

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080725\
 Data File : PD089780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 18:36
 Operator : AR\AJ
 Sample : Q2747-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-TS-GRILLO-OG3-073125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 03:08:48 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	29625458	236.4E6	12.011	14.924
2)	SA Decachlor...	9.064	8.063	58649630	345.6E6	15.782	17.211
Target Compounds							
2)	A alpha-BHC	0.000	3.397	0	11897761	N.D.	0.490 #
3)	MA gamma-BHC...	0.000	3.724	0	9134234	N.D.	0.406 #
4)	MA Heptachlor	4.950f	4.071	3860837	18681839	0.802	0.805
5)	MB Aldrin	5.267	4.368	818004	845609	0.179	0.038 #
6)	B beta-BHC	4.537f	0.000	467145	0	0.253	N.D. #
7)	B delta-BHC	4.776	4.265	754611	4265552	0.165	0.188
8)	B Heptachlo...	5.676	4.864	2114349	15604630	0.506	0.759 #
9)	A Endosulfan I	0.000	5.265f	0	20072790	N.D.	1.027 #
10)	B gamma-Chl...	5.940	5.120	3039945	20785866	0.727	0.960 #
11)	B alpha-Chl...	6.025	5.184	4929122	59742767	1.172	2.869 #
12)	B 4,4'-DDE	6.191	5.369	7389142	66550997	1.981	3.149 #
13)	MA Dieldrin	6.342	5.504	255597	29530725	0.061	1.365 #
14)	MA Endrin	6.569	5.789	737056	8112641	0.206	0.407 #
15)	B Endosulfa...	6.767f	6.062	269701	3776107	0.074	0.201 #
16)	A 4,4'-DDD	6.717	5.921	1142074	1815444	0.381	0.103 #
17)	MA 4,4'-DDT	6.991f	6.173	1129565	12506856	0.336	0.681 #
18)	B Endrin al...	0.000	6.271f	0	2322647	N.D.	0.180 #
19)	B Endosulfa...	0.000	6.475	0	3011715	N.D.	0.162 #
20)	A Methoxychlor	0.000	6.728f	0	7597483	N.D.	0.776 #
21)	B Endrin ke...	7.611f	0.000	336830	0	0.091	N.D. #
22)	Mirex	8.114	7.170	136280	6636340	0.049	0.436 #
23)	Chlordane-1	4.708	3.899	623154	30335042	3.741	41.475 #
24)	Chlordane-2	5.235	4.457f	1075018	4651850	6.327	6.086
25)	Chlordane-3	5.940	5.120	3039945	20785866	4.433	8.982 #
26)	Chlordane-4	6.025	5.184	4929122	59742767	5.888	30.029 #
27)	Chlordane-5	0.000	6.094	0	5275236	N.D.	5.831 #

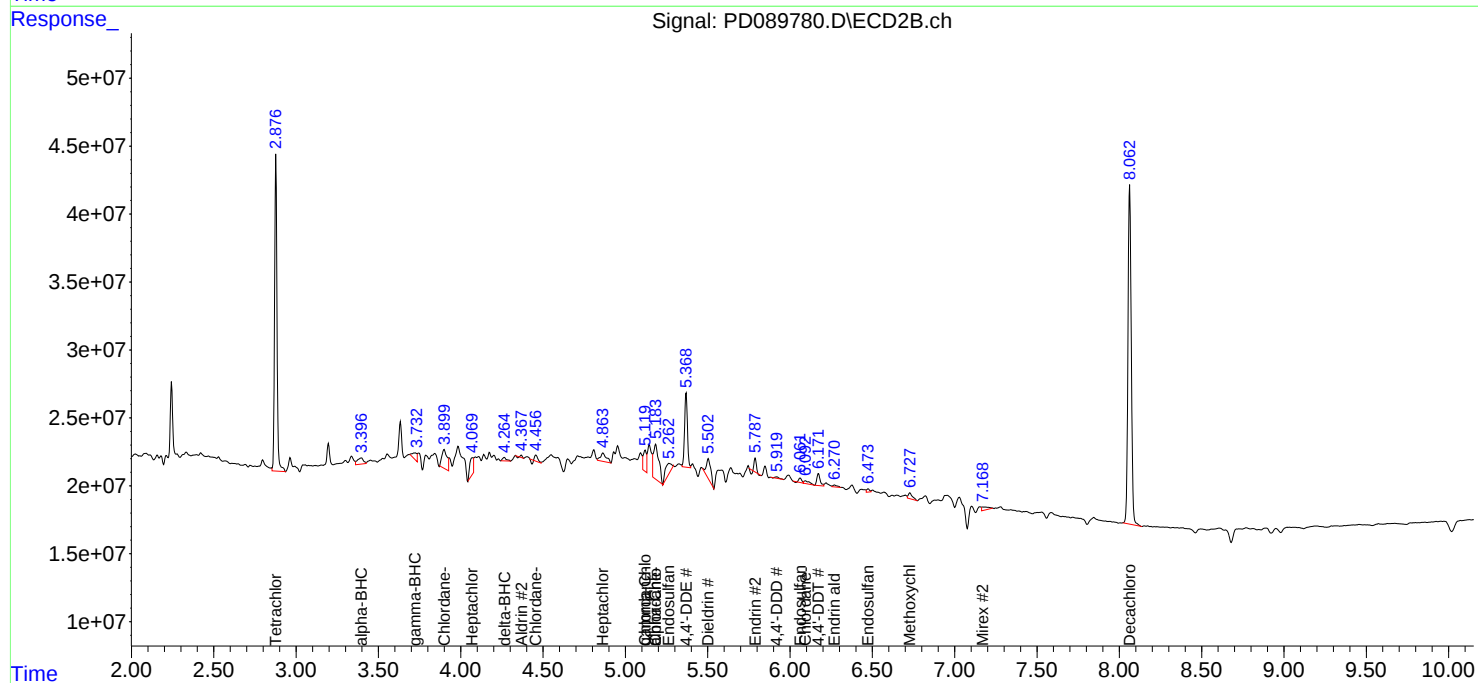
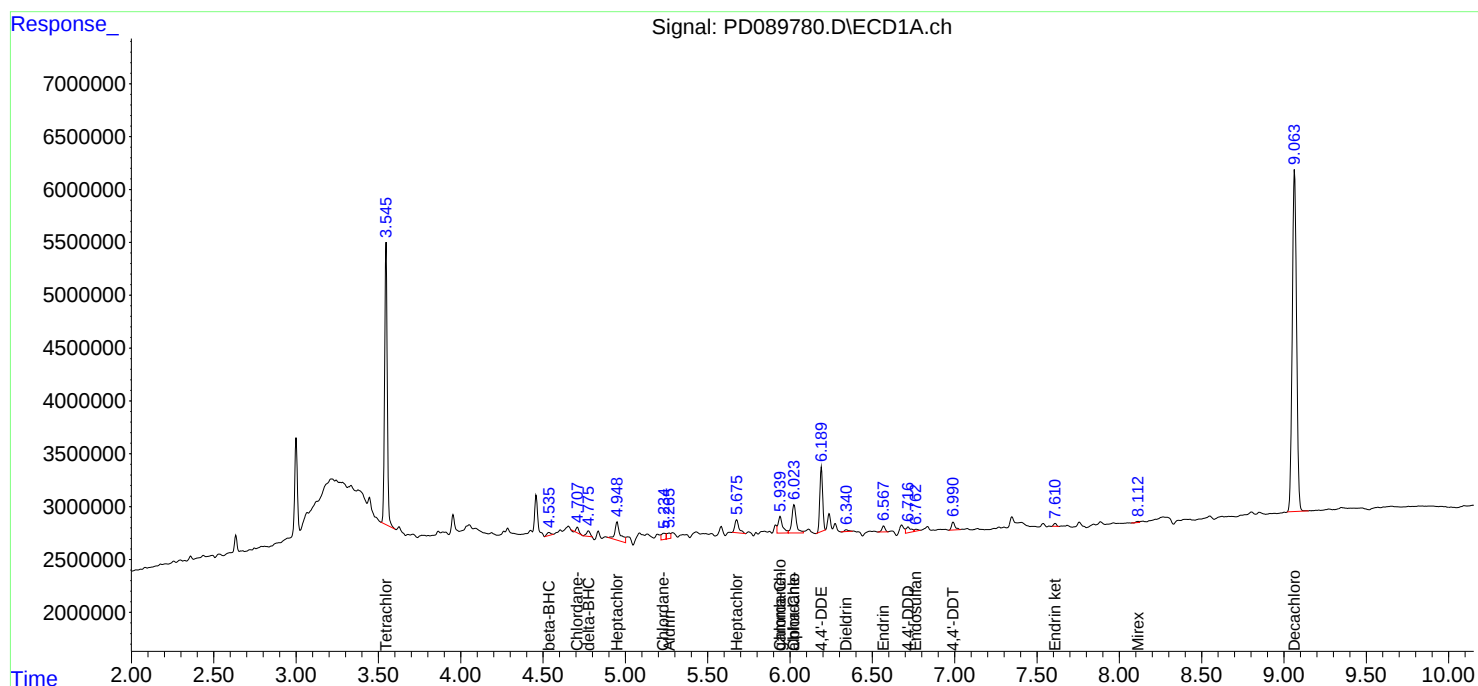
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

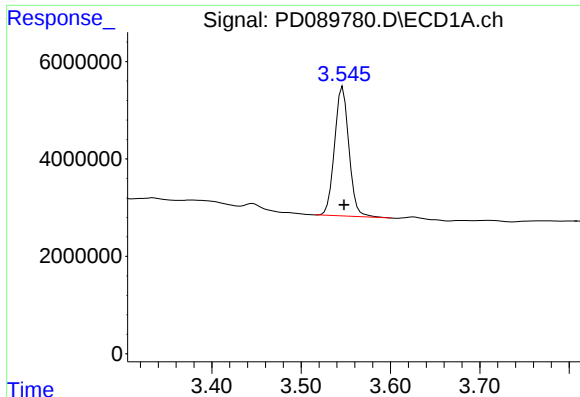
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080725\
Data File : PD089780.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2025 18:36
Operator : AR\AJ
Sample : Q2747-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 03:08:48 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

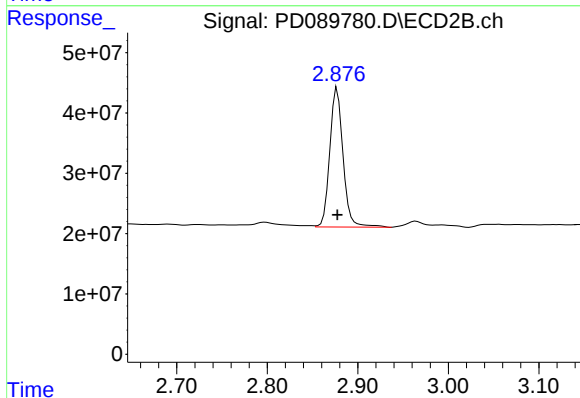




#1 Tetrachloro-m-xylene

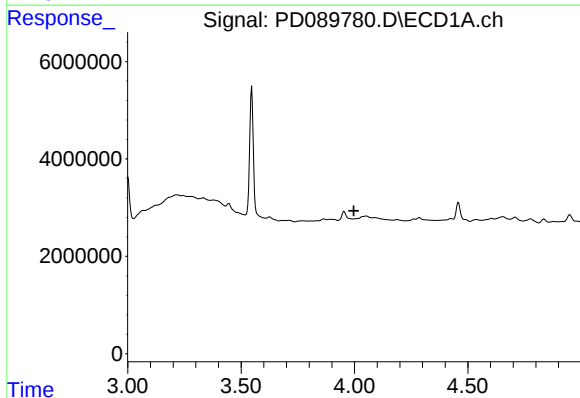
R.T.: 3.547 min
Delta R.T.: -0.001 min
Response: 29625458
Conc: 12.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



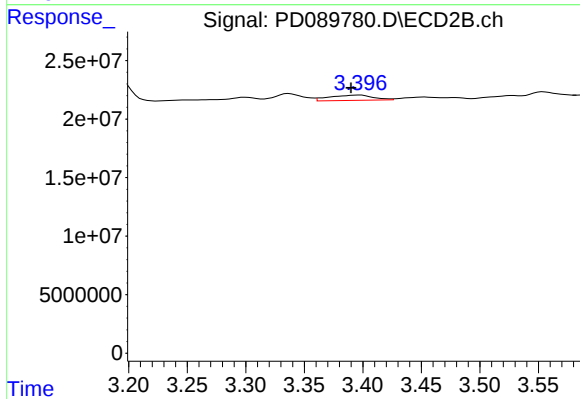
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 236368113
Conc: 14.92 ng/ml



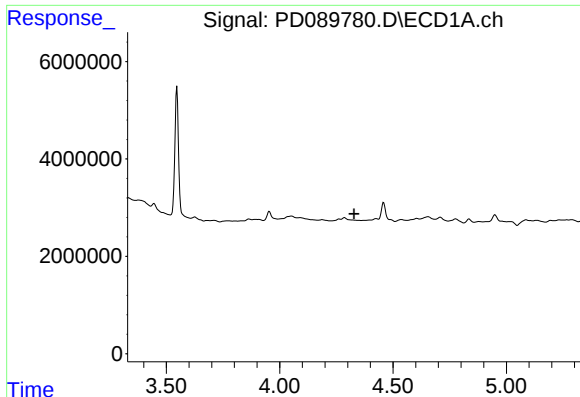
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.997 min
Response: 0
Conc: N.D.



#2 alpha-BHC

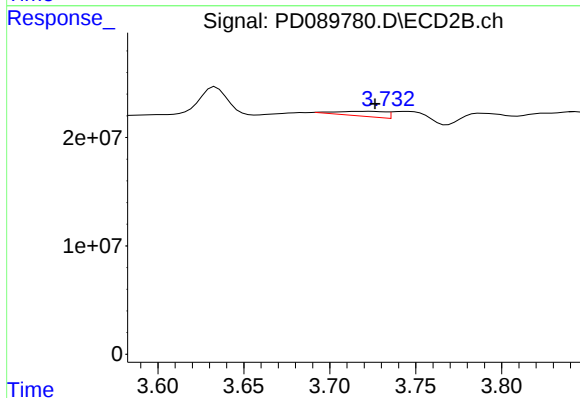
R.T.: 3.397 min
Delta R.T.: 0.007 min
Response: 11897761
Conc: 0.49 ng/ml



#3 gamma-BHC (Lindane)

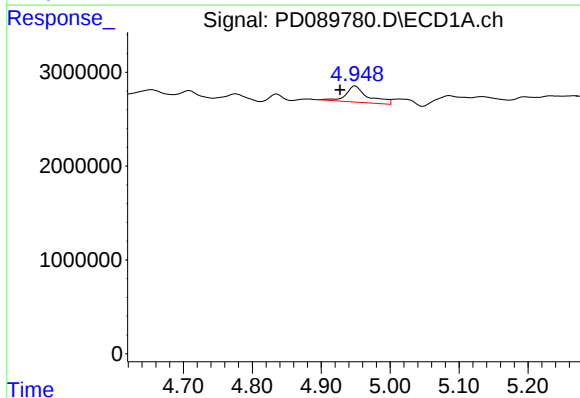
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



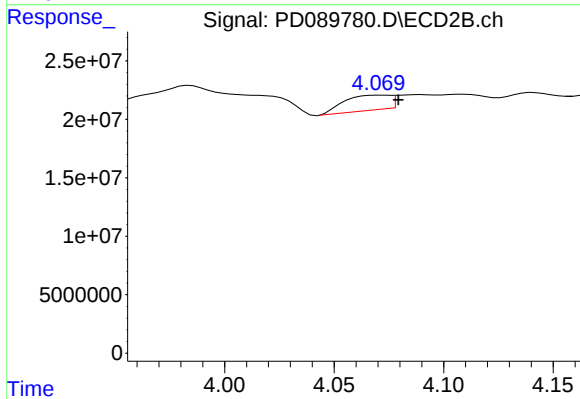
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 9134234
Conc: 0.41 ng/ml



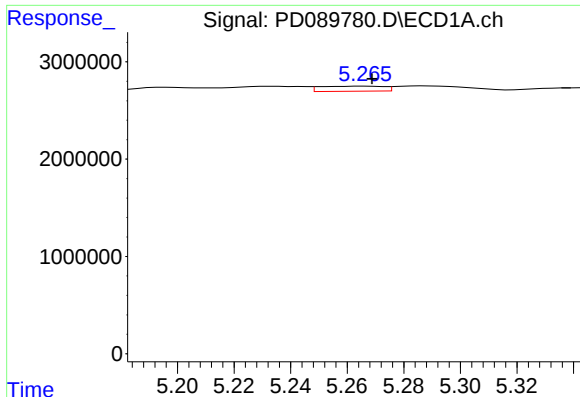
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.022 min
Response: 3860837
Conc: 0.80 ng/ml



#4 Heptachlor

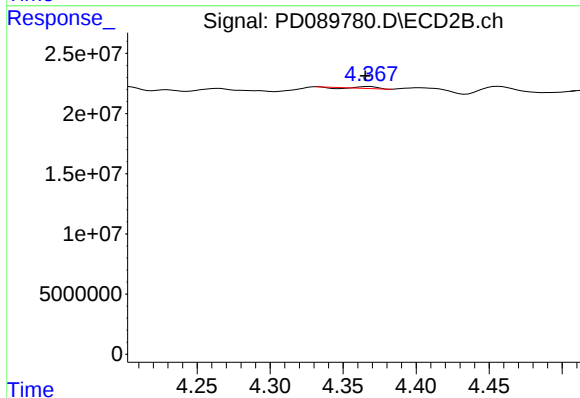
R.T.: 4.071 min
Delta R.T.: -0.008 min
Response: 18681839
Conc: 0.80 ng/ml



#5 Aldrin

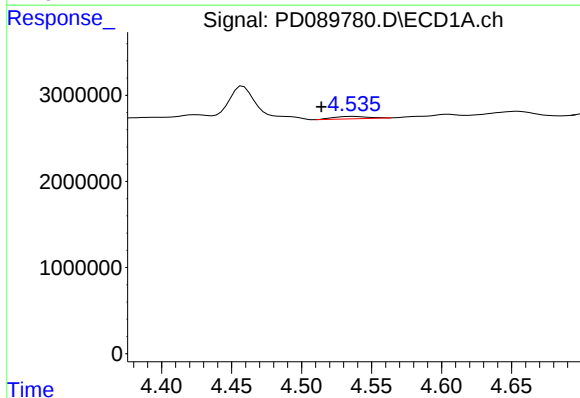
R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 818004
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



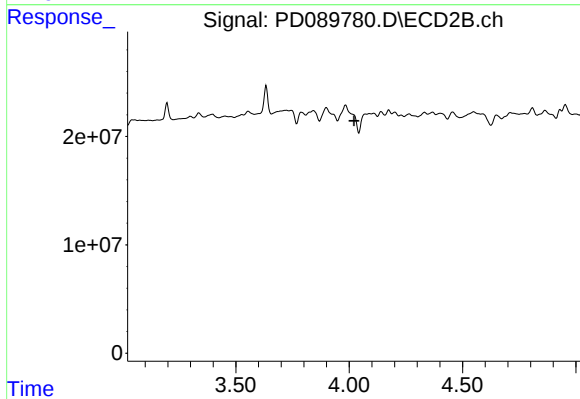
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.003 min
Response: 845609
Conc: 0.04 ng/ml



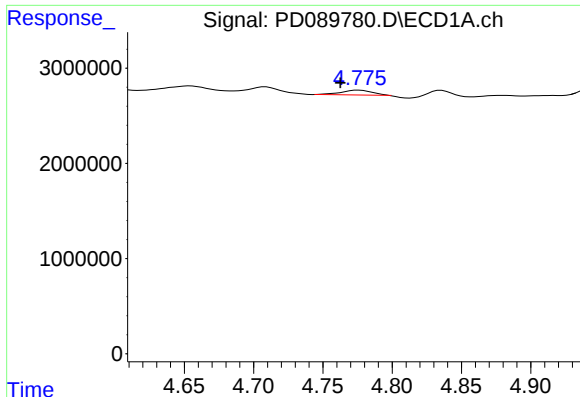
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.023 min
Response: 467145
Conc: 0.25 ng/ml



#6 beta-BHC

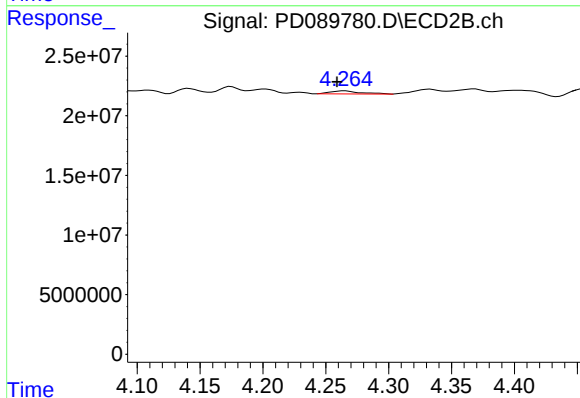
R.T.: 0.000 min
Exp R.T.: 4.022 min
Response: 0
Conc: N.D.



#7 delta-BHC

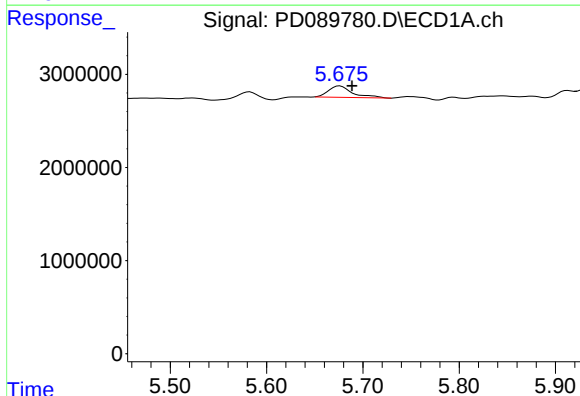
R.T.: 4.776 min
Delta R.T.: 0.013 min
Response: 754611
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



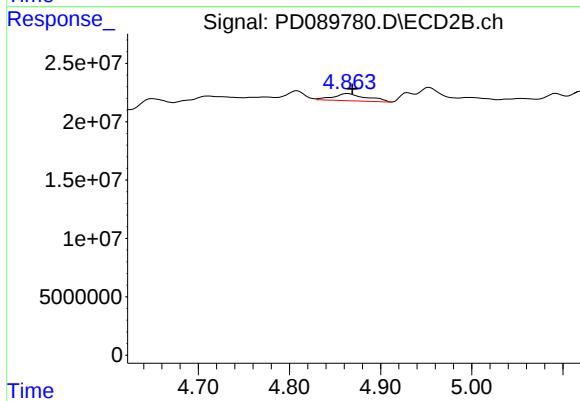
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.006 min
Response: 4265552
Conc: 0.19 ng/ml



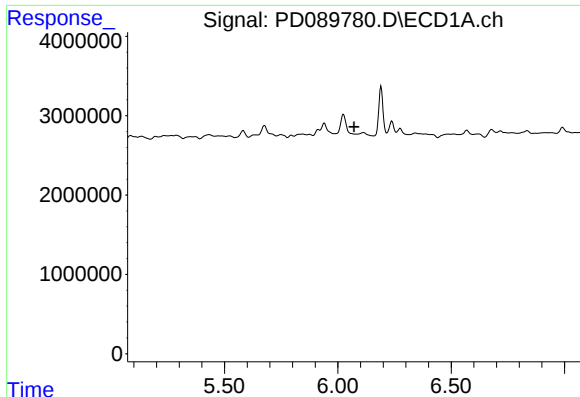
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.013 min
Response: 2114349
Conc: 0.51 ng/ml



#8 Heptachlor epoxide

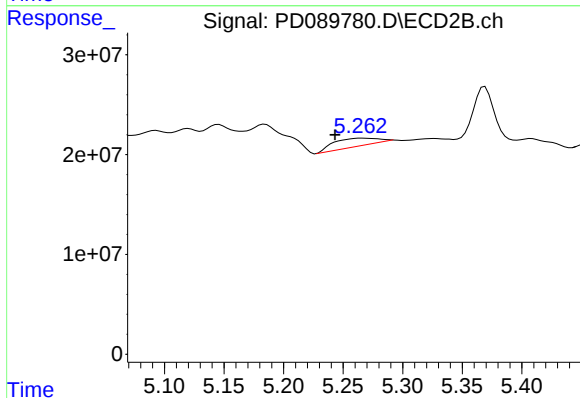
R.T.: 4.864 min
Delta R.T.: -0.005 min
Response: 15604630
Conc: 0.76 ng/ml



#9 Endosulfan I

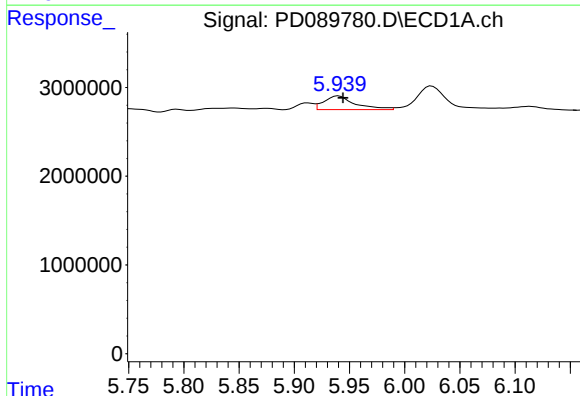
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



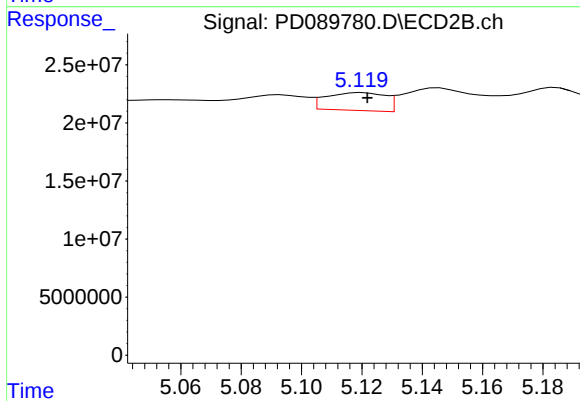
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: 0.022 min
Response: 20072790
Conc: 1.03 ng/ml



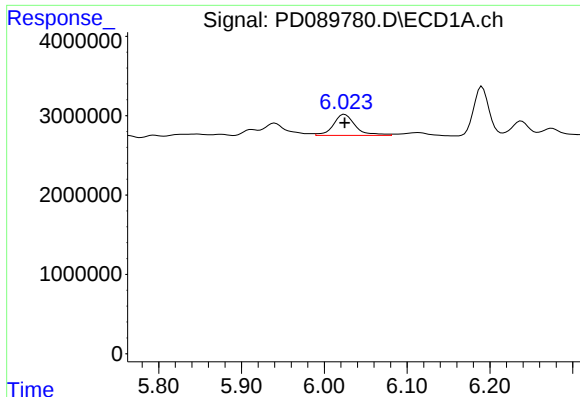
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 3039945
Conc: 0.73 ng/ml



#10 gamma-Chlordane

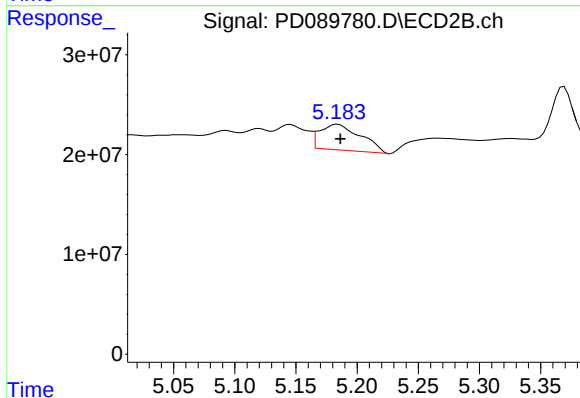
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 20785866
Conc: 0.96 ng/ml



#11 alpha-Chlordane

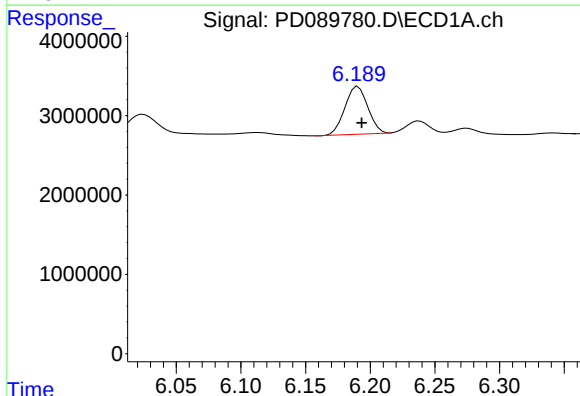
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 4929122
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



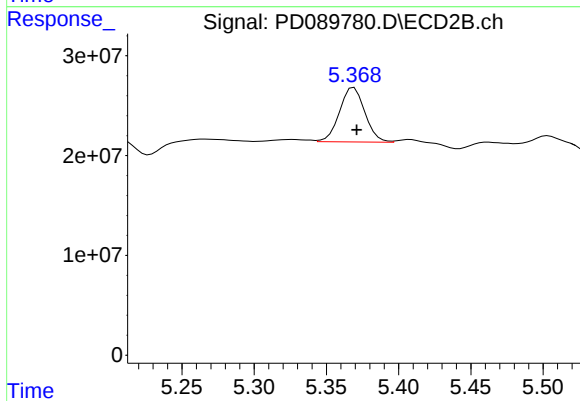
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 59742767
Conc: 2.87 ng/ml



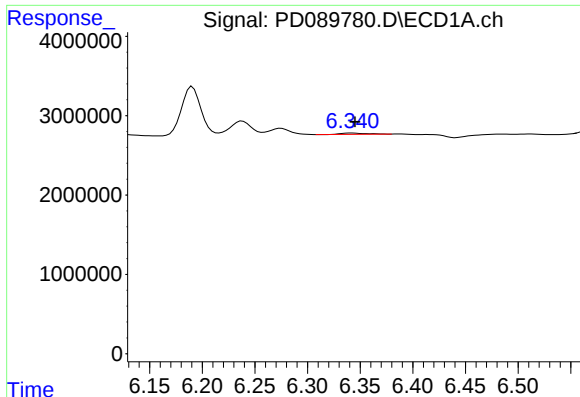
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 7389142
Conc: 1.98 ng/ml



#12 4,4'-DDE

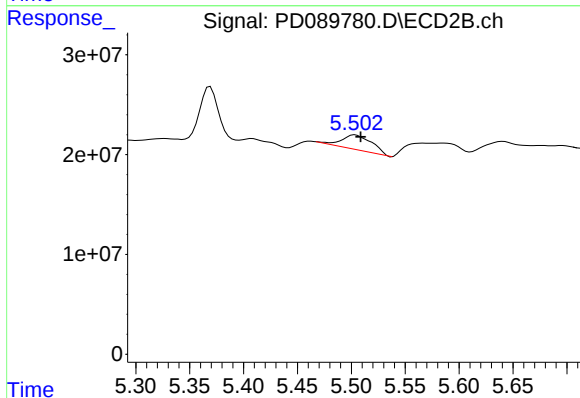
R.T.: 5.369 min
Delta R.T.: -0.002 min
Response: 66550997
Conc: 3.15 ng/ml



#13 Dieldrin

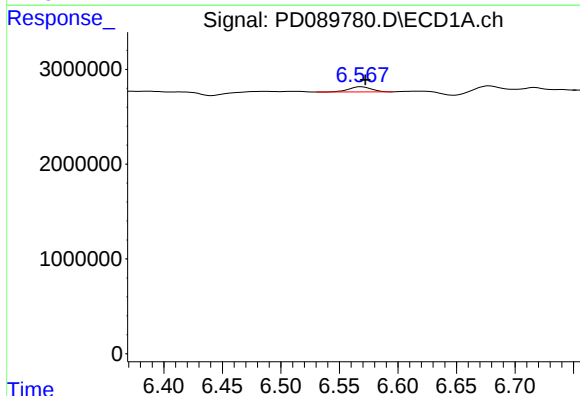
R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 255597
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



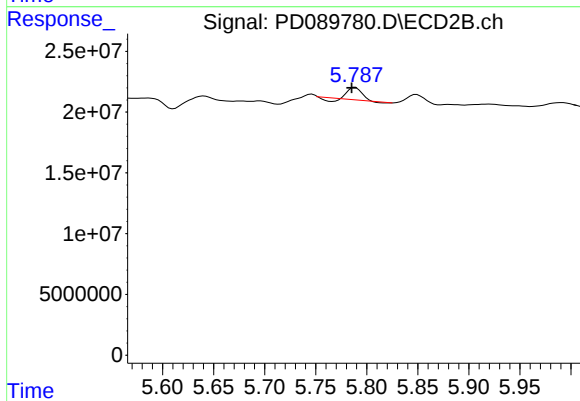
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 29530725
Conc: 1.36 ng/ml



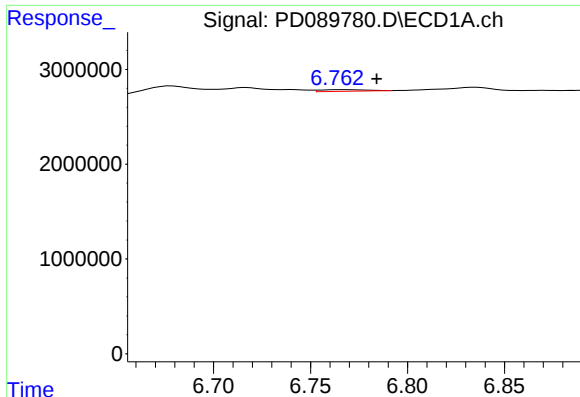
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 737056
Conc: 0.21 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.004 min
Response: 8112641
Conc: 0.41 ng/ml



#15 Endosulfan II

R.T.: 6.767 min
Delta R.T.: -0.017 min
Response: 269701
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125

#15 Endosulfan II

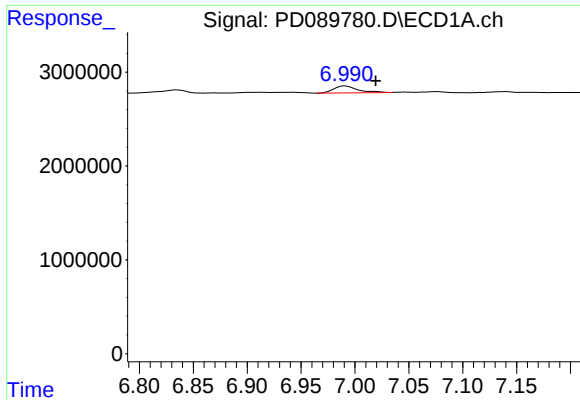
R.T.: 6.062 min
Delta R.T.: -0.015 min
Response: 3776107
Conc: 0.20 ng/ml

#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.014 min
Response: 1142074
Conc: 0.38 ng/ml

#16 4,4'-DDD

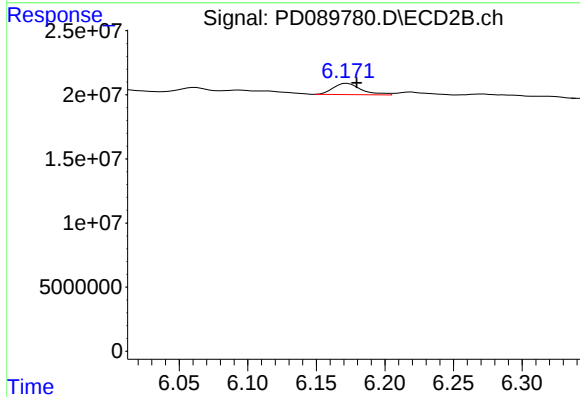
R.T.: 5.921 min
Delta R.T.: -0.005 min
Response: 1815444
Conc: 0.10 ng/ml



#17 4,4'-DDT

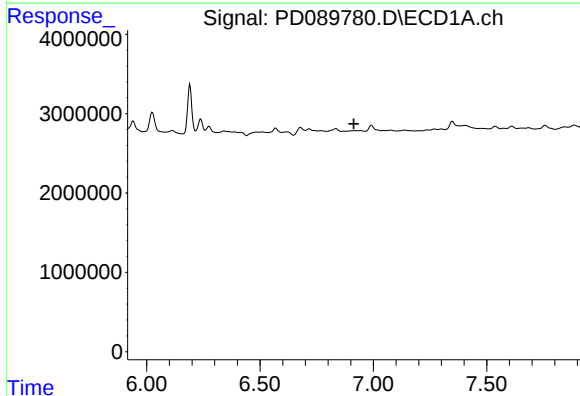
R.T.: 6.991 min
Delta R.T.: -0.028 min
Response: 1129565
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



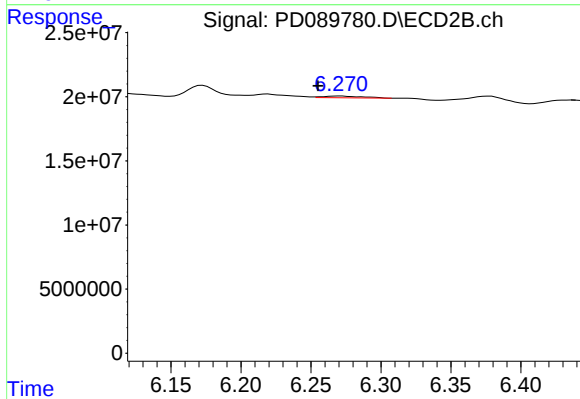
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.007 min
Response: 12506856
Conc: 0.68 ng/ml



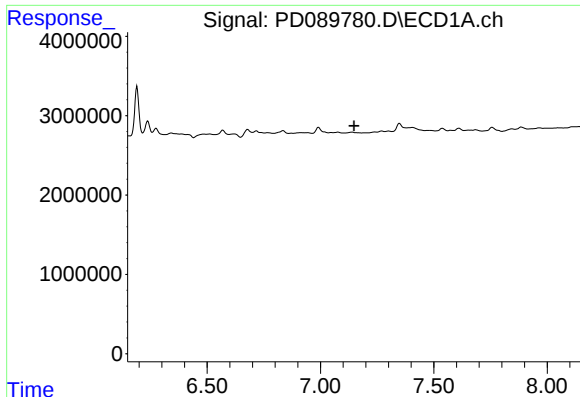
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

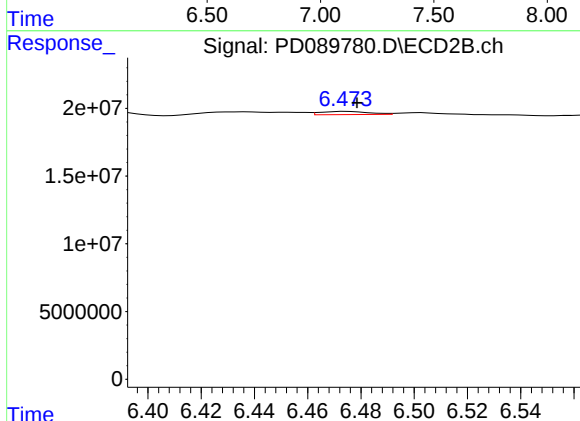
R.T.: 6.271 min
Delta R.T.: 0.016 min
Response: 2322647
Conc: 0.18 ng/ml



#19 Endosulfan Sulfate

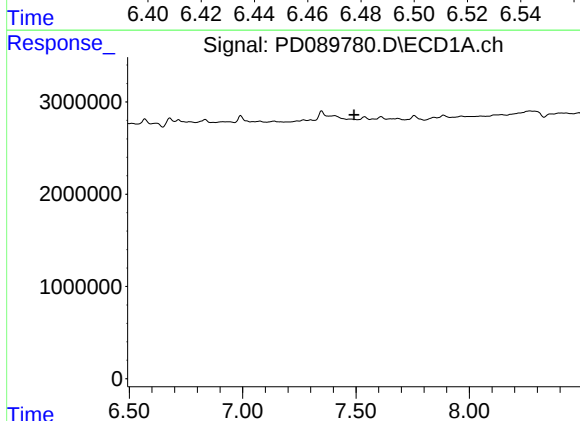
R.T.: 0.000 min
Exp R.T. : 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



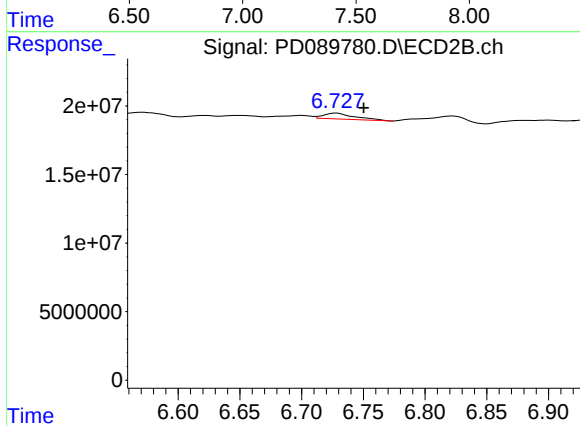
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.004 min
Response: 3011715
Conc: 0.16 ng/ml



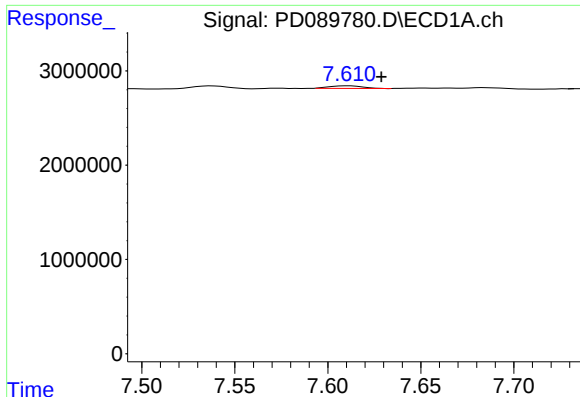
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.492 min
Response: 0
Conc: N.D.



#20 Methoxychlor

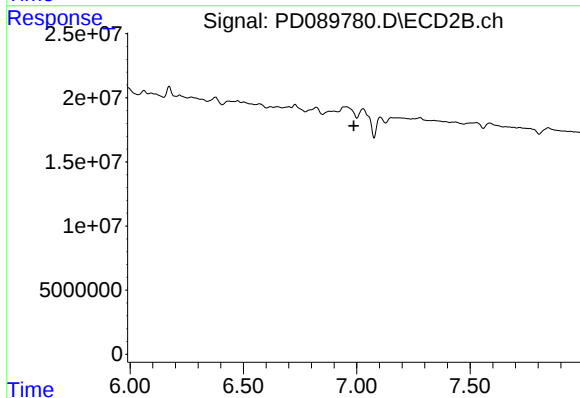
R.T.: 6.728 min
Delta R.T.: -0.022 min
Response: 7597483
Conc: 0.78 ng/ml



#21 Endrin ketone

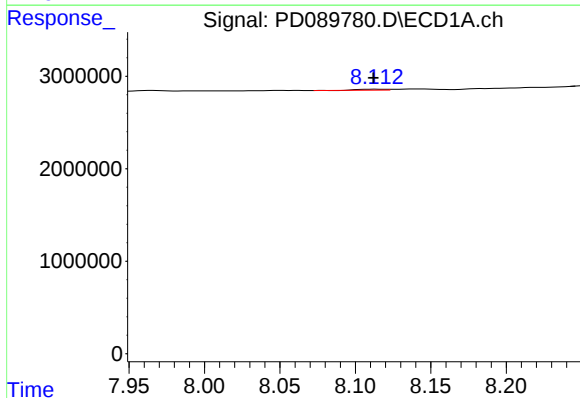
R.T.: 7.611 min
Delta R.T.: -0.018 min
Response: 336830
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



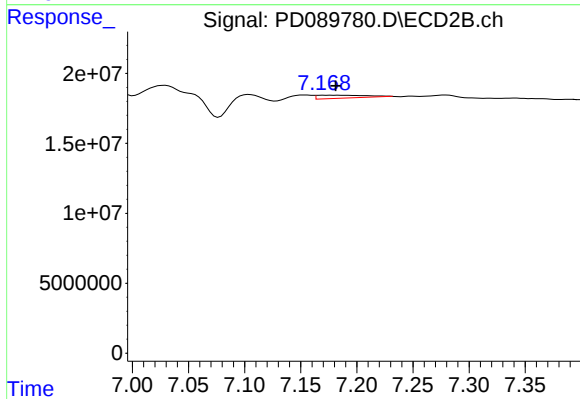
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.988 min
Response: 0
Conc: N.D.



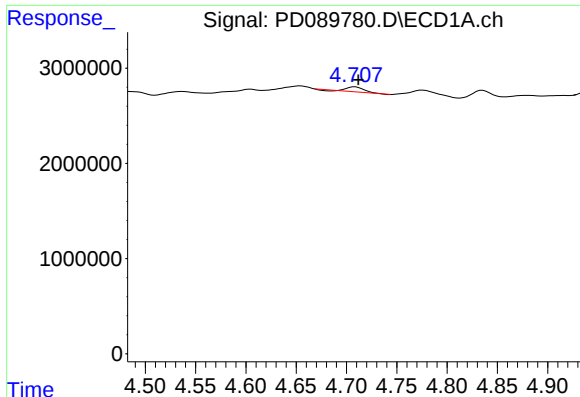
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 136280
Conc: 0.05 ng/ml



#22 Mirex

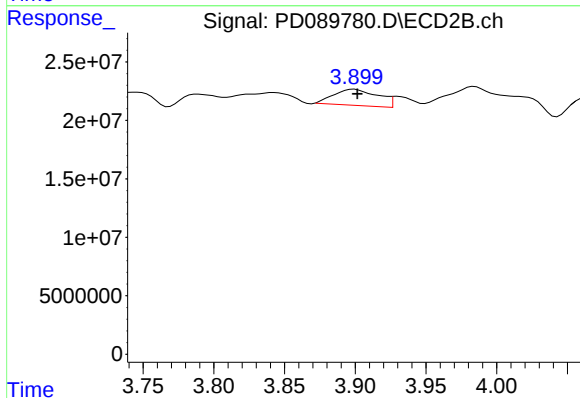
R.T.: 7.170 min
Delta R.T.: -0.011 min
Response: 6636340
Conc: 0.44 ng/ml



#23 Chlordane-1

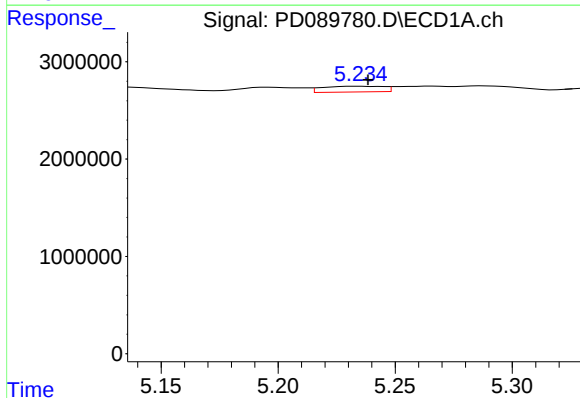
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 623154
Conc: 3.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



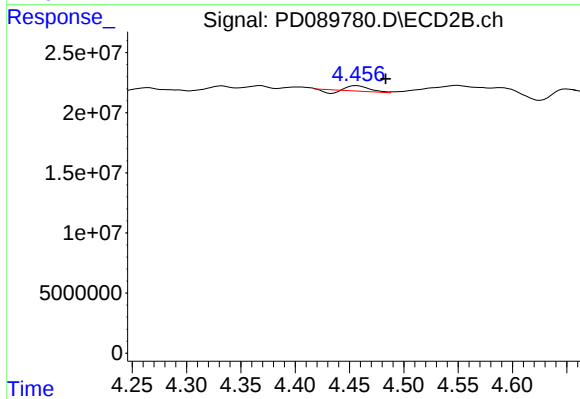
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 30335042
Conc: 41.48 ng/ml



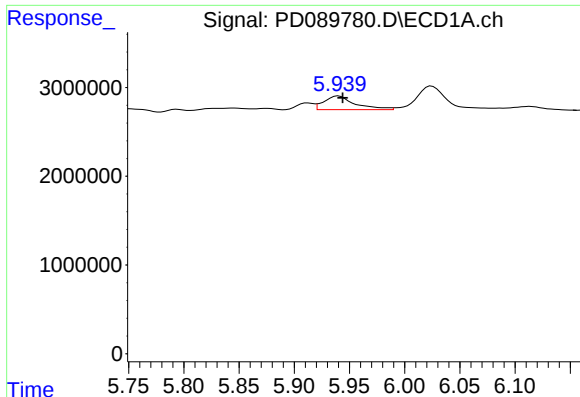
#24 Chlordane-2

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 1075018
Conc: 6.33 ng/ml



#24 Chlordane-2

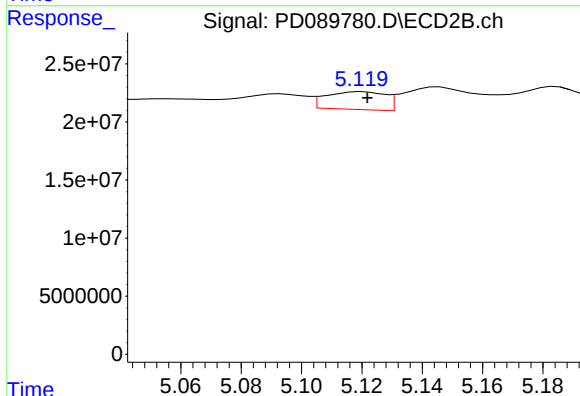
R.T.: 4.457 min
Delta R.T.: -0.027 min
Response: 4651850
Conc: 6.09 ng/ml



#25 Chlordane-3

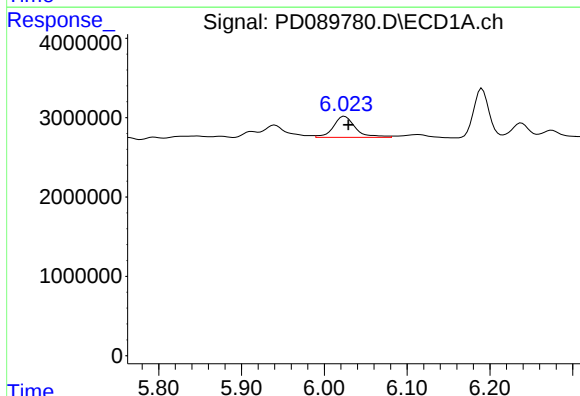
R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 3039945
Conc: 4.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



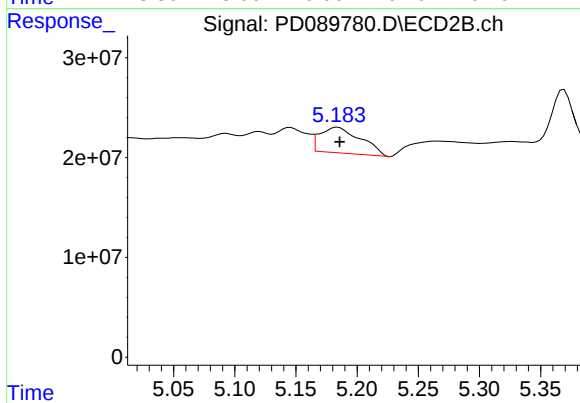
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 20785866
Conc: 8.98 ng/ml



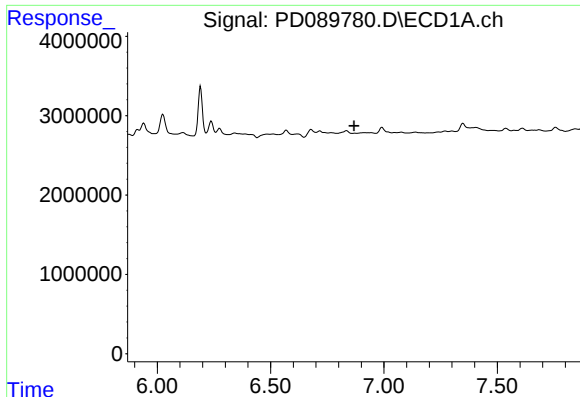
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: -0.005 min
Response: 4929122
Conc: 5.89 ng/ml



#26 Chlordane-4

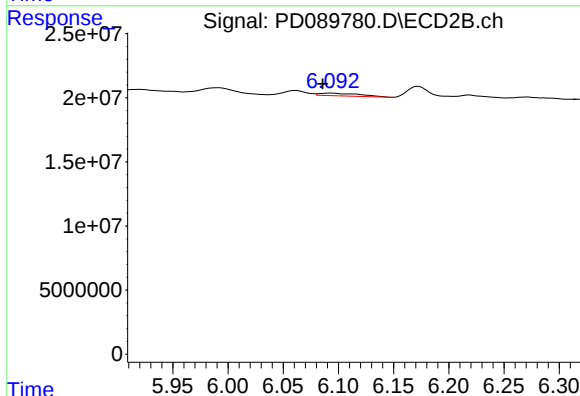
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 59742767
Conc: 30.03 ng/ml



#27 Chlordane-5

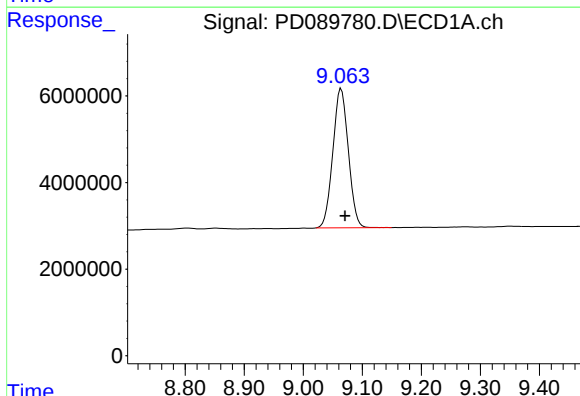
R.T.: 0.000 min
Exp R.T.: 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-OG3-073125



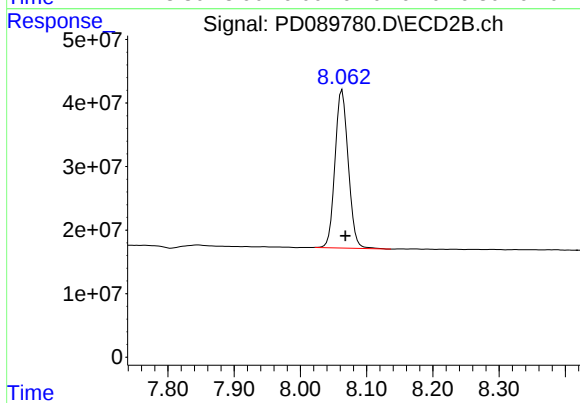
#27 Chlordane-5

R.T.: 6.094 min
Delta R.T.: 0.008 min
Response: 5275236
Conc: 5.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: -0.006 min
Response: 58649630
Conc: 15.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.005 min
Response: 345563448
Conc: 17.21 ng/ml