

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050724\
 Data File : PL089386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2024 09:54
 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 07 22:08:37 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	47243934	29456151	23.462	22.958
28)	SA Decachlor...	9.067	7.949	31141392	28650128	22.259	21.298
Target Compounds							
2)	A alpha-BHC	4.006	3.302	34978849	19856843	12.266	10.524
3)	MA gamma-BHC...	4.338	3.632	32518176	18971486	11.681	10.281
4)	MA Heptachlor	4.949f	4.000f	1743386	10047	0.703	0.006 #
5)	MB Aldrin	5.260	4.265	3105416	1128938	1.209	0.639 #
6)	B beta-BHC	4.534	3.930	15049805	10089946	11.930	12.358
7)	B delta-BHC	4.760f	4.162	381713	364246	0.144	0.202 #
8)	B Heptachlo...	5.687	4.765	13586726	47469	5.793	0.029 #
9)	A Endosulfan I	6.080	5.110f	2678176	458735	1.246	0.306 #
10)	B gamma-Chl...	5.923f	5.016	15774571	2708134	6.901	1.650 #
11)	B alpha-Chl...	6.025	5.091f	2381940	824966	1.047	0.500 #
12)	B 4,4'-DDE	6.203	5.263	1458419	514707	0.721	0.354 #
13)	MA Dieldrin	6.379f	5.396	2819474	78036	1.260	0.049 #
14)	MA Endrin	6.586	5.670	98548485	80912921	52.023	56.280
15)	B Endosulfa...	6.822f	5.978f	5253189	1445039	2.632	1.005 #
16)	A 4,4'-DDD	6.719	5.817	10733385	3333867	6.362	2.703 #
17)	MA 4,4'-DDT	7.034	6.069	156.7E6	144.5E6	85.216	106.806 #
18)	B Endrin al...	6.934	6.144	3375814	2197005	2.232	1.975
19)	B Endosulfa...	7.163	6.370	206288	116361	0.114	0.084 #
20)	A Methoxychlor	7.508	6.644	196.7E6	182.7E6	200.055	228.512
21)	B Endrin ke...	7.653	6.871	5887430	3875255	2.941	2.424
22)	Mirex	8.137	0.000	8152	0	0.005	N.D. #
23)	Chlordane-1	0.000	3.806	0	21222	N.D.	0.431 #
24)	Chlordane-2	5.238	4.361f	1934273	1026781	18.405	16.141
25)	Chlordane-3	5.923f	5.016	15774571	2708134	47.764	15.817 #
26)	Chlordane-4	6.025	5.054f	2381940	157616	5.843	0.980 #
27)	Chlordane-5	0.000	5.742	0	740534	N.D.	14.470 #

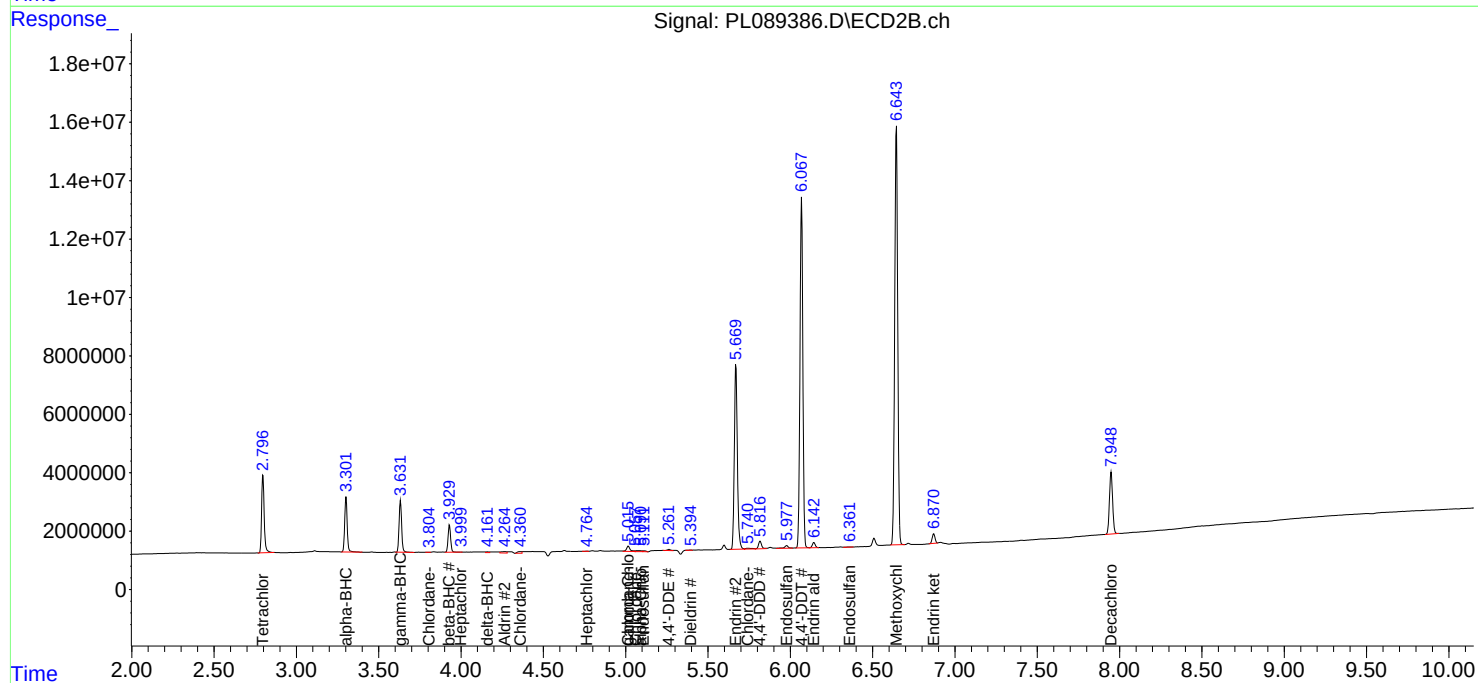
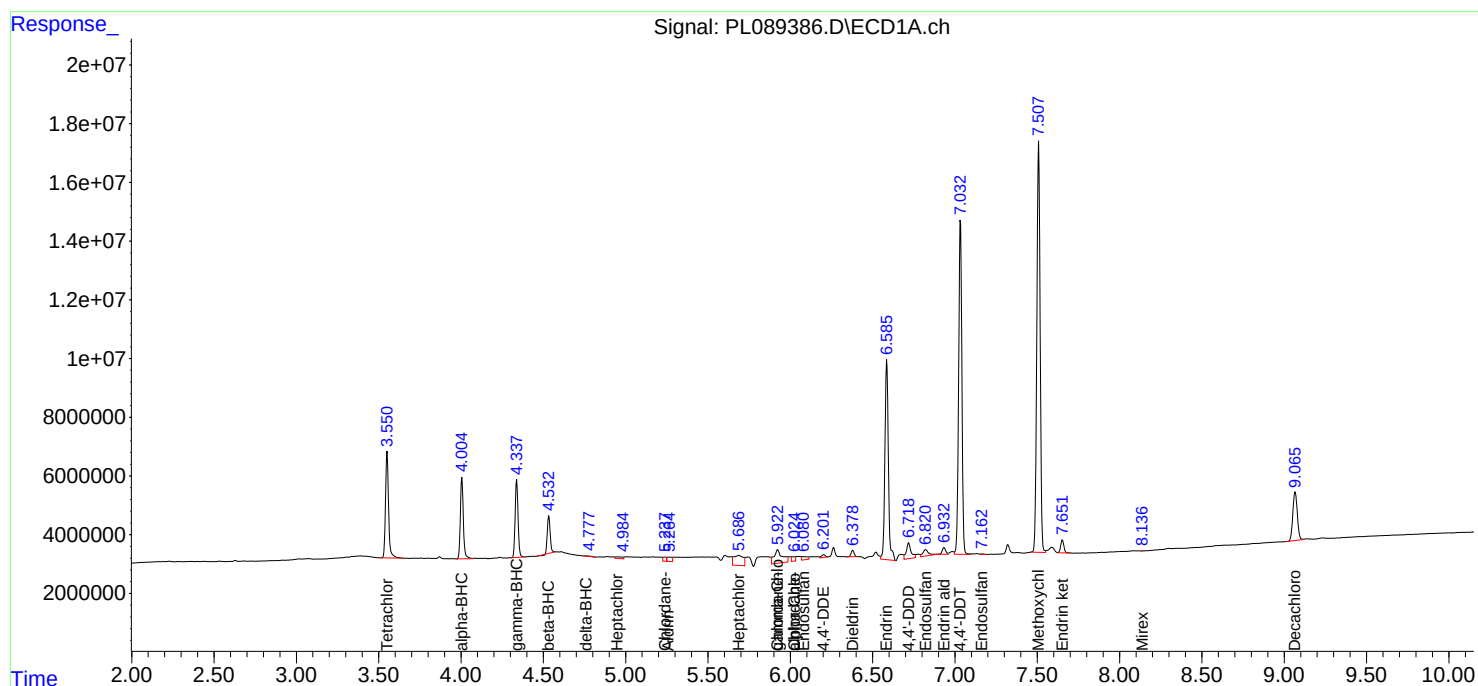
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

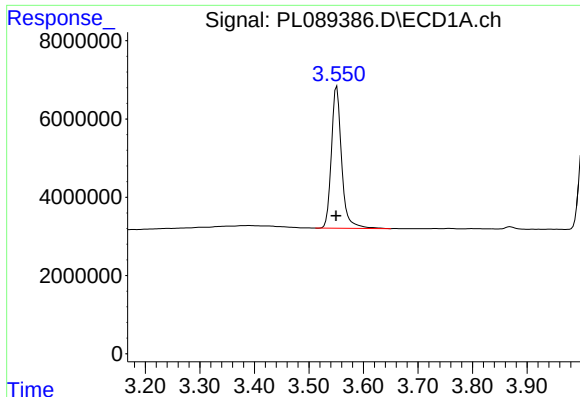
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050724\
Data File : PL089386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2024 09:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 22:08:37 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

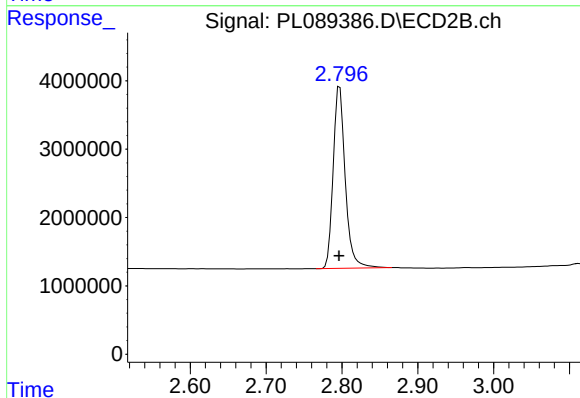




#1 Tetrachloro-m-xylene

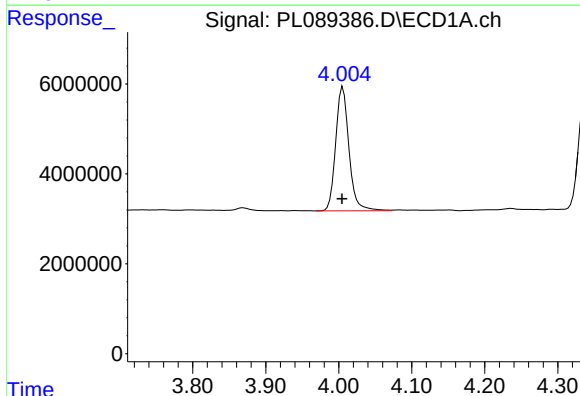
R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 47243934
Conc: 23.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



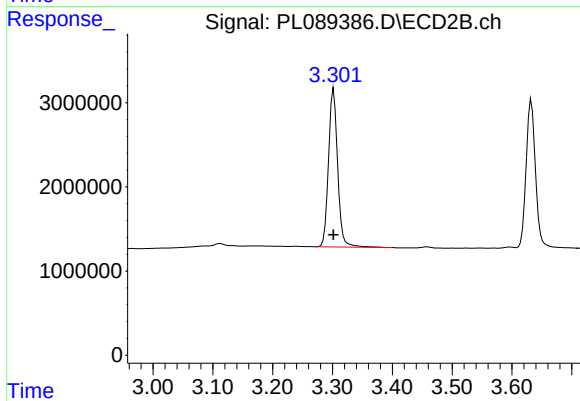
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29456151
Conc: 22.96 ng/ml



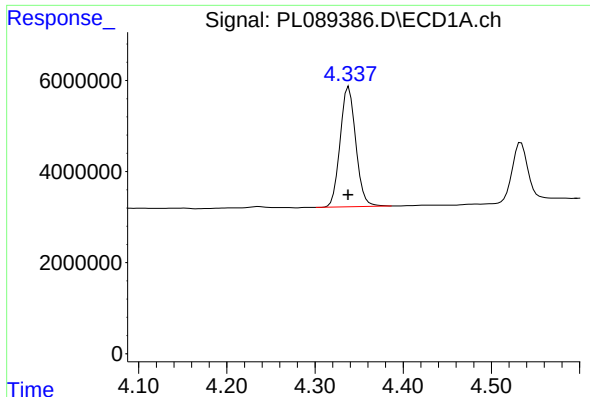
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 34978849
Conc: 12.27 ng/ml



#2 alpha-BHC

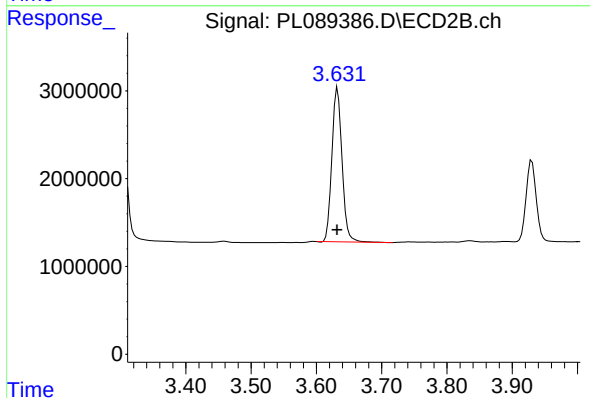
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 19856843
Conc: 10.52 ng/ml



#3 gamma-BHC (Lindane)

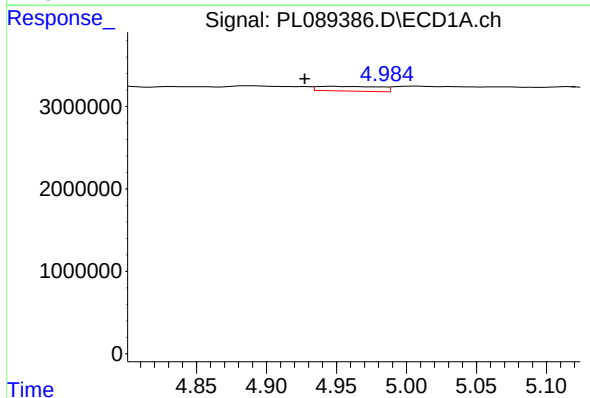
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 32518176
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



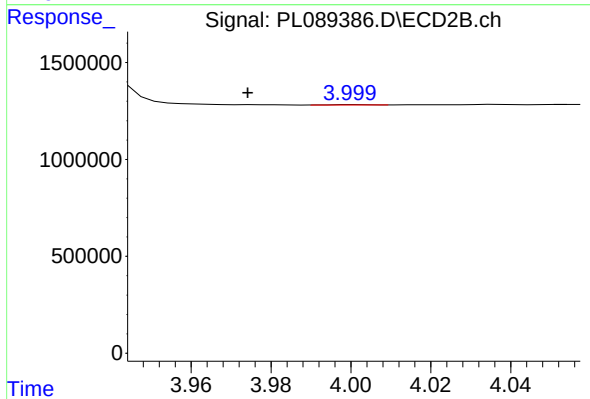
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 18971486
Conc: 10.28 ng/ml



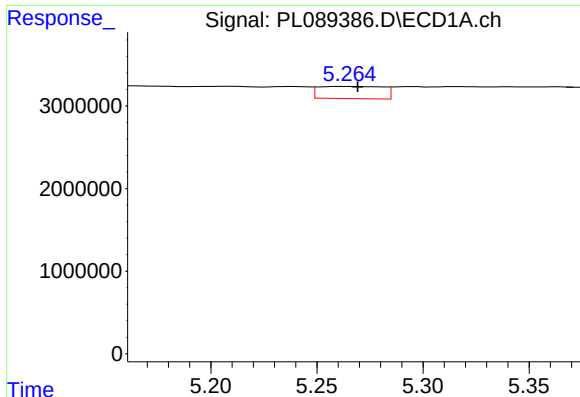
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.021 min
Response: 1743386
Conc: 0.70 ng/ml



#4 Heptachlor

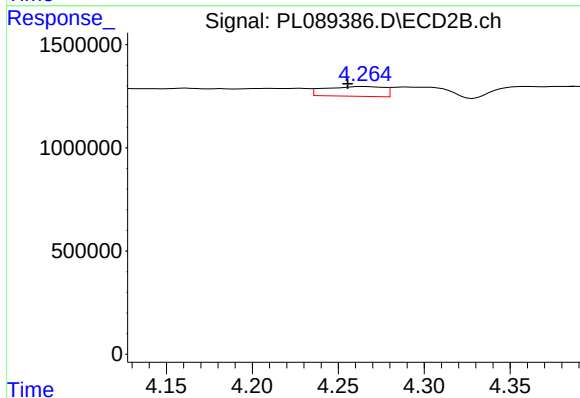
R.T.: 4.000 min
Delta R.T.: 0.026 min
Response: 10047
Conc: 0.01 ng/ml



#5 Aldrin

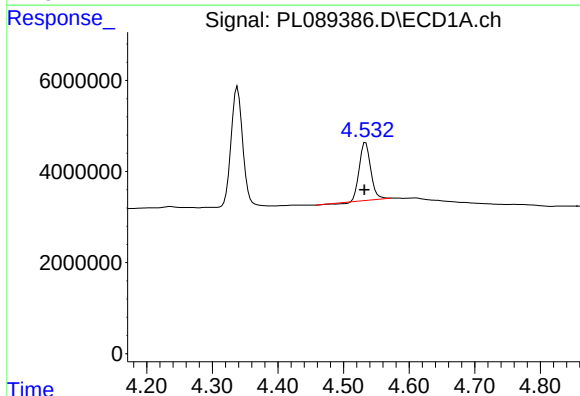
R.T.: 5.260 min
Delta R.T.: -0.009 min
Response: 3105416
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



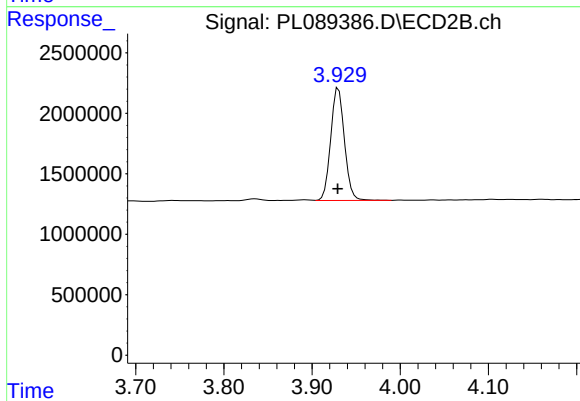
#5 Aldrin

R.T.: 4.265 min
Delta R.T.: 0.009 min
Response: 1128938
Conc: 0.64 ng/ml



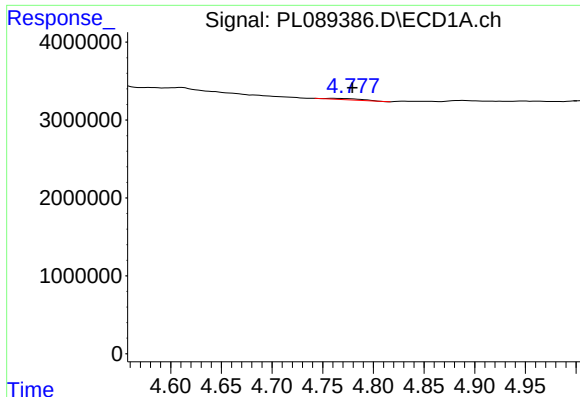
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 15049805
Conc: 11.93 ng/ml



#6 beta-BHC

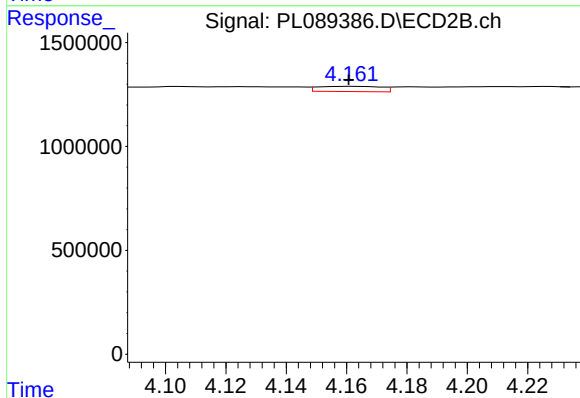
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 10089946
Conc: 12.36 ng/ml



#7 delta-BHC

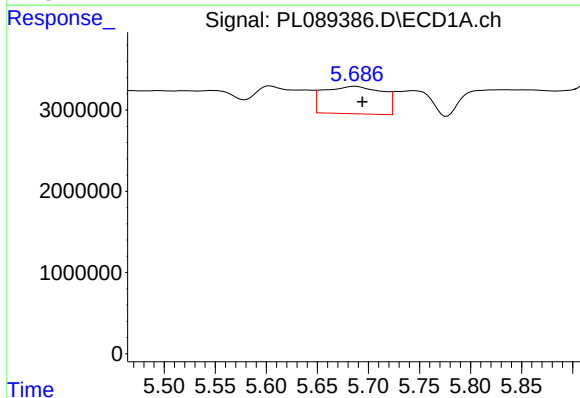
R.T.: 4.760 min
Delta R.T.: -0.019 min
Response: 381713
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



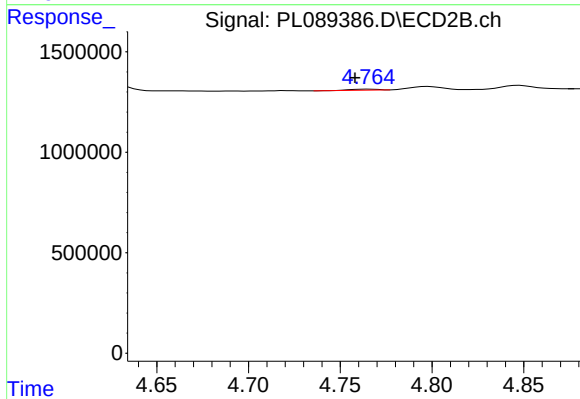
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.001 min
Response: 364246
Conc: 0.20 ng/ml



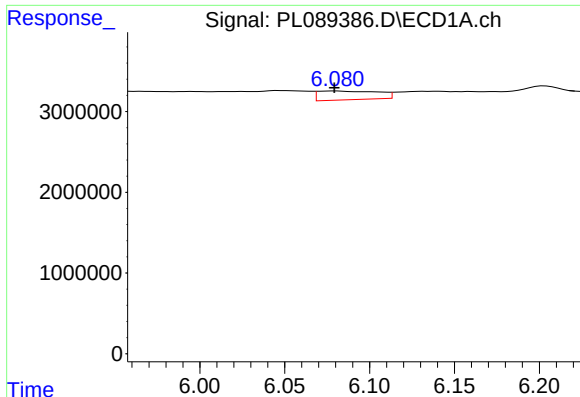
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 13586726
Conc: 5.79 ng/ml



#8 Heptachlor epoxide

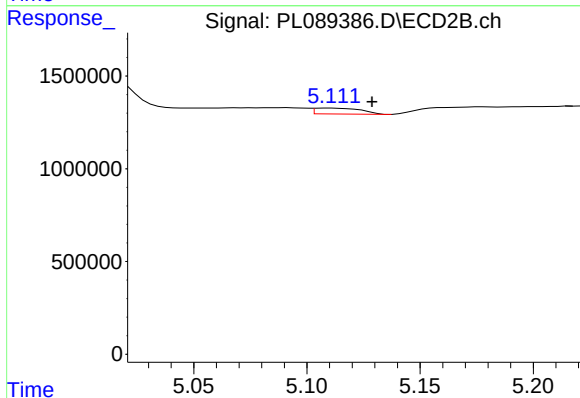
R.T.: 4.765 min
Delta R.T.: 0.007 min
Response: 47469
Conc: 0.03 ng/ml



#9 Endosulfan I

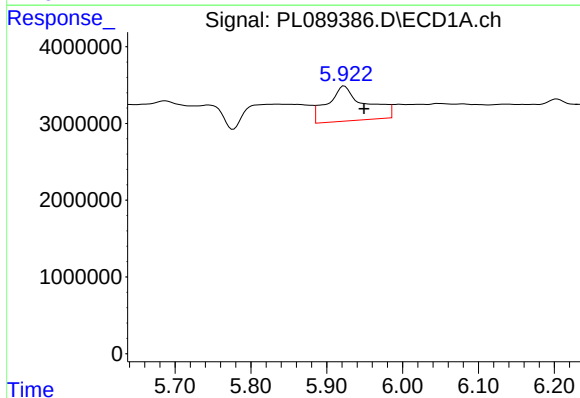
R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 2678176
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



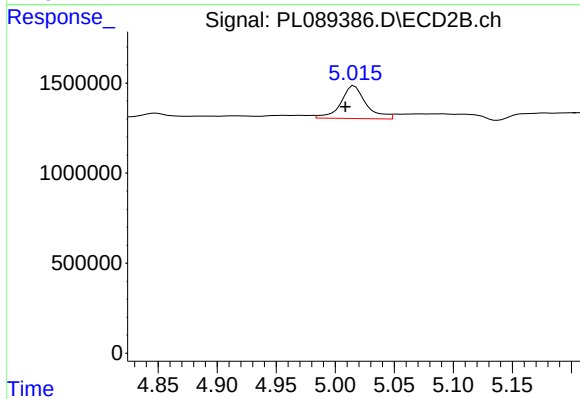
#9 Endosulfan I

R.T.: 5.110 min
Delta R.T.: -0.019 min
Response: 458735
Conc: 0.31 ng/ml



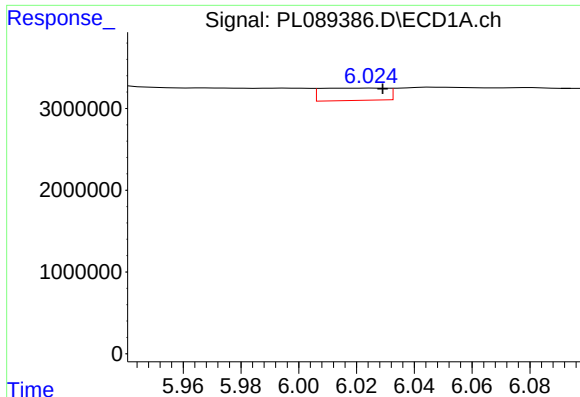
#10 gamma-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.026 min
Response: 15774571
Conc: 6.90 ng/ml



#10 gamma-Chlordane

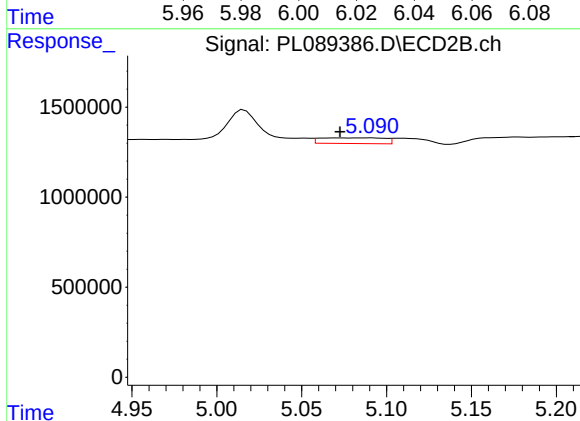
R.T.: 5.016 min
Delta R.T.: 0.007 min
Response: 2708134
Conc: 1.65 ng/ml



#11 alpha-Chlordane

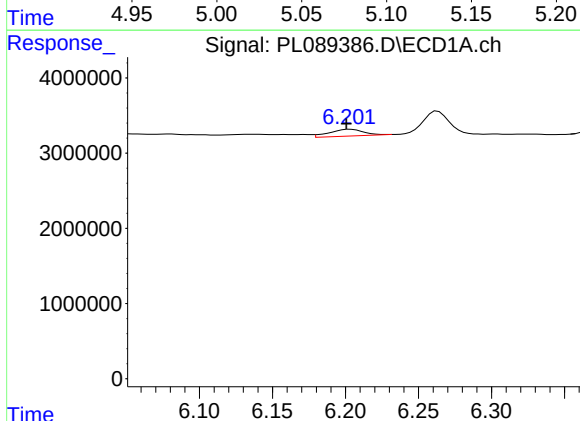
R.T.: 6.025 min
Delta R.T.: -0.004 min
Response: 2381940
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



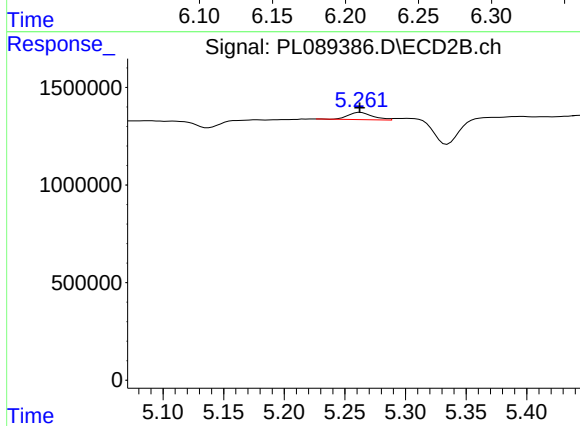
#11 alpha-Chlordane

R.T.: 5.091 min
Delta R.T.: 0.019 min
Response: 824966
Conc: 0.50 ng/ml



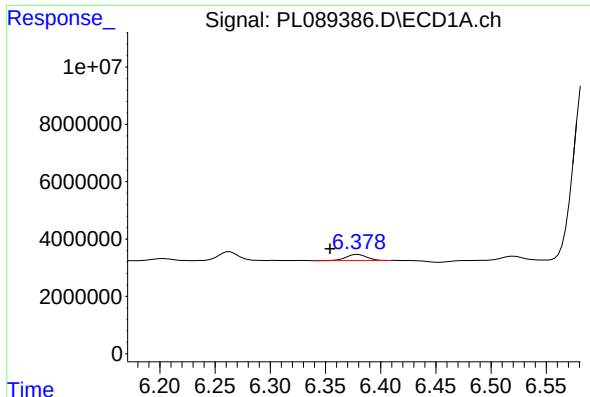
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 1458419
Conc: 0.72 ng/ml



#12 4,4'-DDE

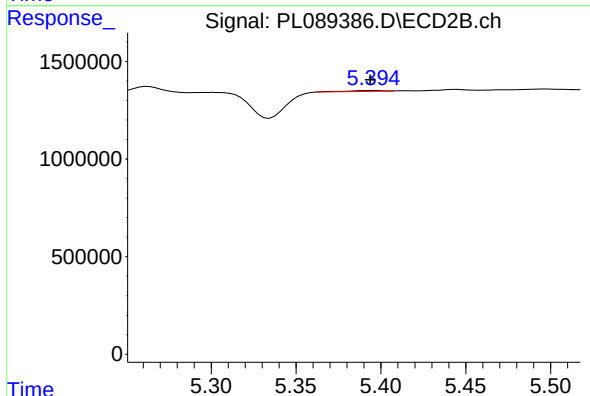
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 514707
Conc: 0.35 ng/ml



#13 Dieldrin

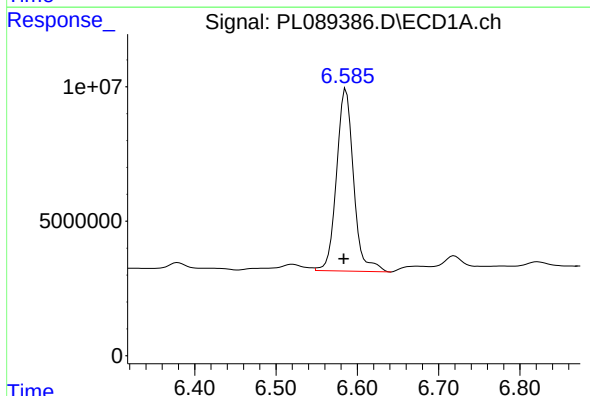
R.T.: 6.379 min
Delta R.T.: 0.025 min
Response: 2819474
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



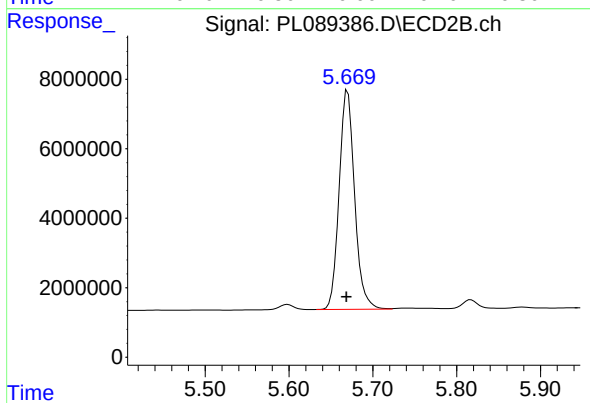
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.002 min
Response: 78036
Conc: 0.05 ng/ml



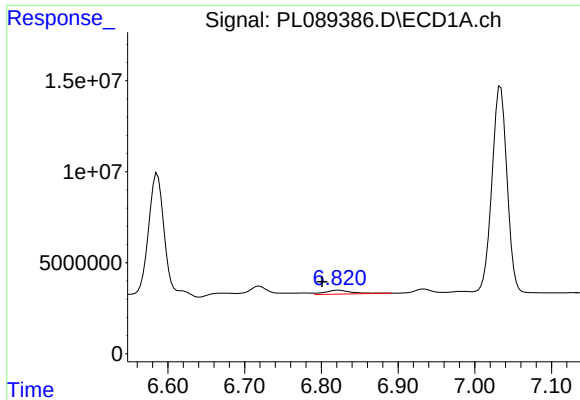
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 98548485
Conc: 52.02 ng/ml



#14 Endrin

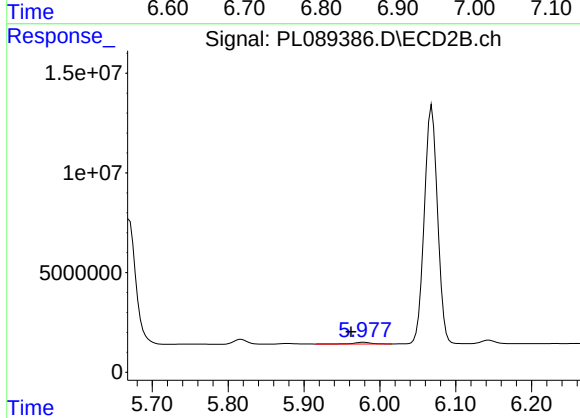
R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 80912921
Conc: 56.28 ng/ml



#15 Endosulfan II

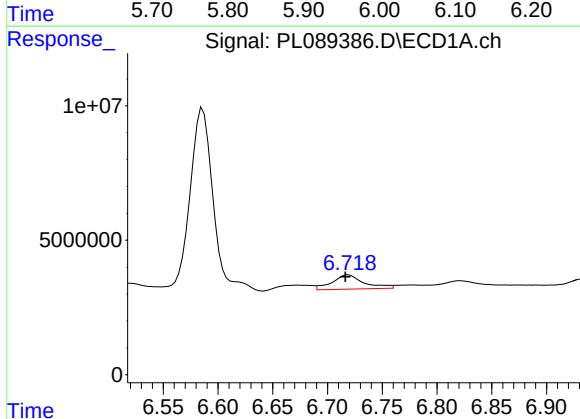
R.T.: 6.822 min
Delta R.T.: 0.021 min
Response: 5253189
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



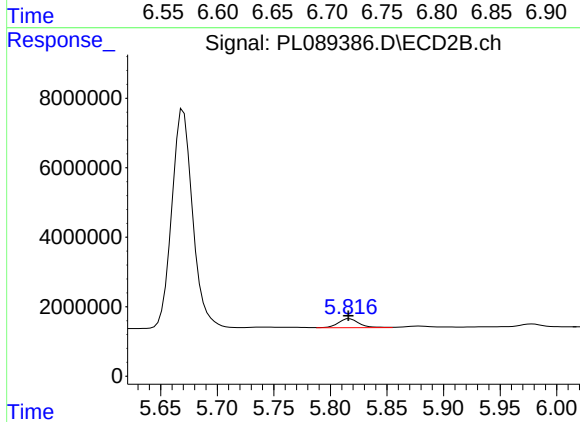
#15 Endosulfan II

R.T.: 5.978 min
Delta R.T.: 0.016 min
Response: 1445039
Conc: 1.00 ng/ml



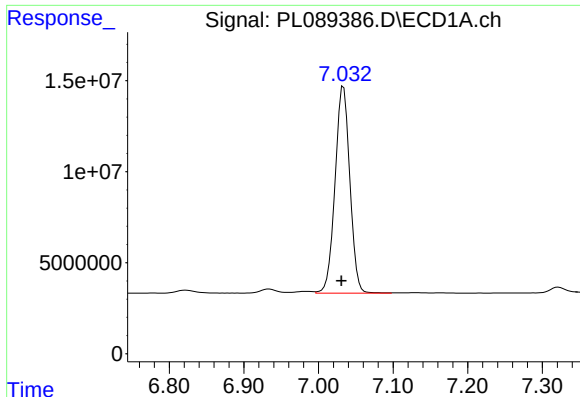
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 10733385
Conc: 6.36 ng/ml



#16 4,4'-DDD

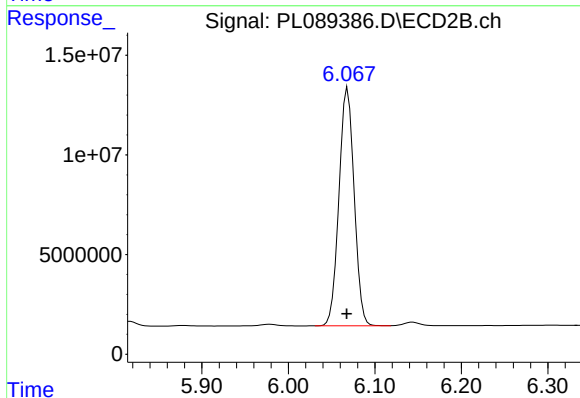
R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 3333867
Conc: 2.70 ng/ml



#17 4,4'-DDT

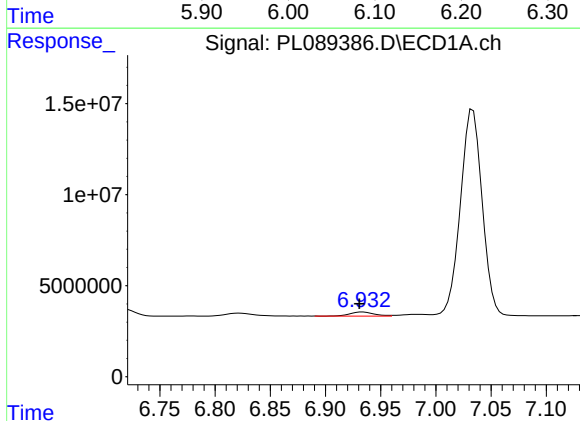
R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 156710403
Conc: 85.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



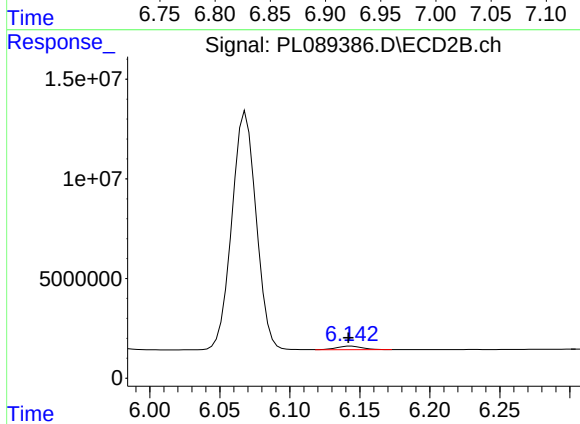
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 144507561
Conc: 106.81 ng/ml



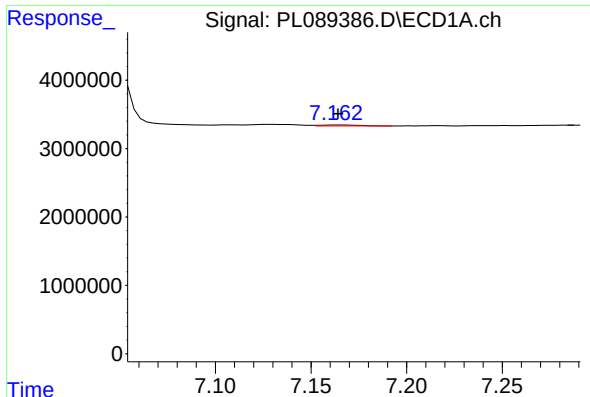
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 3375814
Conc: 2.23 ng/ml



#18 Endrin aldehyde

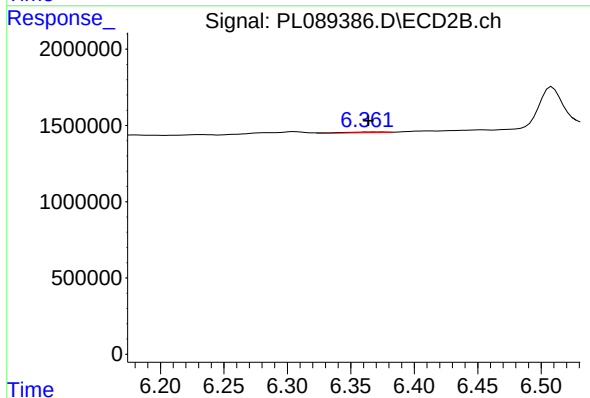
R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 2197005
Conc: 1.98 ng/ml



#19 Endosulfan Sulfate

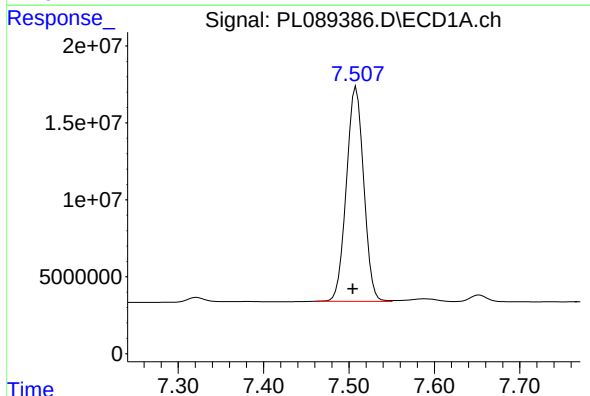
R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 206288
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



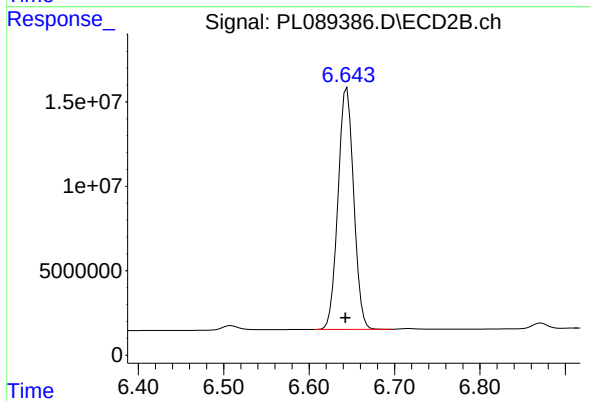
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.006 min
Response: 116361
Conc: 0.08 ng/ml



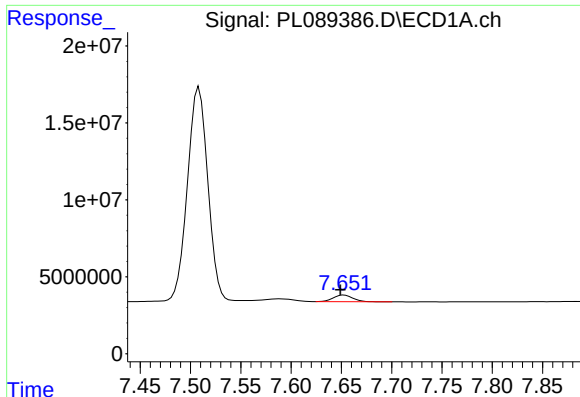
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 196734211
Conc: 200.05 ng/ml



#20 Methoxychlor

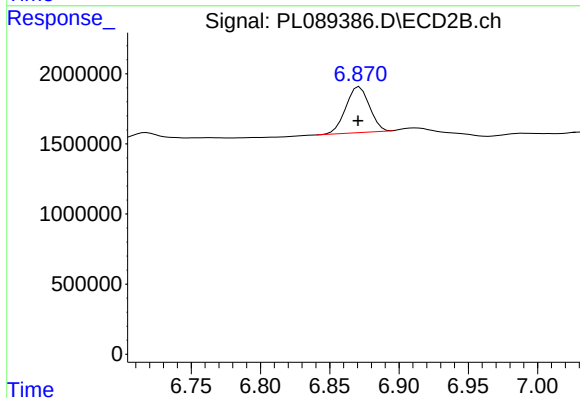
R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 182715025
Conc: 228.51 ng/ml



#21 Endrin ketone

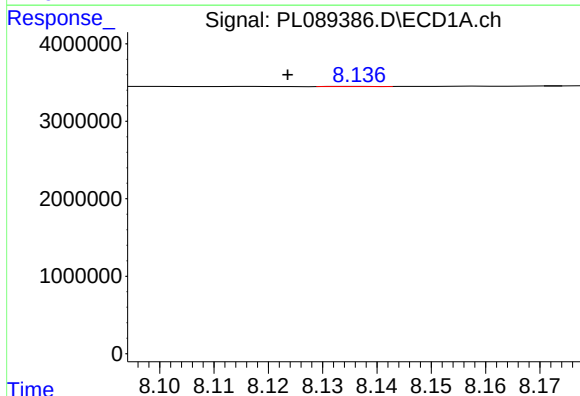
R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 5887430
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



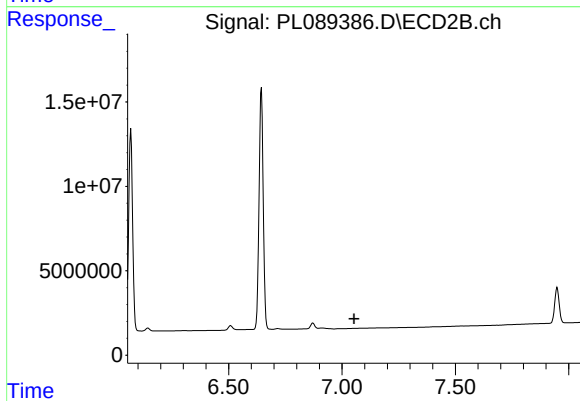
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 3875255
Conc: 2.42 ng/ml



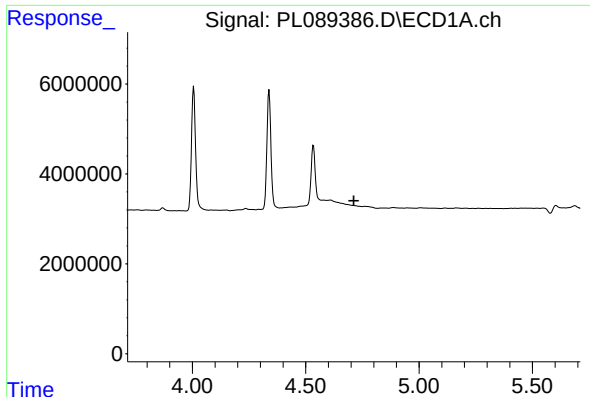
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.014 min
Response: 8152
Conc: 0.01 ng/ml



#22 Mirex

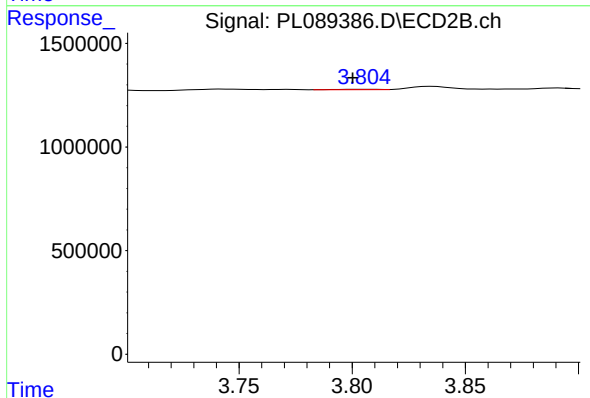
R.T.: 0.000 min
Exp R.T.: 7.054 min
Response: 0
Conc: N.D.



#23 Chlordane-1

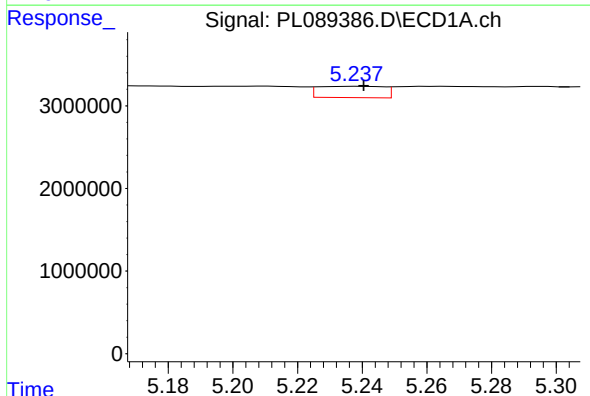
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



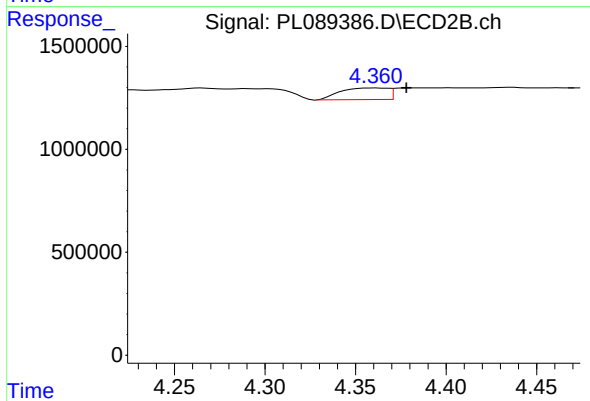
#23 Chlordane-1

R.T.: 3.806 min
Delta R.T.: 0.006 min
Response: 21222
Conc: 0.43 ng/ml



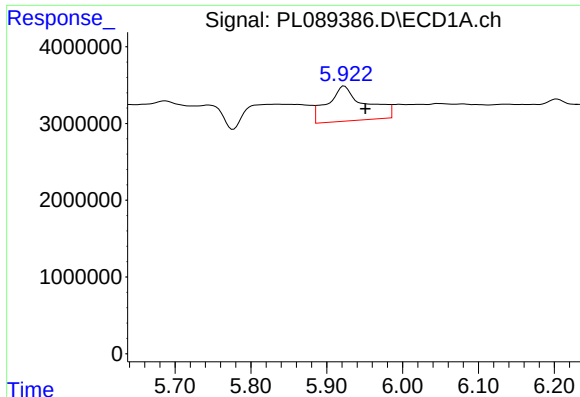
#24 Chlordane-2

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 1934273
Conc: 18.41 ng/ml



#24 Chlordane-2

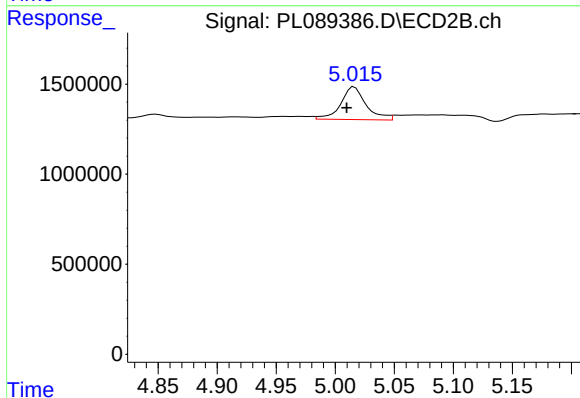
R.T.: 4.361 min
Delta R.T.: -0.018 min
Response: 1026781
Conc: 16.14 ng/ml



#25 Chlordane-3

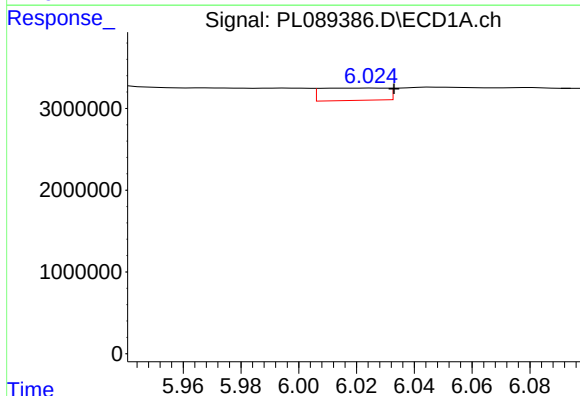
R.T.: 5.923 min
Delta R.T.: -0.027 min
Response: 15774571
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



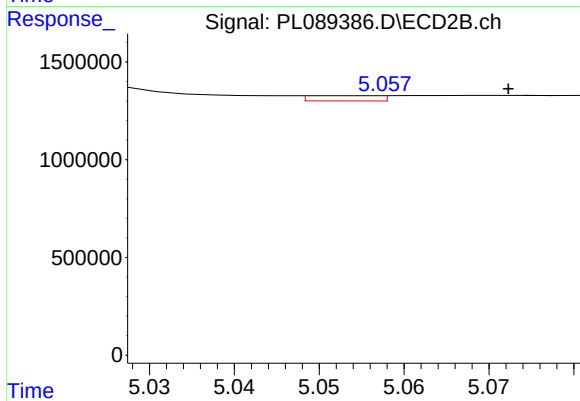
#25 Chlordane-3

R.T.: 5.016 min
Delta R.T.: 0.006 min
Response: 2708134
Conc: 15.82 ng/ml



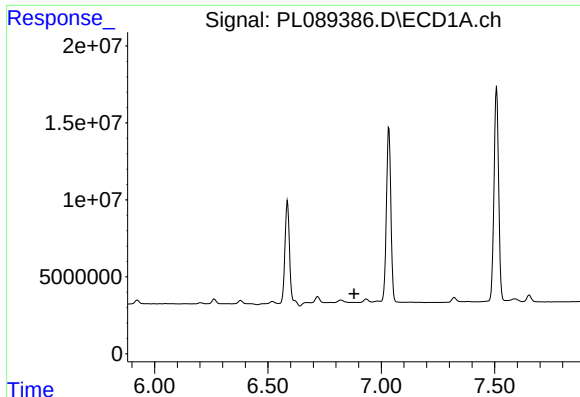
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: -0.008 min
Response: 2381940
Conc: 5.84 ng/ml



#26 Chlordane-4

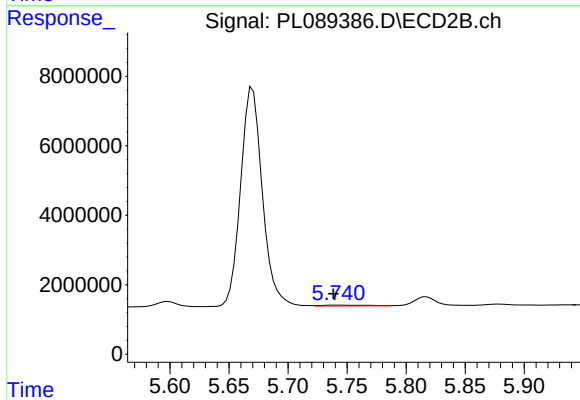
R.T.: 5.054 min
Delta R.T.: -0.019 min
Response: 157616
Conc: 0.98 ng/ml



#27 Chlordane-5

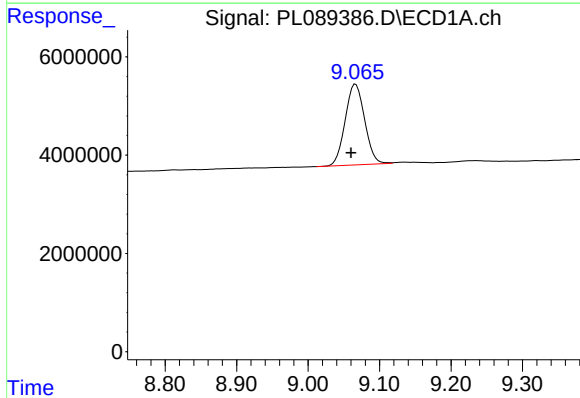
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



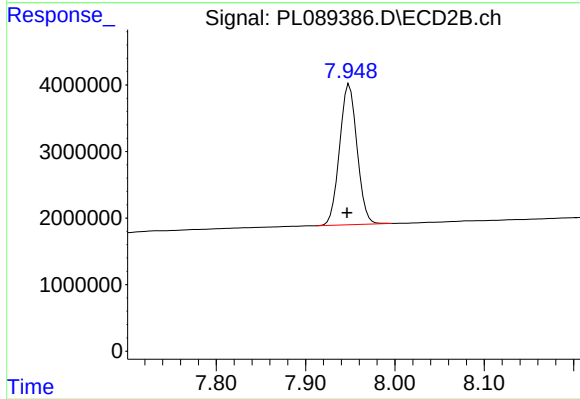
#27 Chlordane-5

R.T.: 5.742 min
Delta R.T.: 0.004 min
Response: 740534
Conc: 14.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.006 min
Response: 31141392
Conc: 22.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28650128
Conc: 21.30 ng/ml