Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
Data File : PD069539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2022 19:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 03:20:51 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
Quant Title : GC Extractables
QLast Update : Mon Apr 18 13:40:55 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...	3.443	4.172	25461872	238.2E6	22.937	22.217	
28)	SA Decachlor...	8.196	9.364	29496873	158.2E6	23.623	24.179	
	Target Compounds							
2)	A alpha-BHC	3.882	4.567	17982049	179.2E6	11.020	11.623	
3)	MA gamma-BHC...	4.165	4.857	18815831	163.0E6	11.000	11.544	
4)	MA Heptachlor	0.000	5.378	0	227467	N.D.	0.017	#
5)	MB Aldrin	4.709	5.672f	164174	281901	0.113	0.021	#
6)	B beta-BHC	4.415	5.021	9042853	77077128	13.007	12.546	
7)	B delta-BHC	0.000	5.224f	0	15075593	N.D.	1.124	#
8)	B Heptachlo...	5.154	6.100	444303	6541858	0.324	0.553	#
9)	A Endosulfan I	0.000	6.435	0	4385419	N.D.	0.406	#
10)	B gamma-Chl...	5.379	6.322	150191	6638889	0.108	0.570	#
11)	B alpha-Chl...	0.000	6.403	0	8205254	N.D.	0.717	#
12)	B 4,4'-DDE	5.603	6.547	1310437	9814778	1.036	0.909	
13)	MA Dieldrin	0.000	6.706	0	2325535	N.D.	0.209	#
14)	MA Endrin	5.993	6.926	72139877	482.5E6	59.666	53.202	
15)	B Endosulfa...	6.269	7.130	458704	14085620	0.396	1.628	#
16)	A 4,4'-DDD	6.120	7.037	2474093	31257280	2.270	3.629	#
17)	MA 4,4'-DDT	6.359	7.340	129.0E6	883.0E6	119.955	101.800	
18)	B Endrin al...	6.435	7.255	808827	8507390	0.876	1.231	#
20)	A Methoxychlor	6.910	7.793	172.7E6	1030.2E6	271.790	238.969	
21)	B Endrin ke...	7.141	7.955	2396359	16374481	1.702	1.811	
22)	Mirex	0.000	8.396f	0	3349175	N.D.	0.520	#
23)	Chlordane-1	4.342f	0.000	795902	0	19.230	N.D.	#
24)	Chlordane-2	0.000	5.672	0	281901	N.D.	0.614	#
25)	Chlordane-3	5.379	6.322	150191	6638889	1.104	4.078	#
26)	Chlordane-4	0.000	6.403	0	8205254	N.D.	4.328	#
27)	Chlordane-5	6.269	0.000	458704	0	10.143	N.D.	#

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

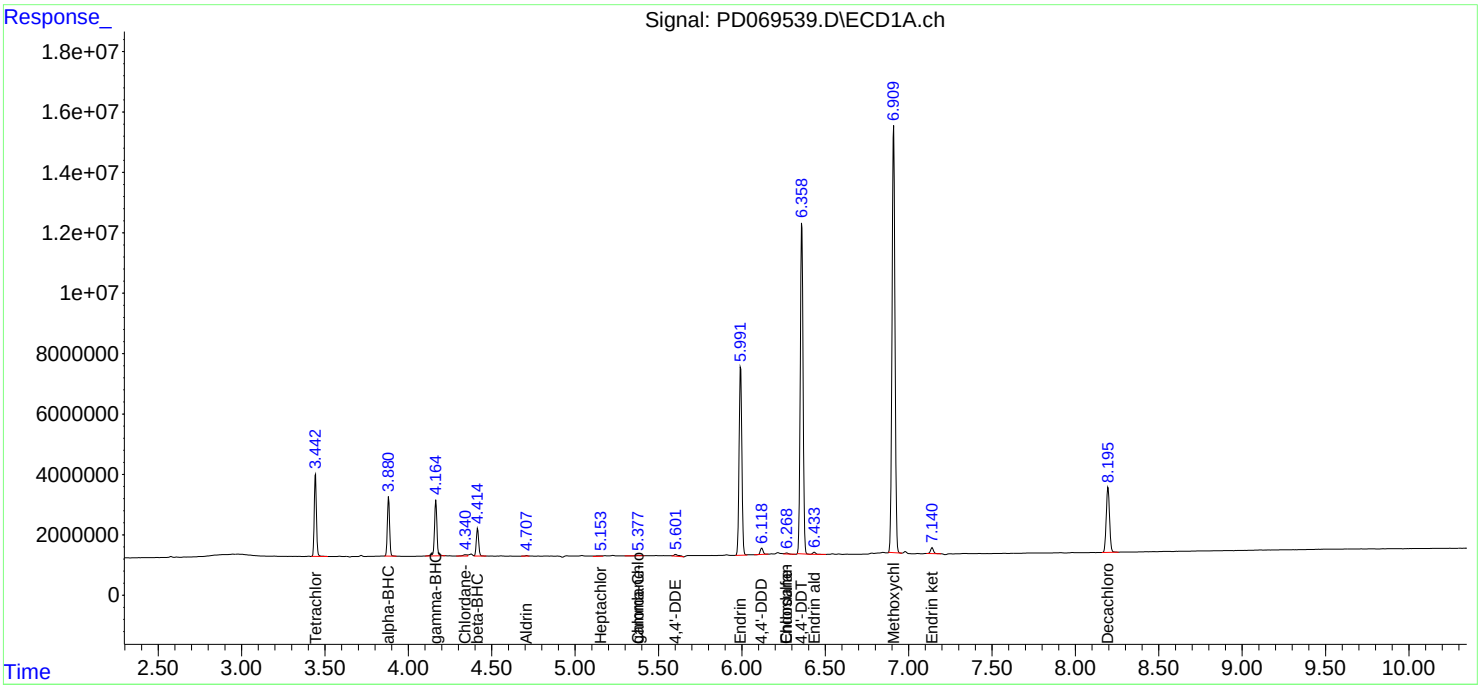
Quantitation Report (Not Reviewed)

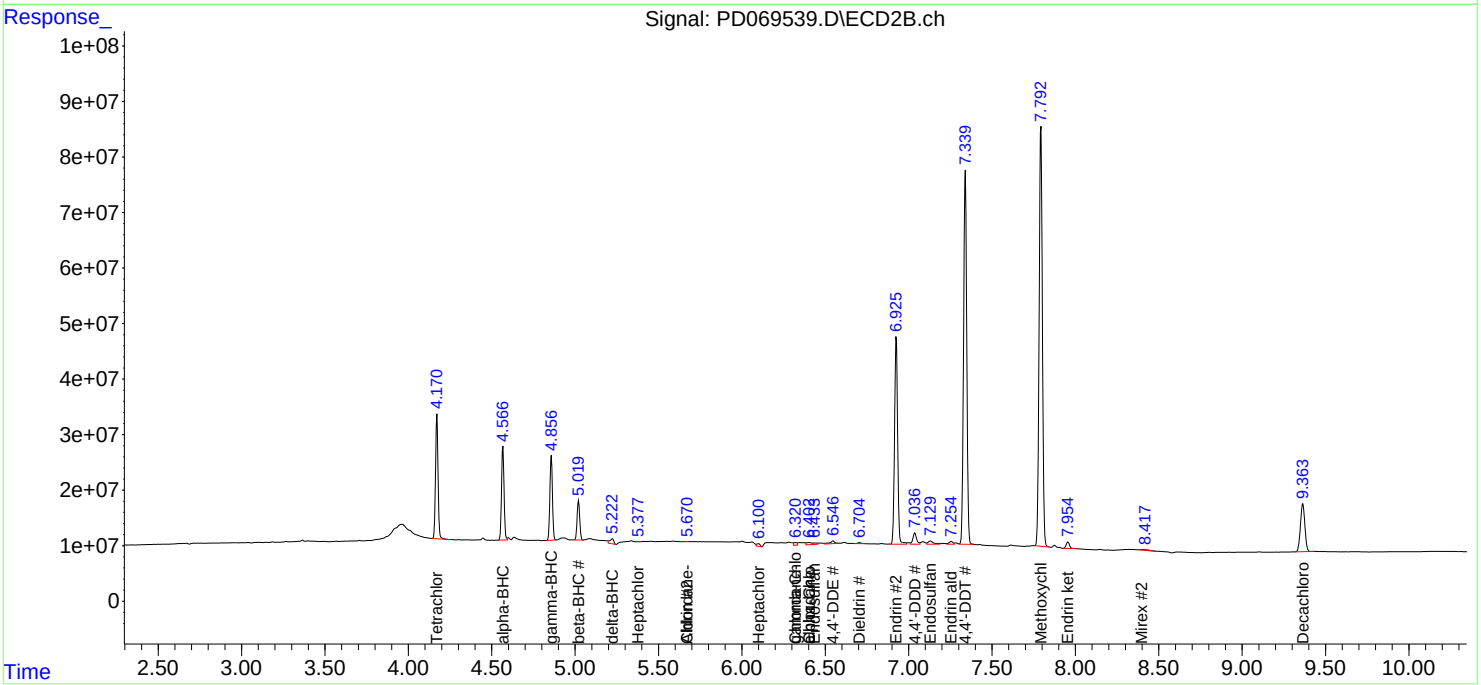
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
Data File : PD069539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2022 19:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

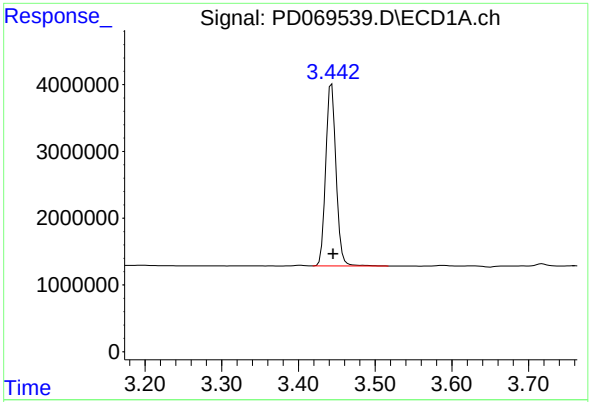
Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 03:20:51 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
Quant Title : GC Extractables
QLast Update : Mon Apr 18 13:40:55 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



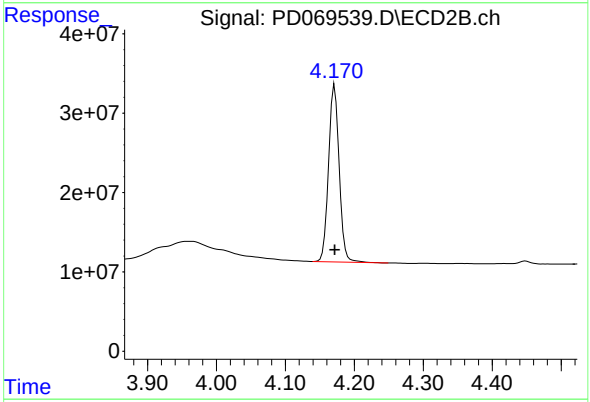




#1 Tetrachloro-m-xylene

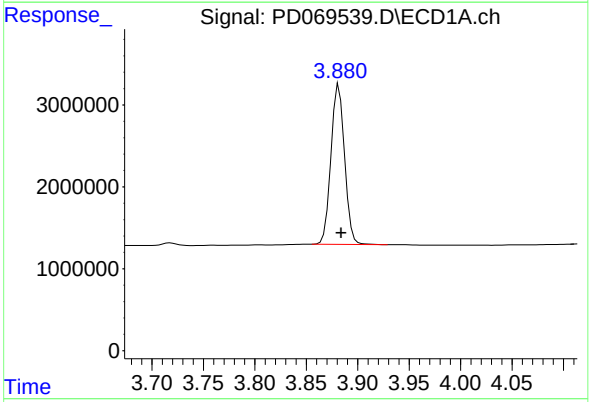
R.T.: 3.443 min
Delta R.T.: -0.002 min
Response: 25461872
Conc: 22.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



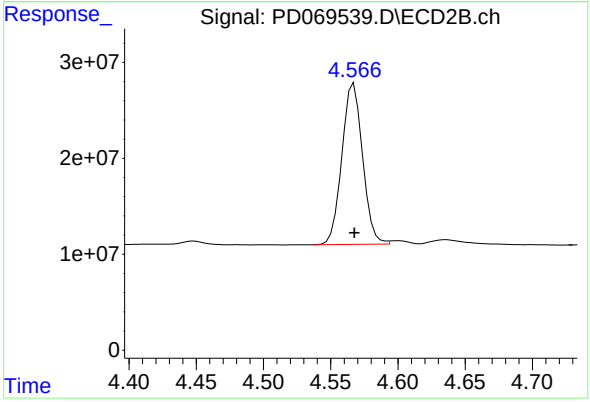
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 238203016
Conc: 22.22 ng/ml



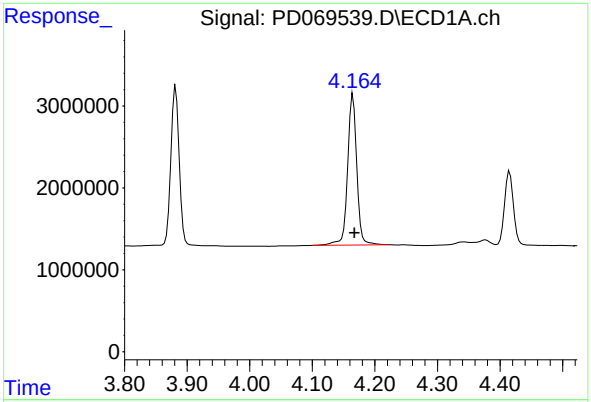
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.002 min
Response: 17982049
Conc: 11.02 ng/ml



#2 alpha-BHC

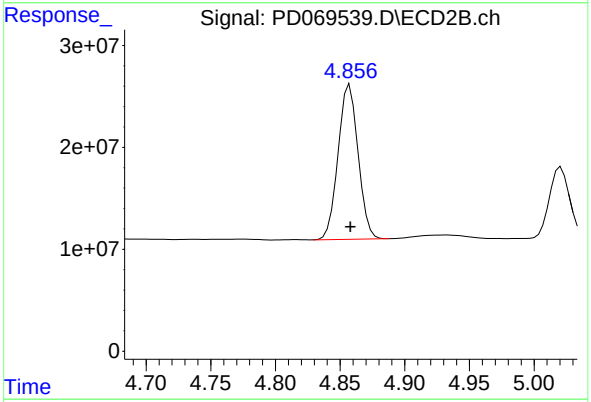
R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 179222654
Conc: 11.62 ng/ml



#3 gamma-BHC (Lindane)

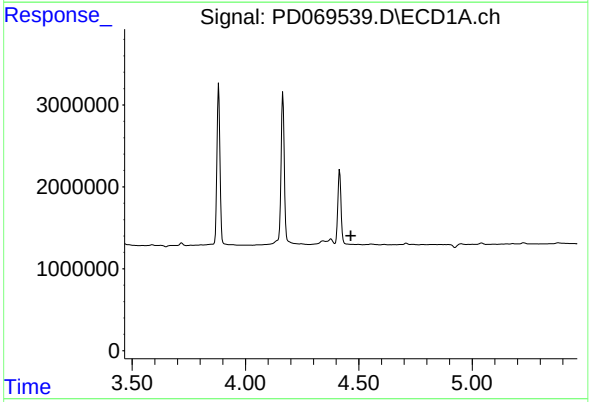
R.T.: 4.165 min
Delta R.T.: -0.002 min
Response: 18815831
Conc: 11.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



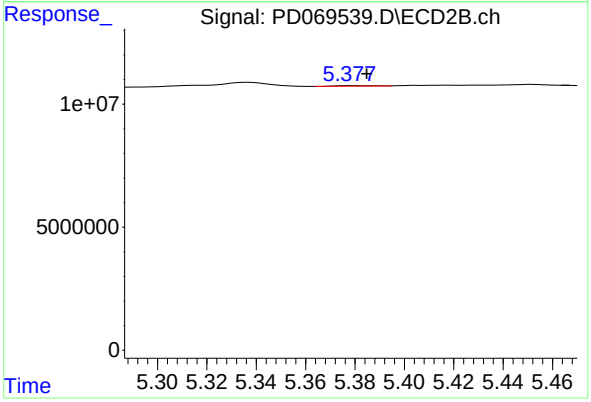
#3 gamma-BHC (Lindane)

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 163011724
Conc: 11.54 ng/ml



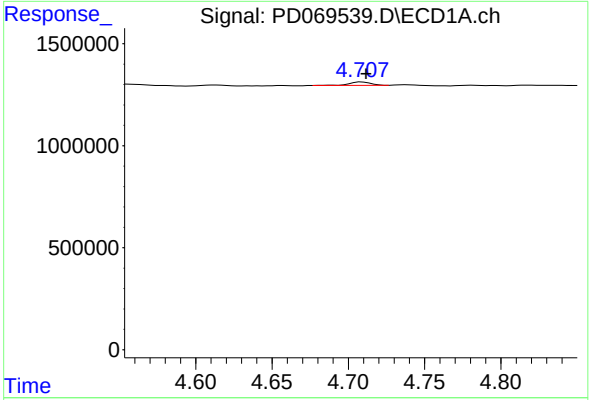
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



#4 Heptachlor

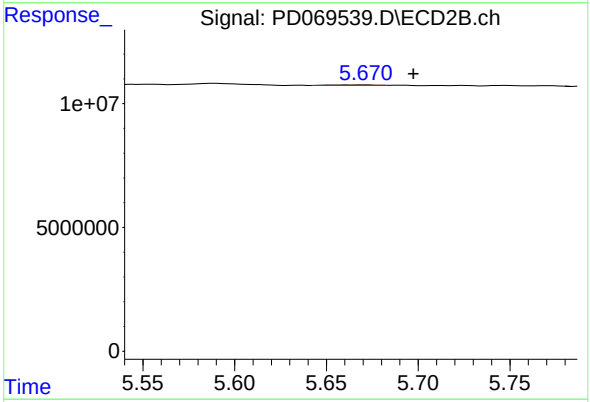
R.T.: 5.378 min
Delta R.T.: -0.006 min
Response: 227467
Conc: 0.02 ng/ml



#5 Aldrin

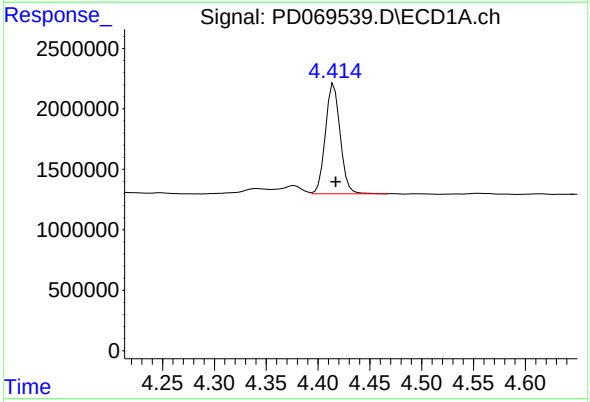
R.T.: 4.709 min
Delta R.T.: -0.003 min
Response: 164174
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



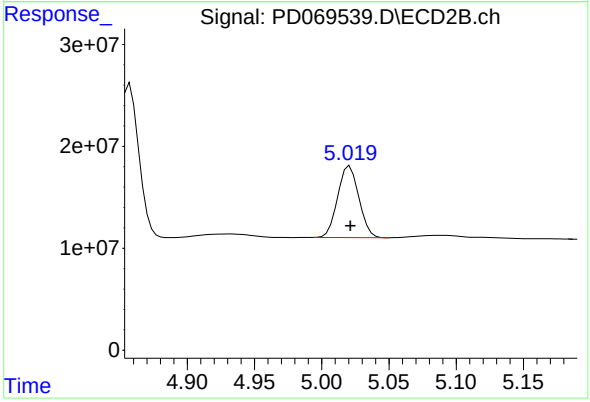
#5 Aldrin

R.T.: 5.672 min
Delta R.T.: -0.026 min
Response: 281901
Conc: 0.02 ng/ml



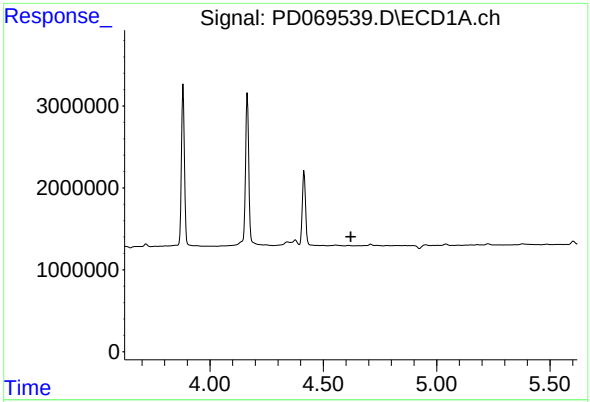
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: -0.002 min
Response: 9042853
Conc: 13.01 ng/ml



#6 beta-BHC

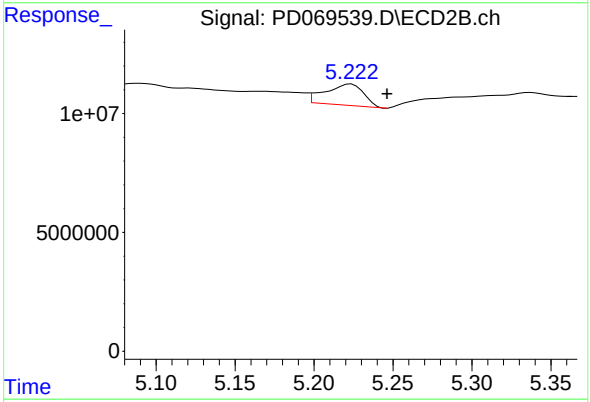
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 77077128
Conc: 12.55 ng/ml



#7 delta-BHC

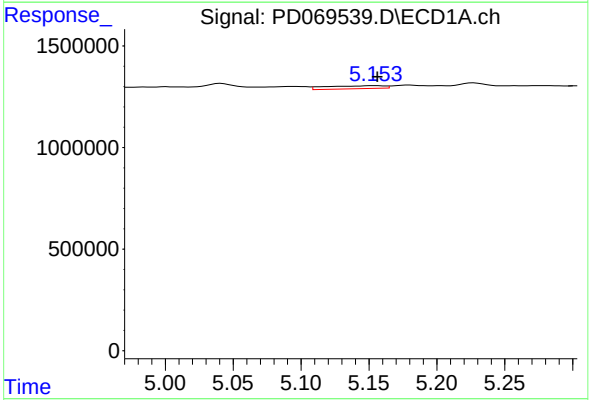
R.T.: 0.000 min
Exp R.T. : 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



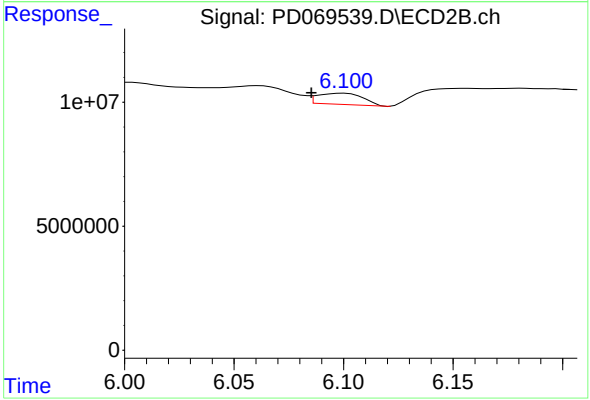
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: -0.023 min
Response: 15075593
Conc: 1.12 ng/ml



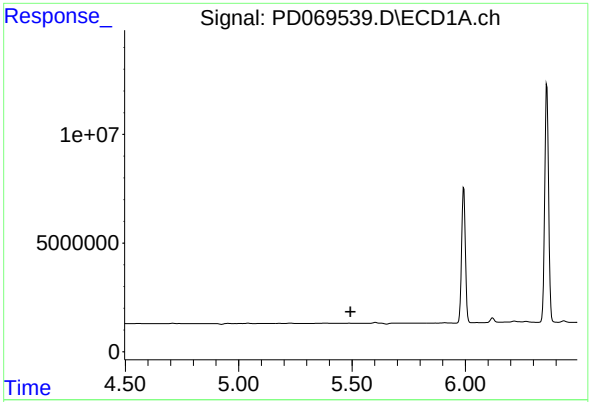
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: -0.002 min
Response: 444303
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

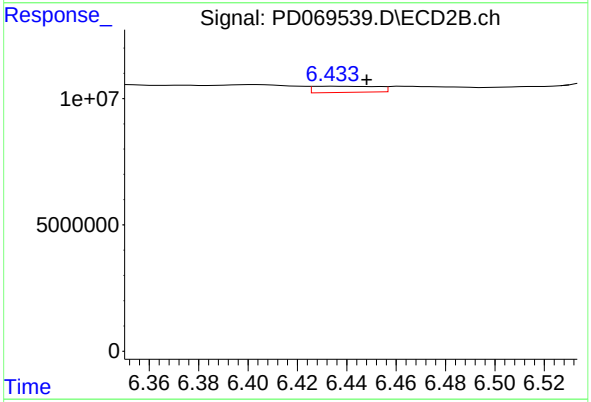
R.T.: 6.100 min
Delta R.T.: 0.015 min
Response: 6541858
Conc: 0.55 ng/ml



#9 Endosulfan I

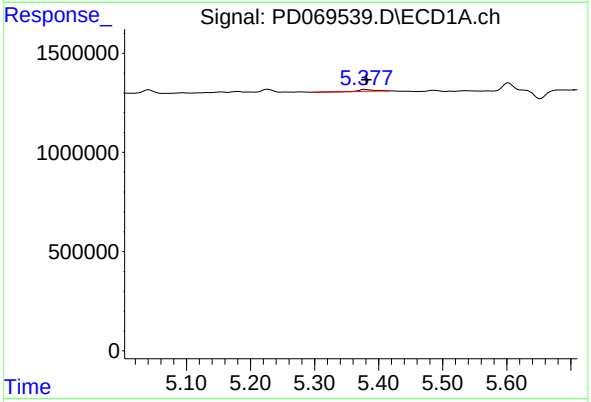
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



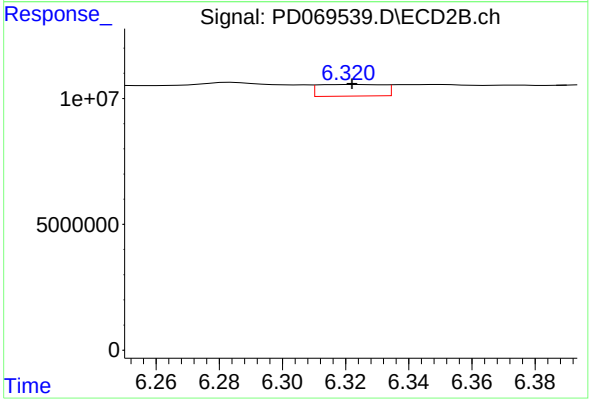
#9 Endosulfan I

R.T.: 6.435 min
Delta R.T.: -0.013 min
Response: 4385419
Conc: 0.41 ng/ml



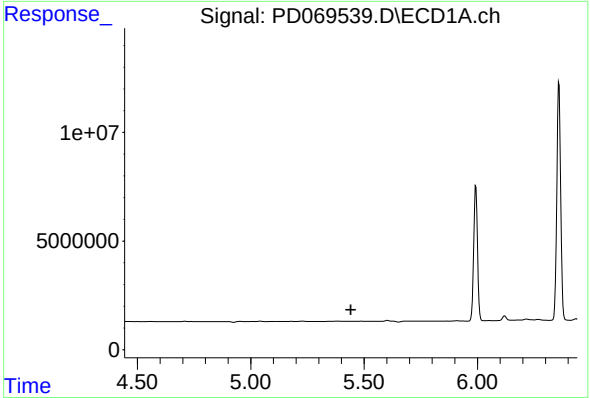
#10 gamma-Chlordane

R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 150191
Conc: 0.11 ng/ml



#10 gamma-Chlordane

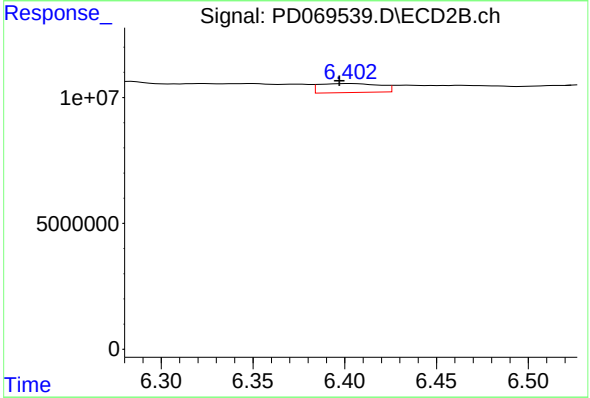
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 6638889
Conc: 0.57 ng/ml



#11 alpha-Chlordane

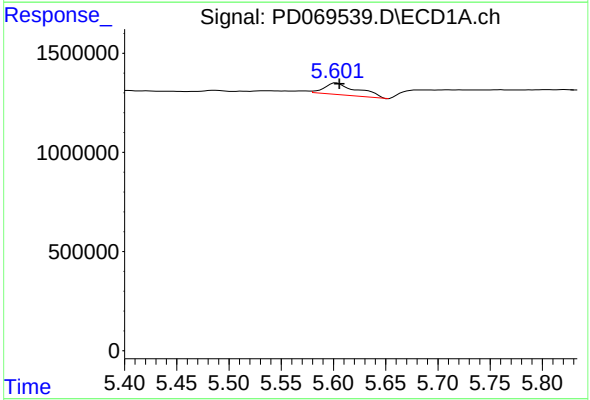
R.T.: 0.000 min
Exp R.T. : 5.441 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



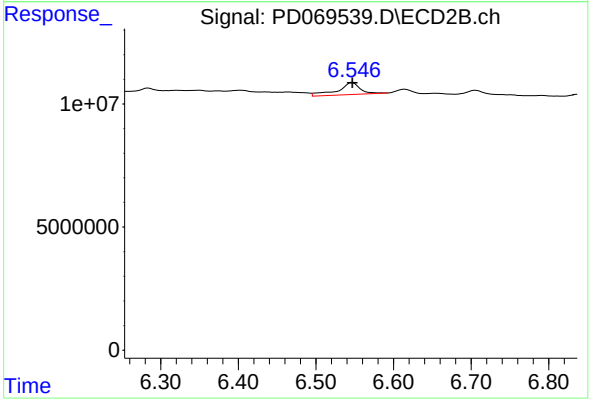
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.006 min
Response: 8205254
Conc: 0.72 ng/ml



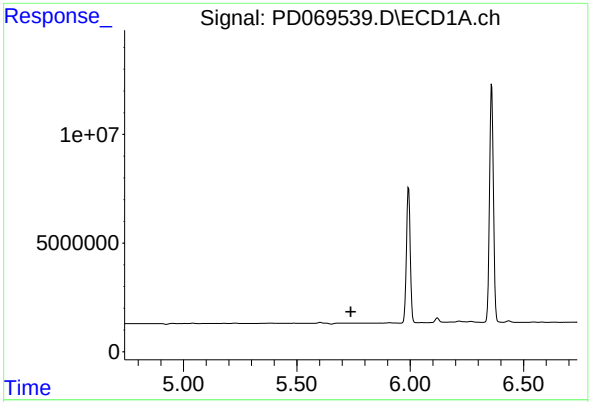
#12 4,4'-DDE

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 1310437
Conc: 1.04 ng/ml



#12 4,4'-DDE

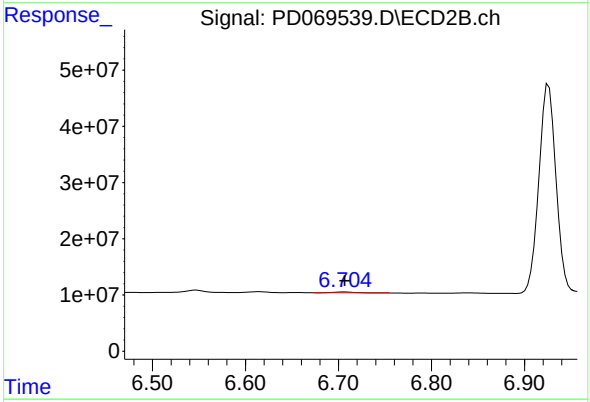
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 9814778
Conc: 0.91 ng/ml



#13 Dieldrin

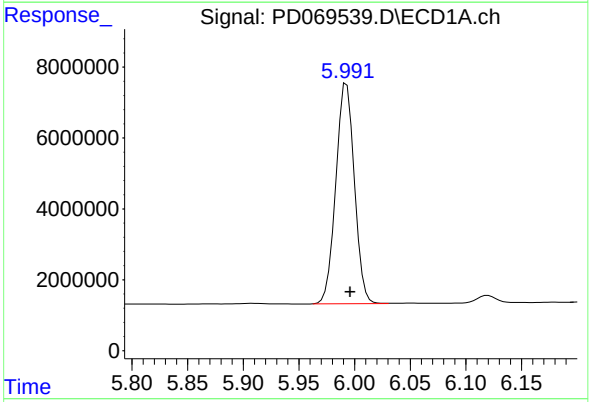
R.T.: 0.000 min
Exp R.T. : 5.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



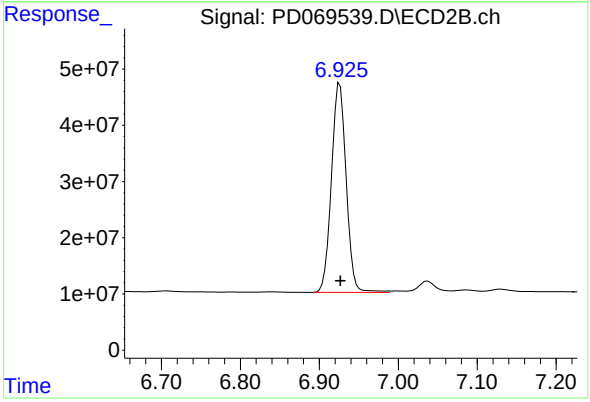
#13 Dieldrin

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2325535
Conc: 0.21 ng/ml



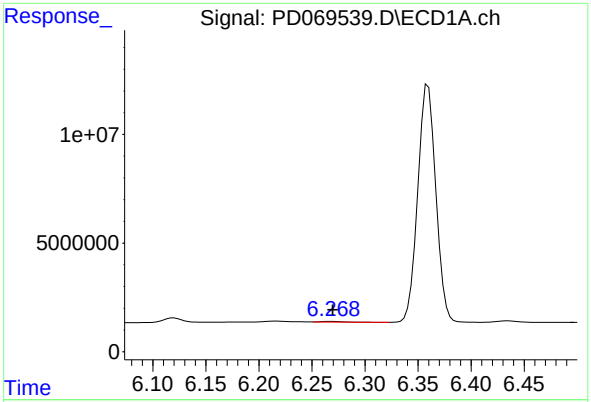
#14 Endrin

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 72139877
Conc: 59.67 ng/ml



#14 Endrin

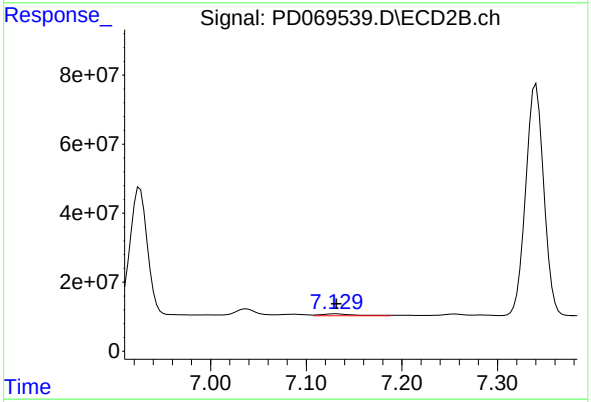
R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 482548629
Conc: 53.20 ng/ml



#15 Endosulfan II

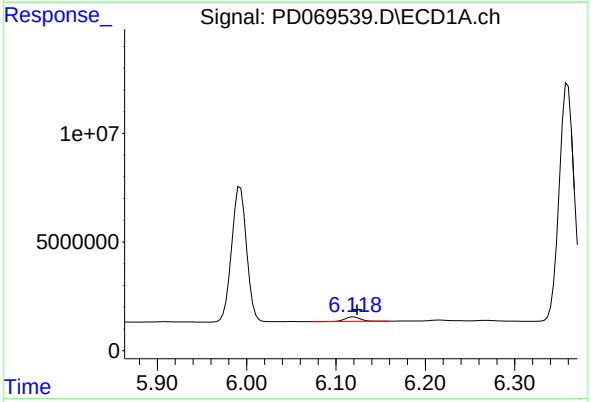
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 458704
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



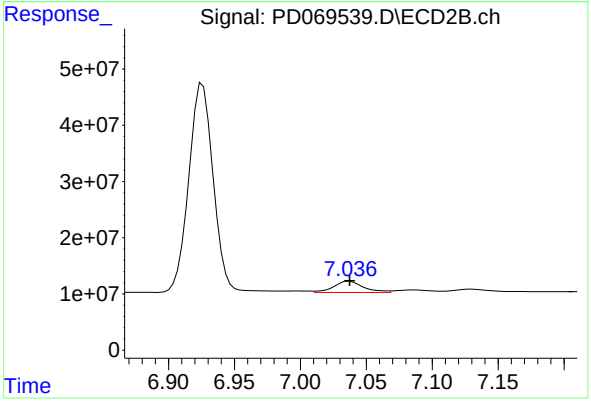
#15 Endosulfan II

R.T.: 7.130 min
Delta R.T.: -0.001 min
Response: 14085620
Conc: 1.63 ng/ml



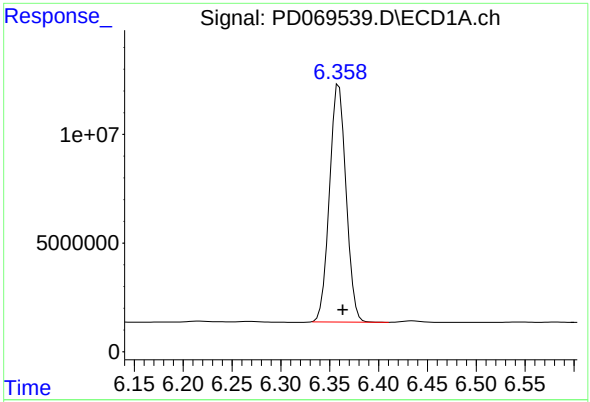
#16 4,4'-DDD

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 2474093
Conc: 2.27 ng/ml



#16 4,4'-DDD

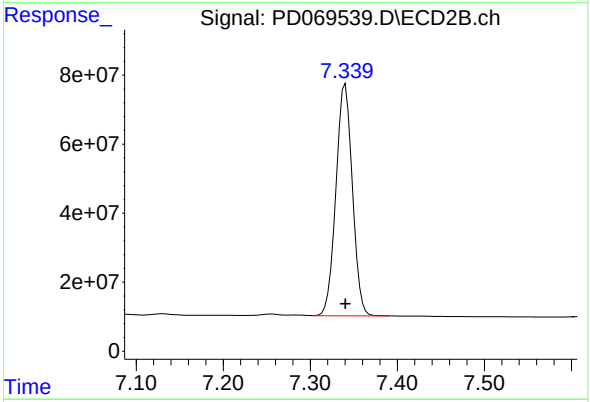
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 31257280
Conc: 3.63 ng/ml



#17 4,4'-DDT

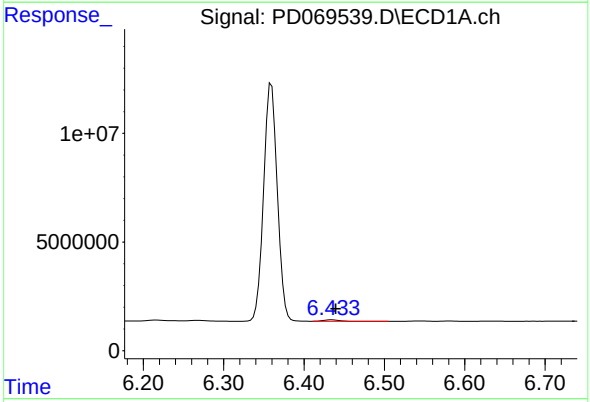
R.T.: 6.359 min
Delta R.T.: -0.004 min
Response: 128971513
Conc: 119.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



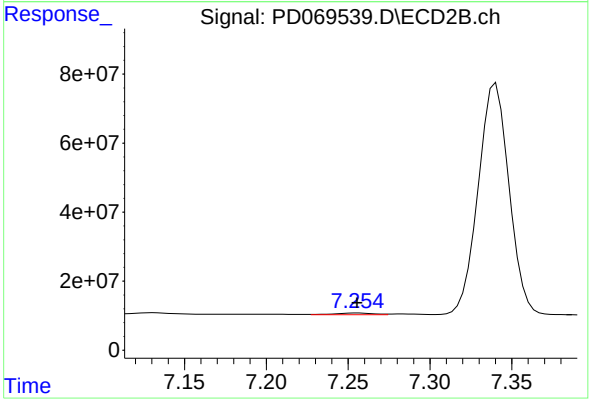
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 882992592
Conc: 101.80 ng/ml



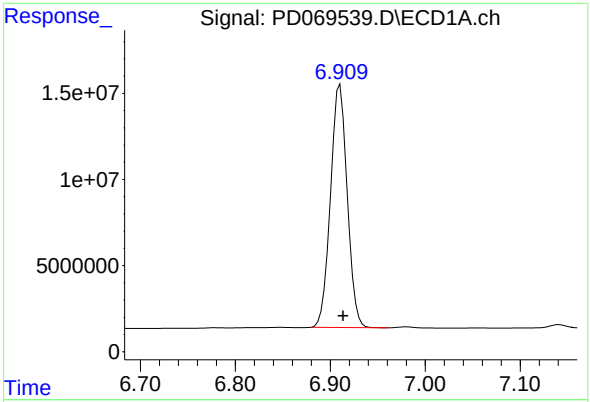
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: -0.005 min
Response: 808827
Conc: 0.88 ng/ml



#18 Endrin aldehyde

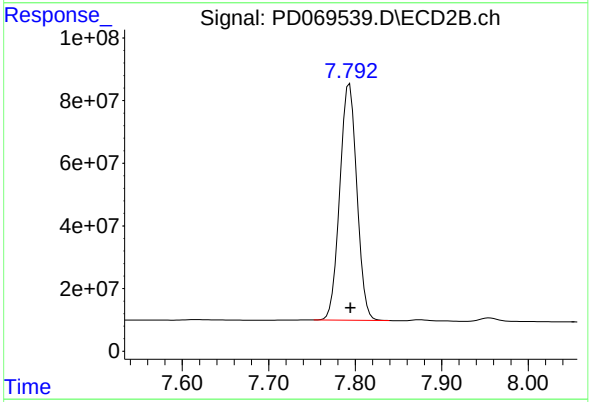
R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 8507390
Conc: 1.23 ng/ml



#20 Methoxychlor

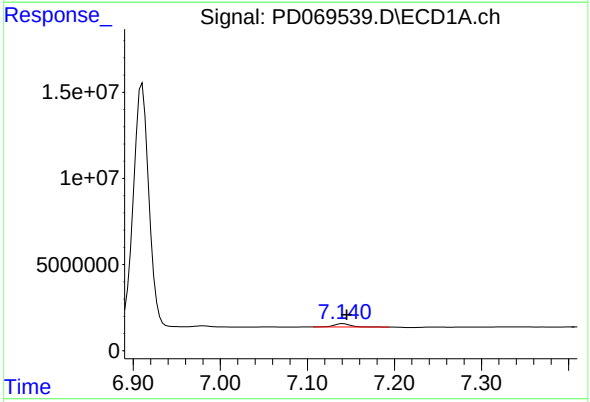
R.T.: 6.910 min
Delta R.T.: -0.003 min
Response: 172654757
Conc: 271.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



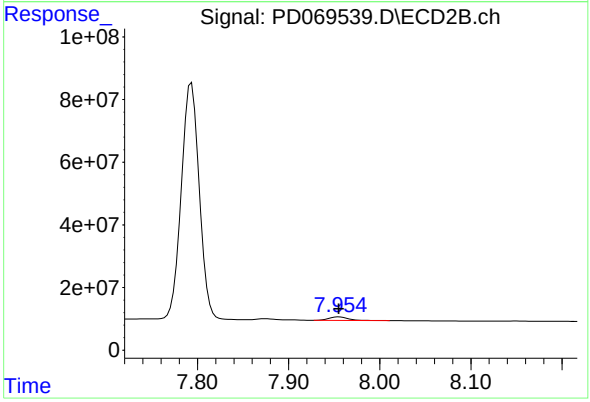
#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: -0.001 min
Response: 1030216815
Conc: 238.97 ng/ml



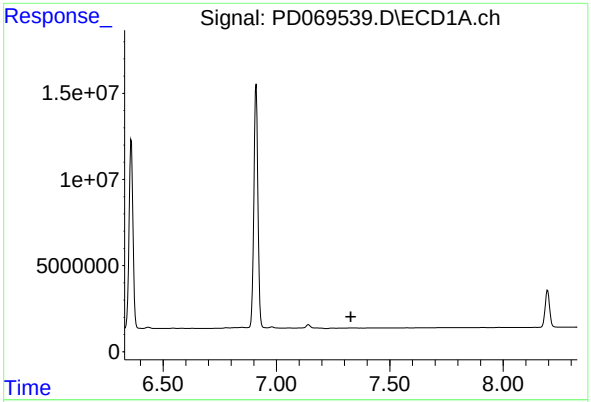
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: -0.004 min
Response: 2396359
Conc: 1.70 ng/ml



#21 Endrin ketone

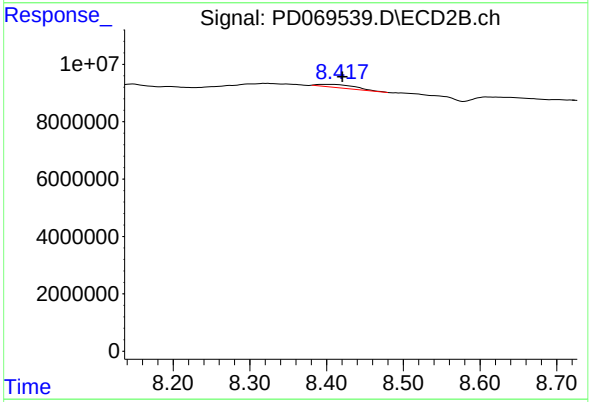
R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 16374481
Conc: 1.81 ng/ml



#22 Mirex

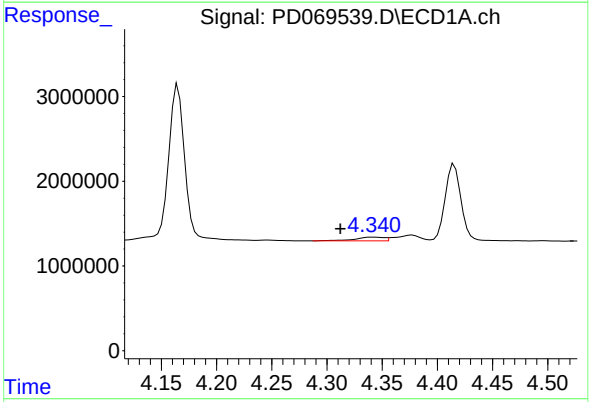
R.T.: 0.000 min
Exp R.T. : 7.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



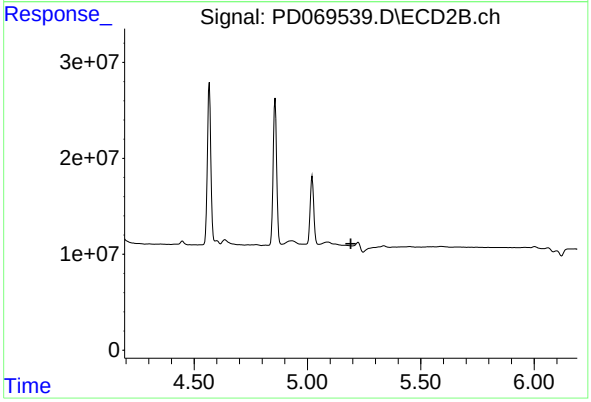
#22 Mirex

R.T.: 8.396 min
Delta R.T.: -0.024 min
Response: 3349175
Conc: 0.52 ng/ml



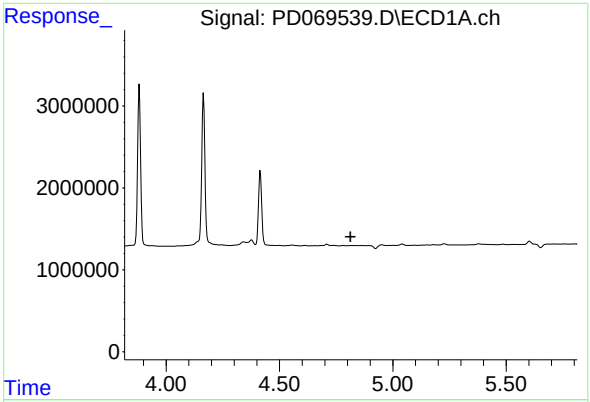
#23 Chlordane-1

R.T.: 4.342 min
Delta R.T.: 0.029 min
Response: 795902
Conc: 19.23 ng/ml



#23 Chlordane-1

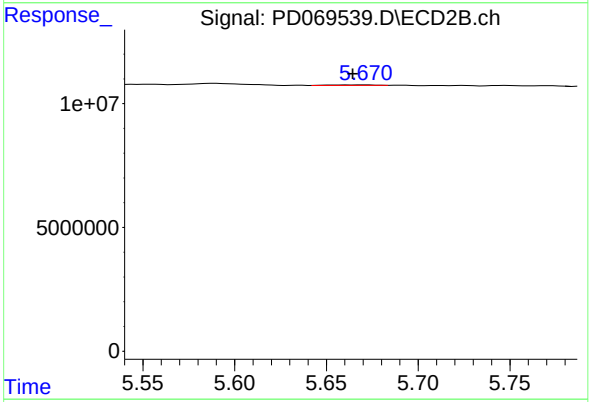
R.T.: 0.000 min
Exp R.T. : 5.191 min
Response: 0
Conc: N.D.



#24 Chlordane-2

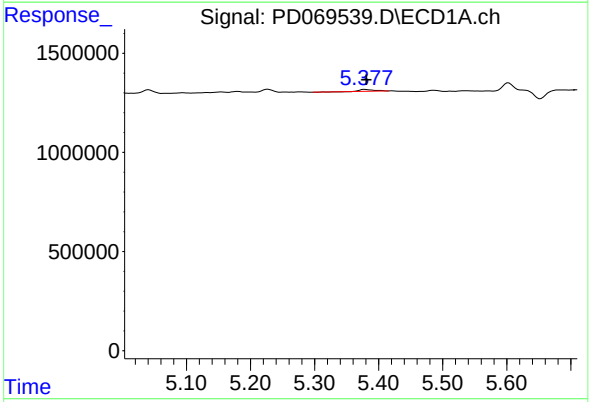
R.T.: 0.000 min
Exp R.T. : 4.813 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



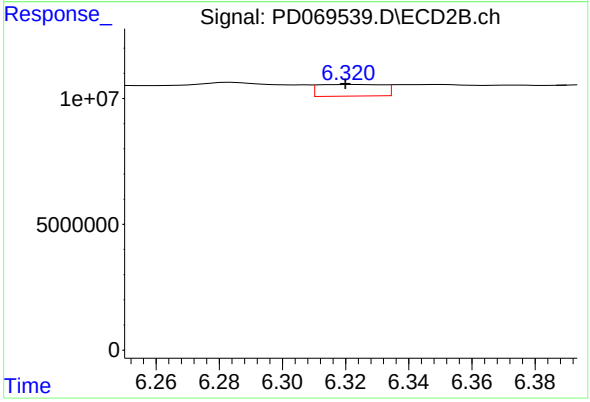
#24 Chlordane-2

R.T.: 5.672 min
Delta R.T.: 0.007 min
Response: 281901
Conc: 0.61 ng/ml



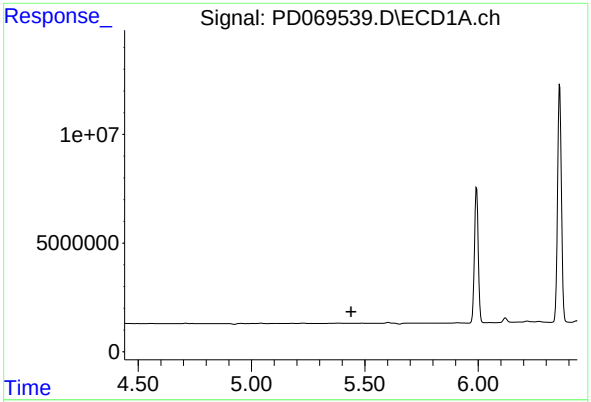
#25 Chlordane-3

R.T.: 5.379 min
Delta R.T.: -0.002 min
Response: 150191
Conc: 1.10 ng/ml



#25 Chlordane-3

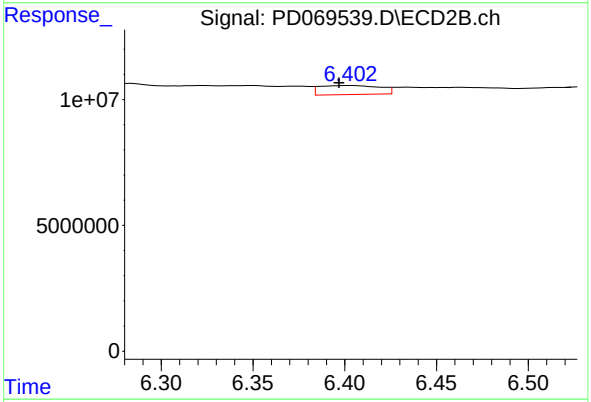
R.T.: 6.322 min
Delta R.T.: 0.002 min
Response: 6638889
Conc: 4.08 ng/ml



#26 Chlordane-4

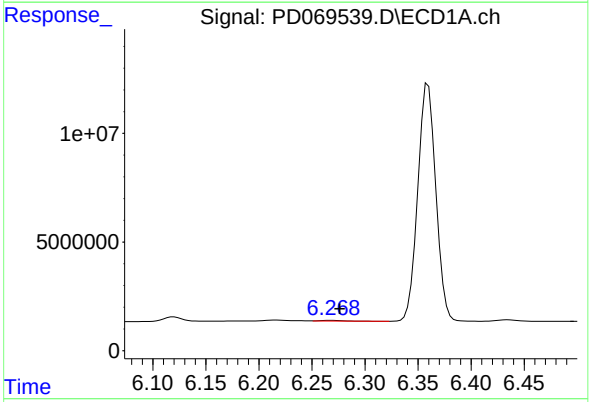
R.T.: 0.000 min
Exp R.T. : 5.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



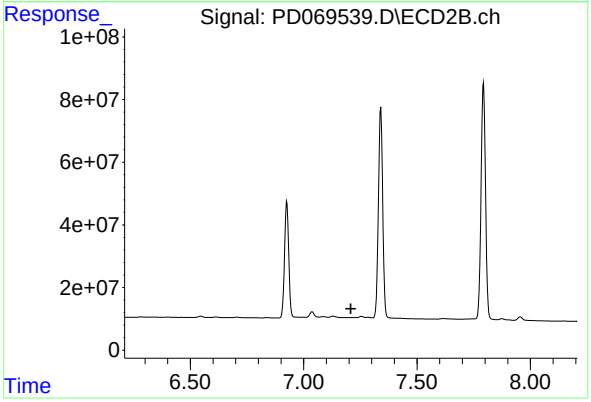
#26 Chlordane-4

R.T.: 6.403 min
Delta R.T.: 0.006 min
Response: 8205254
Conc: 4.33 ng/ml



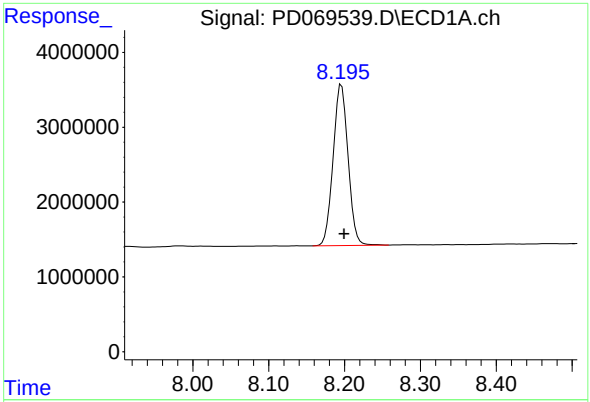
#27 Chlordane-5

R.T.: 6.269 min
Delta R.T.: -0.007 min
Response: 458704
Conc: 10.14 ng/ml



#27 Chlordane-5

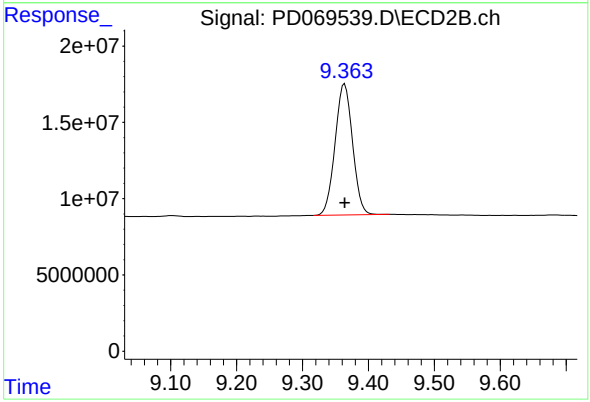
R.T.: 0.000 min
Exp R.T. : 7.208 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 29496873
Conc: 23.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.000 min
Response: 158228636
Conc: 24.18 ng/ml