Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042220\
Data File : PL058302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2020 16:09
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: Apr 23 00:55:46 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
Quant Title : GC Extractables
QLast Update : Sat Apr 04 06:41:11 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	218.7E6	44943257	21.696	20.710	
28)	SA Decachlor...	8.203	8.976	229.3E6	46278842	22.244	20.718	
	Target Compounds							
2)	A alpha-BHC	3.892	4.341	172.1E6	31267317	9.907	9.522	
3)	MA gamma-BHC...	4.176	4.623	156.6E6	31081342	10.775	9.568	
4)	MA Heptachlor	0.000	5.137	0	715535	N.D.	0.213	#
5)	MB Aldrin	4.718	0.000	4378868	0	0.297	N.D.	#
6)	B beta-BHC	4.428	4.797	77117955	15921996	12.211	11.466	
7)	B delta-BHC	4.616f	4.985f	3456612	4491862	0.228	3.749	#
8)	B Heptachlo...	5.169	5.810	2439887	6236614	0.182	2.310	#
9)	A Endosulfan I	5.495	0.000	2739131	0	0.223	N.D.	#
11)	B alpha-Chl...	5.446	0.000	4949085	0	0.372	N.D.	#
12)	B 4,4'-DDE	5.613	6.274	20644980	692862	1.576	0.234	#
13)	MA Dieldrin	0.000	6.414	0	110648	N.D.	0.036	#
14)	MA Endrin	6.005	6.638	642.3E6	128.2E6	55.023	51.320	
15)	B Endosulfa...	6.311f	6.865	1145937	1109796	0.104	0.428	#
16)	A 4,4'-DDD	6.130	6.765	20702764	4461140	2.071	1.955	
17)	MA 4,4'-DDT	6.371	7.062	1157.5E6	224.1E6	114.049	100.622	
18)	B Endrin al...	6.444	6.972	10659973	1921669	1.140	0.865	
19)	B Endosulfa...	6.684f	0.000	320761	0	0.032	N.D.	#
20)	A Methoxychlor	6.916	7.521	1393.4E6	290.4E6	252.773	228.299	
21)	B Endrin ke...	7.149	7.662	20333204	4373066	1.826	1.769	
22)	Mirex	7.326	0.000	1609042	0	0.196	N.D.	#
23)	Chlordane-1	4.352f	0.000	5350749	0	14.467	N.D.	#
24)	Chlordane-2	4.830	0.000	19546466	0	48.416	N.D.	#
26)	Chlordane-4	5.446	0.000	4949085	0	4.758	N.D.	#
27)	Chlordane-5	6.311f	6.937f	1145937	788085	3.029	9.243	#

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

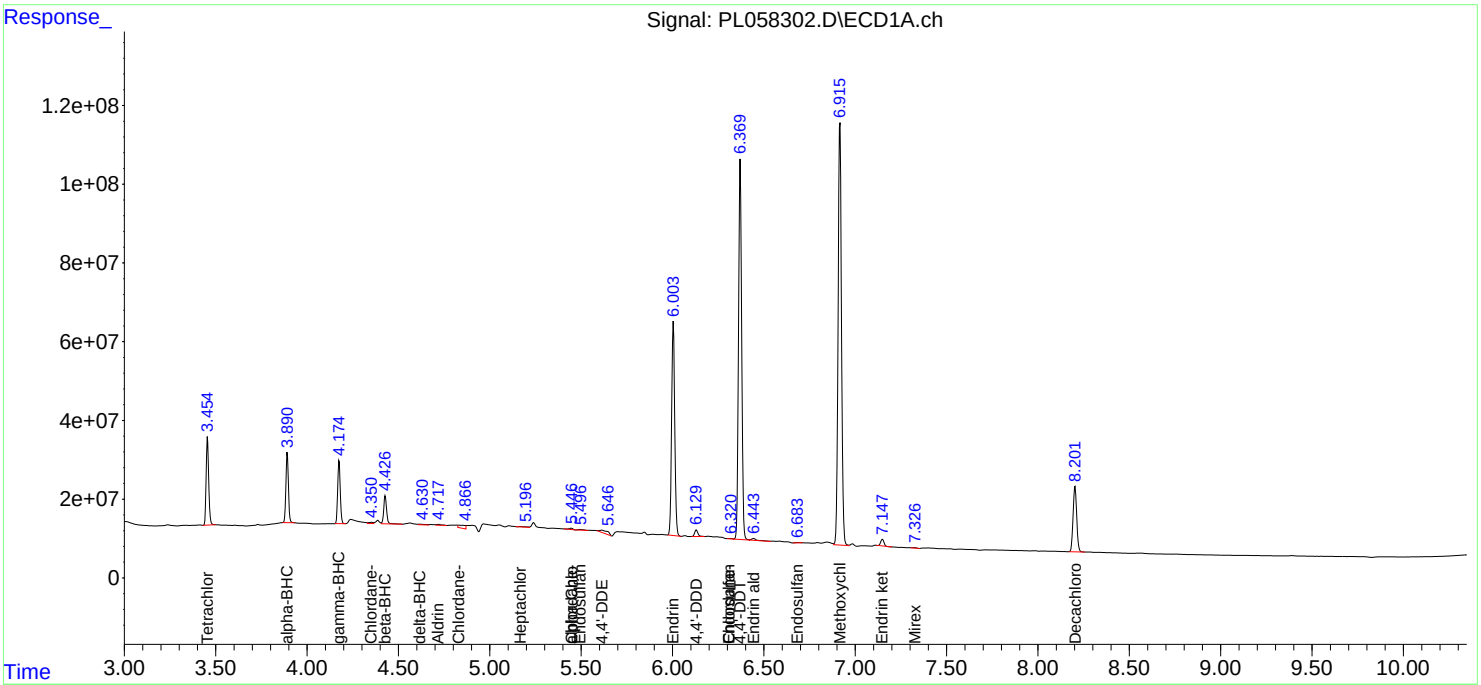
Quantitation Report (Not Reviewed)

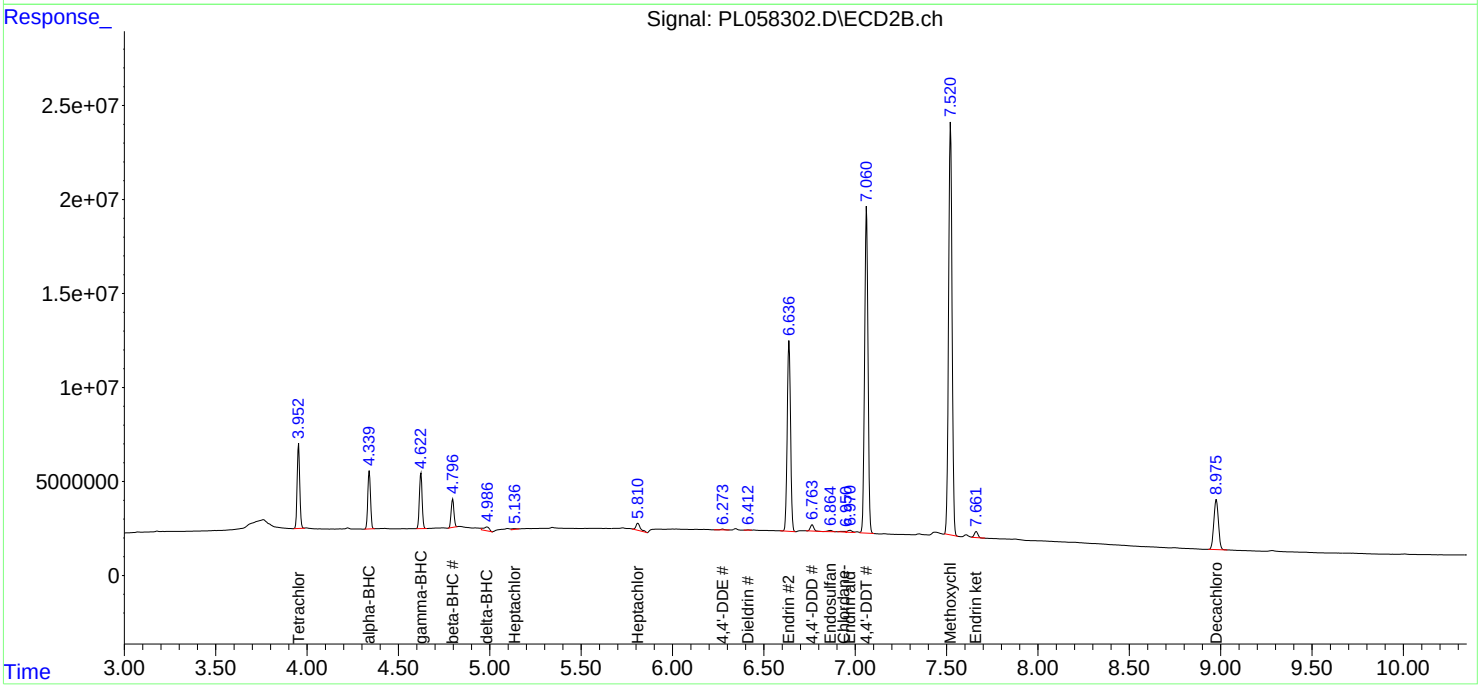
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042220\
Data File : PL058302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2020 16:09
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

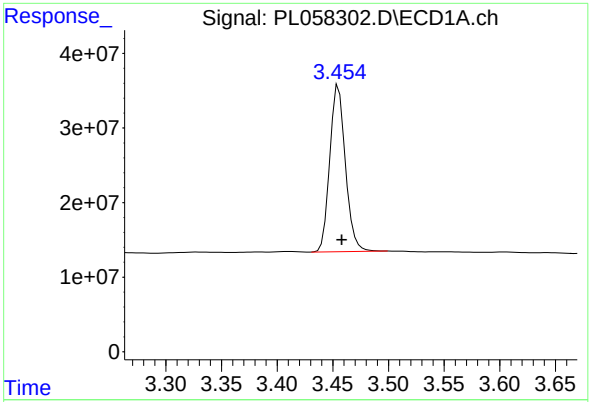
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 00:55:46 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
Quant Title : GC Extractables
QLast Update : Sat Apr 04 06:41:11 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



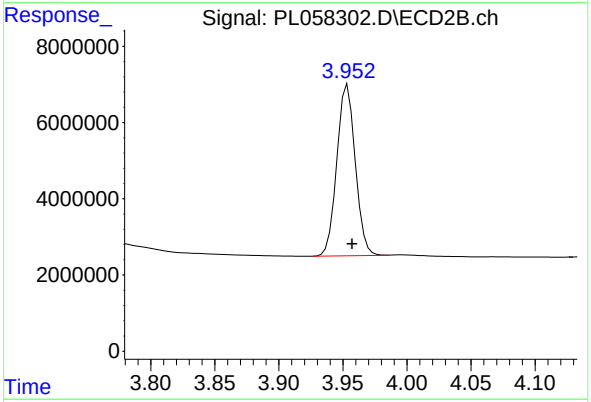




#1 Tetrachloro-m-xylene

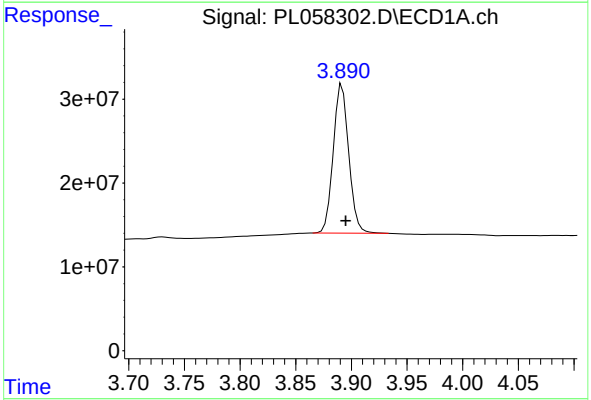
R.T.: 3.455 min
Delta R.T.: -0.003 min
Response: 218716869
Conc: 21.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



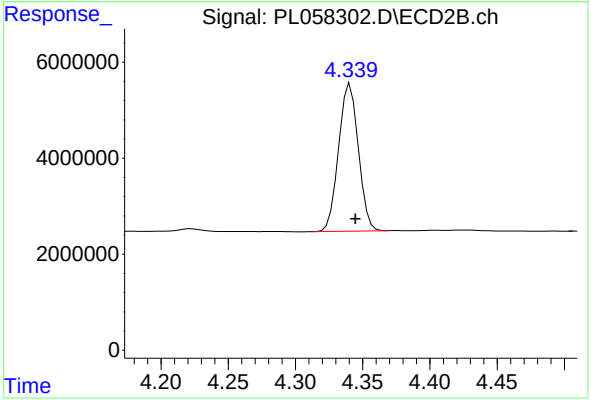
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: -0.004 min
Response: 44943257
Conc: 20.71 ng/ml



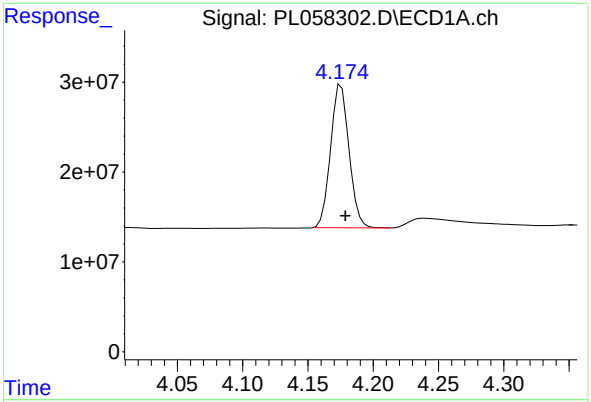
#2 alpha-BHC

R.T.: 3.892 min
Delta R.T.: -0.003 min
Response: 172109254
Conc: 9.91 ng/ml



#2 alpha-BHC

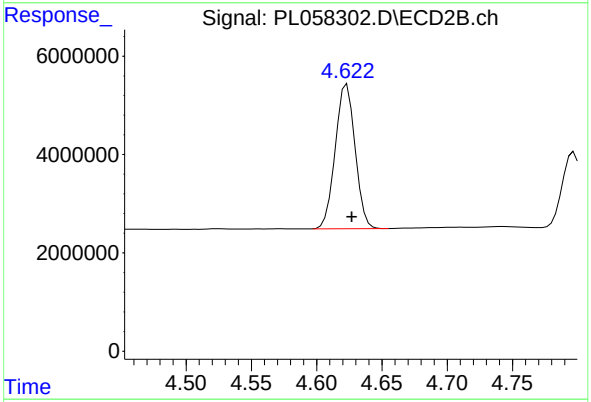
R.T.: 4.341 min
Delta R.T.: -0.004 min
Response: 31267317
Conc: 9.52 ng/ml



#3 gamma-BHC (Lindane)

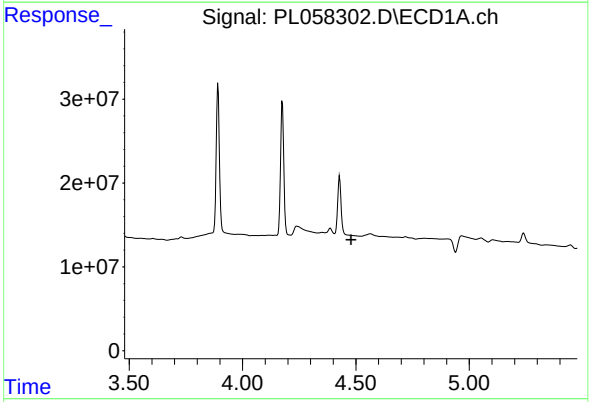
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 156617104
Conc: 10.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



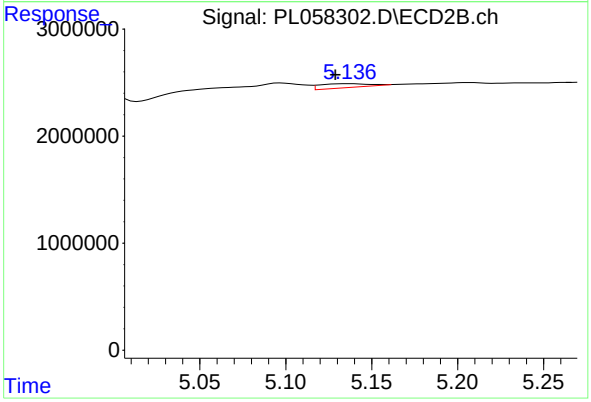
#3 gamma-BHC (Lindane)

R.T.: 4.623 min
Delta R.T.: -0.004 min
Response: 31081342
Conc: 9.57 ng/ml



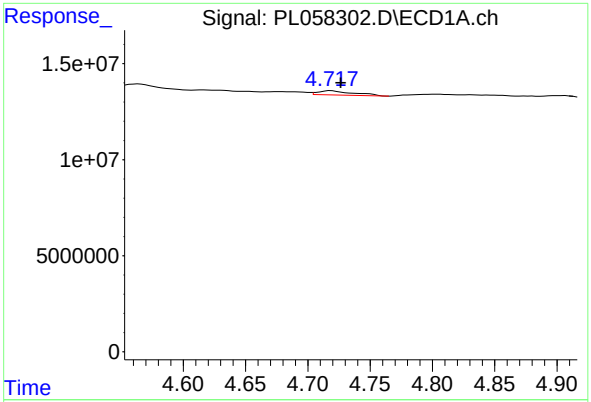
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.479 min
Response: 0
Conc: N.D.



#4 Heptachlor

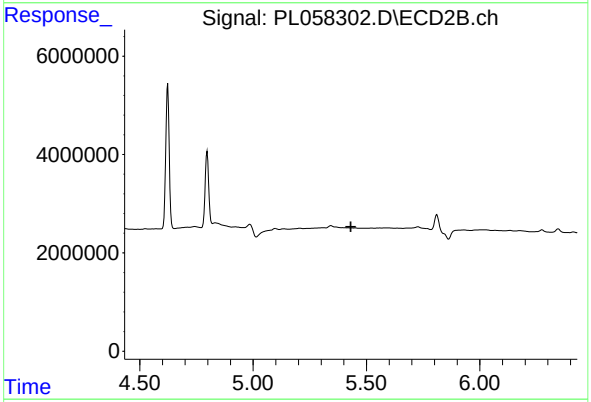
R.T.: 5.137 min
Delta R.T.: 0.008 min
Response: 715535
Conc: 0.21 ng/ml



#5 Aldrin

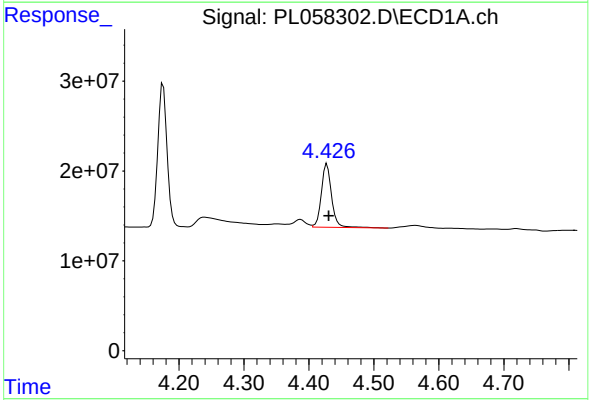
R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 4378868
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



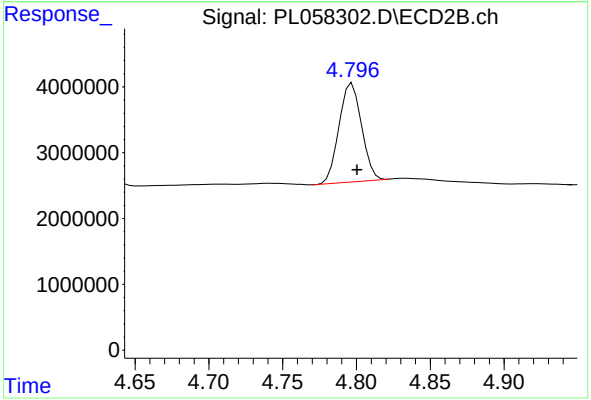
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.431 min
Response: 0
Conc: N.D.



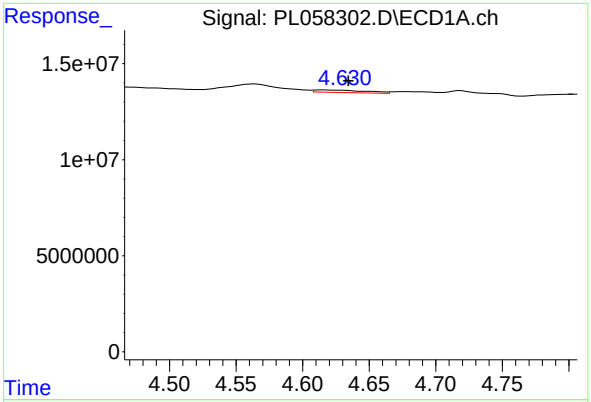
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 77117955
Conc: 12.21 ng/ml



#6 beta-BHC

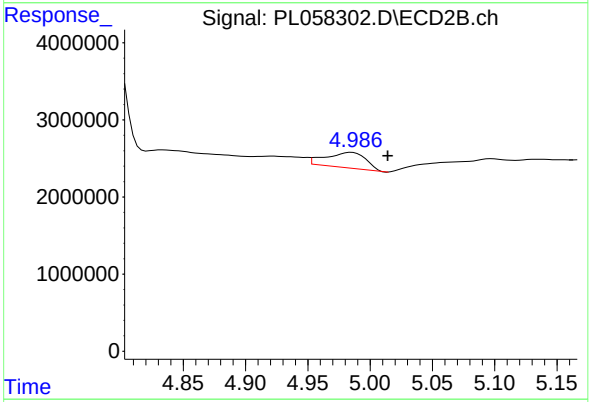
R.T.: 4.797 min
Delta R.T.: -0.003 min
Response: 15921996
Conc: 11.47 ng/ml



#7 delta-BHC

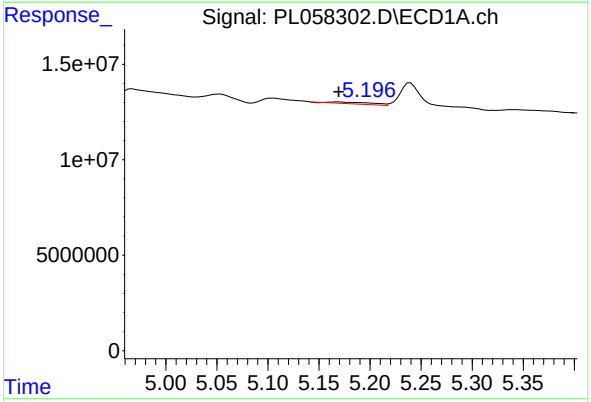
R.T.: 4.616 min
Delta R.T.: -0.018 min
Response: 3456612
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



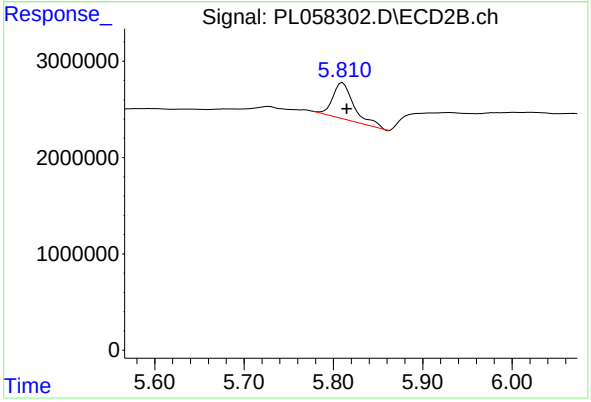
#7 delta-BHC

R.T.: 4.985 min
Delta R.T.: -0.029 min
Response: 4491862
Conc: 3.75 ng/ml



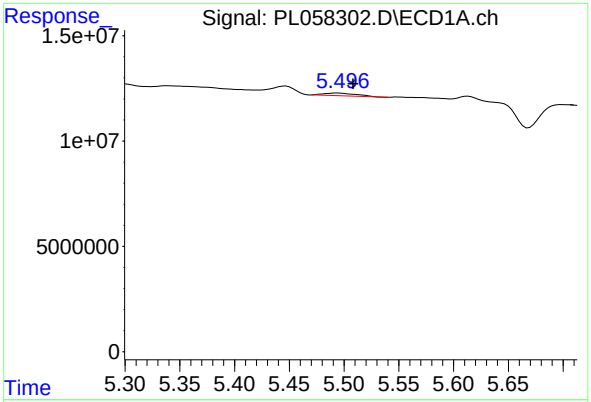
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 2439887
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

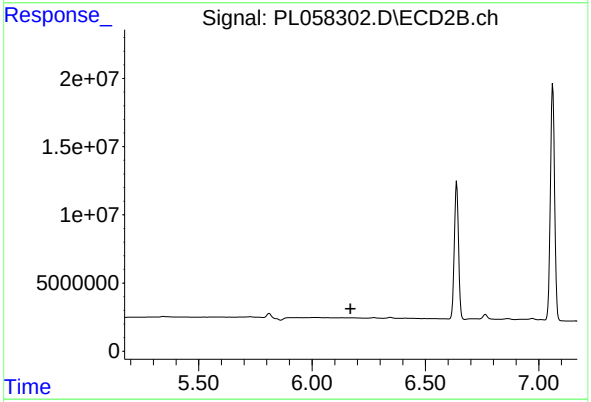
R.T.: 5.810 min
Delta R.T.: -0.005 min
Response: 6236614
Conc: 2.31 ng/ml



#9 Endosulfan I

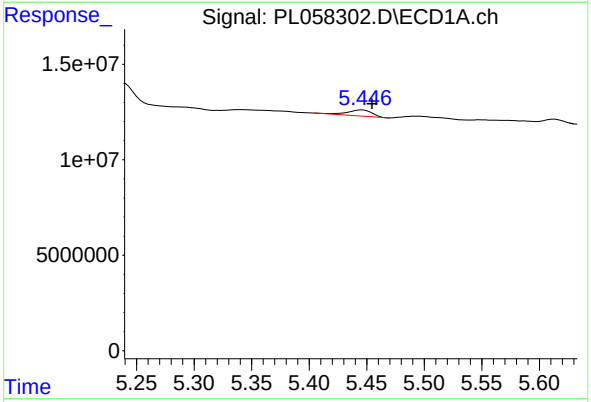
R.T.: 5.495 min
Delta R.T.: -0.014 min
Response: 2739131
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



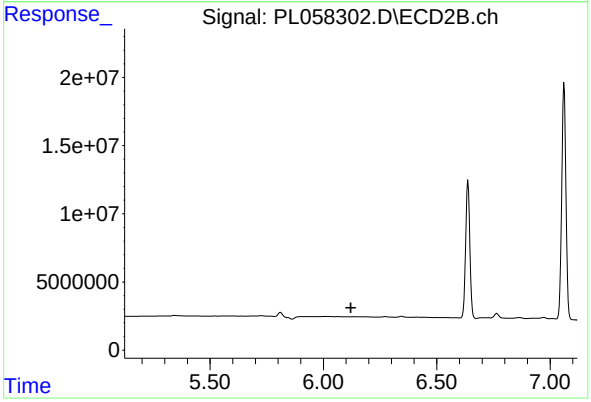
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.170 min
Response: 0
Conc: N.D.



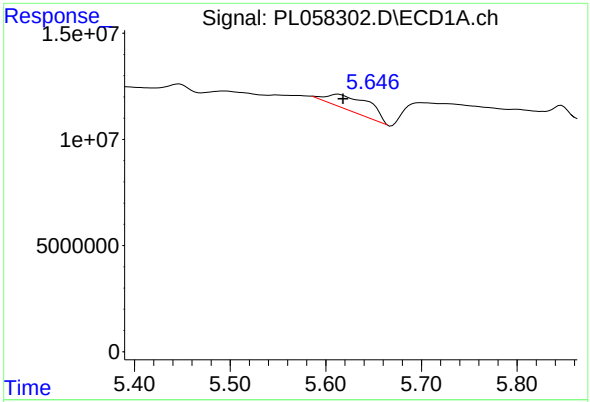
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: -0.008 min
Response: 4949085
Conc: 0.37 ng/ml



#11 alpha-Chlordane

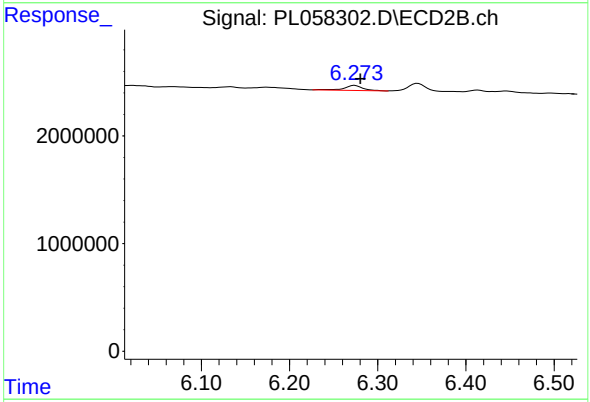
R.T.: 0.000 min
Exp R.T. : 6.120 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

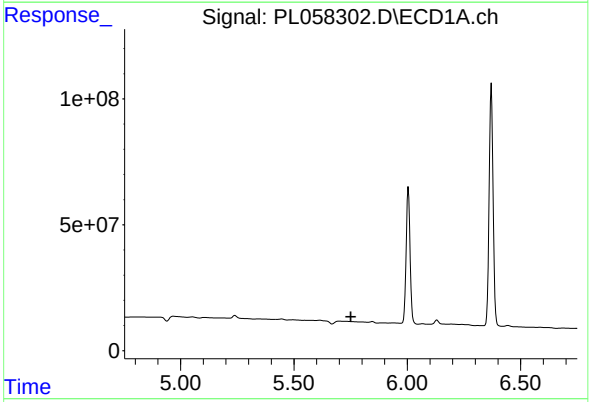
R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 20644980
Conc: 1.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



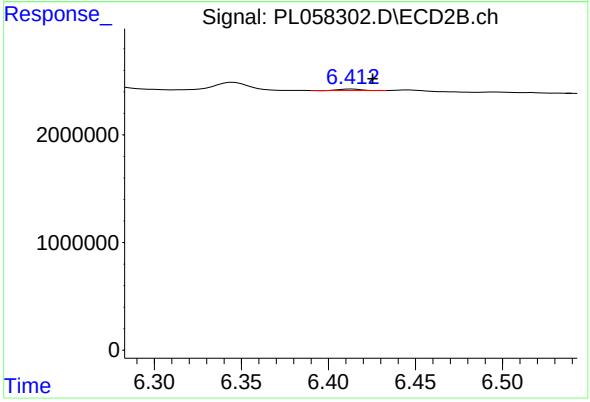
#12 4,4'-DDE

R.T.: 6.274 min
Delta R.T.: -0.006 min
Response: 692862
Conc: 0.23 ng/ml



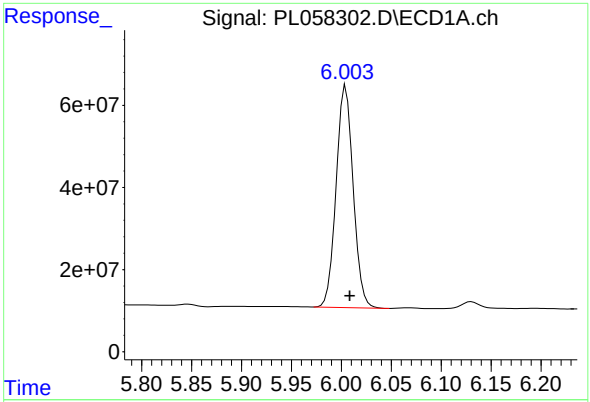
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.751 min
Response: 0
Conc: N.D.



#13 Dieldrin

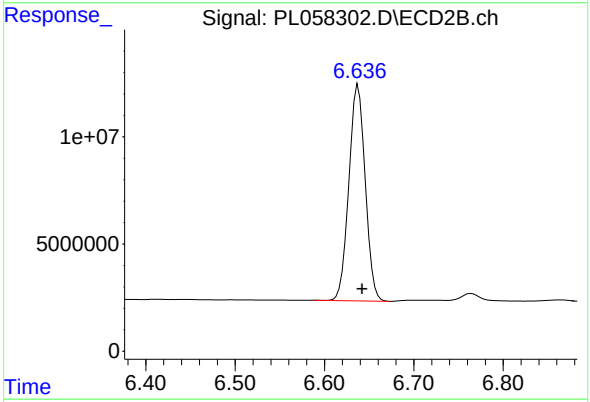
R.T.: 6.414 min
Delta R.T.: -0.012 min
Response: 110648
Conc: 0.04 ng/ml



#14 Endrin

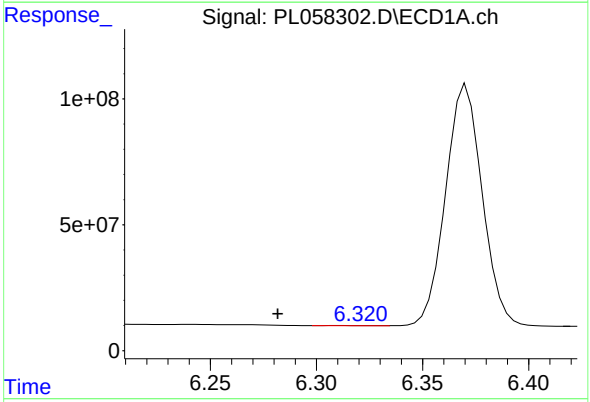
R.T.: 6.005 min
Delta R.T.: -0.004 min
Response: 642269218
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



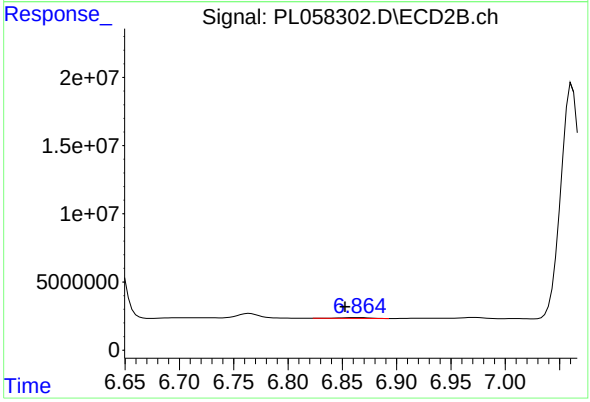
#14 Endrin

R.T.: 6.638 min
Delta R.T.: -0.005 min
Response: 128226160
Conc: 51.32 ng/ml



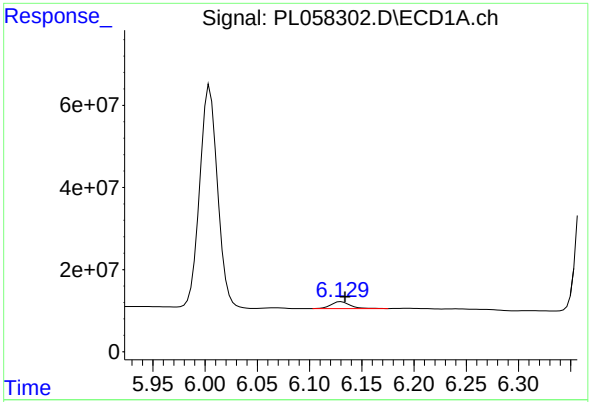
#15 Endosulfan II

R.T.: 6.311 min
Delta R.T.: 0.029 min
Response: 1145937
Conc: 0.10 ng/ml



#15 Endosulfan II

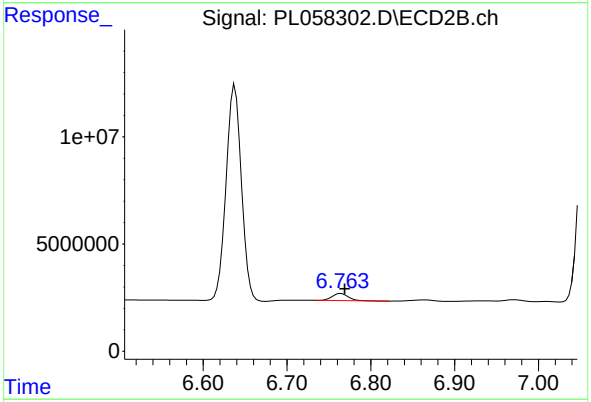
R.T.: 6.865 min
Delta R.T.: 0.012 min
Response: 1109796
Conc: 0.43 ng/ml



#16 4,4'-DDD

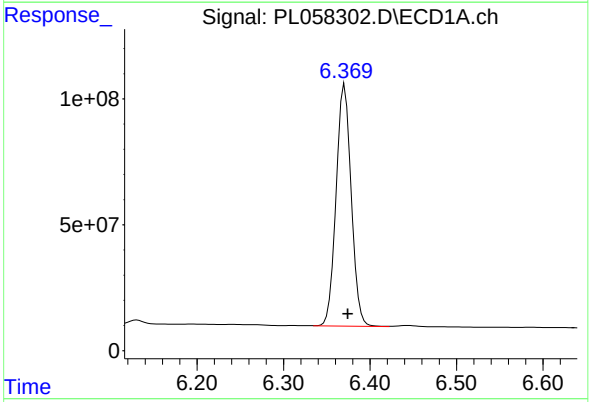
R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 20702764
Conc: 2.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



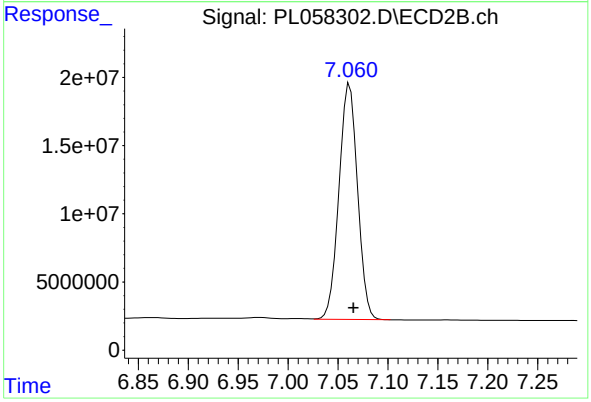
#16 4,4'-DDD

R.T.: 6.765 min
Delta R.T.: -0.004 min
Response: 4461140
Conc: 1.95 ng/ml



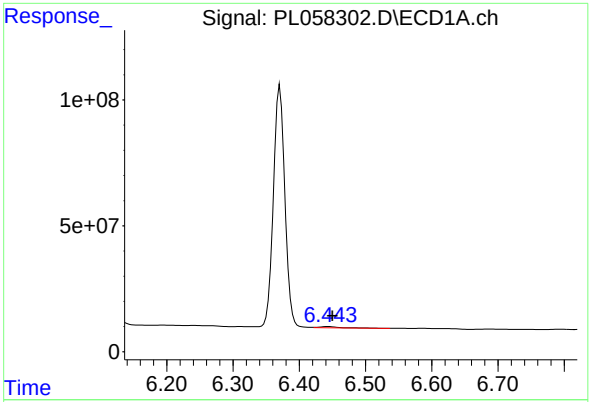
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: -0.004 min
Response: 1157537151
Conc: 114.05 ng/ml



#17 4,4'-DDT

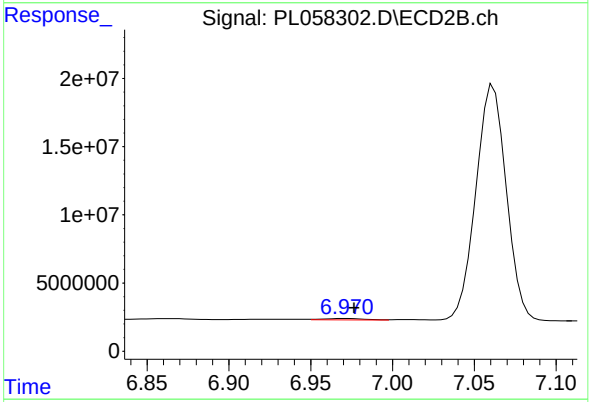
R.T.: 7.062 min
Delta R.T.: -0.004 min
Response: 224123154
Conc: 100.62 ng/ml



#18 Endrin aldehyde

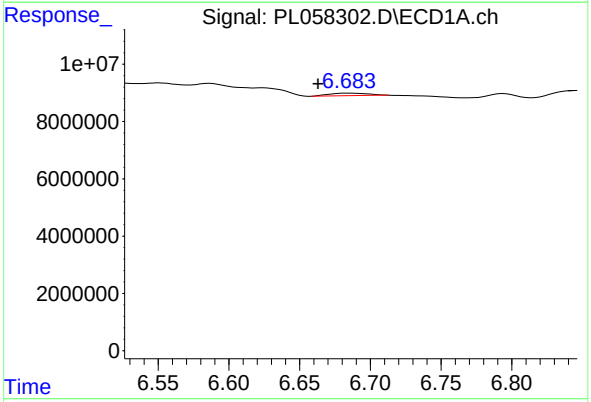
R.T.: 6.444 min
Delta R.T.: -0.006 min
Response: 10659973
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



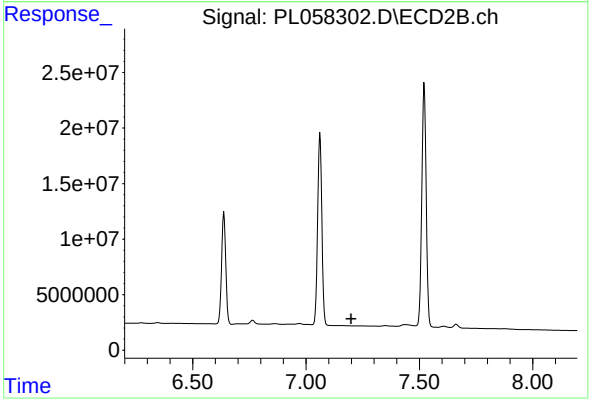
#18 Endrin aldehyde

R.T.: 6.972 min
Delta R.T.: -0.005 min
Response: 1921669
Conc: 0.86 ng/ml



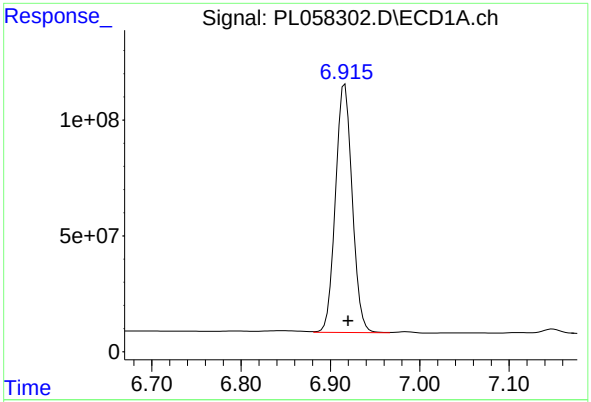
#19 Endosulfan Sulfate

R.T.: 6.684 min
Delta R.T.: 0.021 min
Response: 320761
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

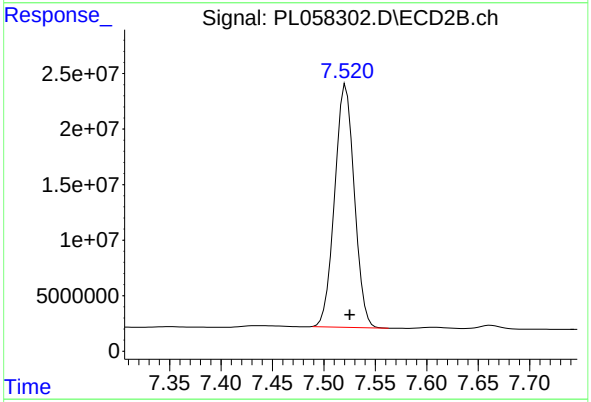
R.T.: 0.000 min
Exp R.T. : 7.199 min
Response: 0
Conc: N.D.



#20 Methoxychlor

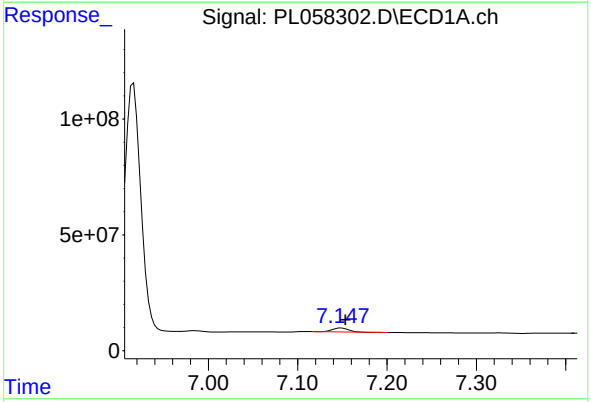
R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 1393435494
Conc: 252.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



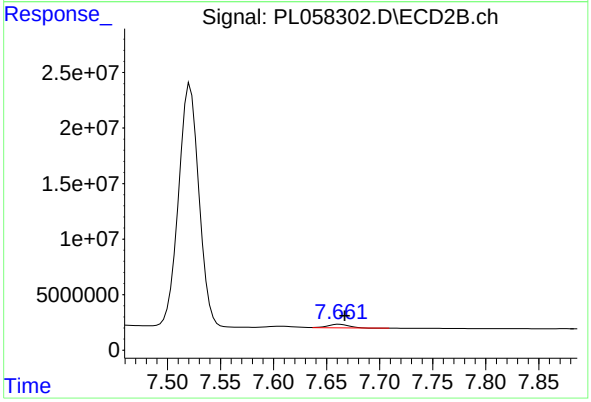
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.004 min
Response: 290400665
Conc: 228.30 ng/ml



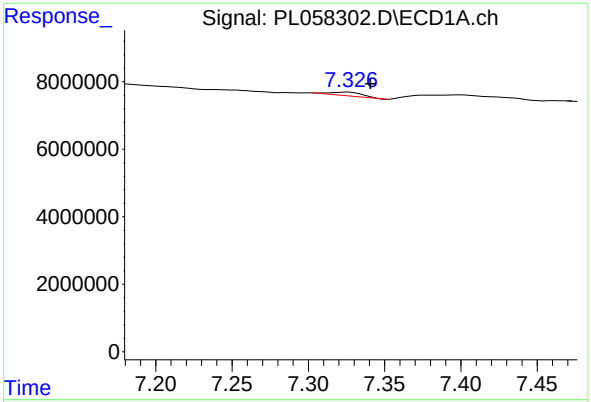
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: -0.005 min
Response: 20333204
Conc: 1.83 ng/ml



#21 Endrin ketone

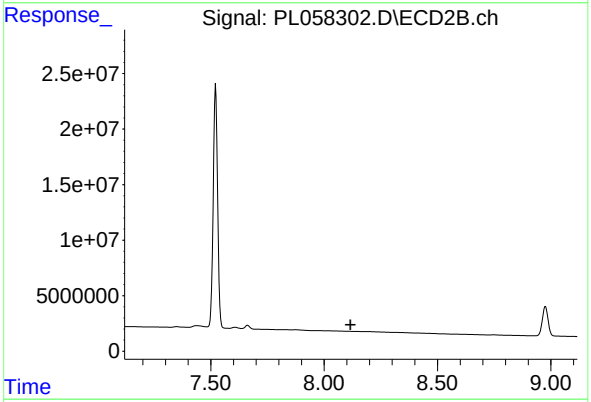
R.T.: 7.662 min
Delta R.T.: -0.005 min
Response: 4373066
Conc: 1.77 ng/ml



#22 Mirex

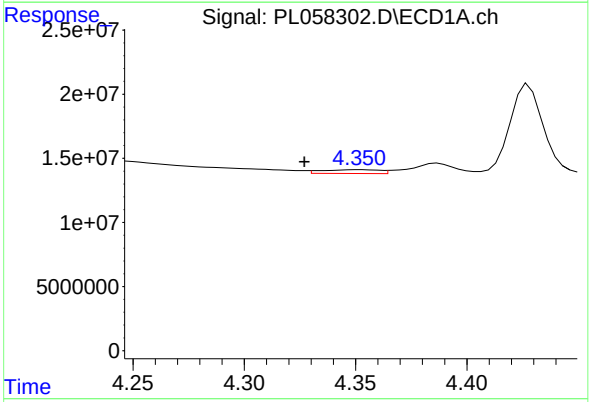
R.T.: 7.326 min
Delta R.T.: -0.014 min
Response: 1609042
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



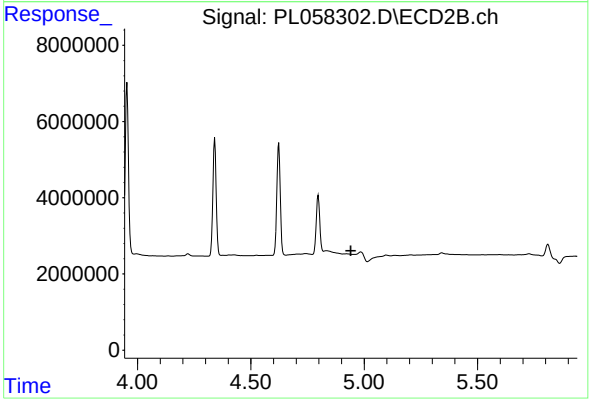
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



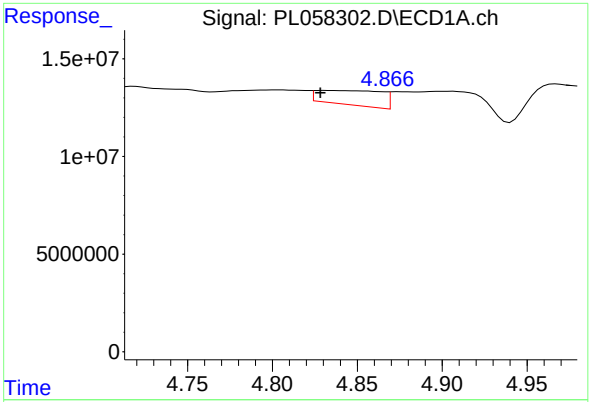
#23 Chlordane-1

R.T.: 4.352 min
Delta R.T.: 0.025 min
Response: 5350749
Conc: 14.47 ng/ml



#23 Chlordane-1

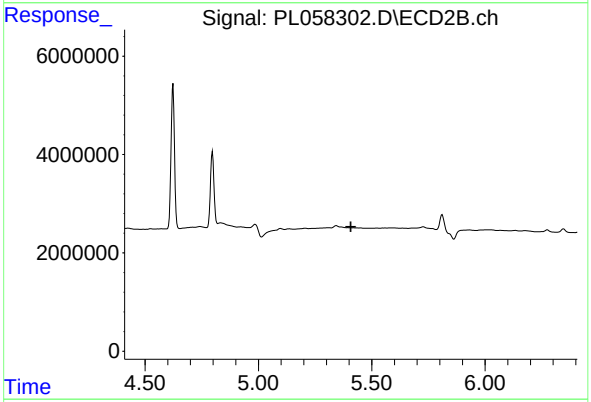
R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



#24 Chlordane-2

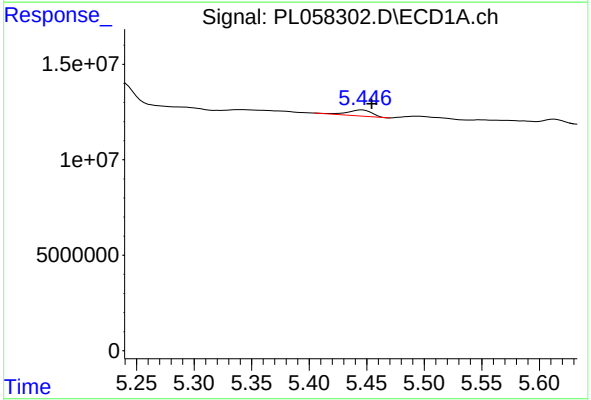
R.T.: 4.830 min
Delta R.T.: 0.002 min
Response: 19546466
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



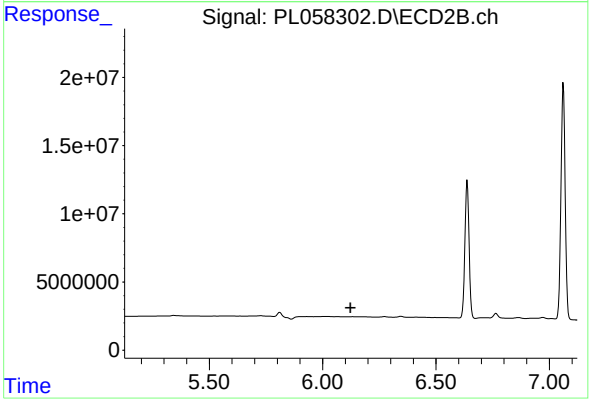
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.407 min
Response: 0
Conc: N.D.



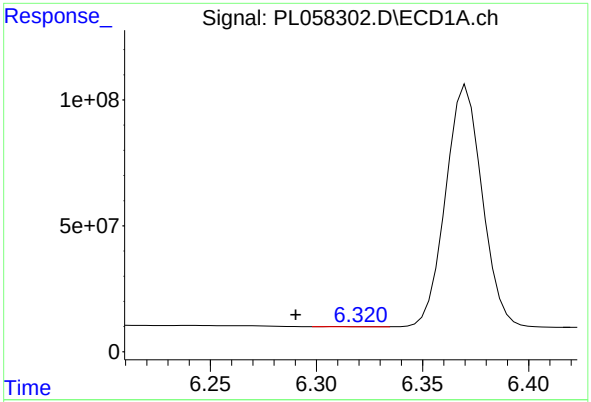
#26 Chlordane-4

R.T.: 5.446 min
Delta R.T.: -0.008 min
Response: 4949085
Conc: 4.76 ng/ml



#26 Chlordane-4

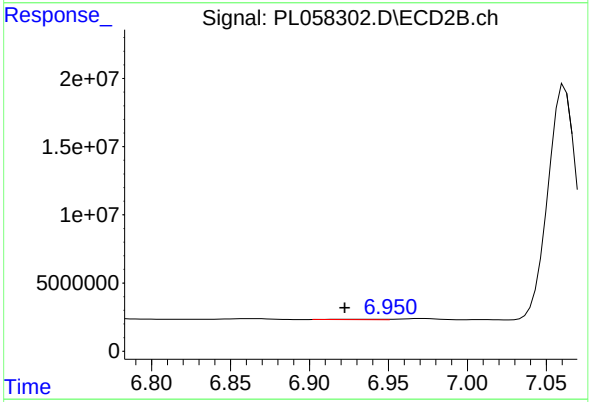
R.T.: 0.000 min
Exp R.T. : 6.123 min
Response: 0
Conc: N.D.



#27 Chlordane-5

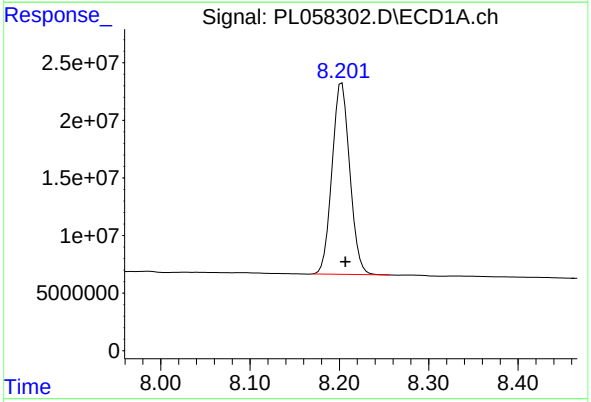
R.T.: 6.311 min
Delta R.T.: 0.020 min
Response: 1145937
Conc: 3.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



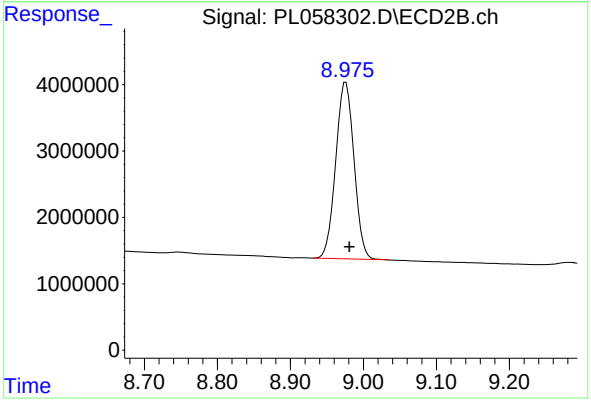
#27 Chlordane-5

R.T.: 6.937 min
Delta R.T.: 0.015 min
Response: 788085
Conc: 9.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: -0.004 min
Response: 229298679
Conc: 22.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.005 min
Response: 46278842
Conc: 20.72 ng/ml