Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
Data File : PD071837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2022 01:13
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 13 05:39:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	2.804	3.562	55696385	745.3E6	22.777	25.973	
28)	SA Decachlor...	7.994	9.088	51294556	222.9E6	20.361	23.977	
	Target Compounds							
2)	A alpha-BHC	3.313	4.028	43056514	544.7E6	11.172	13.574	
3)	MA gamma-BHC...	3.646	4.363	38001339	456.5E6	10.823	13.904	#
4)	MA Heptachlor	0.000	4.961f	0	1675457	N.D.	0.069	#
5)	MB Aldrin	0.000	5.306f	0	227905	N.D.	0.011	#
6)	B beta-BHC	3.945	4.570	18428957	185.1E6	12.164	14.005	
8)	B Heptachlo...	0.000	5.706	0	3317100	N.D.	0.215	#
9)	A Endosulfan I	5.174f	6.104	236288	1249374	0.074	0.085	
10)	B gamma-Chl...	0.000	5.940f	0	3301531	N.D.	0.205	#
11)	B alpha-Chl...	0.000	6.033	0	3205531	N.D.	0.205	#
12)	B 4,4'-DDE	5.291	6.219	447188	3654328	0.146	0.248	#
13)	MA Dieldrin	5.419	6.403f	241983	2852894	0.072	0.188	#
14)	MA Endrin	5.700	6.612	145.9E6	671.9E6	49.250	53.194	
15)	B Endosulfa...	6.011f	6.840	1188677	12614560	0.432	1.019	#
16)	A 4,4'-DDD	5.848	6.745	6618817	38262392	2.610	3.219	
17)	MA 4,4'-DDT	6.102	7.055	290.7E6	1258.3E6	110.431	101.859	
18)	B Endrin al...	6.177	6.969	6519421	28126671	2.948	2.913	
19)	B Endosulfa...	6.389	0.000	424982	0	0.158	N.D.	#
20)	A Methoxychlor	6.681	7.532	365.9E6	1472.4E6	244.372	242.206	
21)	B Endrin ke...	6.910	7.694	10504014	48345489	3.501	3.887	
22)	Mirex	7.107	0.000	24552	0	0.010	N.D.	#
24)	Chlordane-2	4.388	5.242f	555616	182439	4.553	0.264	#
25)	Chlordane-3	0.000	5.940f	0	3301531	N.D.	1.503	#
26)	Chlordane-4	0.000	6.033	0	3205531	N.D.	1.247	#
27)	Chlordane-5	6.011	0.000	1188677	0	9.528	N.D.	#

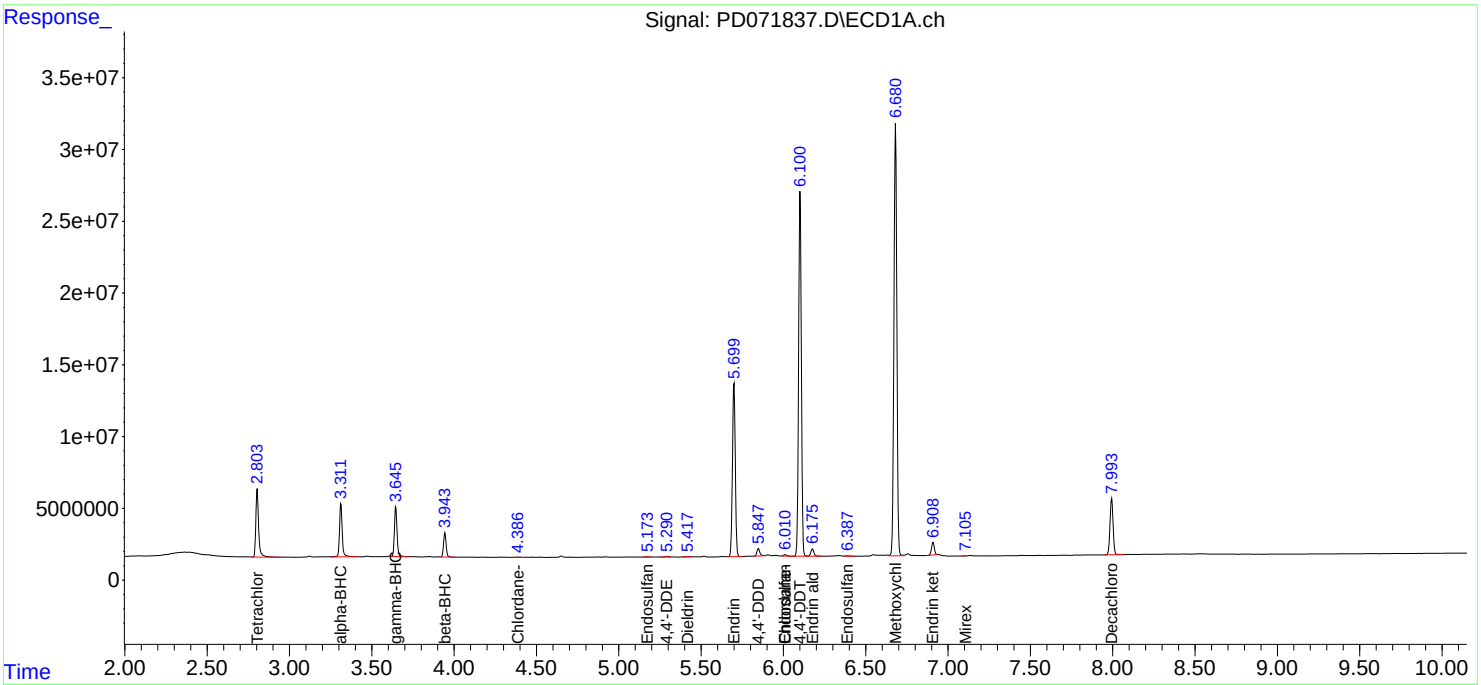
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

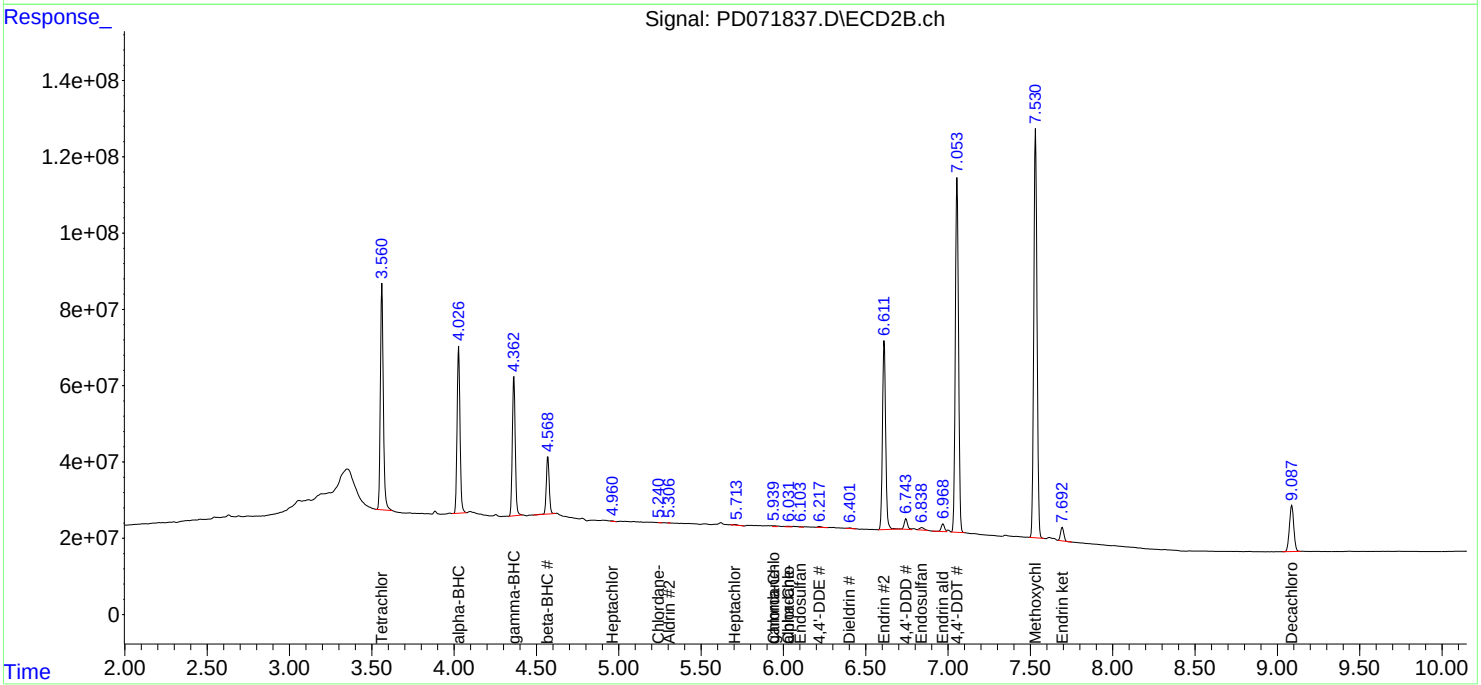
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
Data File : PD071837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2022 01:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

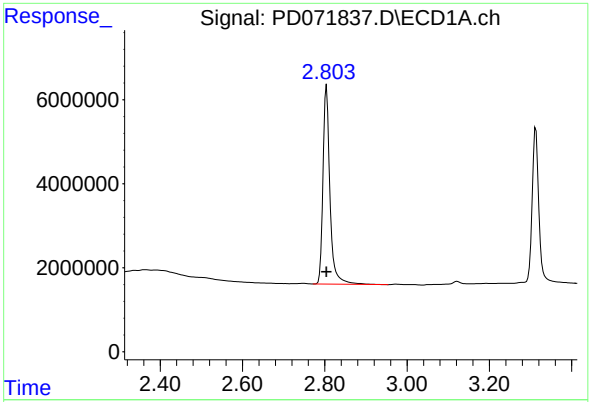
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 05:39:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



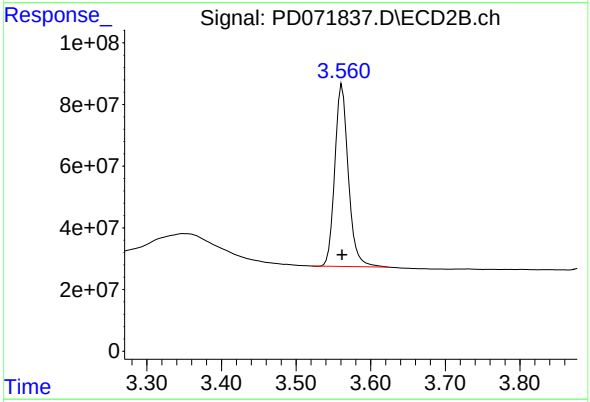




#1 Tetrachloro-m-xylene

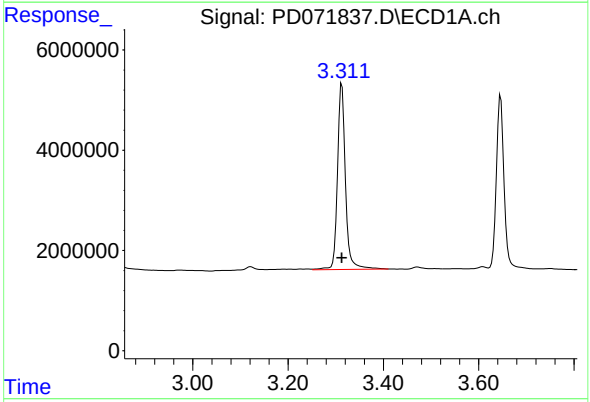
R.T.: 2.804 min
Delta R.T.: 0.000 min
Response: 55696385
Conc: 22.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



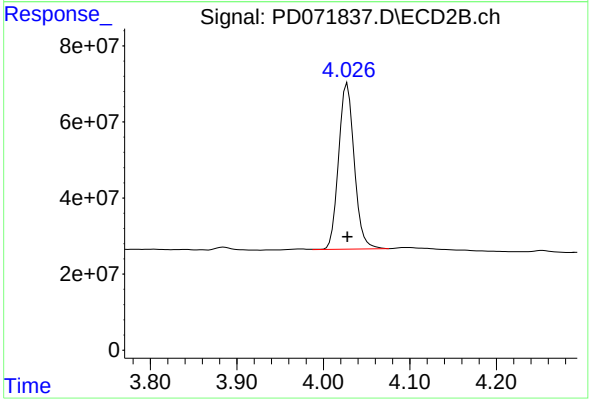
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 745321725
Conc: 25.97 ng/ml



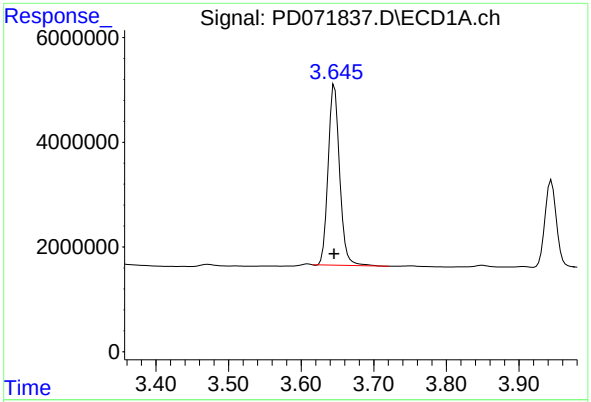
#2 alpha-BHC

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 43056514
Conc: 11.17 ng/ml



#2 alpha-BHC

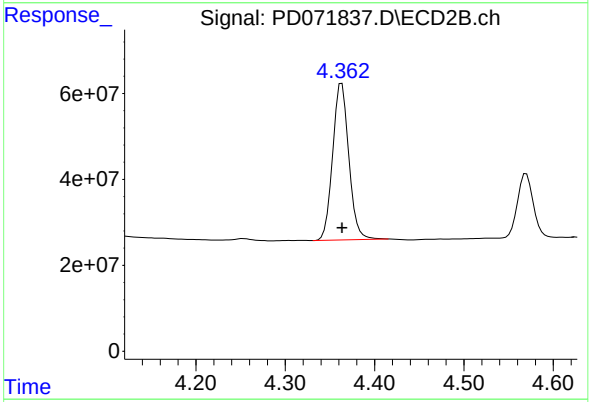
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 544697812
Conc: 13.57 ng/ml



#3 gamma-BHC (Lindane)

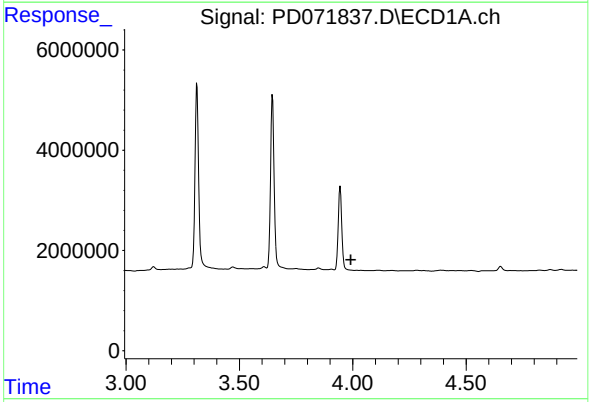
R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 38001339
Conc: 10.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



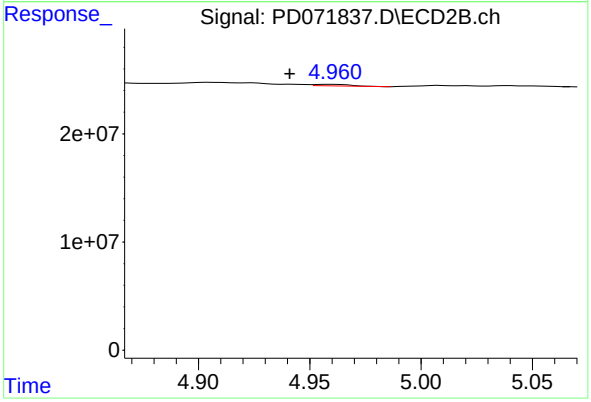
#3 gamma-BHC (Lindane)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 456519036
Conc: 13.90 ng/ml



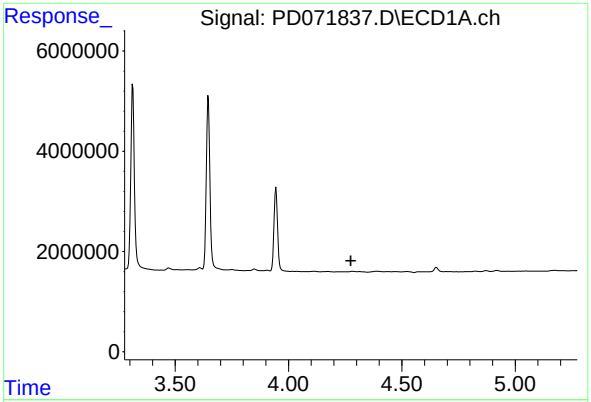
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.992 min
Response: 0
Conc: N.D.



#4 Heptachlor

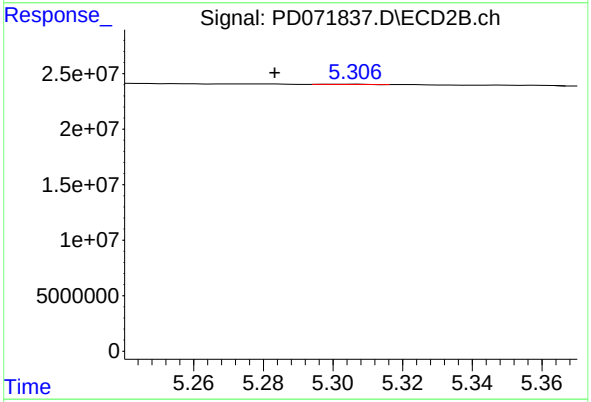
R.T.: 4.961 min
Delta R.T.: 0.020 min
Response: 1675457
Conc: 0.07 ng/ml



#5 Aldrin

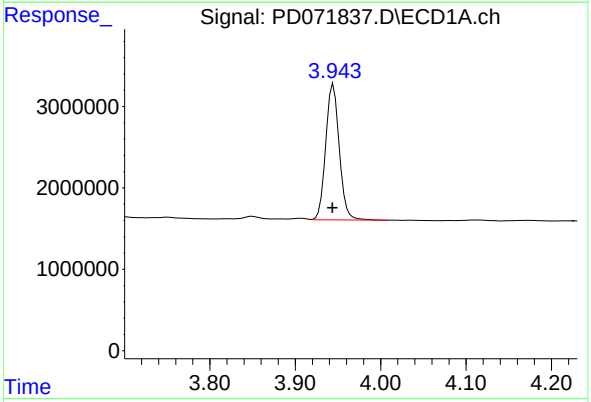
R.T.: 0.000 min
Exp R.T. : 4.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



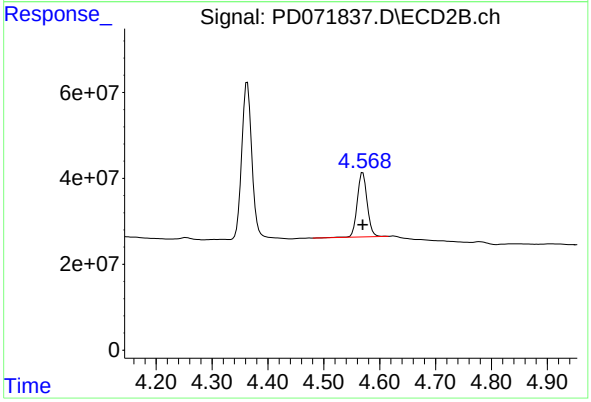
#5 Aldrin

R.T.: 5.306 min
Delta R.T.: 0.023 min
Response: 227905
Conc: 0.01 ng/ml



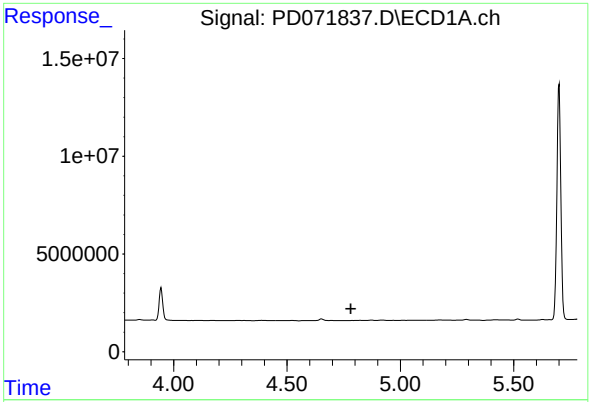
#6 beta-BHC

R.T.: 3.945 min
Delta R.T.: 0.001 min
Response: 18428957
Conc: 12.16 ng/ml



#6 beta-BHC

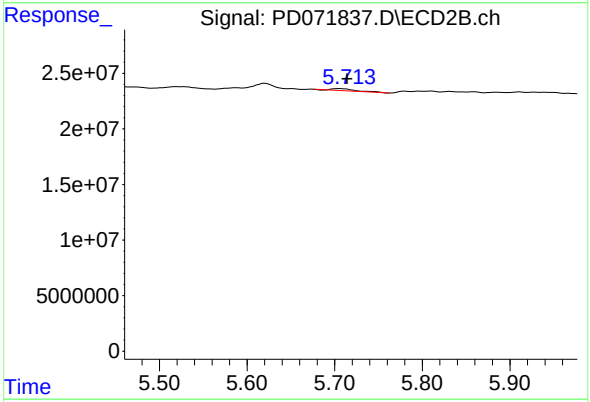
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 185105526
Conc: 14.01 ng/ml



#8 Heptachlor epoxide

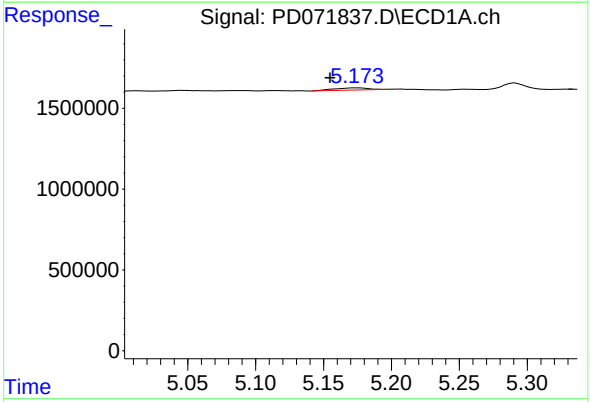
R.T.: 0.000 min
Exp R.T. : 4.781 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



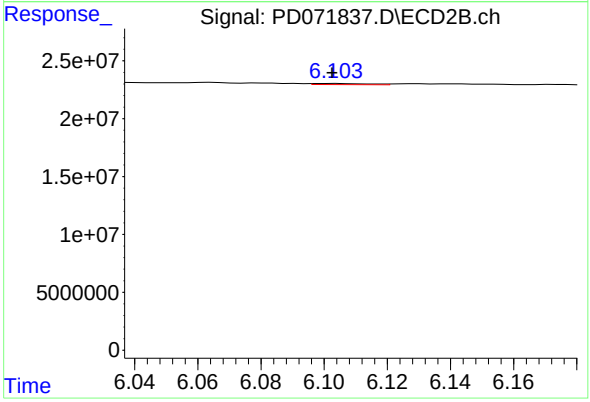
#8 Heptachlor epoxide

R.T.: 5.706 min
Delta R.T.: -0.008 min
Response: 3317100
Conc: 0.22 ng/ml



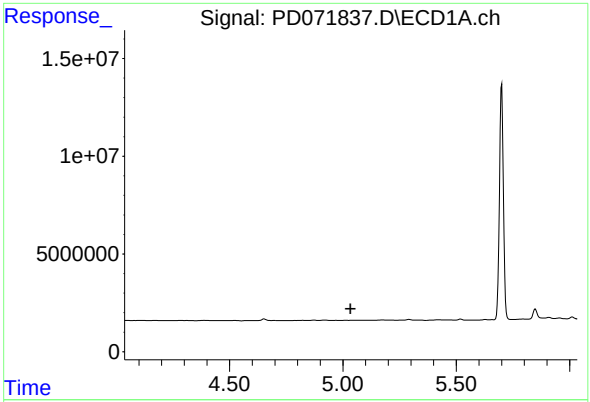
#9 Endosulfan I

R.T.: 5.174 min
Delta R.T.: 0.019 min
Response: 236288
Conc: 0.07 ng/ml



#9 Endosulfan I

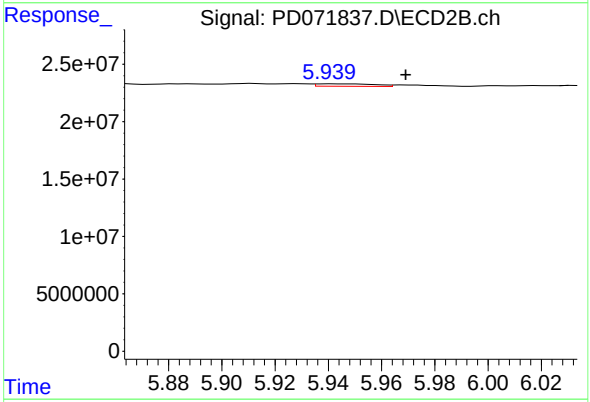
R.T.: 6.104 min
Delta R.T.: 0.002 min
Response: 1249374
Conc: 0.08 ng/ml



#10 gamma-Chlordane

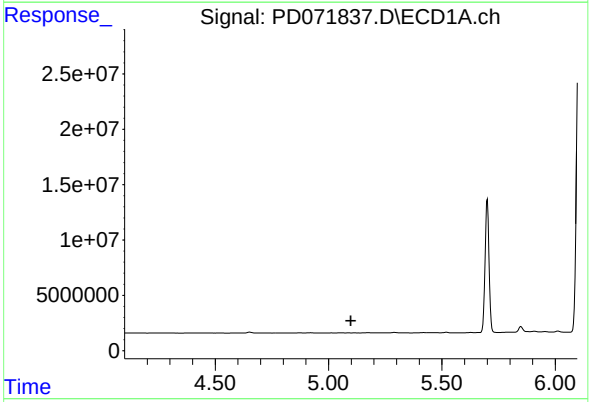
R.T.: 0.000 min
Exp R.T. : 5.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



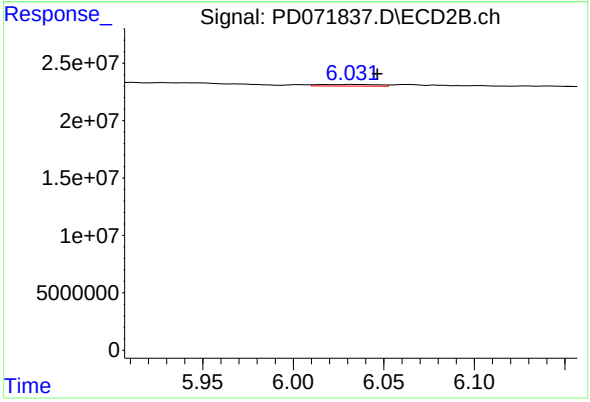
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.029 min
Response: 3301531
Conc: 0.21 ng/ml



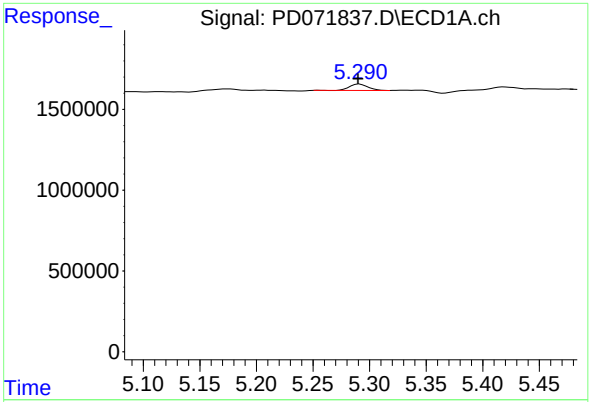
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

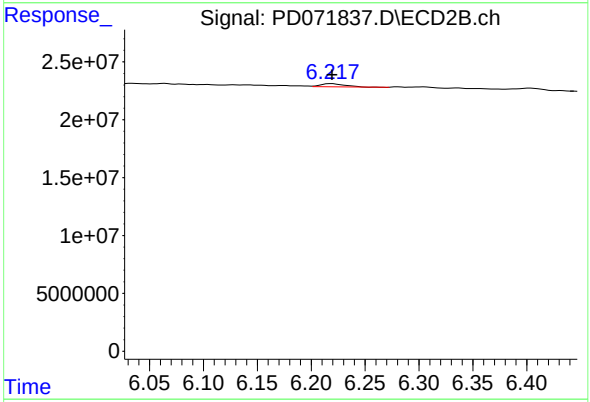
R.T.: 6.033 min
Delta R.T.: -0.013 min
Response: 3205531
Conc: 0.21 ng/ml



#12 4,4'-DDE

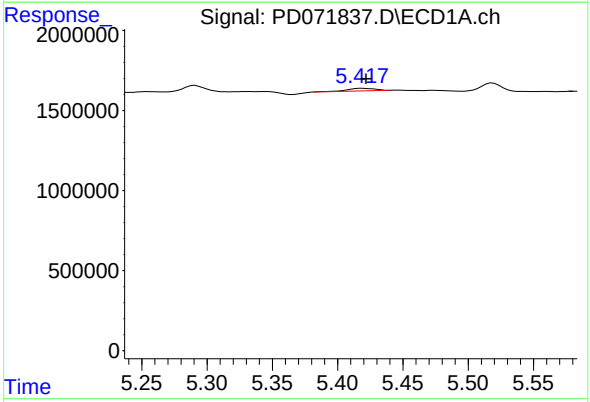
R.T.: 5.291 min
Delta R.T.: 0.002 min
Response: 447188
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



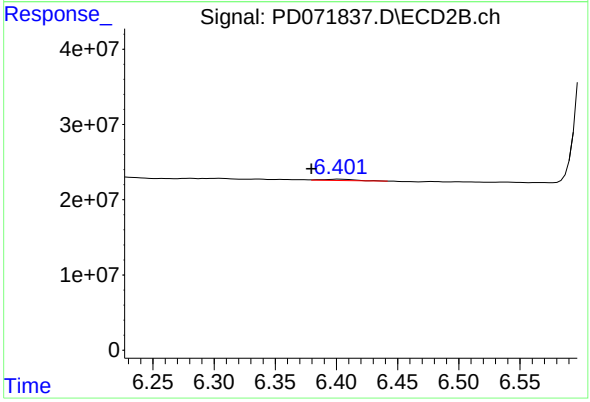
#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 3654328
Conc: 0.25 ng/ml



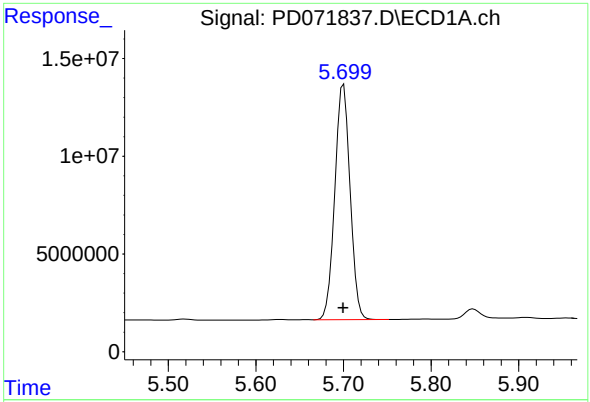
#13 Dieldrin

R.T.: 5.419 min
Delta R.T.: -0.003 min
Response: 241983
Conc: 0.07 ng/ml



#13 Dieldrin

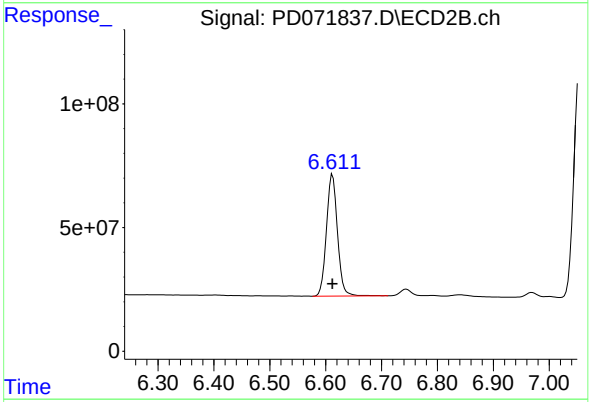
R.T.: 6.403 min
Delta R.T.: 0.023 min
Response: 2852894
Conc: 0.19 ng/ml



#14 Endrin

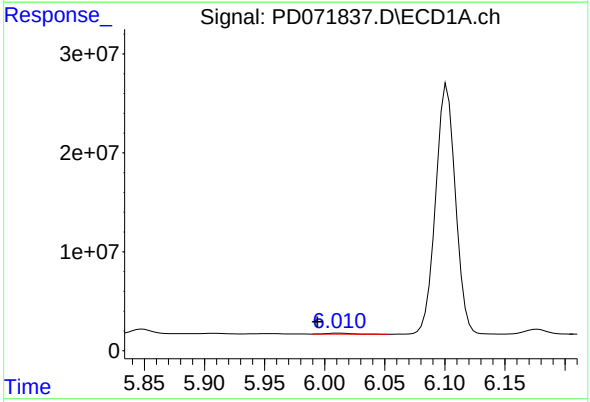
R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 145917811
Conc: 49.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



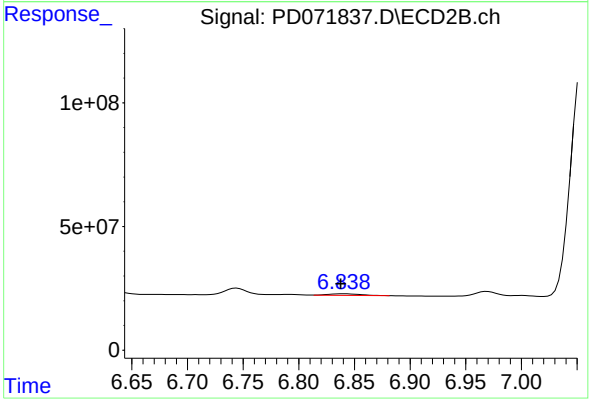
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 671868446
Conc: 53.19 ng/ml



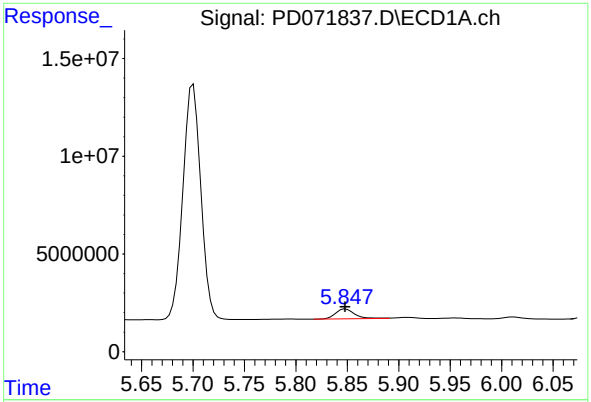
#15 Endosulfan II

R.T.: 6.011 min
Delta R.T.: 0.018 min
Response: 1188677
Conc: 0.43 ng/ml



#15 Endosulfan II

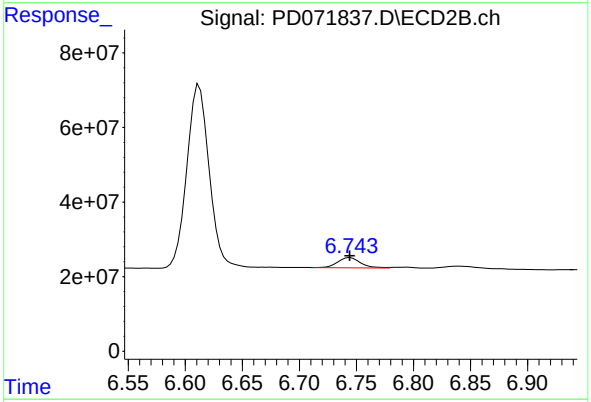
R.T.: 6.840 min
Delta R.T.: 0.002 min
Response: 12614560
Conc: 1.02 ng/ml



#16 4,4'-DDD

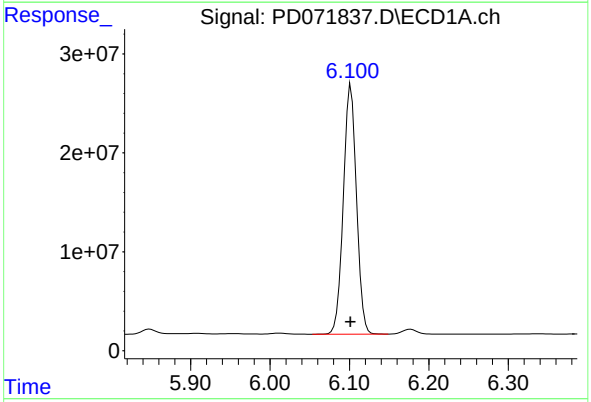
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 6618817
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



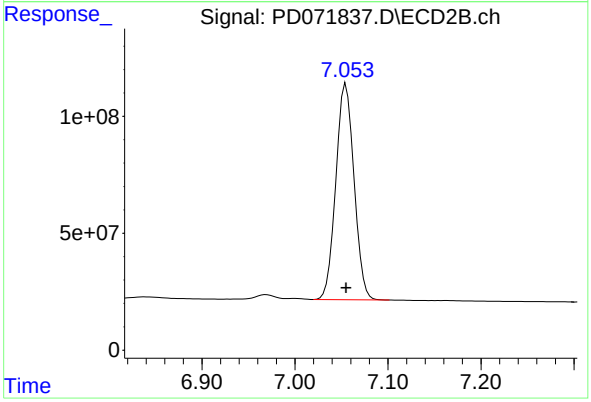
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 38262392
Conc: 3.22 ng/ml



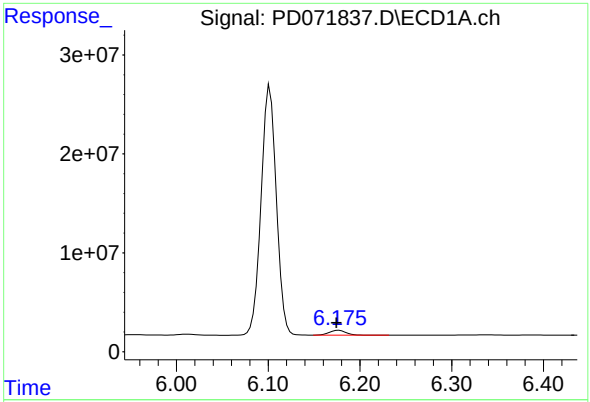
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 290653694
Conc: 110.43 ng/ml



#17 4,4'-DDT

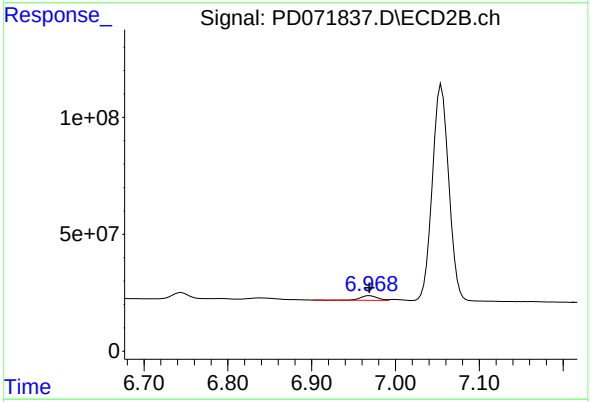
R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 1258343328
Conc: 101.86 ng/ml



#18 Endrin aldehyde

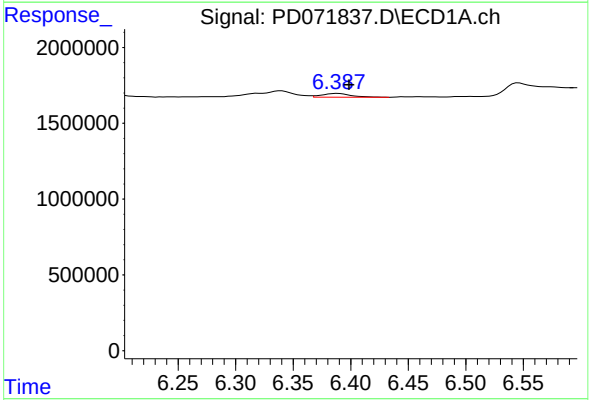
R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 6519421
Conc: 2.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



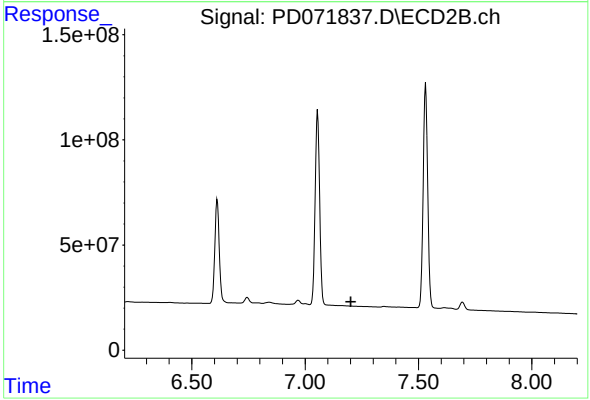
#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 28126671
Conc: 2.91 ng/ml



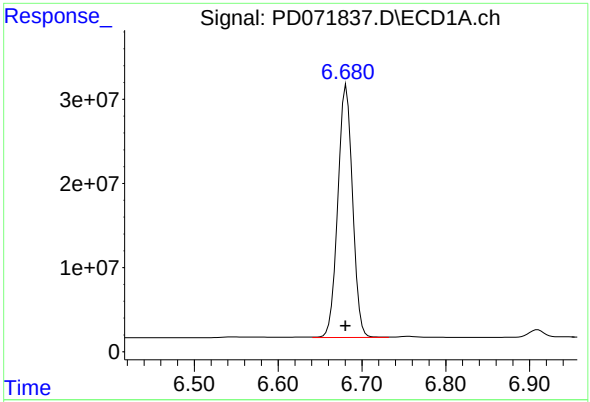
#19 Endosulfan Sulfate

R.T.: 6.389 min
Delta R.T.: -0.010 min
Response: 424982
Conc: 0.16 ng/ml



#19 Endosulfan Sulfate

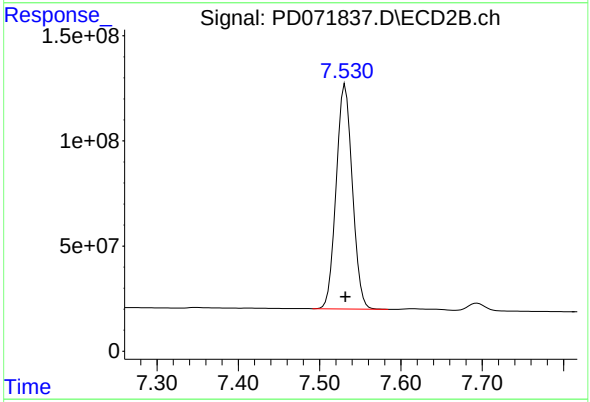
R.T.: 0.000 min
Exp R.T. : 7.202 min
Response: 0
Conc: N.D.



#20 Methoxychlor

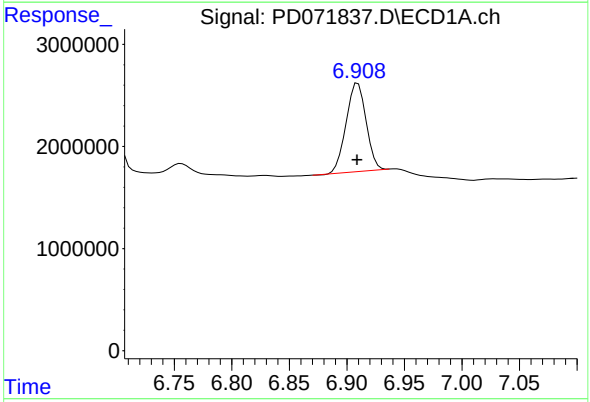
R.T.: 6.681 min
Delta R.T.: 0.001 min
Response: 365910818
Conc: 244.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



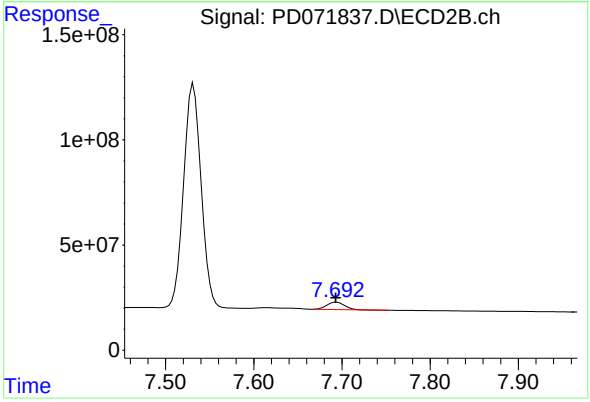
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 1472398078
Conc: 242.21 ng/ml



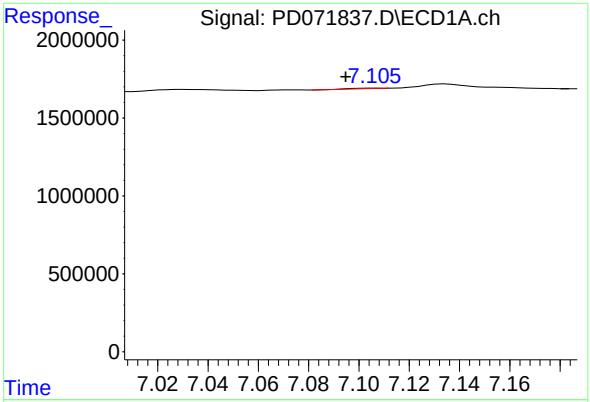
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 10504014
Conc: 3.50 ng/ml



#21 Endrin ketone

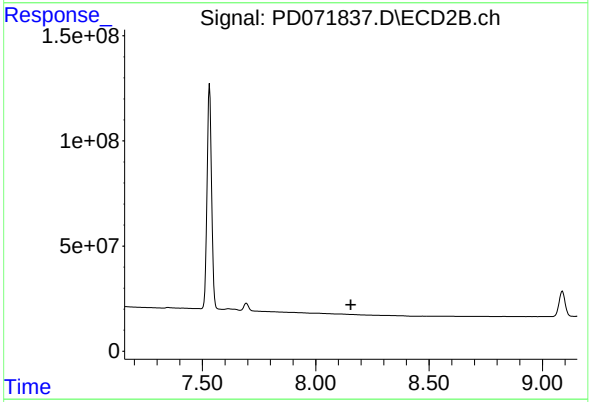
R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 48345489
Conc: 3.89 ng/ml



#22 Mirex

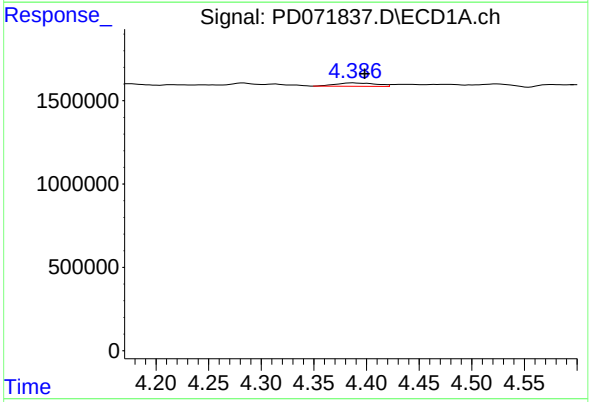
R.T.: 7.107 min
Delta R.T.: 0.012 min
Response: 24552
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



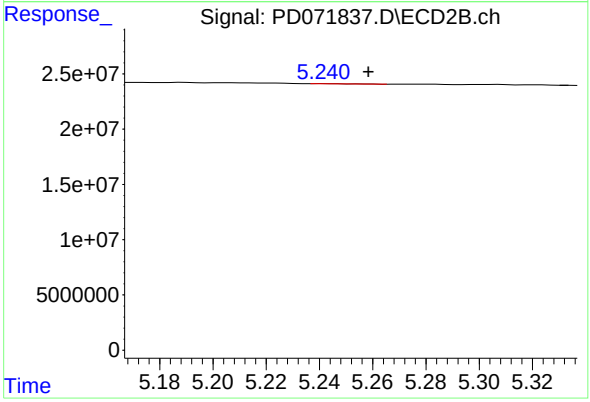
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.155 min
Response: 0
Conc: N.D.



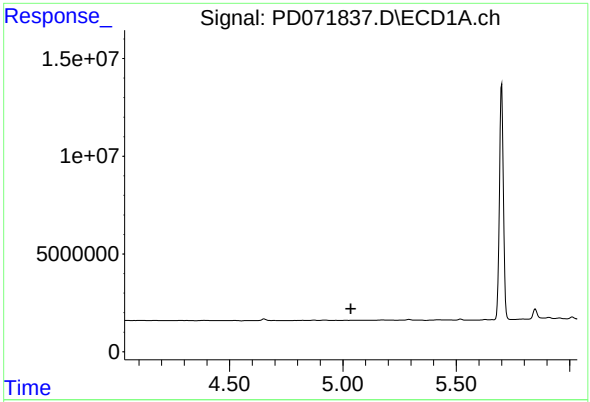
#24 Chlordane-2

R.T.: 4.388 min
Delta R.T.: -0.011 min
Response: 555616
Conc: 4.55 ng/ml



#24 Chlordane-2

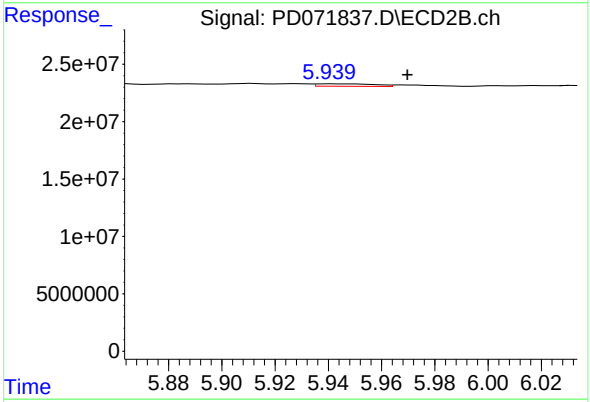
R.T.: 5.242 min
Delta R.T.: -0.016 min
Response: 182439
Conc: 0.26 ng/ml



#25 Chlordane-3

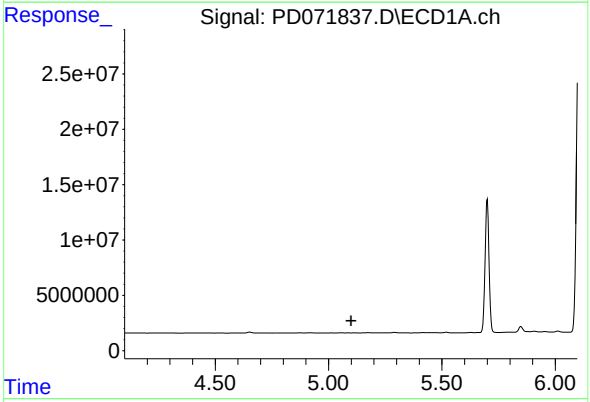
R.T.: 0.000 min
Exp R.T. : 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



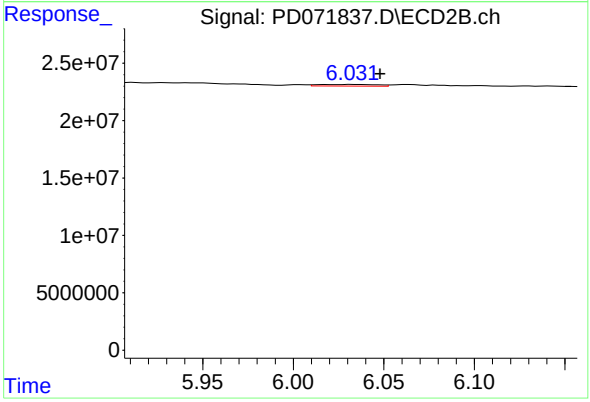
#25 Chlordane-3

R.T.: 5.940 min
Delta R.T.: -0.029 min
Response: 3301531
Conc: 1.50 ng/ml



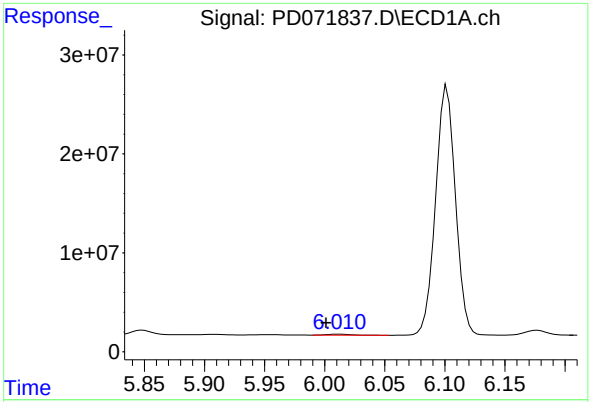
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#26 Chlordane-4

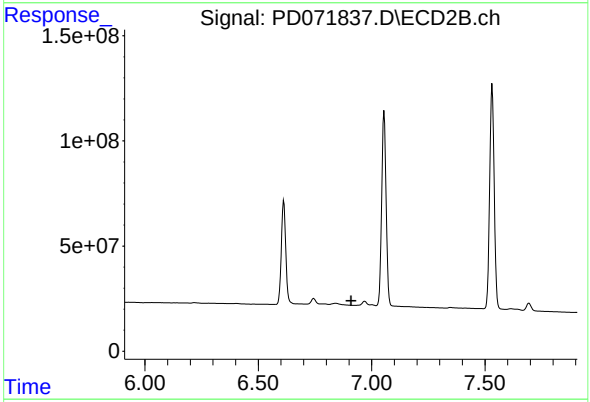
R.T.: 6.033 min
Delta R.T.: -0.015 min
Response: 3205531
Conc: 1.25 ng/ml



#27 Chlordane-5

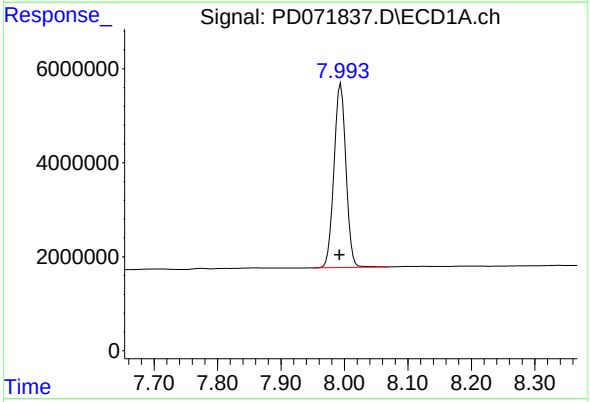
R.T.: 6.011 min
Delta R.T.: 0.010 min
Response: 1188677
Conc: 9.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



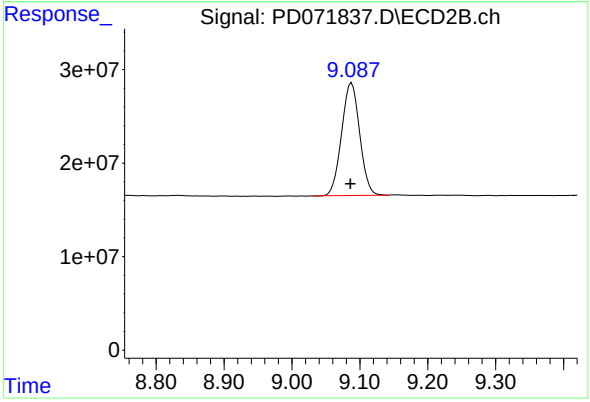
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.909 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: 0.002 min
Response: 51294556
Conc: 20.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.002 min
Response: 222916372
Conc: 23.98 ng/ml