

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2025 20:57
 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: Feb 20 01:18:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.537	2.772	54299102	66826345	20.165	20.473
28)	SA Decachlor...	9.048	7.905	44464533	72770044	21.255	20.767
Target Compounds							
2)	A alpha-BHC	3.992	3.273	40558871	48435103	10.579	9.907
3)	MA gamma-BHC...	4.325	3.603	38535752	45592917	10.464	9.616
4)	MA Heptachlor	0.000	3.974f	0	120524	N.D.	0.026 #
5)	MB Aldrin	0.000	4.235	0	209903	N.D.	0.046 #
6)	B beta-BHC	4.523	3.904	18099612	22340519	11.261	11.185
7)	B delta-BHC	0.000	4.137	0	200856	N.D.	0.042 #
8)	B Heptachlo...	0.000	4.736	0	28305	N.D.	0.007 #
9)	A Endosulfan I	0.000	5.085	0	27115	N.D.	0.007 #
10)	B gamma-Chl...	0.000	4.985	0	1026366	N.D.	0.242 #
11)	B alpha-Chl...	0.000	5.044	0	132541	N.D.	0.032 #
12)	B 4,4'-DDE	0.000	5.228	0	483896	N.D.	0.121 #
13)	MA Dieldrin	0.000	5.368	0	217791	N.D.	0.051 #
14)	MA Endrin	6.570	5.632	106.7E6	179.0E6	45.490	48.479
15)	B Endosulfa...	0.000	5.940	0	970882	N.D.	0.262 #
16)	A 4,4'-DDD	6.707	5.780	5597669	8407604	2.945	2.664
17)	MA 4,4'-DDT	7.021	6.030	190.8E6	364.4E6	96.731	111.976
18)	B Endrin al...	6.920	6.106	4012740	7168624	2.064	2.355
19)	B Endosulfa...	0.000	6.314f	0	265208	N.D.	0.074 #
20)	A Methoxychlor	7.497	6.605	239.6E6	452.3E6	229.639	252.950
21)	B Endrin ke...	7.639	6.833	8285266	14407255	3.284	3.434
22)	Mirex	0.000	6.998f	0	159393	N.D.	0.047 #
23)	Chlordane-1	0.000	3.757	0	104638	N.D.	0.838 #
24)	Chlordane-2	0.000	4.352	0	128400	N.D.	0.875 #
25)	Chlordane-3	0.000	4.985	0	1026366	N.D.	2.360 #
26)	Chlordane-4	0.000	5.044	0	132541	N.D.	0.313 #
27)	Chlordane-5	0.000	5.940	0	970882	N.D.	6.339 #

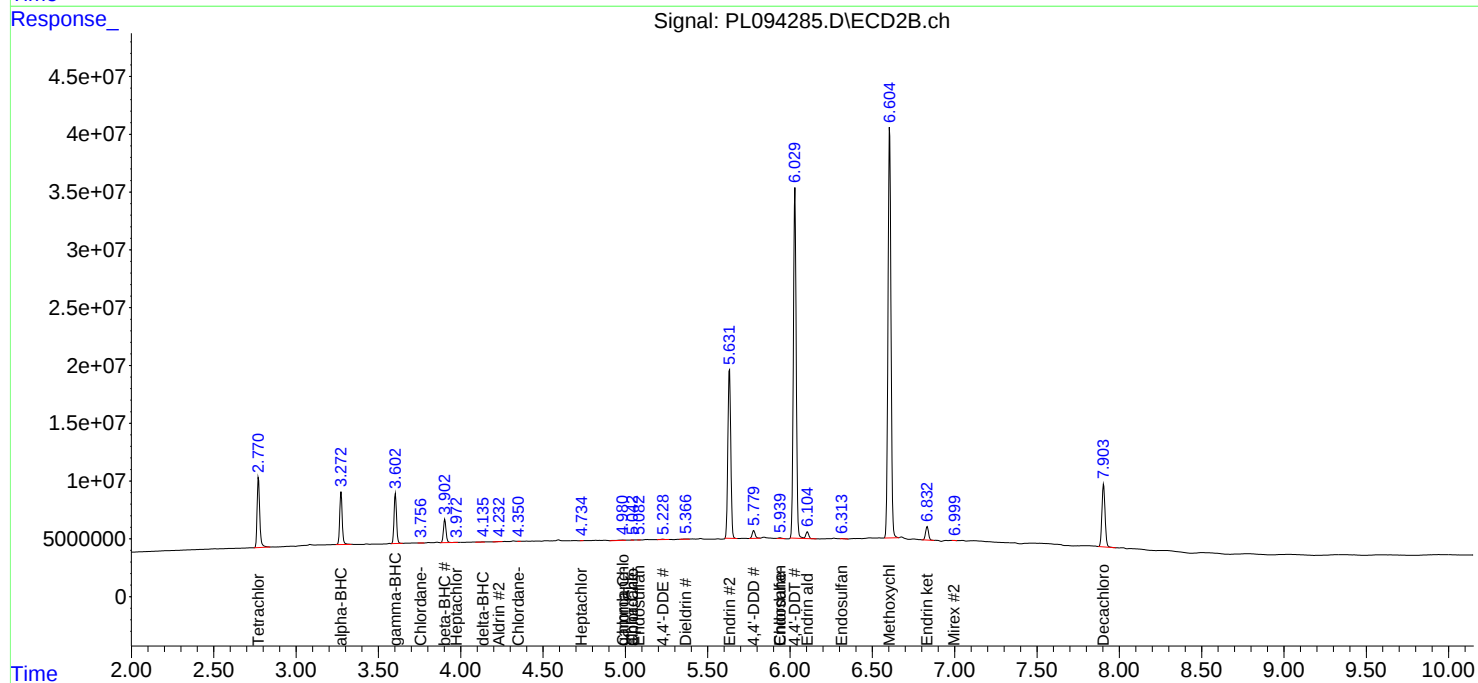
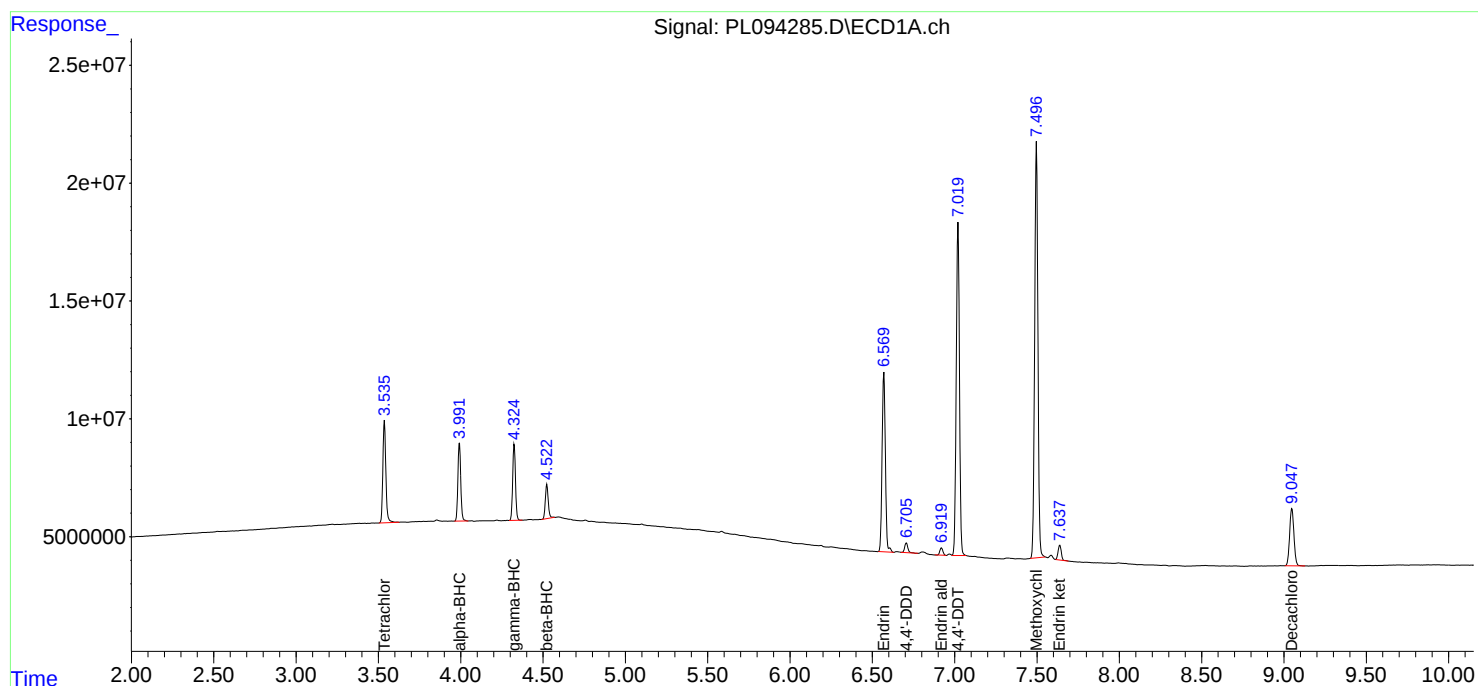
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

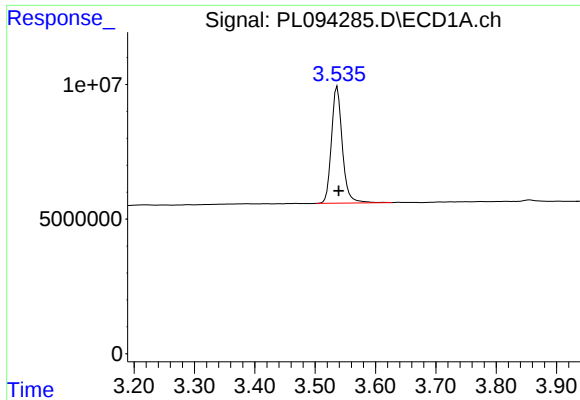
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:18:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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

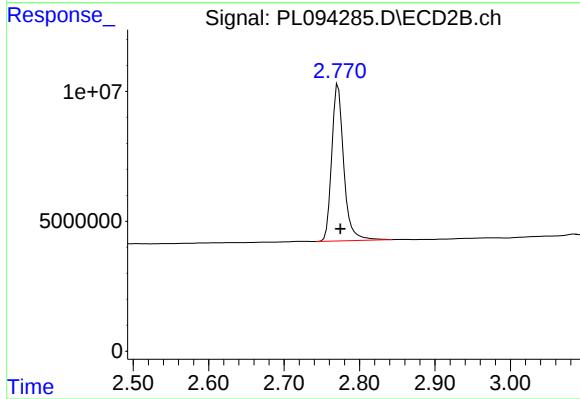




#1 Tetrachloro-m-xylene

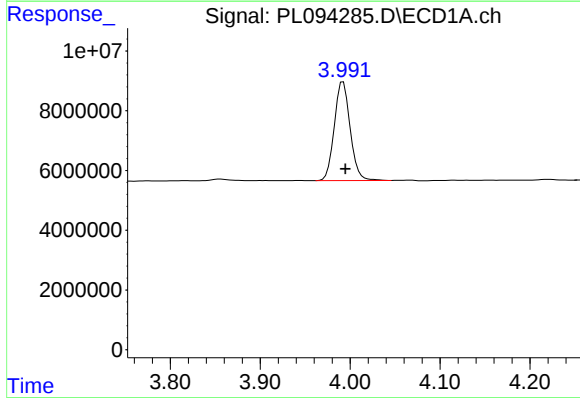
R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 54299102
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



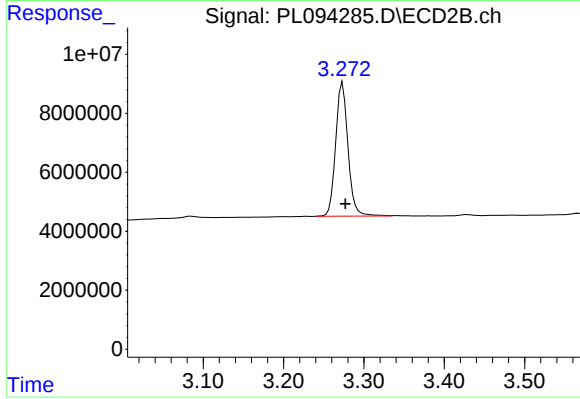
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 66826345
Conc: 20.47 ng/ml



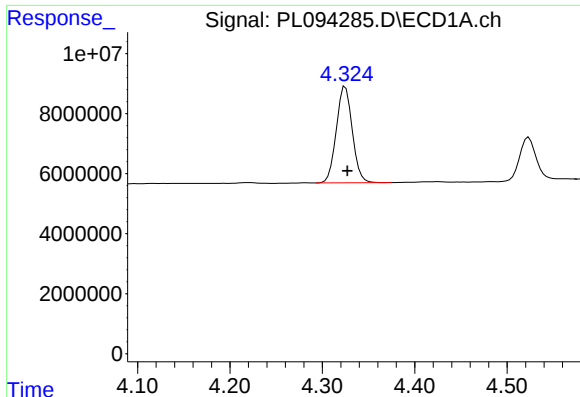
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 40558871
Conc: 10.58 ng/ml



#2 alpha-BHC

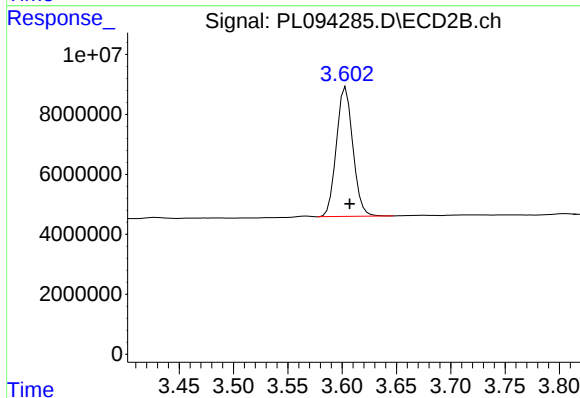
R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 48435103
Conc: 9.91 ng/ml



#3 gamma-BHC (Lindane)

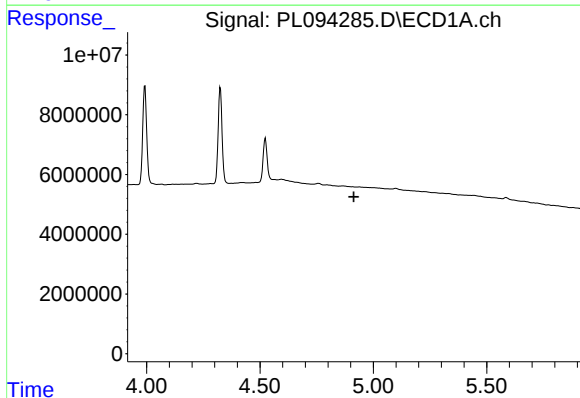
R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 38535752
Conc: 10.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



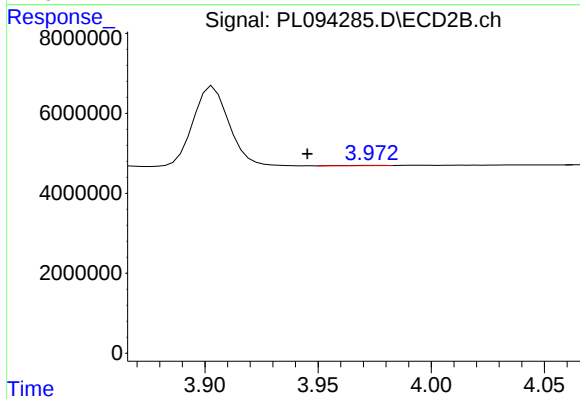
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.004 min
Response: 45592917
Conc: 9.62 ng/ml



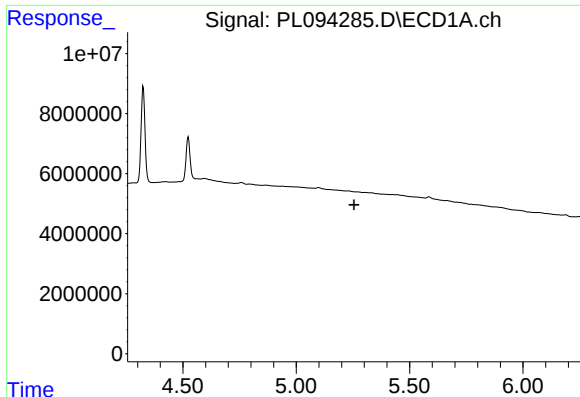
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



#4 Heptachlor

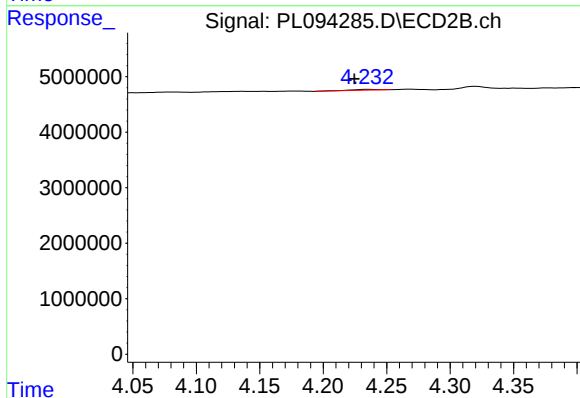
R.T.: 3.974 min
Delta R.T.: 0.029 min
Response: 120524
Conc: 0.03 ng/ml



#5 Aldrin

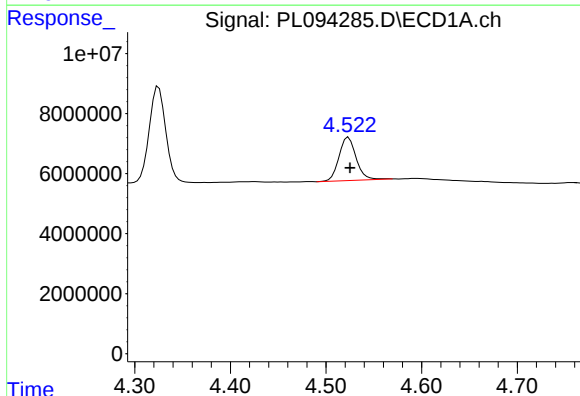
R.T.: 0.000 min
Exp R.T.: 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



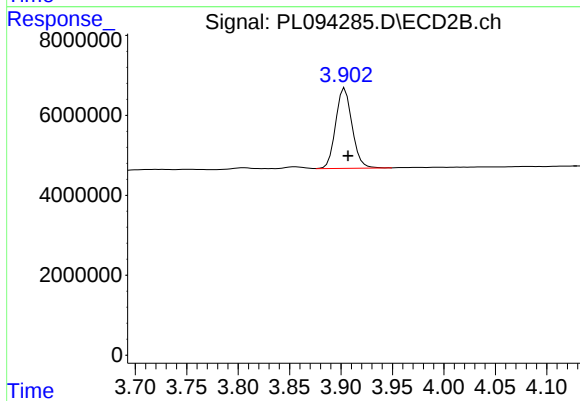
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.011 min
Response: 209903
Conc: 0.05 ng/ml



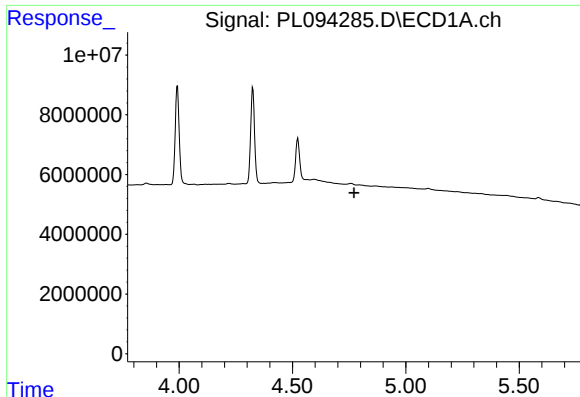
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 18099612
Conc: 11.26 ng/ml



#6 beta-BHC

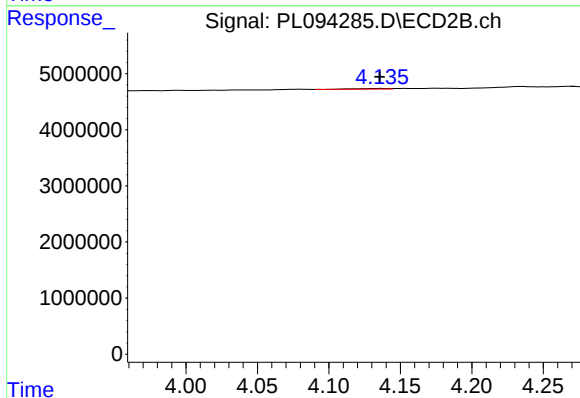
R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 22340519
Conc: 11.18 ng/ml



#7 delta-BHC

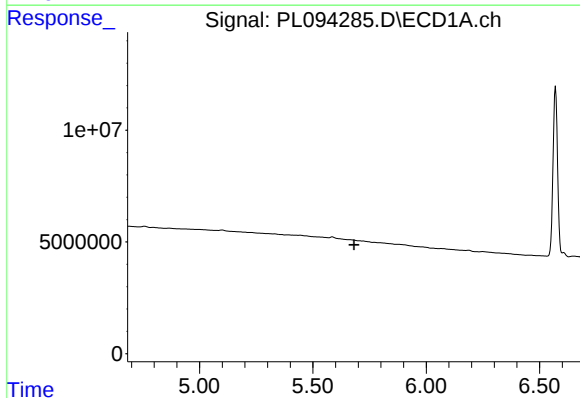
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



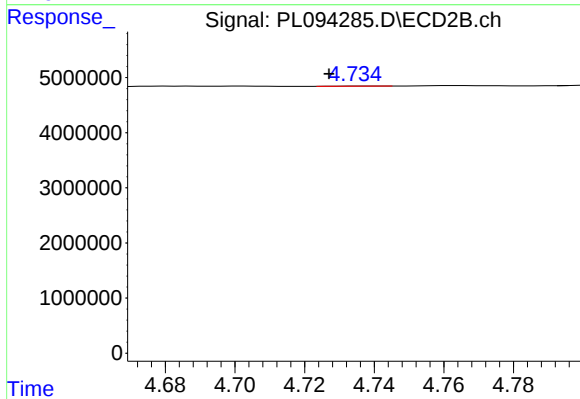
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 200856
Conc: 0.04 ng/ml



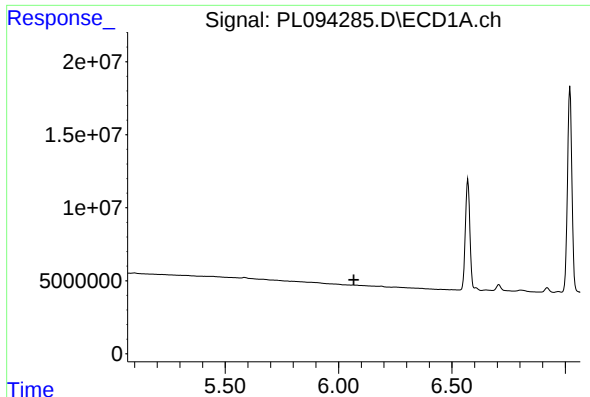
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.682 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

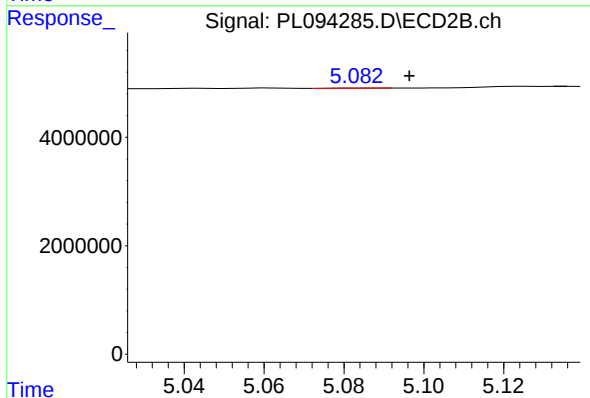
R.T.: 4.736 min
Delta R.T.: 0.009 min
Response: 28305
Conc: 0.01 ng/ml



#9 Endosulfan I

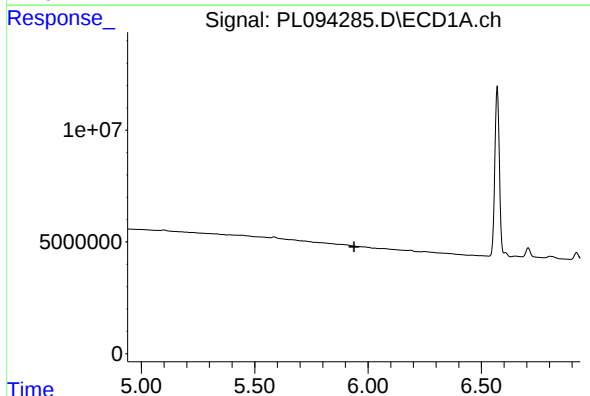
R.T.: 0.000 min
Exp R.T.: 6.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



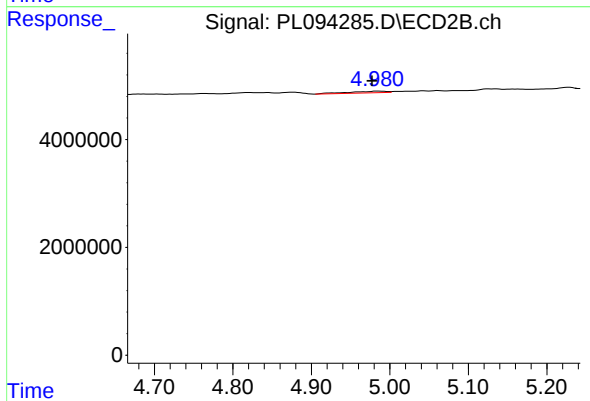
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.012 min
Response: 27115
Conc: 0.01 ng/ml



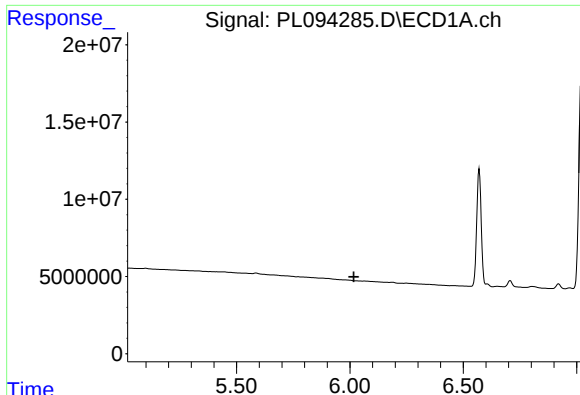
#10 gamma-Chlordane

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



#10 gamma-Chlordane

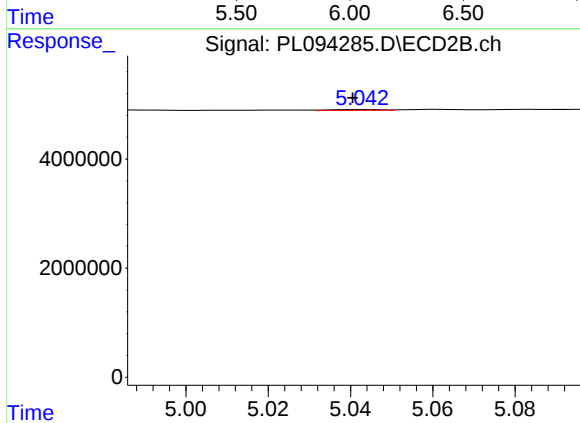
R.T.: 4.985 min
Delta R.T.: 0.008 min
Response: 1026366
Conc: 0.24 ng/ml



#11 alpha-Chlordane

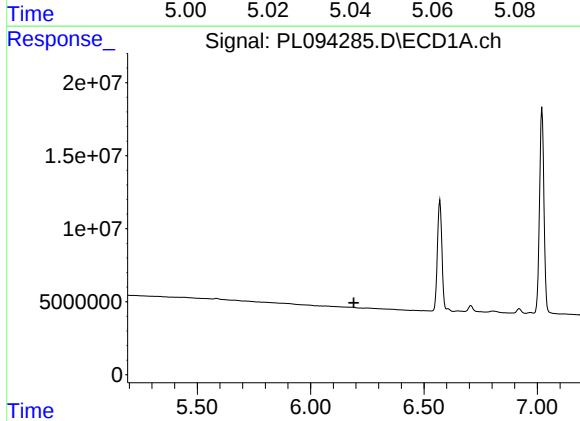
R.T.: 0.000 min
Exp R.T.: 6.017 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



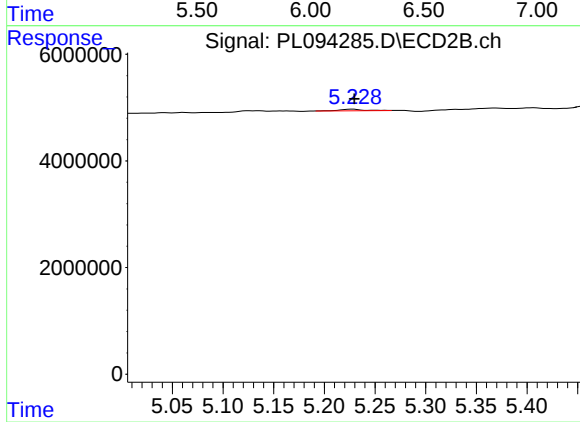
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.003 min
Response: 132541
Conc: 0.03 ng/ml



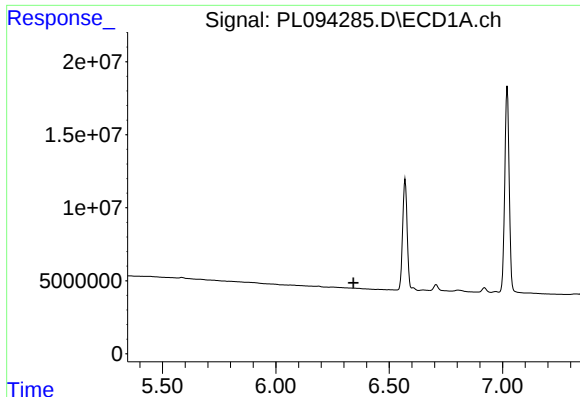
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.191 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

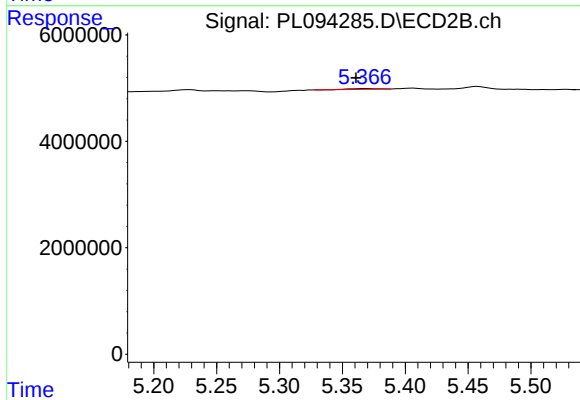
R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 483896
Conc: 0.12 ng/ml



#13 Dieldrin

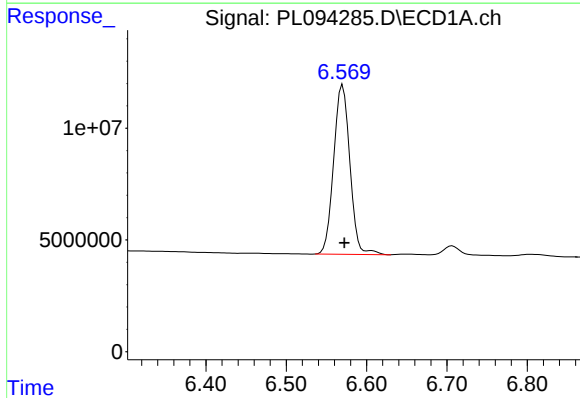
R.T.: 0.000 min
Exp R.T.: 6.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



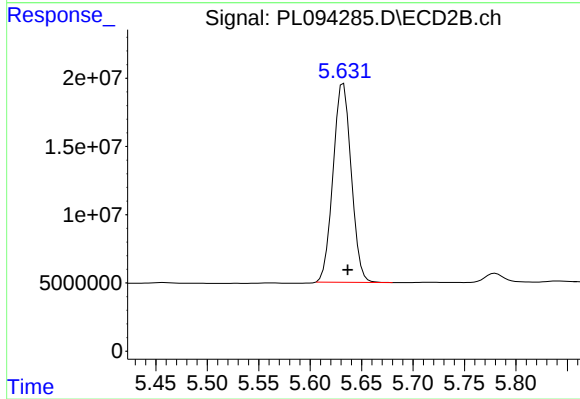
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.008 min
Response: 217791
Conc: 0.05 ng/ml



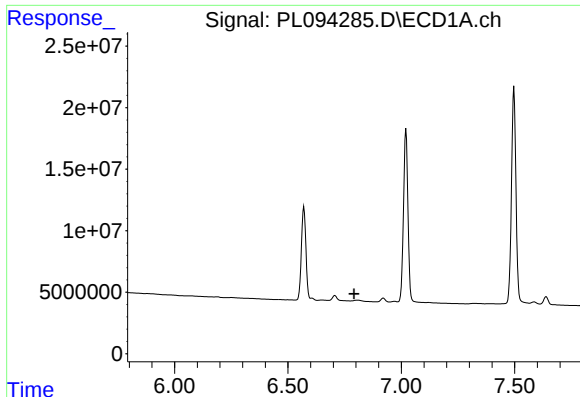
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 106666473
Conc: 45.49 ng/ml



#14 Endrin

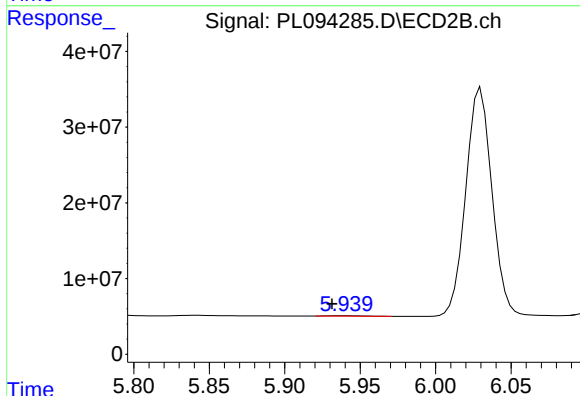
R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 179019042
Conc: 48.48 ng/ml



#15 Endosulfan II

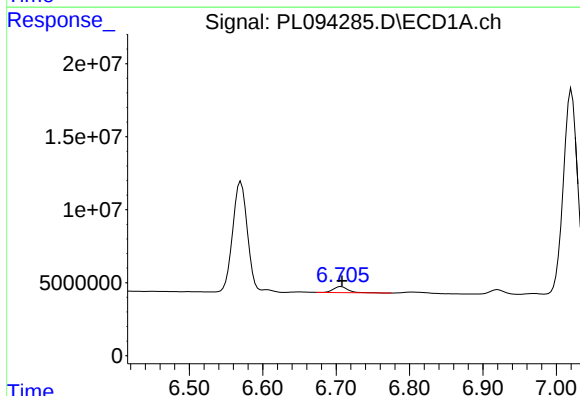
R.T.: 0.000 min
Exp R.T.: 6.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



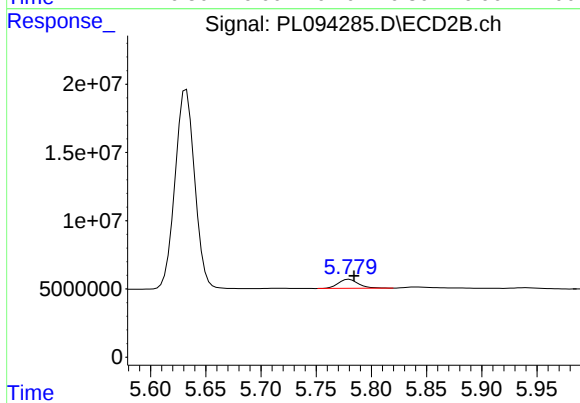
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: 0.009 min
Response: 970882
Conc: 0.26 ng/ml



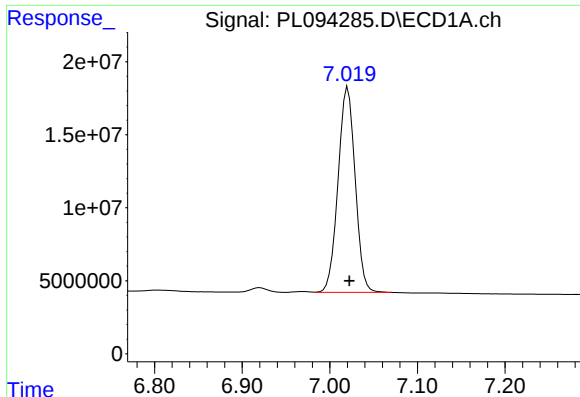
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.001 min
Response: 5597669
Conc: 2.95 ng/ml



#16 4,4'-DDD

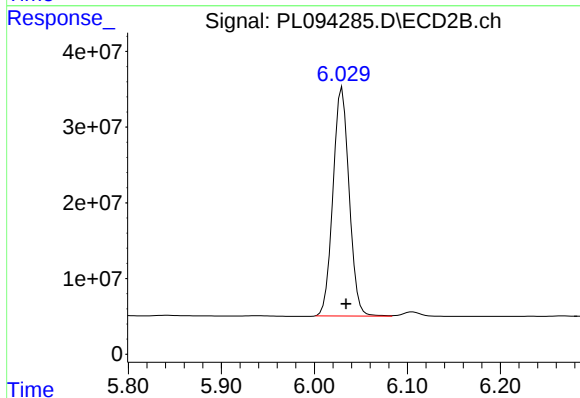
R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 8407604
Conc: 2.66 ng/ml



#17 4,4'-DDT

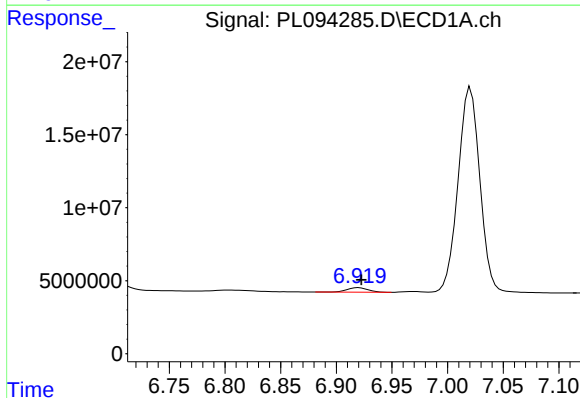
R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 190759011
Conc: 96.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



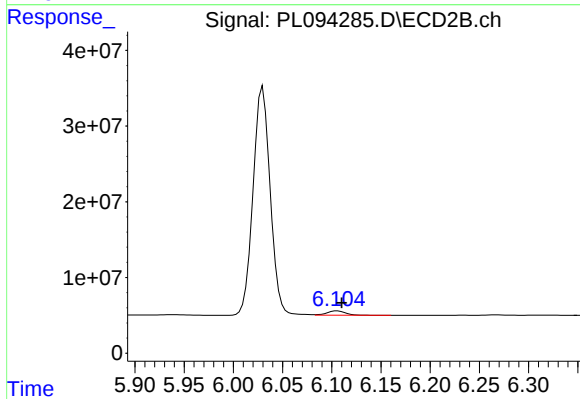
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 364376510
Conc: 111.98 ng/ml



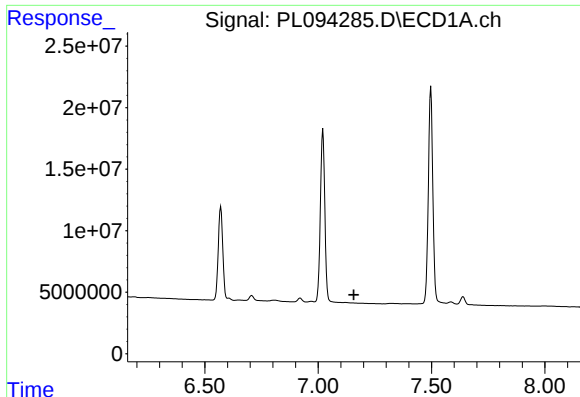
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 4012740
Conc: 2.06 ng/ml



#18 Endrin aldehyde

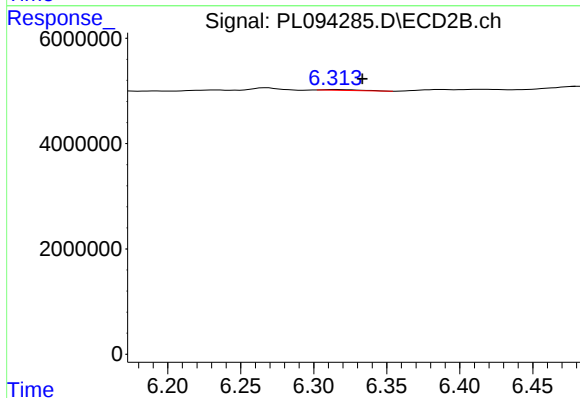
R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 7168624
Conc: 2.35 ng/ml



#19 Endosulfan Sulfate

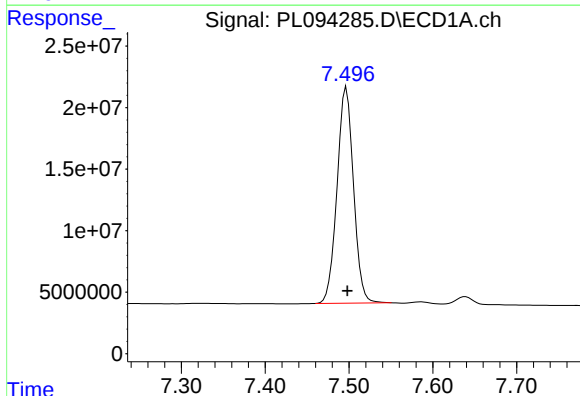
R.T.: 0.000 min
Exp R.T.: 7.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



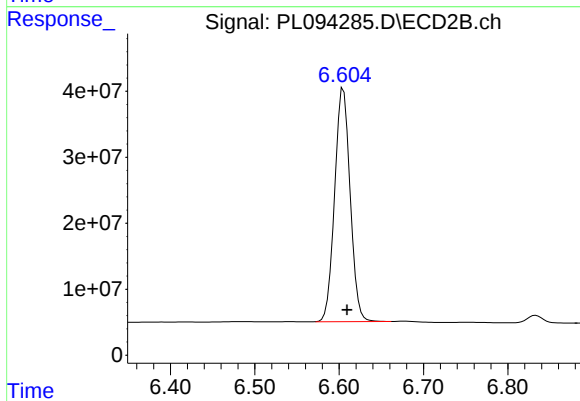
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: -0.019 min
Response: 265208
Conc: 0.07 ng/ml



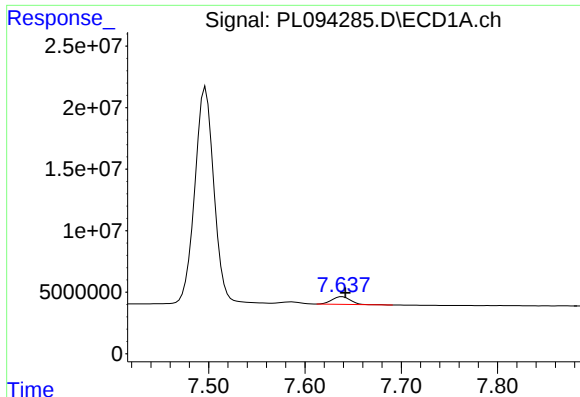
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 239605124
Conc: 229.64 ng/ml



#20 Methoxychlor

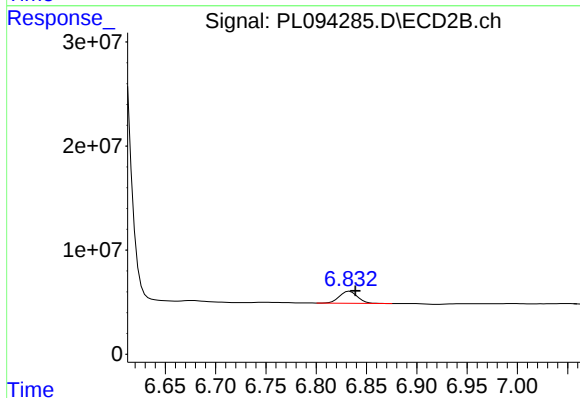
R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 452308530
Conc: 252.95 ng/ml



#21 Endrin ketone

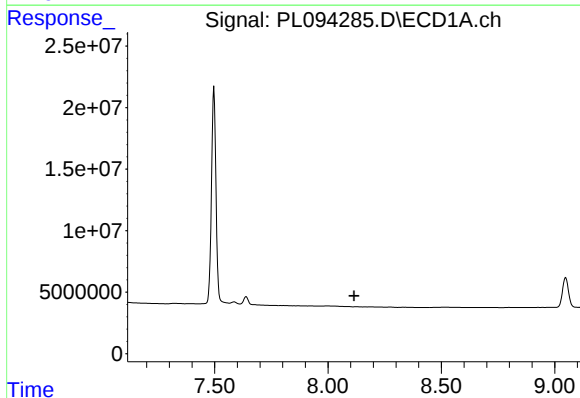
R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 8285266
Conc: 3.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



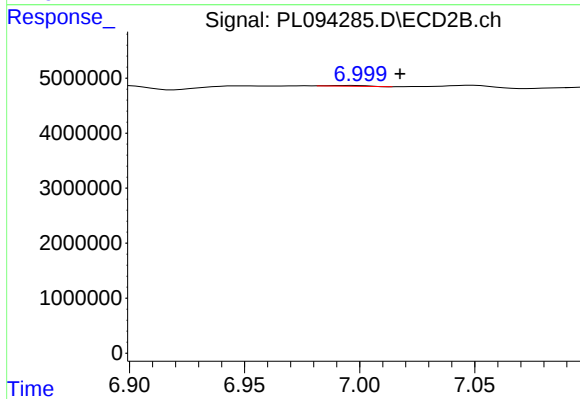
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.006 min
Response: 14407255
Conc: 3.43 ng/ml



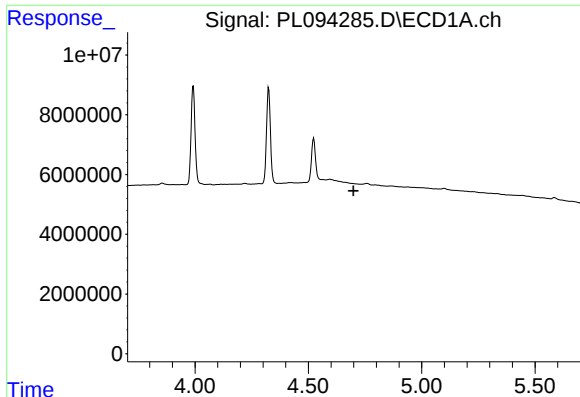
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

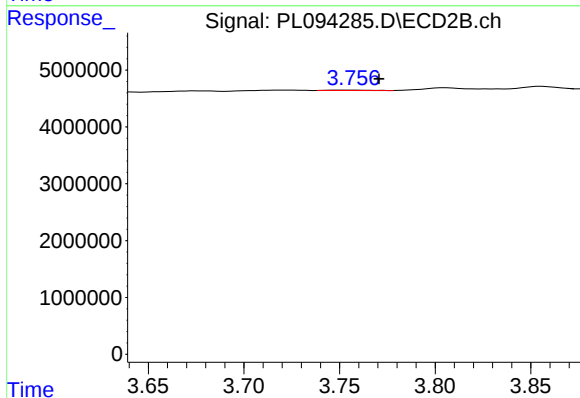
R.T.: 6.998 min
Delta R.T.: -0.019 min
Response: 159393
Conc: 0.05 ng/ml



#23 Chlordane-1

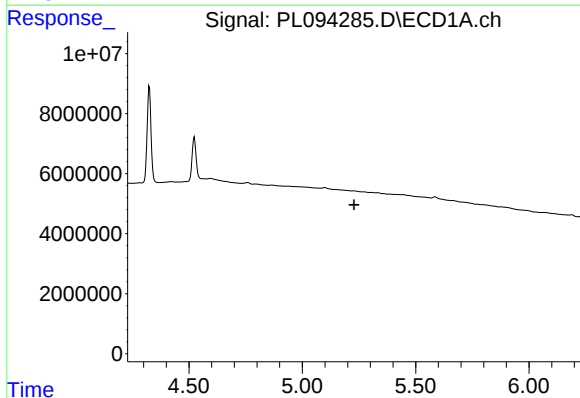
R.T.: 0.000 min
Exp R.T.: 4.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



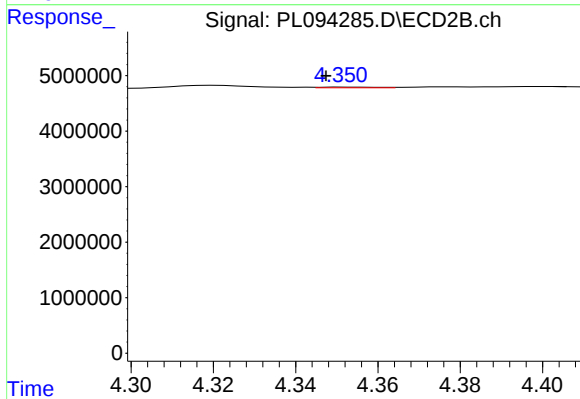
#23 Chlordane-1

R.T.: 3.757 min
Delta R.T.: -0.014 min
Response: 104638
Conc: 0.84 ng/ml



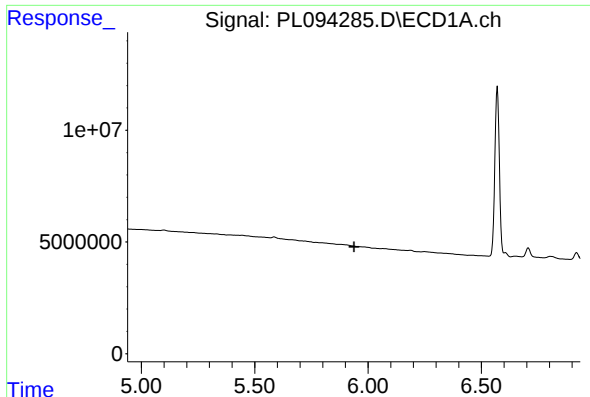
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.229 min
Response: 0
Conc: N.D.



#24 Chlordane-2

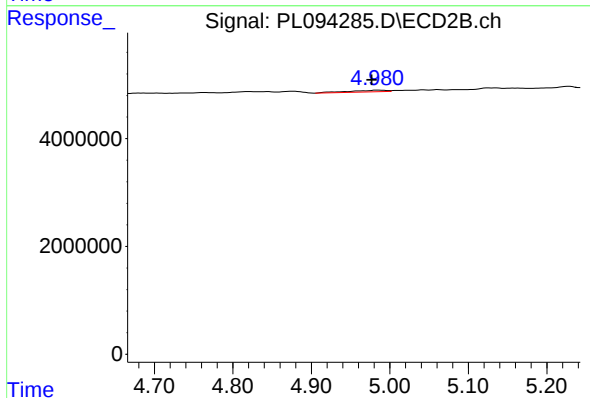
R.T.: 4.352 min
Delta R.T.: 0.005 min
Response: 128400
Conc: 0.88 ng/ml



#25 Chlordane-3

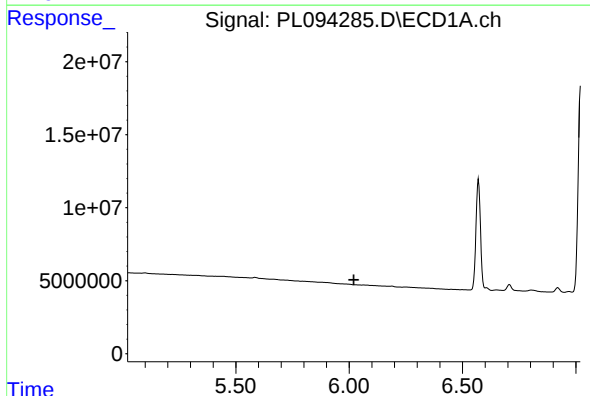
R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



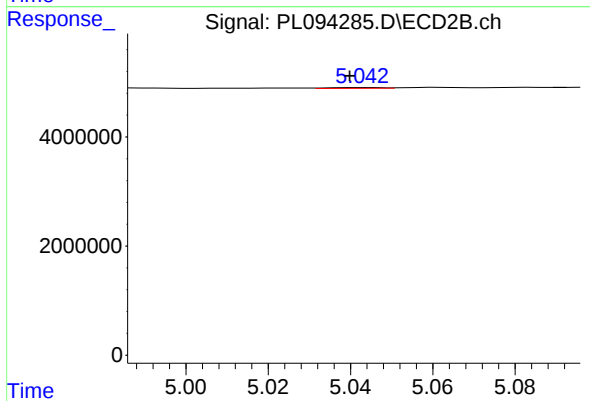
#25 Chlordane-3

R.T.: 4.985 min
Delta R.T.: 0.008 min
Response: 1026366
Conc: 2.36 ng/ml



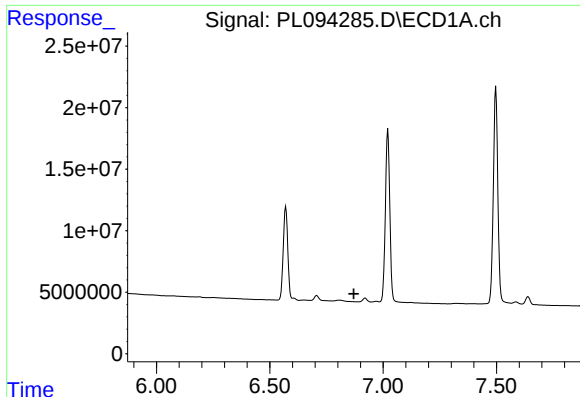
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.



#26 Chlordane-4

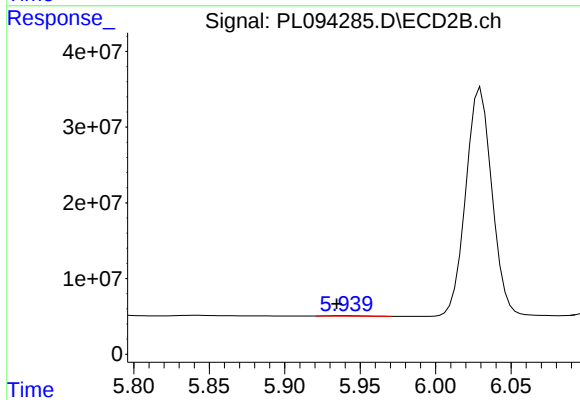
R.T.: 5.044 min
Delta R.T.: 0.004 min
Response: 132541
Conc: 0.31 ng/ml



#27 Chlordane-5

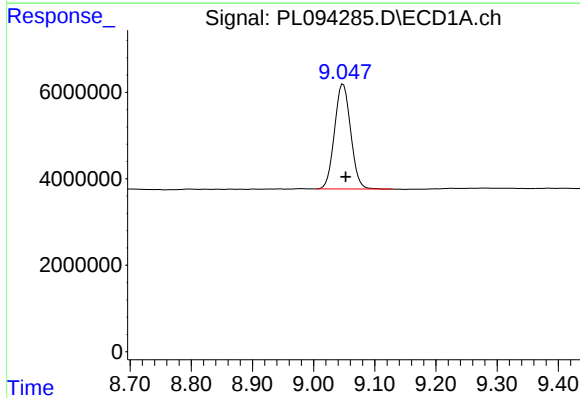
R.T.: 0.000 min
Exp R.T.: 6.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



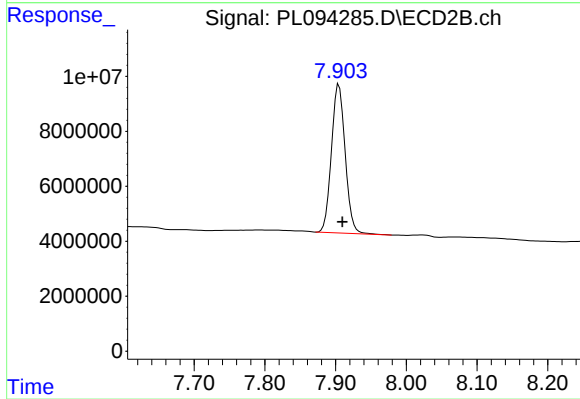
#27 Chlordane-5

R.T.: 5.940 min
Delta R.T.: 0.006 min
Response: 970882
Conc: 6.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.005 min
Response: 44464533
Conc: 21.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.005 min
Response: 72770044
Conc: 20.77 ng/ml