Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050820\
Data File : PL058590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2020 11:51
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 00:22:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.455	3.954	228.9E6	45670638	21.507	21.130	
28)	SA Decachlor...	8.200	8.974	218.7E6	42925255	20.224	19.346	
	Target Compounds							
2)	A alpha-BHC	3.891	4.341	188.1E6	31574322	10.273	9.534	
3)	MA gamma-BHC...	4.174	4.623	168.0E6	31509545	9.733	9.524	
4)	MA Heptachlor	4.487	5.133	1989277	230039	0.113	0.067	#
5)	MB Aldrin	4.718	0.000	1677255	0	0.101	N.D.	#
6)	B beta-BHC	4.427	4.797	81987151	14740646	11.472	10.117	
7)	B delta-BHC	4.646f	0.000	437251	0	0.026	N.D.	#
8)	B Heptachlo...	5.158	5.810	11067489	1196425	0.729	0.374	#
9)	A Endosulfan I	5.496	0.000	2745608	0	0.194	N.D.	#
10)	B gamma-Chl...	5.373f	0.000	7183992	0	0.467	N.D.	#
11)	B alpha-Chl...	5.431f	6.131f	7475404	1232073	0.493	0.362	#
12)	B 4,4'-DDE	5.617	6.274	11533461	729209	0.763	0.239	#
13)	MA Dieldrin	0.000	6.443f	0	268165	N.D.	0.086	#
14)	MA Endrin	6.003	6.637	656.9E6	120.7E6	48.324	46.957	
15)	B Endosulfa...	6.273	6.863f	2702383	1668560	0.214	0.626	#
16)	A 4,4'-DDD	6.129	6.763	35682893	6640017	3.043	2.921	
17)	MA 4,4'-DDT	6.369	7.060	1172.9E6	205.1E6	100.514	93.655	
18)	B Endrin al...	6.444	6.971	10712768	1762706	1.010	0.808	
19)	B Endosulfa...	6.681f	0.000	302828	0	0.026	N.D.	#
20)	A Methoxychlor	6.914	7.520	1398.4E6	263.9E6	235.357	212.893	
21)	B Endrin ke...	7.147	7.661	27460869	5076753	2.318	2.083	
23)	Chlordane-1	4.304f	0.000	924132	0	2.150	N.D.	#
24)	Chlordane-2	4.824	0.000	4834236	0	11.641	N.D.	#
25)	Chlordane-3	5.373f	0.000	7183992	0	5.470	N.D.	#
26)	Chlordane-4	5.431f	6.131	7475404	1232073	6.811	2.535	#
27)	Chlordane-5	6.273	0.000	2702383	0	6.644	N.D.	#

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

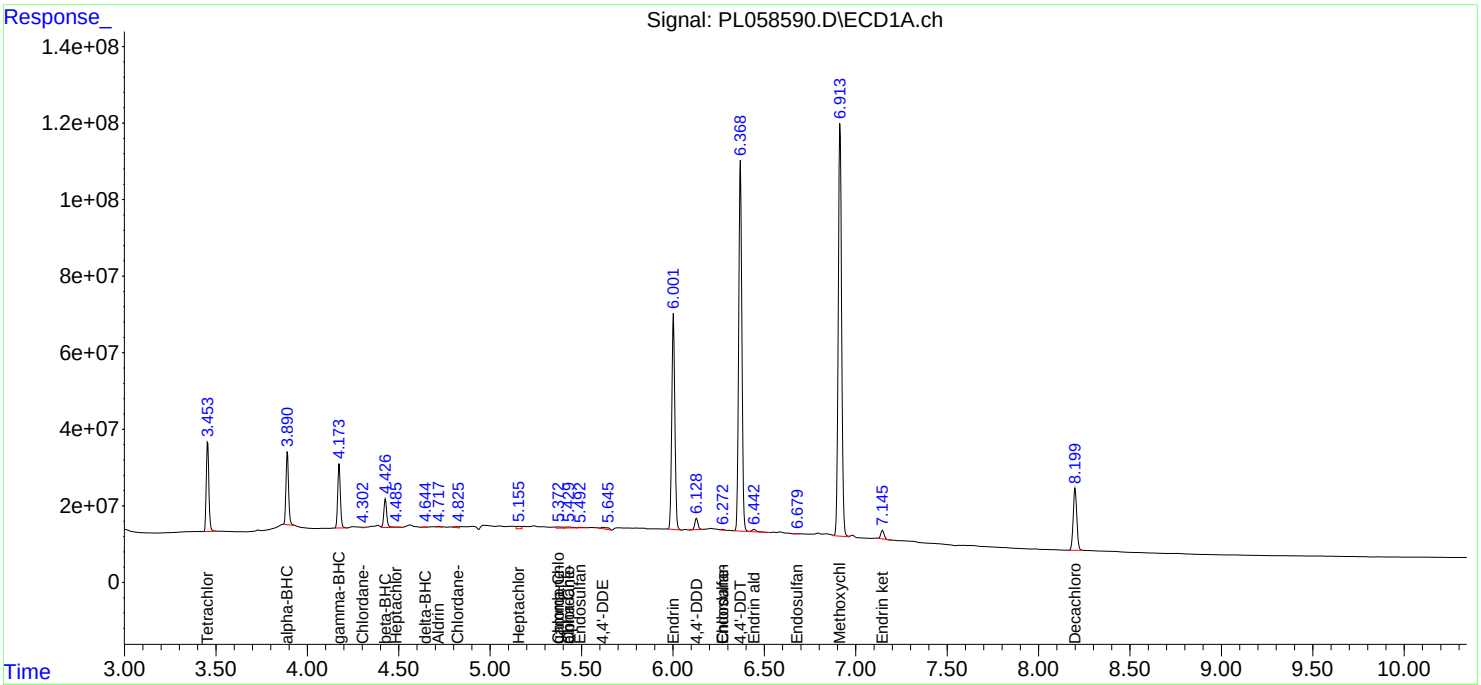
Quantitation Report (Not Reviewed)

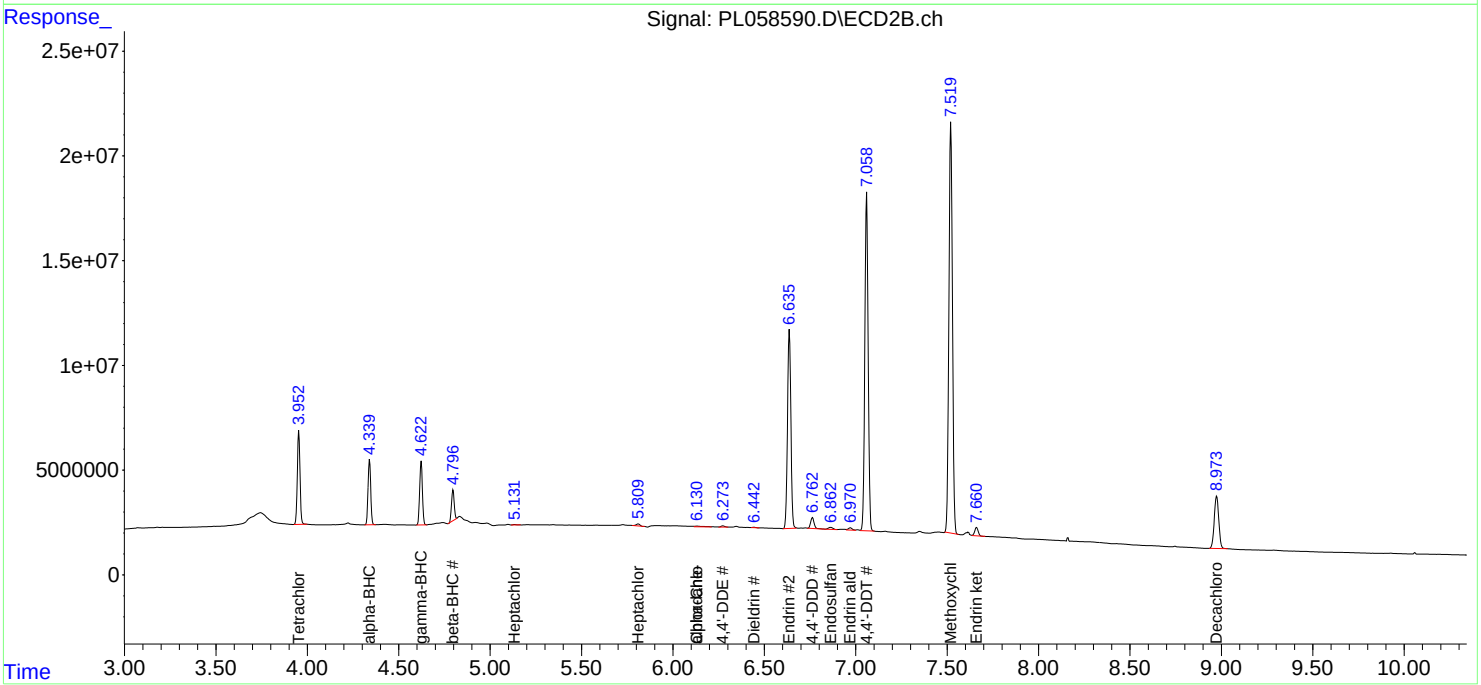
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050820\
Data File : PL058590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2020 11:51
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

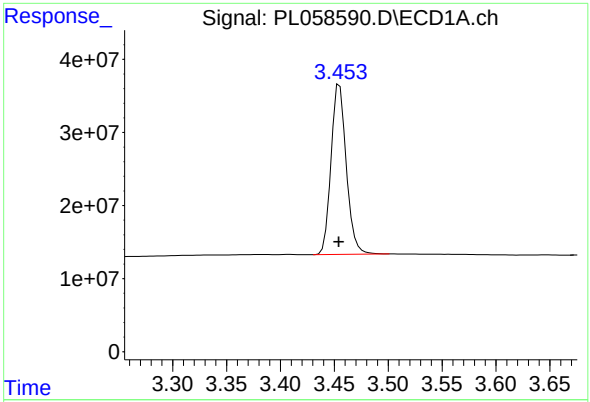
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 00:22:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm



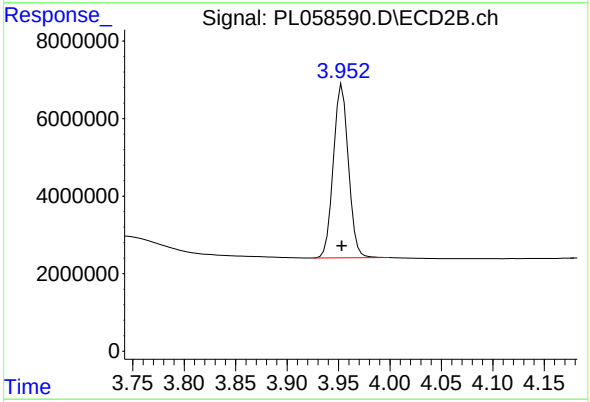




#1 Tetrachloro-m-xylene

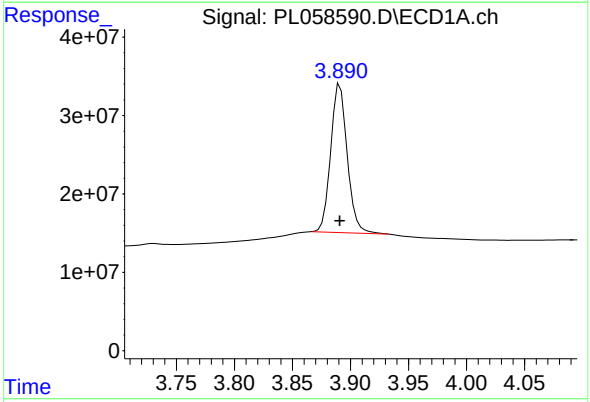
R.T.: 3.455 min
Delta R.T.: 0.000 min
Response: 228876667
Conc: 21.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



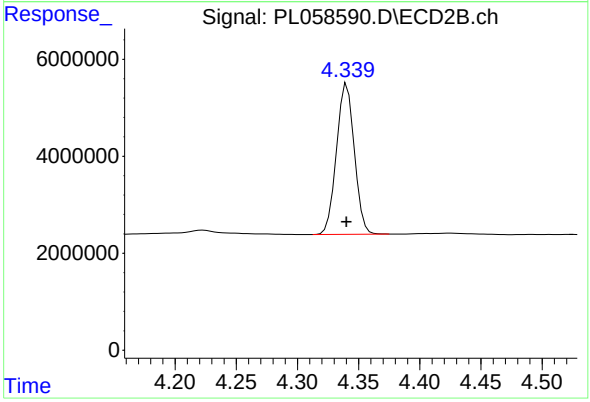
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 45670638
Conc: 21.13 ng/ml



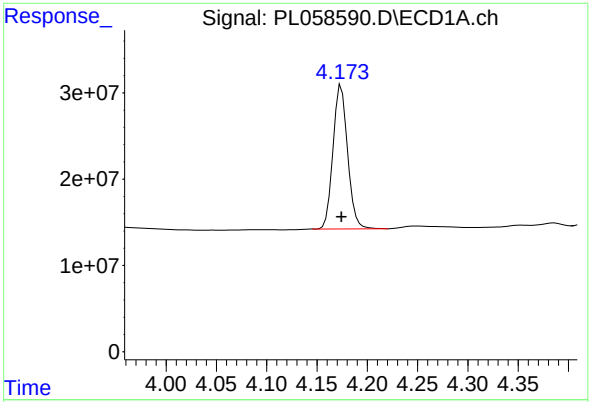
#2 alpha-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 188148202
Conc: 10.27 ng/ml



#2 alpha-BHC

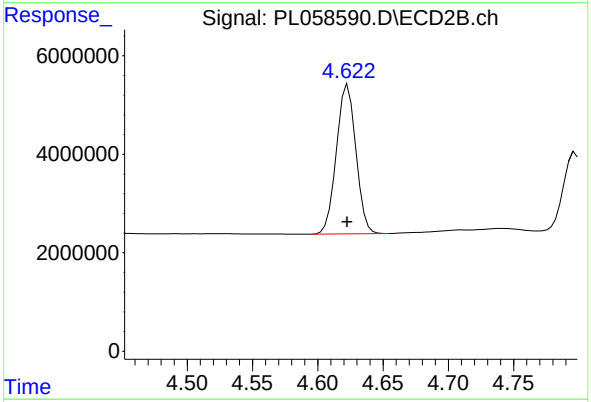
R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 31574322
Conc: 9.53 ng/ml



#3 gamma-BHC (Lindane)

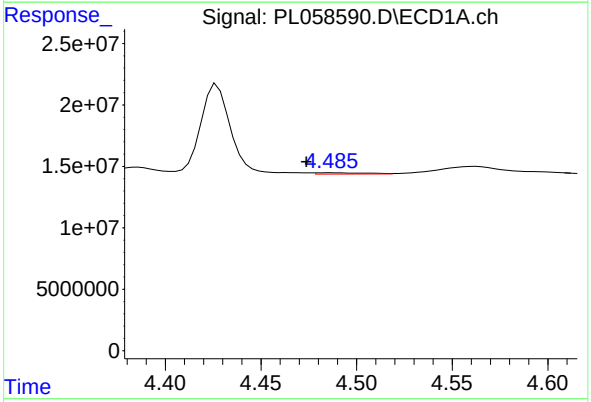
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 168017676
Conc: 9.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



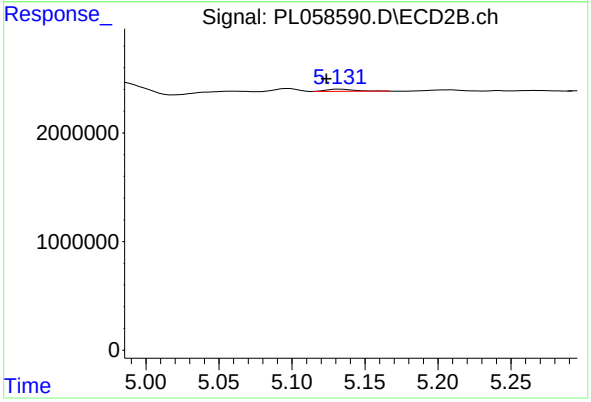
#3 gamma-BHC (Lindane)

R.T.: 4.623 min
Delta R.T.: 0.000 min
Response: 31509545
Conc: 9.52 ng/ml



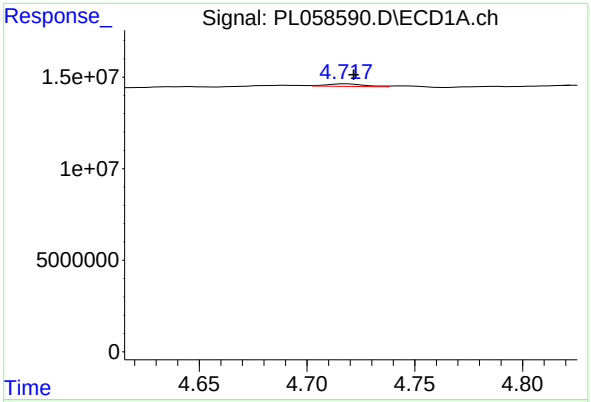
#4 Heptachlor

R.T.: 4.487 min
Delta R.T.: 0.014 min
Response: 1989277
Conc: 0.11 ng/ml



#4 Heptachlor

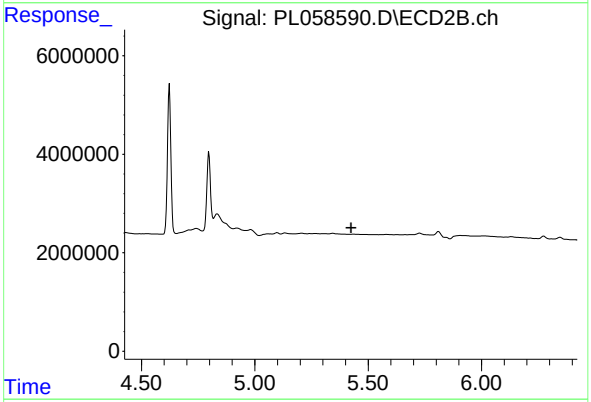
R.T.: 5.133 min
Delta R.T.: 0.009 min
Response: 230039
Conc: 0.07 ng/ml



#5 Aldrin

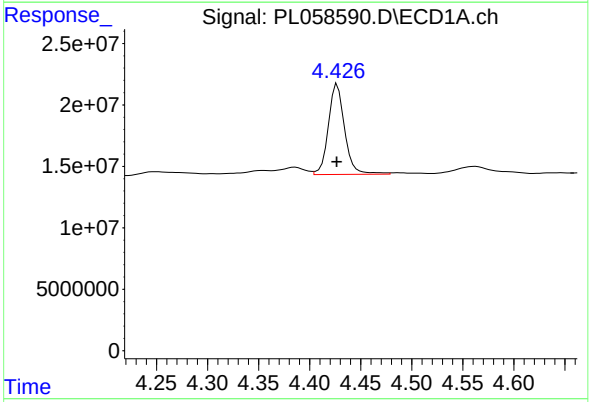
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 1677255
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



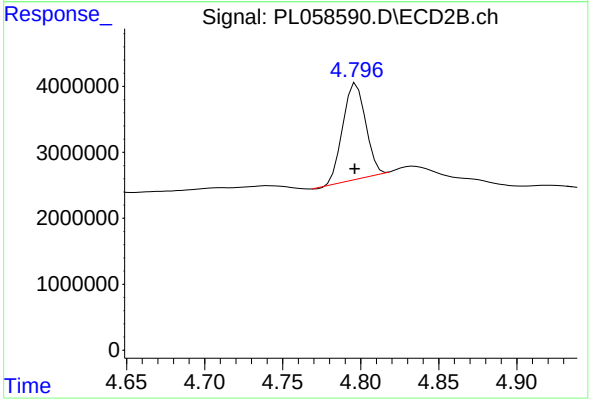
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.425 min
Response: 0
Conc: N.D.



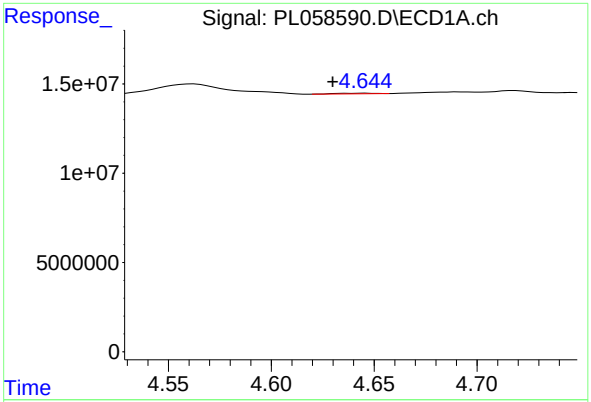
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 81987151
Conc: 11.47 ng/ml



#6 beta-BHC

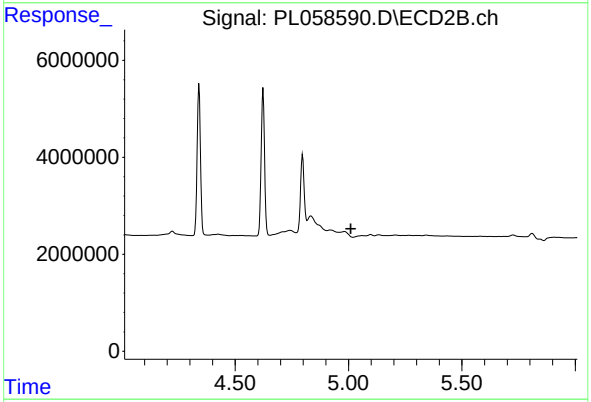
R.T.: 4.797 min
Delta R.T.: 0.001 min
Response: 14740646
Conc: 10.12 ng/ml



#7 delta-BHC

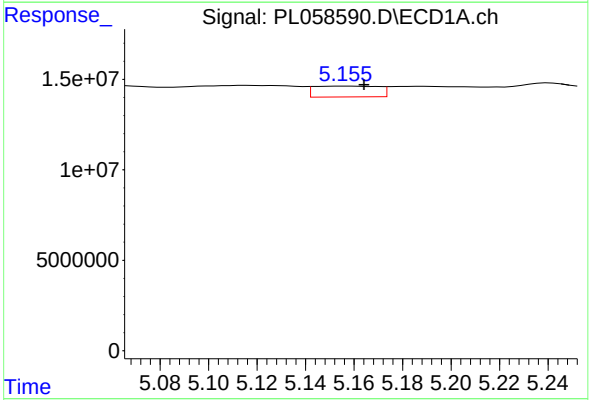
R.T.: 4.646 min
Delta R.T.: 0.016 min
Response: 437251
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



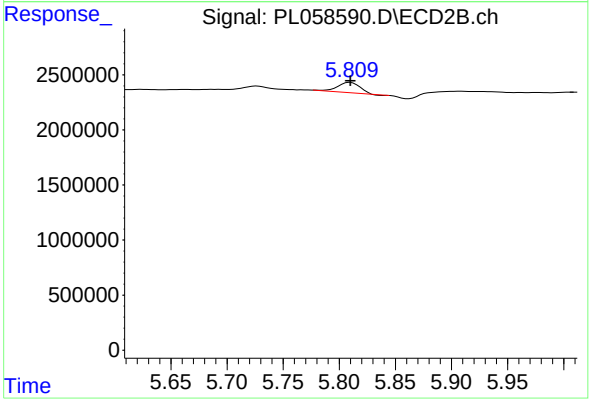
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.010 min
Response: 0
Conc: N.D.



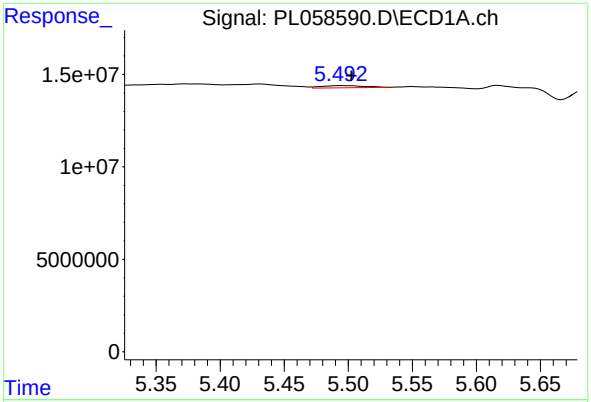
#8 Heptachlor epoxide

R.T.: 5.158 min
Delta R.T.: -0.007 min
Response: 11067489
Conc: 0.73 ng/ml



#8 Heptachlor epoxide

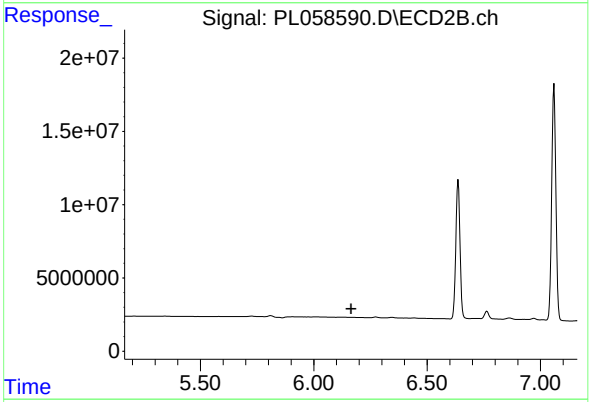
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 1196425
Conc: 0.37 ng/ml



#9 Endosulfan I

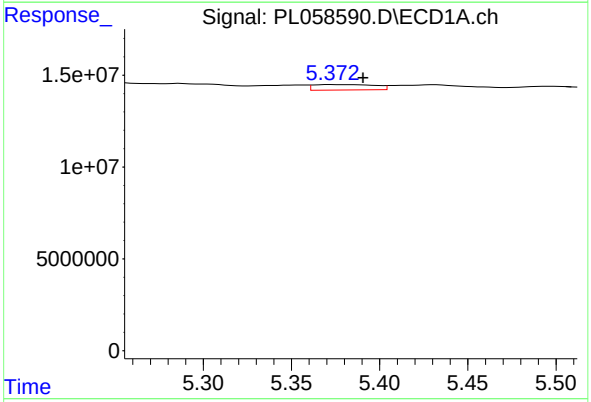
R.T.: 5.496 min
Delta R.T.: -0.006 min
Response: 2745608
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



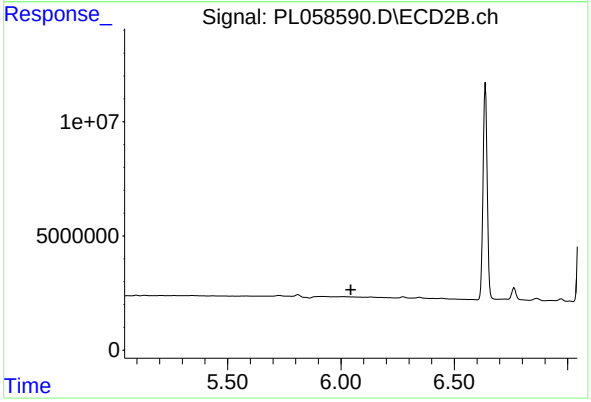
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



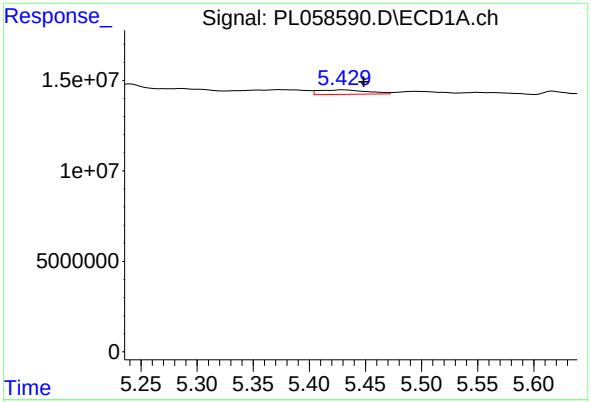
#10 gamma-Chlordane

R.T.: 5.373 min
Delta R.T.: -0.018 min
Response: 7183992
Conc: 0.47 ng/ml



#10 gamma-Chlordane

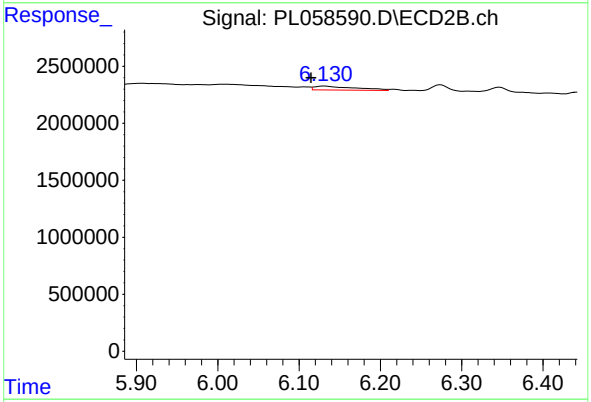
R.T.: 0.000 min
Exp R.T. : 6.043 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

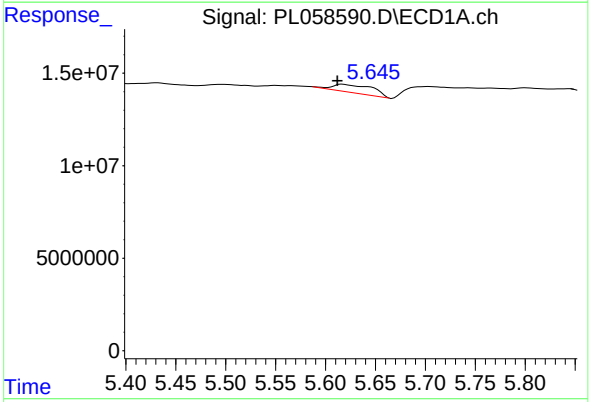
R.T.: 5.431 min
Delta R.T.: -0.018 min
Response: 7475404
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



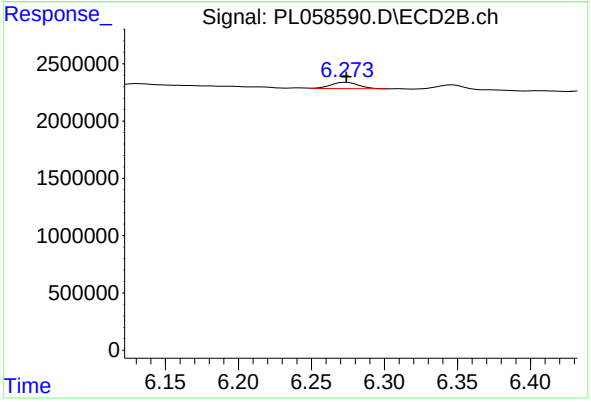
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: 0.016 min
Response: 1232073
Conc: 0.36 ng/ml



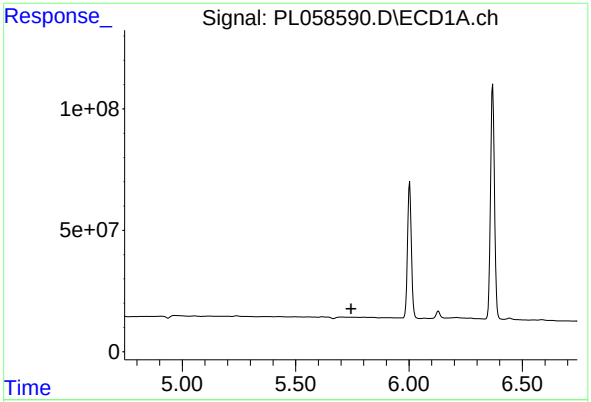
#12 4,4'-DDE

R.T.: 5.617 min
Delta R.T.: 0.005 min
Response: 11533461
Conc: 0.76 ng/ml



#12 4,4'-DDE

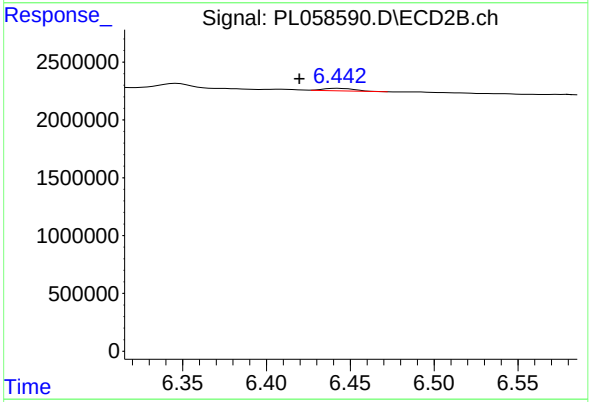
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 729209
Conc: 0.24 ng/ml



#13 Dieldrin

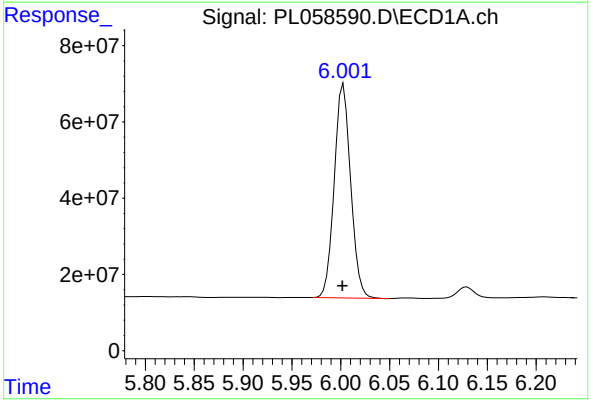
R.T.: 0.000 min
Exp R.T. : 5.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



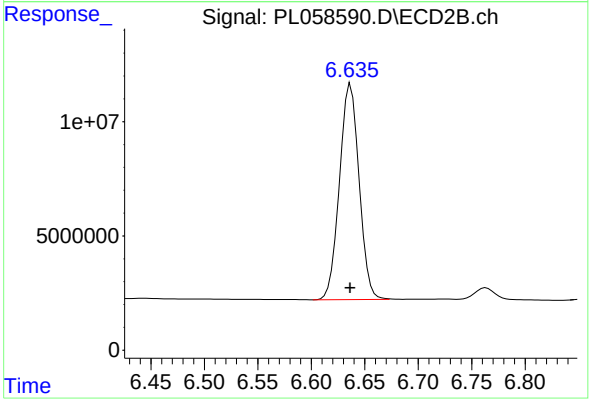
#13 Dieldrin

R.T.: 6.443 min
Delta R.T.: 0.023 min
Response: 268165
Conc: 0.09 ng/ml



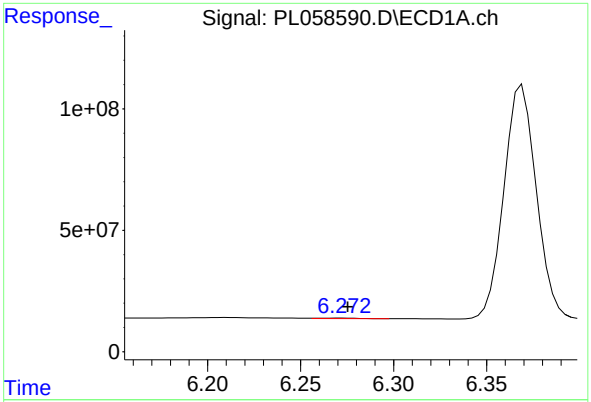
#14 Endrin

R.T.: 6.003 min
Delta R.T.: 0.001 min
Response: 656909790
Conc: 48.32 ng/ml



#14 Endrin

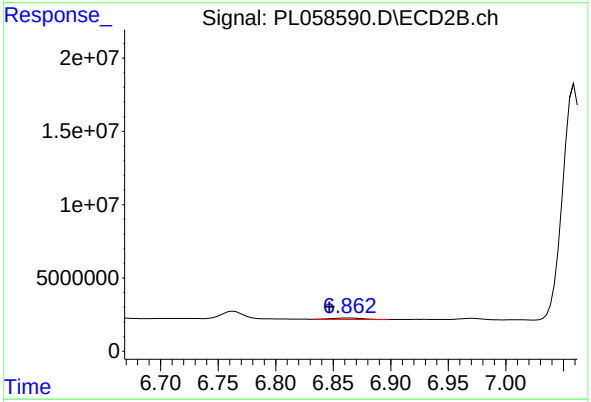
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 120727462
Conc: 46.96 ng/ml



#15 Endosulfan II

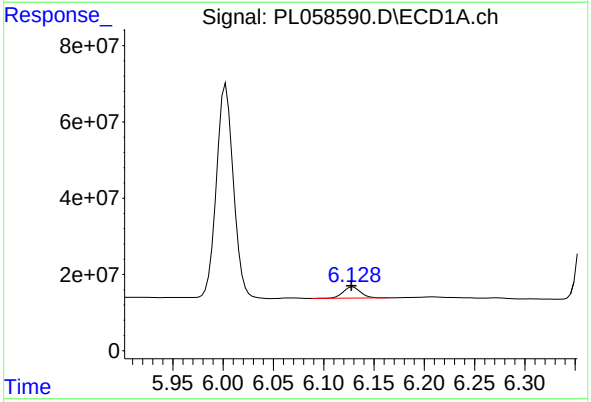
R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 2702383
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



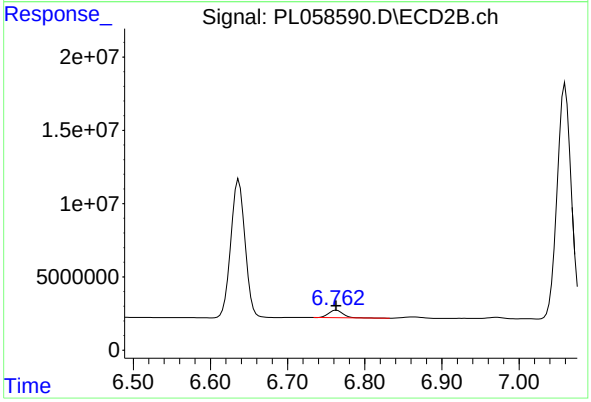
#15 Endosulfan II

R.T.: 6.863 min
Delta R.T.: 0.017 min
Response: 1668560
Conc: 0.63 ng/ml



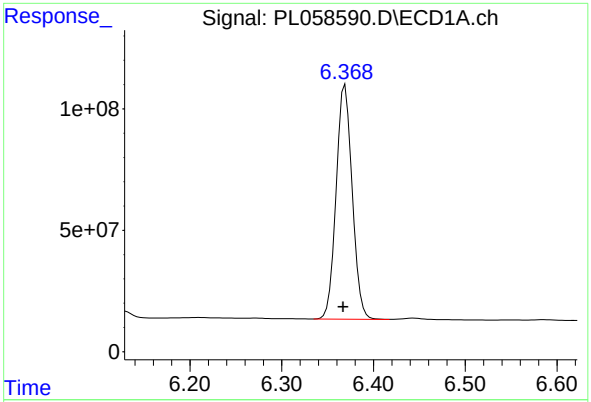
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: 0.002 min
Response: 35682893
Conc: 3.04 ng/ml



#16 4,4'-DDD

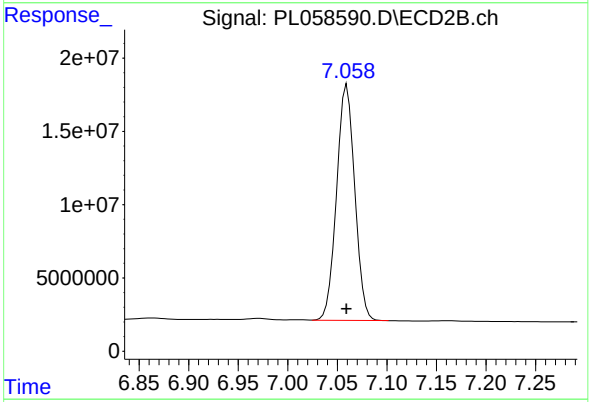
R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 6640017
Conc: 2.92 ng/ml



#17 4,4'-DDT

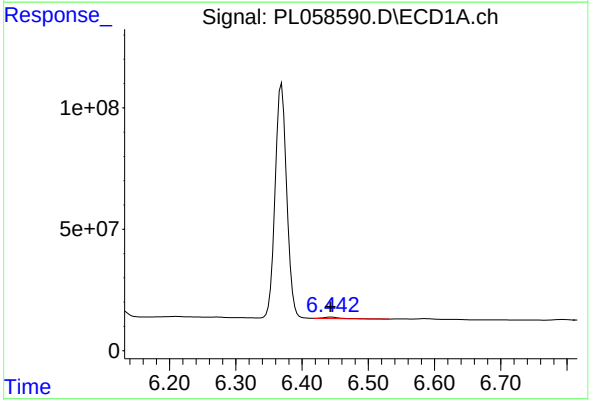
R.T.: 6.369 min
Delta R.T.: 0.002 min
Response: 1172879200
Conc: 100.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



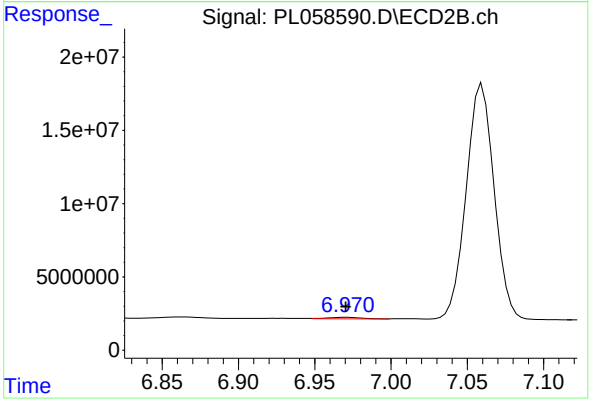
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 205070256
Conc: 93.65 ng/ml



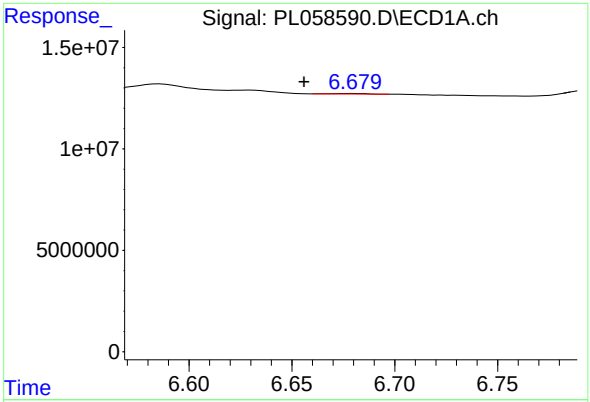
#18 Endrin aldehyde

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 10712768
Conc: 1.01 ng/ml



#18 Endrin aldehyde

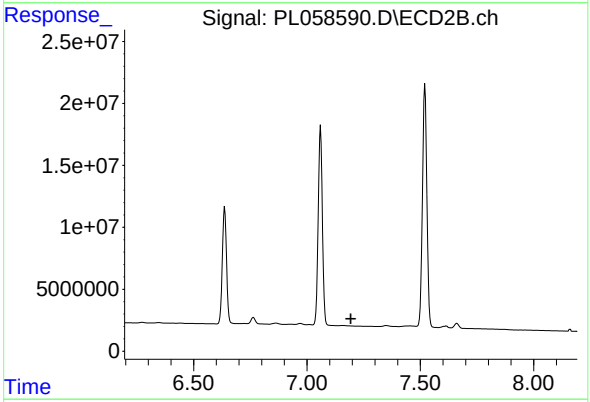
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 1762706
Conc: 0.81 ng/ml



#19 Endosulfan Sulfate

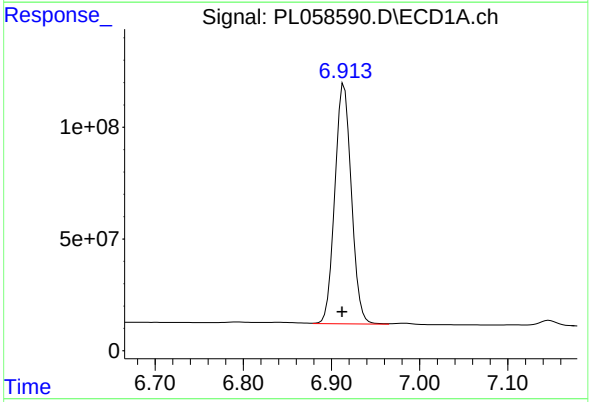
R.T.: 6.681 min
Delta R.T.: 0.025 min
Response: 302828
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



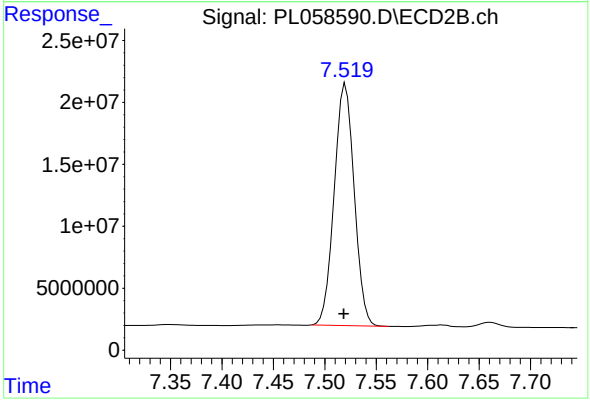
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.193 min
Response: 0
Conc: N.D.



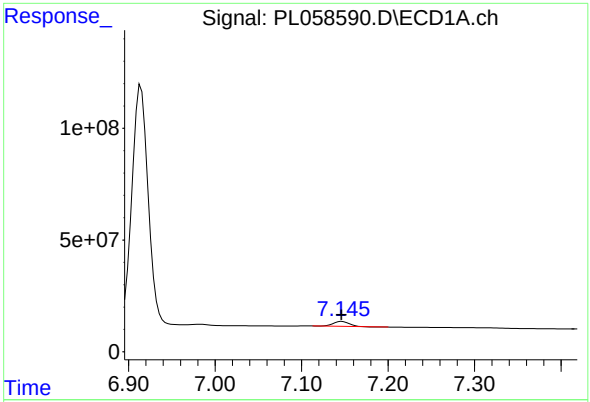
#20 Methoxychlor

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 1398428910
Conc: 235.36 ng/ml



#20 Methoxychlor

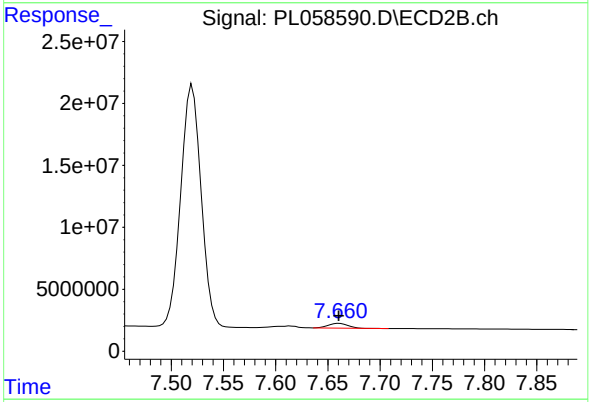
R.T.: 7.520 min
Delta R.T.: 0.002 min
Response: 263867231
Conc: 212.89 ng/ml



#21 Endrin ketone

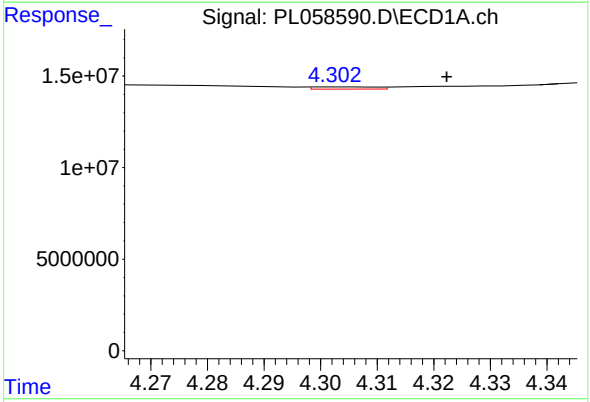
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 27460869
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



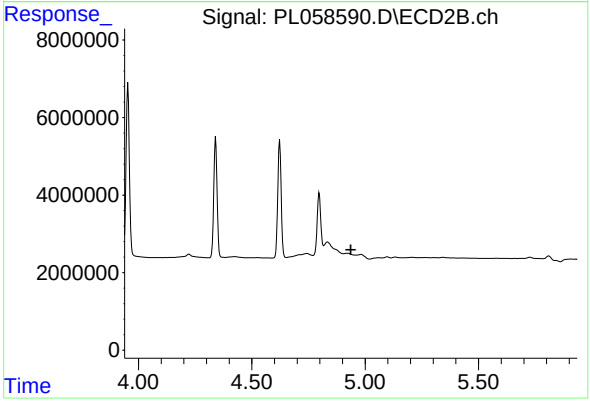
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 5076753
Conc: 2.08 ng/ml



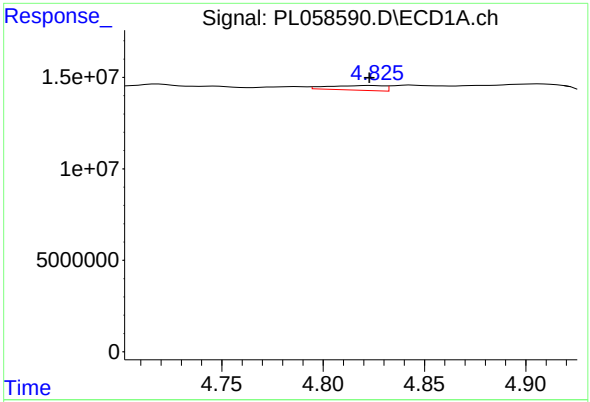
#23 Chlordane-1

R.T.: 4.304 min
Delta R.T.: -0.018 min
Response: 924132
Conc: 2.15 ng/ml



#23 Chlordane-1

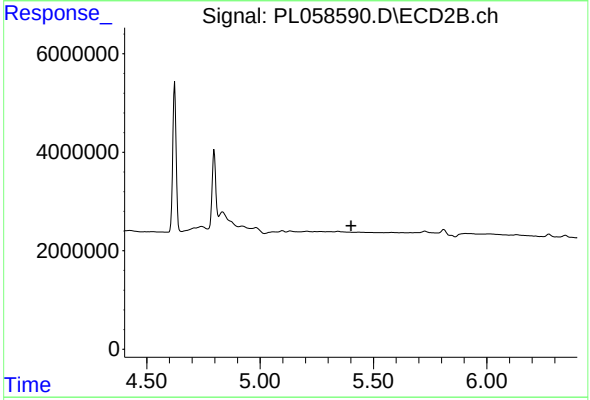
R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



#24 Chlordane-2

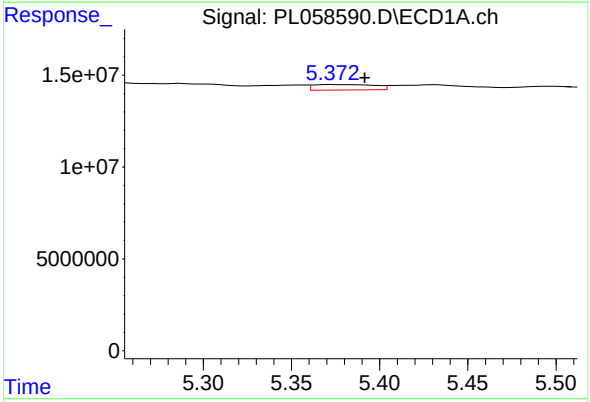
R.T.: 4.824 min
Delta R.T.: 0.001 min
Response: 4834236
Conc: 11.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



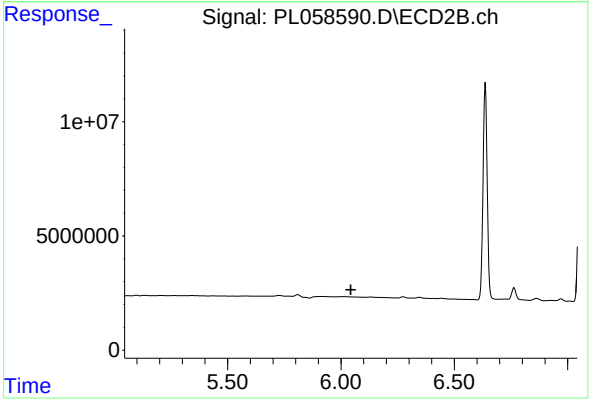
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.402 min
Response: 0
Conc: N.D.



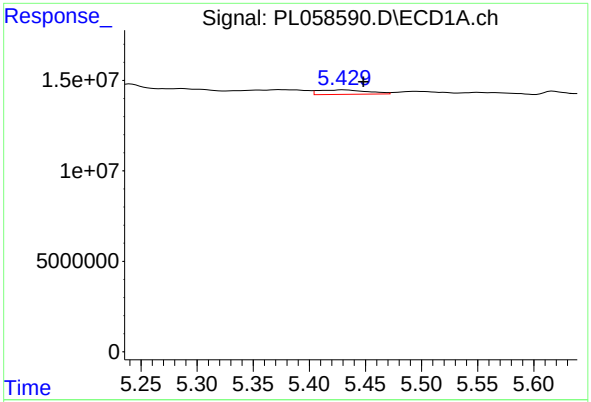
#25 Chlordane-3

R.T.: 5.373 min
Delta R.T.: -0.018 min
Response: 7183992
Conc: 5.47 ng/ml



#25 Chlordane-3

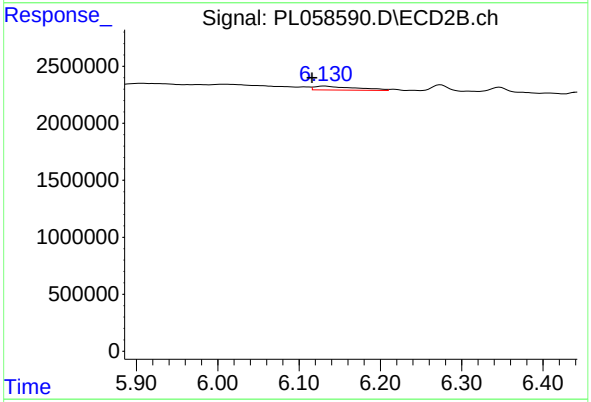
R.T.: 0.000 min
Exp R.T. : 6.043 min
Response: 0
Conc: N.D.



#26 Chlordane-4

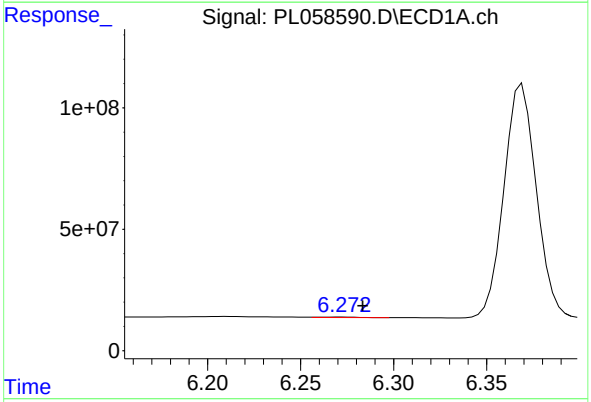
R.T.: 5.431 min
Delta R.T.: -0.017 min
Response: 7475404
Conc: 6.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



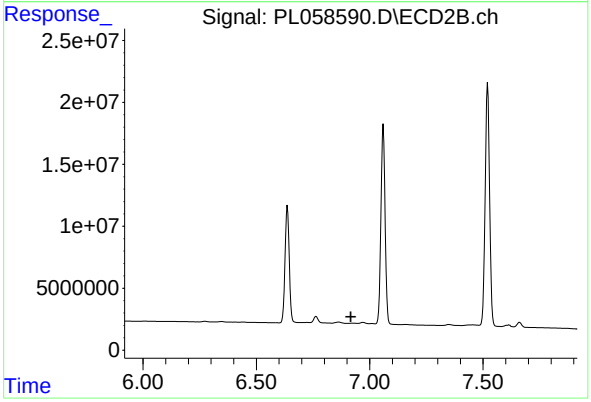
#26 Chlordane-4

R.T.: 6.131 min
Delta R.T.: 0.015 min
Response: 1232073
Conc: 2.53 ng/ml



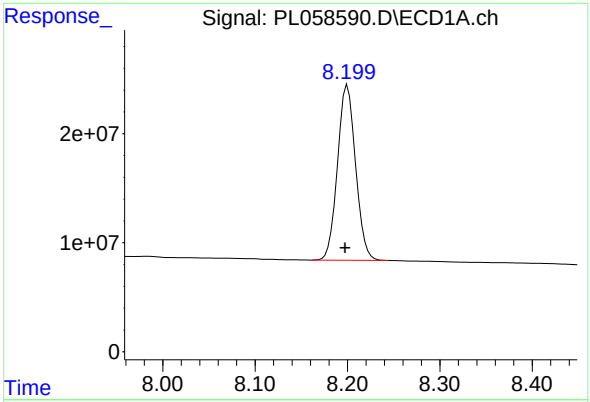
#27 Chlordane-5

R.T.: 6.273 min
Delta R.T.: -0.011 min
Response: 2702383
Conc: 6.64 ng/ml



#27 Chlordane-5

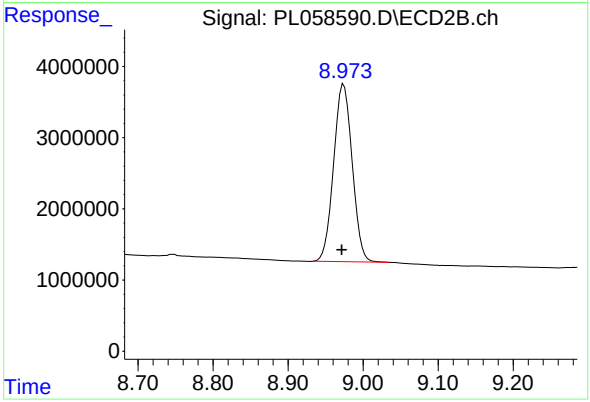
R.T.: 0.000 min
Exp R.T. : 6.916 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.200 min
Delta R.T.: 0.003 min
Response: 218716084
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.003 min
Response: 42925255
Conc: 19.35 ng/ml