Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
Data File : PL090968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2024 10:21
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: Aug 12 01:58:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
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...	3.546	2.787	42030250	36605134	21.707	21.174	
28)	SA Decachlor...	9.062	7.931	32756271	32469815	22.799	19.453	
	Target Compounds							
2)	A alpha-BHC	4.001	3.291	31620534	24782482	11.448	10.060	
3)	MA gamma-BHC...	4.334	3.621	29878922	23350906	11.360	9.974	
4)	MA Heptachlor	0.000	3.962	0	69628	N.D.	0.030	#
5)	MB Aldrin	0.000	4.253	0	3205280	N.D.	1.446	#
6)	B beta-BHC	4.530	3.920	15214053	12175839	12.085	11.447	
7)	B delta-BHC	0.000	4.148	0	912183	N.D.	0.408	#
8)	B Heptachlo...	5.687	4.741	5900738	10283	2.597	0.005	#
10)	B gamma-Chl...	0.000	4.997	0	1377769	N.D.	0.645	#
11)	B alpha-Chl...	0.000	5.056	0	2326833	N.D.	1.091	#
12)	B 4,4'-DDE	0.000	5.248	0	3375270	N.D.	1.799	#
13)	MA Dieldrin	0.000	5.377	0	171746	N.D.	0.083	#
14)	MA Endrin	6.581	5.655	84270584	88127637	46.013	48.231	
15)	B Endosulfa...	0.000	5.963	0	658253	N.D.	0.362	#
16)	A 4,4'-DDD	6.715	5.803	4895261	3806976	2.969	2.453	
17)	MA 4,4'-DDT	7.030	6.053	160.3E6	173.1E6	89.893	104.372	
18)	B Endrin al...	6.929	6.129	2895382	2694762	1.923	1.903	
19)	B Endosulfa...	0.000	6.349	0	361676	N.D.	0.207	#
20)	A Methoxychlor	7.505	6.629	209.5E6	221.1E6	219.535	239.487	
21)	B Endrin ke...	7.648	6.856	6501121	5235921	3.281	2.642	
22)	Mirex	0.000	7.042	0	223843	N.D.	0.133	#
23)	Chlordane-1	0.000	3.786	0	59410	N.D.	0.881	#
24)	Chlordane-2	0.000	4.340f	0	7709092	N.D.	92.687	#
25)	Chlordane-3	0.000	4.997	0	1377769	N.D.	6.153	#
26)	Chlordane-4	0.000	5.056	0	2326833	N.D.	10.875	#
27)	Chlordane-5	0.000	5.752f	0	439529	N.D.	6.577	#

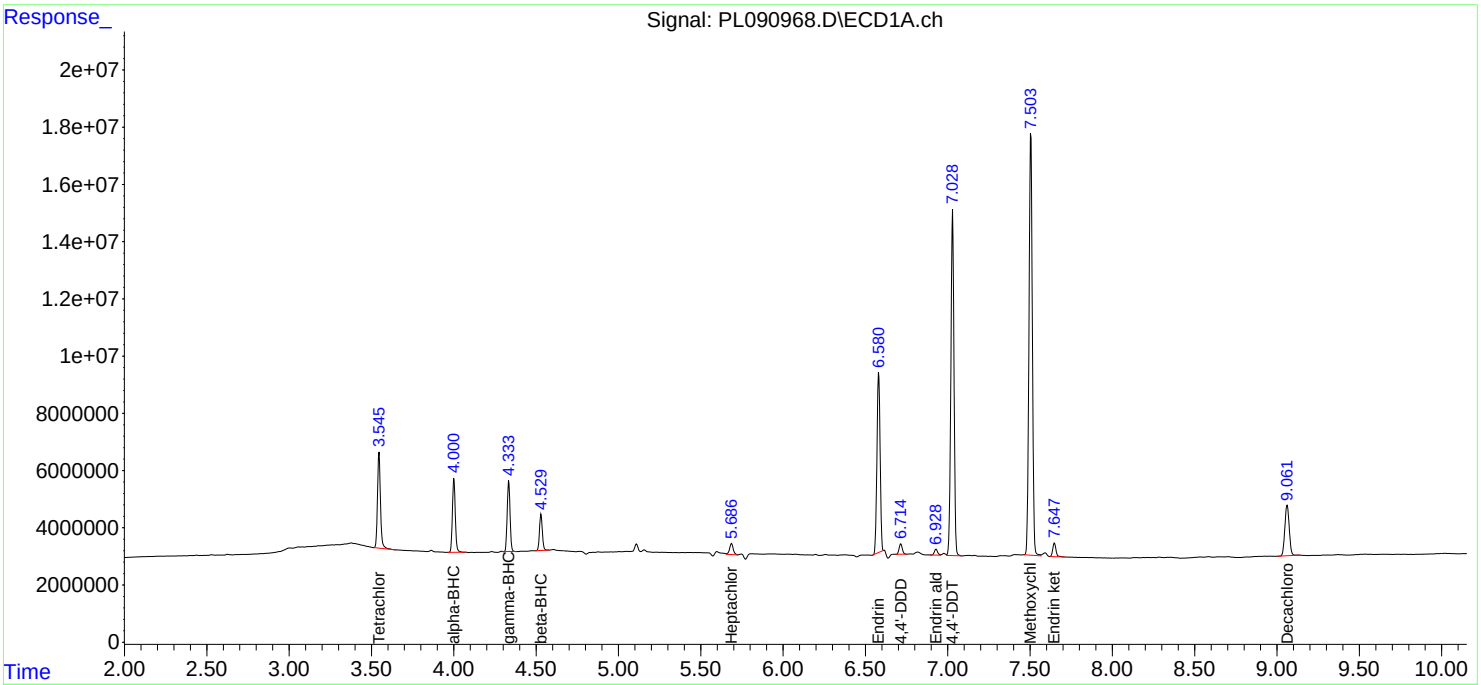
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

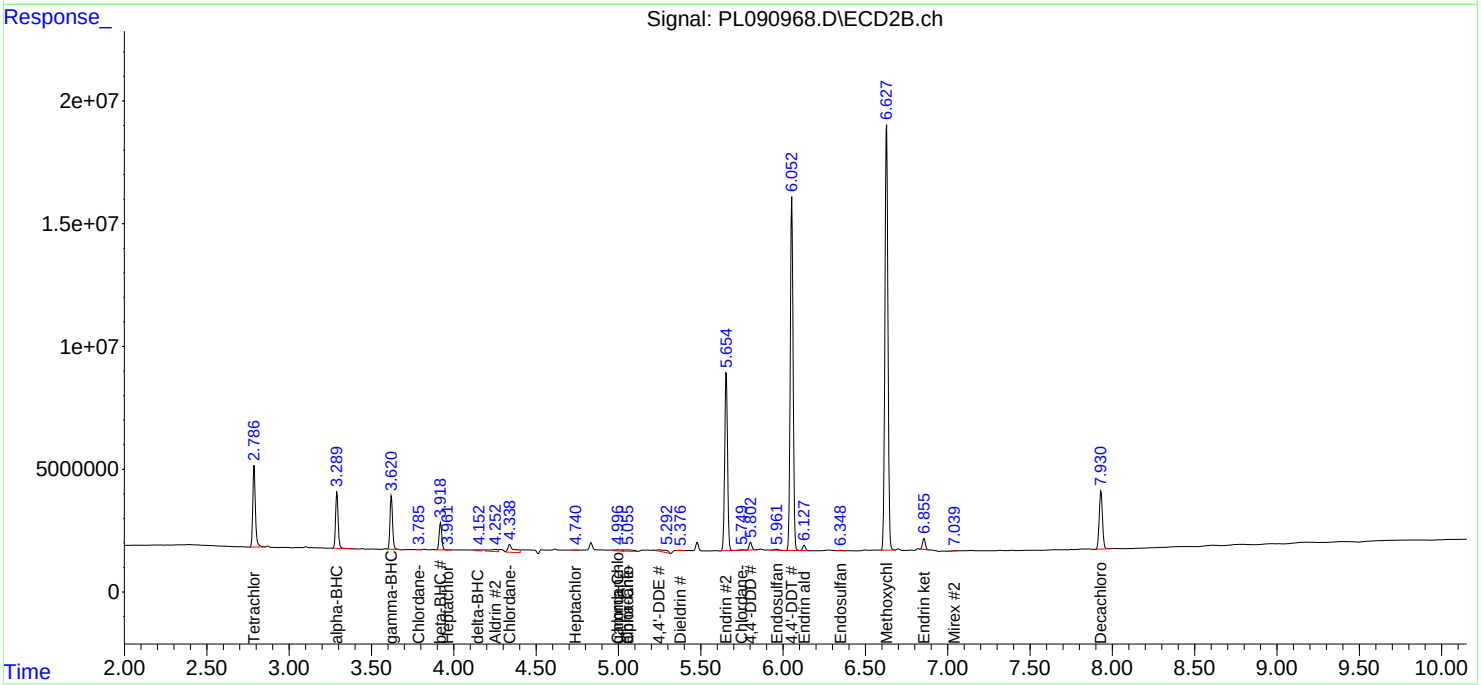
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
Data File : PL090968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2024 10:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

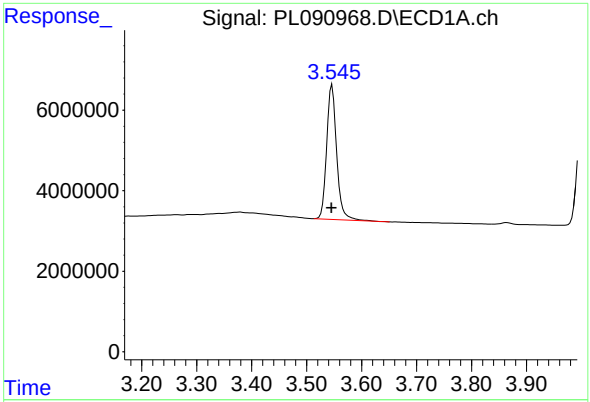
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 01:58:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
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



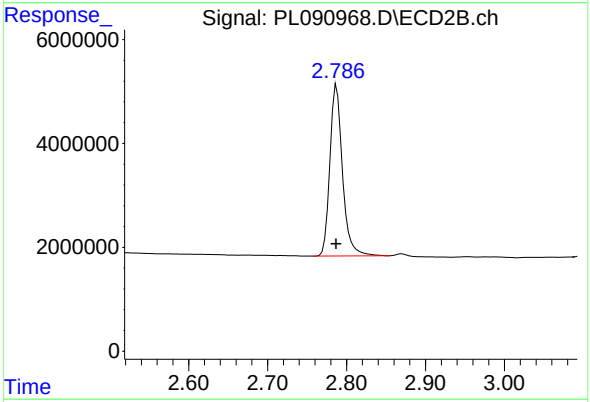




#1 Tetrachloro-m-xylene

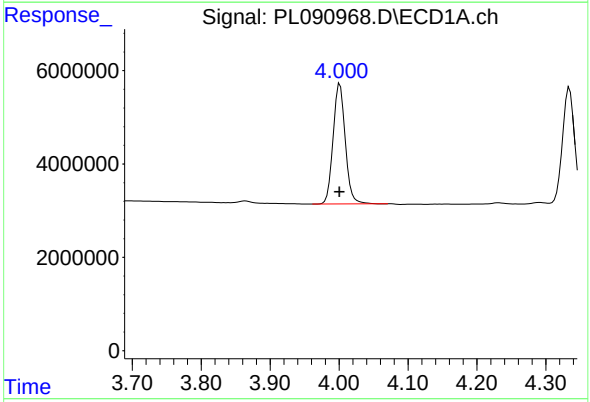
R.T.: 3.546 min
Delta R.T.: 0.001 min
Response: 42030250
Conc: 21.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



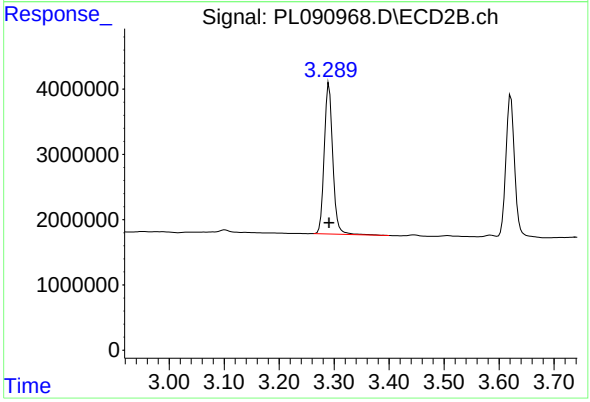
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 36605134
Conc: 21.17 ng/ml



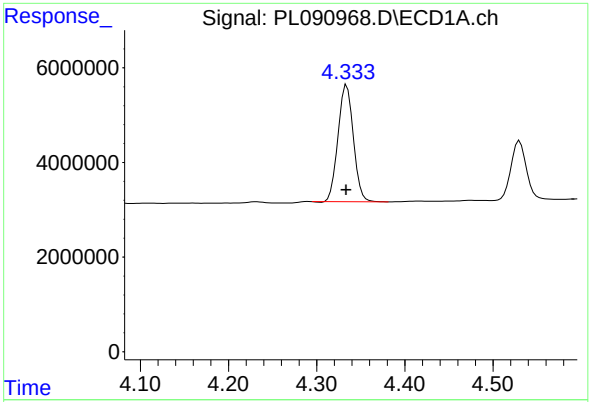
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 31620534
Conc: 11.45 ng/ml



#2 alpha-BHC

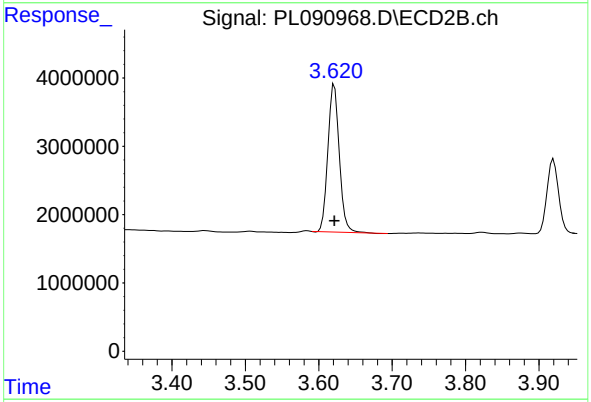
R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 24782482
Conc: 10.06 ng/ml



#3 gamma-BHC (Lindane)

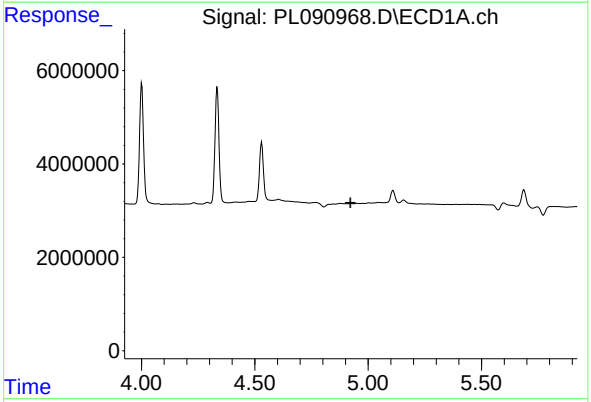
R.T.: 4.334 min
Delta R.T.: 0.001 min
Response: 29878922
Conc: 11.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



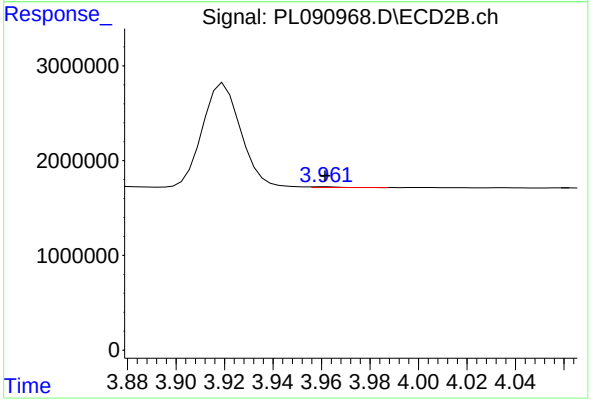
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 23350906
Conc: 9.97 ng/ml



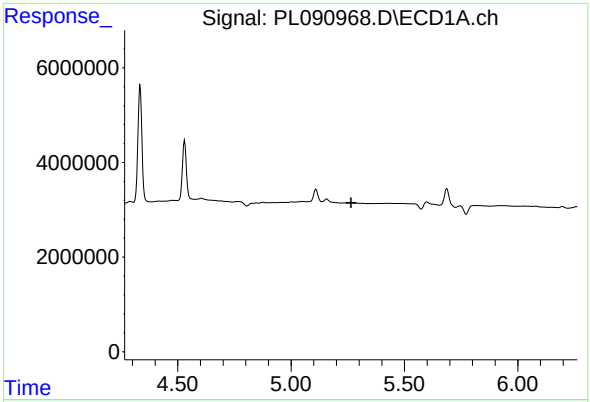
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.922 min
Response: 0
Conc: N.D.



#4 Heptachlor

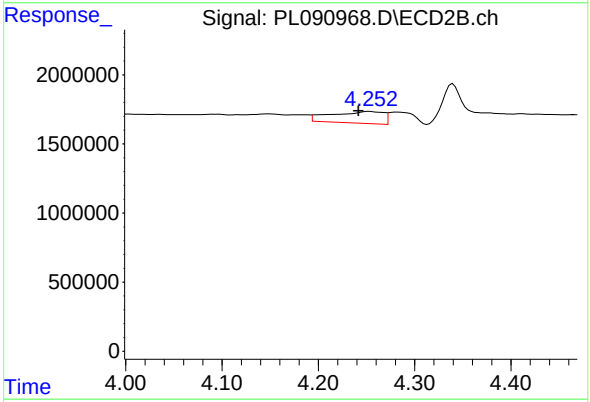
R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 69628
Conc: 0.03 ng/ml



#5 Aldrin

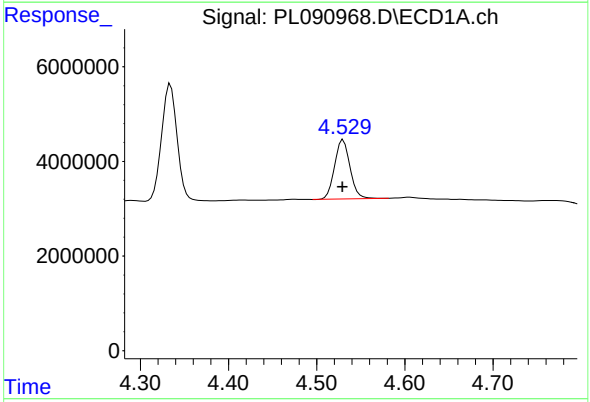
R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



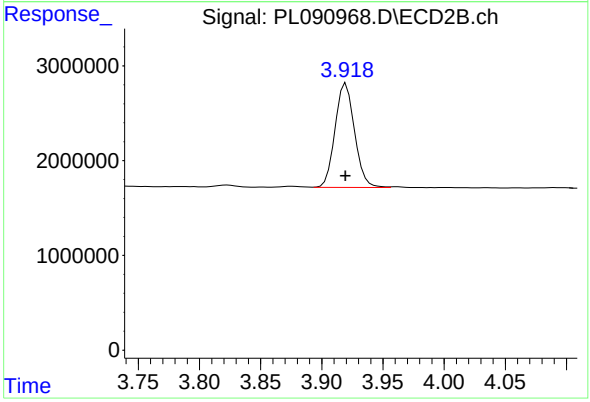
#5 Aldrin

R.T.: 4.253 min
Delta R.T.: 0.011 min
Response: 3205280
Conc: 1.45 ng/ml



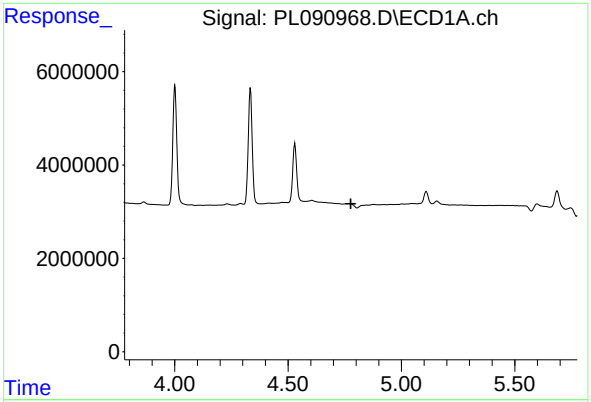
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.001 min
Response: 15214053
Conc: 12.09 ng/ml



#6 beta-BHC

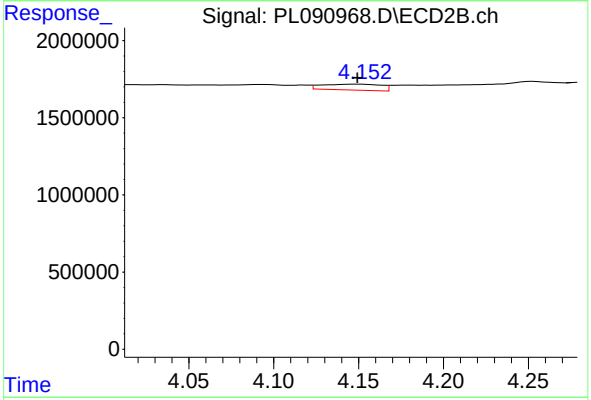
R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 12175839
Conc: 11.45 ng/ml



#7 delta-BHC

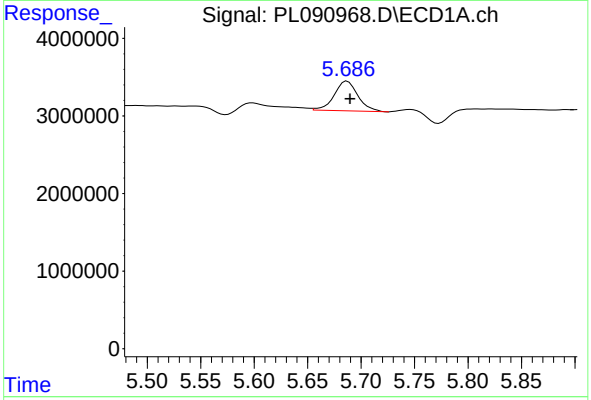
R.T.: 0.000 min
Exp R.T. : 4.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



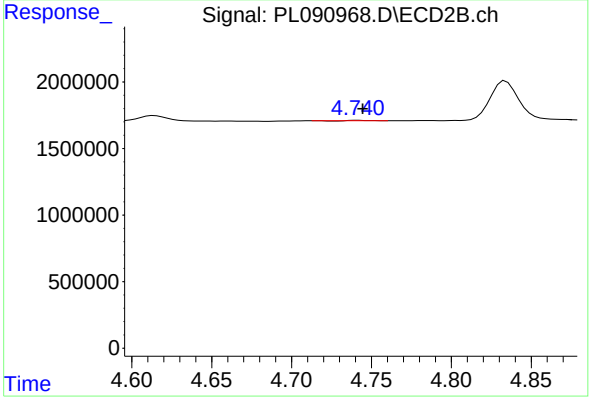
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.001 min
Response: 912183
Conc: 0.41 ng/ml



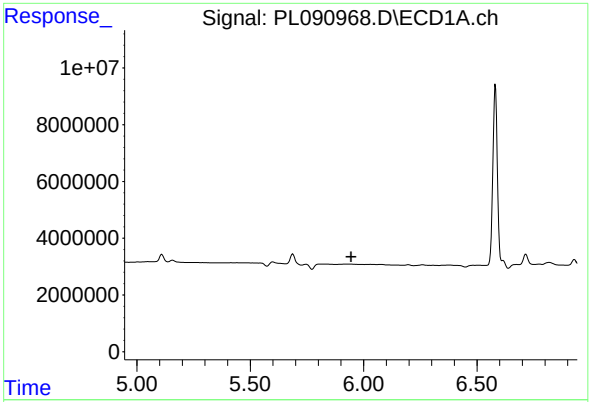
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.003 min
Response: 5900738
Conc: 2.60 ng/ml



#8 Heptachlor epoxide

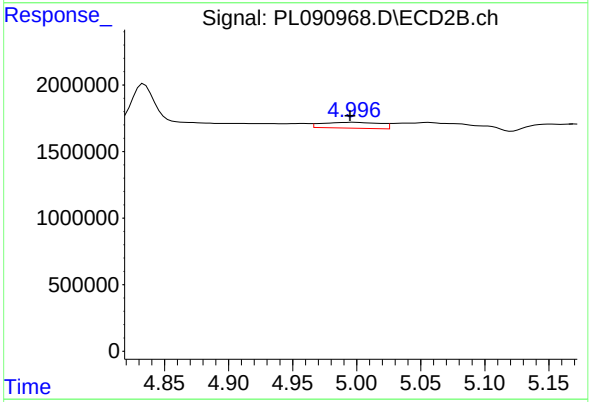
R.T.: 4.741 min
Delta R.T.: -0.003 min
Response: 10283
Conc: 0.01 ng/ml



#10 gamma-Chlordane

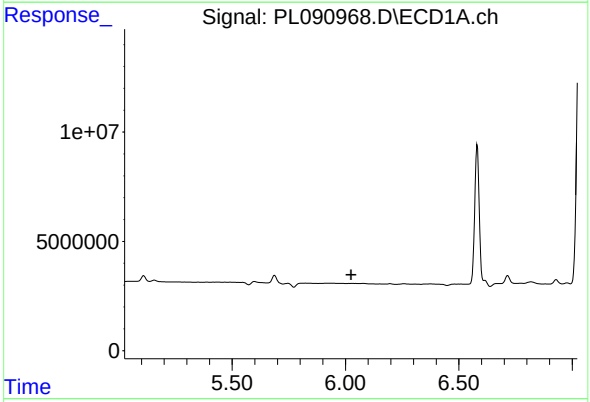
R.T.: 0.000 min
Exp R.T. : 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



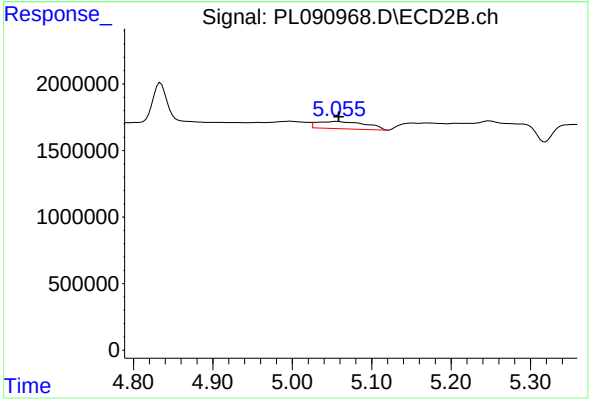
#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: 0.002 min
Response: 1377769
Conc: 0.65 ng/ml



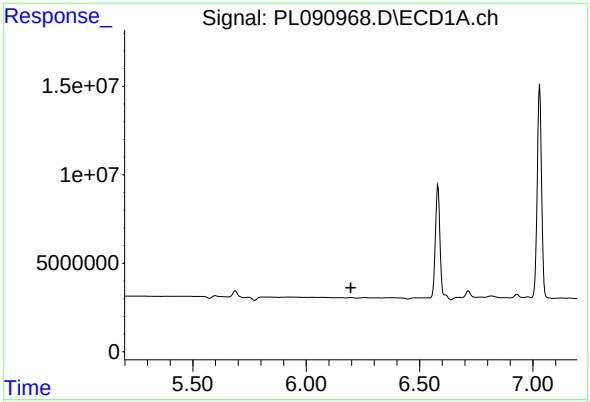
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.024 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

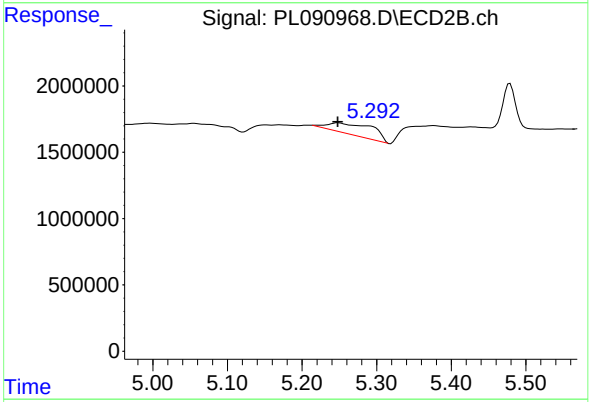
R.T.: 5.056 min
Delta R.T.: -0.002 min
Response: 2326833
Conc: 1.09 ng/ml



#12 4,4'-DDE

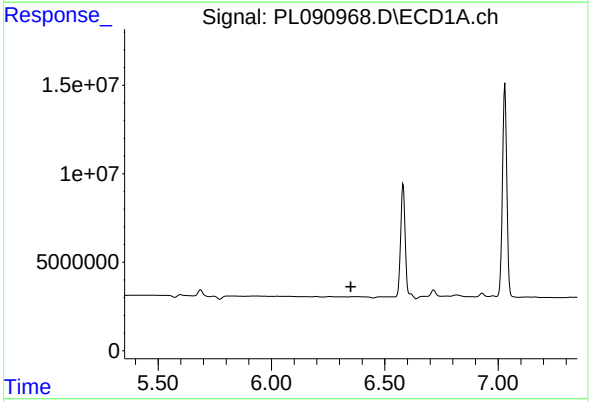
R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



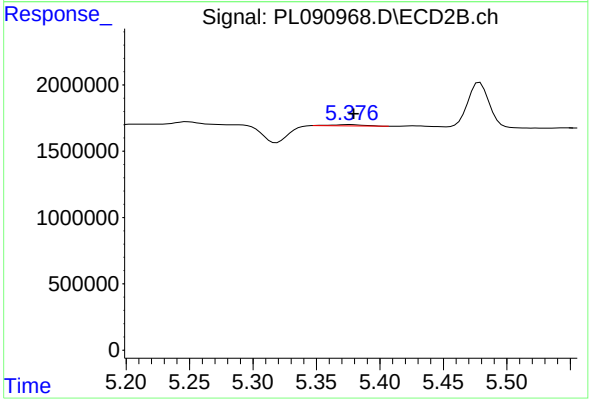
#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 3375270
Conc: 1.80 ng/ml



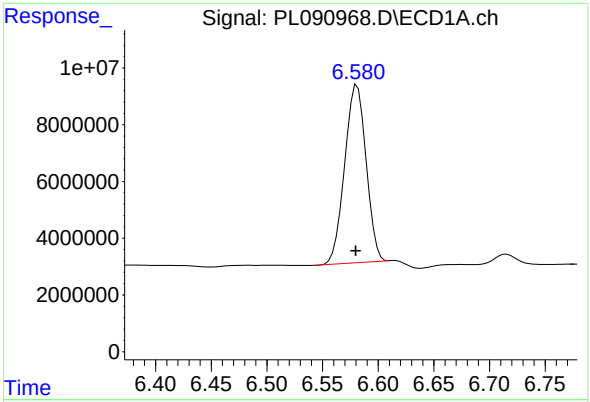
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.350 min
Response: 0
Conc: N.D.



#13 Dieldrin

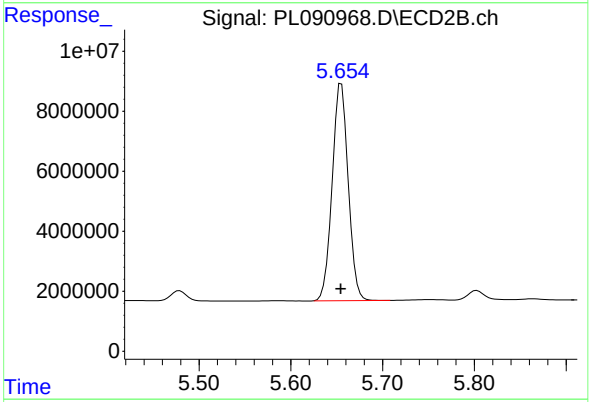
R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 171746
Conc: 0.08 ng/ml



#14 Endrin

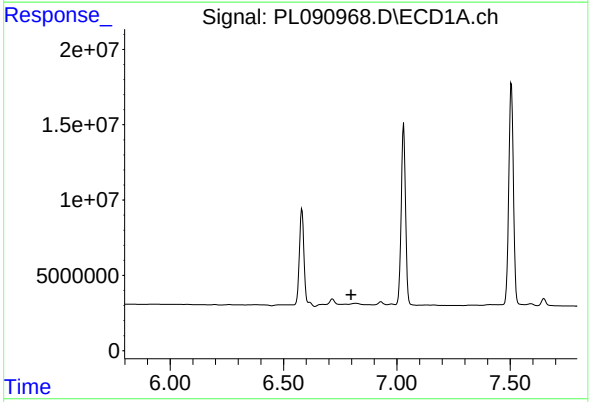
R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 84270584
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



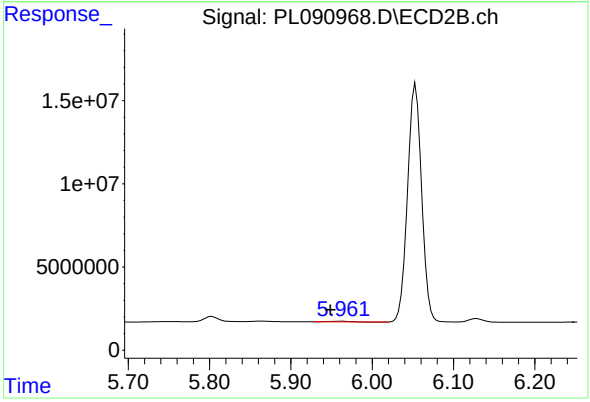
#14 Endrin

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 88127637
Conc: 48.23 ng/ml



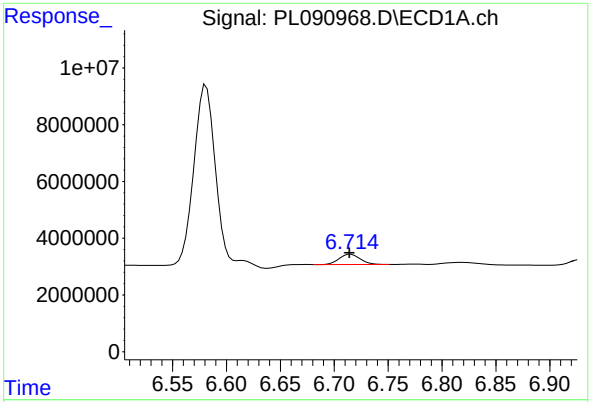
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.799 min
Response: 0
Conc: N.D.



#15 Endosulfan II

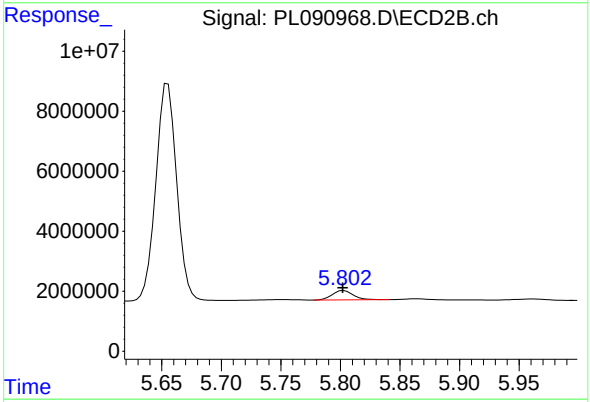
R.T.: 5.963 min
Delta R.T.: 0.014 min
Response: 658253
Conc: 0.36 ng/ml



#16 4,4'-DDD

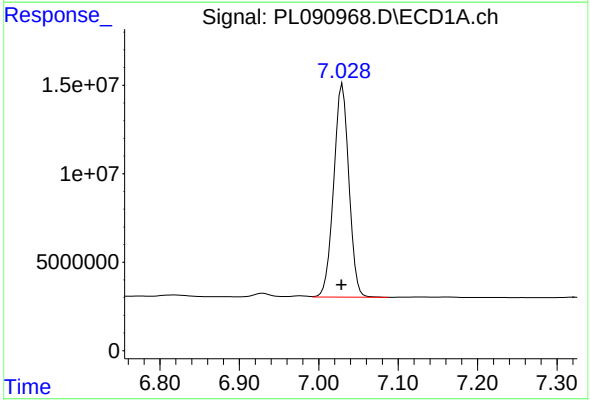
R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 4895261
Conc: 2.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



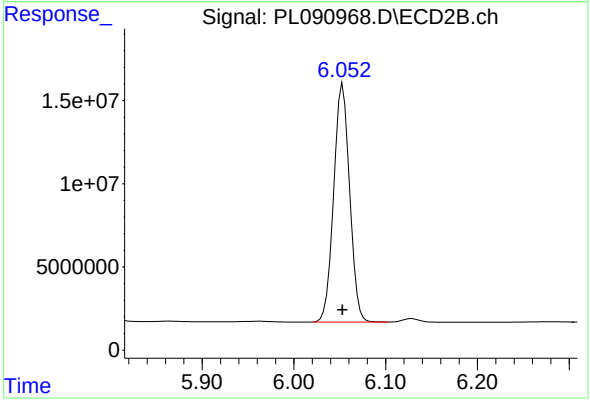
#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 3806976
Conc: 2.45 ng/ml



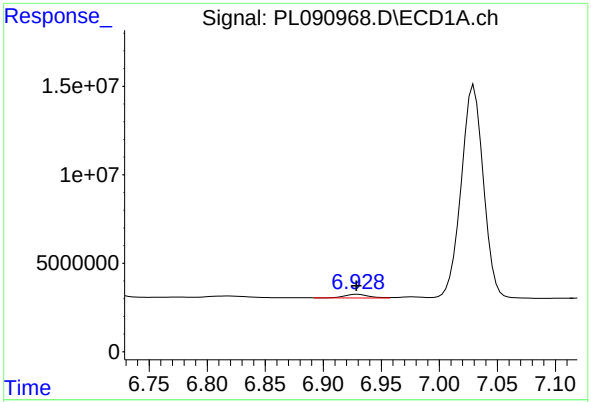
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.002 min
Response: 160259562
Conc: 89.89 ng/ml



#17 4,4'-DDT

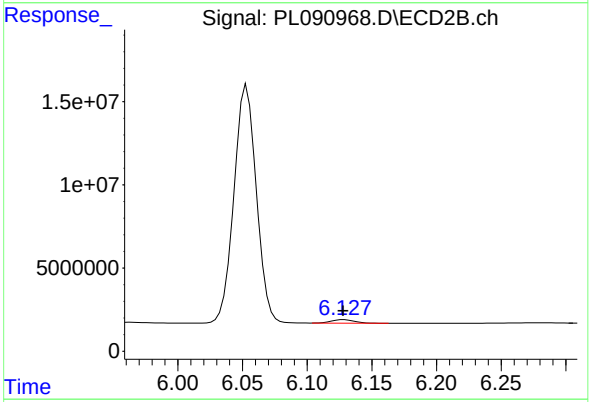
R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 173077354
Conc: 104.37 ng/ml



#18 Endrin aldehyde

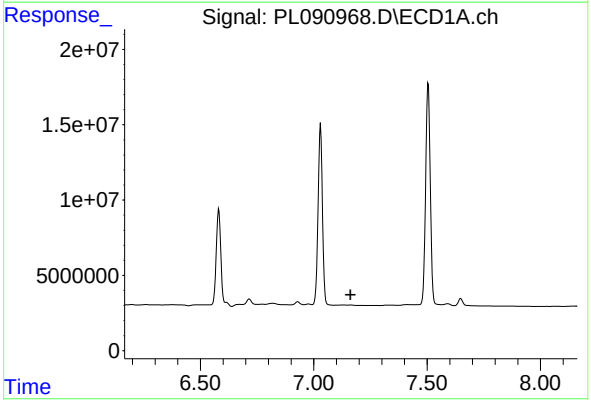
R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 2895382
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



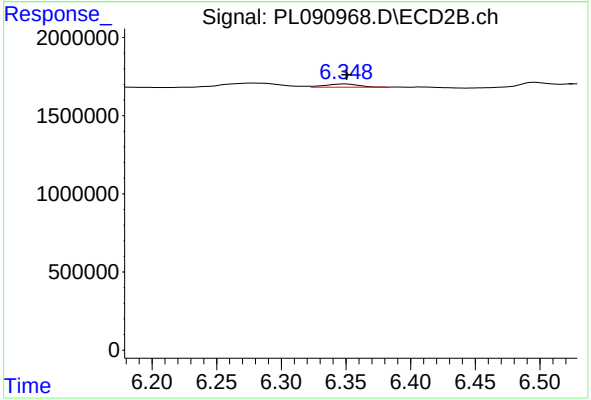
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 2694762
Conc: 1.90 ng/ml



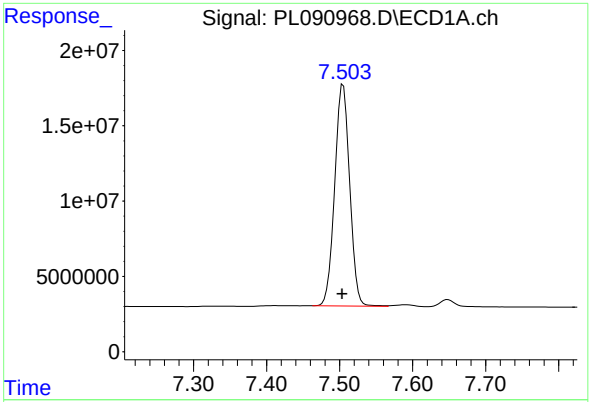
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

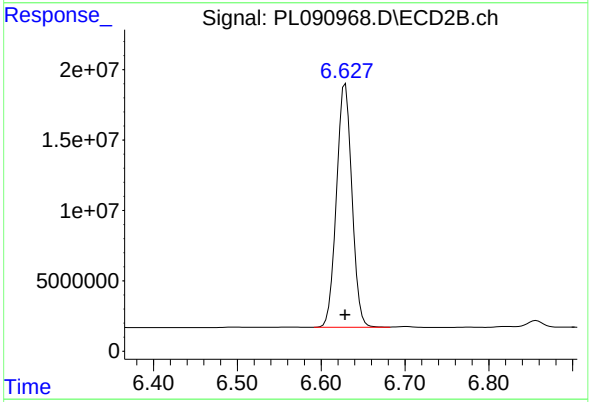
R.T.: 6.349 min
Delta R.T.: -0.001 min
Response: 361676
Conc: 0.21 ng/ml



#20 Methoxychlor

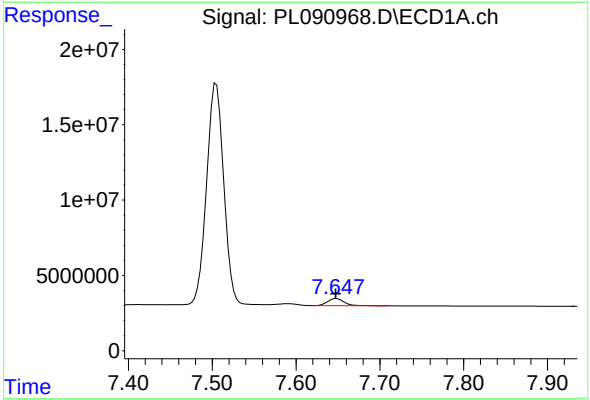
R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 209488833
Conc: 219.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



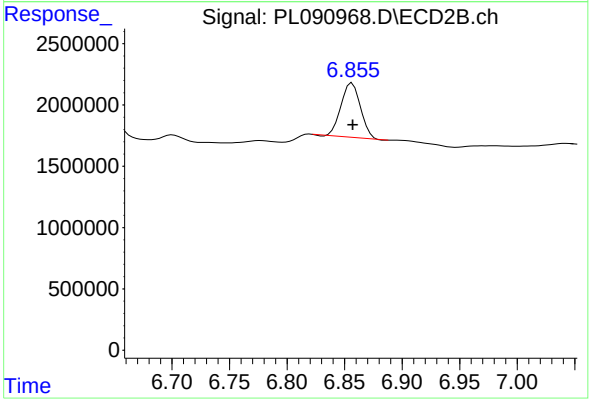
#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 221054516
Conc: 239.49 ng/ml



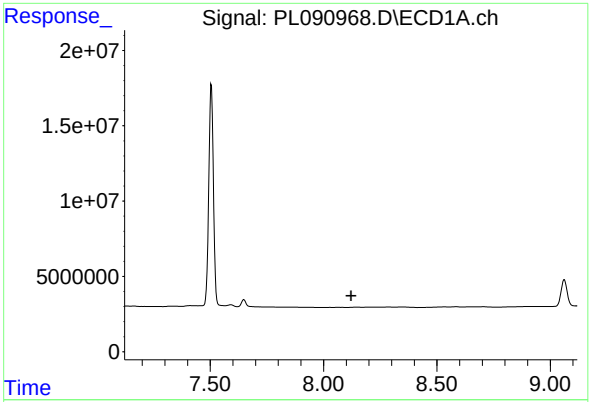
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 6501121
Conc: 3.28 ng/ml



#21 Endrin ketone

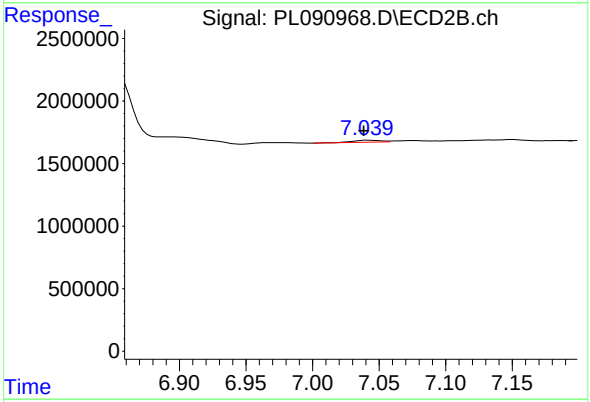
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 5235921
Conc: 2.64 ng/ml



#22 Mirex

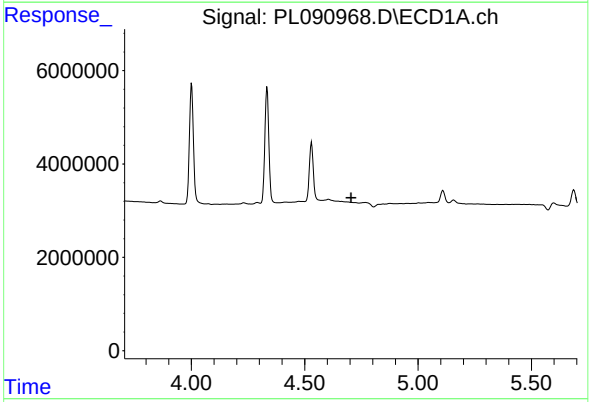
R.T.: 0.000 min
Exp R.T. : 8.121 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



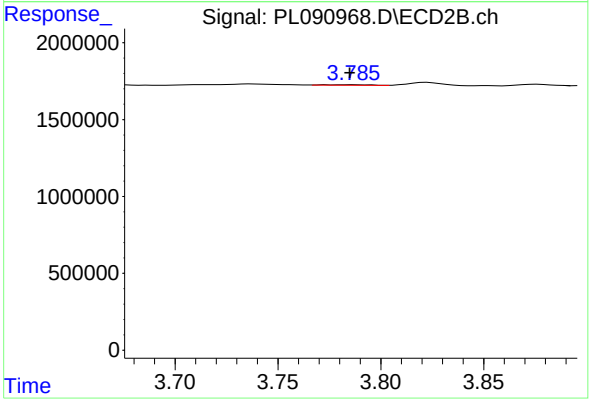
#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.003 min
Response: 223843
Conc: 0.13 ng/ml



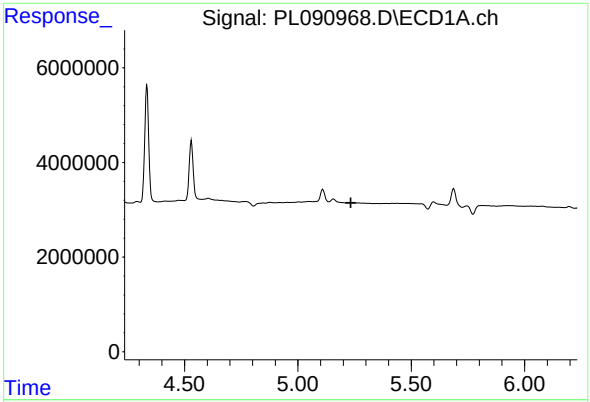
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.705 min
Response: 0
Conc: N.D.



#23 Chlordane-1

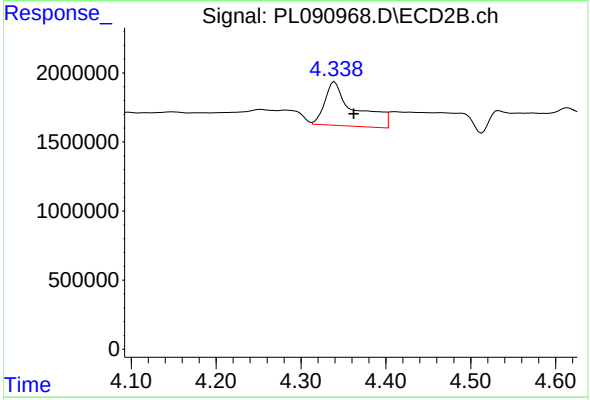
R.T.: 3.786 min
Delta R.T.: 0.001 min
Response: 59410
Conc: 0.88 ng/ml



#24 Chlordane-2

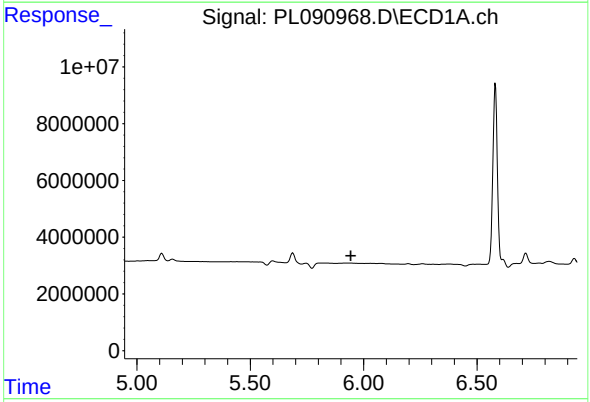
R.T.: 0.000 min
Exp R.T. : 5.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



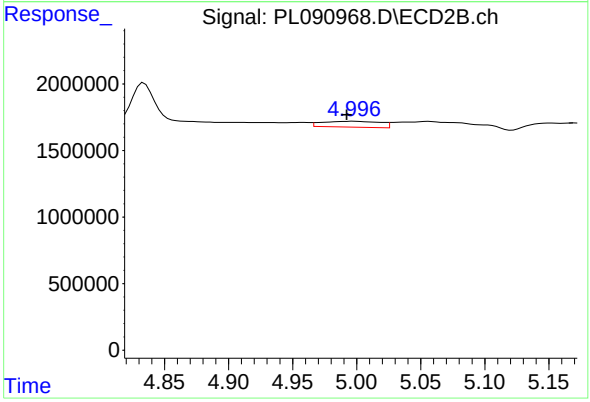
#24 Chlordane-2

R.T.: 4.340 min
Delta R.T.: -0.022 min
Response: 7709092
Conc: 92.69 ng/ml



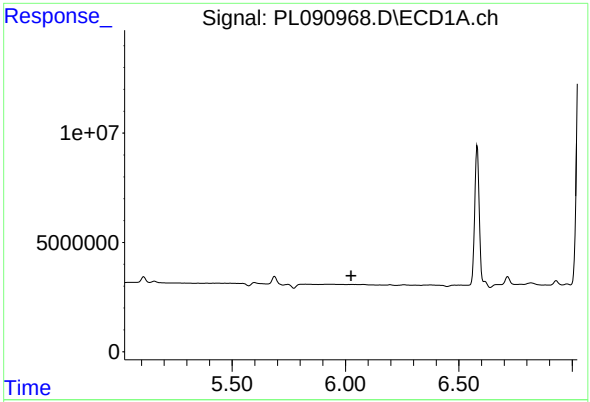
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.943 min
Response: 0
Conc: N.D.



#25 Chlordane-3

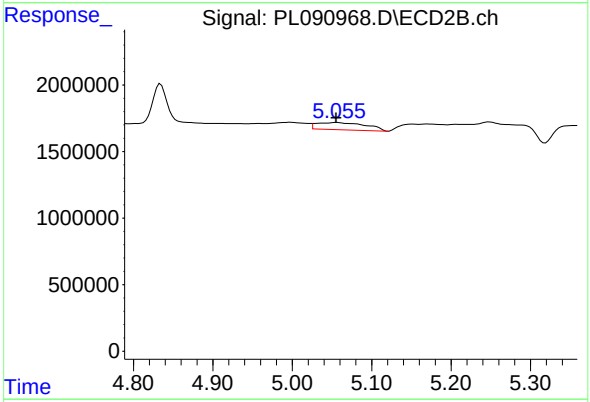
R.T.: 4.997 min
Delta R.T.: 0.005 min
Response: 1377769
Conc: 6.15 ng/ml



#26 Chlordane-4

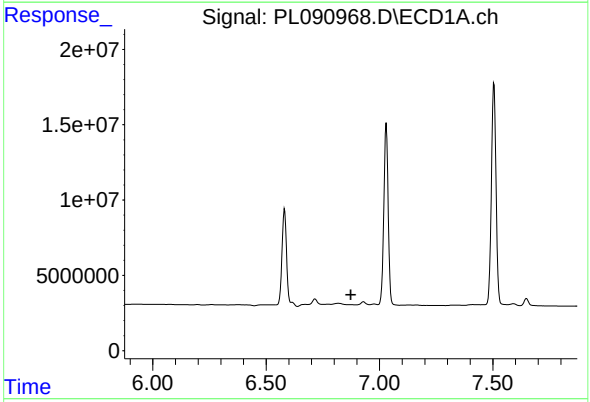
R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



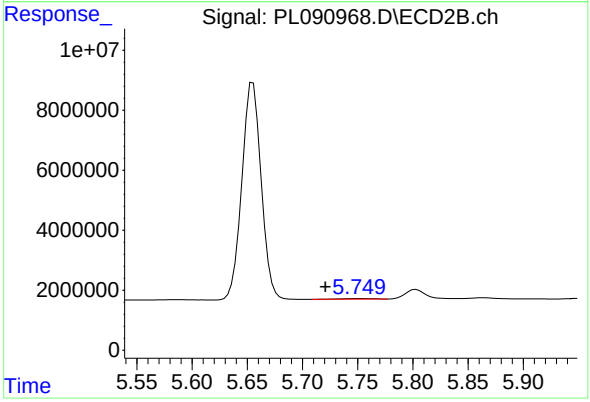
#26 Chlordane-4

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 2326833
Conc: 10.88 ng/ml



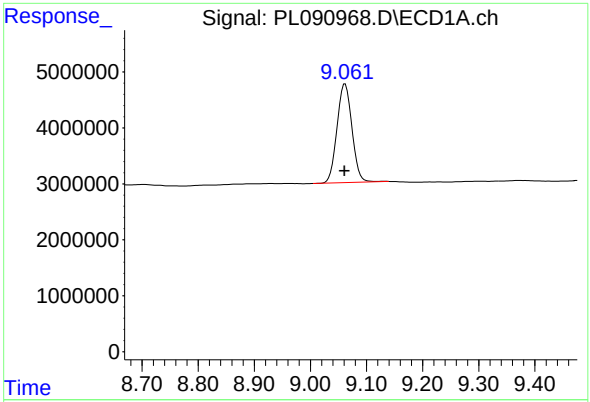
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.873 min
Response: 0
Conc: N.D.



#27 Chlordane-5

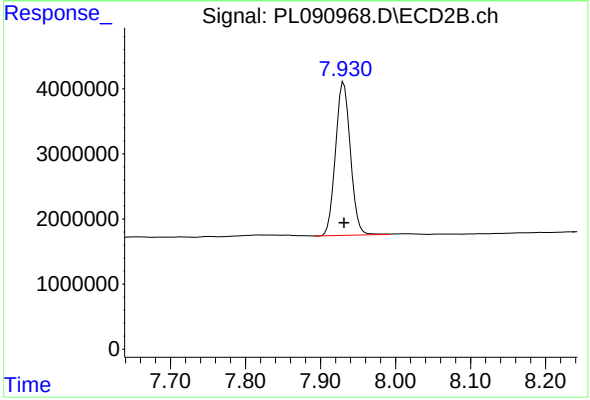
R.T.: 5.752 min
Delta R.T.: 0.031 min
Response: 439529
Conc: 6.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 32756271
Conc: 22.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 32469815
Conc: 19.45 ng/ml