA Heptachlor	4.951f	4.078	441149	2269854	0.092	0.098	
5)	MB Aldrin	5.259	4.361	289933	1295298	0.064	0.058	
6)	B beta-BHC	4.514	4.023	17897838	119.0E6	9.702	12.337	#
7)	B delta-BHC	4.773	4.264	1360350	1345044	0.297	0.059	#
8)	B Heptachlo...	5.680	4.871	5516582	4311520	1.320	0.210	#
9)	A Endosulfan I	6.103f	5.224f	93908	17229166	0.024	0.881	#
10)	B gamma-Chl...	5.941	5.123	321953	35781011	0.077	1.652	#
11)	B alpha-Chl...	6.028	5.185	439471	38518686	0.105	1.850	#
12)	B 4,4'-DDE	6.192	5.374	233891	4649584	0.063	0.220	#
13)	MA Dieldrin	6.364f	5.509	438433	4791040	0.104	0.221	#
14)	MA Endrin	6.571	5.786	157.7E6	1163.1E6	44.080	58.376	#
15)	B Endosulfa...	6.770	6.081	3538208	5467729	0.964	0.291	#
16)	A 4,4'-DDD	6.702	5.926	15353415	34896218	5.127	1.979	#
17)	MA 4,4'-DDT	7.018	6.179	271.5E6	1926.0E6	80.803	104.830	#
18)	B Endrin al...	6.914	6.253	1584941	11948564	0.635	0.925	#
20)	A Methoxychlor	7.490	6.749	339.5E6	2118.7E6	189.860	216.289	
21)	B Endrin ke...	7.627	6.986	2306382	22335974	0.621	1.113	#
22)	Mirex	0.000	7.171	0	6829253	N.D.	0.449	#
23)	Chlordane-1	0.000	3.899	0	1354920	N.D.	1.853	#
24)	Chlordane-2	5.259f	4.483	289933	25889951	1.706	33.871	#
25)	Chlordane-3	5.941	5.123	321953	35781011	0.469	15.461	#
26)	Chlordane-4	6.028	5.185	439471	38518686	0.525	19.361	#
27)	Chlordane-5	6.870	6.081	268189	5467729	1.859	6.044	#

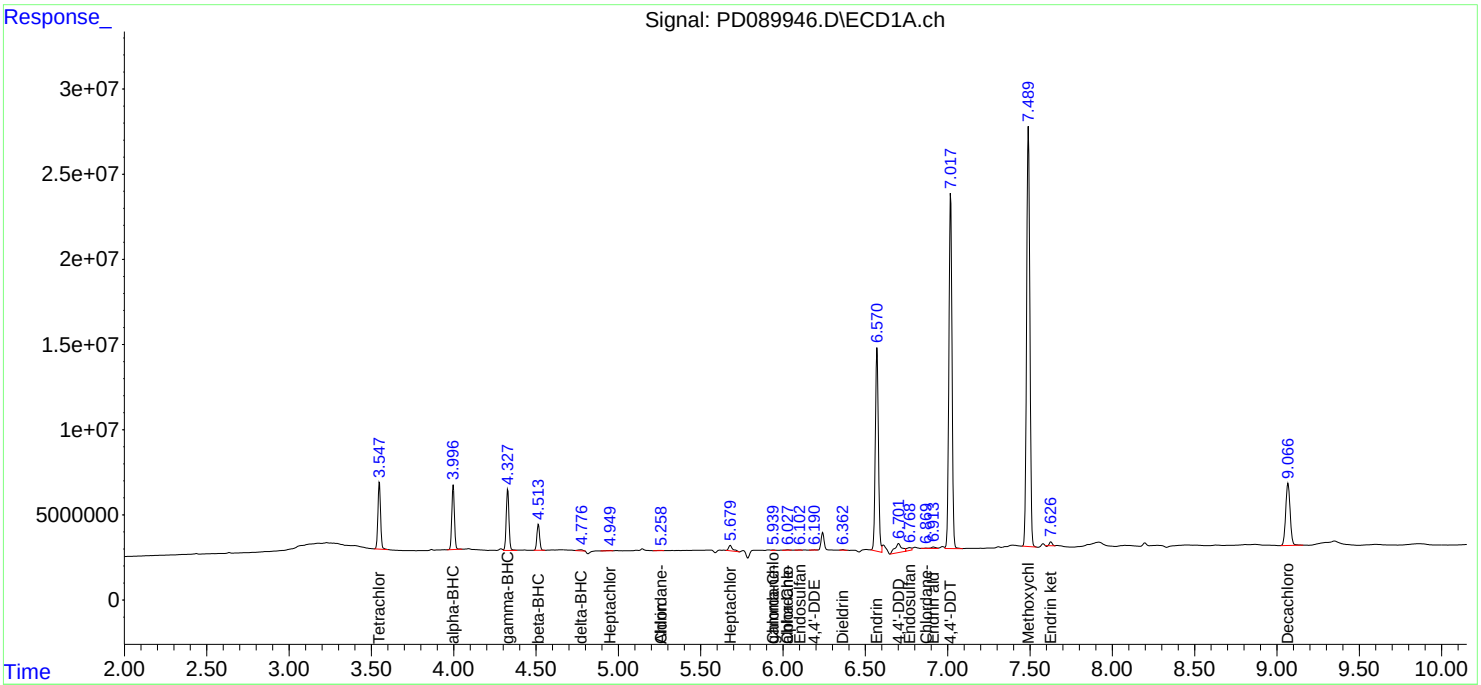
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

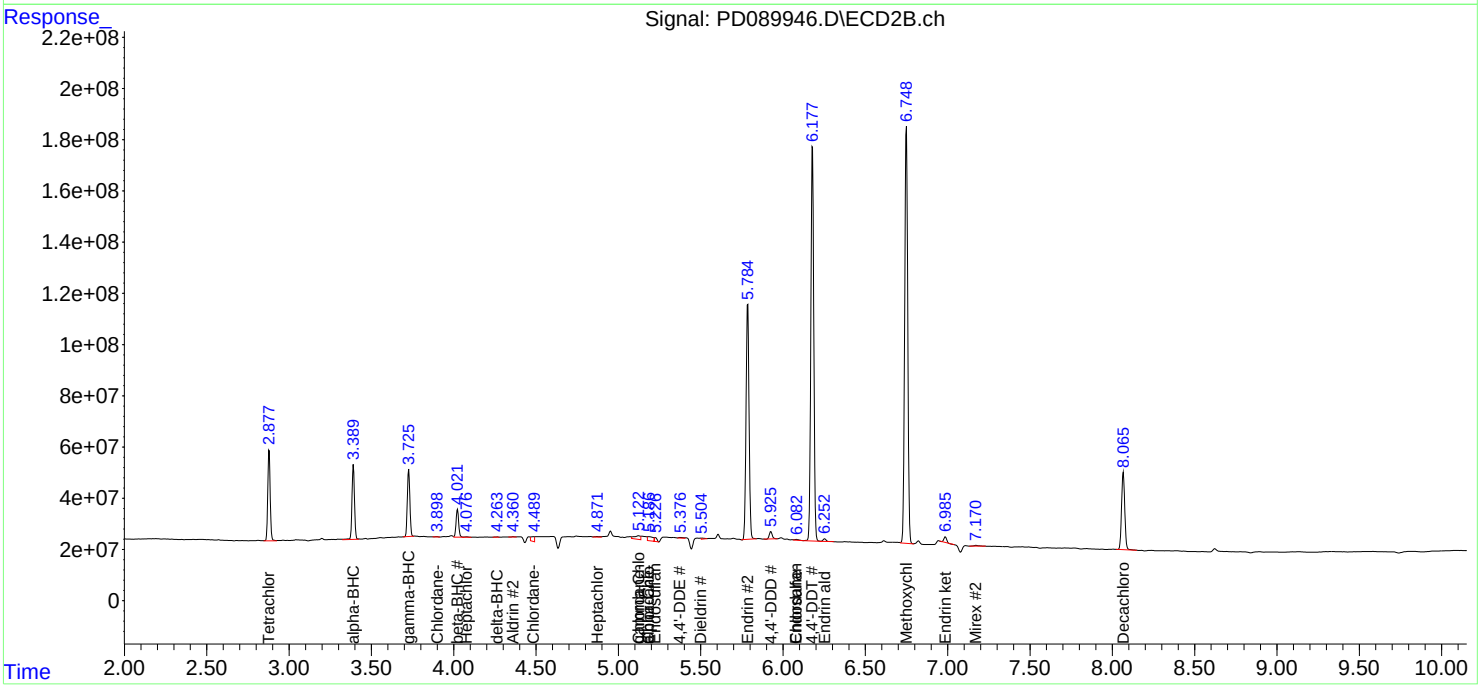
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 23:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

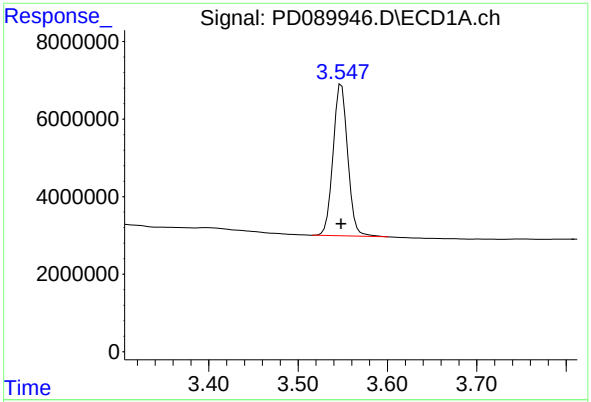
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:56:07 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



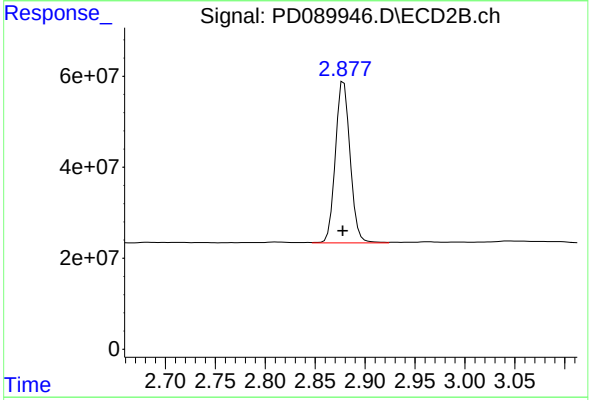




#1 Tetrachloro-m-xylene

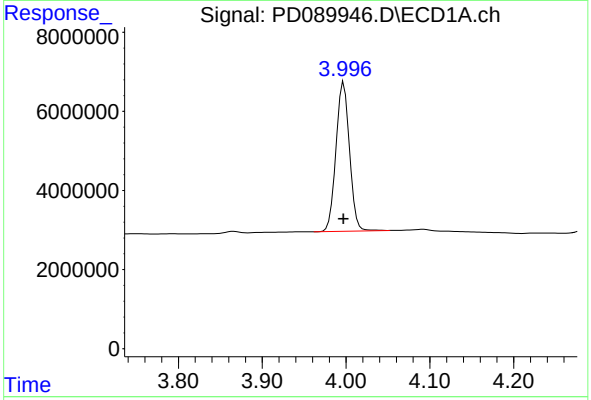
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 44477630
Conc: 18.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



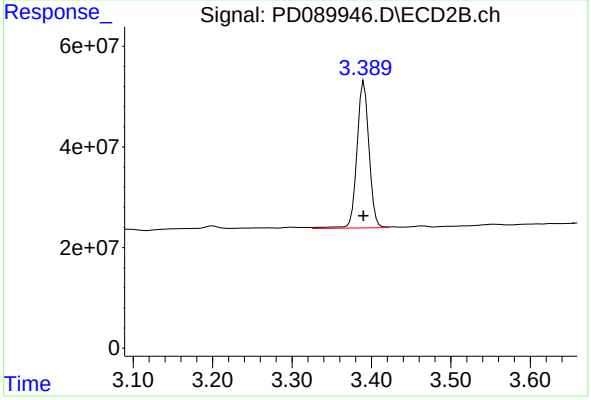
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.001 min
Response: 364269869
Conc: 23.00 ng/ml



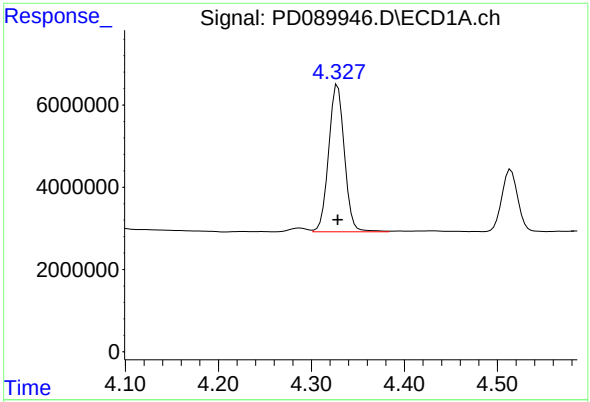
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 42211292
Conc: 8.52 ng/ml



#2 alpha-BHC

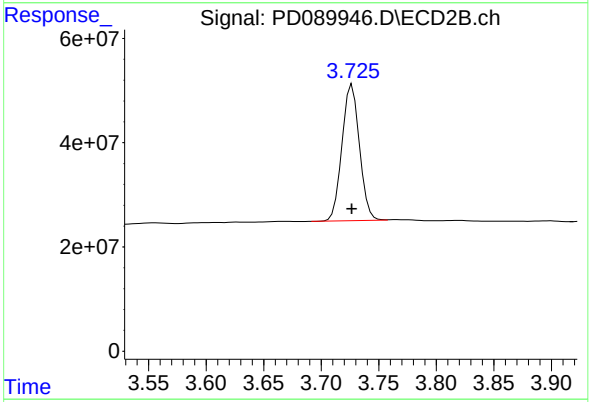
R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 305589260
Conc: 12.57 ng/ml



#3 gamma-BHC (Lindane)

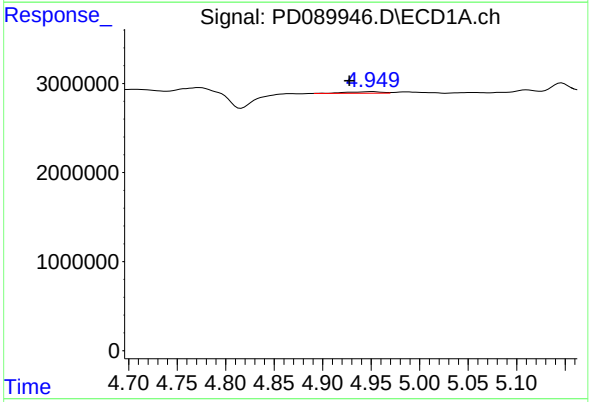
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 42203162
Conc: 8.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



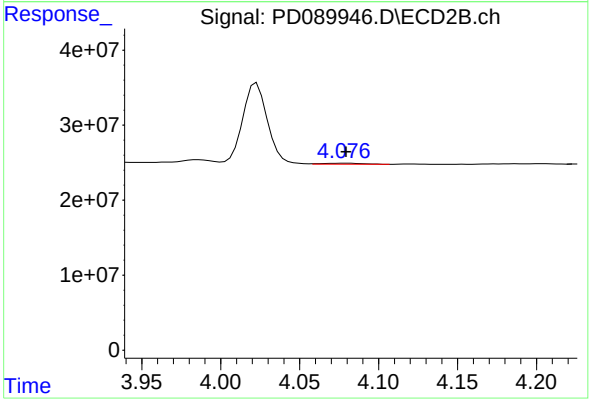
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 277320841
Conc: 12.31 ng/ml



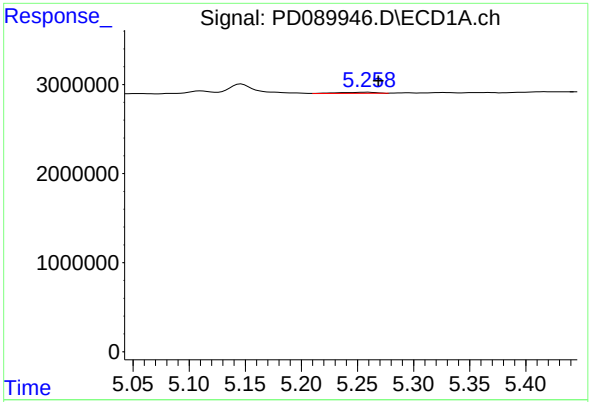
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.023 min
Response: 441149
Conc: 0.09 ng/ml



#4 Heptachlor

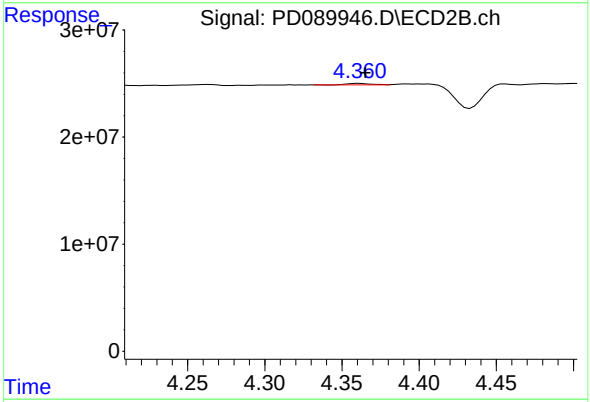
R.T.: 4.078 min
Delta R.T.: -0.001 min
Response: 2269854
Conc: 0.10 ng/ml



#5 Aldrin

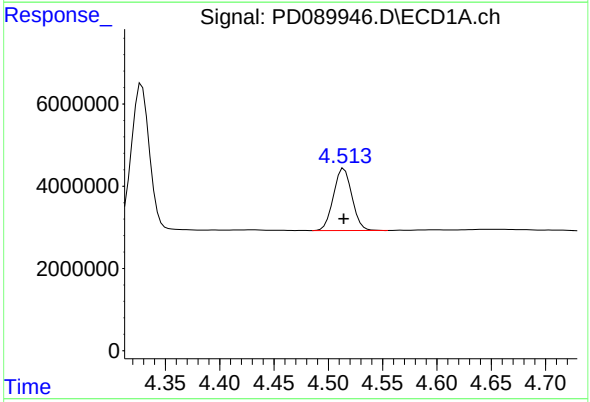
R.T.: 5.259 min
Delta R.T.: -0.010 min
Response: 289933
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



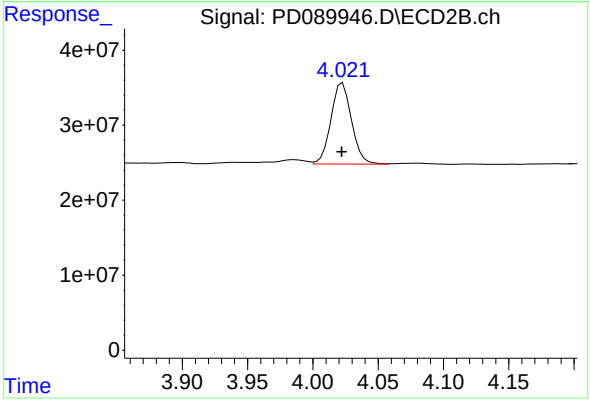
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 1295298
Conc: 0.06 ng/ml



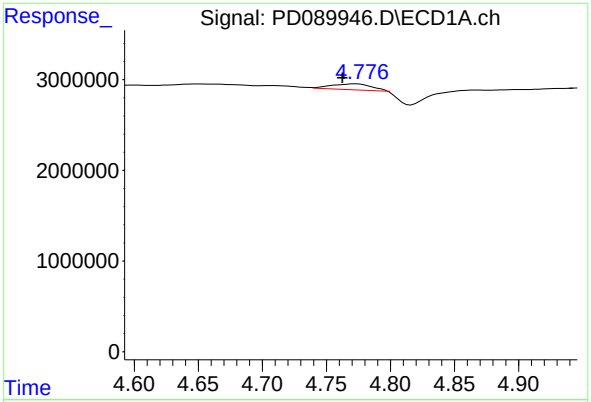
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 17897838
Conc: 9.70 ng/ml



#6 beta-BHC

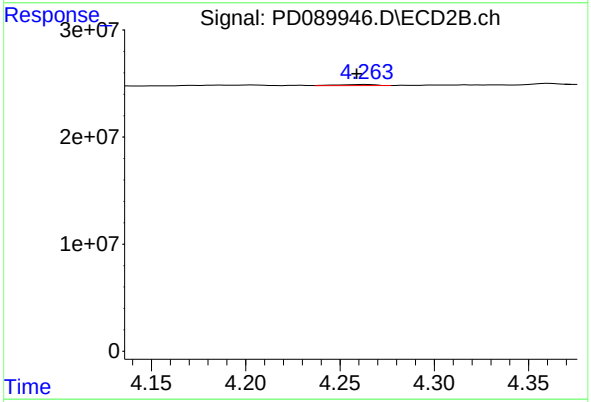
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 119043271
Conc: 12.34 ng/ml



#7 delta-BHC

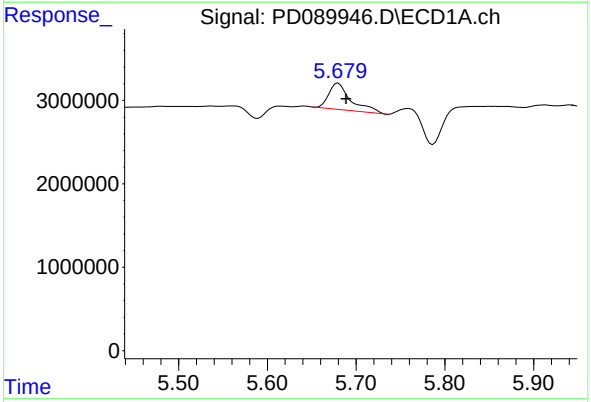
R.T.: 4.773 min
Delta R.T.: 0.010 min
Response: 1360350
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



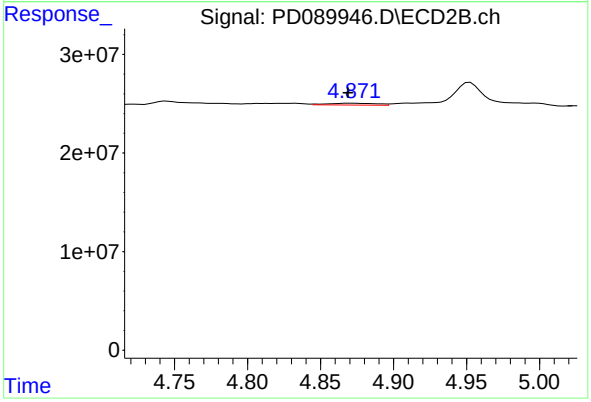
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.005 min
Response: 1345044
Conc: 0.06 ng/ml



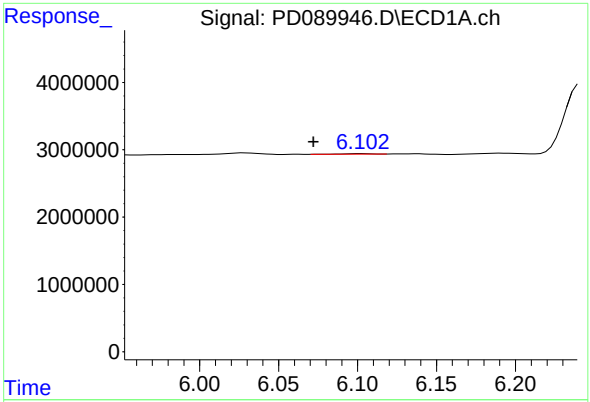
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.009 min
Response: 5516582
Conc: 1.32 ng/ml



#8 Heptachlor epoxide

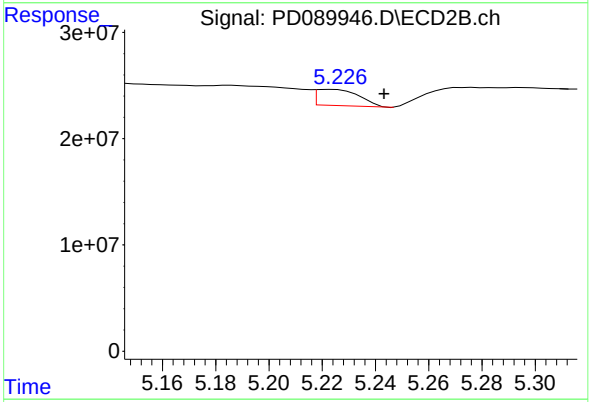
R.T.: 4.871 min
Delta R.T.: 0.002 min
Response: 4311520
Conc: 0.21 ng/ml



#9 Endosulfan I

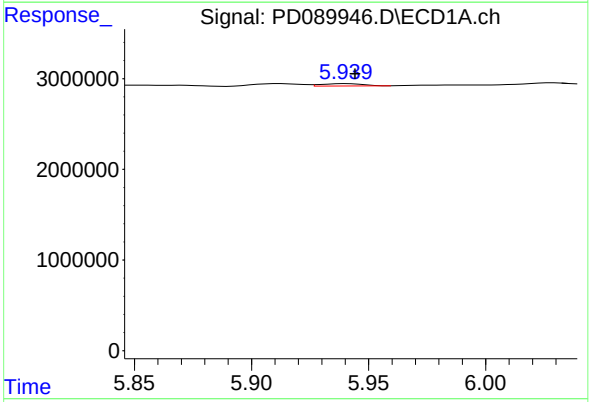
R.T.: 6.103 min
Delta R.T.: 0.031 min
Response: 93908
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



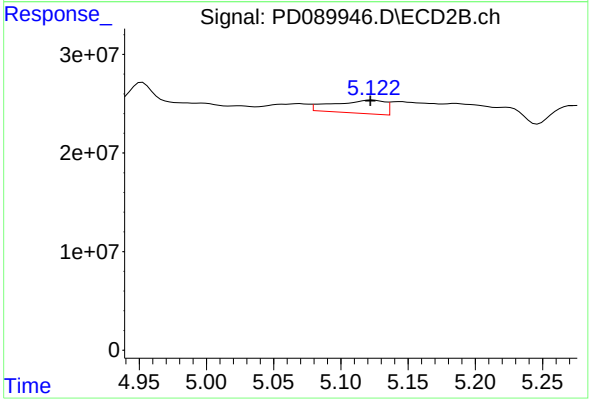
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: -0.020 min
Response: 17229166
Conc: 0.88 ng/ml



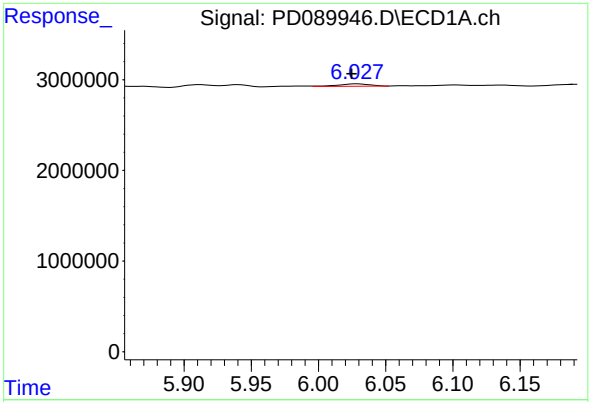
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 321953
Conc: 0.08 ng/ml



#10 gamma-Chlordane

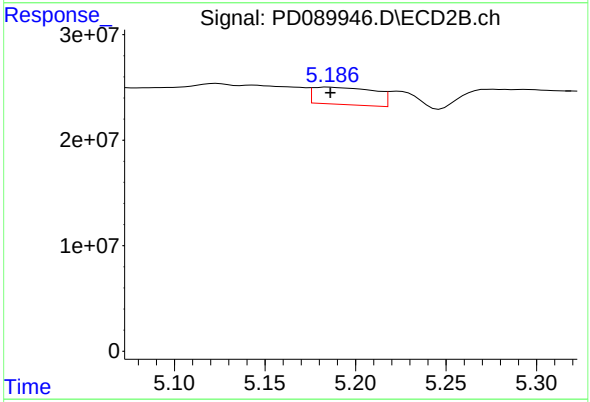
R.T.: 5.123 min
Delta R.T.: 0.001 min
Response: 35781011
Conc: 1.65 ng/ml



#11 alpha-Chlordane

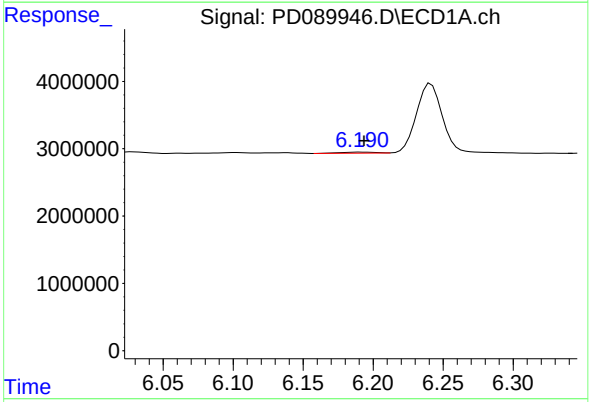
R.T.: 6.028 min
Delta R.T.: 0.004 min
Response: 439471
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



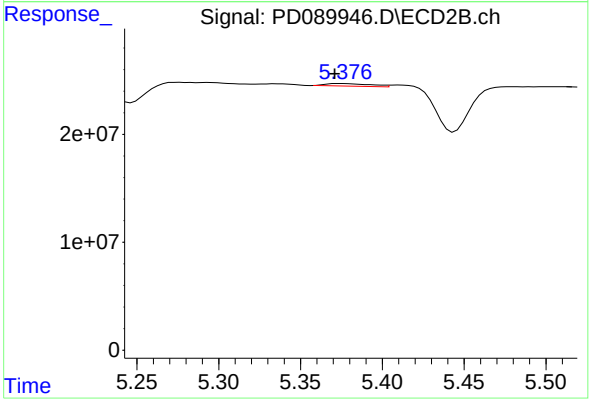
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 38518686
Conc: 1.85 ng/ml



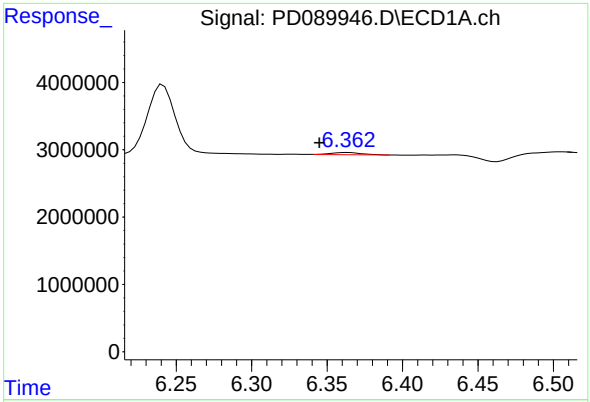
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 233891
Conc: 0.06 ng/ml



#12 4,4'-DDE

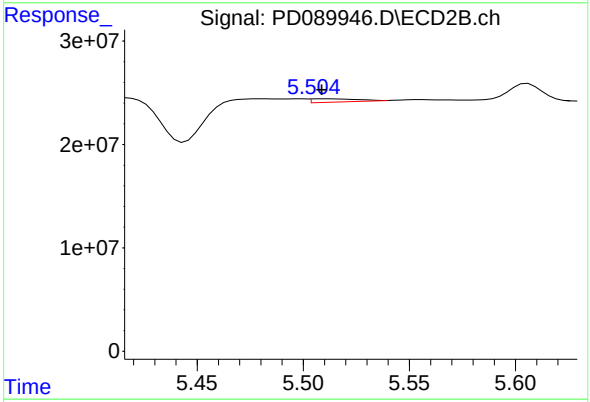
R.T.: 5.374 min
Delta R.T.: 0.003 min
Response: 4649584
Conc: 0.22 ng/ml



#13 Dieldrin

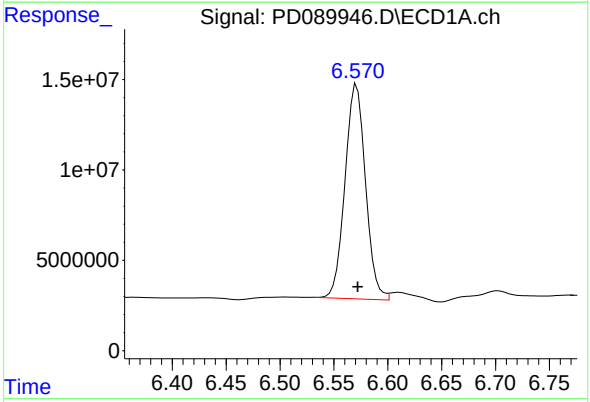
R.T.: 6.364 min
Delta R.T.: 0.018 min
Response: 438433
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



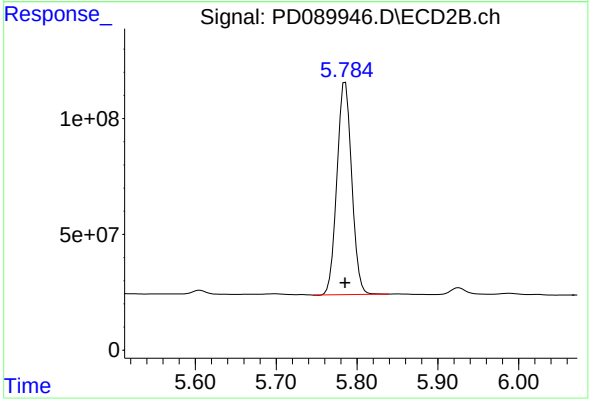
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 4791040
Conc: 0.22 ng/ml



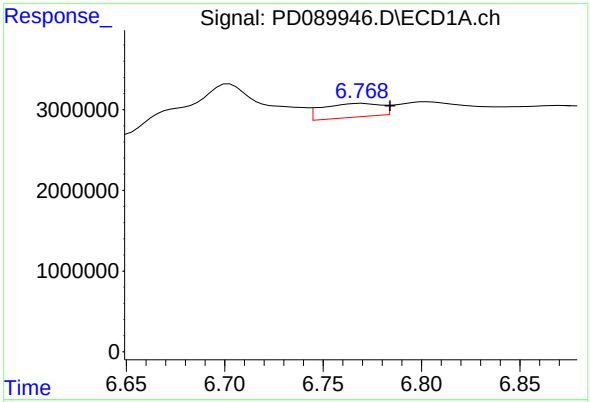
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 157706716
Conc: 44.08 ng/ml



#14 Endrin

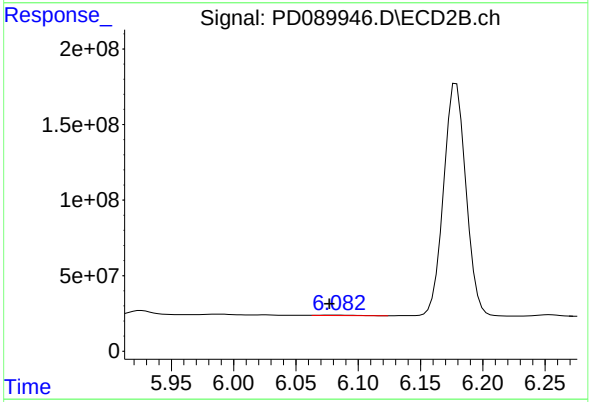
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 1163147660
Conc: 58.38 ng/ml



#15 Endosulfan II

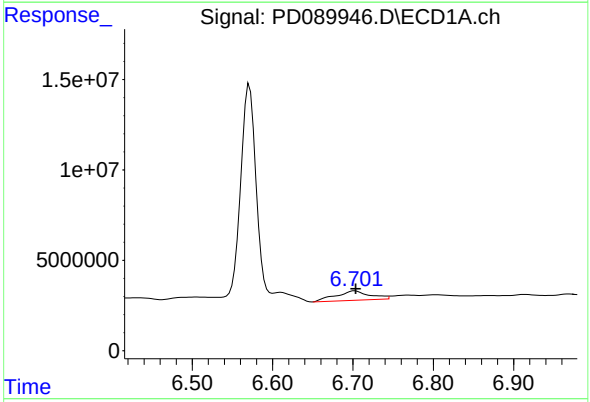
R.T.: 6.770 min
Delta R.T.: -0.014 min
Response: 3538208
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



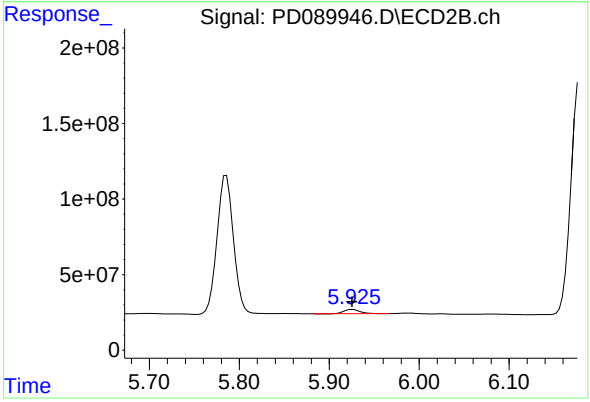
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 5467729
Conc: 0.29 ng/ml



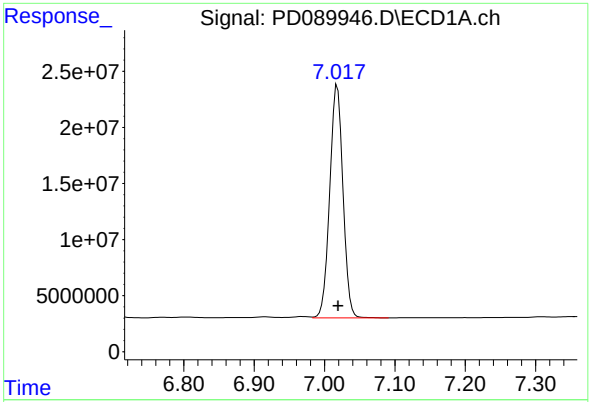
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.001 min
Response: 15353415
Conc: 5.13 ng/ml



#16 4,4'-DDD

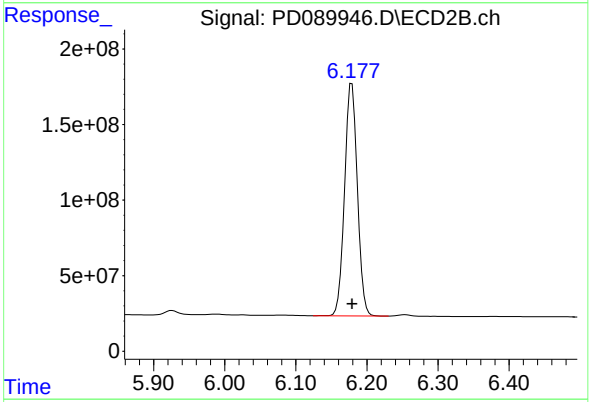
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 34896218
Conc: 1.98 ng/ml



#17 4,4'-DDT

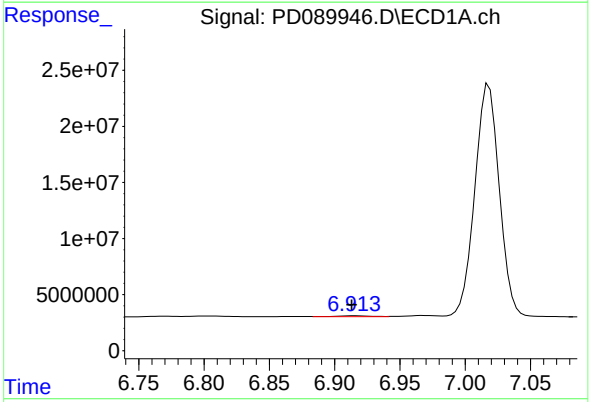
R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 271518888
Conc: 80.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



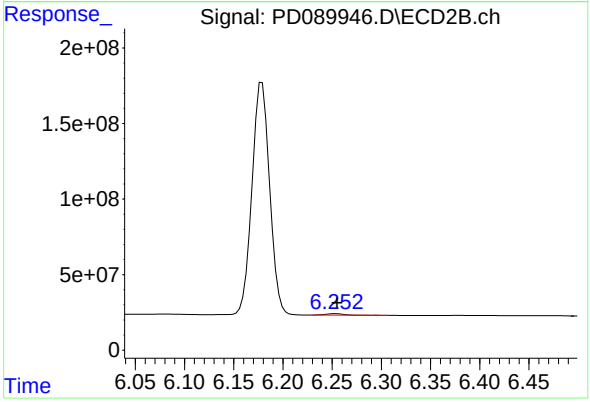
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1926002039
Conc: 104.83 ng/ml



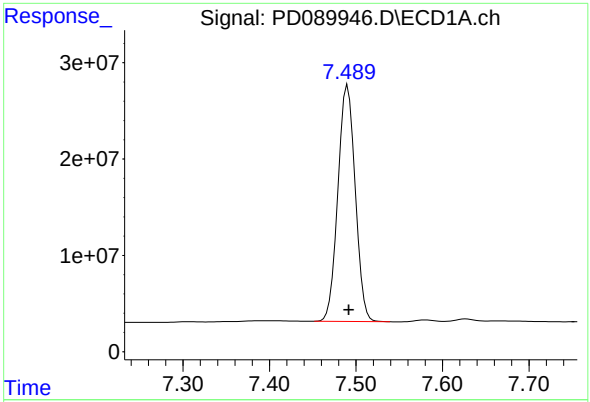
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.001 min
Response: 1584941
Conc: 0.64 ng/ml



#18 Endrin aldehyde

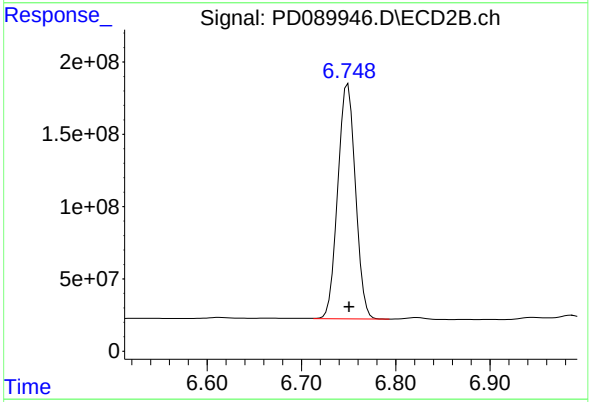
R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 11948564
Conc: 0.92 ng/ml



#20 Methoxychlor

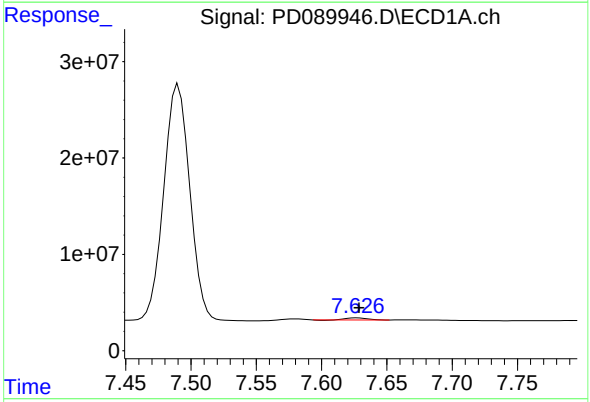
R.T.: 7.490 min
Delta R.T.: -0.001 min
Response: 339464409
Conc: 189.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



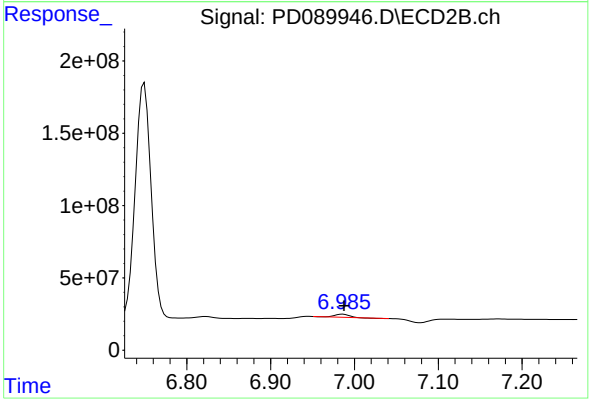
#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 2118658412
Conc: 216.29 ng/ml



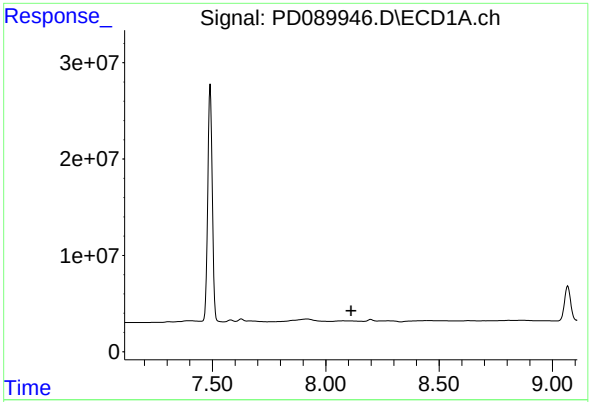
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 2306382
Conc: 0.62 ng/ml



#21 Endrin ketone

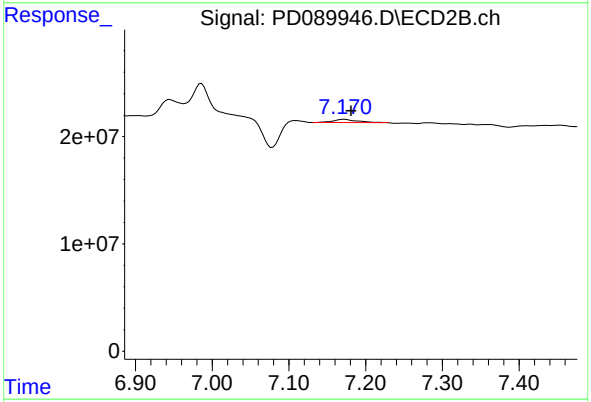
R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 22335974
Conc: 1.11 ng/ml



#22 Mirex

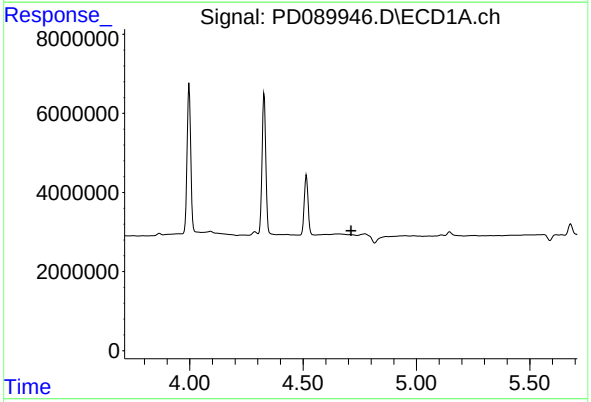
R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



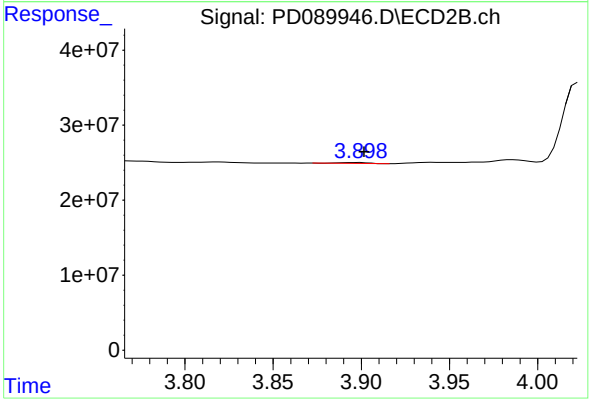
#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.010 min
Response: 6829253
Conc: 0.45 ng/ml



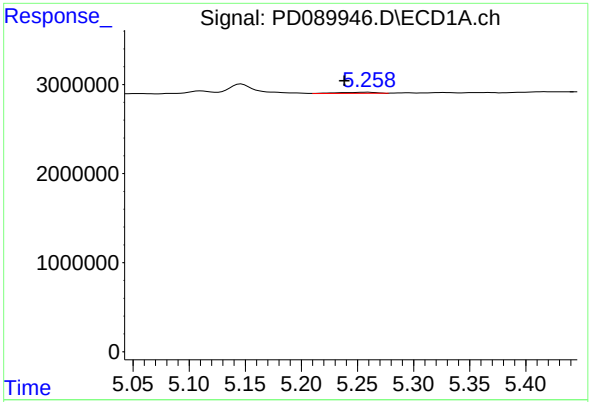
#23 Chlordane-1

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



#23 Chlordane-1

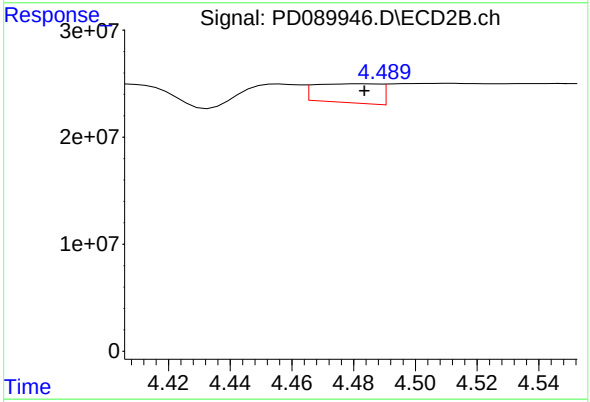
R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 1354920
Conc: 1.85 ng/ml



#24 Chlordane-2

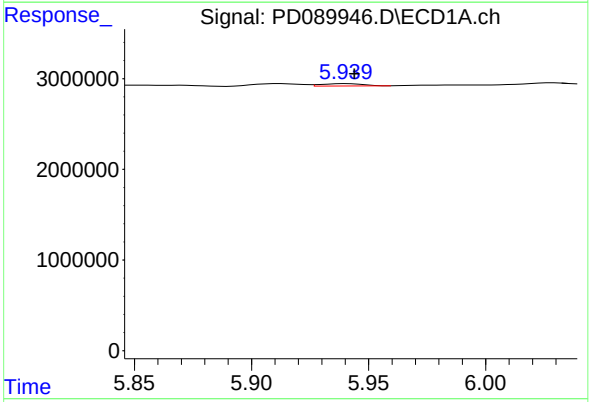
R.T.: 5.259 min
Delta R.T.: 0.021 min
Response: 289933
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



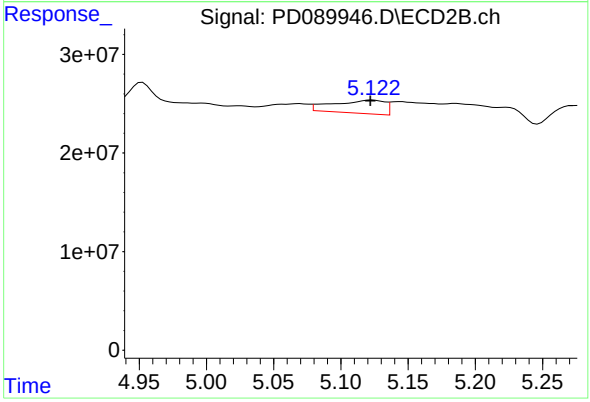
#24 Chlordane-2

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 25889951
Conc: 33.87 ng/ml



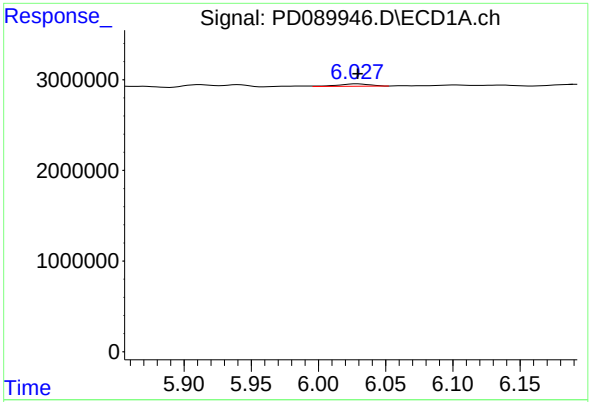
#25 Chlordane-3

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 321953
Conc: 0.47 ng/ml



#25 Chlordane-3

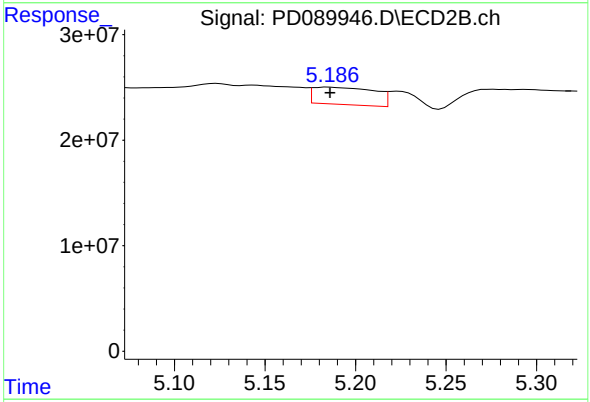
R.T.: 5.123 min
Delta R.T.: 0.001 min
Response: 35781011
Conc: 15.46 ng/ml



#26 Chlordane-4

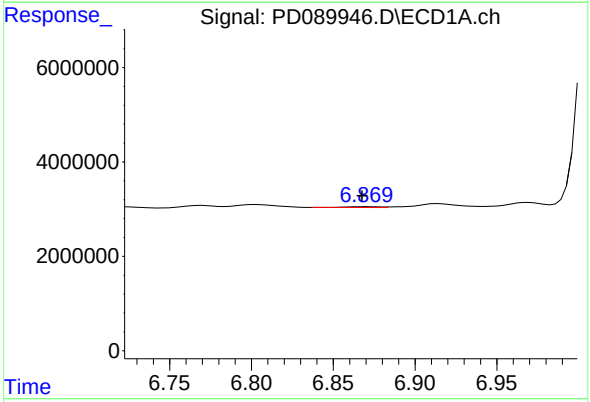
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 439471
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



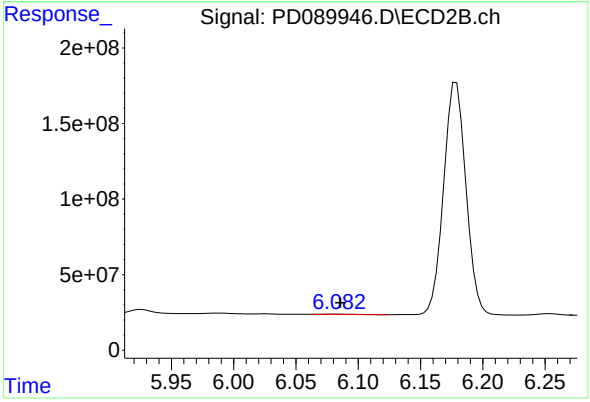
#26 Chlordane-4

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 38518686
Conc: 19.36 ng/ml



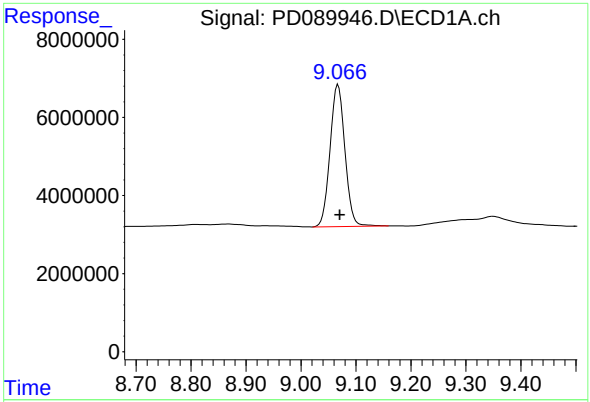
#27 Chlordane-5

R.T.: 6.870 min
Delta R.T.: 0.002 min
Response: 268189
Conc: 1.86 ng/ml



#27 Chlordane-5

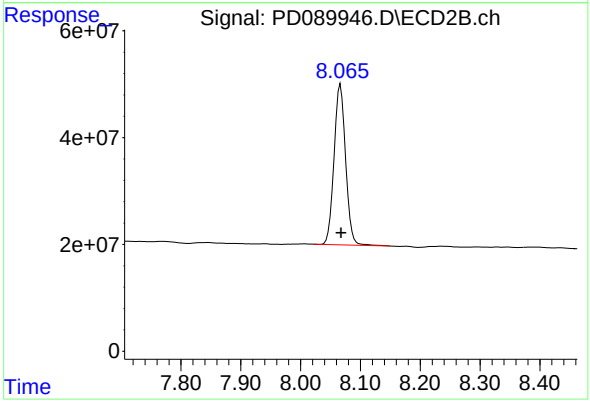
R.T.: 6.081 min
Delta R.T.: -0.005 min
Response: 5467729
Conc: 6.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: -0.003 min
Response: 68298764
Conc: 18.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: -0.001 min
Response: 403661803
Conc: 20.10 ng/ml