Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 18:39
Operator : AR\AJ
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: Jan 31 01:35:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.539	2.774	56904288	66667804	21.132	20.424	
28)	SA Decachlor...	9.055	7.910	44305318	65213173	21.179	18.611	
	Target Compounds							
2)	A alpha-BHC	3.995	3.276	42056236	47132338	10.970	9.641	
3)	MA gamma-BHC...	4.327	3.606	39670889	44327721	10.772	9.349	
4)	MA Heptachlor	0.000	3.958	0	85773	N.D.	0.018	#
5)	MB Aldrin	0.000	4.239	0	167240	N.D.	0.037	#
6)	B beta-BHC	4.526	3.907	18268033	21869417	11.365	10.949	
7)	B delta-BHC	0.000	4.136	0	483292	N.D.	0.102	#
8)	B Heptachlo...	0.000	4.732	0	67108	N.D.	0.016	#
9)	A Endosulfan I	0.000	5.124f	0	360148	N.D.	0.093	#
10)	B gamma-Chl...	0.000	4.984	0	3810632	N.D.	0.899	#
11)	B alpha-Chl...	0.000	5.043	0	2606162	N.D.	0.623	#
12)	B 4,4'-DDE	0.000	5.231	0	1129159	N.D.	0.282	#
13)	MA Dieldrin	0.000	5.369	0	10781	N.D.	0.003	#
14)	MA Endrin	6.574	5.636	104.0E6	162.3E6	44.340	43.952	
15)	B Endosulfa...	6.811f	5.943	2558395	1310185	1.062	0.354	#
16)	A 4,4'-DDD	6.710	5.785	15334138	20333197	8.068	6.442	
17)	MA 4,4'-DDT	7.023	6.034	175.7E6	313.7E6	89.091	96.417	
18)	B Endrin al...	6.923	6.111	5223391	8654948	2.687	2.843	
19)	B Endosulfa...	0.000	6.321	0	543237	N.D.	0.152	#
20)	A Methoxychlor	7.500	6.610	221.8E6	378.8E6	212.594	211.841	
21)	B Endrin ke...	7.643	6.838	12191195	18987796	4.833	4.526	
22)	Mirex	0.000	7.009	0	112325	N.D.	0.033	#
23)	Chlordane-1	0.000	3.773	0	54191	N.D.	0.434	#
24)	Chlordane-2	0.000	4.323f	0	3469243	N.D.	23.645	#
25)	Chlordane-3	0.000	4.984	0	3810632	N.D.	8.764	#
26)	Chlordane-4	0.000	5.043	0	2606162	N.D.	6.151	#
27)	Chlordane-5	0.000	5.943	0	1310185	N.D.	8.554	#

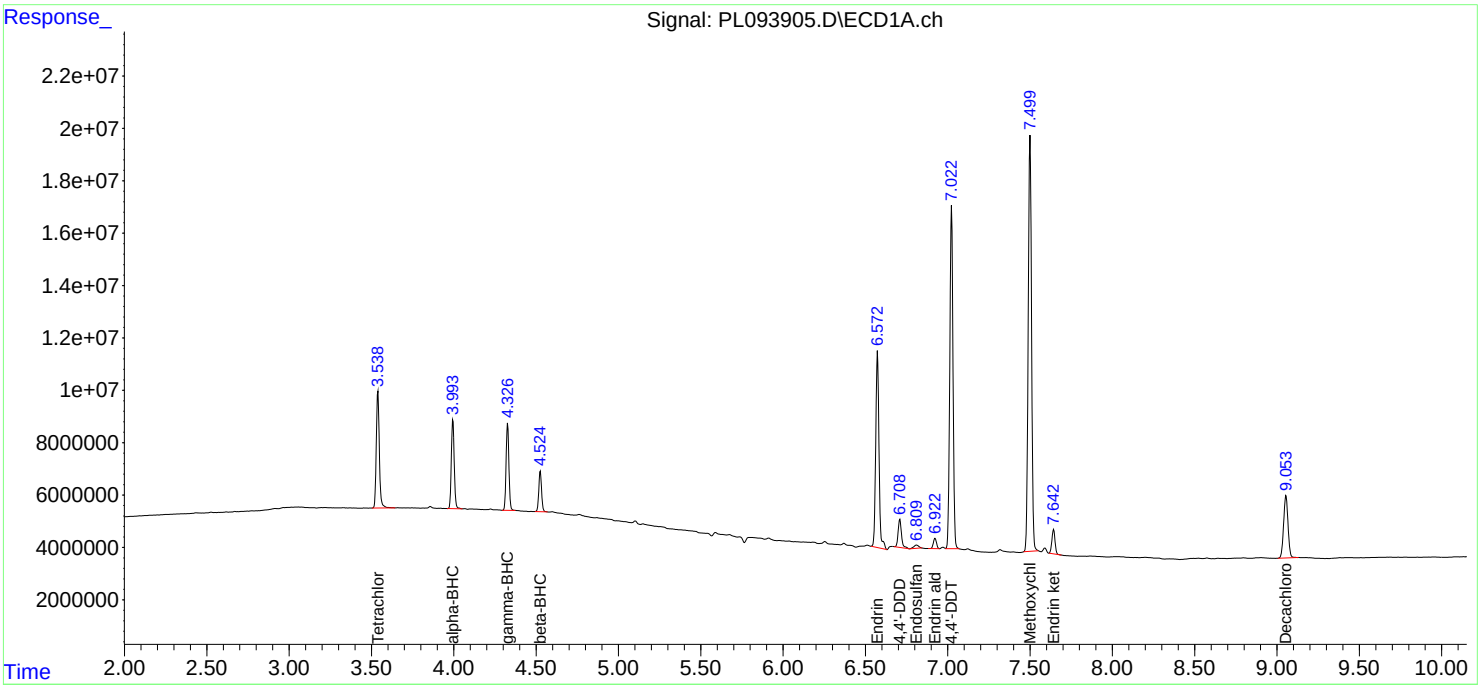
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

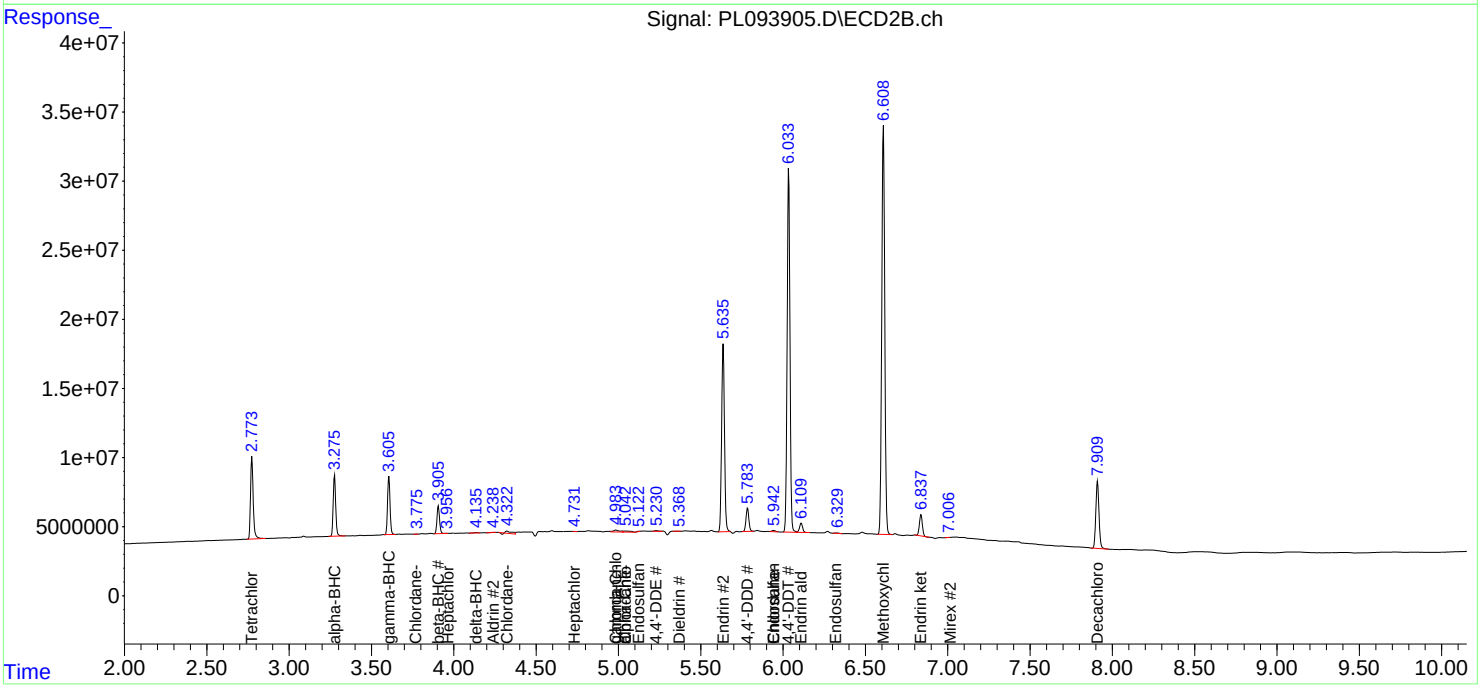
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 18:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

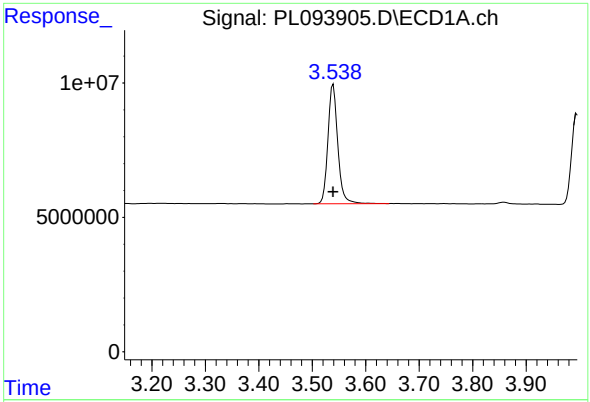
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 01:35:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



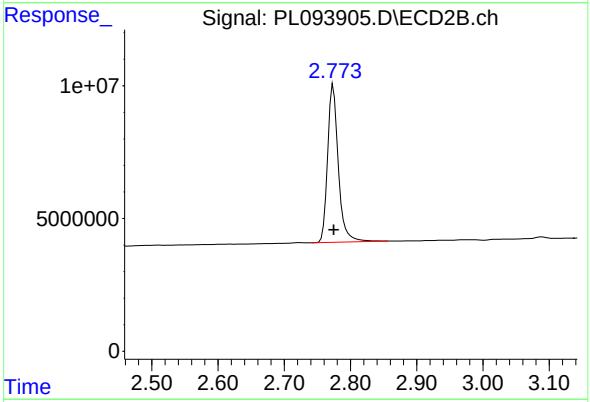




#1 Tetrachloro-m-xylene

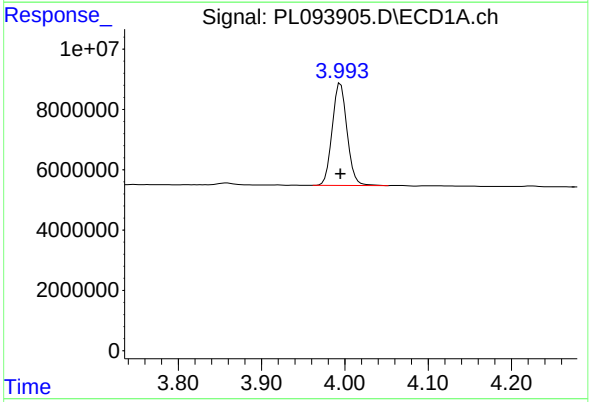
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 56904288
Conc: 21.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



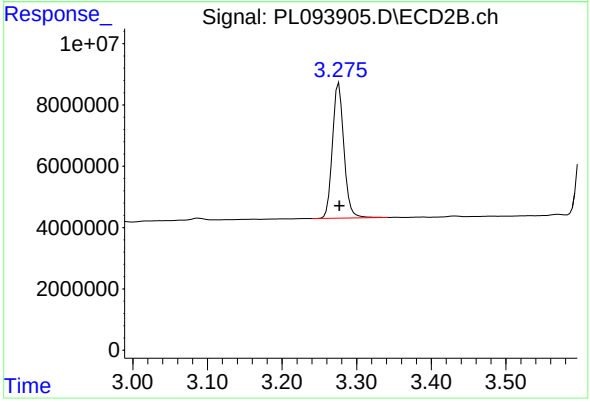
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 66667804
Conc: 20.42 ng/ml



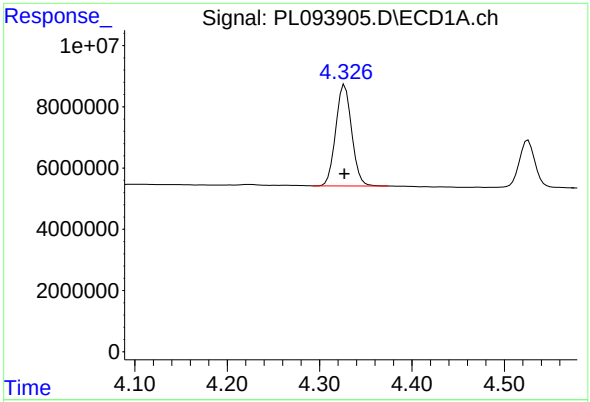
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 42056236
Conc: 10.97 ng/ml



#2 alpha-BHC

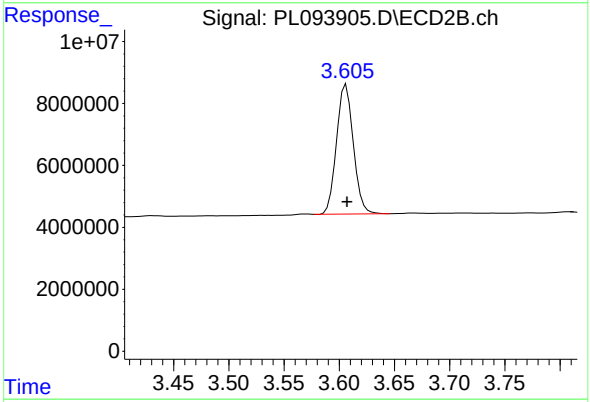
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 47132338
Conc: 9.64 ng/ml



#3 gamma-BHC (Lindane)

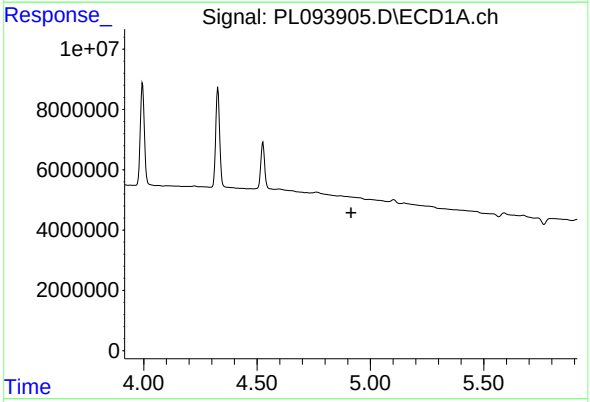
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 39670889
Conc: 10.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



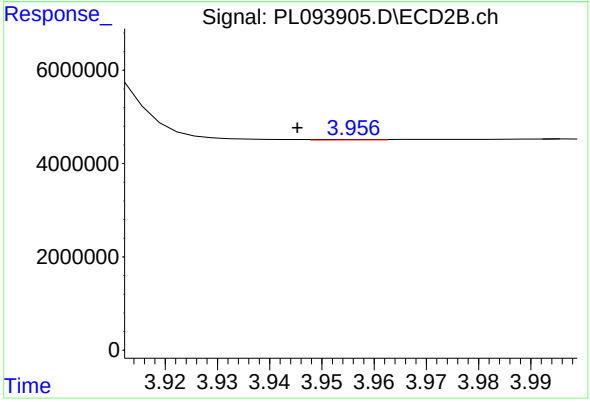
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 44327721
Conc: 9.35 ng/ml



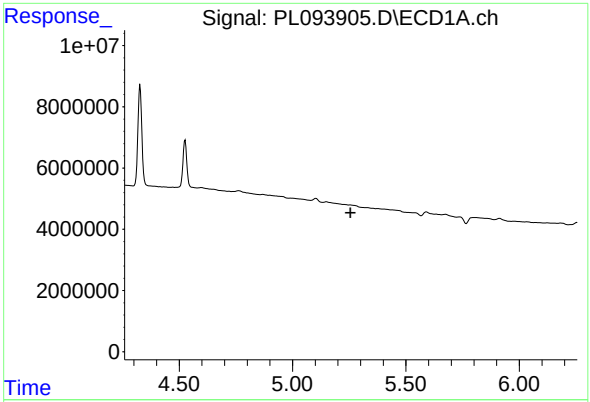
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



#4 Heptachlor

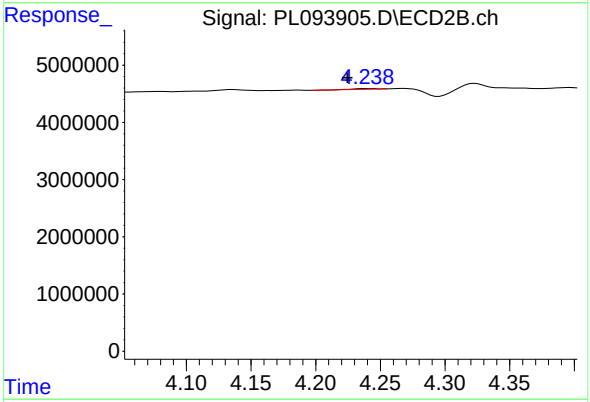
R.T.: 3.958 min
Delta R.T.: 0.012 min
Response: 85773
Conc: 0.02 ng/ml



#5 Aldrin

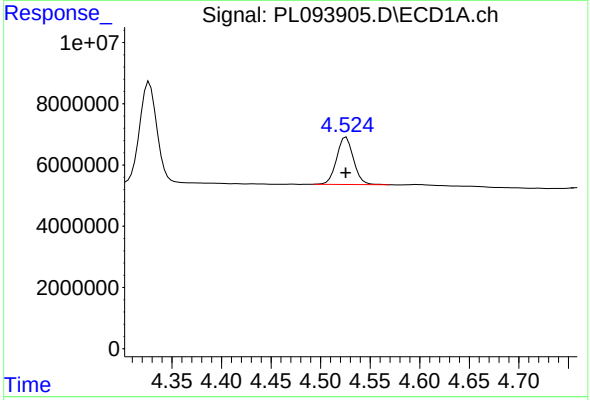
R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



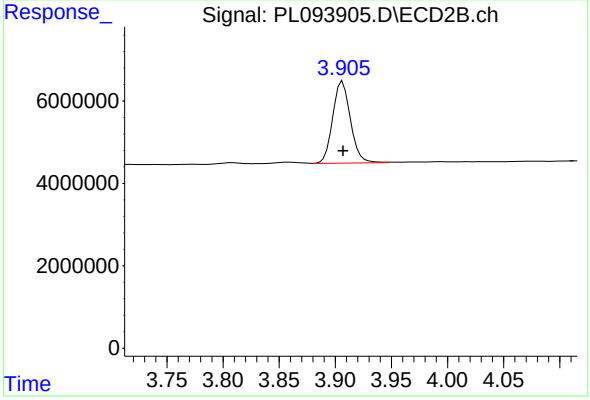
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: 0.015 min
Response: 167240
Conc: 0.04 ng/ml



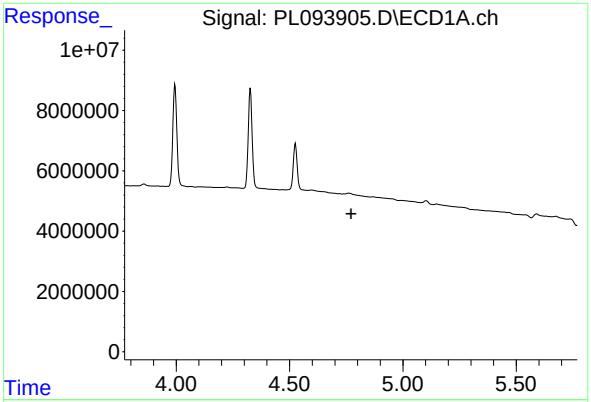
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 18268033
Conc: 11.37 ng/ml



#6 beta-BHC

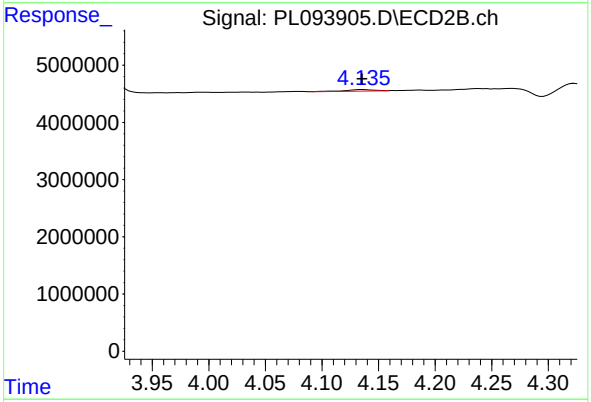
R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 21869417
Conc: 10.95 ng/ml



#7 delta-BHC

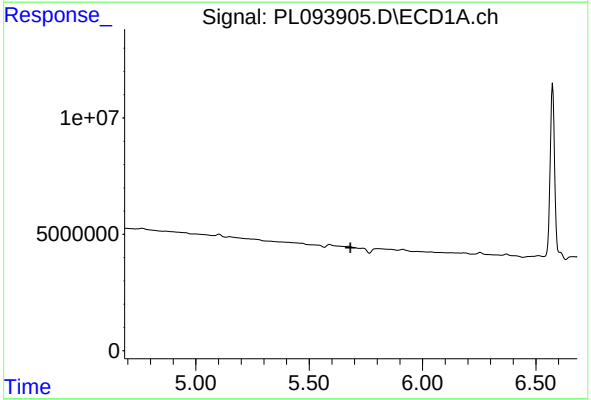
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



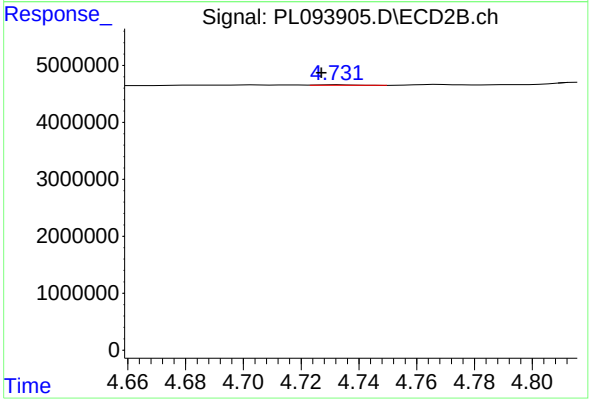
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 483292
Conc: 0.10 ng/ml



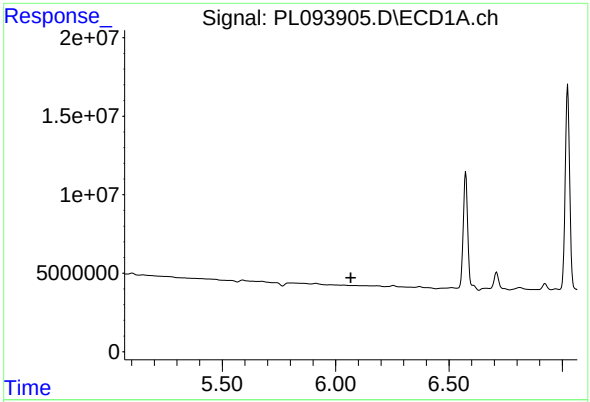
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.682 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

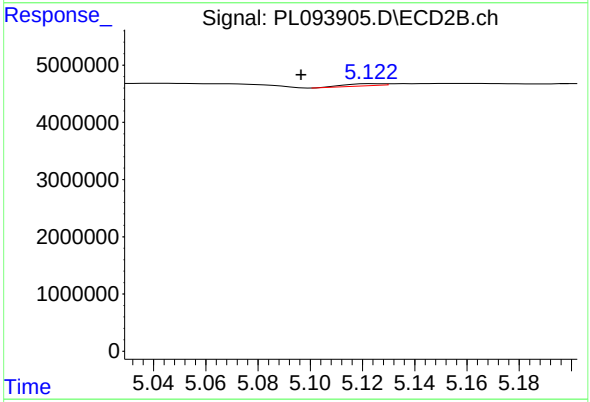
R.T.: 4.732 min
Delta R.T.: 0.005 min
Response: 67108
Conc: 0.02 ng/ml



#9 Endosulfan I

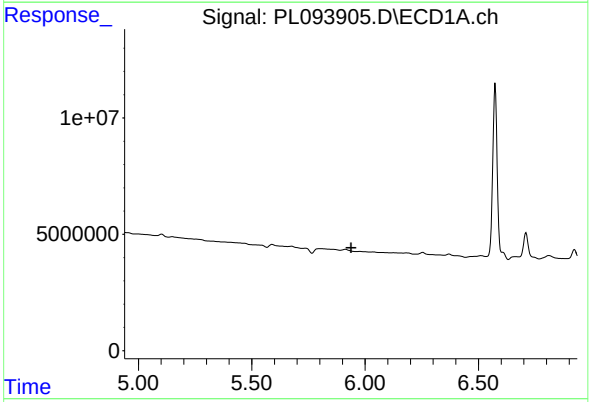
R.T.: 0.000 min
Exp R.T. : 6.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



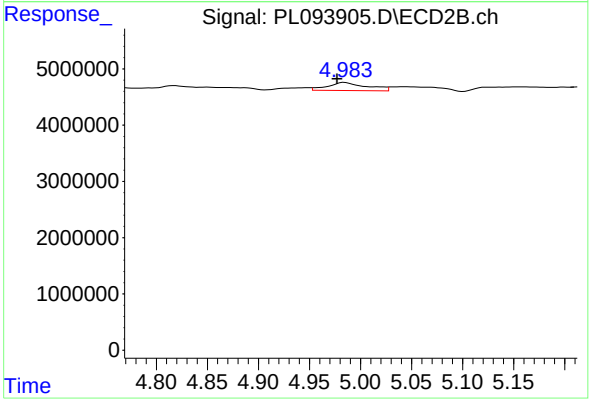
#9 Endosulfan I

R.T.: 5.124 min
Delta R.T.: 0.028 min
Response: 360148
Conc: 0.09 ng/ml



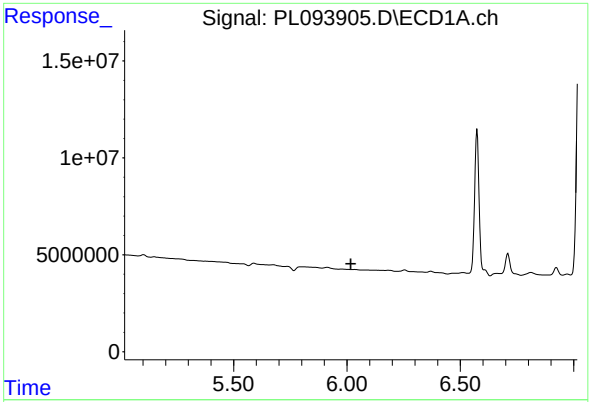
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.938 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

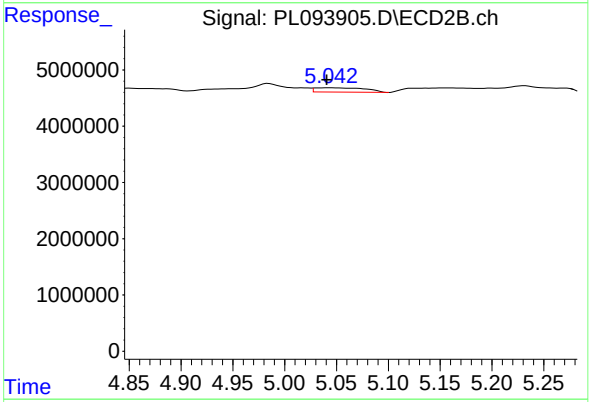
R.T.: 4.984 min
Delta R.T.: 0.007 min
Response: 3810632
Conc: 0.90 ng/ml



#11 alpha-Chlordane

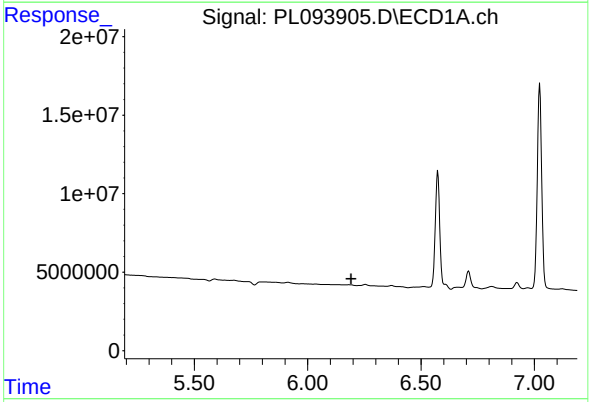
R.T.: 0.000 min
Exp R.T. : 6.017 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



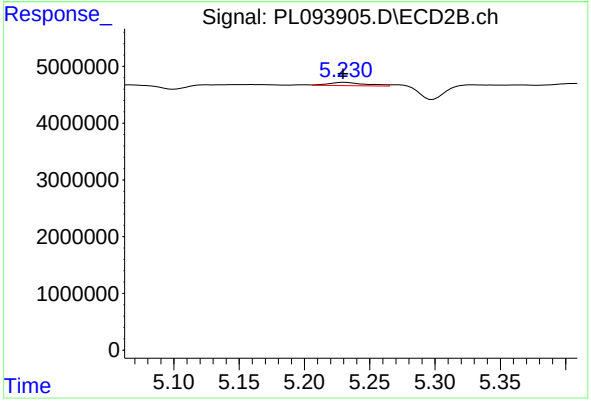
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.002 min
Response: 2606162
Conc: 0.62 ng/ml



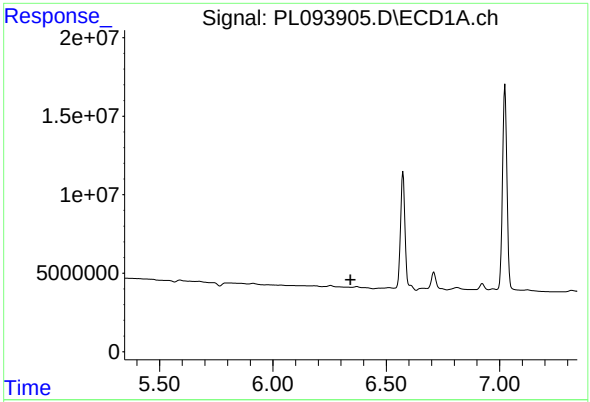
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.191 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

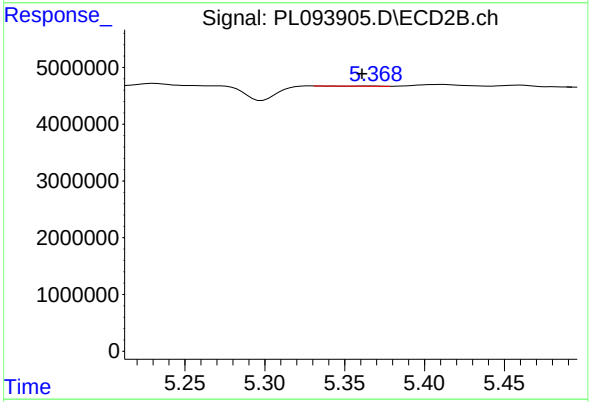
R.T.: 5.231 min
Delta R.T.: 0.001 min
Response: 1129159
Conc: 0.28 ng/ml



#13 Dieldrin

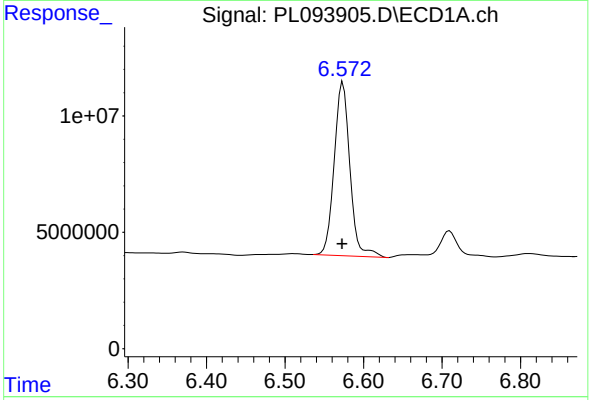
R.T.: 0.000 min
Exp R.T. : 6.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



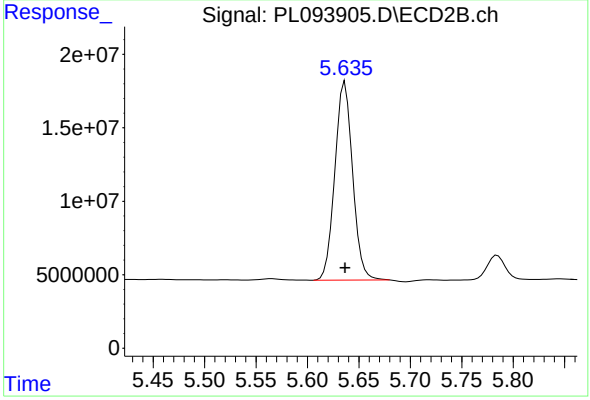
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: 0.008 min
Response: 10781
Conc: 0.00 ng/ml



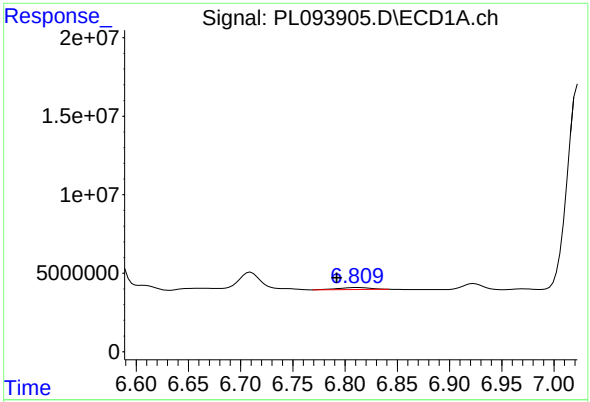
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 103969889
Conc: 44.34 ng/ml



#14 Endrin

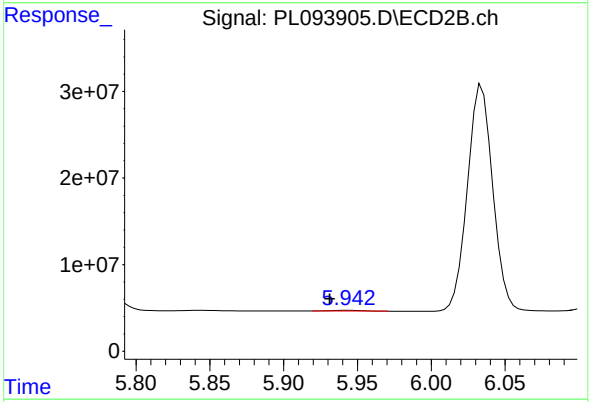
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 162299494
Conc: 43.95 ng/ml



#15 Endosulfan II

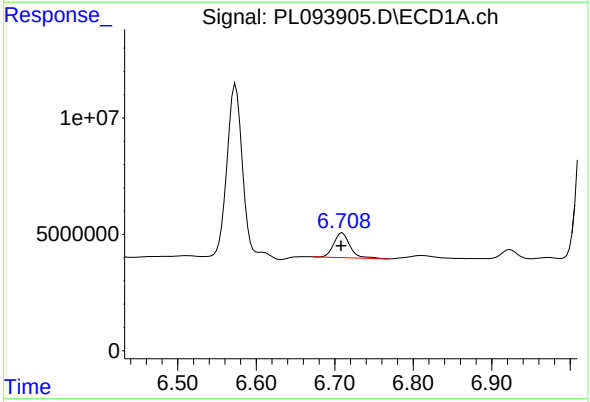
R.T.: 6.811 min
Delta R.T.: 0.019 min
Response: 2558395
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



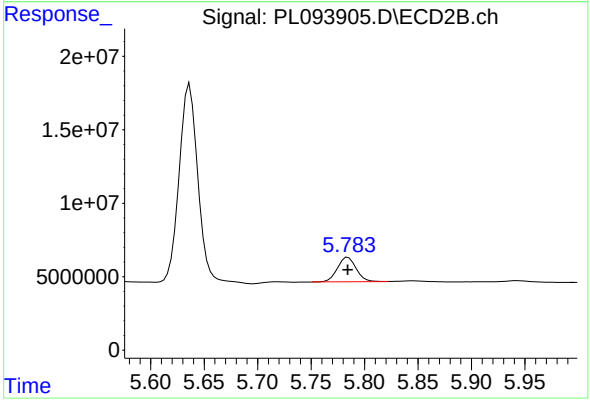
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: 0.012 min
Response: 1310185
Conc: 0.35 ng/ml



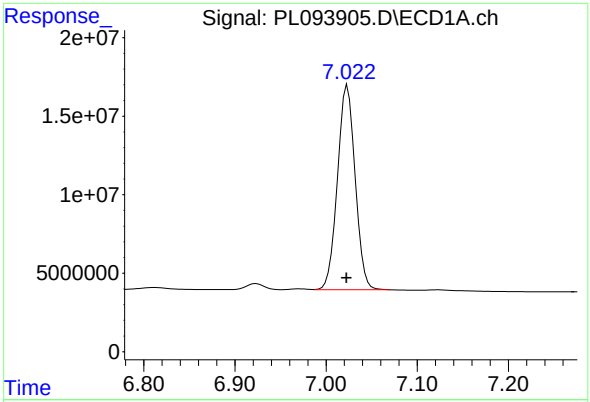
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 15334138
Conc: 8.07 ng/ml



#16 4,4'-DDD

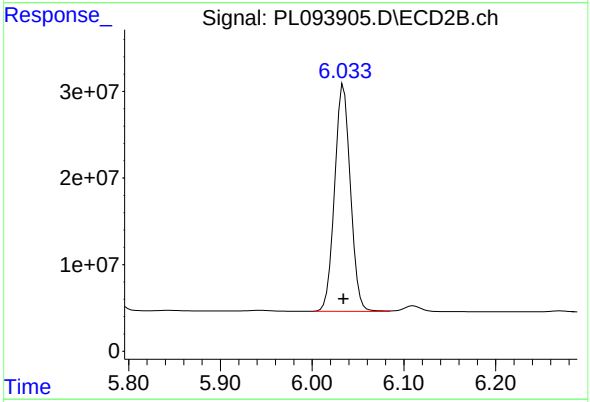
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 20333197
Conc: 6.44 ng/ml



#17 4,4'-DDT

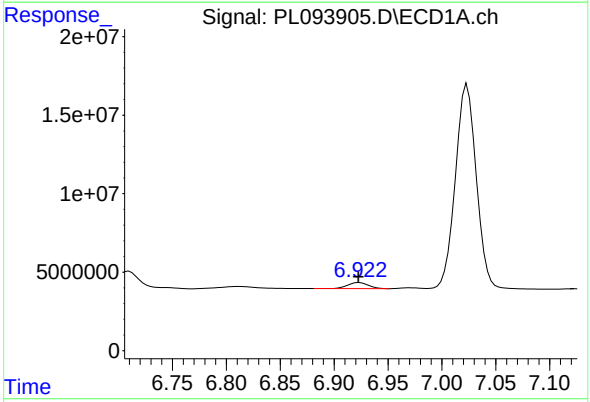
R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 175692375
Conc: 89.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



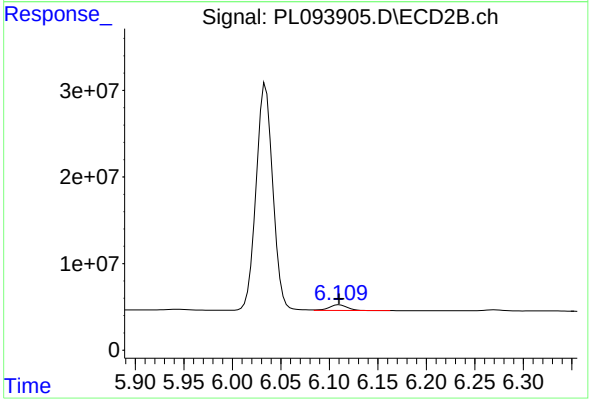
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 313744825
Conc: 96.42 ng/ml



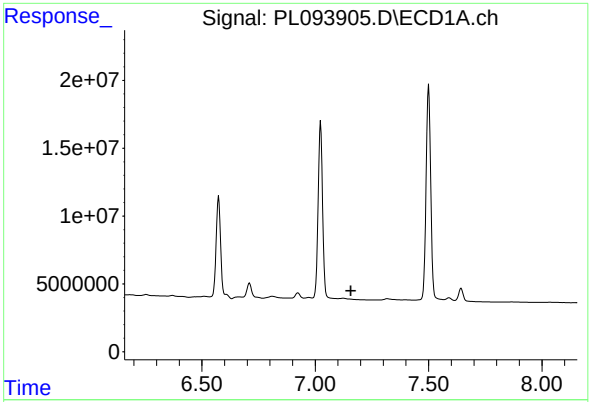
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 5223391
Conc: 2.69 ng/ml



#18 Endrin aldehyde

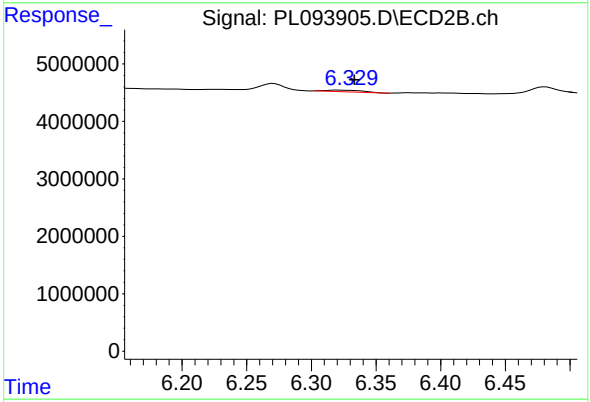
R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 8654948
Conc: 2.84 ng/ml



#19 Endosulfan Sulfate

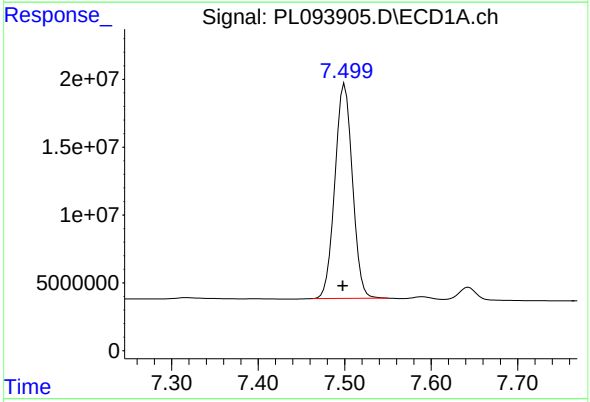
R.T.: 0.000 min
Exp R.T. : 7.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



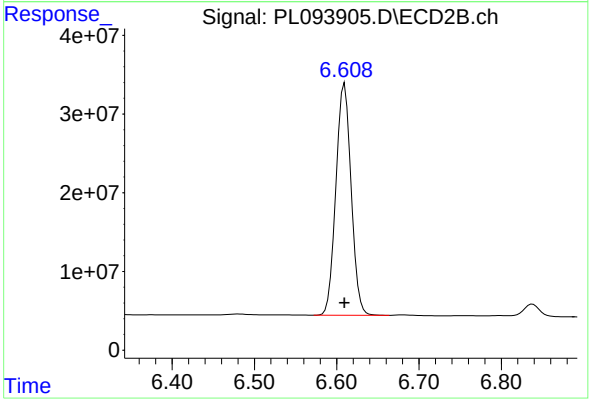
#19 Endosulfan Sulfate

R.T.: 6.321 min
Delta R.T.: -0.012 min
Response: 543237
Conc: 0.15 ng/ml



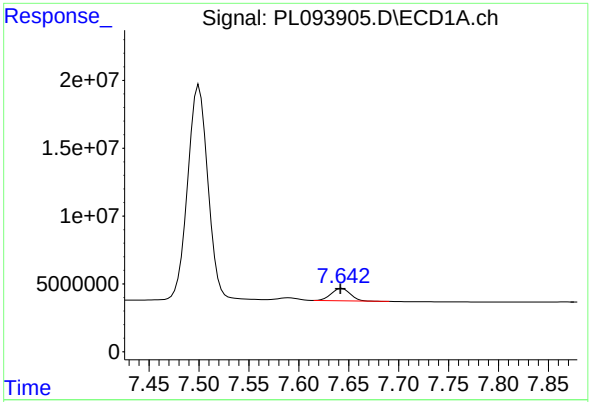
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 221819879
Conc: 212.59 ng/ml



#20 Methoxychlor

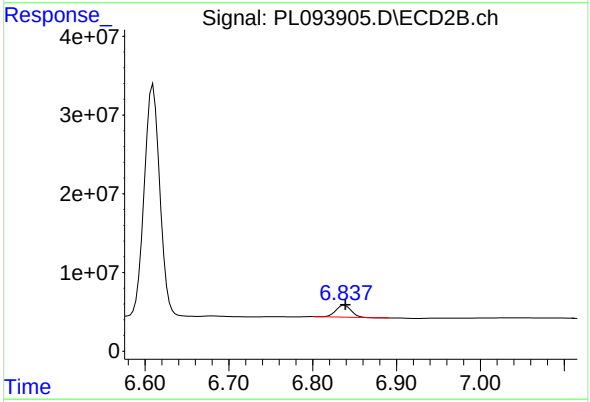
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 378800523
Conc: 211.84 ng/ml



#21 Endrin ketone

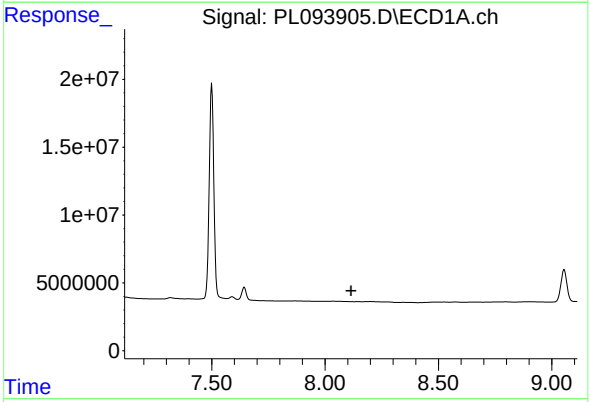
R.T.: 7.643 min
Delta R.T.: 0.002 min
Response: 12191195
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



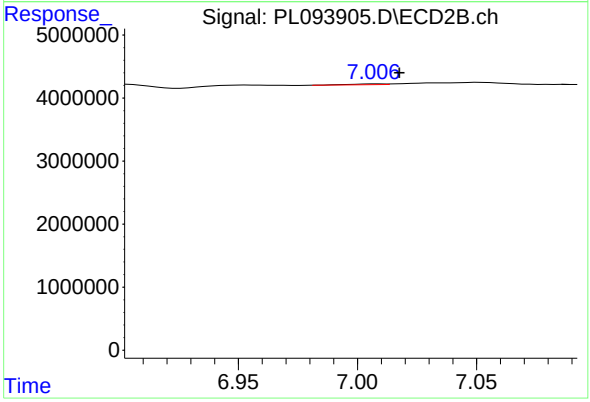
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 18987796
Conc: 4.53 ng/ml



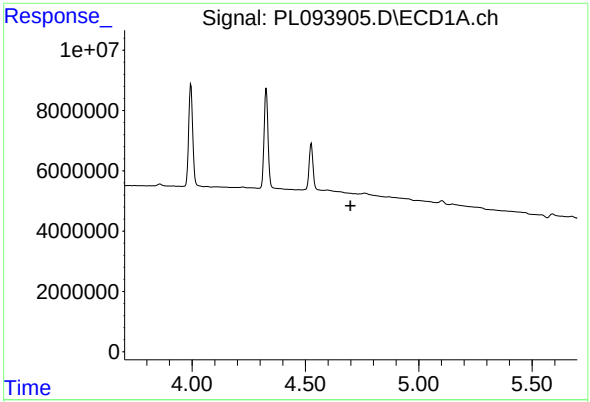
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

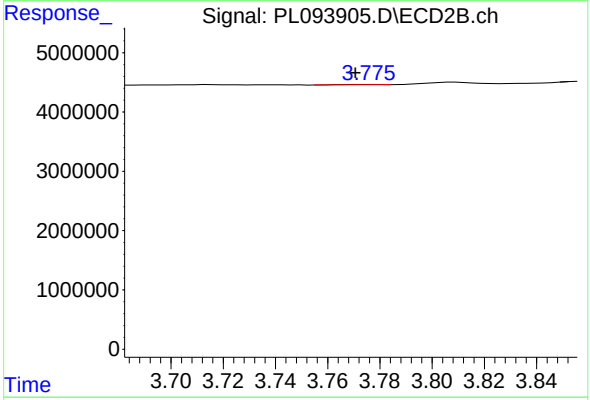
R.T.: 7.009 min
Delta R.T.: -0.009 min
Response: 112325
Conc: 0.03 ng/ml



#23 Chlordane-1

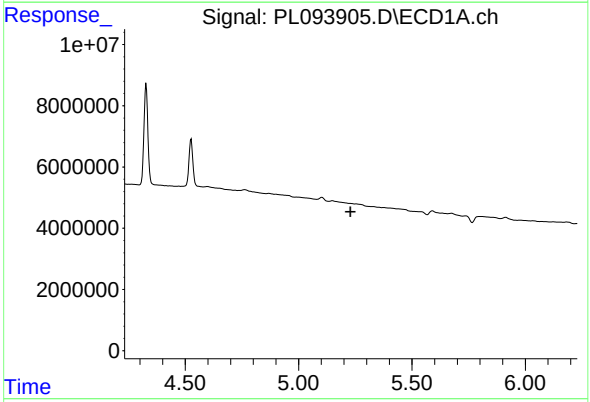
R.T.: 0.000 min
Exp R.T. : 4.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



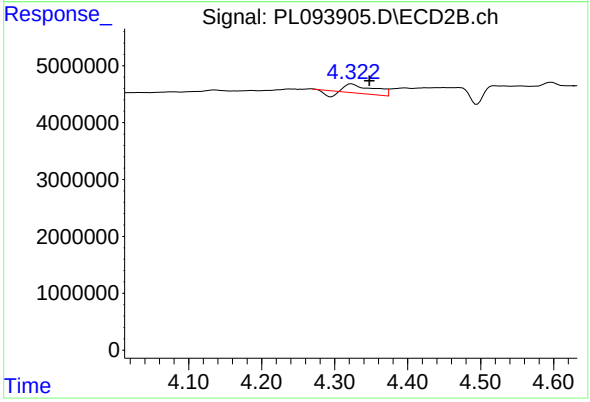
#23 Chlordane-1

R.T.: 3.773 min
Delta R.T.: 0.002 min
Response: 54191
Conc: 0.43 ng/ml



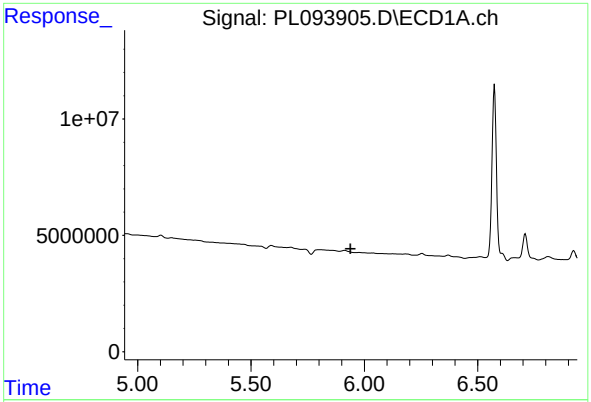
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.



#24 Chlordane-2

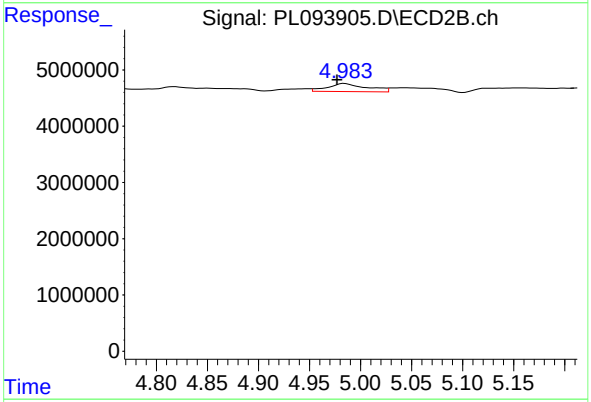
R.T.: 4.323 min
Delta R.T.: -0.024 min
Response: 3469243
Conc: 23.65 ng/ml



#25 Chlordane-3

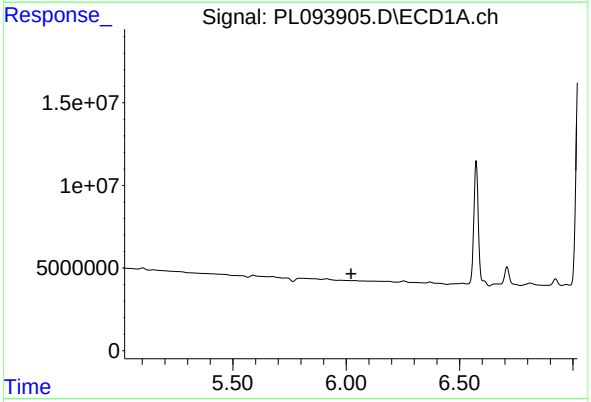
R.T.: 0.000 min
Exp R.T. : 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



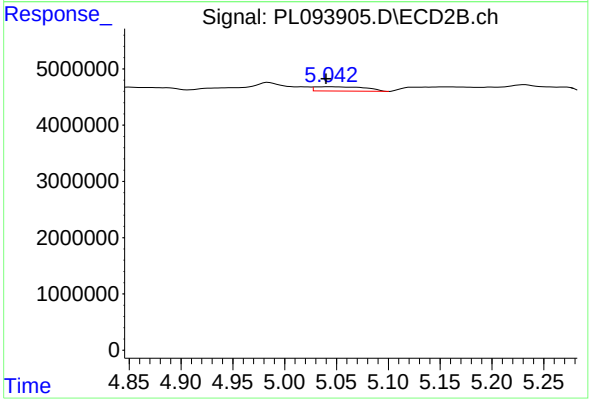
#25 Chlordane-3

R.T.: 4.984 min
Delta R.T.: 0.007 min
Response: 3810632
Conc: 8.76 ng/ml



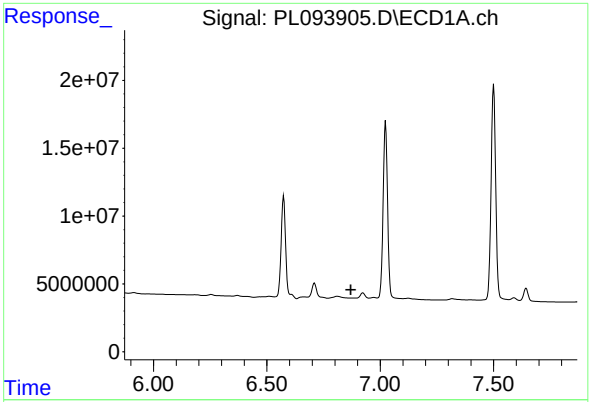
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.



#26 Chlordane-4

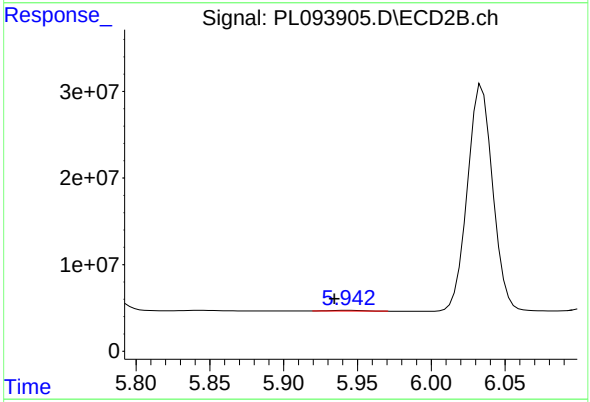
R.T.: 5.043 min
Delta R.T.: 0.003 min
Response: 2606162
Conc: 6.15 ng/ml



#27 Chlordane-5

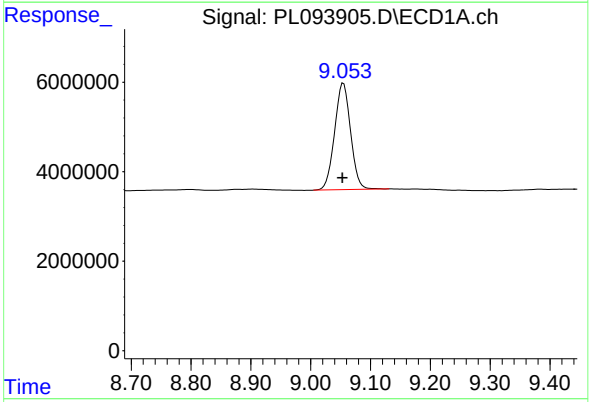
R.T.: 0.000 min
Exp R.T. : 6.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



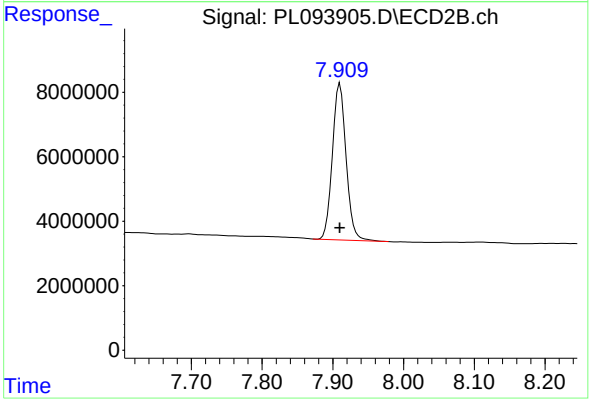
#27 Chlordane-5

R.T.: 5.943 min
Delta R.T.: 0.009 min
Response: 1310185
Conc: 8.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 44305318
Conc: 21.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 65213173
Conc: 18.61 ng/ml