Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
Data File : PL094134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2025 10:11
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: Feb 12 00:27:49 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...	3.538	2.773	66804445	80745133	24.809	24.737	
28)	SA	Decachlor...	9.054	7.908	49280791	83937995	23.558	23.954	
	Target Compounds								
2)	A	alpha-BHC	3.994	3.276	49329277	57603618	12.867	11.782	
3)	MA	gamma-BHC...	4.327	3.605	46714593	54070866	12.684	11.404	
4)	MA	Heptachlor	0.000	3.958	0	87298	N.D.	0.019	#
5)	MB	Aldrin	0.000	4.239	0	79598	N.D.	0.017	#
6)	B	beta-BHC	4.525	3.906	21488947	26353509	13.369	13.194	
7)	B	delta-BHC	0.000	4.141	0	106056	N.D.	0.022	#
8)	B	Heptachlo...	0.000	4.744f	0	99664	N.D.	0.024	#
9)	A	Endosulfan I	0.000	5.097	0	443998	N.D.	0.115	#
10)	B	gamma-Chl...	0.000	4.985	0	3613297	N.D.	0.853	#
11)	B	alpha-Chl...	0.000	5.050	0	292677	N.D.	0.070	#
12)	B	4,4'-DDE	0.000	5.229	0	431599	N.D.	0.108	#
13)	MA	Dieldrin	0.000	5.362	0	89419	N.D.	0.021	#
14)	MA	Endrin	6.573	5.635	125.4E6	218.3E6	53.462	59.122	
15)	B	Endosulfa...	6.807	5.942	4585254	1008052	1.903	0.272	#
16)	A	4,4'-DDD	6.708	5.783	10420886	10095051	5.483	3.198	#
17)	MA	4,4'-DDT	7.023	6.033	225.2E6	437.7E6	114.193	134.519	
18)	B	Endrin al...	6.922	6.109	3944687	7785046	2.029	2.557	#
19)	B	Endosulfa...	0.000	6.315f	0	387887	N.D.	0.109	#
20)	A	Methoxychlor	7.499	6.608	280.0E6	517.4E6	268.367	289.343	
21)	B	Endrin ke...	7.642	6.836	8376465	15136324	3.321	3.608	
22)		Mirex	0.000	7.027	0	230838	N.D.	0.068	#
24)		Chlordane-2	0.000	4.362	0	146448	N.D.	0.998	#
25)		Chlordane-3	0.000	4.985	0	3613297	N.D.	8.310	#
26)		Chlordane-4	0.000	5.050	0	292677	N.D.	0.691	#
27)		Chlordane-5	0.000	5.942	0	1008052	N.D.	6.582	#

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

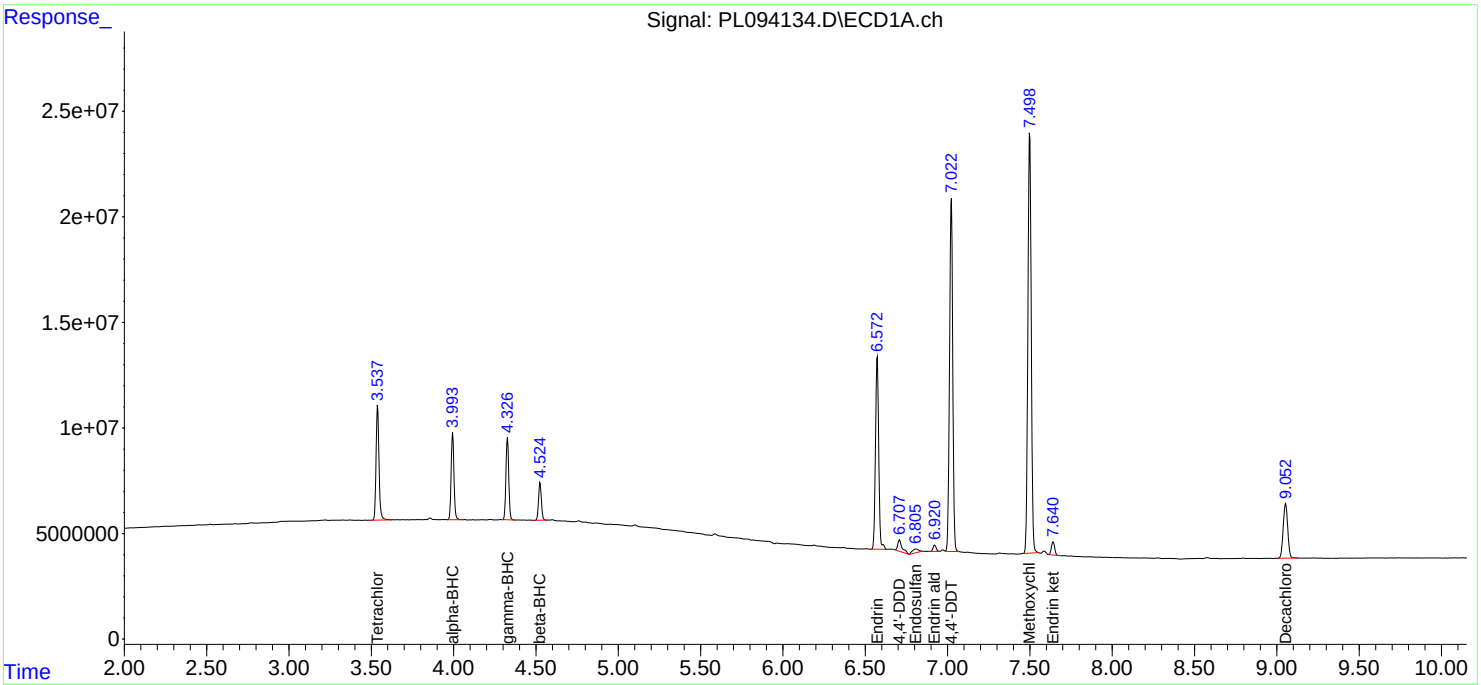
Quantitation Report (Not Reviewed)

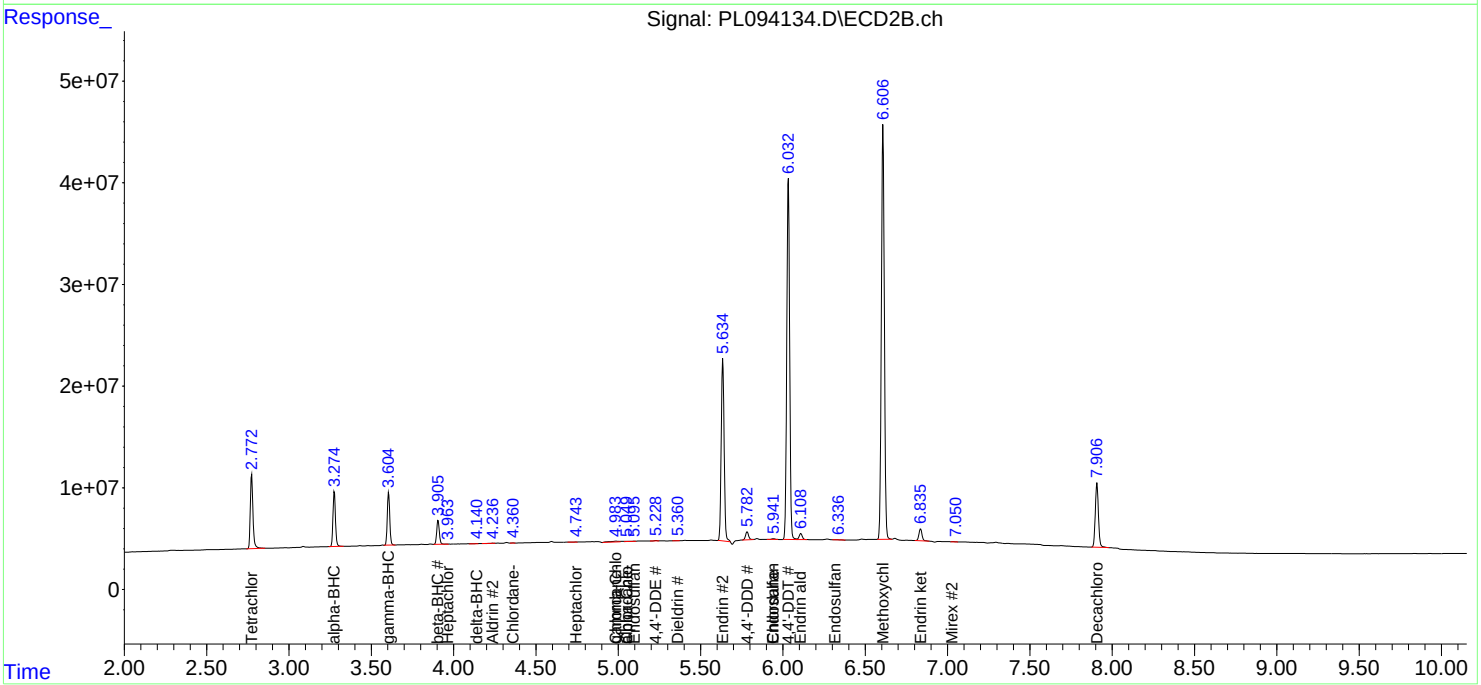
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
Data File : PL094134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2025 10:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

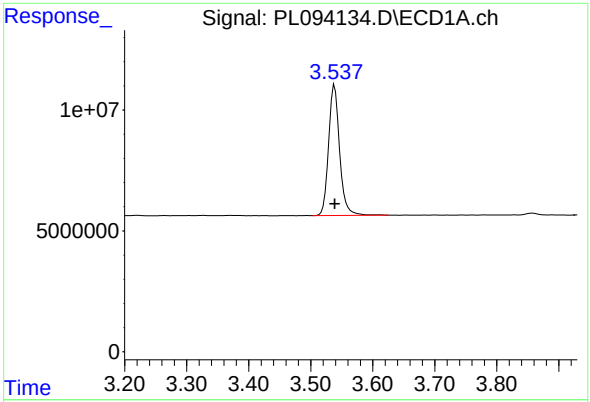
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 00:27:49 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



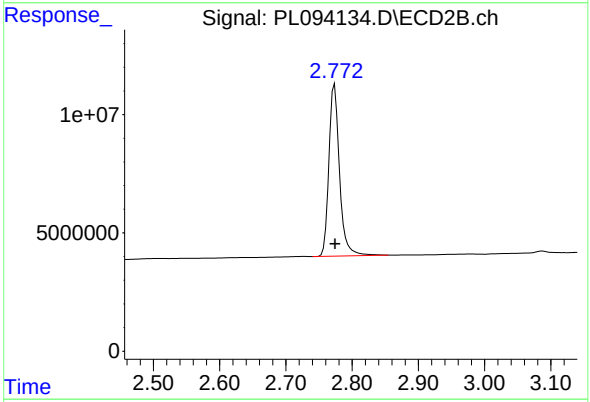




#1 Tetrachloro-m-xylene

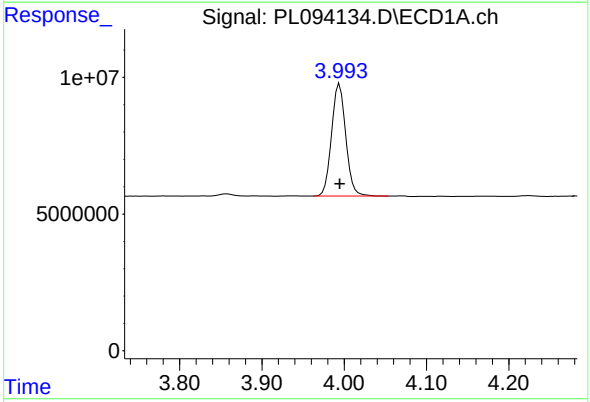
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 66804445
Conc: 24.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



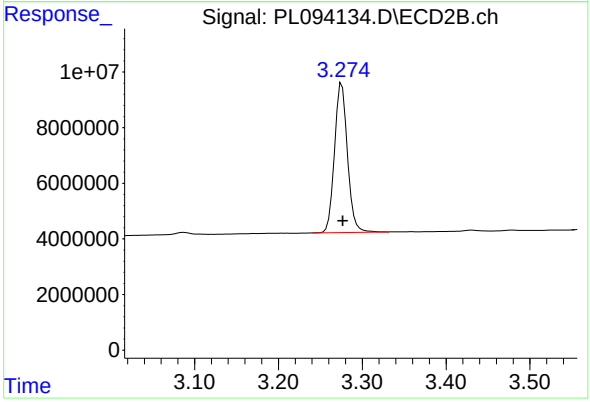
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 80745133
Conc: 24.74 ng/ml



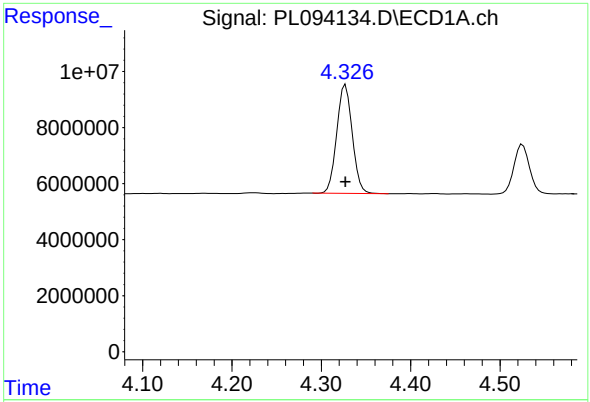
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 49329277
Conc: 12.87 ng/ml



#2 alpha-BHC

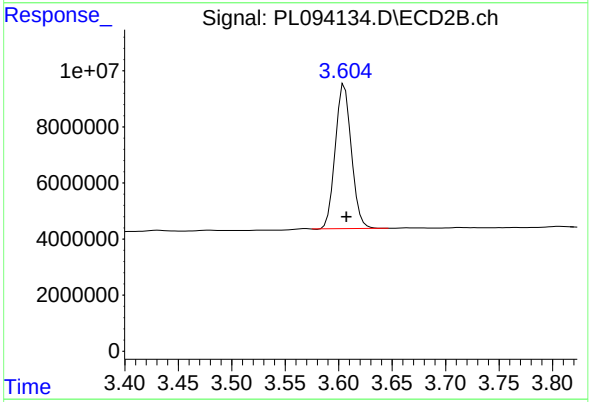
R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 57603618
Conc: 11.78 ng/ml



#3 gamma-BHC (Lindane)

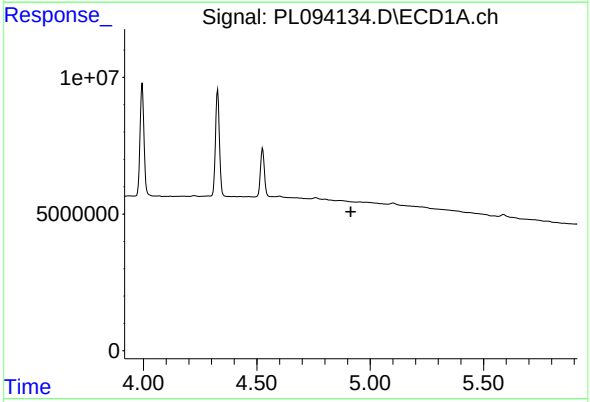
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 46714593
Conc: 12.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



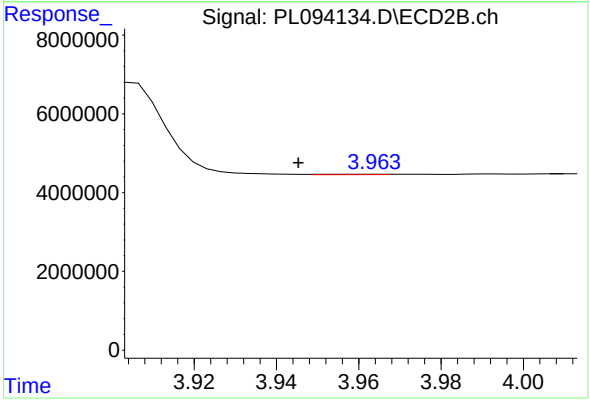
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 54070866
Conc: 11.40 ng/ml



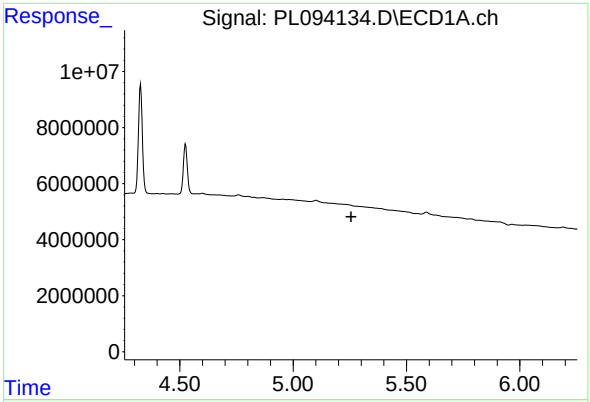
#4 Heptachlor

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



#4 Heptachlor

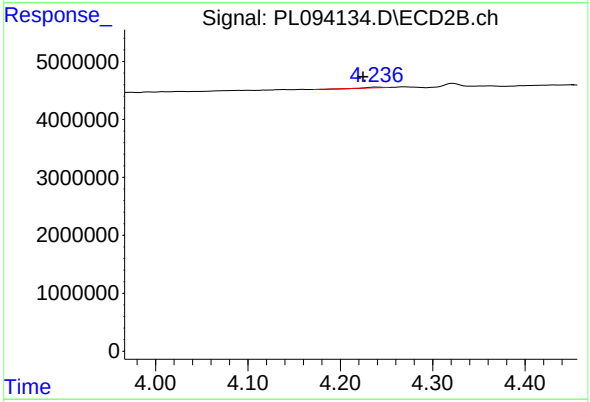
R.T.: 3.958 min
Delta R.T.: 0.012 min
Response: 87298
Conc: 0.02 ng/ml



#5 Aldrin

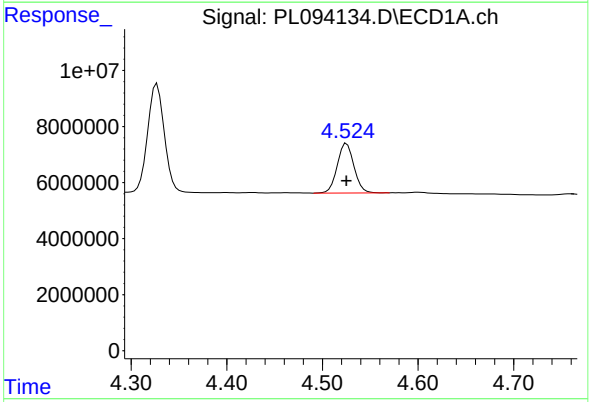
R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



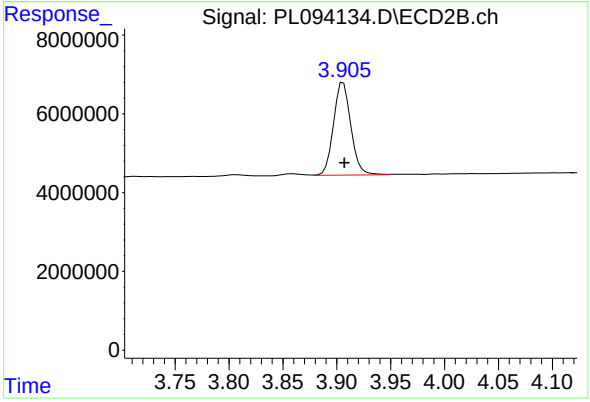
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: 0.014 min
Response: 79598
Conc: 0.02 ng/ml



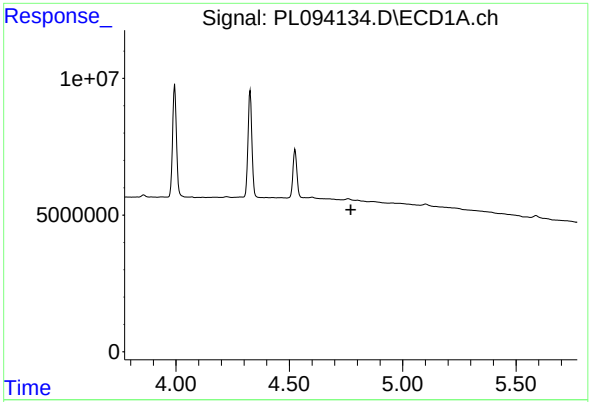
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 21488947
Conc: 13.37 ng/ml



#6 beta-BHC

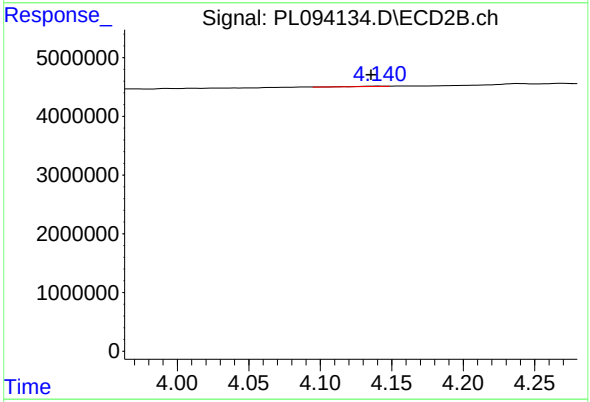
R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 26353509
Conc: 13.19 ng/ml



#7 delta-BHC

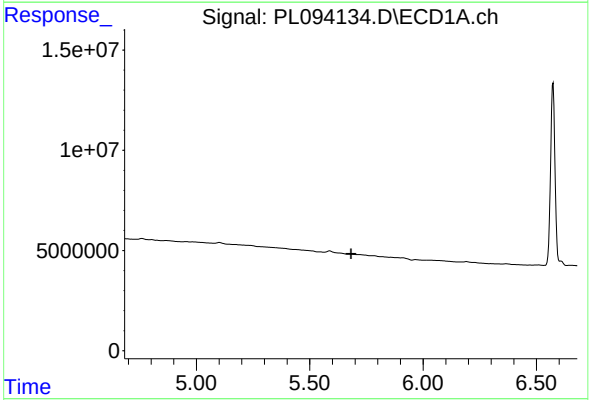
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



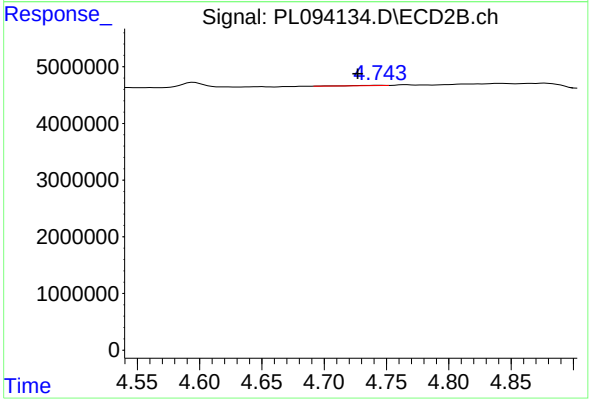
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: 0.005 min
Response: 106056
Conc: 0.02 ng/ml



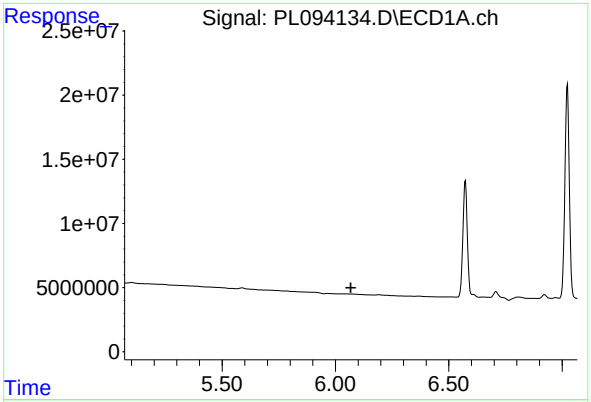
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

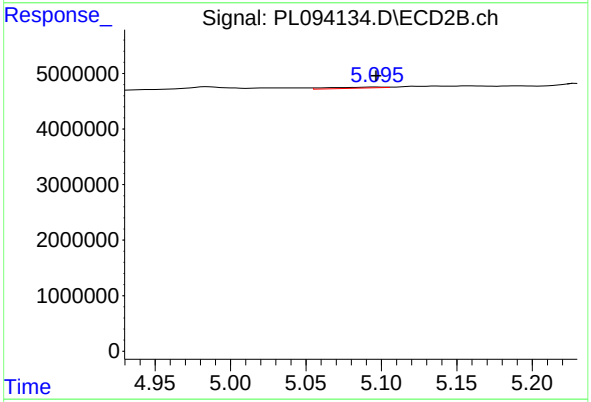
R.T.: 4.744 min
Delta R.T.: 0.017 min
Response: 99664
Conc: 0.02 ng/ml



#9 Endosulfan I

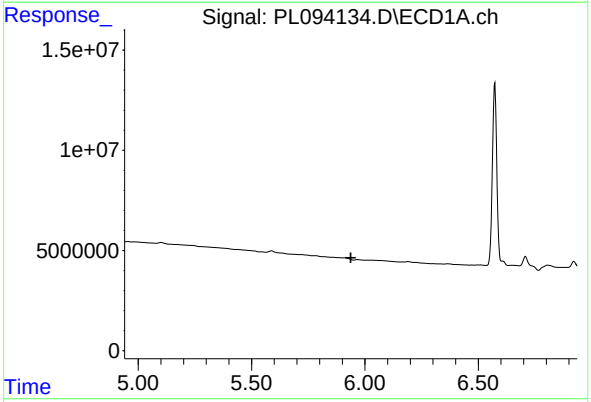
R.T.: 0.000 min
Exp R.T. : 6.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



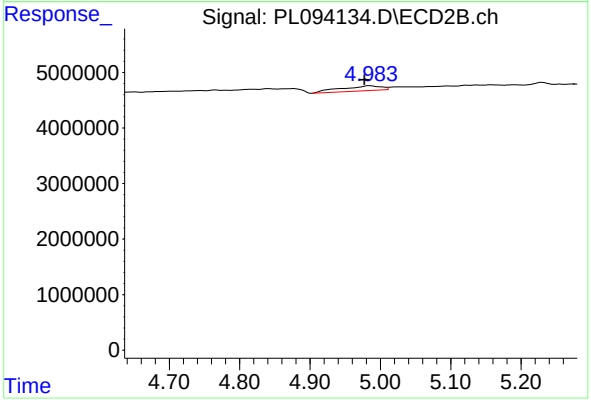
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 443998
Conc: 0.11 ng/ml



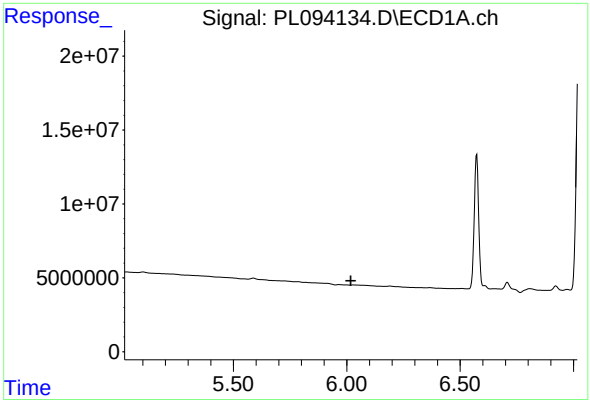
#10 gamma-Chlordane

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



#10 gamma-Chlordane

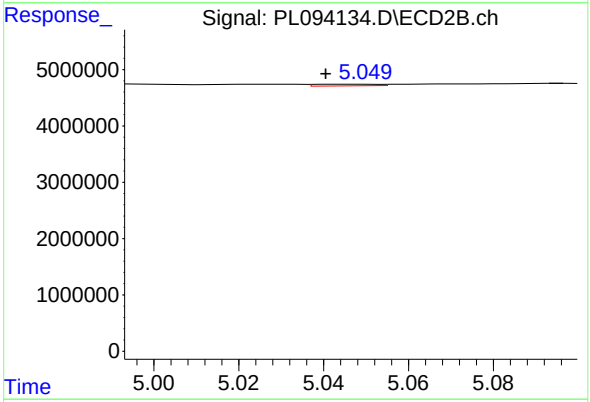
R.T.: 4.985 min
Delta R.T.: 0.008 min
Response: 3613297
Conc: 0.85 ng/ml



#11 alpha-Chlordane

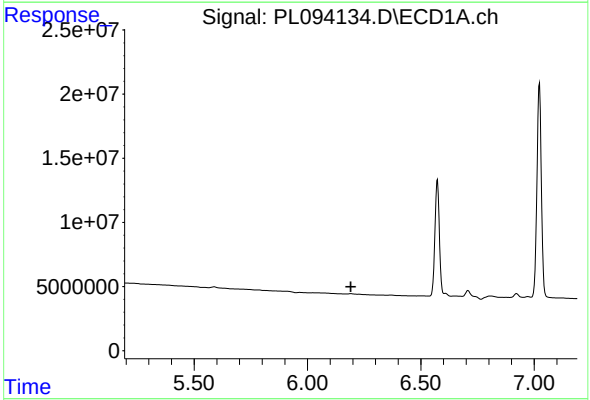
R.T.: 0.000 min
Exp R.T. : 6.017 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



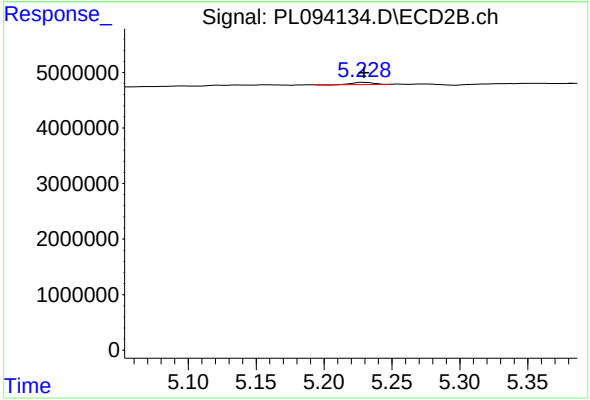
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.010 min
Response: 292677
Conc: 0.07 ng/ml



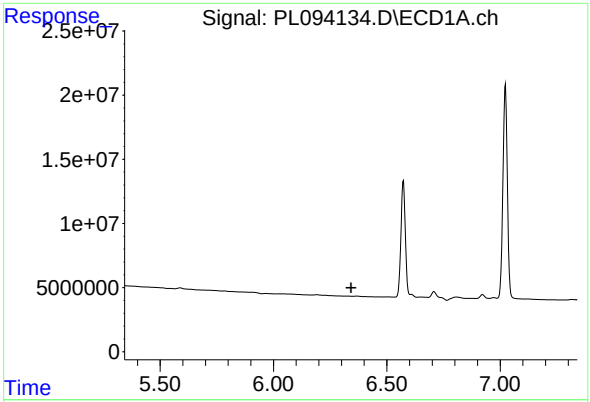
#12 4,4'-DDE

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



#12 4,4'-DDE

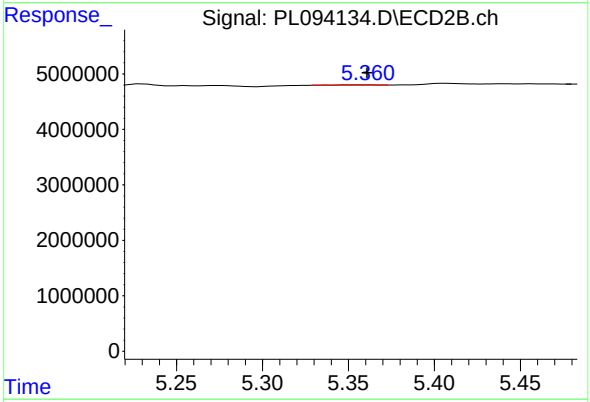
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 431599
Conc: 0.11 ng/ml



#13 Dieldrin

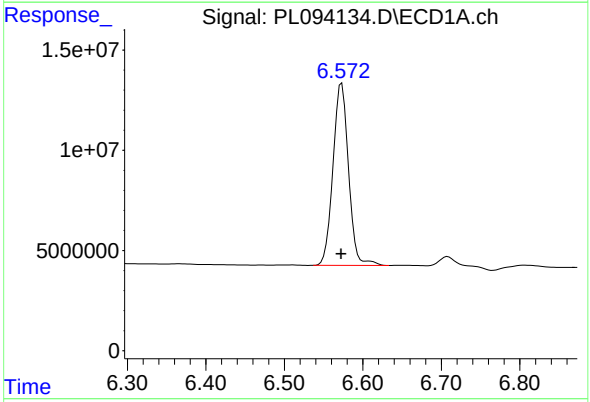
R.T.: 0.000 min
Exp R.T. : 6.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



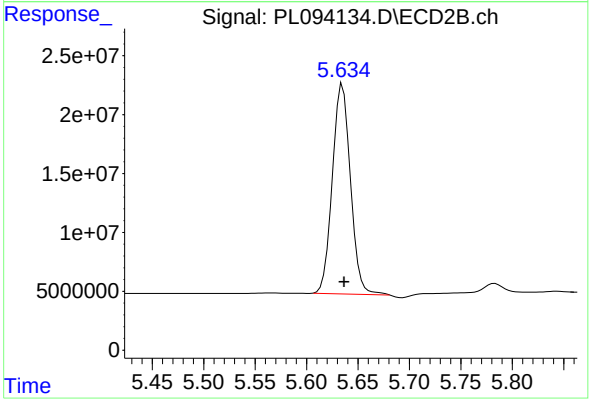
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 89419
Conc: 0.02 ng/ml



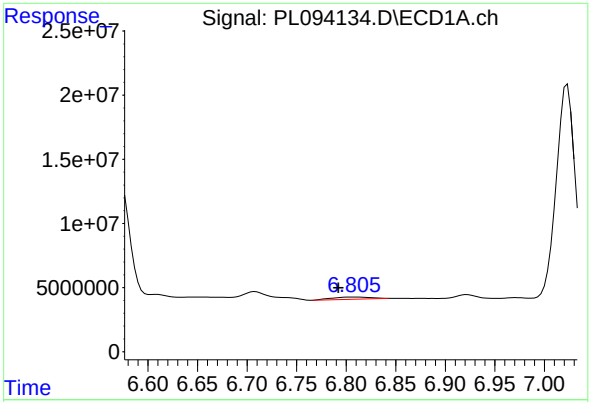
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 125357499
Conc: 53.46 ng/ml



#14 Endrin

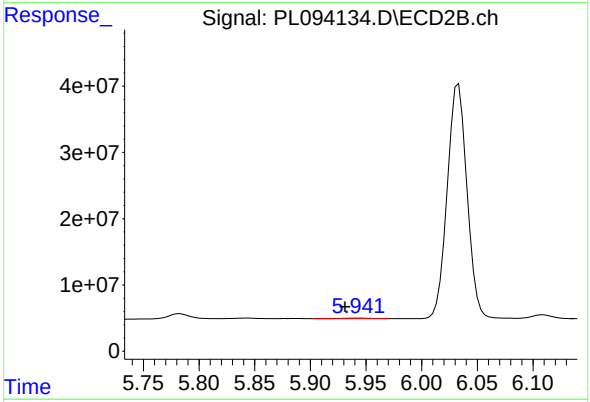
R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 218318671
Conc: 59.12 ng/ml



#15 Endosulfan II

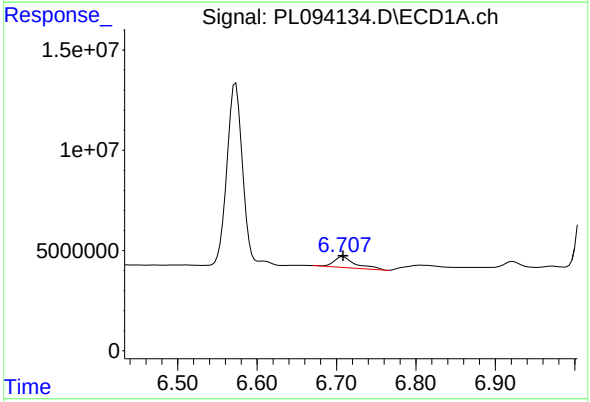
R.T.: 6.807 min
Delta R.T.: 0.015 min
Response: 4585254
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



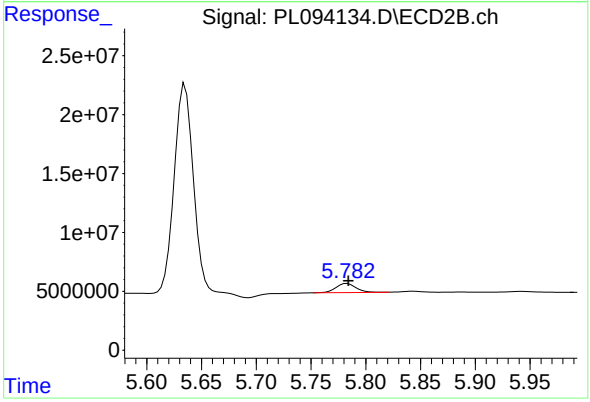
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.011 min
Response: 1008052
Conc: 0.27 ng/ml



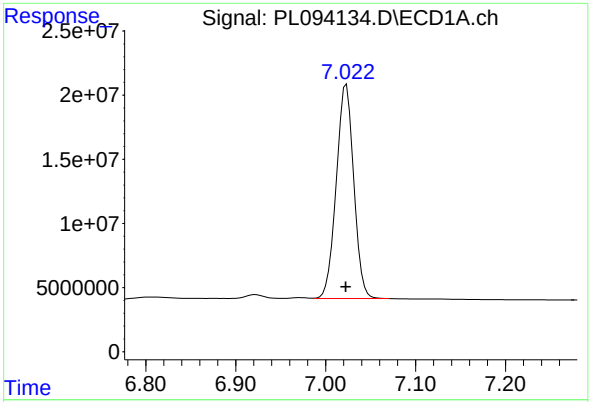
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 10420886
Conc: 5.48 ng/ml



#16 4,4'-DDD

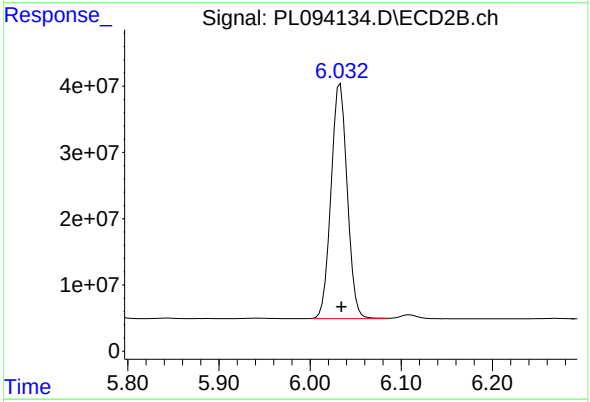
R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 10095051
Conc: 3.20 ng/ml



#17 4,4'-DDT

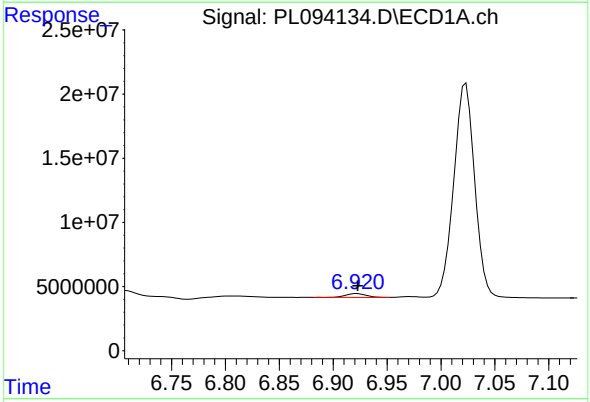
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 225195218
Conc: 114.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



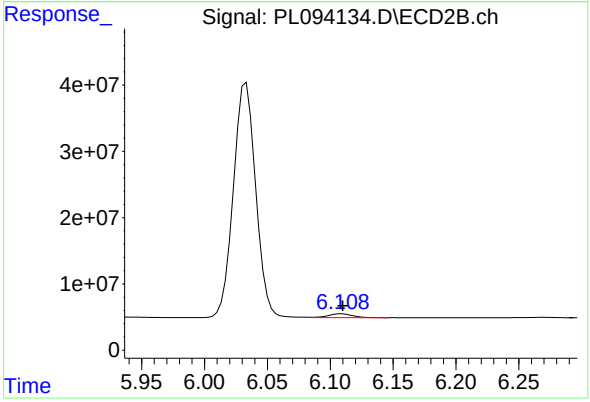
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 437731433
Conc: 134.52 ng/ml



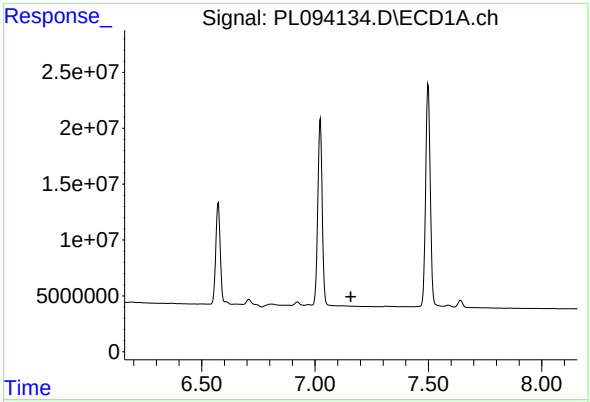
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 3944687
Conc: 2.03 ng/ml



#18 Endrin aldehyde

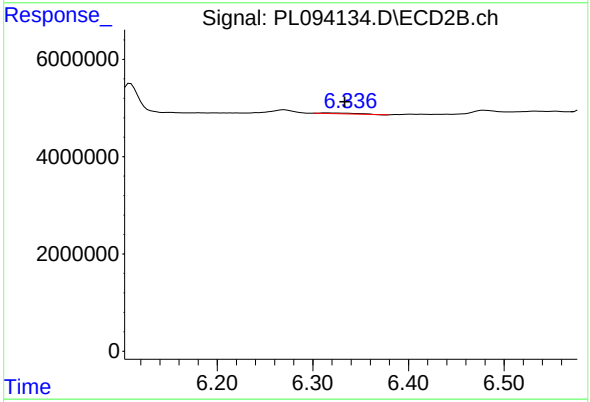
R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 7785046
Conc: 2.56 ng/ml



#19 Endosulfan Sulfate

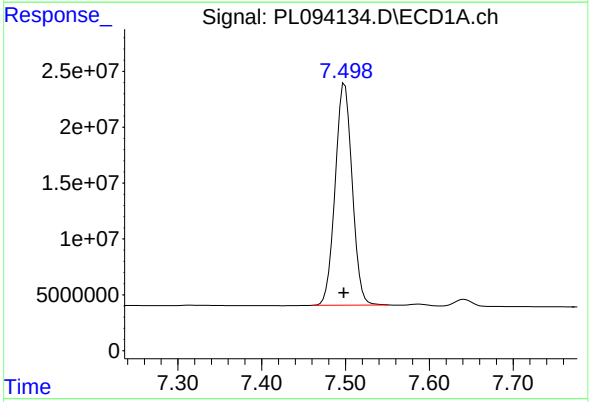
R.T.: 0.000 min
Exp R.T. : 7.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



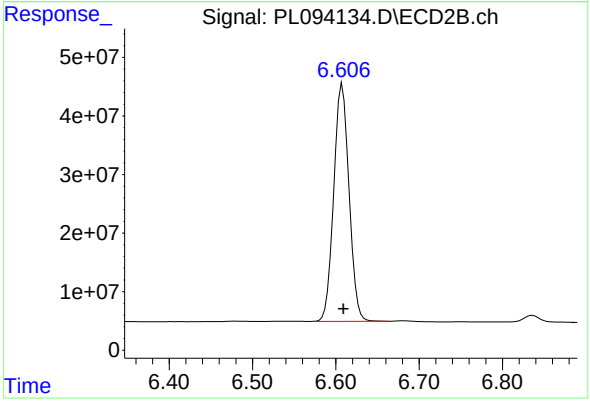
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: -0.018 min
Response: 387887
Conc: 0.11 ng/ml



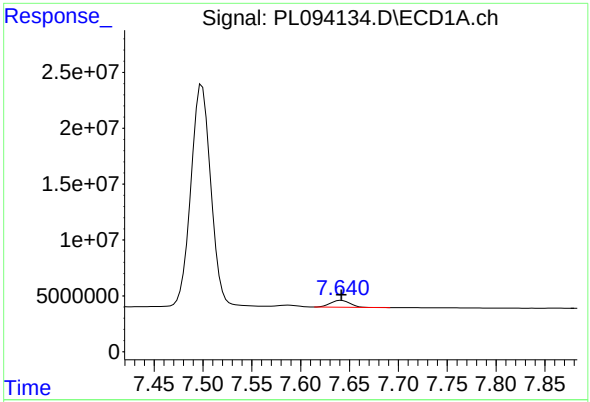
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 280012938
Conc: 268.37 ng/ml



#20 Methoxychlor

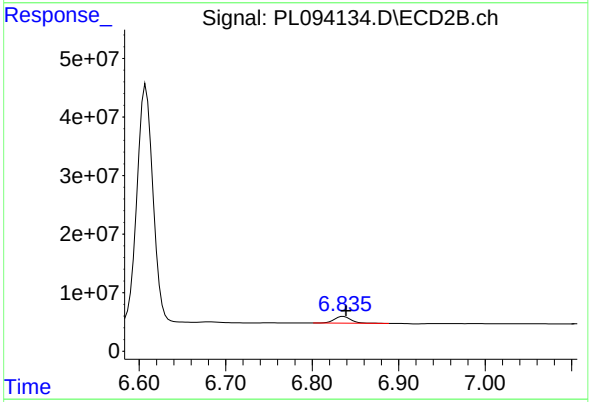
R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 517384494
Conc: 289.34 ng/ml



#21 Endrin ketone

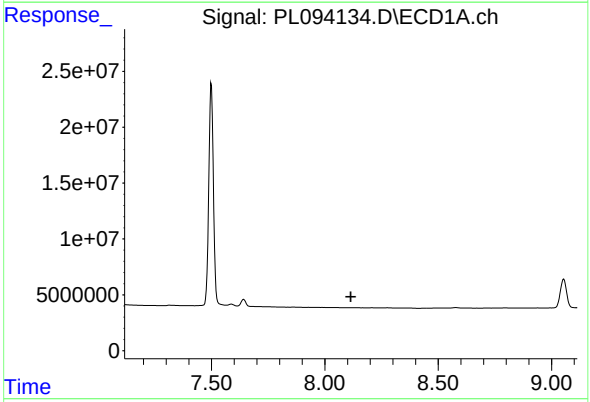
R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 8376465
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



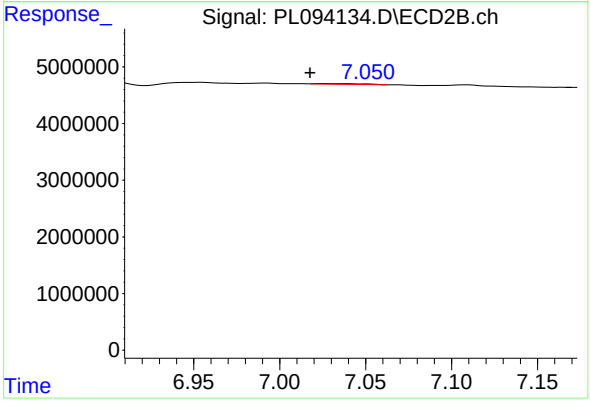
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 15136324
Conc: 3.61 ng/ml



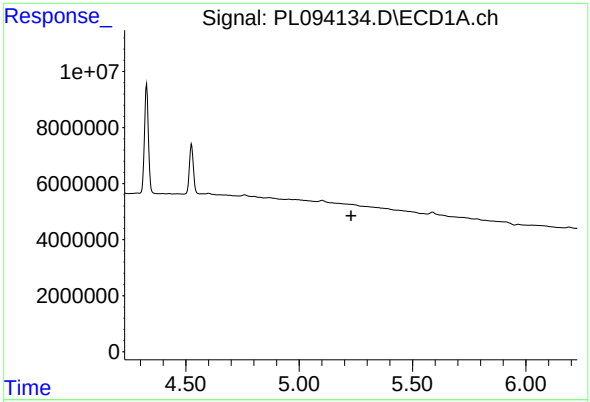
#22 Mirex

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



#22 Mirex

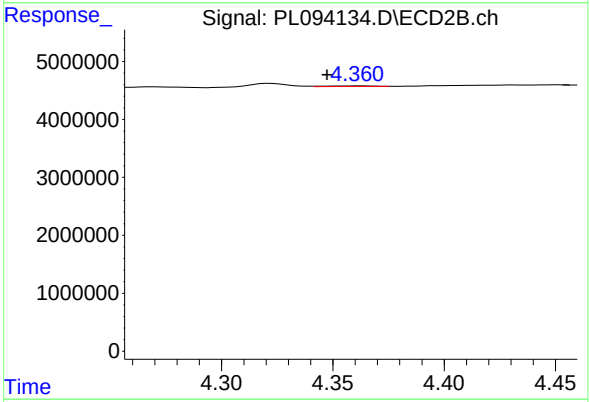
R.T.: 7.027 min
Delta R.T.: 0.009 min
Response: 230838
Conc: 0.07 ng/ml



#24 Chlordane-2

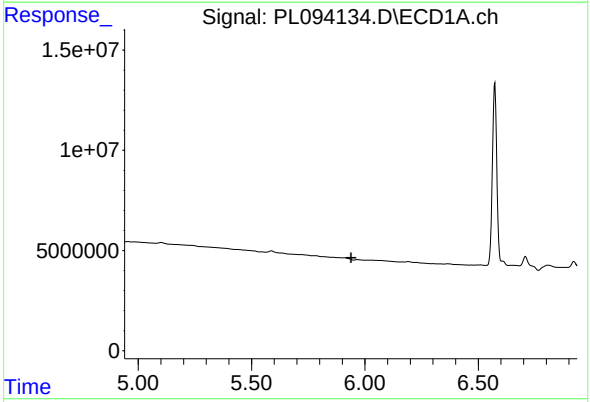
R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



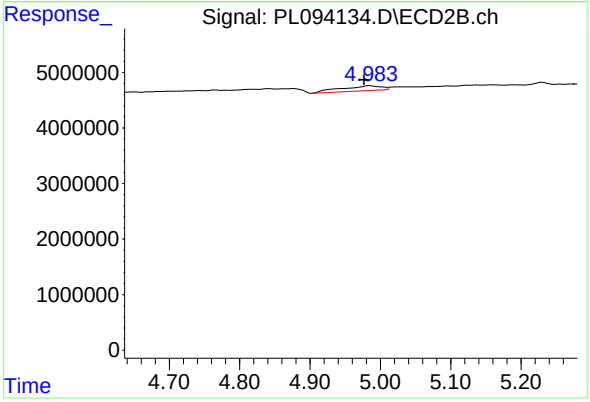
#24 Chlordane-2

R.T.: 4.362 min
Delta R.T.: 0.015 min
Response: 146448
Conc: 1.00 ng/ml



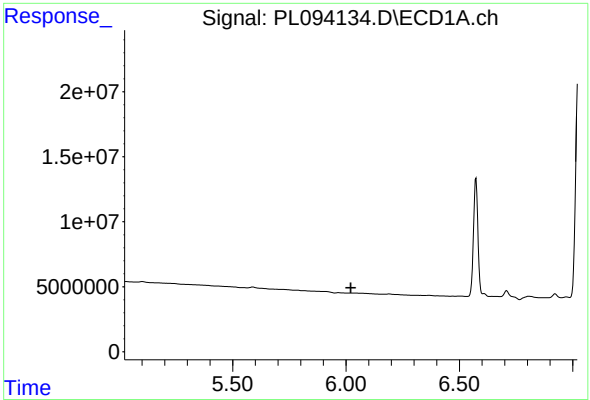
#25 Chlordane-3

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



#25 Chlordane-3

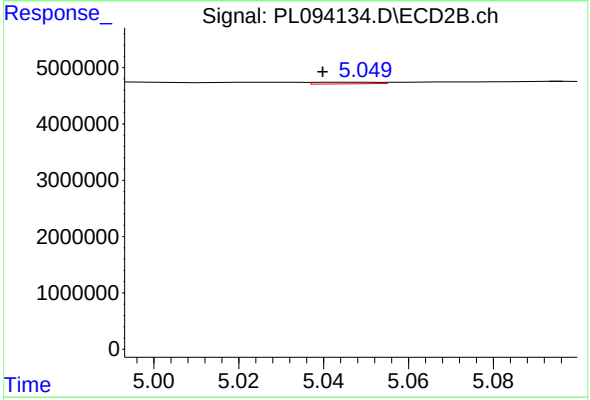
R.T.: 4.985 min
Delta R.T.: 0.008 min
Response: 3613297
Conc: 8.31 ng/ml



#26 Chlordane-4

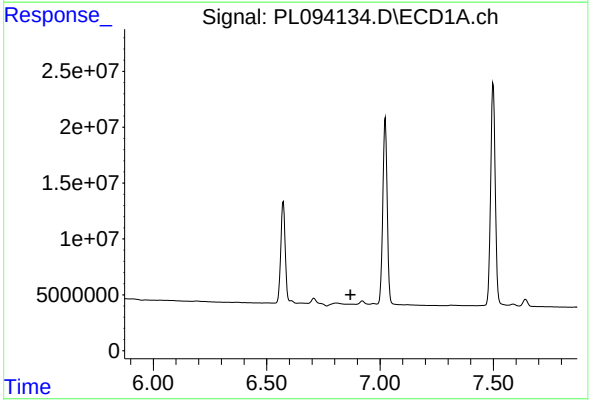
R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



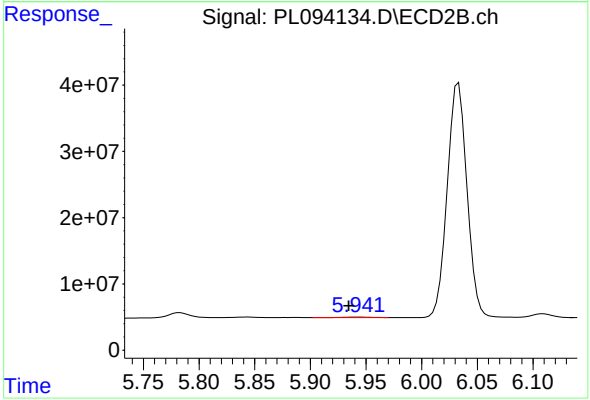
#26 Chlordane-4

R.T.: 5.050 min
Delta R.T.: 0.010 min
Response: 292677
Conc: 0.69 ng/ml



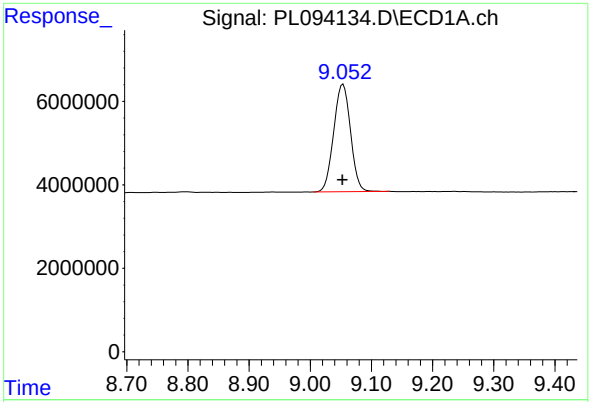
#27 Chlordane-5

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



#27 Chlordane-5

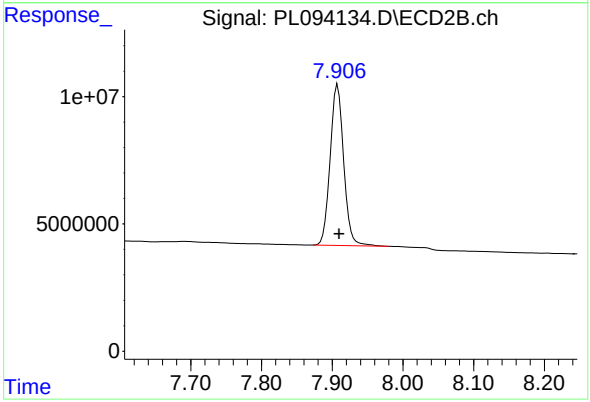
R.T.: 5.942 min
Delta R.T.: 0.008 min
Response: 1008052
Conc: 6.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 49280791
Conc: 23.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 83937995
Conc: 23.95 ng/ml