

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062220\
 Data File : PL059390.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2020 11:26
 Operator : AJ\MA
 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: Jun 22 14:12:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062220.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 22 14:09:48 2020
 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...	3.517	4.070	34467018	49454451	19.179	19.161
28)	SA Decachlor...	8.289	9.181	33509405	46451760	19.679	20.288
Target Compounds							
2)	A alpha-BHC	3.958	4.463	22089180	29669243	8.558	8.709
3)	MA gamma-BHC...	4.243	4.750	19495882	26774401	8.549	8.554
4)	MA Heptachlor	0.000	5.259	0	1834055	N.D.	0.566 #
5)	MB Aldrin	0.000	5.601f	0	172987	N.D.	0.056 #
6)	B beta-BHC	4.493	4.918	9955600	13665280	10.454	10.048
8)	B Heptachlo...	5.265f	0.000	60306	0	0.040	N.D. #
9)	A Endosulfan I	5.578	6.298f	140562	740569	0.096	0.273 #
10)	B gamma-Chl...	0.000	6.210f	0	2658931	N.D.	0.908 #
11)	B alpha-Chl...	5.514f	6.280	688217	1431190	0.443	0.486
12)	B 4,4'-DDE	5.692	6.420	264461	392373	0.182	0.145
14)	MA Endrin	6.084	6.796	69887107	112.0E6	45.996	45.336
15)	B Endosulfa...	6.368	7.006	288848	1702069	0.187	0.671 #
16)	A 4,4'-DDD	6.208	6.913	362043	786284	0.277	0.353 #
17)	MA 4,4'-DDT	6.451	7.214	130.6E6	211.1E6	99.027	92.877
18)	B Endrin al...	6.522	7.127	421439	313747	0.319	0.143 #
20)	A Methoxychlor	6.996	7.671	186.7E6	283.1E6	230.309	213.297
21)	B Endrin ke...	7.229	7.824	956043	1332359	0.548	0.516
22)	Mirex	7.410	0.000	368615	0	0.261	N.D. #
23)	Chlordane-1	4.380f	0.000	2038951	0	35.830	N.D. #
24)	Chlordane-2	0.000	5.526f	0	8086788	N.D.	73.675 #
25)	Chlordane-3	0.000	6.210f	0	2658931	N.D.	6.782 #
26)	Chlordane-4	5.514f	6.280	688217	1431190	5.830	3.012 #
27)	Chlordane-5	6.368	0.000	288848	0	5.147	N.D. #

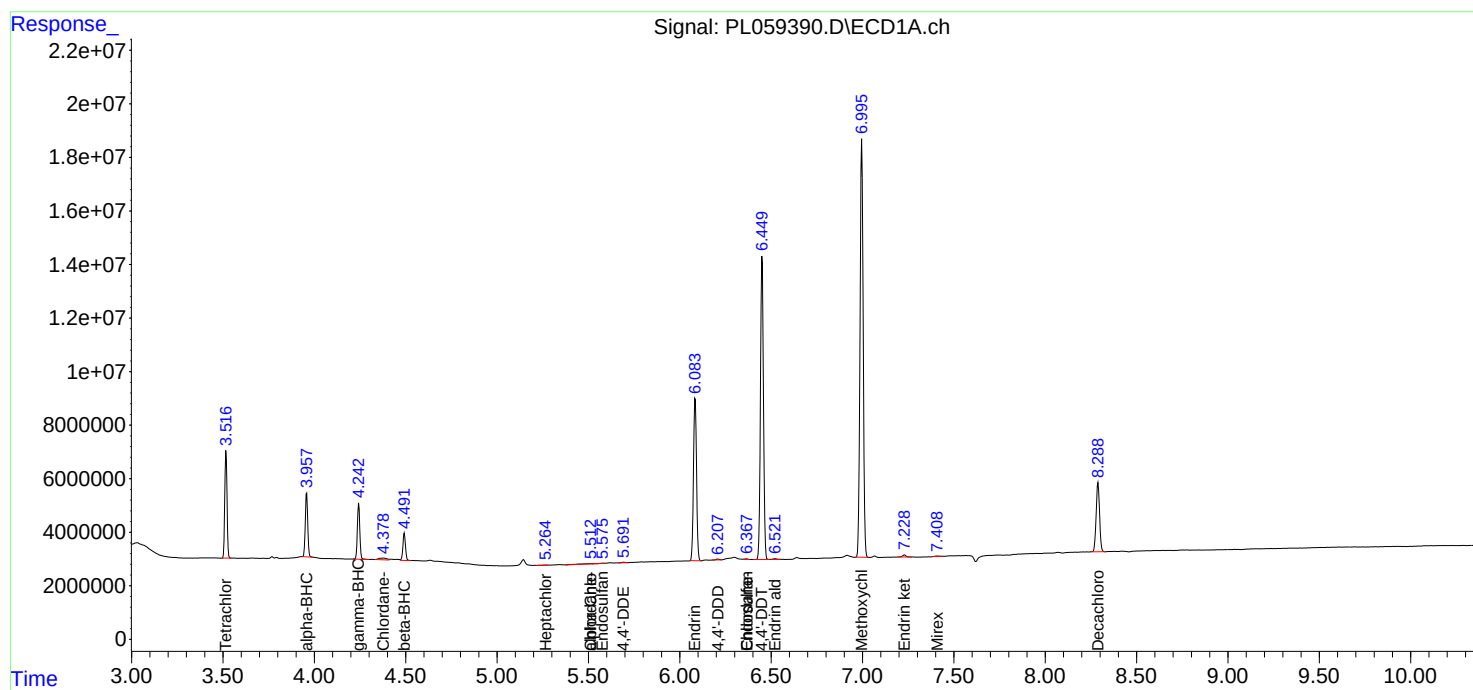
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

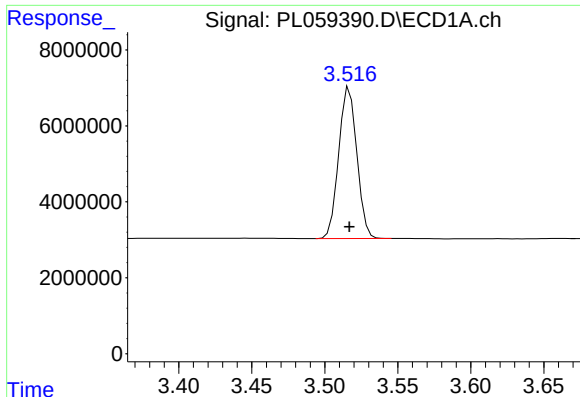
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062220\
Data File : PL059390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 2020 11:26
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 22 14:12:43 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062220.M
Quant Title : GC Extractables
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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

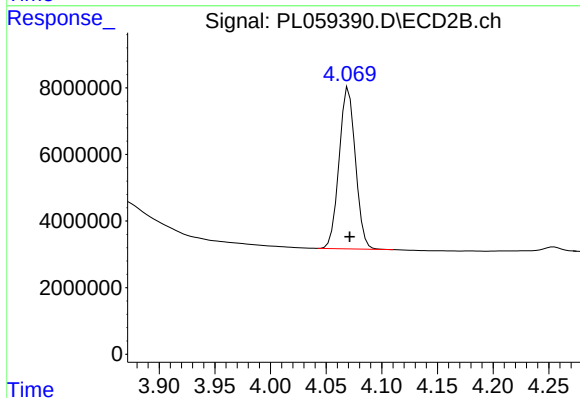




#1 Tetrachloro-m-xylene

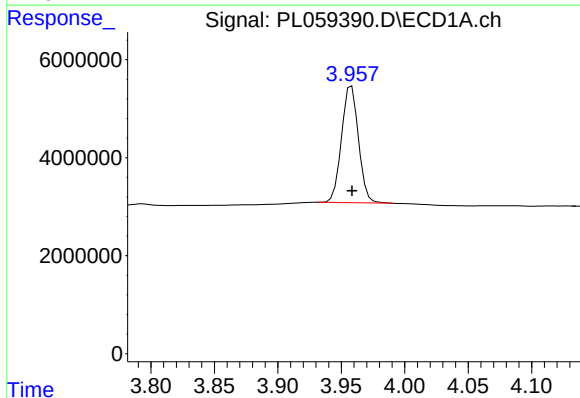
R.T.: 3.517 min
Delta R.T.: 0.000 min
Response: 34467018
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



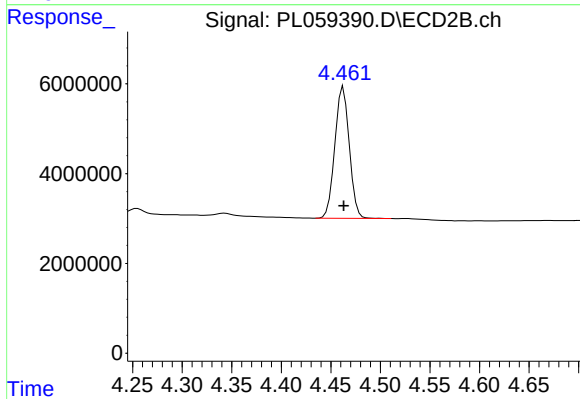
#1 Tetrachloro-m-xylene

R.T.: 4.070 min
Delta R.T.: -0.001 min
Response: 49454451
Conc: 19.16 ng/ml



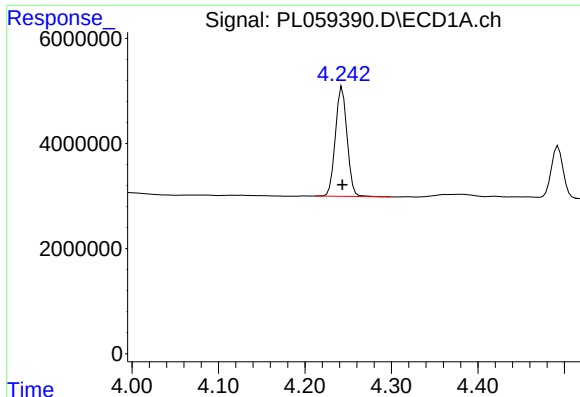
#2 alpha-BHC

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 22089180
Conc: 8.56 ng/ml



#2 alpha-BHC

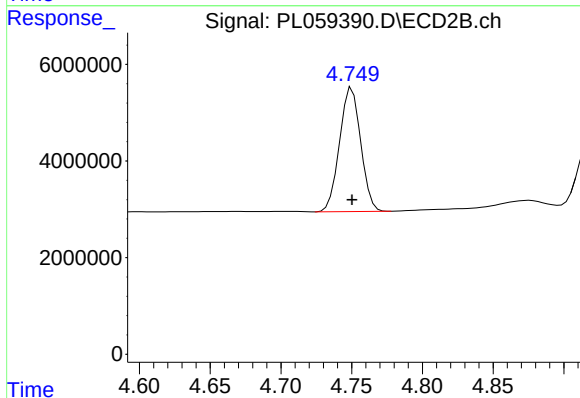
R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 29669243
Conc: 8.71 ng/ml



#3 gamma-BHC (Lindane)

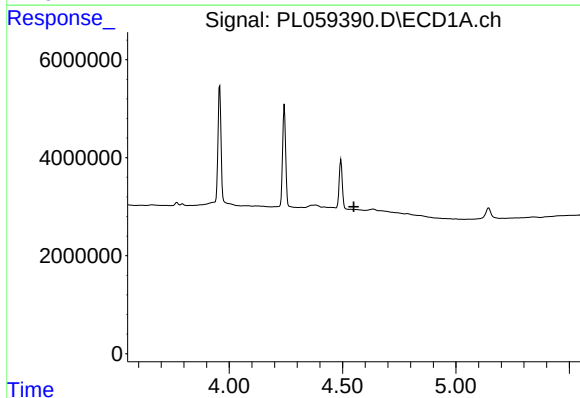
R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 19495882
Conc: 8.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



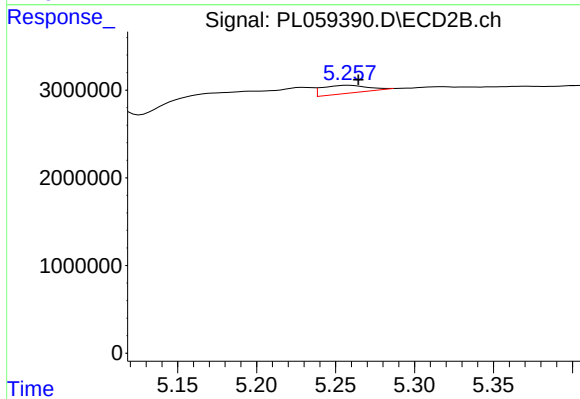
#3 gamma-BHC (Lindane)

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 26774401
Conc: 8.55 ng/ml



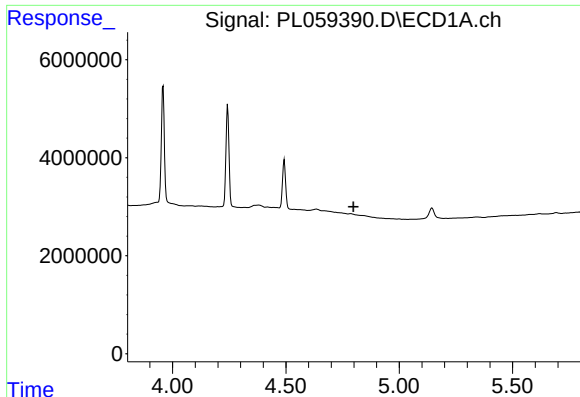
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.549 min
Response: 0
Conc: N.D.



#4 Heptachlor

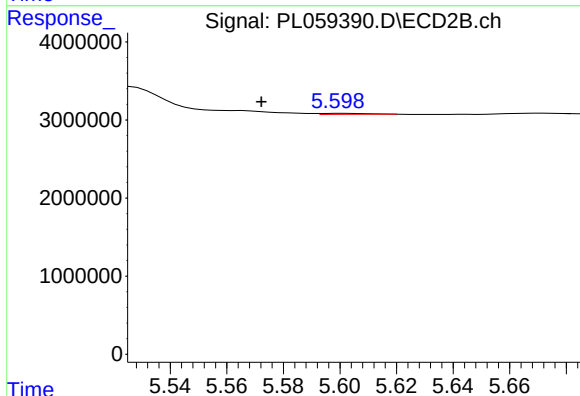
R.T.: 5.259 min
Delta R.T.: -0.006 min
Response: 1834055
Conc: 0.57 ng/ml



#5 Aldrin

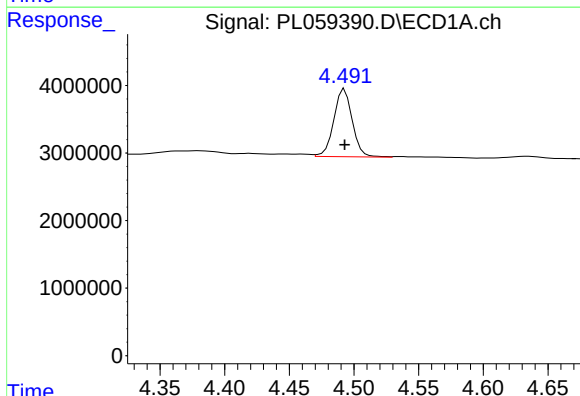
R.T.: 0.000 min
Exp R.T.: 4.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



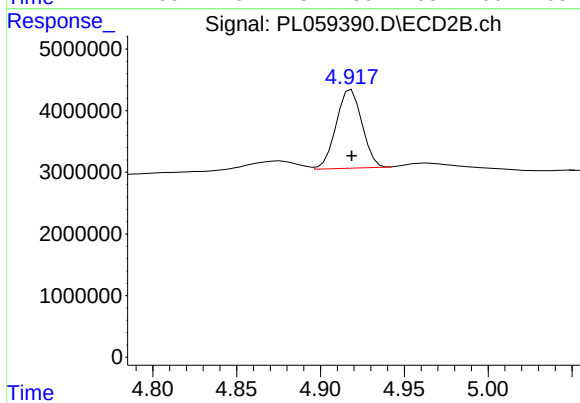
#5 Aldrin

R.T.: 5.601 min
Delta R.T.: 0.028 min
Response: 172987
Conc: 0.06 ng/ml



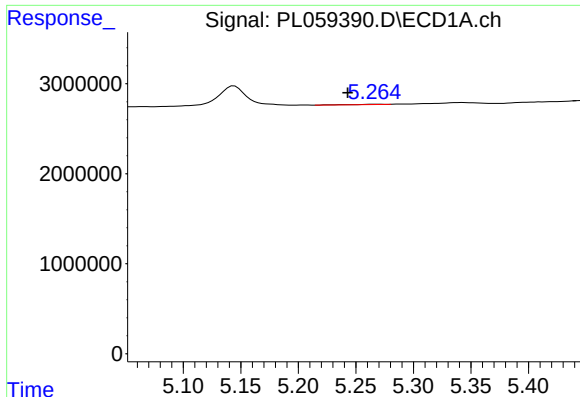
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 9955600
Conc: 10.45 ng/ml



#6 beta-BHC

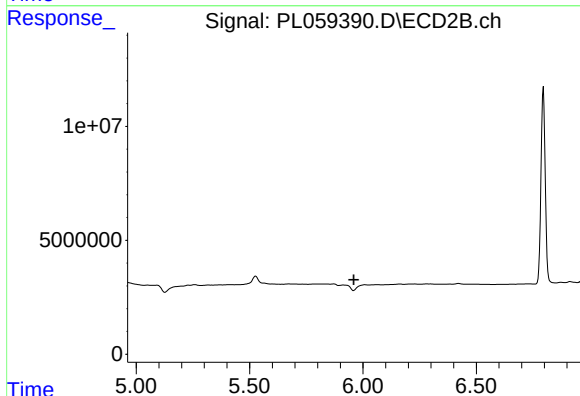
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 13665280
Conc: 10.05 ng/ml



#8 Heptachlor epoxide

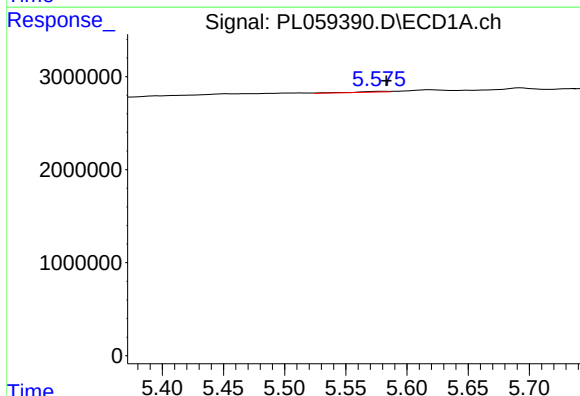
R.T.: 5.265 min
Delta R.T.: 0.022 min
Response: 60306
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



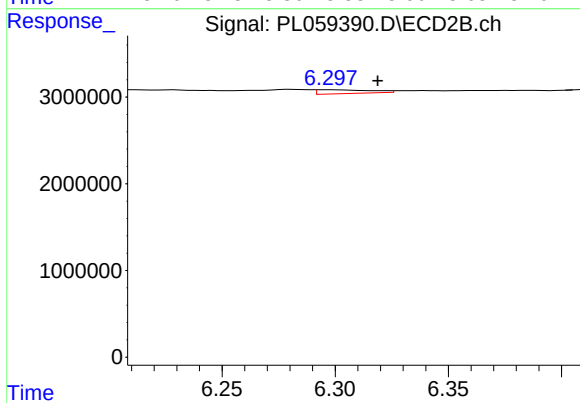
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.



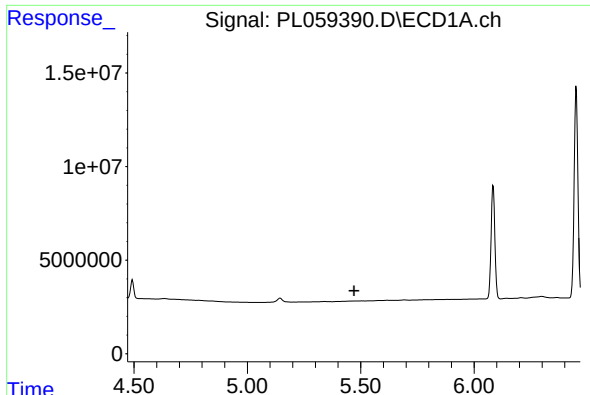
#9 Endosulfan I

R.T.: 5.578 min
Delta R.T.: -0.005 min
Response: 140562
Conc: 0.10 ng/ml



#9 Endosulfan I

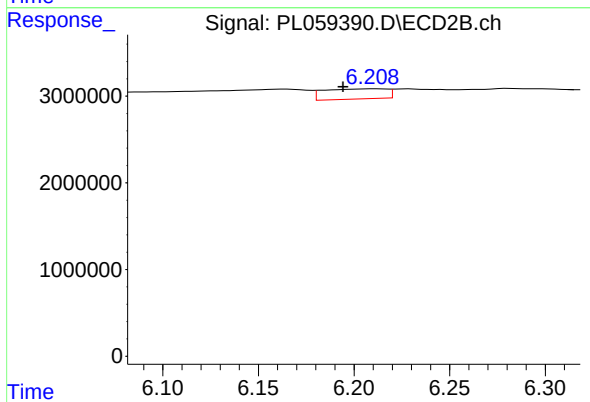
R.T.: 6.298 min
Delta R.T.: -0.021 min
Response: 740569
Conc: 0.27 ng/ml



#10 gamma-Chlordane

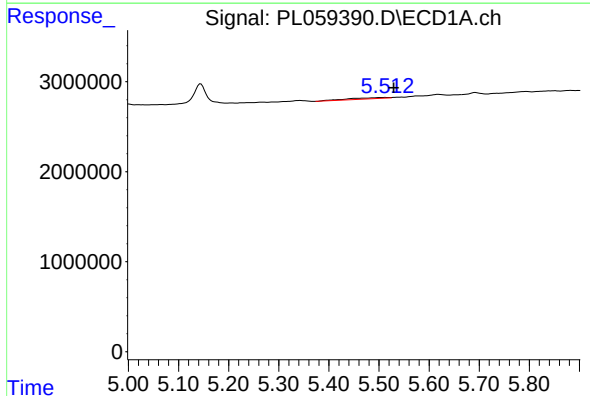
R.T.: 0.000 min
Exp R.T.: 5.471 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



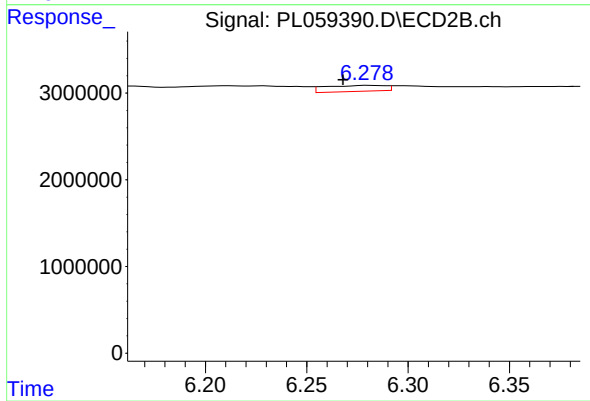
#10 gamma-Chlordane

R.T.: 6.210 min
Delta R.T.: 0.016 min
Response: 2658931
Conc: 0.91 ng/ml



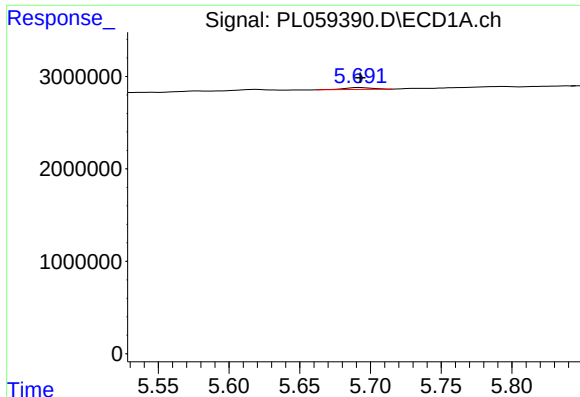
#11 alpha-Chlordane

R.T.: 5.514 min
Delta R.T.: -0.016 min
Response: 688217
Conc: 0.44 ng/ml



#11 alpha-Chlordane

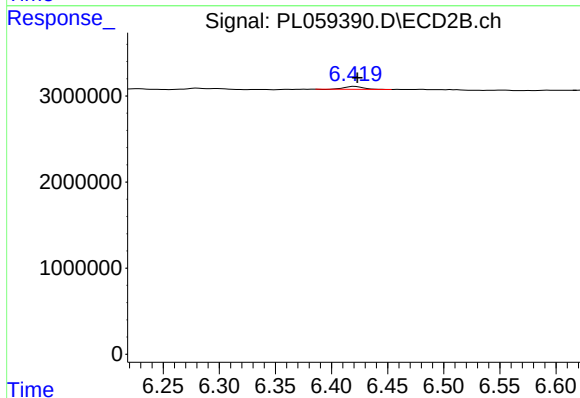
R.T.: 6.280 min
Delta R.T.: 0.012 min
Response: 1431190
Conc: 0.49 ng/ml



#12 4,4'-DDE

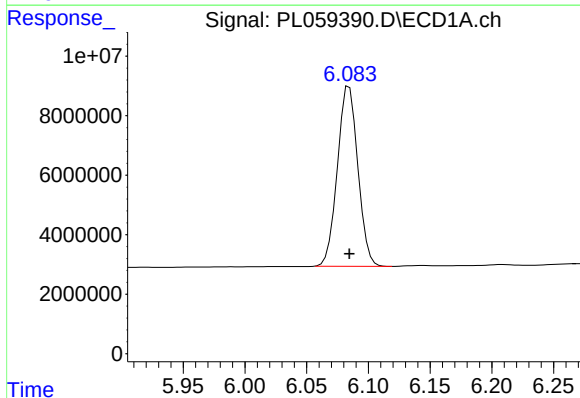
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 264461
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



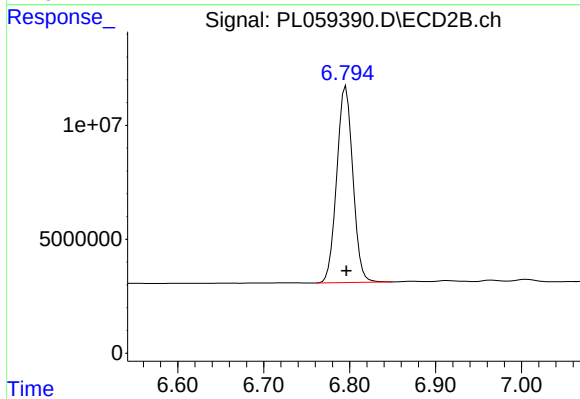
#12 4,4'-DDE

R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 392373
Conc: 0.15 ng/ml



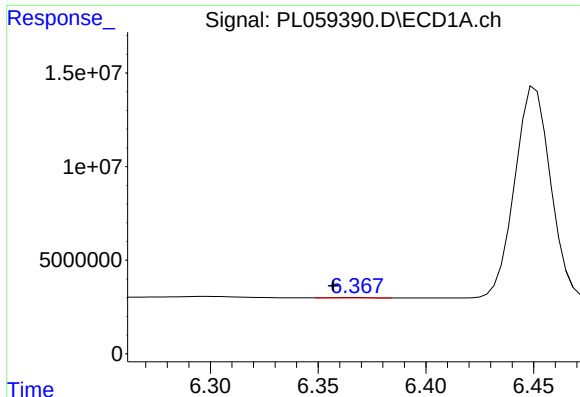
#14 Endrin

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 69887107
Conc: 46.00 ng/ml



#14 Endrin

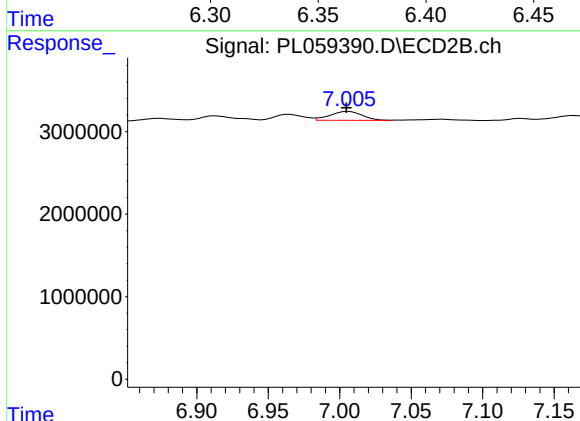
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 111990548
Conc: 45.34 ng/ml



#15 Endosulfan II

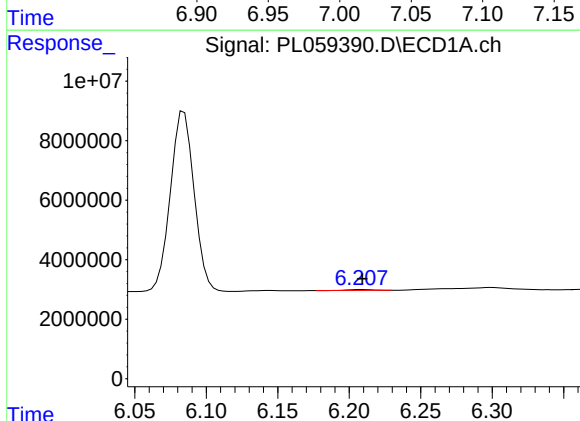
R.T.: 6.368 min
Delta R.T.: 0.011 min
Response: 288848
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



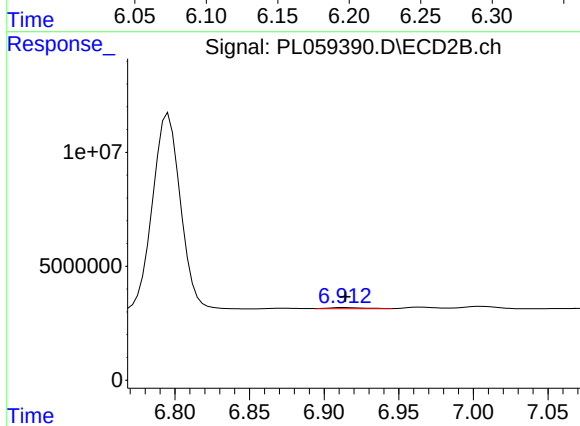
#15 Endosulfan II

R.T.: 7.006 min
Delta R.T.: 0.001 min
Response: 1702069
Conc: 0.67 ng/ml



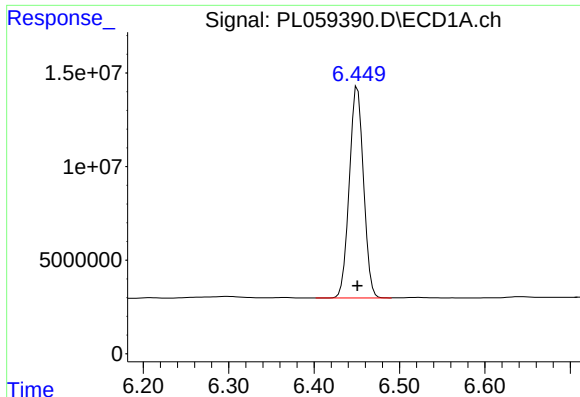
#16 4,4'-DDD

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 362043
Conc: 0.28 ng/ml



#16 4,4'-DDD

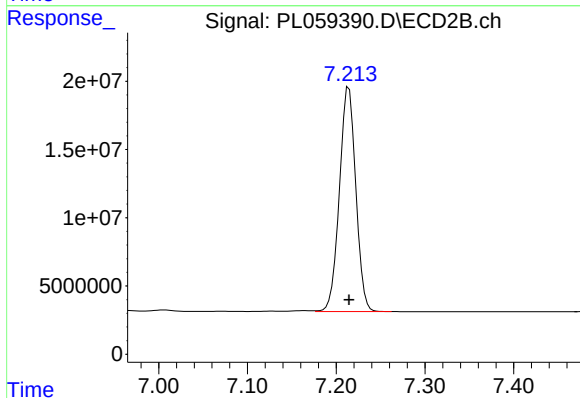
R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 786284
Conc: 0.35 ng/ml



#17 4,4'-DDT

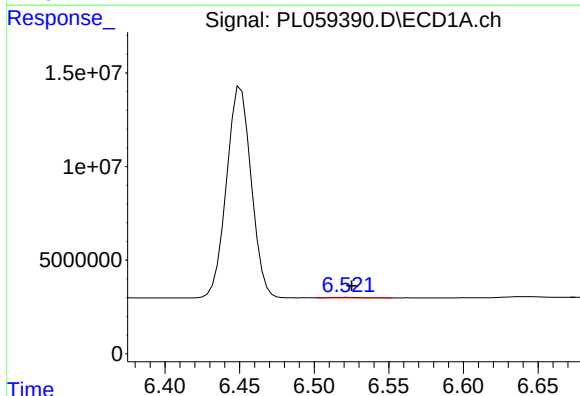
R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 130571791
Conc: 99.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



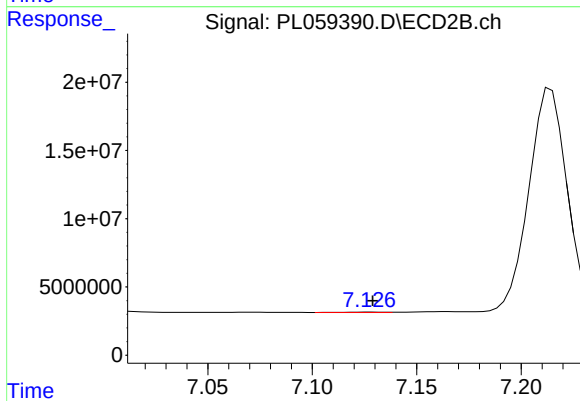
#17 4,4'-DDT

R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 211110350
Conc: 92.88 ng/ml



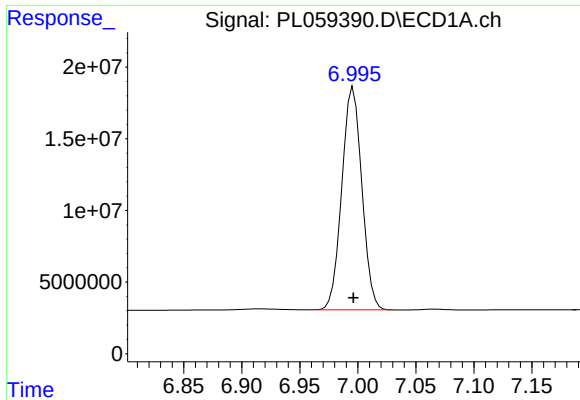
#18 Endrin aldehyde

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 421439
Conc: 0.32 ng/ml



#18 Endrin aldehyde

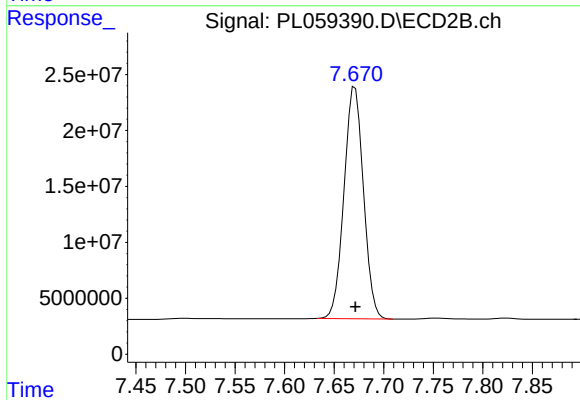
R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 313747
Conc: 0.14 ng/ml



#20 Methoxychlor

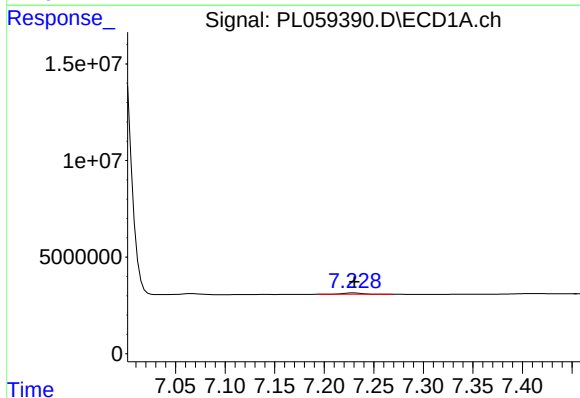
R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 186651166
Conc: 230.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



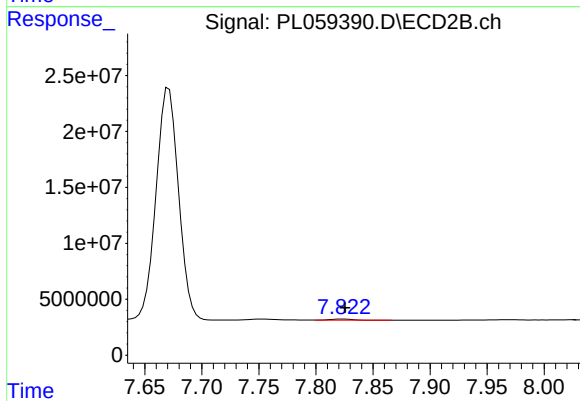
#20 Methoxychlor

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 283143393
Conc: 213.30 ng/ml



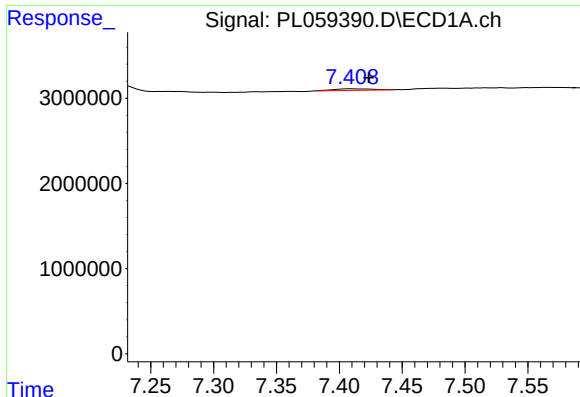
#21 Endrin ketone

R.T.: 7.229 min
Delta R.T.: -0.001 min
Response: 956043
Conc: 0.55 ng/ml



#21 Endrin ketone

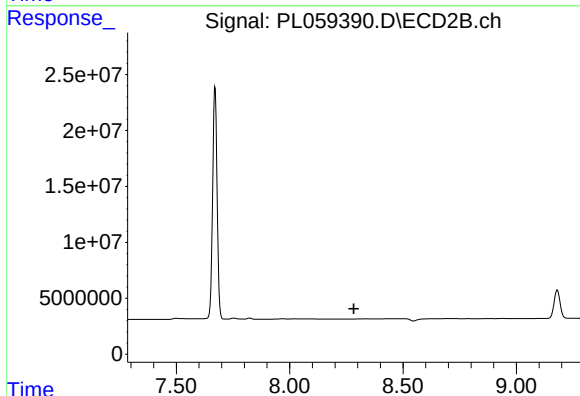
R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 1332359
Conc: 0.52 ng/ml



#22 Mirex

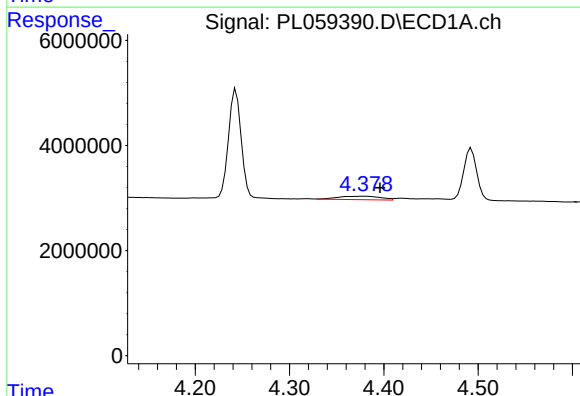
R.T.: 7.410 min
Delta R.T.: -0.014 min
Response: 368615
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



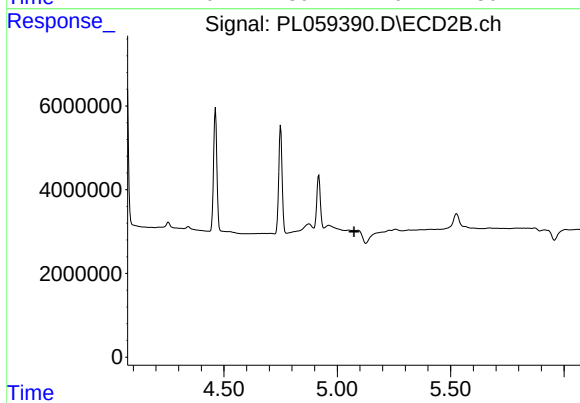
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.283 min
Response: 0
Conc: N.D.



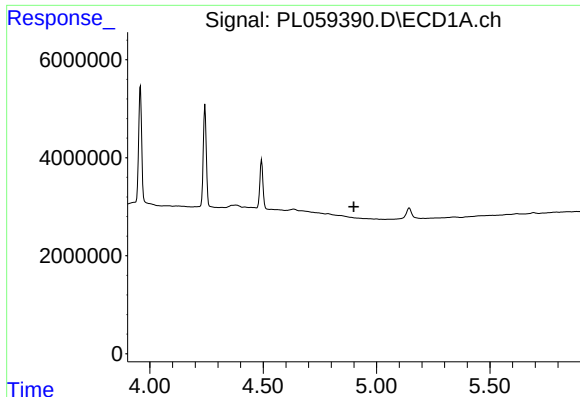
#23 Chlordane-1

R.T.: 4.380 min
Delta R.T.: -0.017 min
Response: 2038951
Conc: 35.83 ng/ml



#23 Chlordane-1

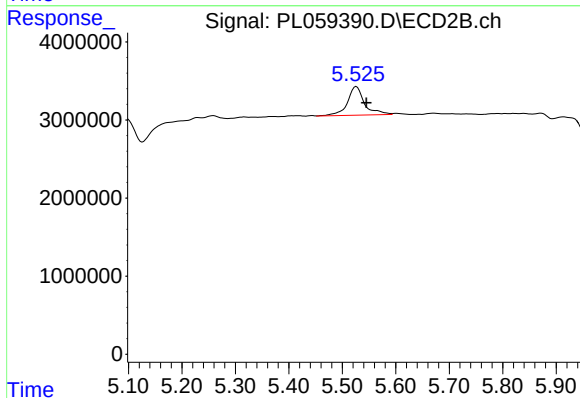
R.T.: 0.000 min
Exp R.T. : 5.075 min
Response: 0
Conc: N.D.



#24 Chlordane-2

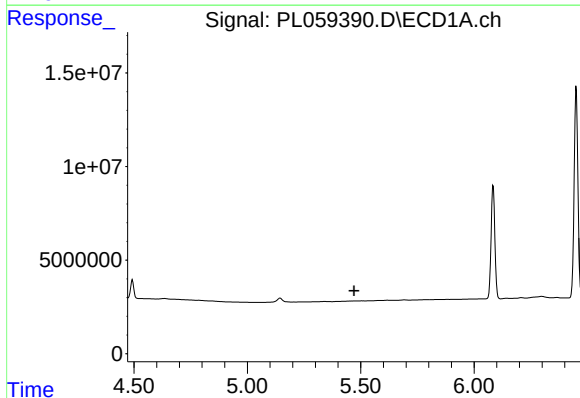
R.T.: 0.000 min
Exp R.T.: 4.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



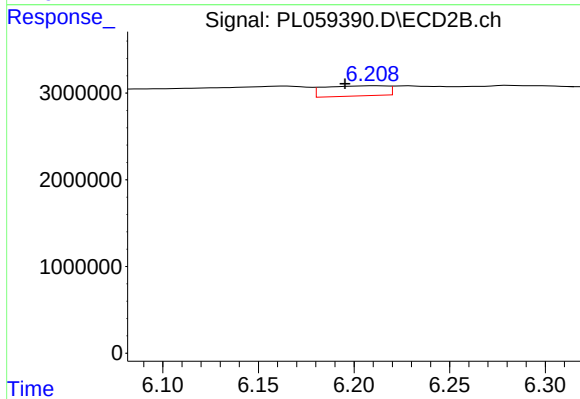
#24 Chlordane-2

R.T.: 5.526 min
Delta R.T.: -0.019 min
Response: 8086788
Conc: 73.67 ng/ml



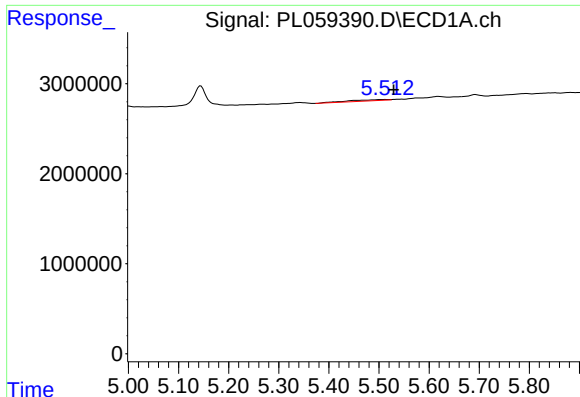
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.471 min
Response: 0
Conc: N.D.



#25 Chlordane-3

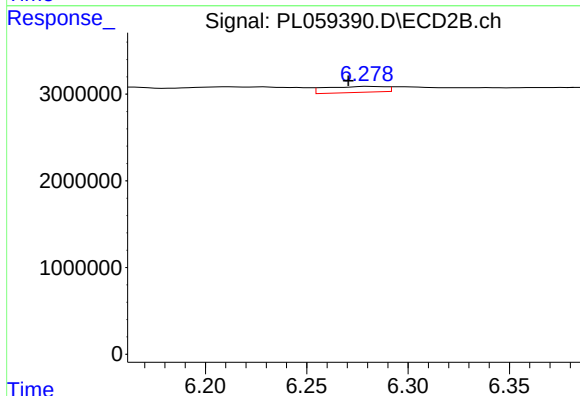
R.T.: 6.210 min
Delta R.T.: 0.015 min
Response: 2658931
Conc: 6.78 ng/ml



#26 Chlordane-4

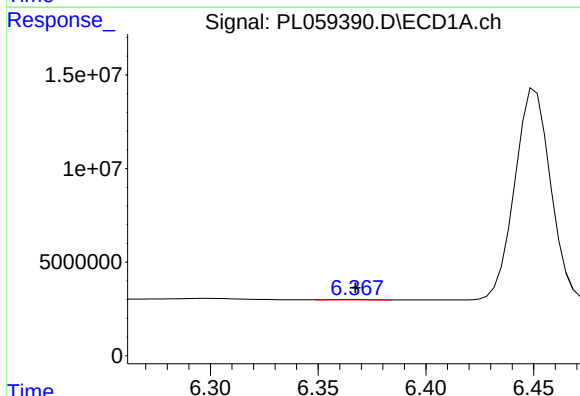
R.T.: 5.514 min
Delta R.T.: -0.016 min
Response: 688217
Conc: 5.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



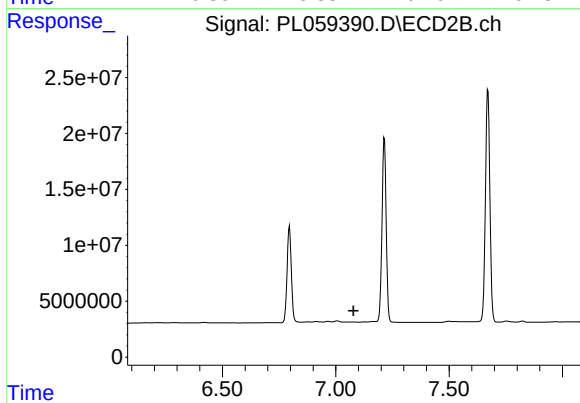
#26 Chlordane-4

R.T.: 6.280 min
Delta R.T.: 0.010 min
Response: 1431190
Conc: 3.01 ng/ml



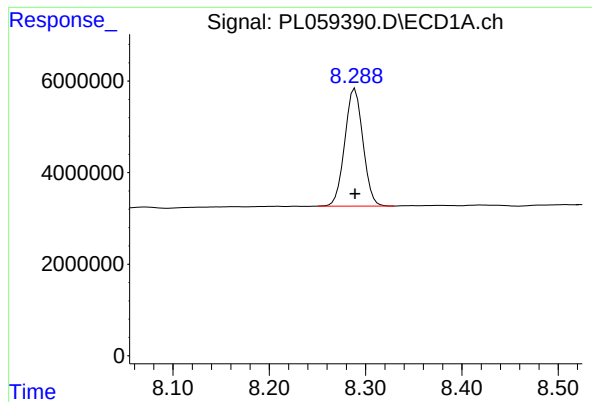
#27 Chlordane-5

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 288848
Conc: 5.15 ng/ml



#27 Chlordane-5

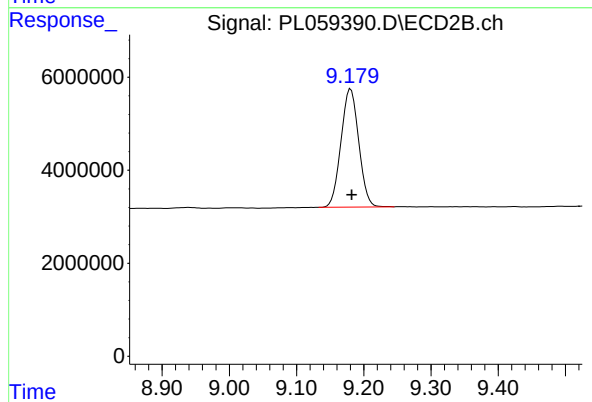
R.T.: 0.000 min
Exp R.T.: 7.079 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 33509405
Conc: 19.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.181 min
Delta R.T.: -0.002 min
Response: 46451760
Conc: 20.29 ng/ml