Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:22
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: Jul 22 04:41:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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...	3.548	2.879	53372260	373.1E6	18.523	19.067	
28)	SA	Decachlor...	9.072	8.069	81289525	481.5E6	19.793	19.598	
		Target Compounds							
2)	A	alpha-BHC	3.997	3.391	50475537	317.2E6	8.840	10.558	
3)	MA	gamma-BHC...	4.328	3.727	50605463	283.2E6	9.172	10.200	
4)	MA	Heptachlor	0.000	4.079	0	2072391	N.D.	0.074	#
5)	MB	Aldrin	0.000	4.361	0	1387229	N.D.	0.051	#
6)	B	beta-BHC	4.514	4.023	20992727	125.0E6	9.736	10.504	
8)	B	Heptachlo...	5.682	4.873	2092567	1365749	0.443	0.055	#
9)	A	Endosulfan I	0.000	5.227f	0	3119429	N.D.	0.131	#
10)	B	gamma-Chl...	5.942	5.127	441851	10666540	0.093	0.399	#
11)	B	alpha-Chl...	6.025	5.189	1583084	6110452	0.332	0.237	#
12)	B	4,4'-DDE	6.208	5.376	269690	3380765	0.063	0.129	#
13)	MA	Dieldrin	0.000	5.505	0	1338638	N.D.	0.051	#
14)	MA	Endrin	6.573	5.787	194.8E6	1134.7E6	47.840	46.923	
15)	B	Endosulfa...	6.769	6.084	1242782	1093245	0.305	0.048	#
16)	A	4,4'-DDD	6.703	5.931	1269926	7637803	0.375	0.348	
17)	MA	4,4'-DDT	7.020	6.181	359.2E6	2130.6E6	95.199	91.024	
18)	B	Endrin al...	6.919	6.254	594479	9624267	0.204	0.580	#
19)	B	Endosulfa...	0.000	6.477	0	162455	N.D.	0.007	#
20)	A	Methoxychlor	7.492	6.751	440.3E6	2299.8E6	219.619	188.633	
21)	B	Endrin ke...	7.629	6.988	-90683	9040078	N.D.	0.369	
22)		Mirex	0.000	7.174	0	3755382	N.D.	0.194	#
23)		Chlordane-1	0.000	3.901	0	908164	N.D.	0.978	#
24)		Chlordane-2	0.000	4.484	0	3771235	N.D.	3.847	#
25)		Chlordane-3	5.942	5.127	441851	10666540	0.567	3.695	#
26)		Chlordane-4	6.025	5.189	1583084	6110452	1.668	2.533	#
27)		Chlordane-5	6.870	6.084	254529	1093245	1.543	0.936	#

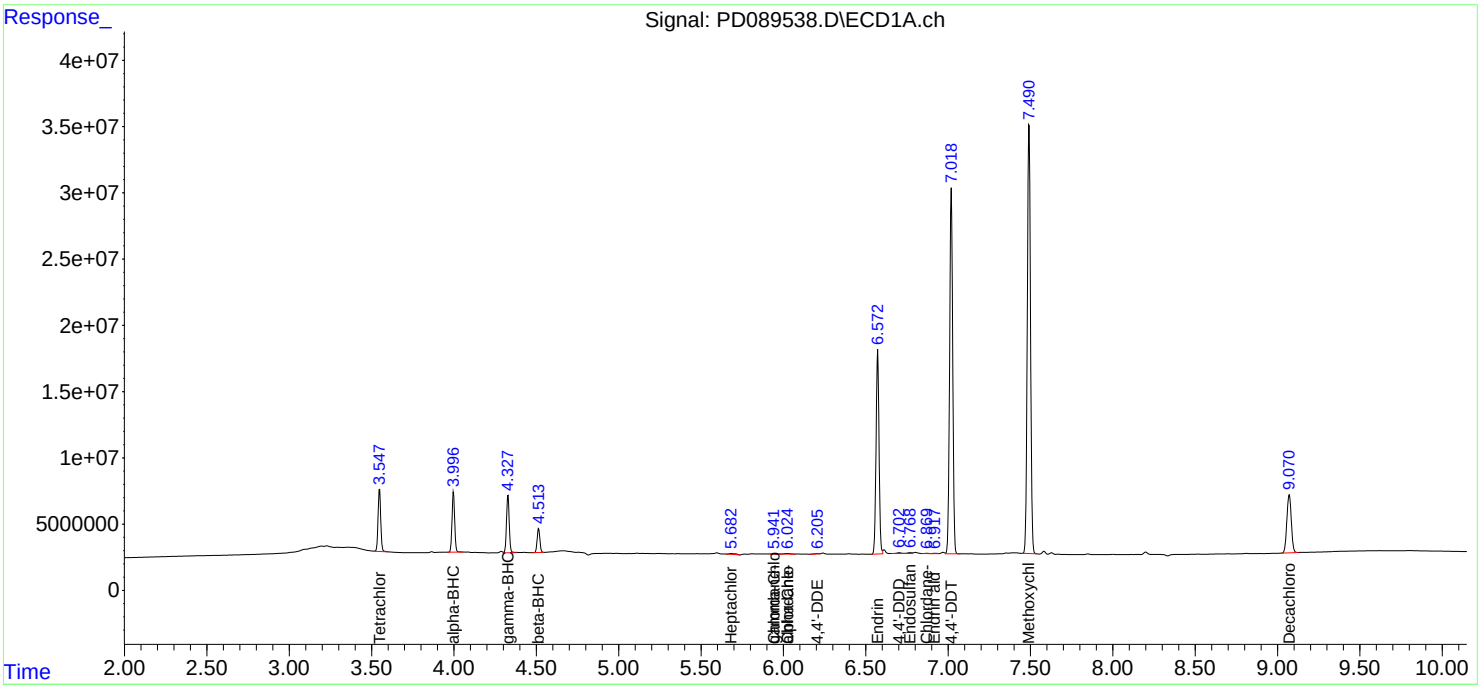
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

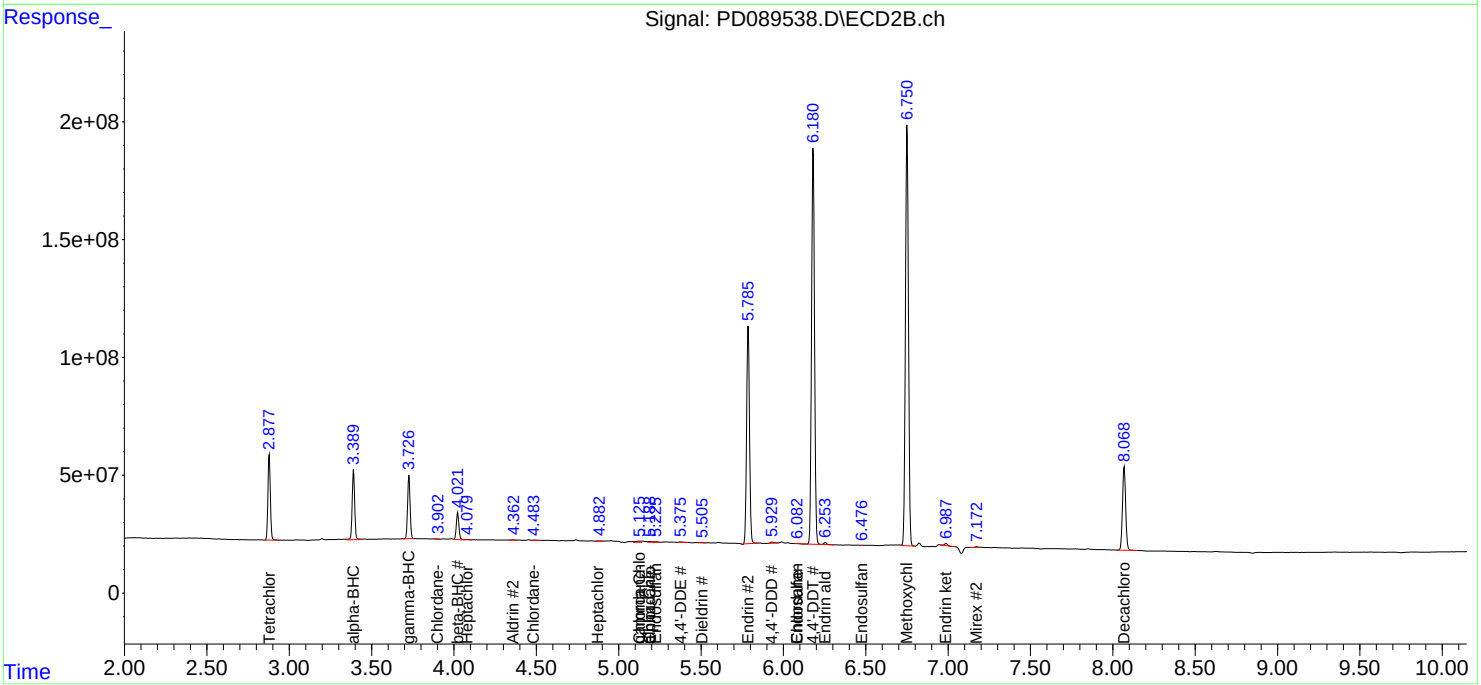
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

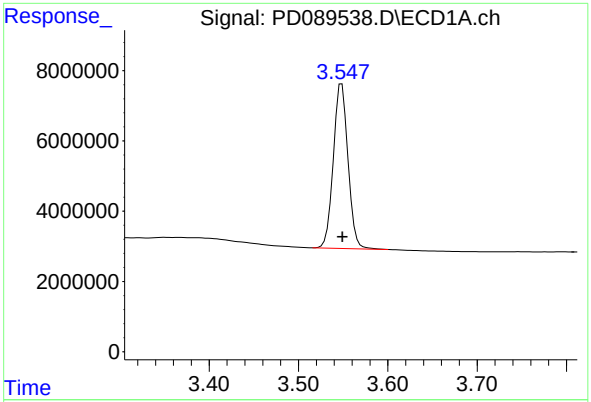
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:41:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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



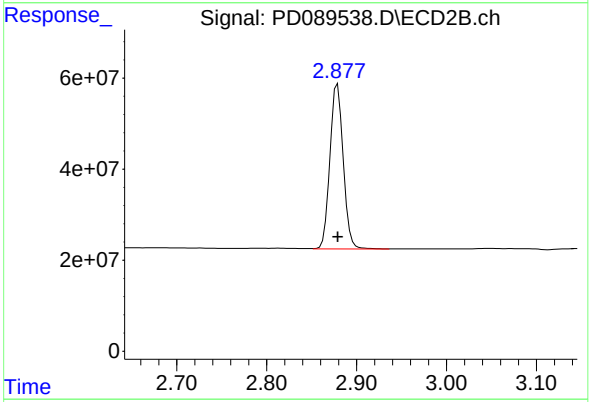




#1 Tetrachloro-m-xylene

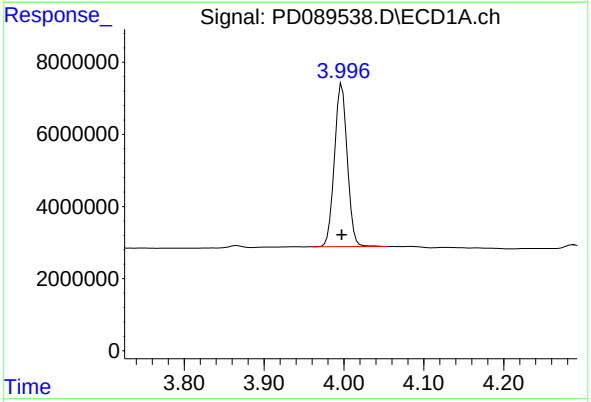
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 53372260
Conc: 18.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



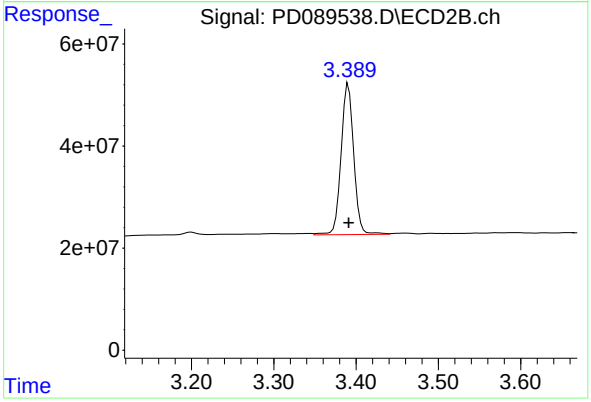
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 373059031
Conc: 19.07 ng/ml



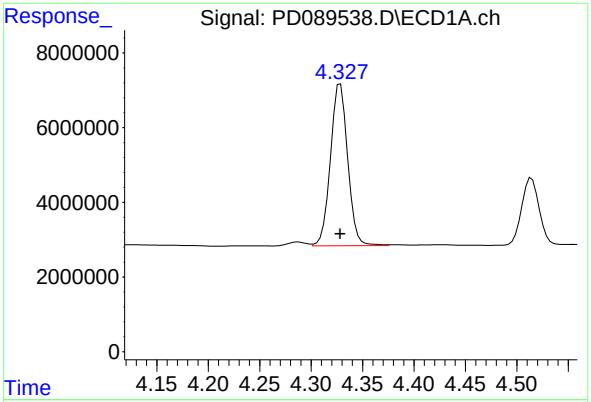
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 50475537
Conc: 8.84 ng/ml



#2 alpha-BHC

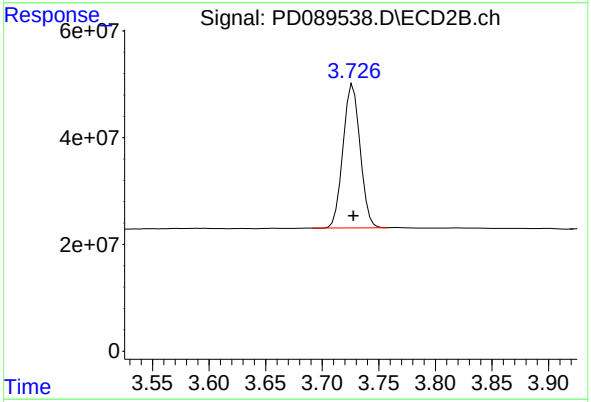
R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 317216915
Conc: 10.56 ng/ml



#3 gamma-BHC (Lindane)

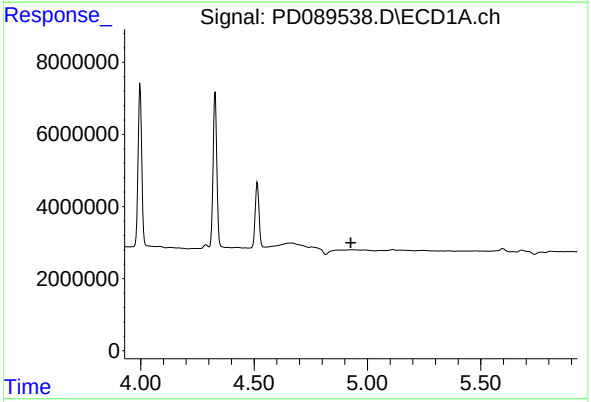
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 50605463
Conc: 9.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



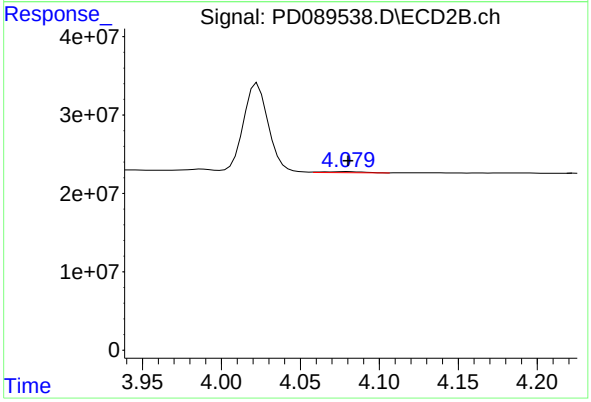
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 283168152
Conc: 10.20 ng/ml



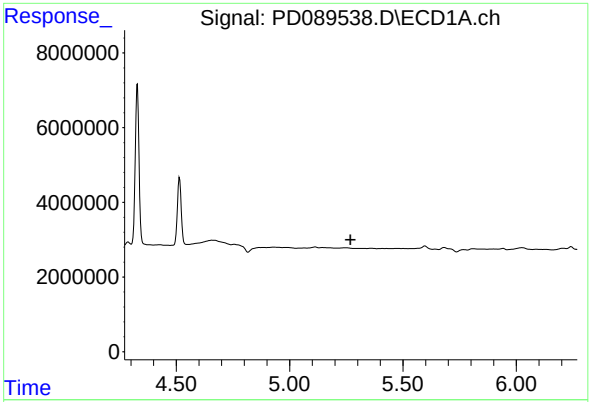
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

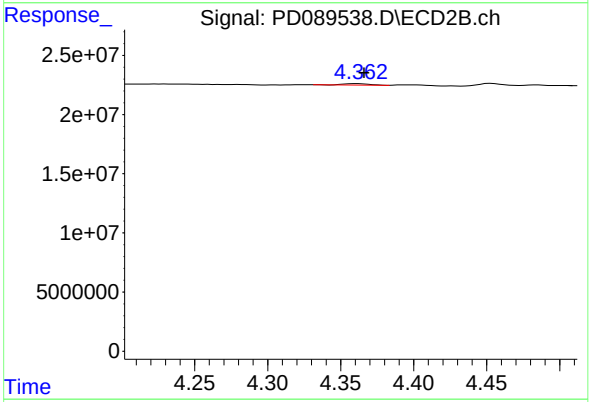
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 2072391
Conc: 0.07 ng/ml



#5 Aldrin

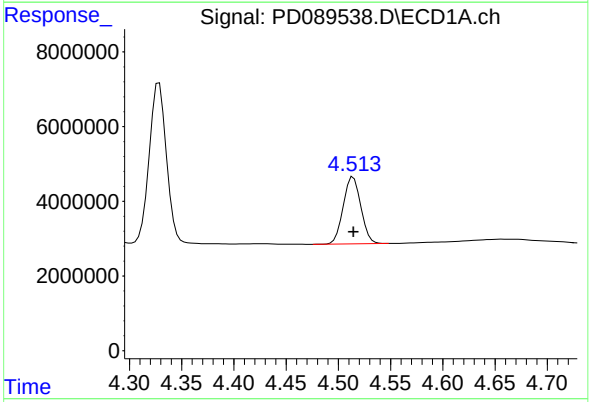
R.T.: 0.000 min
Exp R.T. : 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



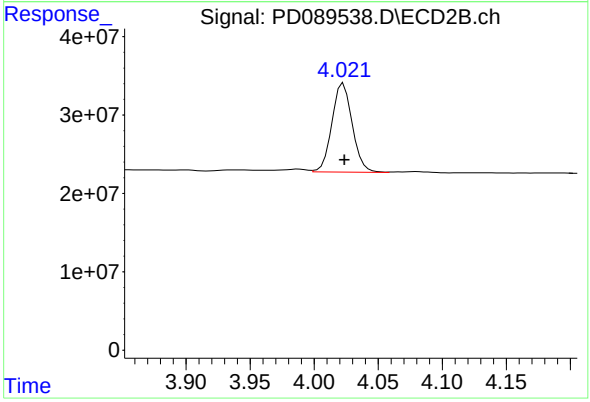
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.005 min
Response: 1387229
Conc: 0.05 ng/ml



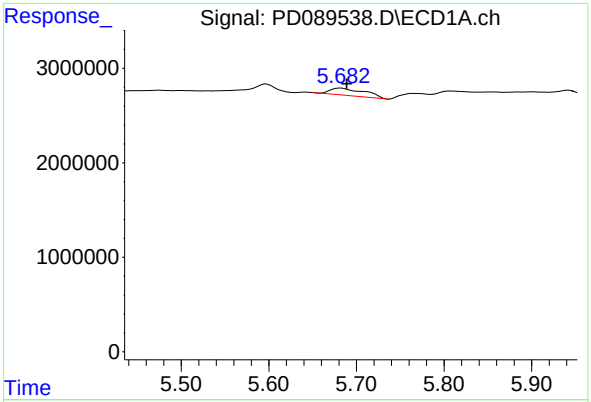
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 20992727
Conc: 9.74 ng/ml



#6 beta-BHC

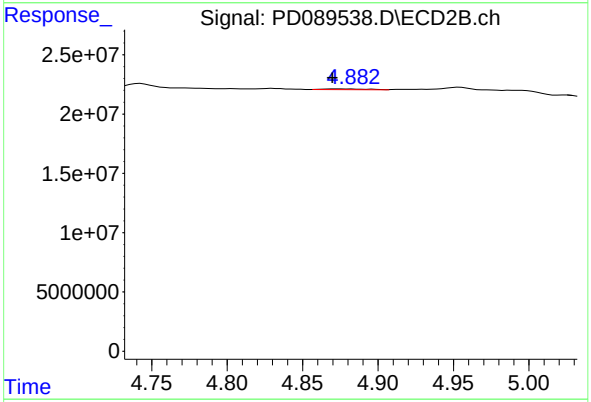
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 125024215
Conc: 10.50 ng/ml



#8 Heptachlor epoxide

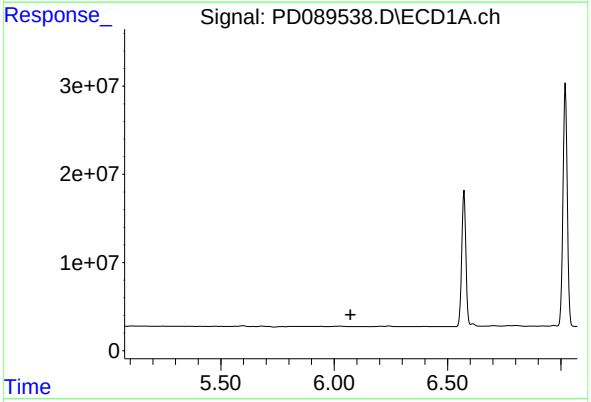
R.T.: 5.682 min
Delta R.T.: -0.007 min
Response: 2092567
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



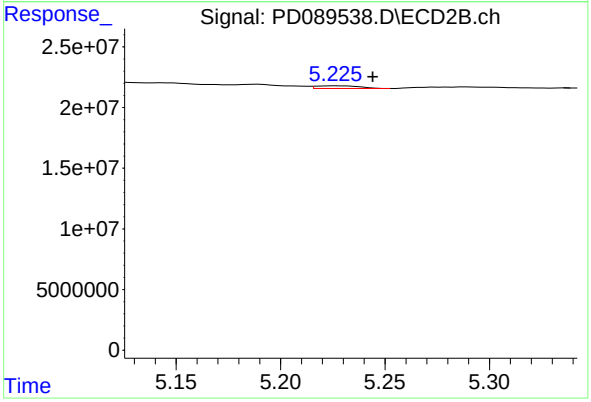
#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.004 min
Response: 1365749
Conc: 0.05 ng/ml



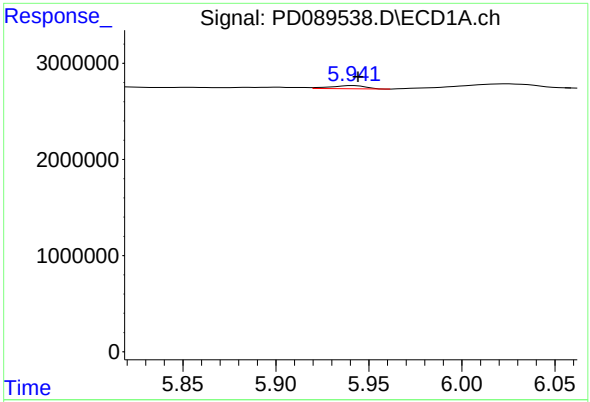
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.073 min
Response: 0
Conc: N.D.



#9 Endosulfan I

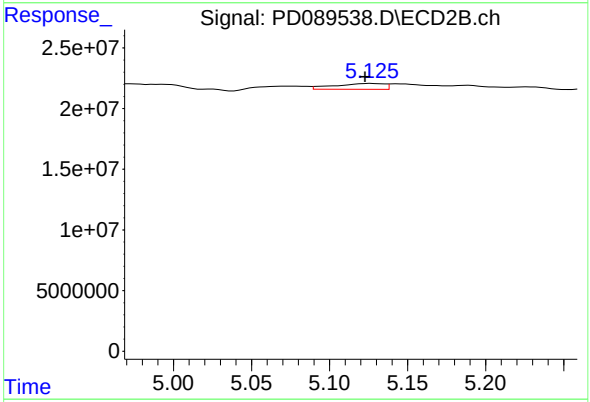
R.T.: 5.227 min
Delta R.T.: -0.018 min
Response: 3119429
Conc: 0.13 ng/ml



#10 gamma-Chlordane

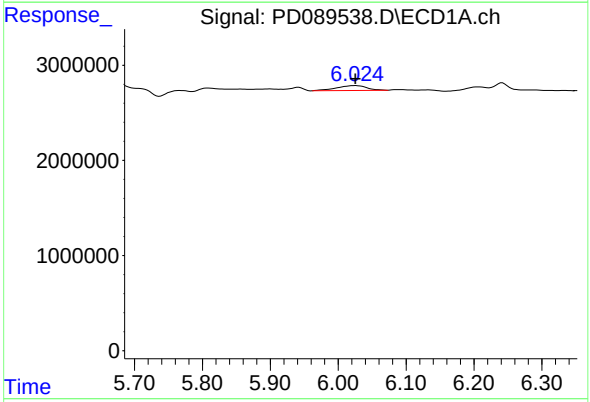
R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 441851
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



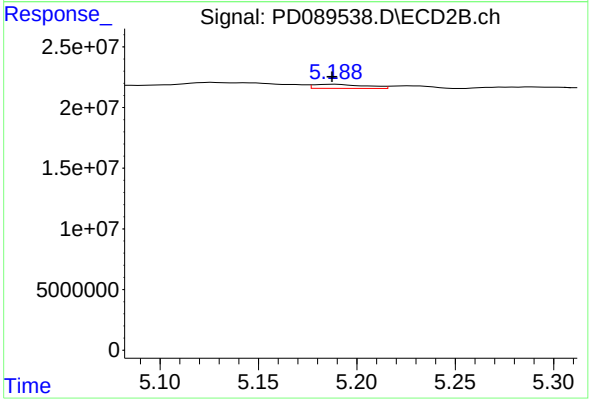
#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: 0.004 min
Response: 10666540
Conc: 0.40 ng/ml



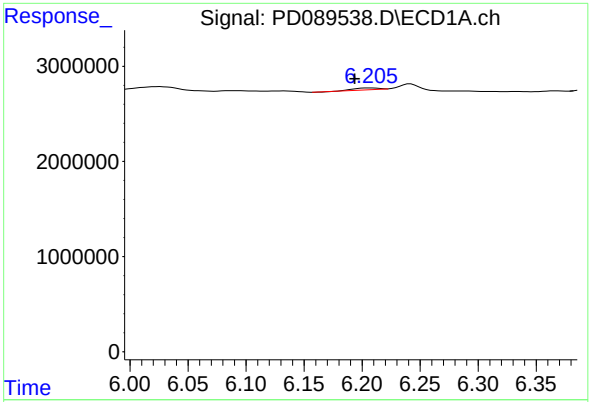
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 1583084
Conc: 0.33 ng/ml



#11 alpha-Chlordane

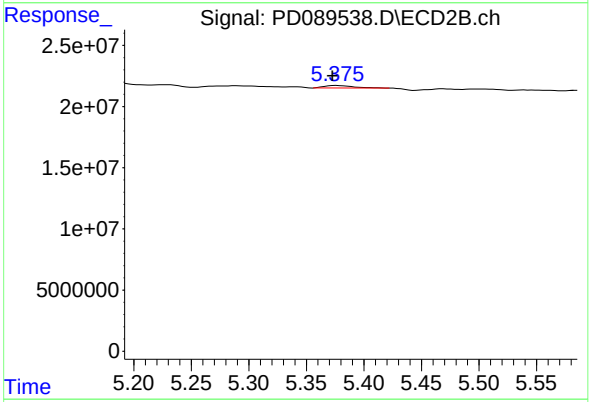
R.T.: 5.189 min
Delta R.T.: 0.002 min
Response: 6110452
Conc: 0.24 ng/ml



#12 4,4'-DDE

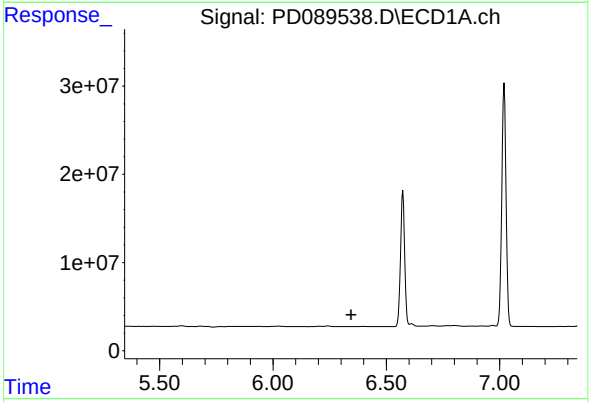
R.T.: 6.208 min
Delta R.T.: 0.014 min
Response: 269690
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



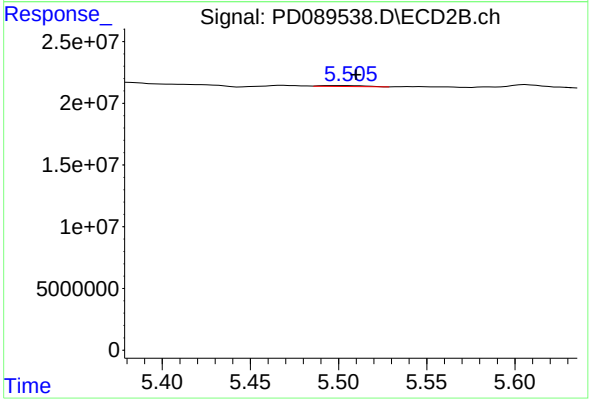
#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: 0.003 min
Response: 3380765
Conc: 0.13 ng/ml



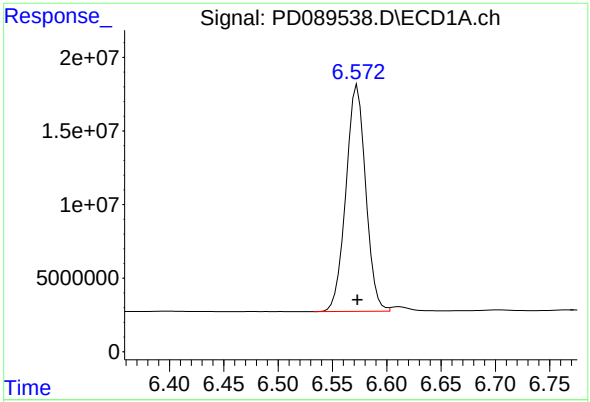
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.345 min
Response: 0
Conc: N.D.



#13 Dieldrin

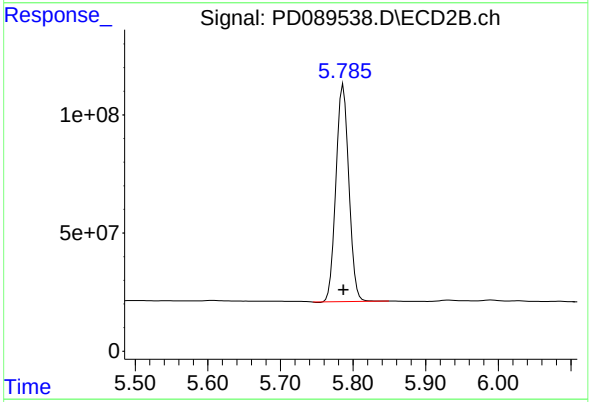
R.T.: 5.505 min
Delta R.T.: -0.005 min
Response: 1338638
Conc: 0.05 ng/ml



#14 Endrin

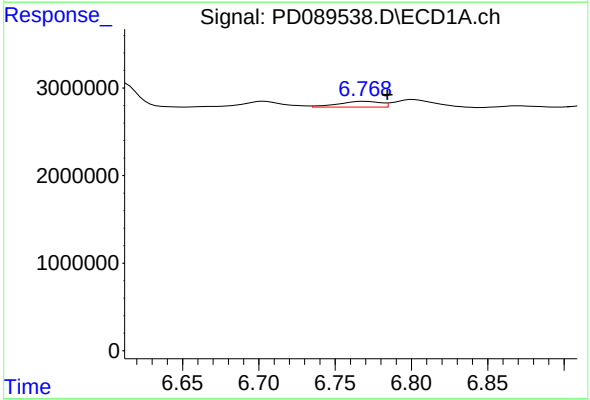
R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 194832322
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



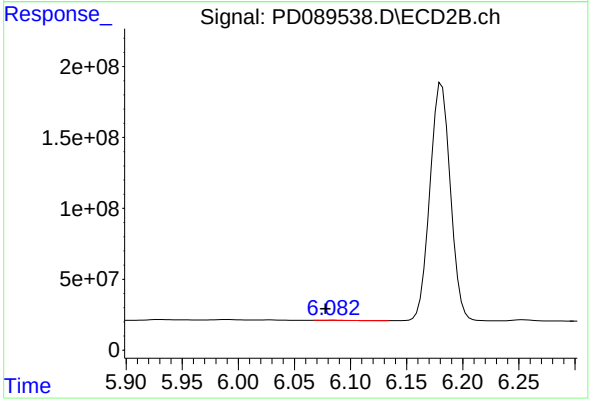
#14 Endrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 1134667630
Conc: 46.92 ng/ml



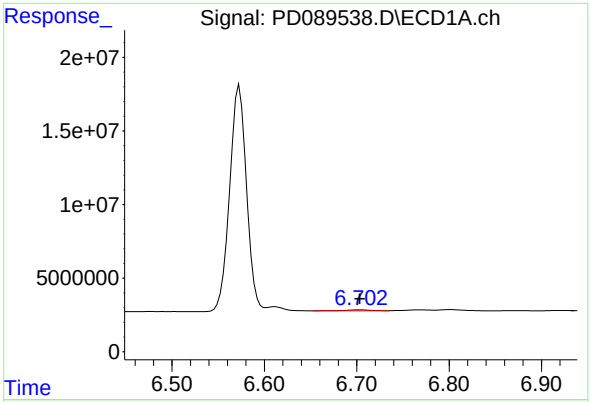
#15 Endosulfan II

R.T.: 6.769 min
Delta R.T.: -0.015 min
Response: 1242782
Conc: 0.31 ng/ml



#15 Endosulfan II

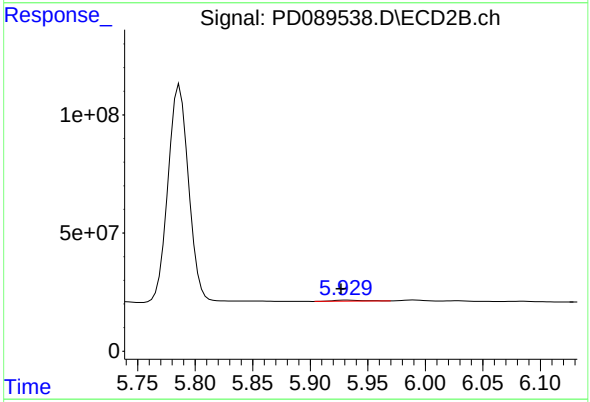
R.T.: 6.084 min
Delta R.T.: 0.006 min
Response: 1093245
Conc: 0.05 ng/ml



#16 4,4'-DDD

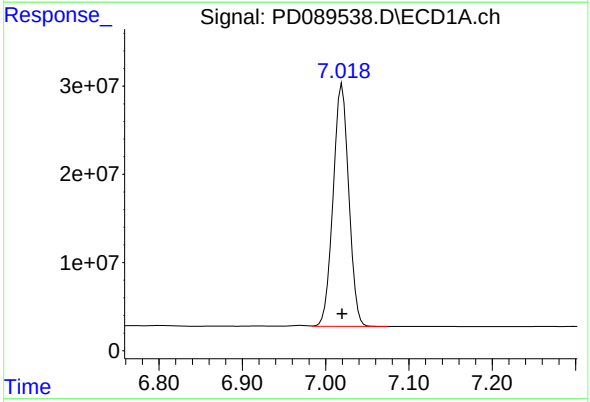
R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 1269926
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



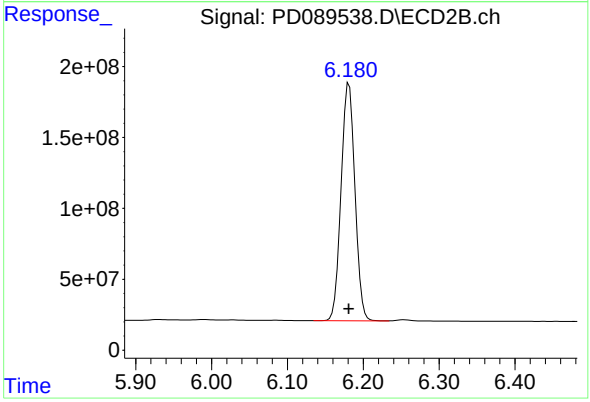
#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: 0.004 min
Response: 7637803
Conc: 0.35 ng/ml



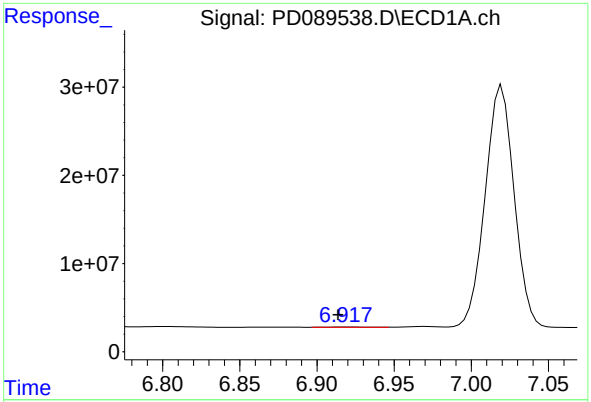
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 359179896
Conc: 95.20 ng/ml



#17 4,4'-DDT

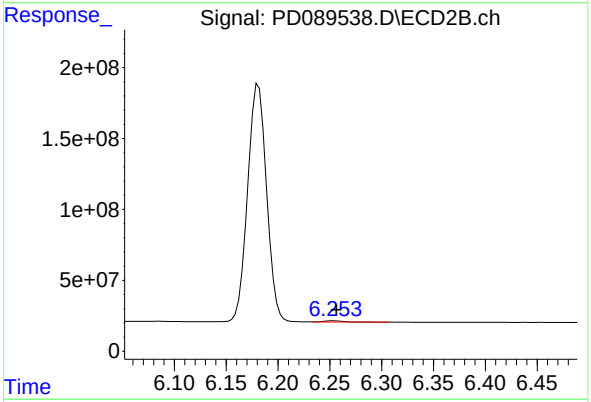
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 2130603297
Conc: 91.02 ng/ml



#18 Endrin aldehyde

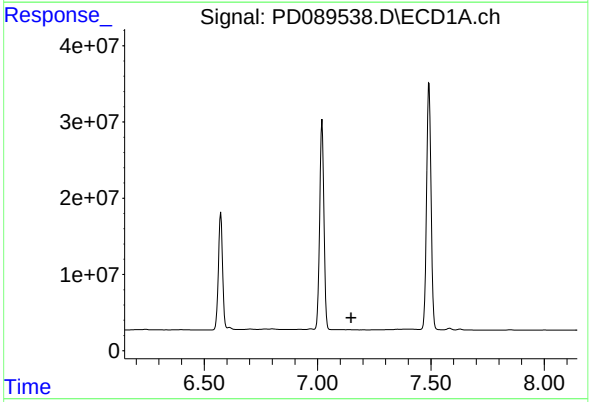
R.T.: 6.919 min
Delta R.T.: 0.005 min
Response: 594479
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



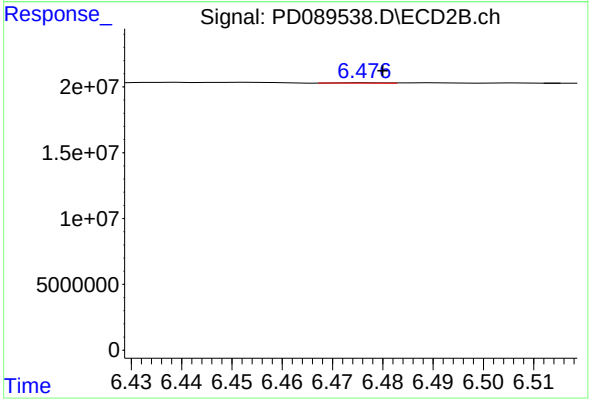
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 9624267
Conc: 0.58 ng/ml



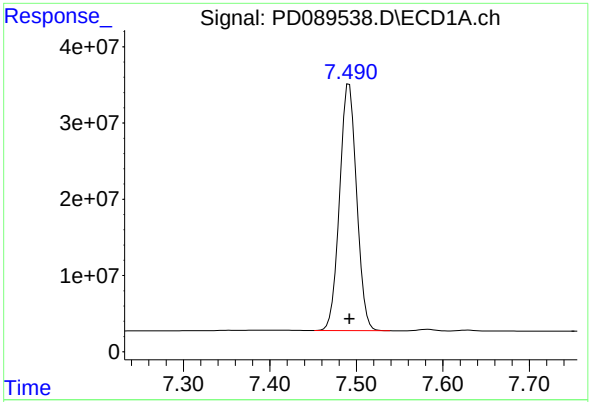
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.148 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

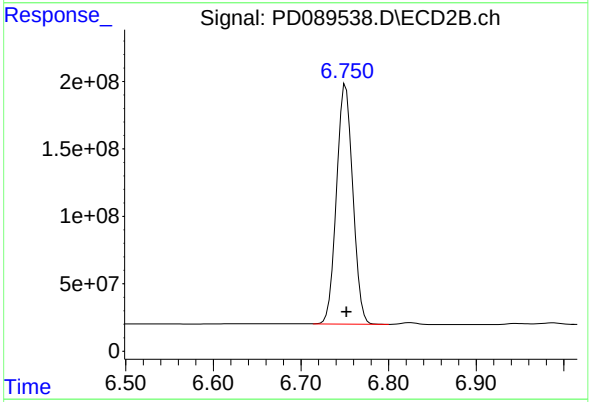
R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 162455
Conc: 0.01 ng/ml



#20 Methoxychlor

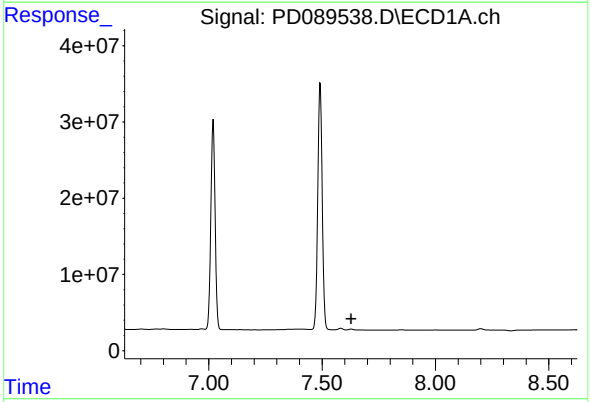
R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 440313209
Conc: 219.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



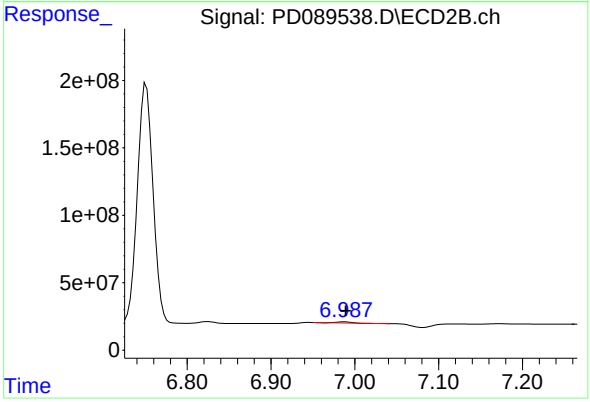
#20 Methoxychlor

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 2299805464
Conc: 188.63 ng/ml



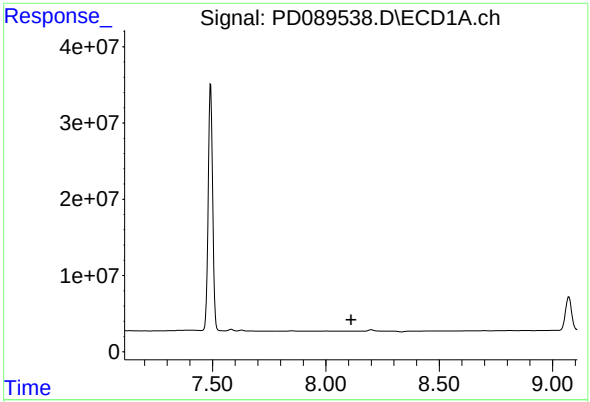
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: -90683
Conc: N.D.



#21 Endrin ketone

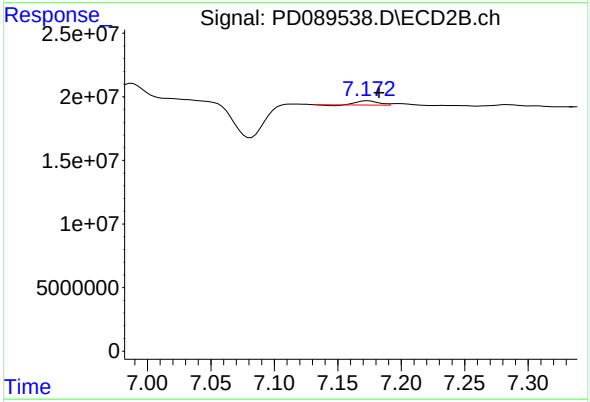
R.T.: 6.988 min
Delta R.T.: -0.001 min
Response: 9040078
Conc: 0.37 ng/ml



#22 Mirex

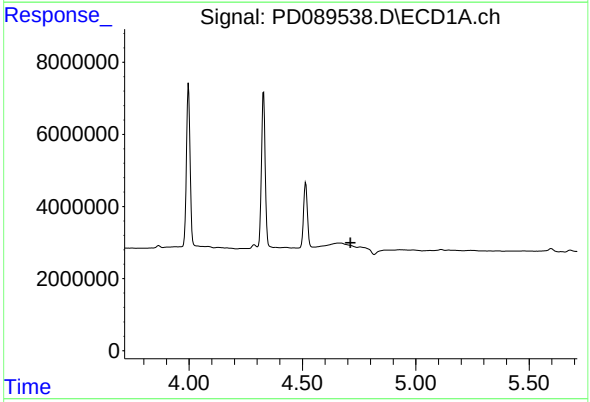
R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



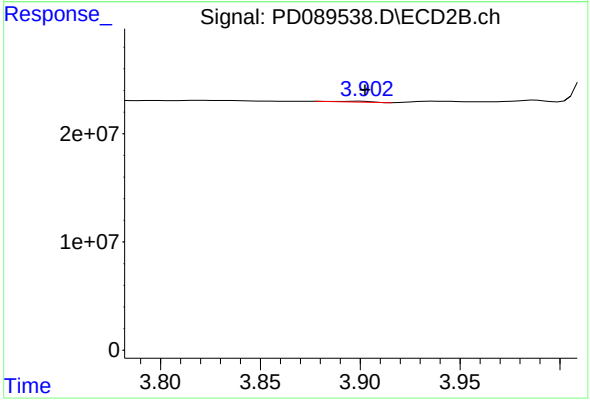
#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 3755382
Conc: 0.19 ng/ml



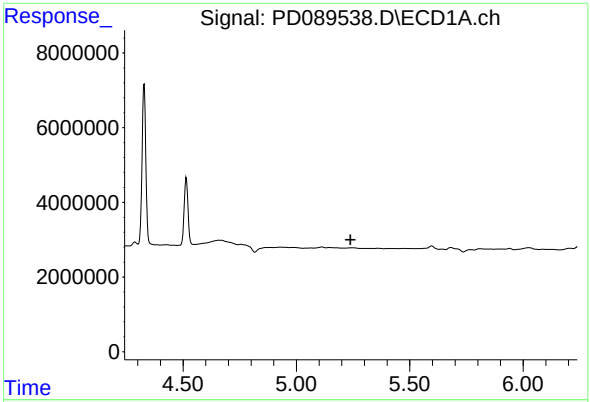
#23 Chlordane-1

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



#23 Chlordane-1

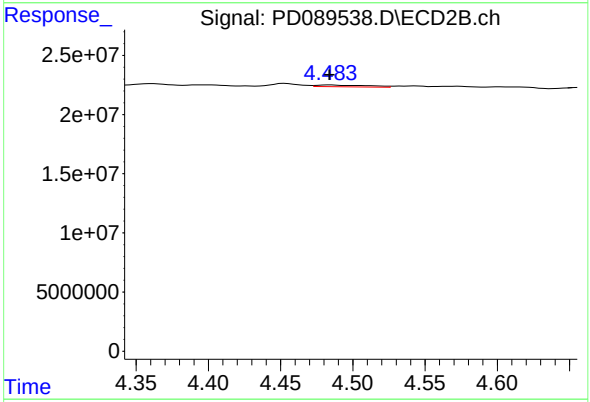
R.T.: 3.901 min
Delta R.T.: -0.002 min
Response: 908164
Conc: 0.98 ng/ml



#24 Chlordane-2

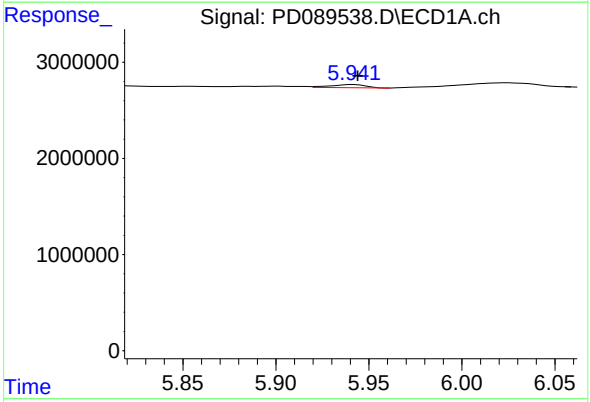
R.T.: 0.000 min
Exp R.T. : 5.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



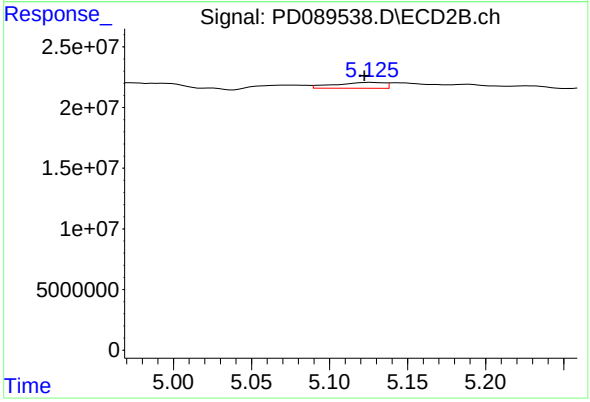
#24 Chlordane-2

R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 3771235
Conc: 3.85 ng/ml



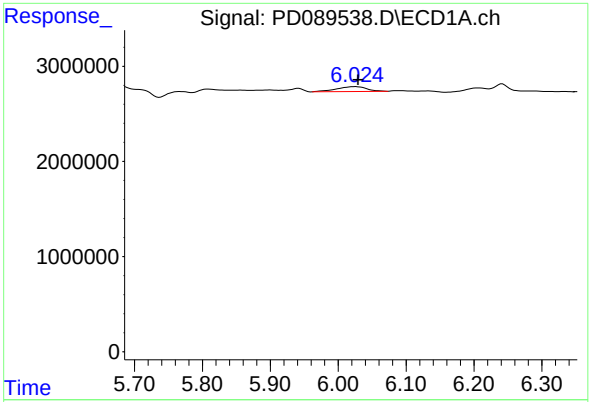
#25 Chlordane-3

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 441851
Conc: 0.57 ng/ml



#25 Chlordane-3

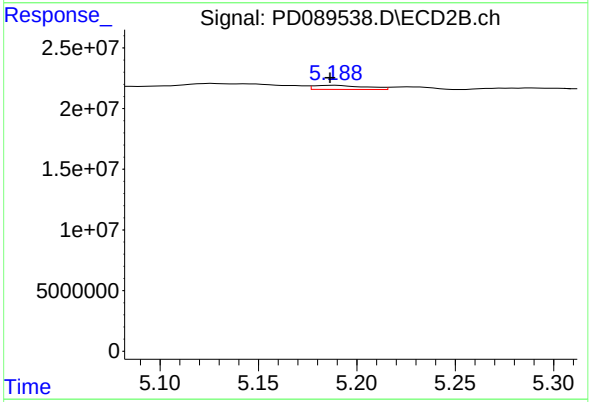
R.T.: 5.127 min
Delta R.T.: 0.005 min
Response: 10666540
Conc: 3.69 ng/ml



#26 Chlordane-4

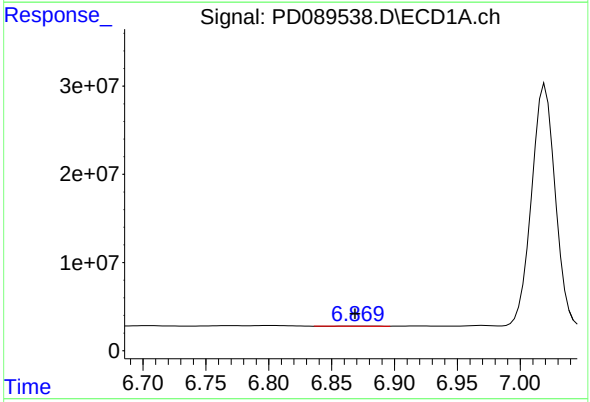
R.T.: 6.025 min
Delta R.T.: -0.004 min
Response: 1583084
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



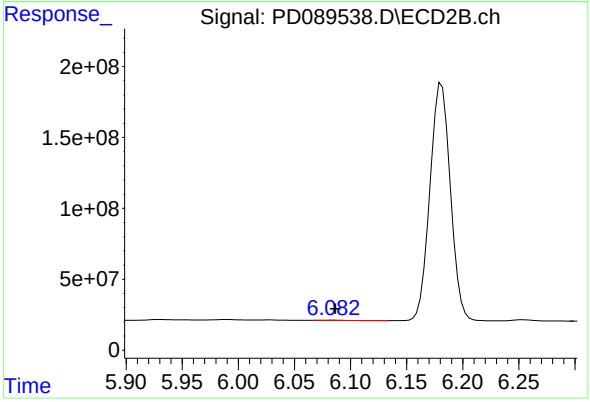
#26 Chlordane-4

R.T.: 5.189 min
Delta R.T.: 0.003 min
Response: 6110452
Conc: 2.53 ng/ml



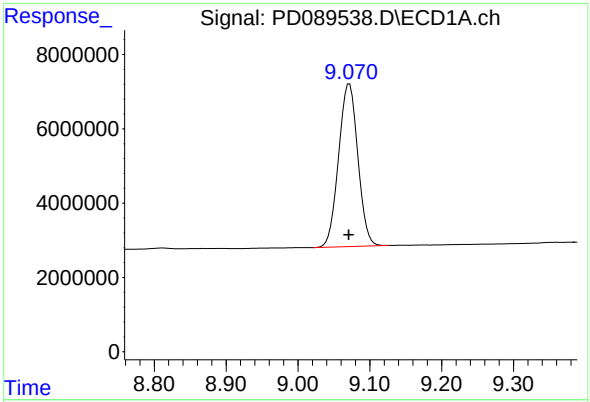
#27 Chlordane-5

R.T.: 6.870 min
Delta R.T.: 0.002 min
Response: 254529
Conc: 1.54 ng/ml



#27 Chlordane-5

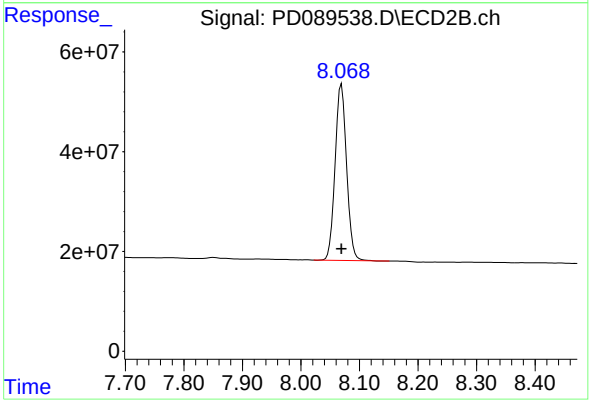
R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 1093245
Conc: 0.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.001 min
Response: 81289525
Conc: 19.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 481497610
Conc: 19.60 ng/ml