

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071524\
 Data File : PL090530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2024 13:58
 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 15 14:20:51 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	42028759	33647990	20.185	19.993
28)	SA Decachlor...	9.058	7.932	27254703	31050670	20.510	21.295
Target Compounds							
2)	A alpha-BHC	4.001	3.292	30556832	23365917	10.298	9.671
3)	MA gamma-BHC...	4.334	3.623	28864178	22206586	10.307	9.630
4)	MA Heptachlor	4.921	3.978	231235	28960	0.091	0.013 #
5)	MB Aldrin	5.274	4.254	499363	586016	0.200	0.275 #
6)	B beta-BHC	4.529	3.921	13430839	10947057	10.588	10.606
7)	B delta-BHC	4.759f	4.155	3272518	157434	1.221	0.072 #
8)	B Heptachlo...	5.685	4.757	3733953	-2203	1.589	N.D. #
9)	A Endosulfan I	6.078	5.117	828124	96439	0.387	0.053 #
10)	B gamma-Chl...	5.925f	5.003	3295025	162746	1.417	0.080 #
11)	B alpha-Chl...	6.041f	5.057	834103	142837	0.363	0.071 #
12)	B 4,4'-DDE	6.197	5.251	740227	598124	0.366	0.335
13)	MA Dieldrin	6.354	5.377	-24657	119021	N.D.	0.061
14)	MA Endrin	6.580	5.656	83688323	82503546	45.522	47.936
15)	B Endosulfa...	6.819f	5.965	1767830	563945	0.899	0.330 #
16)	A 4,4'-DDD	6.715	5.803	4581973	2886420	2.714	1.927 #
17)	MA 4,4'-DDT	7.028	6.054	156.1E6	164.8E6	92.741	112.460
18)	B Endrin al...	6.928	6.129	2778006	2763689	1.872	2.115
19)	B Endosulfa...	7.156	6.347	36246	279473	0.021	0.173 #
20)	A Methoxychlor	7.503	6.629	200.8E6	210.5E6	227.419	260.354
21)	B Endrin ke...	7.647	6.857	5841679	5177228	3.060	2.833
22)	Mirex	8.136	7.060f	88858	115606	0.063	0.078
23)	Chlordane-1	0.000	3.789	0	38190	N.D.	0.617 #
24)	Chlordane-2	5.240	4.342f	362987	1736465	3.546	22.896 #
25)	Chlordane-3	5.925f	5.003	3295025	162746	9.953	0.787 #
26)	Chlordane-4	6.041	5.057	834103	142837	2.094	0.730 #
27)	Chlordane-5	6.878	5.752f	-12294	516060	N.D.	8.562

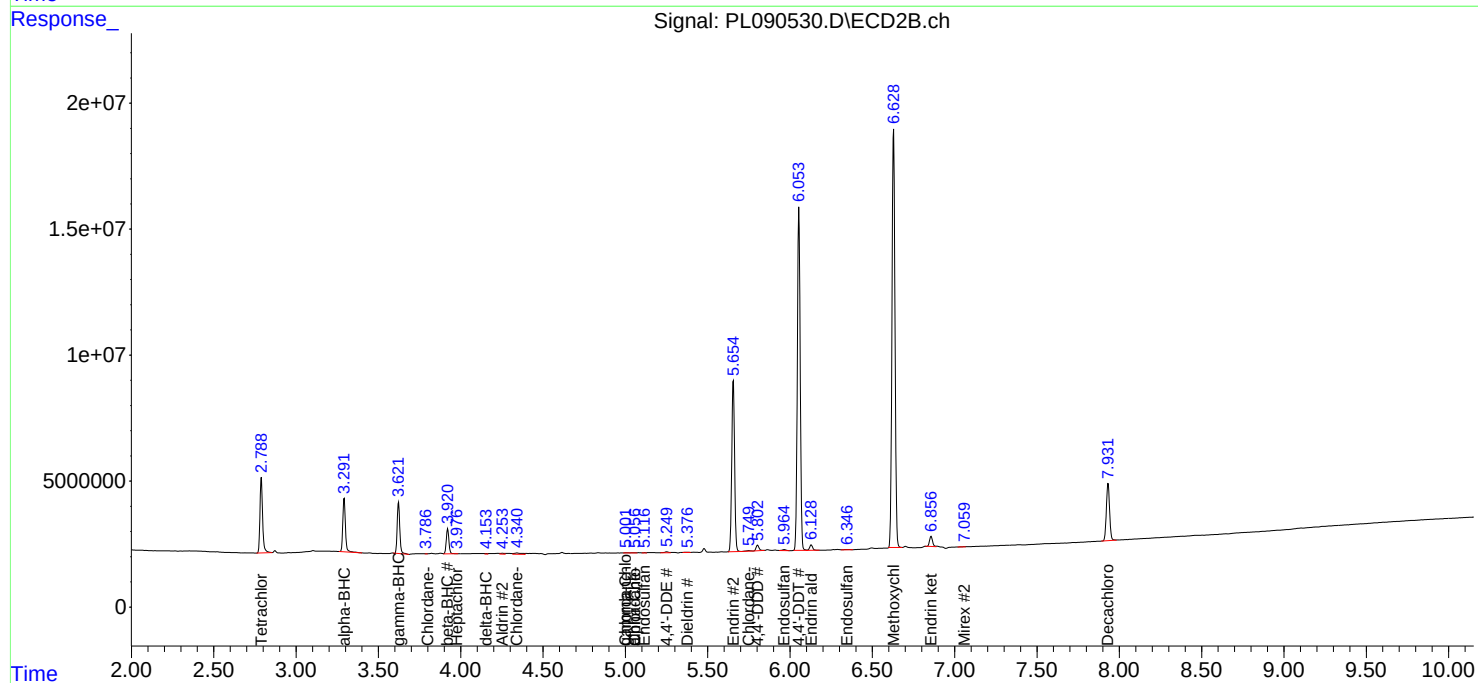
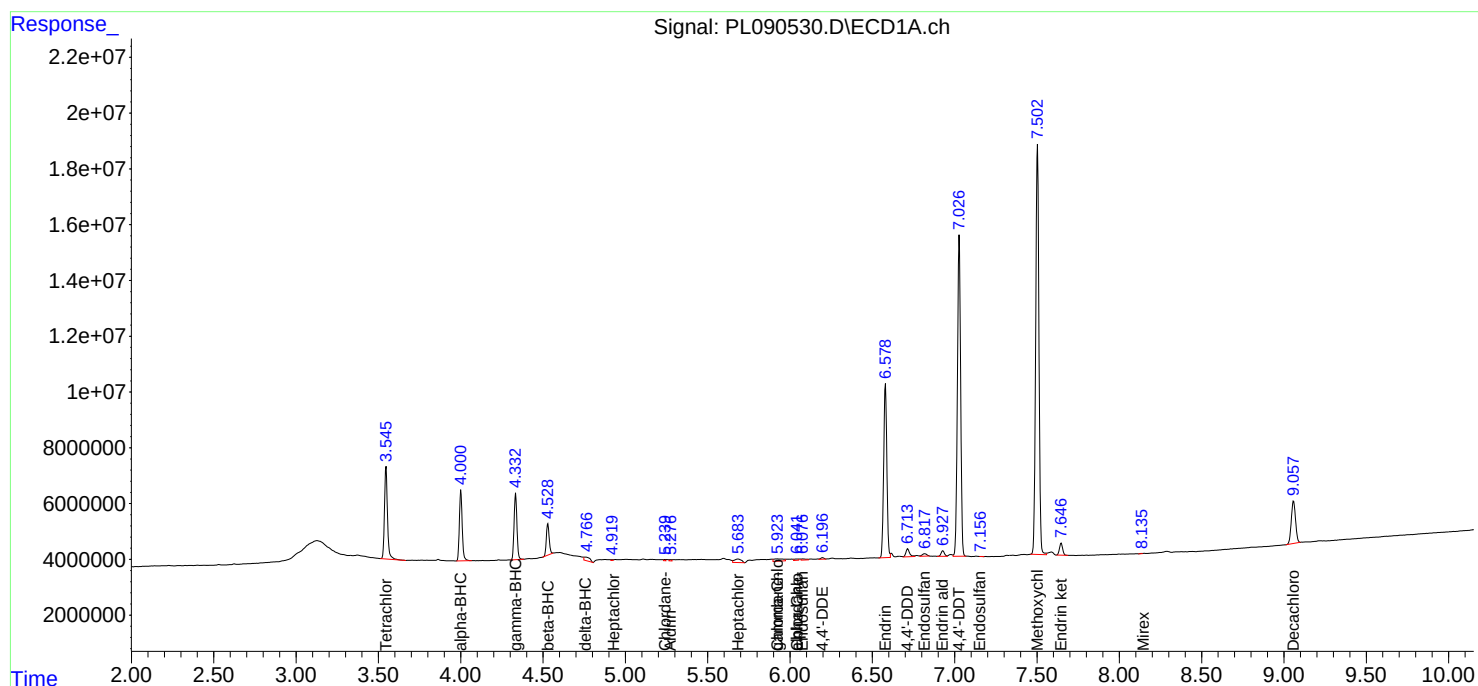
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

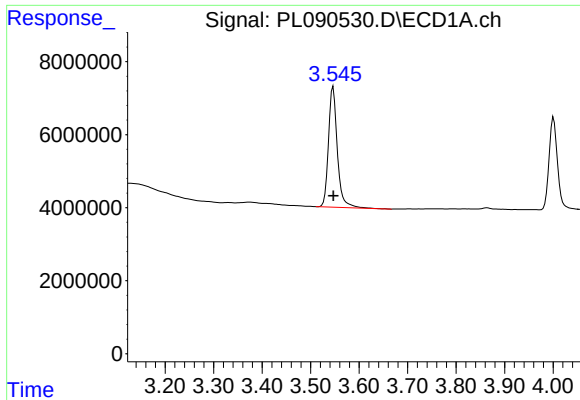
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071524\
Data File : PL090530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2024 13:58
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 14:20:51 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
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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

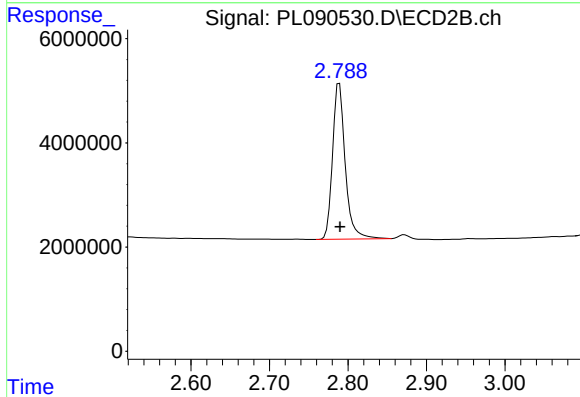




#1 Tetrachloro-m-xylene

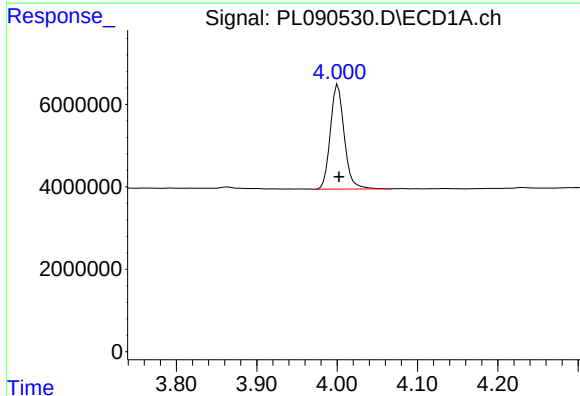
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 42028759
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



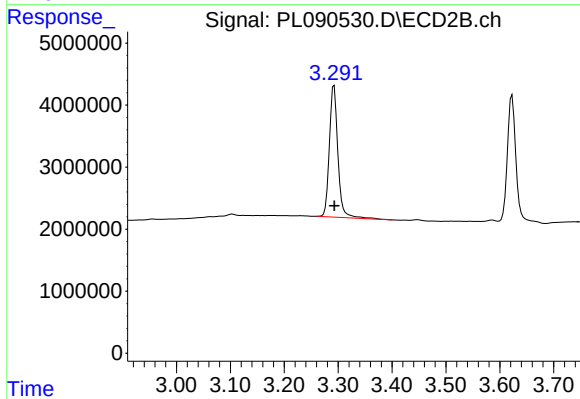
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 33647990
Conc: 19.99 ng/ml



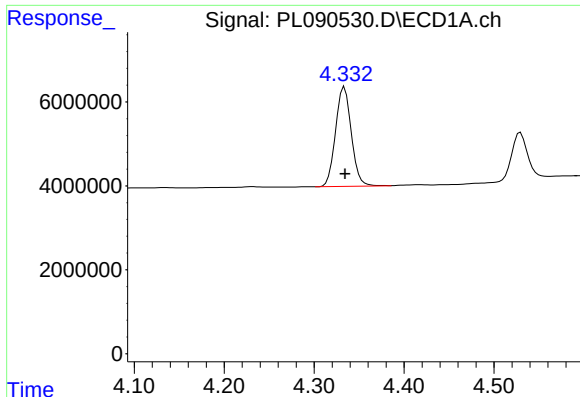
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 30556832
Conc: 10.30 ng/ml



#2 alpha-BHC

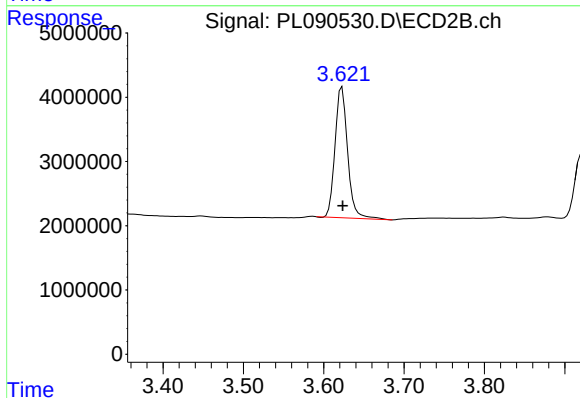
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 23365917
Conc: 9.67 ng/ml



#3 gamma-BHC (Lindane)

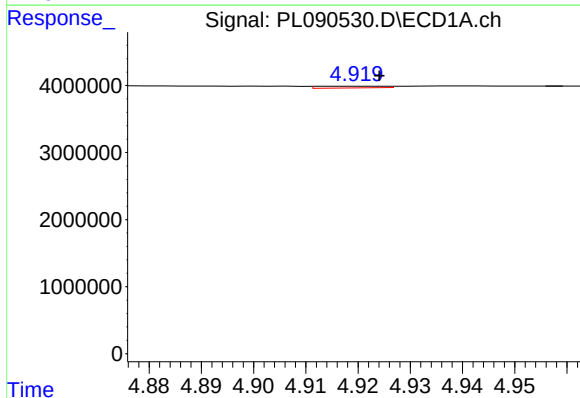
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 28864178
Conc: 10.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



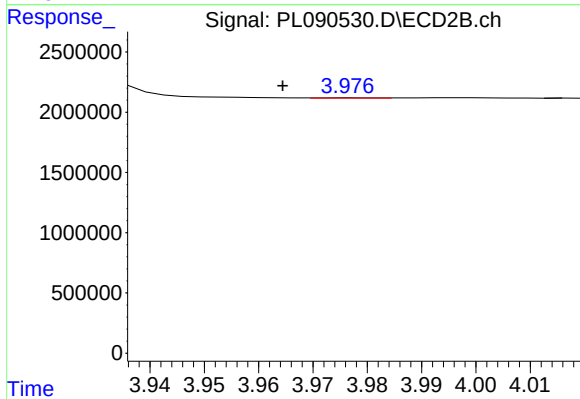
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 22206586
Conc: 9.63 ng/ml



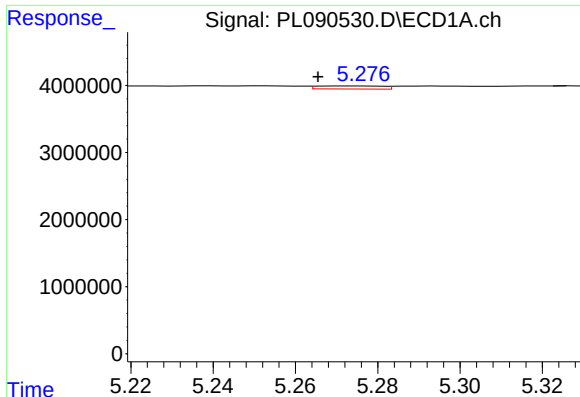
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 231235
Conc: 0.09 ng/ml



#4 Heptachlor

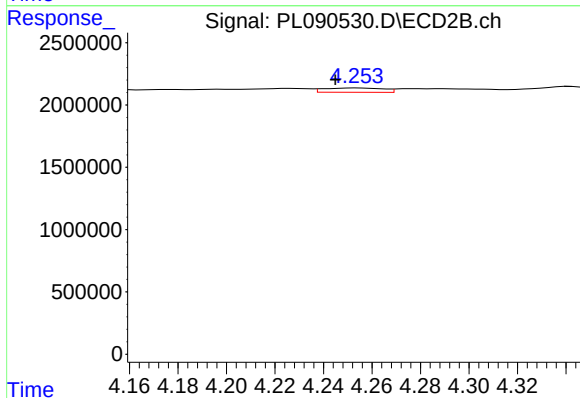
R.T.: 3.978 min
Delta R.T.: 0.013 min
Response: 28960
Conc: 0.01 ng/ml



#5 Aldrin

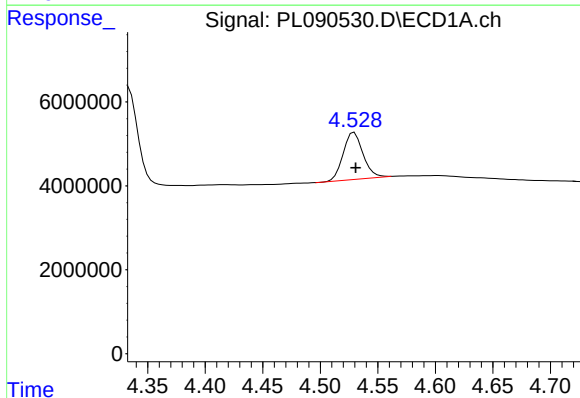
R.T.: 5.274 min
Delta R.T.: 0.008 min
Response: 499363
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



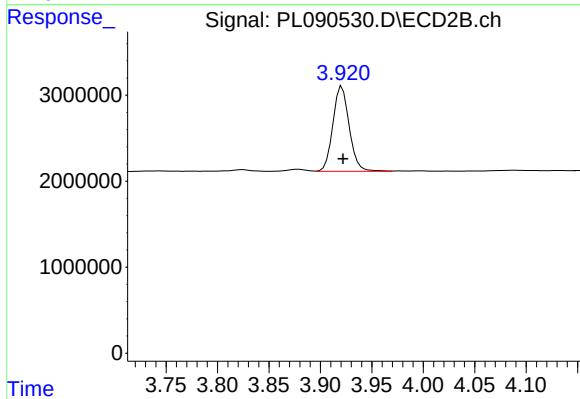
#5 Aldrin

R.T.: 4.254 min
Delta R.T.: 0.009 min
Response: 586016
Conc: 0.28 ng/ml



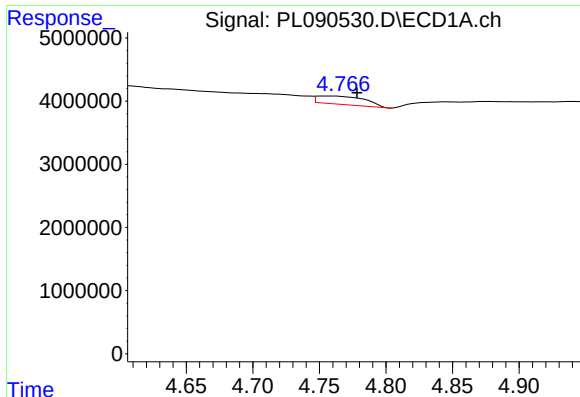
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.001 min
Response: 13430839
Conc: 10.59 ng/ml



#6 beta-BHC

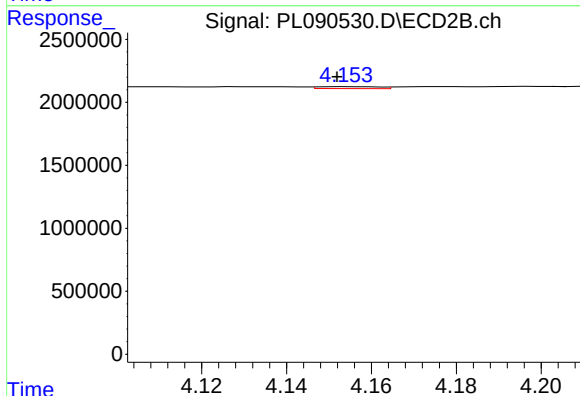
R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 10947057
Conc: 10.61 ng/ml



#7 delta-BHC

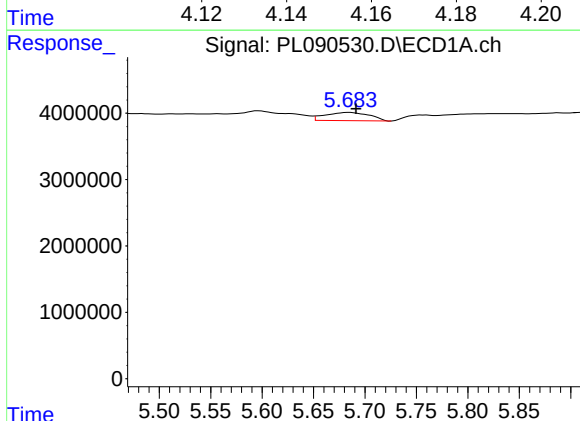
R.T.: 4.759 min
Delta R.T.: -0.020 min
Response: 3272518
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



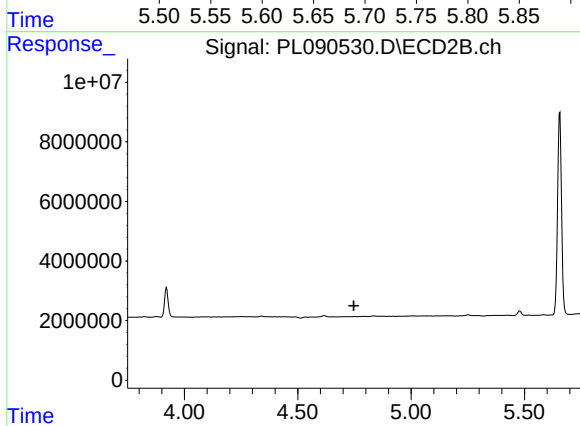
#7 delta-BHC

R.T.: 4.155 min
Delta R.T.: 0.003 min
Response: 157434
Conc: 0.07 ng/ml



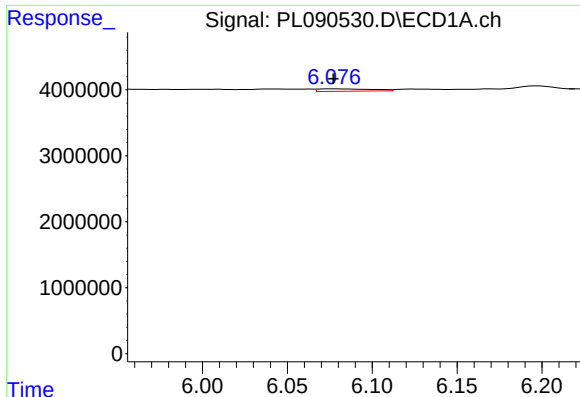
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 3733953
Conc: 1.59 ng/ml



#8 Heptachlor epoxide

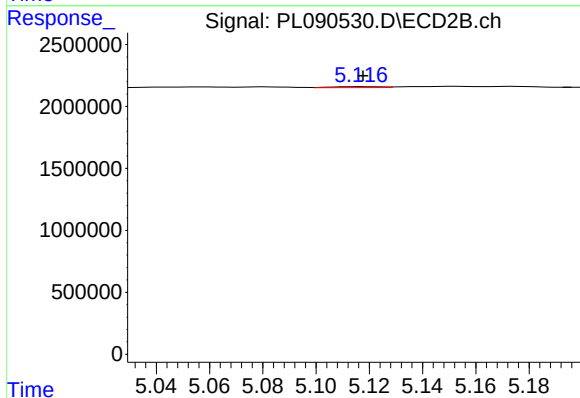
R.T.: 4.757 min
Delta R.T.: 0.010 min
Response: -2203
Conc: N.D.



#9 Endosulfan I

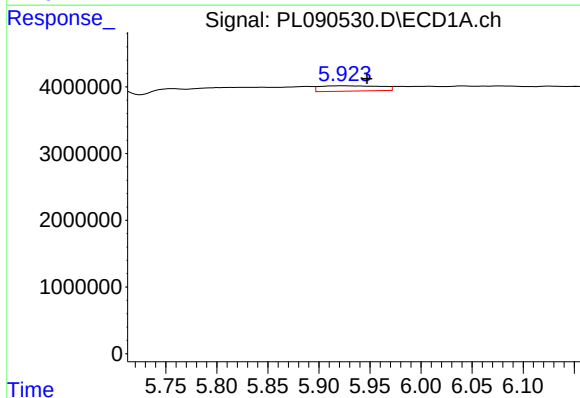
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 828124
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



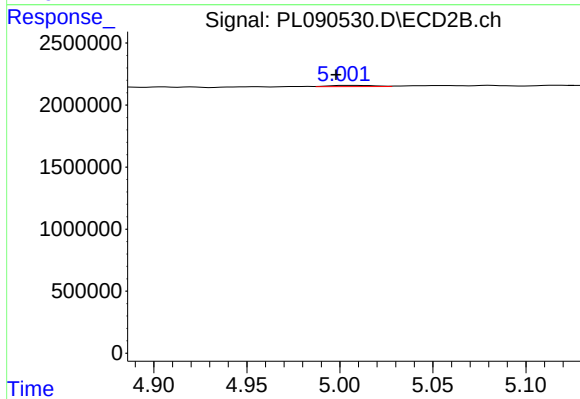
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 96439
Conc: 0.05 ng/ml



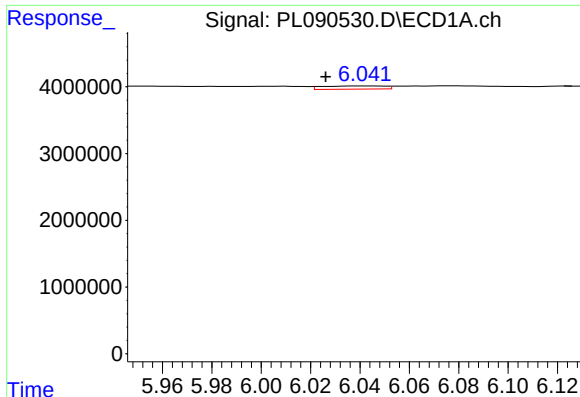
#10 gamma-Chlordane

R.T.: 5.925 min
Delta R.T.: -0.023 min
Response: 3295025
Conc: 1.42 ng/ml



#10 gamma-Chlordane

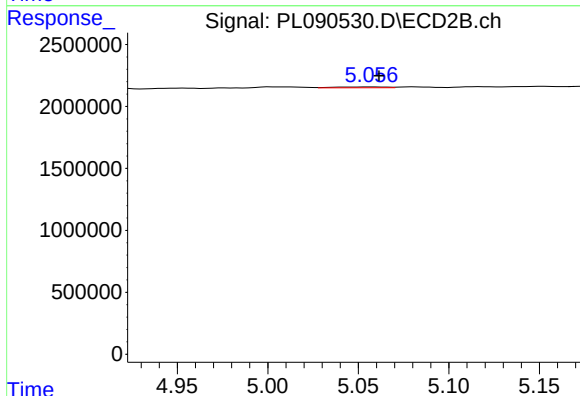
R.T.: 5.003 min
Delta R.T.: 0.005 min
Response: 162746
Conc: 0.08 ng/ml



#11 alpha-Chlordane

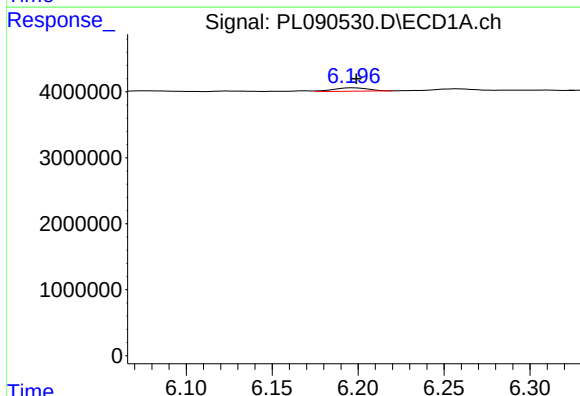
R.T.: 6.041 min
Delta R.T.: 0.015 min
Response: 834103
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



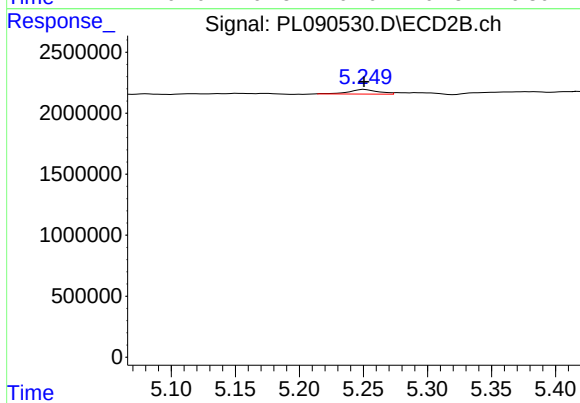
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.004 min
Response: 142837
Conc: 0.07 ng/ml



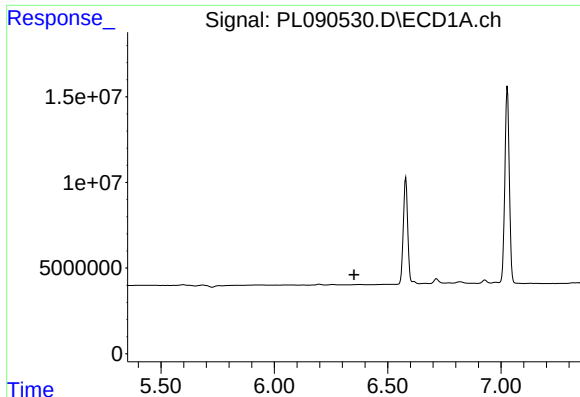
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.002 min
Response: 740227
Conc: 0.37 ng/ml



#12 4,4'-DDE

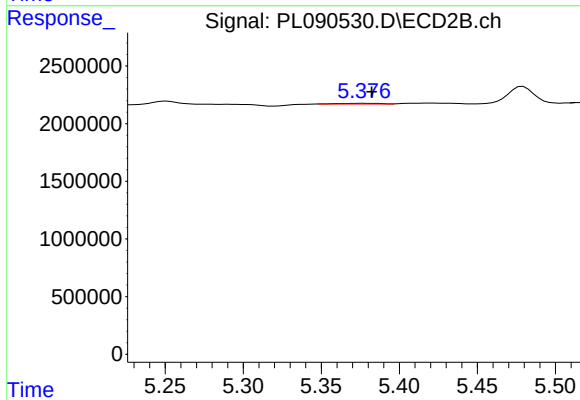
R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 598124
Conc: 0.33 ng/ml



#13 Dieldrin

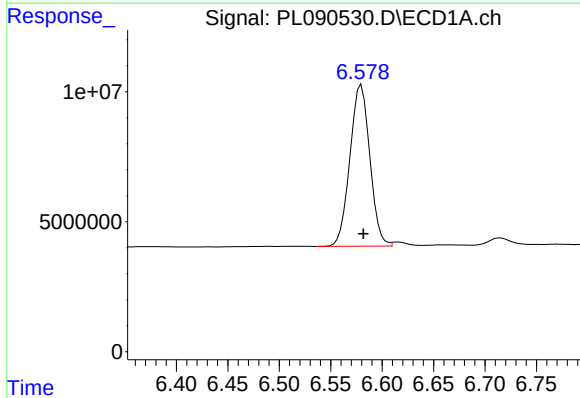
R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: -24657
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



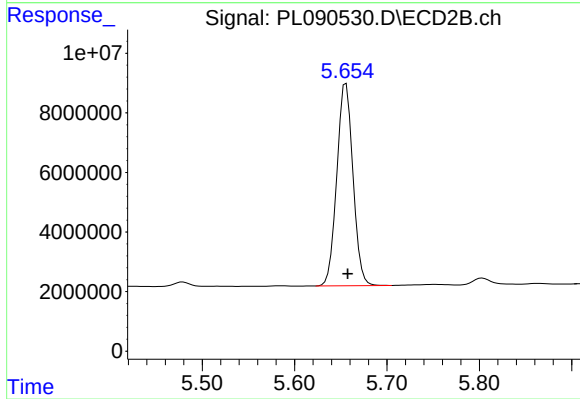
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.005 min
Response: 119021
Conc: 0.06 ng/ml



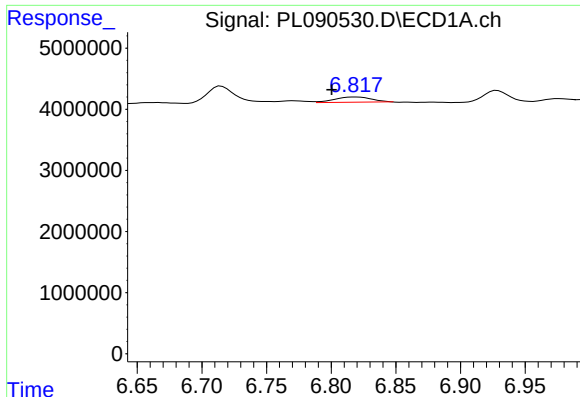
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 83688323
Conc: 45.52 ng/ml



#14 Endrin

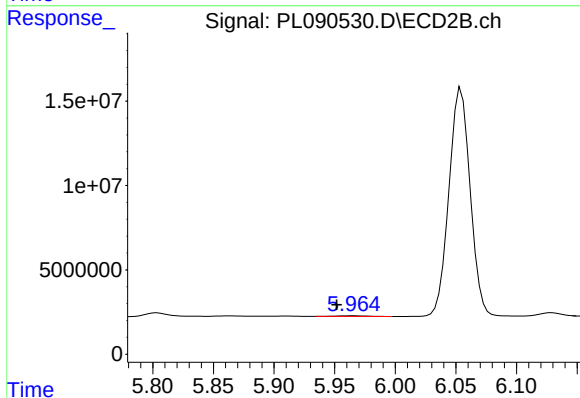
R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 82503546
Conc: 47.94 ng/ml



#15 Endosulfan II

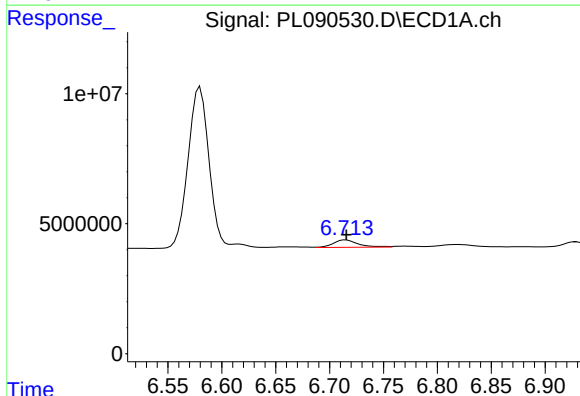
R.T.: 6.819 min
Delta R.T.: 0.018 min
Response: 1767830
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



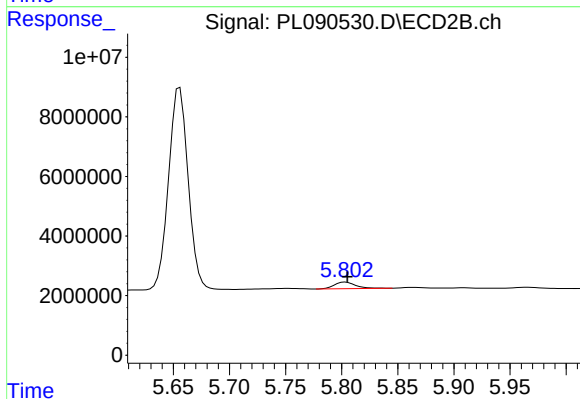
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.013 min
Response: 563945
Conc: 0.33 ng/ml



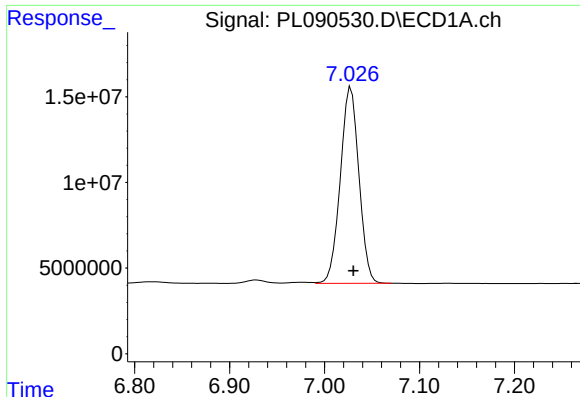
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 4581973
Conc: 2.71 ng/ml



#16 4,4'-DDD

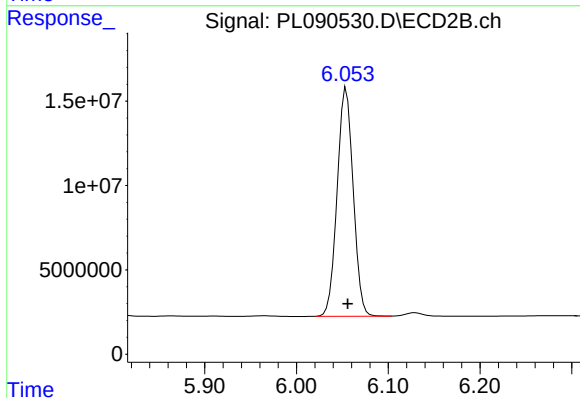
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 2886420
Conc: 1.93 ng/ml



#17 4,4'-DDT

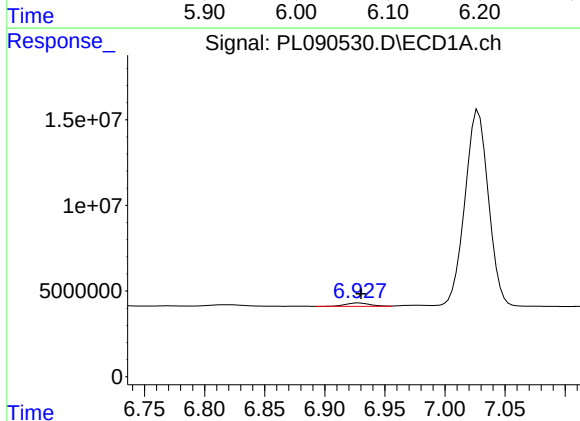
R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 156109207
Conc: 92.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



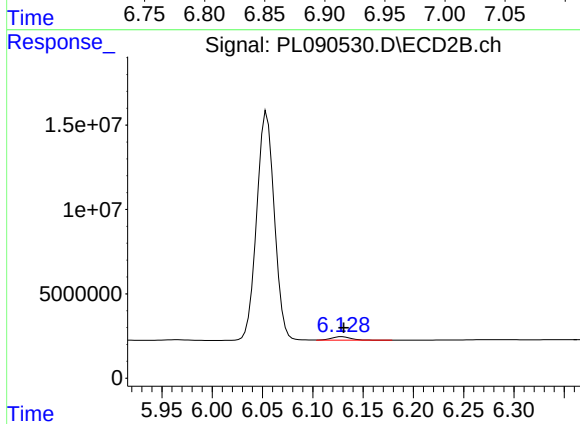
#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.001 min
Response: 164771477
Conc: 112.46 ng/ml



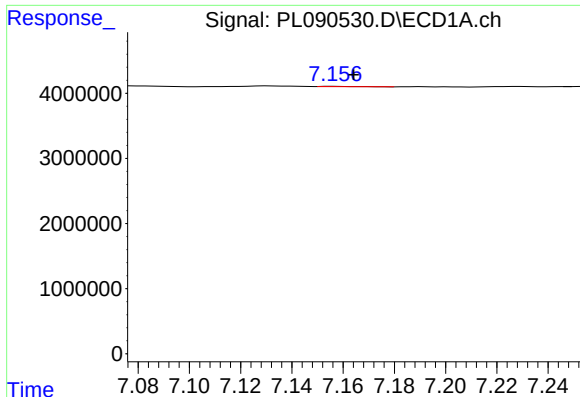
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 2778006
Conc: 1.87 ng/ml



#18 Endrin aldehyde

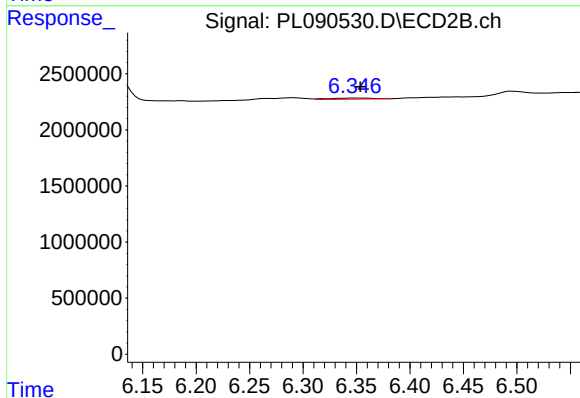
R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 2763689
Conc: 2.12 ng/ml



#19 Endosulfan Sulfate

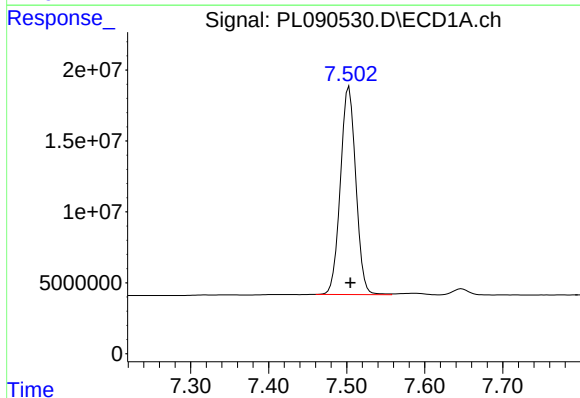
R.T.: 7.156 min
Delta R.T.: -0.009 min
Response: 36246
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



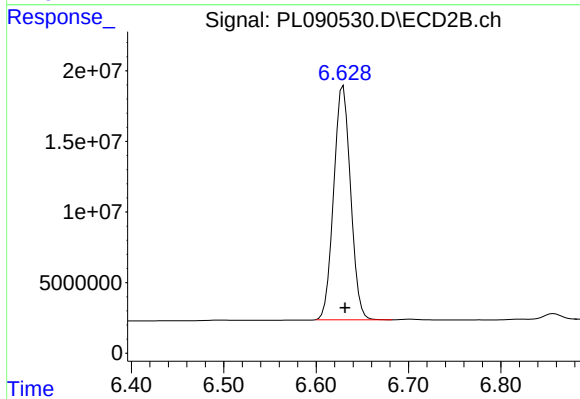
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.006 min
Response: 279473
Conc: 0.17 ng/ml



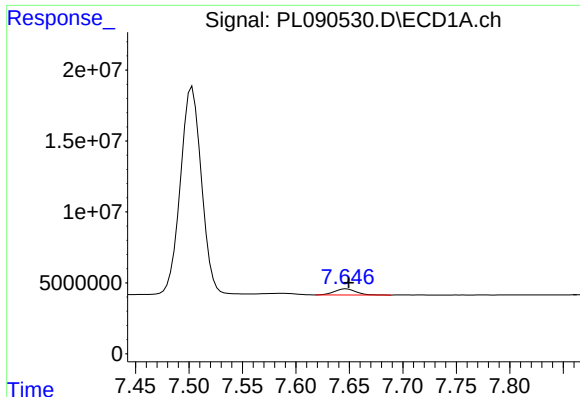
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 200790307
Conc: 227.42 ng/ml



#20 Methoxychlor

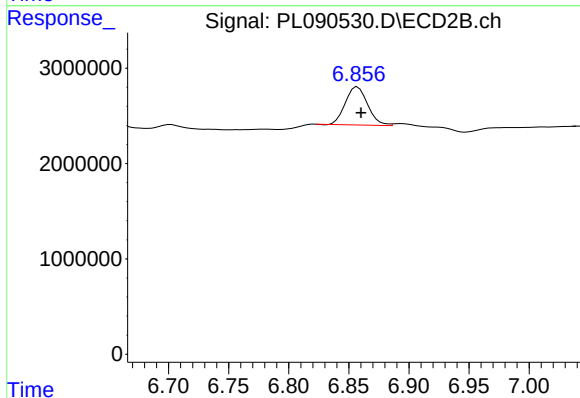
R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 210509283
Conc: 260.35 ng/ml



#21 Endrin ketone

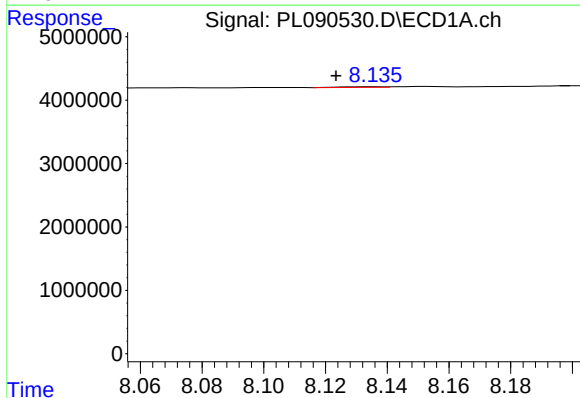
R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 5841679
Conc: 3.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



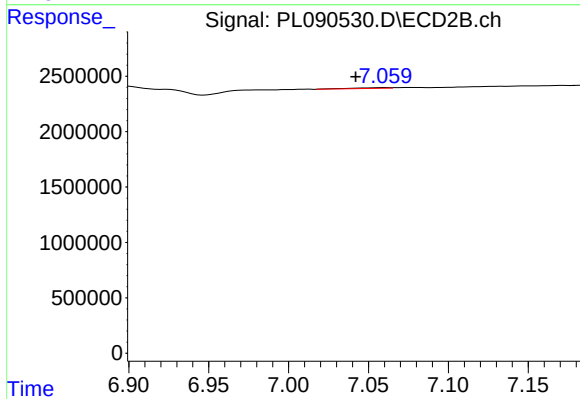
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 5177228
Conc: 2.83 ng/ml



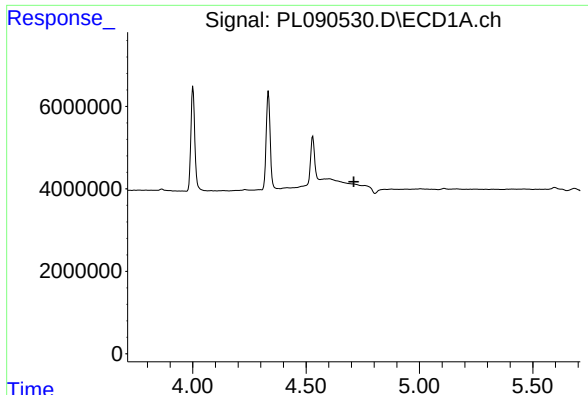
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.013 min
Response: 88858
Conc: 0.06 ng/ml



#22 Mirex

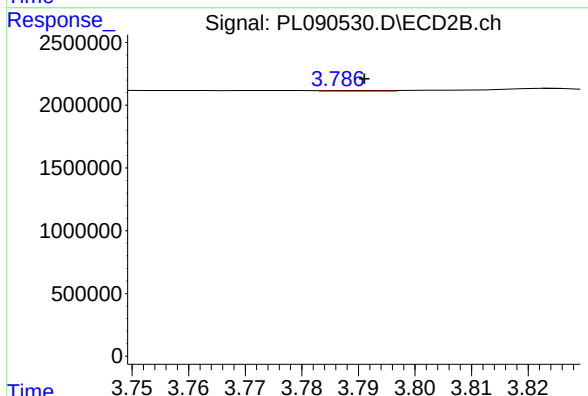
R.T.: 7.060 min
Delta R.T.: 0.018 min
Response: 115606
Conc: 0.08 ng/ml



#23 Chlordane-1

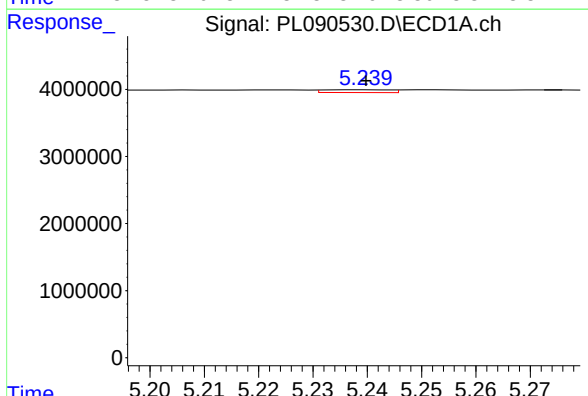
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



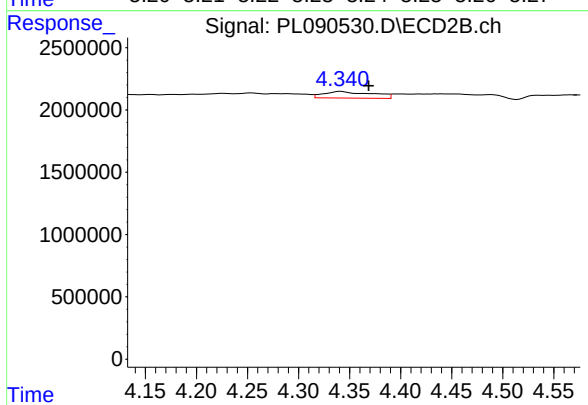
#23 Chlordane-1

R.T.: 3.789 min
Delta R.T.: -0.002 min
Response: 38190
Conc: 0.62 ng/ml



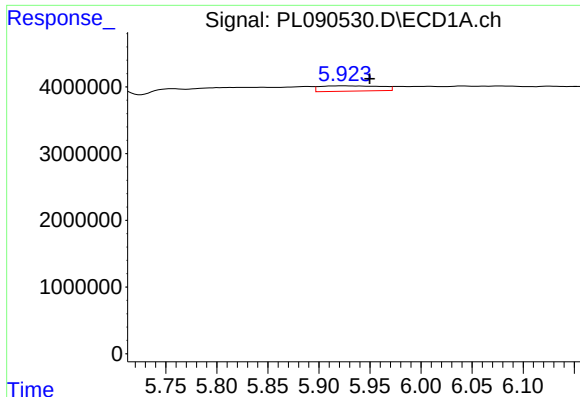
#24 Chlordane-2

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 362987
Conc: 3.55 ng/ml



#24 Chlordane-2

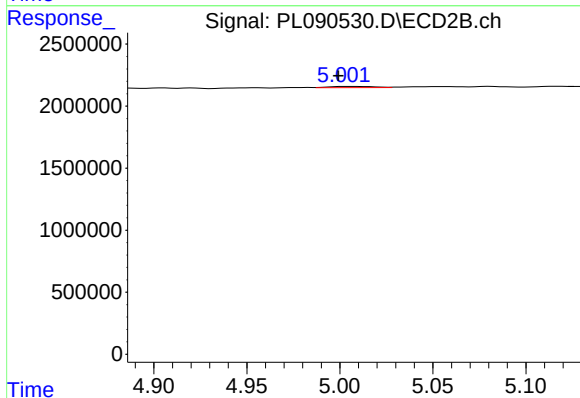
R.T.: 4.342 min
Delta R.T.: -0.027 min
Response: 1736465
Conc: 22.90 ng/ml



#25 Chlordane-3

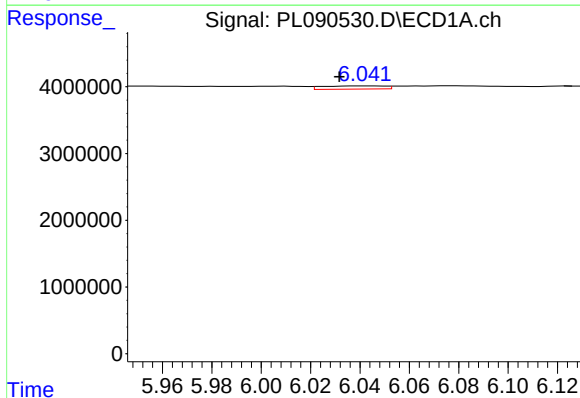
R.T.: 5.925 min
Delta R.T.: -0.025 min
Response: 3295025
Conc: 9.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



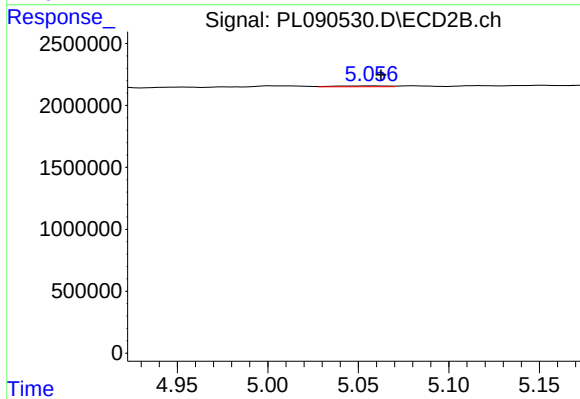
#25 Chlordane-3

R.T.: 5.003 min
Delta R.T.: 0.004 min
Response: 162746
Conc: 0.79 ng/ml



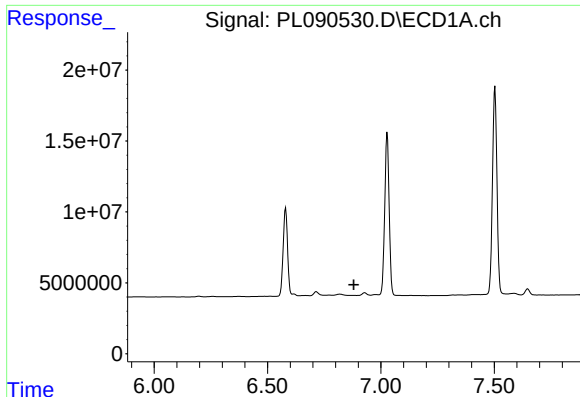
#26 Chlordane-4

R.T.: 6.041 min
Delta R.T.: 0.010 min
Response: 834103
Conc: 2.09 ng/ml



#26 Chlordane-4

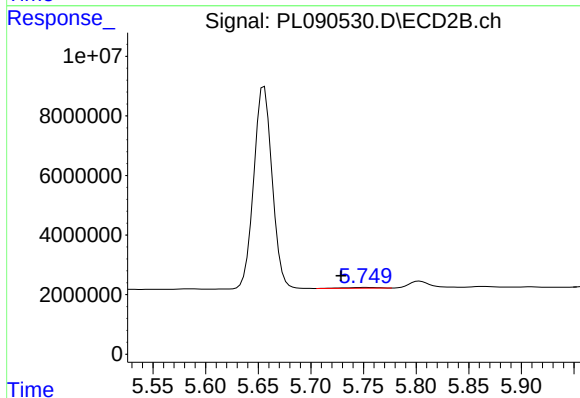
R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 142837
Conc: 0.73 ng/ml



#27 Chlordane-5

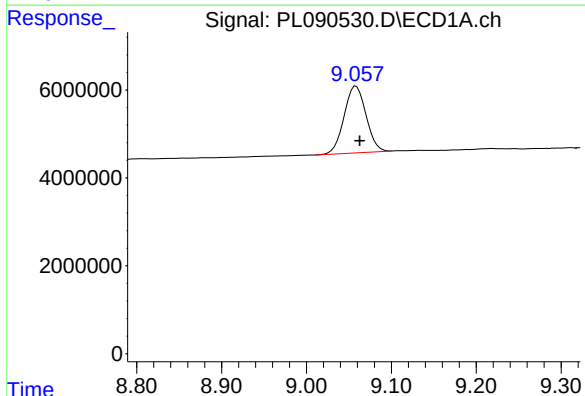
R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: -12294
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



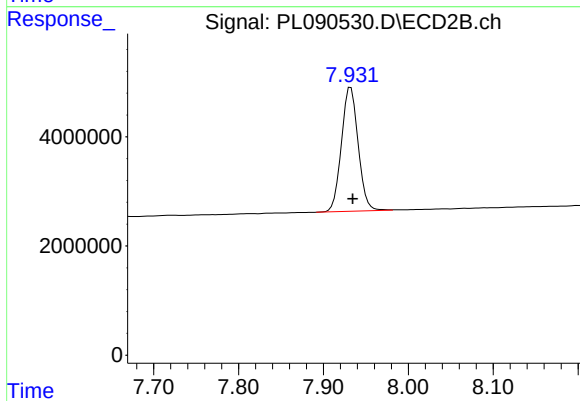
#27 Chlordane-5

R.T.: 5.752 min
Delta R.T.: 0.023 min
Response: 516060
Conc: 8.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.004 min
Response: 27254703
Conc: 20.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 31050670
Conc: 21.30 ng/ml