

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080425\
 Data File : PD089721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 09:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 06:33:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.877	54865995	391.5E6	22.244	24.716
28)	SA Decachlor...	9.068	8.065	88177298	502.2E6	23.727	25.014
Target Compounds							
2)	A alpha-BHC	3.997	3.389	52809074	323.9E6	10.661	13.326 #
3)	MA gamma-BHC...	4.327	3.726	52171382	299.4E6	10.978	13.292
4)	MA Heptachlor	0.000	4.073	0	1200965	N.D.	0.052 #
5)	MB Aldrin	5.248f	4.362	281580	895630	0.062	0.040 #
6)	B beta-BHC	4.513	4.021	21847117	130.5E6	11.843	13.526
7)	B delta-BHC	4.756	4.254	1064515	291942	0.232	0.013 #
8)	B Heptachlo...	5.682	4.876	625756	1079288	0.150	0.053 #
9)	A Endosulfan I	6.070	5.259f	77712	409007	0.020	0.021
10)	B gamma-Chl...	5.941	5.120	359869	5134830	0.086	0.237 #
11)	B alpha-Chl...	6.030	5.184	779579	2736064	0.185	0.131 #
12)	B 4,4'-DDE	6.194	5.372	401283	2049349	0.108	0.097
13)	MA Dieldrin	6.368f	5.490f	126608	95694	0.030	0.004 #
14)	MA Endrin	6.571	5.784	203.1E6	1140.3E6	56.770	57.227
15)	B Endosulfa...	6.768f	6.081	563650	4090579	0.154	0.218 #
16)	A 4,4'-DDD	6.702	5.924	3787387	30519310	1.265	1.731 #
17)	MA 4,4'-DDT	7.018	6.178	377.4E6	2146.5E6	112.299	116.833
18)	B Endrin al...	6.913	6.252	1128216	14811035	0.452	1.146 #
19)	B Endosulfa...	0.000	6.462f	0	299355	N.D.	0.016 #
20)	A Methoxychlor	7.490	6.748	470.1E6	2229.0E6	262.946	227.550
21)	B Endrin ke...	7.627	6.984	3390651	37457571	0.913	1.867 #
22)	Mirex	8.114	7.170	73806	4952851	0.026	0.325 #
23)	Chlordane-1	0.000	3.897	0	1159364	N.D.	1.585 #
24)	Chlordane-2	5.248	4.486	281580	1678688	1.657	2.196 #
25)	Chlordane-3	5.941	5.120	359869	5134830	0.525	2.219 #
26)	Chlordane-4	6.030	5.184	779579	2736064	0.931	1.375 #
27)	Chlordane-5	6.868	6.081	148465	4090579	1.029	4.521 #

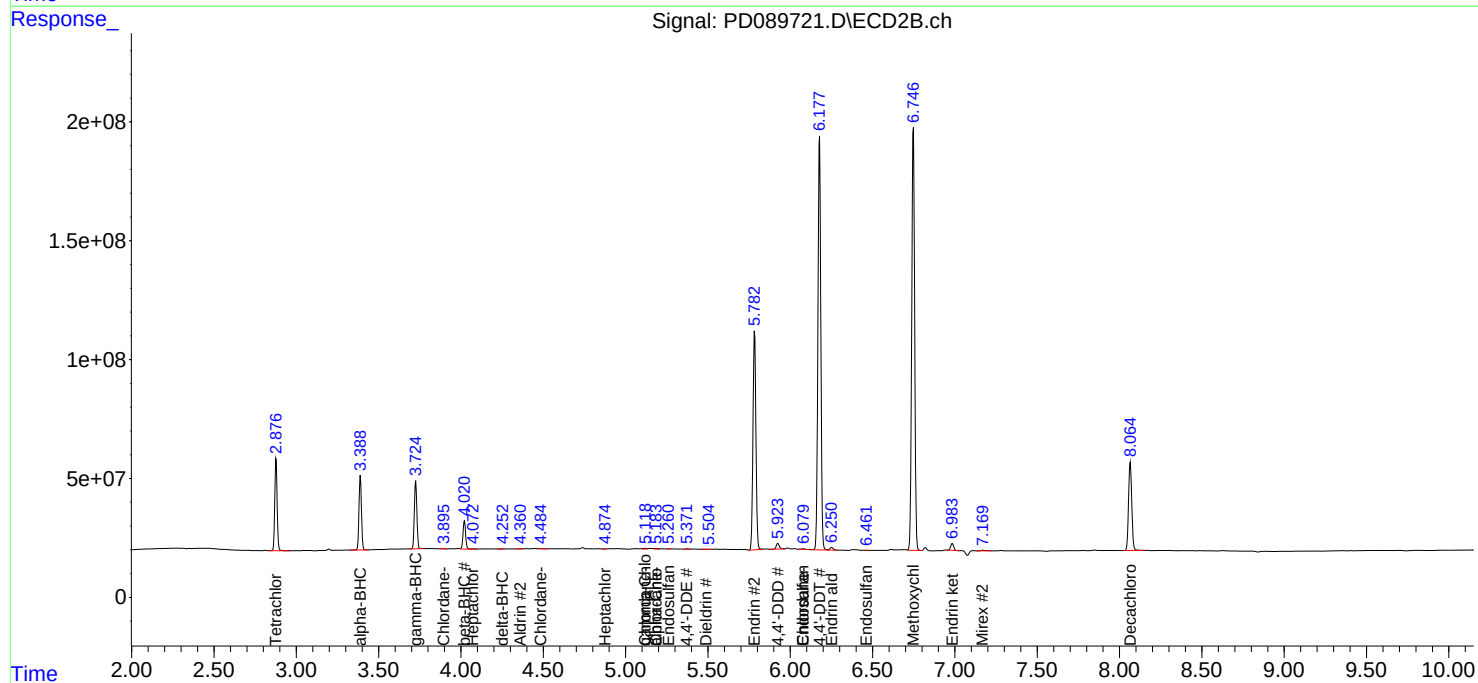
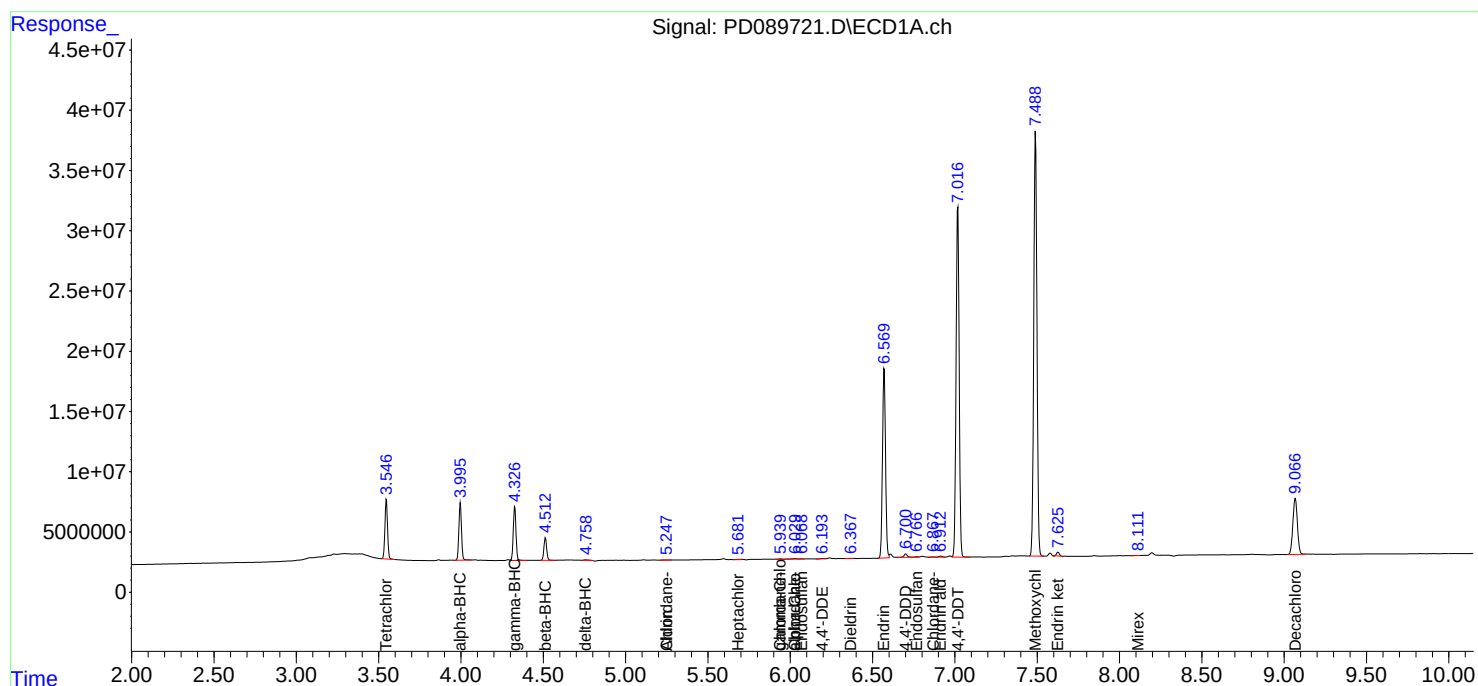
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

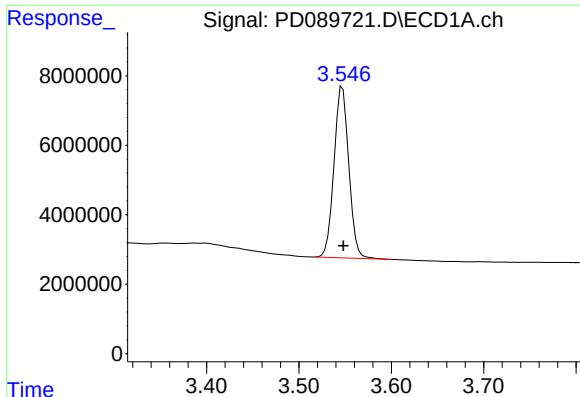
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080425\
Data File : PD089721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 09:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 06:33:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

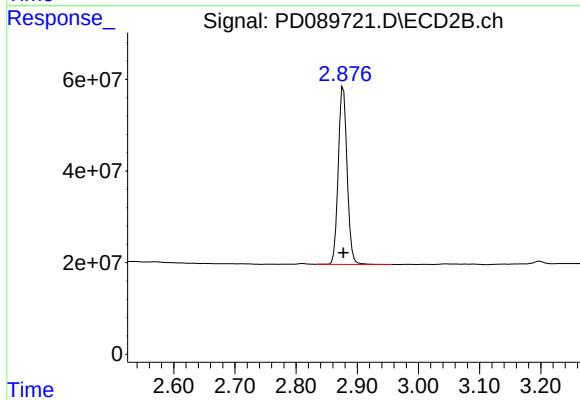




#1 Tetrachloro-m-xylene

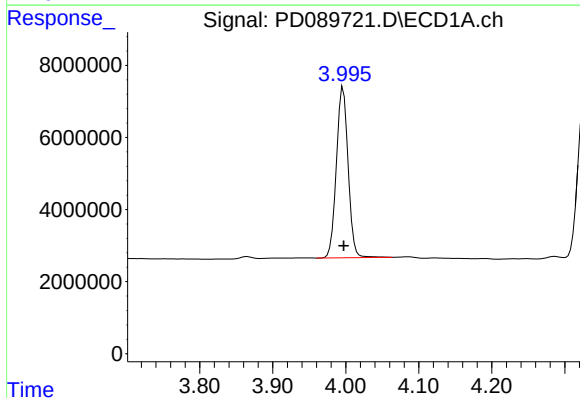
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 54865995
Conc: 22.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



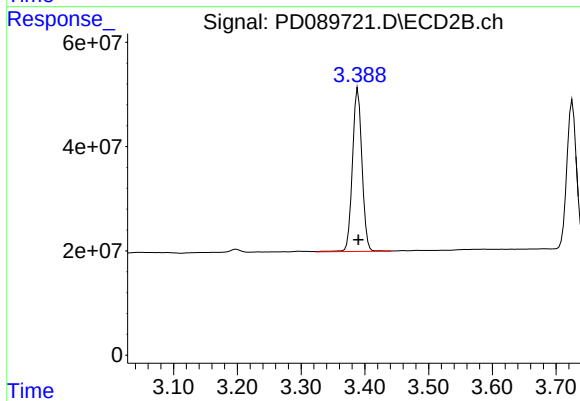
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 391453356
Conc: 24.72 ng/ml



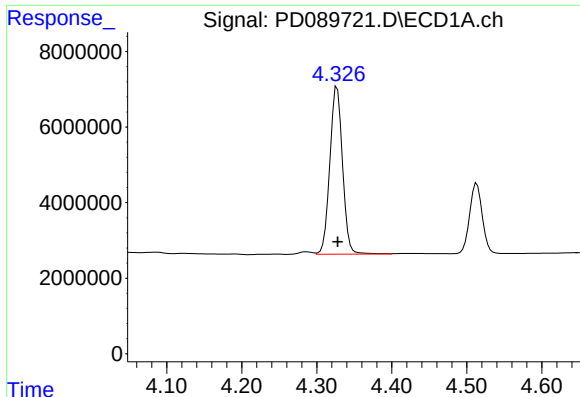
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 52809074
Conc: 10.66 ng/ml



#2 alpha-BHC

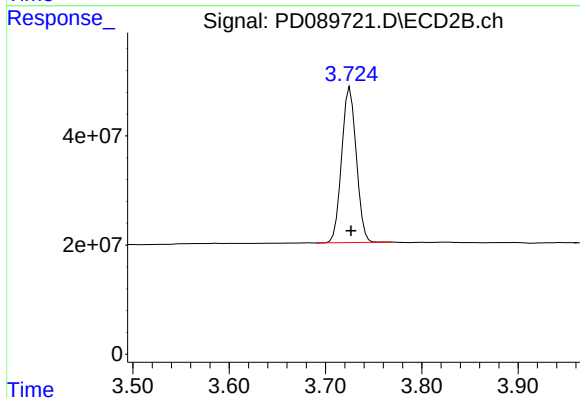
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 323892312
Conc: 13.33 ng/ml



#3 gamma-BHC (Lindane)

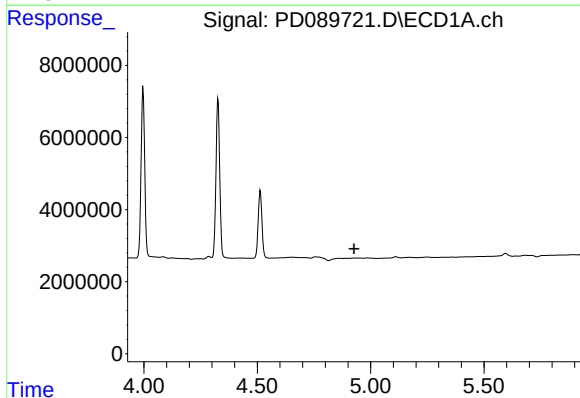
R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 52171382
Conc: 10.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



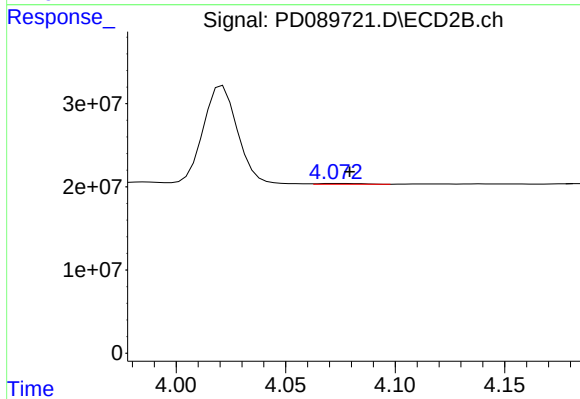
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 299389958
Conc: 13.29 ng/ml



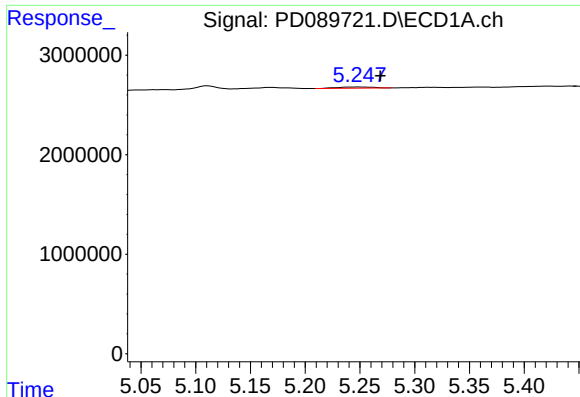
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

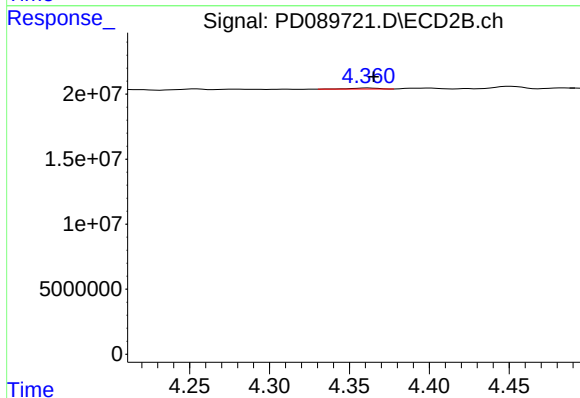
R.T.: 4.073 min
Delta R.T.: -0.006 min
Response: 1200965
Conc: 0.05 ng/ml



#5 Aldrin

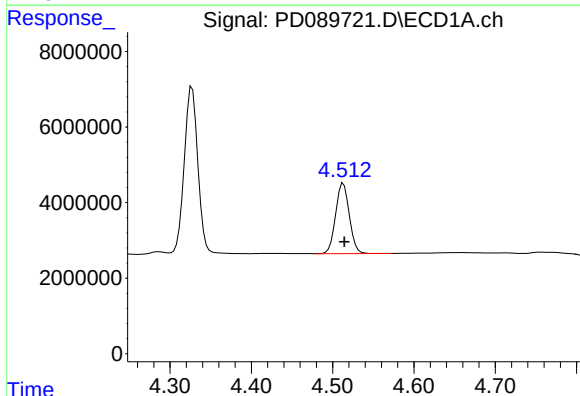
R.T.: 5.248 min
Delta R.T.: -0.020 min
Response: 281580
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



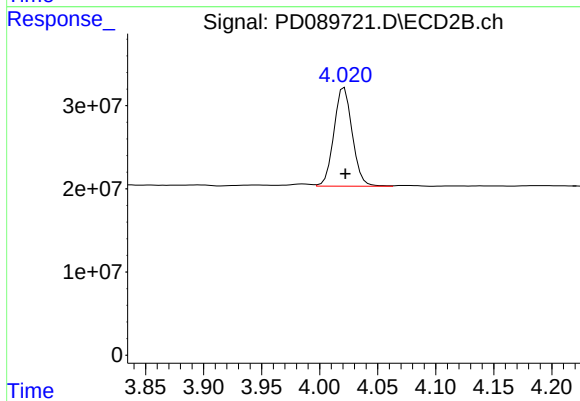
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 895630
Conc: 0.04 ng/ml



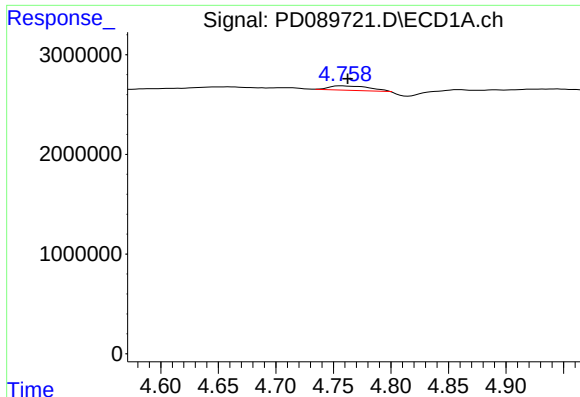
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 21847117
Conc: 11.84 ng/ml



#6 beta-BHC

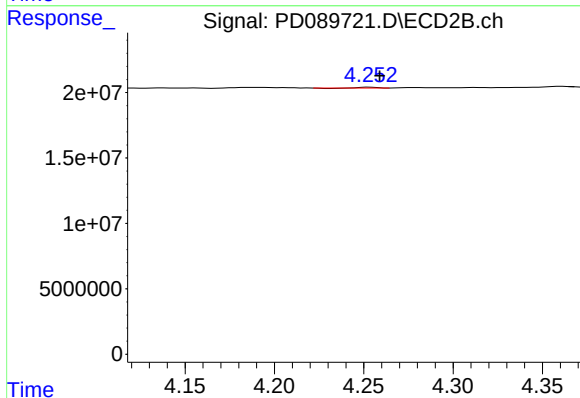
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 130511522
Conc: 13.53 ng/ml



#7 delta-BHC

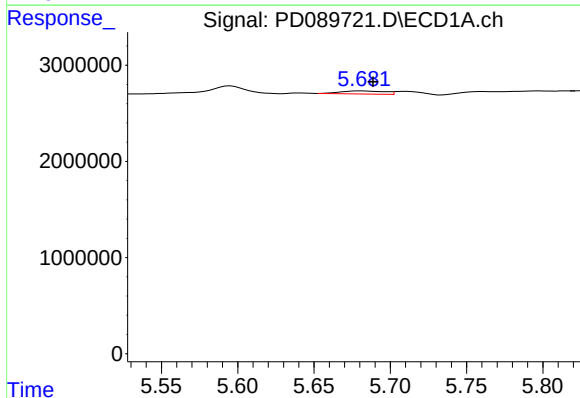
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 1064515
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



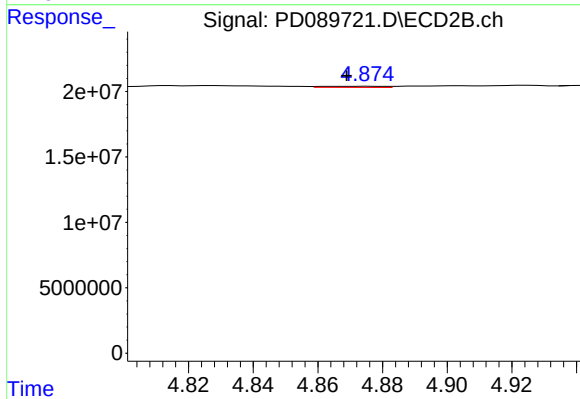
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.005 min
Response: 291942
Conc: 0.01 ng/ml



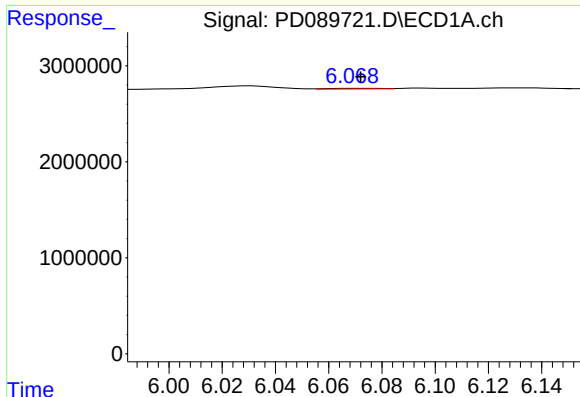
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.007 min
Response: 625756
Conc: 0.15 ng/ml



#8 Heptachlor epoxide

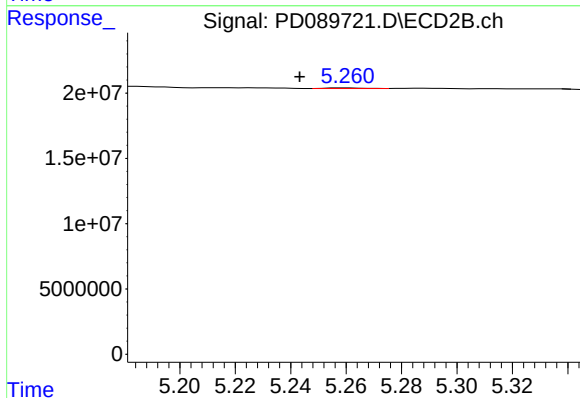
R.T.: 4.876 min
Delta R.T.: 0.007 min
Response: 1079288
Conc: 0.05 ng/ml



#9 Endosulfan I

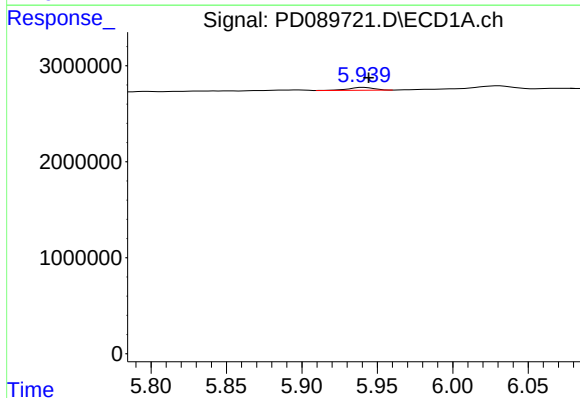
R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 77712
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



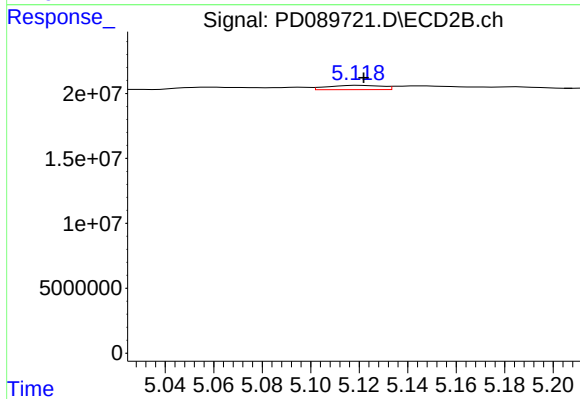
#9 Endosulfan I

R.T.: 5.259 min
Delta R.T.: 0.016 min
Response: 409007
Conc: 0.02 ng/ml



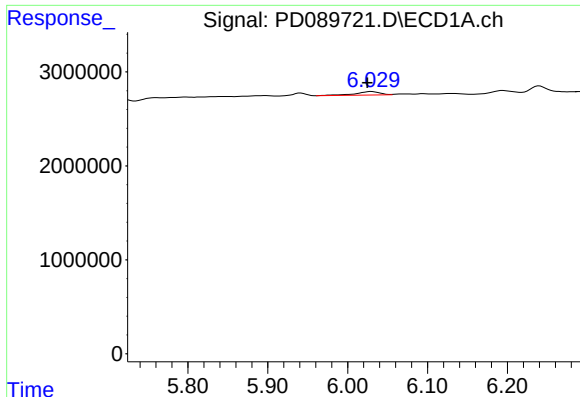
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 359869
Conc: 0.09 ng/ml



#10 gamma-Chlordane

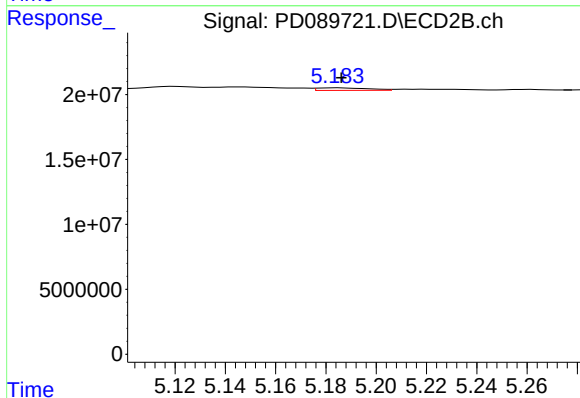
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 5134830
Conc: 0.24 ng/ml



#11 alpha-Chlordane

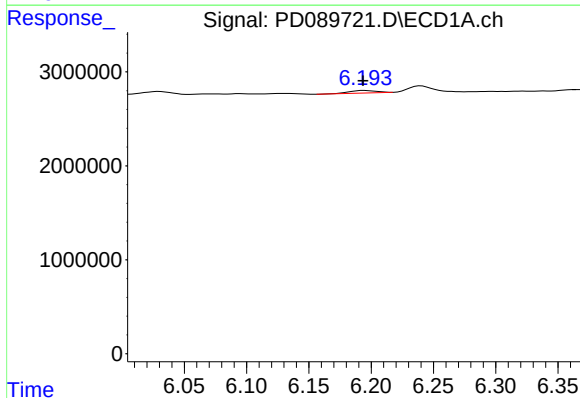
R.T.: 6.030 min
Delta R.T.: 0.005 min
Response: 779579
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



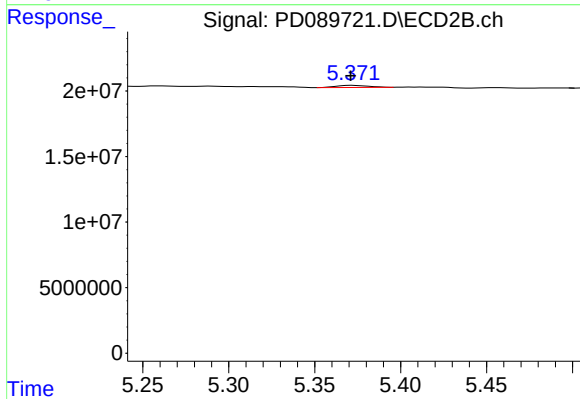
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 2736064
Conc: 0.13 ng/ml



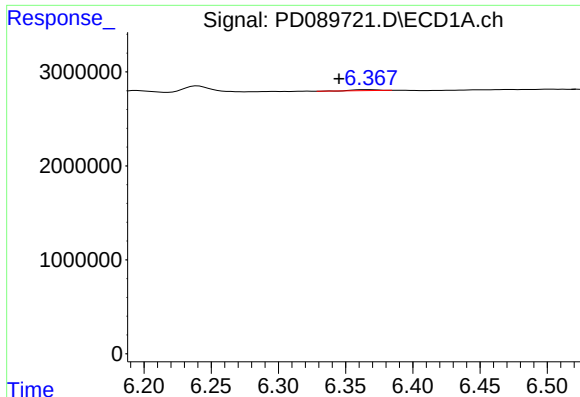
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 401283
Conc: 0.11 ng/ml



#12 4,4'-DDE

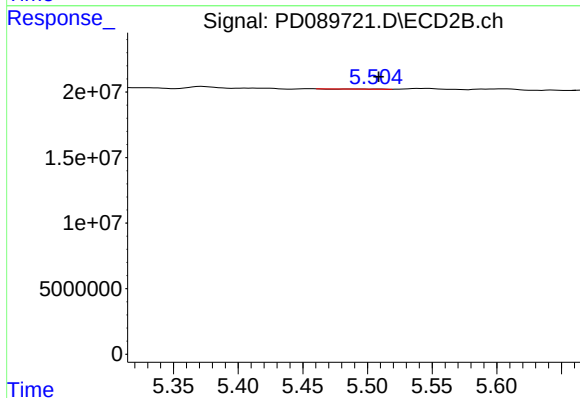
R.T.: 5.372 min
Delta R.T.: 0.001 min
Response: 2049349
Conc: 0.10 ng/ml



#13 Dieldrin

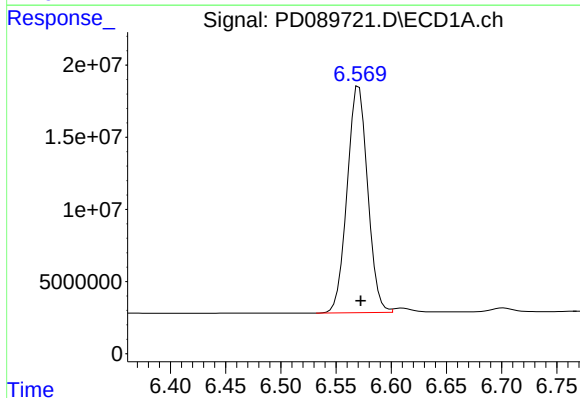
R.T.: 6.368 min
Delta R.T.: 0.022 min
Response: 126608
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



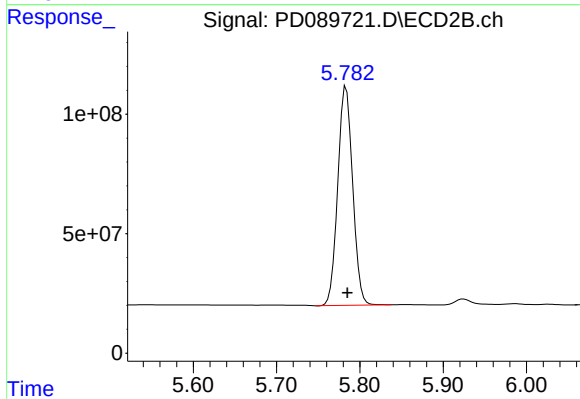
#13 Dieldrin

R.T.: 5.490 min
Delta R.T.: -0.018 min
Response: 95694
Conc: 0.00 ng/ml



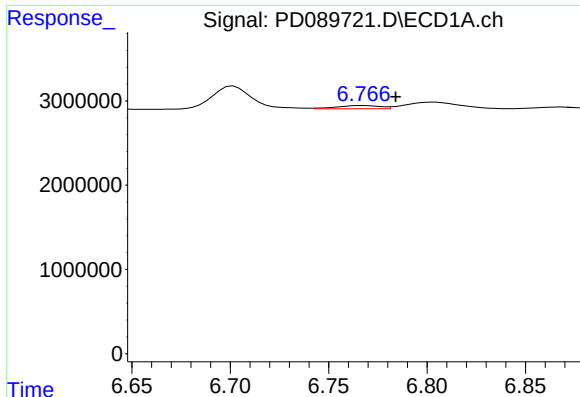
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 203107920
Conc: 56.77 ng/ml



#14 Endrin

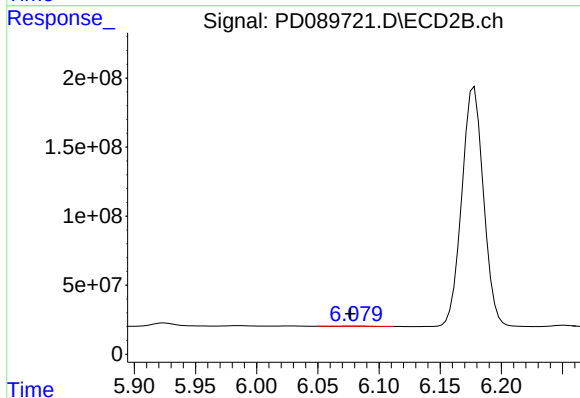
R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 1140250796
Conc: 57.23 ng/ml



#15 Endosulfan II

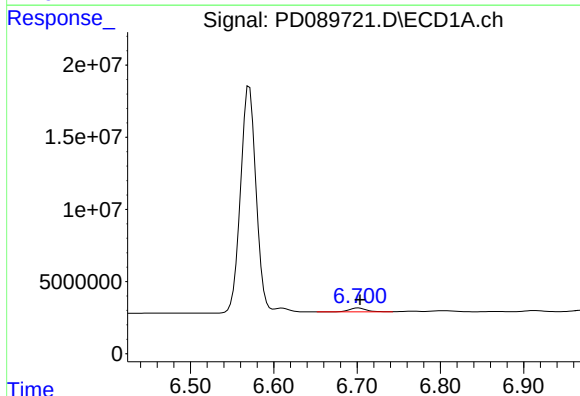
R.T.: 6.768 min
Delta R.T.: -0.016 min
Response: 563650
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



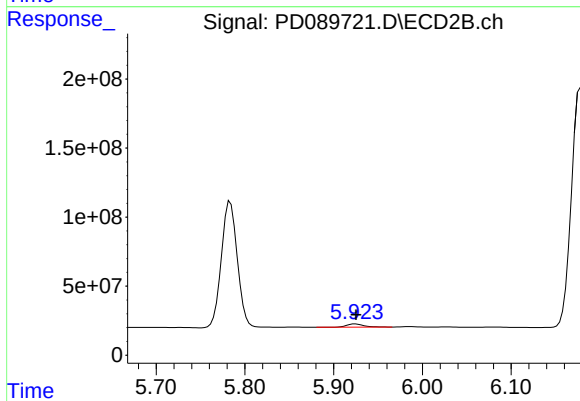
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 4090579
Conc: 0.22 ng/ml



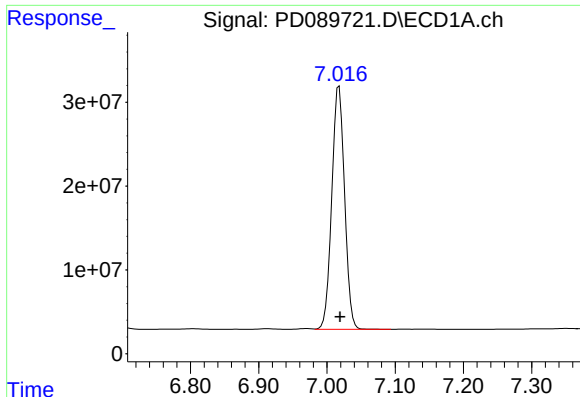
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 3787387
Conc: 1.26 ng/ml



#16 4,4'-DDD

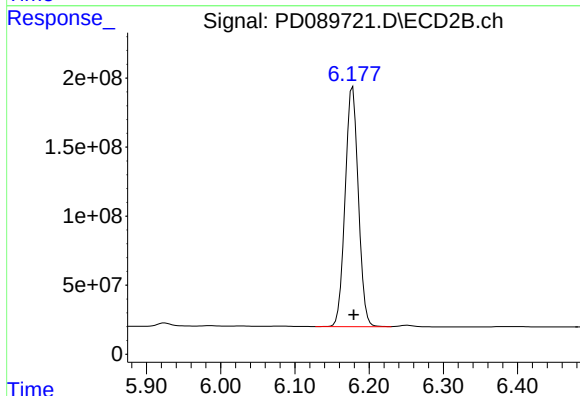
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 30519310
Conc: 1.73 ng/ml



#17 4,4'-DDT

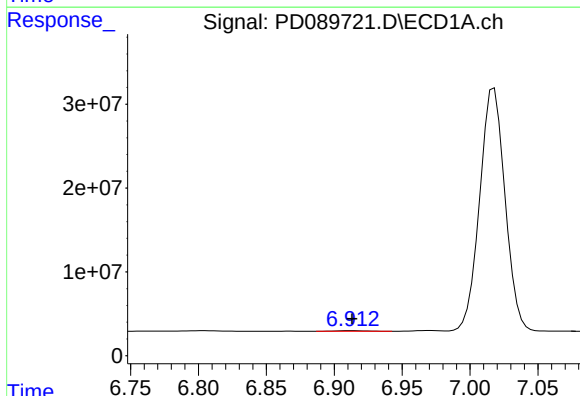
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 377353403
Conc: 112.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



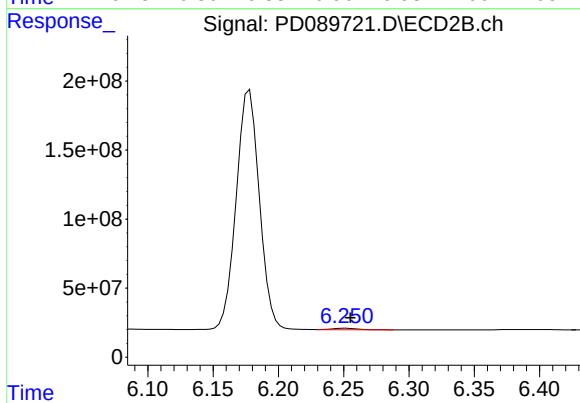
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 2146539695
Conc: 116.83 ng/ml



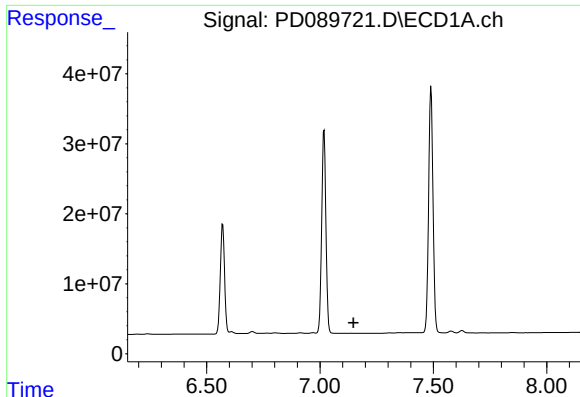
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 1128216
Conc: 0.45 ng/ml



#18 Endrin aldehyde

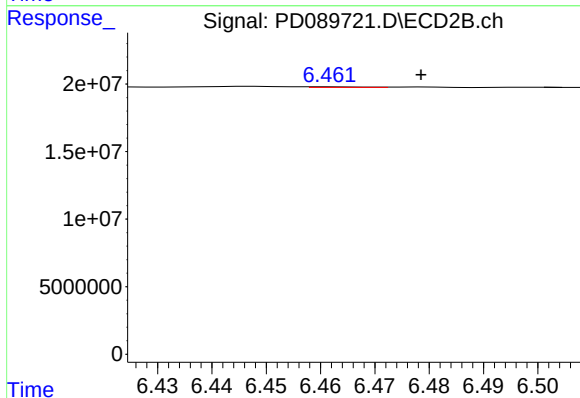
R.T.: 6.252 min
Delta R.T.: -0.004 min
Response: 14811035
Conc: 1.15 ng/ml



#19 Endosulfan Sulfate

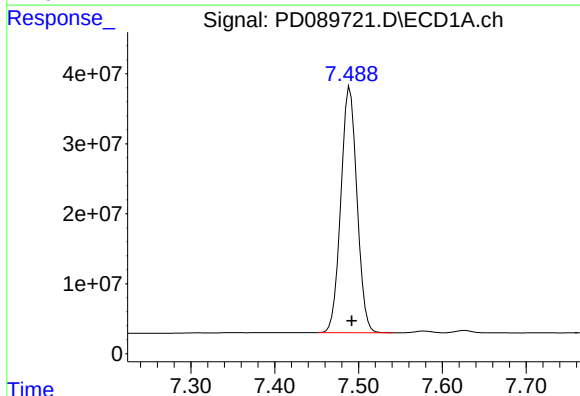
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



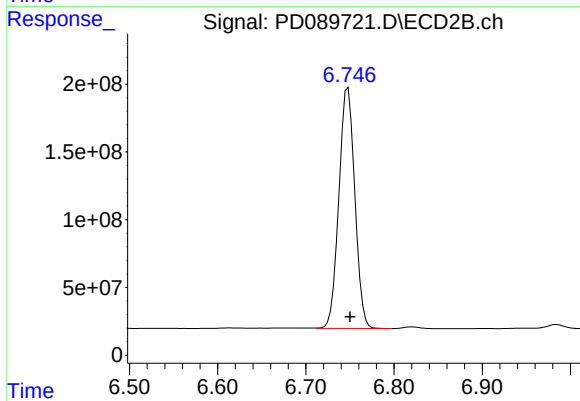
#19 Endosulfan Sulfate

R.T.: 6.462 min
Delta R.T.: -0.016 min
Response: 299355
Conc: 0.02 ng/ml



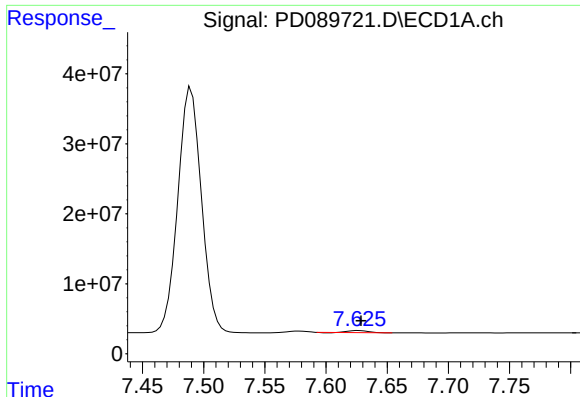
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 470141314
Conc: 262.95 ng/ml



#20 Methoxychlor

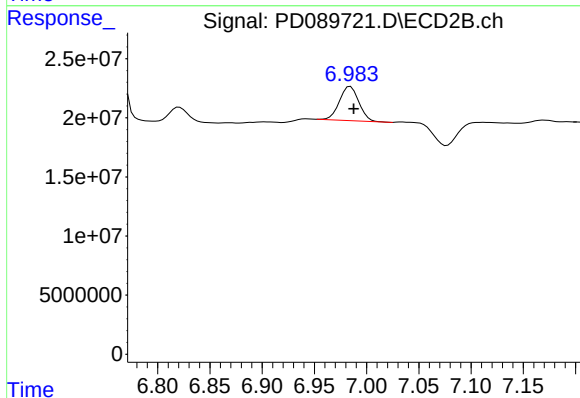
R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 2228967410
Conc: 227.55 ng/ml



#21 Endrin ketone

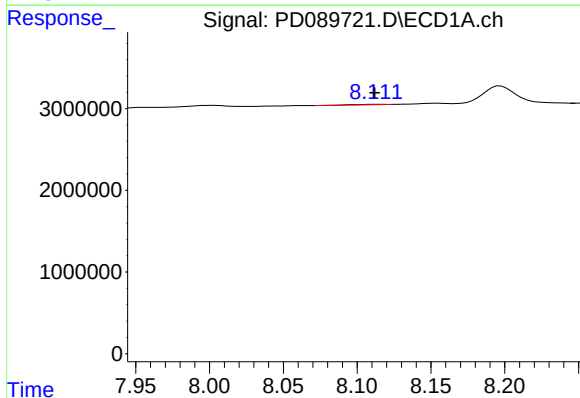
R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 3390651
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



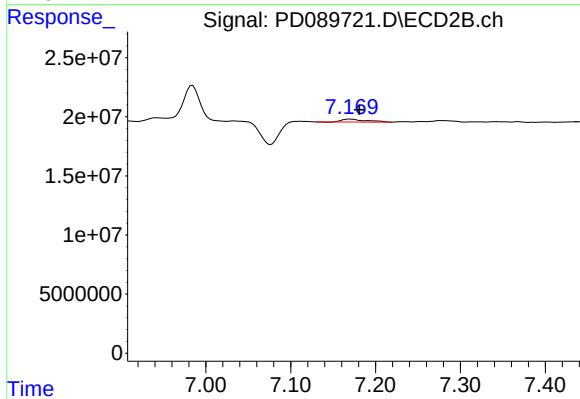
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 37457571
Conc: 1.87 ng/ml



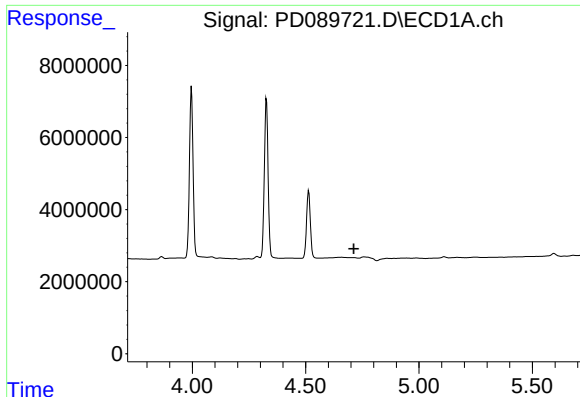
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 73806
Conc: 0.03 ng/ml



#22 Mirex

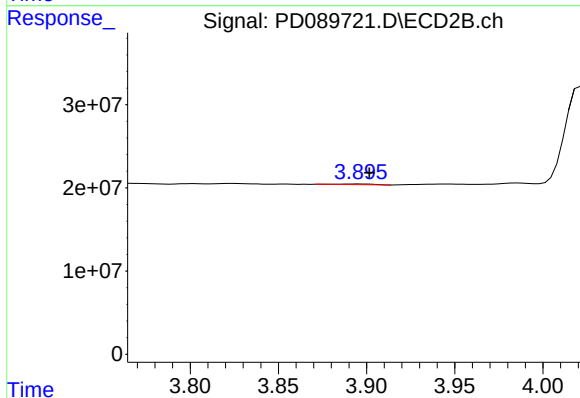
R.T.: 7.170 min
Delta R.T.: -0.011 min
Response: 4952851
Conc: 0.33 ng/ml



#23 Chlordane-1

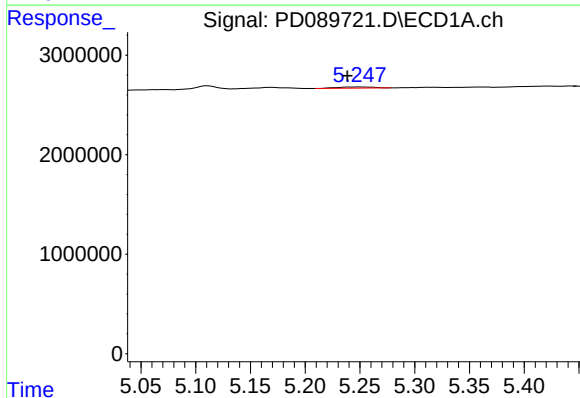
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



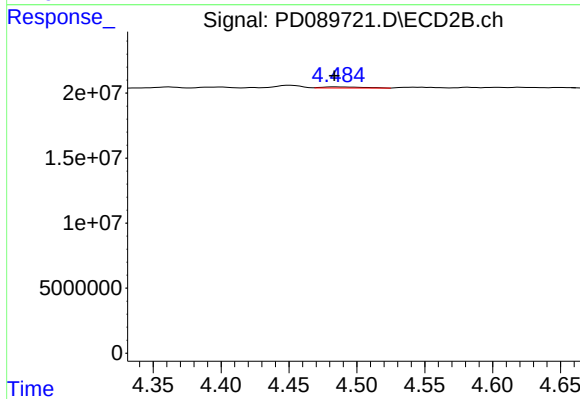
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.005 min
Response: 1159364
Conc: 1.59 ng/ml



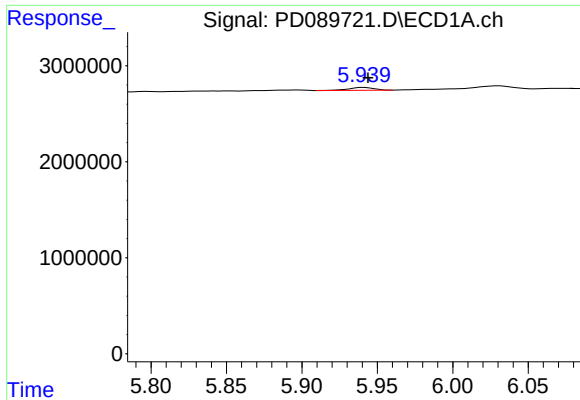
#24 Chlordane-2

R.T.: 5.248 min
Delta R.T.: 0.010 min
Response: 281580
Conc: 1.66 ng/ml



#24 Chlordane-2

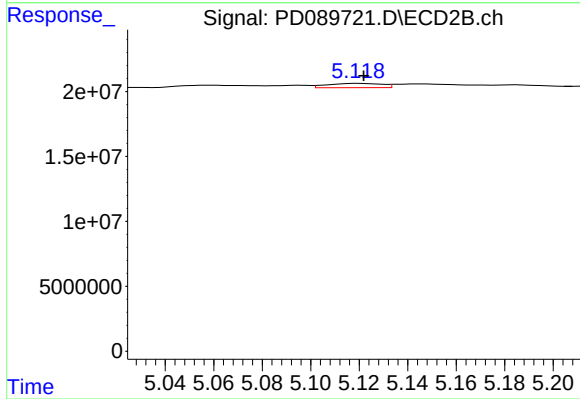
R.T.: 4.486 min
Delta R.T.: 0.002 min
Response: 1678688
Conc: 2.20 ng/ml



#25 Chlordane-3

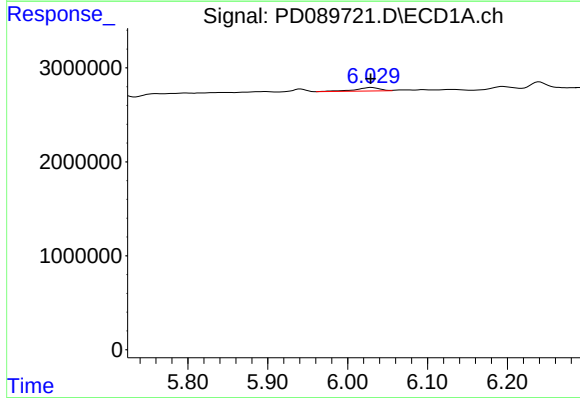
R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 359869
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



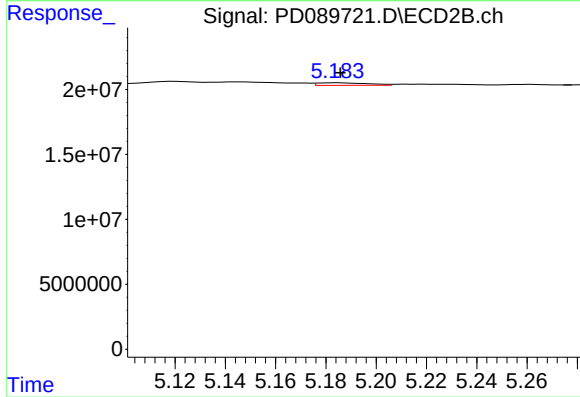
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 5134830
Conc: 2.22 ng/ml



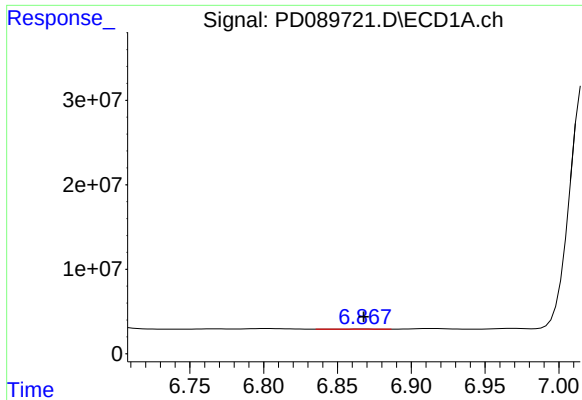
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 779579
Conc: 0.93 ng/ml



#26 Chlordane-4

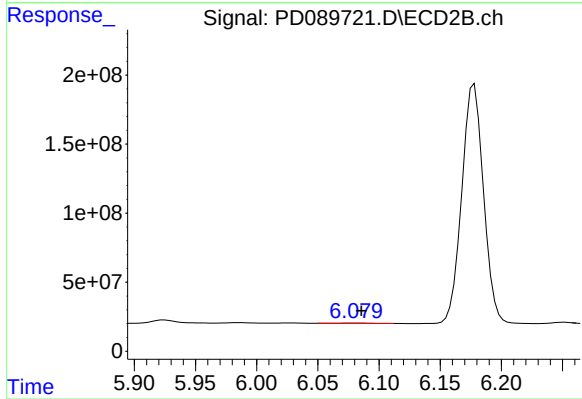
R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 2736064
Conc: 1.38 ng/ml



#27 Chlordane-5

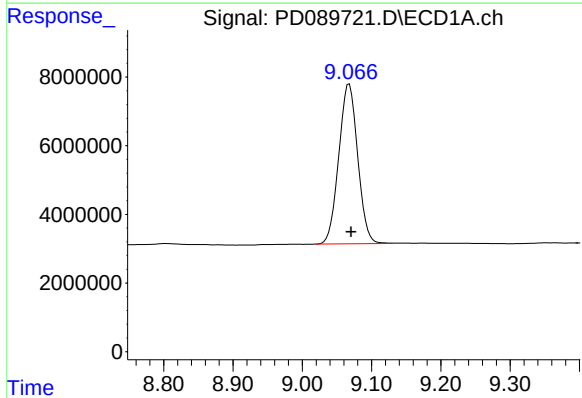
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 148465
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



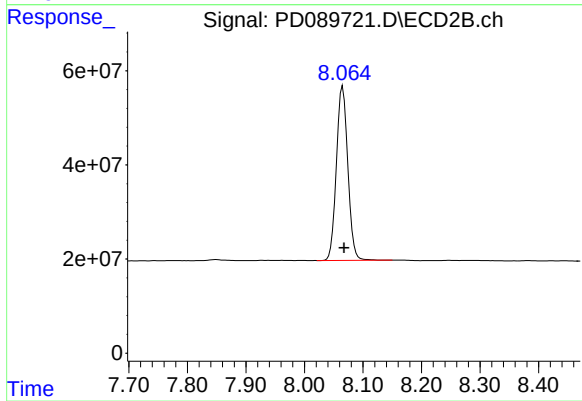
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.005 min
Response: 4090579
Conc: 4.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 88177298
Conc: 23.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 502234657
Conc: 25.01 ng/ml