

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062425\
 Data File : PD089110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 15:27
 Operator : AR\AJ
 Sample : Q2385-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 A5311

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:54:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.551	2.882	60330293	312.9E6	21.145	18.458
28)	SA Decachlor...	9.072	8.071	81366094	387.7E6	20.716	19.611
Target Compounds							
2)	A alpha-BHC	3.970f	3.374f	613993	2797220	0.105	0.104
3)	MA gamma-BHC...	4.339	0.000	242087	0	0.043	N.D. #
4)	MA Heptachlor	4.946f	4.086	457239	2393619	0.084	0.096
5)	MB Aldrin	5.249f	4.377	509688	-712851	0.096	N.D. #
6)	B beta-BHC	4.495f	4.040	751591	3721778	0.341	0.346
7)	B delta-BHC	4.777	4.257	1407275	3253129	0.274	0.131 #
8)	B Heptachlo...	5.701	4.871	4189355	4614027	0.868	0.211 #
9)	A Endosulfan I	6.097f	5.244	344308	8058533	0.076	0.387 #
10)	B gamma-Chl...	5.917f	5.139	1781839	17589039	0.372	0.735 #
11)	B alpha-Chl...	6.042f	5.180	2092177	20241040	0.432	0.884 #
12)	B 4,4'-DDE	6.174f	5.375	1142970	-45002	0.262	N.D. #
13)	MA Dieldrin	6.333	5.509	346147	-301172	0.072	N.D. #
14)	MA Endrin	0.000	5.795	0	81754994	N.D.	3.765 #
15)	B Endosulfa...	0.000	6.098f	0	5964729	N.D.	0.295 #
16)	A 4,4'-DDD	6.705	5.925	832582	-1021773	0.243	N.D. #
17)	MA 4,4'-DDT	6.990f	6.191	1116082	9149768	0.295	0.451 #
18)	B Endrin al...	6.925	6.256	792138	488139	0.259	0.032 #
19)	B Endosulfa...	0.000	6.470	0	4147233	N.D.	0.211 #
20)	A Methoxychlor	0.000	6.755	0	1140793	N.D.	0.106 #
21)	B Endrin ke...	7.636	6.978	-176	103764	N.D.	0.005
22)	Mirex	8.117	0.000	329009	0	0.108	N.D. #
23)	Chlordane-1	0.000	3.885f	0	8809625	N.D.	9.450 #
24)	Chlordane-2	5.249	4.463f	509688	13331468	2.335	14.009 #
25)	Chlordane-3	5.917f	5.139	1781839	17589039	2.066	5.922 #
26)	Chlordane-4	6.042	5.180	2092177	20241040	1.991	8.075 #
27)	Chlordane-5	6.869	6.098	125170	5964729	0.685	5.271 #

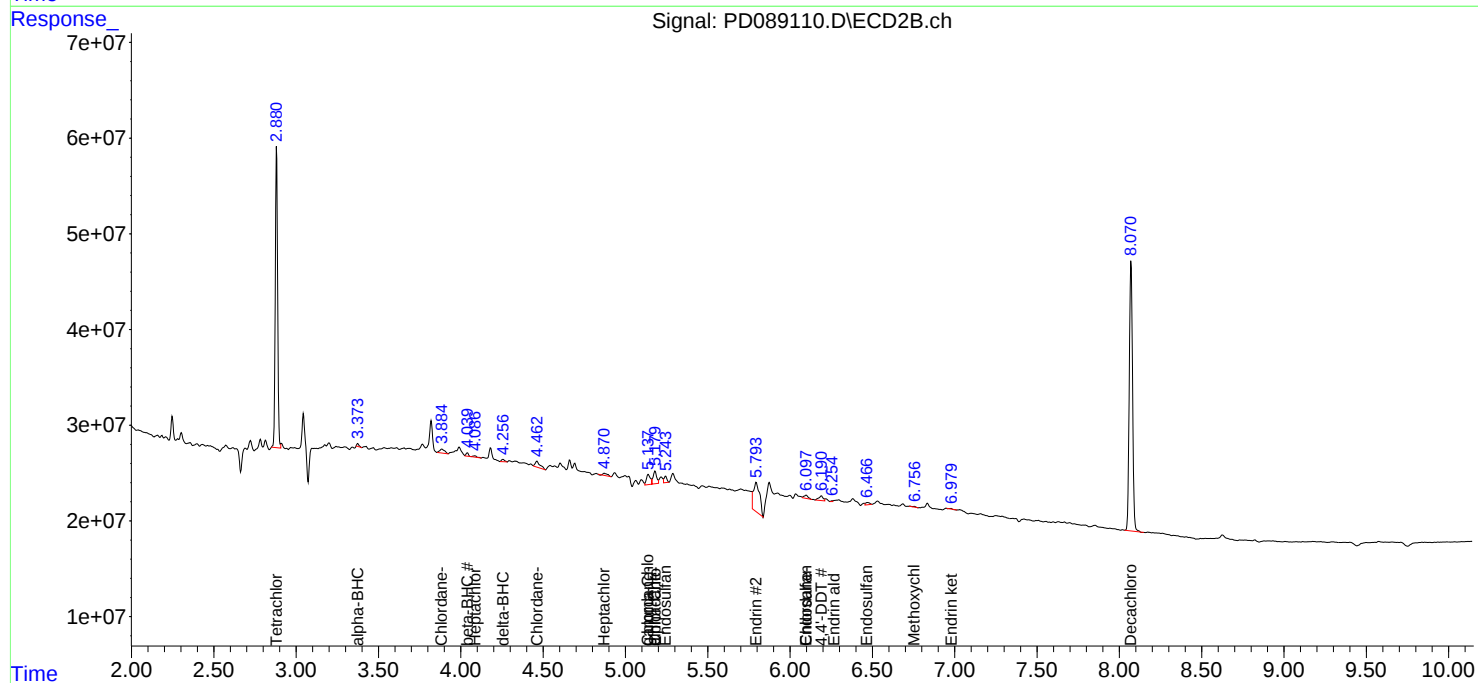
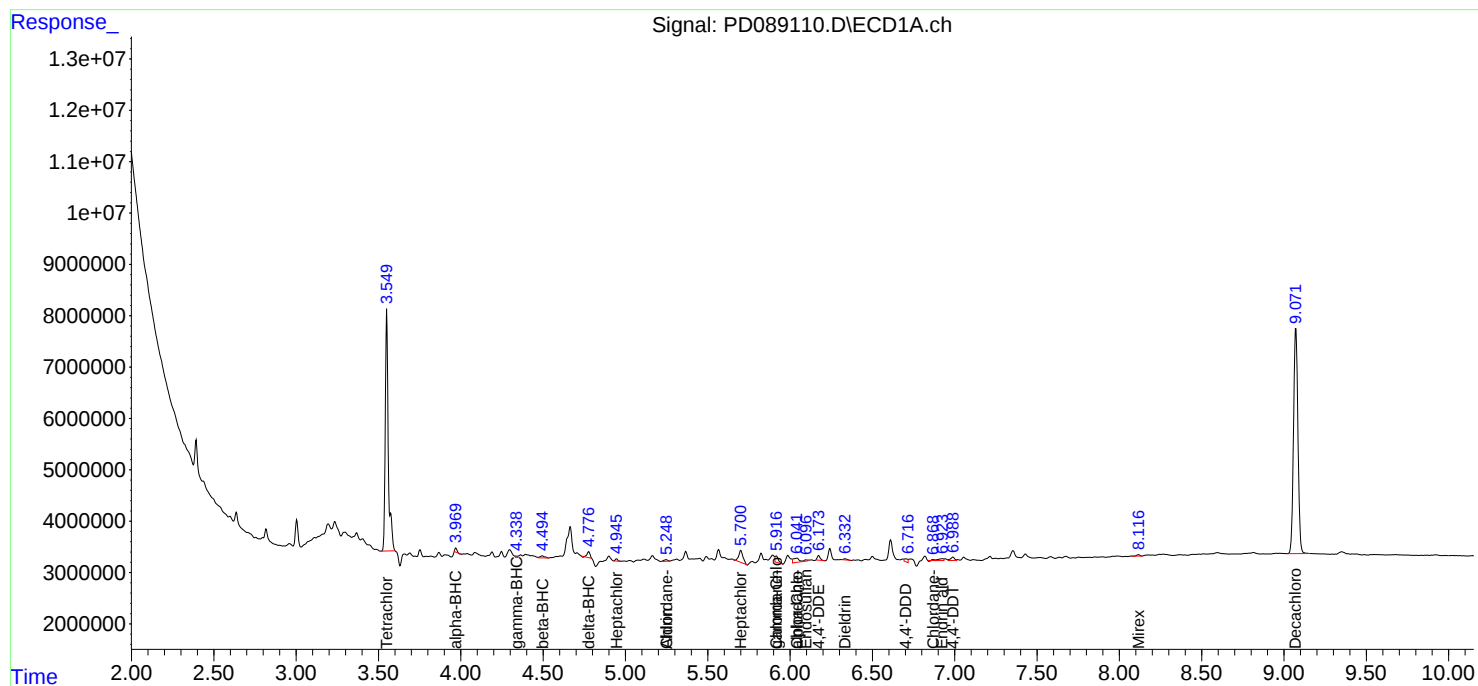
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

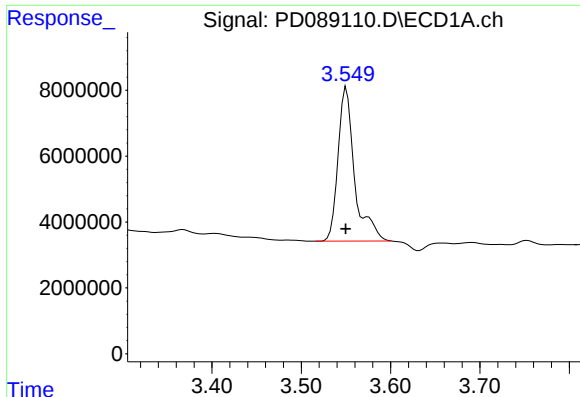
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062425\
Data File : PD089110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 15:27
Operator : AR\AJ
Sample : Q2385-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
A5311

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 01:54:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

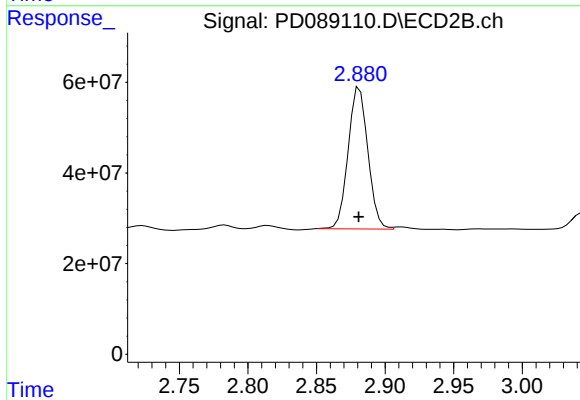




#1 Tetrachloro-m-xylene

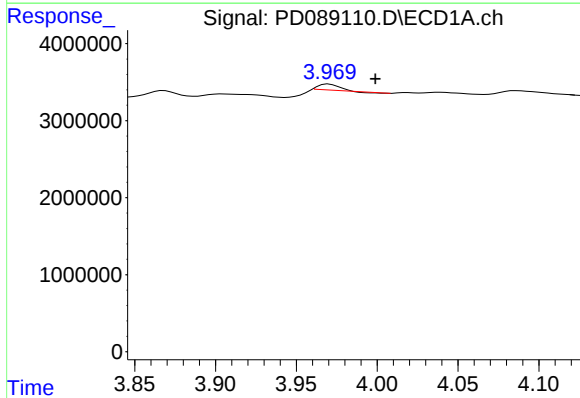
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 60330293
Conc: 21.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



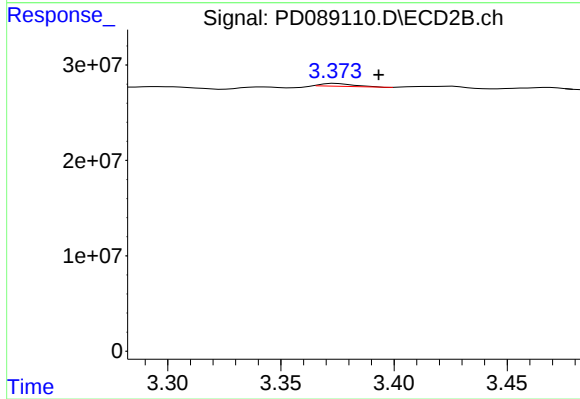
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 312926018
Conc: 18.46 ng/ml



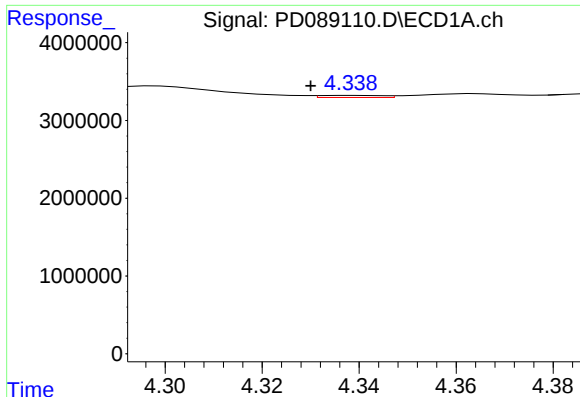
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: -0.029 min
Response: 613993
Conc: 0.11 ng/ml



#2 alpha-BHC

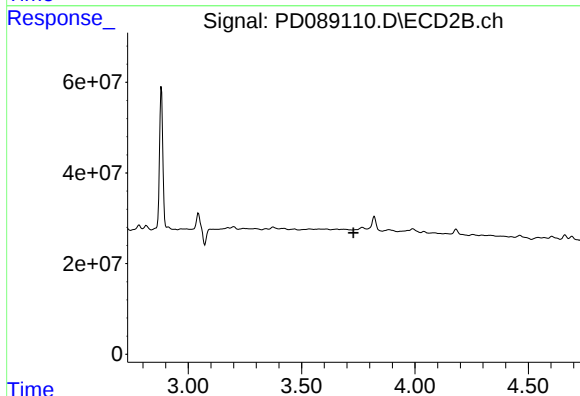
R.T.: 3.374 min
Delta R.T.: -0.019 min
Response: 2797220
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

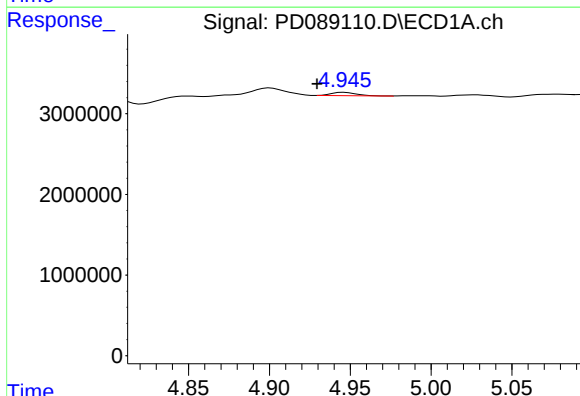
R.T.: 4.339 min
Delta R.T.: 0.009 min
Response: 242087
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



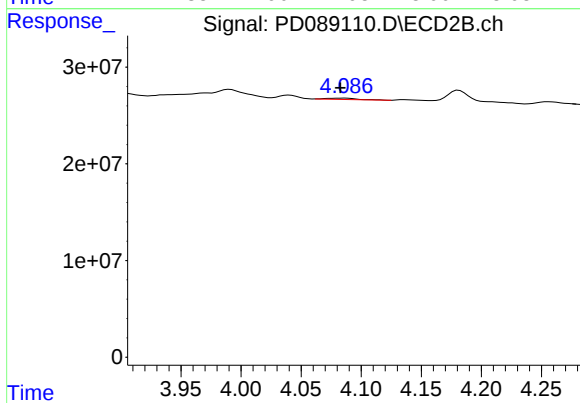
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 3.729 min
Response: 0
Conc: N.D.



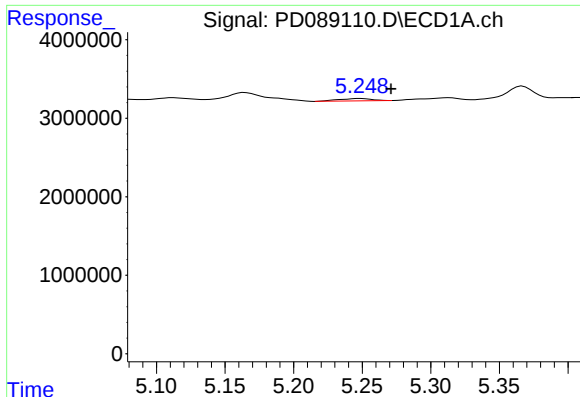
#4 Heptachlor

R.T.: 4.946 min
Delta R.T.: 0.017 min
Response: 457239
Conc: 0.08 ng/ml



#4 Heptachlor

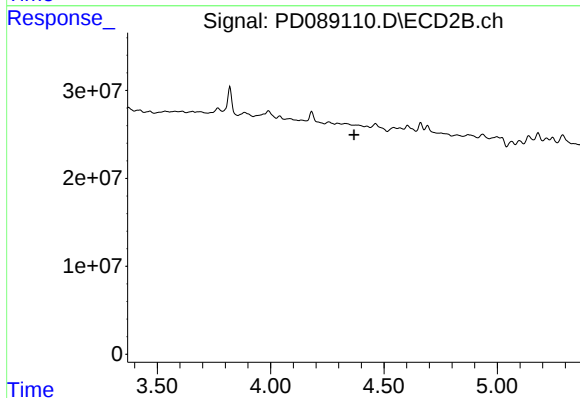
R.T.: 4.086 min
Delta R.T.: 0.003 min
Response: 2393619
Conc: 0.10 ng/ml



#5 Aldrin

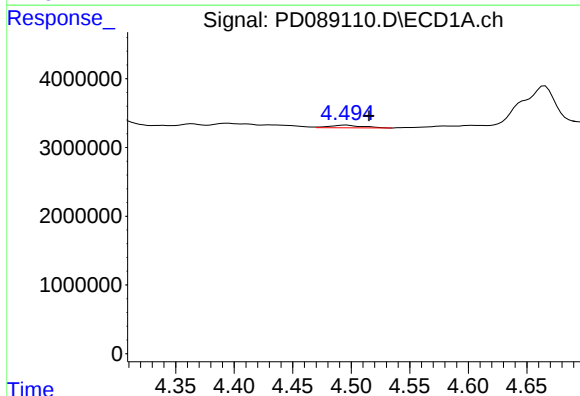
R.T.: 5.249 min
Delta R.T.: -0.022 min
Response: 509688
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



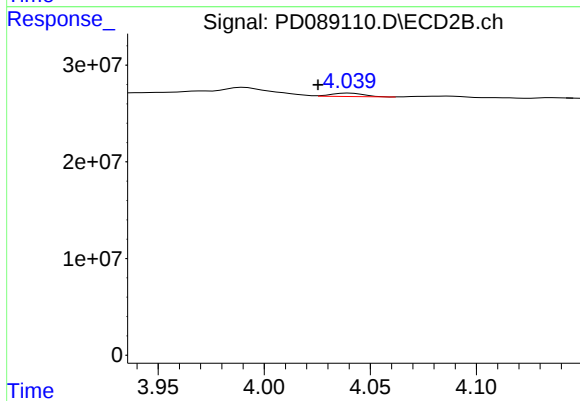
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: 0.008 min
Response: -712851
Conc: N.D.



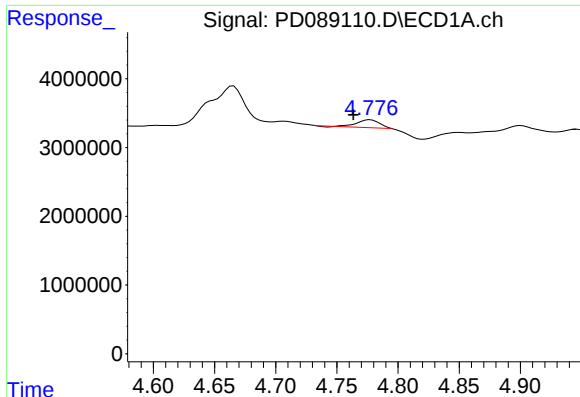
#6 beta-BHC

R.T.: 4.495 min
Delta R.T.: -0.020 min
Response: 751591
Conc: 0.34 ng/ml



#6 beta-BHC

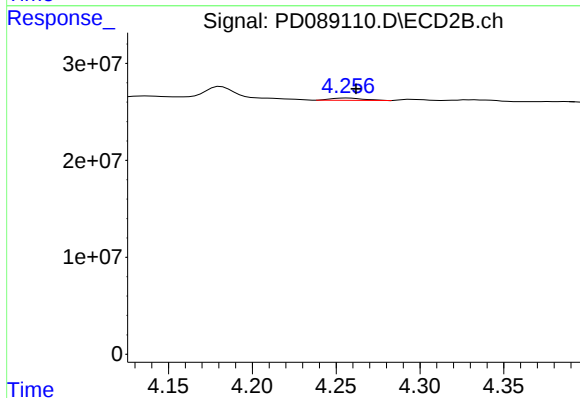
R.T.: 4.040 min
Delta R.T.: 0.015 min
Response: 3721778
Conc: 0.35 ng/ml



#7 delta-BHC

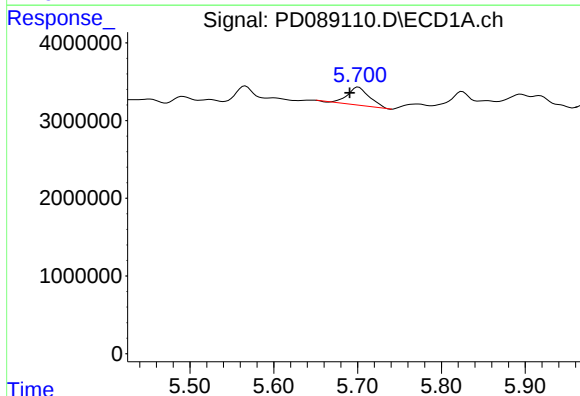
R.T.: 4.777 min
Delta R.T.: 0.014 min
Response: 1407275
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



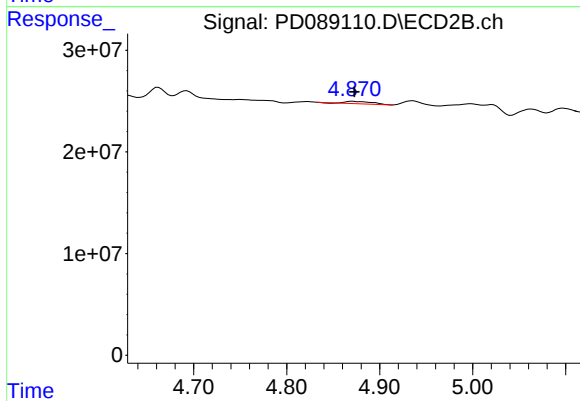
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.005 min
Response: 3253129
Conc: 0.13 ng/ml



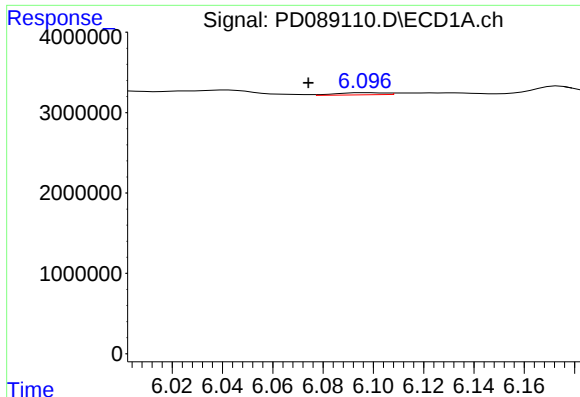
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.010 min
Response: 4189355
Conc: 0.87 ng/ml



#8 Heptachlor epoxide

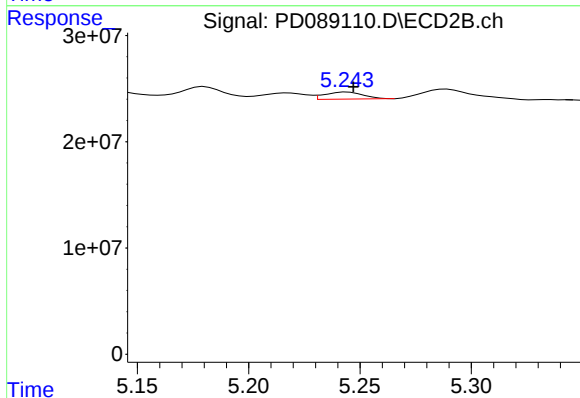
R.T.: 4.871 min
Delta R.T.: -0.001 min
Response: 4614027
Conc: 0.21 ng/ml



#9 Endosulfan I

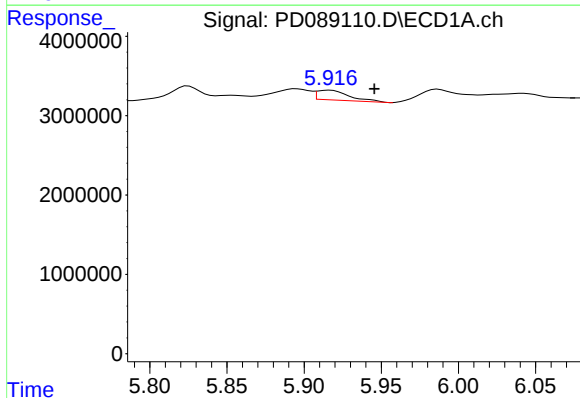
R.T.: 6.097 min
Delta R.T.: 0.023 min
Response: 344308
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



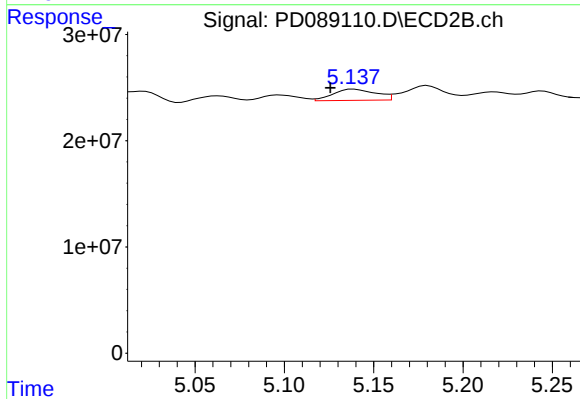
#9 Endosulfan I

R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 8058533
Conc: 0.39 ng/ml



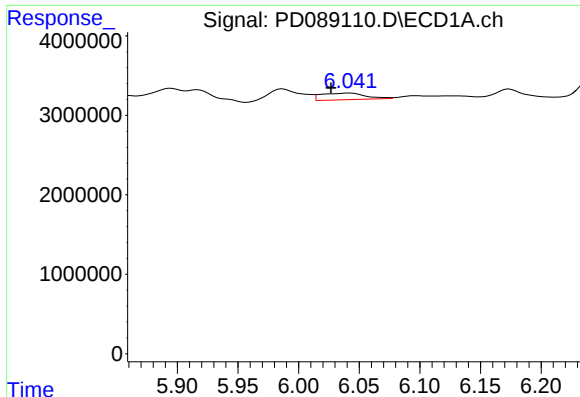
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.029 min
Response: 1781839
Conc: 0.37 ng/ml



#10 gamma-Chlordane

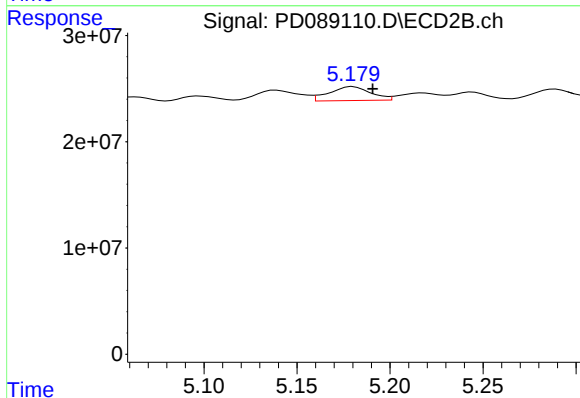
R.T.: 5.139 min
Delta R.T.: 0.013 min
Response: 17589039
Conc: 0.74 ng/ml



#11 alpha-Chlordane

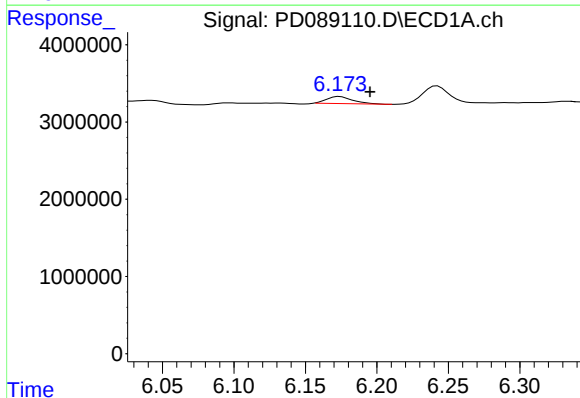
R.T.: 6.042 min
Delta R.T.: 0.015 min
Response: 2092177
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



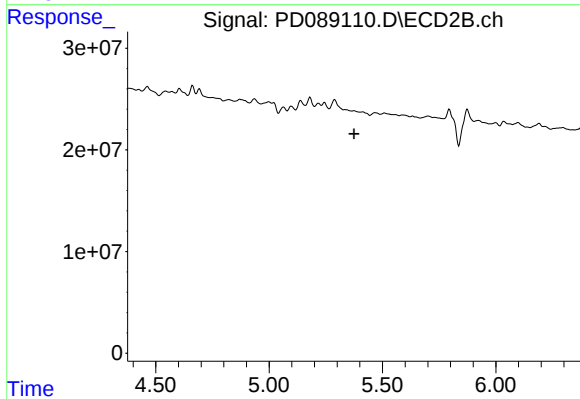
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.010 min
Response: 20241040
Conc: 0.88 ng/ml



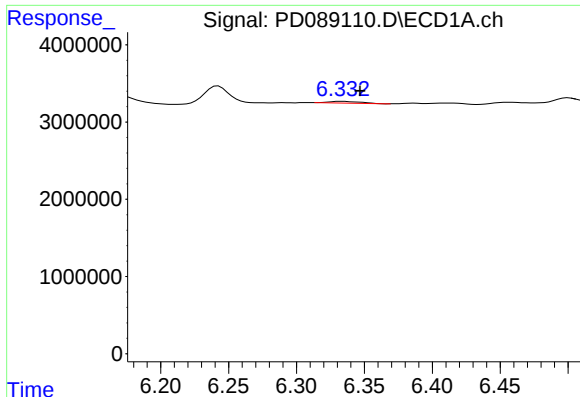
#12 4,4'-DDE

R.T.: 6.174 min
Delta R.T.: -0.021 min
Response: 1142970
Conc: 0.26 ng/ml



#12 4,4'-DDE

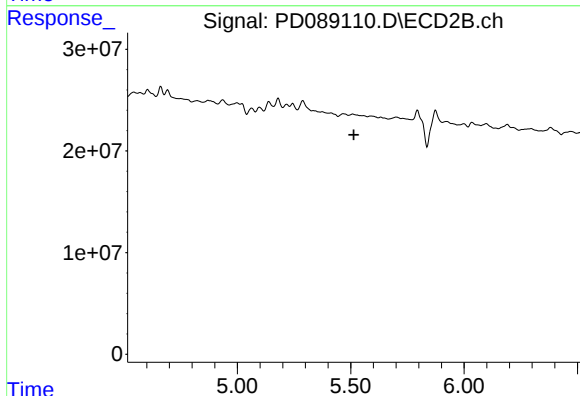
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: -45002
Conc: N.D.



#13 Dieldrin

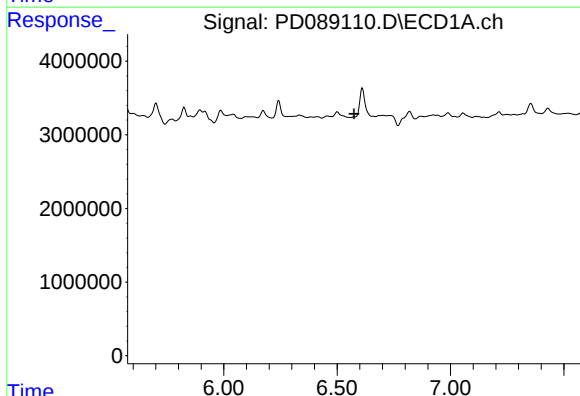
R.T.: 6.333 min
Delta R.T.: -0.014 min
Response: 346147
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



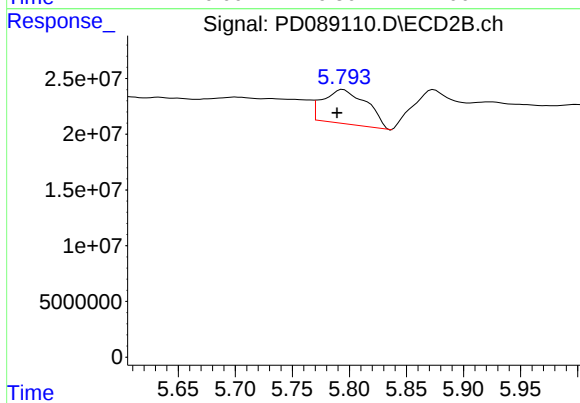
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: -0.004 min
Response: -301172
Conc: N.D.



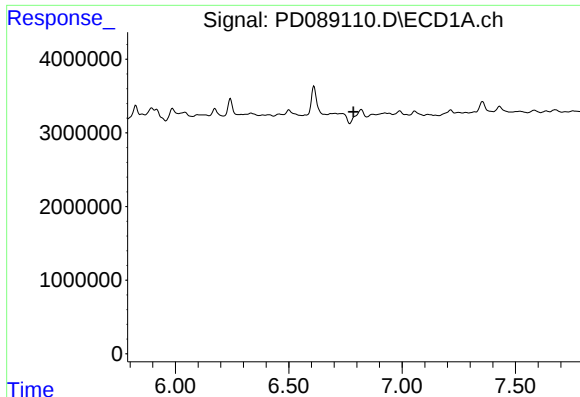
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.574 min
Response: 0
Conc: N.D.



#14 Endrin

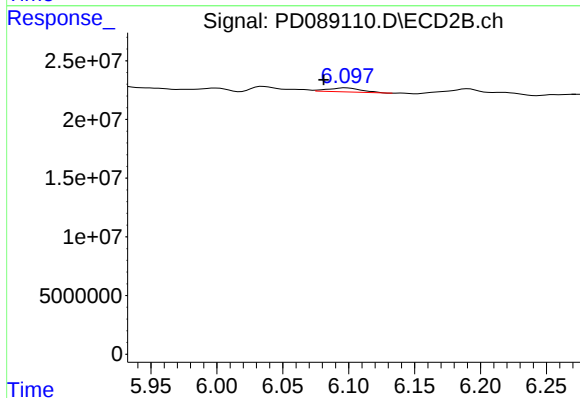
R.T.: 5.795 min
Delta R.T.: 0.005 min
Response: 81754994
Conc: 3.77 ng/ml



#15 Endosulfan II

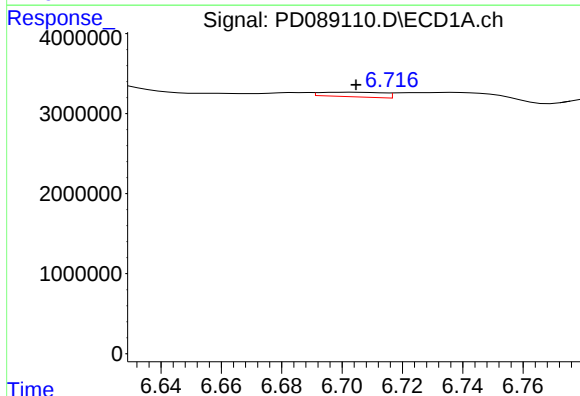
R.T.: 0.000 min
Exp R.T.: 6.786 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
A5311



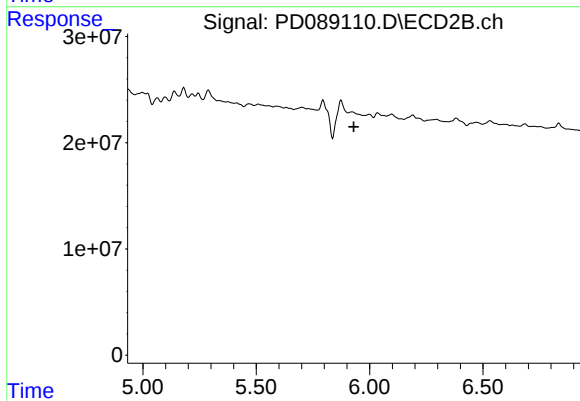
#15 Endosulfan II

R.T.: 6.098 min
Delta R.T.: 0.017 min
Response: 5964729
Conc: 0.30 ng/ml



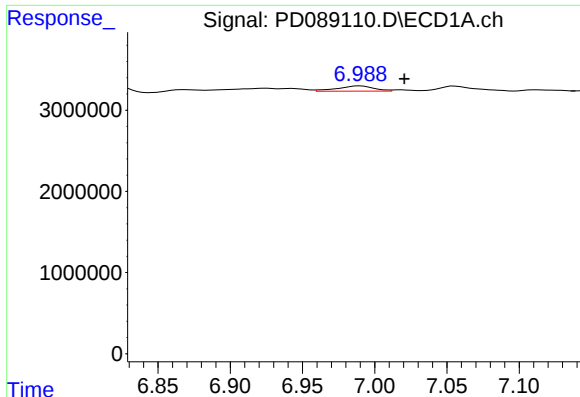
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 832582
Conc: 0.24 ng/ml



#16 4,4'-DDD

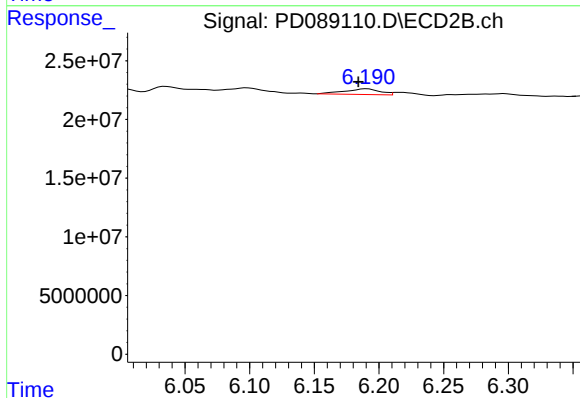
R.T.: 5.925 min
Delta R.T.: -0.005 min
Response: -1021773
Conc: N.D.



#17 4,4'-DDT

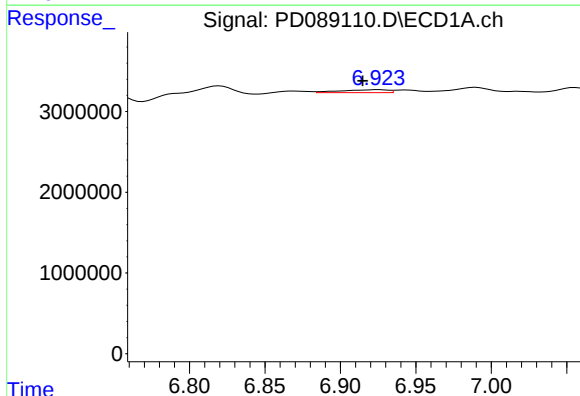
R.T.: 6.990 min
Delta R.T.: -0.031 min
Response: 1116082
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



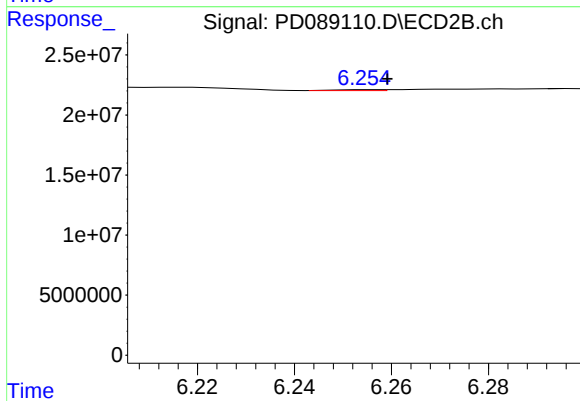
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.007 min
Response: 9149768
Conc: 0.45 ng/ml



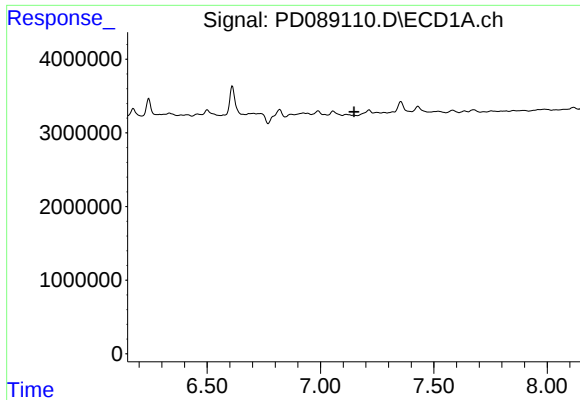
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.010 min
Response: 792138
Conc: 0.26 ng/ml



#18 Endrin aldehyde

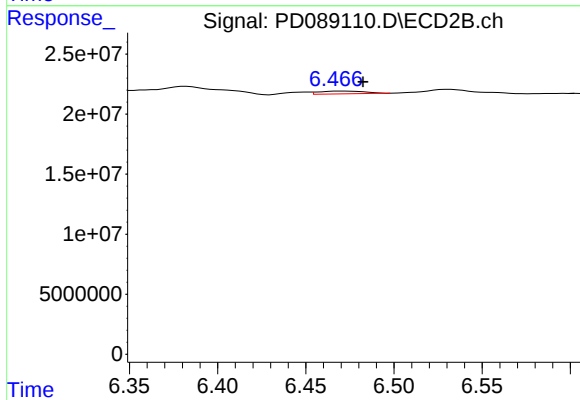
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 488139
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

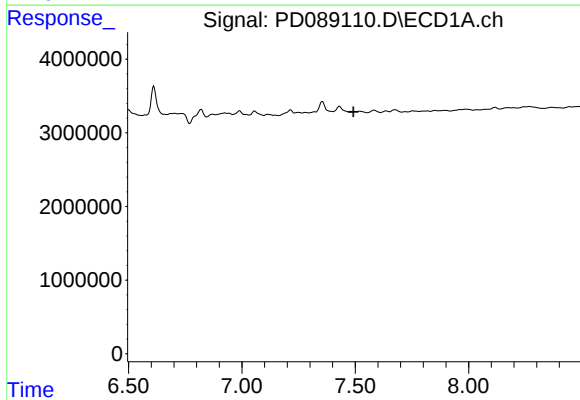
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
A5311



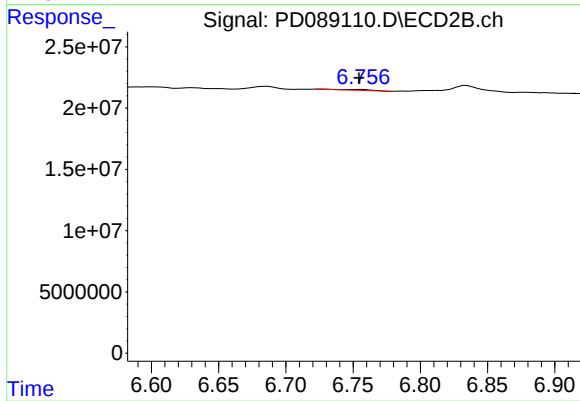
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.013 min
Response: 4147233
Conc: 0.21 ng/ml



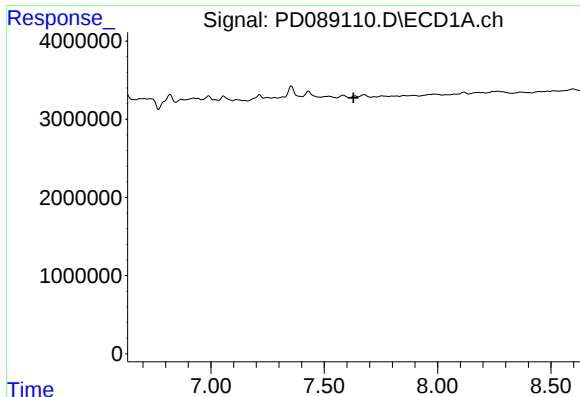
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.493 min
Response: 0
Conc: N.D.



#20 Methoxychlor

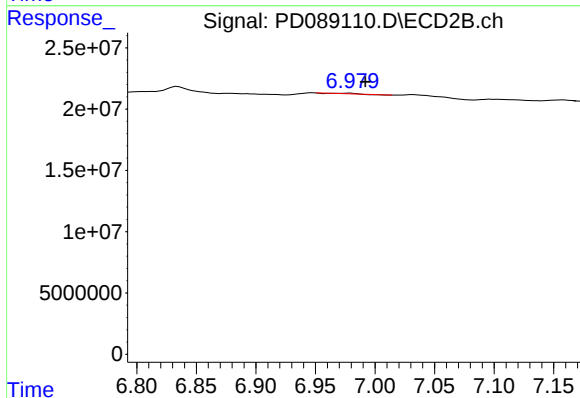
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 1140793
Conc: 0.11 ng/ml



#21 Endrin ketone

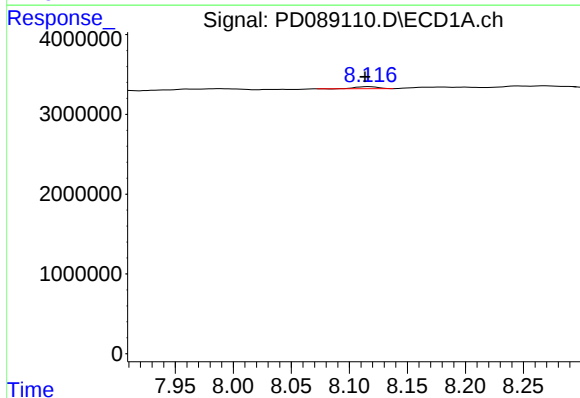
R.T.: 7.636 min
Delta R.T.: 0.006 min
Response: -176
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
A5311



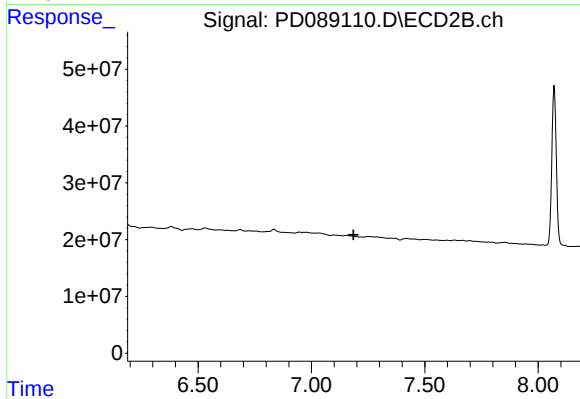
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.014 min
Response: 103764
Conc: 0.00 ng/ml



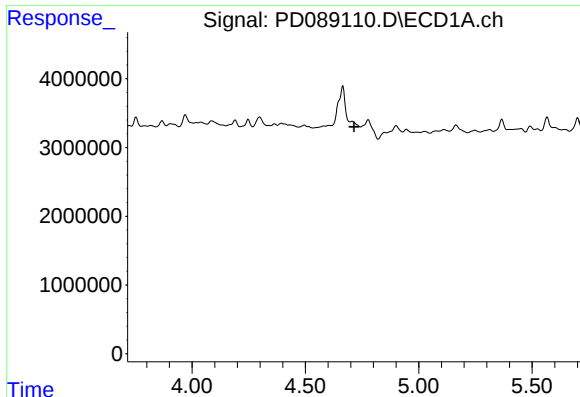
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.004 min
Response: 329009
Conc: 0.11 ng/ml



#22 Mirex

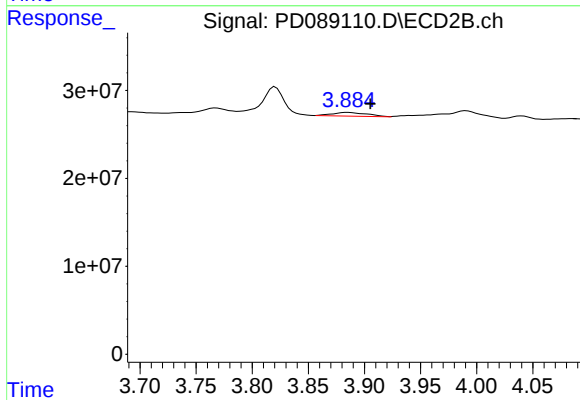
R.T.: 0.000 min
Exp R.T.: 7.186 min
Response: 0
Conc: N.D.



#23 Chlordane-1

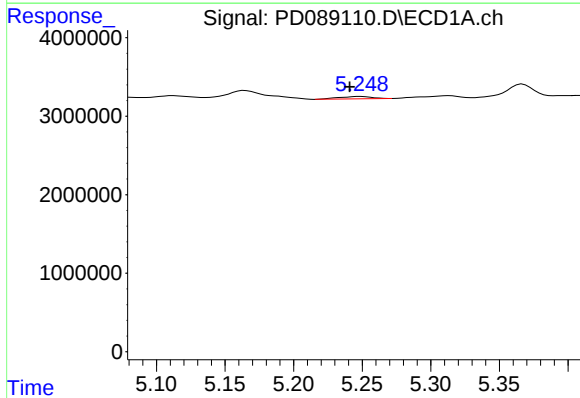
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
A5311



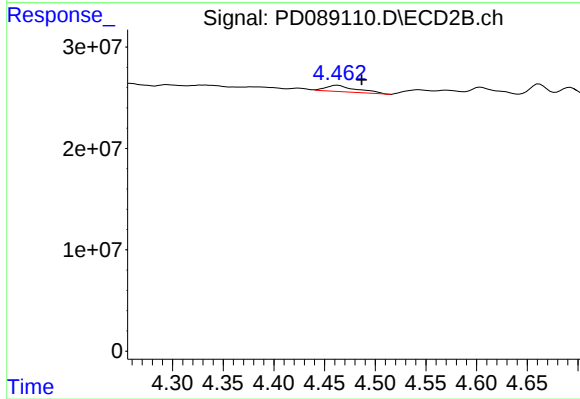
#23 Chlordane-1

R.T.: 3.885 min
Delta R.T.: -0.020 min
Response: 8809625
Conc: 9.45 ng/ml



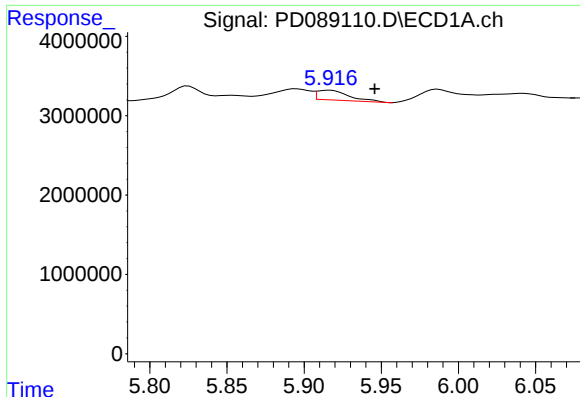
#24 Chlordane-2

R.T.: 5.249 min
Delta R.T.: 0.008 min
Response: 509688
Conc: 2.33 ng/ml



#24 Chlordane-2

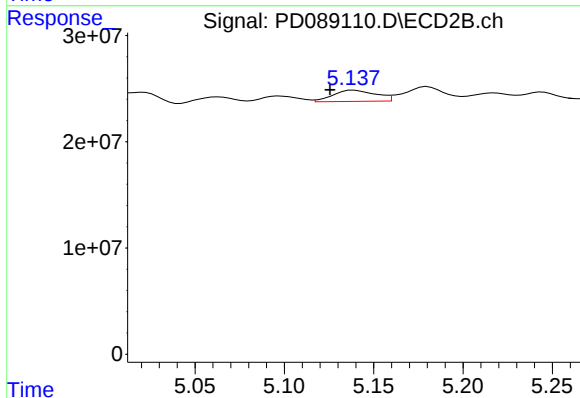
R.T.: 4.463 min
Delta R.T.: -0.024 min
Response: 13331468
Conc: 14.01 ng/ml



#25 Chlordane-3

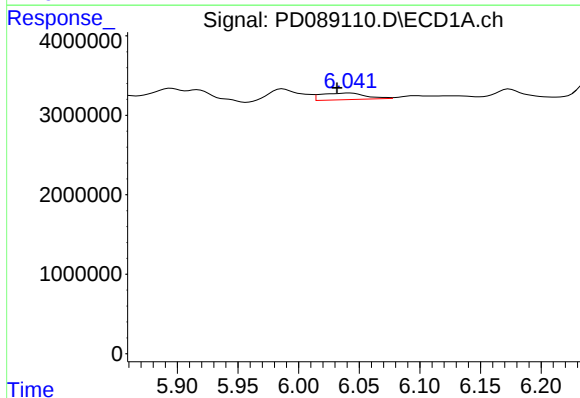
R.T.: 5.917 min
Delta R.T.: -0.029 min
Response: 1781839
Conc: 2.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



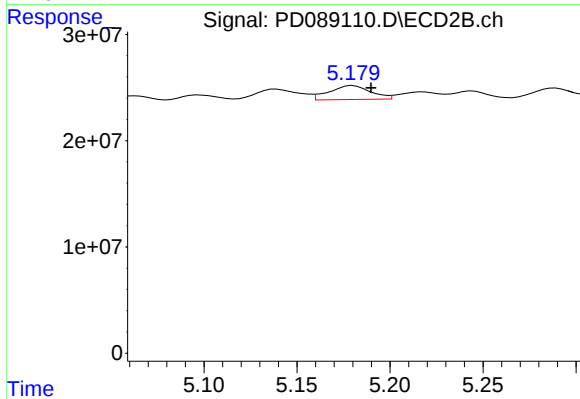
#25 Chlordane-3

R.T.: 5.139 min
Delta R.T.: 0.013 min
Response: 17589039
Conc: 5.92 ng/ml



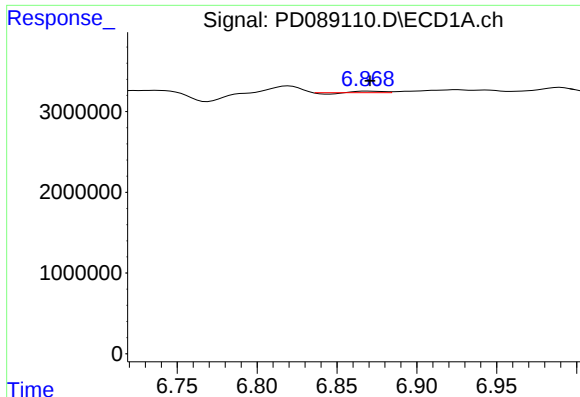
#26 Chlordane-4

R.T.: 6.042 min
Delta R.T.: 0.010 min
Response: 2092177
Conc: 1.99 ng/ml



#26 Chlordane-4

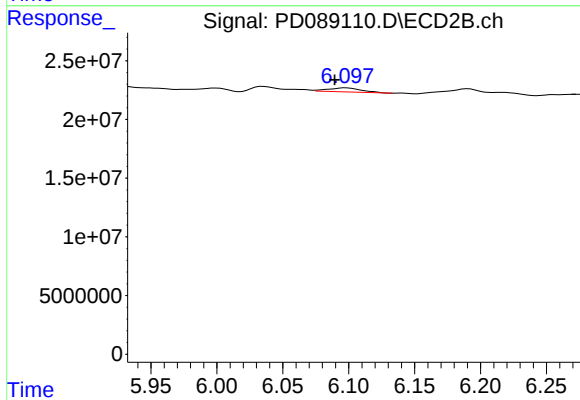
R.T.: 5.180 min
Delta R.T.: -0.010 min
Response: 20241040
Conc: 8.07 ng/ml



#27 Chlordane-5

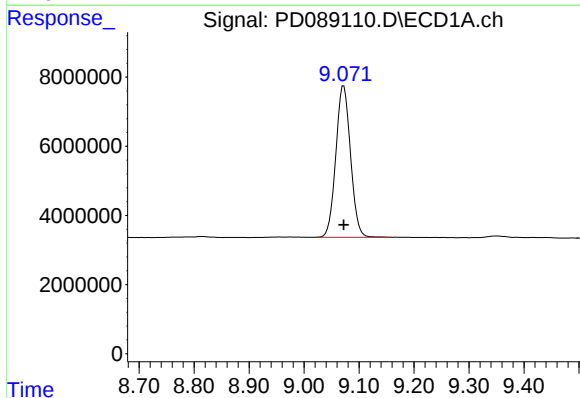
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 125170
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
A5311



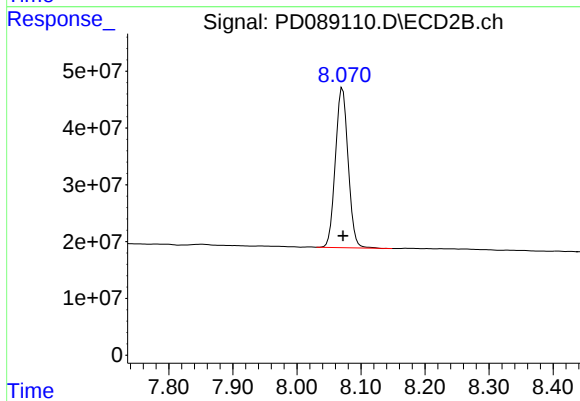
#27 Chlordane-5

R.T.: 6.098 min
Delta R.T.: 0.009 min
Response: 5964729
Conc: 5.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 81366094
Conc: 20.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 387713726
Conc: 19.61 ng/ml