

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2025 11:04
 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 01 00:23:18 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...	3.536	2.773	59160870	68856501	21.970	21.095
28)	SA Decachlor...	9.055	7.909	43538365	71991432	20.813	20.545
Target Compounds							
2)	A alpha-BHC	3.993	3.276	44899644	49070780	11.711	10.037
3)	MA gamma-BHC...	4.325	3.606	42528053	44605929	11.548	9.408
4)	MA Heptachlor	0.000	3.952	0	33873	N.D.	0.007 #
5)	MB Aldrin	0.000	4.206f	0	76326	N.D.	0.017 #
6)	B beta-BHC	4.524	3.906	19203907	21501109	11.948	10.764
8)	B Heptachlo...	5.680	4.744f	3932300	-16296	1.322	N.D. #
9)	A Endosulfan I	0.000	5.124f	0	1736850	N.D.	0.448 #
10)	B gamma-Chl...	0.000	4.992f	0	4530943	N.D.	1.069 #
11)	B alpha-Chl...	0.000	5.058f	0	4838311	N.D.	1.156 #
12)	B 4,4'-DDE	0.000	5.231	0	431689	N.D.	0.108 #
14)	MA Endrin	6.573	5.636	121.5E6	194.2E6	51.824	52.601
15)	B Endosulfa...	6.802	5.935	2883281	360774	1.197	0.097 #
16)	A 4,4'-DDD	6.710	5.784	3065155	1766731	1.613	0.560 #
17)	MA 4,4'-DDT	7.023	6.034	220.2E6	385.2E6	111.678	118.388
18)	B Endrin al...	6.923	6.110	3204040	5122986	1.648	1.683
20)	A Methoxychlor	7.499	6.609	275.2E6	477.2E6	263.715	266.852
21)	B Endrin ke...	7.642	6.838	6132437	7415103	2.431	1.768 #
22)	Mirex	0.000	7.021	0	102308	N.D.	0.030 #
23)	Chlordane-1	0.000	3.768	0	70027	N.D.	0.561 #
24)	Chlordane-2	0.000	4.323f	0	1674775	N.D.	11.415 #
25)	Chlordane-3	0.000	4.992	0	4530943	N.D.	10.420 #
26)	Chlordane-4	0.000	5.058f	0	4838311	N.D.	11.420 #
27)	Chlordane-5	0.000	5.935	0	360774	N.D.	2.355 #

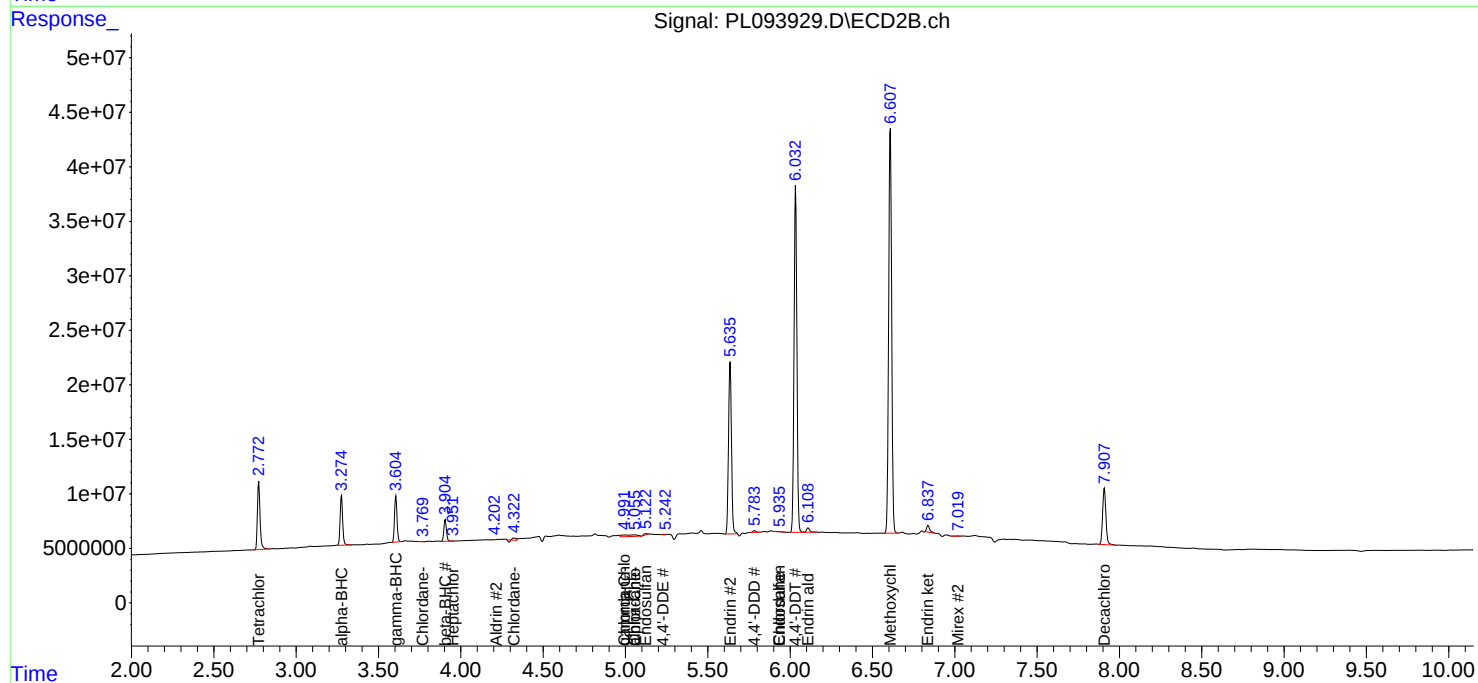
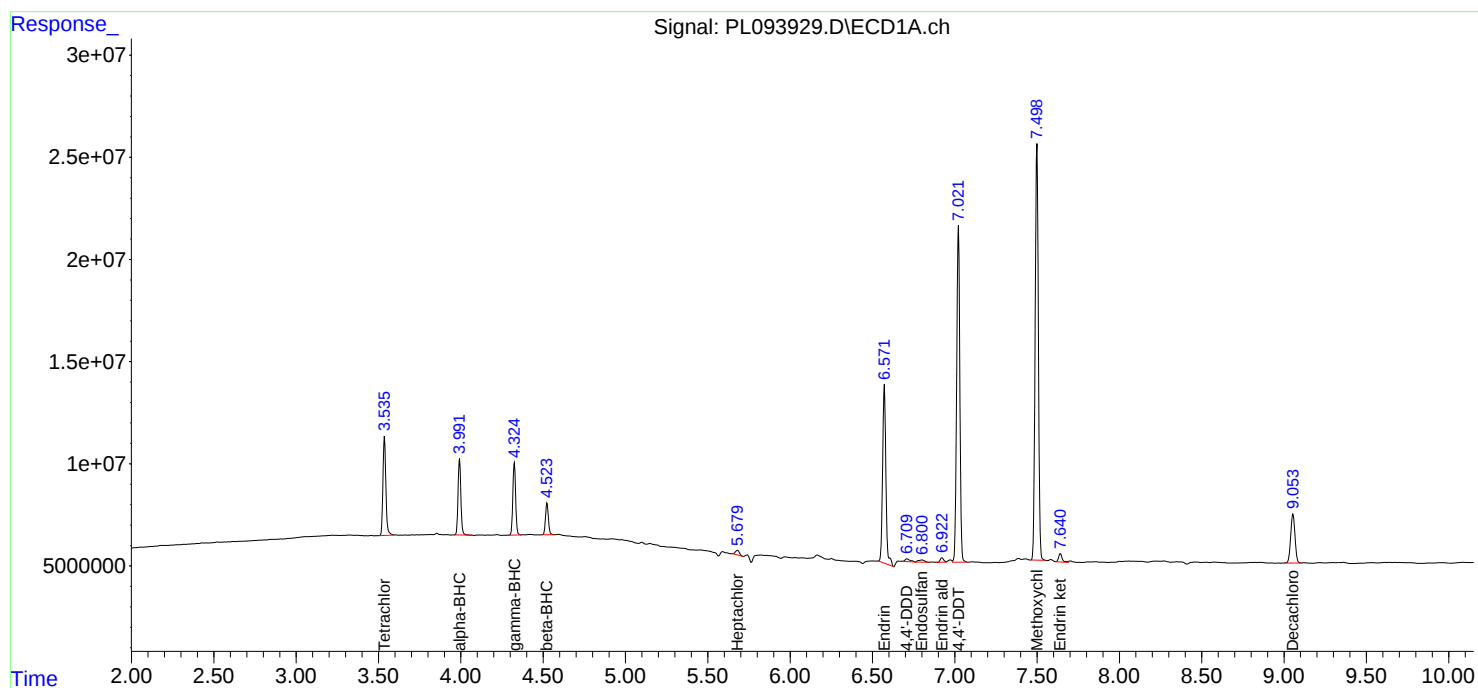
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

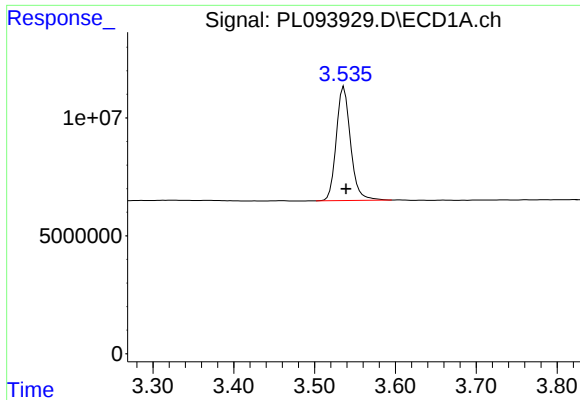
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
Data File : PL093929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2025 11:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:23:18 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

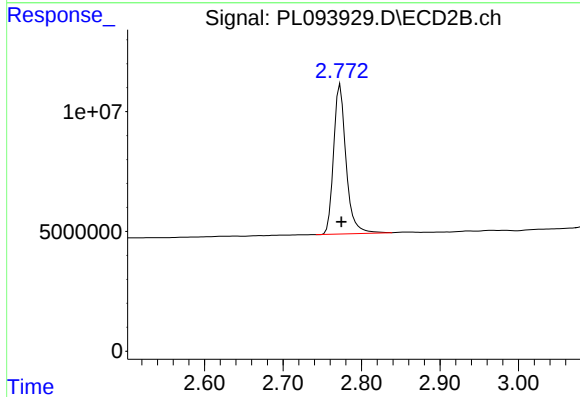




#1 Tetrachloro-m-xylene

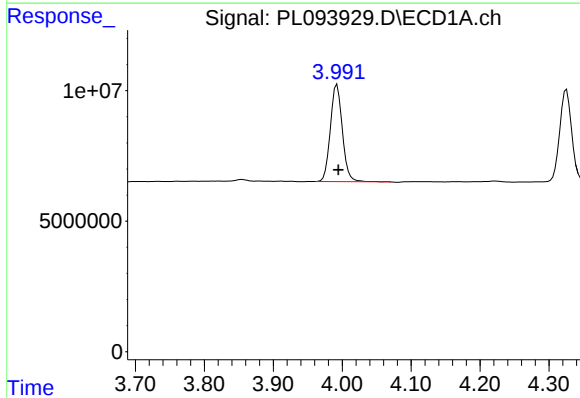
R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 59160870
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



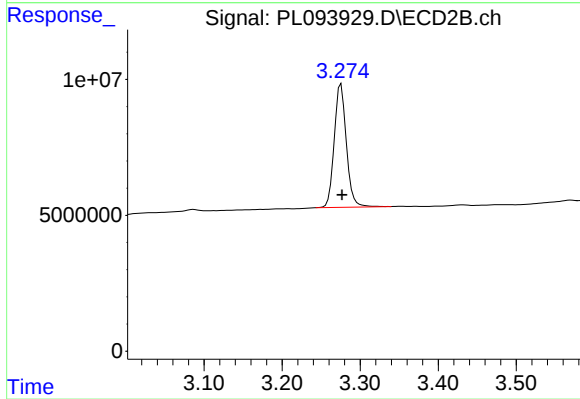
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.002 min
Response: 68856501
Conc: 21.09 ng/ml



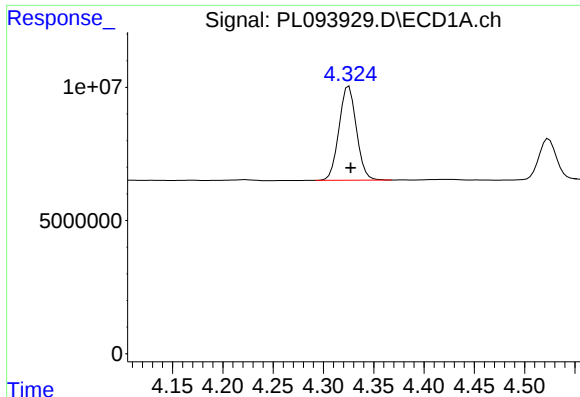
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 44899644
Conc: 11.71 ng/ml



#2 alpha-BHC

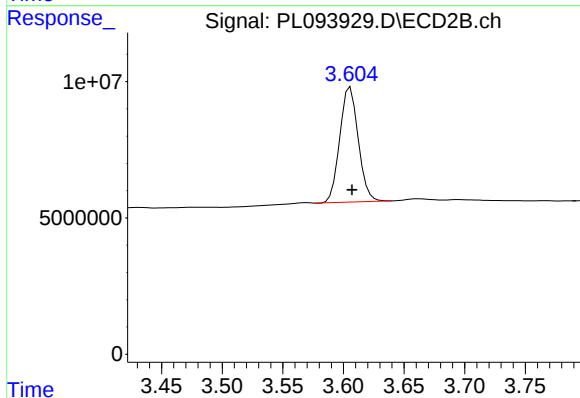
R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 49070780
Conc: 10.04 ng/ml



#3 gamma-BHC (Lindane)

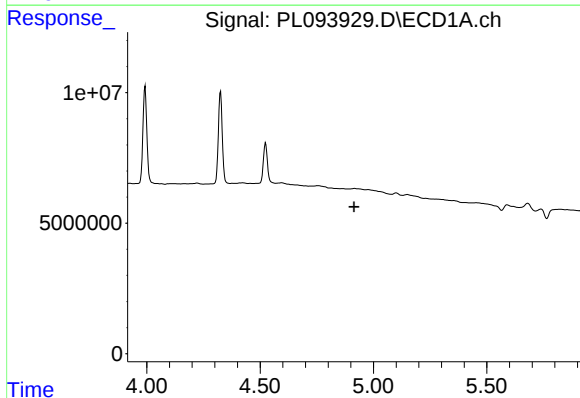
R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 42528053
Conc: 11.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



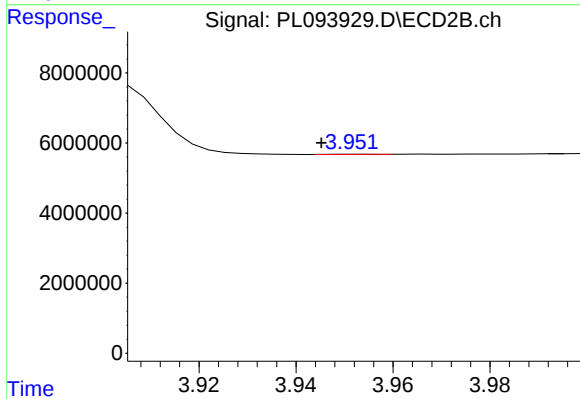
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 44605929
Conc: 9.41 ng/ml



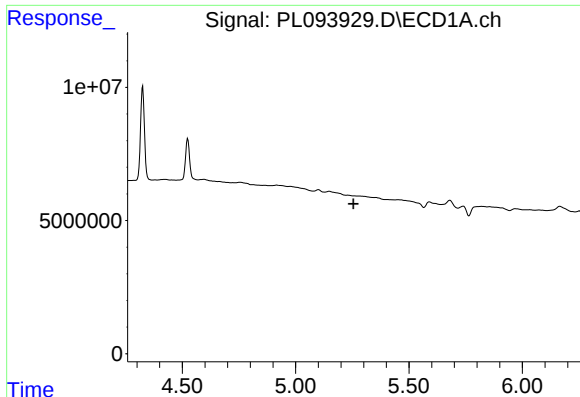
#4 Heptachlor

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



#4 Heptachlor

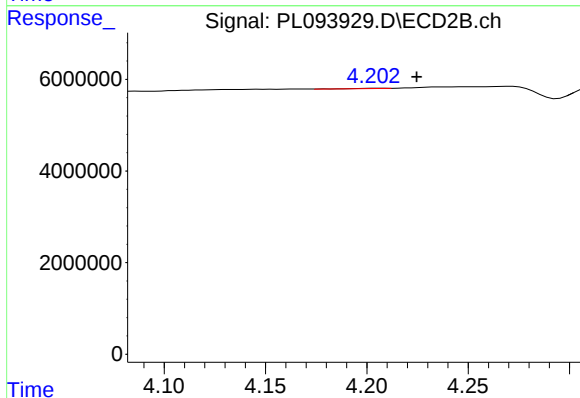
R.T.: 3.952 min
Delta R.T.: 0.007 min
Response: 33873
Conc: 0.01 ng/ml



#5 Aldrin

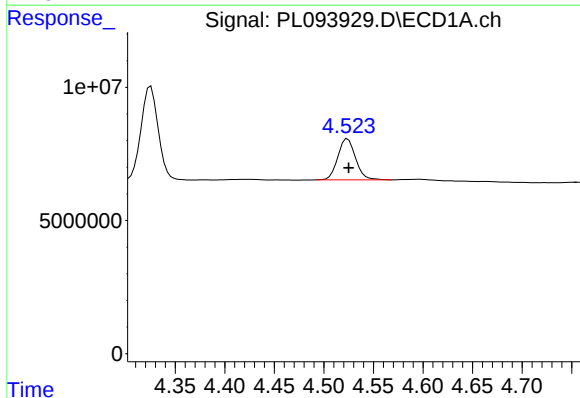
R.T.: 0.000 min
Exp R.T.: 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



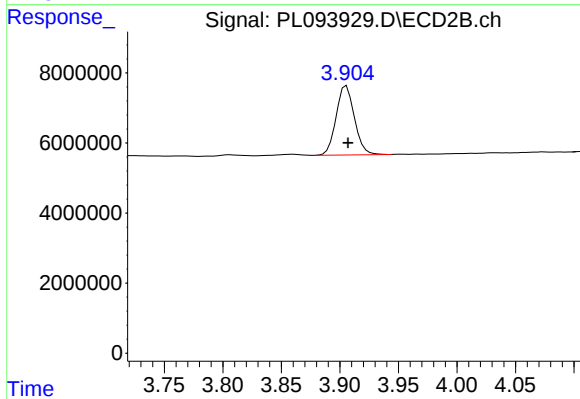
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: -0.019 min
Response: 76326
Conc: 0.02 ng/ml



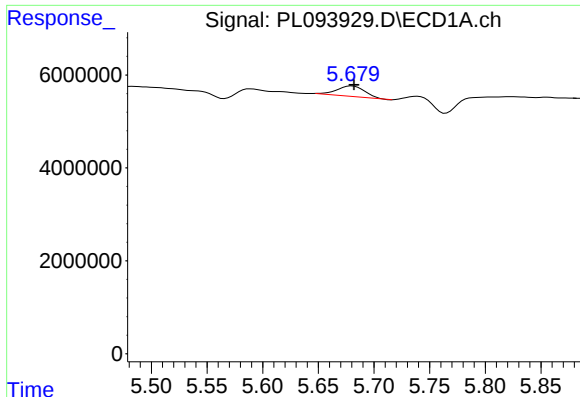
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 19203907
Conc: 11.95 ng/ml



#6 beta-BHC

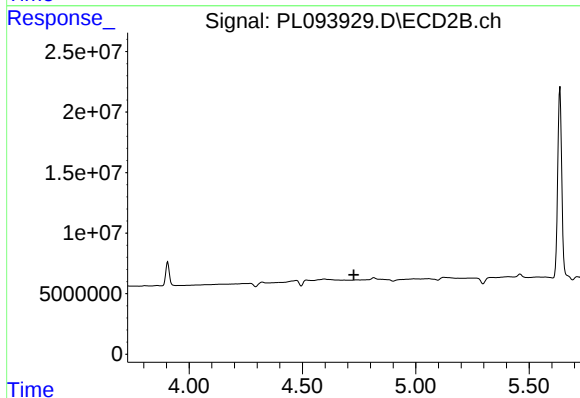
R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 21501109
Conc: 10.76 ng/ml



#8 Heptachlor epoxide

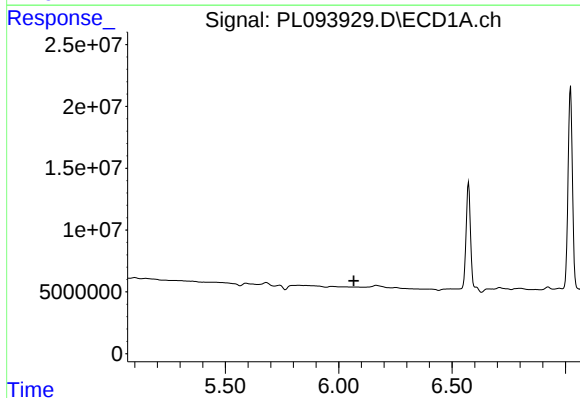
R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 3932300
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



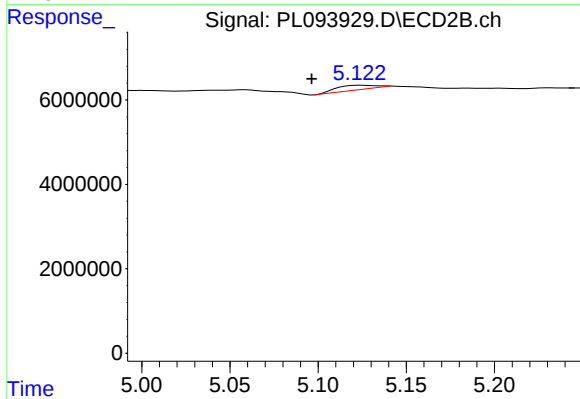
#8 Heptachlor epoxide

R.T.: 4.744 min
Delta R.T.: 0.017 min
Response: -16296
Conc: N.D.



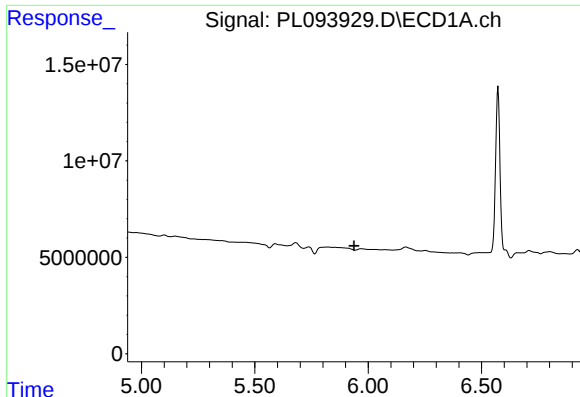
#9 Endosulfan I

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



#9 Endosulfan I

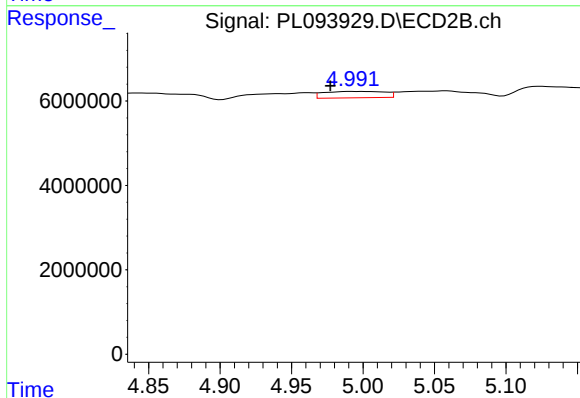
R.T.: 5.124 min
Delta R.T.: 0.028 min
Response: 1736850
Conc: 0.45 ng/ml



#10 gamma-Chlordane

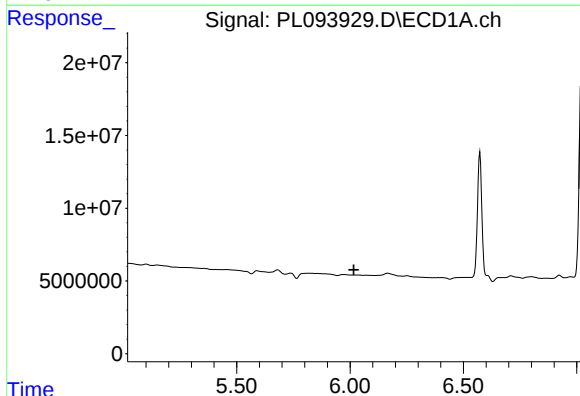
R.T.: 0.000 min
Exp R.T.: 5.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



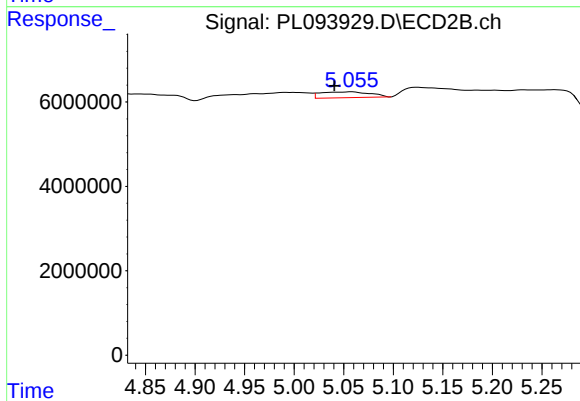
#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.015 min
Response: 4530943
Conc: 1.07 ng/ml



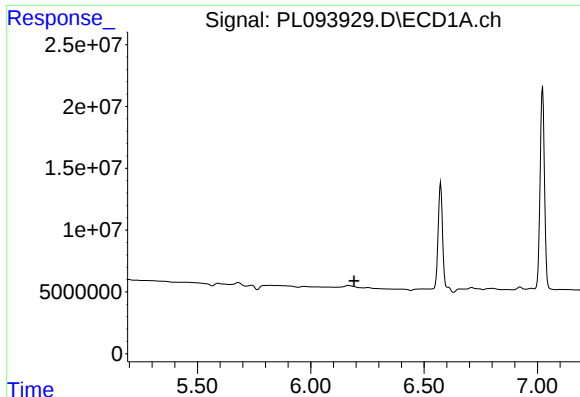
#11 alpha-Chlordane

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



#11 alpha-Chlordane

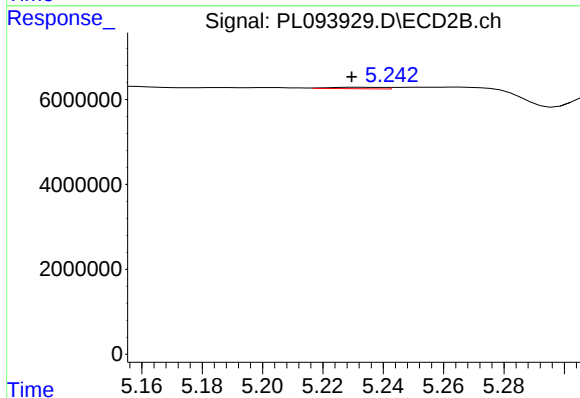
R.T.: 5.058 min
Delta R.T.: 0.018 min
Response: 4838311
Conc: 1.16 ng/ml



#12 4,4'-DDE

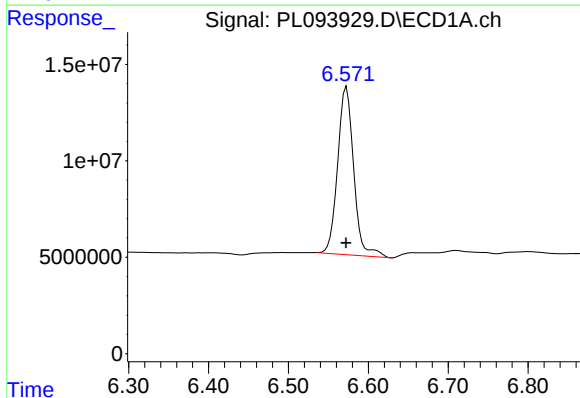
R.T.: 0.000 min
Exp R.T.: 6.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



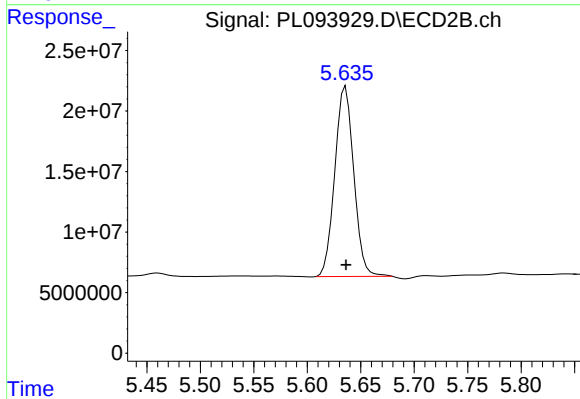
#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.002 min
Response: 431689
Conc: 0.11 ng/ml



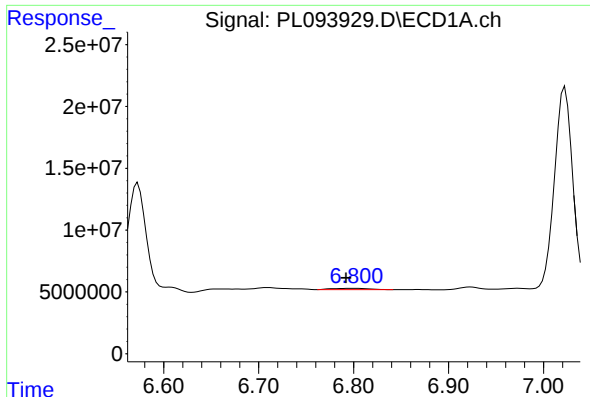
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 121517831
Conc: 51.82 ng/ml



#14 Endrin

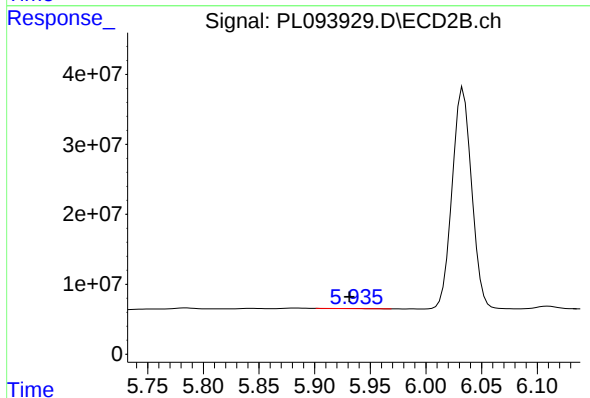
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 194240646
Conc: 52.60 ng/ml



#15 Endosulfan II

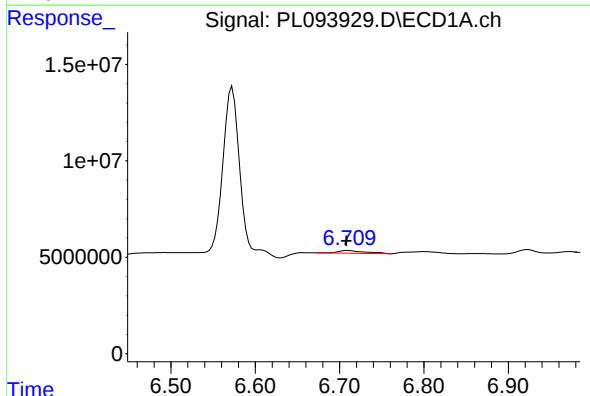
R.T.: 6.802 min
Delta R.T.: 0.010 min
Response: 2883281
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



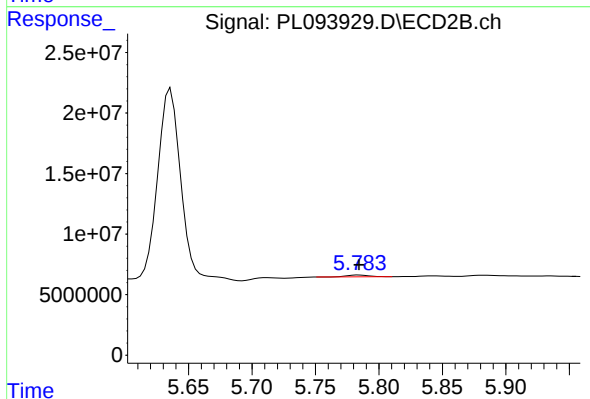
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: 0.004 min
Response: 360774
Conc: 0.10 ng/ml



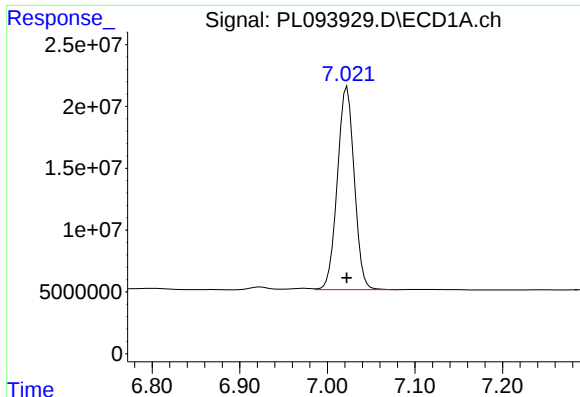
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 3065155
Conc: 1.61 ng/ml



#16 4,4'-DDD

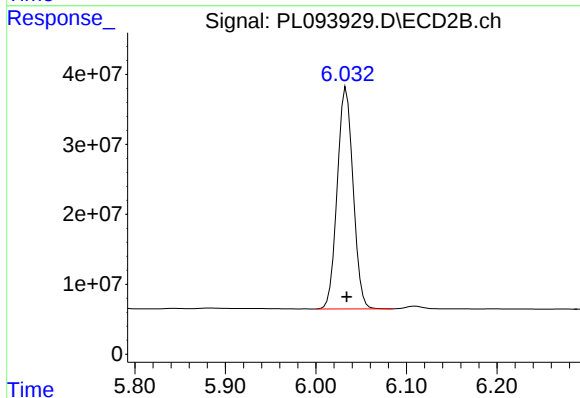
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1766731
Conc: 0.56 ng/ml



#17 4,4'-DDT

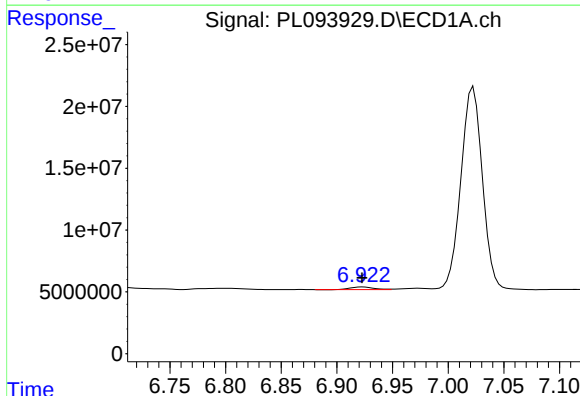
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 220234745
Conc: 111.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



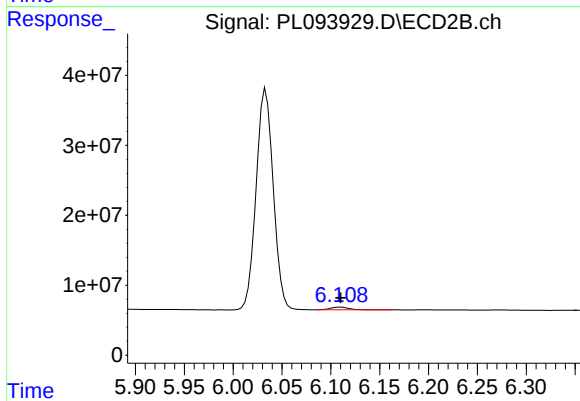
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 385239381
Conc: 118.39 ng/ml



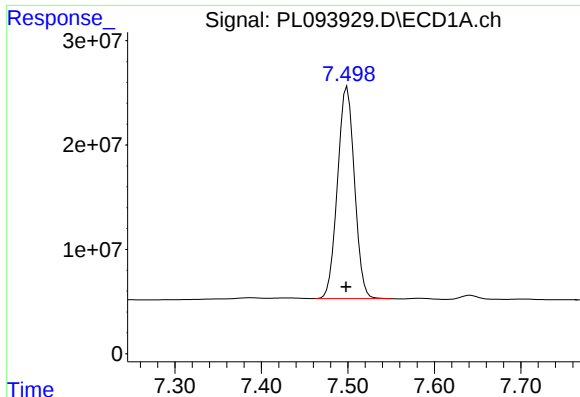
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 3204040
Conc: 1.65 ng/ml



#18 Endrin aldehyde

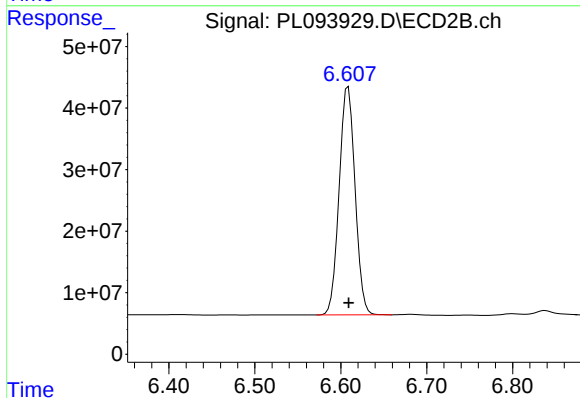
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 5122986
Conc: 1.68 ng/ml



#20 Methoxychlor

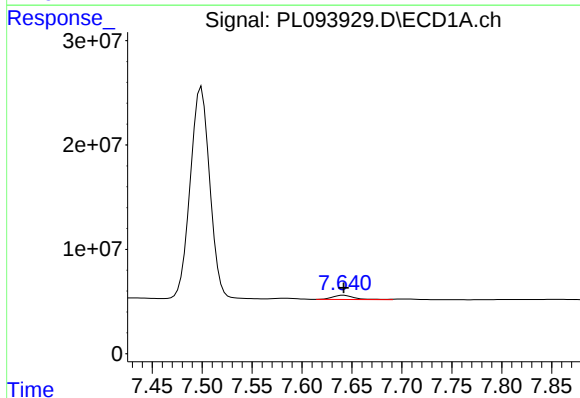
R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 275158888
Conc: 263.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



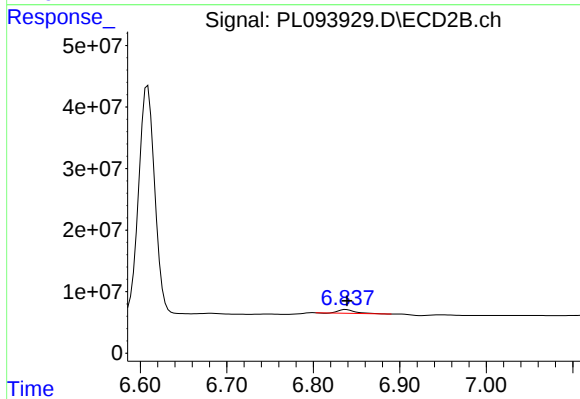
#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 477168648
Conc: 266.85 ng/ml



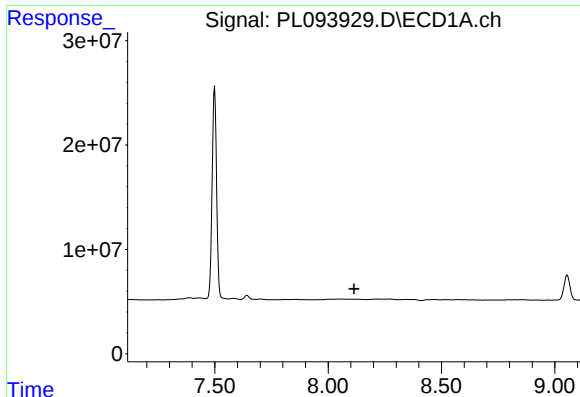
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 6132437
Conc: 2.43 ng/ml



#21 Endrin ketone

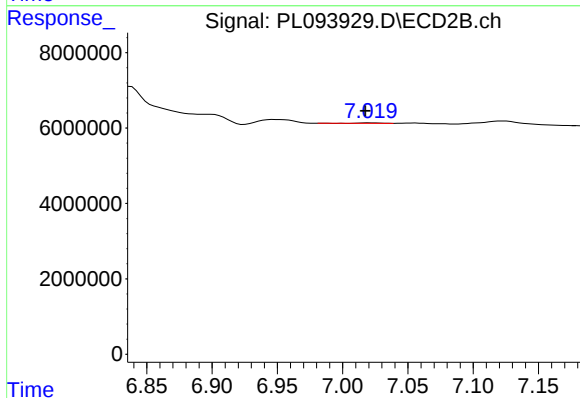
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 7415103
Conc: 1.77 ng/ml



#22 Mirex

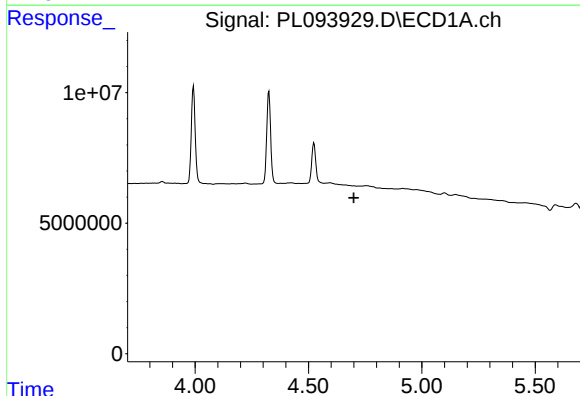
R.T.: 0.000 min
Exp R.T.: 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



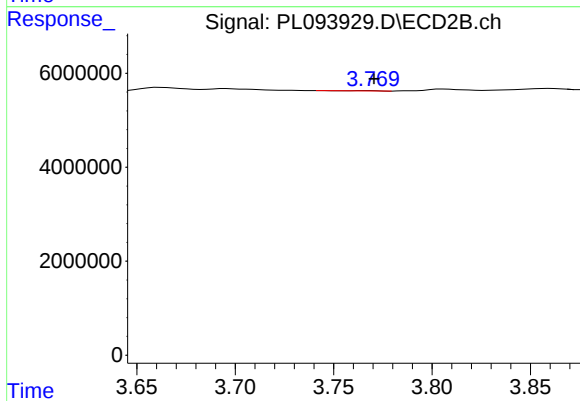
#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.003 min
Response: 102308
Conc: 0.03 ng/ml



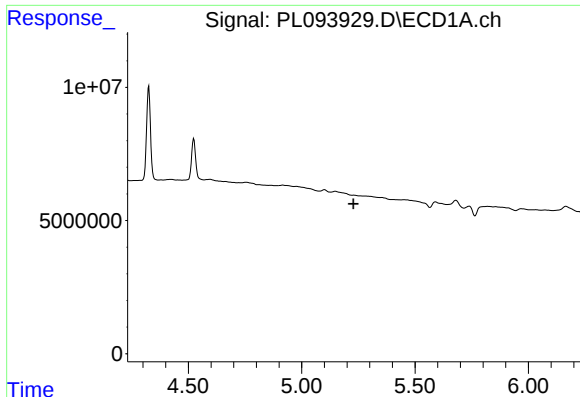
#23 Chlordane-1

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



#23 Chlordane-1

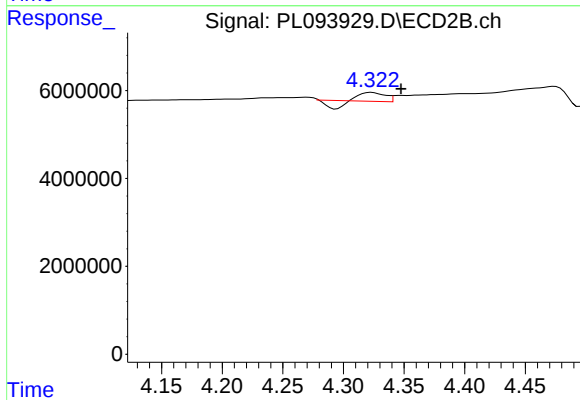
R.T.: 3.768 min
Delta R.T.: -0.003 min
Response: 70027
Conc: 0.56 ng/ml



#24 Chlordane-2

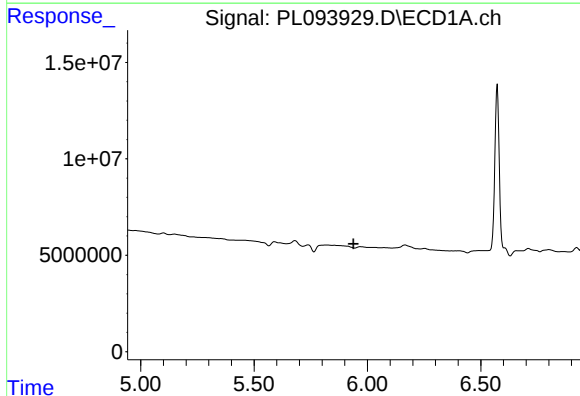
R.T.: 0.000 min
Exp R.T.: 5.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



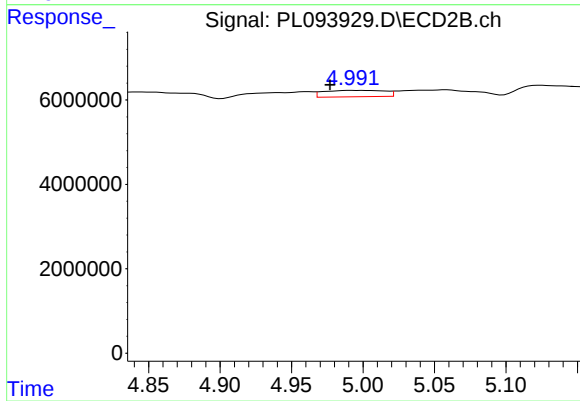
#24 Chlordane-2

R.T.: 4.323 min
Delta R.T.: -0.024 min
Response: 1674775
Conc: 11.41 ng/ml



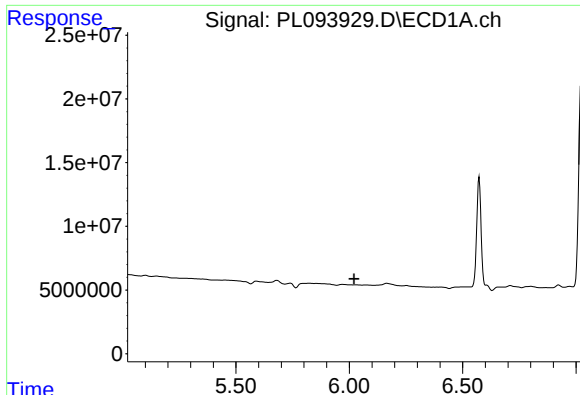
#25 Chlordane-3

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



#25 Chlordane-3

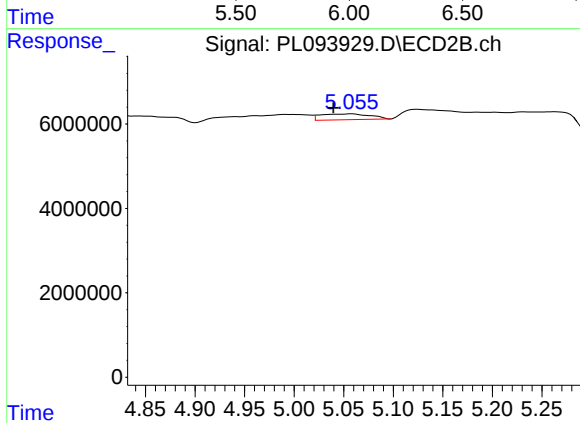
R.T.: 4.992 min
Delta R.T.: 0.015 min
Response: 4530943
Conc: 10.42 ng/ml



#26 Chlordane-4

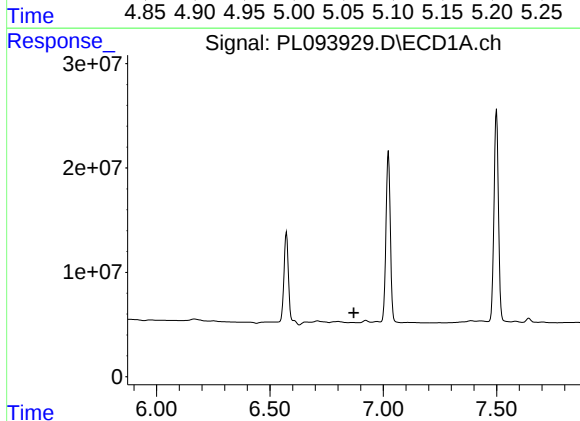
R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



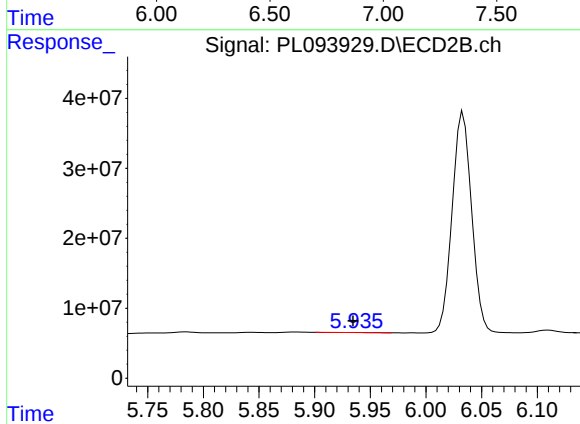
#26 Chlordane-4

R.T.: 5.058 min
Delta R.T.: 0.018 min
Response: 4838311
Conc: 11.42 ng/ml



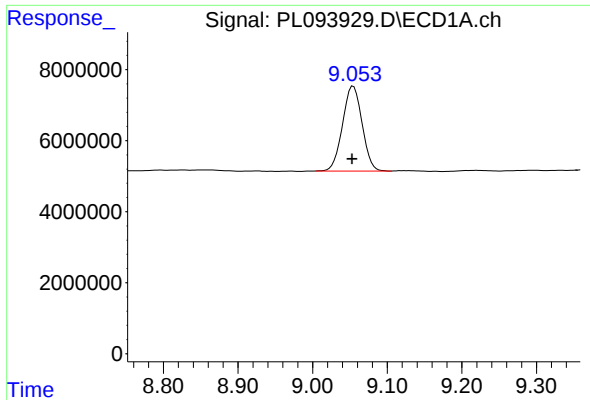
#27 Chlordane-5

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



#27 Chlordane-5

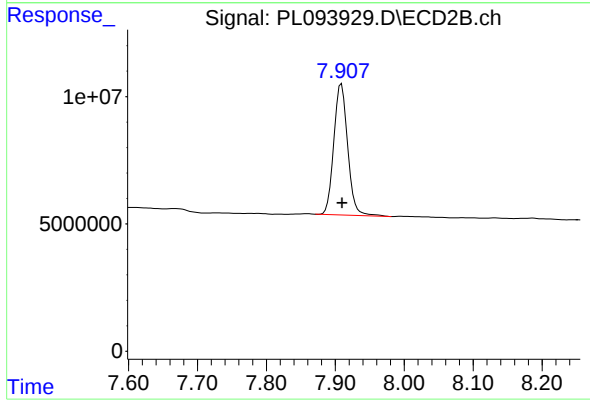
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 360774
Conc: 2.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 43538365
Conc: 20.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.000 min
Response: 71991432
Conc: 20.55 ng/ml