Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080724\
Data File : PL090841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2024 11:48
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 08 01:24:05 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	37880796	31929273	19.564	18.469	
28)	SA Decachlor...	9.063	7.932	31569758	34214121	21.973	20.498	
	Target Compounds							
2)	A alpha-BHC	4.001	3.291	28218314	21638758	10.216	8.784	
3)	MA gamma-BHC...	4.334	3.622	26870616	20860160	10.217	8.910	
5)	MB Aldrin	0.000	4.259f	0	6747523	N.D.	3.043	#
6)	B beta-BHC	4.531	3.920	13175213	10633389	10.466	9.997	
7)	B delta-BHC	0.000	4.154	0	230445	N.D.	0.103	#
8)	B Heptachlo...	0.000	4.750	0	58614	N.D.	0.029	#
9)	A Endosulfan I	0.000	5.121	0	306097	N.D.	0.159	#
10)	B gamma-Chl...	0.000	5.005	0	266359	N.D.	0.125	#
11)	B alpha-Chl...	0.000	5.058	0	178920	N.D.	0.084	#
12)	B 4,4'-DDE	0.000	5.250	0	428243	N.D.	0.228	#
13)	MA Dieldrin	0.000	5.374	0	319755	N.D.	0.155	#
14)	MA Endrin	6.582	5.656	79513990	79956593	43.416	43.759	
15)	B Endosulfa...	6.822f	5.965f	2632382	755520	1.313	0.416	#
16)	A 4,4'-DDD	6.717	5.804	4295054	3040654	2.605	1.960	
17)	MA 4,4'-DDT	7.030	6.054	152.6E6	162.6E6	85.590	98.077	
18)	B Endrin al...	6.930	6.129	2709647	3045555	1.799	2.151	
19)	B Endosulfa...	0.000	6.350	0	356424	N.D.	0.204	#
20)	A Methoxychlor	7.506	6.630	198.7E6	210.8E6	208.178	228.379	
21)	B Endrin ke...	7.649	6.857	6470447	4606121	3.266	2.324	#
22)	Mirex	0.000	7.042	0	171861	N.D.	0.102	#
23)	Chlordane-1	0.000	3.797	0	62880	N.D.	0.933	#
24)	Chlordane-2	0.000	4.341f	0	16656829	N.D.	200.266	#
25)	Chlordane-3	0.000	5.005	0	266359	N.D.	1.189	#
26)	Chlordane-4	0.000	5.058	0	178920	N.D.	0.836	#
27)	Chlordane-5	0.000	5.751f	0	436304	N.D.	6.529	#

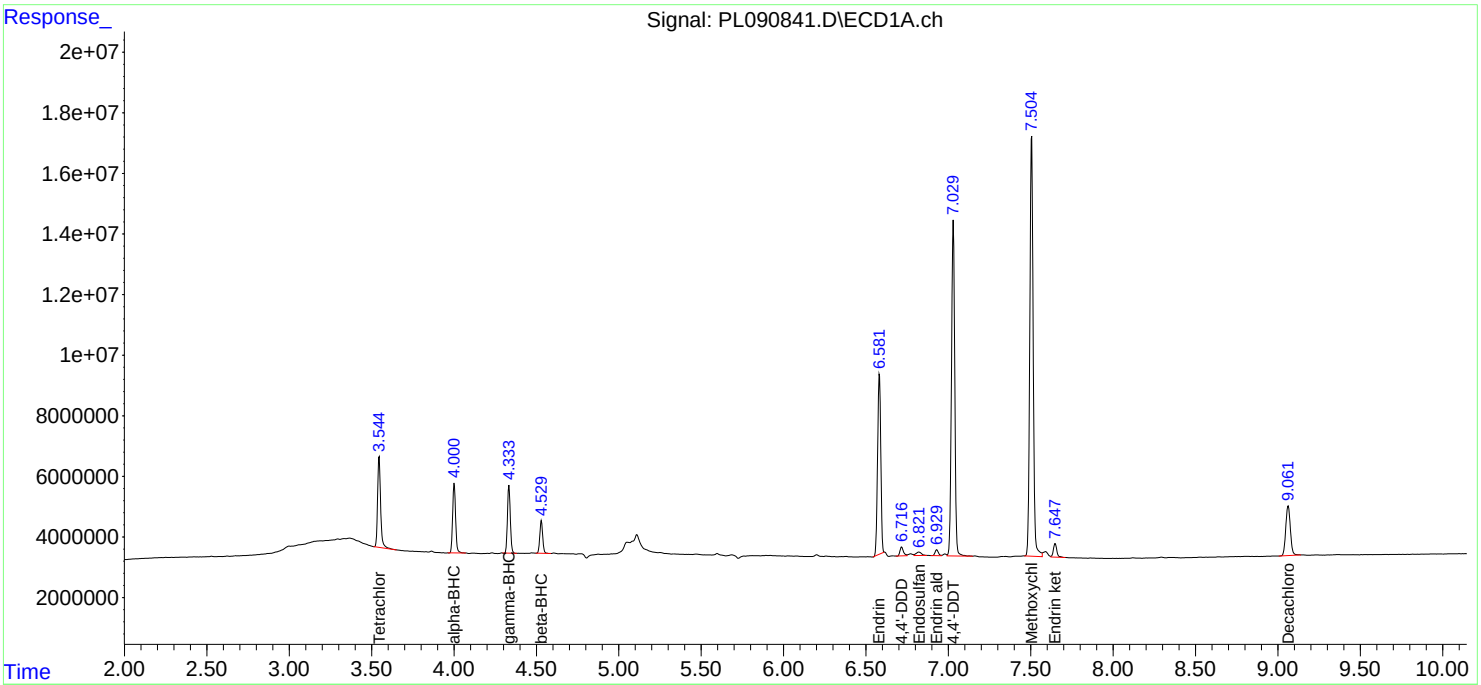
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

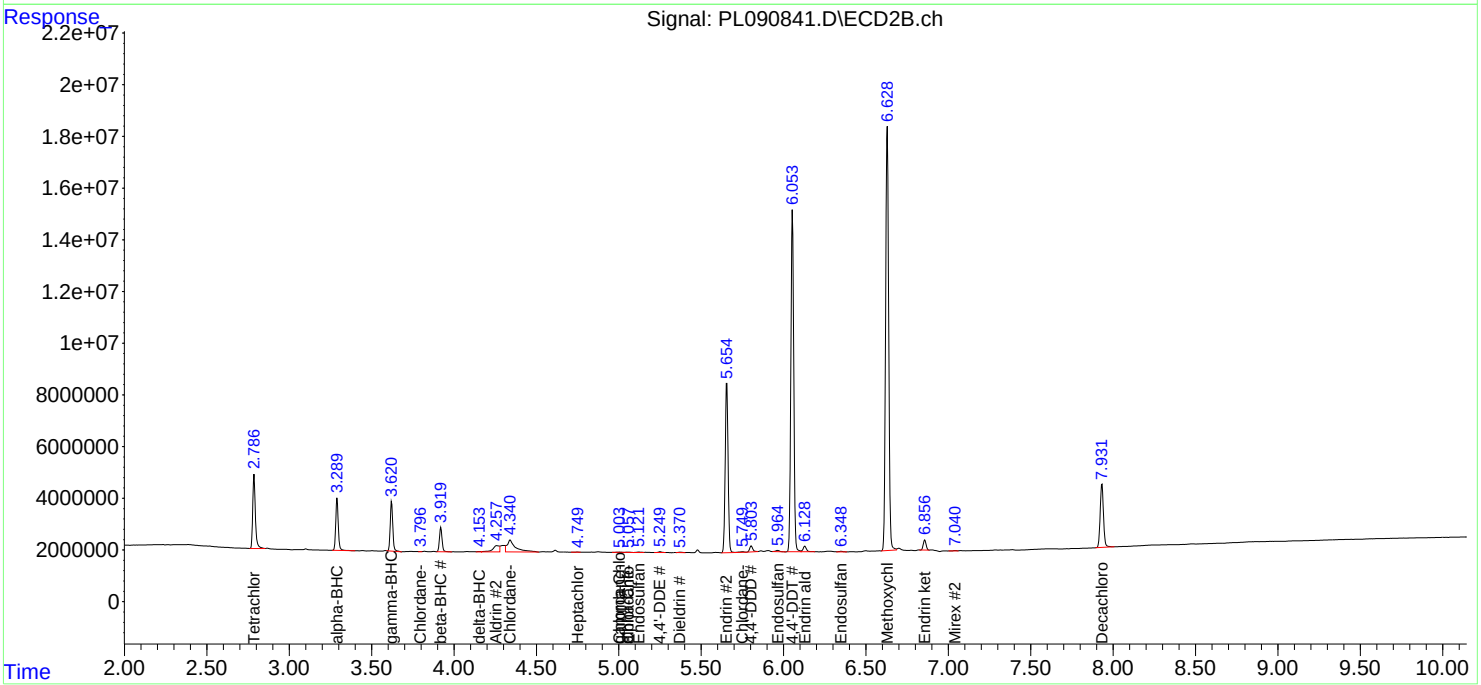
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080724\
Data File : PL090841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2024 11:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

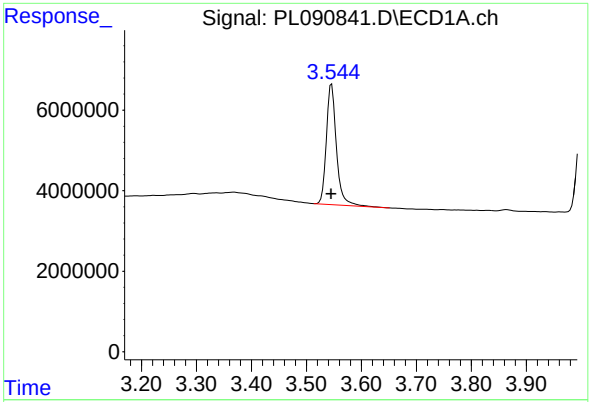
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 01:24:05 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



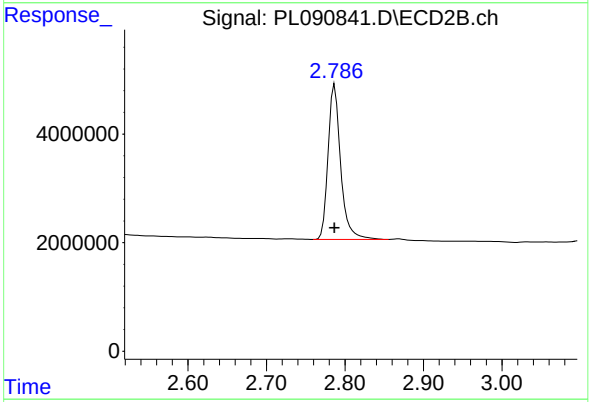




#1 Tetrachloro-m-xylene

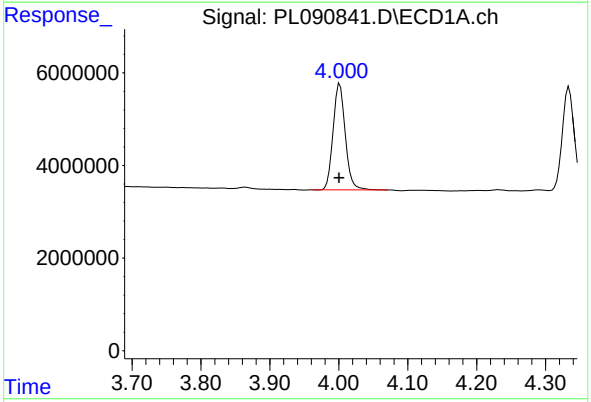
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 37880796
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



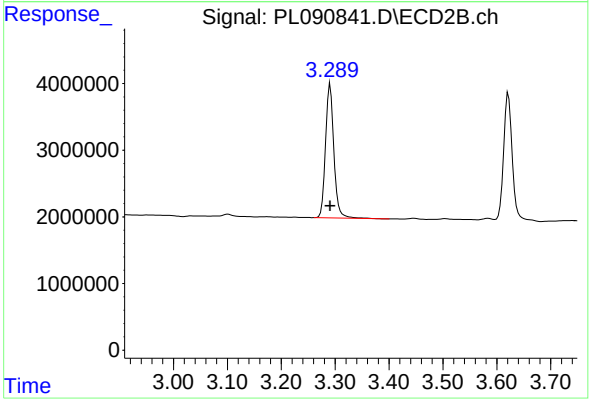
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 31929273
Conc: 18.47 ng/ml



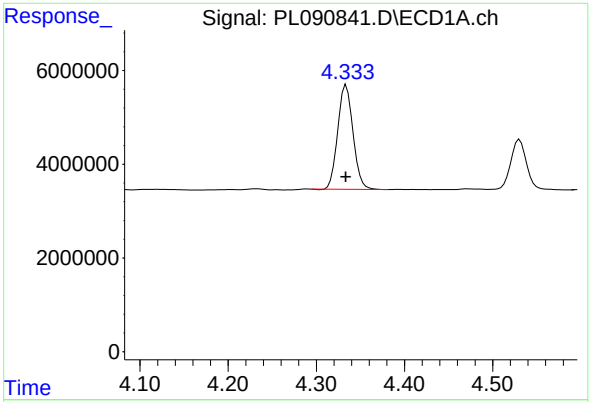
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 28218314
Conc: 10.22 ng/ml



#2 alpha-BHC

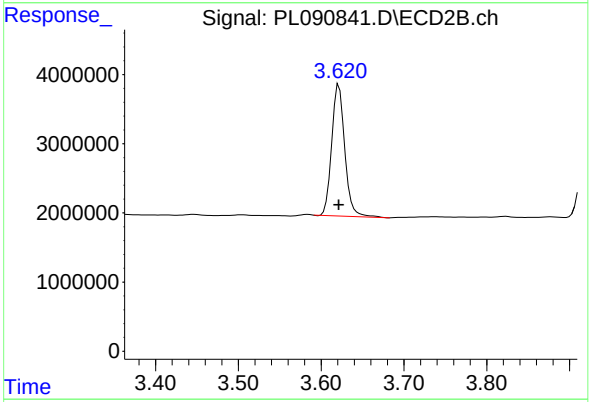
R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 21638758
Conc: 8.78 ng/ml



#3 gamma-BHC (Lindane)

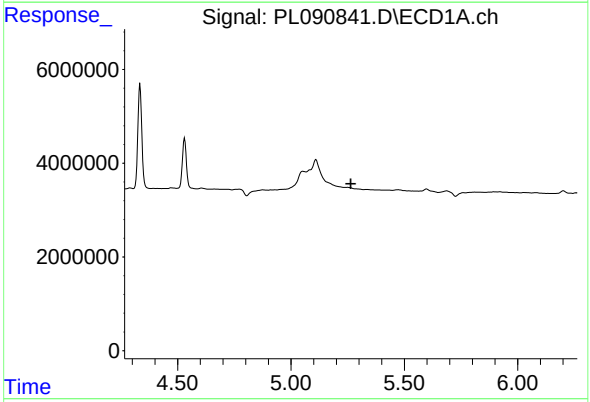
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 26870616
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



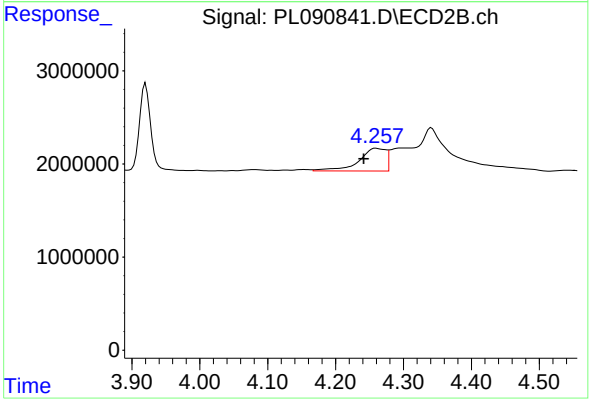
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: 0.000 min
Response: 20860160
Conc: 8.91 ng/ml



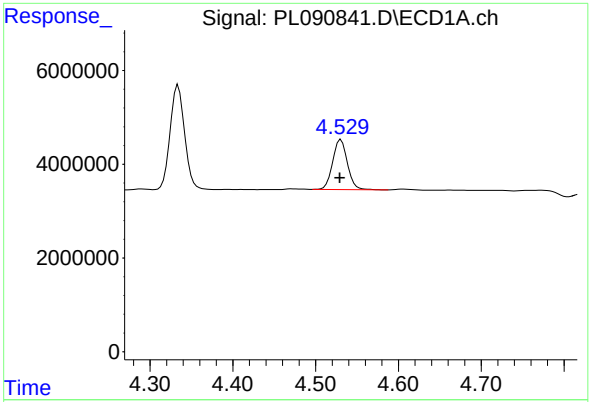
#5 Aldrin

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



#5 Aldrin

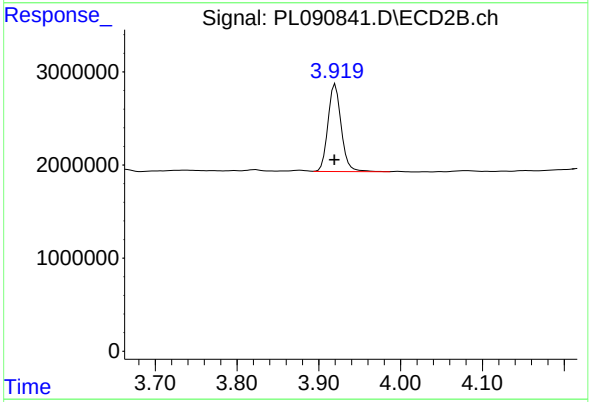
R.T.: 4.259 min
Delta R.T.: 0.018 min
Response: 6747523
Conc: 3.04 ng/ml



#6 beta-BHC

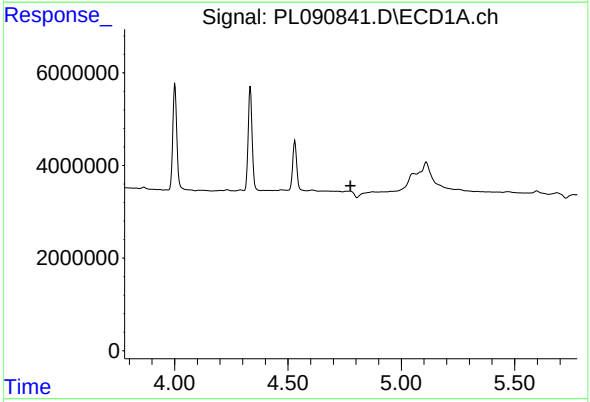
R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 13175213
Conc: 10.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



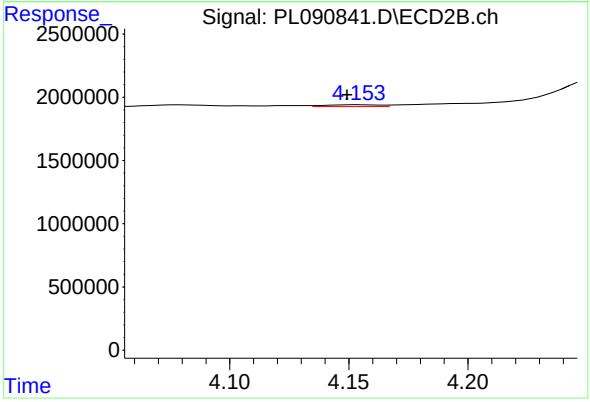
#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 10633389
Conc: 10.00 ng/ml



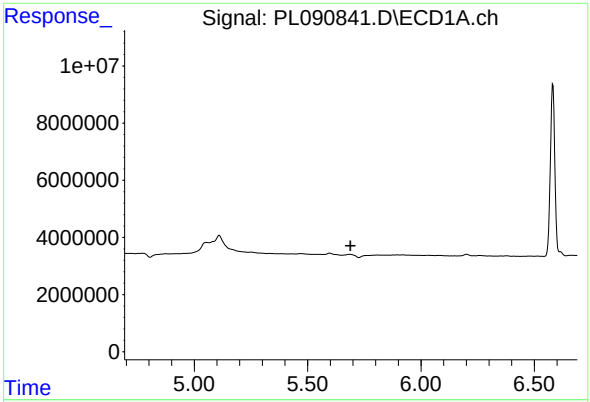
#7 delta-BHC

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



#7 delta-BHC

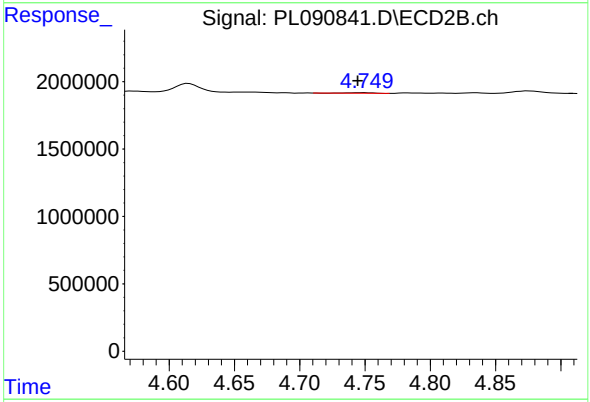
R.T.: 4.154 min
Delta R.T.: 0.005 min
Response: 230445
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

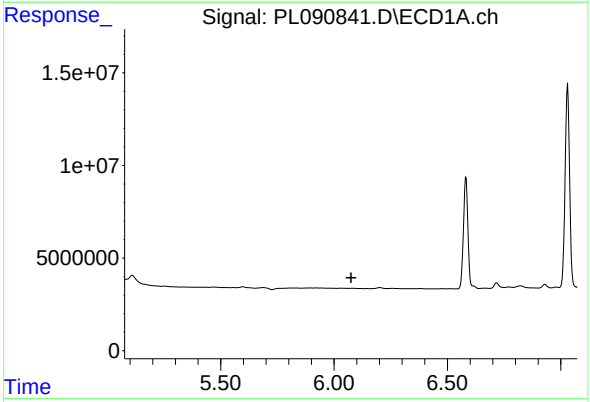
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



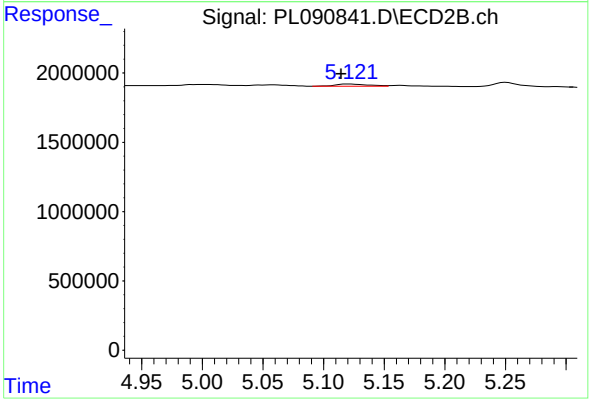
#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: 0.005 min
Response: 58614
Conc: 0.03 ng/ml



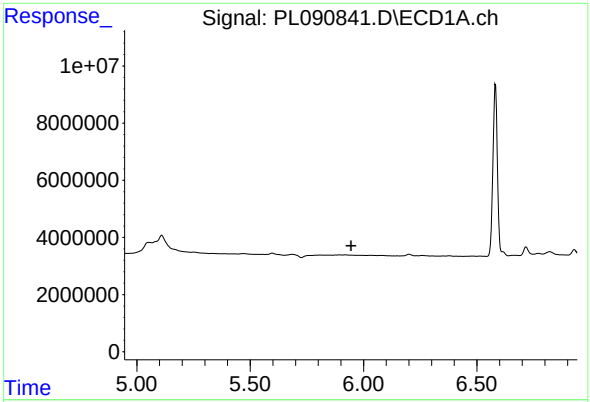
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.075 min
Response: 0
Conc: N.D.



#9 Endosulfan I

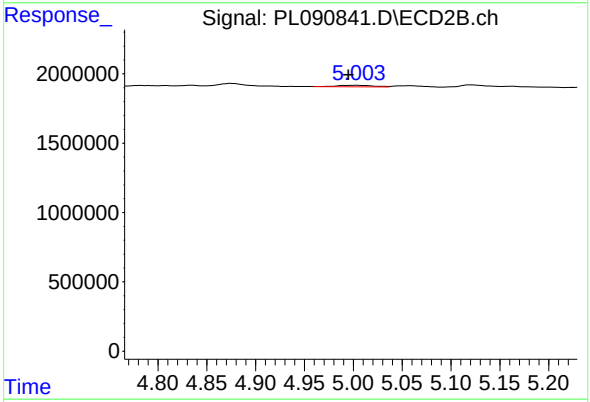
R.T.: 5.121 min
Delta R.T.: 0.006 min
Response: 306097
Conc: 0.16 ng/ml



#10 gamma-Chlordane

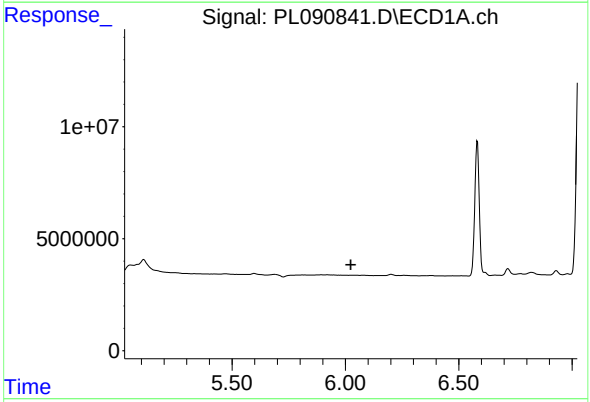
R.T.: 0.000 min
Exp R.T. : 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



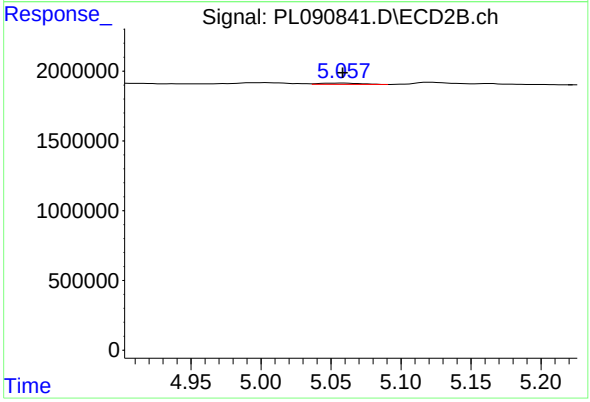
#10 gamma-Chlordane

R.T.: 5.005 min
Delta R.T.: 0.010 min
Response: 266359
Conc: 0.12 ng/ml



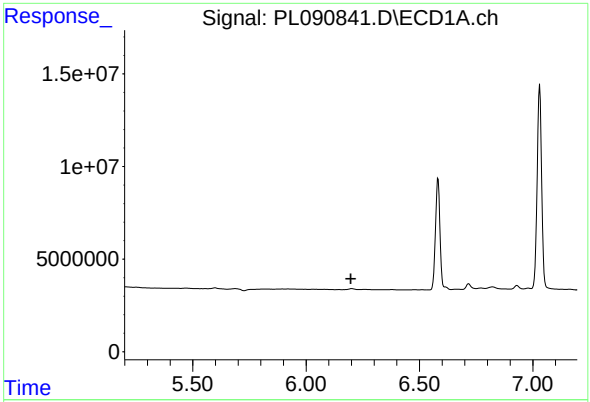
#11 alpha-Chlordane

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



#11 alpha-Chlordane

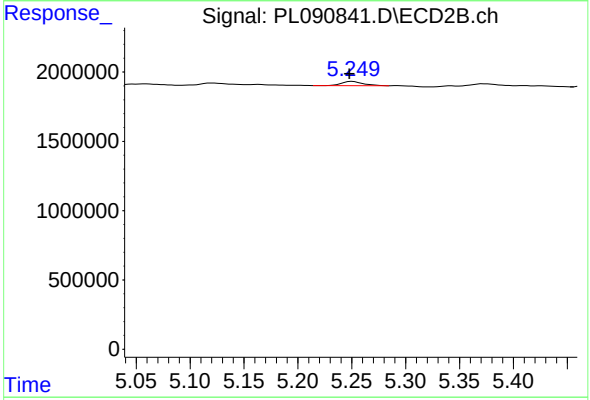
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 178920
Conc: 0.08 ng/ml



#12 4,4'-DDE

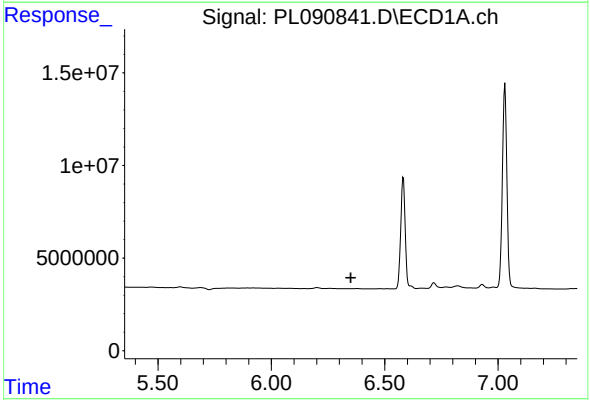
R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



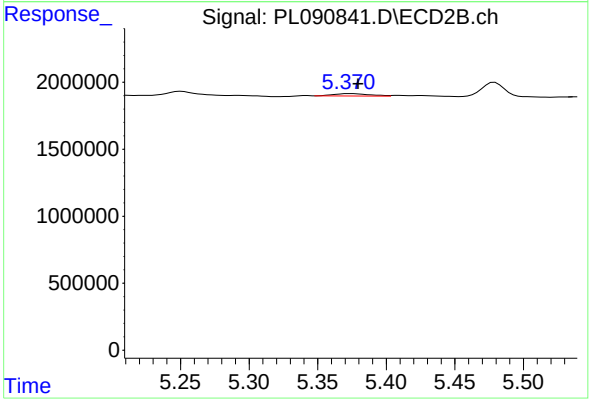
#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: 0.003 min
Response: 428243
Conc: 0.23 ng/ml



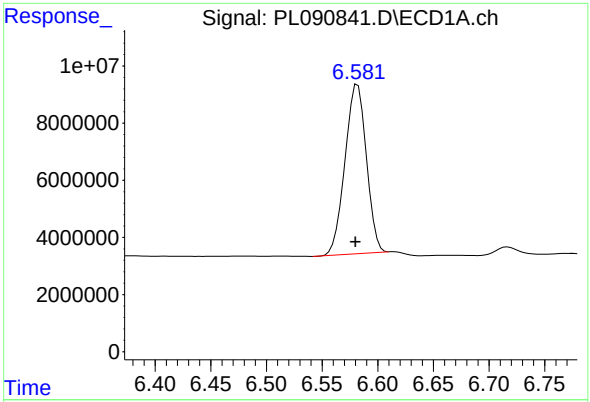
#13 Dieldrin

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



#13 Dieldrin

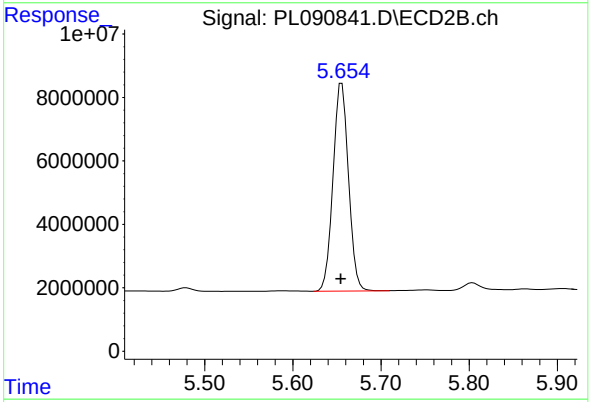
R.T.: 5.374 min
Delta R.T.: -0.006 min
Response: 319755
Conc: 0.15 ng/ml



#14 Endrin

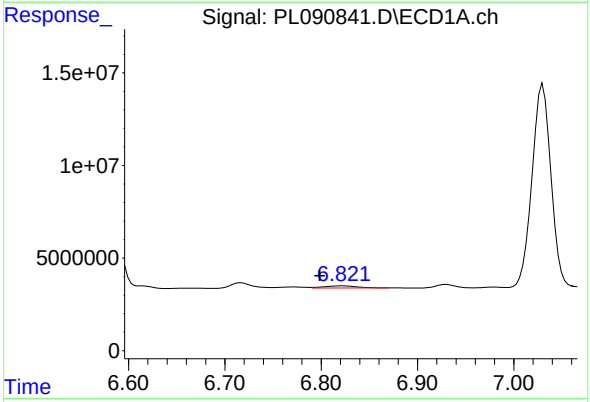
R.T.: 6.582 min
Delta R.T.: 0.002 min
Response: 79513990
Conc: 43.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



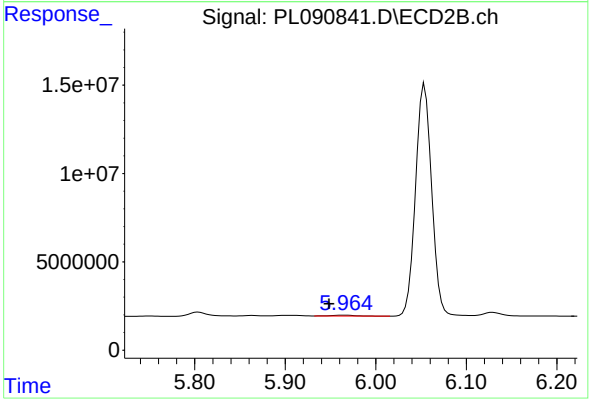
#14 Endrin

R.T.: 5.656 min
Delta R.T.: 0.001 min
Response: 79956593
Conc: 43.76 ng/ml



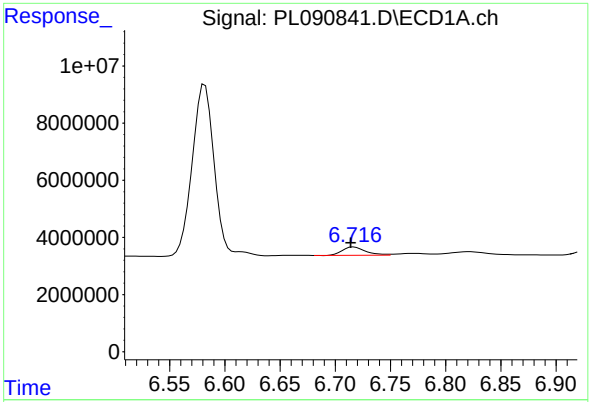
#15 Endosulfan II

R.T.: 6.822 min
Delta R.T.: 0.023 min
Response: 2632382
Conc: 1.31 ng/ml



#15 Endosulfan II

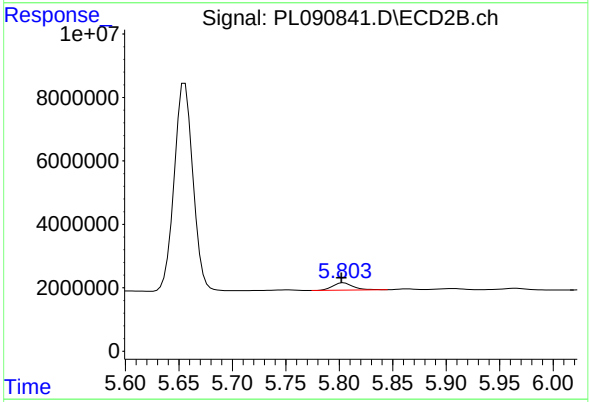
R.T.: 5.965 min
Delta R.T.: 0.017 min
Response: 755520
Conc: 0.42 ng/ml



#16 4,4'-DDD

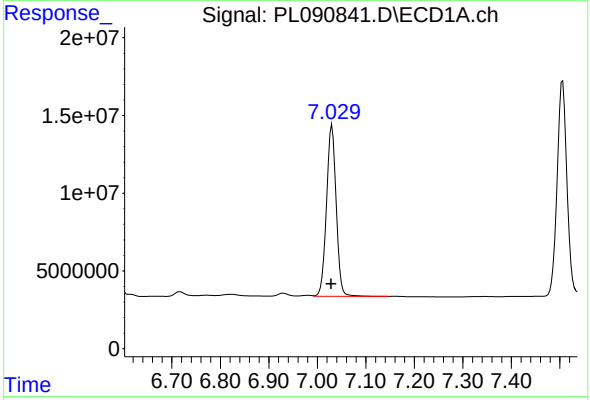
R.T.: 6.717 min
Delta R.T.: 0.003 min
Response: 4295054
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



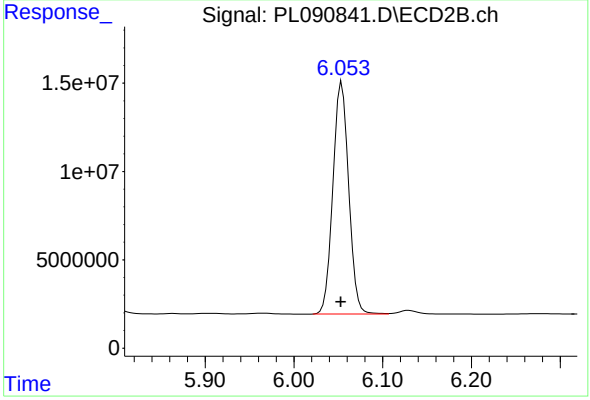
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: 0.002 min
Response: 3040654
Conc: 1.96 ng/ml



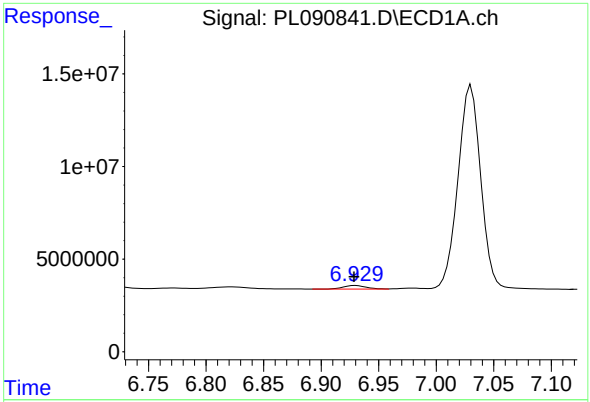
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.002 min
Response: 152588719
Conc: 85.59 ng/ml



#17 4,4'-DDT

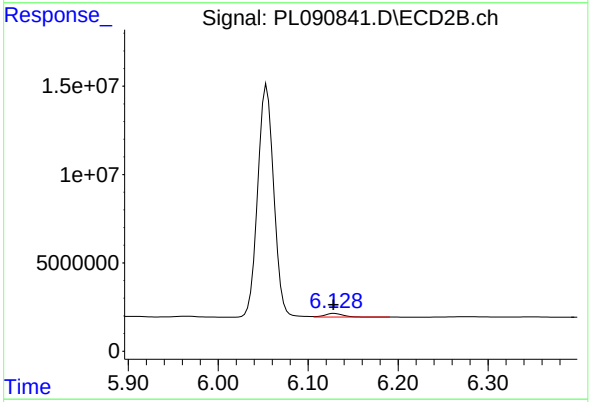
R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 162639114
Conc: 98.08 ng/ml



#18 Endrin aldehyde

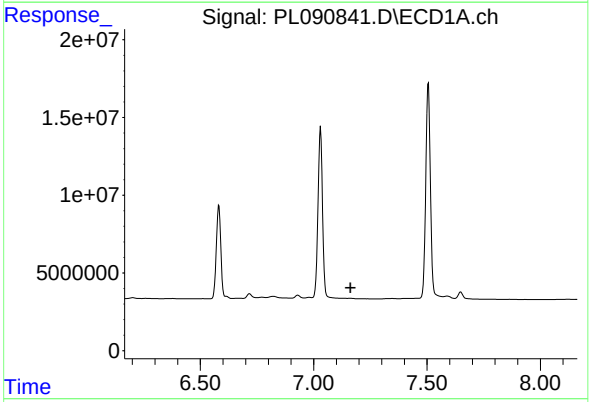
R.T.: 6.930 min
Delta R.T.: 0.001 min
Response: 2709647
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



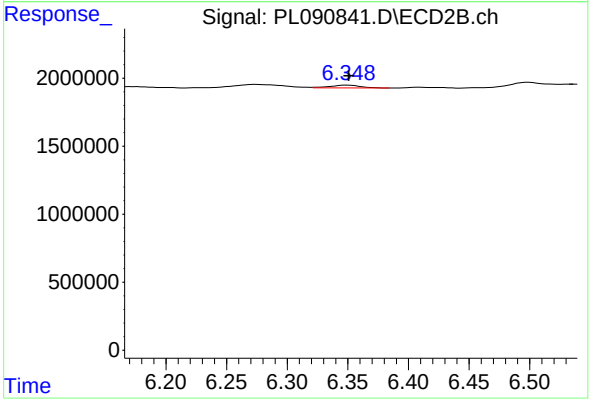
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.002 min
Response: 3045555
Conc: 2.15 ng/ml



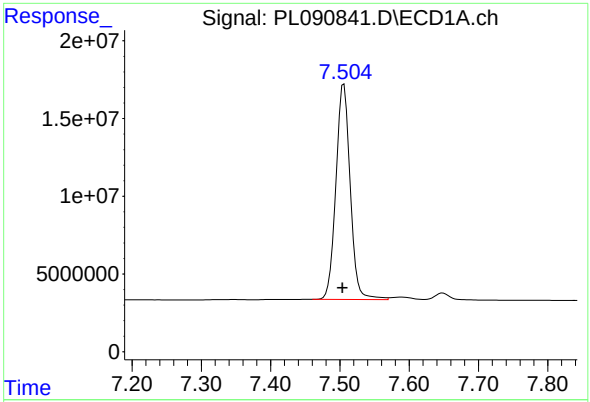
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

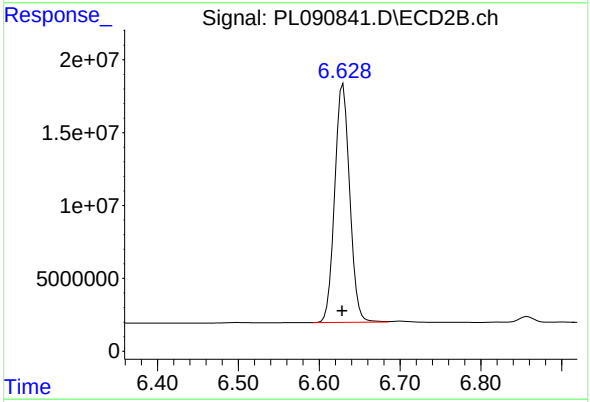
R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 356424
Conc: 0.20 ng/ml



#20 Methoxychlor

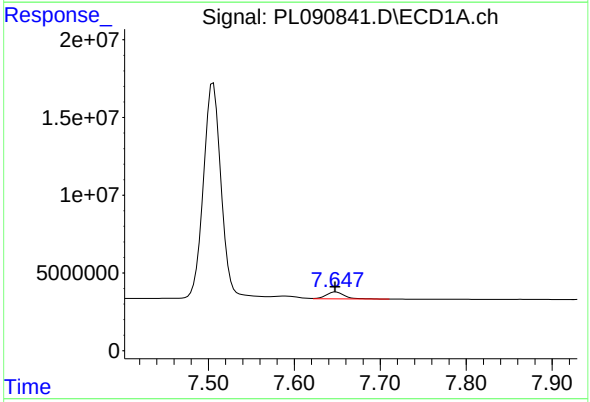
R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 198651960
Conc: 208.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



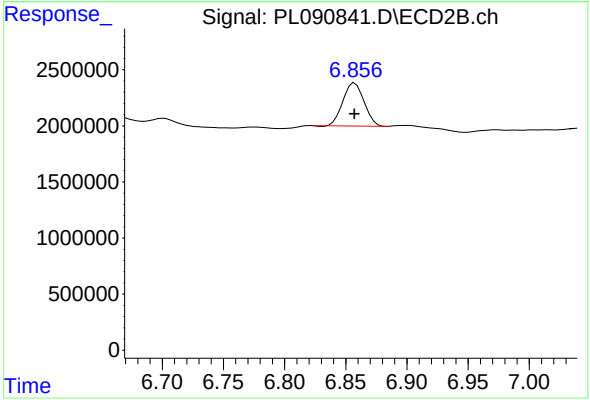
#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.001 min
Response: 210801756
Conc: 228.38 ng/ml



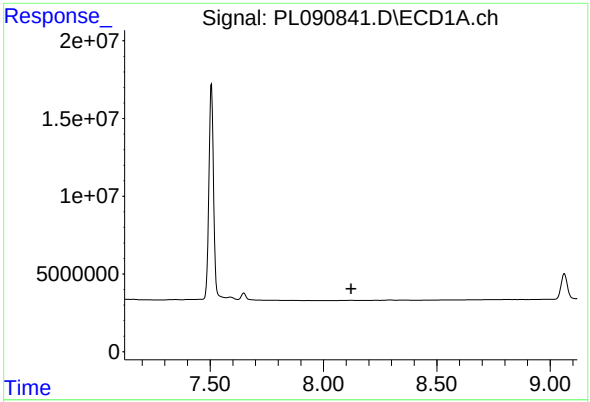
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.001 min
Response: 6470447
Conc: 3.27 ng/ml



#21 Endrin ketone

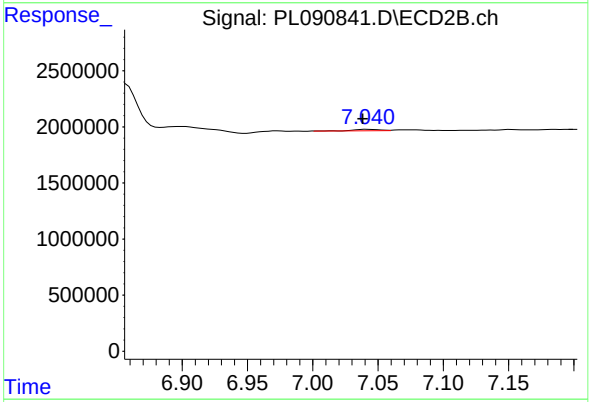
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 4606121
Conc: 2.32 ng/ml



#22 Mirex

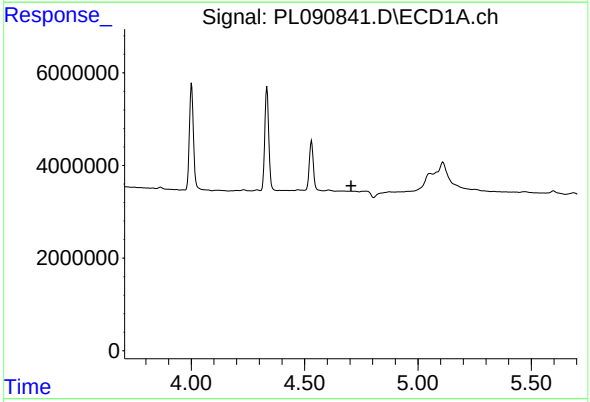
R.T.: 0.000 min
Exp R.T. : 8.121 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



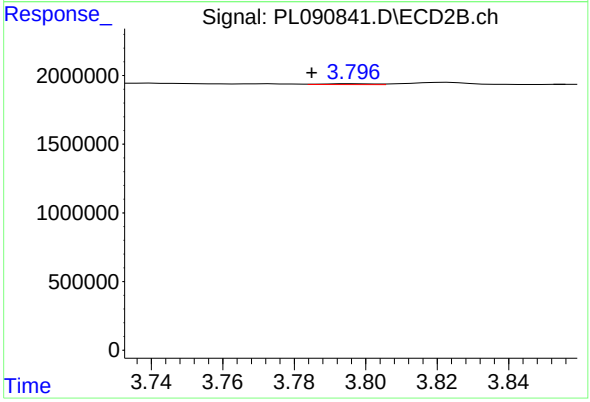
#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.004 min
Response: 171861
Conc: 0.10 ng/ml



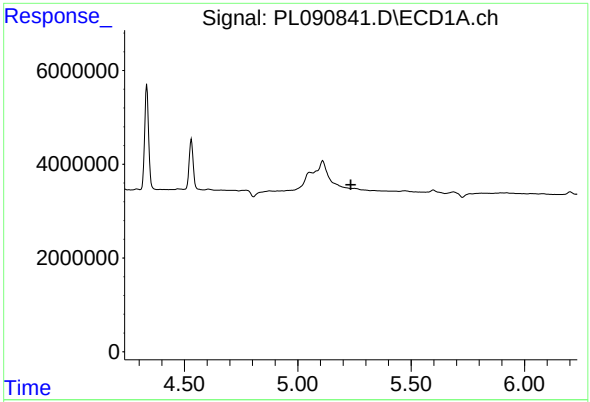
#23 Chlordane-1

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



#23 Chlordane-1

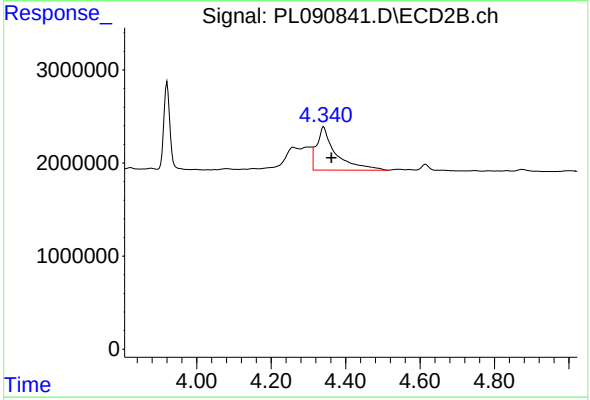
R.T.: 3.797 min
Delta R.T.: 0.012 min
Response: 62880
Conc: 0.93 ng/ml



#24 Chlordane-2

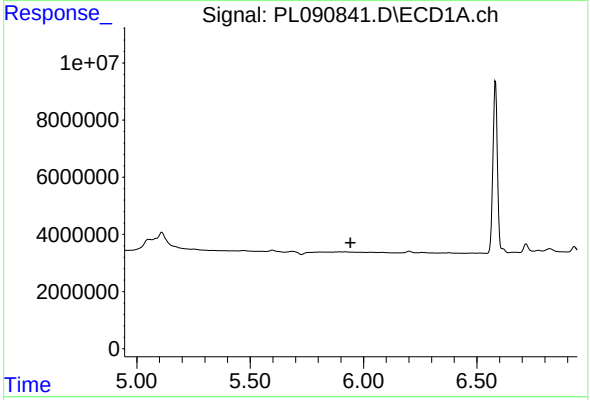
R.T.: 0.000 min
Exp R.T. : 5.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



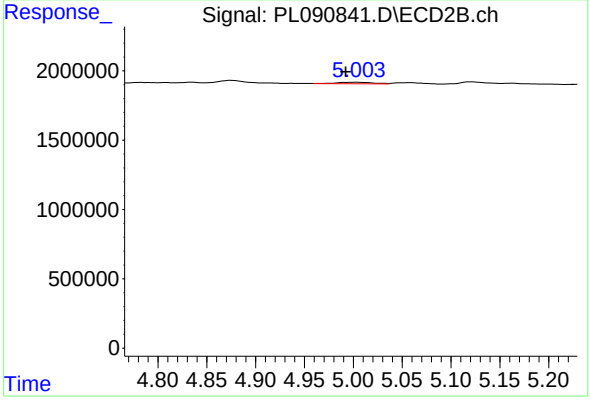
#24 Chlordane-2

R.T.: 4.341 min
Delta R.T.: -0.021 min
Response: 16656829
Conc: 200.27 ng/ml



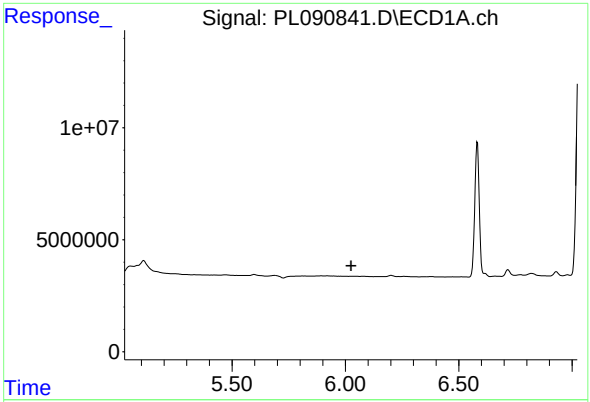
#25 Chlordane-3

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



#25 Chlordane-3

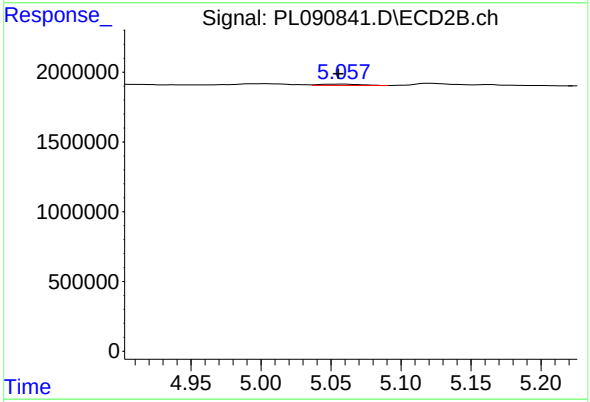
R.T.: 5.005 min
Delta R.T.: 0.012 min
Response: 266359
Conc: 1.19 ng/ml



#26 Chlordane-4

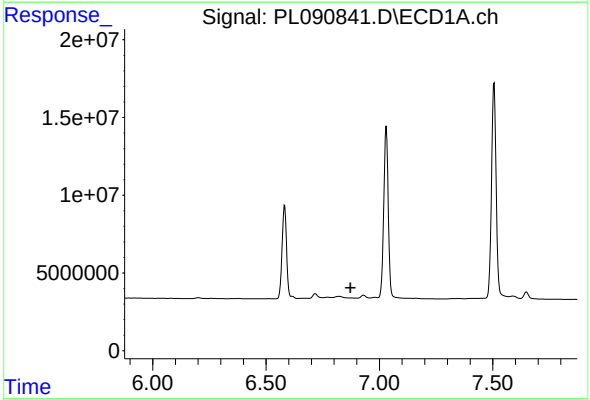
R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



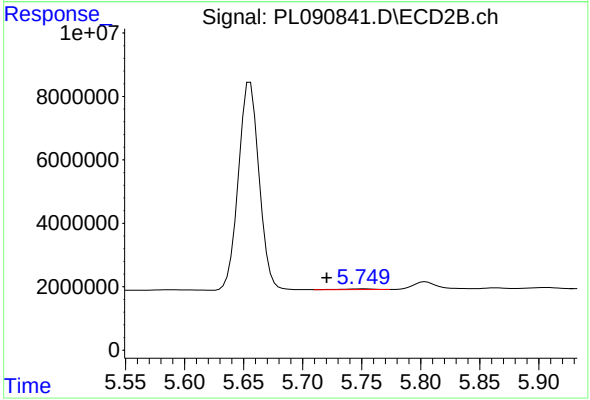
#26 Chlordane-4

R.T.: 5.058 min
Delta R.T.: 0.003 min
Response: 178920
Conc: 0.84 ng/ml



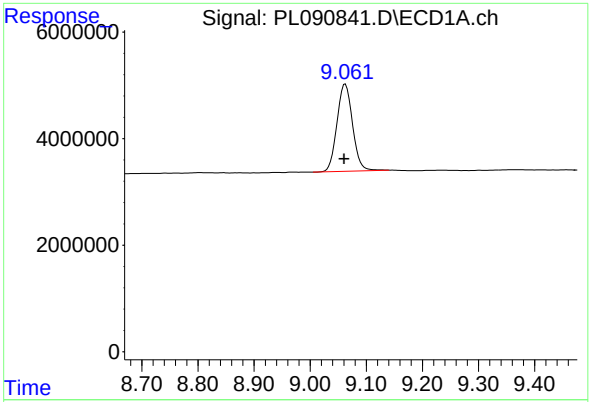
#27 Chlordane-5

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



#27 Chlordane-5

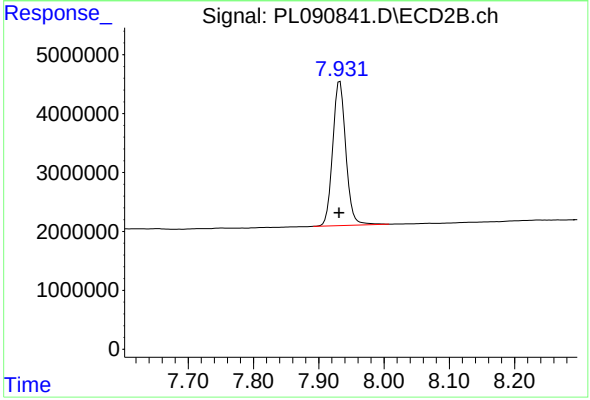
R.T.: 5.751 min
Delta R.T.: 0.031 min
Response: 436304
Conc: 6.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.002 min
Response: 31569758
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.001 min
Response: 34214121
Conc: 20.50 ng/ml