Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2023 09:30
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 21 06:08:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Fri Jan 20 17:01:11 2023
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...	3.353	2.691	46682513	46206677	21.765	21.037	
28)	SA Decachlor...	8.792	7.840	37571508	47500027	21.460	19.937	
	Target Compounds							
2)	A alpha-BHC	3.801	3.192	31590558	29520387	9.972	9.282	
3)	MA gamma-BHC...	4.130	3.520	30657385	28569478	10.429	9.564	
5)	MB Aldrin	5.033f	4.150	9674	7948202	0.004	2.695	#
6)	B beta-BHC	4.325	3.817	15484799	14847959	11.344	11.125	
7)	B delta-BHC	4.567	4.045	446967	3357755	0.154	1.164	#
8)	B Heptachlo...	5.476	4.615f	16170389	51248	6.250	0.018	#
9)	A Endosulfan I	5.851	0.000	483887	0	0.205	N.D.	#
10)	B gamma-Chl...	0.000	4.903	0	1984821	N.D.	0.700	#
11)	B alpha-Chl...	0.000	4.961	0	8633056	N.D.	3.014	#
12)	B 4,4'-DDE	5.989	5.152	991632	2042124	0.445	0.866	#
14)	MA Endrin	6.361	5.553	109.5E6	104.3E6	50.649	44.956	
15)	B Endosulfa...	6.565	5.869f	699435	2424996	0.305	1.164	#
16)	A 4,4'-DDD	6.503	5.705	17623531	13090358	9.620	6.966	#
17)	MA 4,4'-DDT	6.816	5.957	176.9E6	194.9E6	85.135	92.758	
18)	B Endrin al...	6.709	6.028	3839073	4279744	2.308	2.344	
19)	B Endosulfa...	6.920f	6.247	1357882	393854	0.656	0.169	#
20)	A Methoxychlor	7.294	6.535	230.3E6	250.6E6	208.720	206.488	
21)	B Endrin ke...	7.422	6.754	9808877	10512989	4.446	4.118	
22)	Mirex	7.902	6.959f	400374	-294076	0.233	N.D.	#
23)	Chlordane-1	0.000	3.690	0	145286	N.D.	1.784	#
24)	Chlordane-2	5.033	4.282f	9674	10448620	0.100	115.892	#
25)	Chlordane-3	0.000	4.903	0	1984821	N.D.	7.526	#
26)	Chlordane-4	0.000	4.961	0	8633056	N.D.	32.058	#
27)	Chlordane-5	0.000	5.629	0	154729	N.D.	2.175	#

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

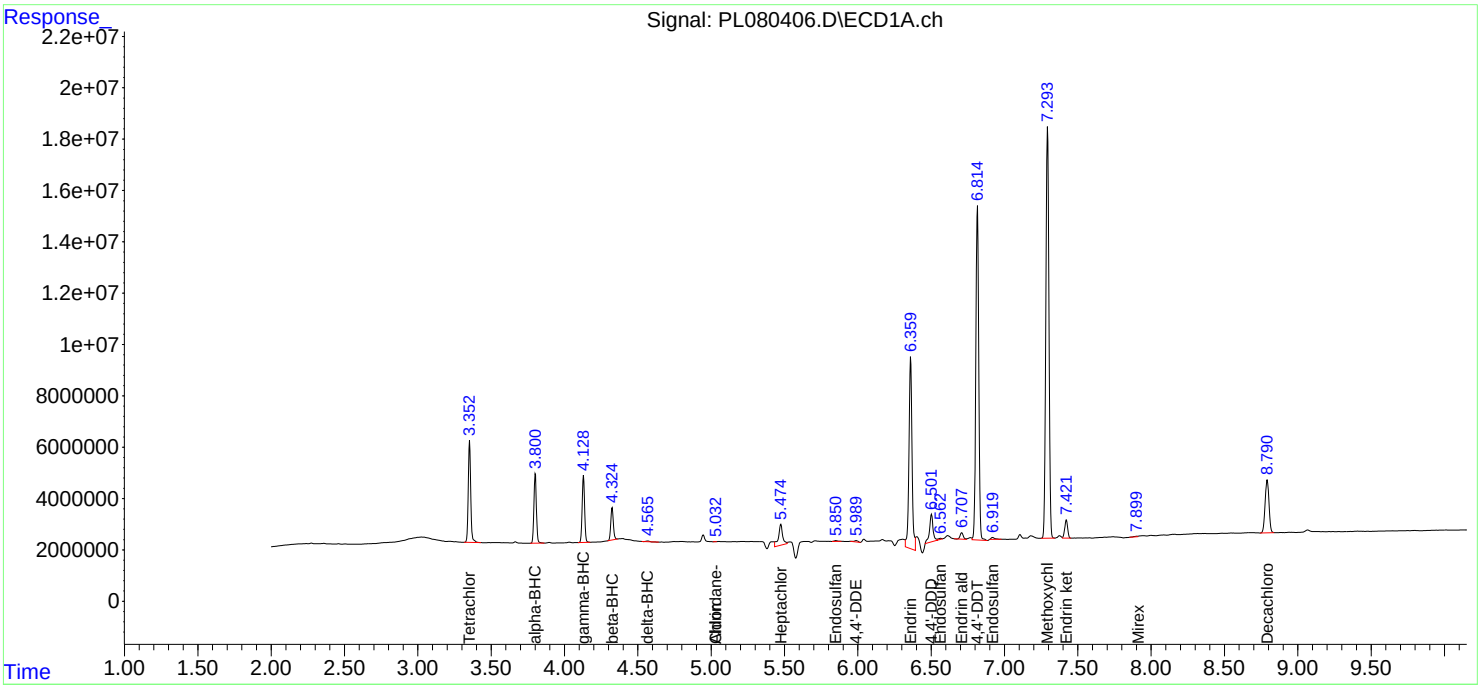
Quantitation Report (Not Reviewed)

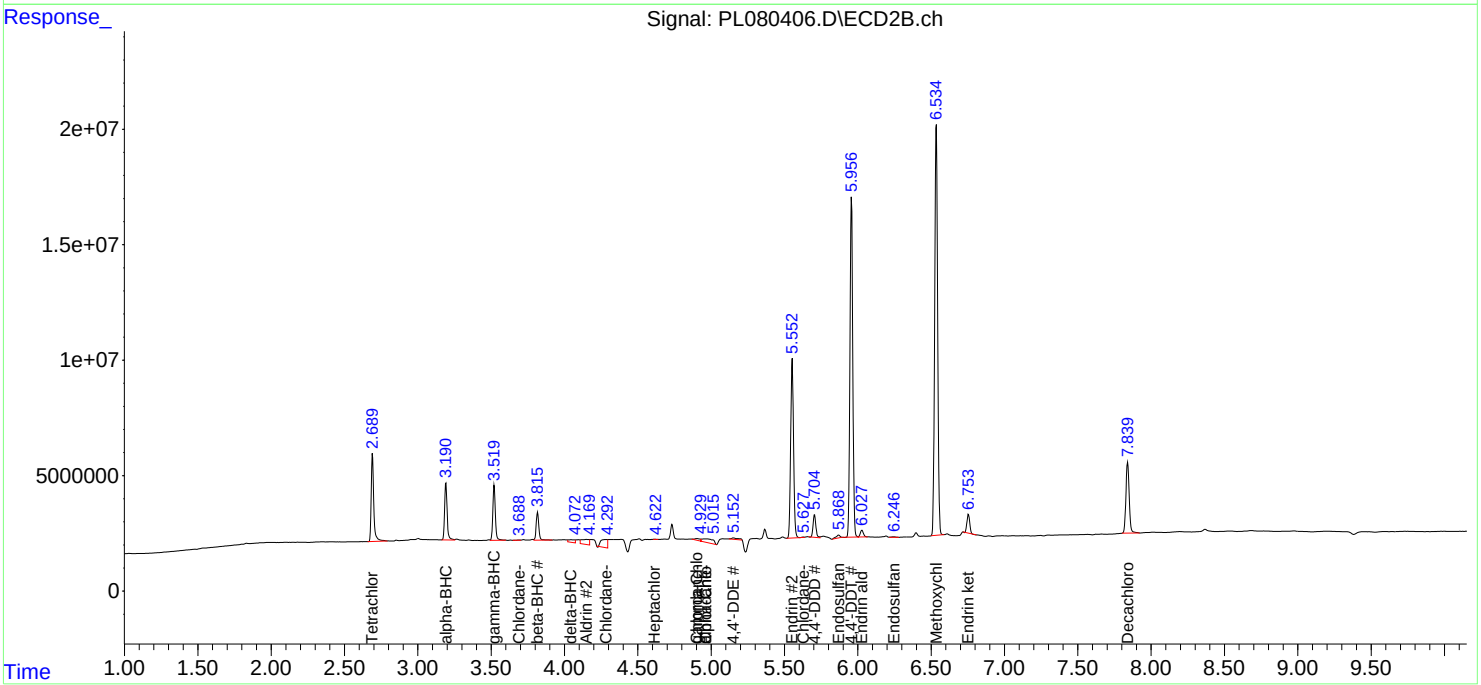
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2023 09:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

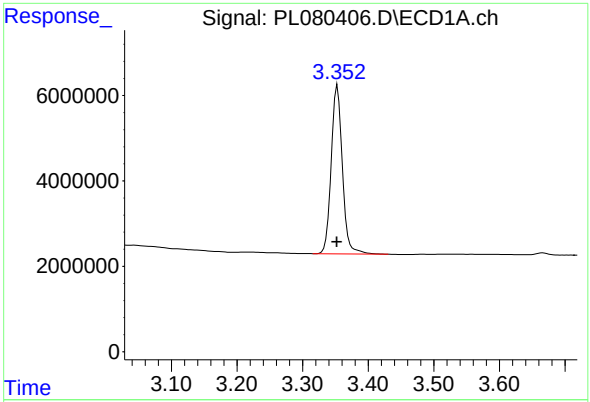
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 06:08:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Fri Jan 20 17:01:11 2023
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



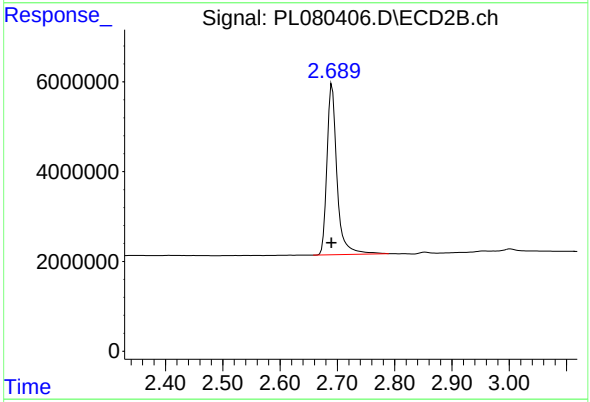




#1 Tetrachloro-m-xylene

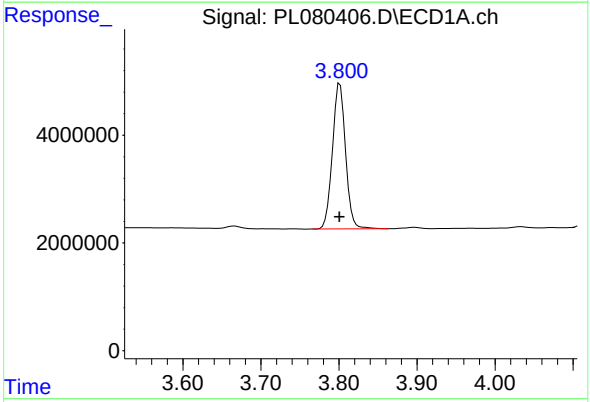
R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 46682513
Conc: 21.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



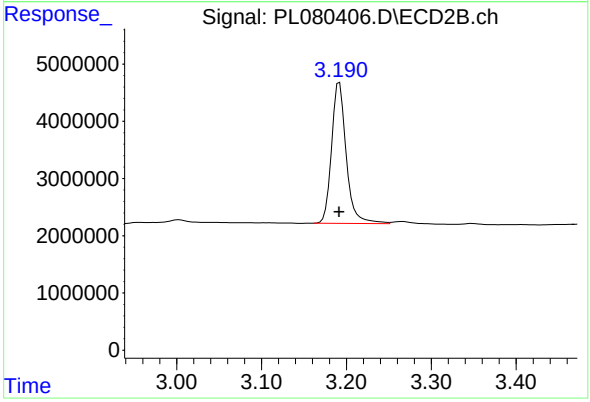
#1 Tetrachloro-m-xylene

R.T.: 2.691 min
Delta R.T.: 0.001 min
Response: 46206677
Conc: 21.04 ng/ml



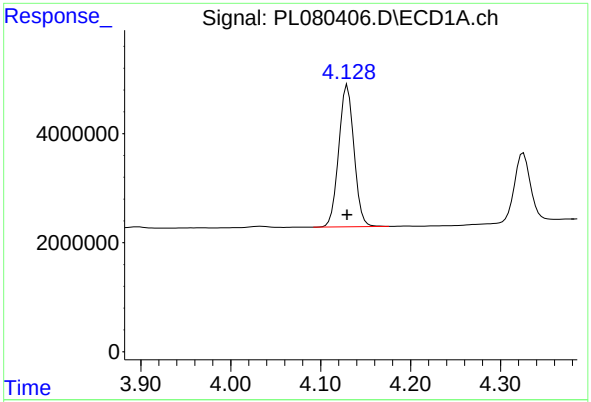
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 31590558
Conc: 9.97 ng/ml



#2 alpha-BHC

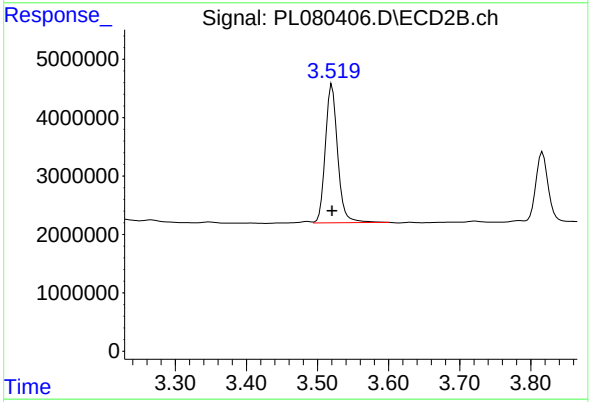
R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 29520387
Conc: 9.28 ng/ml



#3 gamma-BHC (Lindane)

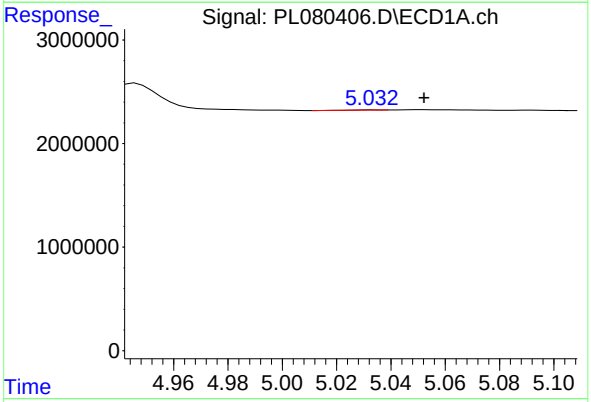
R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 30657385
Conc: 10.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



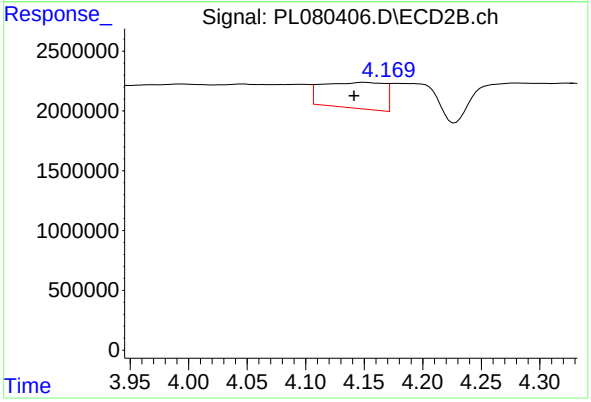
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 28569478
Conc: 9.56 ng/ml



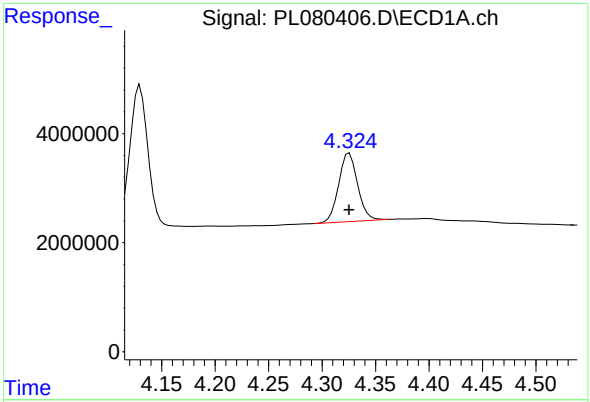
#5 Aldrin

R.T.: 5.033 min
Delta R.T.: -0.019 min
Response: 9674
Conc: 0.00 ng/ml



#5 Aldrin

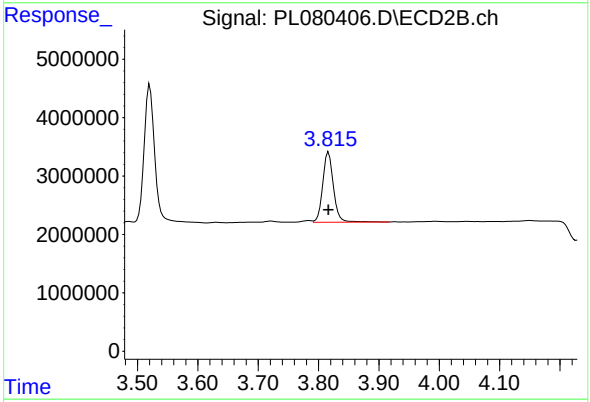
R.T.: 4.150 min
Delta R.T.: 0.009 min
Response: 7948202
Conc: 2.69 ng/ml



#6 beta-BHC

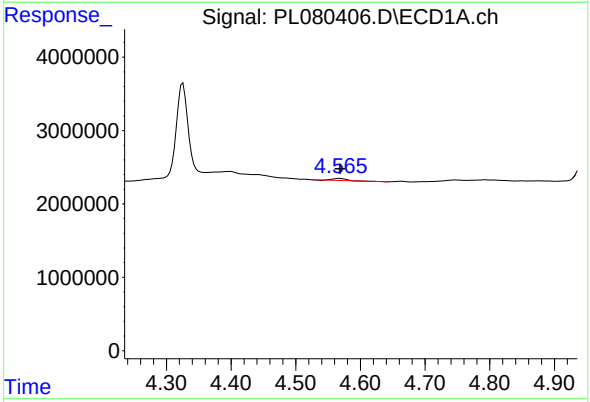
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 15484799
Conc: 11.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



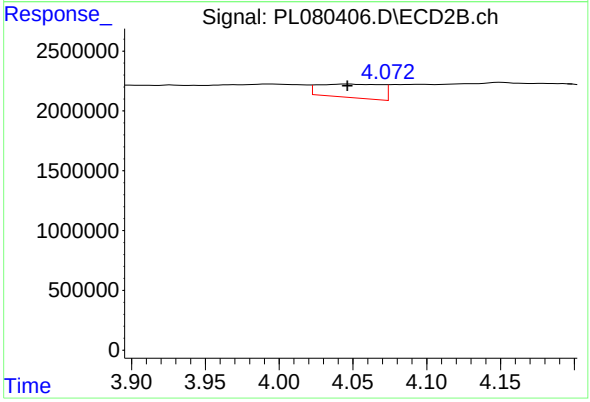
#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 14847959
Conc: 11.13 ng/ml



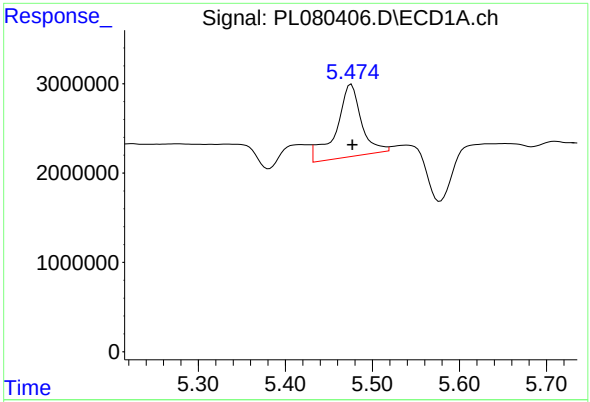
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 446967
Conc: 0.15 ng/ml



#7 delta-BHC

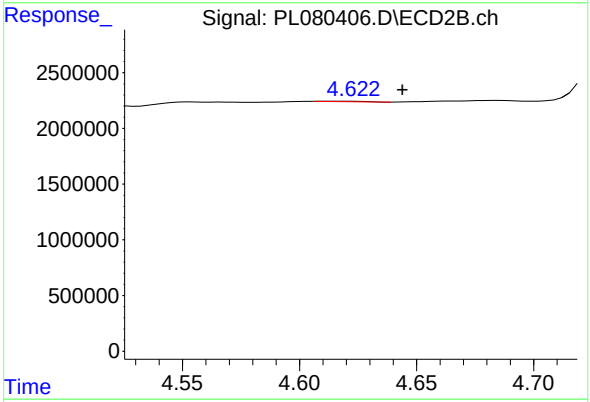
R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 3357755
Conc: 1.16 ng/ml



#8 Heptachlor epoxide

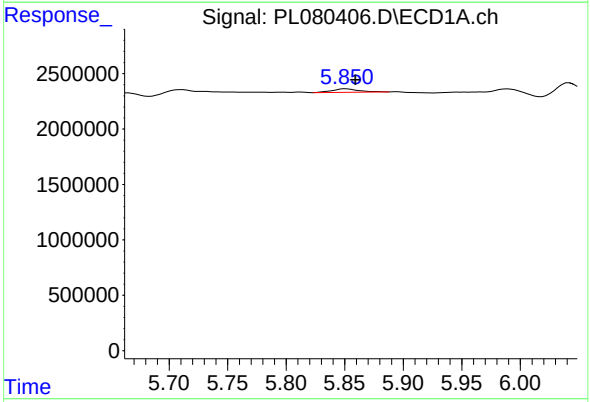
R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 16170389
Conc: 6.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



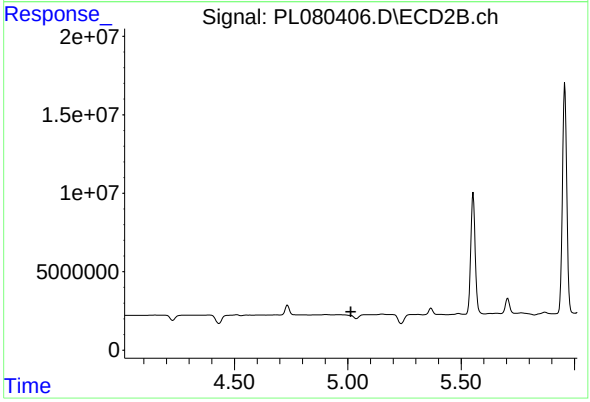
#8 Heptachlor epoxide

R.T.: 4.615 min
Delta R.T.: -0.029 min
Response: 51248
Conc: 0.02 ng/ml



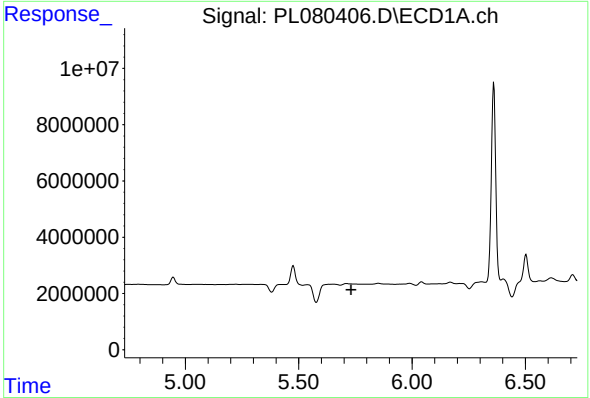
#9 Endosulfan I

R.T.: 5.851 min
Delta R.T.: -0.008 min
Response: 483887
Conc: 0.20 ng/ml



#9 Endosulfan I

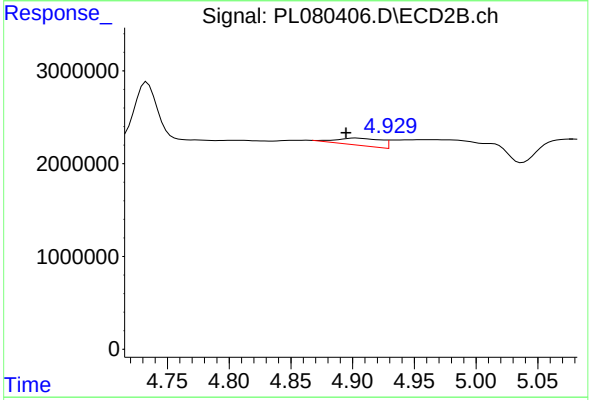
R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

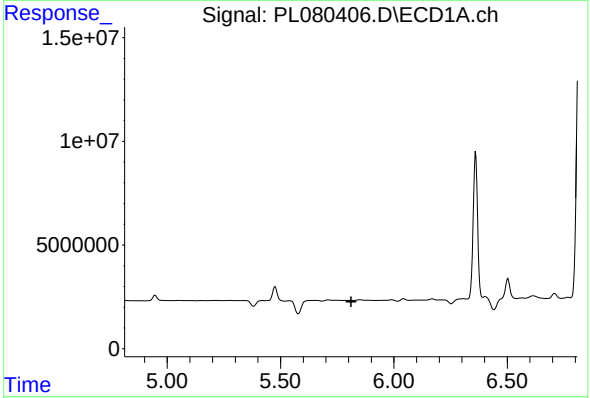
R.T.: 0.000 min
Exp R.T. : 5.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



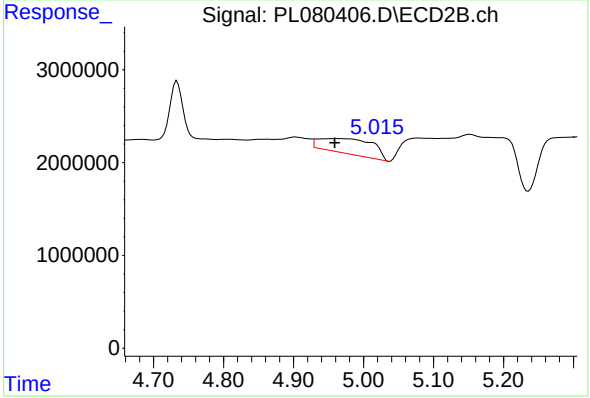
#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: 0.008 min
Response: 1984821
Conc: 0.70 ng/ml



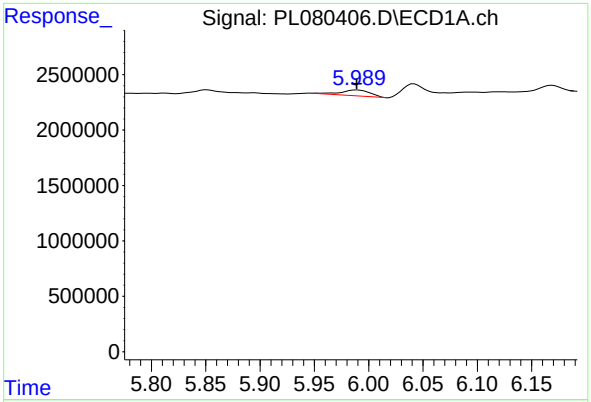
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

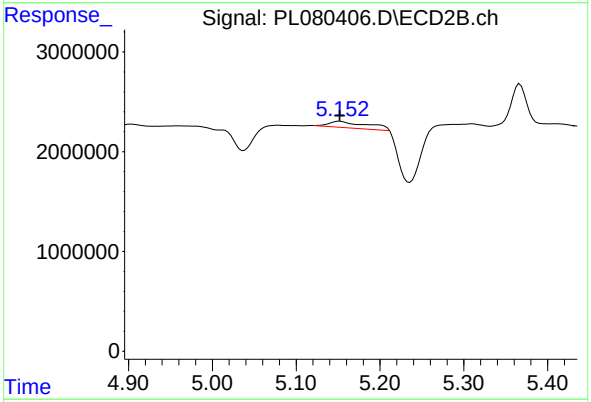
R.T.: 4.961 min
Delta R.T.: 0.002 min
Response: 8633056
Conc: 3.01 ng/ml



#12 4,4'-DDE

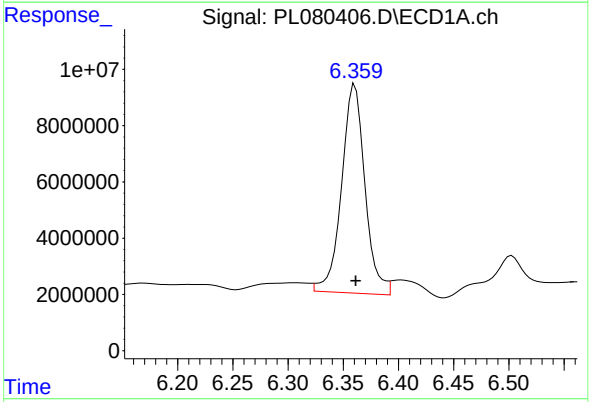
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 991632
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



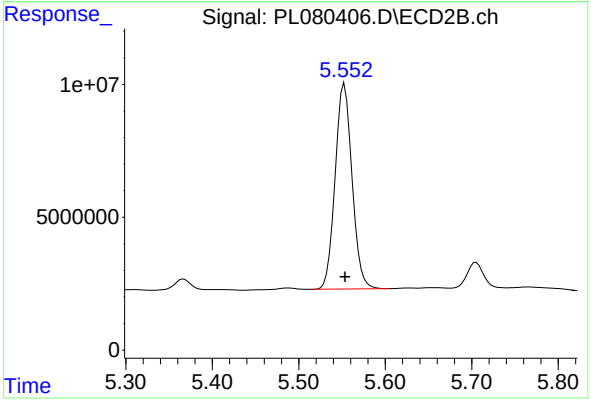
#12 4,4'-DDE

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 2042124
Conc: 0.87 ng/ml



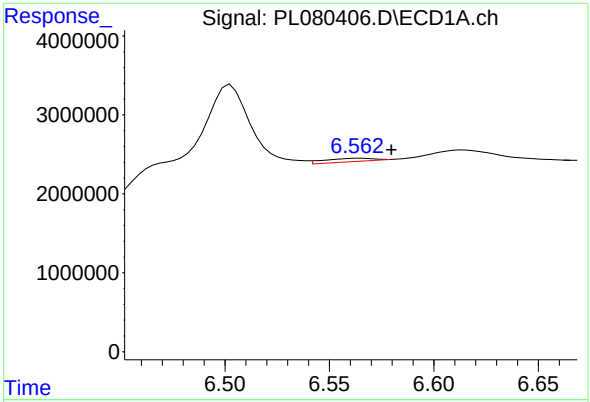
#14 Endrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 109538966
Conc: 50.65 ng/ml



#14 Endrin

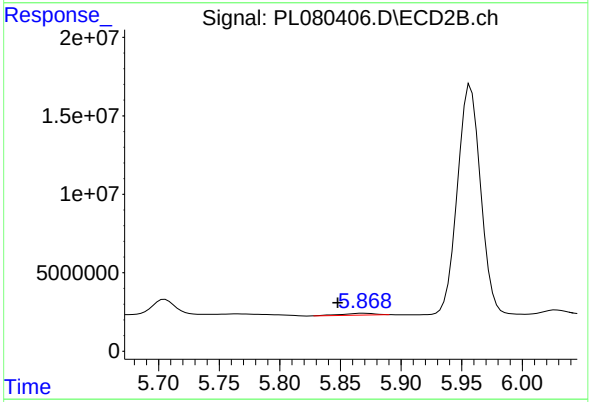
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 104349837
Conc: 44.96 ng/ml



#15 Endosulfan II

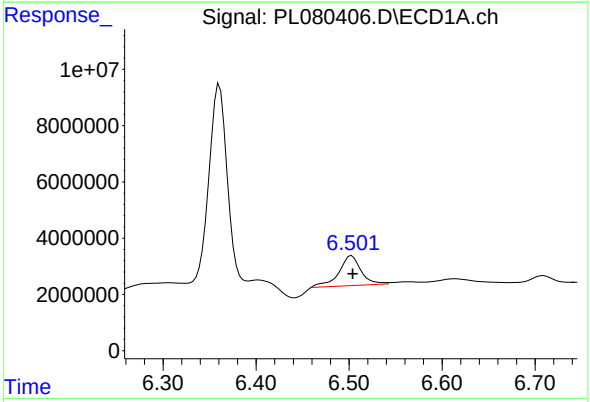
R.T.: 6.565 min
Delta R.T.: -0.015 min
Response: 699435
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



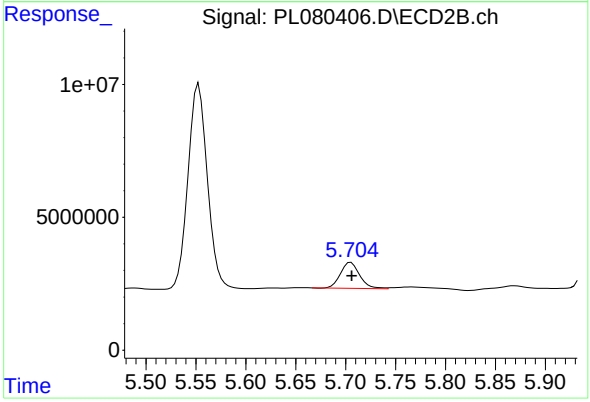
#15 Endosulfan II

R.T.: 5.869 min
Delta R.T.: 0.022 min
Response: 2424996
Conc: 1.16 ng/ml



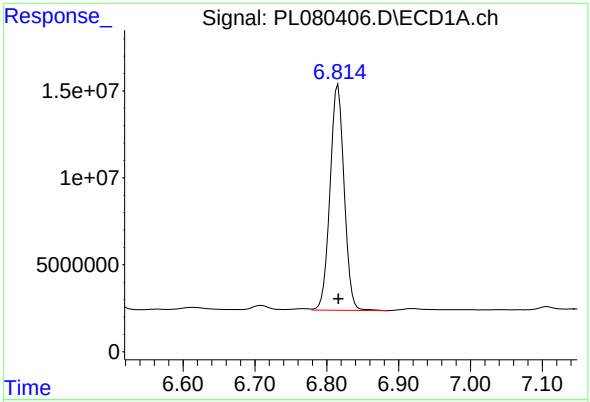
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 17623531
Conc: 9.62 ng/ml



#16 4,4'-DDD

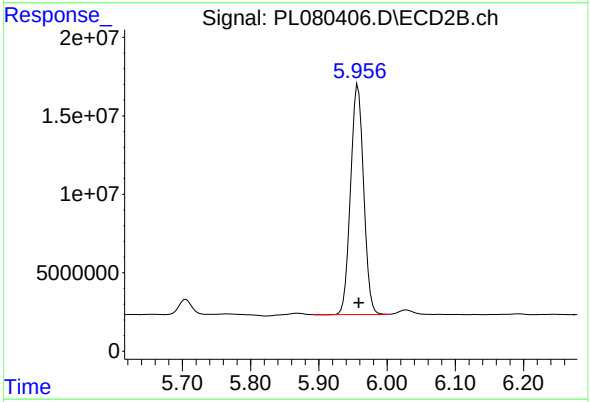
R.T.: 5.705 min
Delta R.T.: -0.001 min
Response: 13090358
Conc: 6.97 ng/ml



#17 4,4'-DDT

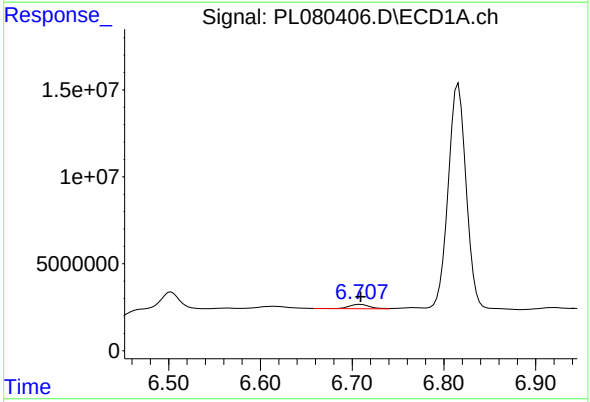
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 176882118
Conc: 85.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



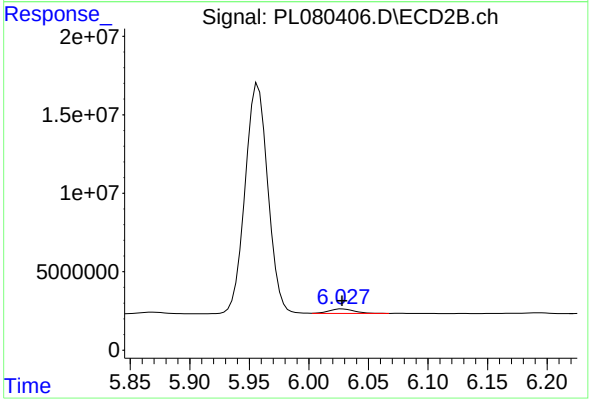
#17 4,4'-DDT

R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 194928831
Conc: 92.76 ng/ml



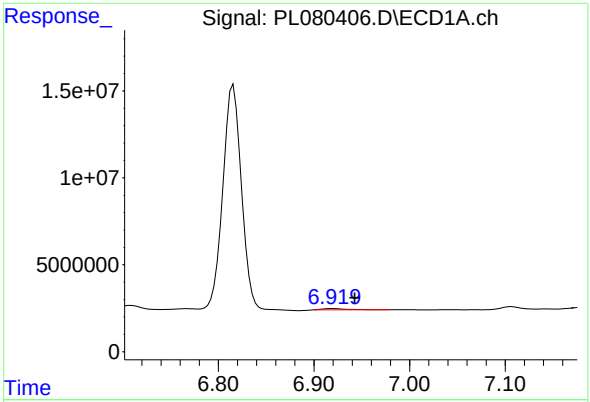
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 3839073
Conc: 2.31 ng/ml



#18 Endrin aldehyde

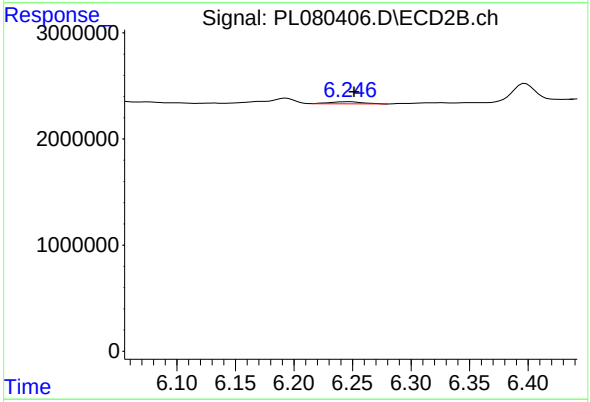
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 4279744
Conc: 2.34 ng/ml



#19 Endosulfan Sulfate

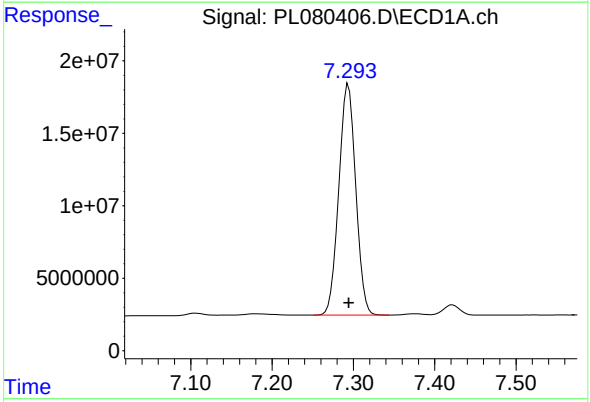
R.T.: 6.920 min
Delta R.T.: -0.022 min
Response: 1357882
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



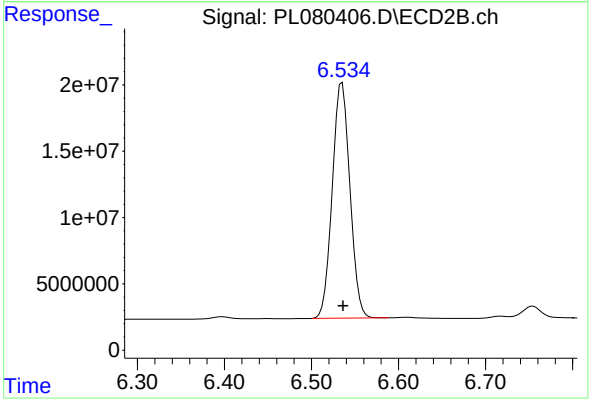
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 393854
Conc: 0.17 ng/ml



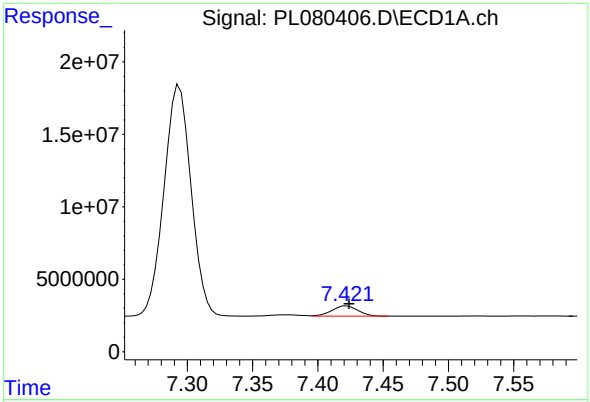
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 230278662
Conc: 208.72 ng/ml



#20 Methoxychlor

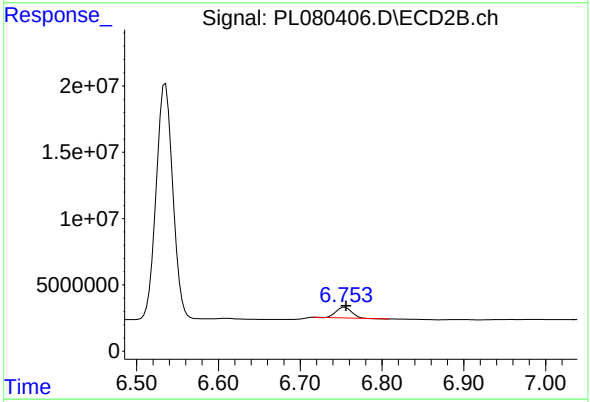
R.T.: 6.535 min
Delta R.T.: -0.001 min
Response: 250565637
Conc: 206.49 ng/ml



#21 Endrin ketone

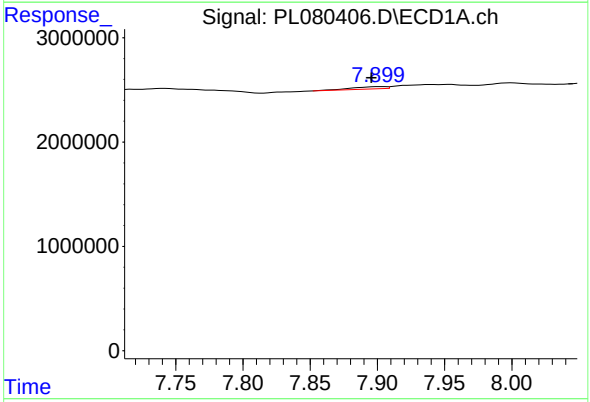
R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 9808877
Conc: 4.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



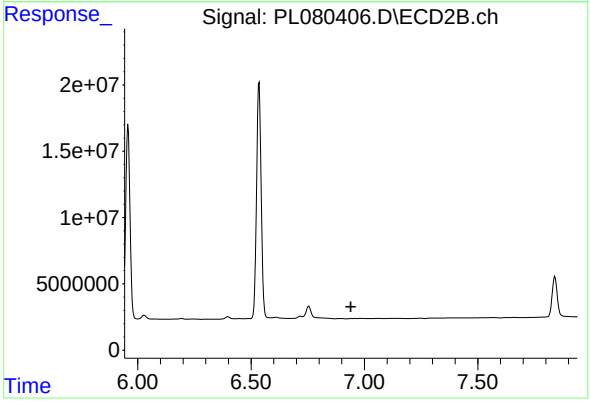
#21 Endrin ketone

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 10512989
Conc: 4.12 ng/ml



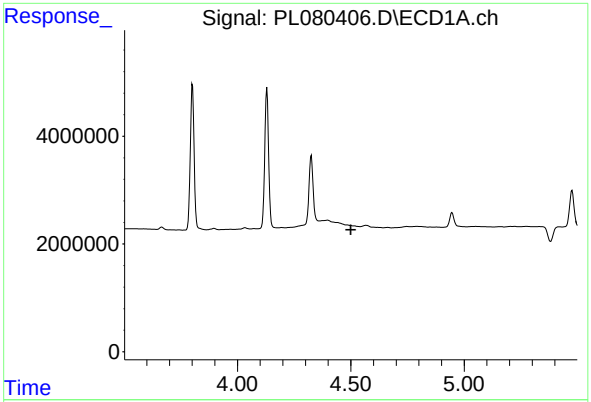
#22 Mirex

R.T.: 7.902 min
Delta R.T.: 0.007 min
Response: 400374
Conc: 0.23 ng/ml



#22 Mirex

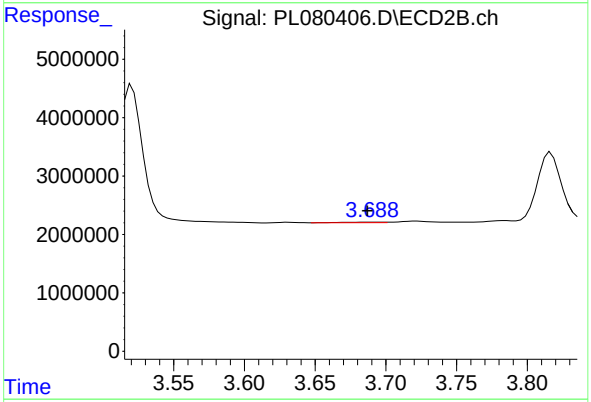
R.T.: 6.959 min
Delta R.T.: 0.019 min
Response: -294076
Conc: N.D.



#23 Chlordane-1

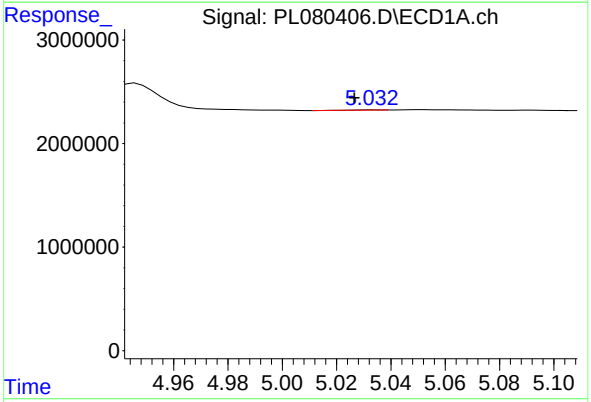
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



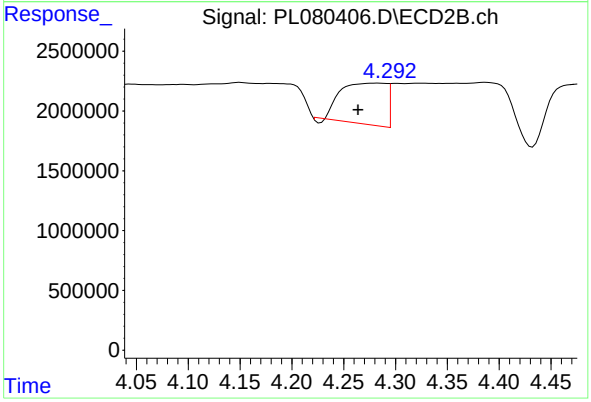
#23 Chlordane-1

R.T.: 3.690 min
Delta R.T.: 0.003 min
Response: 145286
Conc: 1.78 ng/ml



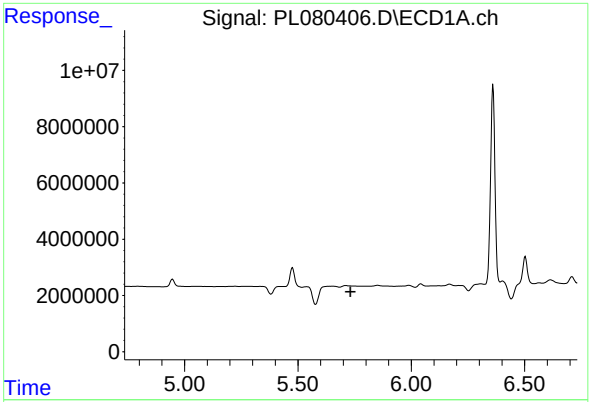
#24 Chlordane-2

R.T.: 5.033 min
Delta R.T.: 0.007 min
Response: 9674
Conc: 0.10 ng/ml



#24 Chlordane-2

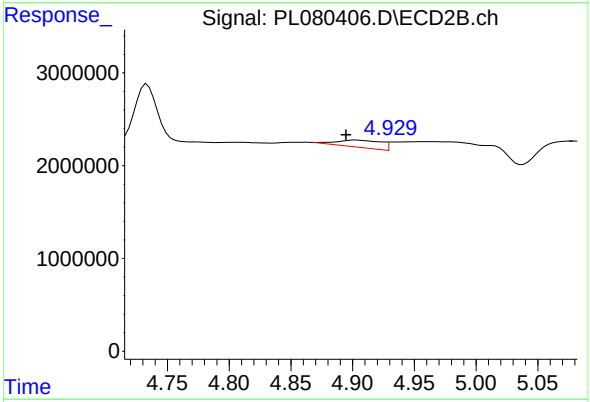
R.T.: 4.282 min
Delta R.T.: 0.019 min
Response: 10448620
Conc: 115.89 ng/ml



#25 Chlordane-3

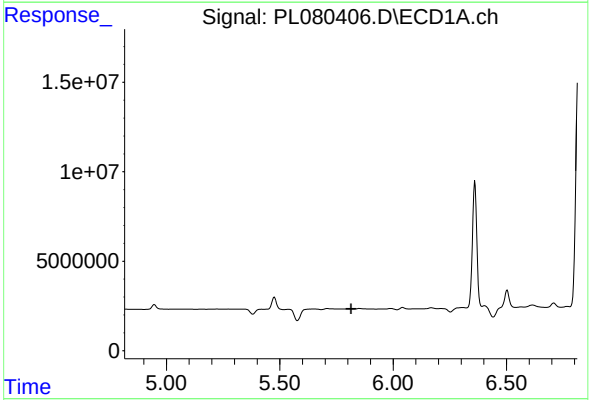
R.T.: 0.000 min
Exp R.T. : 5.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



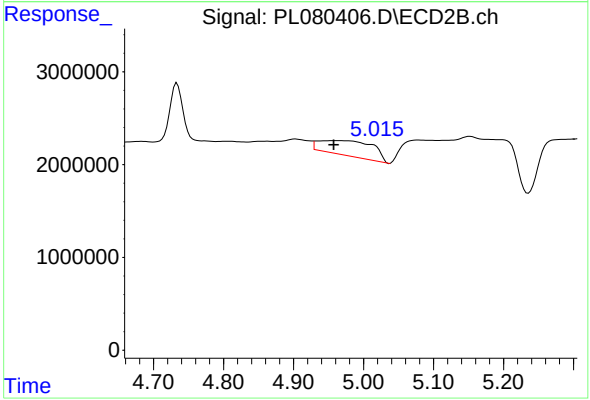
#25 Chlordane-3

R.T.: 4.903 min
Delta R.T.: 0.009 min
Response: 1984821
Conc: 7.53 ng/ml



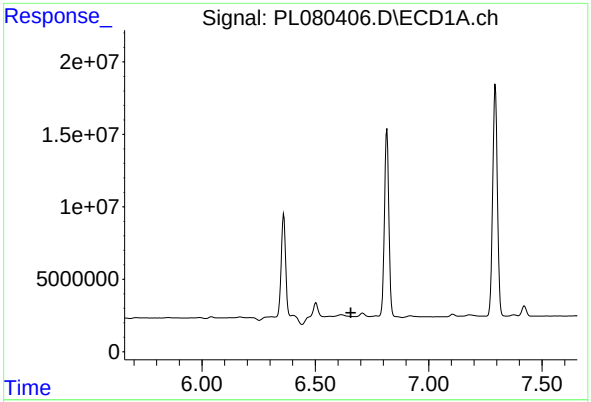
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



#26 Chlordane-4

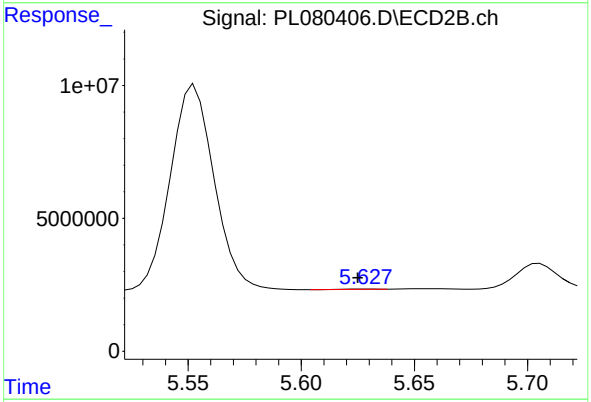
R.T.: 4.961 min
Delta R.T.: 0.004 min
Response: 8633056
Conc: 32.06 ng/ml



#27 Chlordane-5

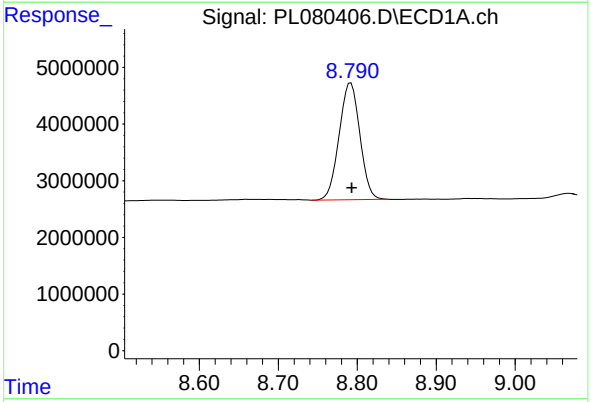
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



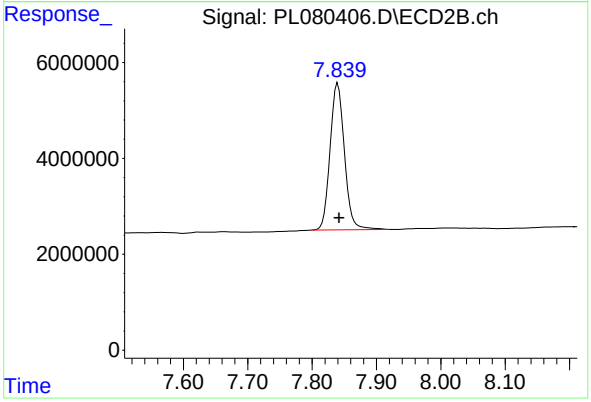
#27 Chlordane-5

R.T.: 5.629 min
Delta R.T.: 0.004 min
Response: 154729
Conc: 2.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 37571508
Conc: 21.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.840 min
Delta R.T.: -0.002 min
Response: 47500027
Conc: 19.94 ng/ml