

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
 Data File : PL094540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 12:54
 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: Mar 07 23:54:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.772	60958494	75365243	24.008	23.617
28)	SA Decachlor...	9.056	7.907	47729030	80661760	22.437	20.975
Target Compounds							
2)	A alpha-BHC	3.994	3.274	46147037	54103711	12.200	11.008
3)	MA gamma-BHC...	4.327	3.604	44343596	50618826	12.002	10.747
5)	MB Aldrin	0.000	4.239f	0	1109089	N.D.	0.240 #
6)	B beta-BHC	4.526	3.904	19657224	25592807	12.310	12.868
7)	B delta-BHC	0.000	4.133	0	499645	N.D.	0.106 #
8)	B Heptachlo...	5.681	4.725	4432924	435567	1.471	0.102 #
10)	B gamma-Chl...	0.000	4.982	0	8904269	N.D.	2.052 #
11)	B alpha-Chl...	0.000	5.027	0	6431278	N.D.	1.490 #
12)	B 4,4'-DDE	0.000	5.226	0	13740179	N.D.	3.271 #
13)	MA Dieldrin	0.000	5.362	0	3541418	N.D.	0.808 #
14)	MA Endrin	6.574	5.634	136.5E6	207.2E6	53.494	60.860
15)	B Endosulfa...	0.000	5.942f	0	3362238	N.D.	0.899 #
16)	A 4,4'-DDD	6.710	5.782	10513477	14082976	5.684	4.421
17)	MA 4,4'-DDT	7.024	6.032	213.8E6	407.9E6	101.790	114.667
18)	B Endrin al...	6.924	6.108	4575272	8024781	2.350	2.539
19)	B Endosulfa...	0.000	6.323	0	3223036	N.D.	0.873 #
20)	A Methoxychlor	7.501	6.607	266.1E6	496.1E6	239.499	254.266
21)	B Endrin ke...	7.643	6.836	9048771	14114100	3.610	3.307
22)	Mirex	0.000	7.027	0	605523	N.D.	0.174 #
23)	Chlordane-1	0.000	3.768	0	88539	N.D.	0.652 #
24)	Chlordane-2	0.000	4.353	0	8098530	N.D.	51.362 #
25)	Chlordane-3	0.000	4.982	0	8904269	N.D.	18.743 #
26)	Chlordane-4	0.000	5.027	0	6431278	N.D.	13.682 #
27)	Chlordane-5	0.000	5.942	0	3362238	N.D.	20.536 #

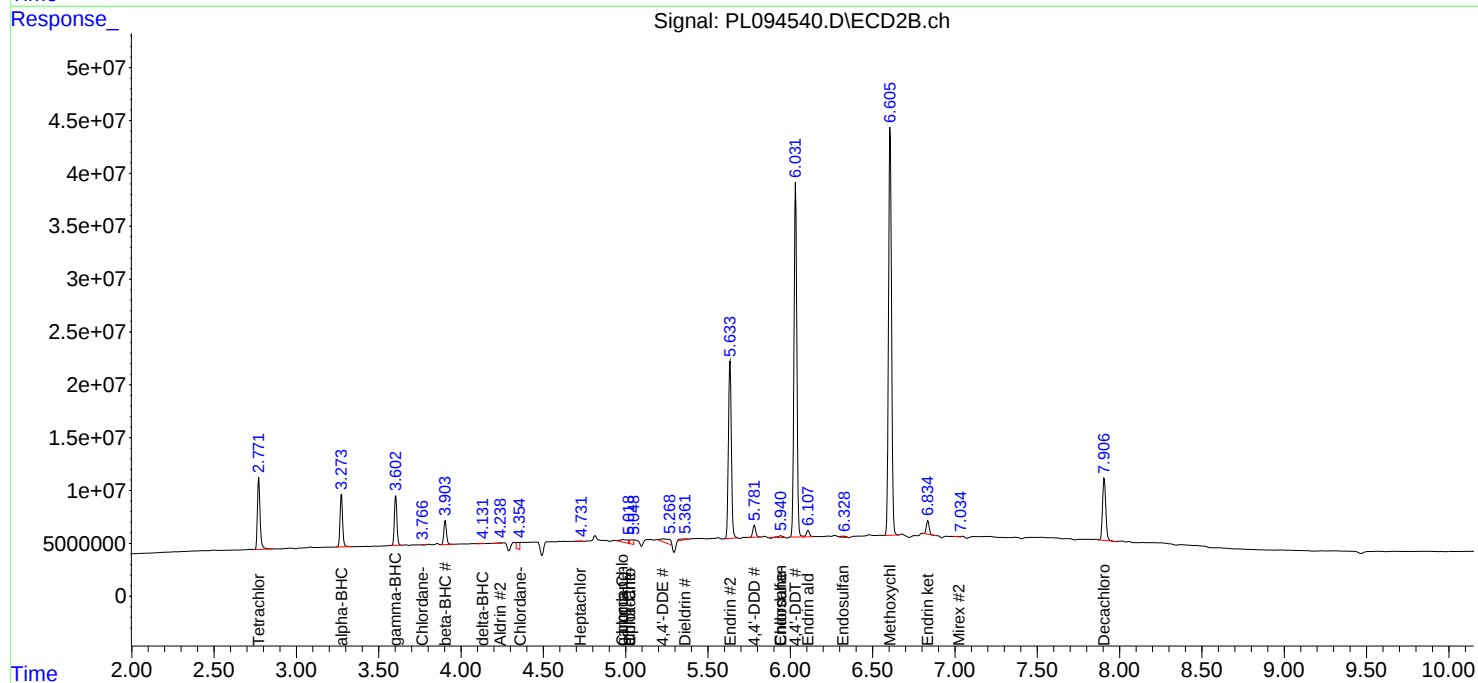
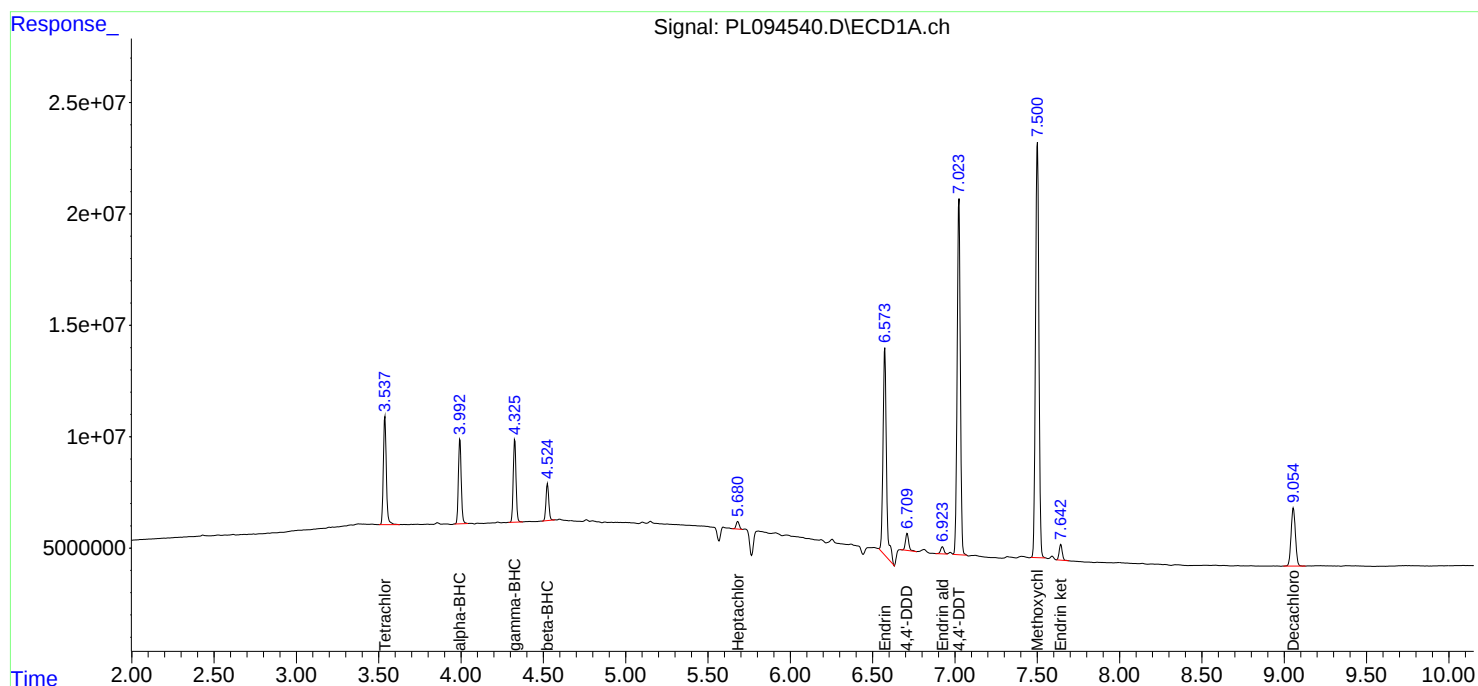
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

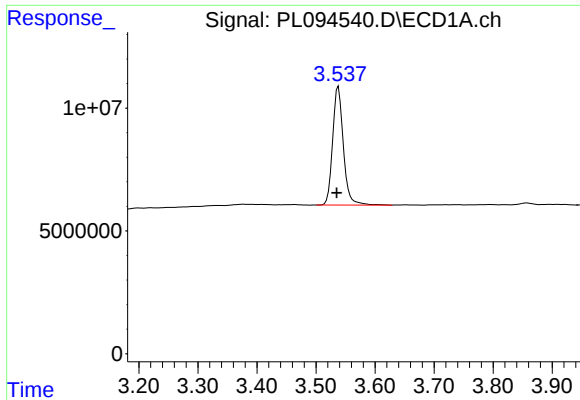
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
Data File : PL094540.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 23:54:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

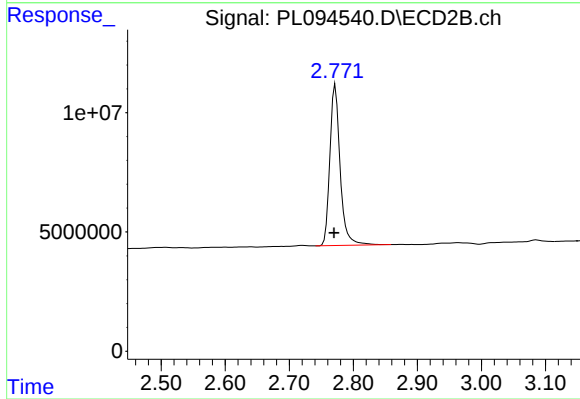




#1 Tetrachloro-m-xylene

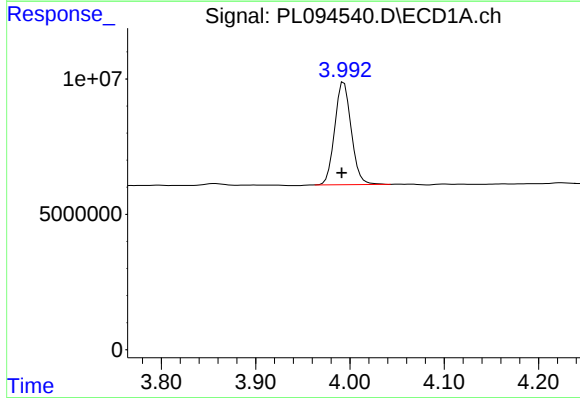
R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 60958494
Conc: 24.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



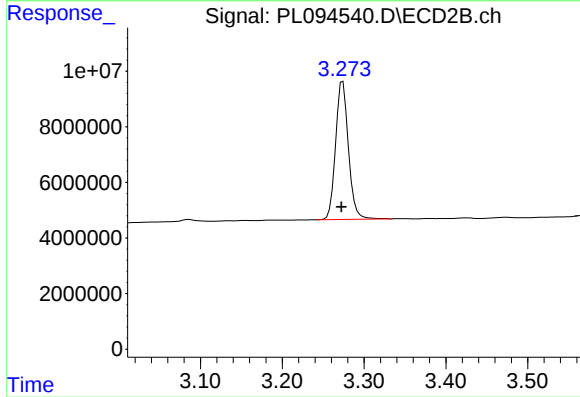
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 75365243
Conc: 23.62 ng/ml



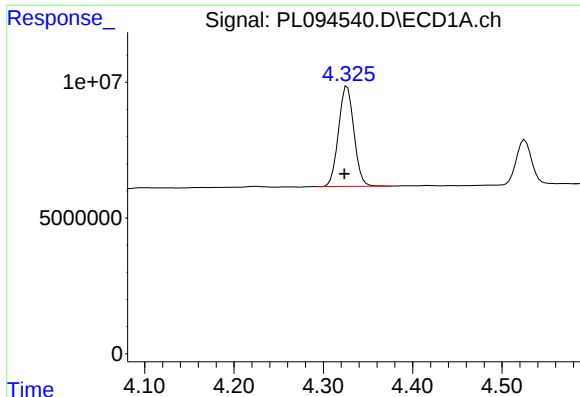
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 46147037
Conc: 12.20 ng/ml



#2 alpha-BHC

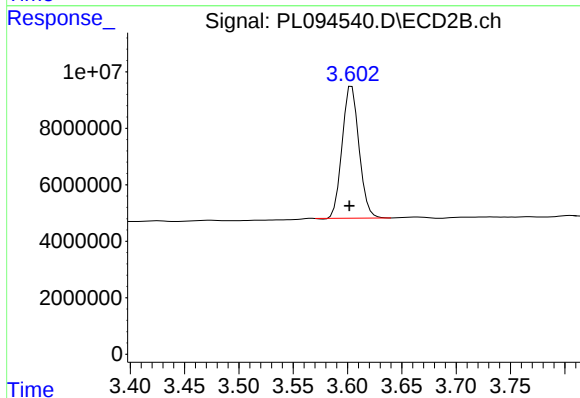
R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 54103711
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

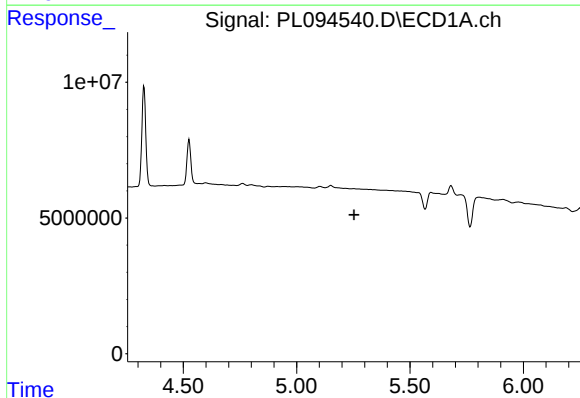
R.T.: 4.327 min
Delta R.T.: 0.003 min
Response: 44343596
Conc: 12.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



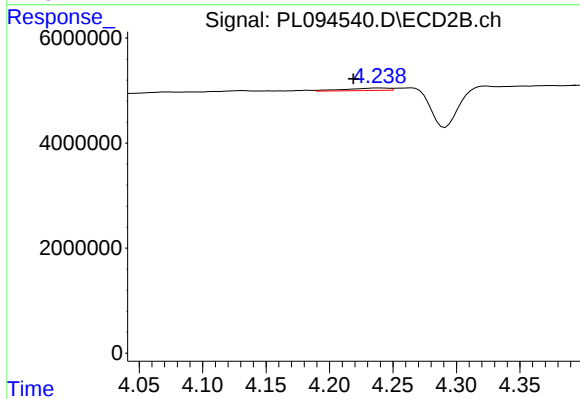
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 50618826
Conc: 10.75 ng/ml



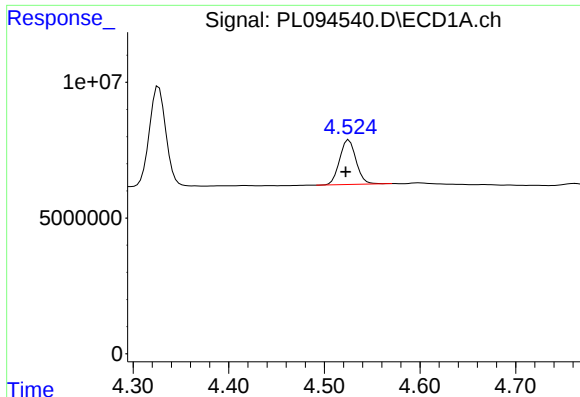
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.253 min
Response: 0
Conc: N.D.



#5 Aldrin

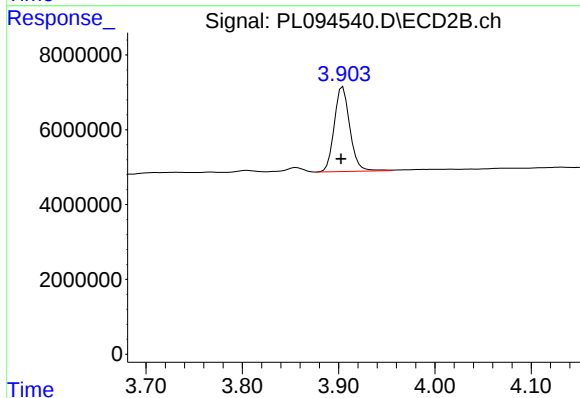
R.T.: 4.239 min
Delta R.T.: 0.020 min
Response: 1109089
Conc: 0.24 ng/ml



#6 beta-BHC

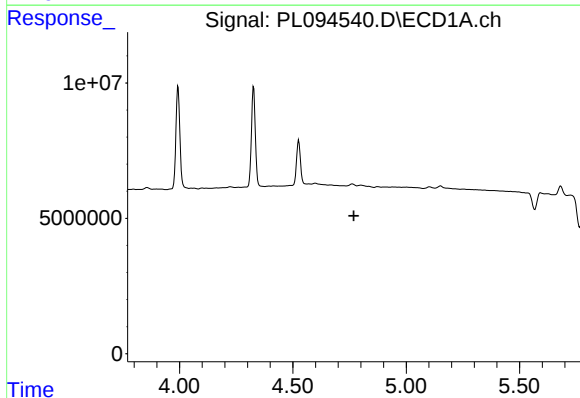
R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 19657224
Conc: 12.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



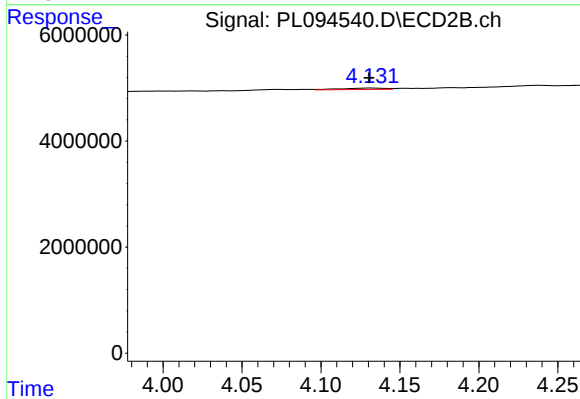
#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 25592807
Conc: 12.87 ng/ml



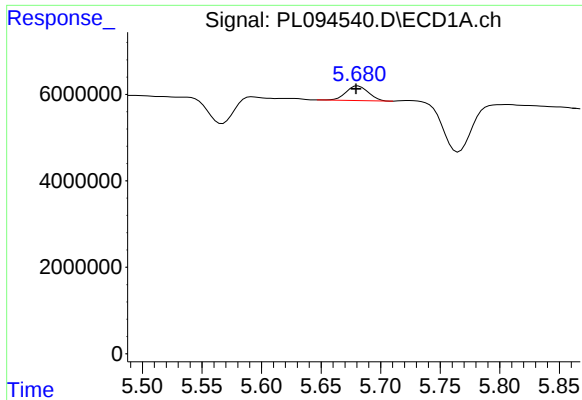
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.769 min
Response: 0
Conc: N.D.



#7 delta-BHC

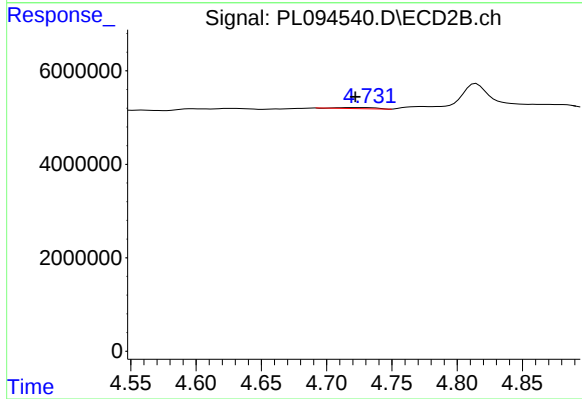
R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 499645
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

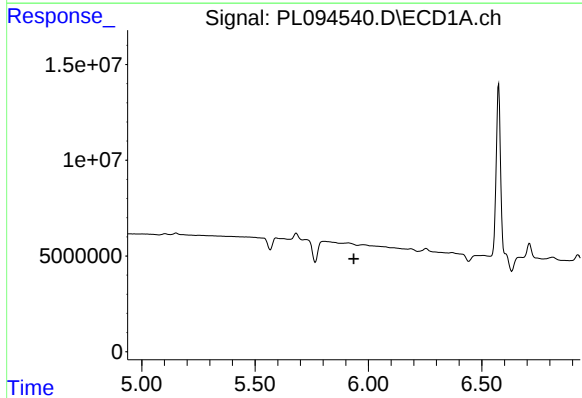
R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 4432924
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



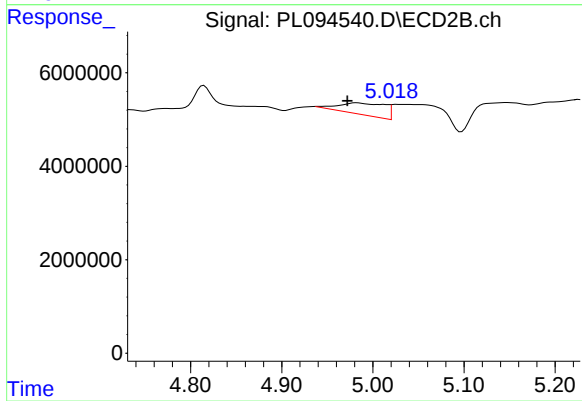
#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 435567
Conc: 0.10 ng/ml



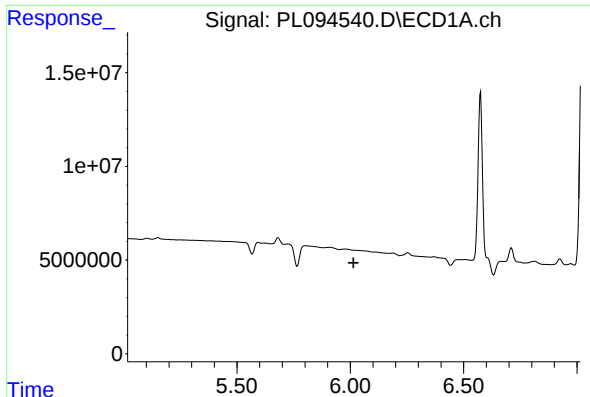
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

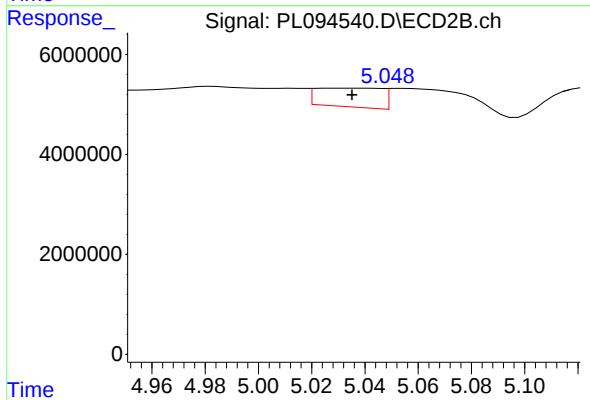
R.T.: 4.982 min
Delta R.T.: 0.010 min
Response: 8904269
Conc: 2.05 ng/ml



#11 alpha-Chlordane

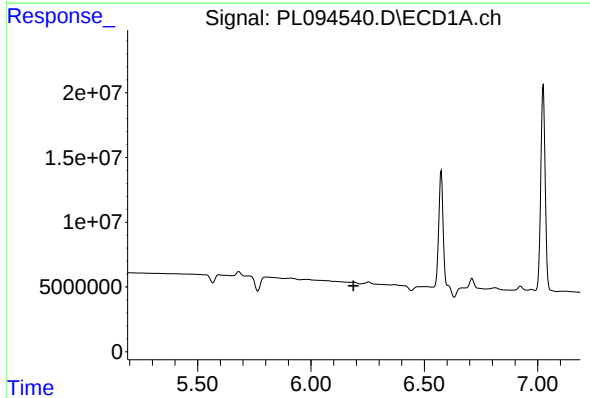
R.T.: 0.000 min
Exp R.T.: 6.015 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



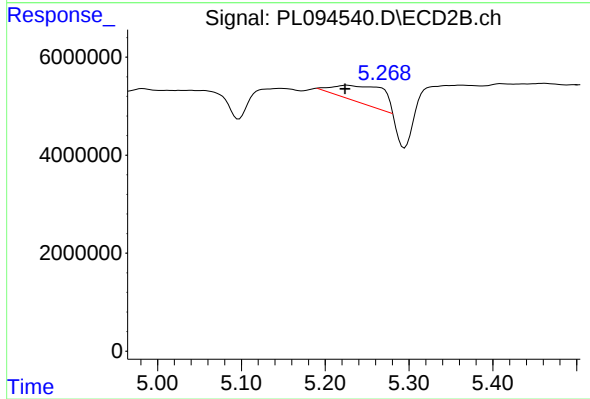
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: -0.009 min
Response: 6431278
Conc: 1.49 ng/ml



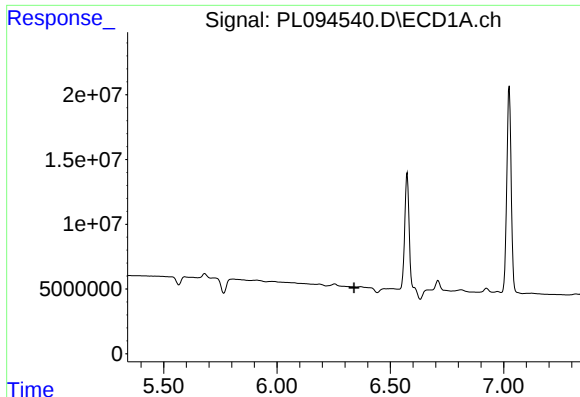
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.188 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

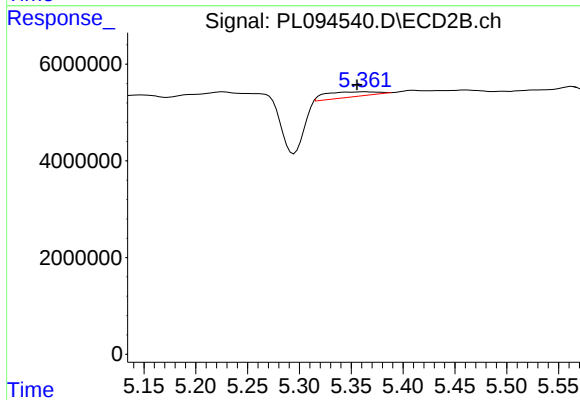
R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 13740179
Conc: 3.27 ng/ml



#13 Dieldrin

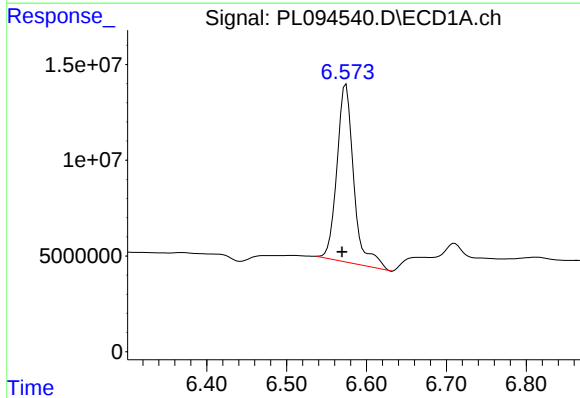
R.T.: 0.000 min
Exp R.T.: 6.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



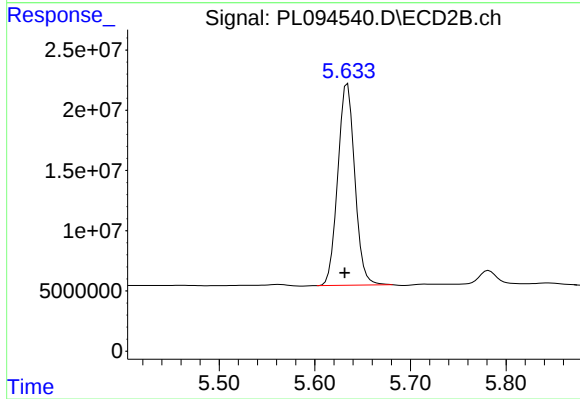
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.007 min
Response: 3541418
Conc: 0.81 ng/ml



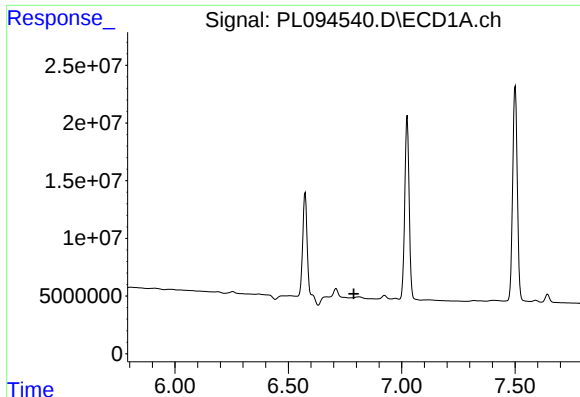
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.005 min
Response: 136531061
Conc: 53.49 ng/ml



#14 Endrin

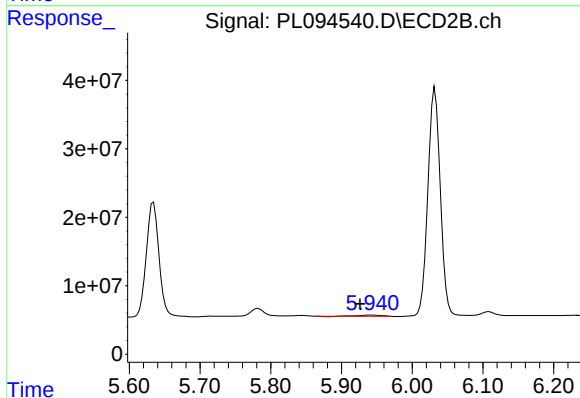
R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 207212050
Conc: 60.86 ng/ml



#15 Endosulfan II

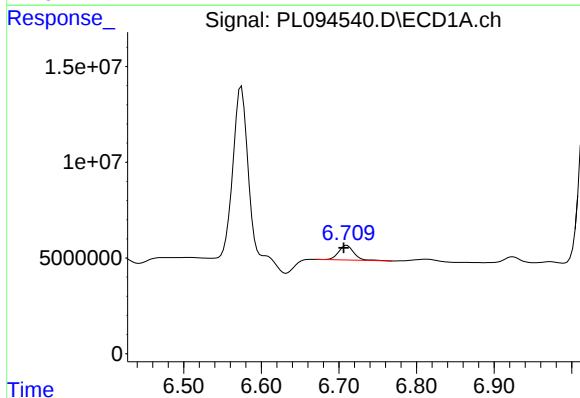
R.T.: 0.000 min
Exp R.T.: 6.790 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



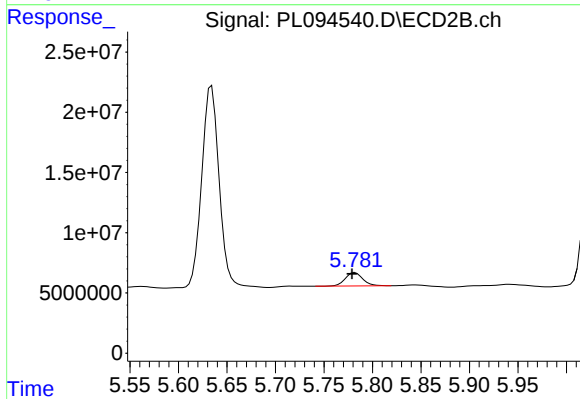
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.015 min
Response: 3362238
Conc: 0.90 ng/ml



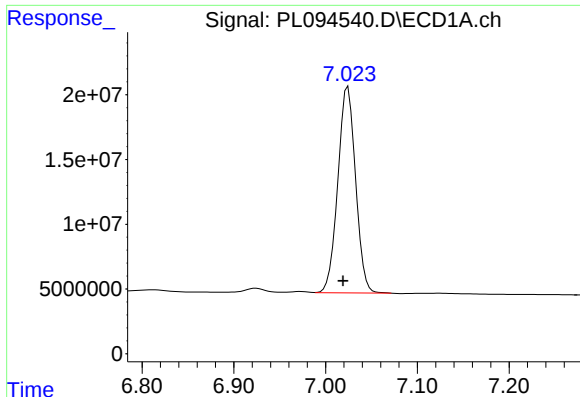
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 10513477
Conc: 5.68 ng/ml



#16 4,4'-DDD

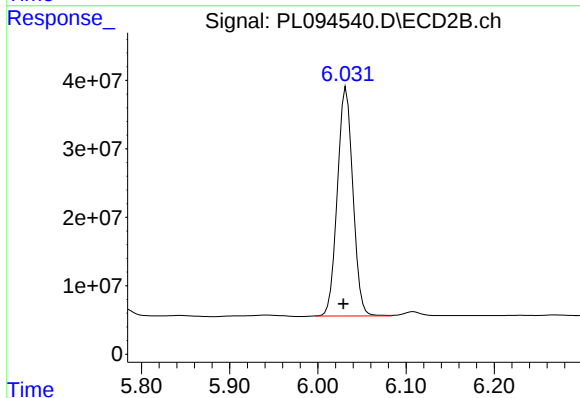
R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 14082976
Conc: 4.42 ng/ml



#17 4,4'-DDT

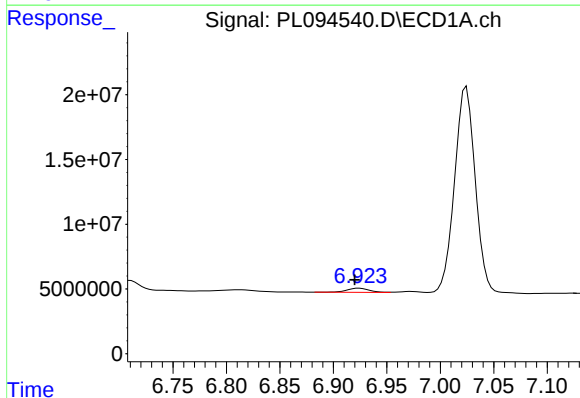
R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 213760913
Conc: 101.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



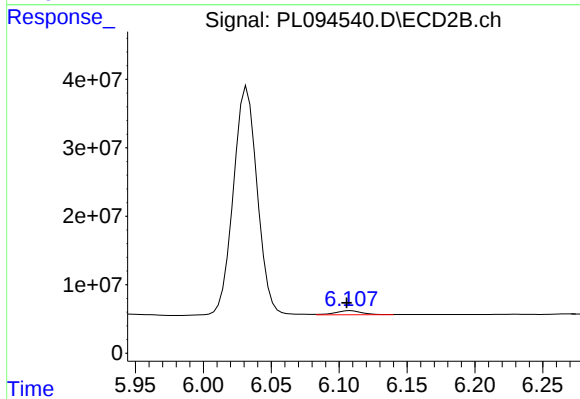
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 407871469
Conc: 114.67 ng/ml



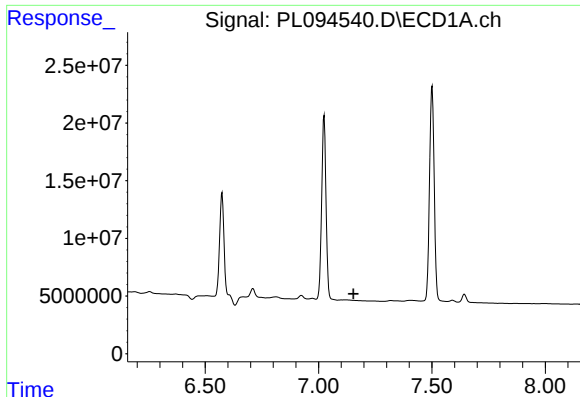
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 4575272
Conc: 2.35 ng/ml



#18 Endrin aldehyde

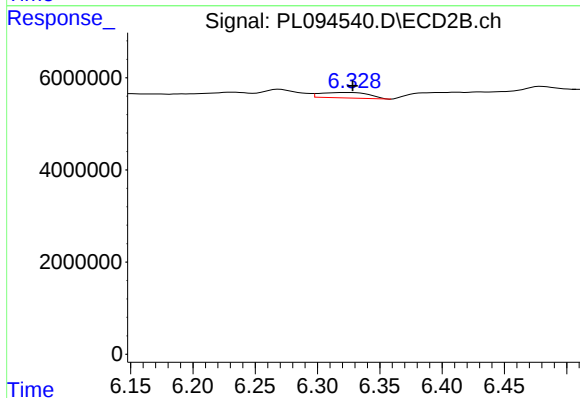
R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 8024781
Conc: 2.54 ng/ml



#19 Endosulfan Sulfate

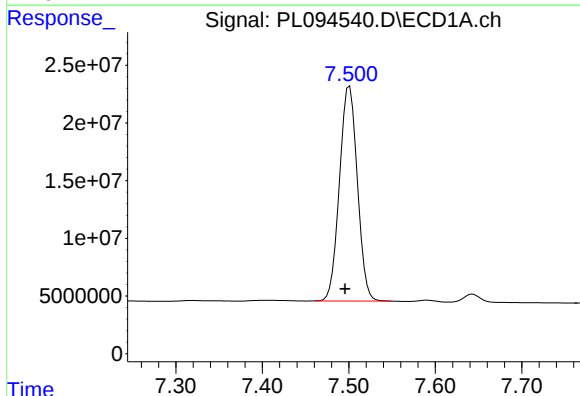
R.T.: 0.000 min
Exp R.T.: 7.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



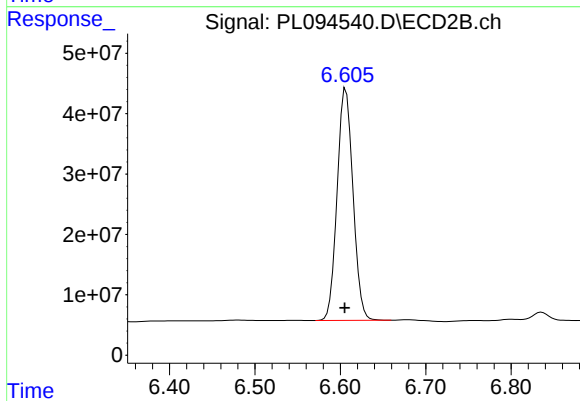
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.006 min
Response: 3223036
Conc: 0.87 ng/ml



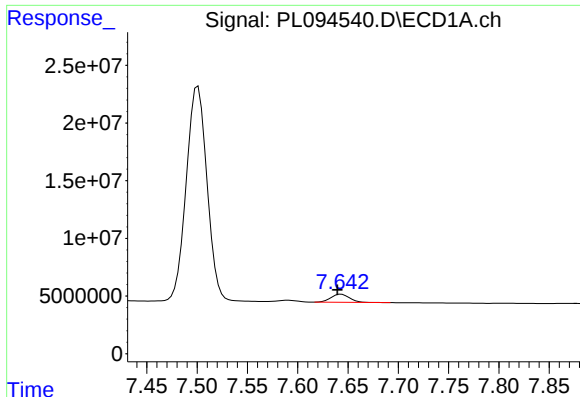
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.005 min
Response: 266092891
Conc: 239.50 ng/ml



#20 Methoxychlor

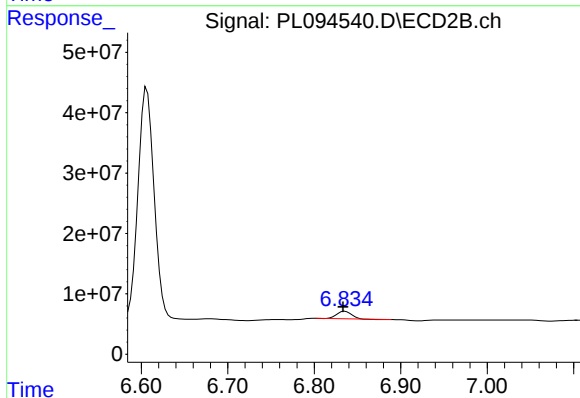
R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 496079217
Conc: 254.27 ng/ml



#21 Endrin ketone

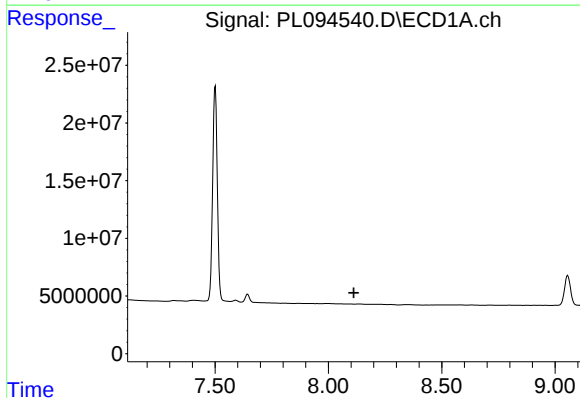
R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 9048771
Conc: 3.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



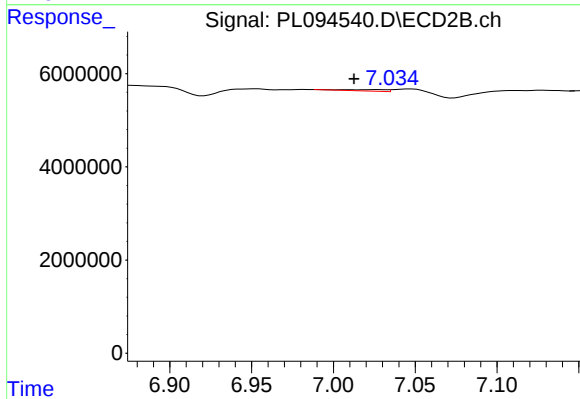
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 14114100
Conc: 3.31 ng/ml



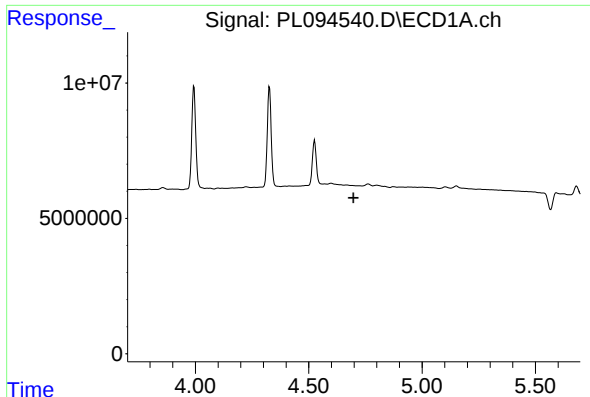
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.



#22 Mirex

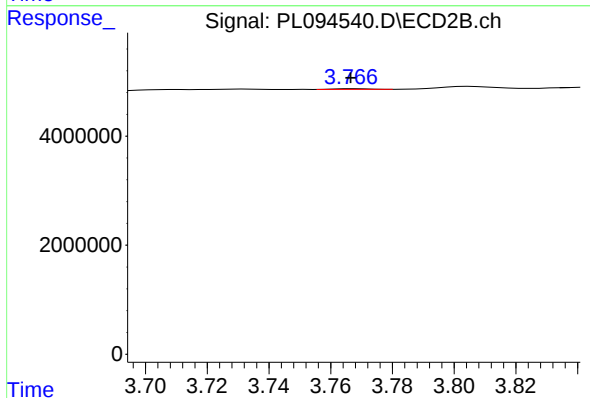
R.T.: 7.027 min
Delta R.T.: 0.015 min
Response: 605523
Conc: 0.17 ng/ml



#23 Chlordane-1

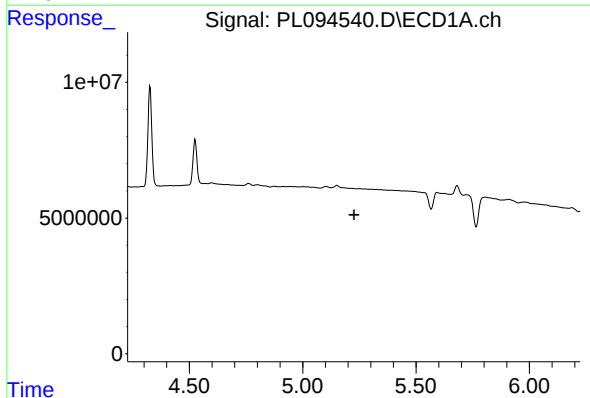
R.T.: 0.000 min
Exp R.T.: 4.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



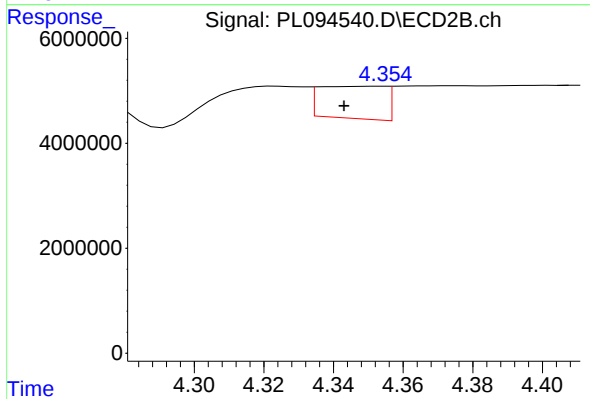
#23 Chlordane-1

R.T.: 3.768 min
Delta R.T.: 0.001 min
Response: 88539
Conc: 0.65 ng/ml



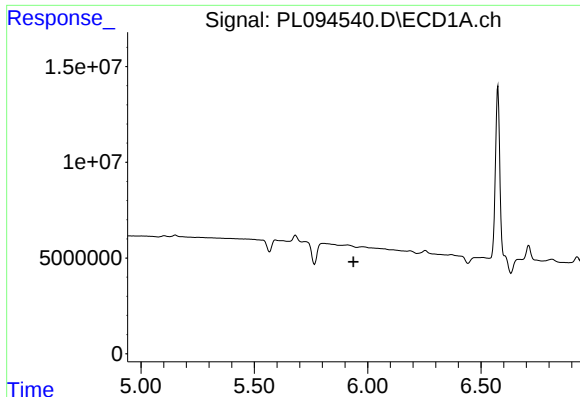
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.227 min
Response: 0
Conc: N.D.



#24 Chlordane-2

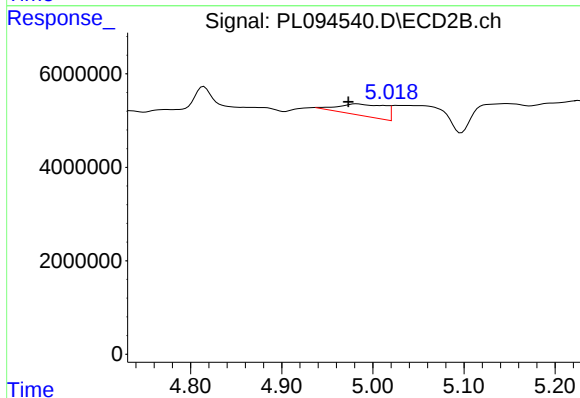
R.T.: 4.353 min
Delta R.T.: 0.010 min
Response: 8098530
Conc: 51.36 ng/ml



#25 Chlordane-3

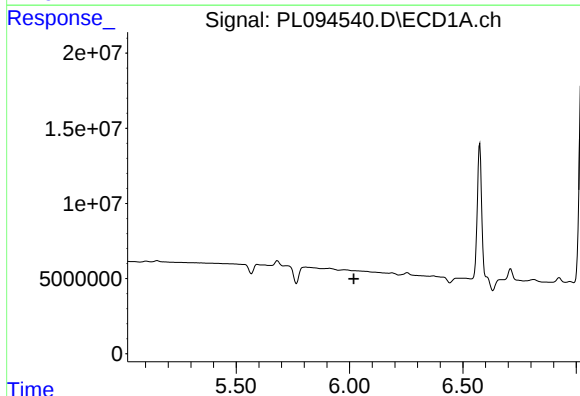
R.T.: 0.000 min
Exp R.T.: 5.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



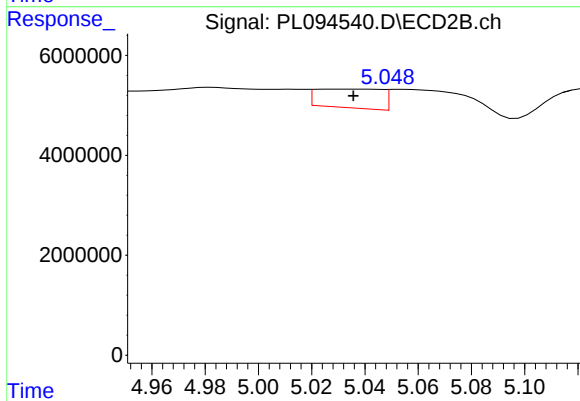
#25 Chlordane-3

R.T.: 4.982 min
Delta R.T.: 0.009 min
Response: 8904269
Conc: 18.74 ng/ml



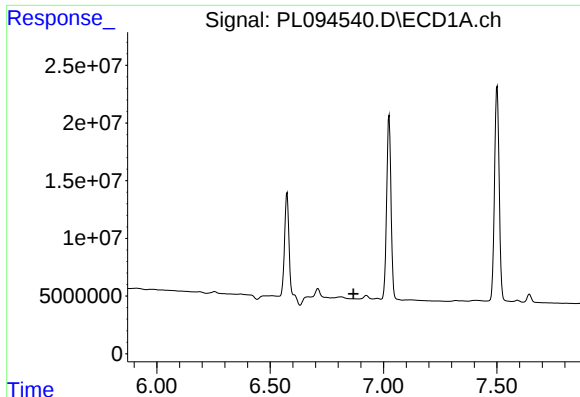
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.019 min
Response: 0
Conc: N.D.



#26 Chlordane-4

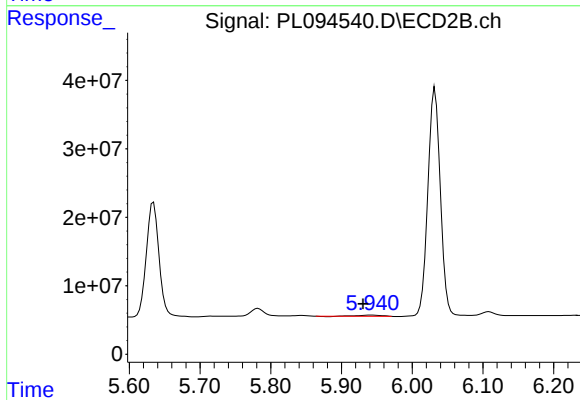
R.T.: 5.027 min
Delta R.T.: -0.009 min
Response: 6431278
Conc: 13.68 ng/ml



#27 Chlordane-5

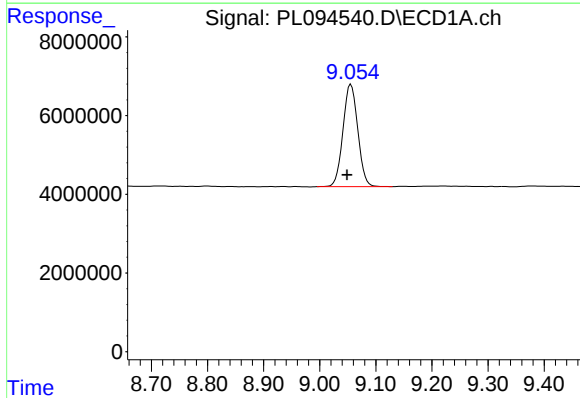
R.T.: 0.000 min
Exp R.T.: 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



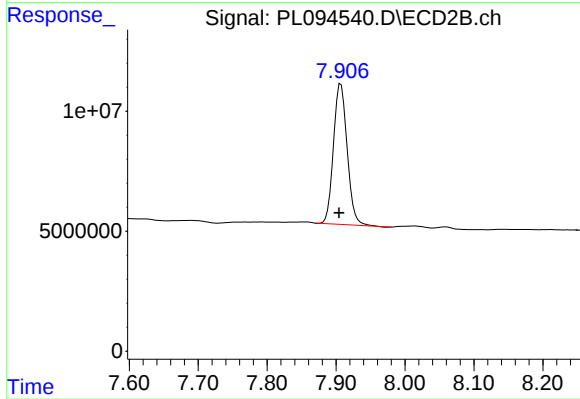
#27 Chlordane-5

R.T.: 5.942 min
Delta R.T.: 0.011 min
Response: 3362238
Conc: 20.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.007 min
Response: 47729030
Conc: 22.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 80661760
Conc: 20.97 ng/ml