

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052424\New folder\
 Data File : PL089728.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2024 15:52
 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 24 23:54:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 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...	3.549	2.793	44662669	29247028	21.332	20.398
28)	SA Decachlor...	9.067	7.944	32631440	31645271	22.193	21.295
Target Compounds							
2)	A alpha-BHC	4.004	3.298	32923806	20036500	11.043	9.373
3)	MA gamma-BHC...	4.337	3.629	31275772	18528755	10.762	8.859
4)	MA Heptachlor	4.909f	0.000	196380	0	0.075	N.D. #
5)	MB Aldrin	5.264	4.261	67085	1188680	0.025	0.595 #
6)	B beta-BHC	4.532	3.926	13204382	10209589	10.109	11.160
7)	B delta-BHC	4.761f	4.161	671649	259109	0.244	0.129 #
8)	B Heptachlo...	5.690	4.759	12262648	21588	4.923	0.012 #
9)	A Endosulfan I	6.082	0.000	275587	0	0.122	N.D. #
10)	B gamma-Chl...	5.979f	5.010	21870	232974	0.009	0.125 #
11)	B alpha-Chl...	6.020	5.065	73370	459089	0.031	0.245 #
12)	B 4,4'-DDE	6.204	5.260	1744867	545551	0.802	0.327 #
13)	MA Dieldrin	6.378f	5.381	294813	155109	0.124	0.084 #
14)	MA Endrin	6.585	5.666	98431864	77950280	48.960	47.589
15)	B Endosulfa...	6.822f	5.976f	2440791	654704	1.171	0.407 #
16)	A 4,4'-DDD	6.720	5.814	3144098	1613612	1.795	1.145 #
17)	MA 4,4'-DDT	7.033	6.065	167.5E6	159.3E6	90.969	104.921
18)	B Endrin al...	6.934	6.140	2957845	2499773	1.908	2.060
19)	B Endosulfa...	7.163	6.355	39918	112917	0.021	0.072 #
20)	A Methoxychlor	7.509	6.640	214.3E6	208.1E6	218.210	233.956
21)	B Endrin ke...	7.652	6.867	5914230	4645547	2.809	2.549
22)	Mirex	8.109f	7.066	15751	179903	0.009	0.117 #
23)	Chlordane-1	0.000	3.796	0	47660	N.D.	0.727 #
24)	Chlordane-2	5.252	4.387	51612	828846	0.430	10.390 #
25)	Chlordane-3	5.922f	5.010	290417	232974	0.726	1.047 #
26)	Chlordane-4	6.020	5.065	73370	459089	0.150	2.171 #
27)	Chlordane-5	6.882	5.759f	27988	391402	0.288	5.765 #

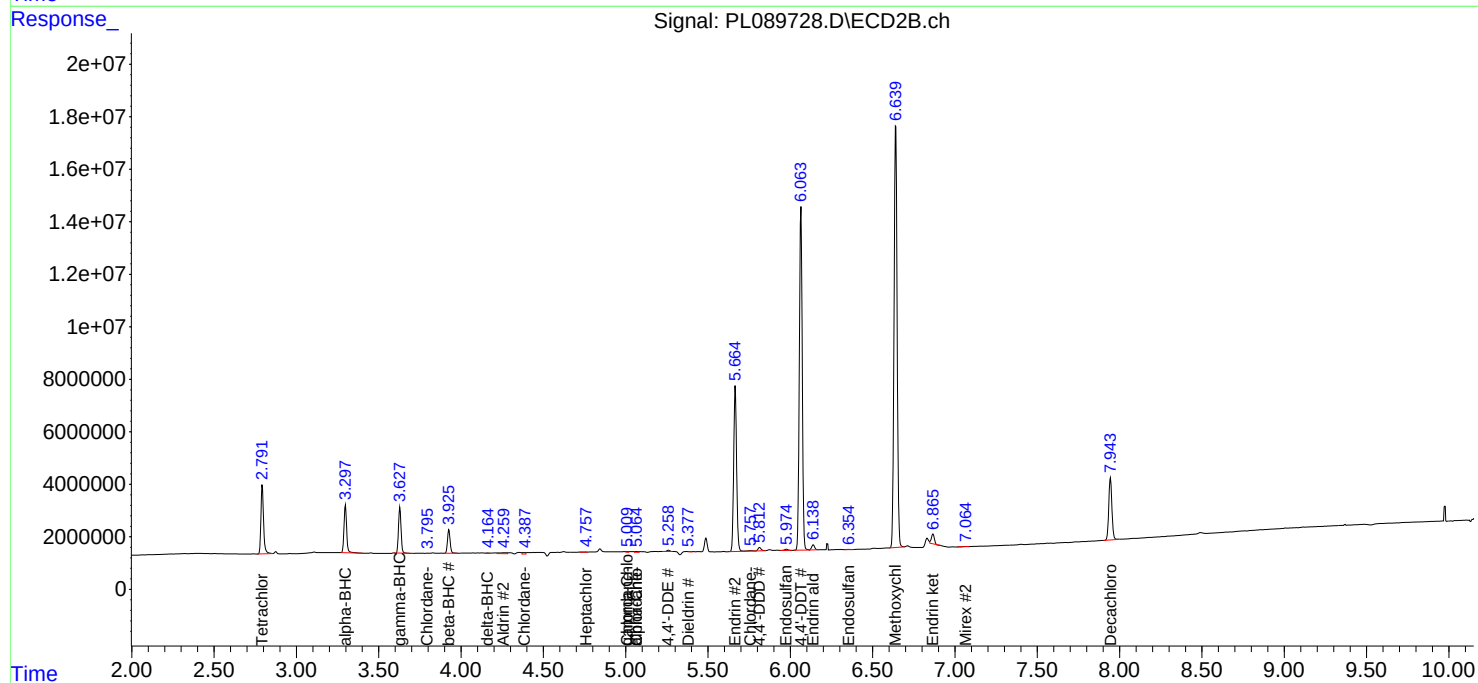
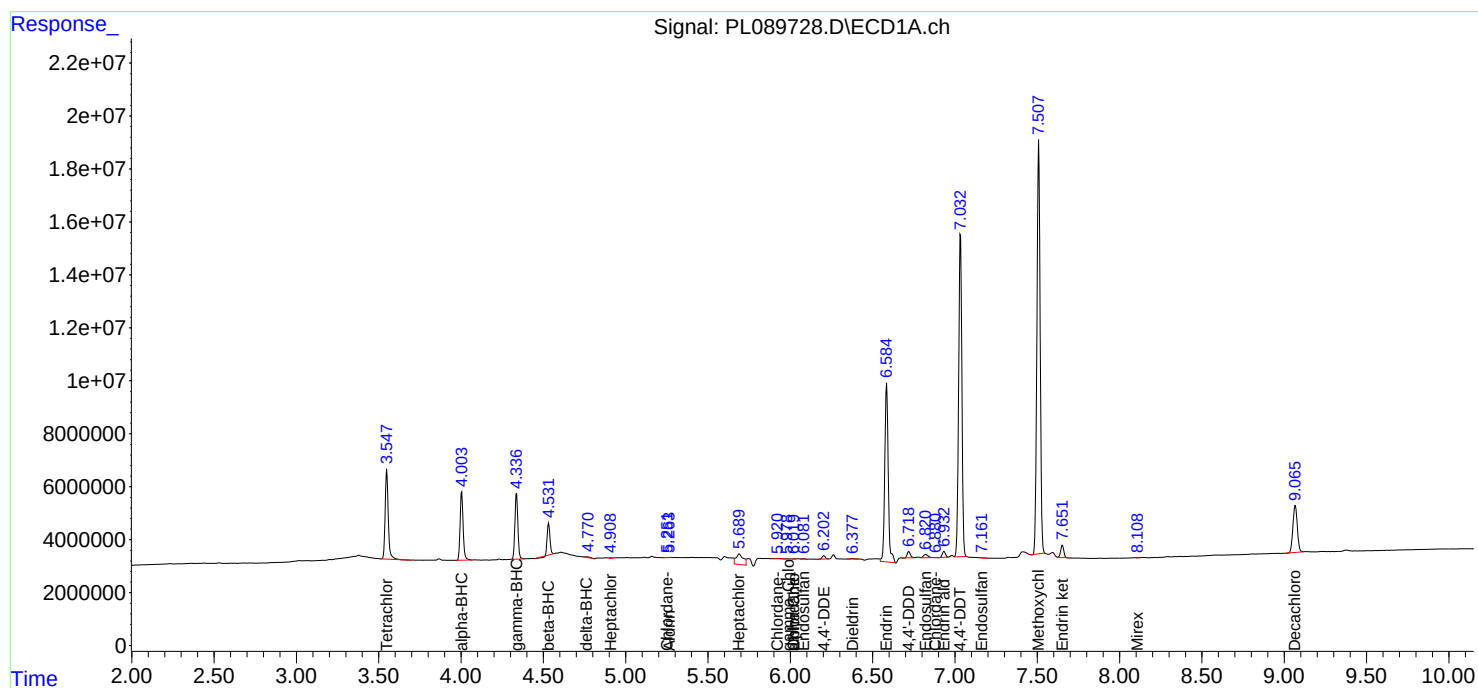
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

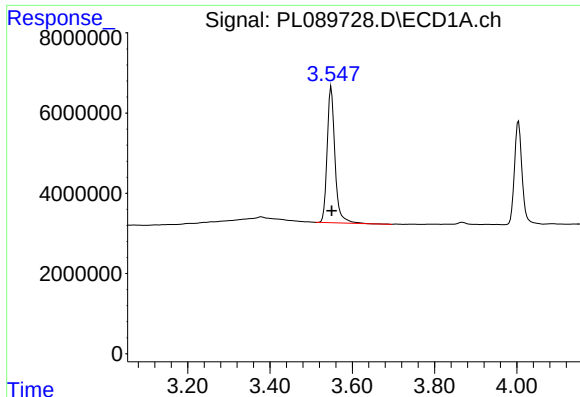
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052424\New folder\
Data File : PL089728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2024 15:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 23:54:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
Quant Title : GC Extractables
QLast Update : Fri May 24 14:57:01 2024
Response via : Initial Calibration
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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

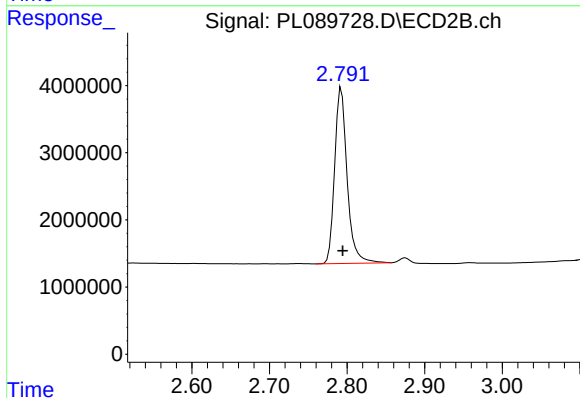




#1 Tetrachloro-m-xylene

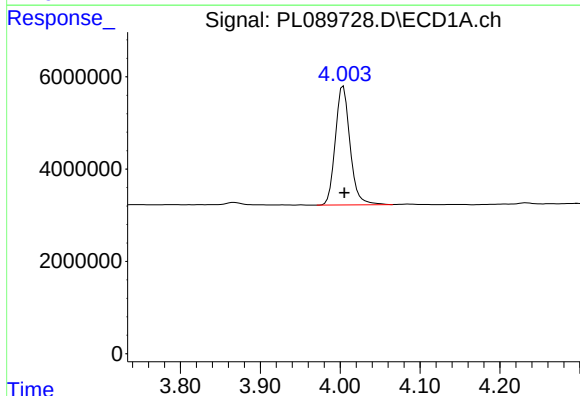
R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 44662669
Conc: 21.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



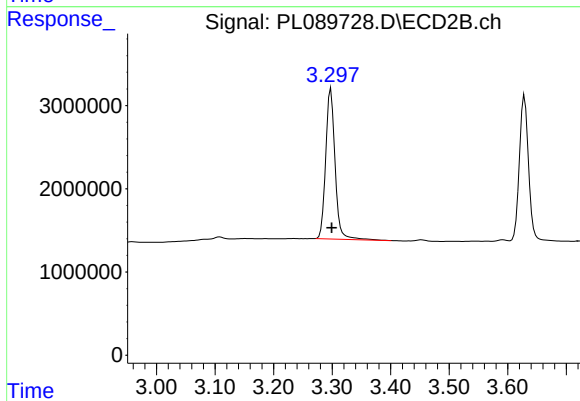
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.002 min
Response: 29247028
Conc: 20.40 ng/ml



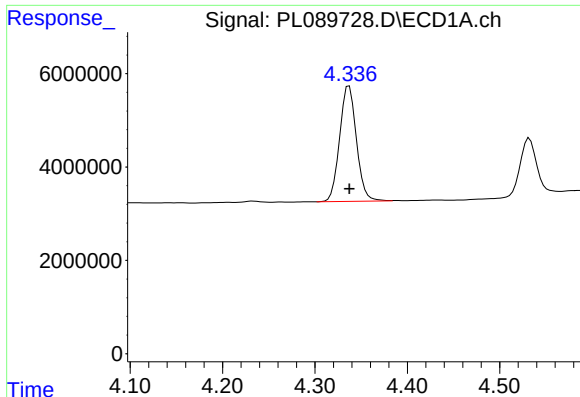
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 32923806
Conc: 11.04 ng/ml



#2 alpha-BHC

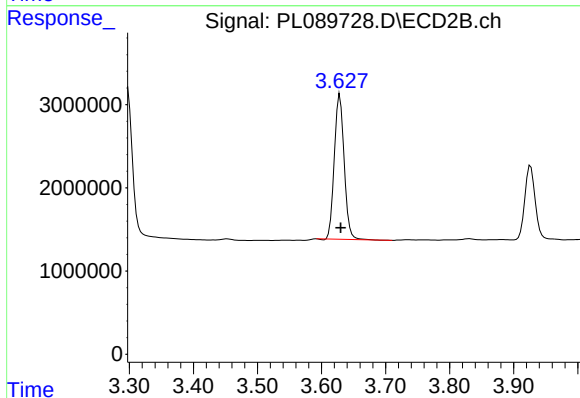
R.T.: 3.298 min
Delta R.T.: -0.002 min
Response: 20036500
Conc: 9.37 ng/ml



#3 gamma-BHC (Lindane)

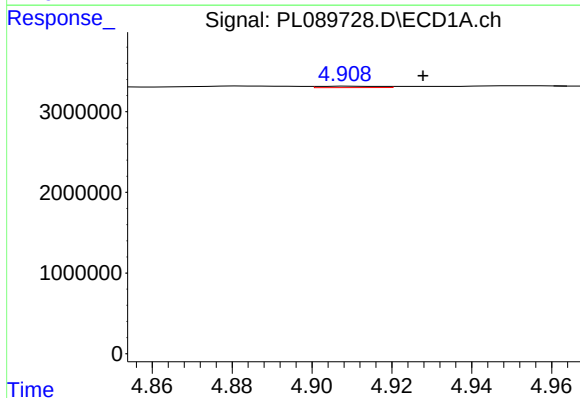
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 31275772
Conc: 10.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



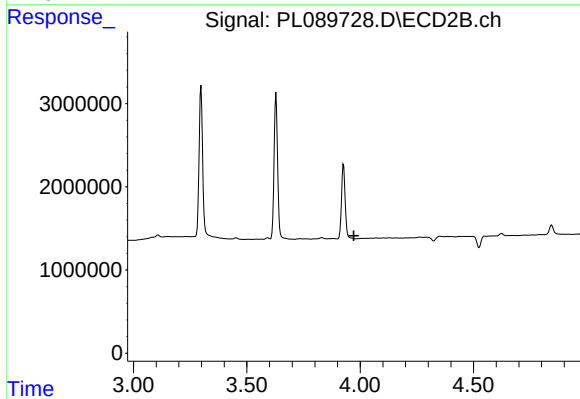
#3 gamma-BHC (Lindane)

R.T.: 3.629 min
Delta R.T.: -0.001 min
Response: 18528755
Conc: 8.86 ng/ml



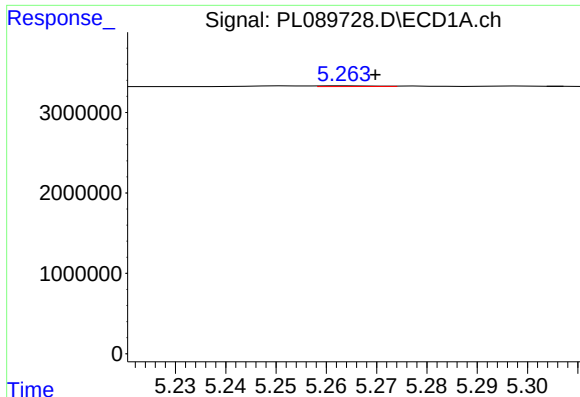
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.019 min
Response: 196380
Conc: 0.08 ng/ml



#4 Heptachlor

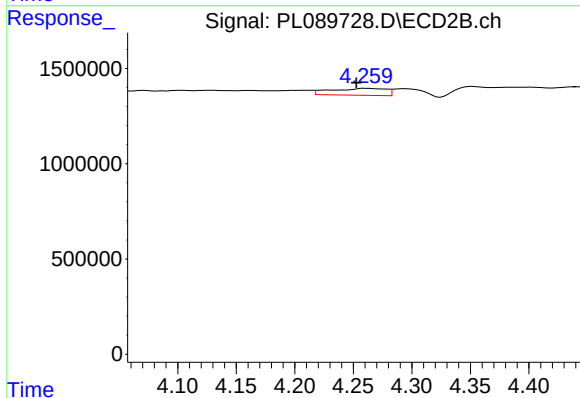
R.T.: 0.000 min
Exp R.T.: 3.972 min
Response: 0
Conc: N.D.



#5 Aldrin

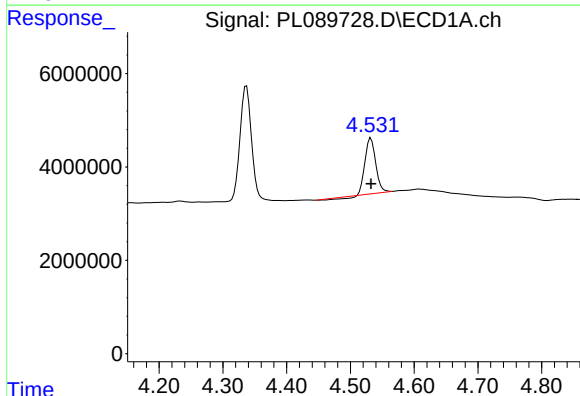
R.T.: 5.264 min
Delta R.T.: -0.005 min
Response: 67085
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



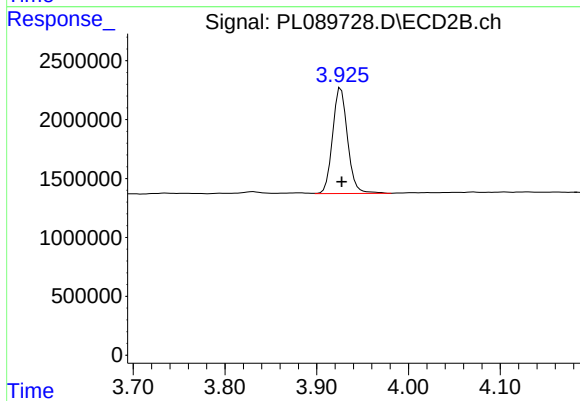
#5 Aldrin

R.T.: 4.261 min
Delta R.T.: 0.008 min
Response: 1188680
Conc: 0.59 ng/ml



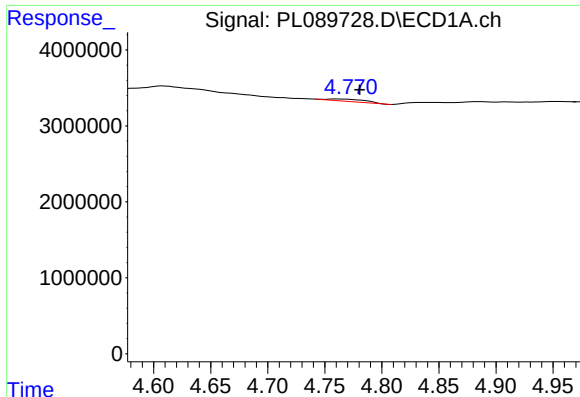
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 13204382
Conc: 10.11 ng/ml



#6 beta-BHC

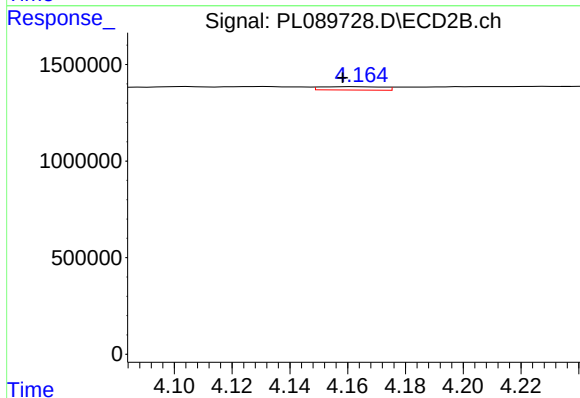
R.T.: 3.926 min
Delta R.T.: -0.001 min
Response: 10209589
Conc: 11.16 ng/ml



#7 delta-BHC

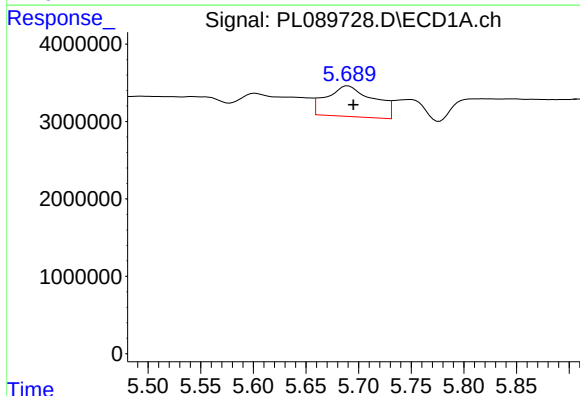
R.T.: 4.761 min
Delta R.T.: -0.019 min
Response: 671649
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



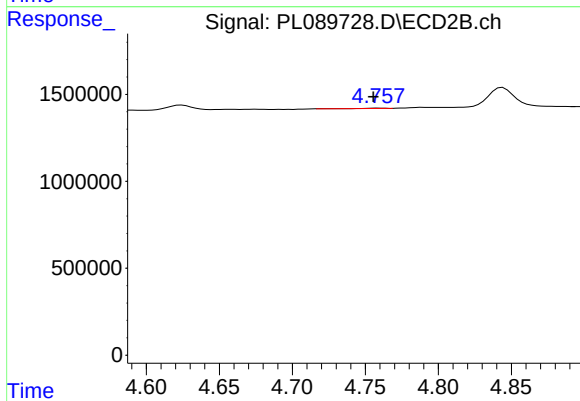
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.003 min
Response: 259109
Conc: 0.13 ng/ml



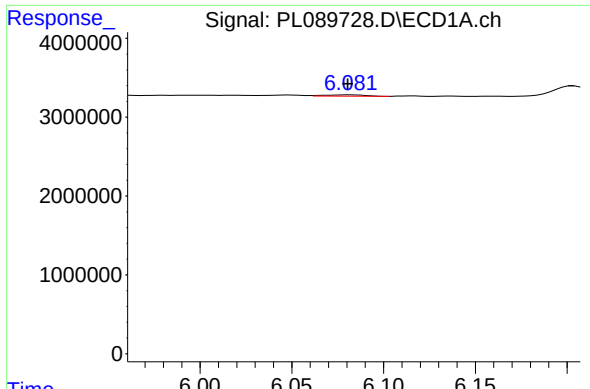
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.005 min
Response: 12262648
Conc: 4.92 ng/ml



#8 Heptachlor epoxide

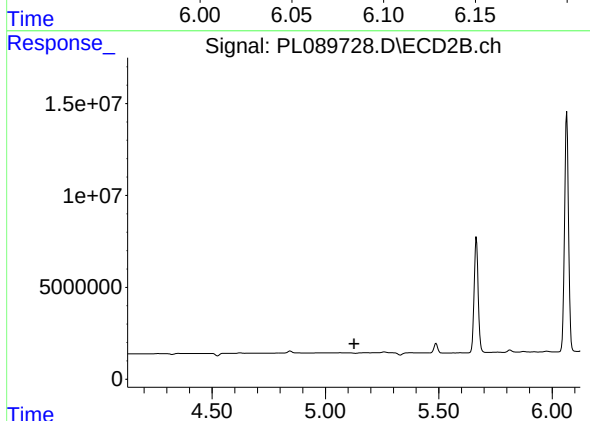
R.T.: 4.759 min
Delta R.T.: 0.003 min
Response: 21588
Conc: 0.01 ng/ml



#9 Endosulfan I

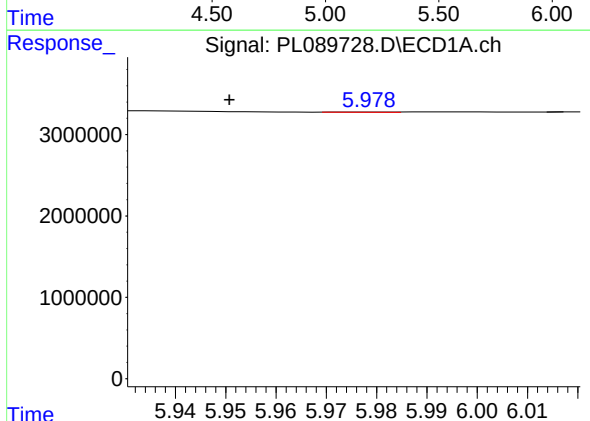
R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 275587
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



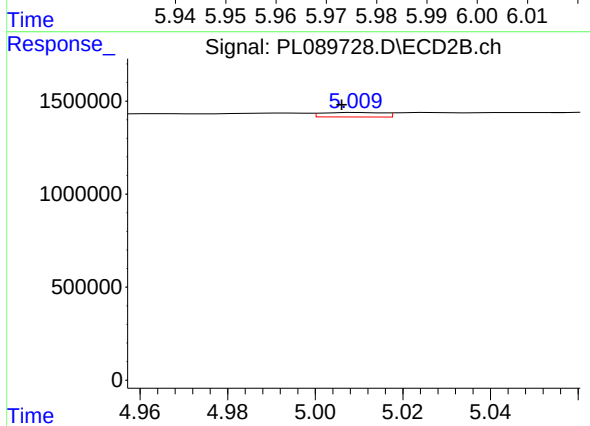
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.126 min
Response: 0
Conc: N.D.



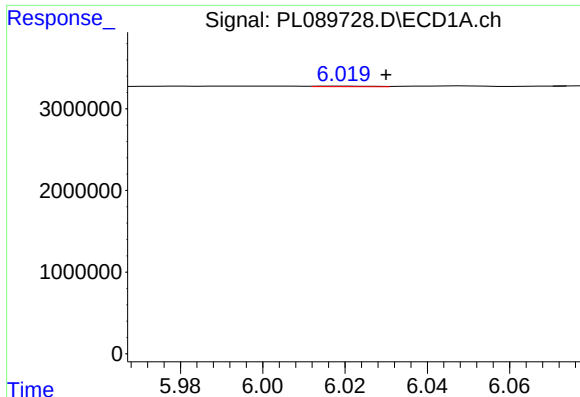
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.029 min
Response: 21870
Conc: 0.01 ng/ml



#10 gamma-Chlordane

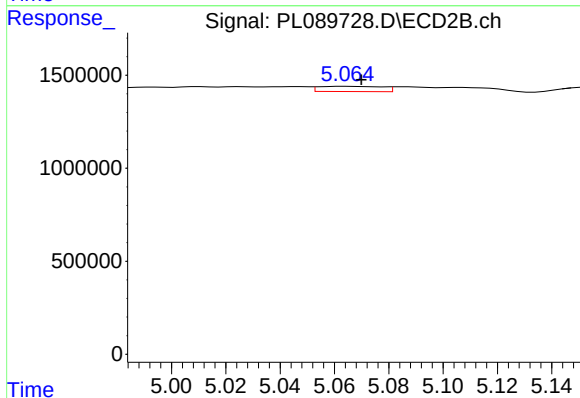
R.T.: 5.010 min
Delta R.T.: 0.004 min
Response: 232974
Conc: 0.12 ng/ml



#11 alpha-Chlordane

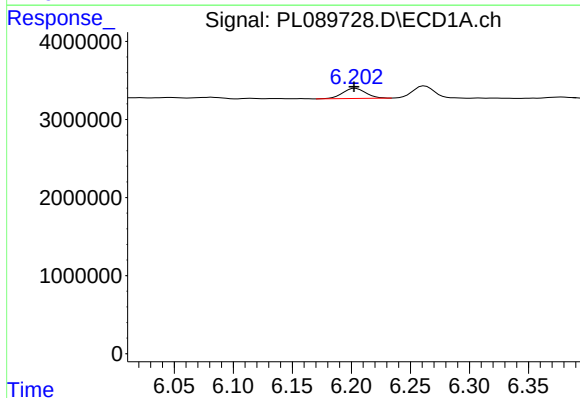
R.T.: 6.020 min
Delta R.T.: -0.010 min
Response: 73370
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



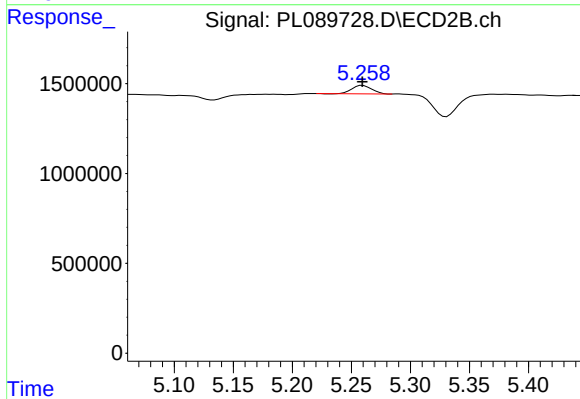
#11 alpha-Chlordane

R.T.: 5.065 min
Delta R.T.: -0.005 min
Response: 459089
Conc: 0.24 ng/ml



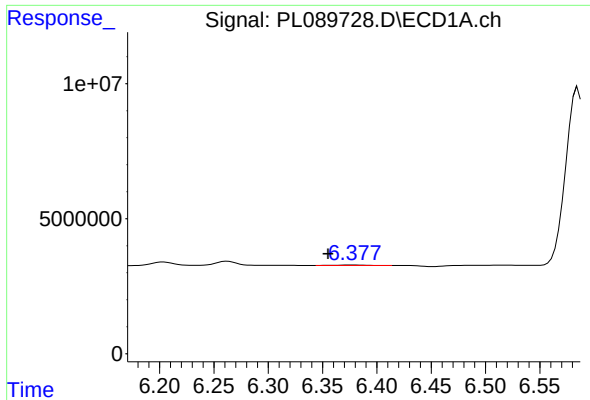
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.001 min
Response: 1744867
Conc: 0.80 ng/ml



#12 4,4'-DDE

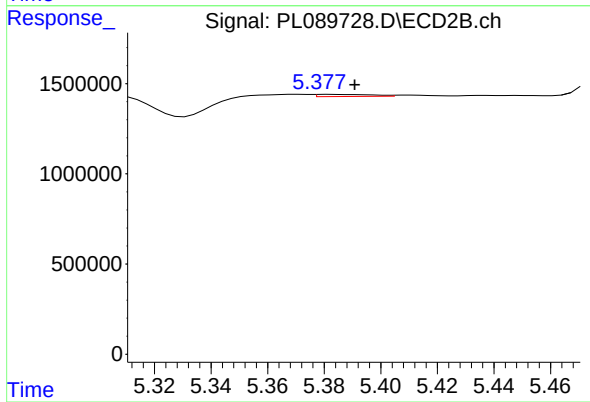
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 545551
Conc: 0.33 ng/ml



#13 Dieldrin

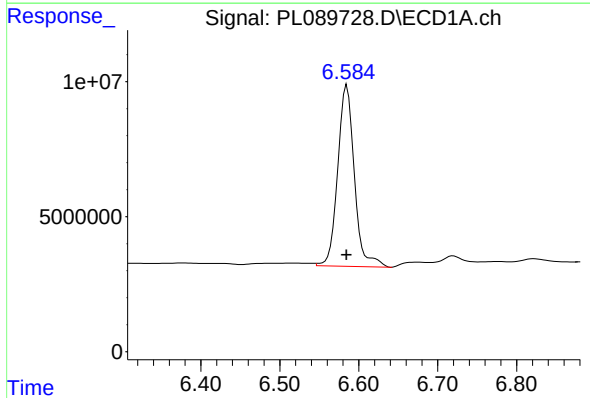
R.T.: 6.378 min
Delta R.T.: 0.023 min
Response: 294813
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



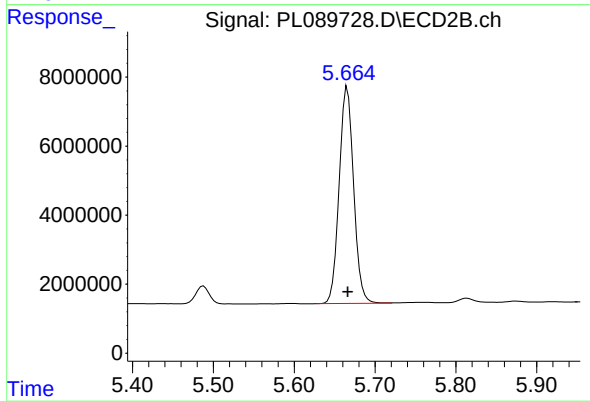
#13 Dieldrin

R.T.: 5.381 min
Delta R.T.: -0.010 min
Response: 155109
Conc: 0.08 ng/ml



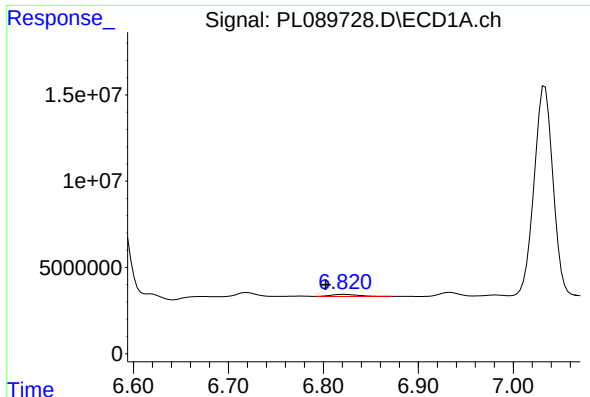
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 98431864
Conc: 48.96 ng/ml



#14 Endrin

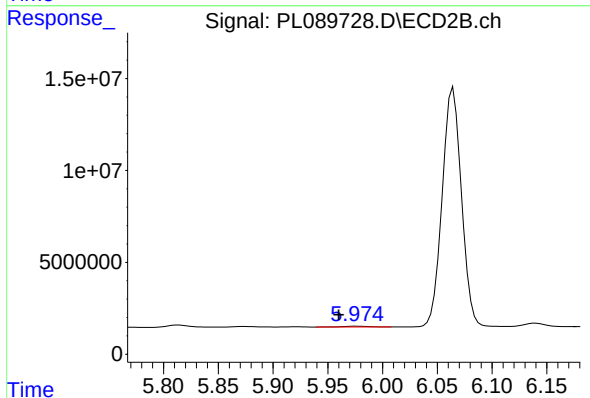
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 77950280
Conc: 47.59 ng/ml



#15 Endosulfan II

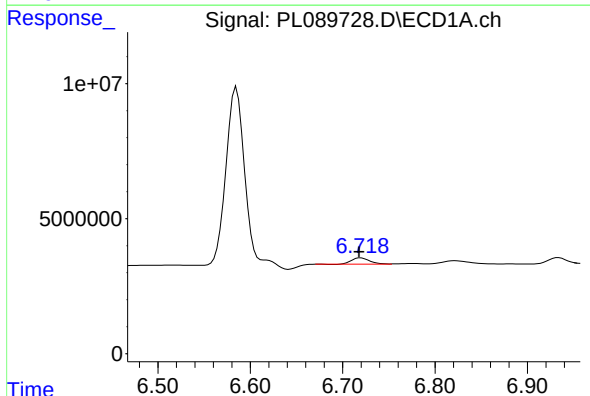
R.T.: 6.822 min
Delta R.T.: 0.019 min
Response: 2440791
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



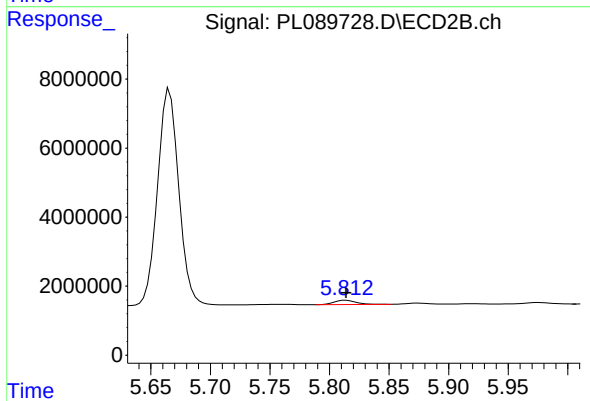
#15 Endosulfan II

R.T.: 5.976 min
Delta R.T.: 0.016 min
Response: 654704
Conc: 0.41 ng/ml



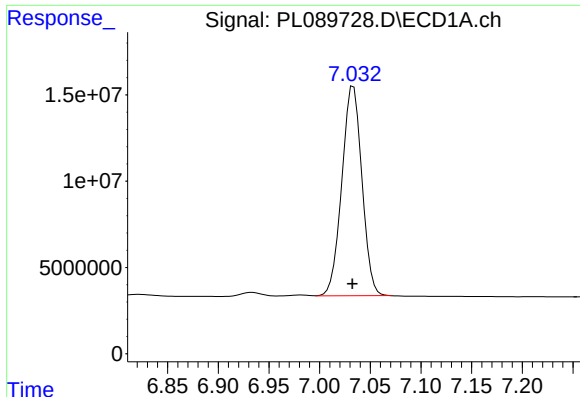
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.002 min
Response: 3144098
Conc: 1.79 ng/ml



#16 4,4'-DDD

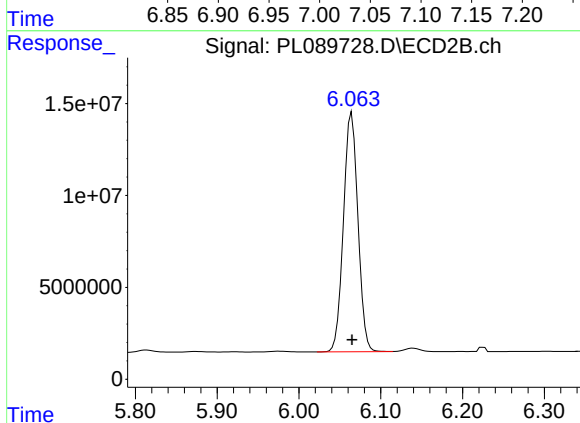
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 1613612
Conc: 1.14 ng/ml



#17 4,4'-DDT

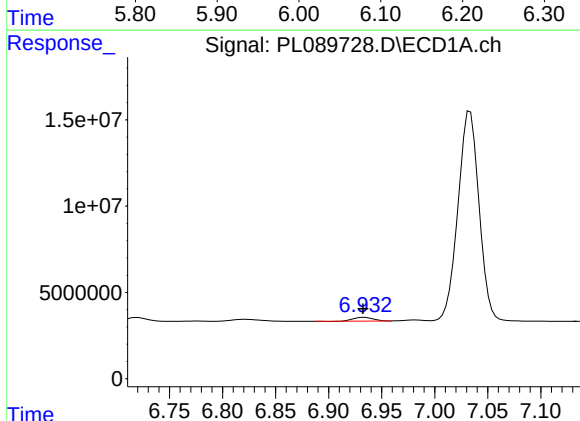
R.T.: 7.033 min
Delta R.T.: 0.001 min
Response: 167482277
Conc: 90.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



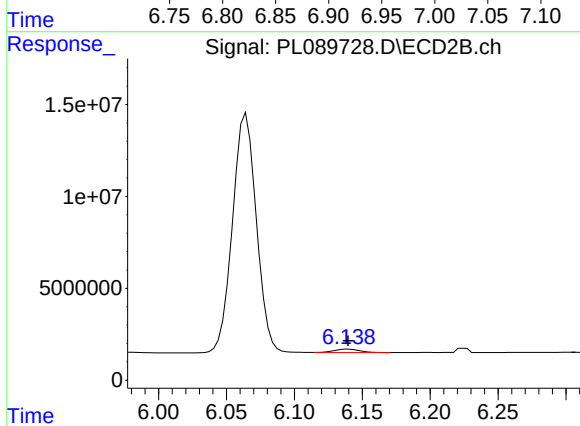
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 159332500
Conc: 104.92 ng/ml



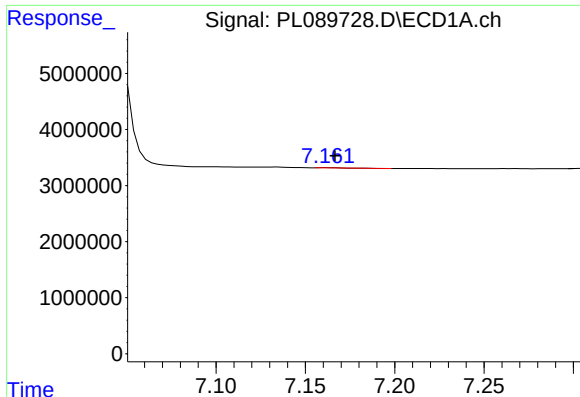
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.001 min
Response: 2957845
Conc: 1.91 ng/ml



#18 Endrin aldehyde

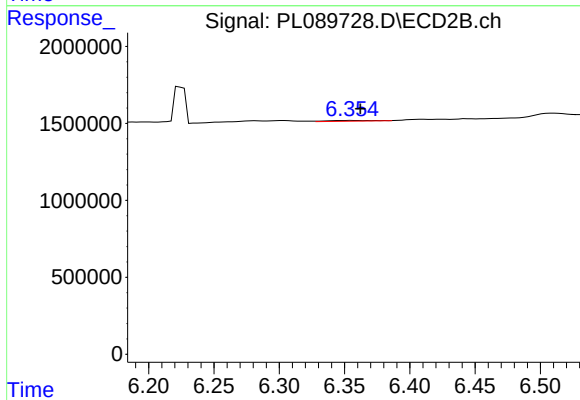
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 2499773
Conc: 2.06 ng/ml



#19 Endosulfan Sulfate

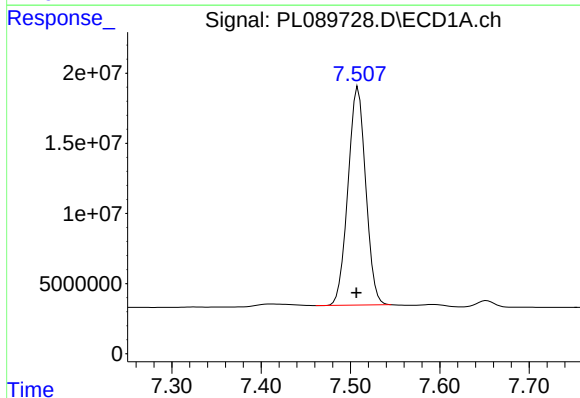
R.T.: 7.163 min
Delta R.T.: -0.004 min
Response: 39918
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



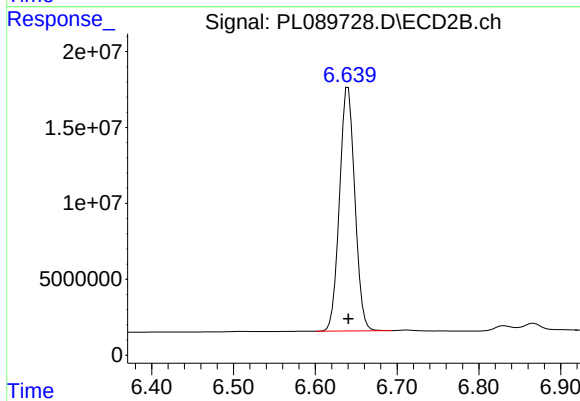
#19 Endosulfan Sulfate

R.T.: 6.355 min
Delta R.T.: -0.007 min
Response: 112917
Conc: 0.07 ng/ml



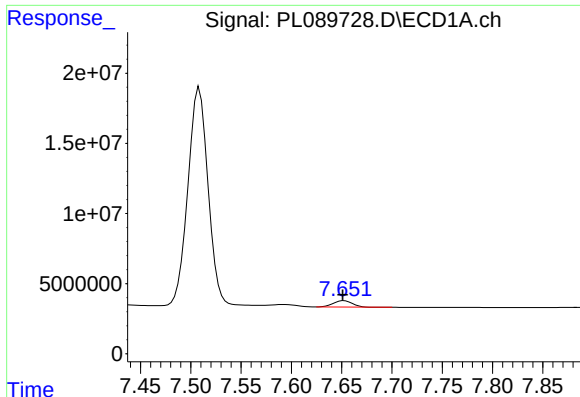
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.002 min
Response: 214320582
Conc: 218.21 ng/ml



#20 Methoxychlor

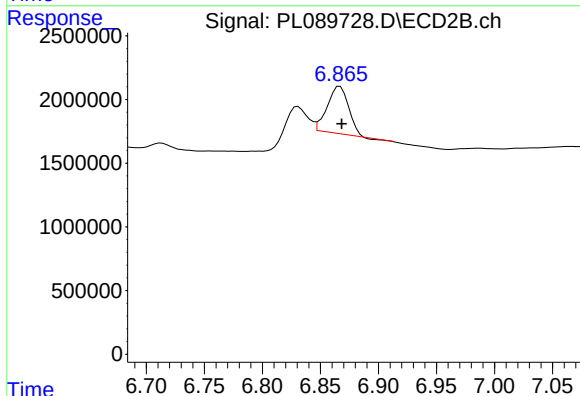
R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 208122409
Conc: 233.96 ng/ml



#21 Endrin ketone

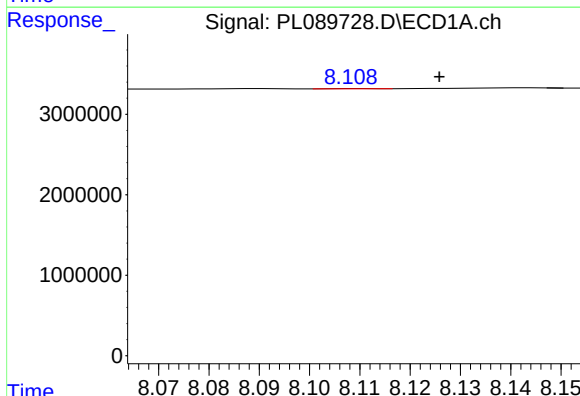
R.T.: 7.652 min
Delta R.T.: 0.001 min
Response: 5914230
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



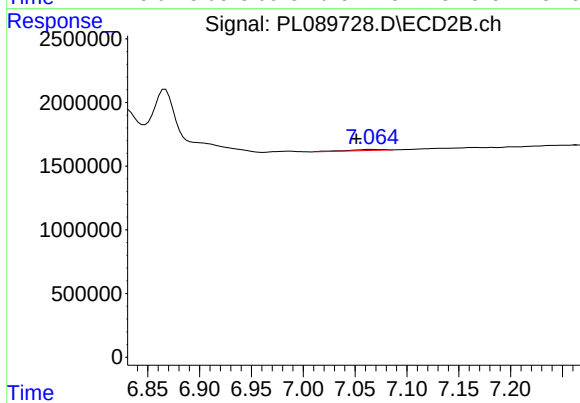
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: -0.002 min
Response: 4645547
Conc: 2.55 ng/ml



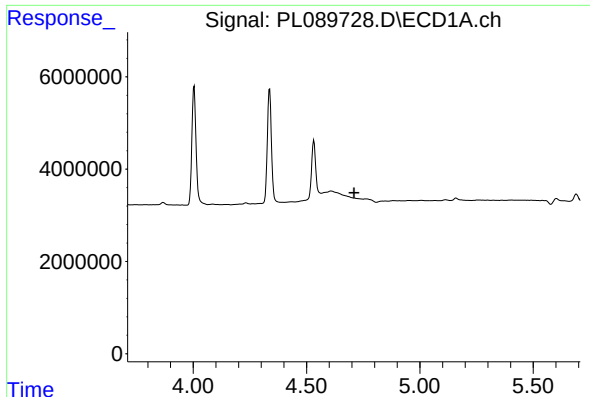
#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.017 min
Response: 15751
Conc: 0.01 ng/ml



#22 Mirex

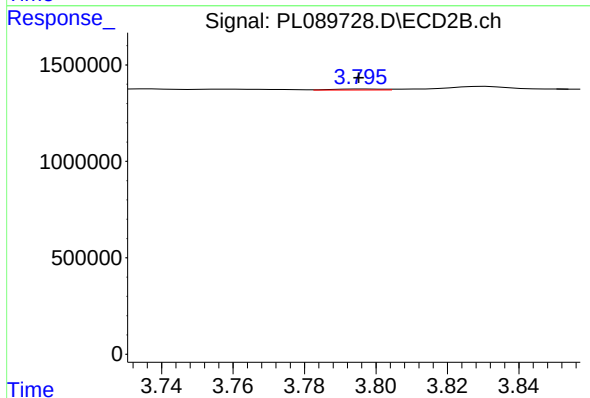
R.T.: 7.066 min
Delta R.T.: 0.015 min
Response: 179903
Conc: 0.12 ng/ml



#23 Chlordane-1

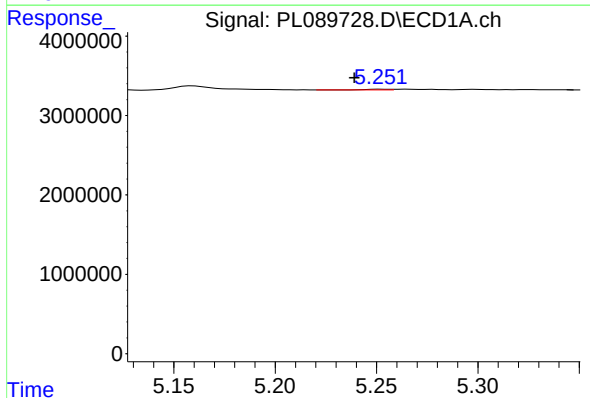
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



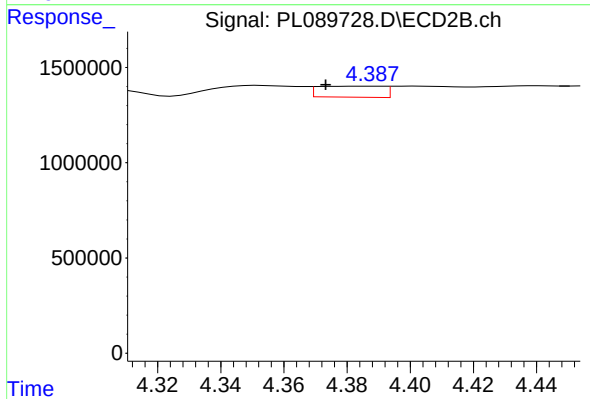
#23 Chlordane-1

R.T.: 3.796 min
Delta R.T.: 0.001 min
Response: 47660
Conc: 0.73 ng/ml



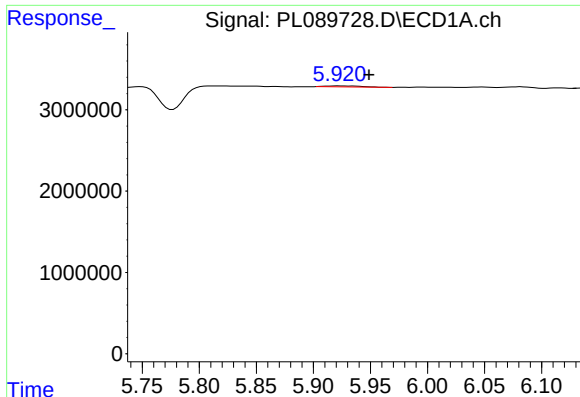
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.013 min
Response: 51612
Conc: 0.43 ng/ml



#24 Chlordane-2

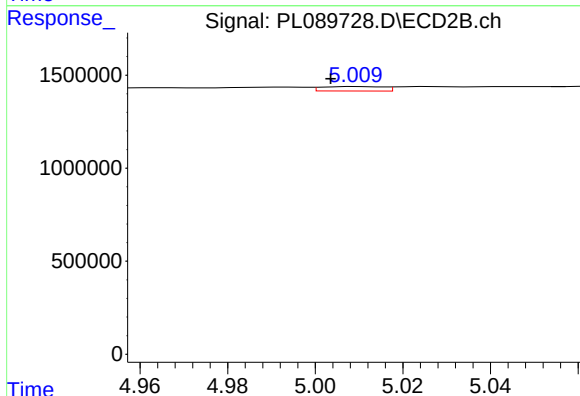
R.T.: 4.387 min
Delta R.T.: 0.013 min
Response: 828846
Conc: 10.39 ng/ml



#25 Chlordane-3

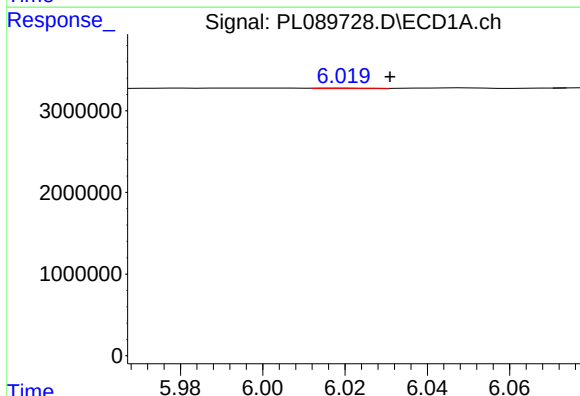
R.T.: 5.922 min
Delta R.T.: -0.027 min
Response: 290417
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



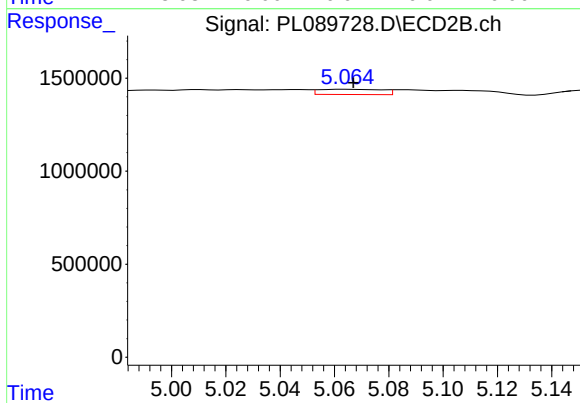
#25 Chlordane-3

R.T.: 5.010 min
Delta R.T.: 0.006 min
Response: 232974
Conc: 1.05 ng/ml



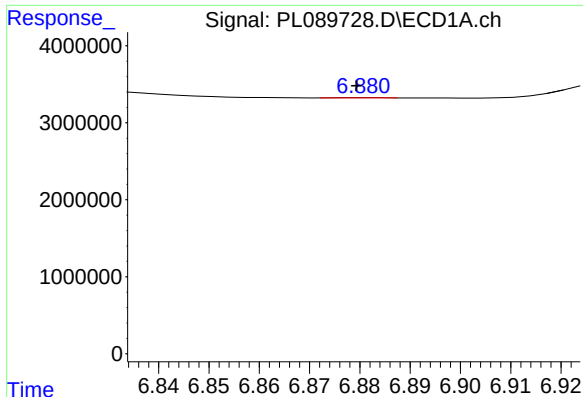
#26 Chlordane-4

R.T.: 6.020 min
Delta R.T.: -0.011 min
Response: 73370
Conc: 0.15 ng/ml



#26 Chlordane-4

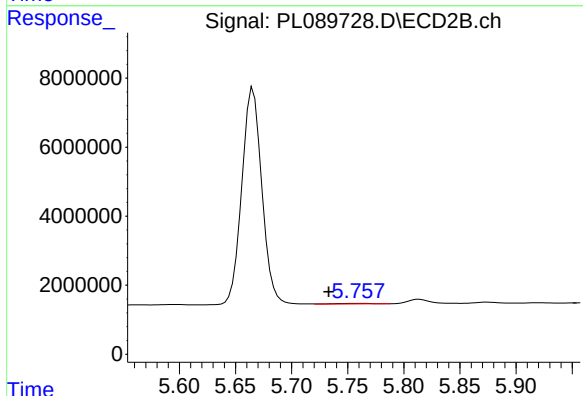
R.T.: 5.065 min
Delta R.T.: -0.002 min
Response: 459089
Conc: 2.17 ng/ml



#27 Chlordane-5

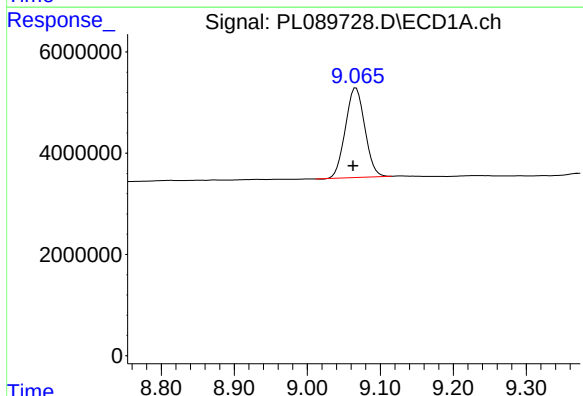
R.T.: 6.882 min
Delta R.T.: 0.002 min
Response: 27988
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



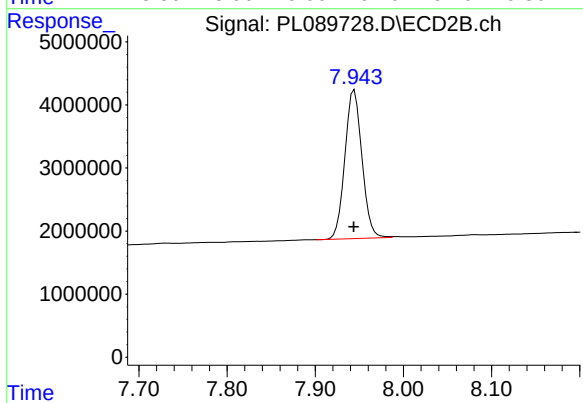
#27 Chlordane-5

R.T.: 5.759 min
Delta R.T.: 0.026 min
Response: 391402
Conc: 5.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.004 min
Response: 32631440
Conc: 22.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 31645271
Conc: 21.30 ng/ml