Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
Data File : PL094240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2025 09:50
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 19 00:29:04 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...	3.540	2.773	48770108	59239546	18.112	18.149	
28)	SA Decachlor...	9.054	7.907	39353364	61061447	18.812	17.426	
	Target Compounds							
2)	A alpha-BHC	3.995	3.275	36270725	42111422	9.461	8.614	
3)	MA gamma-BHC...	4.328	3.605	34857587	39403599	9.465	8.311	
4)	MA Heptachlor	0.000	3.969f	0	83145	N.D.	0.018	#
5)	MB Aldrin	0.000	4.236	0	825398	N.D.	0.181	#
6)	B beta-BHC	4.527	3.905	15455996	19792882	9.616	9.909	
7)	B delta-BHC	0.000	4.132	0	175511	N.D.	0.037	#
8)	B Heptachlo...	5.682	4.723	3439581	75835	1.157	0.018	#
10)	B gamma-Chl...	0.000	4.984	0	7264273	N.D.	1.714	#
11)	B alpha-Chl...	0.000	5.038	0	7206186	N.D.	1.721	#
12)	B 4,4'-DDE	0.000	5.229	0	7570106	N.D.	1.888	#
13)	MA Dieldrin	0.000	5.368	0	208534	N.D.	0.049	#
14)	MA Endrin	6.574	5.635	103.5E6	153.2E6	44.134	41.478	
15)	B Endosulfa...	0.000	5.943	0	1392849	N.D.	0.376	#
16)	A 4,4'-DDD	6.710	5.782	6335049	9098757	3.333	2.883	
17)	MA 4,4'-DDT	7.024	6.032	167.7E6	303.6E6	85.040	93.312	
18)	B Endrin al...	6.924	6.108	3506040	5729686	1.803	1.882	
19)	B Endosulfa...	0.000	6.319	0	254455	N.D.	0.071	#
20)	A Methoxychlor	7.501	6.607	207.8E6	346.6E6	199.203	193.807	
21)	B Endrin ke...	7.643	6.836	7478487	10907764	2.965	2.600	
22)	Mirex	0.000	7.023	0	306921	N.D.	0.091	#
23)	Chlordane-1	0.000	3.762	0	21120	N.D.	0.169	#
24)	Chlordane-2	0.000	4.361	0	5539475	N.D.	37.755	#
25)	Chlordane-3	0.000	4.984	0	7264273	N.D.	16.706	#
26)	Chlordane-4	0.000	5.038	0	7206186	N.D.	17.009	#
27)	Chlordane-5	0.000	5.943	0	1392849	N.D.	9.094	#

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

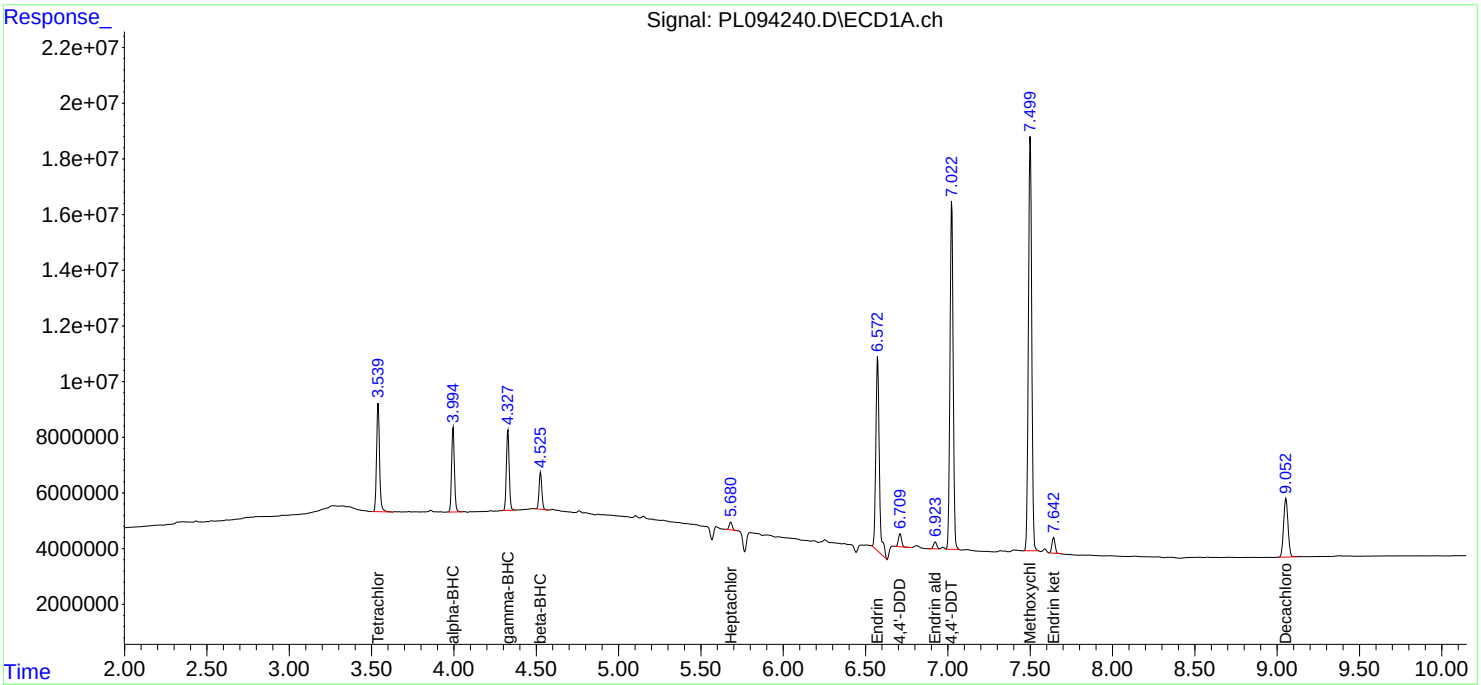
Quantitation Report (Not Reviewed)

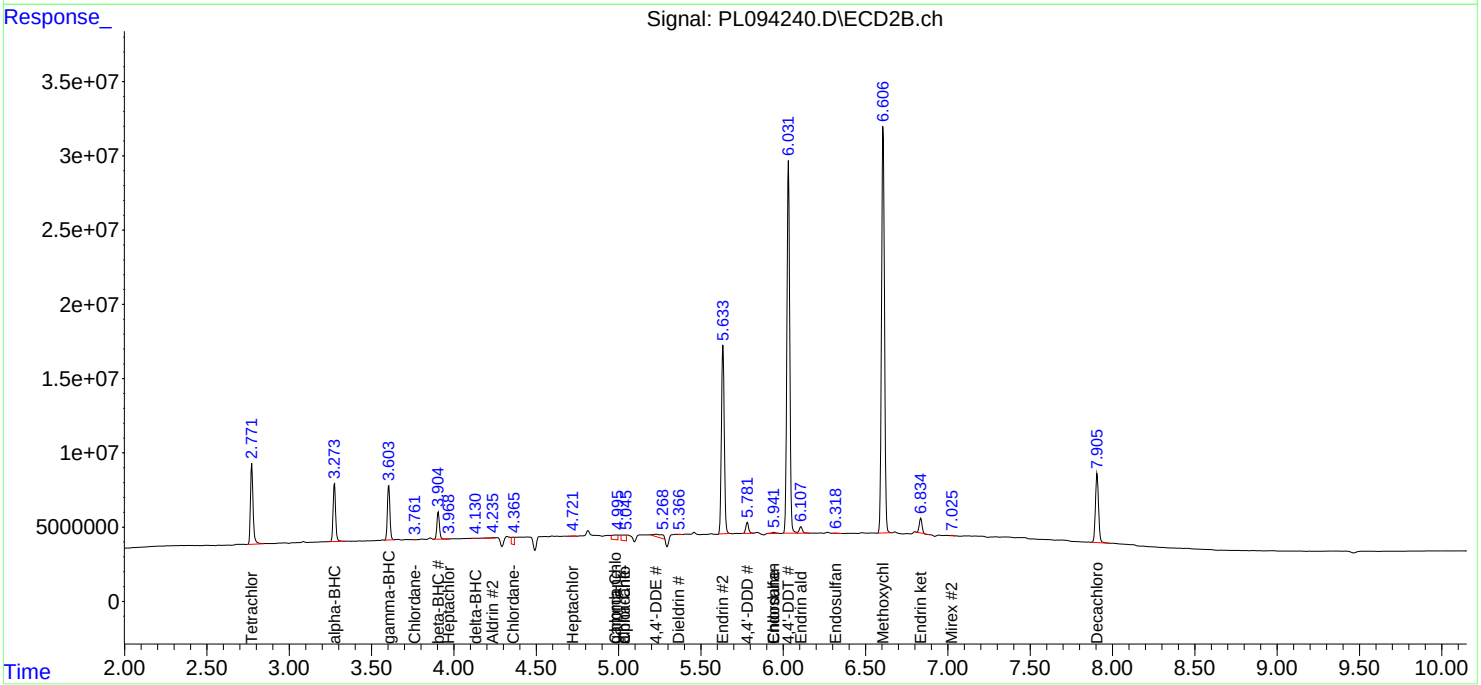
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
Data File : PL094240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2025 09:50
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

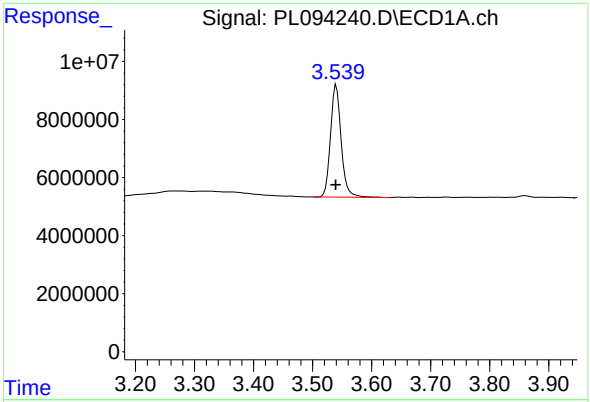
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:29:04 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



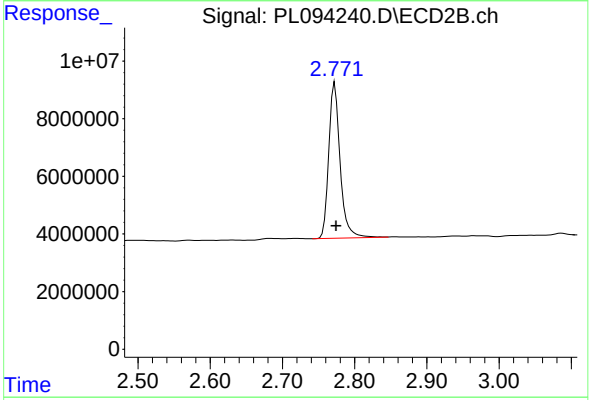




#1 Tetrachloro-m-xylene

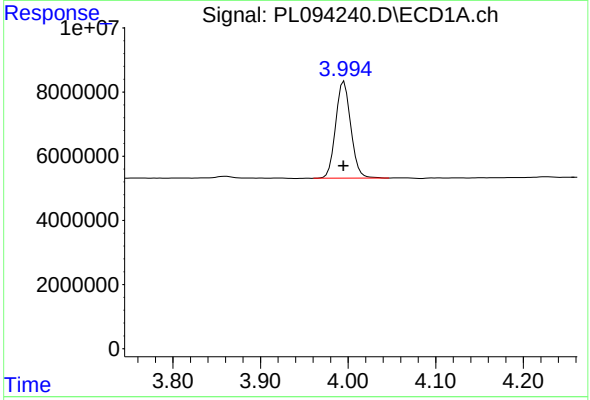
R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 48770108
Conc: 18.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



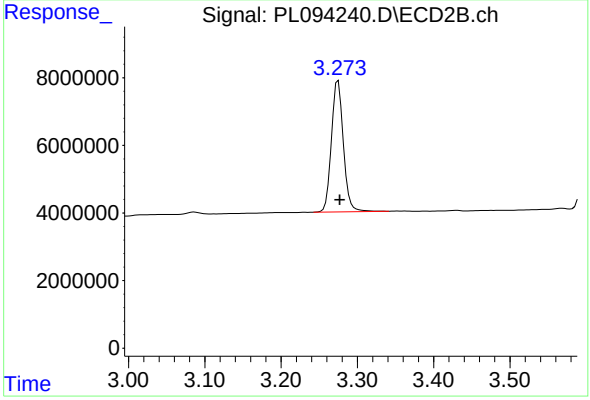
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.002 min
Response: 59239546
Conc: 18.15 ng/ml



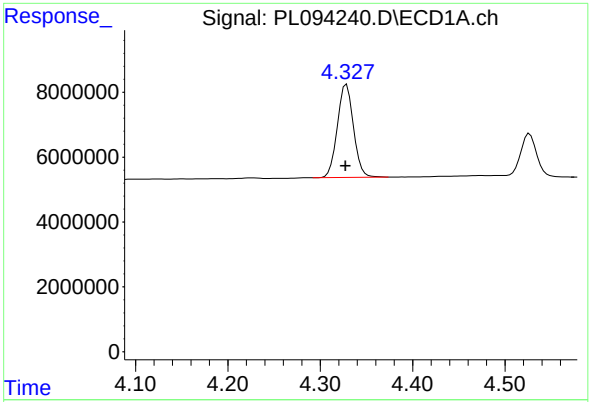
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 36270725
Conc: 9.46 ng/ml



#2 alpha-BHC

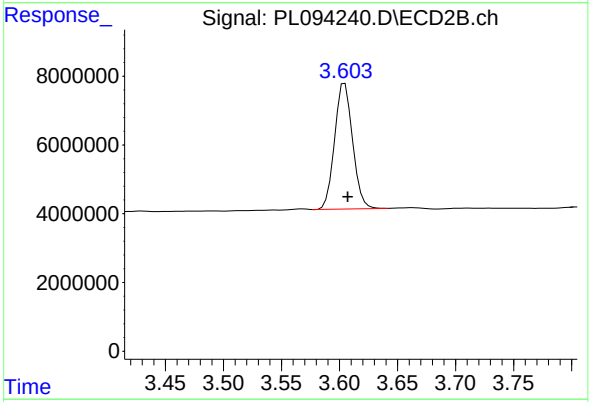
R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 42111422
Conc: 8.61 ng/ml



#3 gamma-BHC (Lindane)

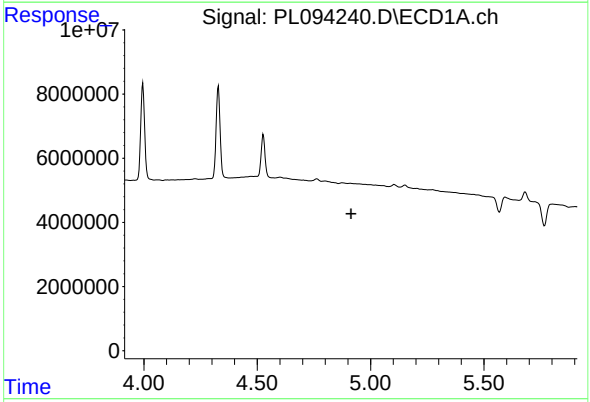
R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 34857587
Conc: 9.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



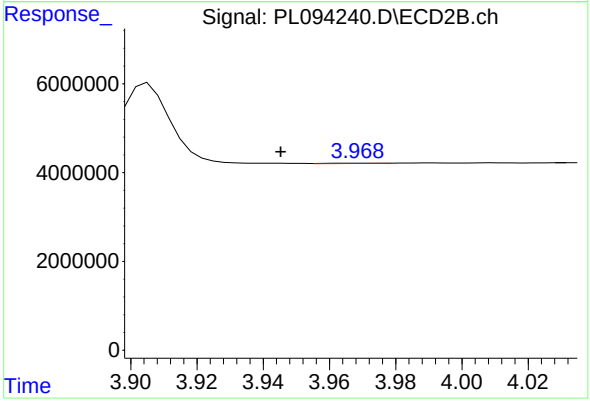
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 39403599
Conc: 8.31 ng/ml



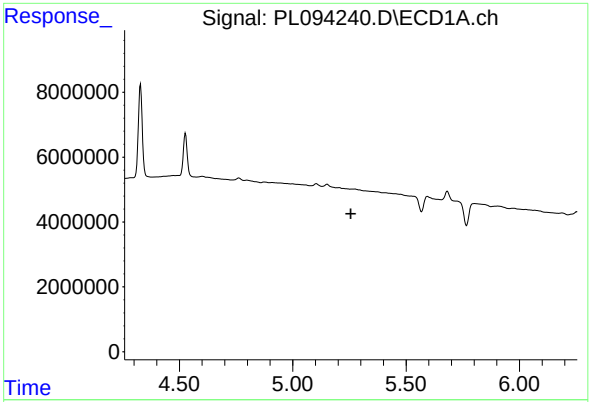
#4 Heptachlor

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



#4 Heptachlor

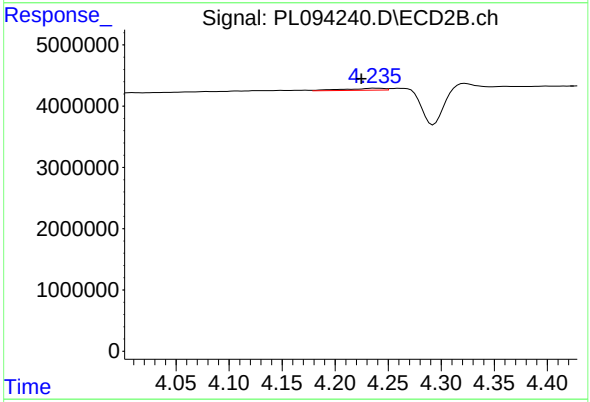
R.T.: 3.969 min
Delta R.T.: 0.023 min
Response: 83145
Conc: 0.02 ng/ml



#5 Aldrin

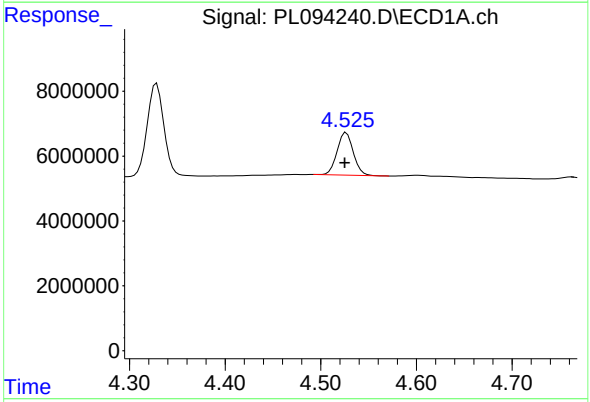
R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



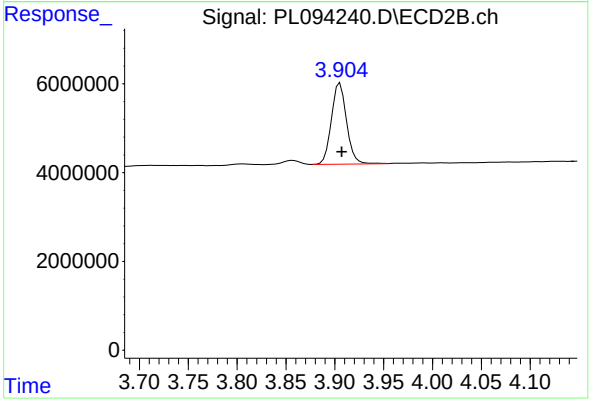
#5 Aldrin

R.T.: 4.236 min
Delta R.T.: 0.012 min
Response: 825398
Conc: 0.18 ng/ml



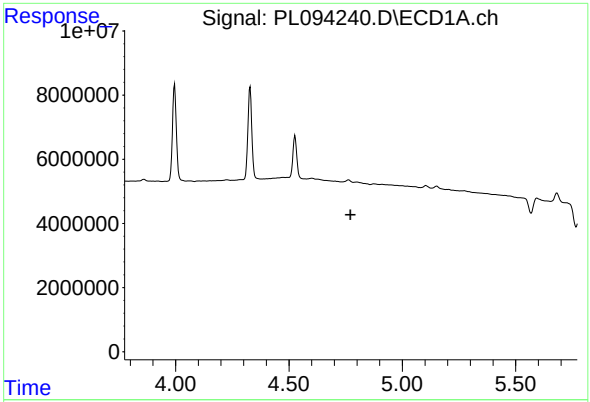
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 15455996
Conc: 9.62 ng/ml



#6 beta-BHC

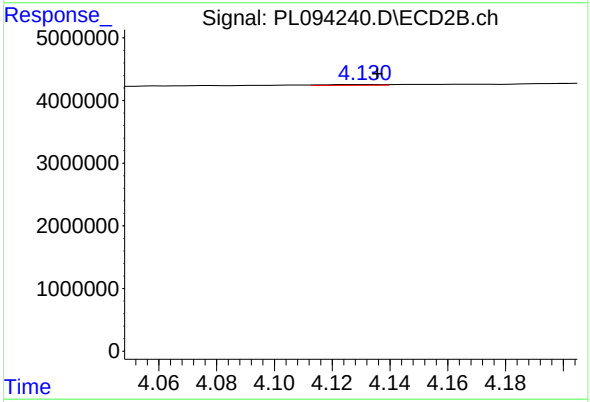
R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 19792882
Conc: 9.91 ng/ml



#7 delta-BHC

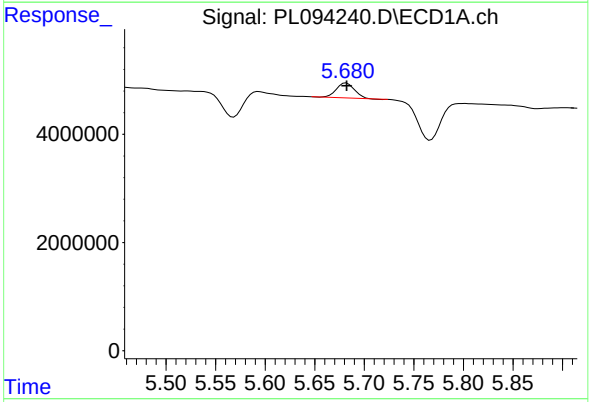
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



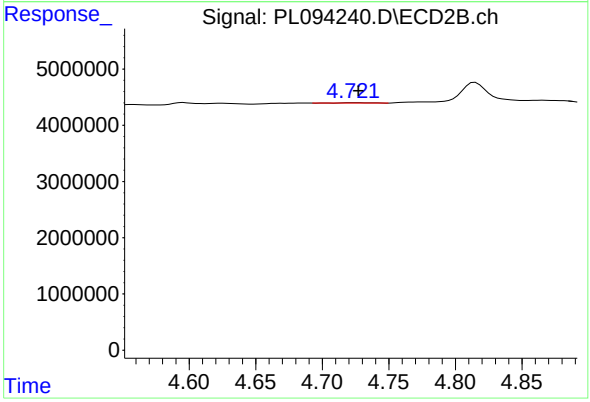
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 175511
Conc: 0.04 ng/ml



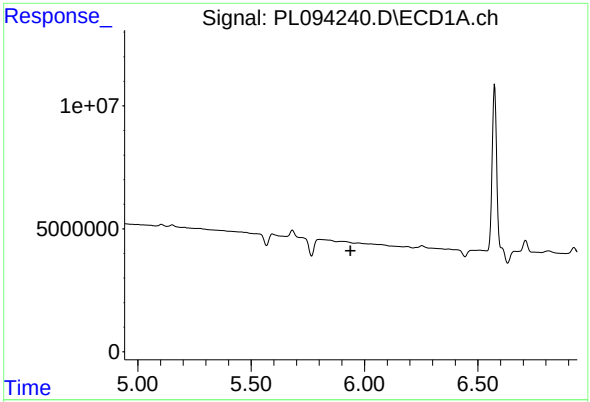
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 3439581
Conc: 1.16 ng/ml



#8 Heptachlor epoxide

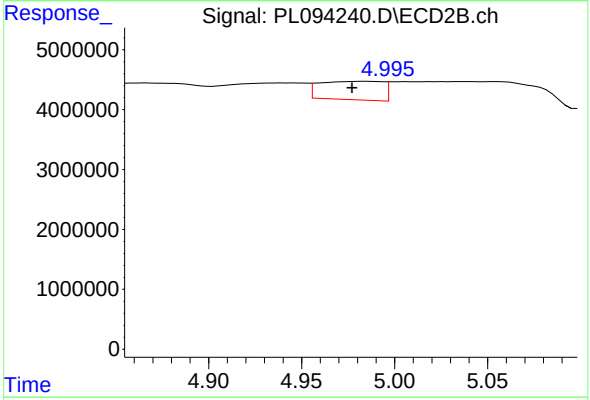
R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 75835
Conc: 0.02 ng/ml



#10 gamma-Chlordane

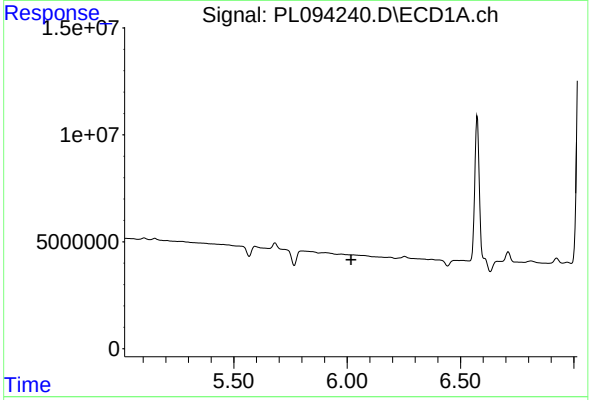
R.T.: 0.000 min
Exp R.T. : 5.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



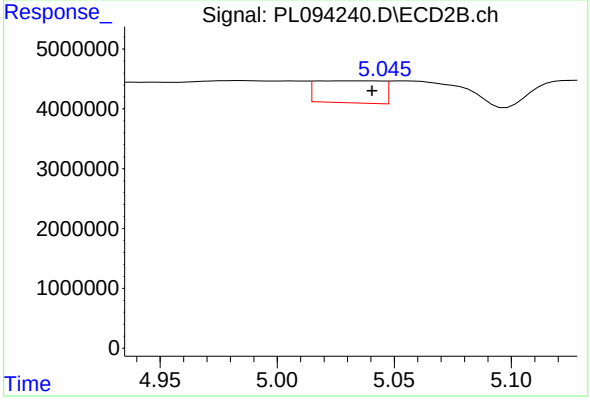
#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.007 min
Response: 7264273
Conc: 1.71 ng/ml



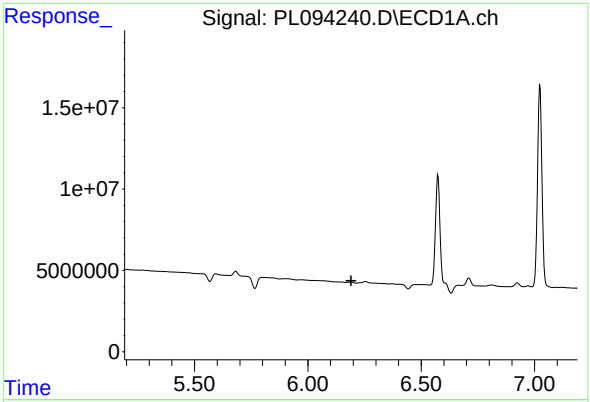
#11 alpha-Chlordane

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



#11 alpha-Chlordane

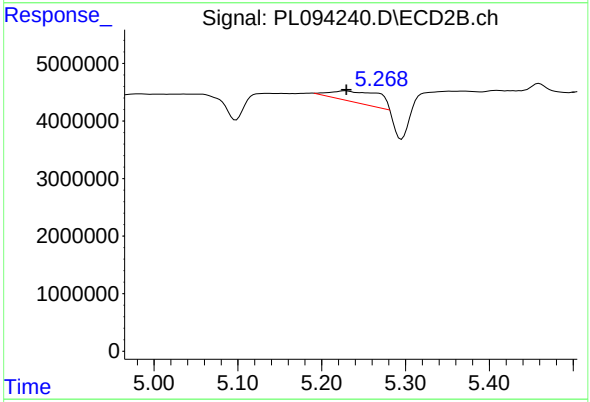
R.T.: 5.038 min
Delta R.T.: -0.003 min
Response: 7206186
Conc: 1.72 ng/ml



#12 4,4'-DDE

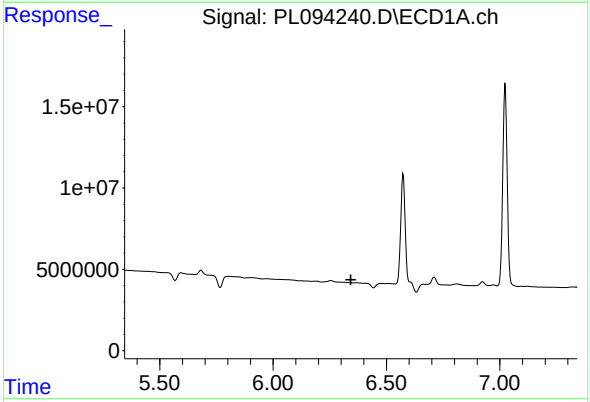
R.T.: 0.000 min
Exp R.T. : 6.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



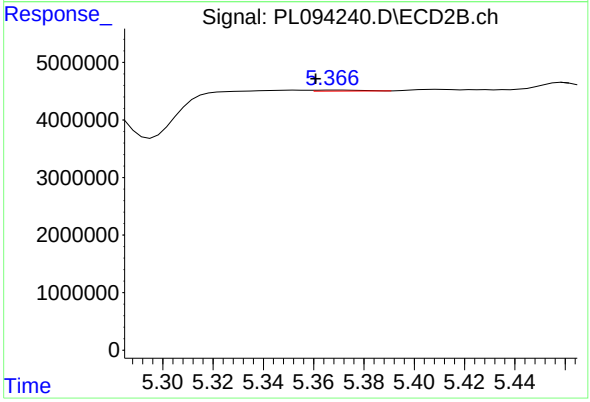
#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: -0.001 min
Response: 7570106
Conc: 1.89 ng/ml



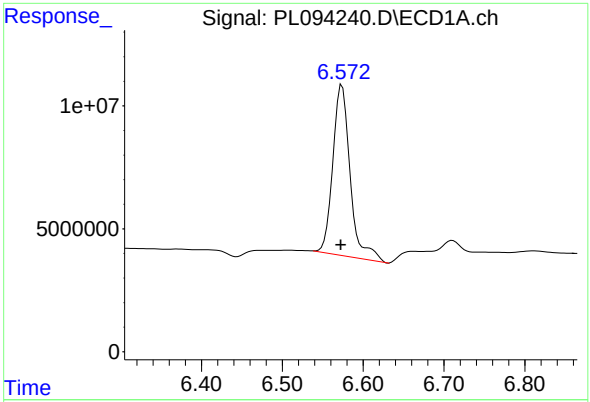
#13 Dieldrin

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



#13 Dieldrin

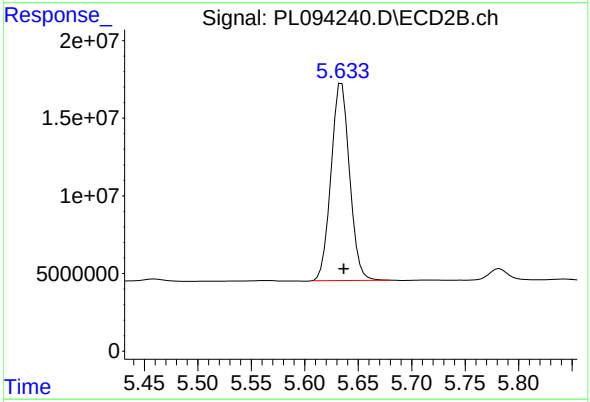
R.T.: 5.368 min
Delta R.T.: 0.007 min
Response: 208534
Conc: 0.05 ng/ml



#14 Endrin

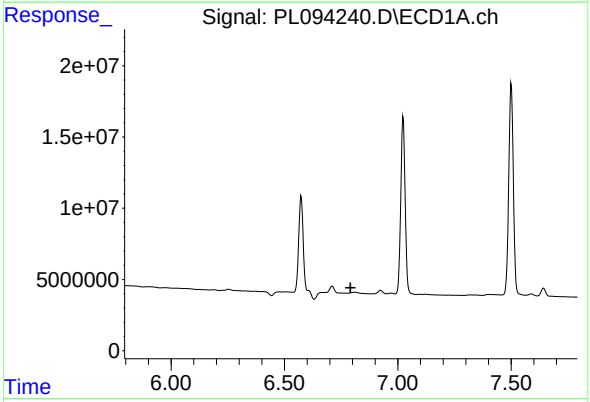
R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 103485280
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



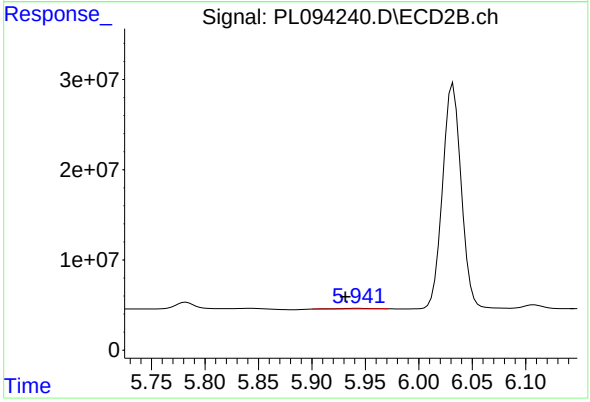
#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 153165359
Conc: 41.48 ng/ml



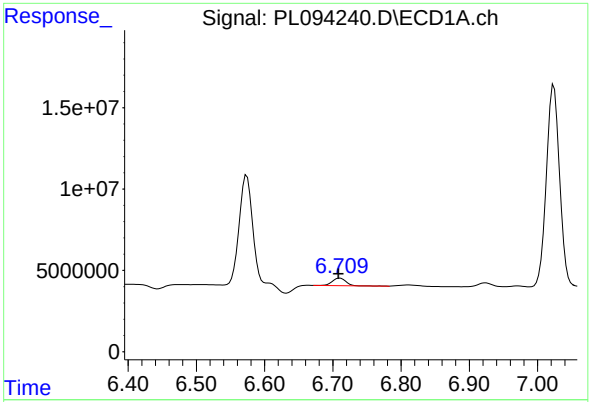
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.792 min
Response: 0
Conc: N.D.



#15 Endosulfan II

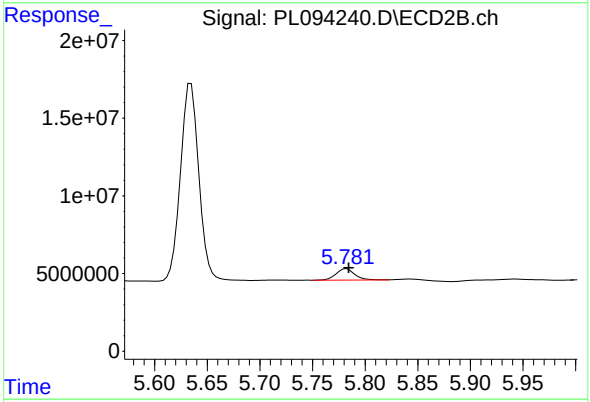
R.T.: 5.943 min
Delta R.T.: 0.011 min
Response: 1392849
Conc: 0.38 ng/ml



#16 4,4'-DDD

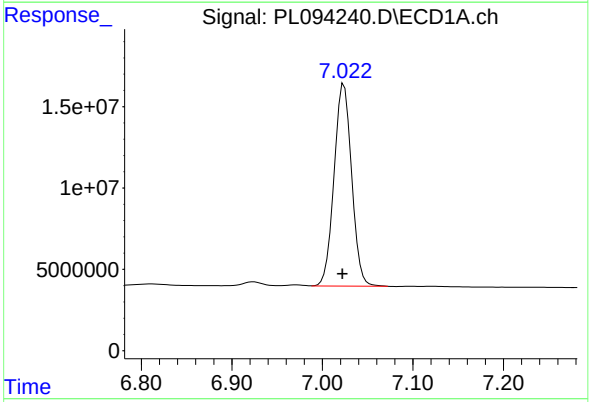
R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 6335049
Conc: 3.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



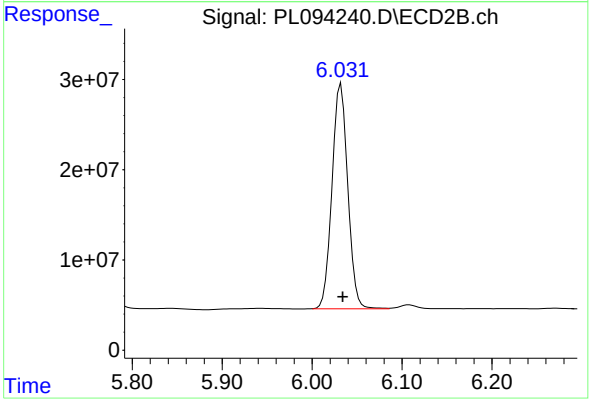
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 9098757
Conc: 2.88 ng/ml



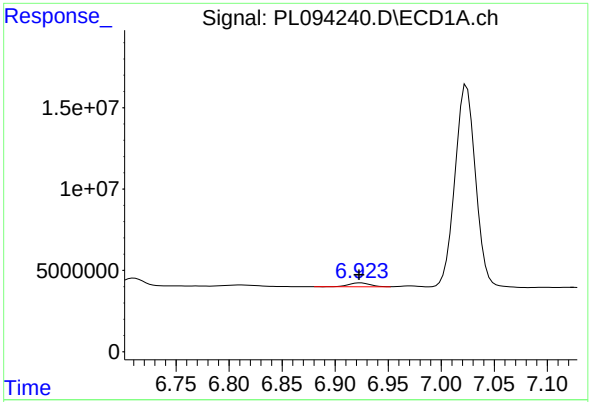
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 167702760
Conc: 85.04 ng/ml



#17 4,4'-DDT

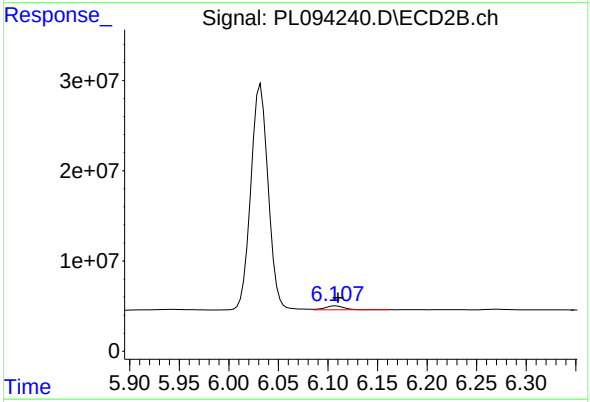
R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 303639918
Conc: 93.31 ng/ml



#18 Endrin aldehyde

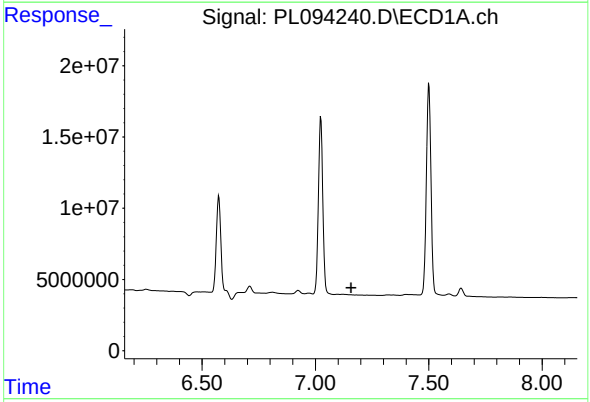
R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 3506040
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



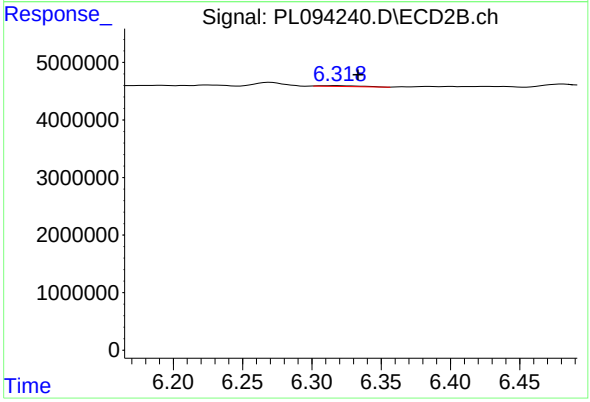
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 5729686
Conc: 1.88 ng/ml



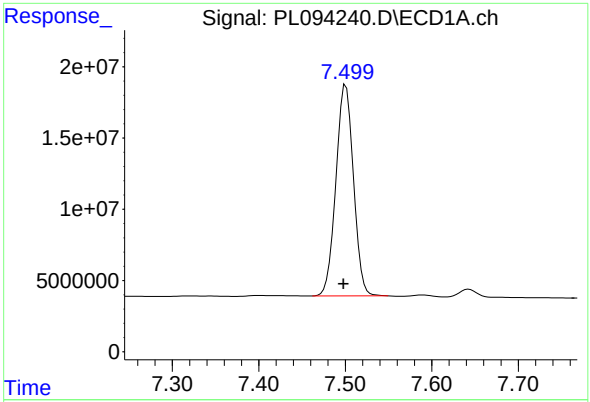
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

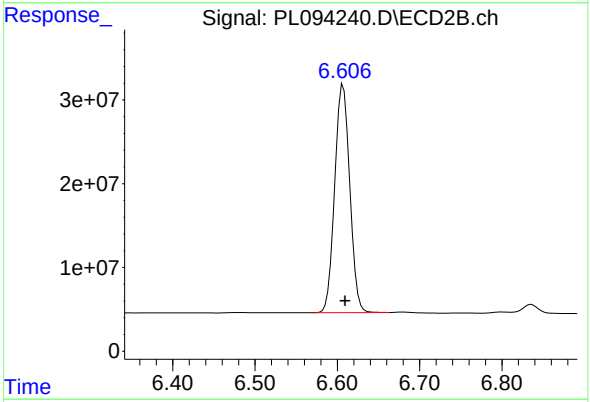
R.T.: 6.319 min
Delta R.T.: -0.015 min
Response: 254455
Conc: 0.07 ng/ml



#20 Methoxychlor

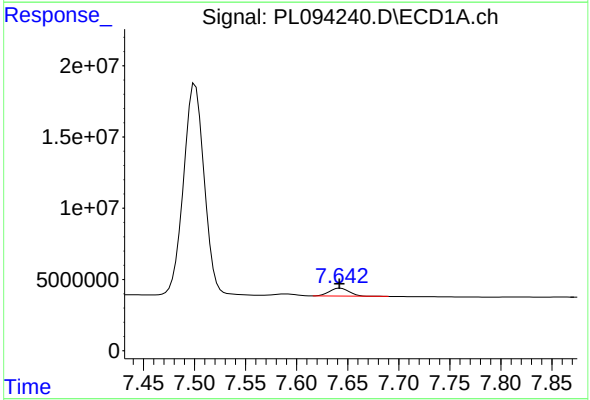
R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 207848118
Conc: 199.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



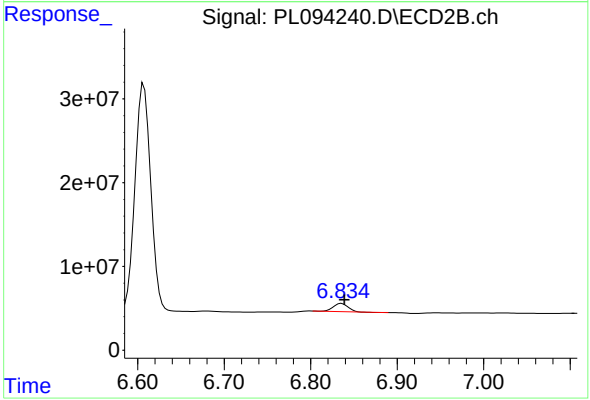
#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 346554181
Conc: 193.81 ng/ml



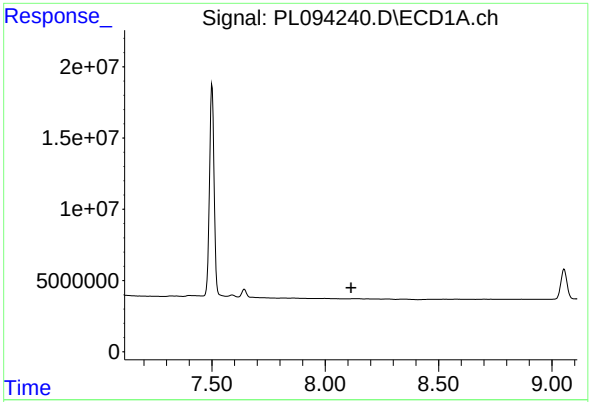
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 7478487
Conc: 2.96 ng/ml



#21 Endrin ketone

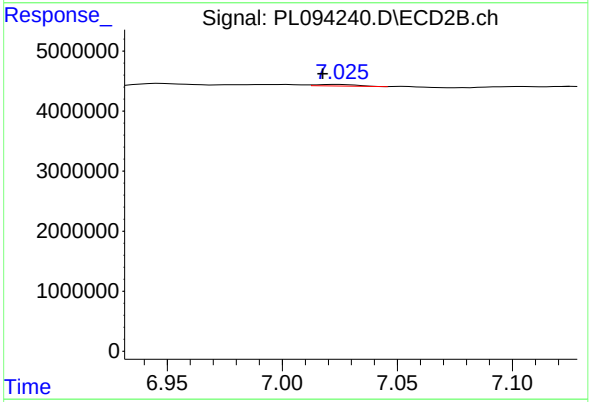
R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 10907764
Conc: 2.60 ng/ml



#22 Mirex

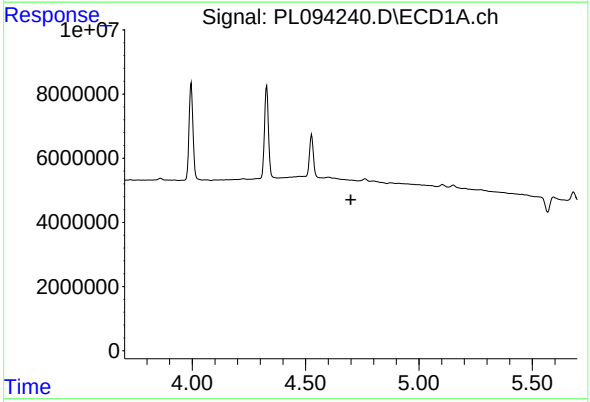
R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



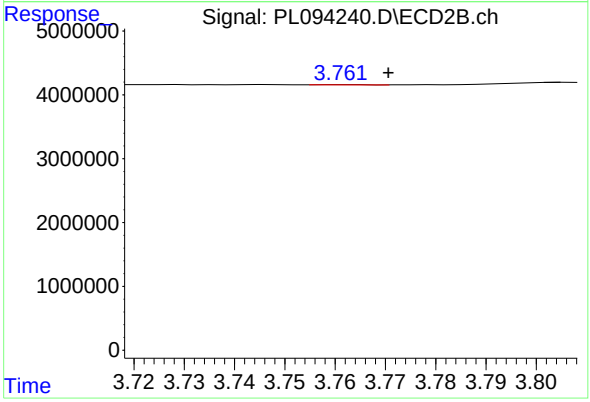
#22 Mirex

R.T.: 7.023 min
Delta R.T.: 0.006 min
Response: 306921
Conc: 0.09 ng/ml



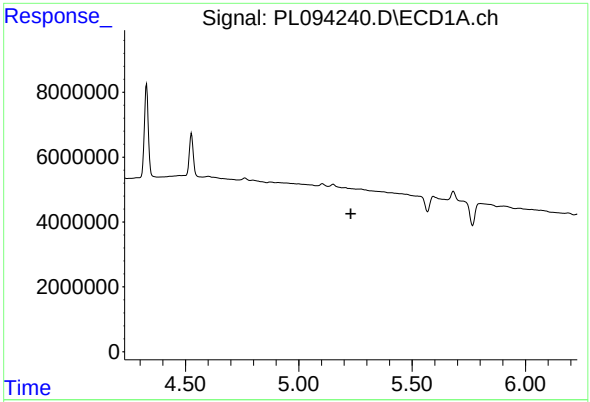
#23 Chlordane-1

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



#23 Chlordane-1

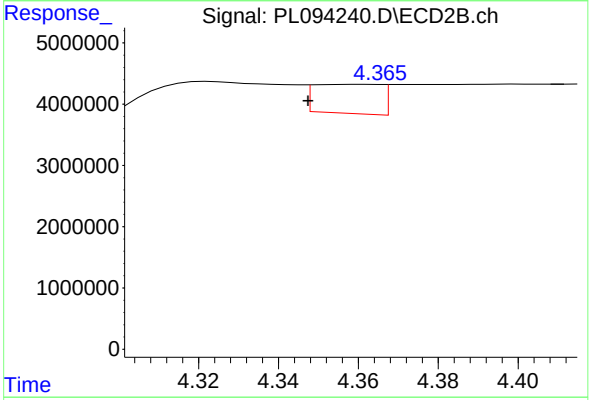
R.T.: 3.762 min
Delta R.T.: -0.009 min
Response: 21120
Conc: 0.17 ng/ml



#24 Chlordane-2

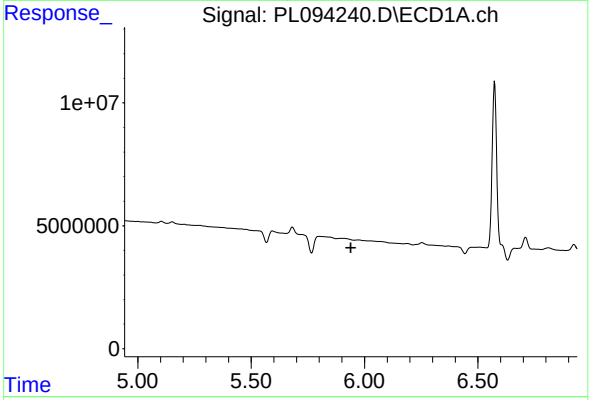
R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



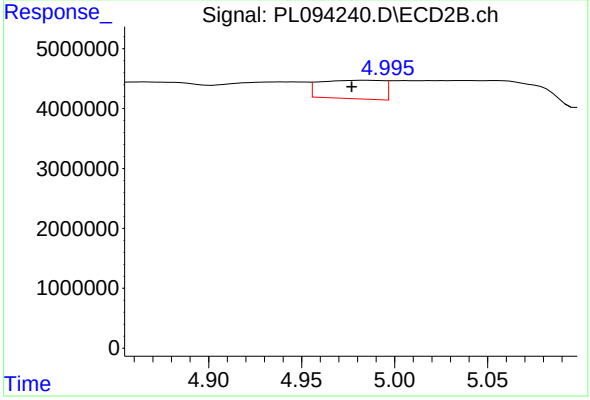
#24 Chlordane-2

R.T.: 4.361 min
Delta R.T.: 0.013 min
Response: 5539475
Conc: 37.76 ng/ml



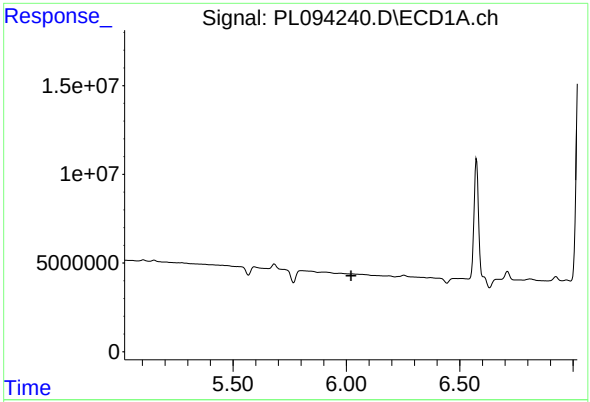
#25 Chlordane-3

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



#25 Chlordane-3

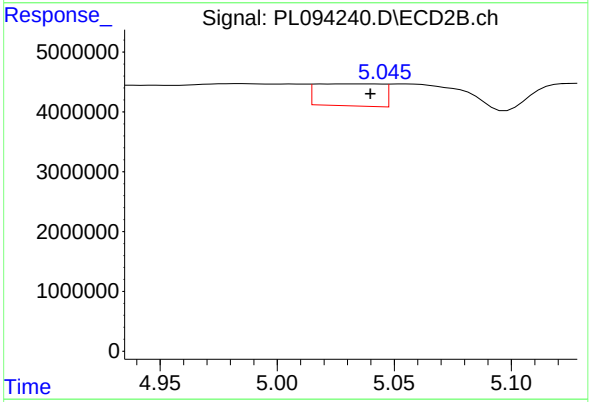
R.T.: 4.984 min
Delta R.T.: 0.007 min
Response: 7264273
Conc: 16.71 ng/ml



#26 Chlordane-4

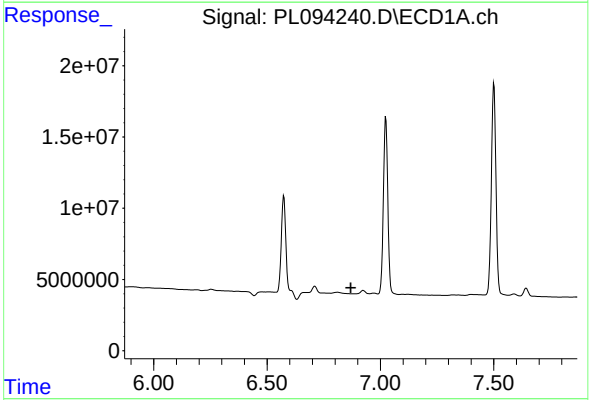
R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



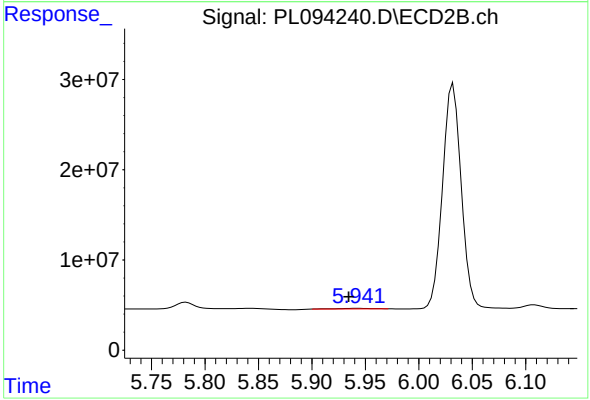
#26 Chlordane-4

R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 7206186
Conc: 17.01 ng/ml



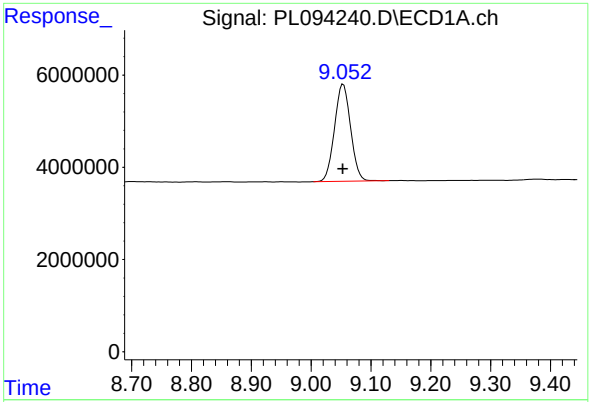
#27 Chlordane-5

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



#27 Chlordane-5

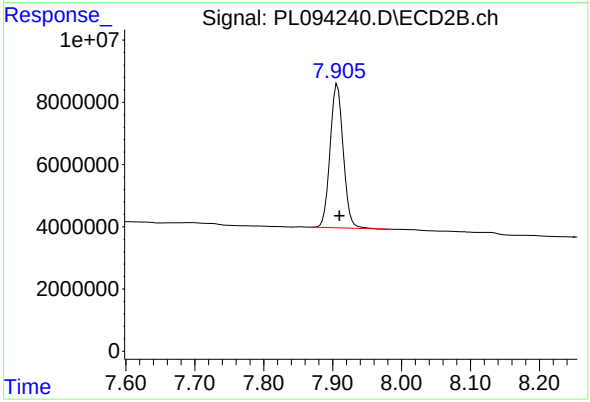
R.T.: 5.943 min
Delta R.T.: 0.008 min
Response: 1392849
Conc: 9.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 39353364
Conc: 18.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 61061447
Conc: 17.43 ng/ml