Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071624\
Data File : PL090542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2024 09:54
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 16 23:56:54 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...	3.548	2.791	44756278	34653268	21.495	20.591	
28)	SA Decachlor...	9.062	7.935	28949029	30322132	21.785	20.796	
	Target Compounds							
2)	A alpha-BHC	4.003	3.295	32576075	23698594	10.978	9.809	
3)	MA gamma-BHC...	4.336	3.625	30627904	22657268	10.937	9.825	
4)	MA Heptachlor	4.928	0.000	198447	0	0.078	N.D.	#
5)	MB Aldrin	5.251	4.259	898557	379890	0.360	0.179	#
6)	B beta-BHC	4.532	3.923	14367391	11359781	11.326	11.005	
7)	B delta-BHC	4.766	4.143	2266177	157107	0.845	0.071	#
8)	B Heptachlo...	5.688	0.000	3012504	0	1.282	N.D.	#
9)	A Endosulfan I	6.085	5.120	640181	36344	0.299	0.020	#
10)	B gamma-Chl...	5.922f	5.005	2990908	282195	1.286	0.139	#
11)	B alpha-Chl...	6.013	5.061	519314	148867	0.226	0.074	#
12)	B 4,4'-DDE	6.201	5.253	593594	940238	0.294	0.526	#
13)	MA Dieldrin	6.337	5.377	82907	141196	0.037	0.072	#
14)	MA Endrin	6.582	5.659	87759272	83857710	47.736	48.723	
15)	B Endosulfa...	6.821f	5.967f	1865608	710114	0.949	0.416	#
16)	A 4,4'-DDD	6.716	5.806	6278229	2897834	3.719	1.934	#
17)	MA 4,4'-DDT	7.031	6.056	162.4E6	165.7E6	96.481	113.064	
18)	B Endrin al...	6.931	6.132	2200669	2557931	1.483	1.958	#
19)	B Endosulfa...	0.000	6.357	0	97108	N.D.	0.060	#
20)	A Methoxychlor	7.506	6.632	210.7E6	208.3E6	238.660	257.635	
21)	B Endrin ke...	7.649	6.860	5763786	5243833	3.019	2.869	
22)	Mirex	8.095f	7.039	12588	72894	0.009	0.049	#
23)	Chlordane-1	0.000	3.797	0	55676	N.D.	0.899	#
24)	Chlordane-2	5.251	4.385	898557	264763	8.779	3.491	#
25)	Chlordane-3	5.922f	5.005	2990908	282195	9.035	1.365	#
26)	Chlordane-4	6.043	5.061	887240	148867	2.228	0.761	#
27)	Chlordane-5	0.000	5.707f	0	50107	N.D.	0.831	#

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

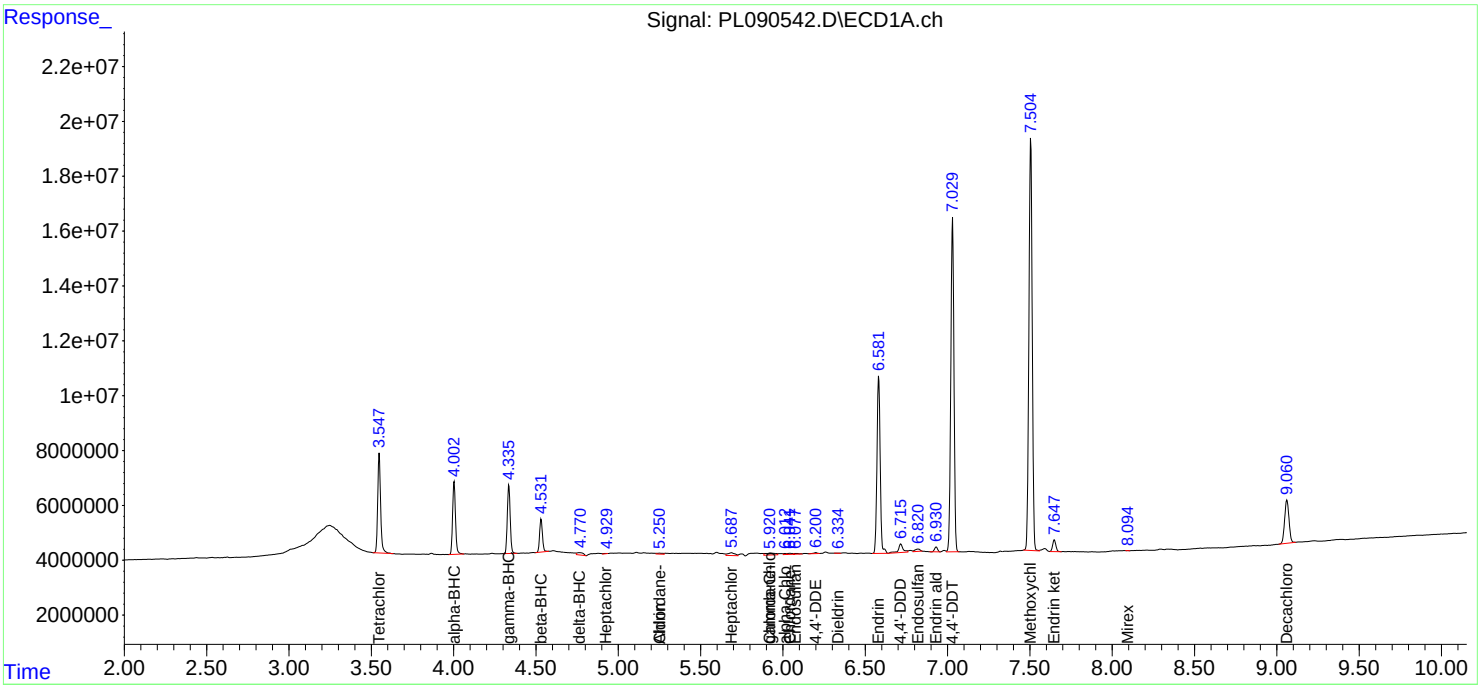
Quantitation Report (Not Reviewed)

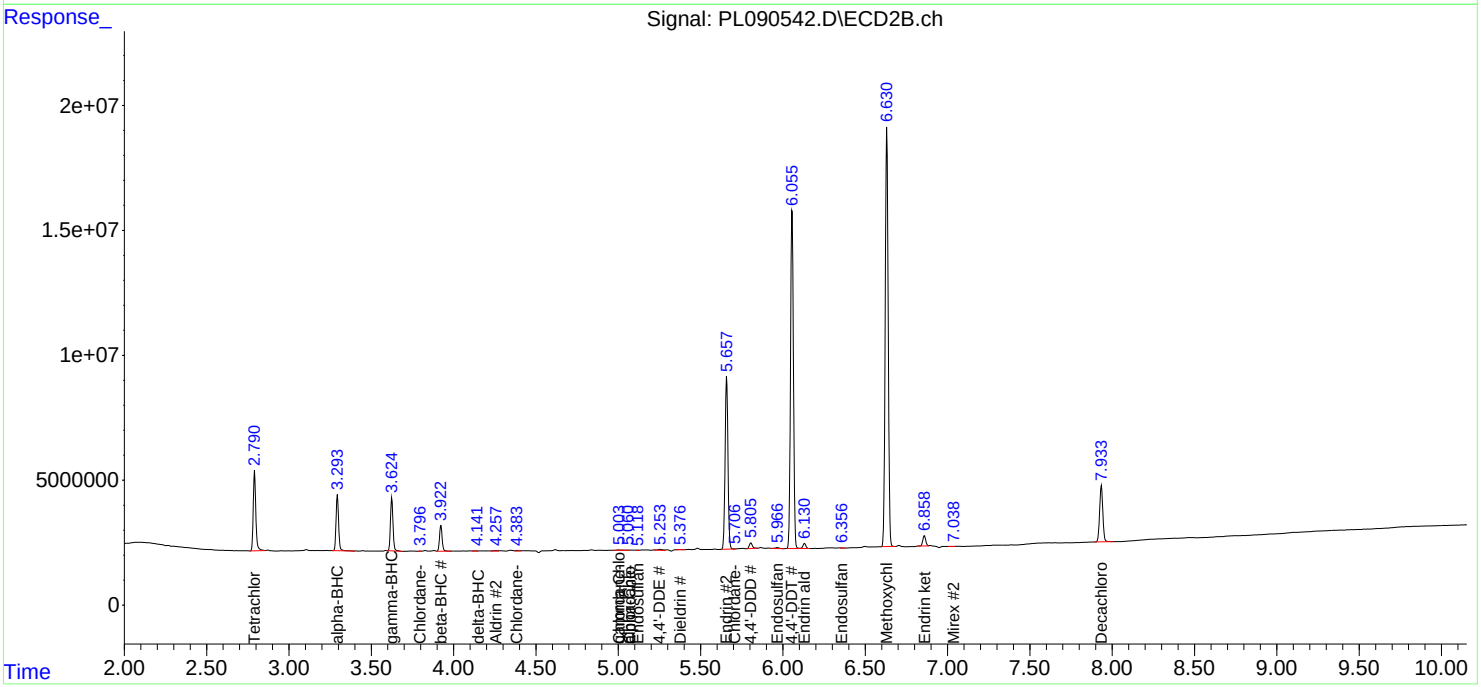
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071624\
Data File : PL090542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2024 09:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

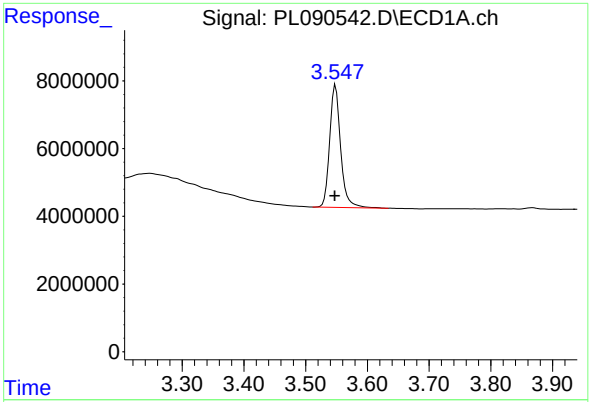
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 23:56:54 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



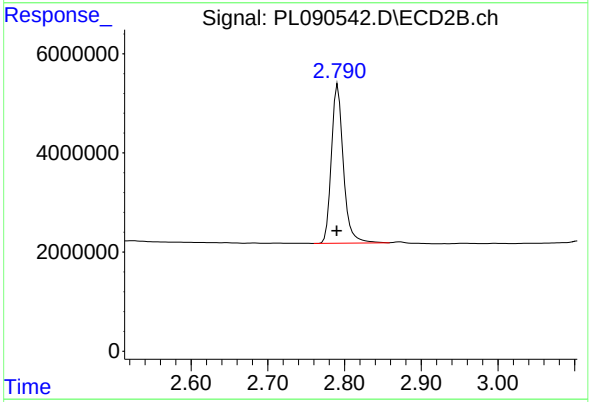




#1 Tetrachloro-m-xylene

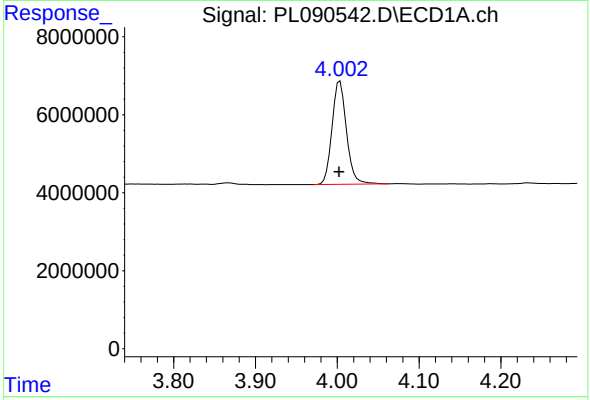
R.T.: 3.548 min
Delta R.T.: 0.001 min
Response: 44756278
Conc: 21.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



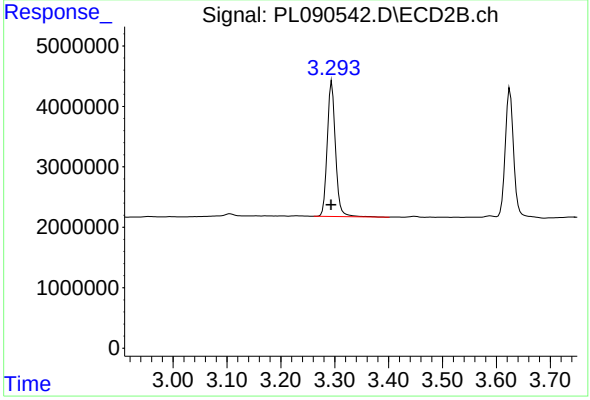
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: 0.002 min
Response: 34653268
Conc: 20.59 ng/ml



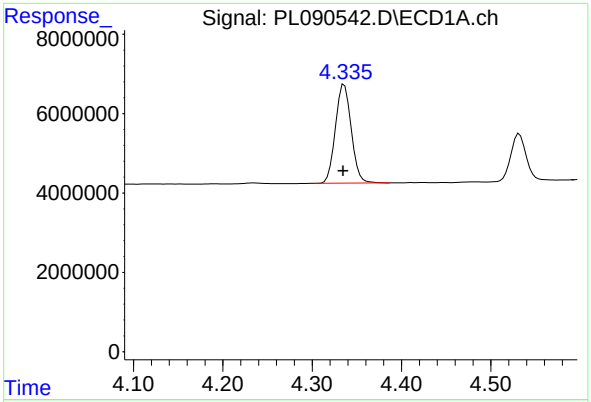
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 32576075
Conc: 10.98 ng/ml



#2 alpha-BHC

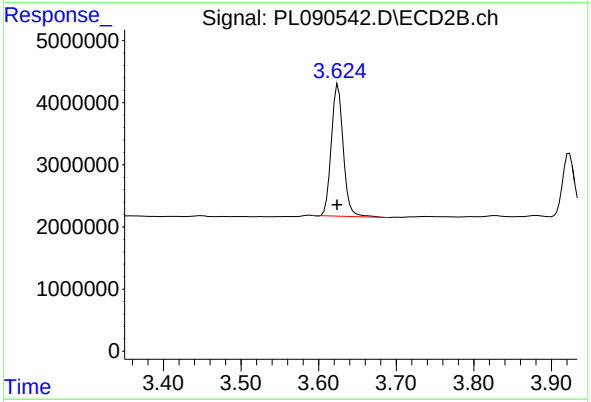
R.T.: 3.295 min
Delta R.T.: 0.001 min
Response: 23698594
Conc: 9.81 ng/ml



#3 gamma-BHC (Lindane)

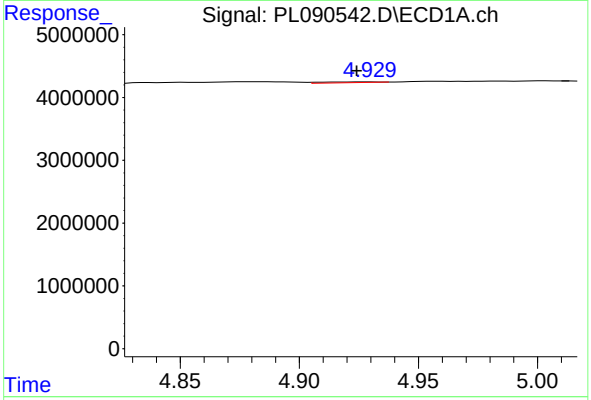
R.T.: 4.336 min
Delta R.T.: 0.001 min
Response: 30627904
Conc: 10.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



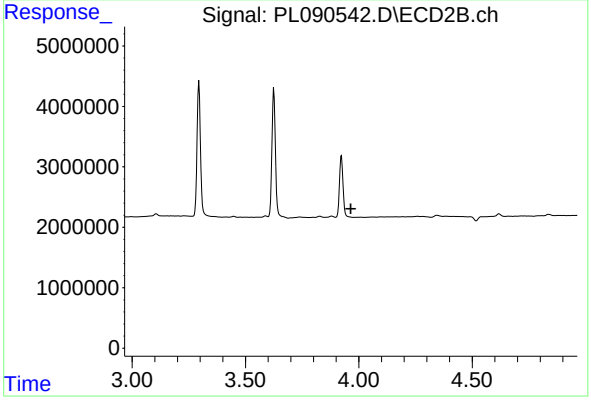
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.001 min
Response: 22657268
Conc: 9.83 ng/ml



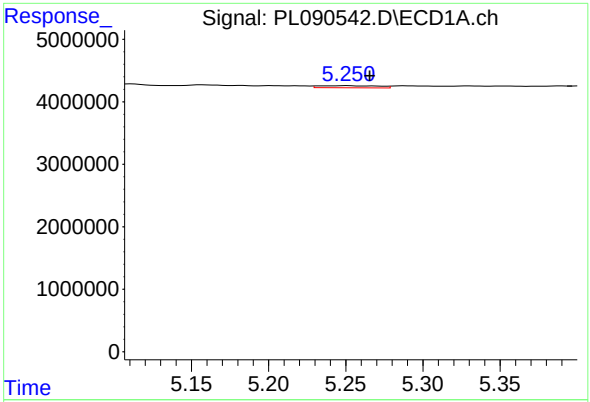
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.004 min
Response: 198447
Conc: 0.08 ng/ml



#4 Heptachlor

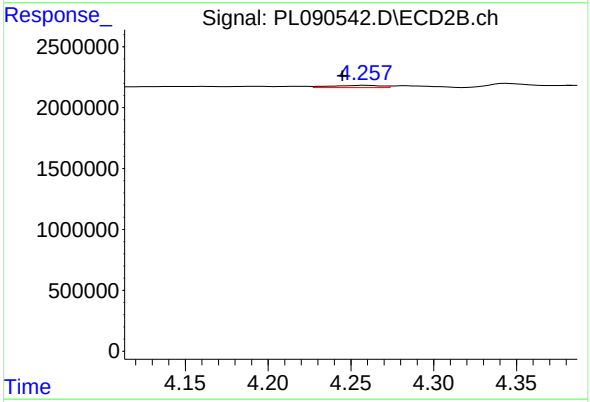
R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



#5 Aldrin

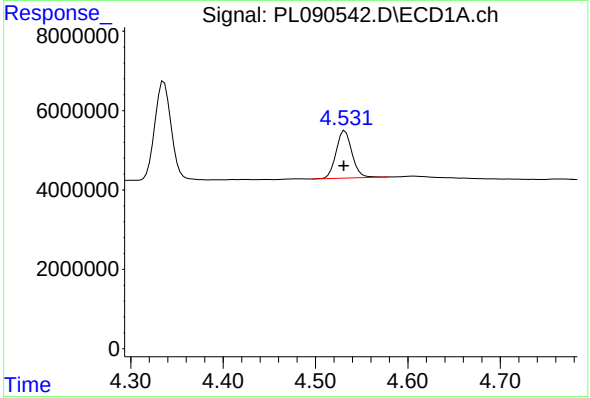
R.T.: 5.251 min
Delta R.T.: -0.015 min
Response: 898557
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



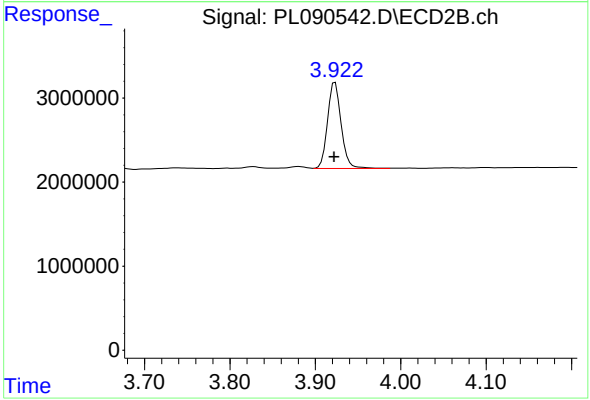
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.014 min
Response: 379890
Conc: 0.18 ng/ml



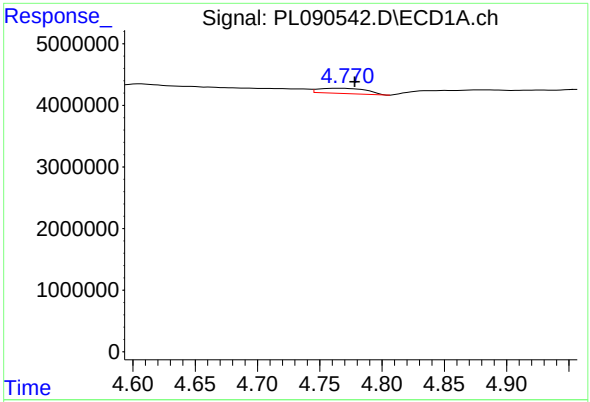
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.001 min
Response: 14367391
Conc: 11.33 ng/ml



#6 beta-BHC

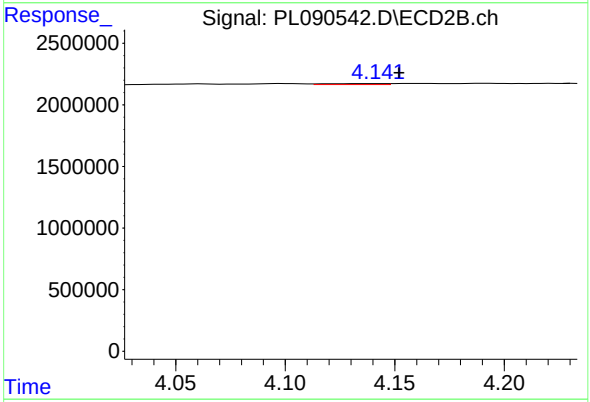
R.T.: 3.923 min
Delta R.T.: 0.001 min
Response: 11359781
Conc: 11.01 ng/ml



#7 delta-BHC

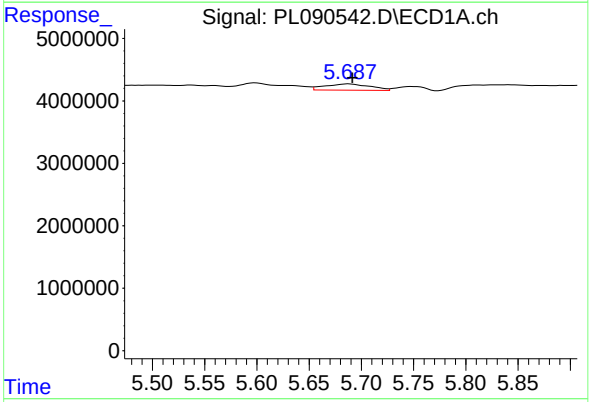
R.T.: 4.766 min
Delta R.T.: -0.013 min
Response: 2266177
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



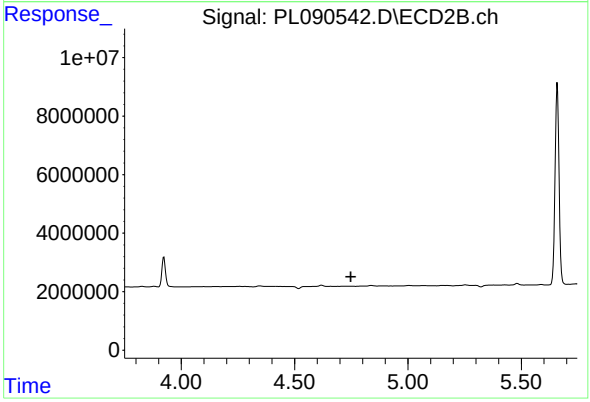
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.009 min
Response: 157107
Conc: 0.07 ng/ml



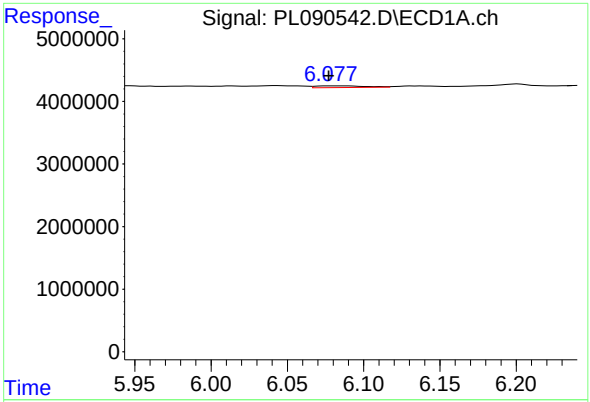
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 3012504
Conc: 1.28 ng/ml



#8 Heptachlor epoxide

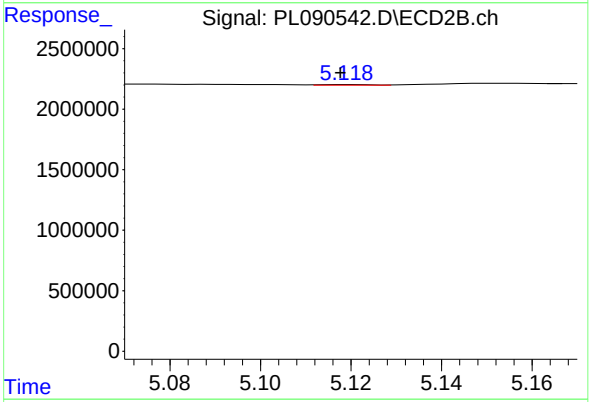
R.T.: 0.000 min
Exp R.T. : 4.748 min
Response: 0
Conc: N.D.



#9 Endosulfan I

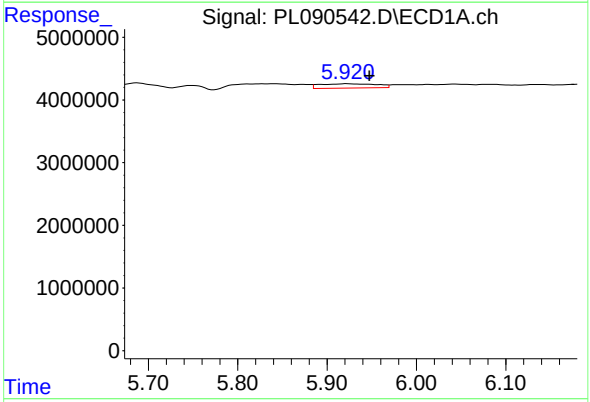
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 640181
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



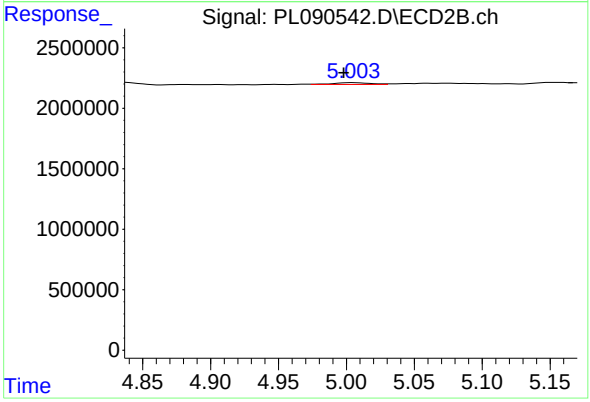
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 36344
Conc: 0.02 ng/ml



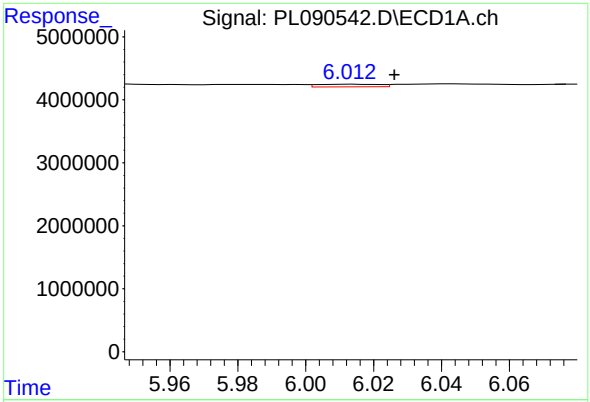
#10 gamma-Chlordane

R.T.: 5.922 min
Delta R.T.: -0.025 min
Response: 2990908
Conc: 1.29 ng/ml



#10 gamma-Chlordane

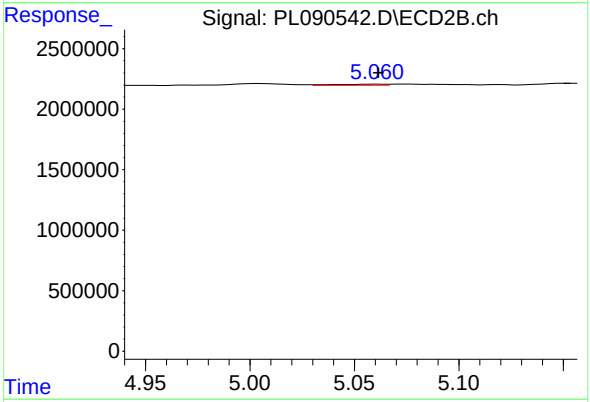
R.T.: 5.005 min
Delta R.T.: 0.007 min
Response: 282195
Conc: 0.14 ng/ml



#11 alpha-Chlordane

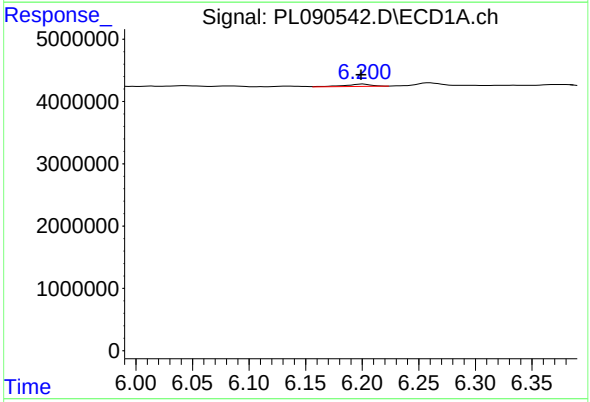
R.T.: 6.013 min
Delta R.T.: -0.013 min
Response: 519314
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



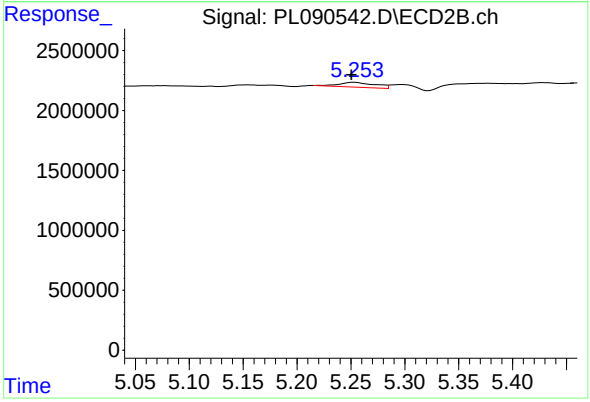
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 148867
Conc: 0.07 ng/ml



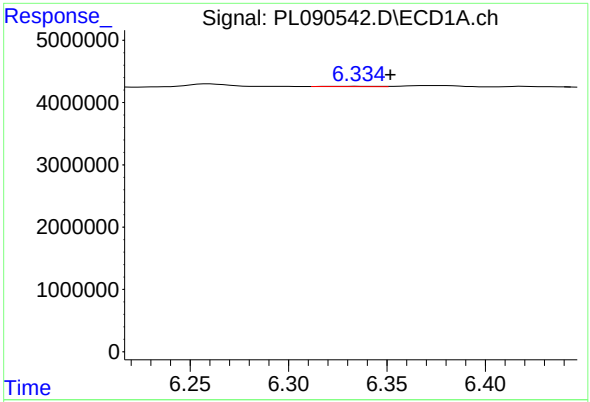
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.002 min
Response: 593594
Conc: 0.29 ng/ml



#12 4,4'-DDE

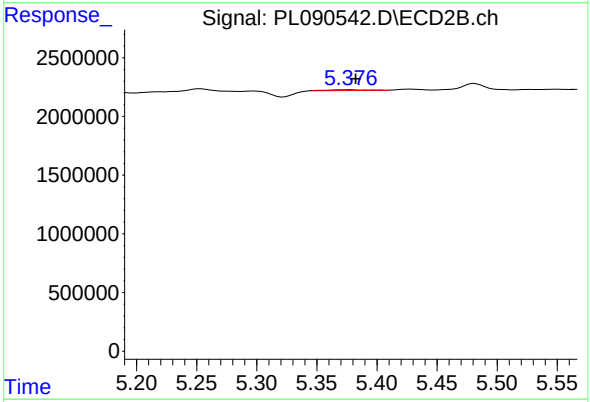
R.T.: 5.253 min
Delta R.T.: 0.002 min
Response: 940238
Conc: 0.53 ng/ml



#13 Dieldrin

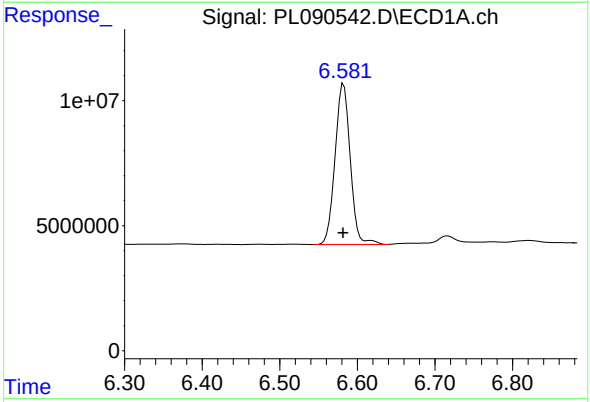
R.T.: 6.337 min
Delta R.T.: -0.015 min
Response: 82907
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



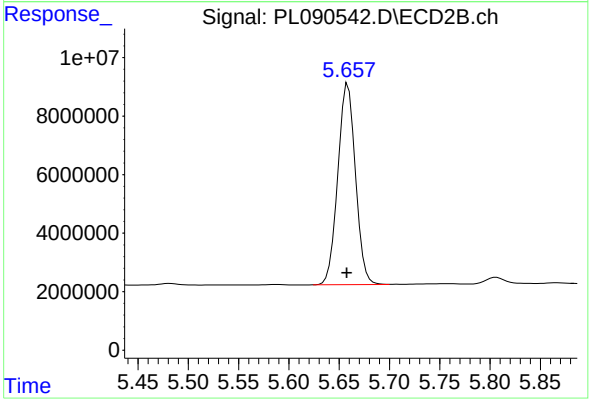
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.005 min
Response: 141196
Conc: 0.07 ng/ml



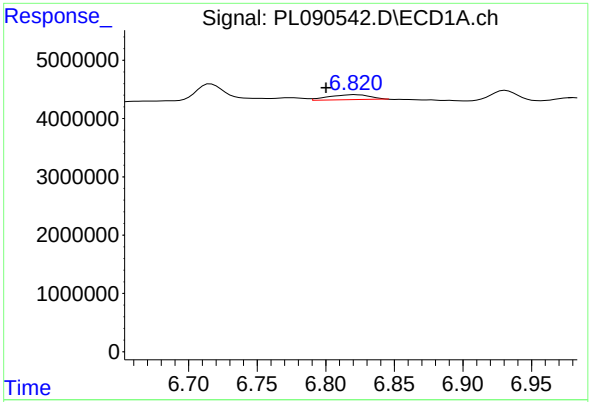
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 87759272
Conc: 47.74 ng/ml



#14 Endrin

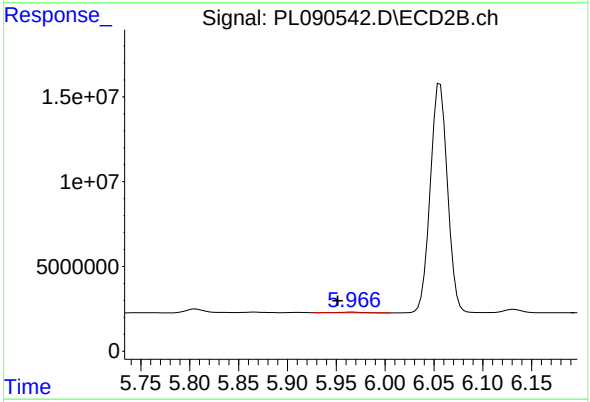
R.T.: 5.659 min
Delta R.T.: 0.001 min
Response: 83857710
Conc: 48.72 ng/ml



#15 Endosulfan II

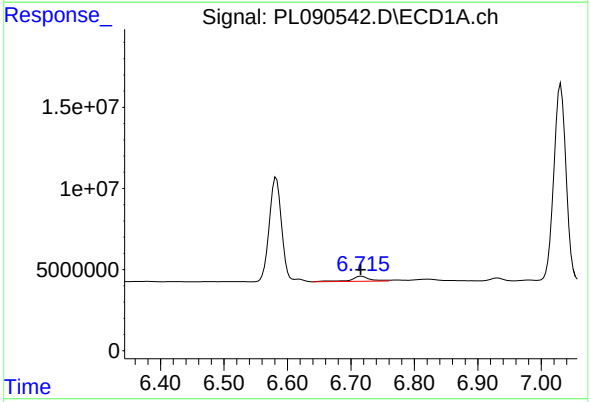
R.T.: 6.821 min
Delta R.T.: 0.021 min
Response: 1865608
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



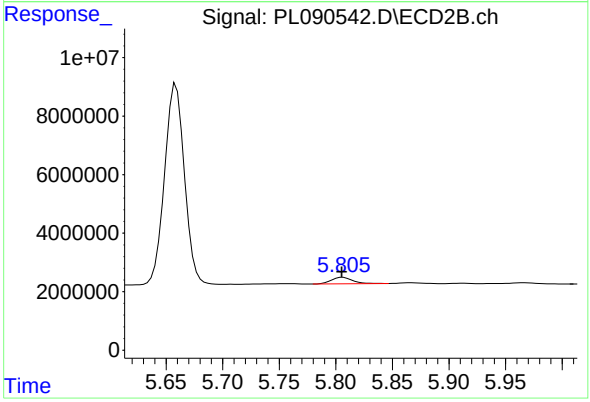
#15 Endosulfan II

R.T.: 5.967 min
Delta R.T.: 0.015 min
Response: 710114
Conc: 0.42 ng/ml



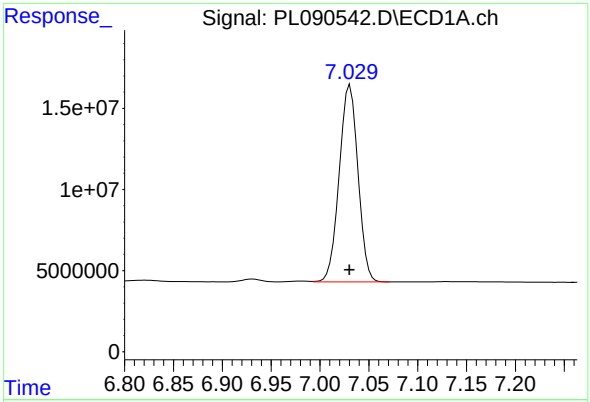
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 6278229
Conc: 3.72 ng/ml



#16 4,4'-DDD

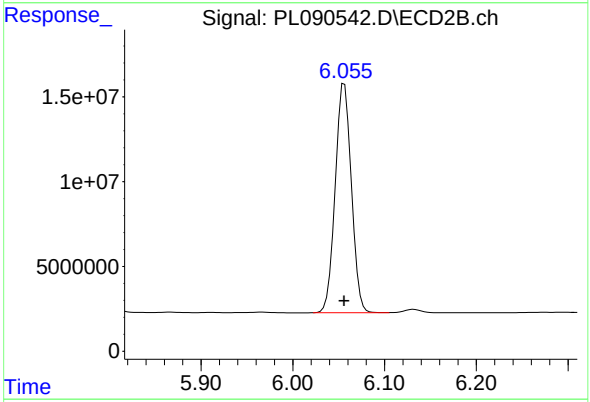
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 2897834
Conc: 1.93 ng/ml



#17 4,4'-DDT

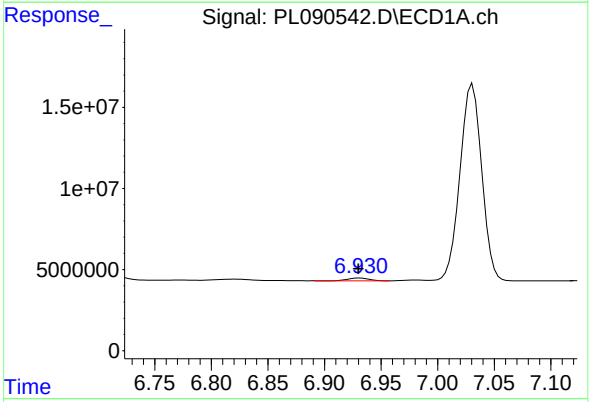
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 162405484
Conc: 96.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



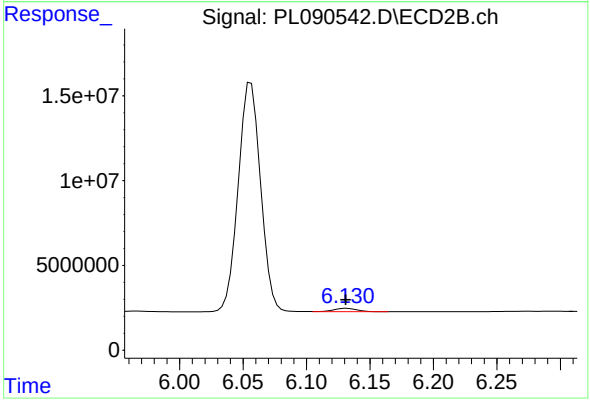
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 165657031
Conc: 113.06 ng/ml



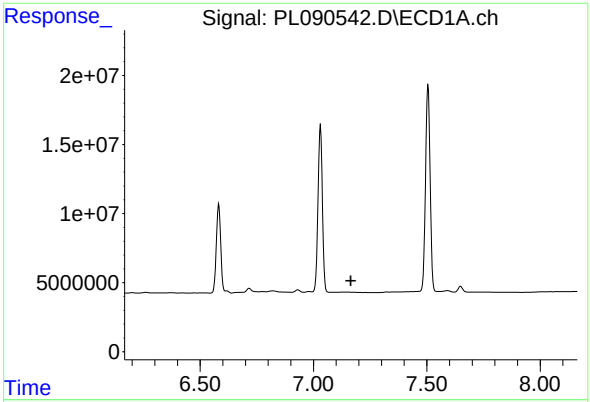
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 2200669
Conc: 1.48 ng/ml



#18 Endrin aldehyde

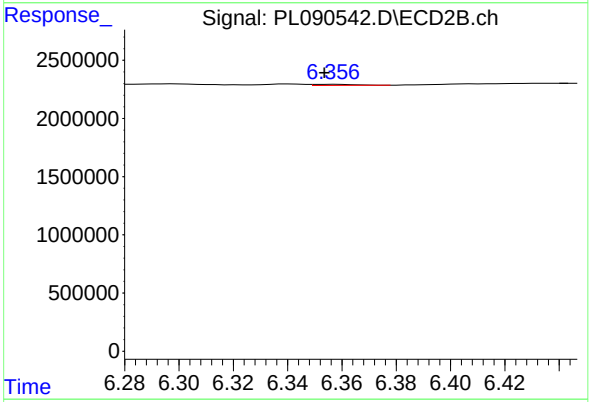
R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 2557931
Conc: 1.96 ng/ml



#19 Endosulfan Sulfate

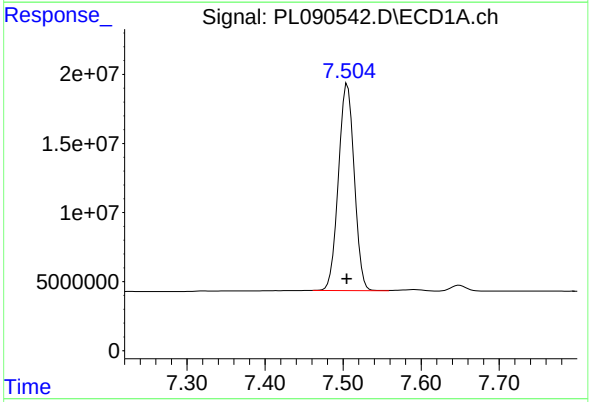
R.T.: 0.000 min
Exp R.T. : 7.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



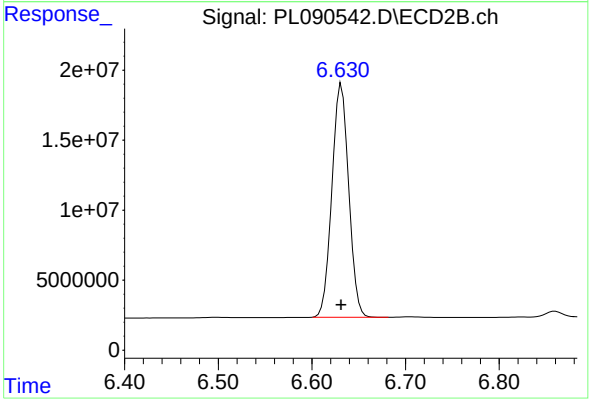
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: 0.004 min
Response: 97108
Conc: 0.06 ng/ml



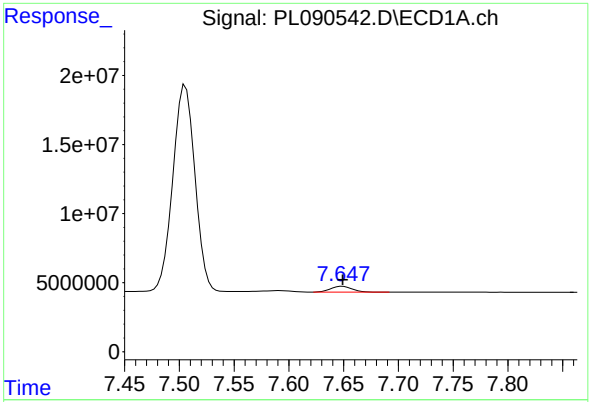
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 210715566
Conc: 238.66 ng/ml



#20 Methoxychlor

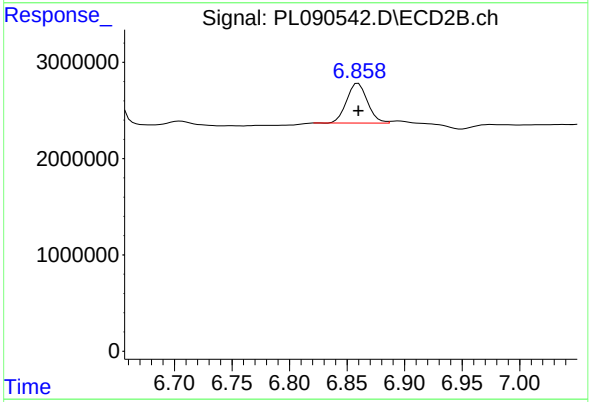
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 208310607
Conc: 257.64 ng/ml



#21 Endrin ketone

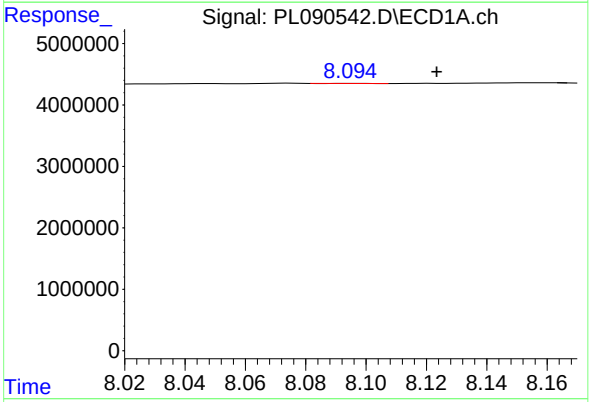
R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 5763786
Conc: 3.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



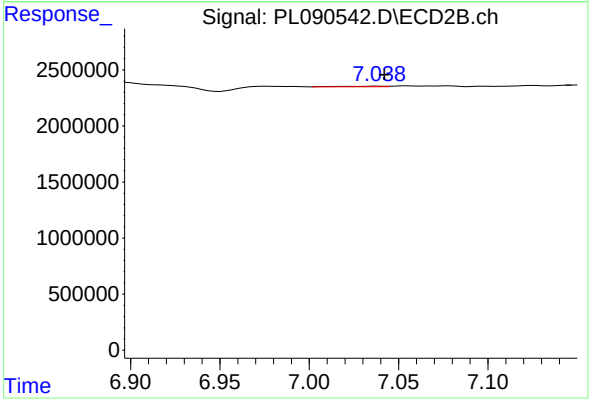
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 5243833
Conc: 2.87 ng/ml



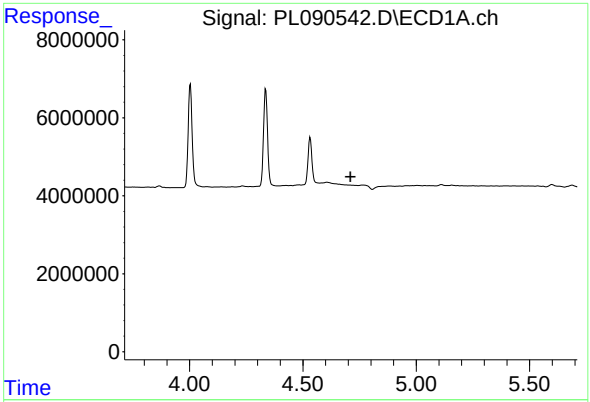
#22 Mirex

R.T.: 8.095 min
Delta R.T.: -0.028 min
Response: 12588
Conc: 0.01 ng/ml



#22 Mirex

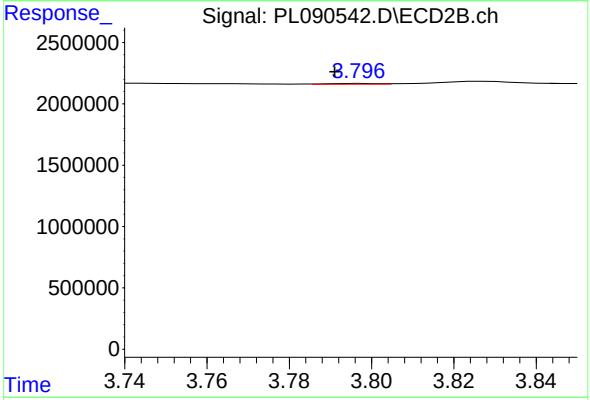
R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 72894
Conc: 0.05 ng/ml



#23 Chlordane-1

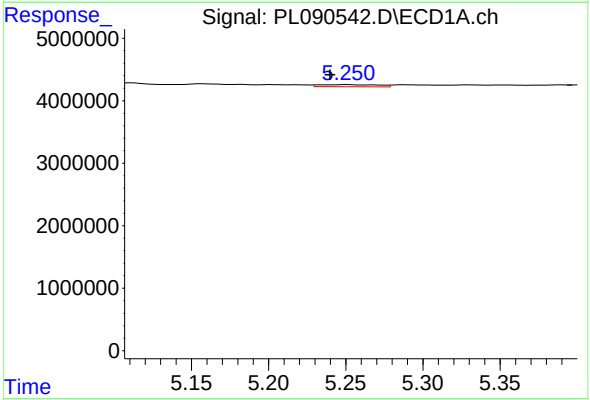
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



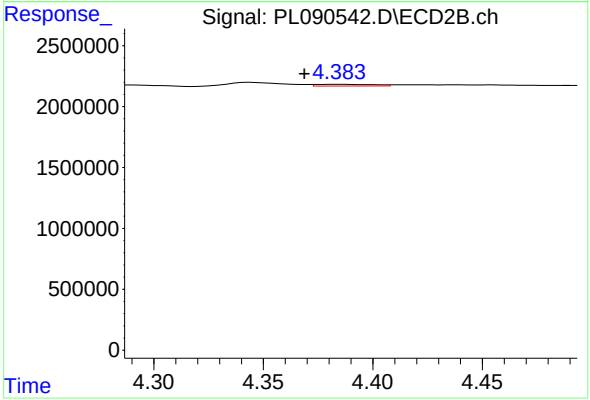
#23 Chlordane-1

R.T.: 3.797 min
Delta R.T.: 0.006 min
Response: 55676
Conc: 0.90 ng/ml



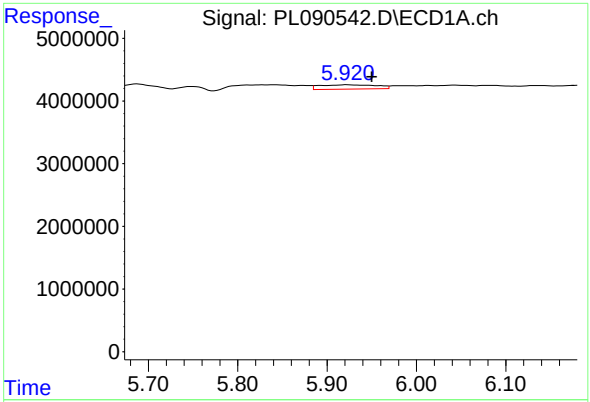
#24 Chlordane-2

R.T.: 5.251 min
Delta R.T.: 0.011 min
Response: 898557
Conc: 8.78 ng/ml



#24 Chlordane-2

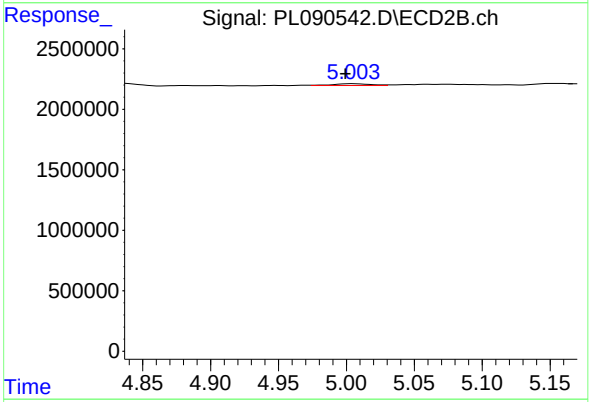
R.T.: 4.385 min
Delta R.T.: 0.016 min
Response: 264763
Conc: 3.49 ng/ml



#25 Chlordane-3

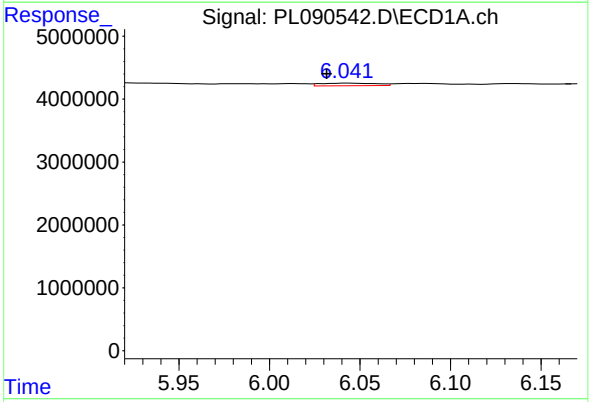
R.T.: 5.922 min
Delta R.T.: -0.028 min
Response: 2990908
Conc: 9.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



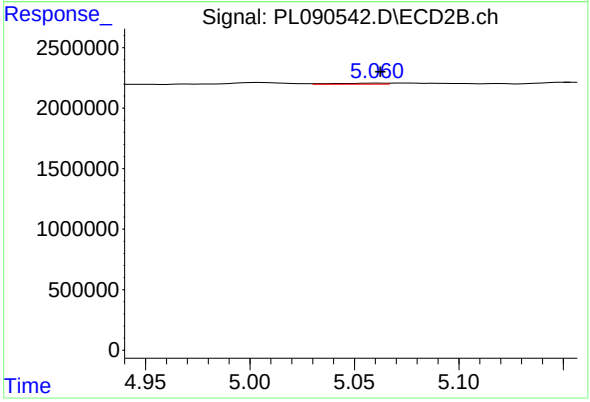
#25 Chlordane-3

R.T.: 5.005 min
Delta R.T.: 0.005 min
Response: 282195
Conc: 1.37 ng/ml



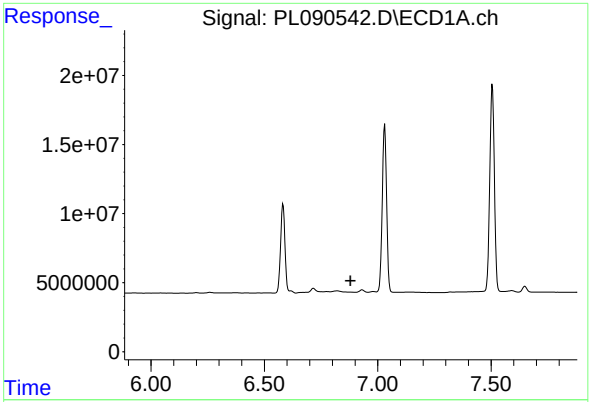
#26 Chlordane-4

R.T.: 6.043 min
Delta R.T.: 0.012 min
Response: 887240
Conc: 2.23 ng/ml



#26 Chlordane-4

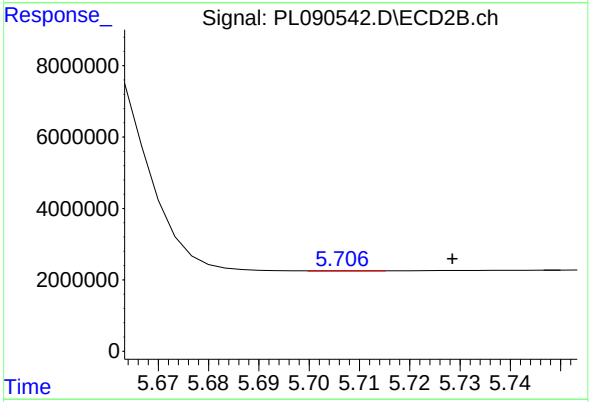
R.T.: 5.061 min
Delta R.T.: -0.001 min
Response: 148867
Conc: 0.76 ng/ml



#27 Chlordane-5

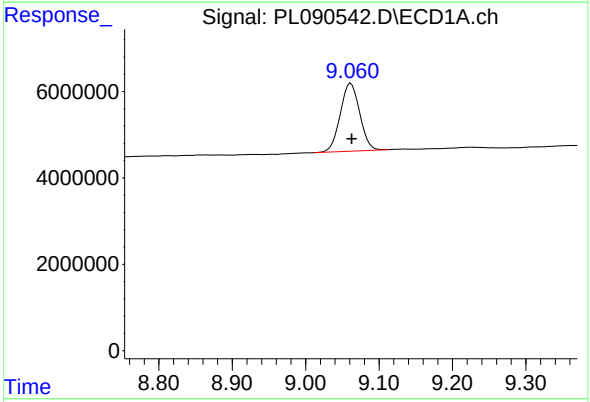
R.T.: 0.000 min
Exp R.T. : 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



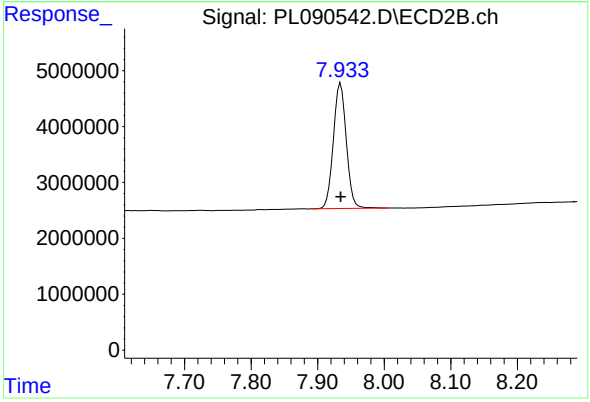
#27 Chlordane-5

R.T.: 5.707 min
Delta R.T.: -0.021 min
Response: 50107
Conc: 0.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 28949029
Conc: 21.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 30322132
Conc: 20.80 ng/ml