Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
Data File : PD061503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2021 10:18
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: Mar 11 04:09:59 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
Quant Title : GC Extractables
QLast Update : Thu Mar 11 04:08:41 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...	3.486	3.982	16139004	169.6E6	20.134	20.329	
28)	SA Decachlor...	8.256	9.036	26186425	185.6E6	21.714	21.511	
	Target Compounds							
2)	A alpha-BHC	3.926	4.370	11414015	130.2E6	9.262	10.049	
3)	MA gamma-BHC...	4.210	4.655	11185698	122.5E6	9.503	10.100	
4)	MA Heptachlor	0.000	5.162	0	352747	N.D.	0.028	#
5)	MB Aldrin	4.759	5.498f	96755	1276332	0.083	0.107	#
6)	B beta-BHC	4.461	4.824	7043526	52093474	13.321	10.682	
7)	B delta-BHC	0.000	5.016f	0	26537396	N.D.	2.213	#
8)	B Heptachlo...	0.000	5.861	0	3563284	N.D.	0.327	#
9)	A Endosulfan I	0.000	6.209	0	444977	N.D.	0.043	#
10)	B gamma-Chl...	0.000	6.060f	0	1580161	N.D.	0.140	#
11)	B alpha-Chl...	0.000	6.174	0	610314	N.D.	0.056	#
12)	B 4,4'-DDE	5.657	6.315	279553	3756826	0.255	0.338	#
13)	MA Dieldrin	0.000	6.466	0	770942	N.D.	0.070	#
14)	MA Endrin	6.050	6.683	54489368	490.7E6	51.594	52.348	
15)	B Endosulfa...	6.322	6.895	1119173	3680507	1.120	0.412	#
16)	A 4,4'-DDD	6.177	6.806	91426	4176991	0.098	0.467	#
17)	MA 4,4'-DDT	6.416	7.103	106.1E6	939.2E6	106.745	101.543	
18)	B Endrin al...	6.488	7.012	720373	4414194	0.872	0.614	#
19)	B Endosulfa...	6.701	0.000	216524	0	0.208	N.D.	#
20)	A Methoxychlor	6.962	7.560	141.1E6	1080.7E6	250.371	233.600	
21)	B Endrin ke...	7.197	7.707	950045	7428489	0.769	0.805	
22)	Mirex	7.394	8.168	1227896	5540017	1.238	0.912	#
25)	Chlordane-3	0.000	6.060f	0	1580161	N.D.	0.908	#
26)	Chlordane-4	0.000	6.174	0	610314	N.D.	0.303	#
27)	Chlordane-5	6.322	0.000	1119173	0	23.108	N.D.	#

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

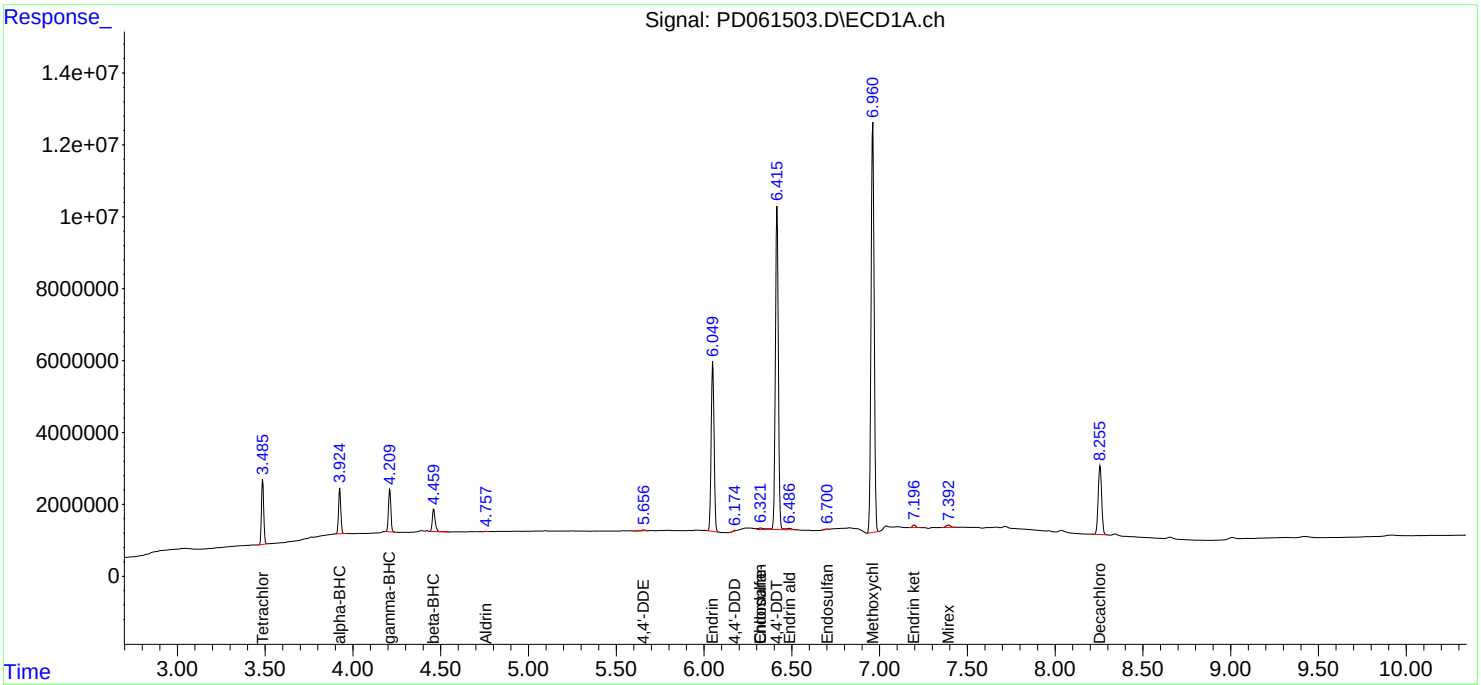
Quantitation Report (Not Reviewed)

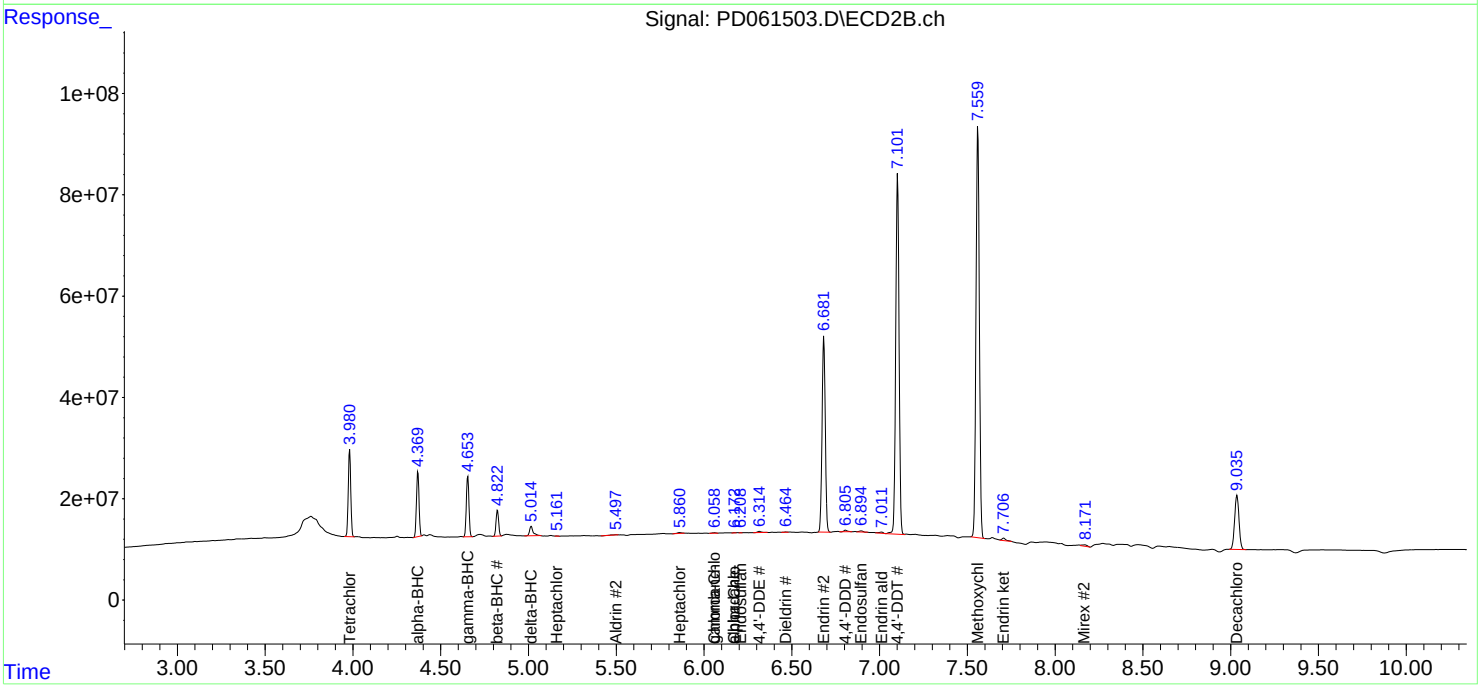
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
Data File : PD061503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2021 10:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

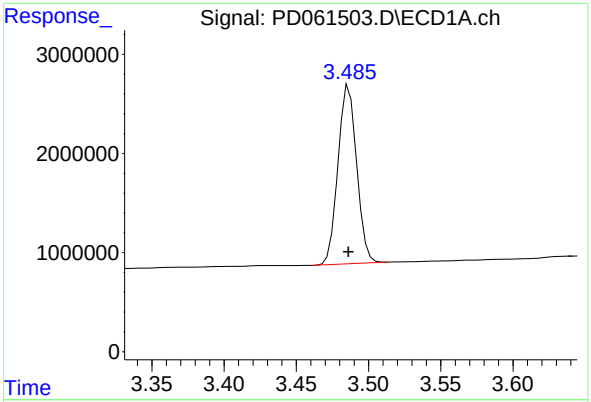
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 04:09:59 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
Quant Title : GC Extractables
QLast Update : Thu Mar 11 04:08:41 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



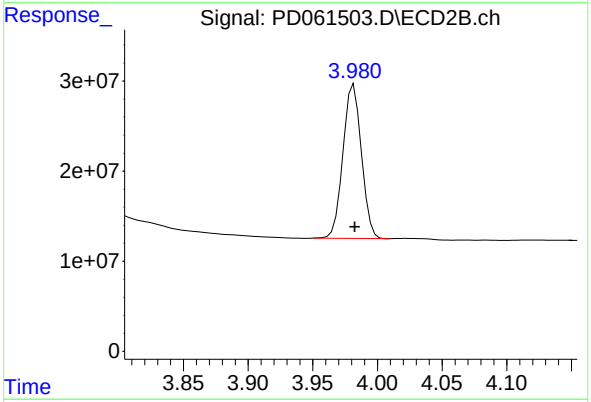




#1 Tetrachloro-m-xylene

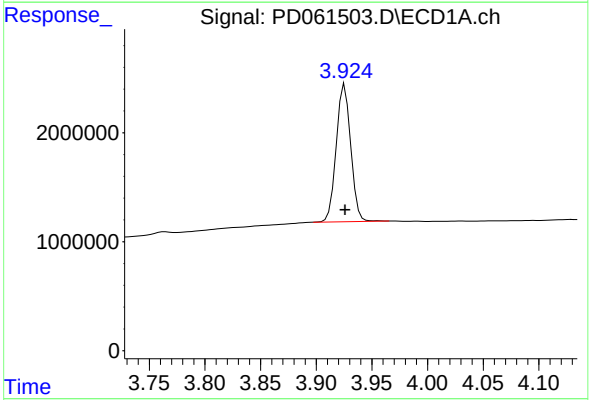
R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 16139004
Conc: 20.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



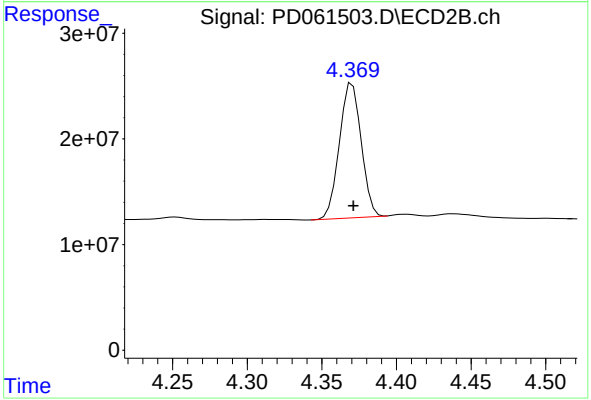
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 169603570
Conc: 20.33 ng/ml



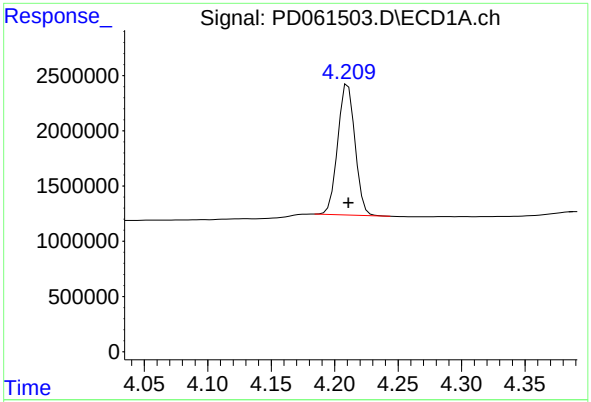
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 11414015
Conc: 9.26 ng/ml



#2 alpha-BHC

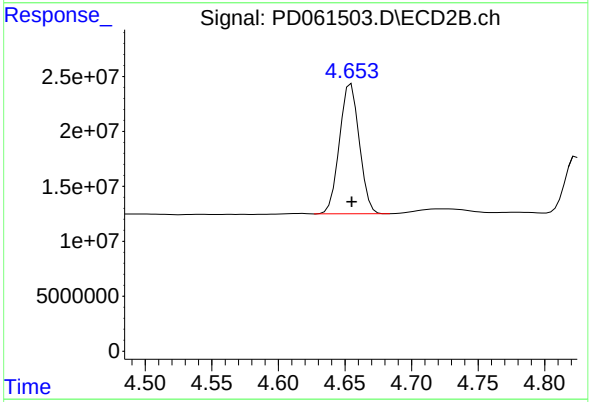
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 130242139
Conc: 10.05 ng/ml



#3 gamma-BHC (Lindane)

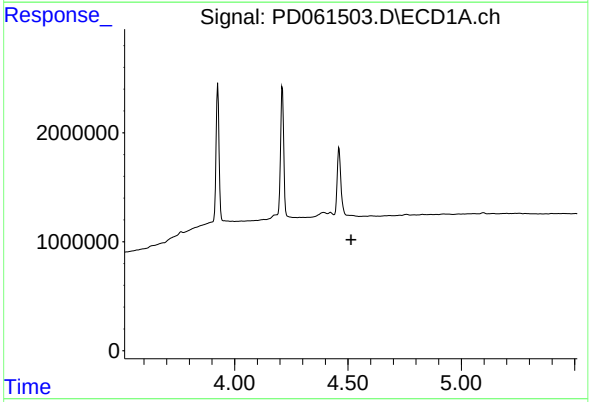
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 11185698
Conc: 9.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



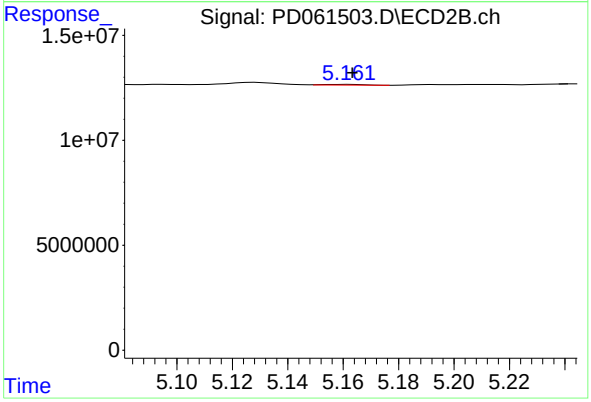
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 122527713
Conc: 10.10 ng/ml



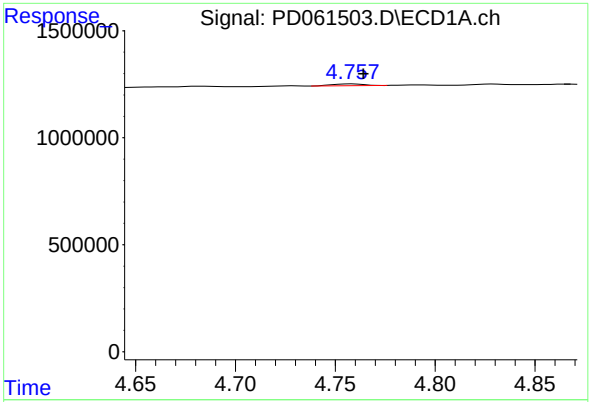
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.514 min
Response: 0
Conc: N.D.



#4 Heptachlor

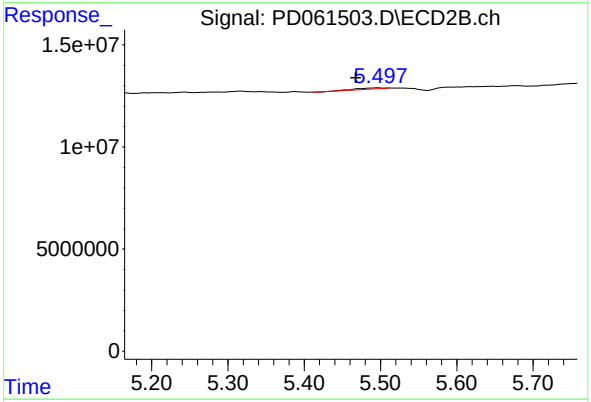
R.T.: 5.162 min
Delta R.T.: -0.001 min
Response: 352747
Conc: 0.03 ng/ml



#5 Aldrin

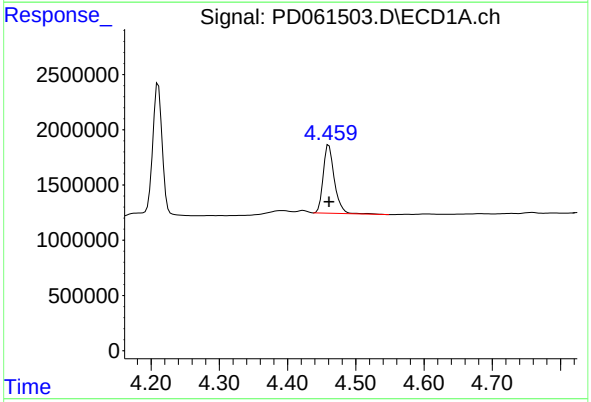
R.T.: 4.759 min
Delta R.T.: -0.005 min
Response: 96755
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



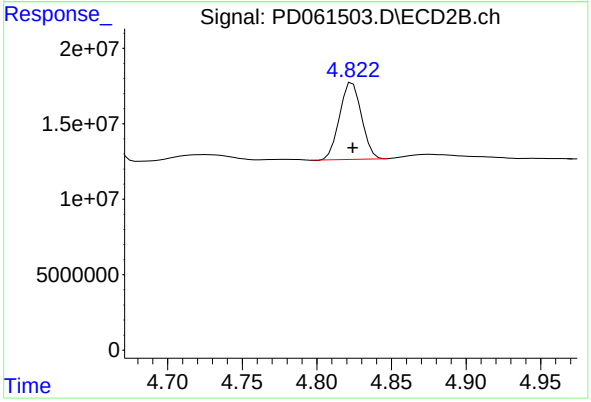
#5 Aldrin

R.T.: 5.498 min
Delta R.T.: 0.030 min
Response: 1276332
Conc: 0.11 ng/ml



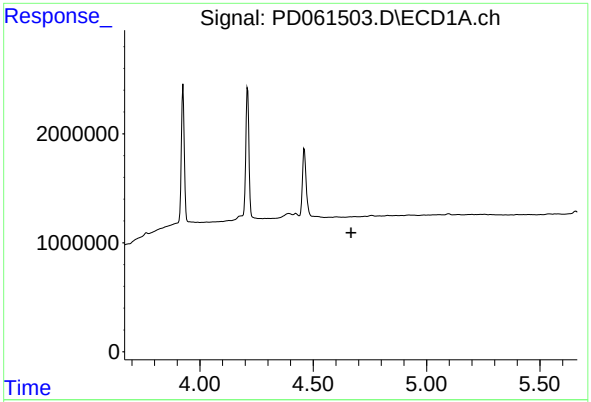
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 7043526
Conc: 13.32 ng/ml



#6 beta-BHC

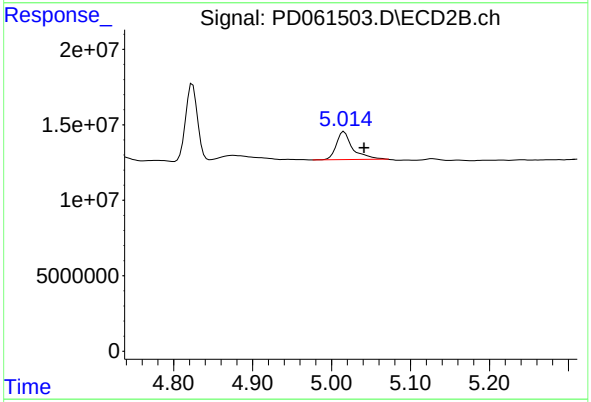
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 52093474
Conc: 10.68 ng/ml



#7 delta-BHC

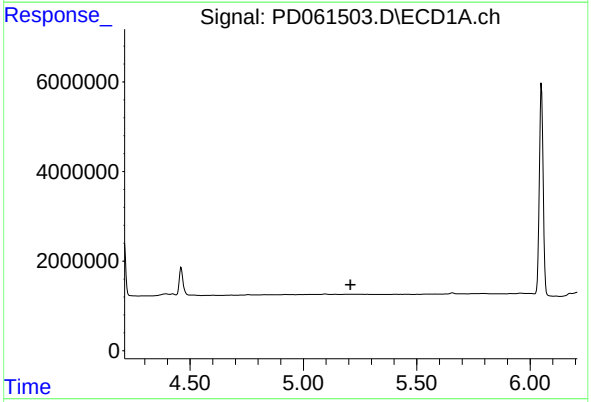
R.T.: 0.000 min
Exp R.T. : 4.667 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



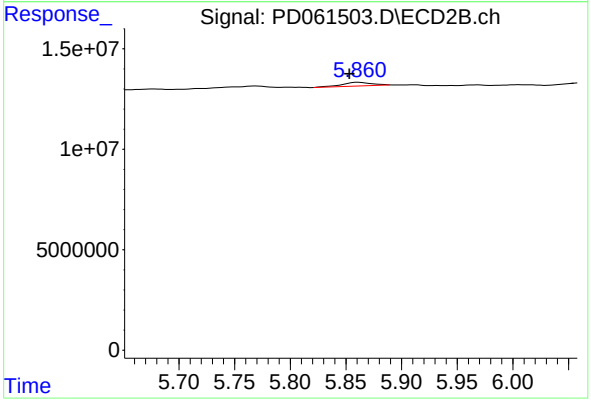
#7 delta-BHC

R.T.: 5.016 min
Delta R.T.: -0.025 min
Response: 26537396
Conc: 2.21 ng/ml



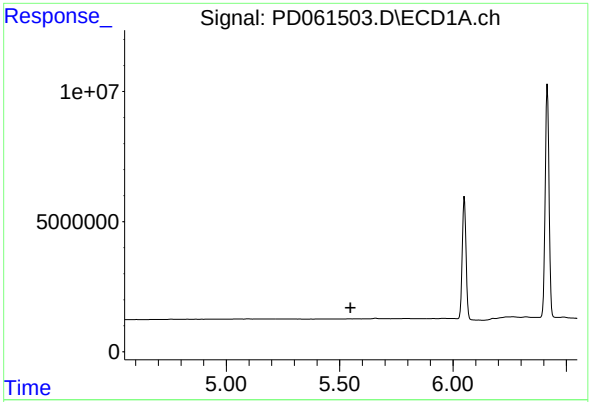
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.208 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

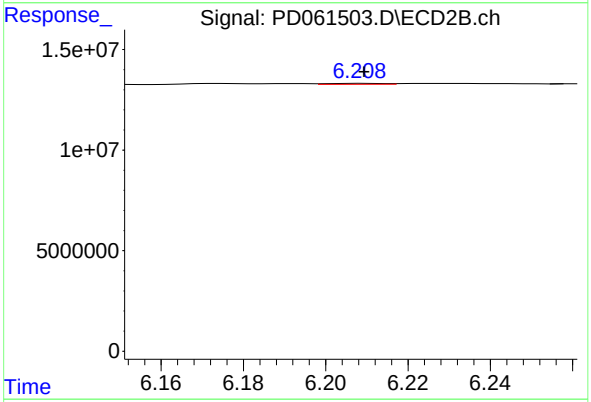
R.T.: 5.861 min
Delta R.T.: 0.008 min
Response: 3563284
Conc: 0.33 ng/ml



#9 Endosulfan I

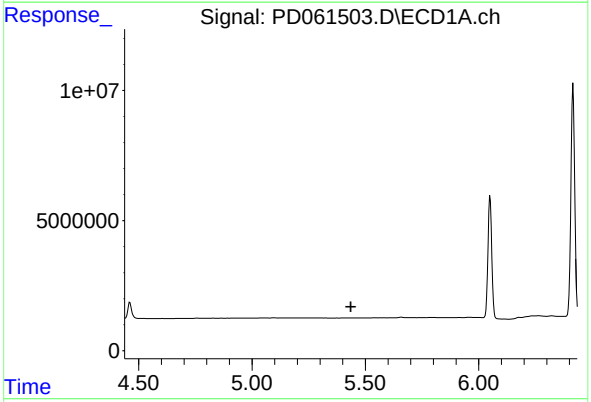
R.T.: 0.000 min
Exp R.T. : 5.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



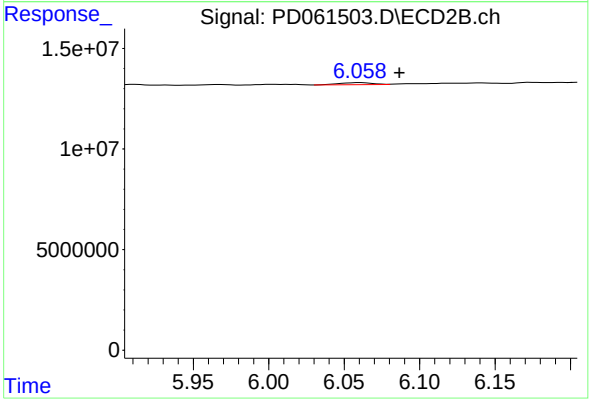
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 444977
Conc: 0.04 ng/ml



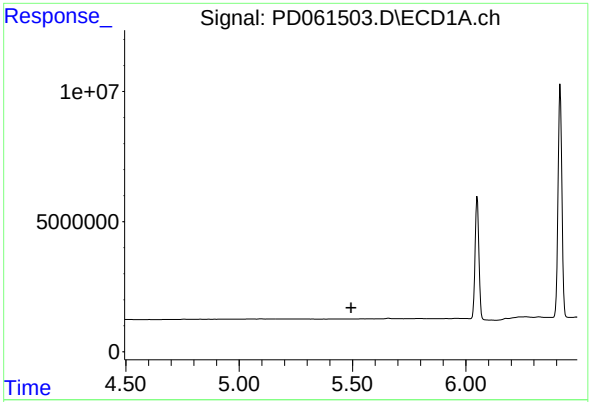
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.436 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

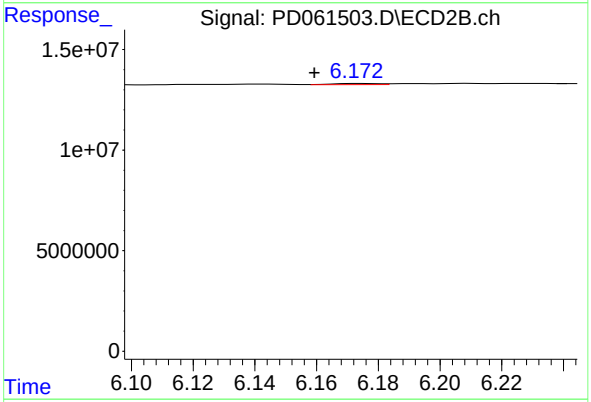
R.T.: 6.060 min
Delta R.T.: -0.026 min
Response: 1580161
Conc: 0.14 ng/ml



#11 alpha-Chlordane

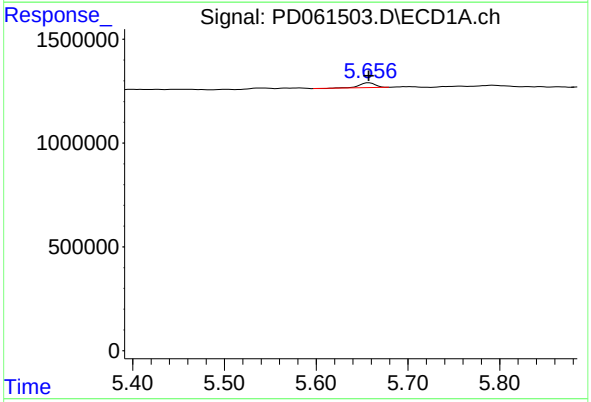
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



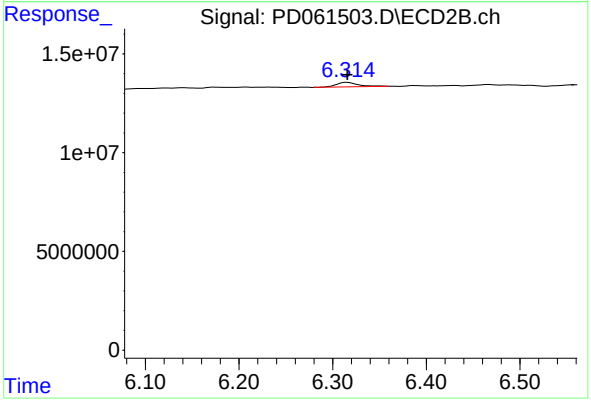
#11 alpha-Chlordane

R.T.: 6.174 min
Delta R.T.: 0.015 min
Response: 610314
Conc: 0.06 ng/ml



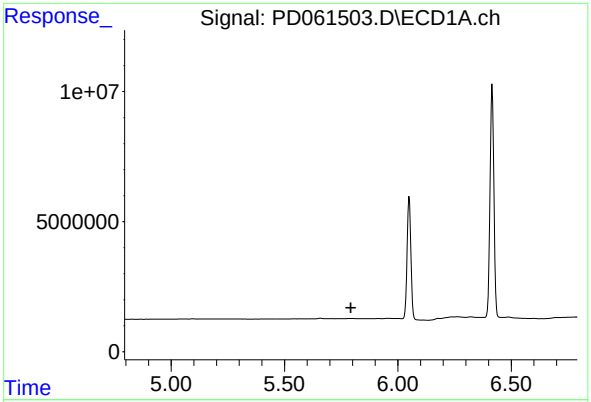
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 279553
Conc: 0.25 ng/ml



#12 4,4'-DDE

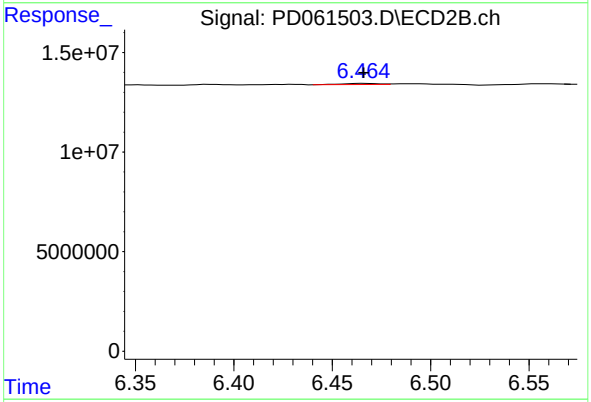
R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 3756826
Conc: 0.34 ng/ml



#13 Dieldrin

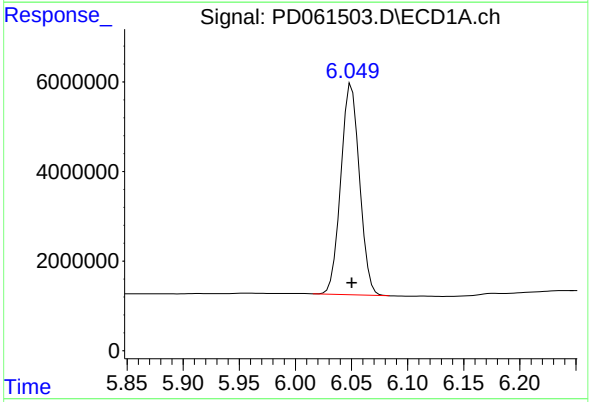
R.T.: 0.000 min
Exp R.T. : 5.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



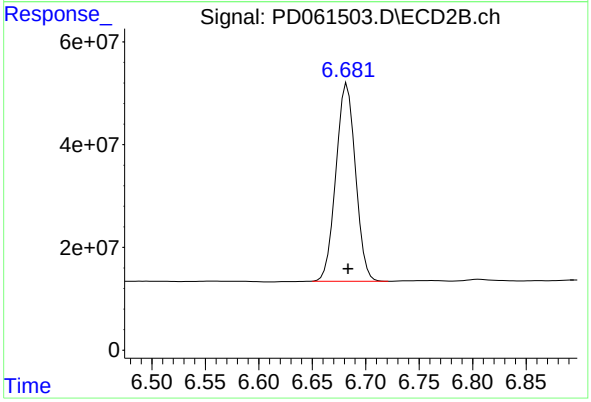
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 770942
Conc: 0.07 ng/ml



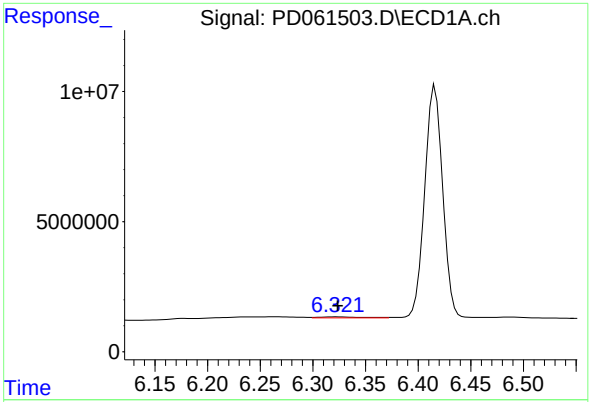
#14 Endrin

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 54489368
Conc: 51.59 ng/ml



#14 Endrin

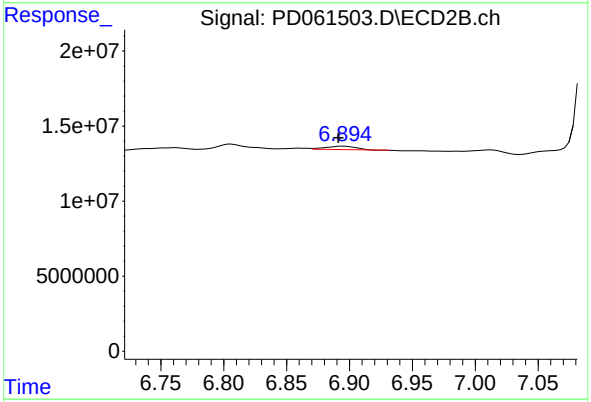
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 490727726
Conc: 52.35 ng/ml



#15 Endosulfan II

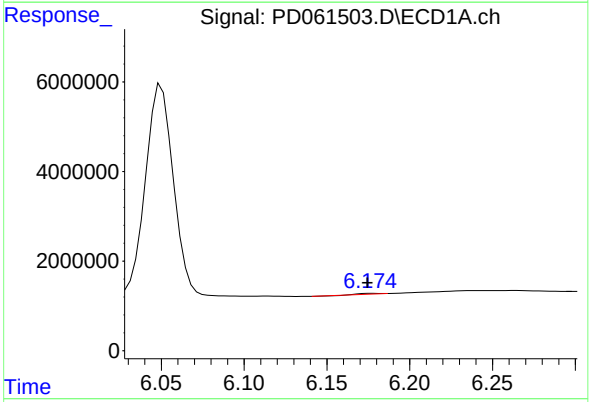
R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 1119173
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



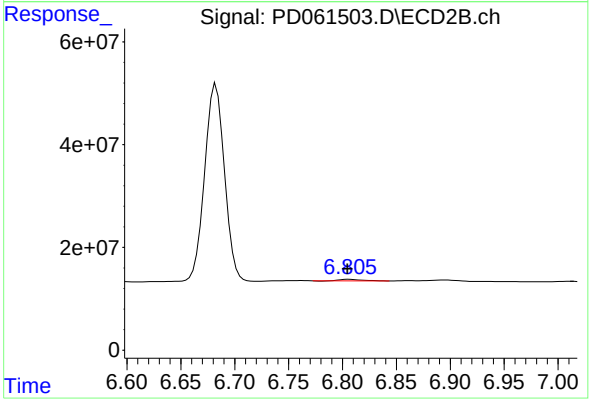
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.004 min
Response: 3680507
Conc: 0.41 ng/ml



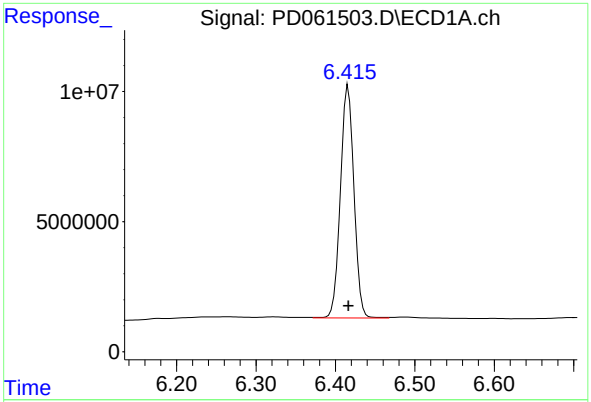
#16 4,4'-DDD

R.T.: 6.177 min
Delta R.T.: 0.003 min
Response: 91426
Conc: 0.10 ng/ml



#16 4,4'-DDD

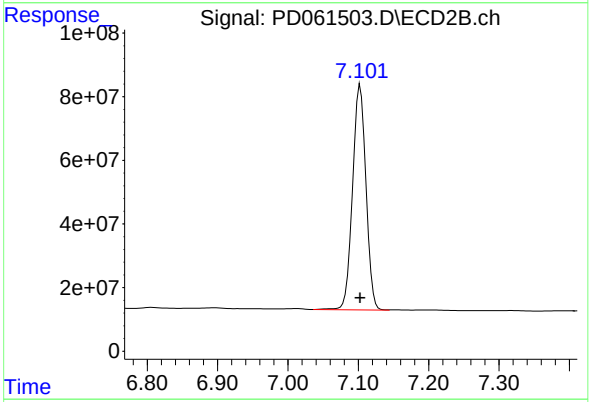
R.T.: 6.806 min
Delta R.T.: 0.002 min
Response: 4176991
Conc: 0.47 ng/ml



#17 4,4'-DDT

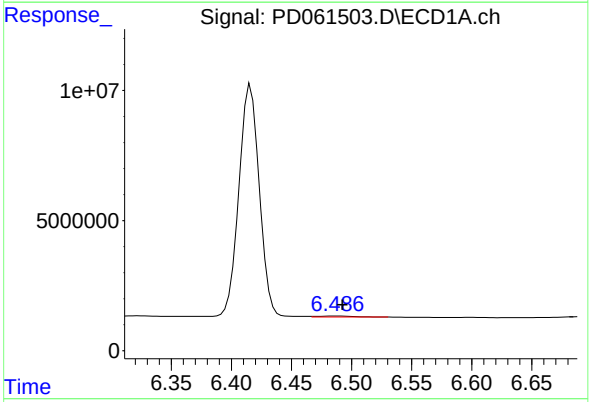
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 106141268
Conc: 106.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



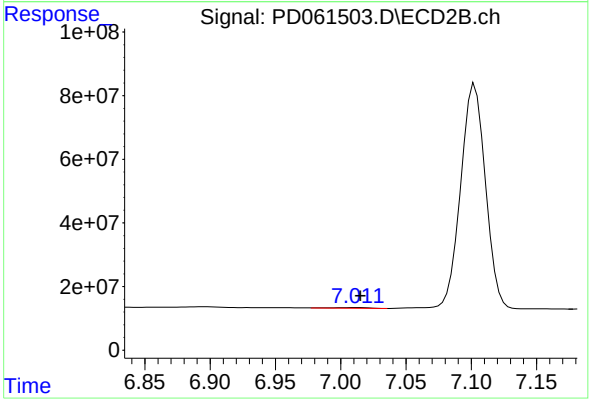
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 939194614
Conc: 101.54 ng/ml



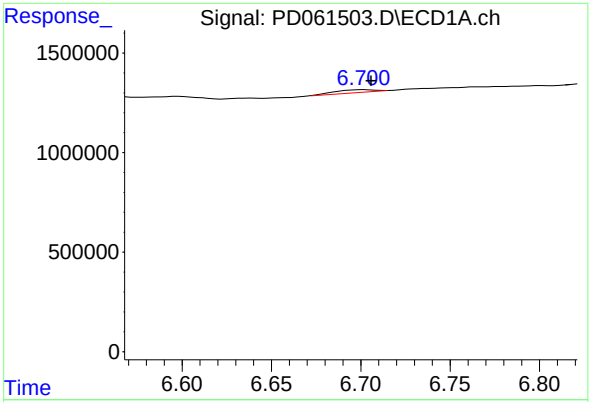
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: -0.005 min
Response: 720373
Conc: 0.87 ng/ml



#18 Endrin aldehyde

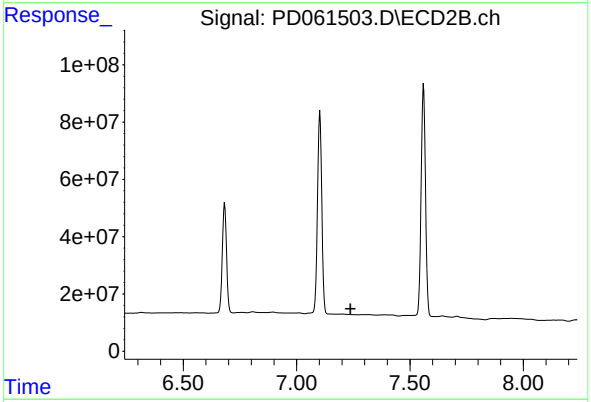
R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 4414194
Conc: 0.61 ng/ml



#19 Endosulfan Sulfate

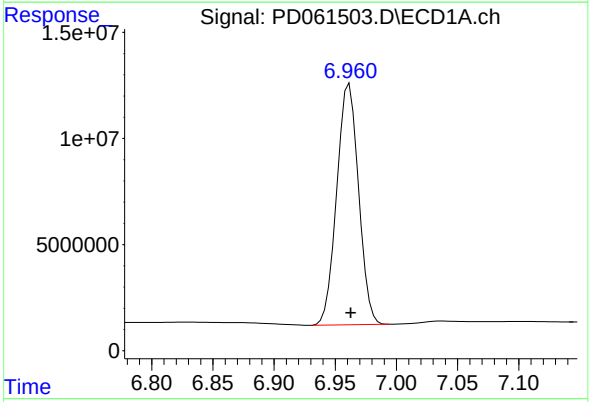
R.T.: 6.701 min
Delta R.T.: -0.004 min
Response: 216524
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



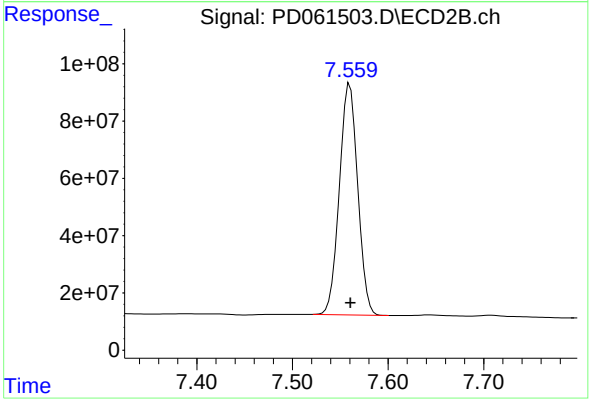
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.238 min
Response: 0
Conc: N.D.



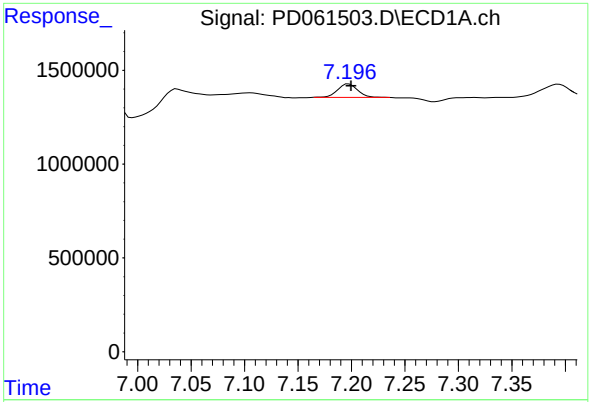
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: -0.001 min
Response: 141130537
Conc: 250.37 ng/ml



#20 Methoxychlor

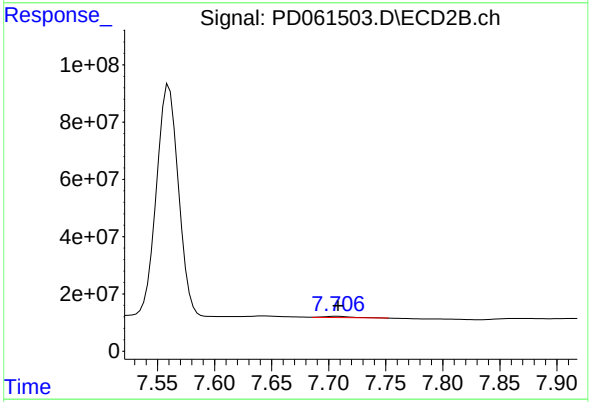
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 1080734054
Conc: 233.60 ng/ml



#21 Endrin ketone

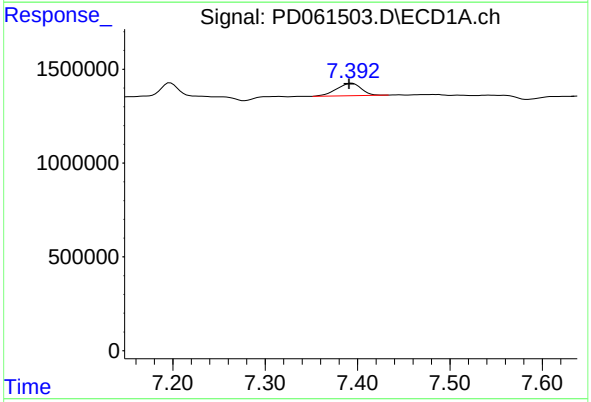
R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 950045
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



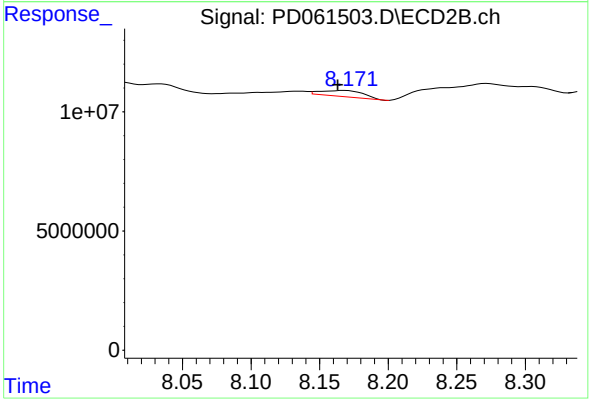
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 7428489
Conc: 0.81 ng/ml



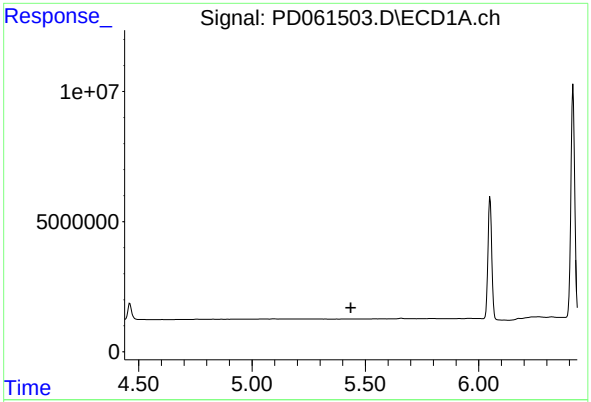
#22 Mirex

R.T.: 7.394 min
Delta R.T.: 0.003 min
Response: 1227896
Conc: 1.24 ng/ml



#22 Mirex

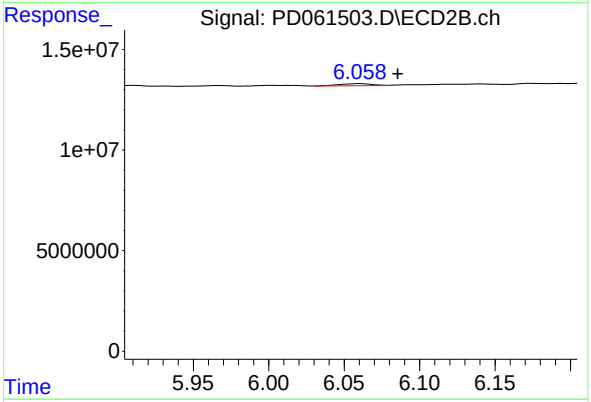
R.T.: 8.168 min
Delta R.T.: 0.005 min
Response: 5540017
Conc: 0.91 ng/ml



#25 Chlordane-3

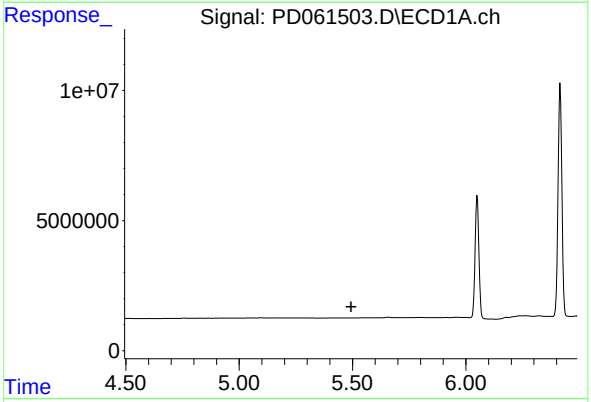
R.T.: 0.000 min
Exp R.T. : 5.435 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



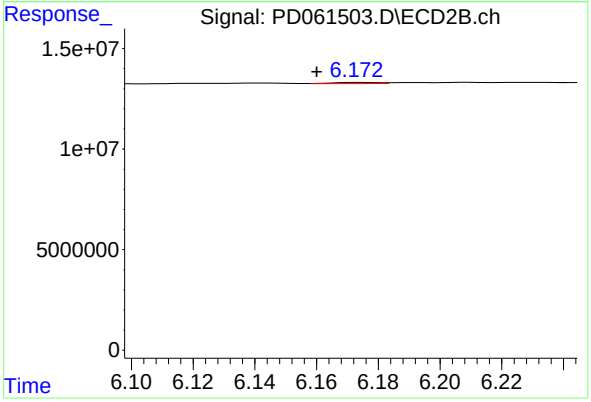
#25 Chlordane-3

R.T.: 6.060 min
Delta R.T.: -0.025 min
Response: 1580161
Conc: 0.91 ng/ml



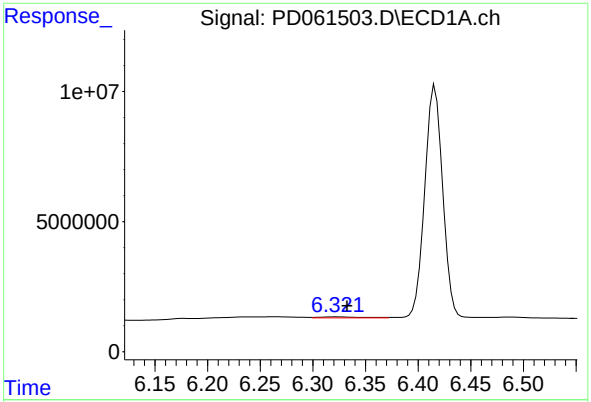
#26 Chlordane-4

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



#26 Chlordane-4

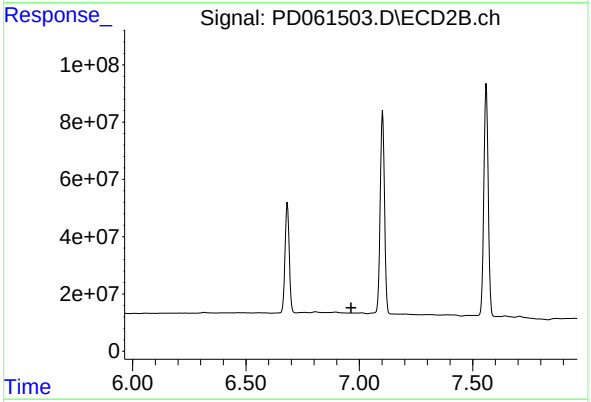
R.T.: 6.174 min
Delta R.T.: 0.014 min
Response: 610314
Conc: 0.30 ng/ml



#27 Chlordane-5

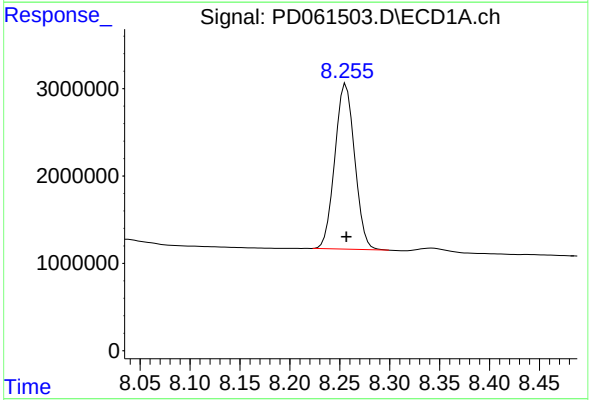
R.T.: 6.322 min
Delta R.T.: -0.010 min
Response: 1119173
Conc: 23.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



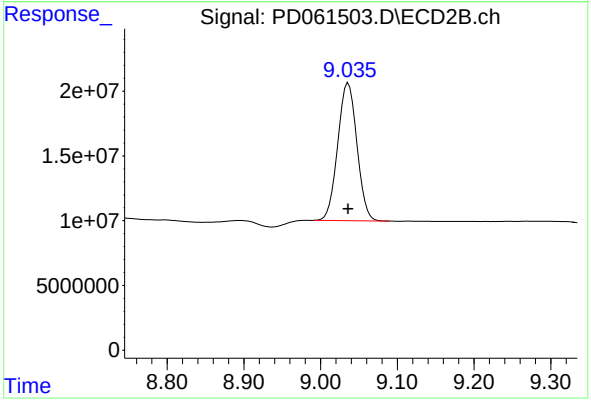
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.963 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 26186425
Conc: 21.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.036 min
Delta R.T.: 0.000 min
Response: 185596397
Conc: 21.51 ng/ml