Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072224\
Data File : PL090607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2024 09:04
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: Jul 22 11:07:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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	2.789	43484932	35576653	20.884	21.139	
28)	SA Decachlor...	9.058	7.931	31378687	31952887	23.613	21.914	
	Target Compounds							
2)	A alpha-BHC	4.001	3.292	32827825	23724378	11.063	9.819	
3)	MA gamma-BHC...	4.334	3.623	31324060	22655772	11.185	9.825	
5)	MB Aldrin	5.277	4.255	194015	350330	0.078	0.165	#
6)	B beta-BHC	4.529	3.921	15205345	11677956	11.987	11.314	
7)	B delta-BHC	4.761f	4.146	1895462	94823	0.707	0.043	#
8)	B Heptachlo...	5.682	0.000	1105239	0	0.470	N.D.	#
9)	A Endosulfan I	6.080	5.113	225089	130953	0.105	0.072	#
10)	B gamma-Chl...	5.958	5.002	541985	182608	0.233	0.090	#
11)	B alpha-Chl...	6.011	5.070	99882	61778	0.044	0.031	#
12)	B 4,4'-DDE	6.200	5.249	916890	457020	0.453	0.256	#
13)	MA Dieldrin	6.337	5.379	-8887	33670	N.D.	0.017	
14)	MA Endrin	6.580	5.656	87736110	81783473	47.723	47.518	
15)	B Endosulfa...	6.816f	5.964	2010843	852276	1.022	0.499	#
16)	A 4,4'-DDD	6.714	5.804	4508447	2949770	2.671	1.969	#
17)	MA 4,4'-DDT	7.028	6.054	161.8E6	164.1E6	96.144	111.981	
18)	B Endrin al...	6.928	6.129	3247734	3139107	2.189	2.403	
19)	B Endosulfa...	7.155	6.350	73976	213546	0.042	0.132	#
20)	A Methoxychlor	7.503	6.629	207.3E6	197.4E6	234.802	244.165	
21)	B Endrin ke...	7.646	6.857	6671059	5890362	3.495	3.223	
23)	Chlordane-1	0.000	3.824f	0	231786	N.D.	3.744	#
24)	Chlordane-2	5.239	4.378	63642	320685	0.622	4.228	#
25)	Chlordane-3	5.958	5.002	541985	182608	1.637	0.884	#
26)	Chlordane-4	6.047	5.070	332657	61778	0.835	0.316	#
27)	Chlordane-5	6.874	5.750f	-55638	418273	N.D.	6.939	

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

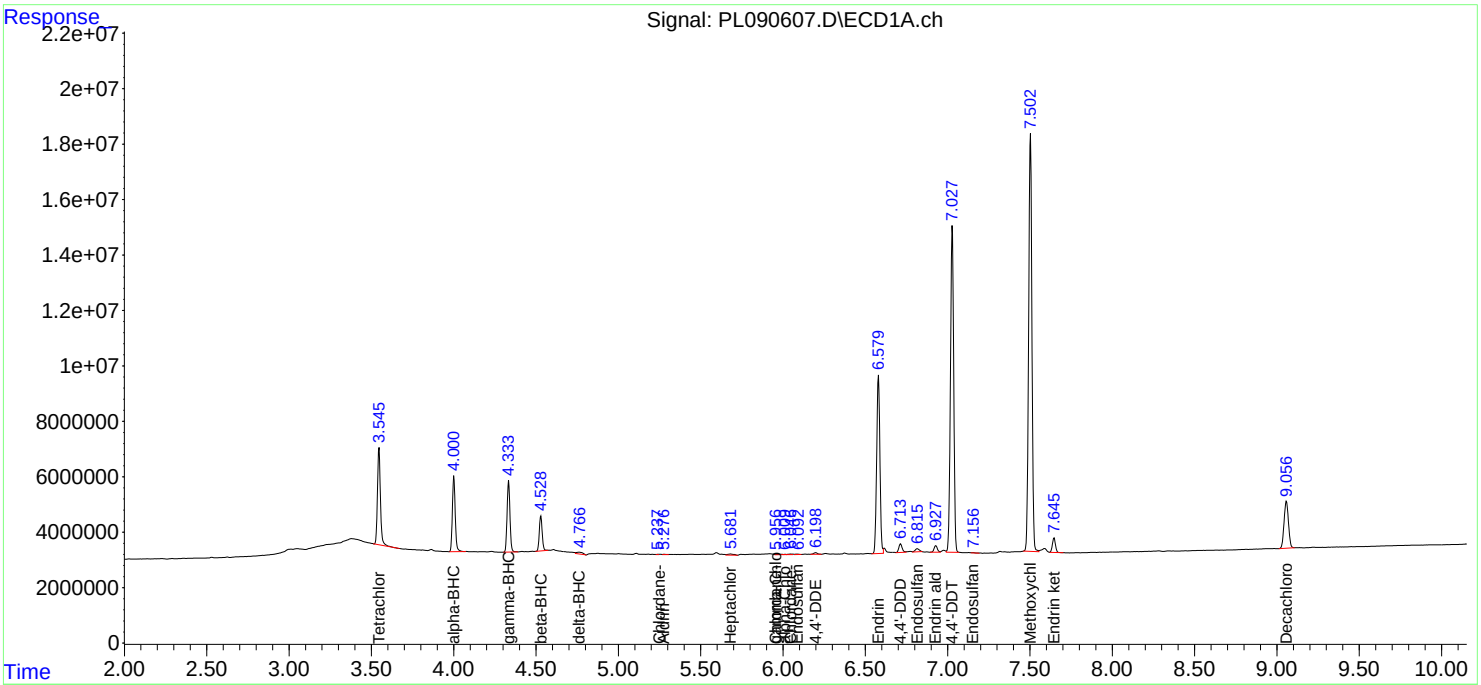
Quantitation Report (Not Reviewed)

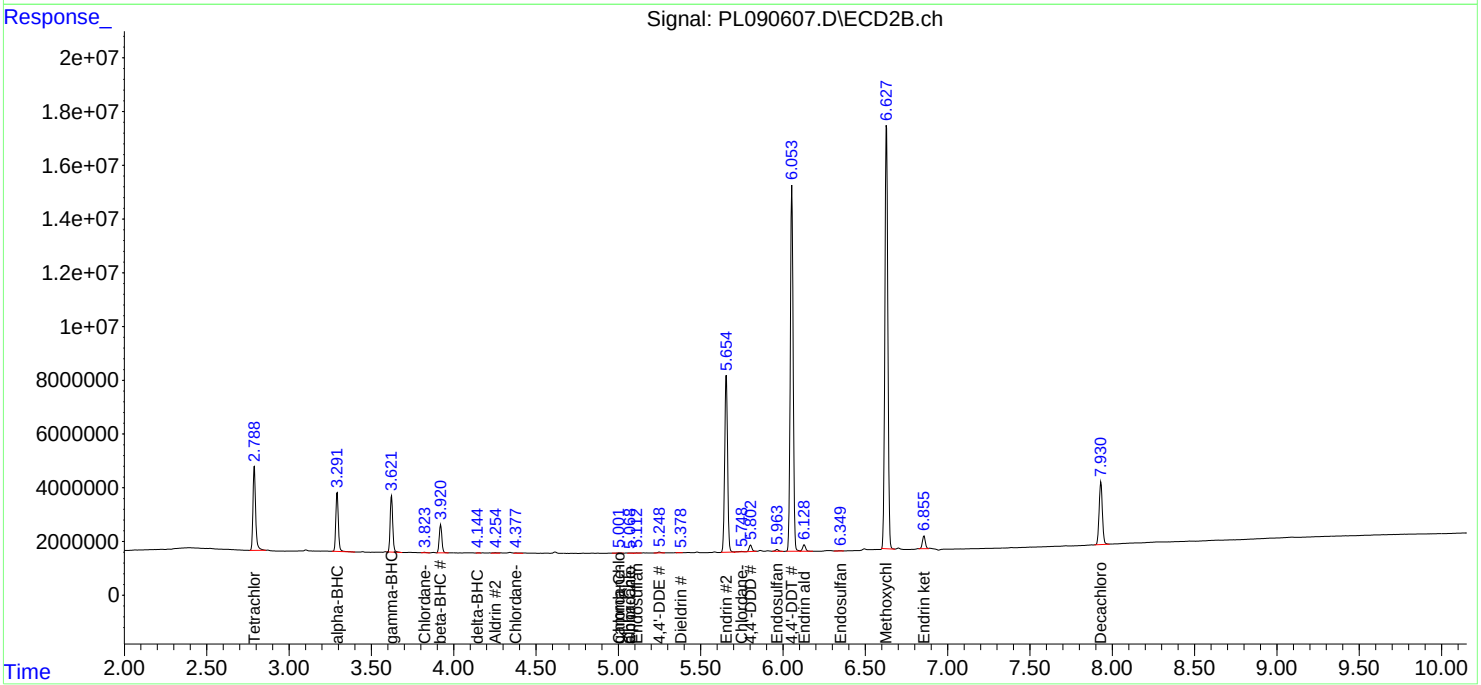
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072224\
Data File : PL090607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2024 09:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

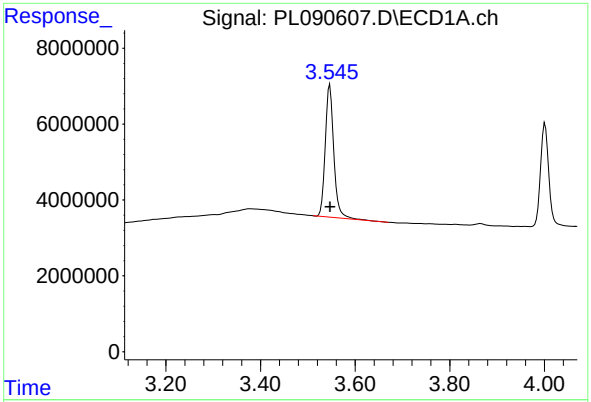
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 11:07:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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



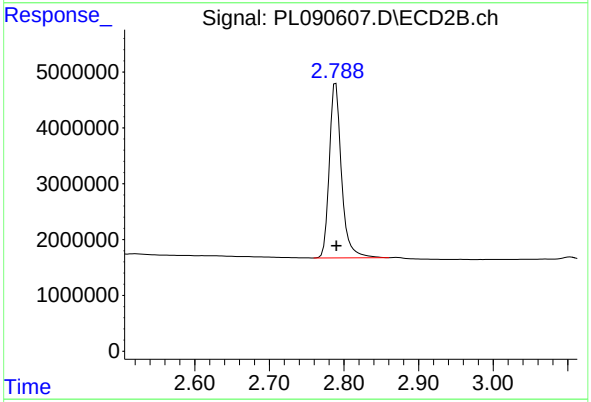




#1 Tetrachloro-m-xylene

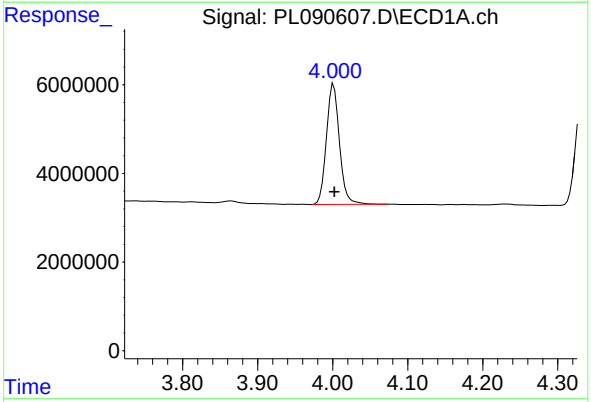
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 43484932
Conc: 20.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



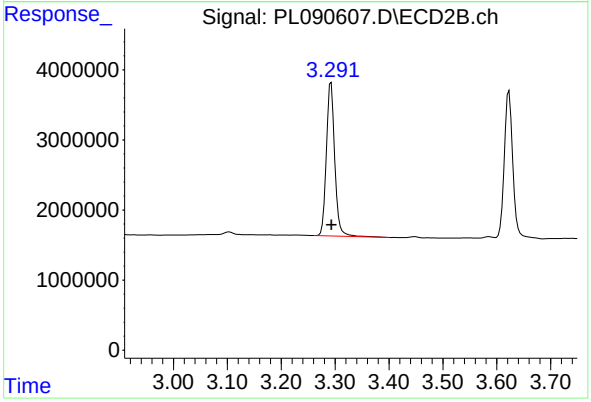
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 35576653
Conc: 21.14 ng/ml



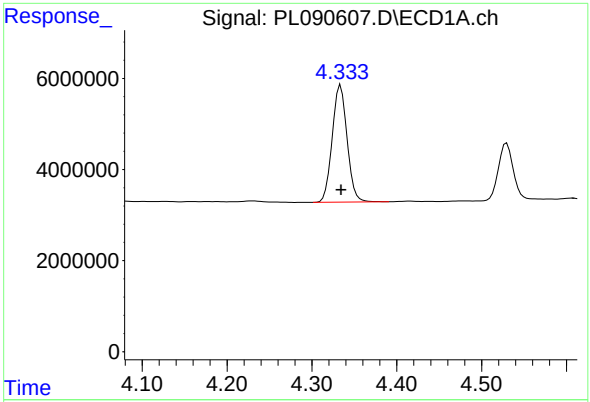
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 32827825
Conc: 11.06 ng/ml



#2 alpha-BHC

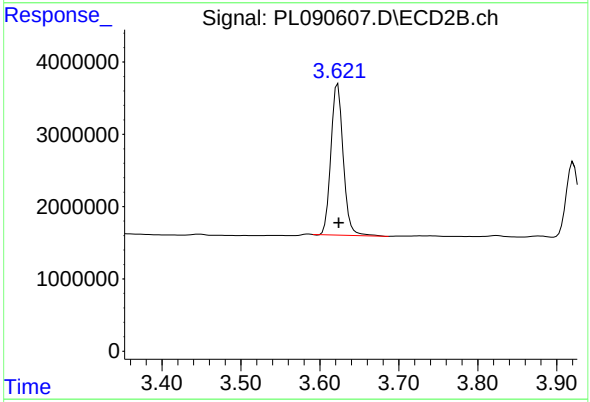
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 23724378
Conc: 9.82 ng/ml



#3 gamma-BHC (Lindane)

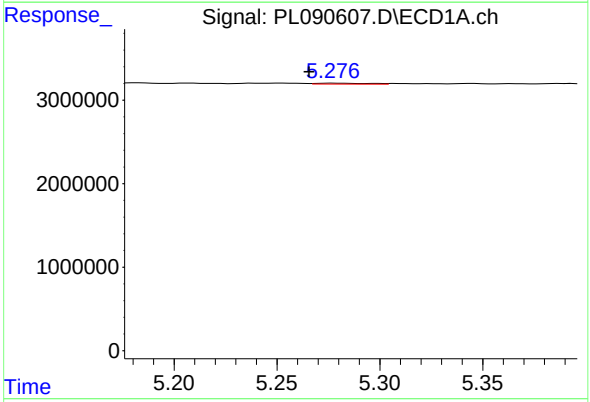
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 31324060
Conc: 11.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



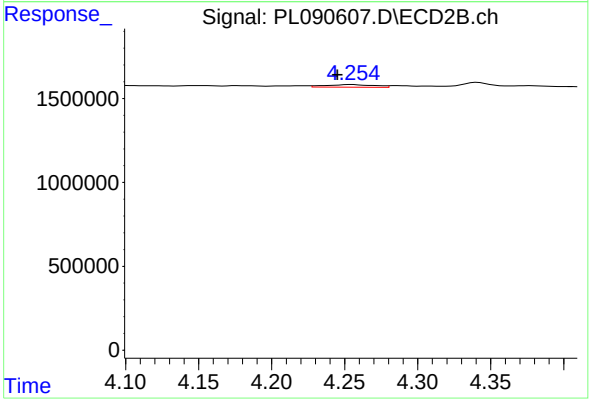
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 22655772
Conc: 9.82 ng/ml



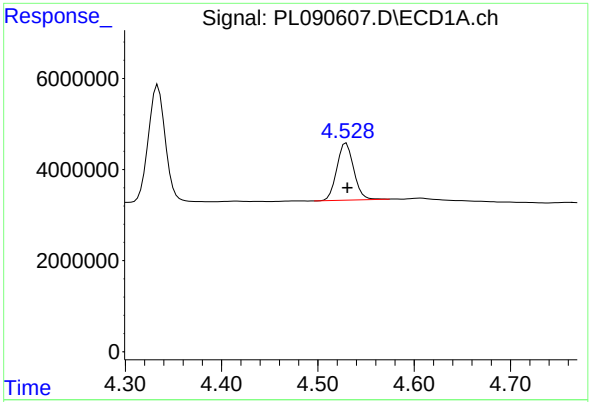
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.011 min
Response: 194015
Conc: 0.08 ng/ml



#5 Aldrin

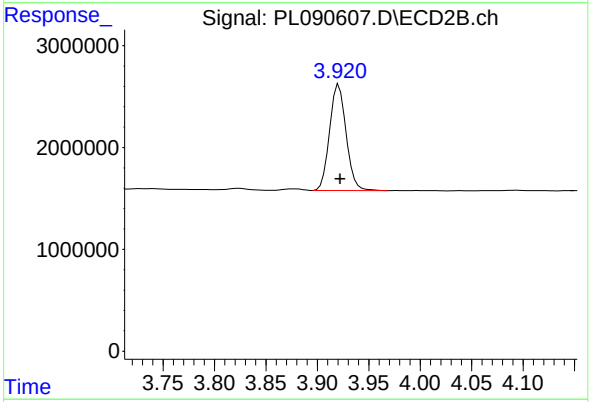
R.T.: 4.255 min
Delta R.T.: 0.010 min
Response: 350330
Conc: 0.16 ng/ml



#6 beta-BHC

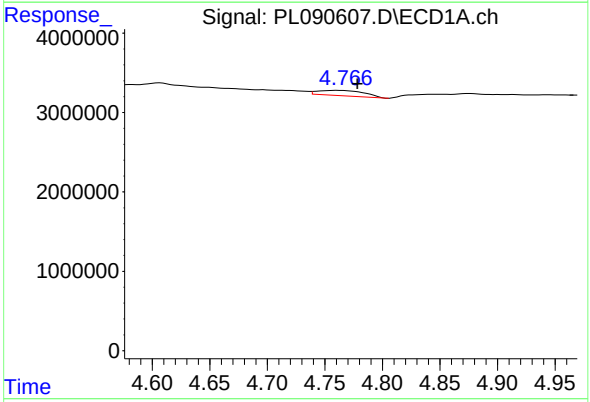
R.T.: 4.529 min
Delta R.T.: -0.001 min
Response: 15205345
Conc: 11.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



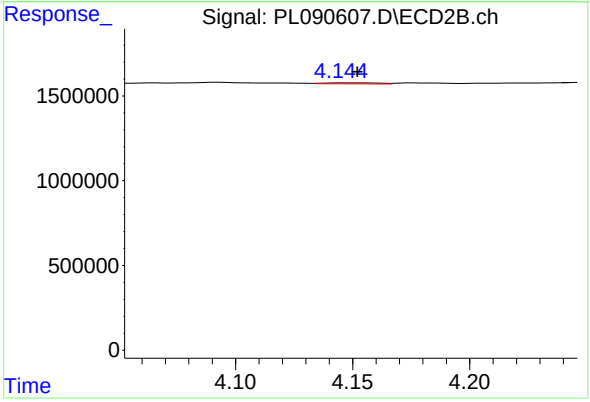
#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 11677956
Conc: 11.31 ng/ml



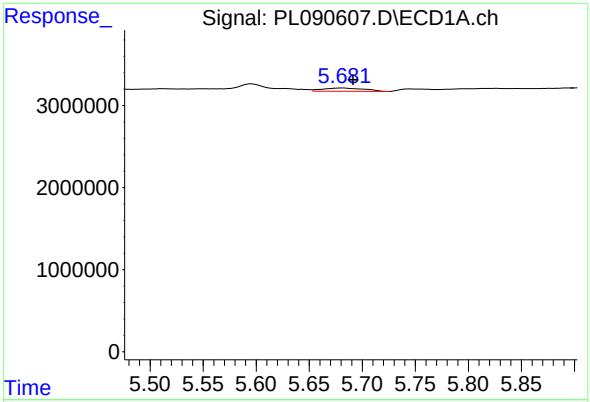
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: -0.017 min
Response: 1895462
Conc: 0.71 ng/ml



#7 delta-BHC

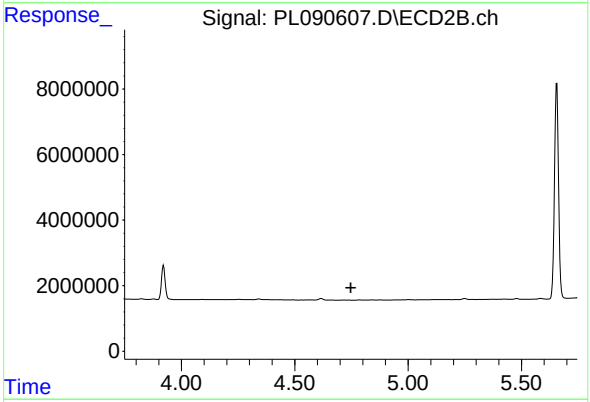
R.T.: 4.146 min
Delta R.T.: -0.006 min
Response: 94823
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

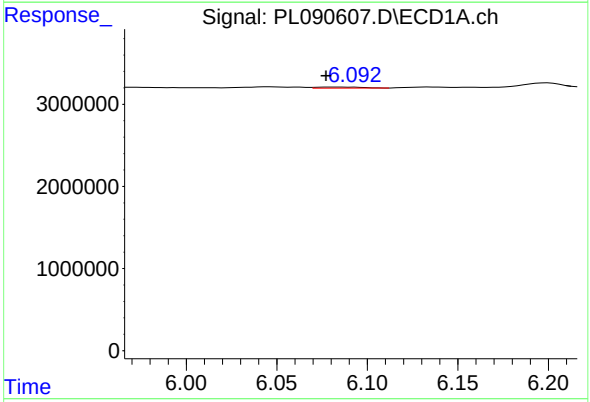
R.T.: 5.682 min
Delta R.T.: -0.010 min
Response: 1105239
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



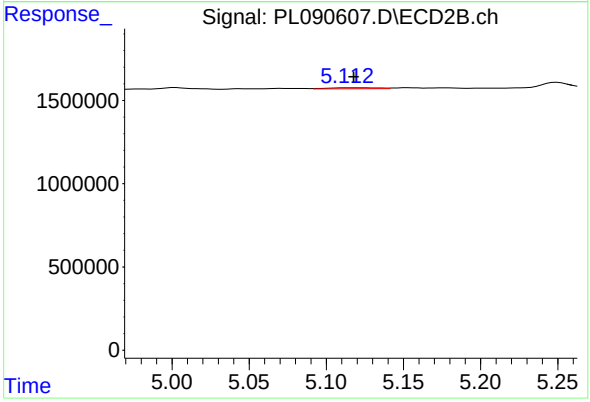
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.748 min
Response: 0
Conc: N.D.



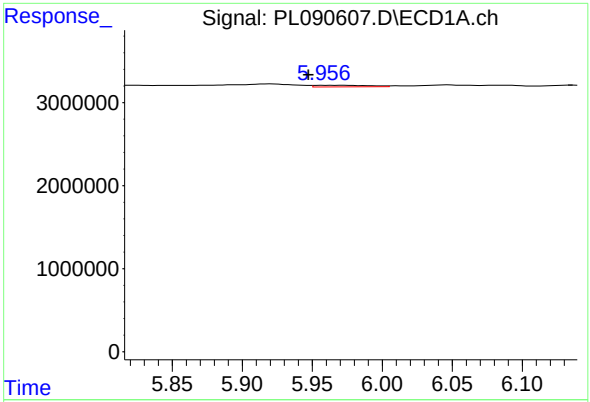
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 225089
Conc: 0.11 ng/ml



#9 Endosulfan I

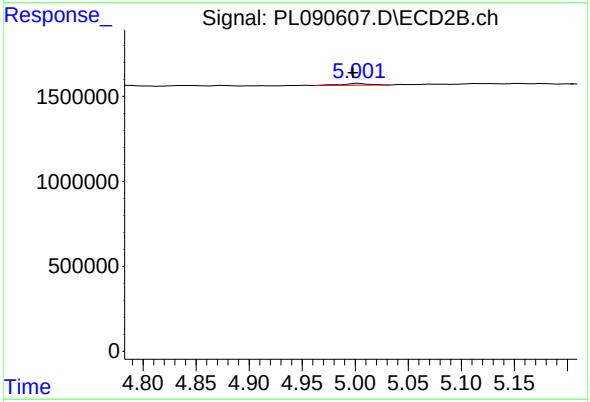
R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 130953
Conc: 0.07 ng/ml



#10 gamma-Chlordane

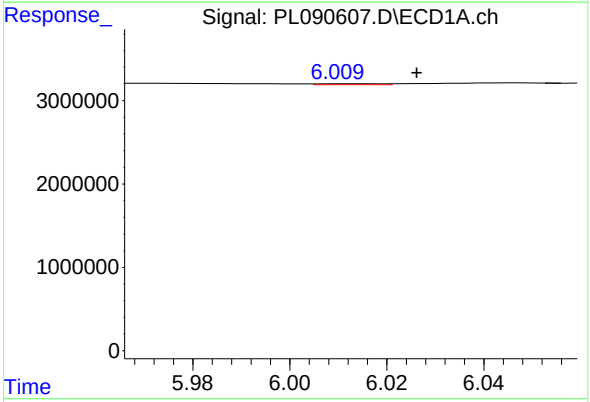
R.T.: 5.958 min
Delta R.T.: 0.011 min
Response: 541985
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



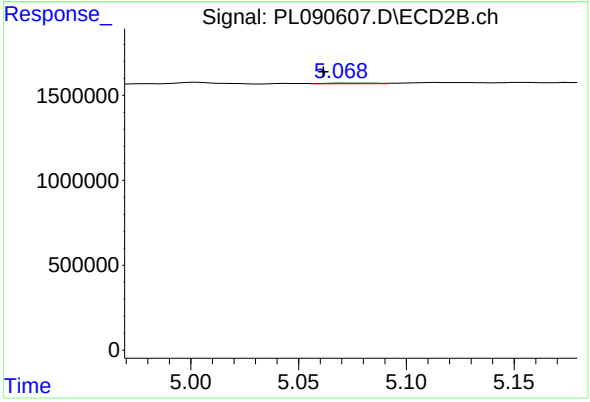
#10 gamma-Chlordane

R.T.: 5.002 min
Delta R.T.: 0.004 min
Response: 182608
Conc: 0.09 ng/ml



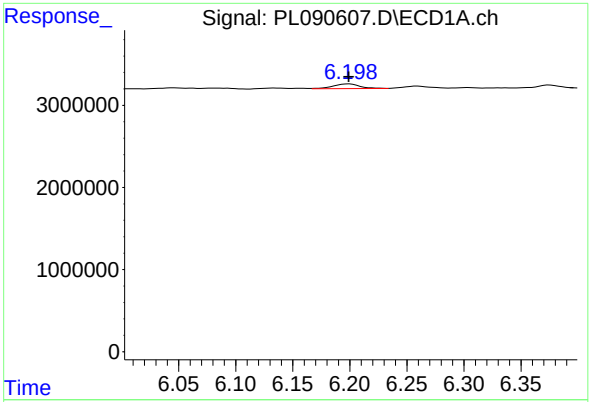
#11 alpha-Chlordane

R.T.: 6.011 min
Delta R.T.: -0.015 min
Response: 99882
Conc: 0.04 ng/ml



#11 alpha-Chlordane

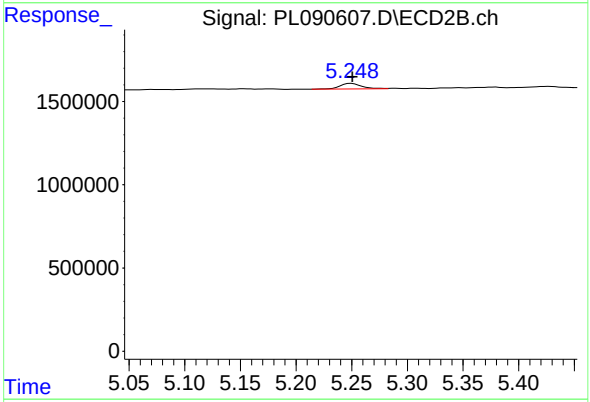
R.T.: 5.070 min
Delta R.T.: 0.008 min
Response: 61778
Conc: 0.03 ng/ml



#12 4,4'-DDE

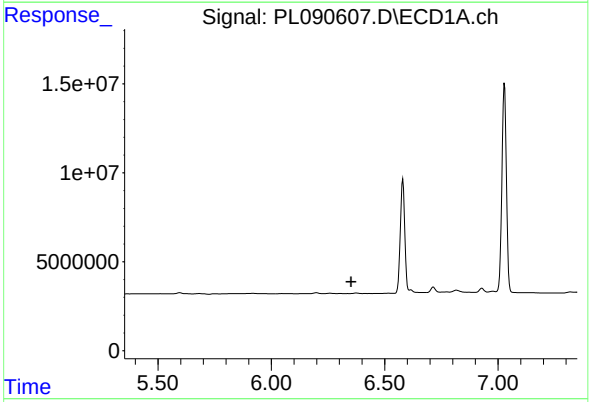
R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 916890
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



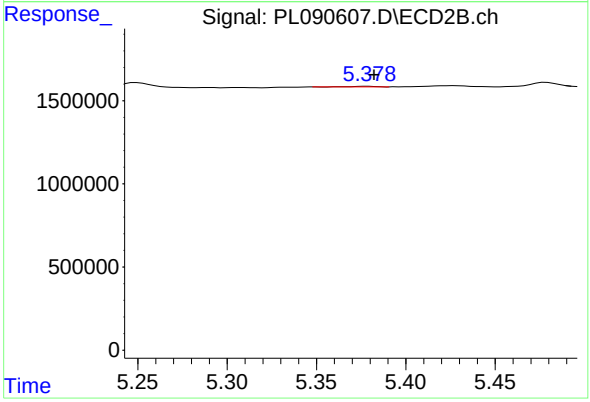
#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 457020
Conc: 0.26 ng/ml



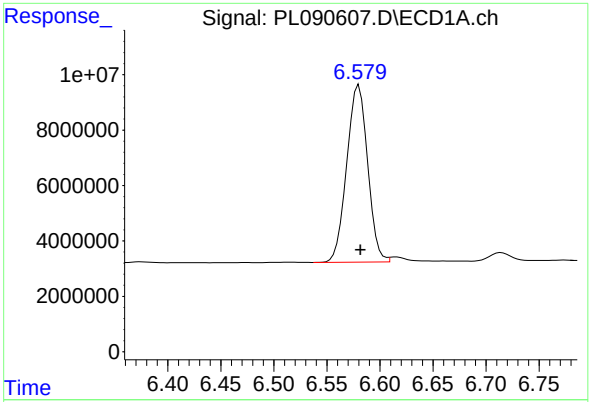
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.014 min
Response: -8887
Conc: N.D.



#13 Dieldrin

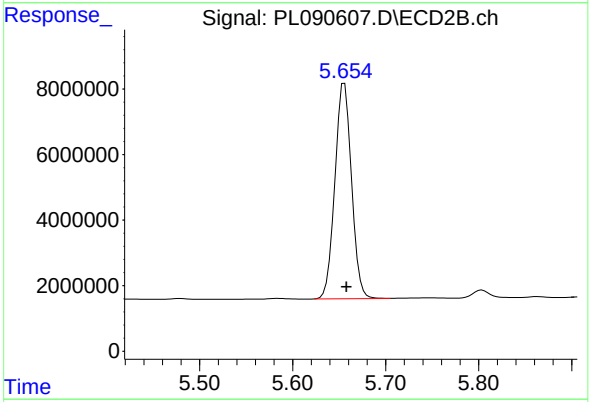
R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 33670
Conc: 0.02 ng/ml



#14 Endrin

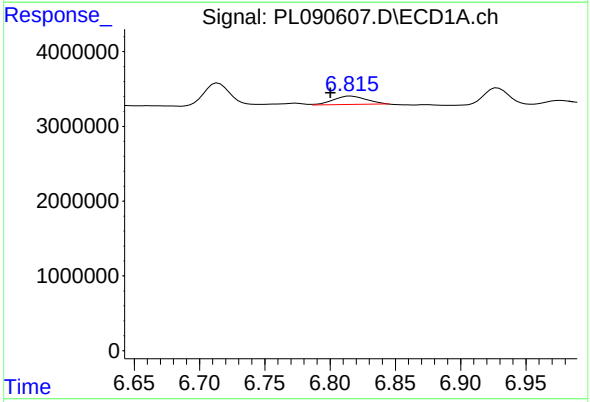
R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 87736110
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



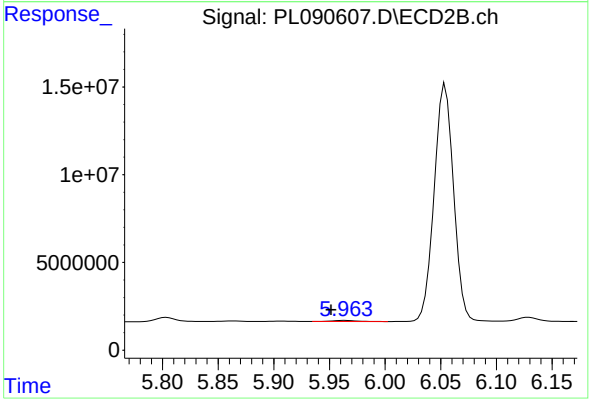
#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 81783473
Conc: 47.52 ng/ml



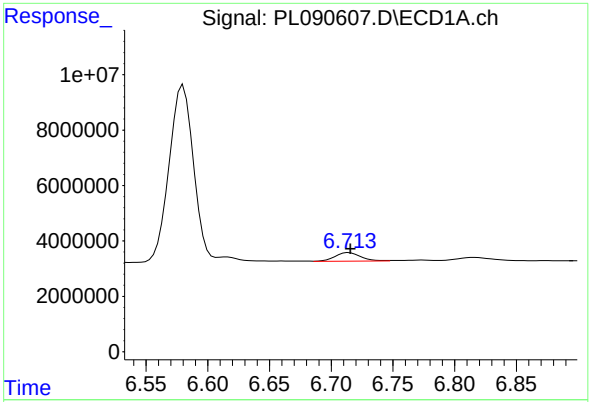
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: 0.016 min
Response: 2010843
Conc: 1.02 ng/ml



#15 Endosulfan II

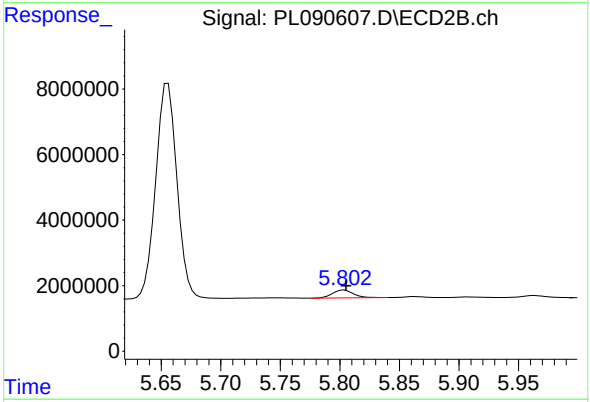
R.T.: 5.964 min
Delta R.T.: 0.012 min
Response: 852276
Conc: 0.50 ng/ml



#16 4,4'-DDD

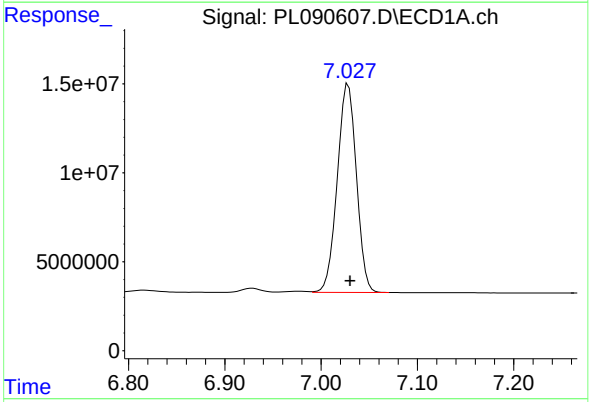
R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 4508447
Conc: 2.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



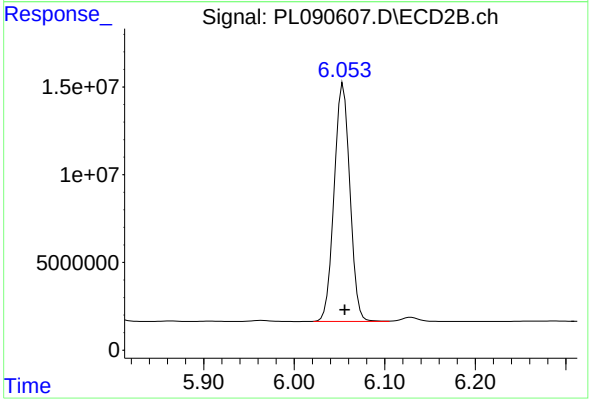
#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 2949770
Conc: 1.97 ng/ml



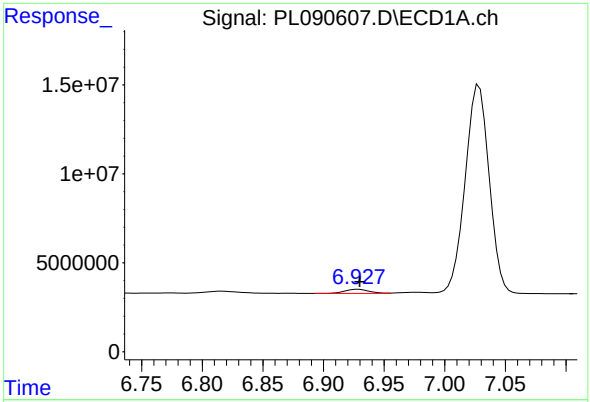
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 161837532
Conc: 96.14 ng/ml



#17 4,4'-DDT

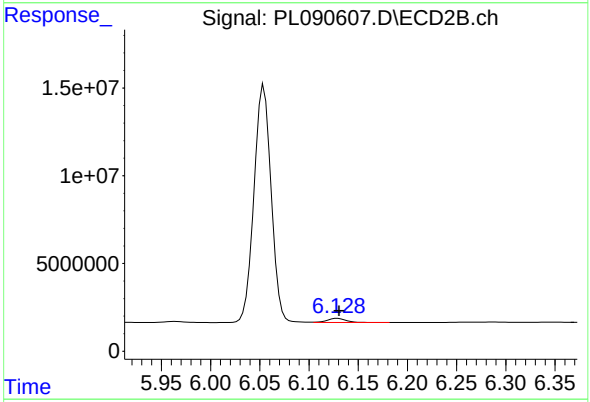
R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 164069099
Conc: 111.98 ng/ml



#18 Endrin aldehyde

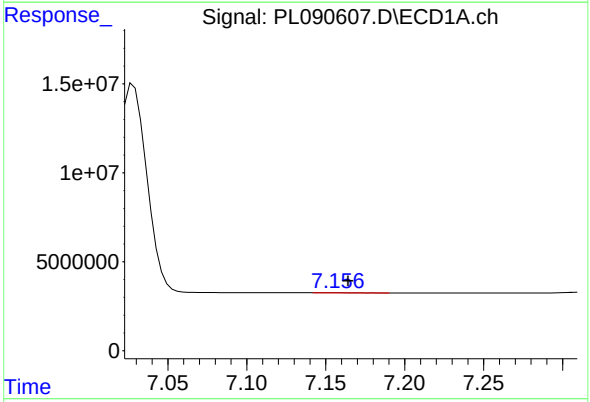
R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 3247734
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



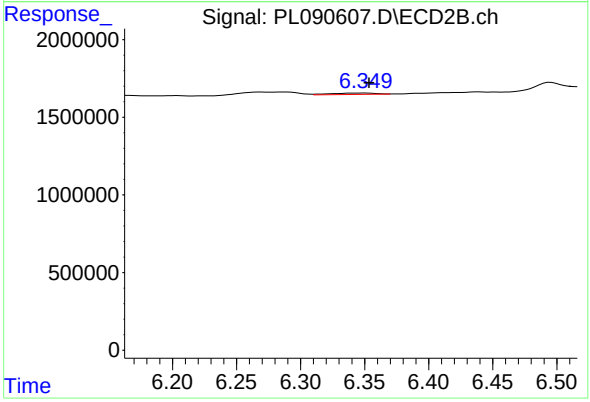
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 3139107
Conc: 2.40 ng/ml



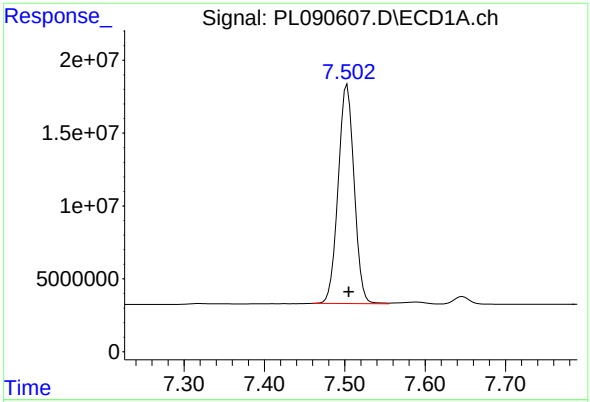
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.009 min
Response: 73976
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

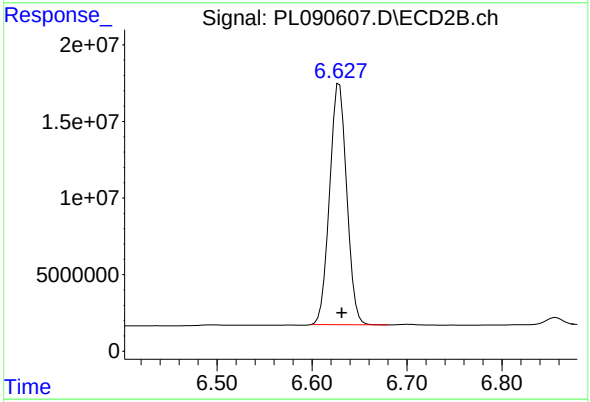
R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 213546
Conc: 0.13 ng/ml



#20 Methoxychlor

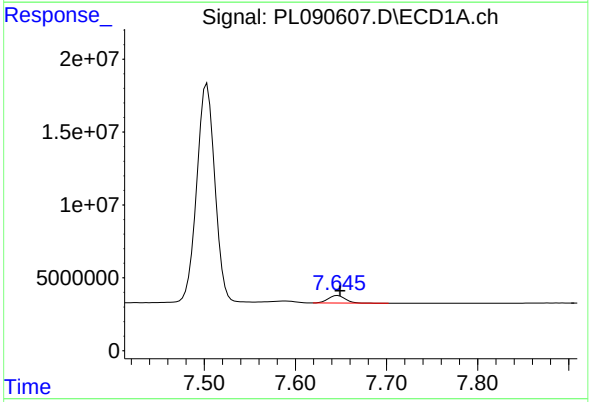
R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 207309303
Conc: 234.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



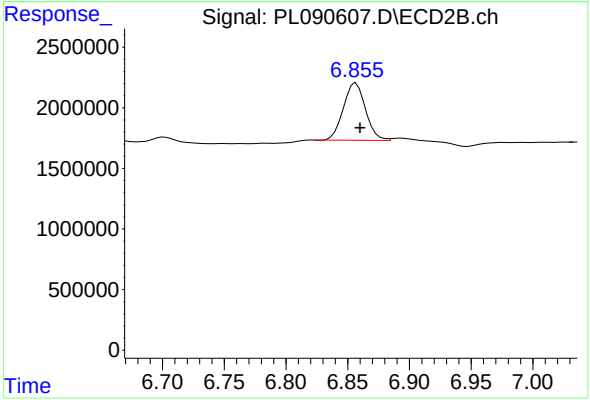
#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 197418938
Conc: 244.16 ng/ml



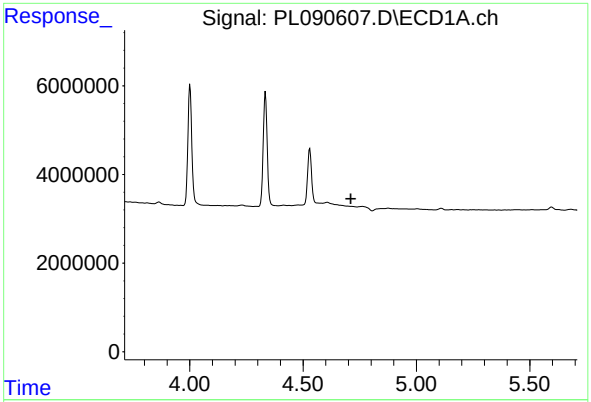
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 6671059
Conc: 3.49 ng/ml



#21 Endrin ketone

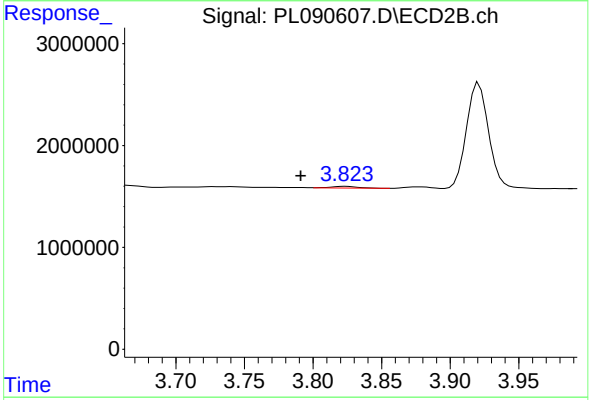
R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 5890362
Conc: 3.22 ng/ml



#23 Chlordane-1

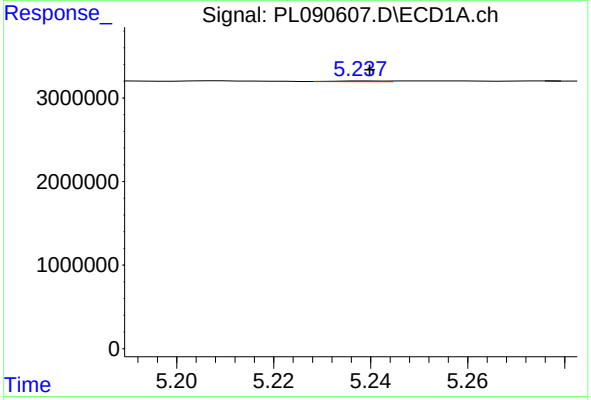
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



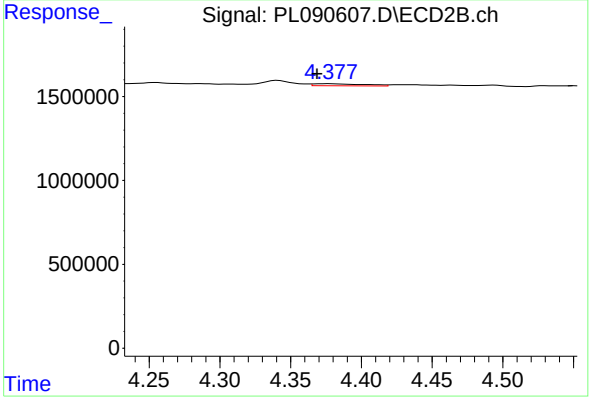
#23 Chlordane-1

R.T.: 3.824 min
Delta R.T.: 0.033 min
Response: 231786
Conc: 3.74 ng/ml



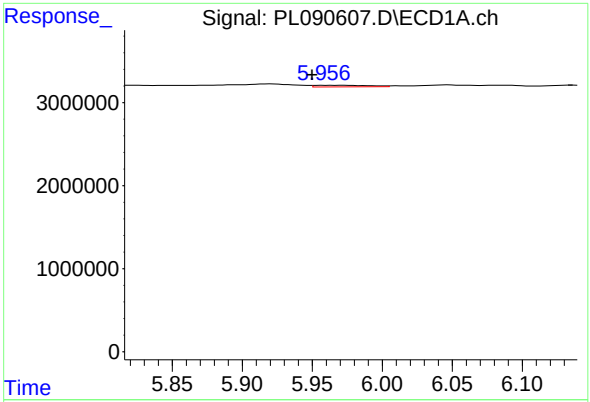
#24 Chlordane-2

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 63642
Conc: 0.62 ng/ml



#24 Chlordane-2

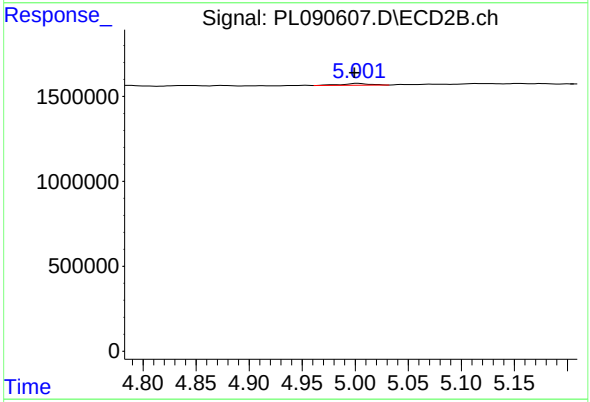
R.T.: 4.378 min
Delta R.T.: 0.010 min
Response: 320685
Conc: 4.23 ng/ml



#25 Chlordane-3

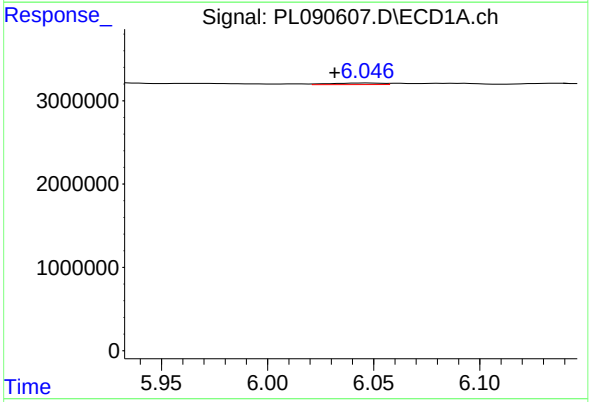
R.T.: 5.958 min
Delta R.T.: 0.008 min
Response: 541985
Conc: 1.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



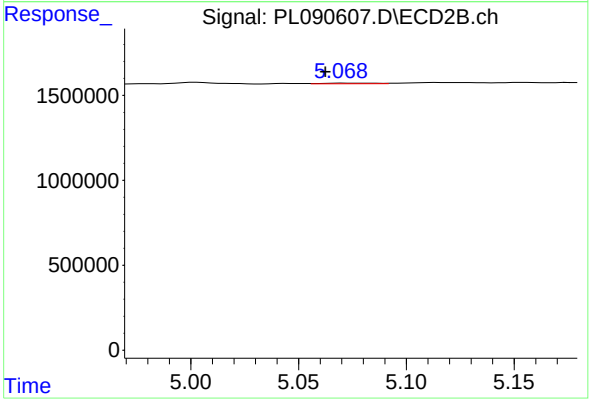
#25 Chlordane-3

R.T.: 5.002 min
Delta R.T.: 0.003 min
Response: 182608
Conc: 0.88 ng/ml



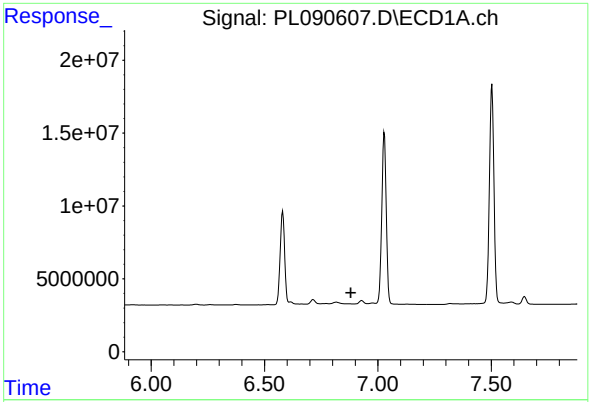
#26 Chlordane-4

R.T.: 6.047 min
Delta R.T.: 0.015 min
Response: 332657
Conc: 0.84 ng/ml



#26 Chlordane-4

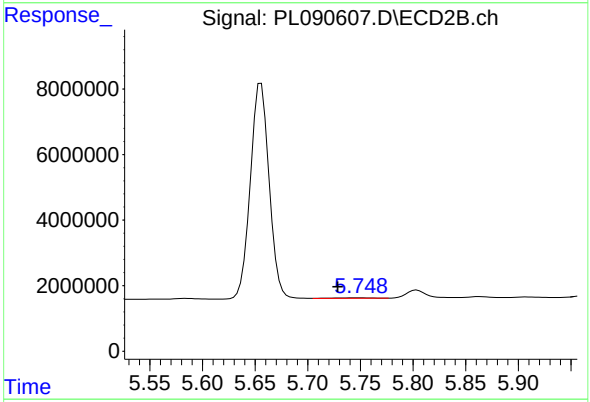
R.T.: 5.070 min
Delta R.T.: 0.007 min
Response: 61778
Conc: 0.32 ng/ml



#27 Chlordane-5

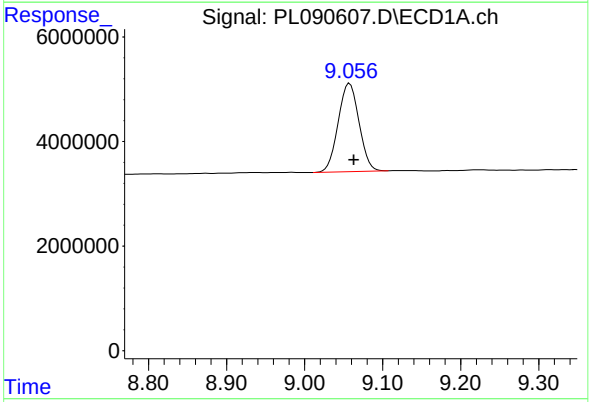
R.T.: 6.874 min
Delta R.T.: -0.006 min
Response: -55638
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



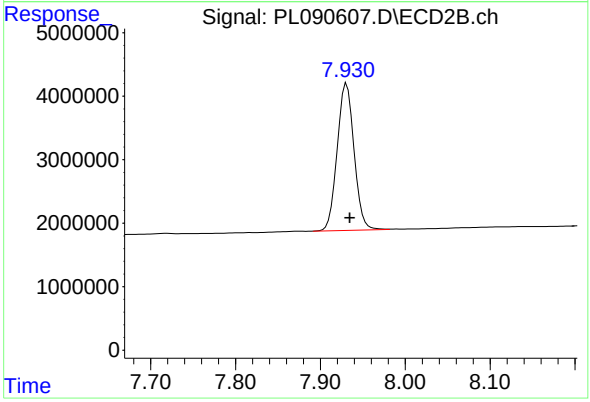
#27 Chlordane-5

R.T.: 5.750 min
Delta R.T.: 0.021 min
Response: 418273
Conc: 6.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 31378687
Conc: 23.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 31952887
Conc: 21.91 ng/ml