Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
Data File : PD066079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2021 16:17
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: Oct 07 23:18:05 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
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...	3.494	4.010	17003672	122.2E6	22.961	21.286	
28)	SA Decachlor...	8.235	9.083	25279207	90617128	18.507	23.414	#
	Target Compounds							
2)	A alpha-BHC	3.933	4.405	11688817	94440501	10.408	11.232	
3)	MA gamma-BHC...	4.217	4.692	12173191	88571872	10.856	11.464	
4)	MA Heptachlor	0.000	5.175f	0	1313111	N.D.	0.181	#
5)	MB Aldrin	4.761	5.516	182677	371012	0.163	0.055	#
6)	B beta-BHC	4.466	4.868	7890489	45709755	13.822	12.368	
7)	B delta-BHC	4.668	0.000	51815	0	0.046	N.D.	#
8)	B Heptachlo...	0.000	5.910f	0	1210137	N.D.	0.234	#
9)	A Endosulfan I	5.535	6.256	80238	186692	0.074	0.034	#
10)	B gamma-Chl...	5.425	6.139	197277	766631	0.163	0.128	
11)	B alpha-Chl...	0.000	6.192	0	292744	N.D.	0.049	#
12)	B 4,4'-DDE	5.649	6.355	482327	1752492	0.443	0.304	#
13)	MA Dieldrin	0.000	6.498	0	166822	N.D.	0.028	#
14)	MA Endrin	6.043	6.726	57867602	256.3E6	54.688	51.996	
15)	B Endosulfa...	6.314	6.935	609602	1913050	0.564	0.395	#
16)	A 4,4'-DDD	6.165	6.849	1314441	8041295	1.340	1.636	
17)	MA 4,4'-DDT	6.405	7.147	116.4E6	483.6E6	105.782	95.732	
18)	B Endrin al...	6.481	7.064	985706	1547939	1.112	0.395	#
20)	A Methoxychlor	6.951	7.607	162.3E6	595.1E6	237.480	226.150	
21)	B Endrin ke...	7.188	7.760	2864686	11042503	2.034	1.936	
22)	Mirex	7.382	8.198	581800	491223	0.482	0.124	#
23)	Chlordane-1	4.366	0.000	1279273	0	38.190	N.D.	#
24)	Chlordane-2	4.864	5.487	50343	437700	1.240	1.892	#
25)	Chlordane-3	5.425	6.139	197277	766631	1.674	0.935	#
26)	Chlordane-4	0.000	6.192	0	292744	N.D.	0.305	#
27)	Chlordane-5	6.314	0.000	609602	0	12.543	N.D.	#

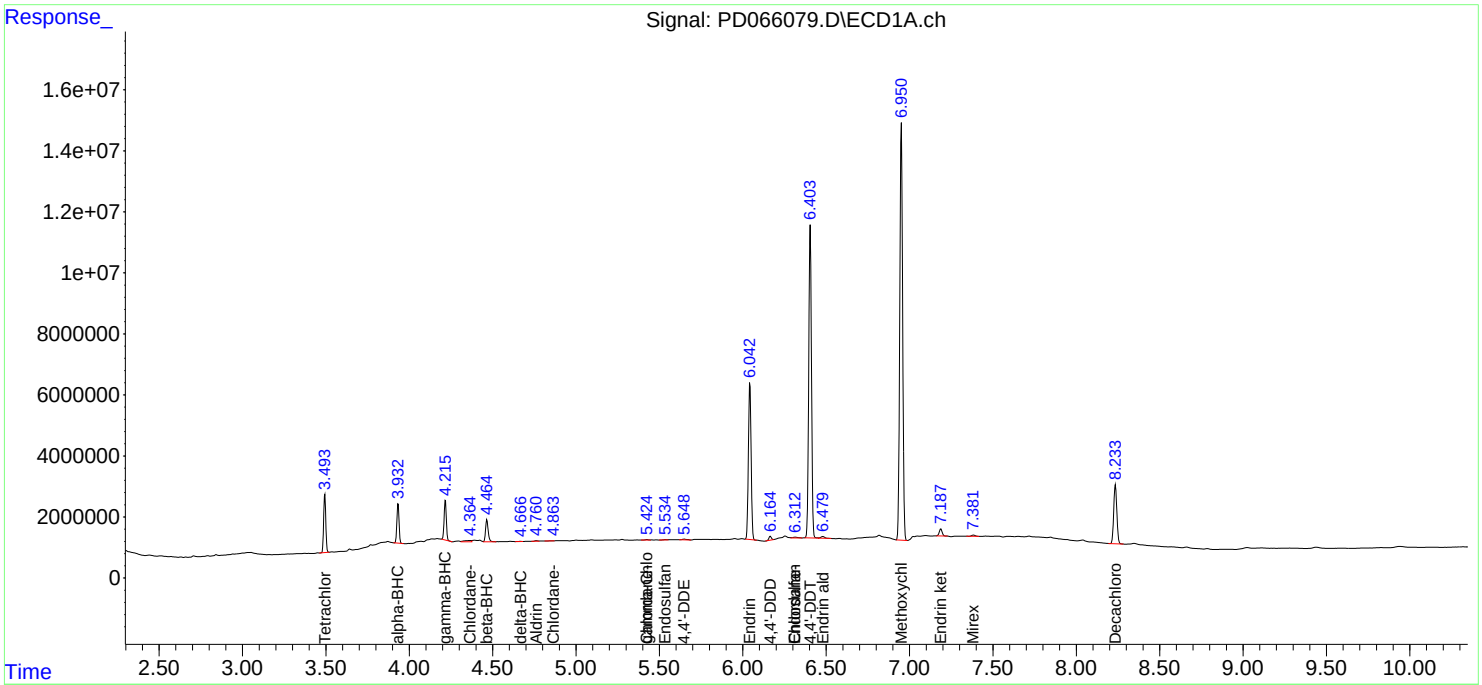
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

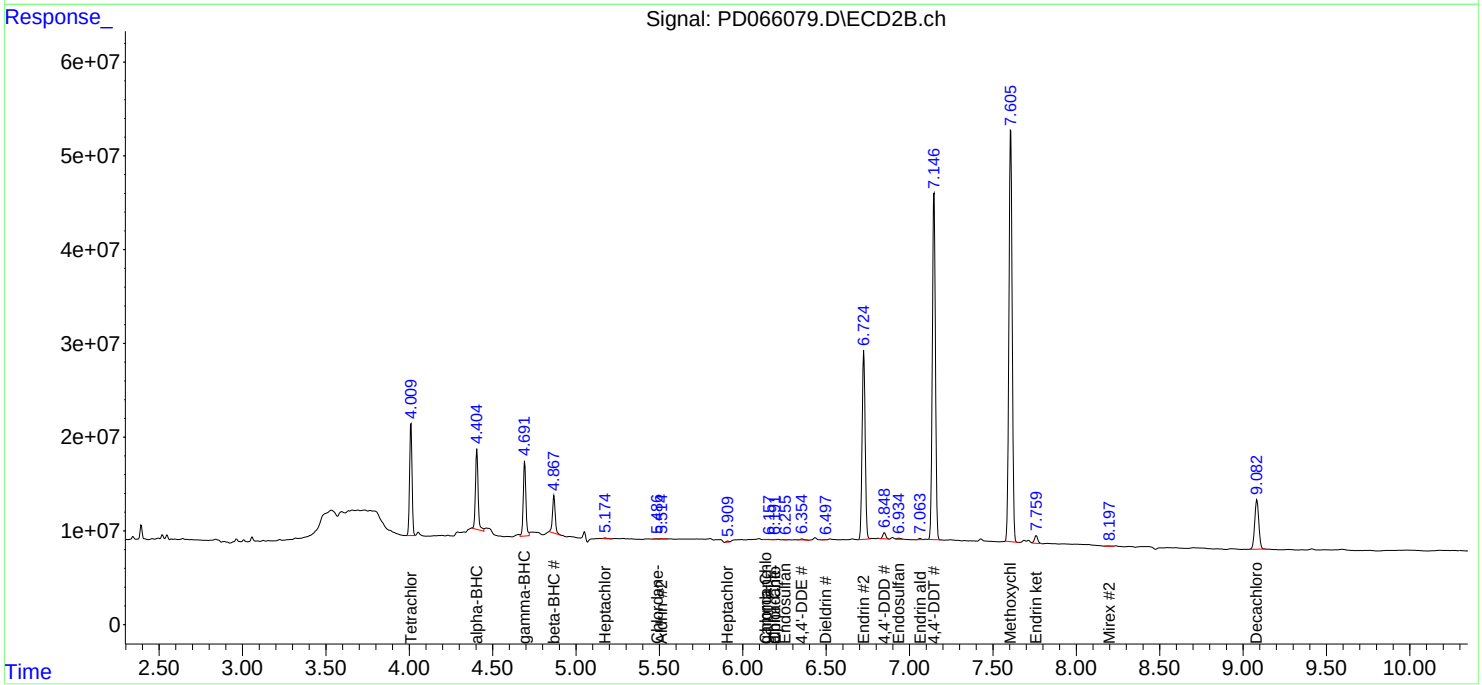
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
Data File : PD066079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2021 16:17
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

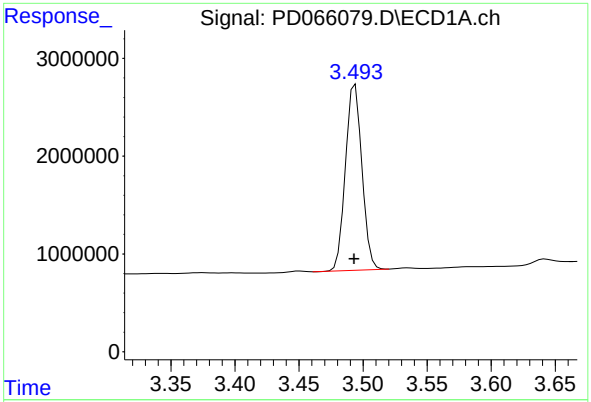
Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 23:18:05 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
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



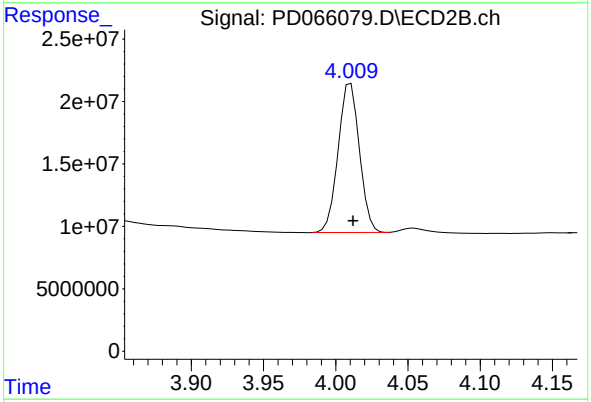




#1 Tetrachloro-m-xylene

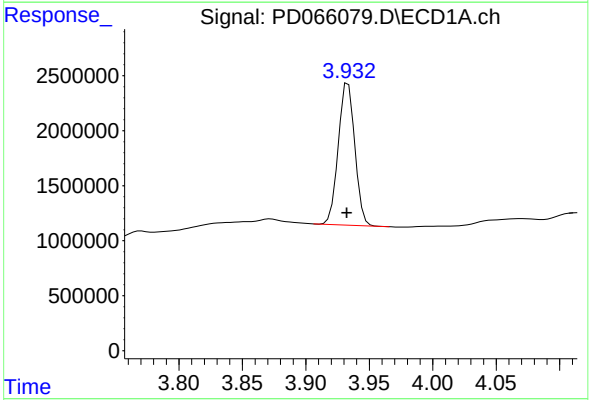
R.T.: 3.494 min
Delta R.T.: 0.000 min
Response: 17003672
Conc: 22.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



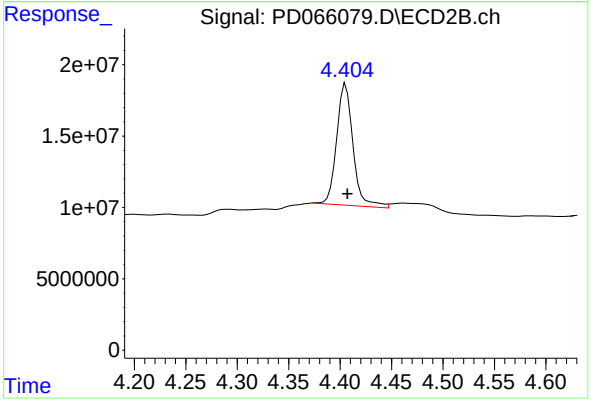
#1 Tetrachloro-m-xylene

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 122227023
Conc: 21.29 ng/ml



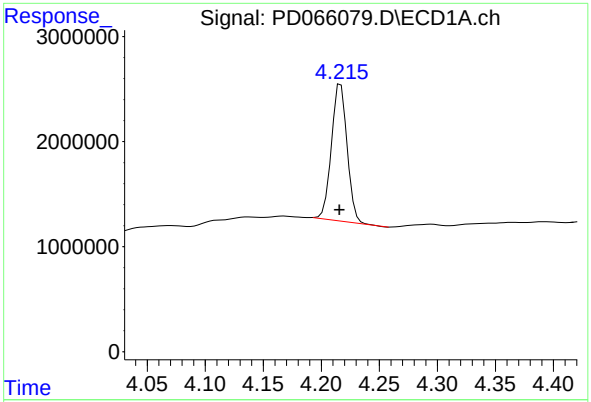
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.001 min
Response: 11688817
Conc: 10.41 ng/ml



#2 alpha-BHC

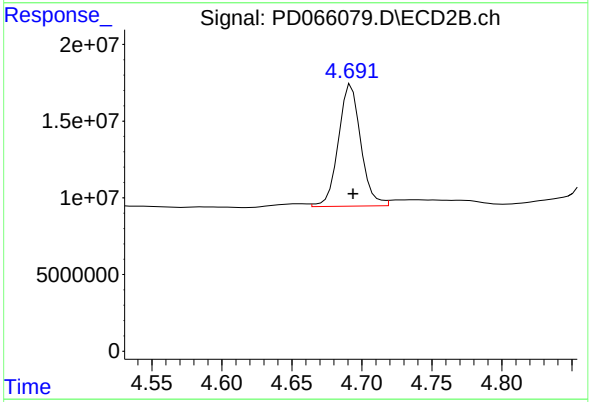
R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 94440501
Conc: 11.23 ng/ml



#3 gamma-BHC (Lindane)

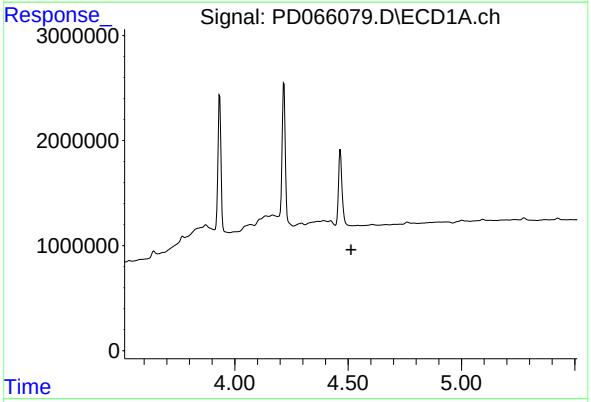
R.T.: 4.217 min
Delta R.T.: 0.001 min
Response: 12173191
Conc: 10.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



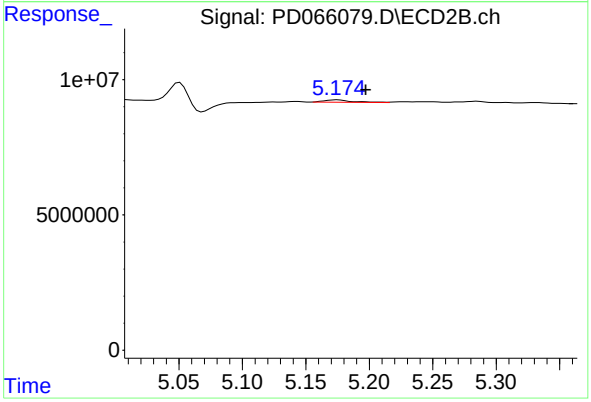
#3 gamma-BHC (Lindane)

R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 88571872
Conc: 11.46 ng/ml



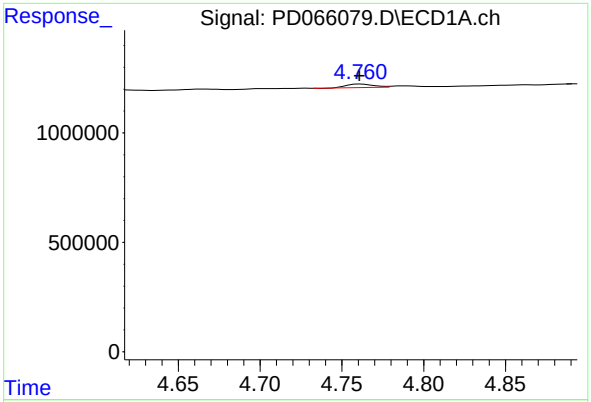
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.513 min
Response: 0
Conc: N.D.



#4 Heptachlor

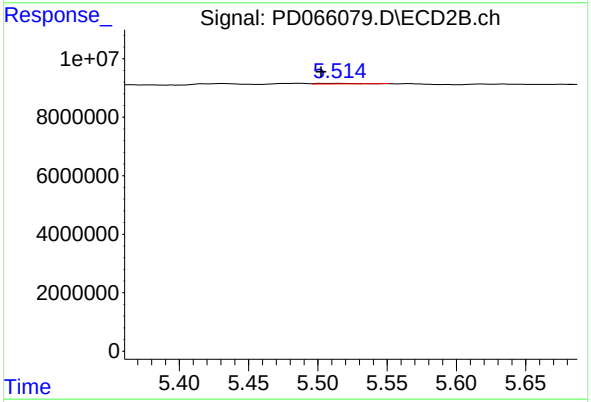
R.T.: 5.175 min
Delta R.T.: -0.022 min
Response: 1313111
Conc: 0.18 ng/ml



#5 Aldrin

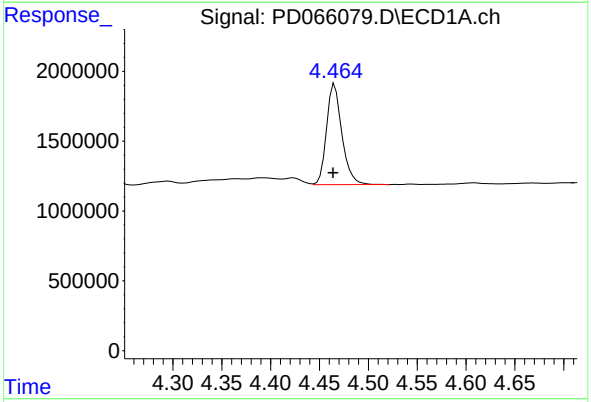
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 182677
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



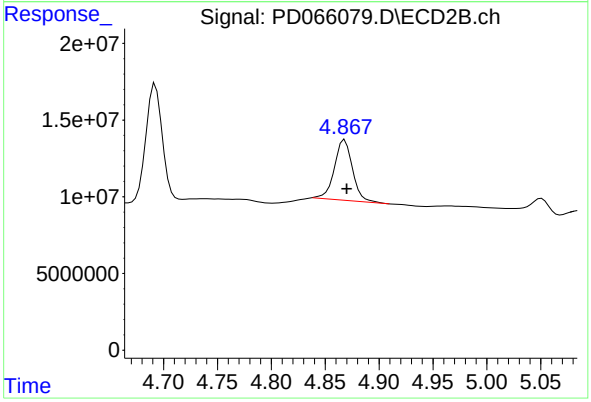
#5 Aldrin

R.T.: 5.516 min
Delta R.T.: 0.014 min
Response: 371012
Conc: 0.06 ng/ml



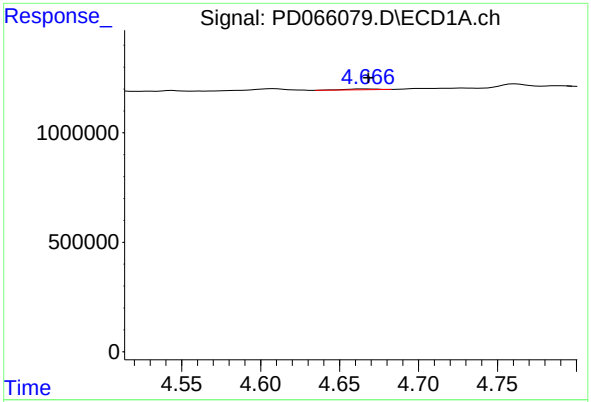
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: 0.002 min
Response: 7890489
Conc: 13.82 ng/ml



#6 beta-BHC

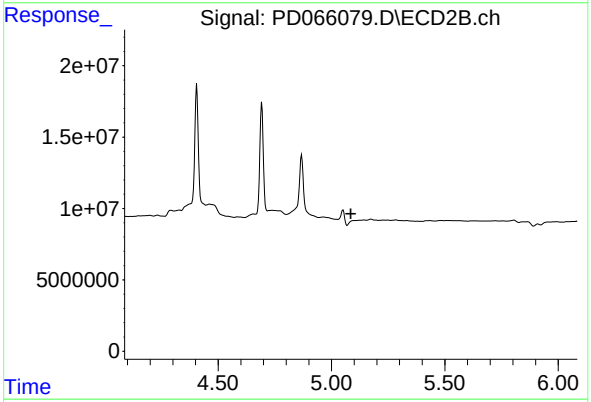
R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 45709755
Conc: 12.37 ng/ml



#7 delta-BHC

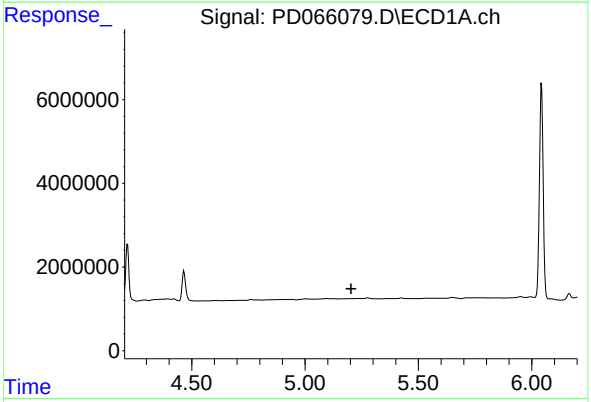
R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 51815
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



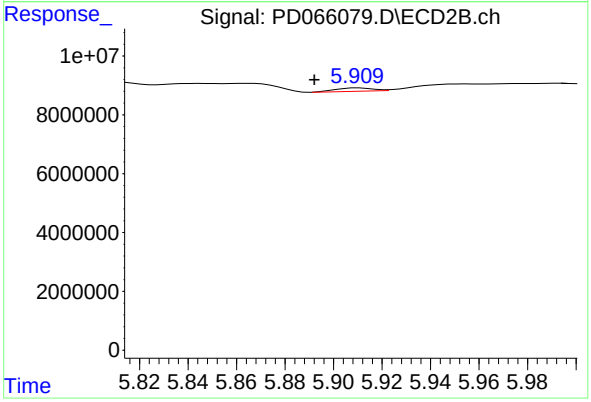
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



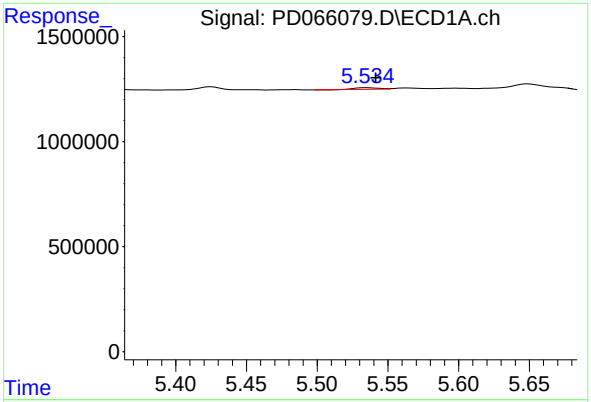
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.203 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

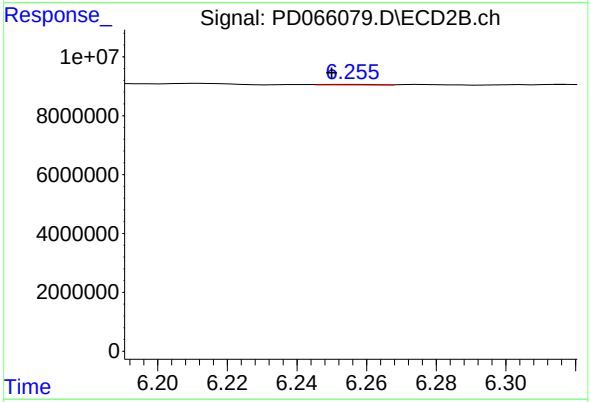
R.T.: 5.910 min
Delta R.T.: 0.018 min
Response: 1210137
Conc: 0.23 ng/ml



#9 Endosulfan I

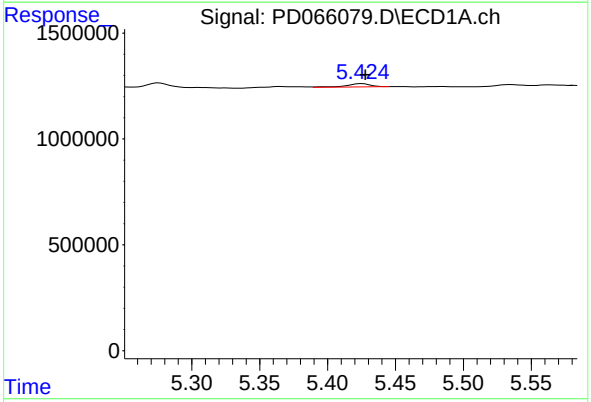
R.T.: 5.535 min
Delta R.T.: -0.006 min
Response: 80238
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



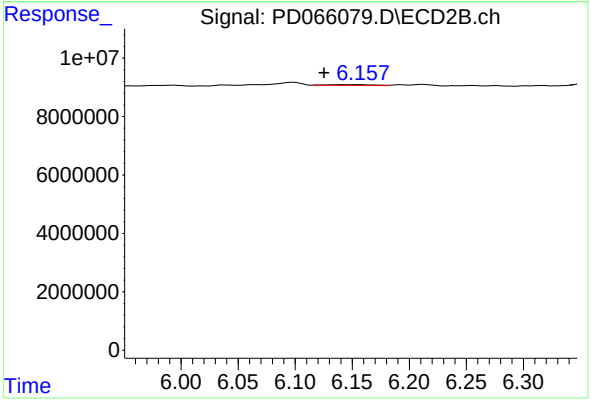
#9 Endosulfan I

R.T.: 6.256 min
Delta R.T.: 0.006 min
Response: 186692
Conc: 0.03 ng/ml



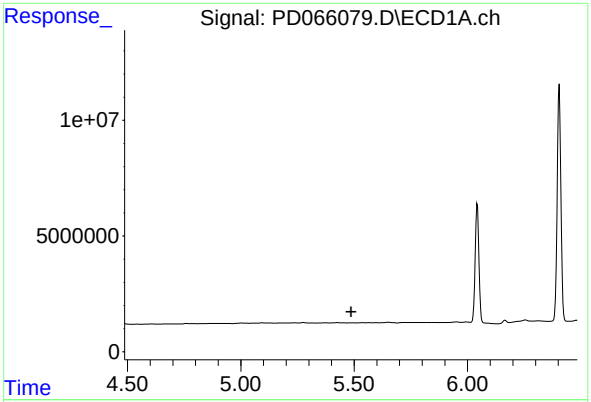
#10 gamma-Chlordane

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 197277
Conc: 0.16 ng/ml



#10 gamma-Chlordane

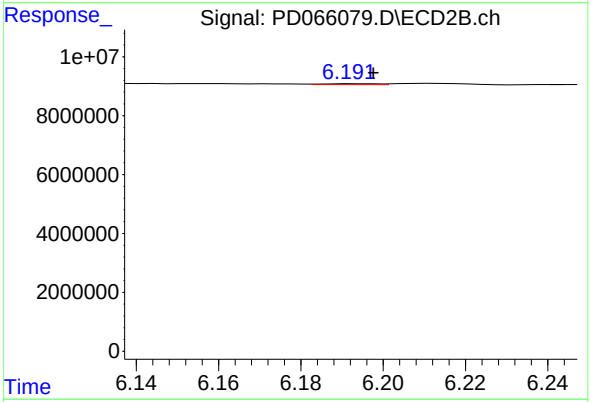
R.T.: 6.139 min
Delta R.T.: 0.014 min
Response: 766631
Conc: 0.13 ng/ml



#11 alpha-Chlordane

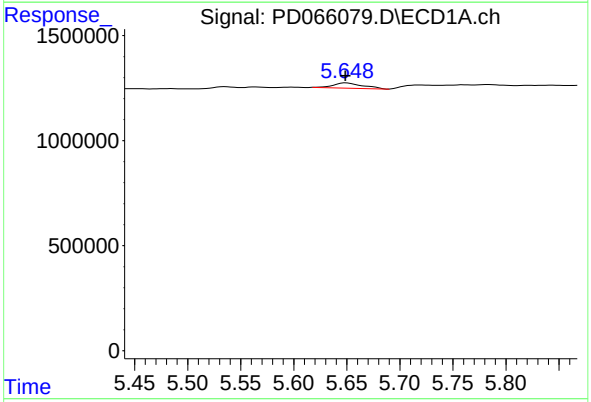
R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



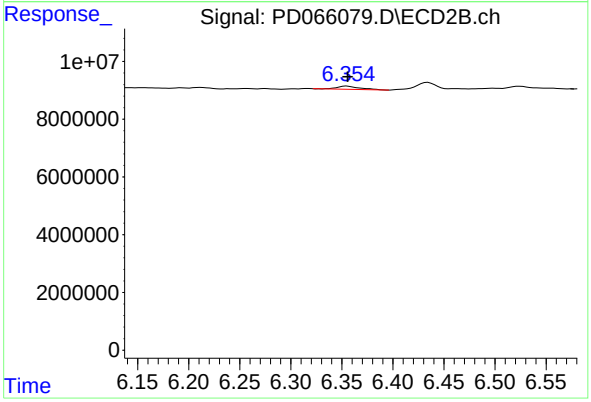
#11 alpha-Chlordane

R.T.: 6.192 min
Delta R.T.: -0.005 min
Response: 292744
Conc: 0.05 ng/ml



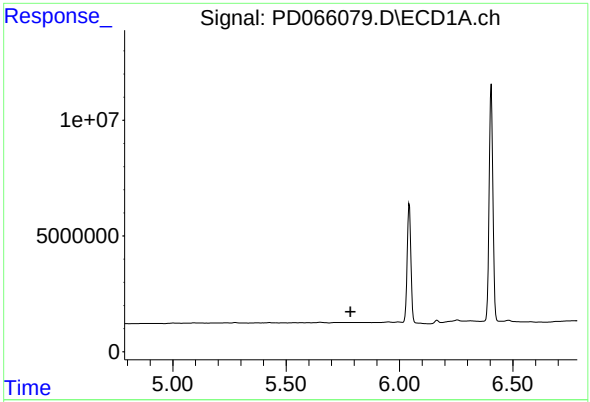
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 482327
Conc: 0.44 ng/ml



#12 4,4'-DDE

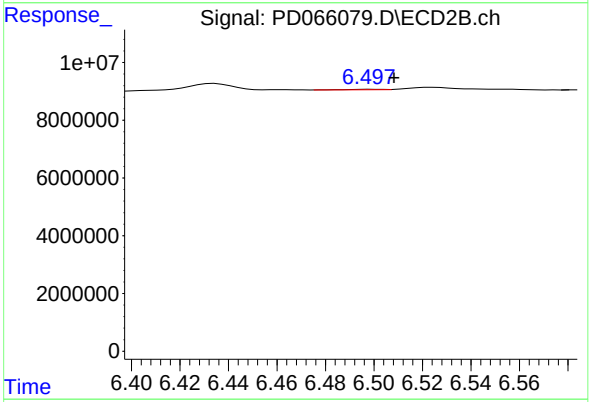
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 1752492
Conc: 0.30 ng/ml



#13 Dieldrin

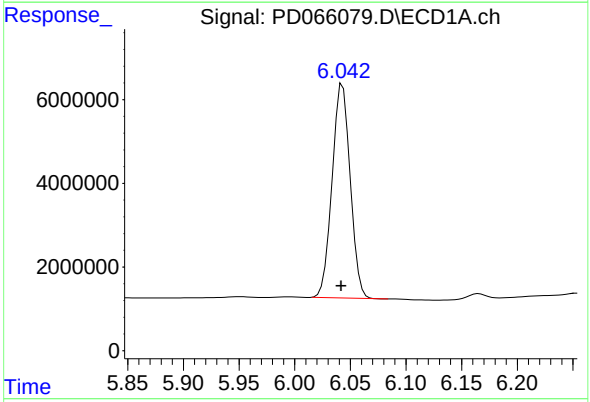
R.T.: 0.000 min
Exp R.T. : 5.784 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



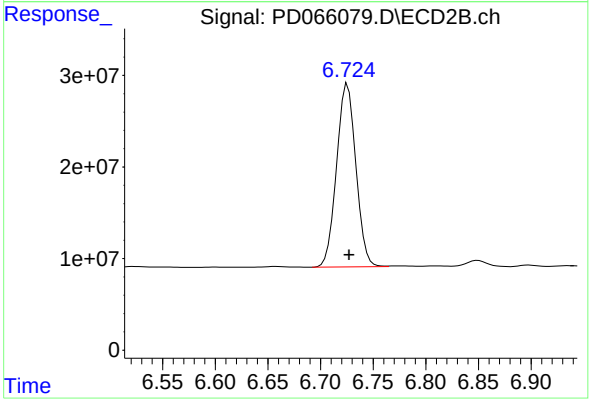
#13 Dieldrin

R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 166822
Conc: 0.03 ng/ml



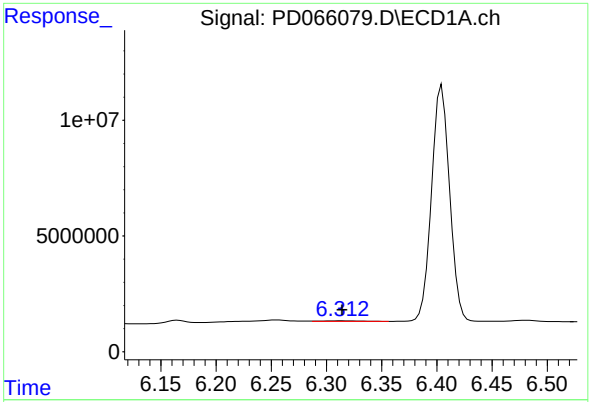
#14 Endrin

R.T.: 6.043 min
Delta R.T.: 0.001 min
Response: 57867602
Conc: 54.69 ng/ml



#14 Endrin

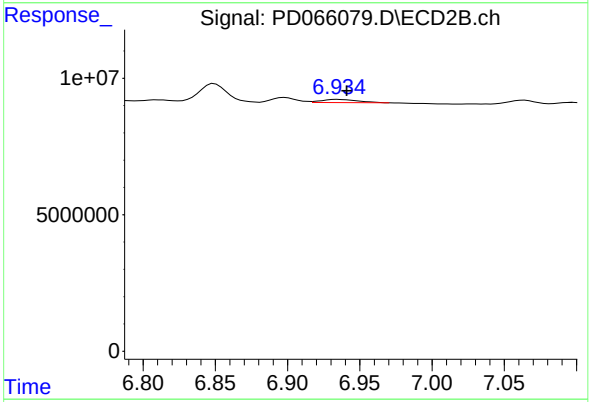
R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 256346294
Conc: 52.00 ng/ml



#15 Endosulfan II

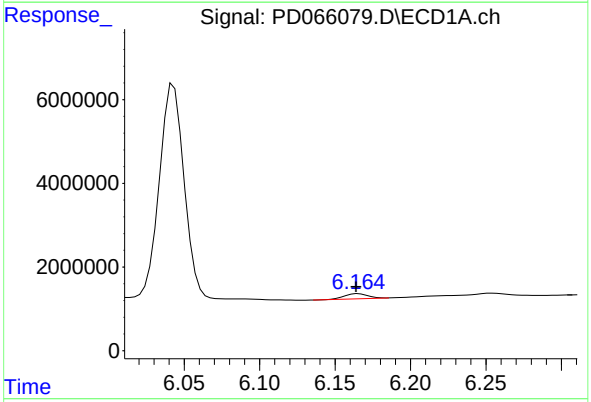
R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 609602
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



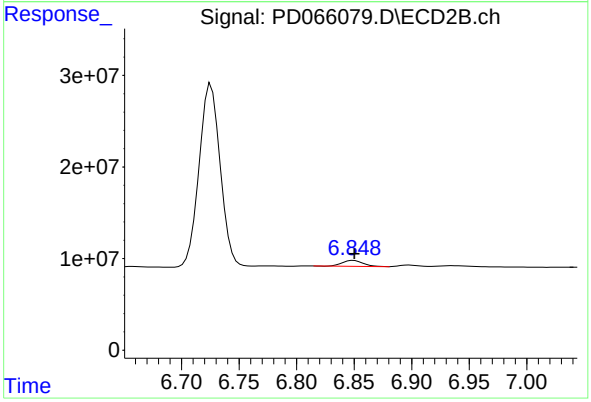
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: -0.006 min
Response: 1913050
Conc: 0.39 ng/ml



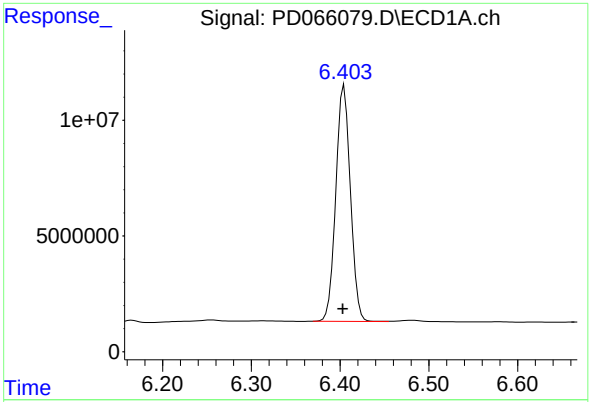
#16 4,4'-DDD

R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 1314441
Conc: 1.34 ng/ml



#16 4,4'-DDD

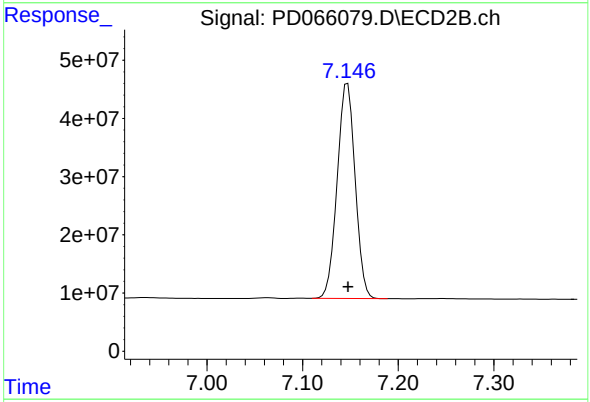
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 8041295
Conc: 1.64 ng/ml



#17 4,4'-DDT

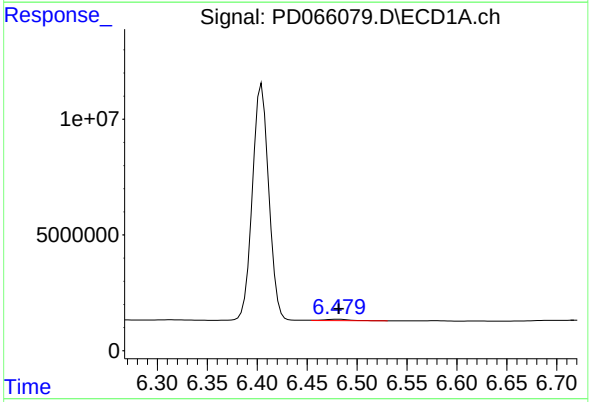
R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 116434046
Conc: 105.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



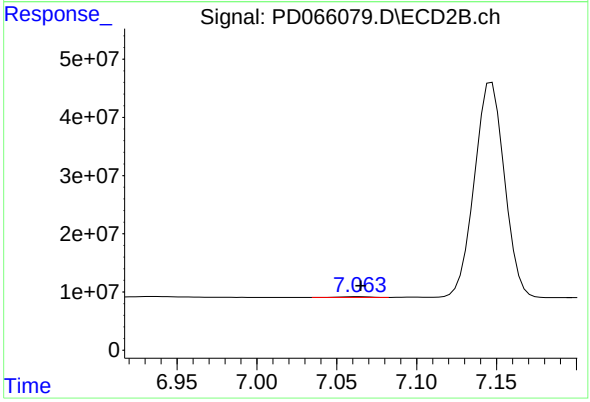
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 483580170
Conc: 95.73 ng/ml



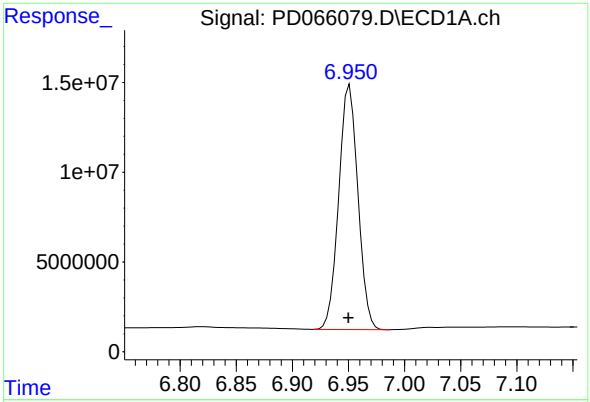
#18 Endrin aldehyde

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 985706
Conc: 1.11 ng/ml



#18 Endrin aldehyde

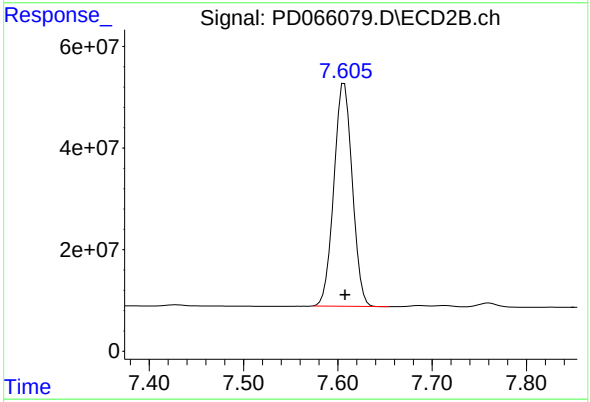
R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 1547939
Conc: 0.40 ng/ml



#20 Methoxychlor

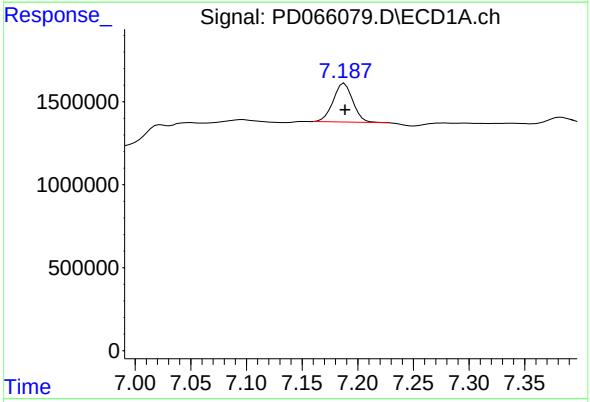
R.T.: 6.951 min
Delta R.T.: 0.001 min
Response: 162284356
Conc: 237.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



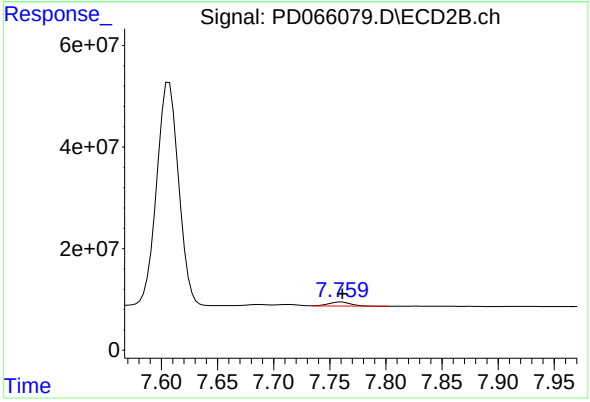
#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 595141286
Conc: 226.15 ng/ml



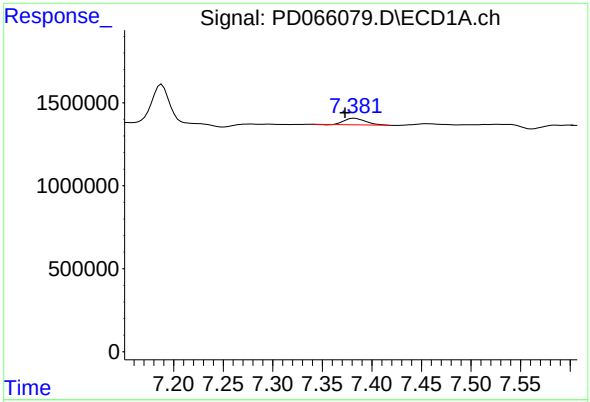
#21 Endrin ketone

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 2864686
Conc: 2.03 ng/ml



#21 Endrin ketone

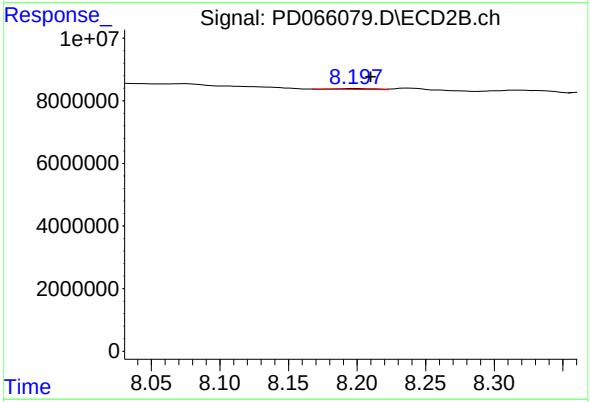
R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 11042503
Conc: 1.94 ng/ml



#22 Mirex

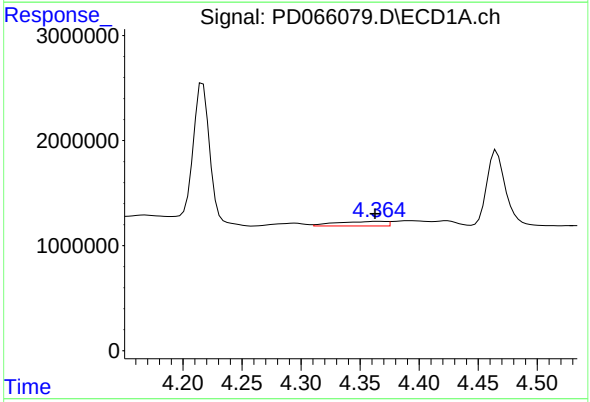
R.T.: 7.382 min
Delta R.T.: 0.009 min
Response: 581800
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



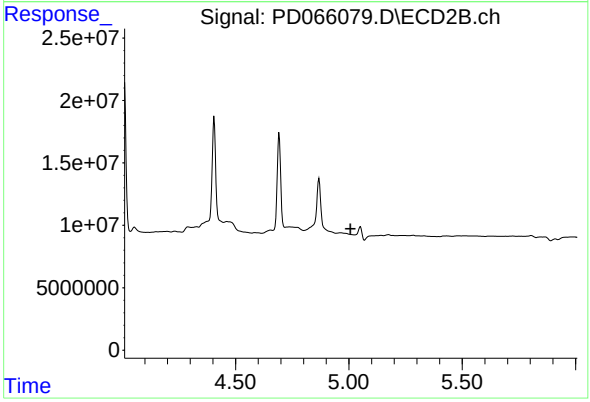
#22 Mirex

R.T.: 8.198 min
Delta R.T.: -0.011 min
Response: 491223
Conc: 0.12 ng/ml



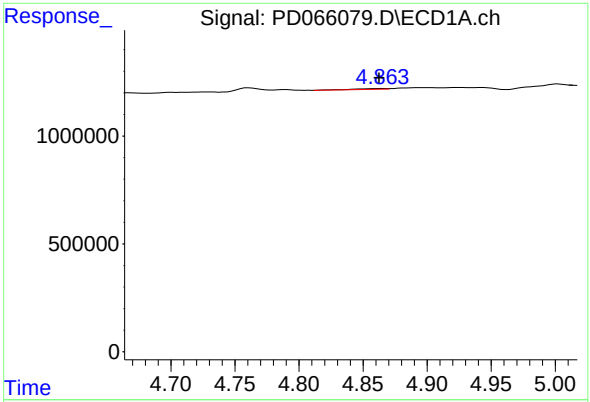
#23 Chlordane-1

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 1279273
Conc: 38.19 ng/ml



#23 Chlordane-1

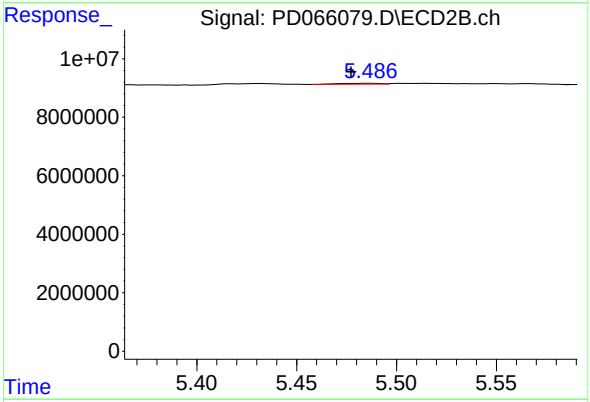
R.T.: 0.000 min
Exp R.T. : 5.007 min
Response: 0
Conc: N.D.



#24 Chlordane-2

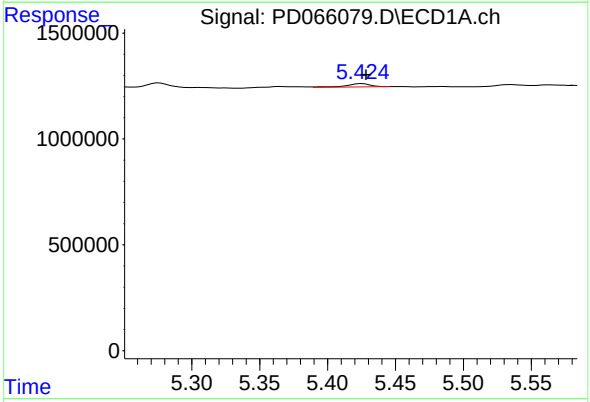
R.T.: 4.864 min
Delta R.T.: 0.002 min
Response: 50343
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



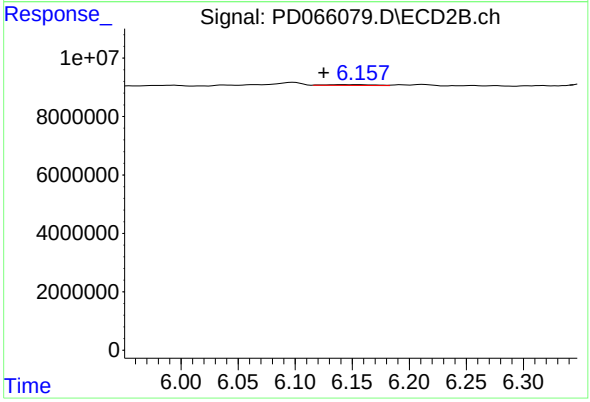
#24 Chlordane-2

R.T.: 5.487 min
Delta R.T.: 0.009 min
Response: 437700
Conc: 1.89 ng/ml



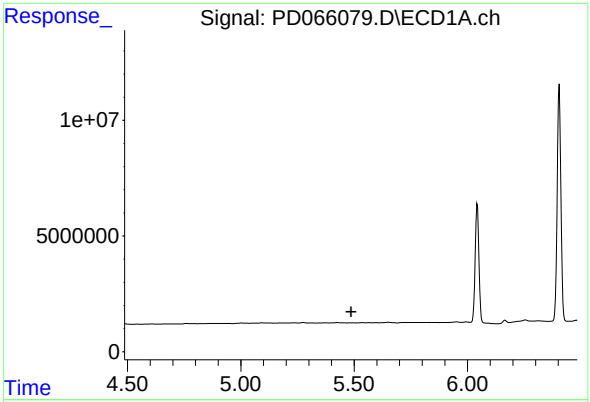
#25 Chlordane-3

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 197277
Conc: 1.67 ng/ml



#25 Chlordane-3

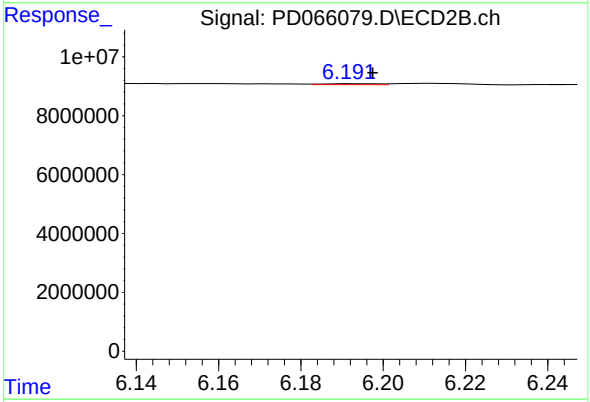
R.T.: 6.139 min
Delta R.T.: 0.014 min
Response: 766631
Conc: 0.93 ng/ml



#26 Chlordane-4

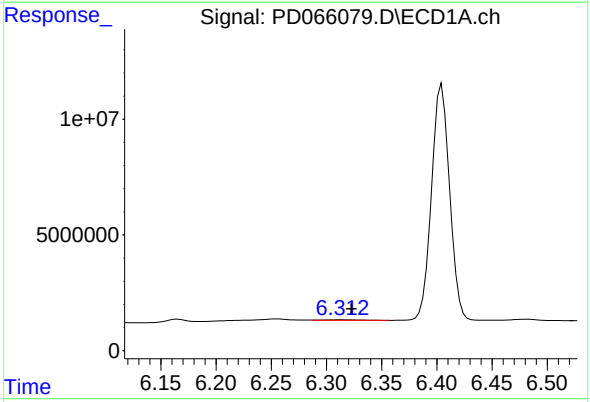
R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



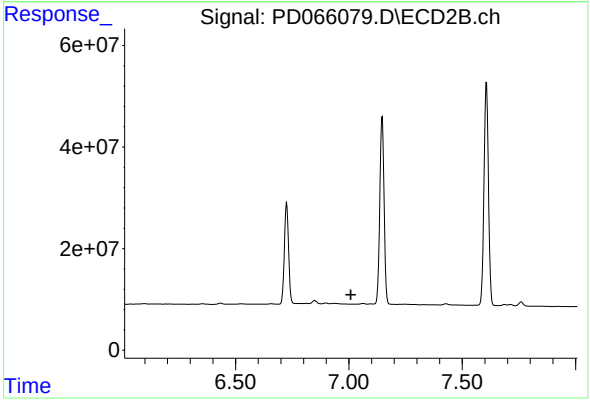
#26 Chlordane-4

R.T.: 6.192 min
Delta R.T.: -0.005 min
Response: 292744
Conc: 0.31 ng/ml



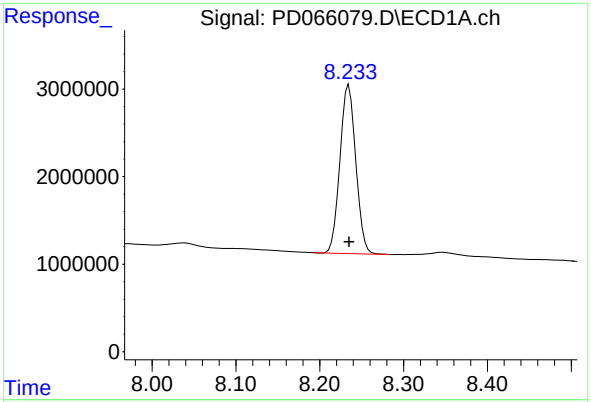
#27 Chlordane-5

R.T.: 6.314 min
Delta R.T.: -0.009 min
Response: 609602
Conc: 12.54 ng/ml



#27 Chlordane-5

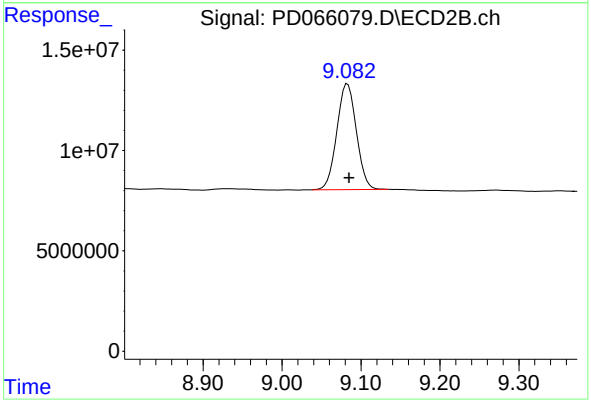
R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 25279207
Conc: 18.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.002 min
Response: 90617128
Conc: 23.41 ng/ml