Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061020\
Data File : PL059223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2020 11:49
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: Jun 10 14:32:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060320.M
Quant Title : GC Extractables
QLast Update : Thu Jun 04 08:16:22 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...	3.520	4.072	36750406	51231008	21.282	19.690	
28)	SA Decachlor...	8.294	9.181	33520071	47472298	20.385	20.026	
	Target Compounds							
2)	A alpha-BHC	3.961	4.464	24553095	32985000	9.808	8.582	
3)	MA gamma-BHC...	4.246	4.751	20541397	30825479	9.366	8.447	
4)	MA Heptachlor	0.000	5.261	0	1085441	N.D.	0.315	#
5)	MB Aldrin	4.792	5.562	188275	111427	0.106	0.035	#
6)	B beta-BHC	4.495	4.919	10164883	14757408	10.698	9.759	
8)	B Heptachlo...	5.272f	5.946f	336281	1755075	0.197	0.634	#
9)	A Endosulfan I	0.000	6.324	0	81293	N.D.	0.029	#
10)	B gamma-Chl...	0.000	6.213f	0	192007	N.D.	0.064	#
11)	B alpha-Chl...	0.000	6.286f	0	488784	N.D.	0.161	#
12)	B 4,4'-DDE	0.000	6.423	0	658659	N.D.	0.237	#
13)	MA Dieldrin	0.000	6.588	0	761558	N.D.	0.261	#
14)	MA Endrin	6.088	6.796	66977790	102.4E6	44.205	41.098	
15)	B Endosulfa...	6.356	7.008	1548162	2388420	1.002	0.917	
16)	A 4,4'-DDD	6.212	6.914	5792152	8715467	4.381	3.755	
17)	MA 4,4'-DDT	6.455	7.215	124.6E6	192.6E6	98.801	84.574	
18)	B Endrin al...	6.528	7.129	1573290	1727099	1.195	0.755	#
20)	A Methoxychlor	7.001	7.672	171.8E6	260.0E6	223.646	197.136	
21)	B Endrin ke...	7.234	7.825	5921534	7064548	3.410	2.693	
22)	Mirex	7.420	8.307f	327360	151980	0.237	0.077	#
23)	Chlordane-1	4.426f	5.050f	907947	1184568	18.050	11.725	#
24)	Chlordane-2	0.000	5.562	0	111427	N.D.	1.168	#
25)	Chlordane-3	0.000	6.213f	0	192007	N.D.	0.512	#
26)	Chlordane-4	0.000	6.286	0	488784	N.D.	1.074	#
27)	Chlordane-5	6.356f	0.000	1548162	0	31.111	N.D.	#

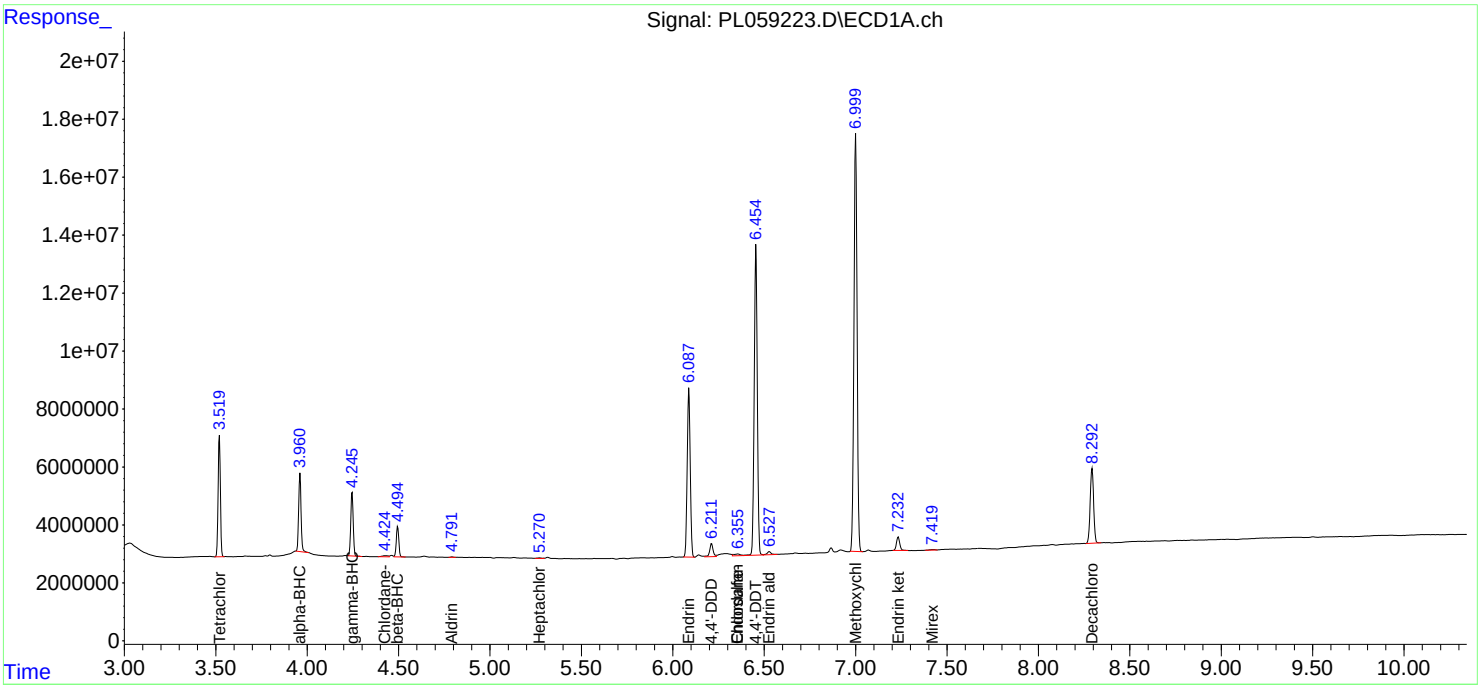
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

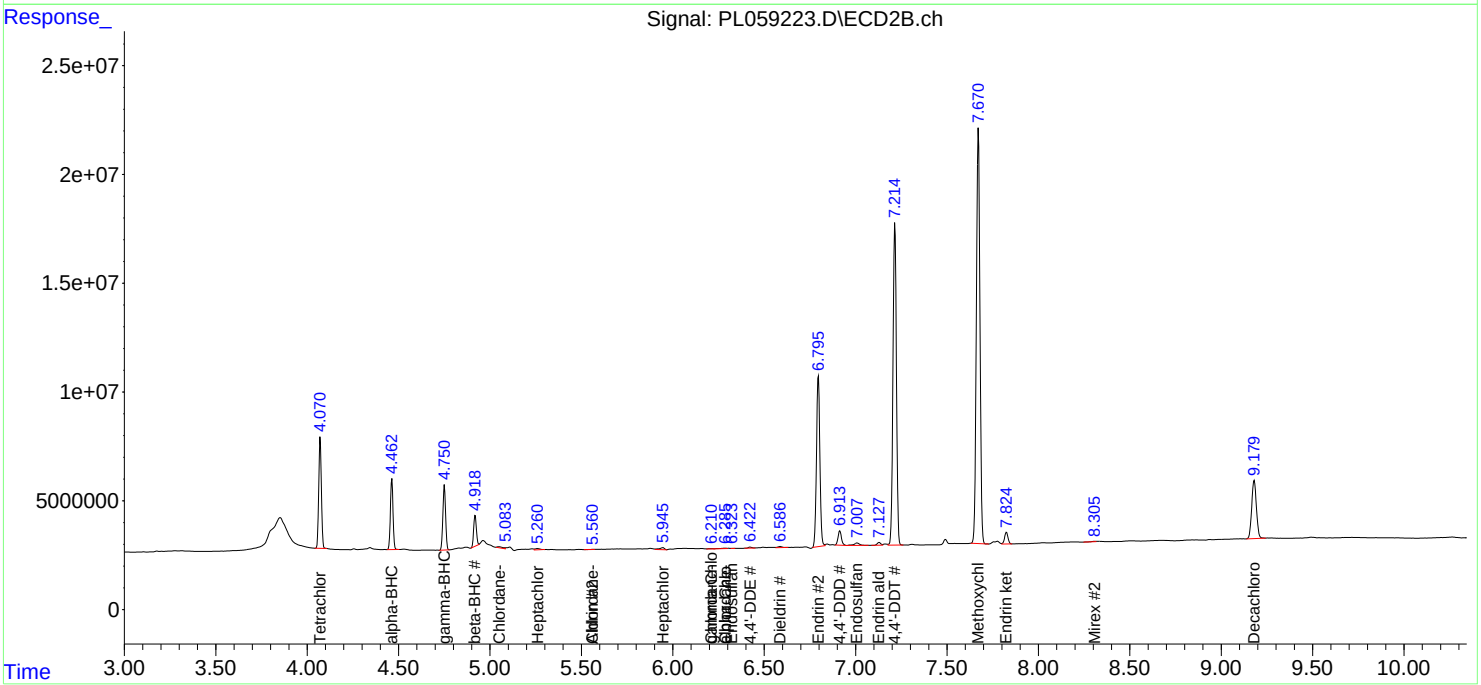
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061020\
Data File : PL059223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2020 11:49
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

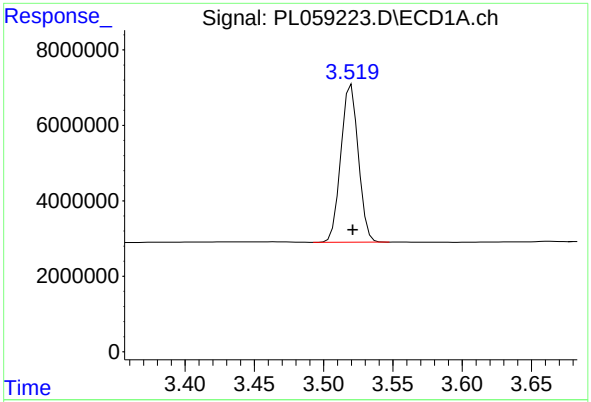
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:32:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060320.M
Quant Title : GC Extractables
QLast Update : Thu Jun 04 08:16:22 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



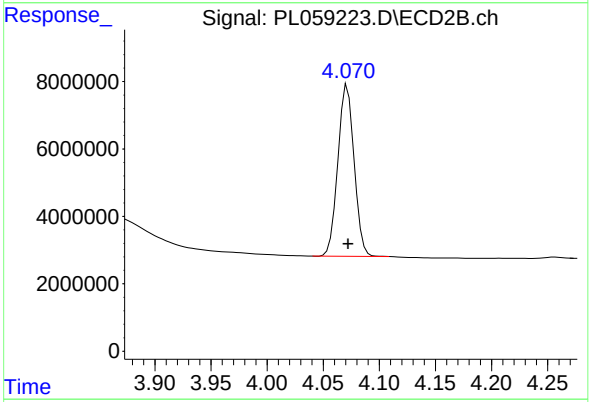




#1 Tetrachloro-m-xylene

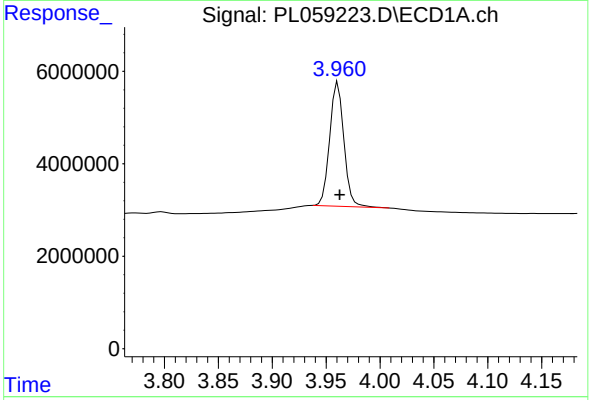
R.T.: 3.520 min
Delta R.T.: -0.001 min
Response: 36750406
Conc: 21.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



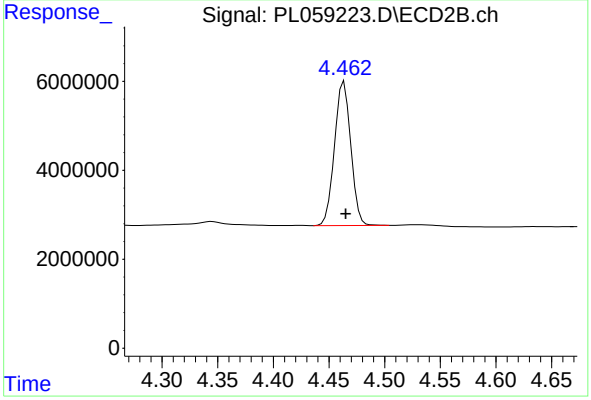
#1 Tetrachloro-m-xylene

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 51231008
Conc: 19.69 ng/ml



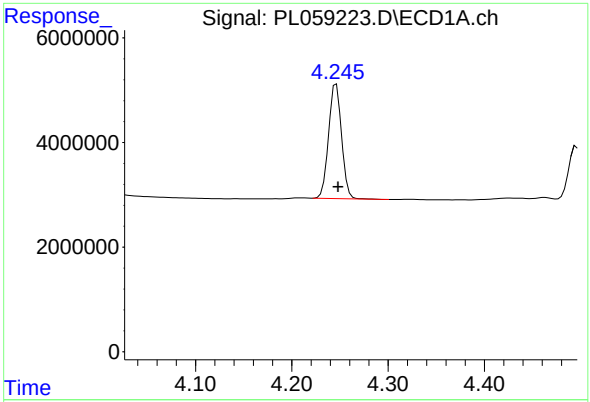
#2 alpha-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 24553095
Conc: 9.81 ng/ml



#2 alpha-BHC

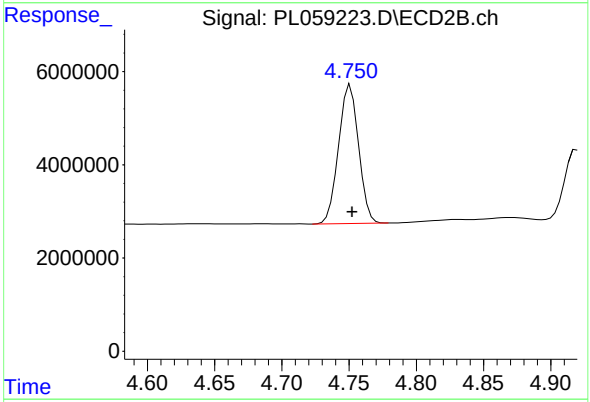
R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 32985000
Conc: 8.58 ng/ml



#3 gamma-BHC (Lindane)

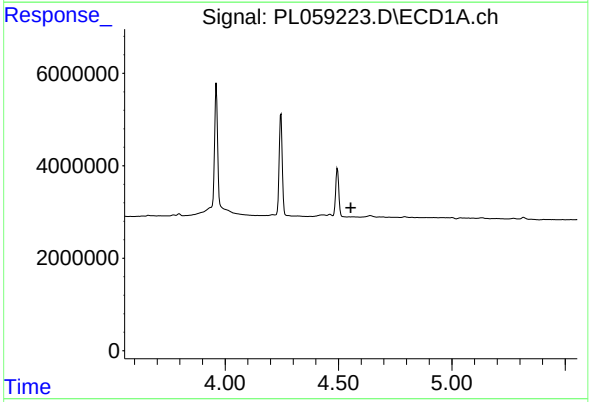
R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 20541397
Conc: 9.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



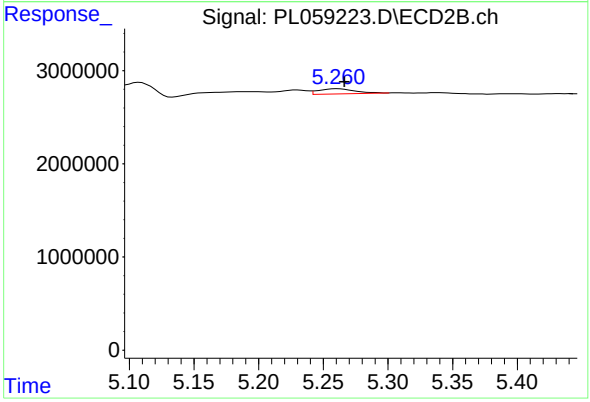
#3 gamma-BHC (Lindane)

R.T.: 4.751 min
Delta R.T.: -0.001 min
Response: 30825479
Conc: 8.45 ng/ml



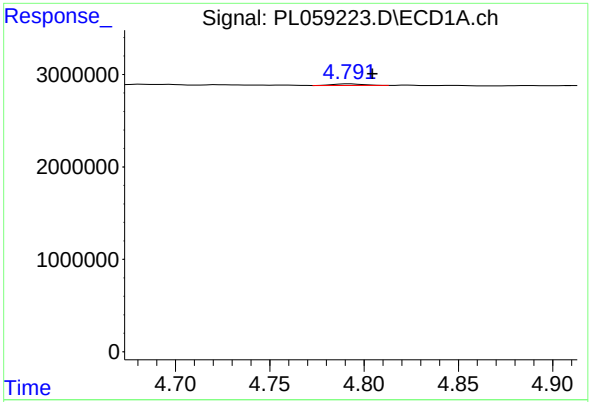
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.554 min
Response: 0
Conc: N.D.



#4 Heptachlor

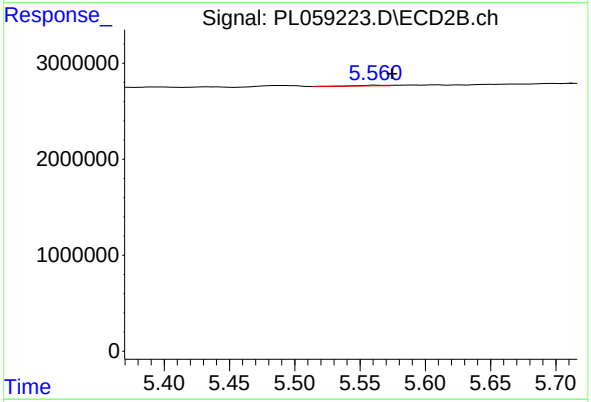
R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 1085441
Conc: 0.31 ng/ml



#5 Aldrin

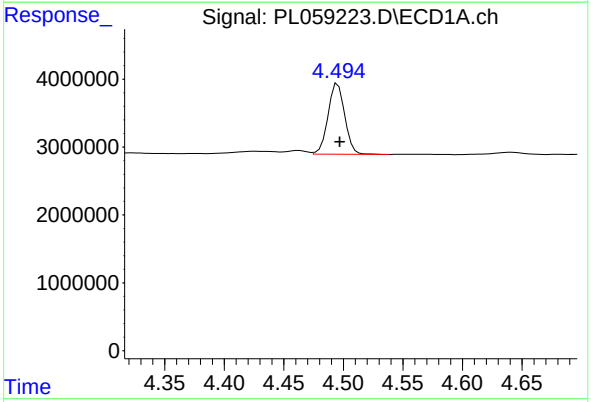
R.T.: 4.792 min
Delta R.T.: -0.012 min
Response: 188275
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



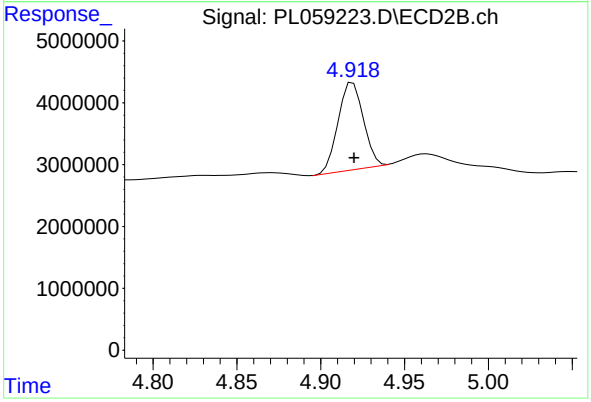
#5 Aldrin

R.T.: 5.562 min
Delta R.T.: -0.013 min
Response: 111427
Conc: 0.04 ng/ml



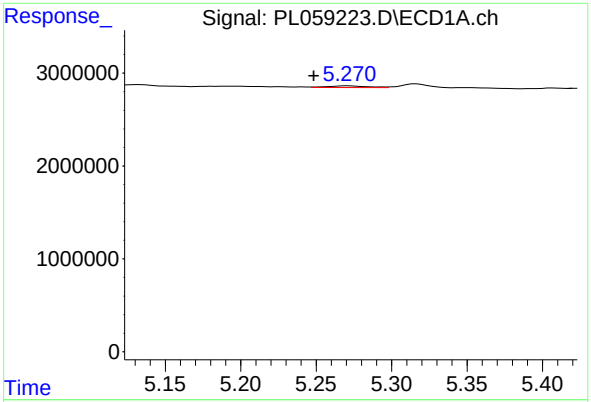
#6 beta-BHC

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 10164883
Conc: 10.70 ng/ml



#6 beta-BHC

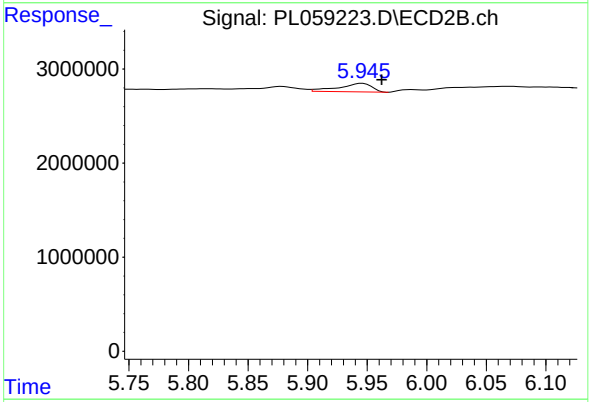
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 14757408
Conc: 9.76 ng/ml



#8 Heptachlor epoxide

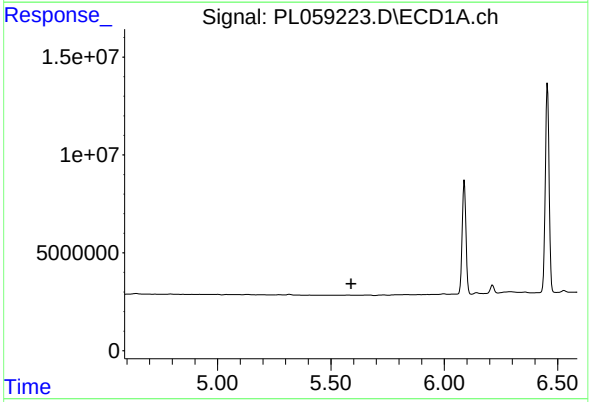
R.T.: 5.272 min
Delta R.T.: 0.023 min
Response: 336281
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



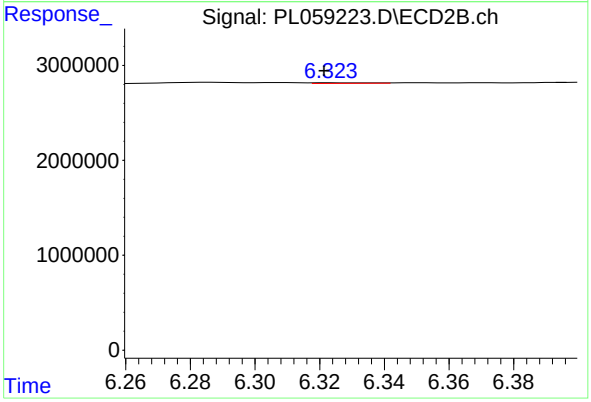
#8 Heptachlor epoxide

R.T.: 5.946 min
Delta R.T.: -0.016 min
Response: 1755075
Conc: 0.63 ng/ml



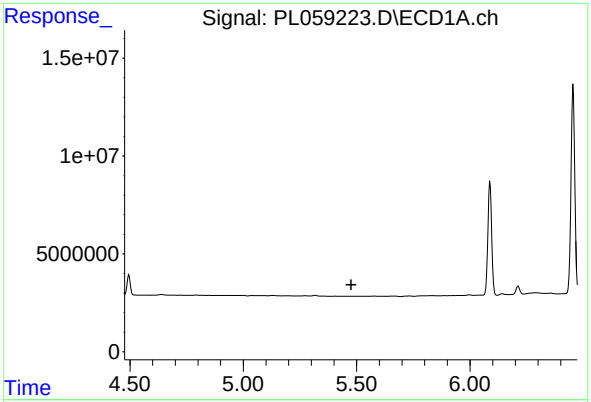
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.589 min
Response: 0
Conc: N.D.



#9 Endosulfan I

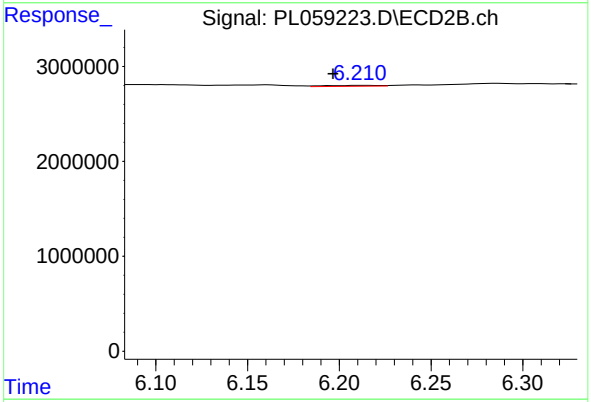
R.T.: 6.324 min
Delta R.T.: 0.002 min
Response: 81293
Conc: 0.03 ng/ml



#10 gamma-Chlordane

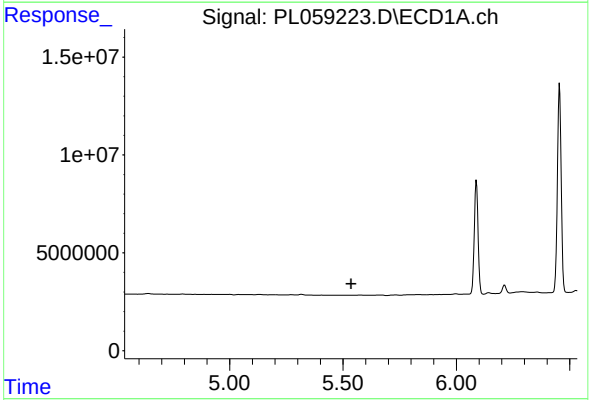
R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



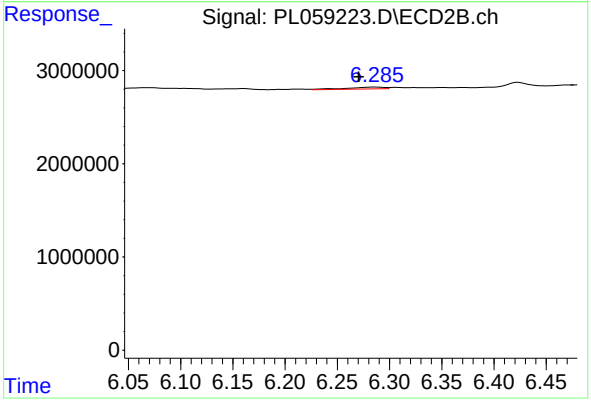
#10 gamma-Chlordane

R.T.: 6.213 min
Delta R.T.: 0.016 min
Response: 192007
Conc: 0.06 ng/ml



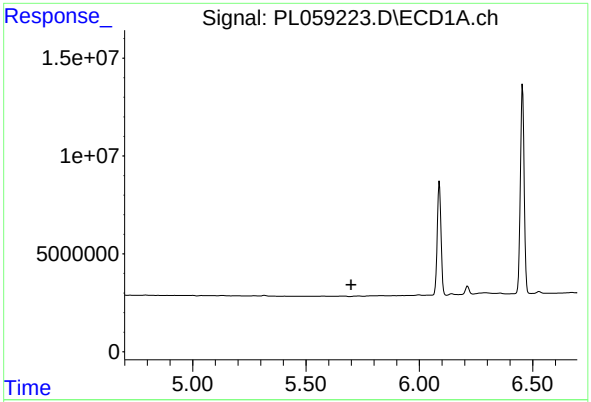
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.535 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

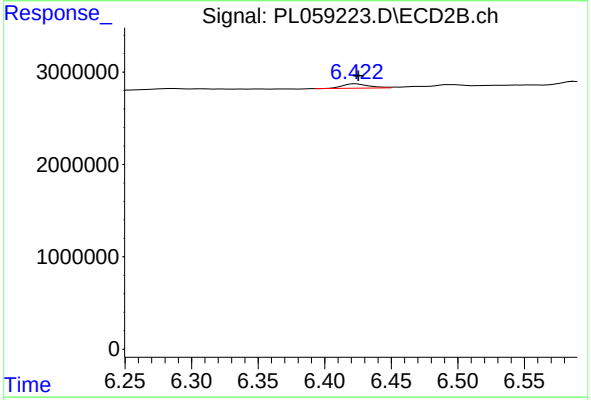
R.T.: 6.286 min
Delta R.T.: 0.016 min
Response: 488784
Conc: 0.16 ng/ml



#12 4,4'-DDE

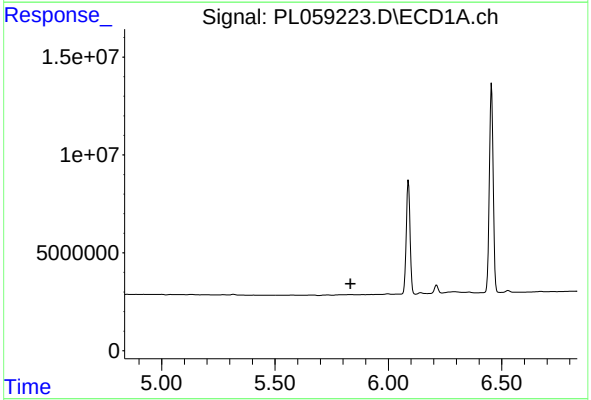
R.T.: 0.000 min
Exp R.T. : 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



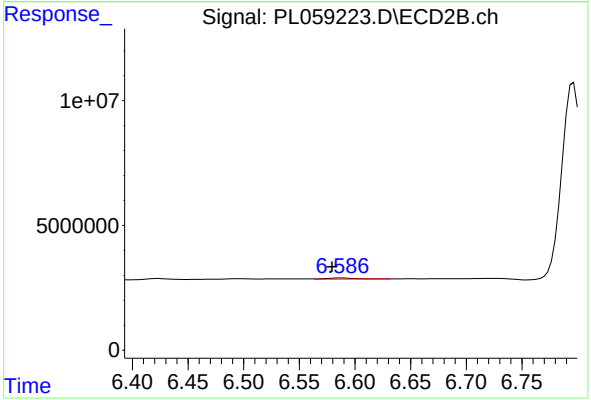
#12 4,4'-DDE

R.T.: 6.423 min
Delta R.T.: -0.002 min
Response: 658659
Conc: 0.24 ng/ml



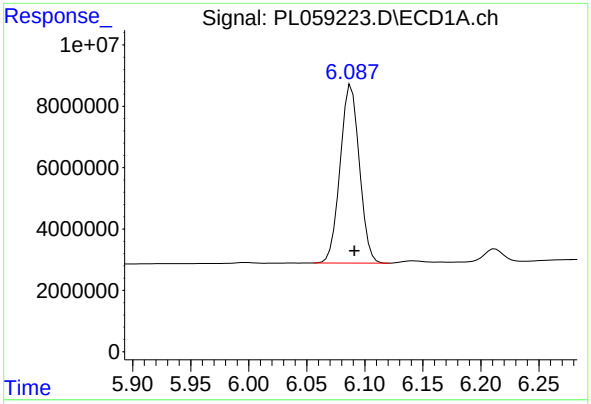
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.833 min
Response: 0
Conc: N.D.



#13 Dieldrin

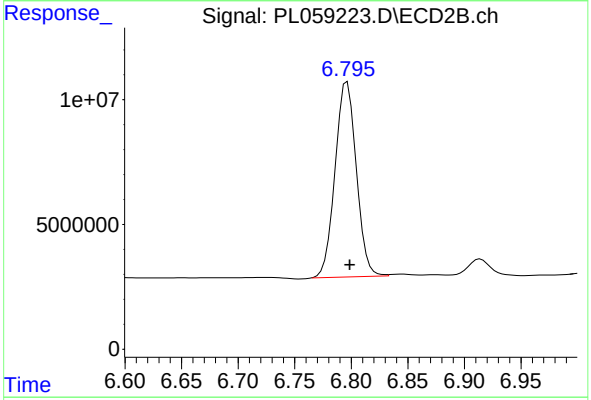
R.T.: 6.588 min
Delta R.T.: 0.008 min
Response: 761558
Conc: 0.26 ng/ml



#14 Endrin

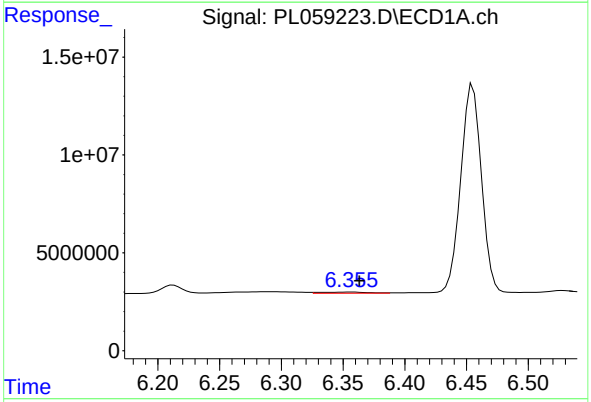
R.T.: 6.088 min
Delta R.T.: -0.003 min
Response: 66977790
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



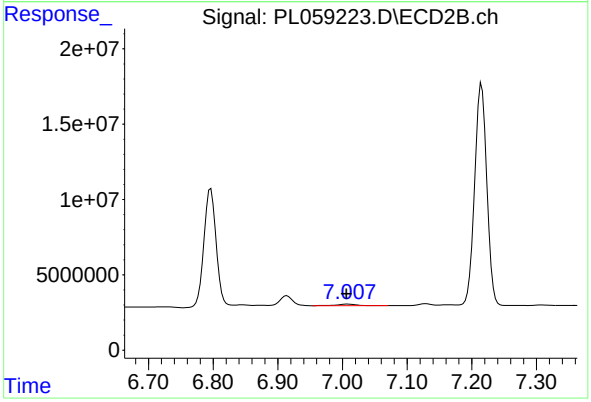
#14 Endrin

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 102350016
Conc: 41.10 ng/ml



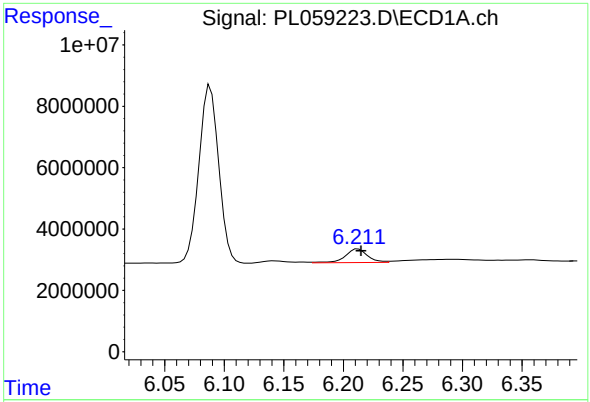
#15 Endosulfan II

R.T.: 6.356 min
Delta R.T.: -0.007 min
Response: 1548162
Conc: 1.00 ng/ml



#15 Endosulfan II

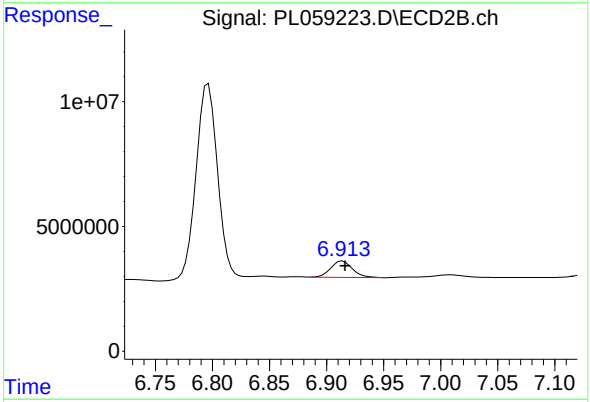
R.T.: 7.008 min
Delta R.T.: 0.002 min
Response: 2388420
Conc: 0.92 ng/ml



#16 4,4'-DDD

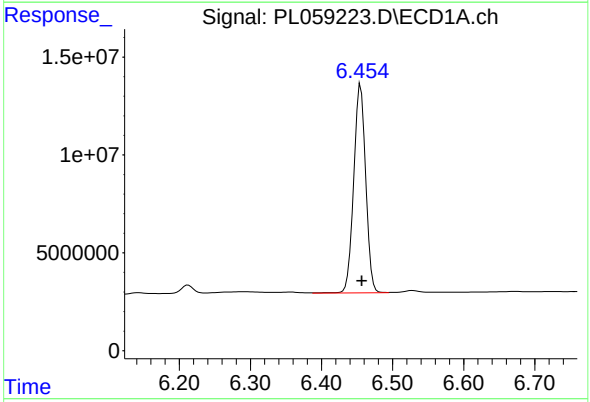
R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 5792152
Conc: 4.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



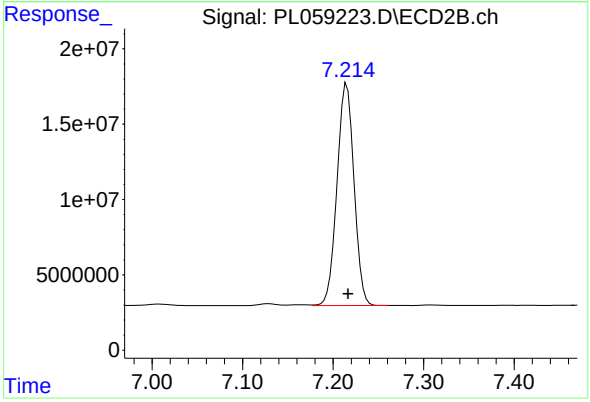
#16 4,4'-DDD

R.T.: 6.914 min
Delta R.T.: -0.002 min
Response: 8715467
Conc: 3.76 ng/ml



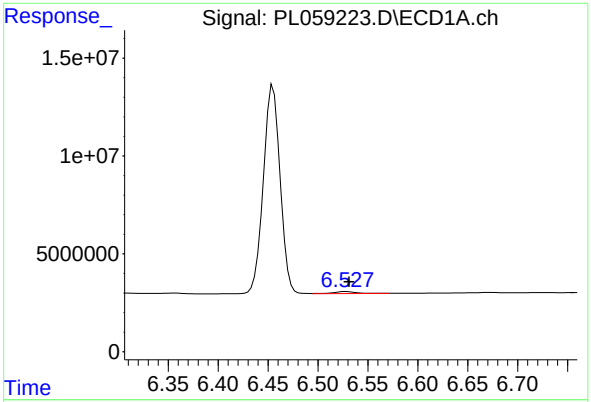
#17 4,4'-DDT

R.T.: 6.455 min
Delta R.T.: -0.002 min
Response: 124631168
Conc: 98.80 ng/ml



#17 4,4'-DDT

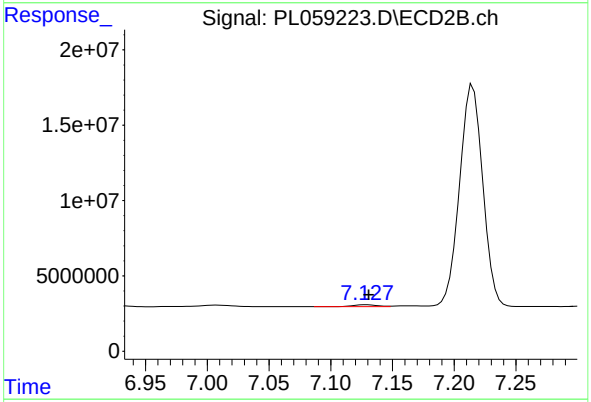
R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 192590632
Conc: 84.57 ng/ml



#18 Endrin aldehyde

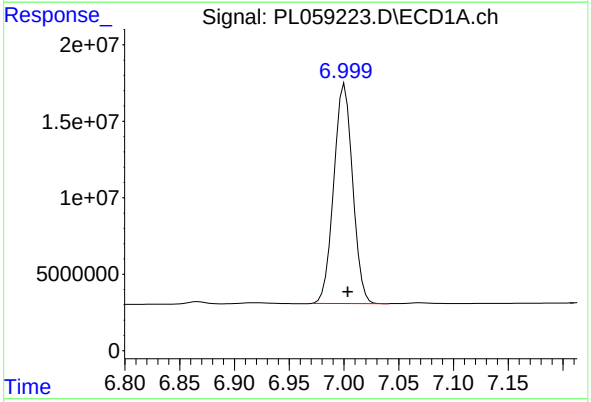
R.T.: 6.528 min
Delta R.T.: -0.003 min
Response: 1573290
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



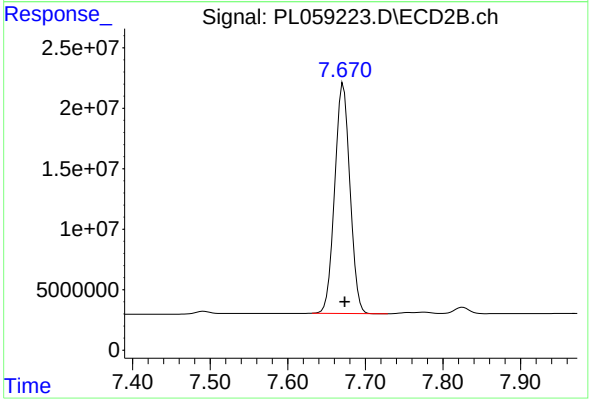
#18 Endrin aldehyde

R.T.: 7.129 min
Delta R.T.: -0.002 min
Response: 1727099
Conc: 0.76 ng/ml



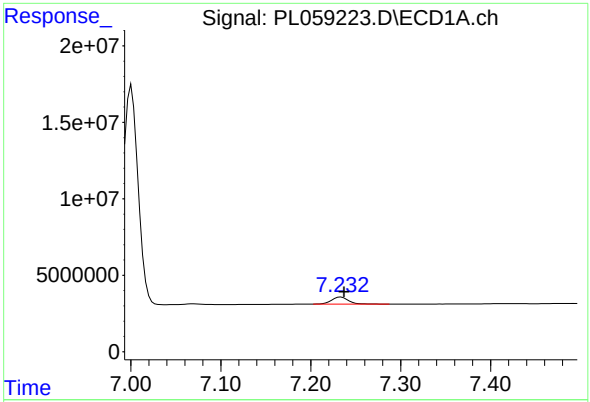
#20 Methoxychlor

R.T.: 7.001 min
Delta R.T.: -0.003 min
Response: 171789950
Conc: 223.65 ng/ml



#20 Methoxychlor

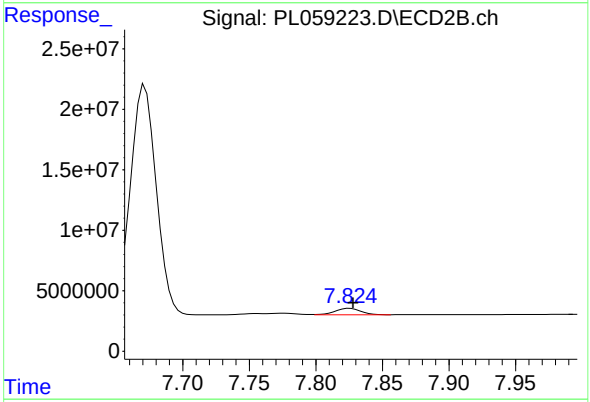
R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 259951998
Conc: 197.14 ng/ml



#21 Endrin ketone

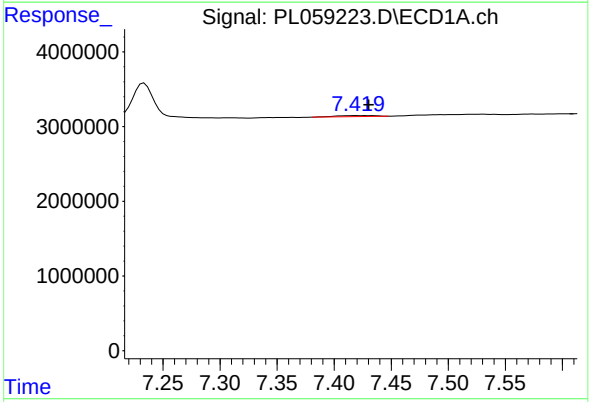
R.T.: 7.234 min
Delta R.T.: -0.004 min
Response: 5921534
Conc: 3.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



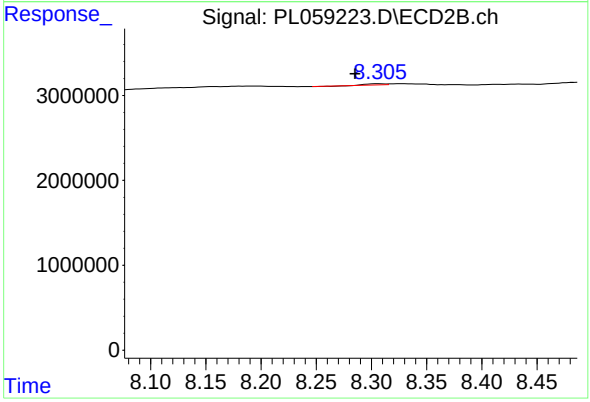
#21 Endrin ketone

R.T.: 7.825 min
Delta R.T.: -0.003 min
Response: 7064548
Conc: 2.69 ng/ml



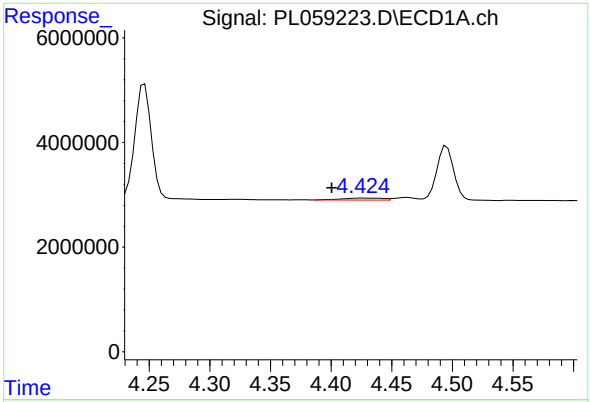
#22 Mirex

R.T.: 7.420 min
Delta R.T.: -0.011 min
Response: 327360
Conc: 0.24 ng/ml



#22 Mirex

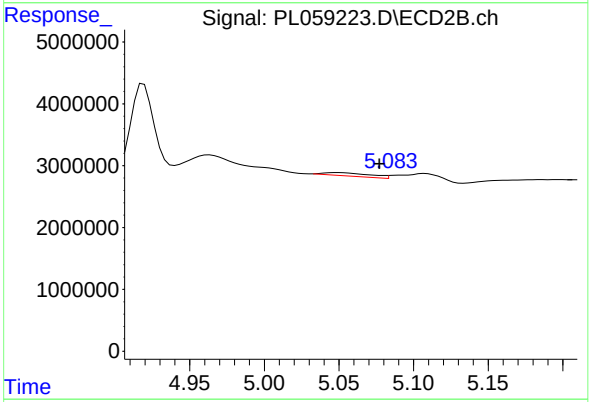
R.T.: 8.307 min
Delta R.T.: 0.022 min
Response: 151980
Conc: 0.08 ng/ml



#23 Chlordane-1

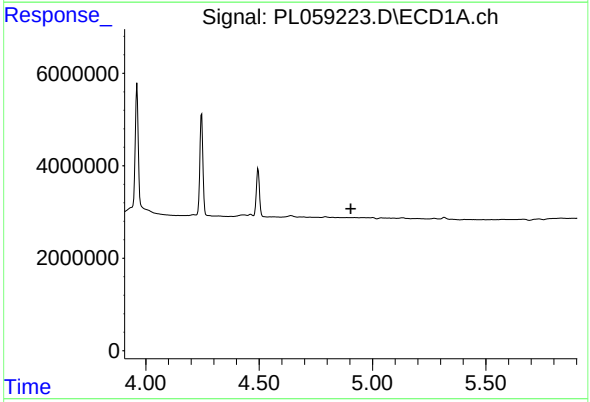
R.T.: 4.426 min
Delta R.T.: 0.025 min
Response: 907947
Conc: 18.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



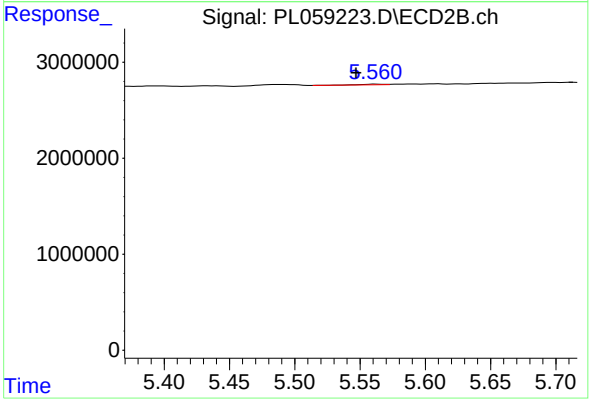
#23 Chlordane-1

R.T.: 5.050 min
Delta R.T.: -0.027 min
Response: 1184568
Conc: 11.72 ng/ml



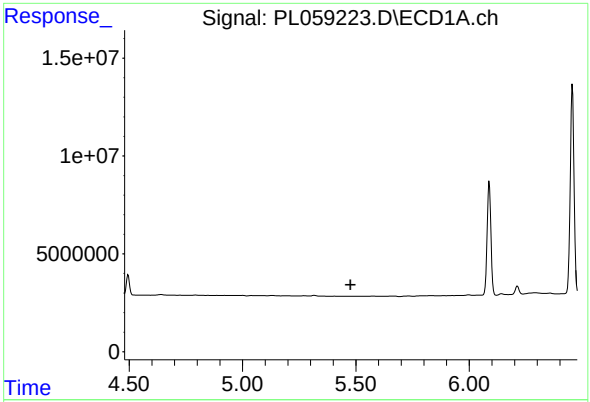
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#24 Chlordane-2

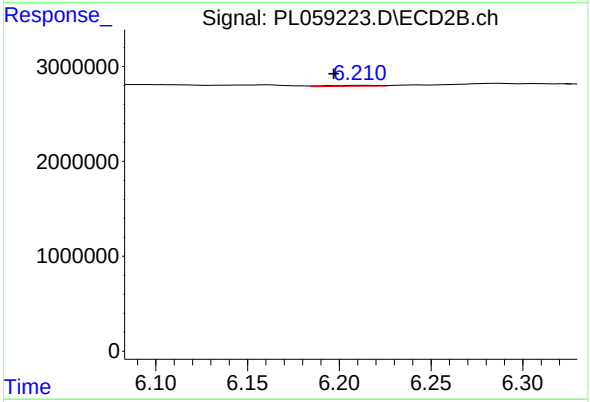
R.T.: 5.562 min
Delta R.T.: 0.015 min
Response: 111427
Conc: 1.17 ng/ml



#25 Chlordane-3

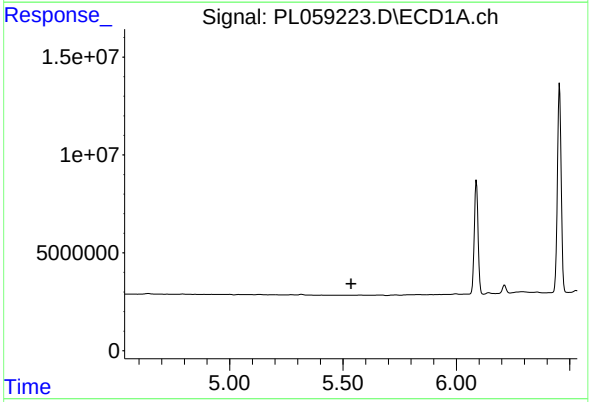
R.T.: 0.000 min
Exp R.T. : 5.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



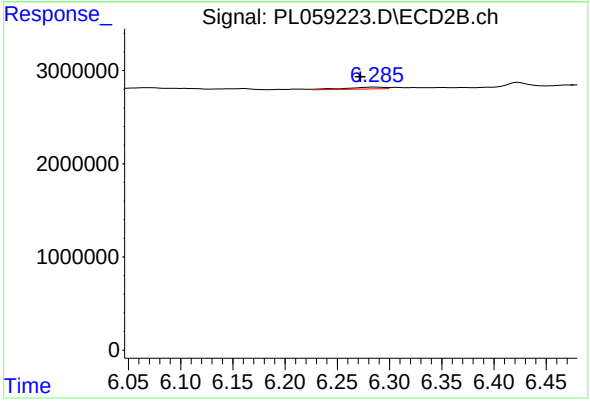
#25 Chlordane-3

R.T.: 6.213 min
Delta R.T.: 0.016 min
Response: 192007
Conc: 0.51 ng/ml



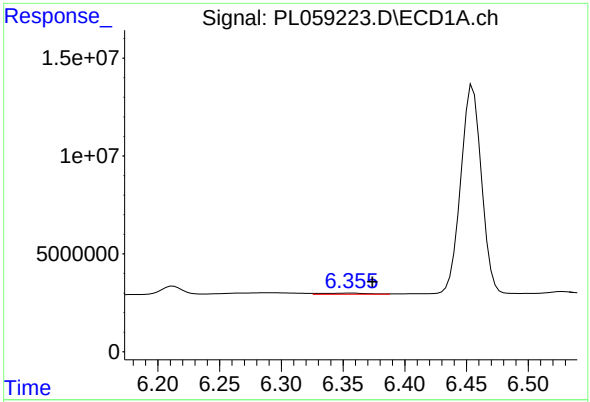
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.535 min
Response: 0
Conc: N.D.



#26 Chlordane-4

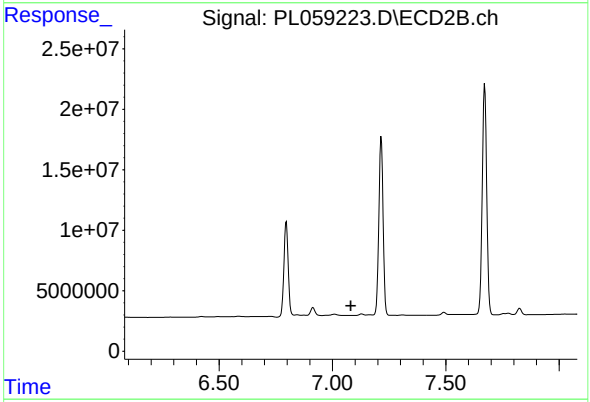
R.T.: 6.286 min
Delta R.T.: 0.014 min
Response: 488784
Conc: 1.07 ng/ml



#27 Chlordane-5

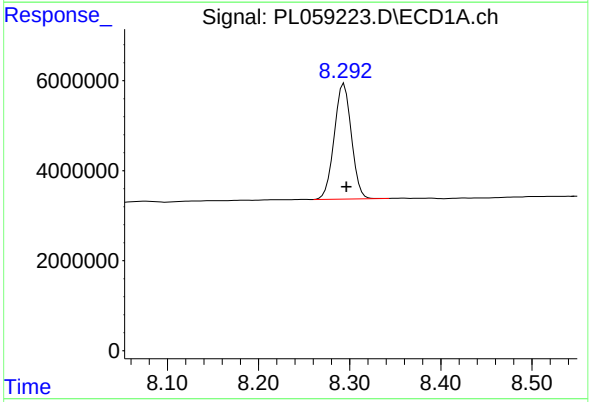
R.T.: 6.356 min
Delta R.T.: -0.017 min
Response: 1548162
Conc: 31.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



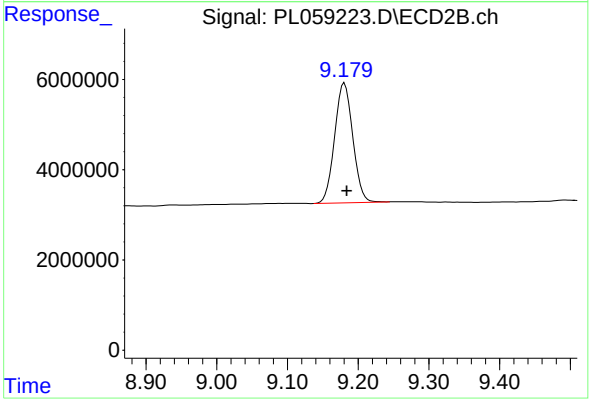
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.080 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.294 min
Delta R.T.: -0.003 min
Response: 33520071
Conc: 20.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.181 min
Delta R.T.: -0.003 min
Response: 47472298
Conc: 20.03 ng/ml