

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 09:24
 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: Apr 23 11:44:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 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	2.798	44693835	27341687	21.029	20.513
28)	SA Decachlor...	9.064	7.949	28521579	27803701	22.392	20.763
Target Compounds							
2)	A alpha-BHC	4.006	3.303	32656729	18261247	10.922	9.230
3)	MA gamma-BHC...	4.339	3.634	31191122	17622689	10.811	9.161
4)	MA Heptachlor	4.920	4.000f	12080	16969	0.005	0.009 #
5)	MB Aldrin	5.267	4.266	11194	101806	0.004	0.055 #
6)	B beta-BHC	4.533	3.931	15283100	9164102	11.389	10.965
7)	B delta-BHC	4.775	4.165	273040	52405	0.102	0.029 #
8)	B Heptachlo...	5.689	4.741f	410803	8060	0.174	0.005 #
9)	A Endosulfan I	6.076	5.126	248283	46701	0.114	0.031 #
10)	B gamma-Chl...	5.923f	5.017	905326	130082	0.394	0.079 #
11)	B alpha-Chl...	6.054f	0.000	476834	0	0.208	N.D. #
12)	B 4,4'-DDE	6.204	5.266	1603974	347422	0.798	0.236 #
13)	MA Dieldrin	6.379f	5.396	619685	10853	0.275	0.007 #
14)	MA Endrin	6.585	5.671	88515676	71594224	47.099	49.261
15)	B Endosulfa...	6.823f	5.981f	2473717	883669	1.284	0.618 #
16)	A 4,4'-DDD	6.719	5.819	3057914	1184447	1.897	0.978 #
17)	MA 4,4'-DDT	7.033	6.070	162.6E6	149.6E6	89.234	114.150 #
18)	B Endrin al...	6.933	6.144	3634702	2456507	2.483	2.235
19)	B Endosulfa...	7.165	6.358	238333	86495	0.139	0.064 #
20)	A Methoxychlor	7.507	6.645	210.1E6	192.4E6	238.497	257.447
21)	B Endrin ke...	7.651	6.872	5957071	4009760	3.089	2.533
22)	Mirex	8.123	7.080f	421202	54081	0.287	0.041 #
23)	Chlordane-1	0.000	3.790	0	10689	N.D.	0.208 #
24)	Chlordane-2	5.237	4.391	62306	99432	0.660	1.531 #
25)	Chlordane-3	5.923f	5.017	905326	130082	2.809	0.753 #
26)	Chlordane-4	6.054f	5.042f	476834	20313	1.206	0.125 #
27)	Chlordane-5	0.000	5.762f	0	80729	N.D.	1.601 #

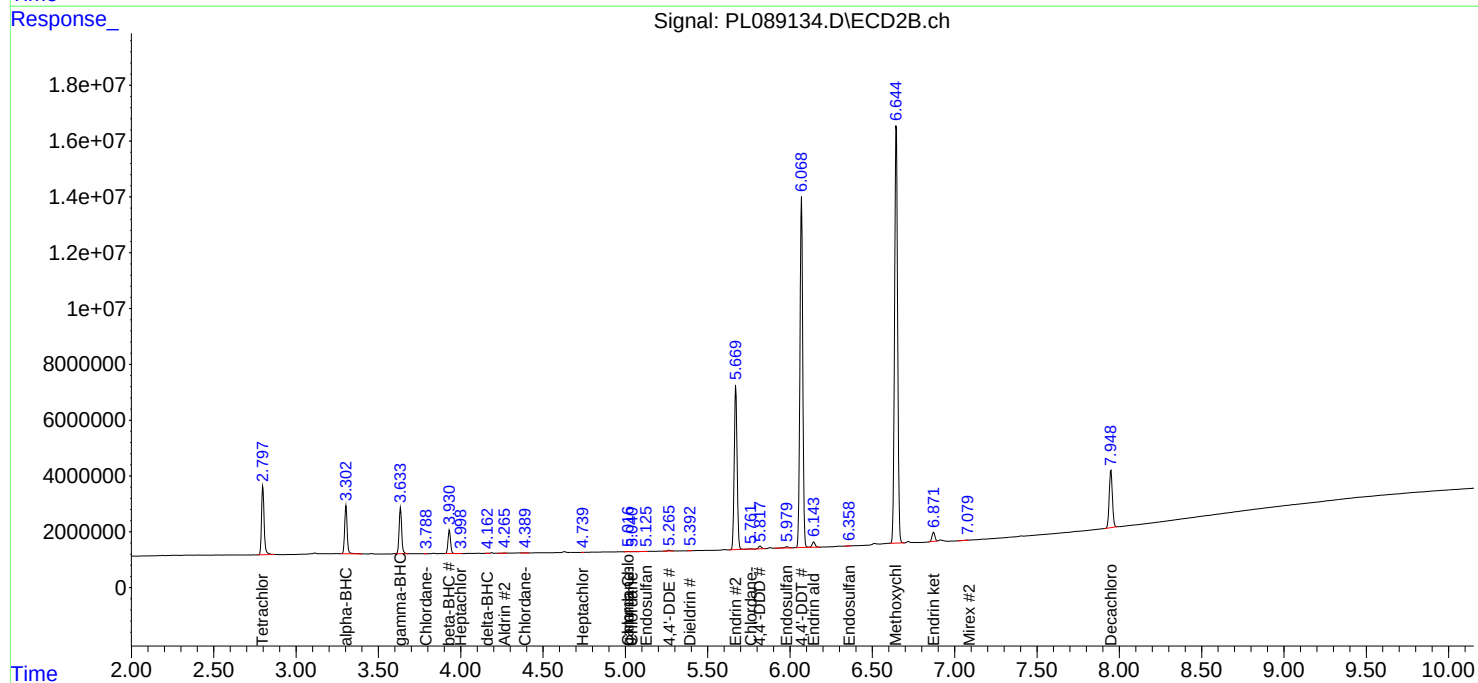
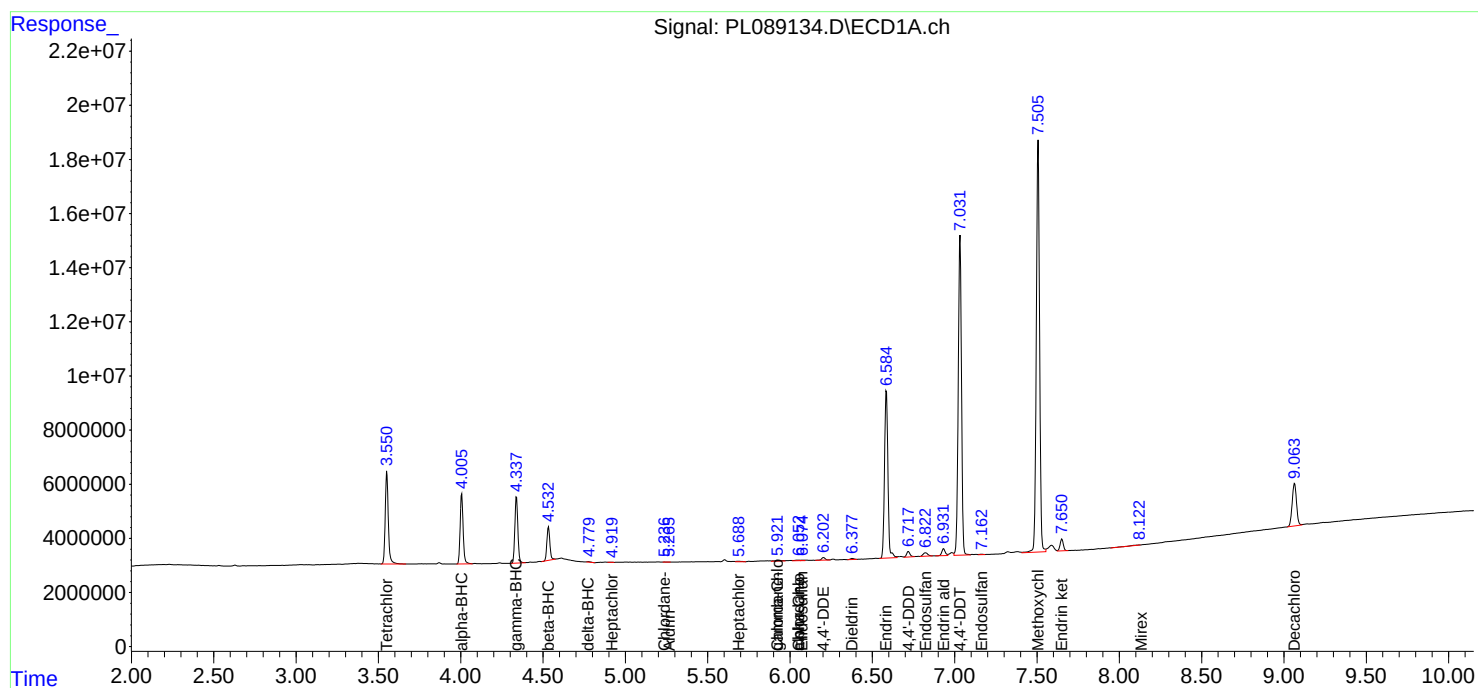
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

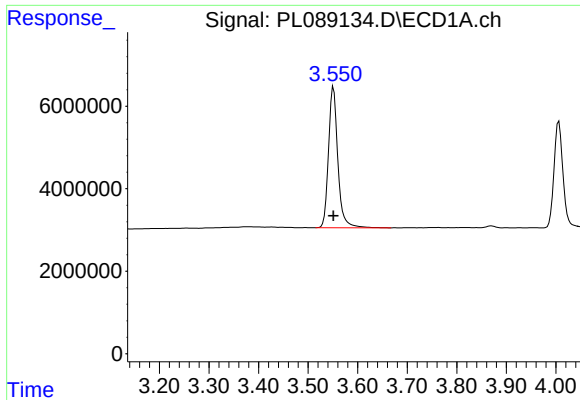
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
Data File : PL089134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2024 09:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 11:44:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 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

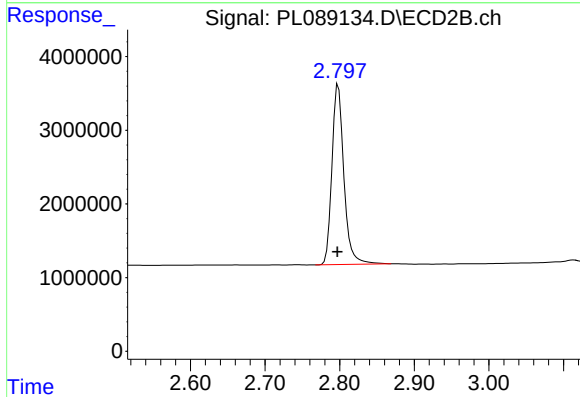




#1 Tetrachloro-m-xylene

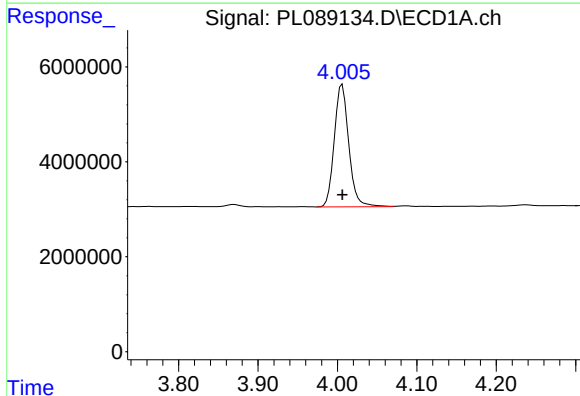
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 44693835
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



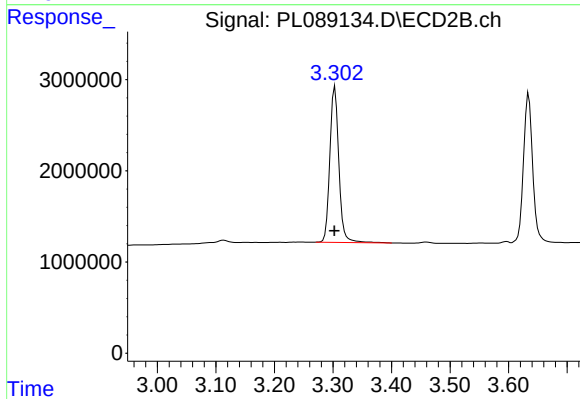
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 27341687
Conc: 20.51 ng/ml



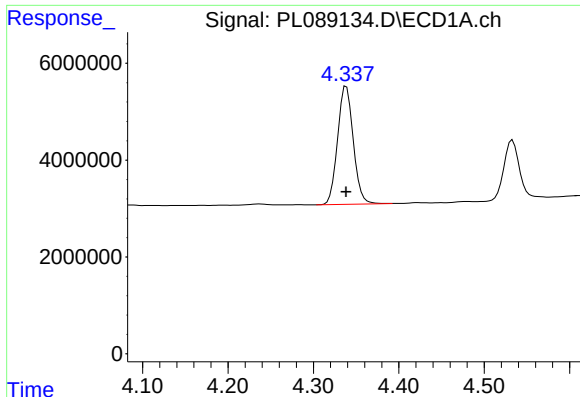
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 32656729
Conc: 10.92 ng/ml



#2 alpha-BHC

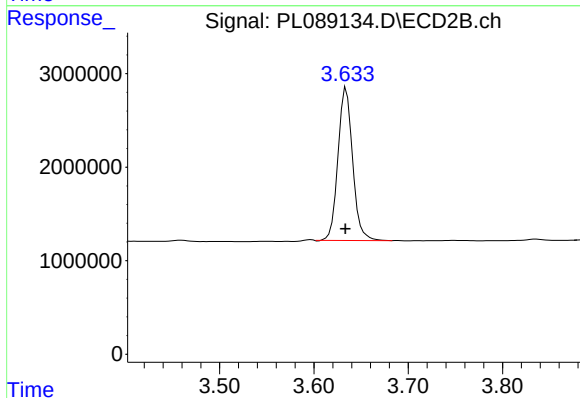
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 18261247
Conc: 9.23 ng/ml



#3 gamma-BHC (Lindane)

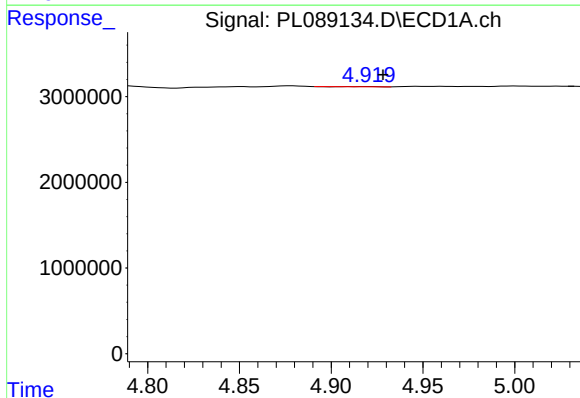
R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 31191122
Conc: 10.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



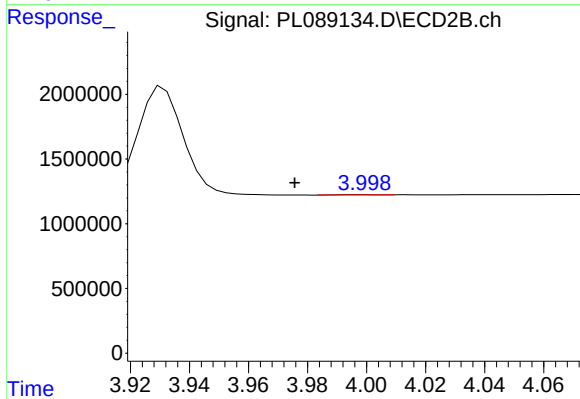
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 17622689
Conc: 9.16 ng/ml



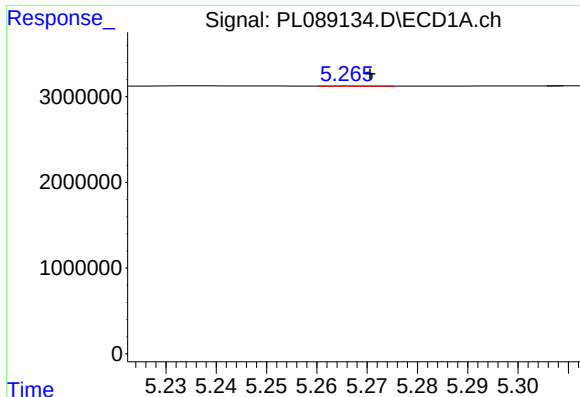
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.008 min
Response: 12080
Conc: 0.00 ng/ml



#4 Heptachlor

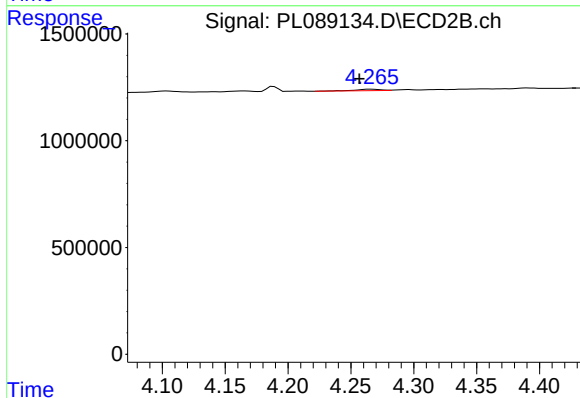
R.T.: 4.000 min
Delta R.T.: 0.024 min
Response: 16969
Conc: 0.01 ng/ml



#5 Aldrin

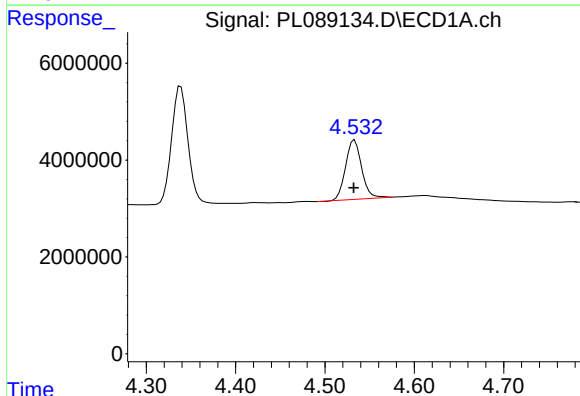
R.T.: 5.267 min
Delta R.T.: -0.004 min
Response: 11194
Conc: 0.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



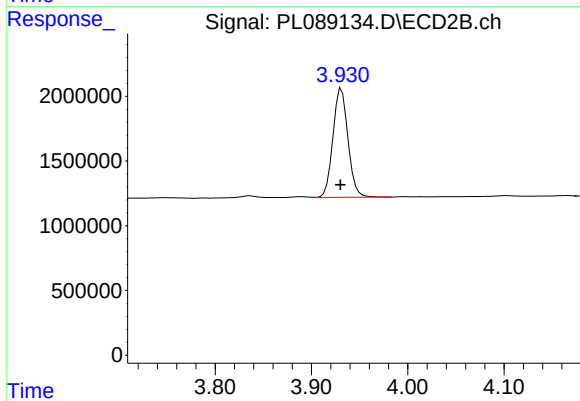
#5 Aldrin

R.T.: 4.266 min
Delta R.T.: 0.009 min
Response: 101806
Conc: 0.06 ng/ml



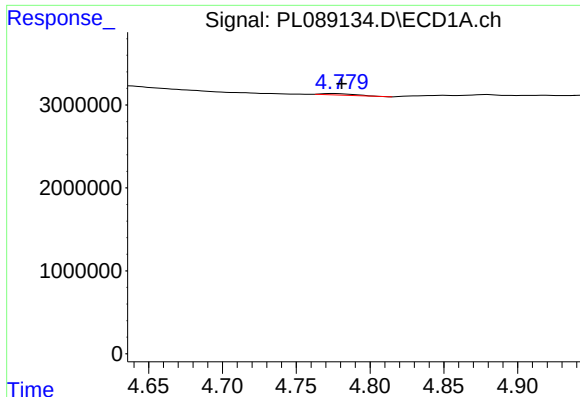
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 15283100
Conc: 11.39 ng/ml



#6 beta-BHC

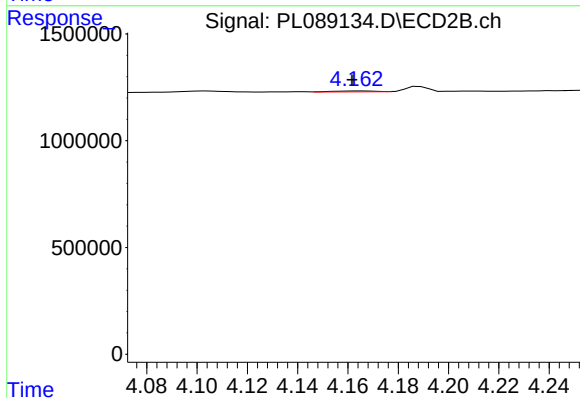
R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 9164102
Conc: 10.96 ng/ml



#7 delta-BHC

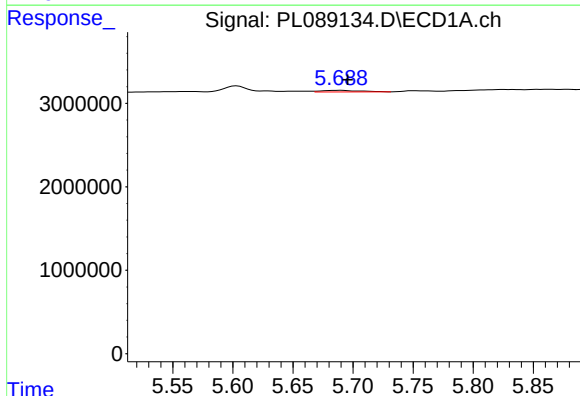
R.T.: 4.775 min
Delta R.T.: -0.005 min
Response: 273040
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



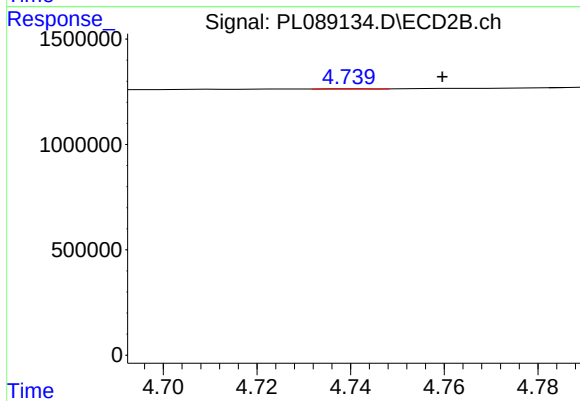
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.003 min
Response: 52405
Conc: 0.03 ng/ml



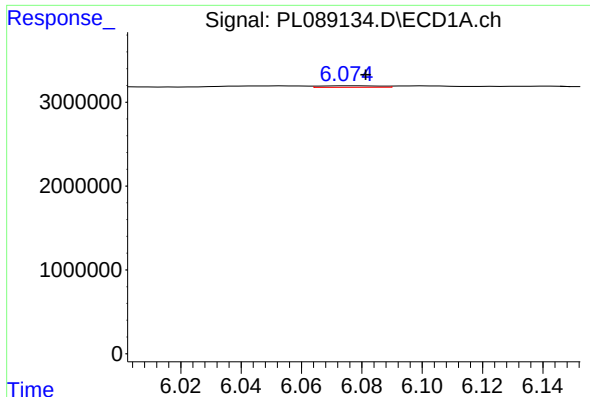
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: 410803
Conc: 0.17 ng/ml



#8 Heptachlor epoxide

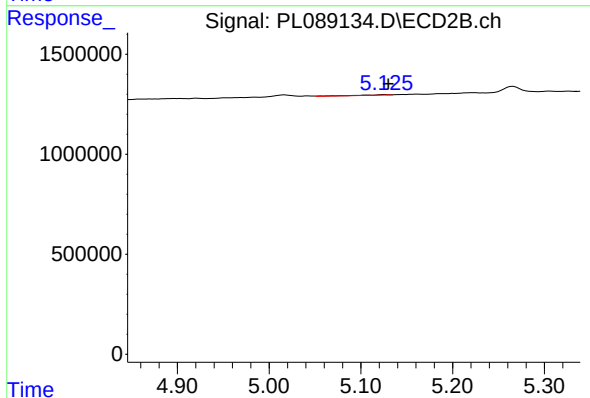
R.T.: 4.741 min
Delta R.T.: -0.018 min
Response: 8060
Conc: 0.00 ng/ml



#9 Endosulfan I

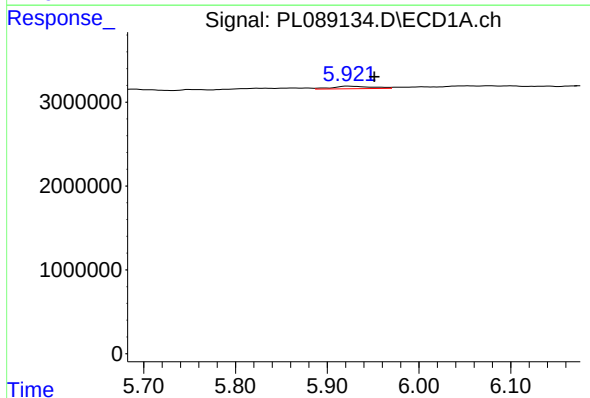
R.T.: 6.076 min
Delta R.T.: -0.005 min
Response: 248283
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



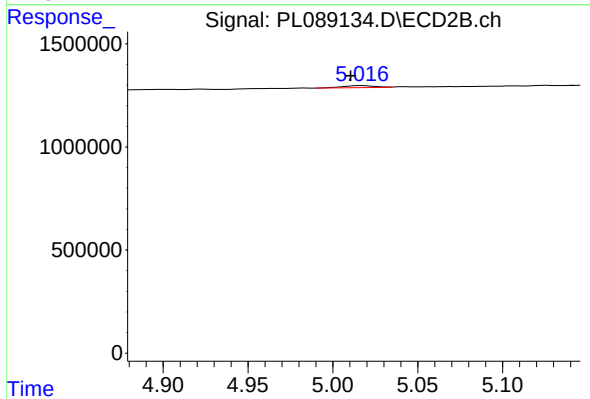
#9 Endosulfan I

R.T.: 5.126 min
Delta R.T.: -0.004 min
Response: 46701
Conc: 0.03 ng/ml



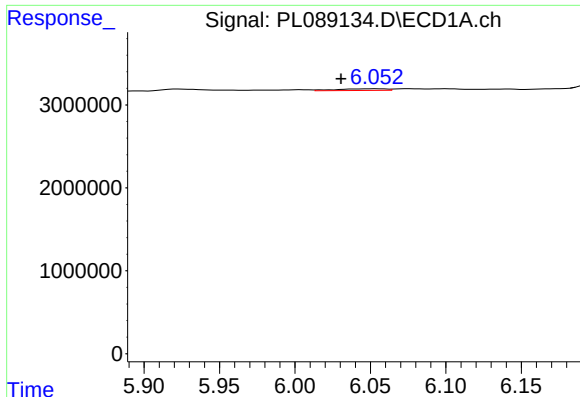
#10 gamma-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.029 min
Response: 905326
Conc: 0.39 ng/ml



#10 gamma-Chlordane

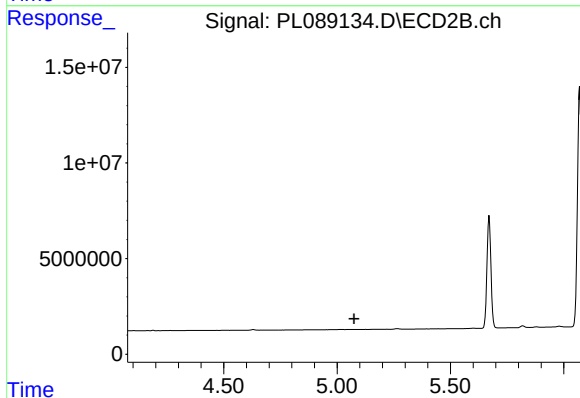
R.T.: 5.017 min
Delta R.T.: 0.006 min
Response: 130082
Conc: 0.08 ng/ml



#11 alpha-Chlordane

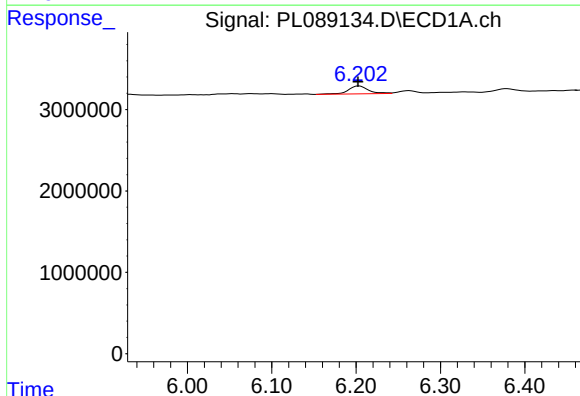
R.T.: 6.054 min
Delta R.T.: 0.024 min
Response: 476834
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



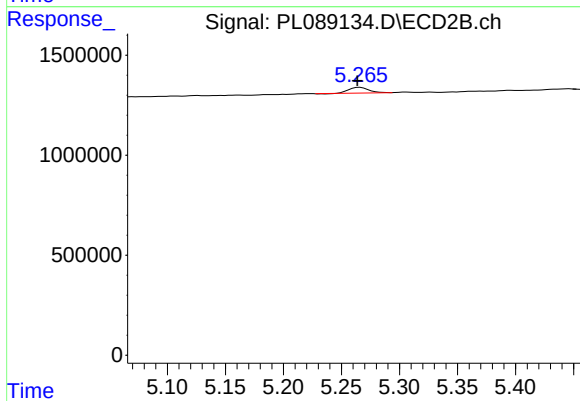
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.074 min
Response: 0
Conc: N.D.



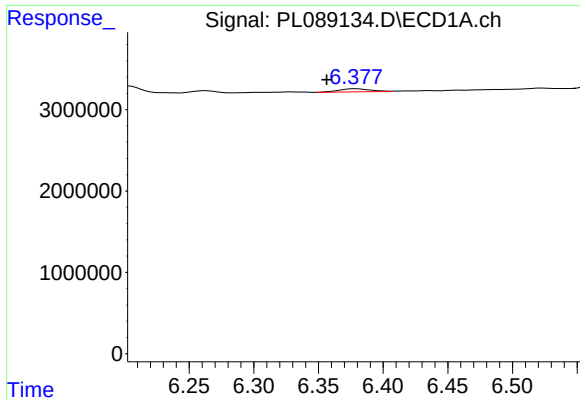
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.001 min
Response: 1603974
Conc: 0.80 ng/ml



#12 4,4'-DDE

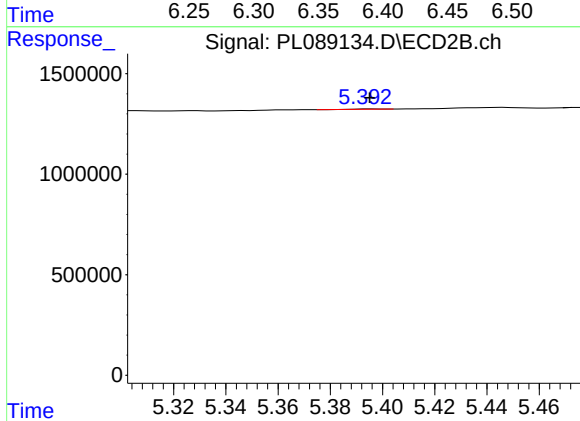
R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 347422
Conc: 0.24 ng/ml



#13 Dieldrin

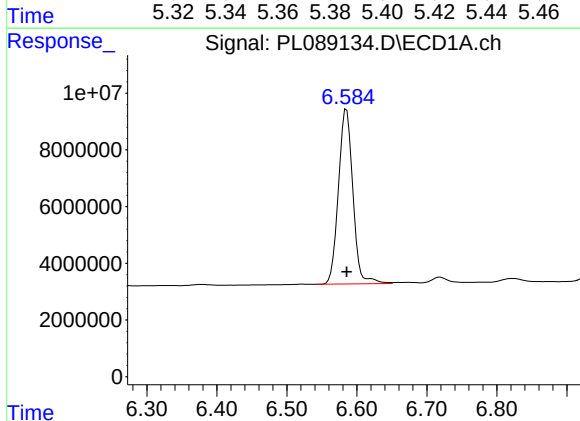
R.T.: 6.379 min
Delta R.T.: 0.022 min
Response: 619685
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



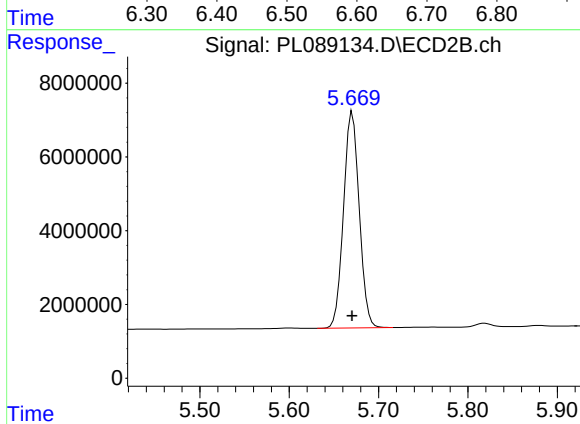
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 10853
Conc: 0.01 ng/ml



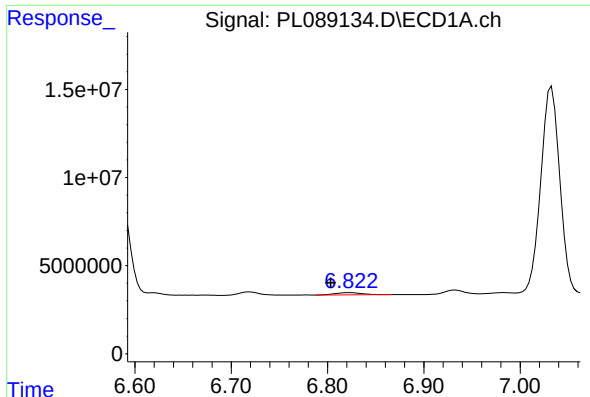
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 88515676
Conc: 47.10 ng/ml



#14 Endrin

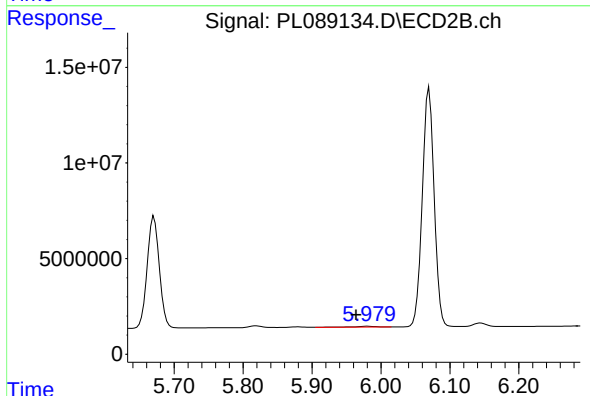
R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 71594224
Conc: 49.26 ng/ml



#15 Endosulfan II

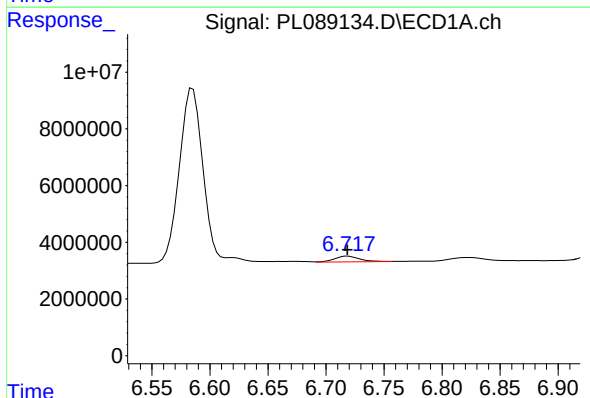
R.T.: 6.823 min
Delta R.T.: 0.020 min
Response: 2473717
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



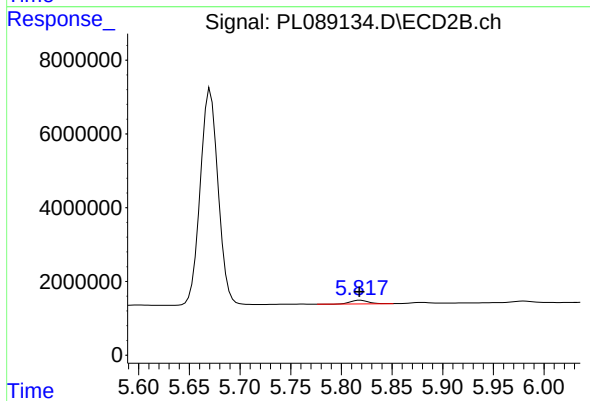
#15 Endosulfan II

R.T.: 5.981 min
Delta R.T.: 0.017 min
Response: 883669
Conc: 0.62 ng/ml



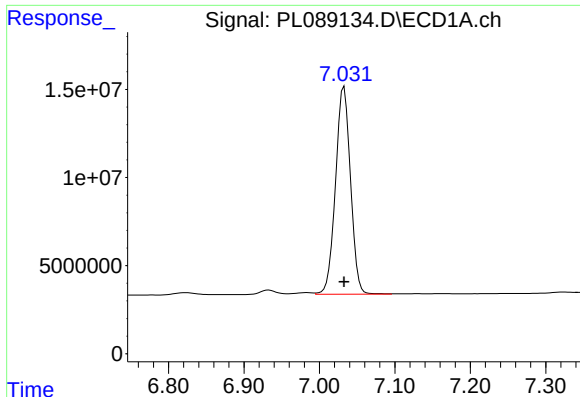
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 3057914
Conc: 1.90 ng/ml



#16 4,4'-DDD

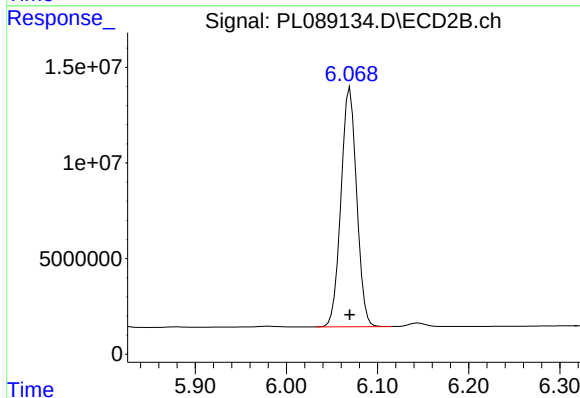
R.T.: 5.819 min
Delta R.T.: 0.001 min
Response: 1184447
Conc: 0.98 ng/ml



#17 4,4'-DDT

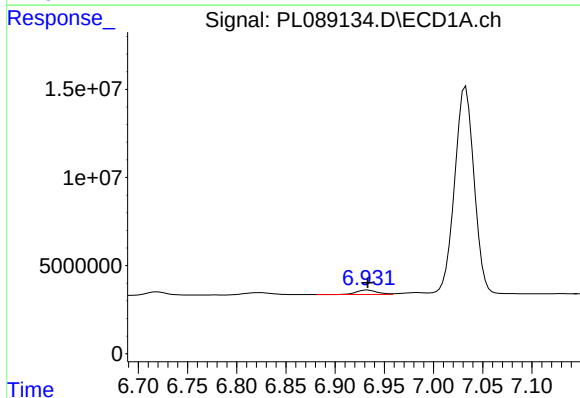
R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 162605443
Conc: 89.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



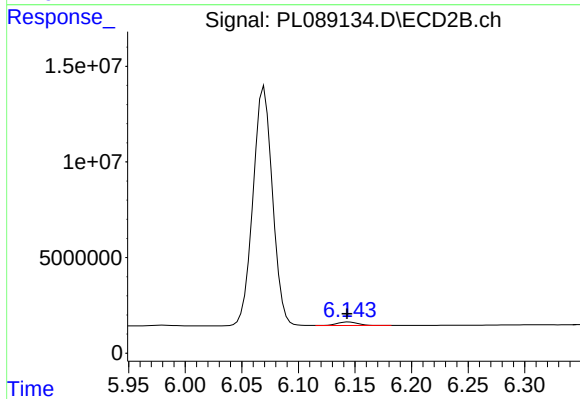
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 149623351
Conc: 114.15 ng/ml



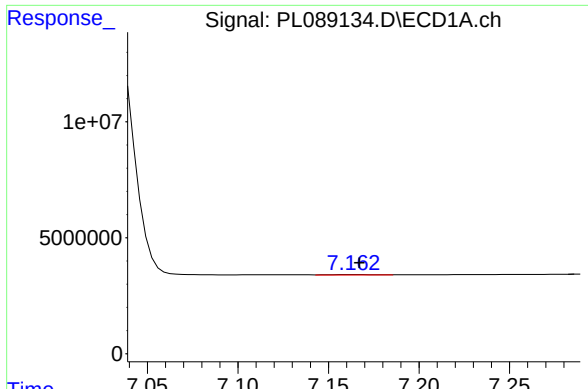
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 3634702
Conc: 2.48 ng/ml



#18 Endrin aldehyde

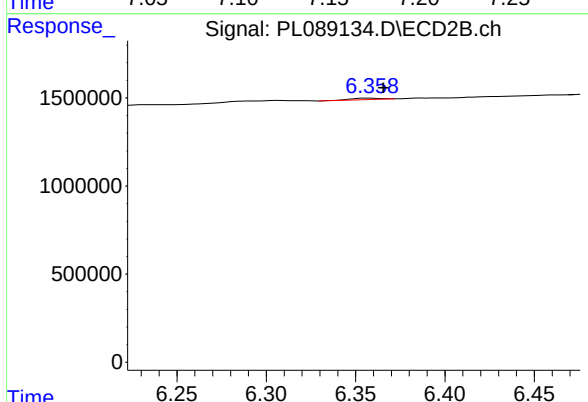
R.T.: 6.144 min
Delta R.T.: 0.001 min
Response: 2456507
Conc: 2.24 ng/ml



#19 Endosulfan Sulfate

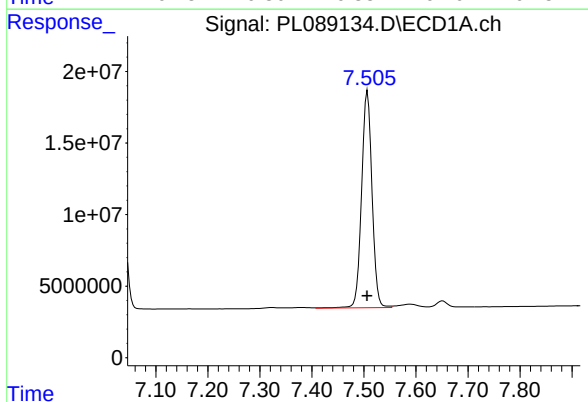
R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 238333
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



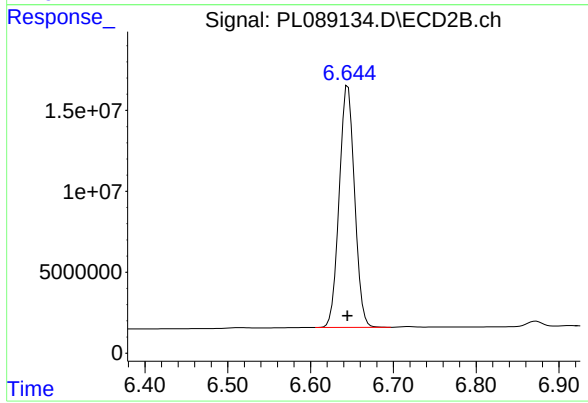
#19 Endosulfan Sulfate

R.T.: 6.358 min
Delta R.T.: -0.007 min
Response: 86495
Conc: 0.06 ng/ml



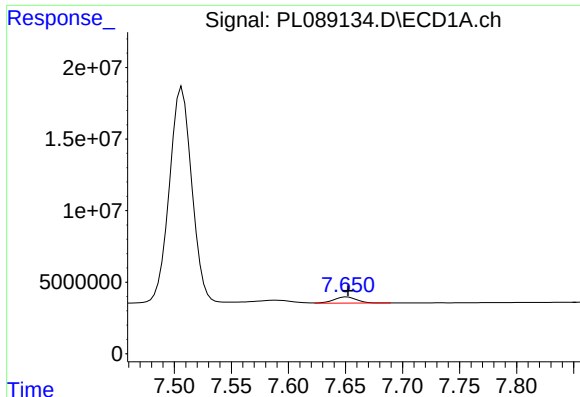
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 210143498
Conc: 238.50 ng/ml



#20 Methoxychlor

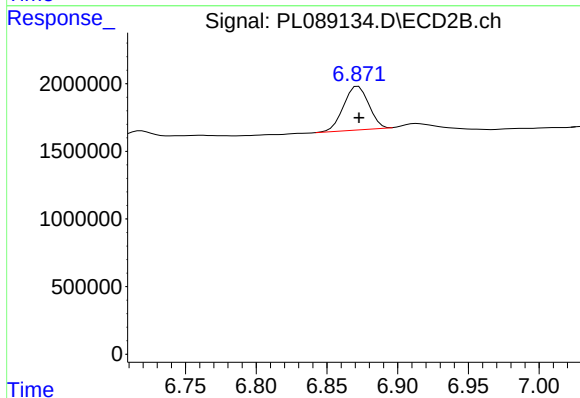
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 192423081
Conc: 257.45 ng/ml



#21 Endrin ketone

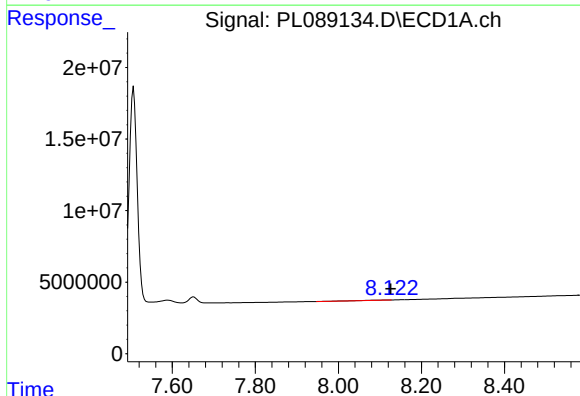
R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 5957071
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



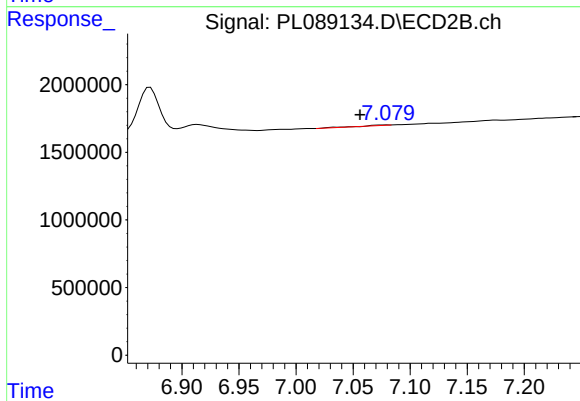
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4009760
Conc: 2.53 ng/ml



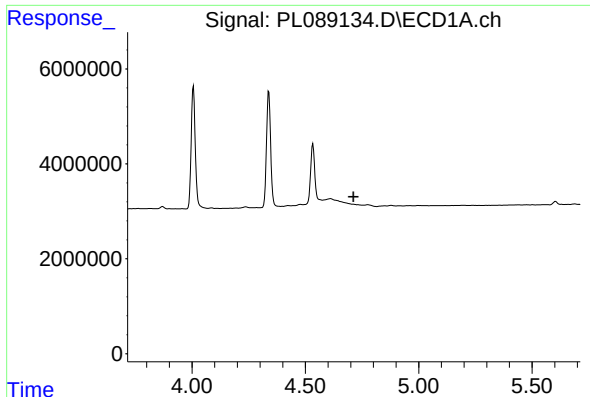
#22 Mirex

R.T.: 8.123 min
Delta R.T.: -0.003 min
Response: 421202
Conc: 0.29 ng/ml



#22 Mirex

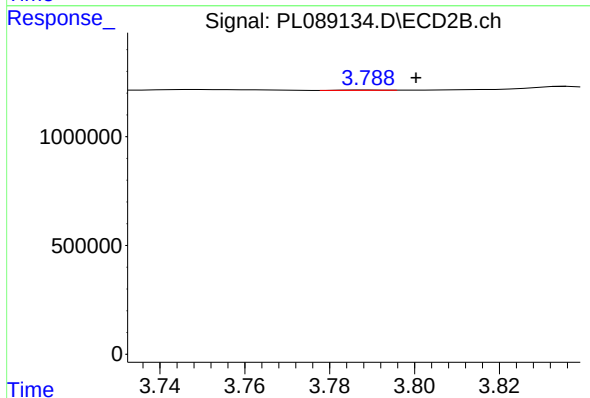
R.T.: 7.080 min
Delta R.T.: 0.024 min
Response: 54081
Conc: 0.04 ng/ml



#23 Chlordane-1

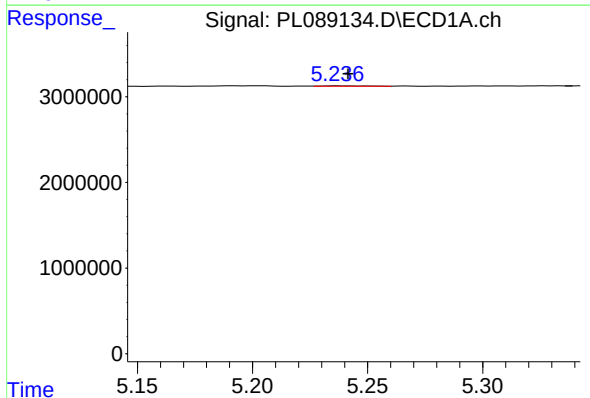
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



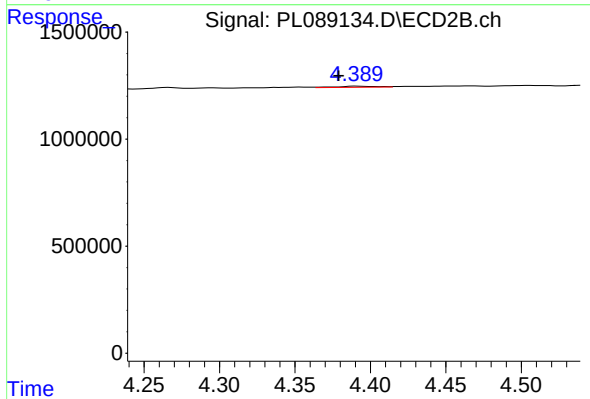
#23 Chlordane-1

R.T.: 3.790 min
Delta R.T.: -0.011 min
Response: 10689
Conc: 0.21 ng/ml



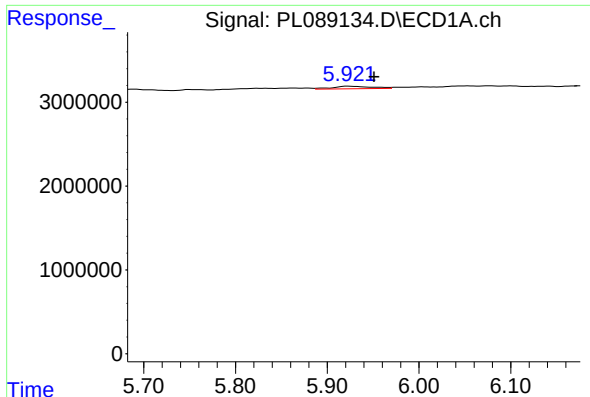
#24 Chlordane-2

R.T.: 5.237 min
Delta R.T.: -0.005 min
Response: 62306
Conc: 0.66 ng/ml



#24 Chlordane-2

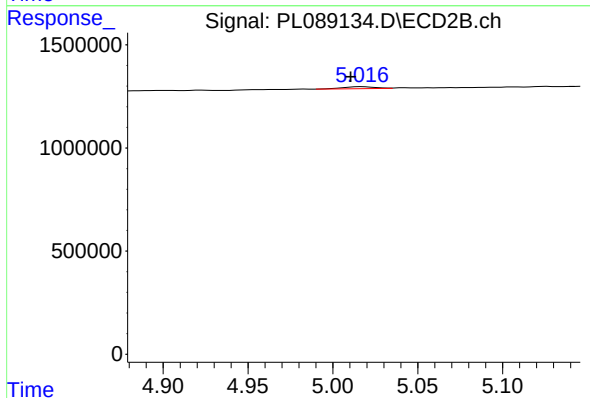
R.T.: 4.391 min
Delta R.T.: 0.011 min
Response: 99432
Conc: 1.53 ng/ml



#25 Chlordane-3

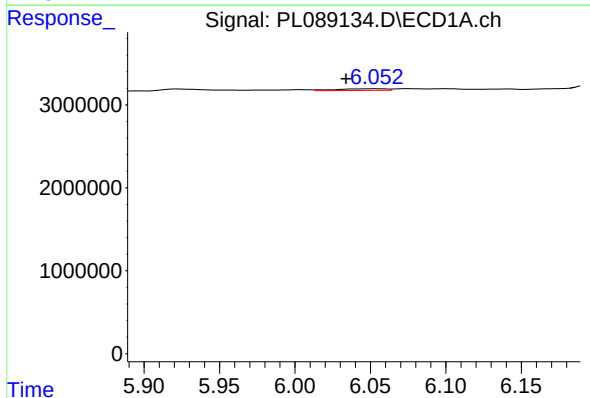
R.T.: 5.923 min
Delta R.T.: -0.028 min
Response: 905326
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



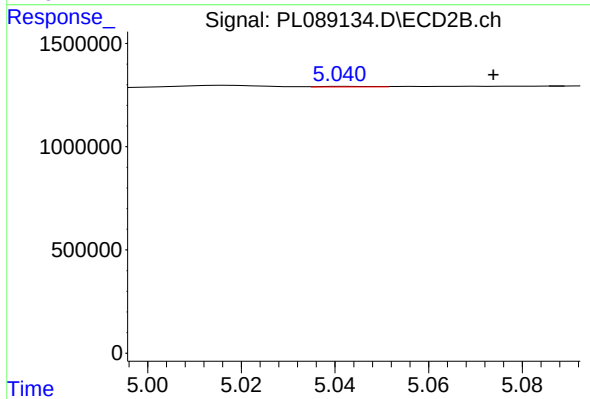
#25 Chlordane-3

R.T.: 5.017 min
Delta R.T.: 0.006 min
Response: 130082
Conc: 0.75 ng/ml



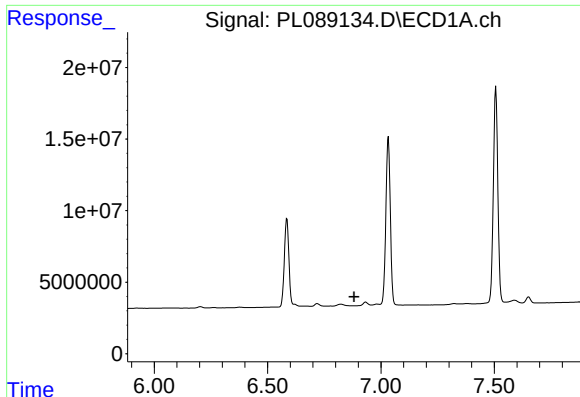
#26 Chlordane-4

R.T.: 6.054 min
Delta R.T.: 0.020 min
Response: 476834
Conc: 1.21 ng/ml



#26 Chlordane-4

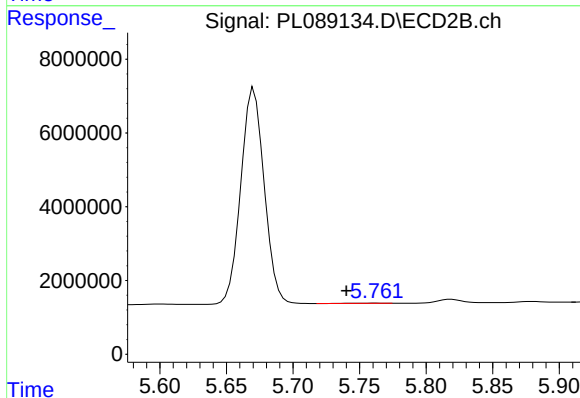
R.T.: 5.042 min
Delta R.T.: -0.032 min
Response: 20313
Conc: 0.13 ng/ml



#27 Chlordane-5

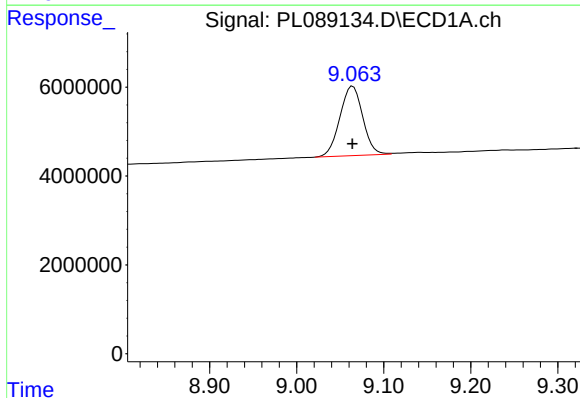
R.T.: 0.000 min
Exp R.T.: 6.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



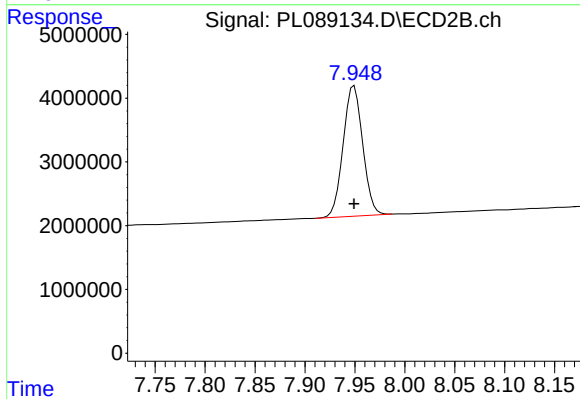
#27 Chlordane-5

R.T.: 5.762 min
Delta R.T.: 0.022 min
Response: 80729
Conc: 1.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 28521579
Conc: 22.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 27803701
Conc: 20.76 ng/ml