

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
 Data File : PL089399.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2024 10:21
 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: May 08 22:08:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.551	2.797	45380681	29232870	22.536	22.784
28)	SA Decachlor...	9.069	7.950	30879082	29266114	22.072	21.756
Target Compounds							
2)	A alpha-BHC	4.007	3.302	33909005	19796882	11.890	10.492
3)	MA gamma-BHC...	4.339	3.633	32322100	18771147	11.610	10.173
4)	MA Heptachlor	4.919	4.001f	33026	25667	0.013	0.015
5)	MB Aldrin	5.275	4.269	119754	159561	0.047	0.090 #
6)	B beta-BHC	4.534	3.931	14998058	9912382	11.889	12.141
7)	B delta-BHC	0.000	4.162	0	74761	N.D.	0.042 #
8)	B Heptachlo...	5.684	4.767	1783419	30947	0.760	0.019 #
9)	A Endosulfan I	6.067	5.120	484037	99775	0.225	0.067 #
10)	B gamma-Chl...	5.969f	5.016	374253	1663517	0.164	1.014 #
11)	B alpha-Chl...	6.031	5.066	235337	79167	0.103	0.048 #
12)	B 4,4'-DDE	6.205	5.265	1039356	363336	0.514	0.250 #
13)	MA Dieldrin	6.380f	0.000	1818751	0	0.813	N.D. #
14)	MA Endrin	6.587	5.671	92421417	77292746	48.788	53.762
15)	B Endosulfa...	6.781f	5.980f	241637	958104	0.121	0.666 #
16)	A 4,4'-DDD	6.721	5.818	4737283	2621771	2.808	2.126
17)	MA 4,4'-DDT	7.036	6.070	161.0E6	148.4E6	87.549	109.720 #
18)	B Endrin al...	6.935	6.145	3486812	2407050	2.306	2.164
19)	B Endosulfa...	7.164	6.366	159192	84233	0.088	0.061 #
20)	A Methoxychlor	7.510	6.645	202.4E6	189.1E6	205.784	236.533
21)	B Endrin ke...	7.654	6.872	6030129	4265091	3.013	2.667
22)	Mirex	8.110	7.078f	15651	25265	0.010	0.019 #
23)	Chlordane-1	0.000	3.795	0	13728	N.D.	0.279 #
24)	Chlordane-2	5.239	4.387	68804	108464	0.655	1.705 #
25)	Chlordane-3	5.969f	5.016	374253	1663517	1.133	9.716 #
26)	Chlordane-4	6.031	5.066	235337	79167	0.577	0.492
27)	Chlordane-5	0.000	5.742	0	227243	N.D.	4.440 #

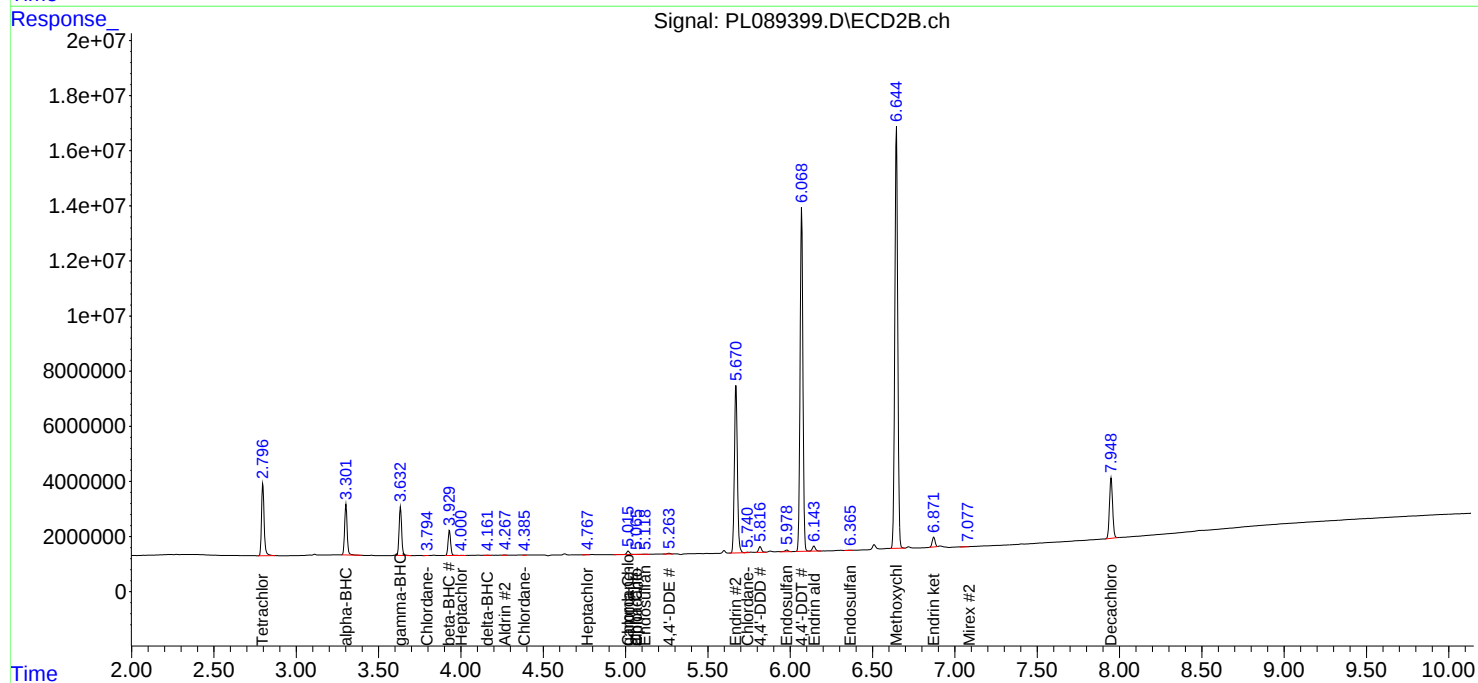
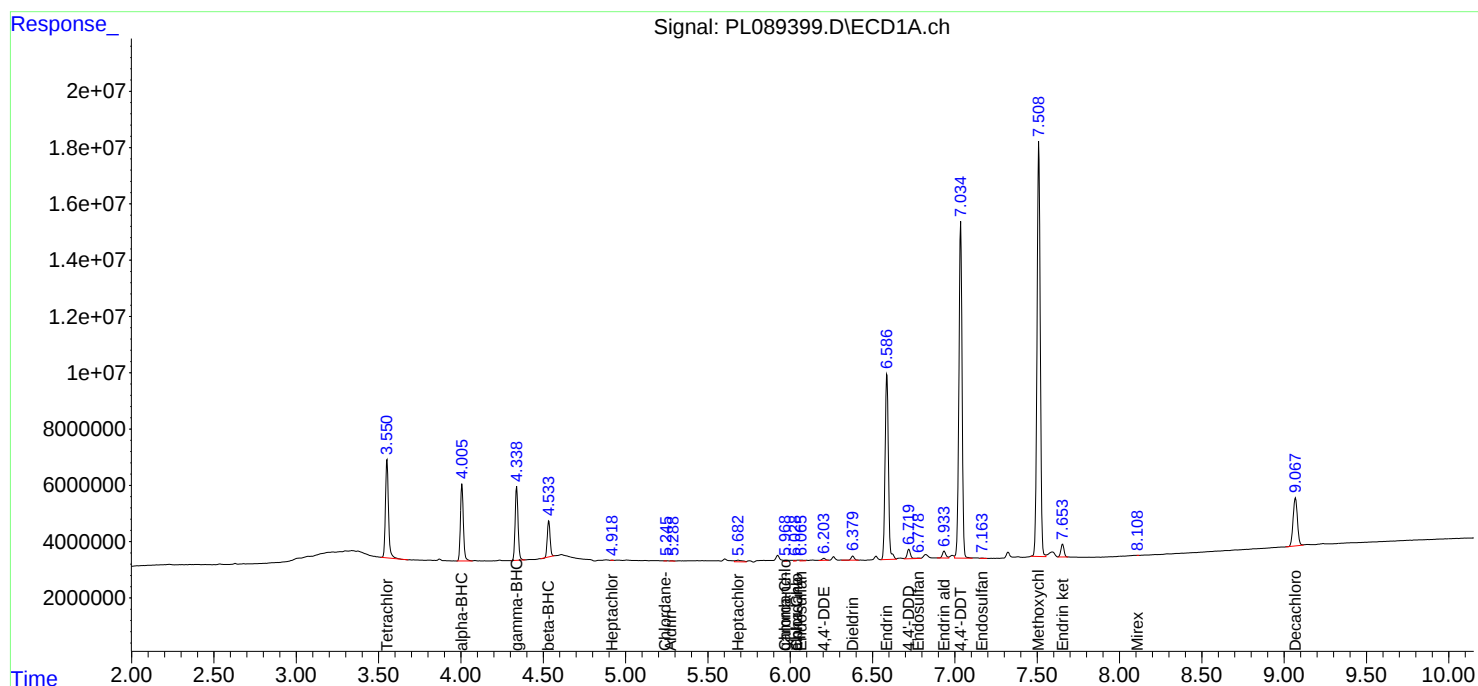
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

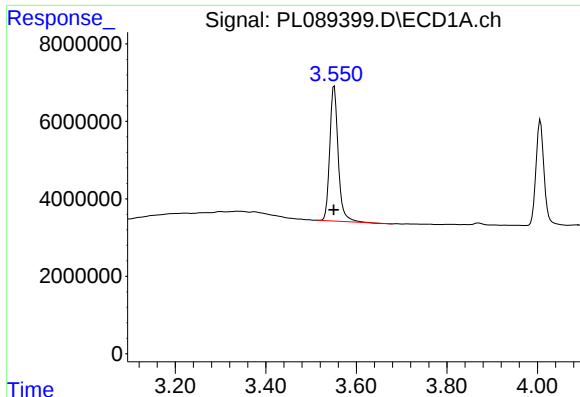
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
Data File : PL089399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2024 10:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 22:08:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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

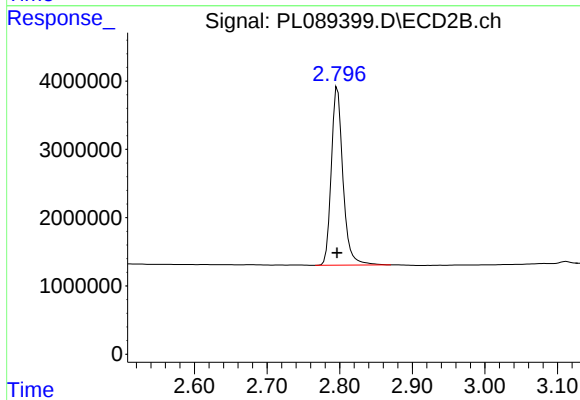




#1 Tetrachloro-m-xylene

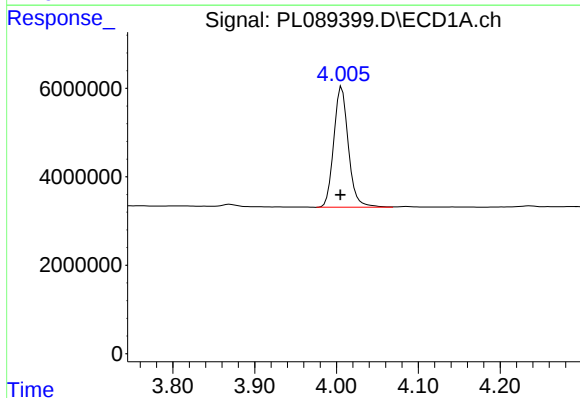
R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 45380681
Conc: 22.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



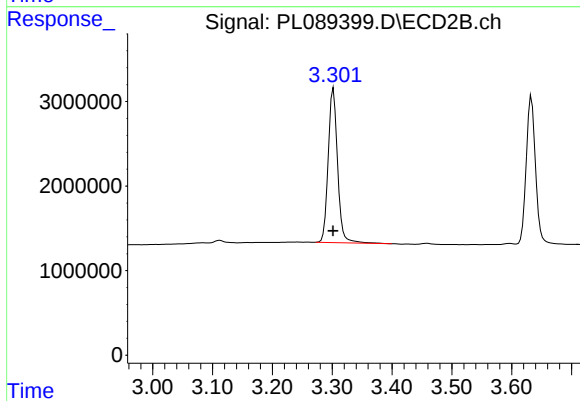
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29232870
Conc: 22.78 ng/ml



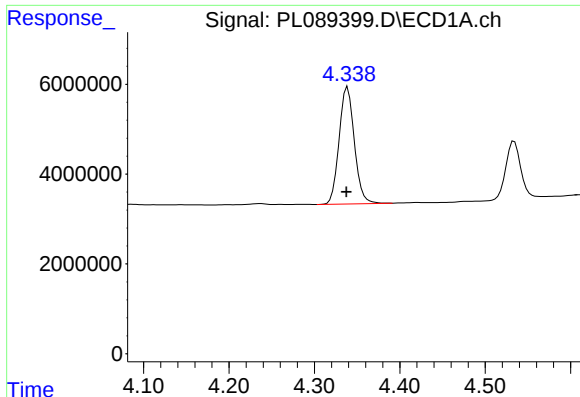
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 33909005
Conc: 11.89 ng/ml



#2 alpha-BHC

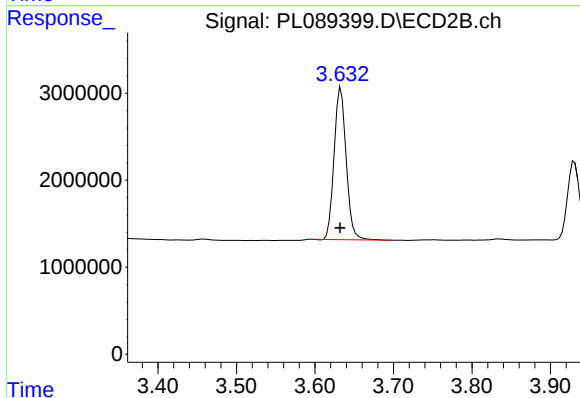
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 19796882
Conc: 10.49 ng/ml



#3 gamma-BHC (Lindane)

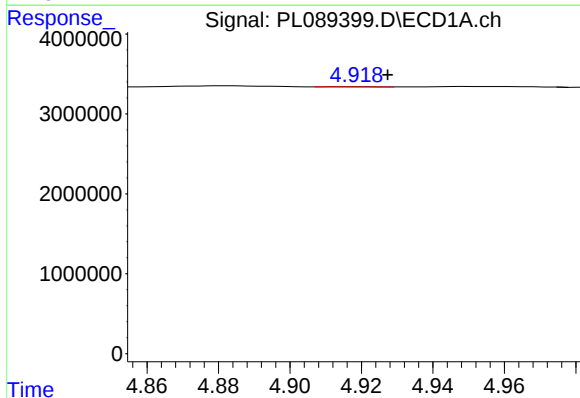
R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 32322100
Conc: 11.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



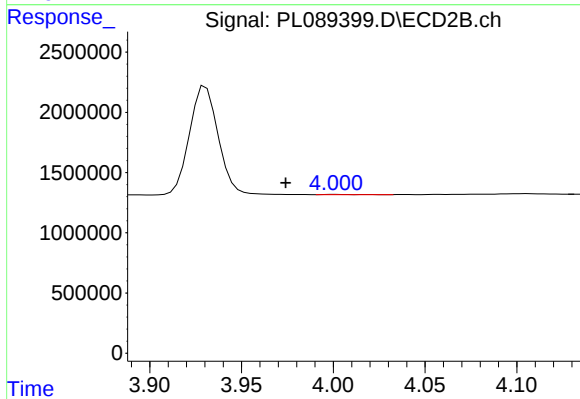
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.001 min
Response: 18771147
Conc: 10.17 ng/ml



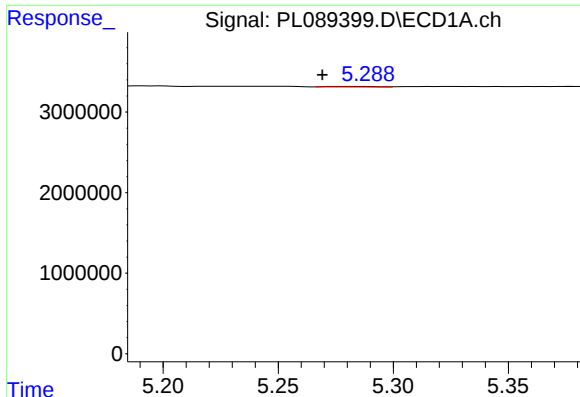
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.008 min
Response: 33026
Conc: 0.01 ng/ml



#4 Heptachlor

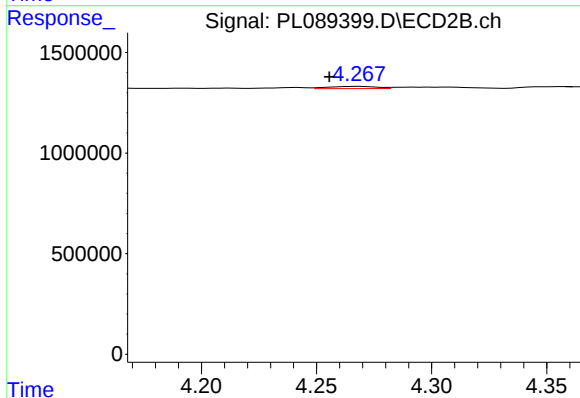
R.T.: 4.001 min
Delta R.T.: 0.027 min
Response: 25667
Conc: 0.01 ng/ml



#5 Aldrin

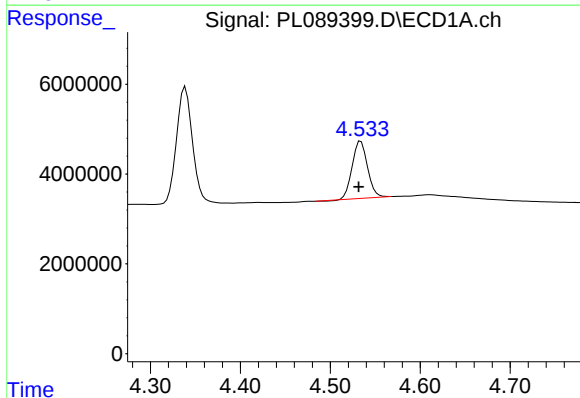
R.T.: 5.275 min
Delta R.T.: 0.006 min
Response: 119754
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



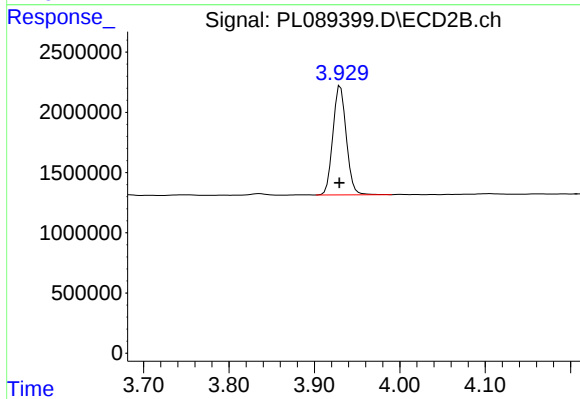
#5 Aldrin

R.T.: 4.269 min
Delta R.T.: 0.013 min
Response: 159561
Conc: 0.09 ng/ml



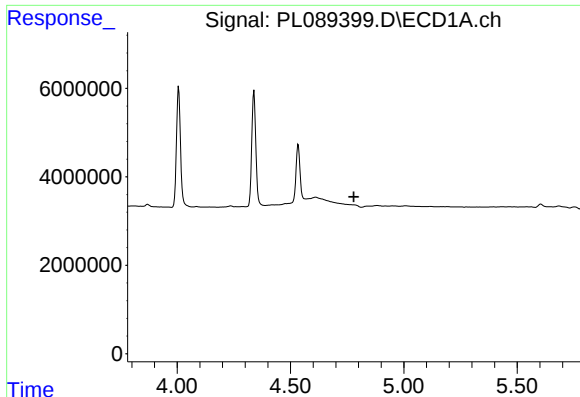
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 14998058
Conc: 11.89 ng/ml



#6 beta-BHC

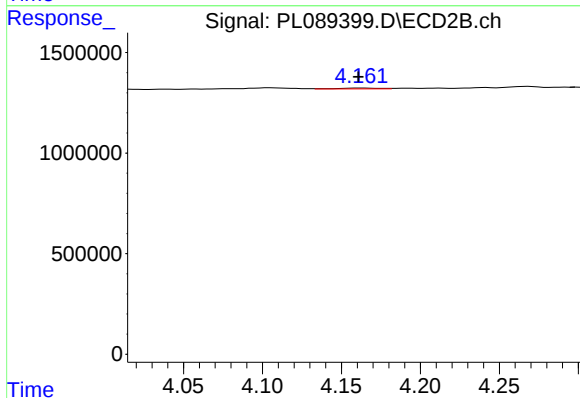
R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 9912382
Conc: 12.14 ng/ml



#7 delta-BHC

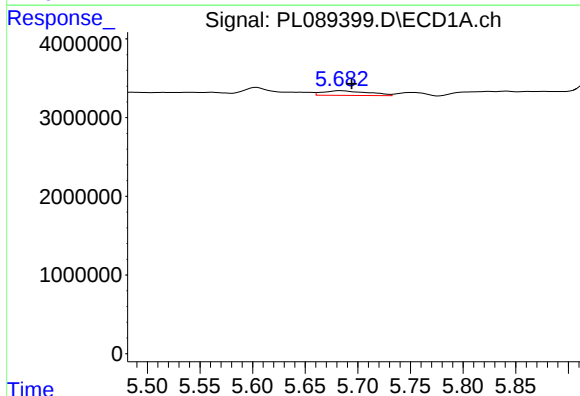
R.T.: 0.000 min
Exp R.T.: 4.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



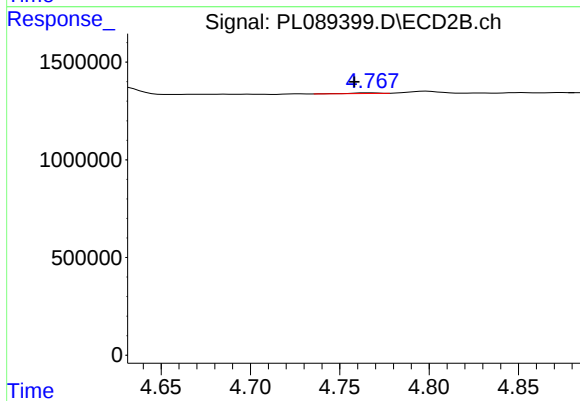
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.002 min
Response: 74761
Conc: 0.04 ng/ml



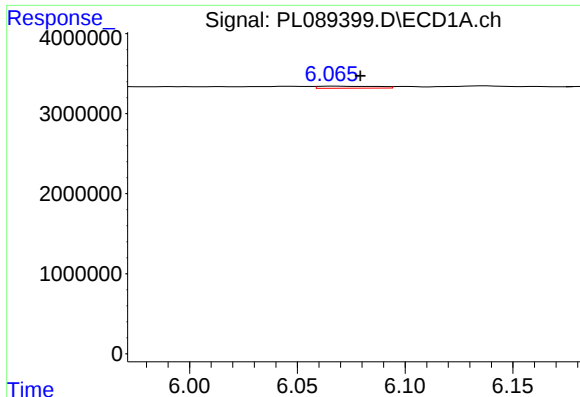
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.010 min
Response: 1783419
Conc: 0.76 ng/ml



#8 Heptachlor epoxide

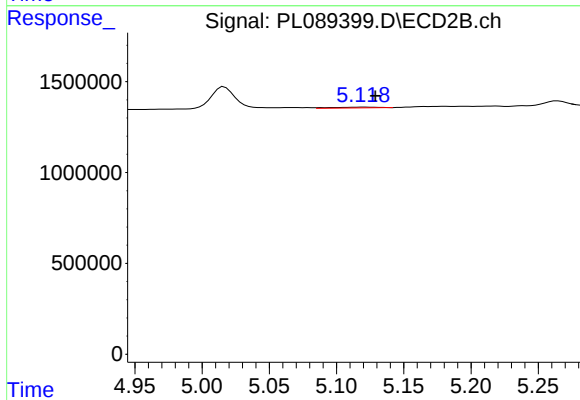
R.T.: 4.767 min
Delta R.T.: 0.009 min
Response: 30947
Conc: 0.02 ng/ml



#9 Endosulfan I

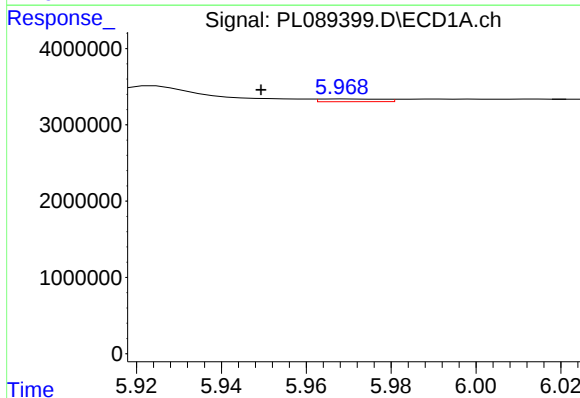
R.T.: 6.067 min
Delta R.T.: -0.012 min
Response: 484037
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



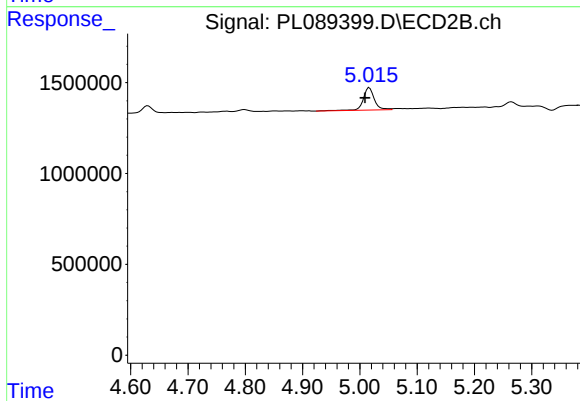
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 99775
Conc: 0.07 ng/ml



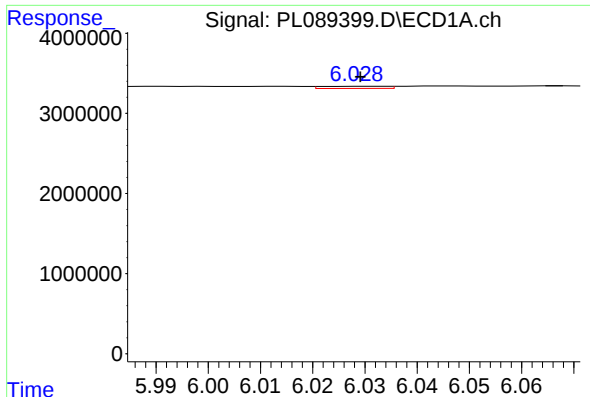
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.020 min
Response: 374253
Conc: 0.16 ng/ml



#10 gamma-Chlordane

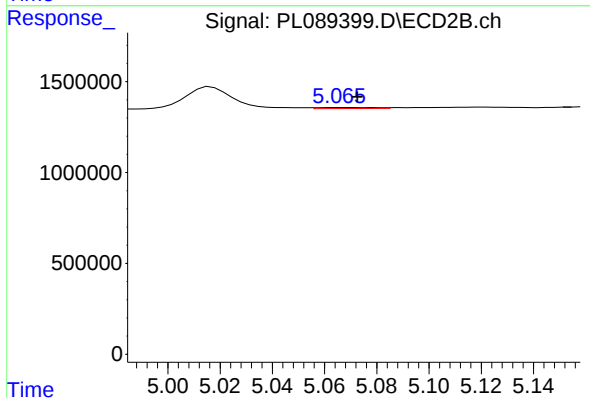
R.T.: 5.016 min
Delta R.T.: 0.008 min
Response: 1663517
Conc: 1.01 ng/ml



#11 alpha-Chlordane

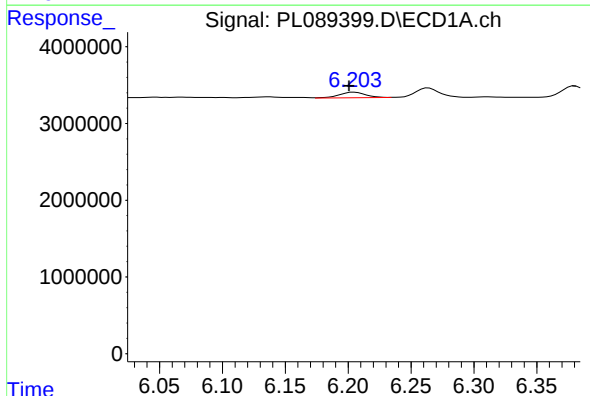
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 235337
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



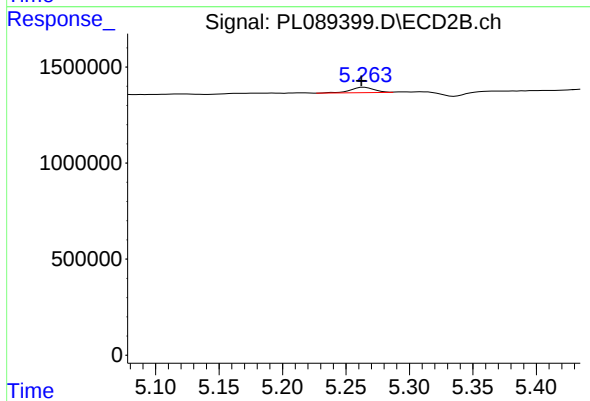
#11 alpha-Chlordane

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 79167
Conc: 0.05 ng/ml



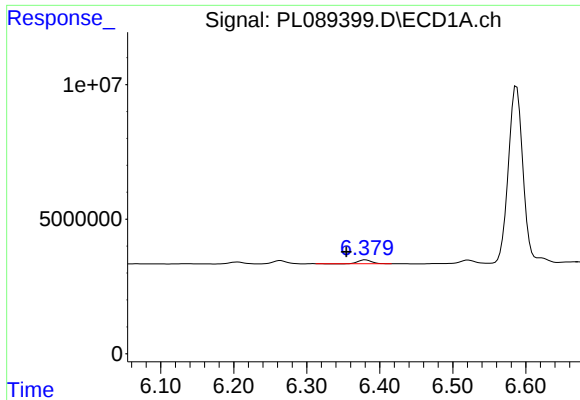
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.004 min
Response: 1039356
Conc: 0.51 ng/ml



#12 4,4'-DDE

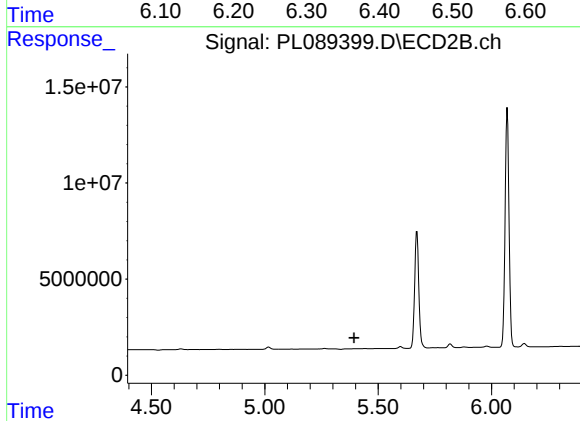
R.T.: 5.265 min
Delta R.T.: 0.002 min
Response: 363336
Conc: 0.25 ng/ml



#13 Dieldrin

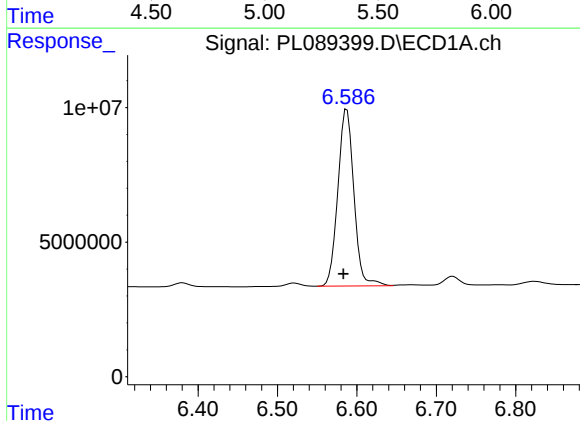
R.T.: 6.380 min
Delta R.T.: 0.026 min
Response: 1818751
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



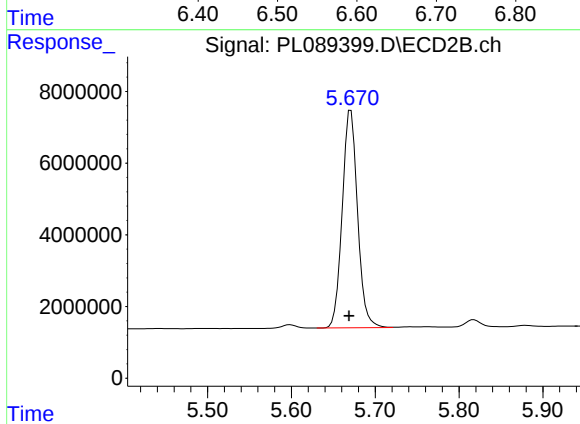
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.394 min
Response: 0
Conc: N.D.



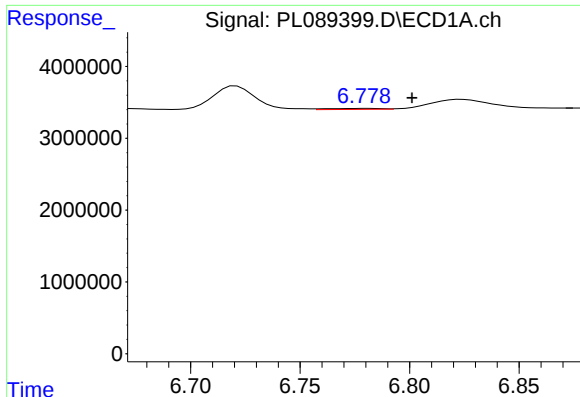
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.004 min
Response: 92421417
Conc: 48.79 ng/ml



#14 Endrin

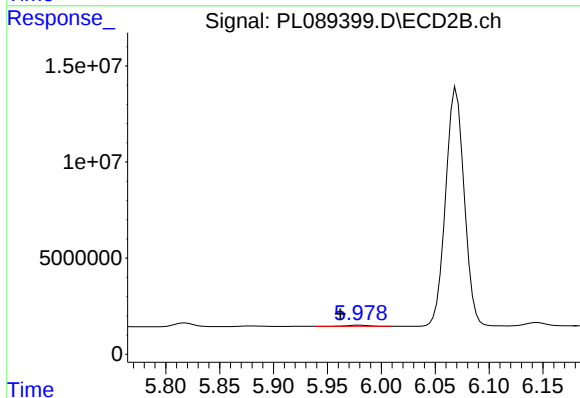
R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 77292746
Conc: 53.76 ng/ml



#15 Endosulfan II

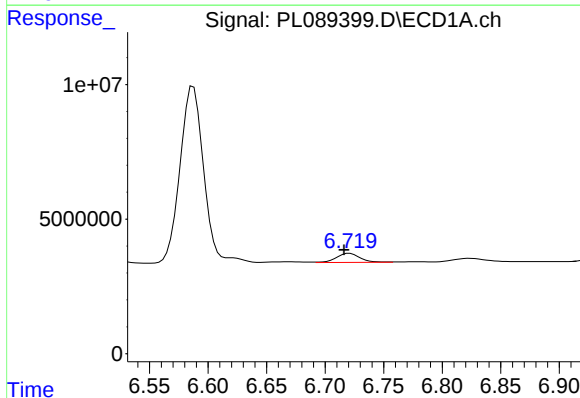
R.T.: 6.781 min
Delta R.T.: -0.020 min
Response: 241637
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



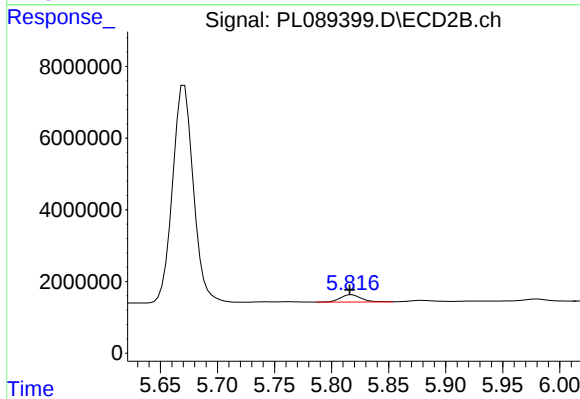
#15 Endosulfan II

R.T.: 5.980 min
Delta R.T.: 0.018 min
Response: 958104
Conc: 0.67 ng/ml



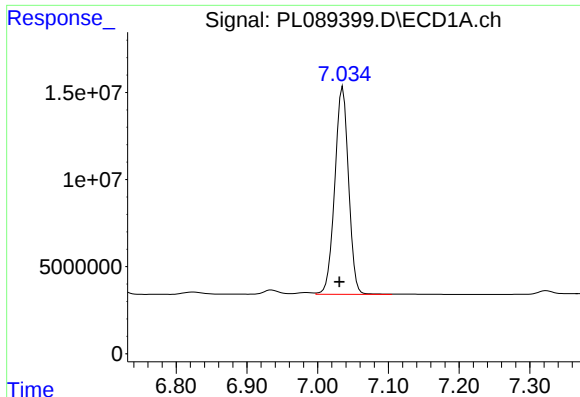
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.005 min
Response: 4737283
Conc: 2.81 ng/ml



#16 4,4'-DDD

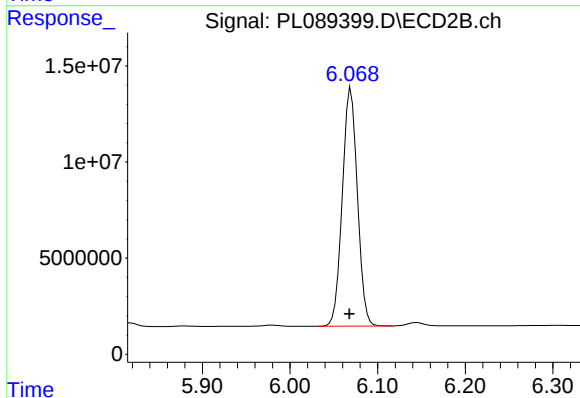
R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 2621771
Conc: 2.13 ng/ml



#17 4,4'-DDT

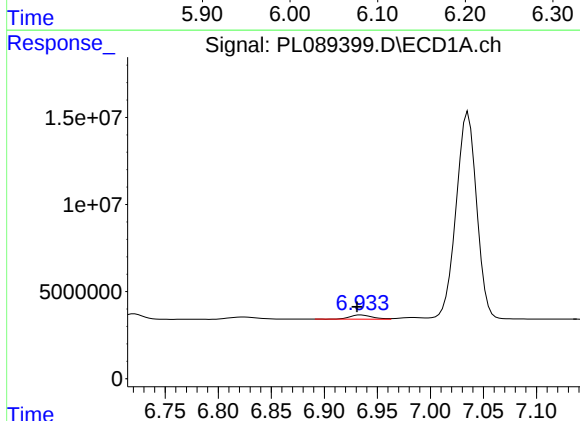
R.T.: 7.036 min
Delta R.T.: 0.005 min
Response: 160999828
Conc: 87.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



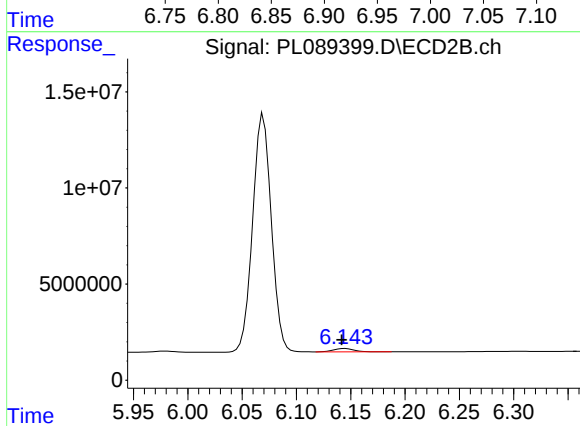
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 148449220
Conc: 109.72 ng/ml



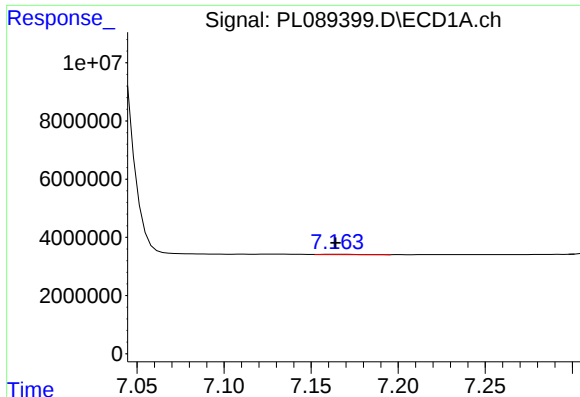
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.004 min
Response: 3486812
Conc: 2.31 ng/ml



#18 Endrin aldehyde

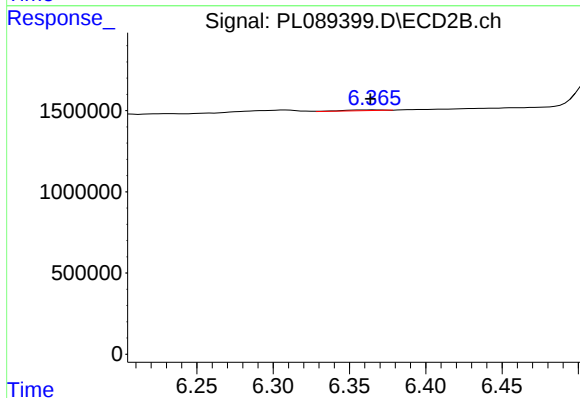
R.T.: 6.145 min
Delta R.T.: 0.003 min
Response: 2407050
Conc: 2.16 ng/ml



#19 Endosulfan Sulfate

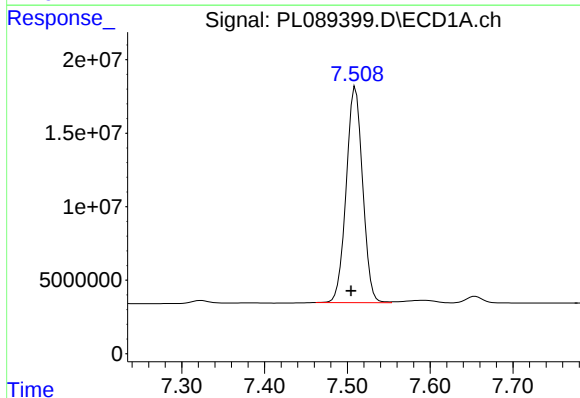
R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 159192
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



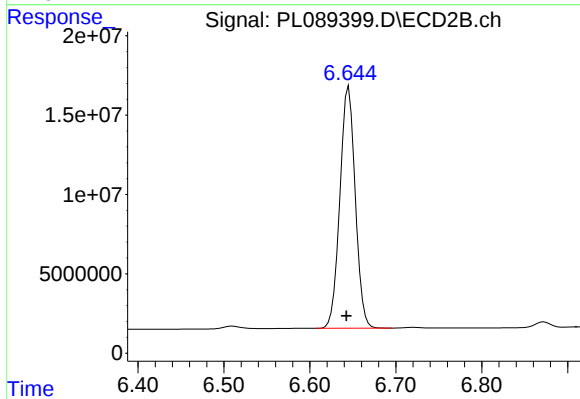
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 84233
Conc: 0.06 ng/ml



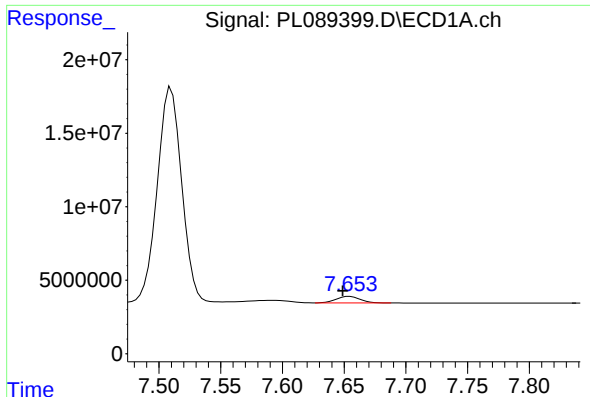
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.005 min
Response: 202368293
Conc: 205.78 ng/ml



#20 Methoxychlor

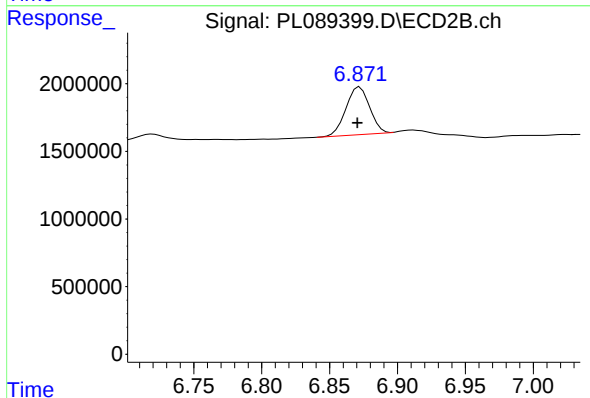
R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 189127921
Conc: 236.53 ng/ml



#21 Endrin ketone

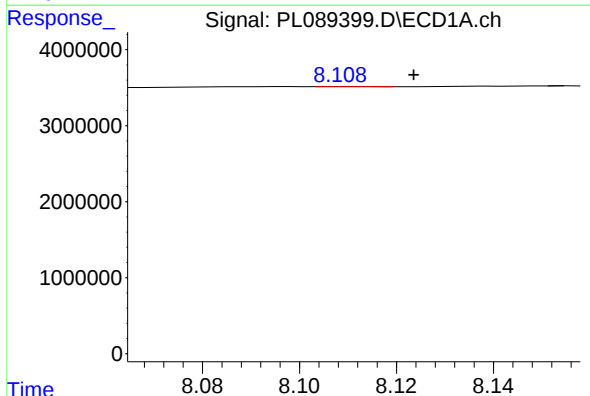
R.T.: 7.654 min
Delta R.T.: 0.006 min
Response: 6030129
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



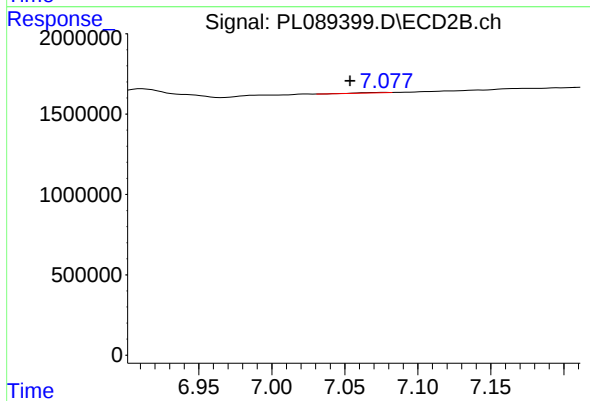
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.002 min
Response: 4265091
Conc: 2.67 ng/ml



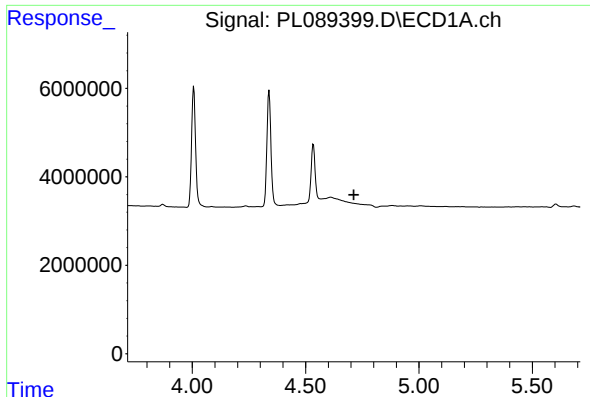
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.014 min
Response: 15651
Conc: 0.01 ng/ml



#22 Mirex

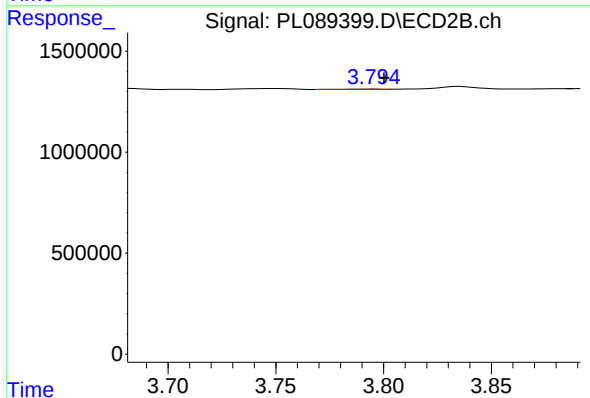
R.T.: 7.078 min
Delta R.T.: 0.024 min
Response: 25265
Conc: 0.02 ng/ml



#23 Chlordane-1

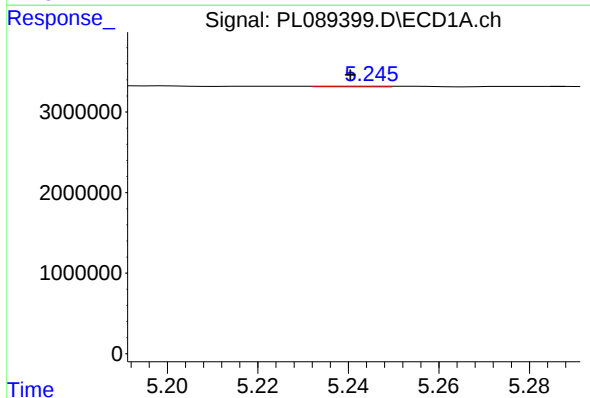
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



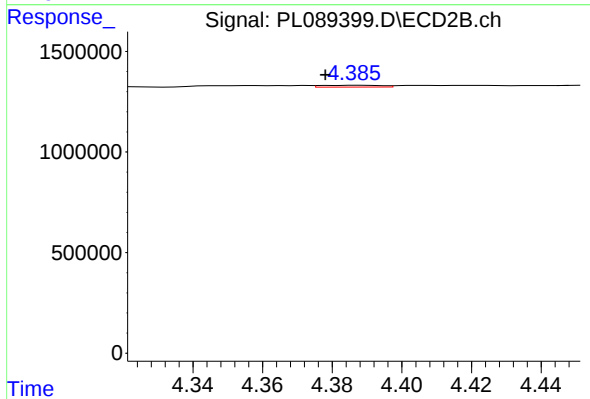
#23 Chlordane-1

R.T.: 3.795 min
Delta R.T.: -0.005 min
Response: 13728
Conc: 0.28 ng/ml



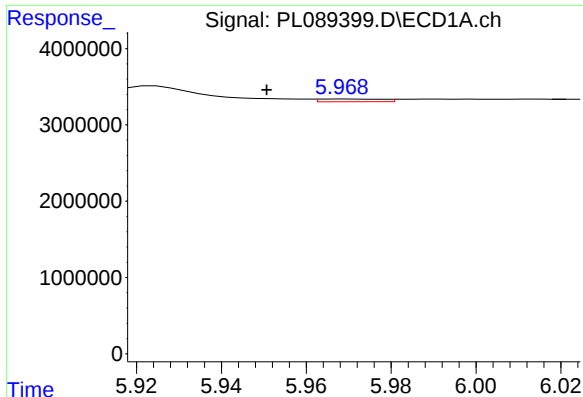
#24 Chlordane-2

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 68804
Conc: 0.65 ng/ml



#24 Chlordane-2

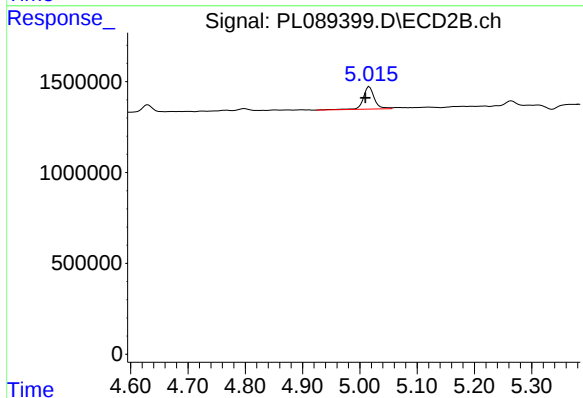
R.T.: 4.387 min
Delta R.T.: 0.009 min
Response: 108464
Conc: 1.70 ng/ml



#25 Chlordane-3

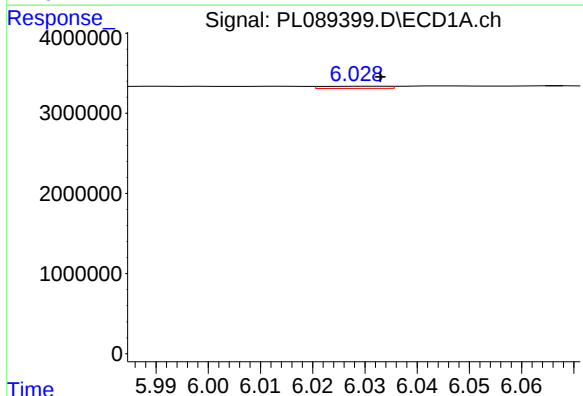
R.T.: 5.969 min
Delta R.T.: 0.019 min
Response: 374253
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



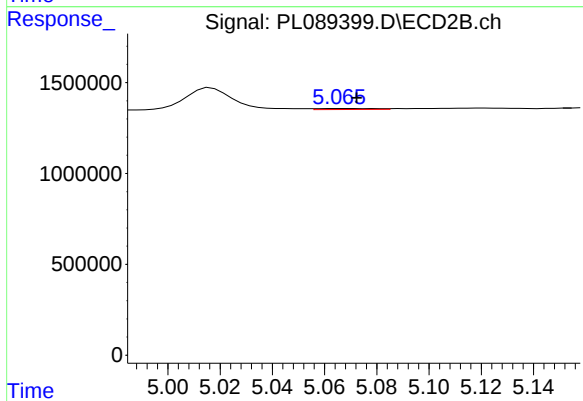
#25 Chlordane-3

R.T.: 5.016 min
Delta R.T.: 0.007 min
Response: 1663517
Conc: 9.72 ng/ml



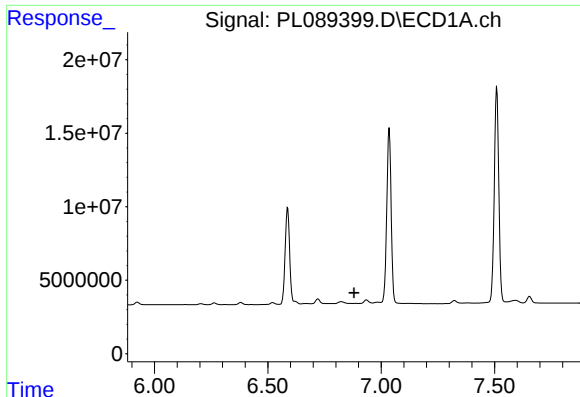
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 235337
Conc: 0.58 ng/ml



#26 Chlordane-4

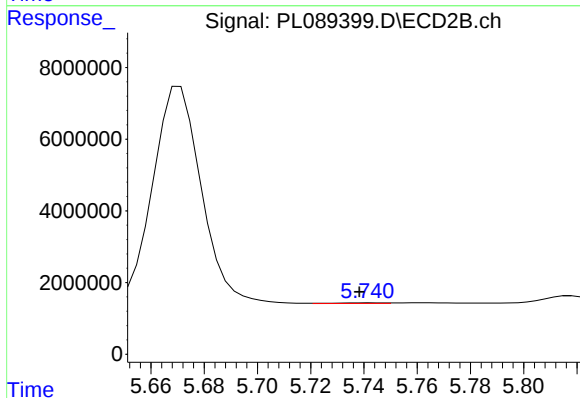
R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 79167
Conc: 0.49 ng/ml



#27 Chlordane-5

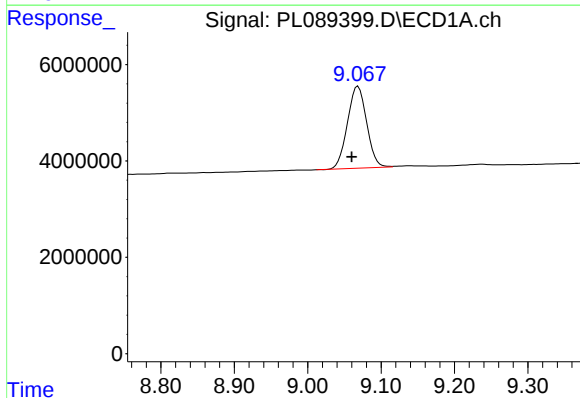
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



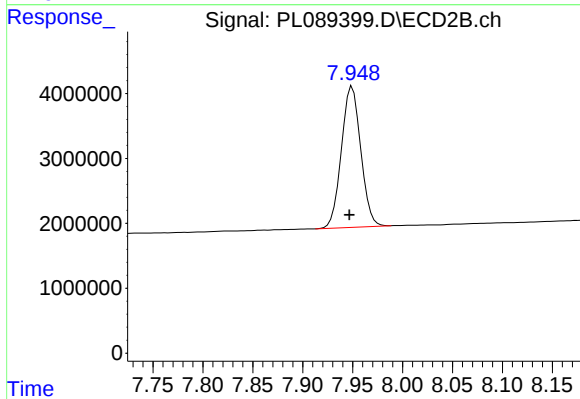
#27 Chlordane-5

R.T.: 5.742 min
Delta R.T.: 0.003 min
Response: 227243
Conc: 4.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.008 min
Response: 30879082
Conc: 22.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.003 min
Response: 29266114
Conc: 21.76 ng/ml