

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
 Data File : PL094292.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 10:02
 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 21 01:33:45 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...	3.542	2.771	56416408	67543630	20.951	20.693
28)	SA Decachlor...	9.059	7.908	47651787	78562498	22.779	22.420
Target Compounds							
2)	A alpha-BHC	3.998	3.273	41685552	48678675	10.873	9.957
3)	MA gamma-BHC...	4.330	3.604	39720560	45682319	10.785	9.635
4)	MA Heptachlor	0.000	3.965f	0	51144	N.D.	0.011 #
5)	MB Aldrin	0.000	4.238	0	583212	N.D.	0.128 #
6)	B beta-BHC	4.529	3.904	17629141	22663533	10.968	11.346
7)	B delta-BHC	0.000	4.132	0	147240	N.D.	0.031 #
8)	B Heptachlo...	5.684	4.735	2312141	24565	0.777	0.006 #
10)	B gamma-Chl...	0.000	4.985	0	4982025	N.D.	1.176 #
11)	B alpha-Chl...	0.000	5.050	0	7005214	N.D.	1.673 #
12)	B 4,4'-DDE	0.000	5.228	0	2658372	N.D.	0.663 #
13)	MA Dieldrin	0.000	5.361	0	281200	N.D.	0.065 #
14)	MA Endrin	6.577	5.634	116.7E6	181.6E6	49.765	49.183
15)	B Endosulfa...	0.000	5.943	0	1364340	N.D.	0.368 #
16)	A 4,4'-DDD	6.713	5.783	8825775	13153614	4.644	4.167
17)	MA 4,4'-DDT	7.027	6.032	194.0E6	370.4E6	98.354	113.817
18)	B Endrin al...	6.927	6.108	4723791	8792204	2.430	2.888
19)	B Endosulfa...	0.000	6.318f	0	243980	N.D.	0.068 #
20)	A Methoxychlor	7.503	6.607	242.9E6	452.9E6	232.822	253.269
21)	B Endrin ke...	7.645	6.836	10292661	16257401	4.080	3.875
22)	Mirex	0.000	7.022	0	683229	N.D.	0.202 #
24)	Chlordane-2	0.000	4.346	0	2921498	N.D.	19.912 #
25)	Chlordane-3	0.000	4.985	0	4982025	N.D.	11.458 #
26)	Chlordane-4	0.000	5.050	0	7005214	N.D.	16.535 #
27)	Chlordane-5	0.000	5.943	0	1364340	N.D.	8.908 #

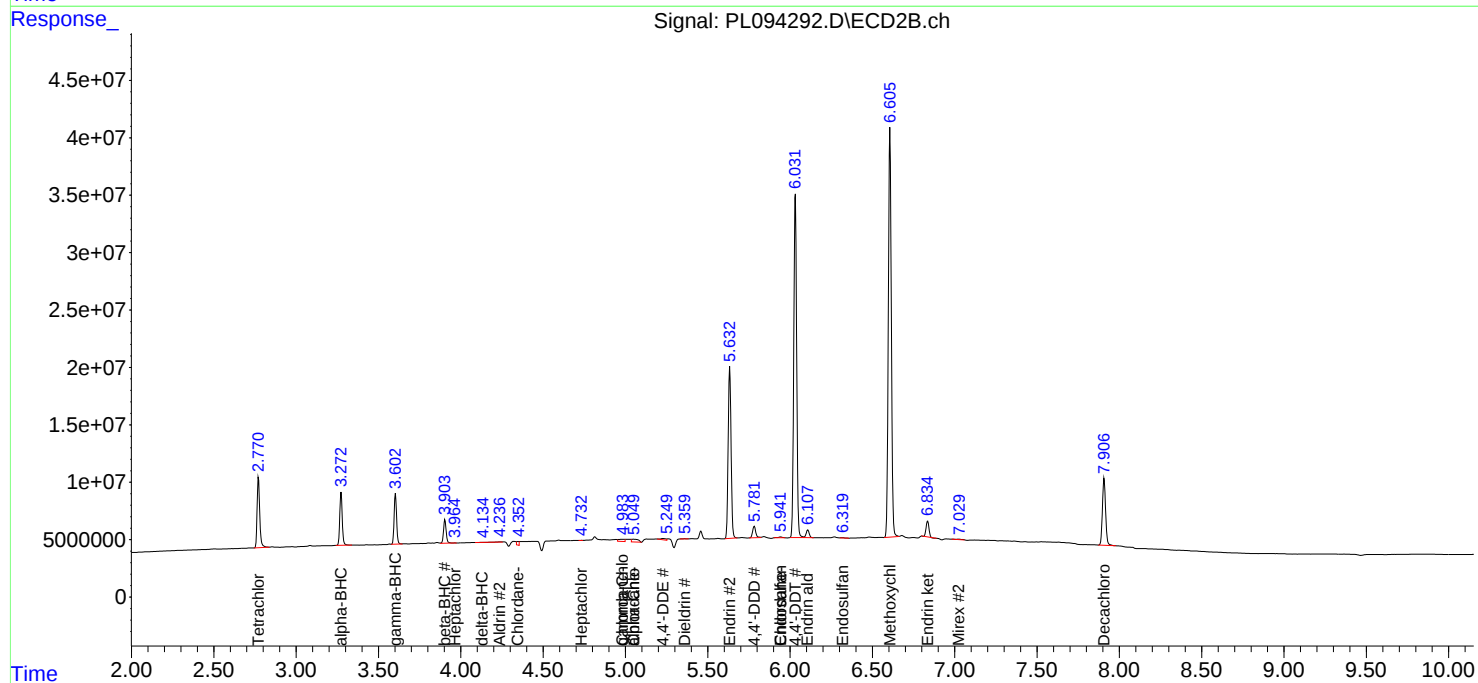
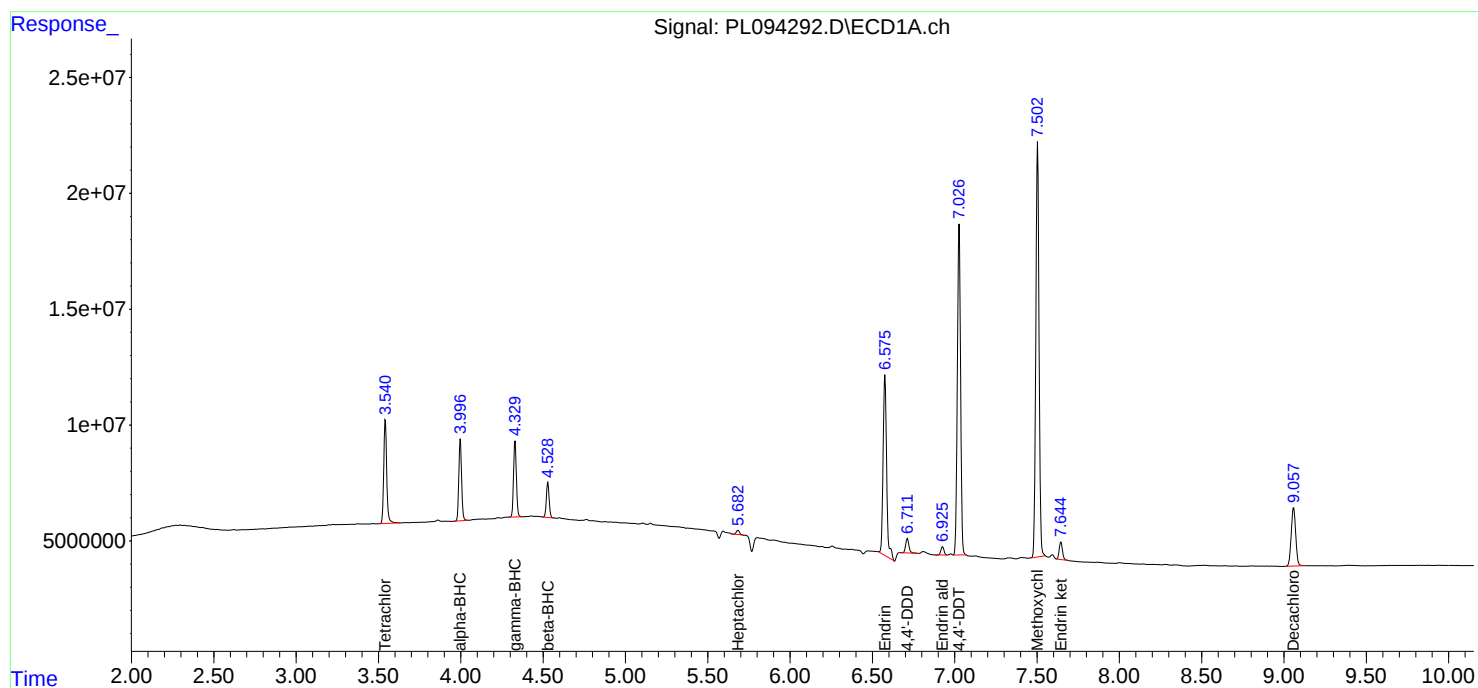
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

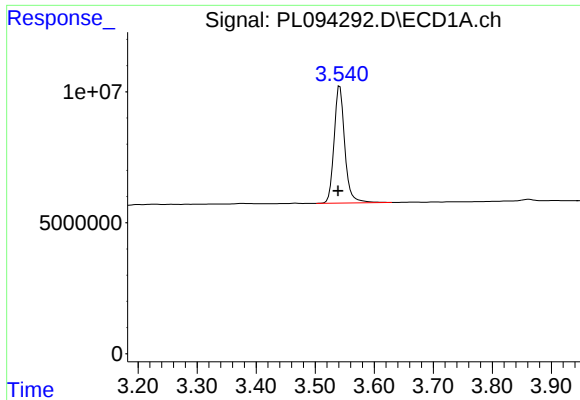
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
Data File : PL094292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 10:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:33:45 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

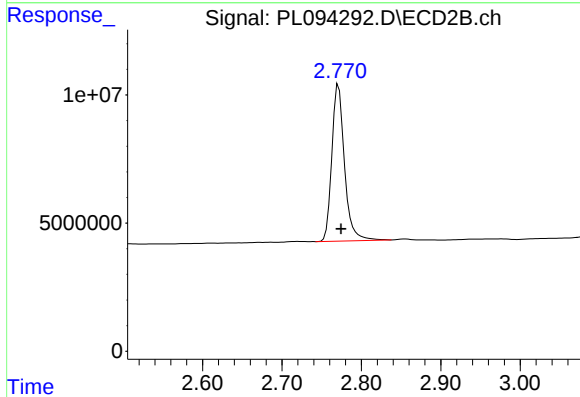




#1 Tetrachloro-m-xylene

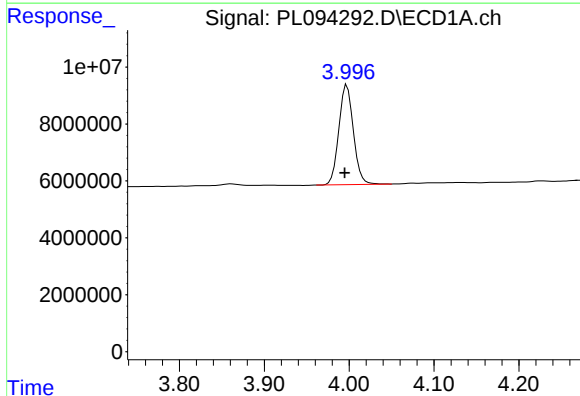
R.T.: 3.542 min
Delta R.T.: 0.003 min
Response: 56416408
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



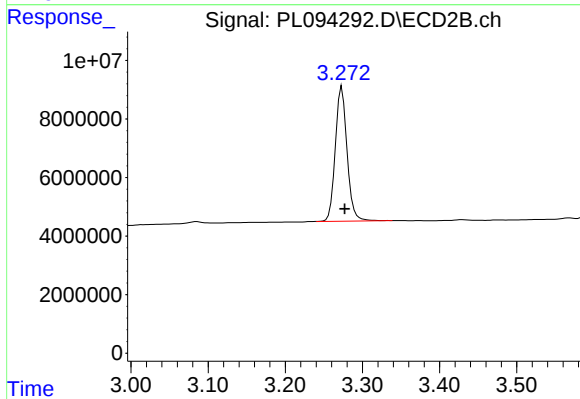
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.003 min
Response: 67543630
Conc: 20.69 ng/ml



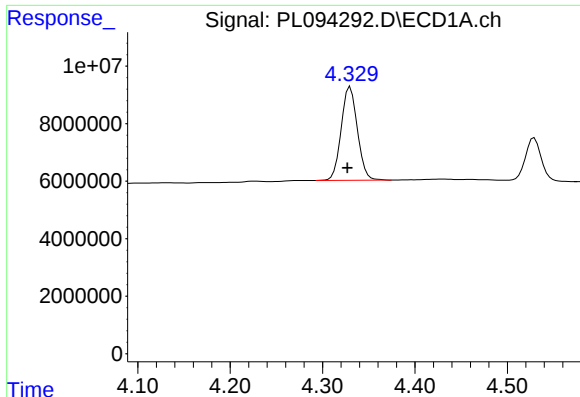
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.003 min
Response: 41685552
Conc: 10.87 ng/ml



#2 alpha-BHC

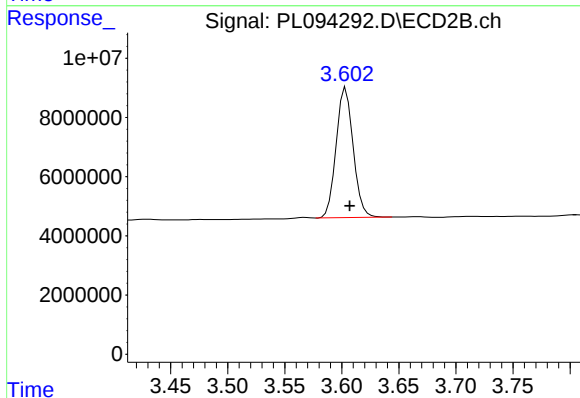
R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 48678675
Conc: 9.96 ng/ml



#3 gamma-BHC (Lindane)

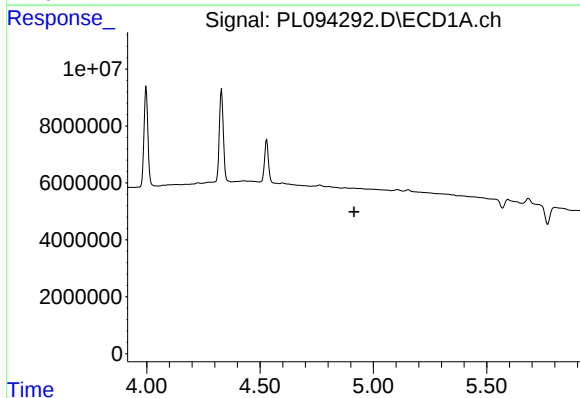
R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 39720560
Conc: 10.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



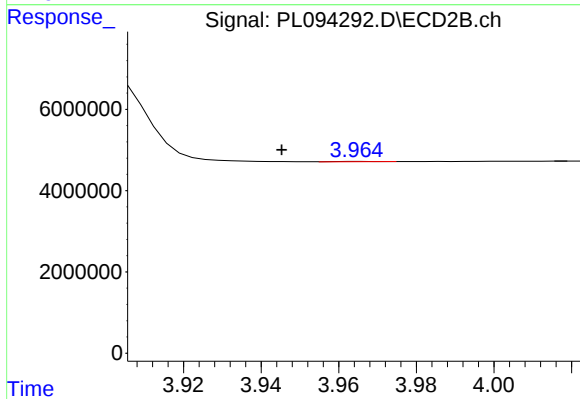
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 45682319
Conc: 9.64 ng/ml



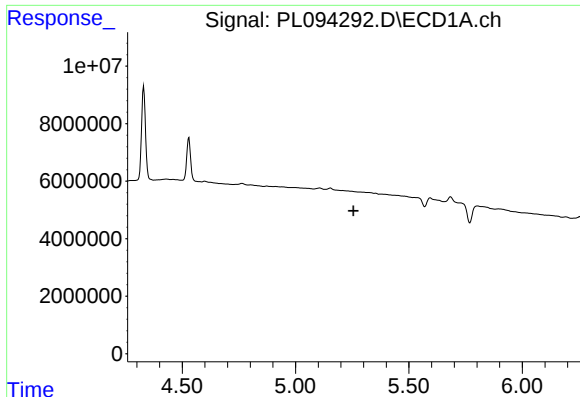
#4 Heptachlor

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



#4 Heptachlor

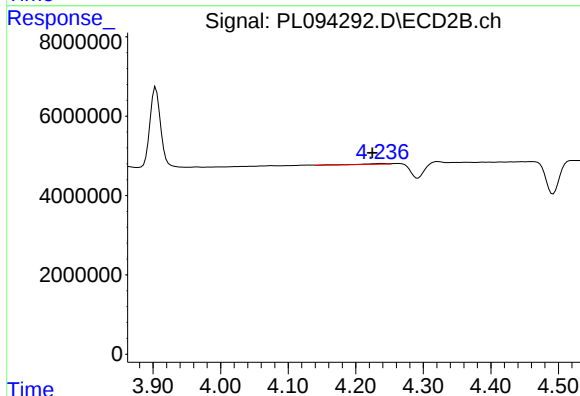
R.T.: 3.965 min
Delta R.T.: 0.020 min
Response: 51144
Conc: 0.01 ng/ml



#5 Aldrin

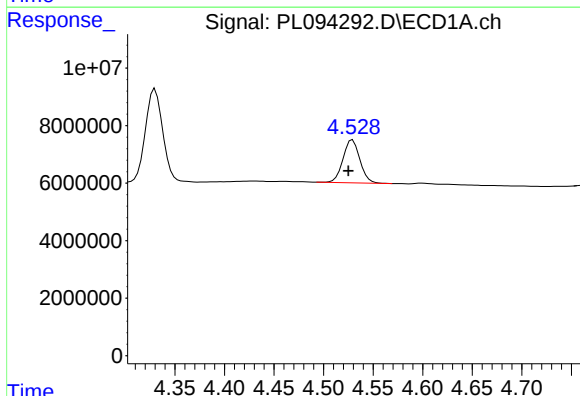
R.T.: 0.000 min
Exp R.T.: 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



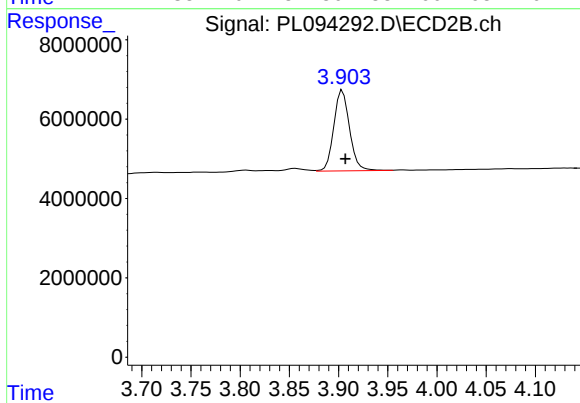
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: 0.013 min
Response: 583212
Conc: 0.13 ng/ml



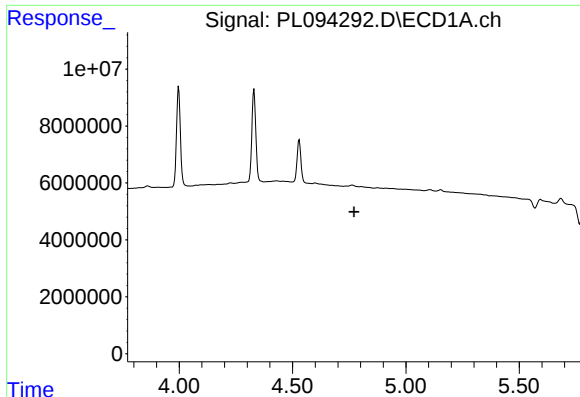
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 17629141
Conc: 10.97 ng/ml



#6 beta-BHC

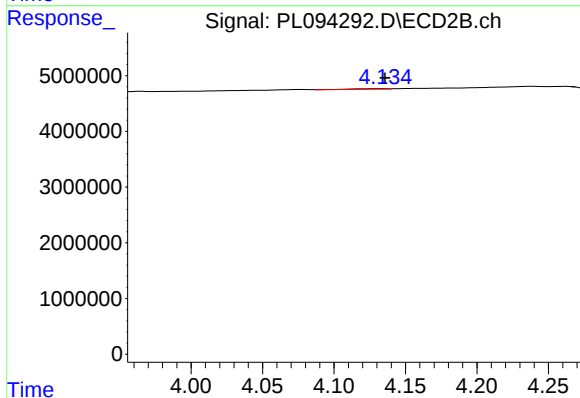
R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 22663533
Conc: 11.35 ng/ml



#7 delta-BHC

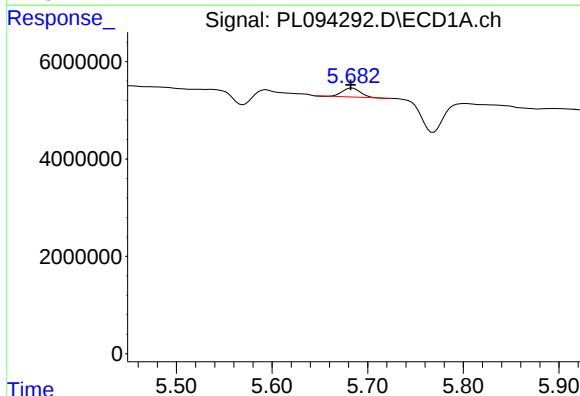
R.T.: 0.000 min
Exp R.T.: 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



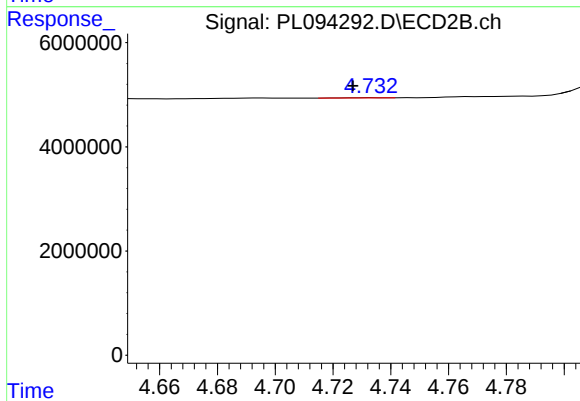
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 147240
Conc: 0.03 ng/ml



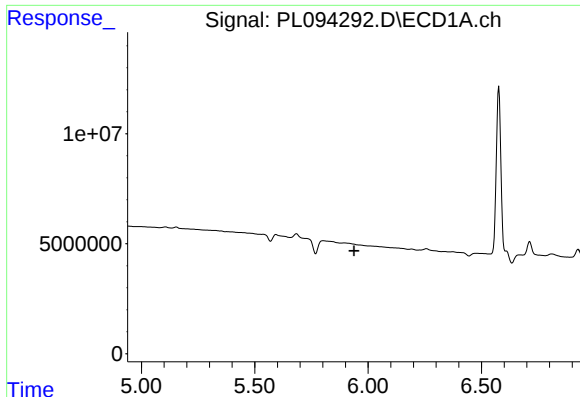
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.002 min
Response: 2312141
Conc: 0.78 ng/ml



#8 Heptachlor epoxide

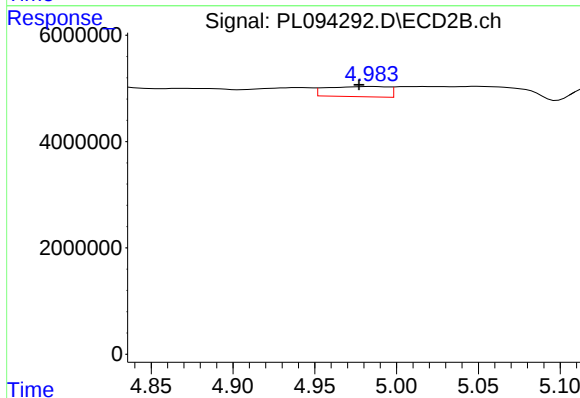
R.T.: 4.735 min
Delta R.T.: 0.008 min
Response: 24565
Conc: 0.01 ng/ml



#10 gamma-Chlordane

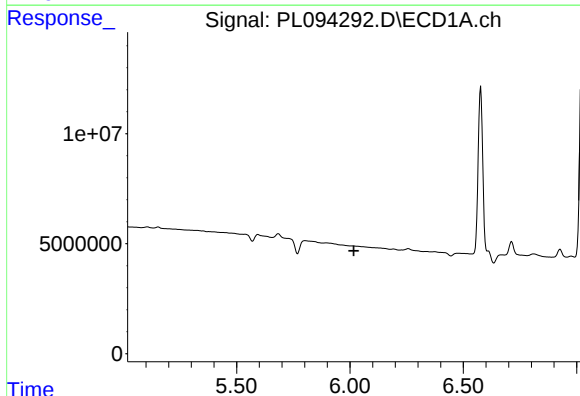
R.T.: 0.000 min
Exp R.T. : 5.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



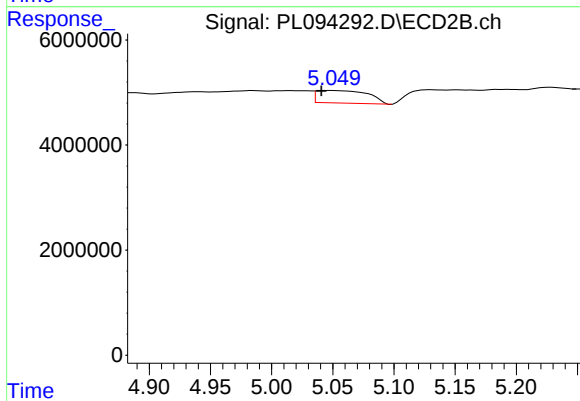
#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: 0.008 min
Response: 4982025
Conc: 1.18 ng/ml



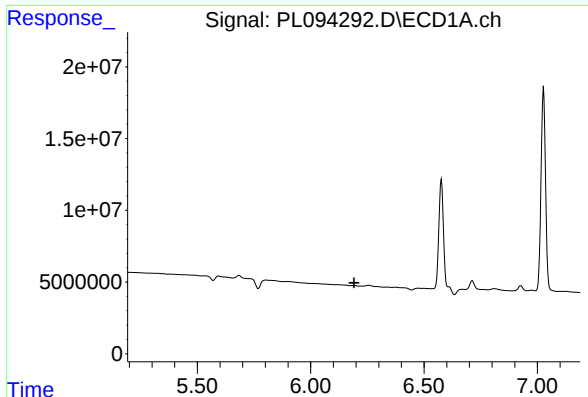
#11 alpha-Chlordane

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



#11 alpha-Chlordane

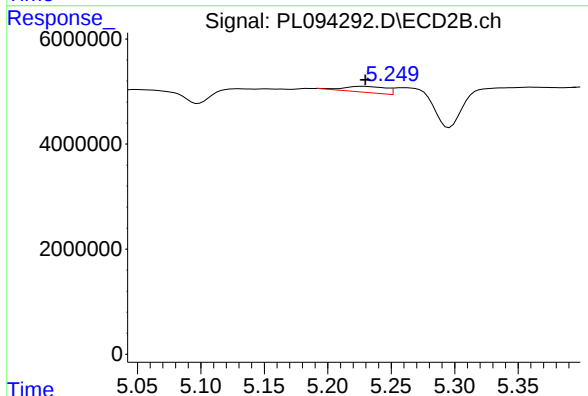
R.T.: 5.050 min
Delta R.T.: 0.009 min
Response: 7005214
Conc: 1.67 ng/ml



#12 4,4'-DDE

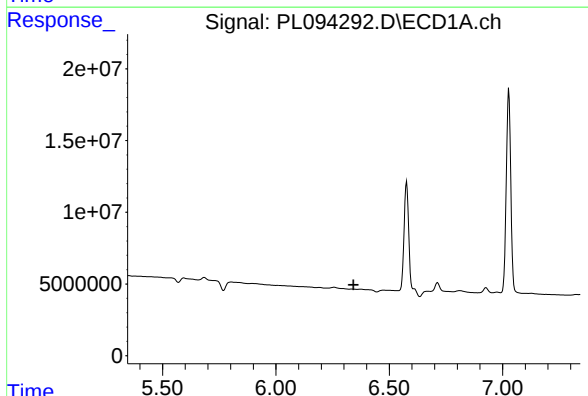
R.T.: 0.000 min
Exp R.T.: 6.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



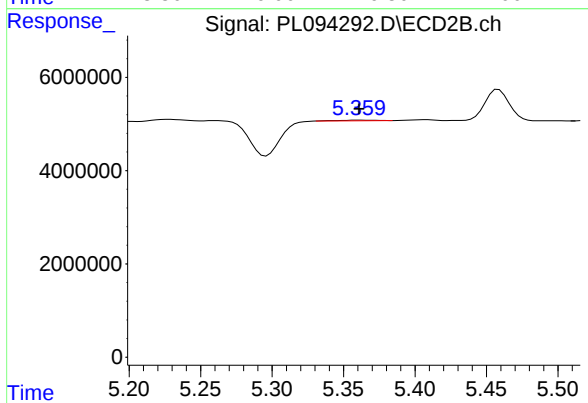
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 2658372
Conc: 0.66 ng/ml



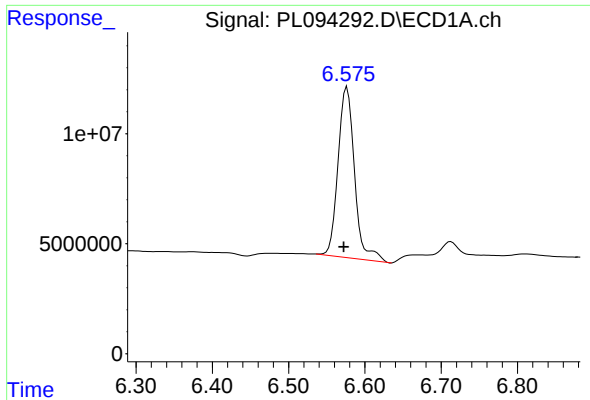
#13 Dieldrin

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



#13 Dieldrin

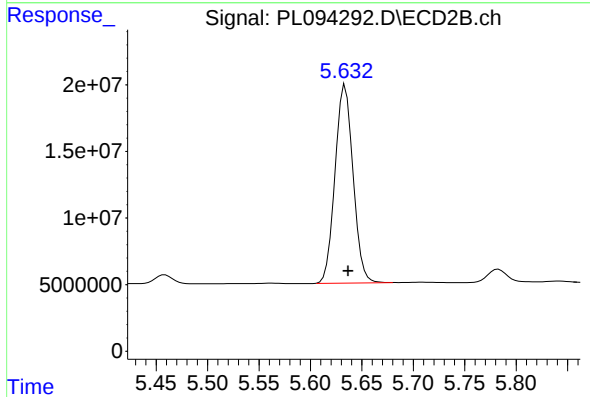
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 281200
Conc: 0.07 ng/ml



#14 Endrin

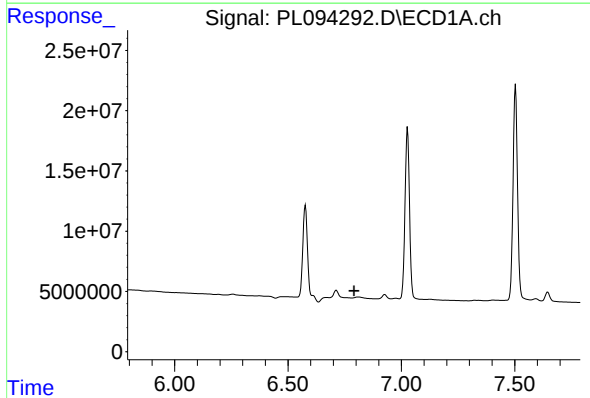
R.T.: 6.577 min
Delta R.T.: 0.004 min
Response: 116689423
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



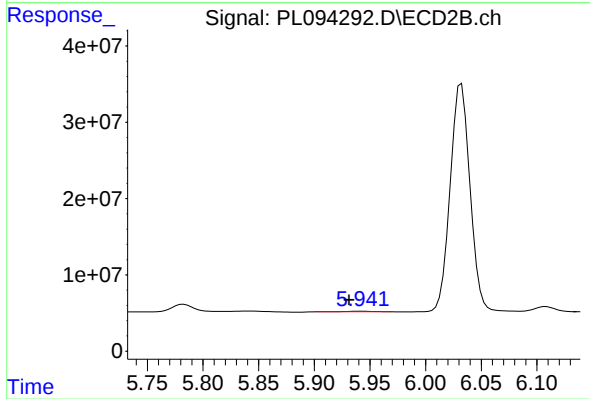
#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 181616721
Conc: 49.18 ng/ml



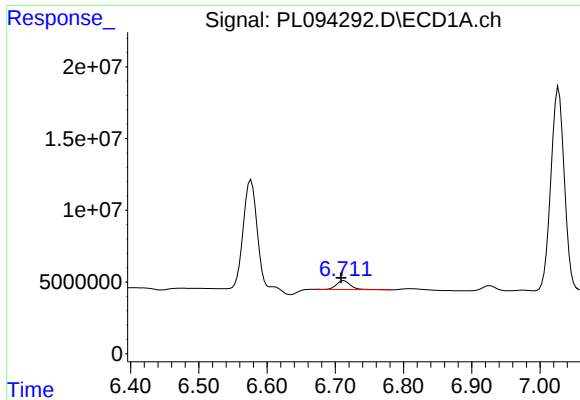
#15 Endosulfan II

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



#15 Endosulfan II

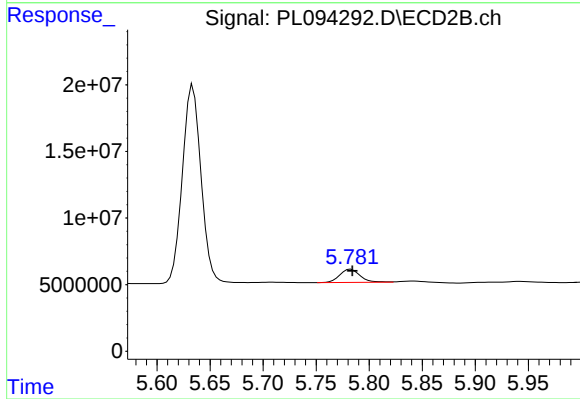
R.T.: 5.943 min
Delta R.T.: 0.011 min
Response: 1364340
Conc: 0.37 ng/ml



#16 4,4'-DDD

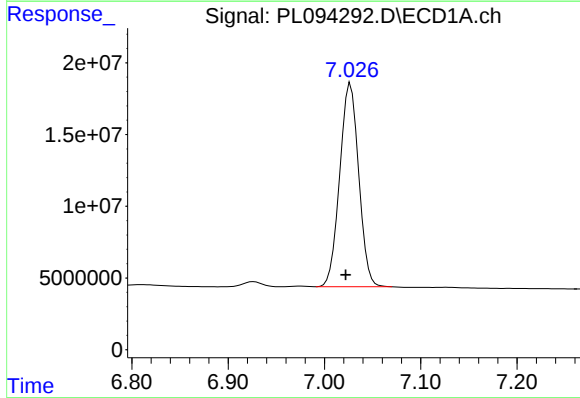
R.T.: 6.713 min
Delta R.T.: 0.005 min
Response: 8825775
Conc: 4.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



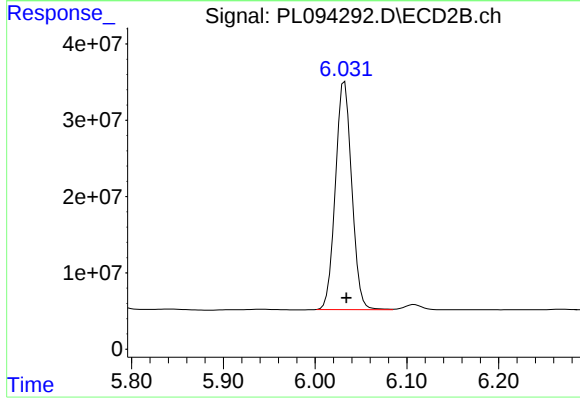
#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 13153614
Conc: 4.17 ng/ml



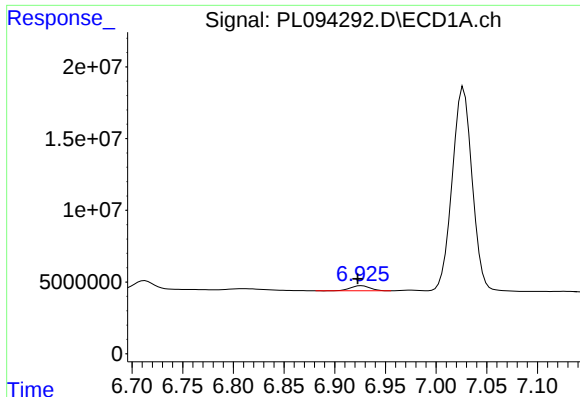
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.005 min
Response: 193958764
Conc: 98.35 ng/ml



#17 4,4'-DDT

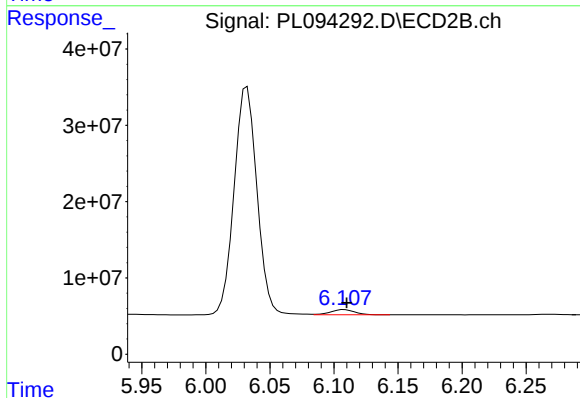
R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 370364627
Conc: 113.82 ng/ml



#18 Endrin aldehyde

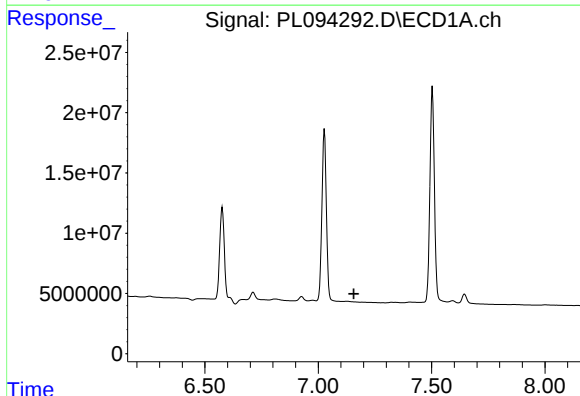
R.T.: 6.927 min
Delta R.T.: 0.004 min
Response: 4723791
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



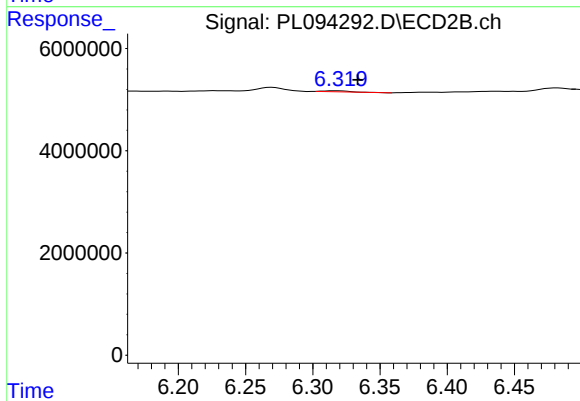
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 8792204
Conc: 2.89 ng/ml



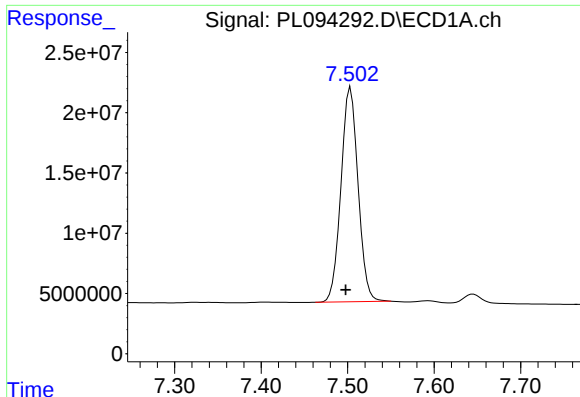
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

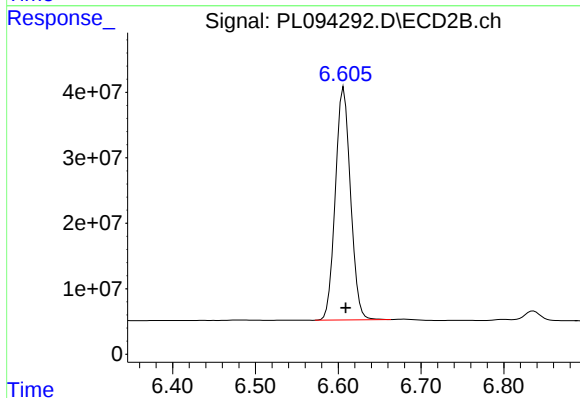
R.T.: 6.318 min
Delta R.T.: -0.016 min
Response: 243980
Conc: 0.07 ng/ml



#20 Methoxychlor

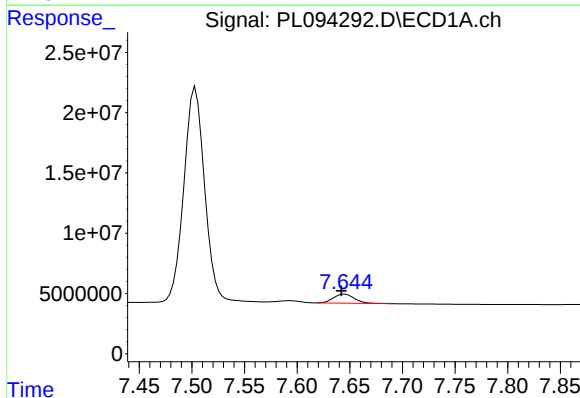
R.T.: 7.503 min
Delta R.T.: 0.006 min
Response: 242925780
Conc: 232.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



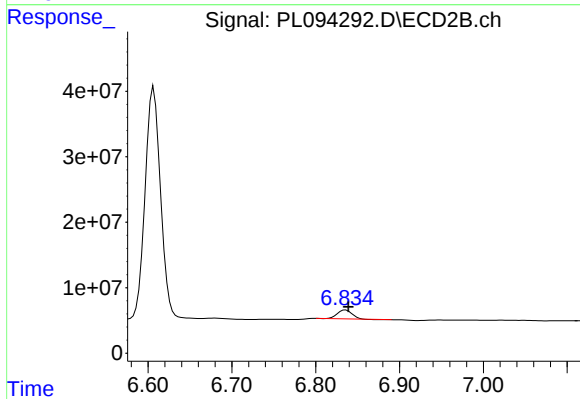
#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.003 min
Response: 452879008
Conc: 253.27 ng/ml



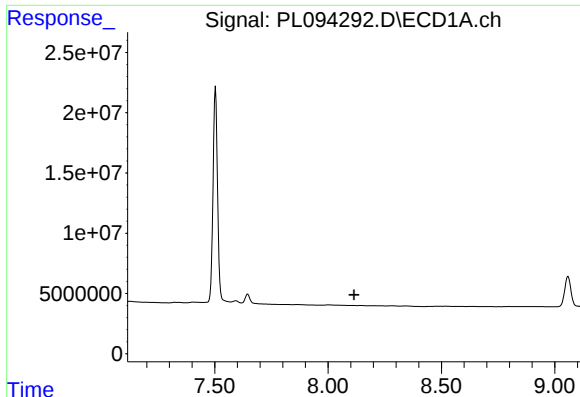
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 10292661
Conc: 4.08 ng/ml



#21 Endrin ketone

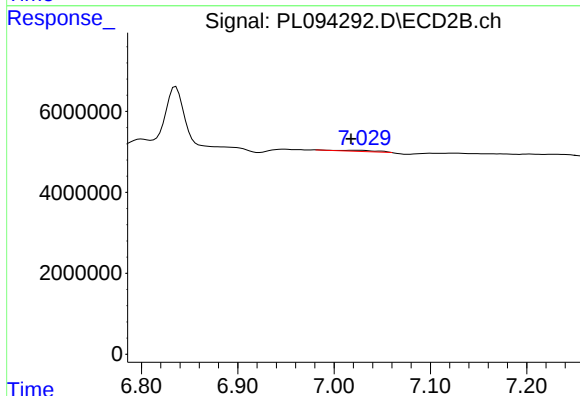
R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 16257401
Conc: 3.88 ng/ml



#22 Mirex

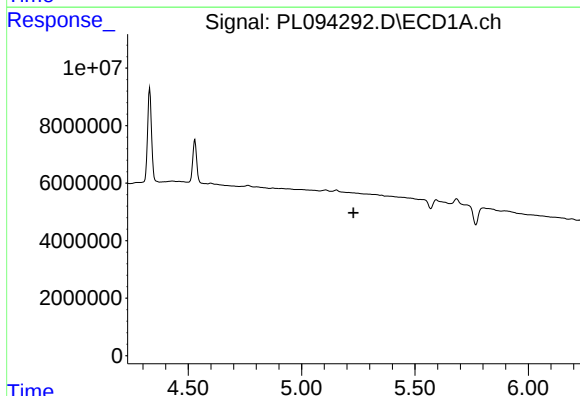
R.T.: 0.000 min
Exp R.T.: 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



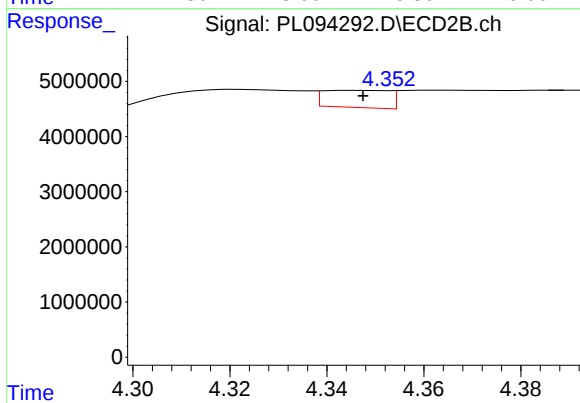
#22 Mirex

R.T.: 7.022 min
Delta R.T.: 0.005 min
Response: 683229
Conc: 0.20 ng/ml



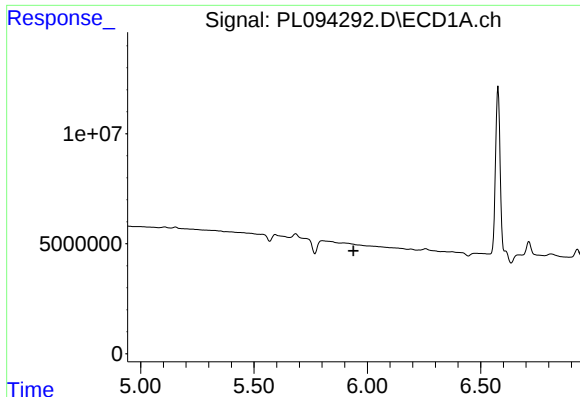
#24 Chlordane-2

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



#24 Chlordane-2

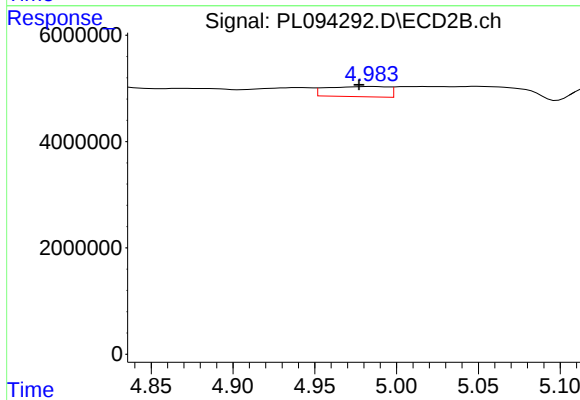
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 2921498
Conc: 19.91 ng/ml



#25 Chlordane-3

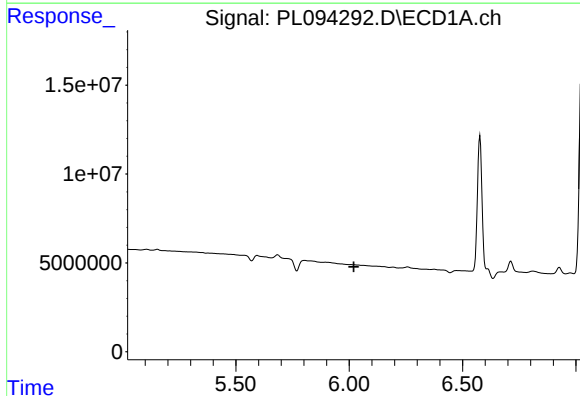
R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



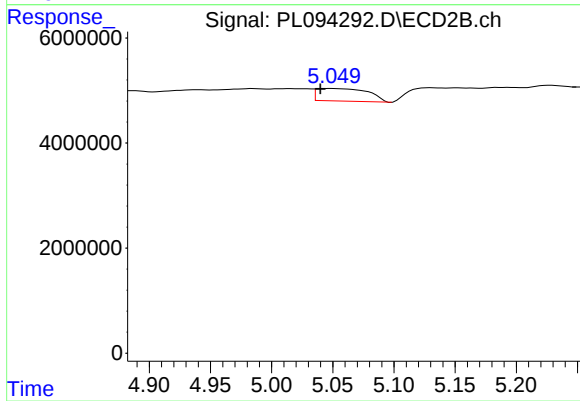
#25 Chlordane-3

R.T.: 4.985 min
Delta R.T.: 0.008 min
Response: 4982025
Conc: 11.46 ng/ml



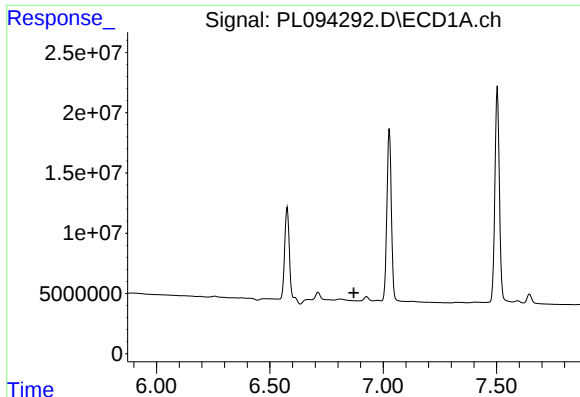
#26 Chlordane-4

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



#26 Chlordane-4

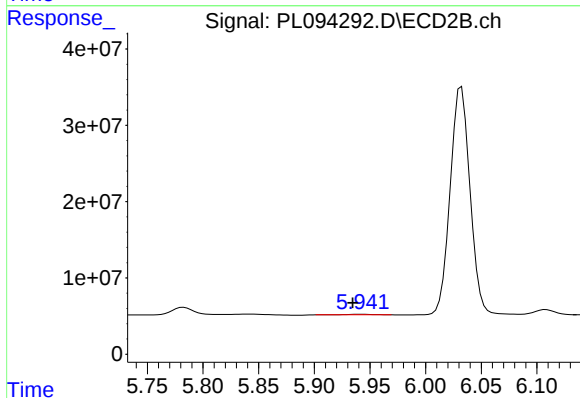
R.T.: 5.050 min
Delta R.T.: 0.010 min
Response: 7005214
Conc: 16.53 ng/ml



#27 Chlordane-5

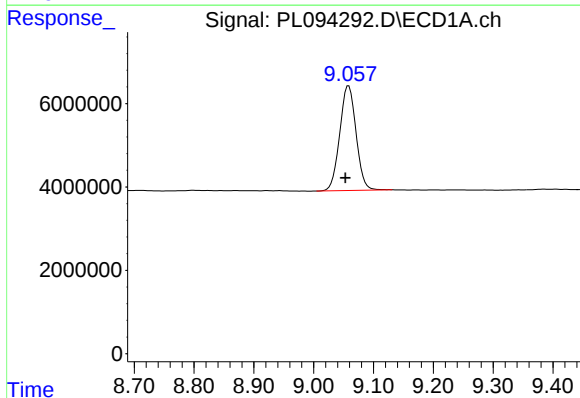
R.T.: 0.000 min
Exp R.T.: 6.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



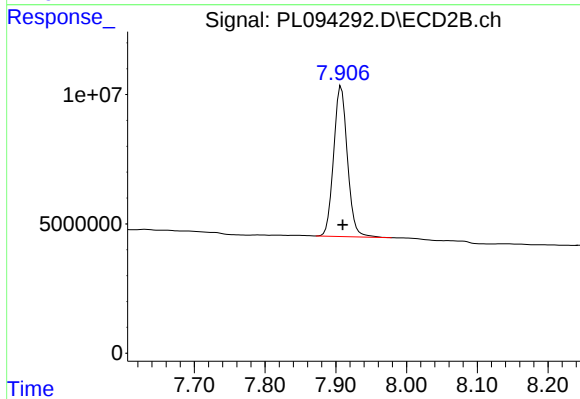
#27 Chlordane-5

R.T.: 5.943 min
Delta R.T.: 0.008 min
Response: 1364340
Conc: 8.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.006 min
Response: 47651787
Conc: 22.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 78562498
Conc: 22.42 ng/ml