Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
Data File : PD061701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2021 09:07
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 19 06:26:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
Quant Title : GC Extractables
QLast Update : Thu Mar 18 07:52:17 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...	3.485	3.981	17825234	176.0E6	20.854	20.509	
28)	SA Decachlor...	8.258	9.039	25243680	185.0E6	20.627	21.283	
	Target Compounds							
2)	A alpha-BHC	3.925	4.370	12939850	121.2E6	9.950	9.532	
3)	MA gamma-BHC...	4.210	4.654	12241496	119.3E6	10.141	10.236	
4)	MA Heptachlor	0.000	5.169	0	600169	N.D.	0.050	#
5)	MB Aldrin	0.000	5.473	0	1242482	N.D.	0.103	#
6)	B beta-BHC	4.460	4.823	6208354	52506119	11.065	10.874	
7)	B delta-BHC	0.000	5.036	0	9256217	N.D.	0.767	#
8)	B Heptachlo...	0.000	5.848	0	37273956	N.D.	3.498	#
9)	A Endosulfan I	5.576f	6.203	175484	2447467	0.158	0.234	#
10)	B gamma-Chl...	0.000	6.108f	0	4906061	N.D.	0.435	#
11)	B alpha-Chl...	0.000	6.182f	0	1099463	N.D.	0.101	#
12)	B 4,4'-DDE	5.657	6.313	423540	1742662	0.373	0.157	#
13)	MA Dieldrin	5.808	6.469	629901	11338632	0.539	1.016	#
14)	MA Endrin	6.051	6.684	50444668	430.9E6	47.957	46.022	
15)	B Endosulfa...	6.323	6.899	1239183	3280566	1.199	0.354	#
16)	A 4,4'-DDD	6.175	6.806	1756678	19489046	1.834	2.155	
17)	MA 4,4'-DDT	6.416	7.104	101.9E6	894.2E6	101.415	90.704	
18)	B Endrin al...	6.492	7.016	1820471	12859466	2.088	1.693	
19)	B Endosulfa...	6.696	7.234	345770	139954	0.320	0.014	#
20)	A Methoxychlor	6.963	7.561	123.0E6	1004.0E6	224.741	216.597	
21)	B Endrin ke...	7.199	7.709	8910879	24411930	6.864	2.538	#
22)	Mirex	7.391	8.147f	1203935	8482906	1.257	1.445	
23)	Chlordane-1	4.344f	0.000	326521	0	9.885	N.D.	#
25)	Chlordane-3	0.000	6.108f	0	4906061	N.D.	3.066	#
26)	Chlordane-4	0.000	6.182f	0	1099463	N.D.	0.595	#
27)	Chlordane-5	6.323	6.955	1239183	2808631	28.019	8.005	#

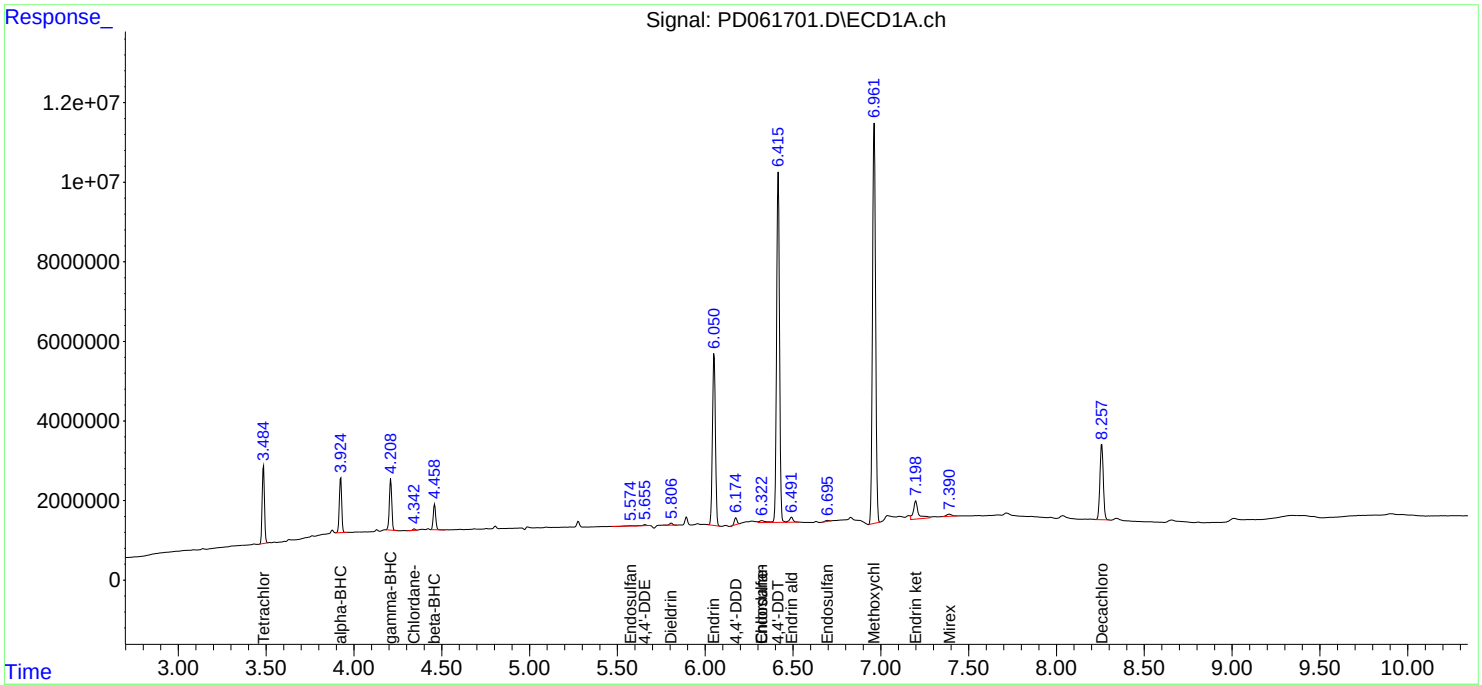
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

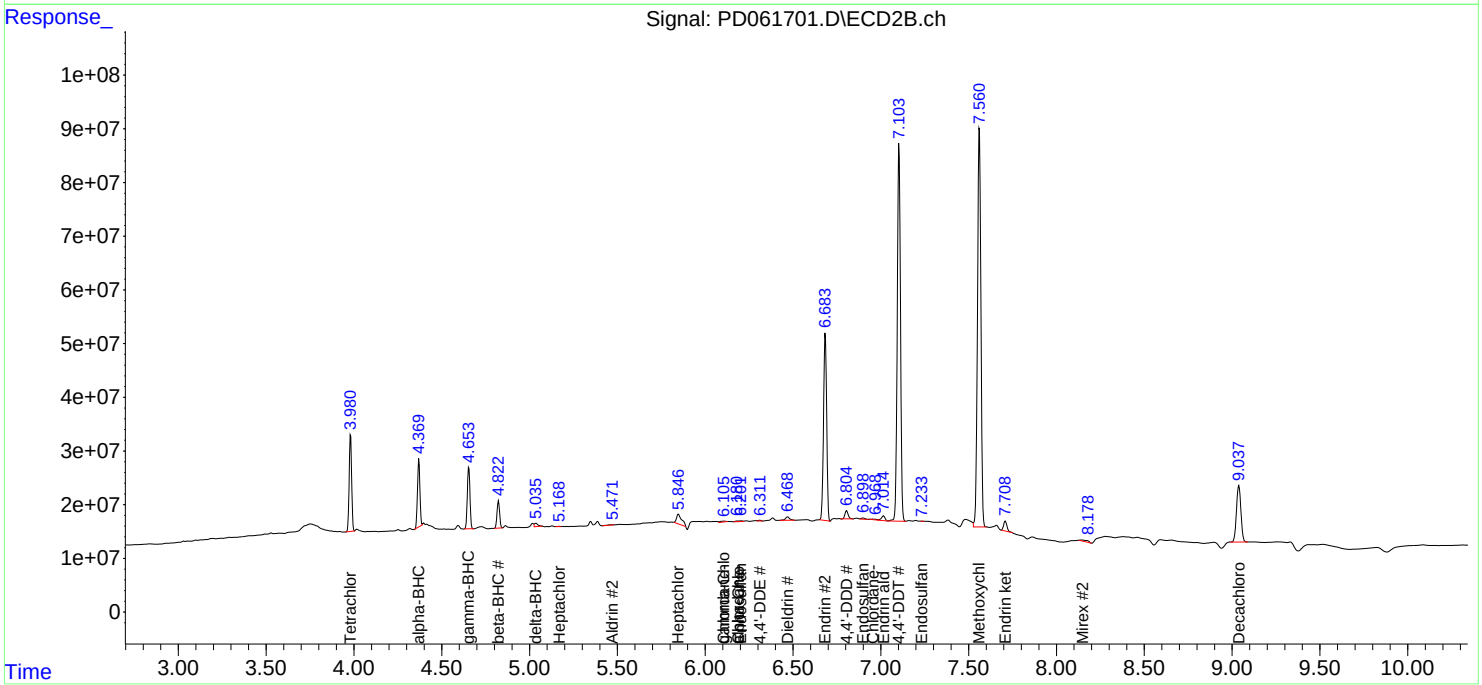
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
Data File : PD061701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2021 09:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

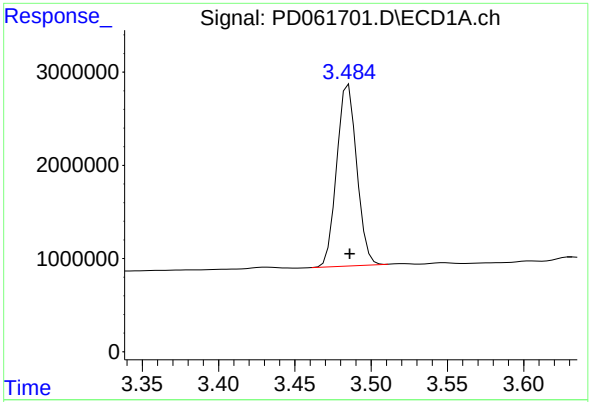
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 06:26:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
Quant Title : GC Extractables
QLast Update : Thu Mar 18 07:52:17 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



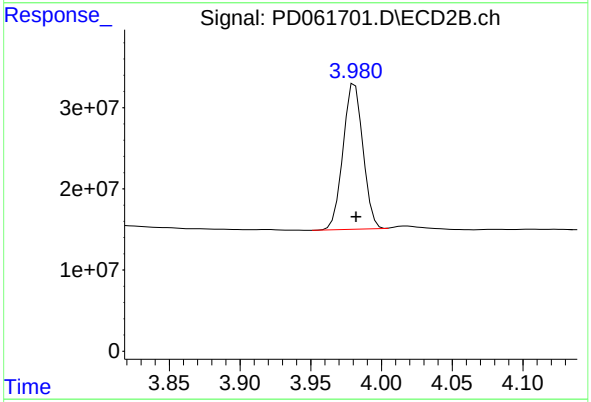




#1 Tetrachloro-m-xylene

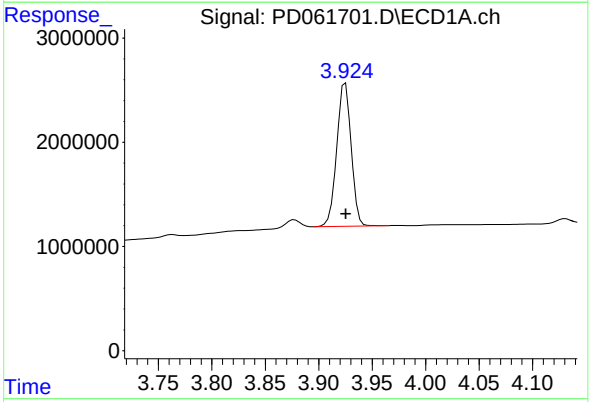
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 17825234
Conc: 20.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



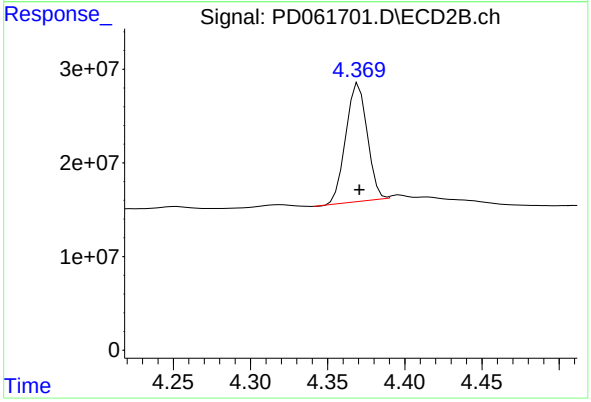
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 175955000
Conc: 20.51 ng/ml



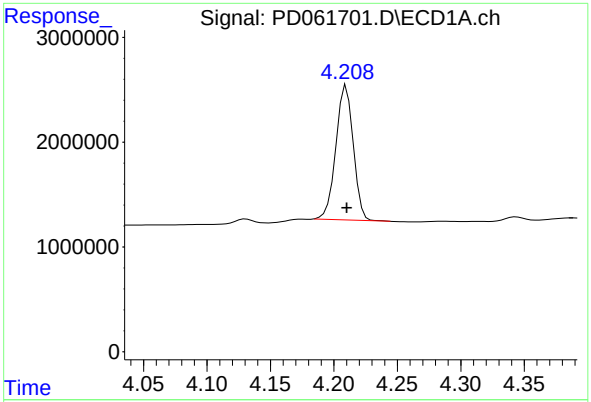
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 12939850
Conc: 9.95 ng/ml



#2 alpha-BHC

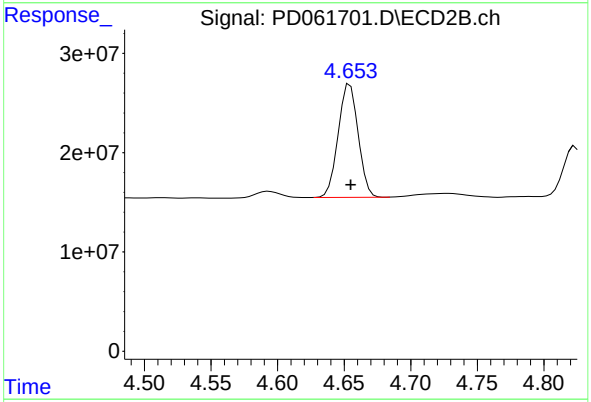
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 121219802
Conc: 9.53 ng/ml



#3 gamma-BHC (Lindane)

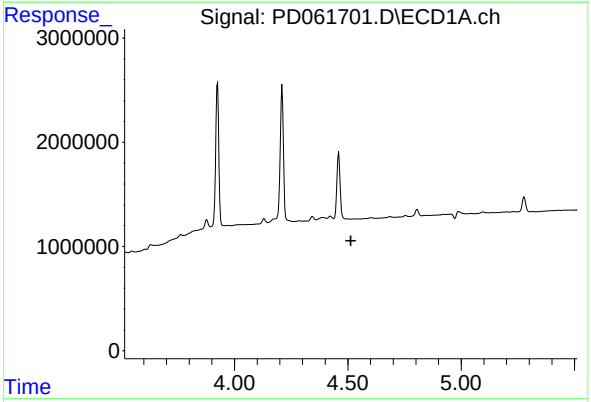
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 12241496
Conc: 10.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



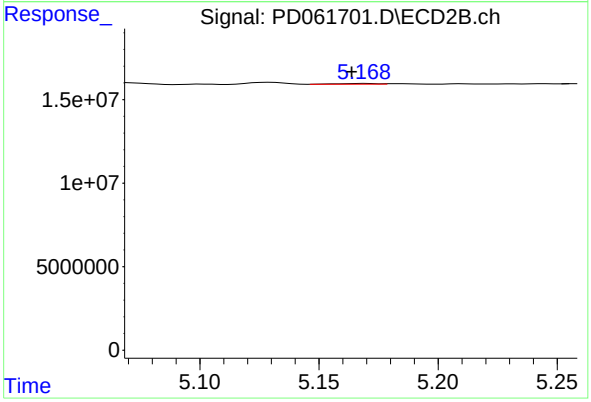
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 119264091
Conc: 10.24 ng/ml



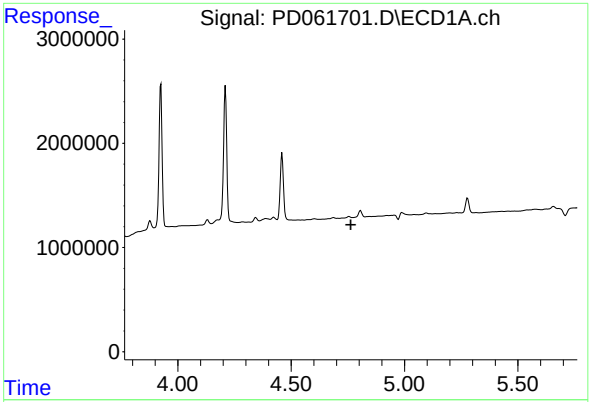
#4 Heptachlor

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



#4 Heptachlor

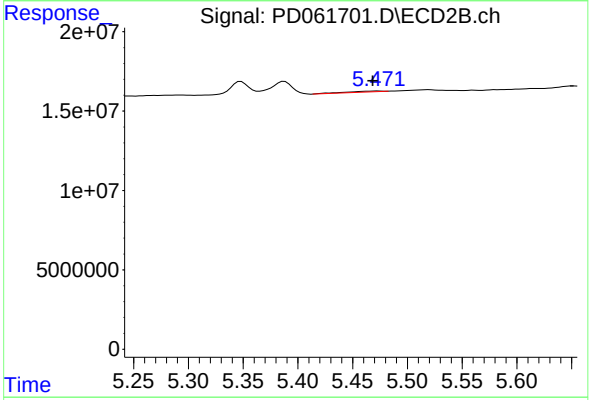
R.T.: 5.169 min
Delta R.T.: 0.005 min
Response: 600169
Conc: 0.05 ng/ml



#5 Aldrin

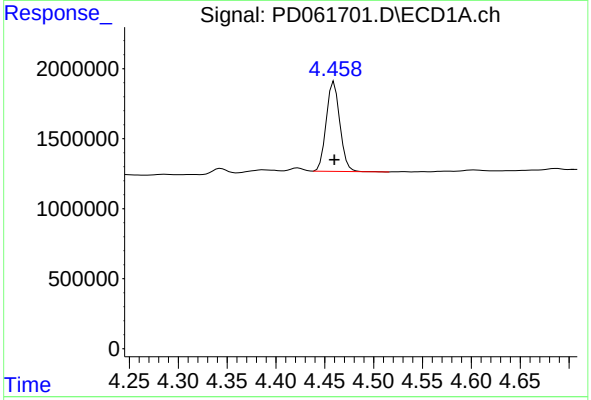
R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



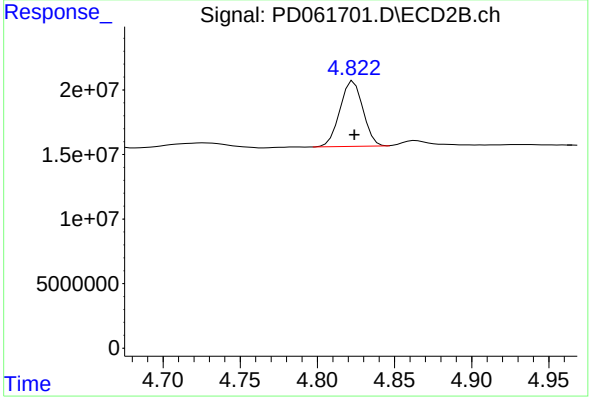
#5 Aldrin

R.T.: 5.473 min
Delta R.T.: 0.004 min
Response: 1242482
Conc: 0.10 ng/ml



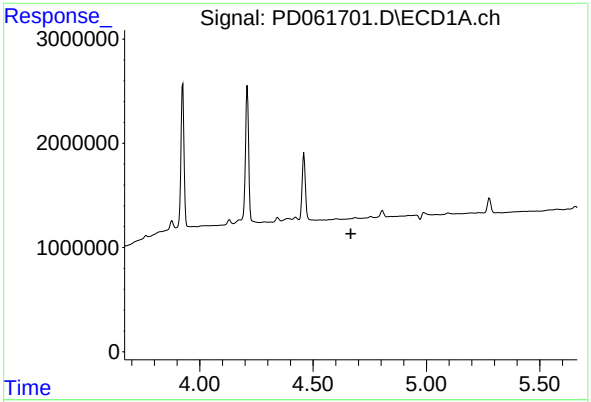
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 6208354
Conc: 11.07 ng/ml



#6 beta-BHC

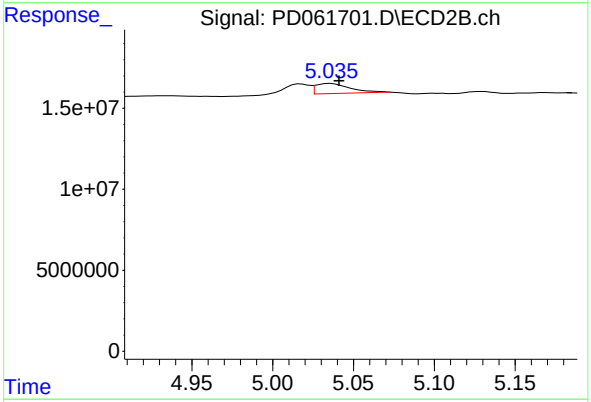
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 52506119
Conc: 10.87 ng/ml



#7 delta-BHC

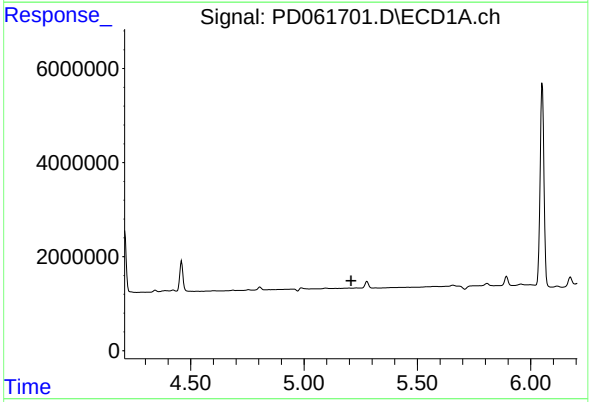
R.T.: 0.000 min
Exp R.T. : 4.667 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



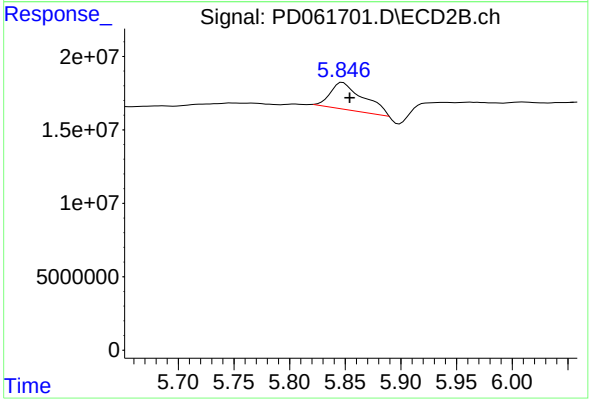
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: -0.005 min
Response: 9256217
Conc: 0.77 ng/ml



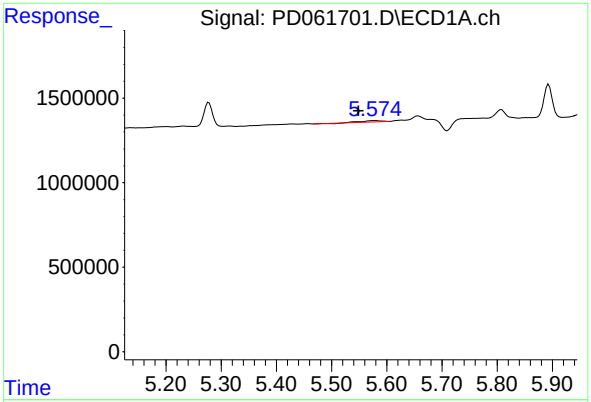
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

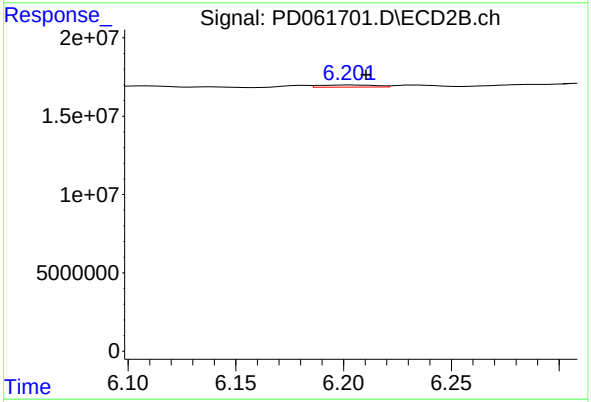
R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 37273956
Conc: 3.50 ng/ml



#9 Endosulfan I

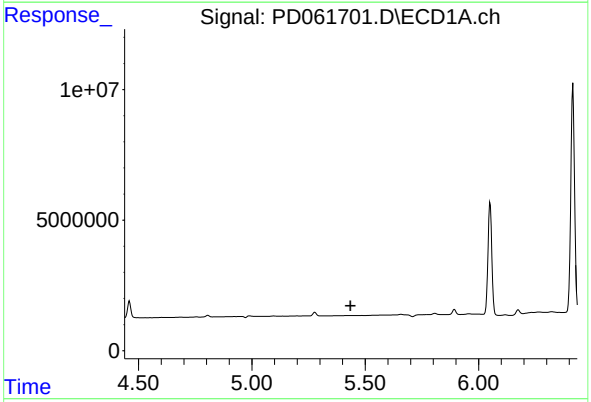
R.T.: 5.576 min
Delta R.T.: 0.027 min
Response: 175484
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



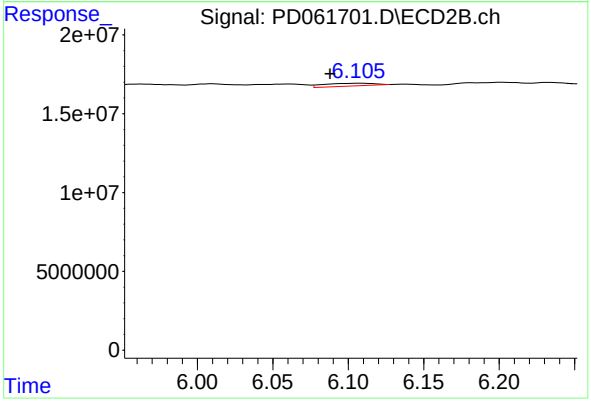
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: -0.008 min
Response: 2447467
Conc: 0.23 ng/ml



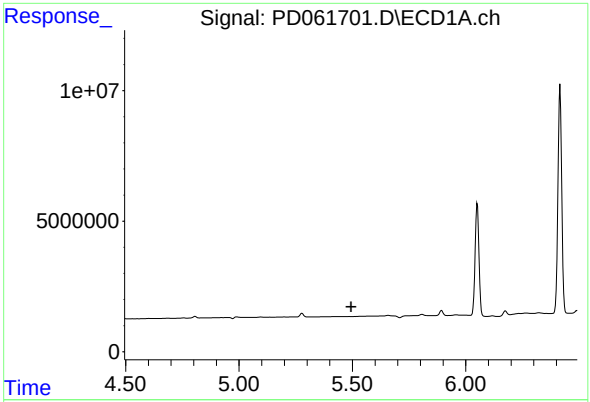
#10 gamma-Chlordane

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



#10 gamma-Chlordane

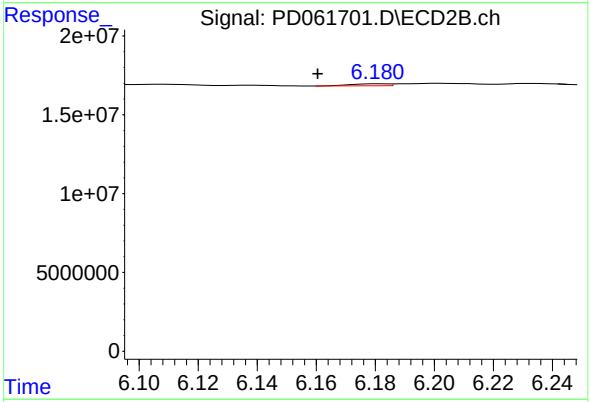
R.T.: 6.108 min
Delta R.T.: 0.020 min
Response: 4906061
Conc: 0.43 ng/ml



#11 alpha-Chlordane

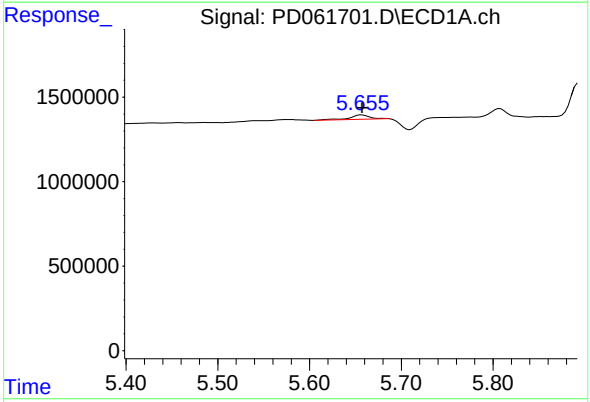
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



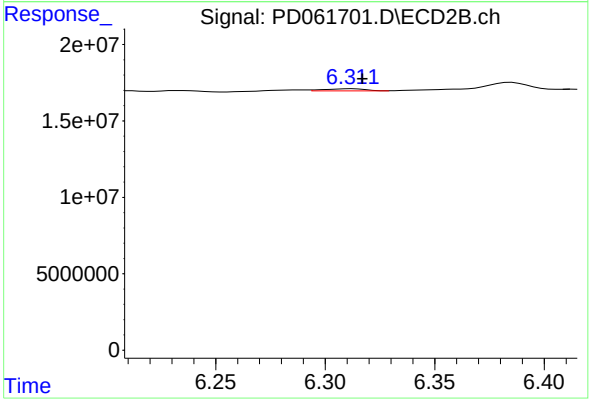
#11 alpha-Chlordane

R.T.: 6.182 min
Delta R.T.: 0.021 min
Response: 1099463
Conc: 0.10 ng/ml



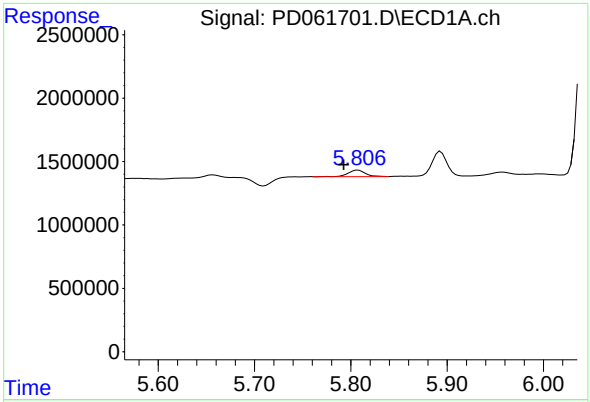
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 423540
Conc: 0.37 ng/ml



#12 4,4'-DDE

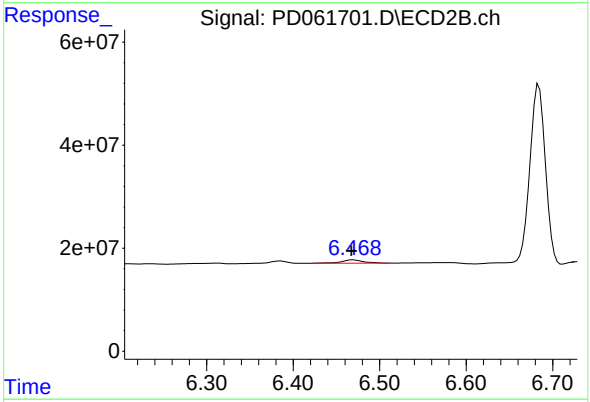
R.T.: 6.313 min
Delta R.T.: -0.004 min
Response: 1742662
Conc: 0.16 ng/ml



#13 Dieldrin

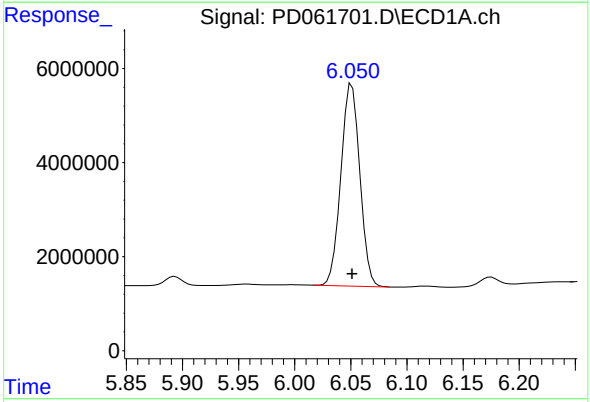
R.T.: 5.808 min
Delta R.T.: 0.015 min
Response: 629901
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



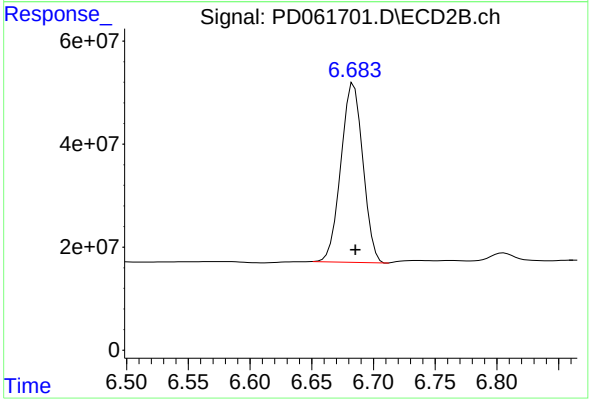
#13 Dieldrin

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 11338632
Conc: 1.02 ng/ml



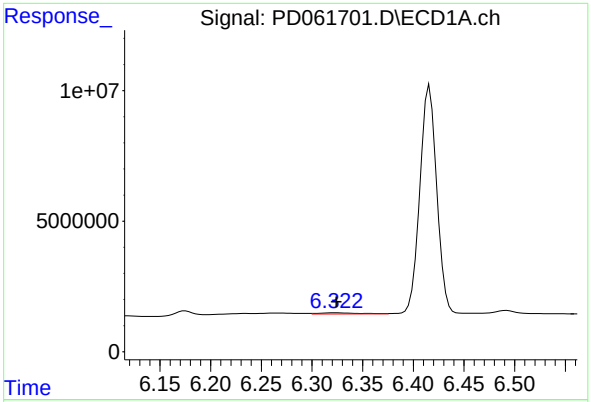
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 50444668
Conc: 47.96 ng/ml



#14 Endrin

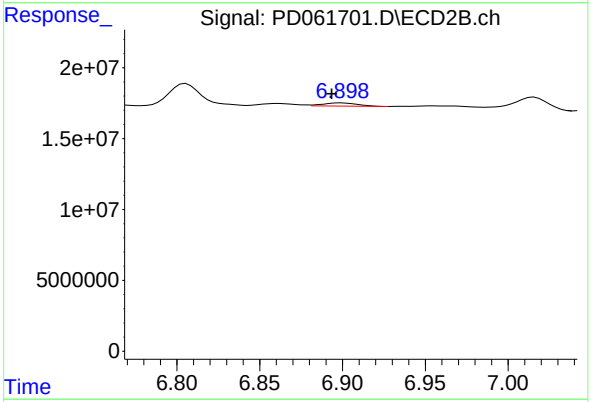
R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 430881150
Conc: 46.02 ng/ml



#15 Endosulfan II

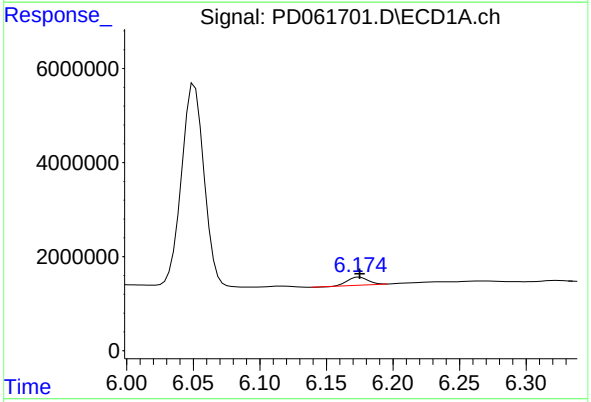
R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 1239183
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



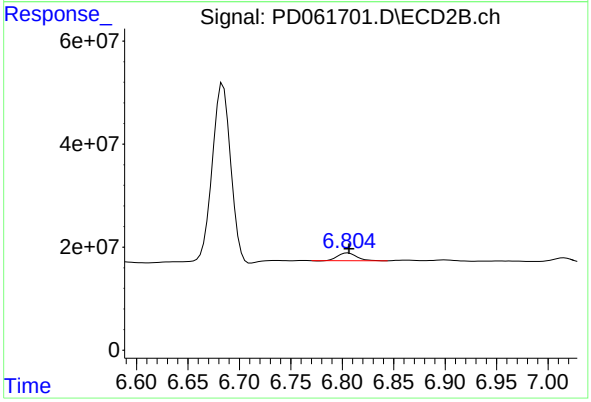
#15 Endosulfan II

R.T.: 6.899 min
Delta R.T.: 0.006 min
Response: 3280566
Conc: 0.35 ng/ml



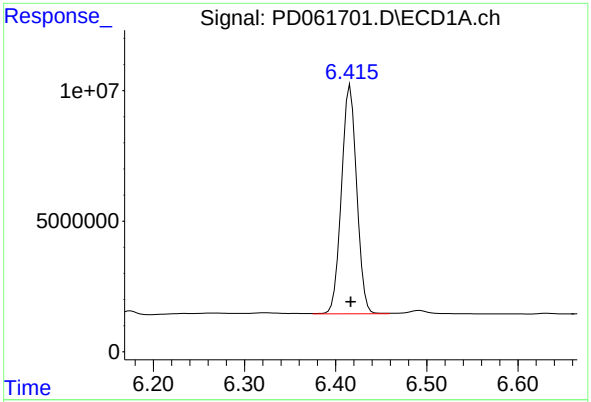
#16 4,4'-DDD

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 1756678
Conc: 1.83 ng/ml



#16 4,4'-DDD

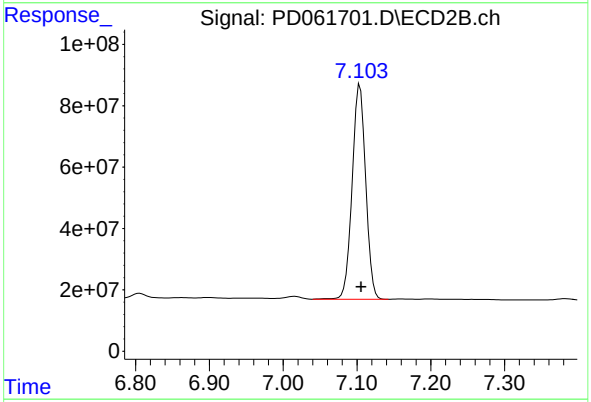
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 19489046
Conc: 2.16 ng/ml



#17 4,4'-DDT

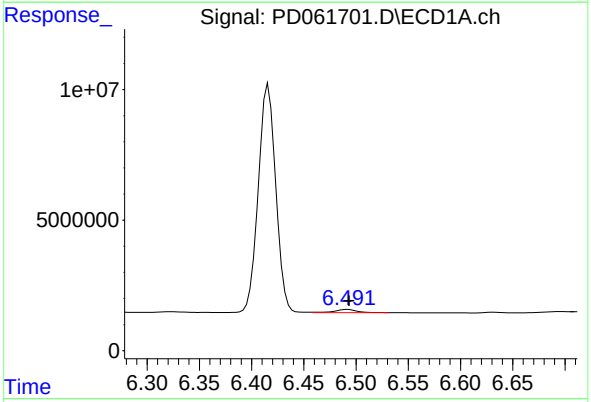
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 101939087
Conc: 101.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



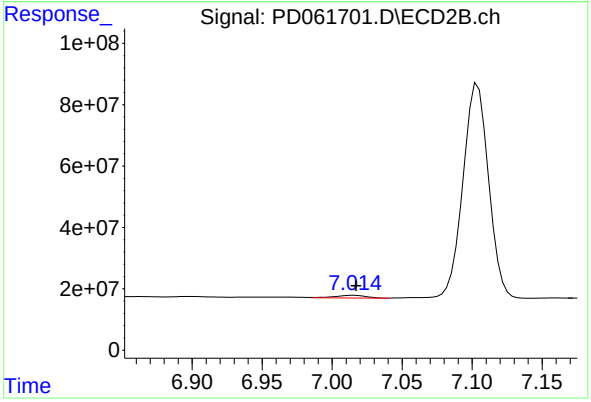
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 894197504
Conc: 90.70 ng/ml



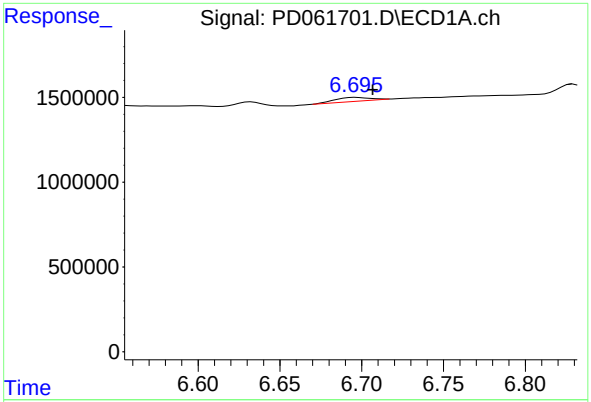
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: -0.001 min
Response: 1820471
Conc: 2.09 ng/ml



#18 Endrin aldehyde

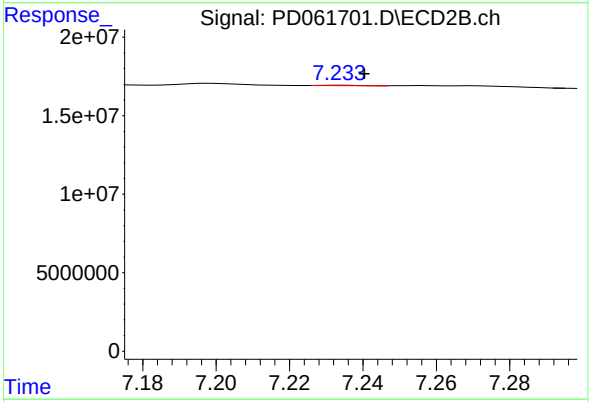
R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 12859466
Conc: 1.69 ng/ml



#19 Endosulfan Sulfate

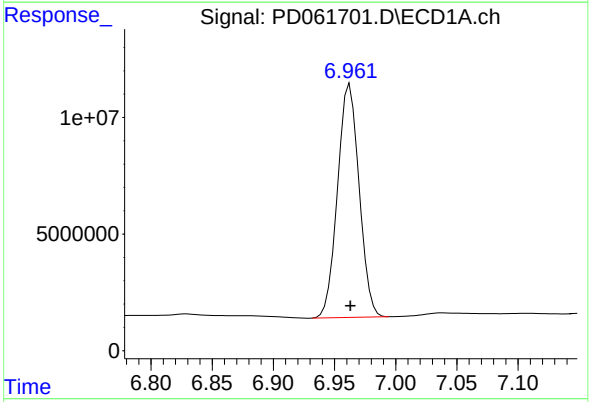
R.T.: 6.696 min
Delta R.T.: -0.010 min
Response: 345770
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



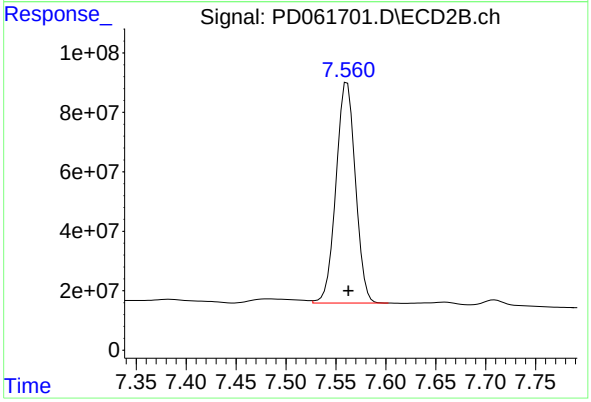
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: -0.006 min
Response: 139954
Conc: 0.01 ng/ml



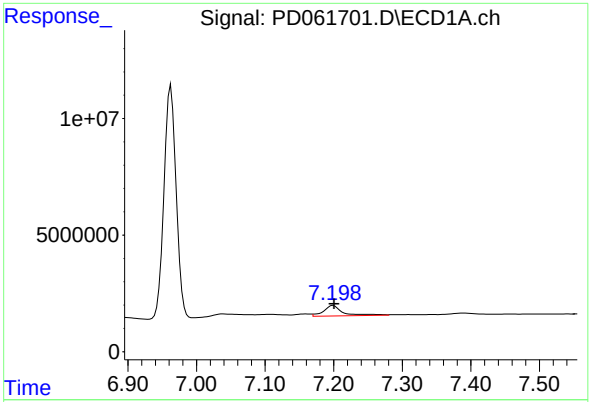
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 123020457
Conc: 224.74 ng/ml



#20 Methoxychlor

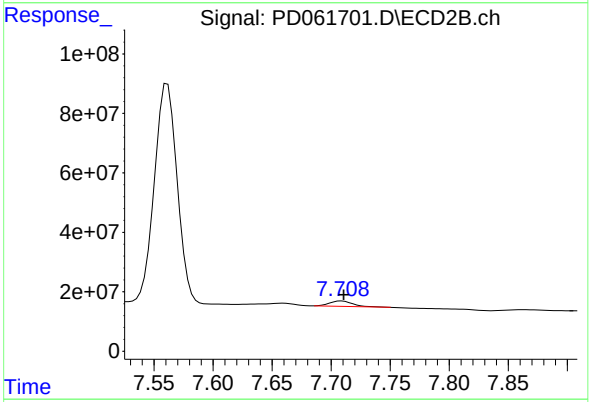
R.T.: 7.561 min
Delta R.T.: -0.001 min
Response: 1003988887
Conc: 216.60 ng/ml



#21 Endrin ketone

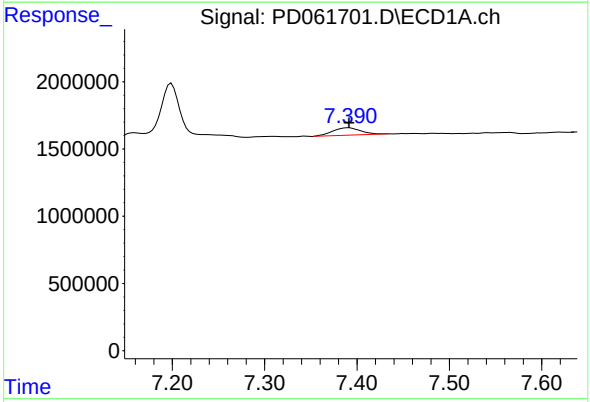
R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 8910879
Conc: 6.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



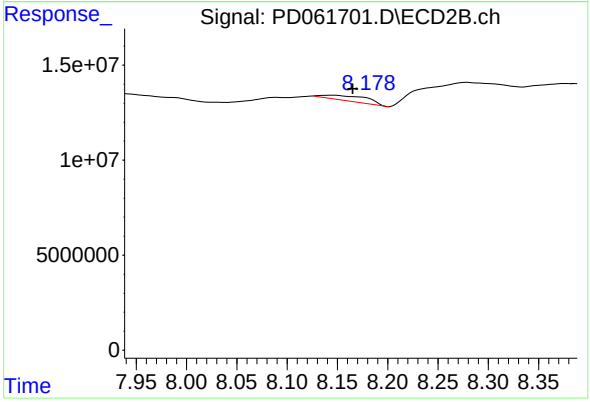
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: -0.002 min
Response: 24411930
Conc: 2.54 ng/ml



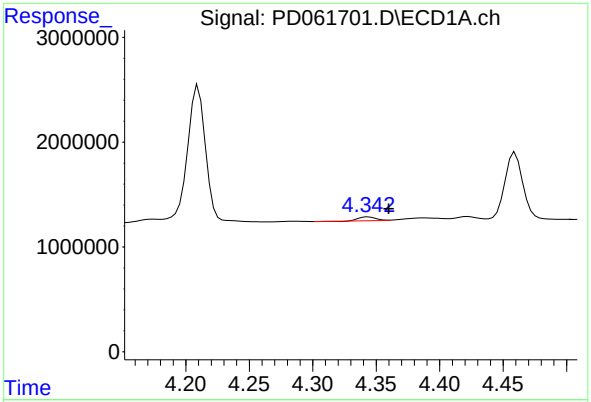
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1203935
Conc: 1.26 ng/ml



#22 Mirex

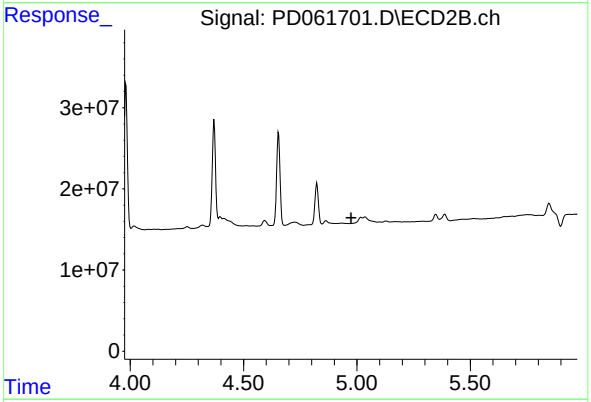
R.T.: 8.147 min
Delta R.T.: -0.018 min
Response: 8482906
Conc: 1.45 ng/ml



#23 Chlordane-1

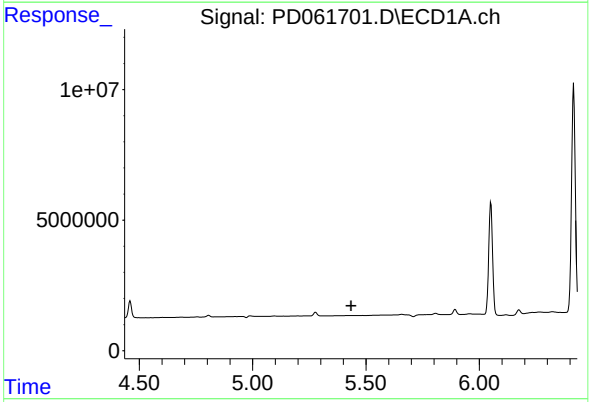
R.T.: 4.344 min
Delta R.T.: -0.016 min
Response: 326521
Conc: 9.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



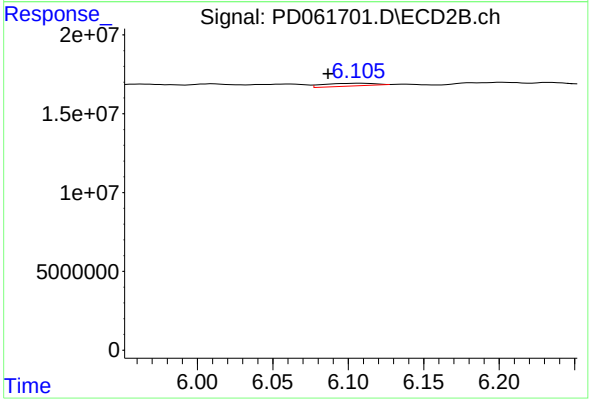
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.974 min
Response: 0
Conc: N.D.



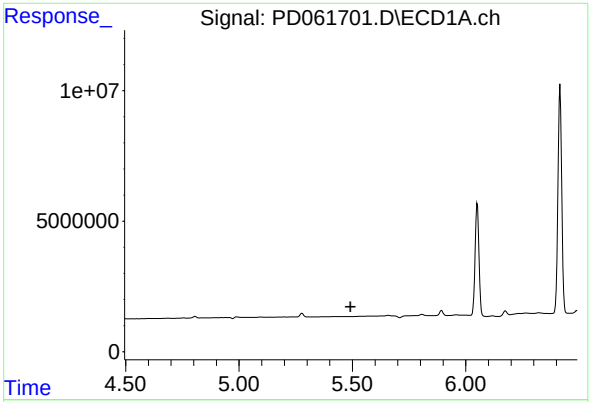
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.434 min
Response: 0
Conc: N.D.



#25 Chlordane-3

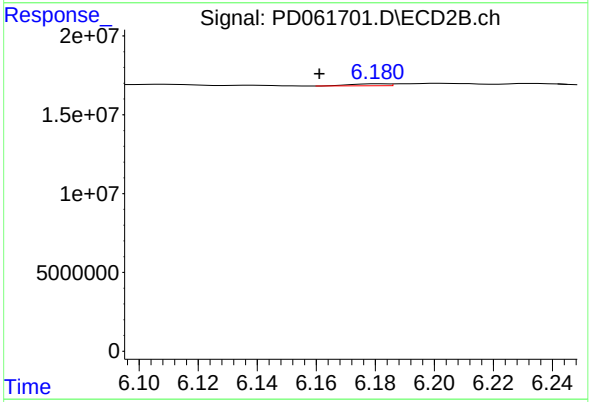
R.T.: 6.108 min
Delta R.T.: 0.021 min
Response: 4906061
Conc: 3.07 ng/ml



#26 Chlordane-4

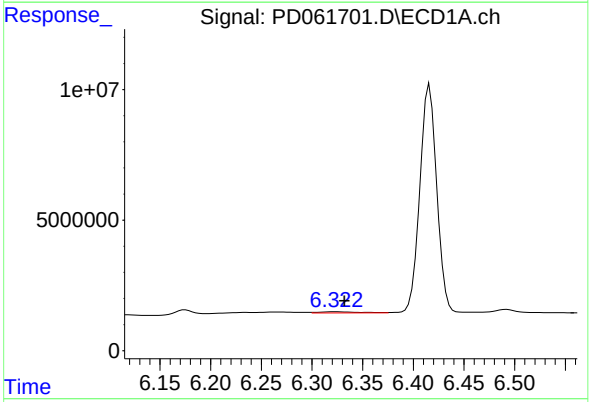
R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



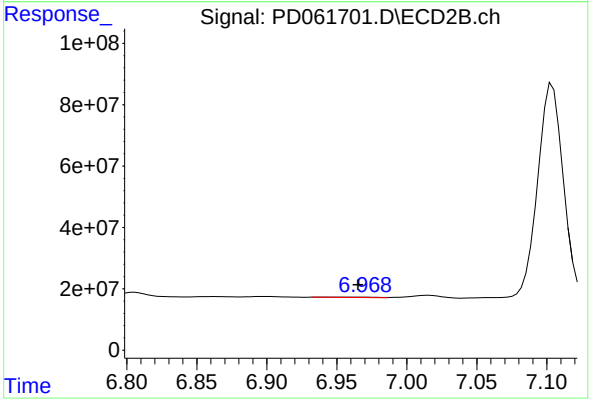
#26 Chlordane-4

R.T.: 6.182 min
Delta R.T.: 0.021 min
Response: 1099463
Conc: 0.59 ng/ml



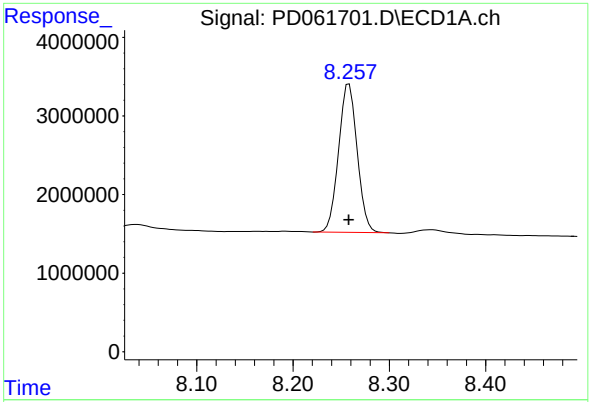
#27 Chlordane-5

R.T.: 6.323 min
Delta R.T.: -0.009 min
Response: 1239183
Conc: 28.02 ng/ml



#27 Chlordane-5

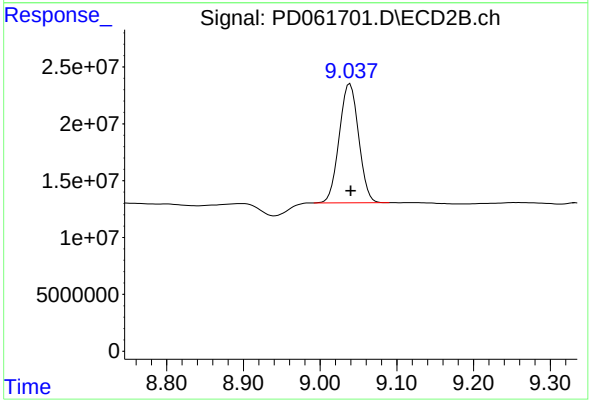
R.T.: 6.955 min
Delta R.T.: -0.010 min
Response: 2808631
Conc: 8.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 25243680
Conc: 20.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: -0.001 min
Response: 185015155
Conc: 21.28 ng/ml