Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
Data File : PD089071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 10:15
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: Jun 24 01:49:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.881	54504841	331.7E6	19.104	19.565	
28)	SA Decachlor...	9.072	8.071	78178804	393.1E6	19.905	19.884	
	Target Compounds							
2)	A alpha-BHC	3.999	3.393	51526848	270.5E6	8.840	10.095	
3)	MA gamma-BHC...	4.330	3.729	51552458	250.0E6	9.236	10.098	
4)	MA Heptachlor	4.947f	4.082	485850	804896	0.089	0.032	#
5)	MB Aldrin	5.250f	4.362	359642	1325037	0.068	0.055	
6)	B beta-BHC	4.515	4.025	21559276	110.3E6	9.768	10.264	
7)	B delta-BHC	4.757	4.254	24566	561629	0.005	0.023	#
8)	B Heptachlo...	5.681	0.000	1257223	0	0.261	N.D.	#
9)	A Endosulfan I	0.000	5.235	0	2252505	N.D.	0.108	#
10)	B gamma-Chl...	5.941	5.125	344488	7404596	0.072	0.310	#
11)	B alpha-Chl...	6.031	5.191	1130787	5309366	0.234	0.232	
12)	B 4,4'-DDE	6.197	5.375	247033	964287	0.057	0.042	#
14)	MA Endrin	6.574	5.788	189.3E6	936.2E6	45.877	43.115	
15)	B Endosulfa...	6.770f	6.087	510862	2249955	0.127	0.111	
16)	A 4,4'-DDD	6.703	5.930	2362486	14201387	0.688	0.742	
17)	MA 4,4'-DDT	7.020	6.182	350.2E6	1766.7E6	92.432	87.117	
18)	B Endrin al...	6.916	6.256	1219548	11706856	0.398	0.765	#
20)	A Methoxychlor	7.492	6.752	420.4E6	1760.7E6	208.075	163.512	
21)	B Endrin ke...	7.629	6.989	2620926	24248370	0.643	1.123	#
22)	Mirex	8.117	7.175	172064	4100578	0.057	0.246	#
23)	Chlordane-1	0.000	3.898	0	1119826	N.D.	1.201	#
24)	Chlordane-2	5.250	4.486	359642	1283802	1.647	1.349	
25)	Chlordane-3	5.941	5.125	344488	7404596	0.399	2.493	#
26)	Chlordane-4	6.031	5.191	1130787	5309366	1.076	2.118	#
27)	Chlordane-5	6.869	6.087	329160	2249955	1.801	1.988	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
Data File : PD089071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 10:15
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: Jun 24 01:49:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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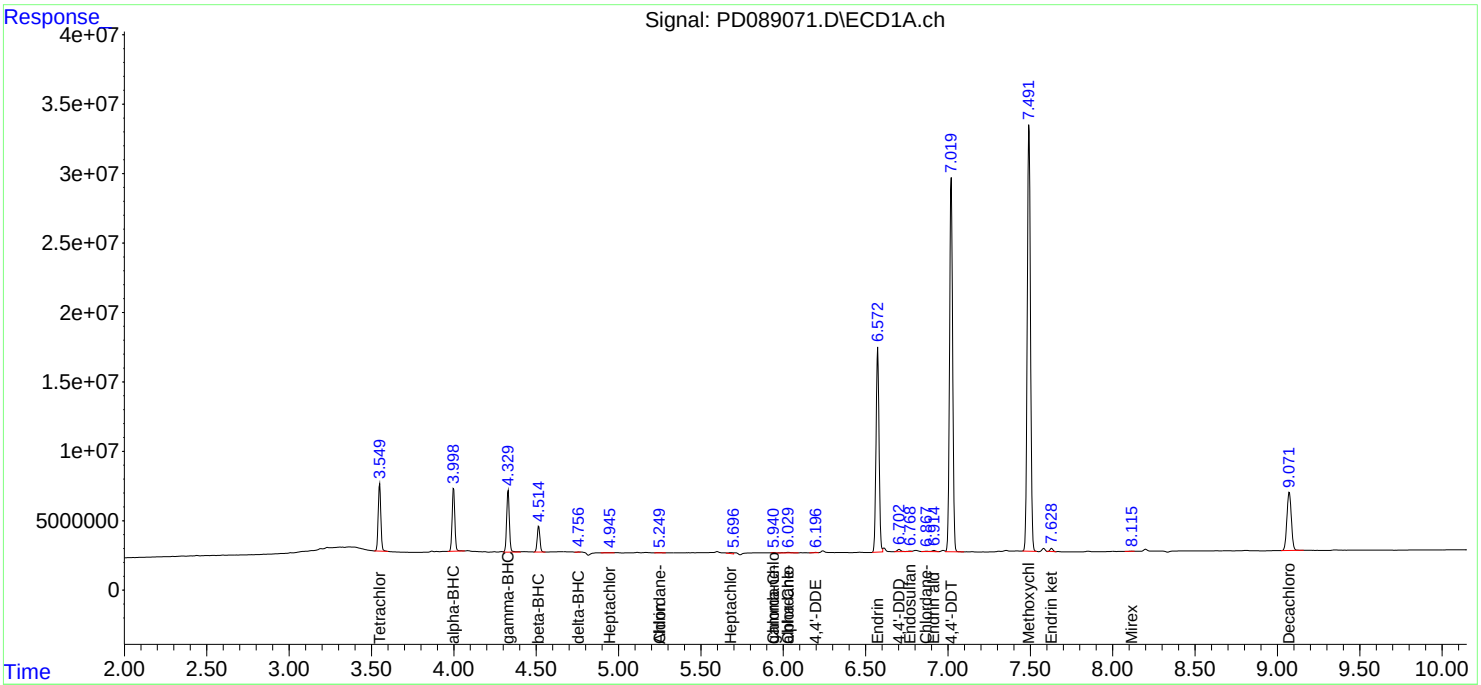
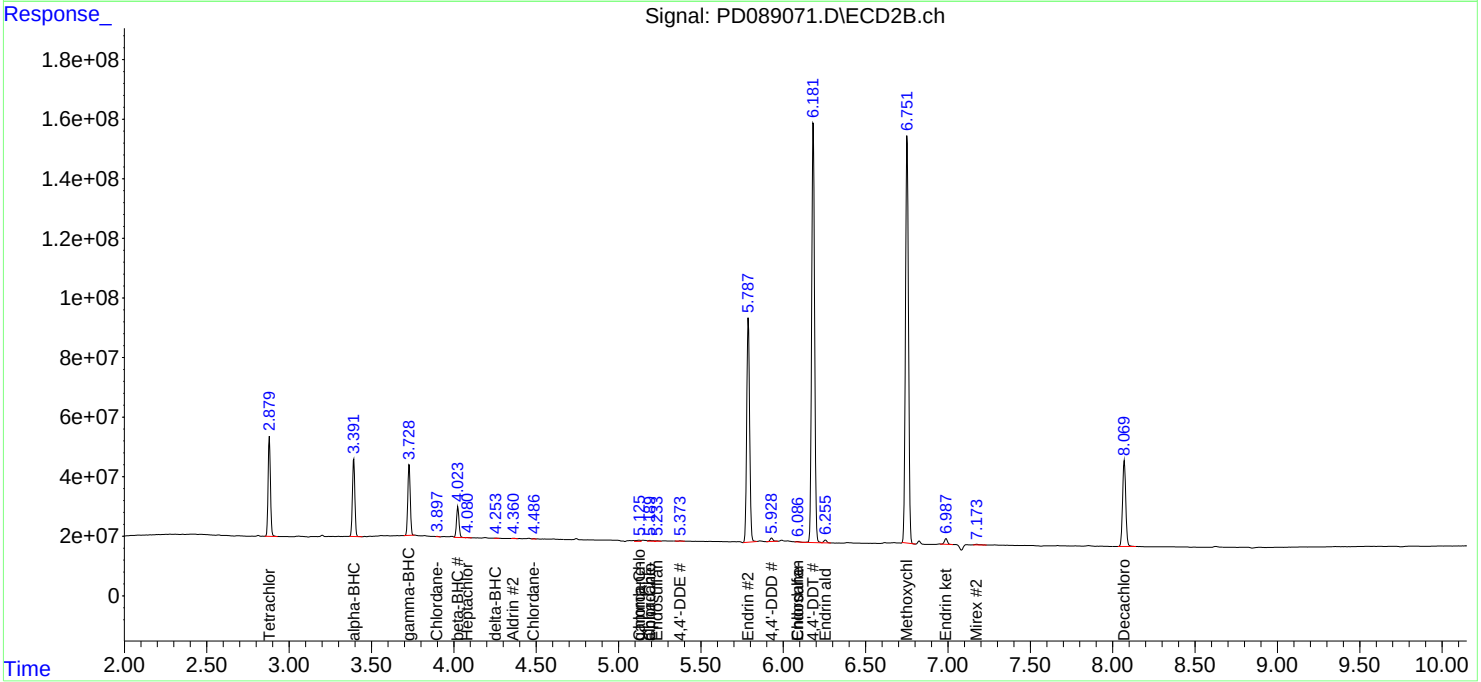
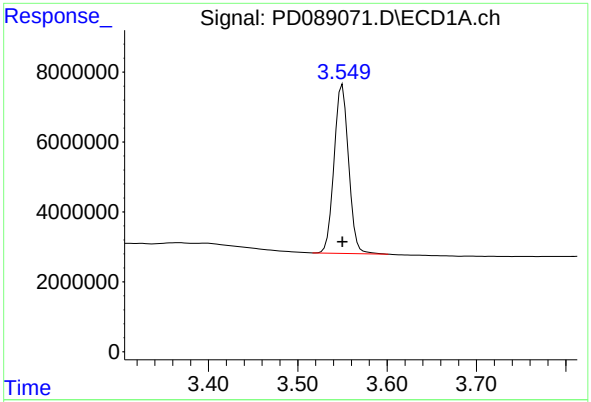
Integrator: ChemStation

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



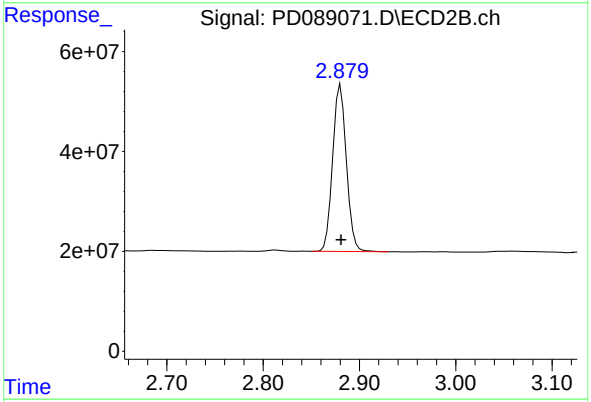




#1 Tetrachloro-m-xylene

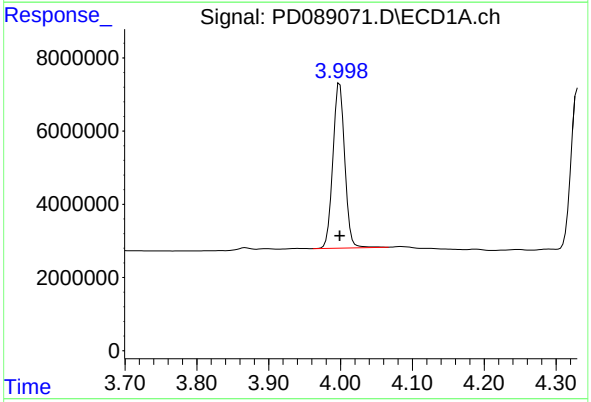
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 54504841
Conc: 19.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



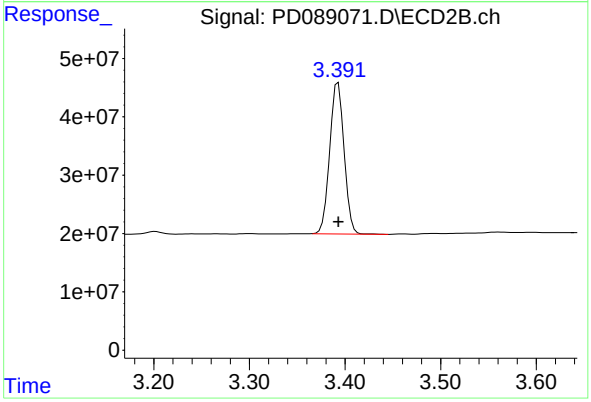
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 331689255
Conc: 19.57 ng/ml



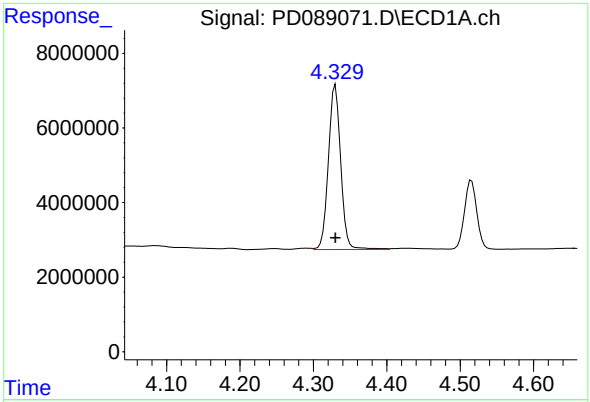
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 51526848
Conc: 8.84 ng/ml



#2 alpha-BHC

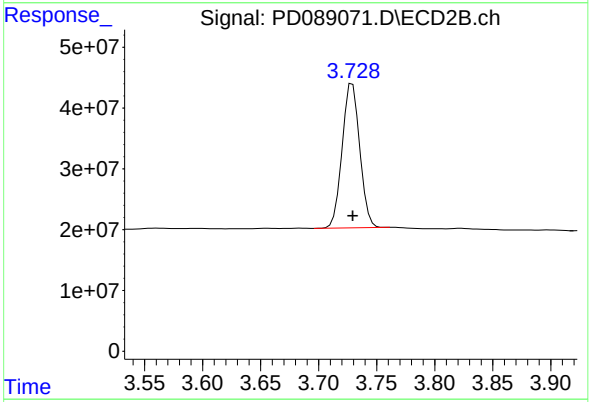
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 270512364
Conc: 10.09 ng/ml



#3 gamma-BHC (Lindane)

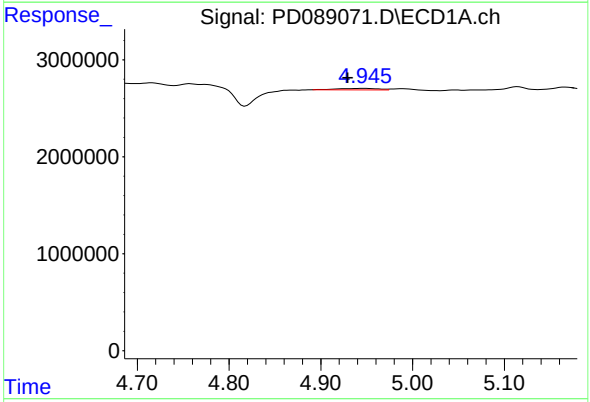
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 51552458
Conc: 9.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



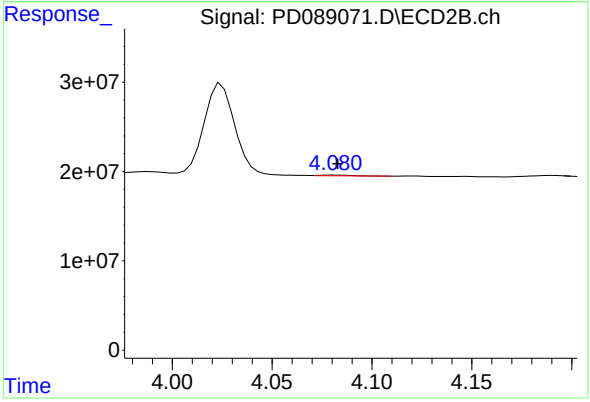
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 250005915
Conc: 10.10 ng/ml



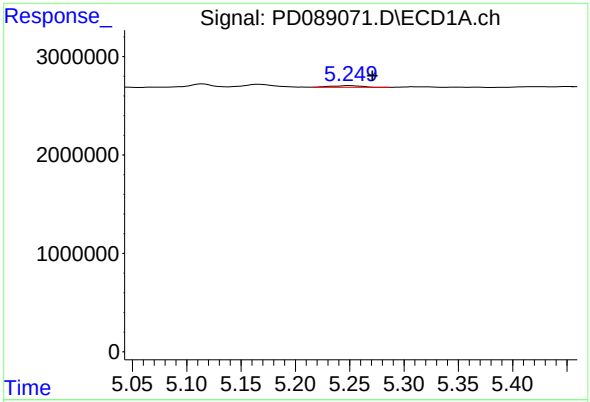
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.017 min
Response: 485850
Conc: 0.09 ng/ml



#4 Heptachlor

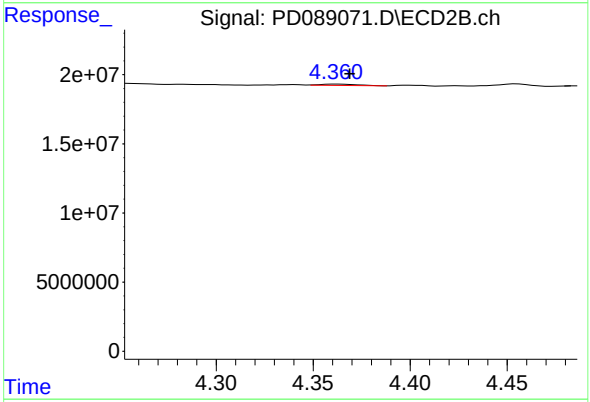
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 804896
Conc: 0.03 ng/ml



#5 Aldrin

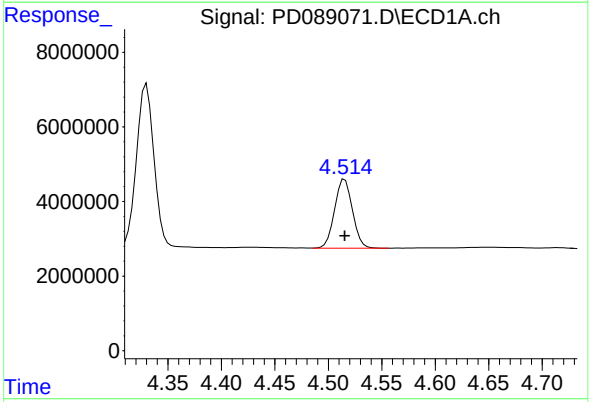
R.T.: 5.250 min
Delta R.T.: -0.021 min
Response: 359642
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



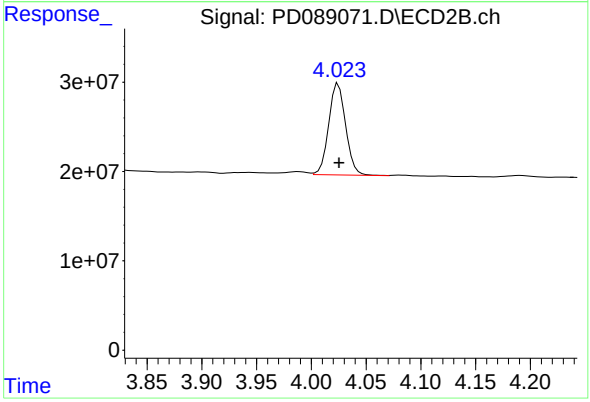
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 1325037
Conc: 0.05 ng/ml



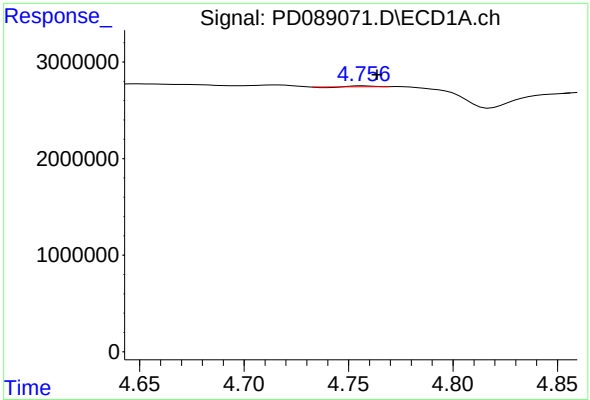
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 21559276
Conc: 9.77 ng/ml



#6 beta-BHC

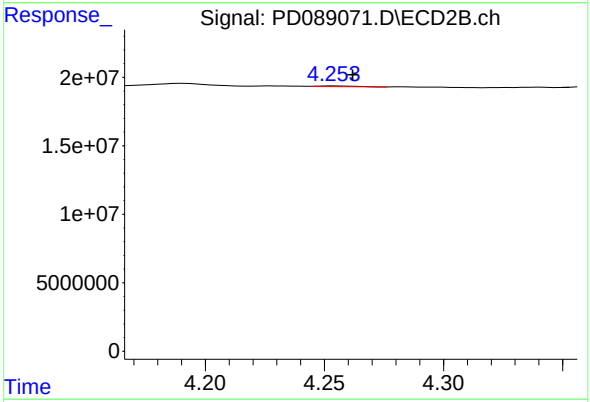
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 110302957
Conc: 10.26 ng/ml



#7 delta-BHC

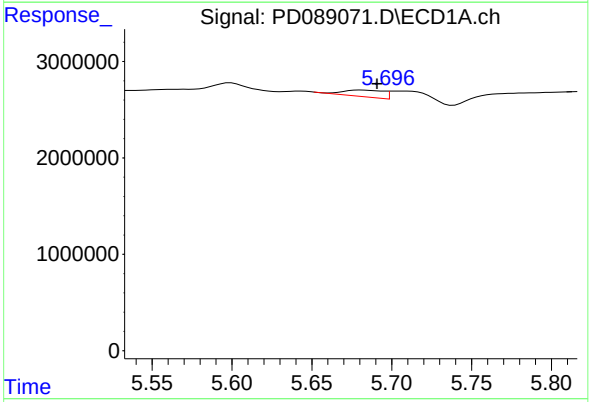
R.T.: 4.757 min
Delta R.T.: -0.006 min
Response: 24566
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



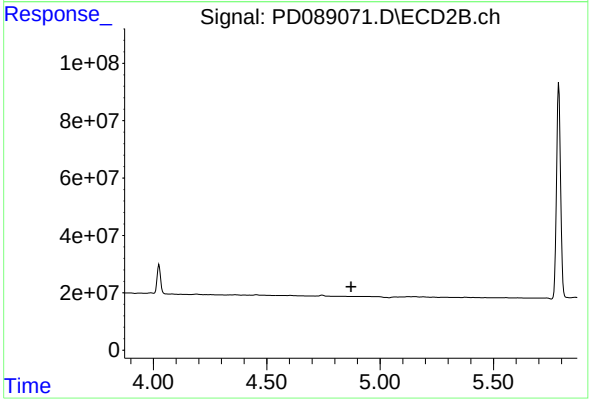
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.008 min
Response: 561629
Conc: 0.02 ng/ml



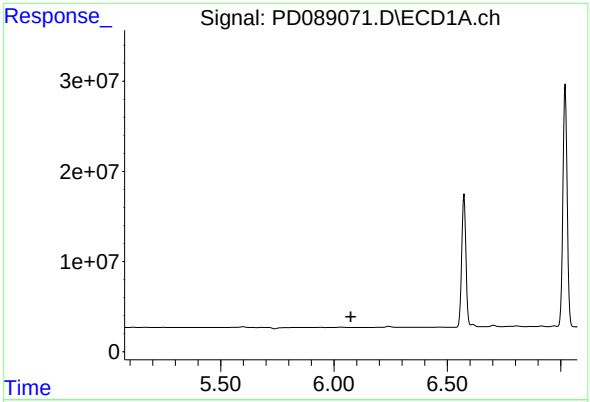
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 1257223
Conc: 0.26 ng/ml



#8 Heptachlor epoxide

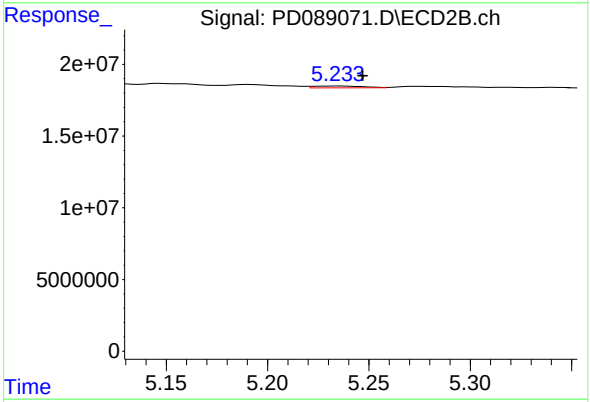
R.T.: 0.000 min
Exp R.T. : 4.873 min
Response: 0
Conc: N.D.



#9 Endosulfan I

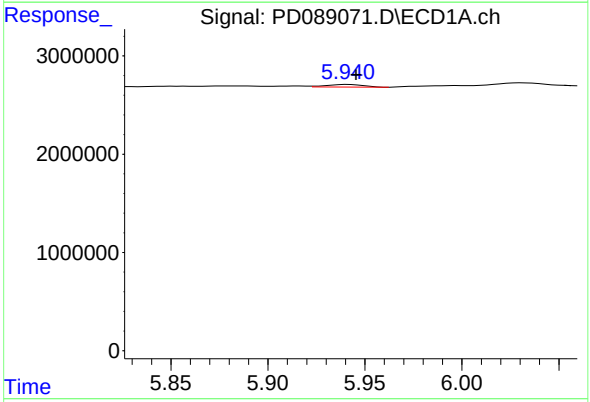
R.T.: 0.000 min
Exp R.T. : 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



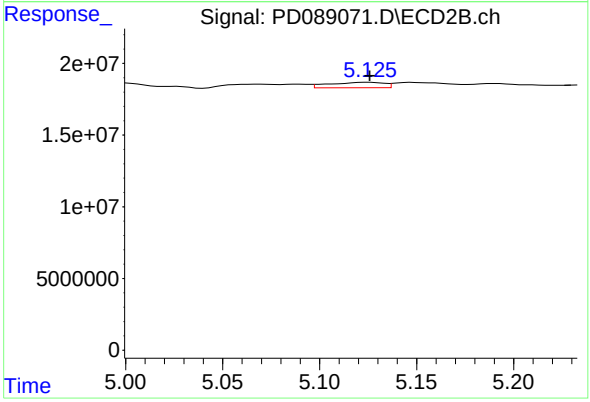
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.012 min
Response: 2252505
Conc: 0.11 ng/ml



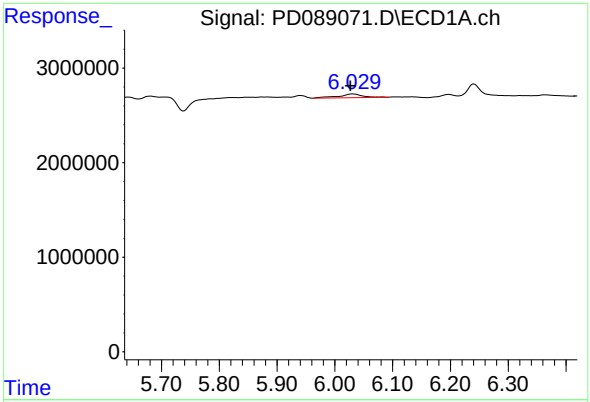
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 344488
Conc: 0.07 ng/ml



#10 gamma-Chlordane

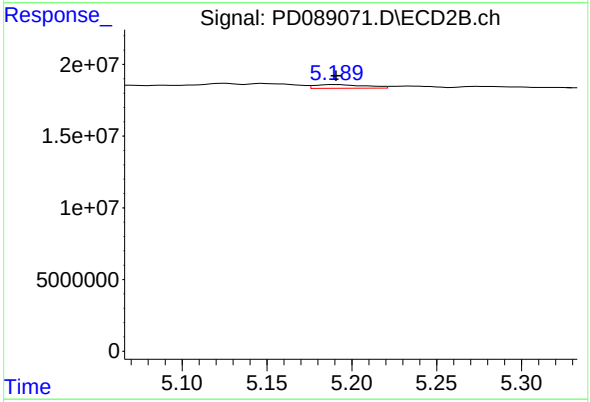
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 7404596
Conc: 0.31 ng/ml



#11 alpha-Chlordane

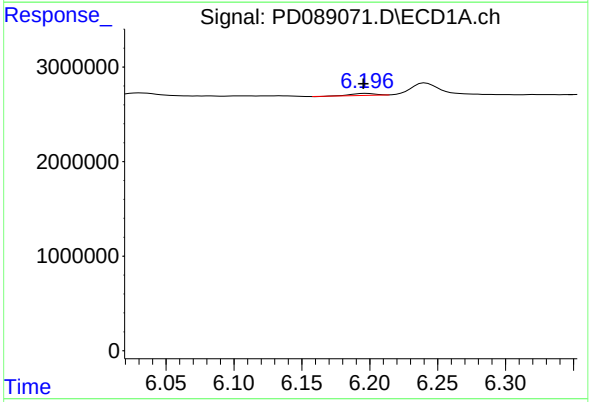
R.T.: 6.031 min
Delta R.T.: 0.005 min
Response: 1130787
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



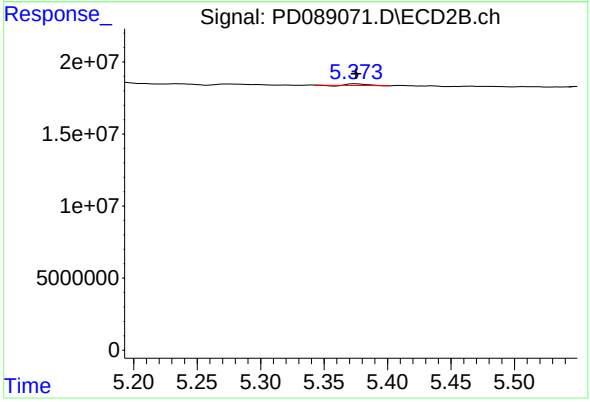
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 5309366
Conc: 0.23 ng/ml



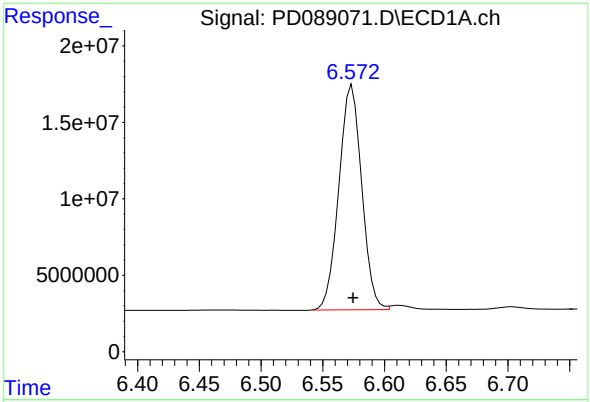
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 247033
Conc: 0.06 ng/ml



#12 4,4'-DDE

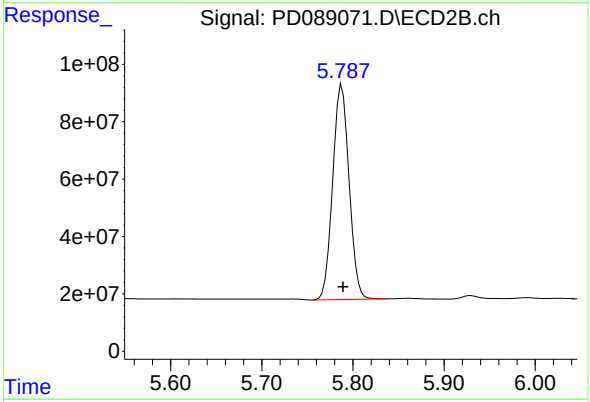
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 964287
Conc: 0.04 ng/ml



#14 Endrin

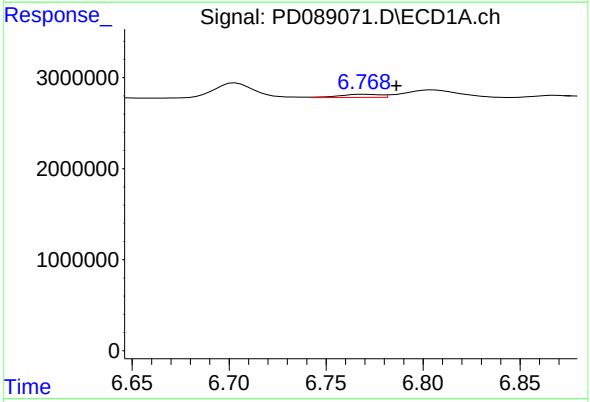
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 189270847
Conc: 45.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



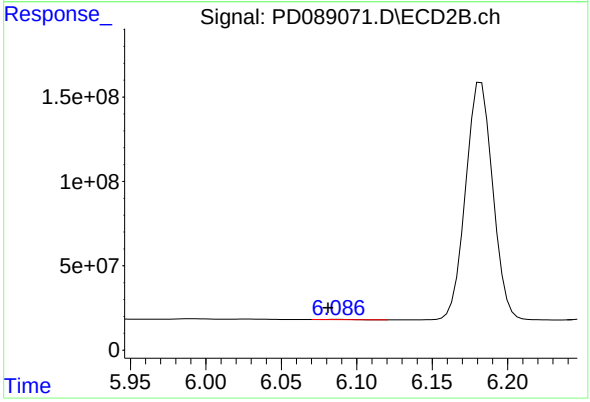
#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 936206168
Conc: 43.12 ng/ml



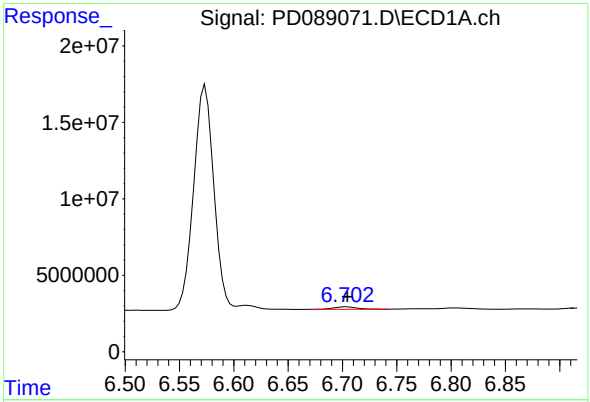
#15 Endosulfan II

R.T.: 6.770 min
Delta R.T.: -0.017 min
Response: 510862
Conc: 0.13 ng/ml



#15 Endosulfan II

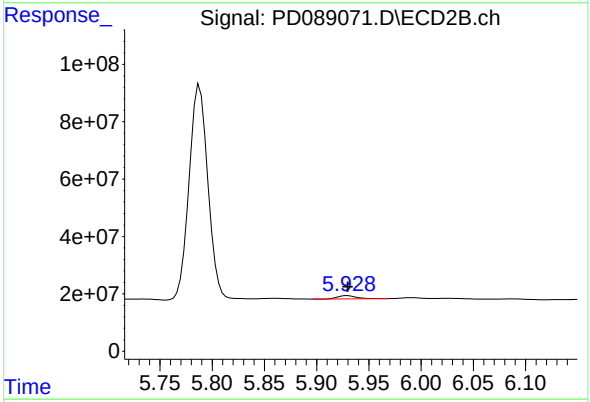
R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 2249955
Conc: 0.11 ng/ml



#16 4,4'-DDD

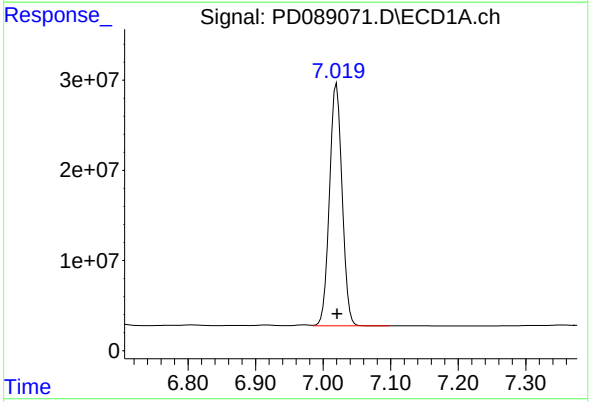
R.T.: 6.703 min
Delta R.T.: -0.001 min
Response: 2362486
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



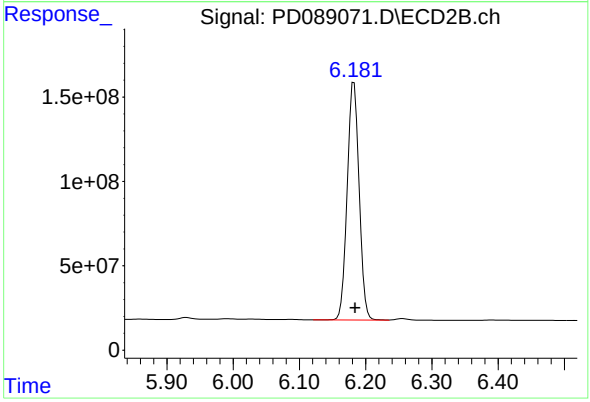
#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 14201387
Conc: 0.74 ng/ml



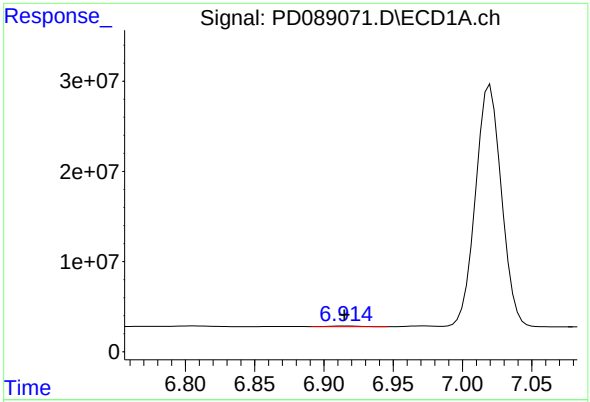
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 350151542
Conc: 92.43 ng/ml



#17 4,4'-DDT

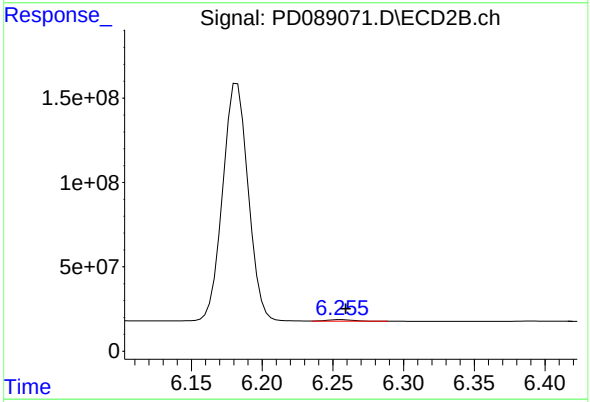
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1766684574
Conc: 87.12 ng/ml



#18 Endrin aldehyde

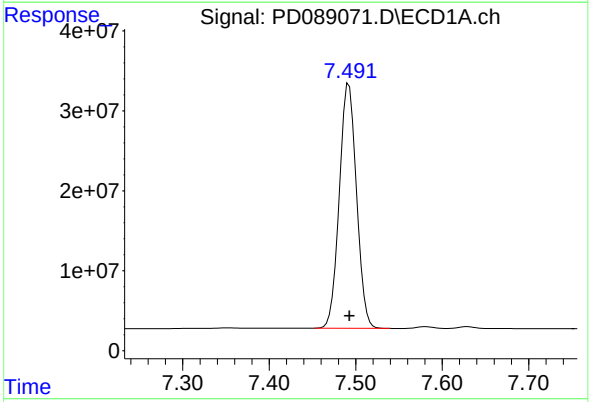
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 1219548
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



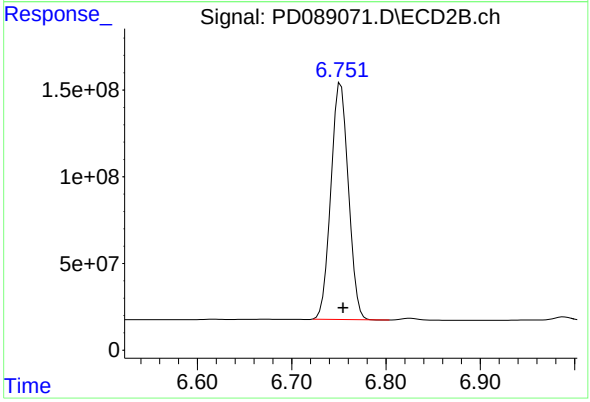
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 11706856
Conc: 0.76 ng/ml



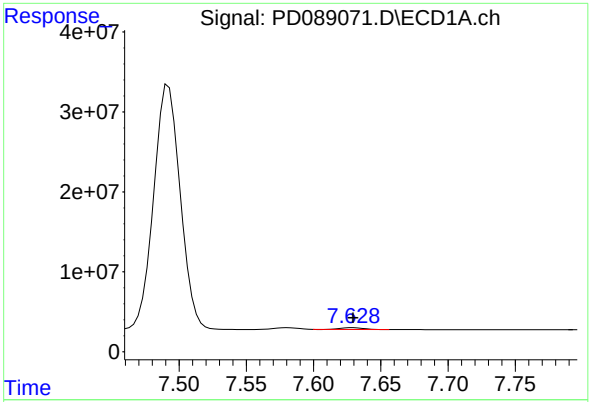
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 420442865
Conc: 208.08 ng/ml



#20 Methoxychlor

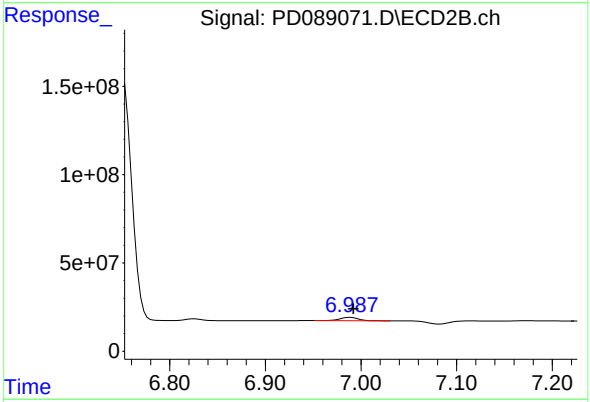
R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 1760705174
Conc: 163.51 ng/ml



#21 Endrin ketone

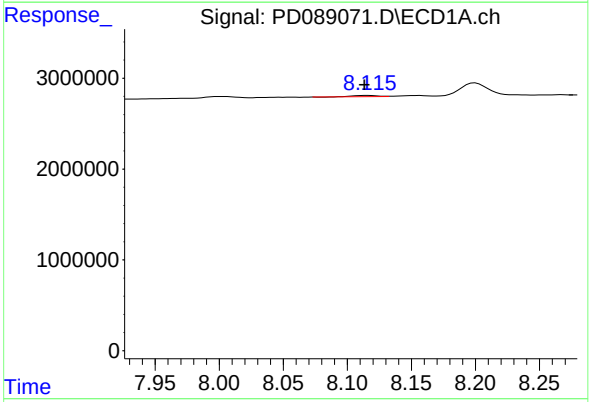
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 2620926
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



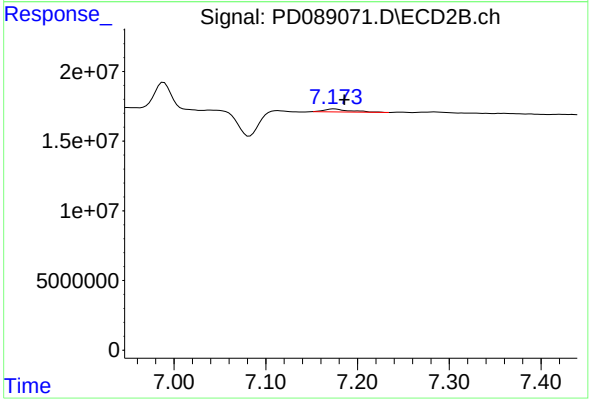
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 24248370
Conc: 1.12 ng/ml



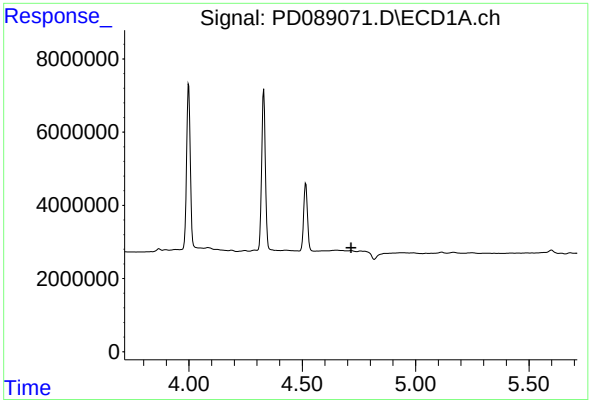
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 172064
Conc: 0.06 ng/ml



#22 Mirex

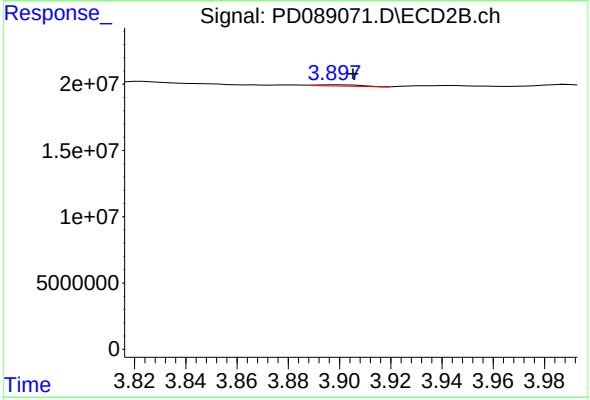
R.T.: 7.175 min
Delta R.T.: -0.011 min
Response: 4100578
Conc: 0.25 ng/ml



#23 Chlordane-1

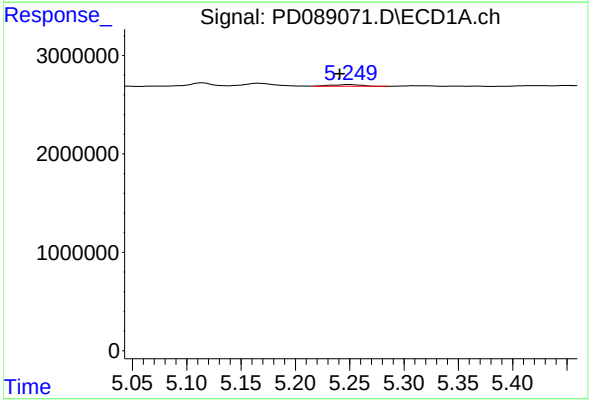
R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



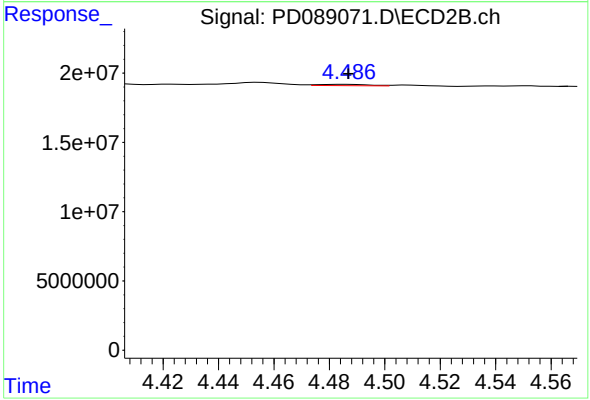
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.007 min
Response: 1119826
Conc: 1.20 ng/ml



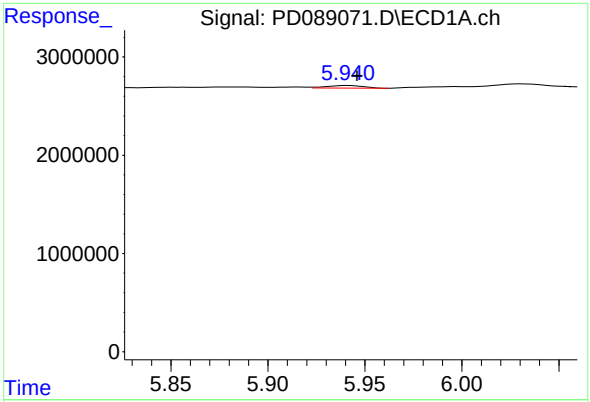
#24 Chlordane-2

R.T.: 5.250 min
Delta R.T.: 0.009 min
Response: 359642
Conc: 1.65 ng/ml



#24 Chlordane-2

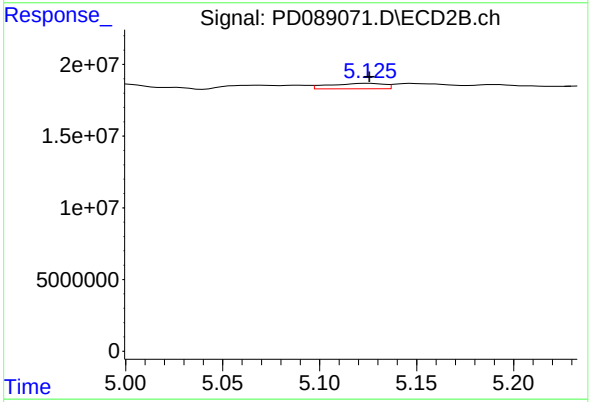
R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 1283802
Conc: 1.35 ng/ml



#25 Chlordane-3

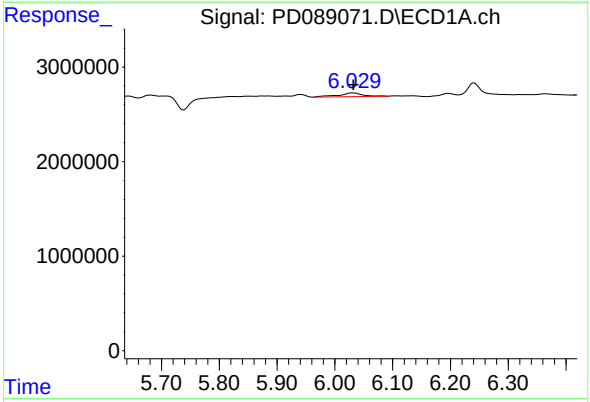
R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 344488
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



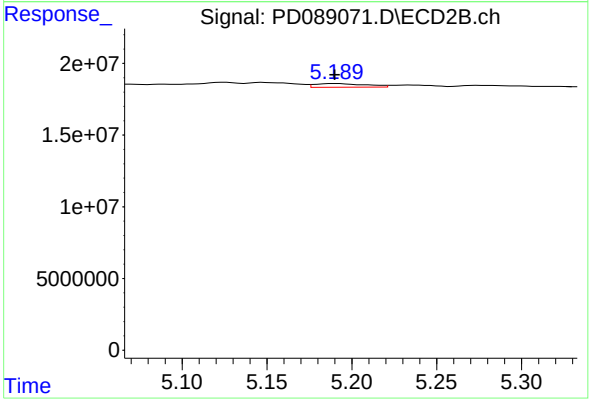
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 7404596
Conc: 2.49 ng/ml



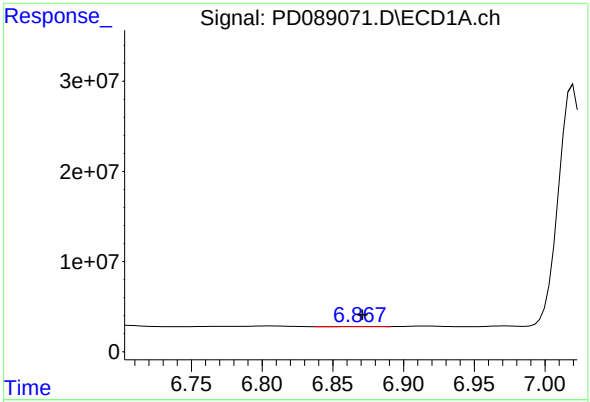
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 1130787
Conc: 1.08 ng/ml



#26 Chlordane-4

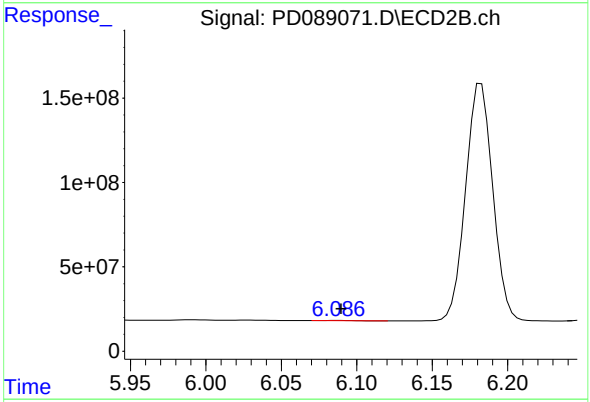
R.T.: 5.191 min
Delta R.T.: 0.001 min
Response: 5309366
Conc: 2.12 ng/ml



#27 Chlordane-5

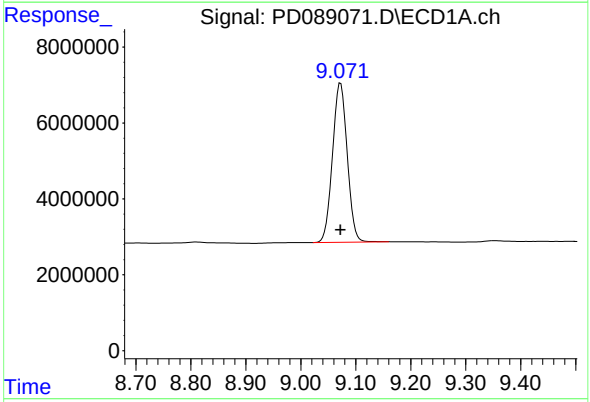
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 329160
Conc: 1.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



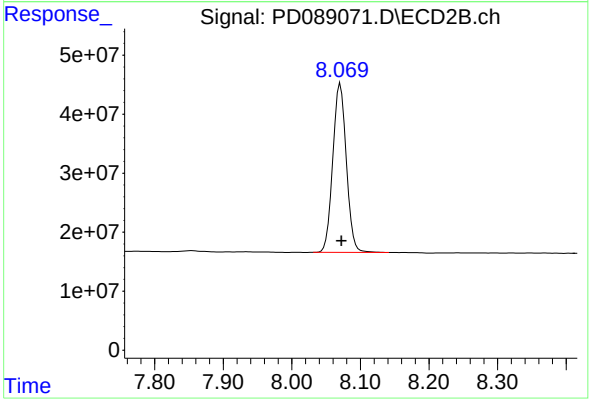
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 2249955
Conc: 1.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 78178804
Conc: 19.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 393102717
Conc: 19.88 ng/ml