

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062825\
 Data File : PD089213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2025 00:00
 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: Jun 28 00:24:51 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...	3.549	2.881	62047736	388.9E6	21.747	22.940
28)	SA Decachlor...	9.069	8.070	83404360	433.7E6	21.235	21.938
Target Compounds							
2)	A alpha-BHC	3.998	3.392	57674883	315.2E6	9.894	11.763
3)	MA gamma-BHC...	4.329	3.729	58458397	292.0E6	10.473	11.793
4)	MA Heptachlor	4.951f	4.078	788090	2843755	0.145	0.114
5)	MB Aldrin	5.255f	4.362	891193	1612910	0.168	0.067 #
6)	B beta-BHC	4.515	4.024	24376752	112.6E6	11.045	10.482
7)	B delta-BHC	4.775	4.262	2587723	1338676	0.504	0.054 #
8)	B Heptachlo...	5.679	4.873	3630954	4406162	0.753	0.201 #
9)	A Endosulfan I	6.065	0.000	121027	0	0.027	N.D. #
10)	B gamma-Chl...	5.913f	5.125	2570654	282.0E6	0.537	11.789 #
11)	B alpha-Chl...	6.031	0.000	696817	0	0.144	N.D. #
12)	B 4,4'-DDE	6.190	5.374	851080	13295434	0.195	0.580 #
13)	MA Dieldrin	6.365f	5.508	3537253	8415756	0.737	0.363 #
14)	MA Endrin	6.573	5.788	215.2E6	1188.5E6	52.156	54.736
15)	B Endosulfa...	6.771f	6.085	1040999	-1989572	0.258	N.D. #
16)	A 4,4'-DDD	6.703	5.928	30542130	170.9E6	8.899	8.935
17)	MA 4,4'-DDT	7.019	6.182	317.5E6	1713.6E6	83.803	84.501
18)	B Endrin al...	6.914	6.256	3083231	21761770	1.006	1.421 #
19)	B Endosulfa...	0.000	6.455f	0	9023568	N.D.	0.460 #
20)	A Methoxychlor	7.491	6.752	388.8E6	1856.0E6	192.421	172.364
21)	B Endrin ke...	7.628	6.989	9800168	66411803	2.406	3.074 #
22)	Mirex	8.115	7.176	368248	4937783	0.121	0.296 #
23)	Chlordane-1	0.000	3.901	0	6711474	N.D.	7.199 #
24)	Chlordane-2	5.255	4.491	891193	58517426	4.082	61.493 #
25)	Chlordane-3	0.000	5.125	0	282.0E6	N.D.	94.951 #
26)	Chlordane-4	6.031	0.000	696817	0	0.663	N.D. #
27)	Chlordane-5	6.868	6.085	422187	-1989572	2.310	N.D. #

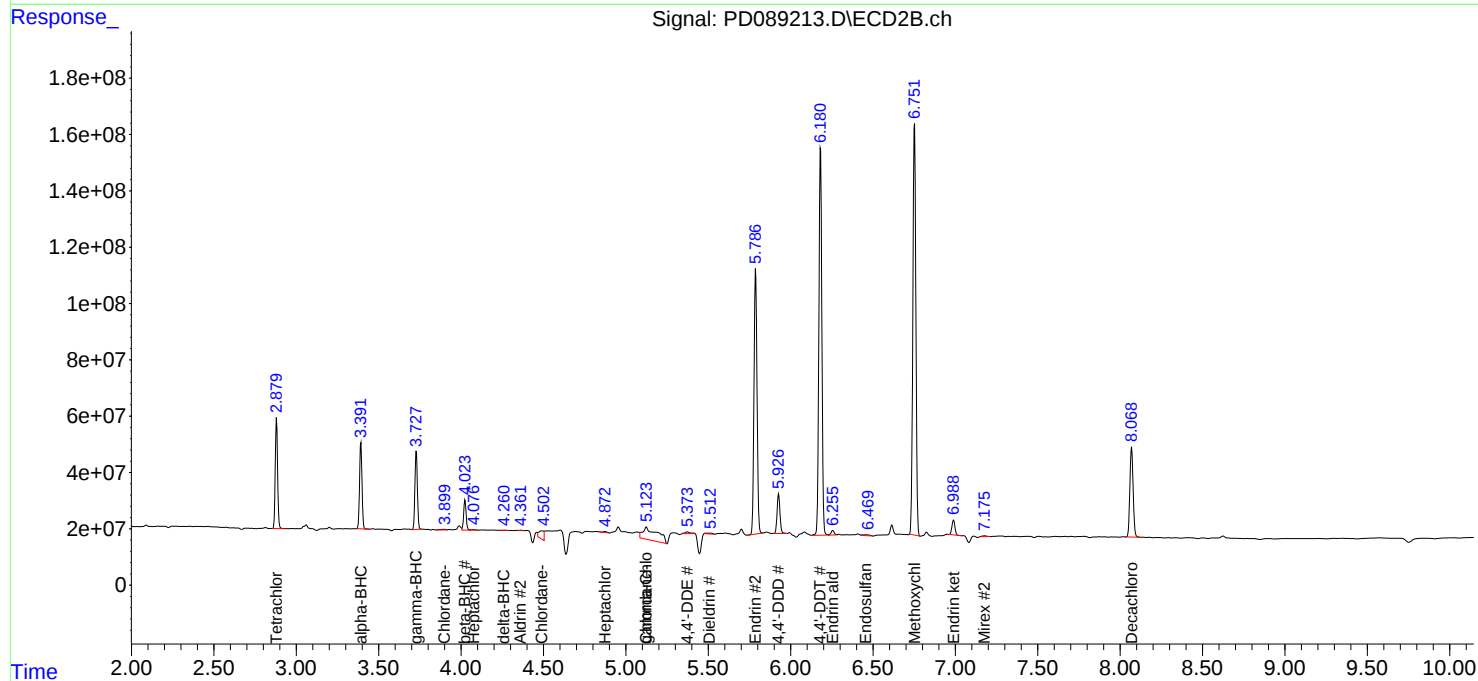
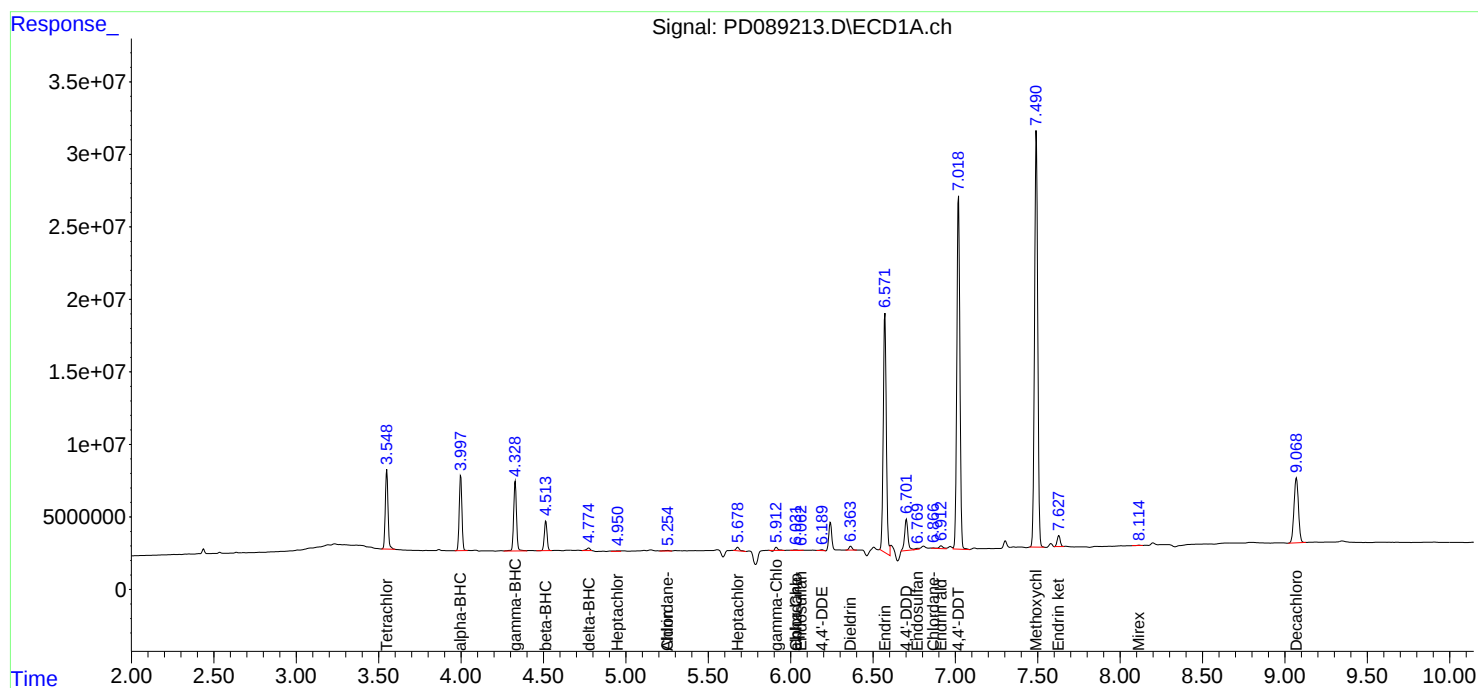
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

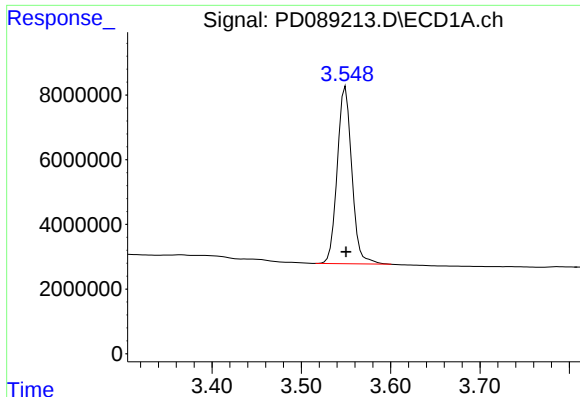
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062825\
Data File : PD089213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2025 00:00
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 00:24:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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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

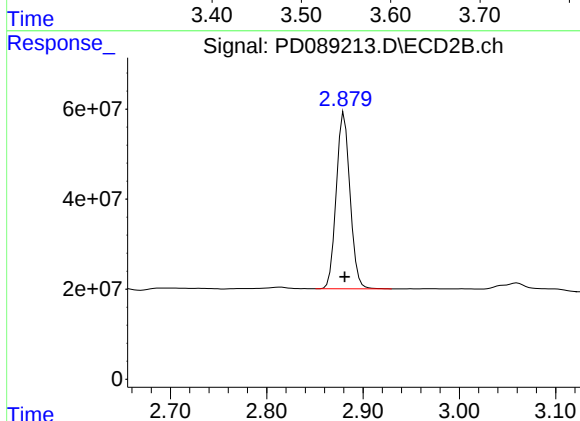




#1 Tetrachloro-m-xylene

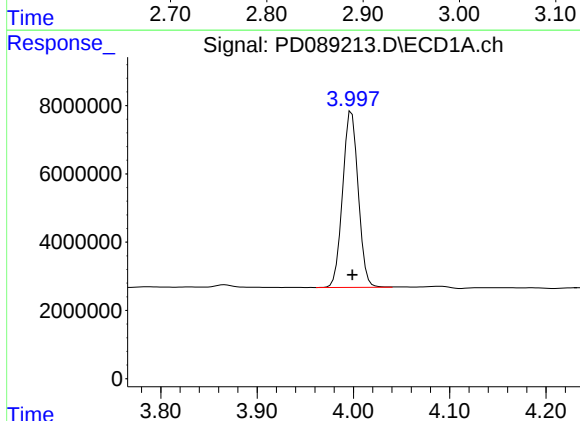
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 62047736
Conc: 21.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



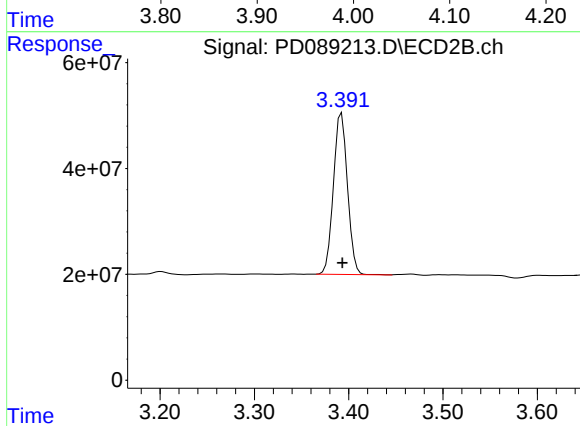
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 388911760
Conc: 22.94 ng/ml



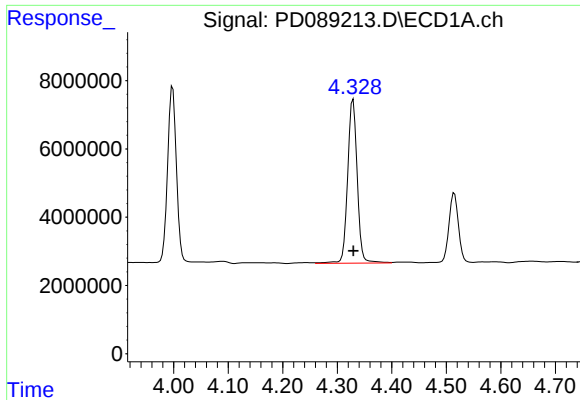
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 57674883
Conc: 9.89 ng/ml



#2 alpha-BHC

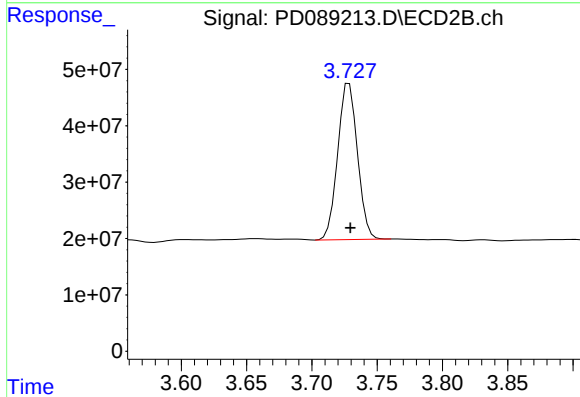
R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 315226842
Conc: 11.76 ng/ml



#3 gamma-BHC (Lindane)

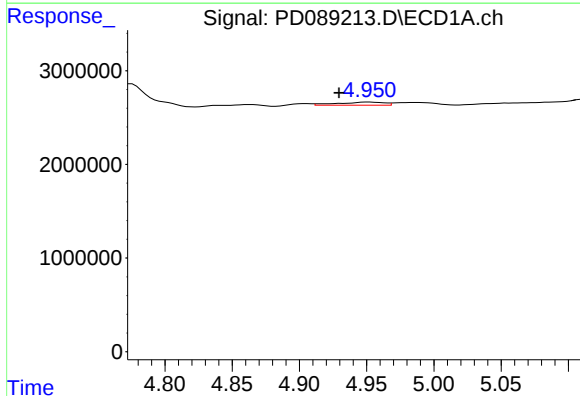
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 58458397
Conc: 10.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



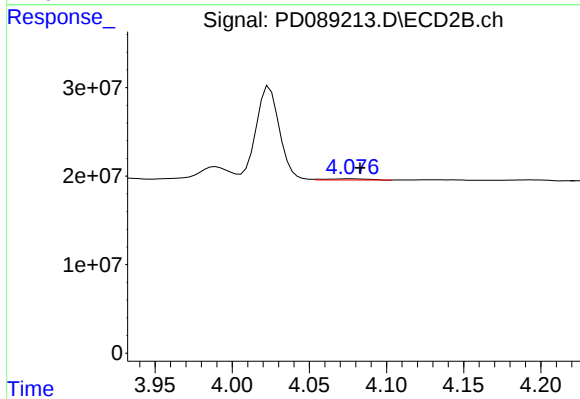
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 291959729
Conc: 11.79 ng/ml



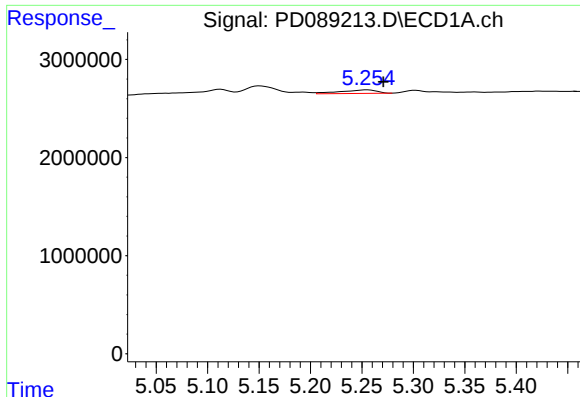
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.022 min
Response: 788090
Conc: 0.14 ng/ml



#4 Heptachlor

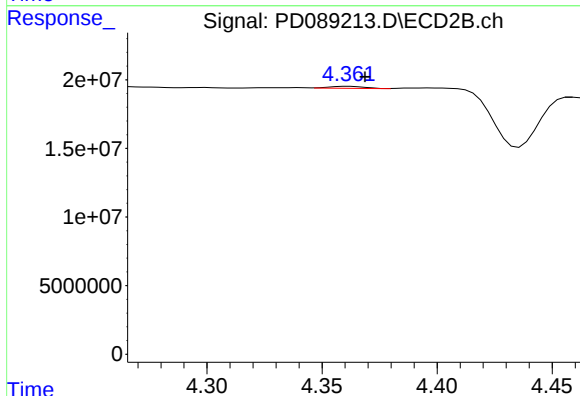
R.T.: 4.078 min
Delta R.T.: -0.005 min
Response: 2843755
Conc: 0.11 ng/ml



#5 Aldrin

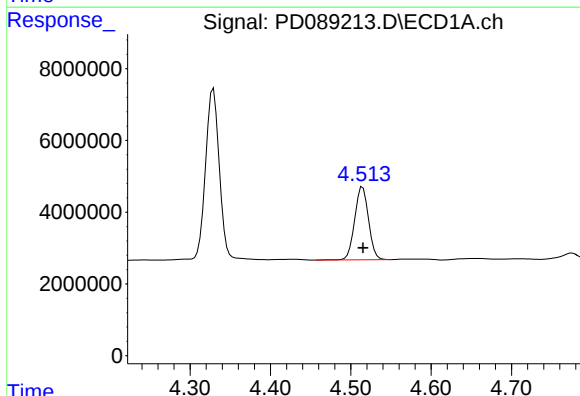
R.T.: 5.255 min
Delta R.T.: -0.016 min
Response: 891193
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



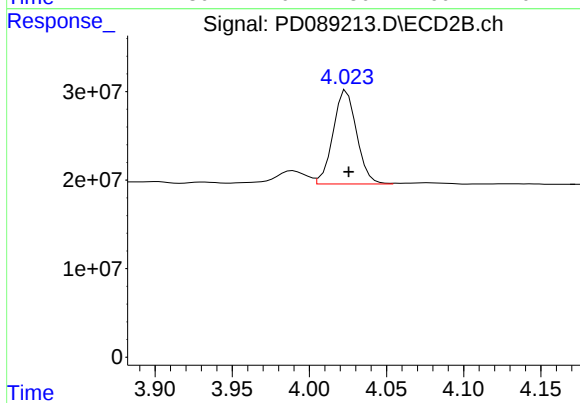
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 1612910
Conc: 0.07 ng/ml



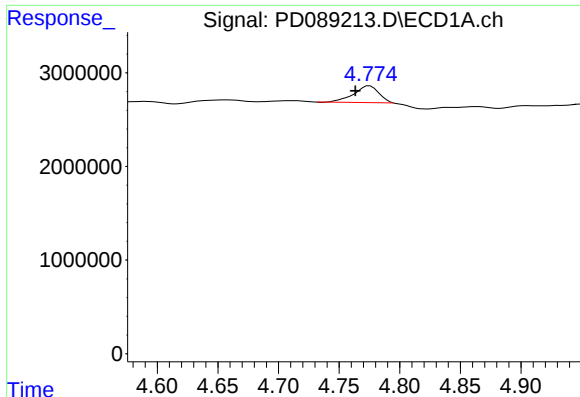
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 24376752
Conc: 11.04 ng/ml



#6 beta-BHC

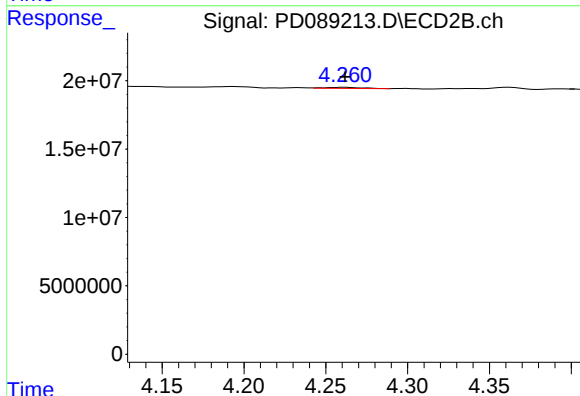
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 112639041
Conc: 10.48 ng/ml



#7 delta-BHC

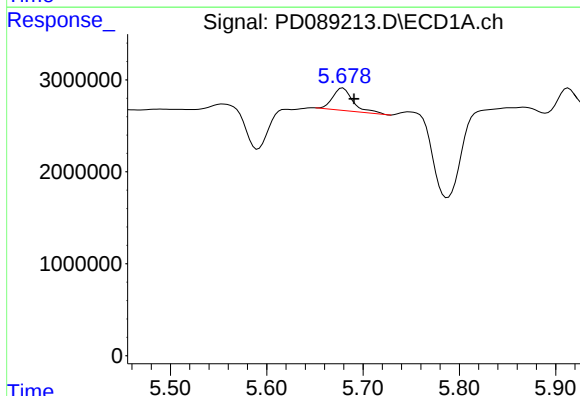
R.T.: 4.775 min
Delta R.T.: 0.012 min
Response: 2587723
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



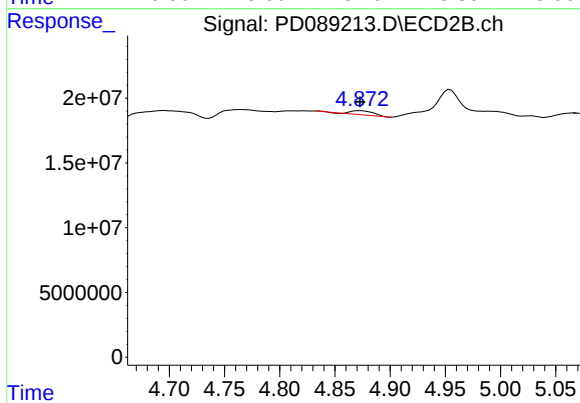
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1338676
Conc: 0.05 ng/ml



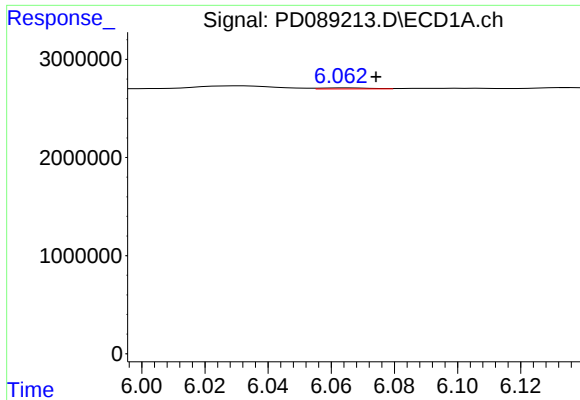
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.012 min
Response: 3630954
Conc: 0.75 ng/ml



#8 Heptachlor epoxide

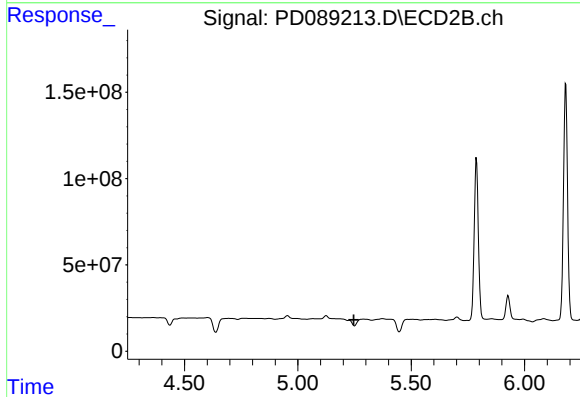
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 4406162
Conc: 0.20 ng/ml



#9 Endosulfan I

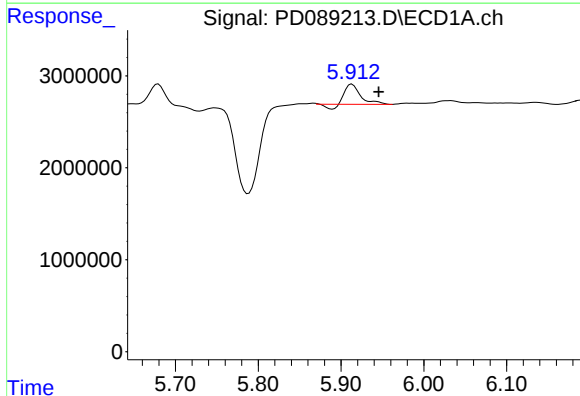
R.T.: 6.065 min
Delta R.T.: -0.010 min
Response: 121027
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



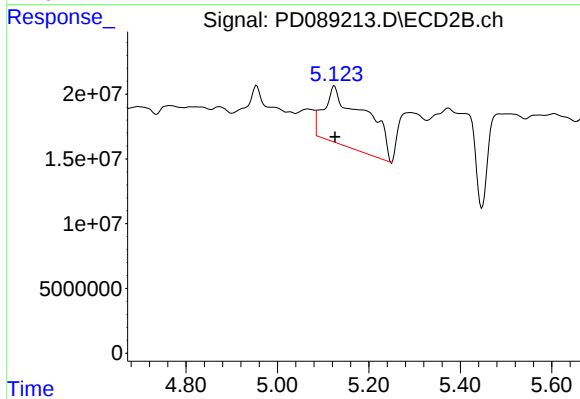
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.247 min
Response: 0
Conc: N.D.



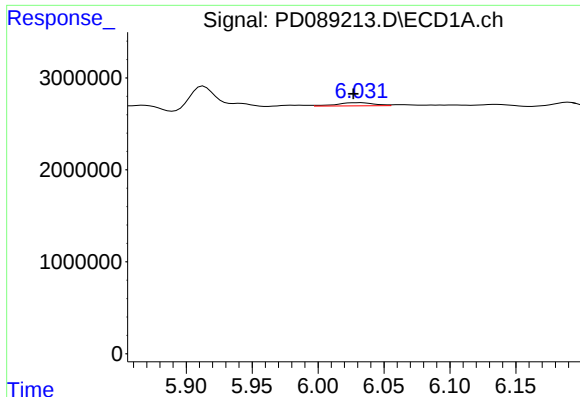
#10 gamma-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.032 min
Response: 2570654
Conc: 0.54 ng/ml



#10 gamma-Chlordane

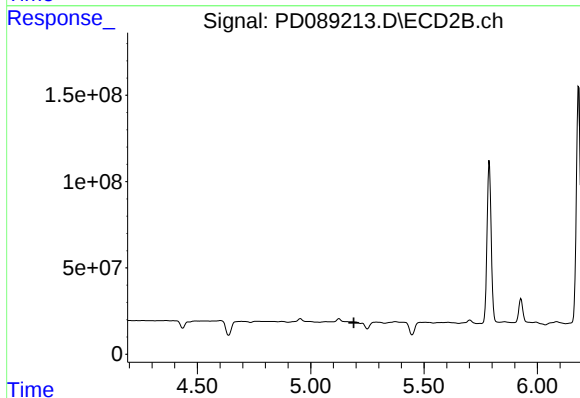
R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 282022567
Conc: 11.79 ng/ml



#11 alpha-Chlordane

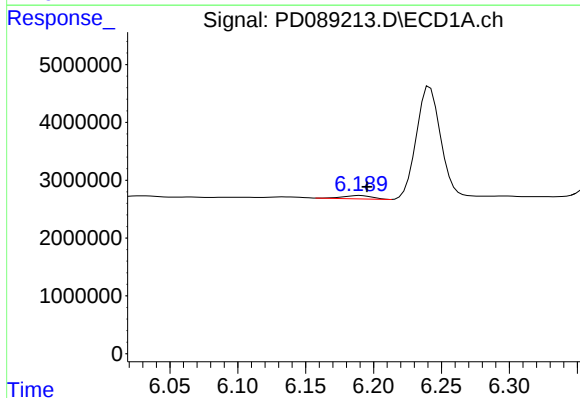
R.T.: 6.031 min
Delta R.T.: 0.005 min
Response: 696817
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



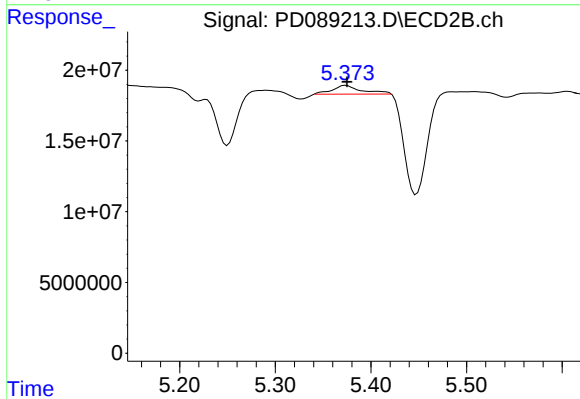
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.191 min
Response: 0
Conc: N.D.



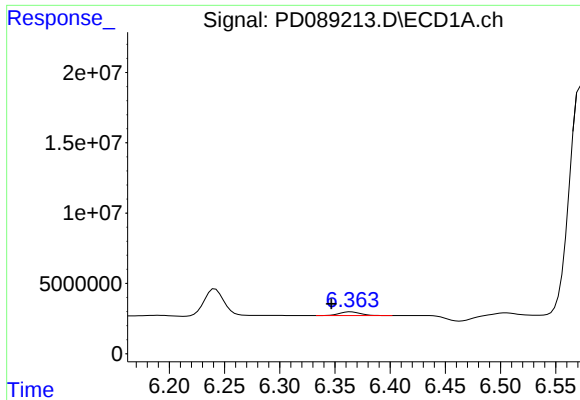
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.005 min
Response: 851080
Conc: 0.20 ng/ml



#12 4,4'-DDE

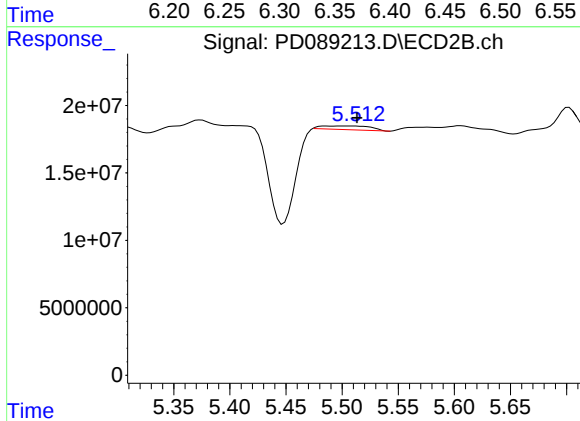
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 13295434
Conc: 0.58 ng/ml



#13 Dieldrin

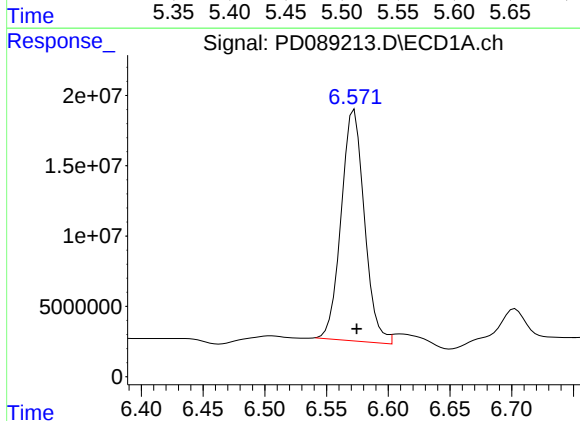
R.T.: 6.365 min
Delta R.T.: 0.018 min
Response: 3537253
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



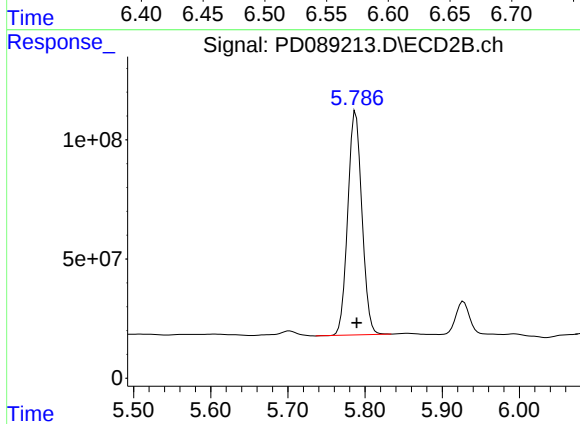
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: -0.005 min
Response: 8415756
Conc: 0.36 ng/ml



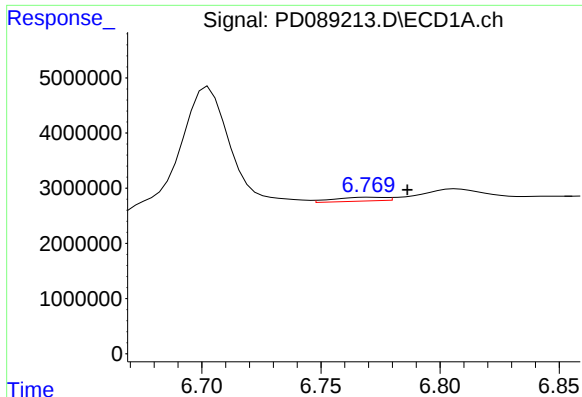
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 215172451
Conc: 52.16 ng/ml



#14 Endrin

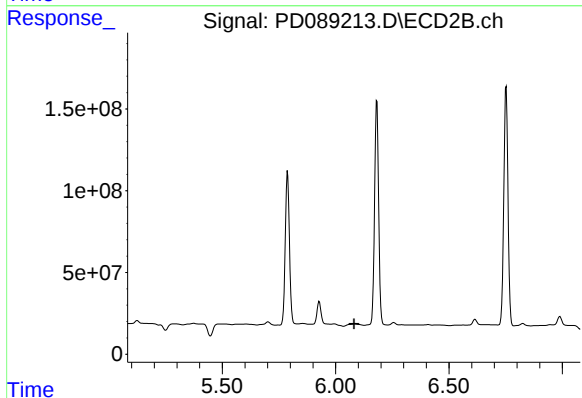
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1188537916
Conc: 54.74 ng/ml



#15 Endosulfan II

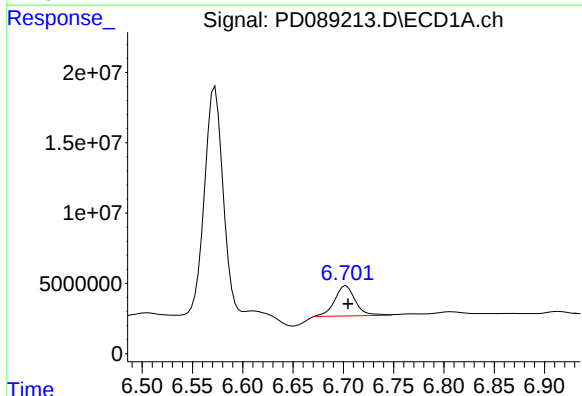
R.T.: 6.771 min
Delta R.T.: -0.015 min
Response: 1040999
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



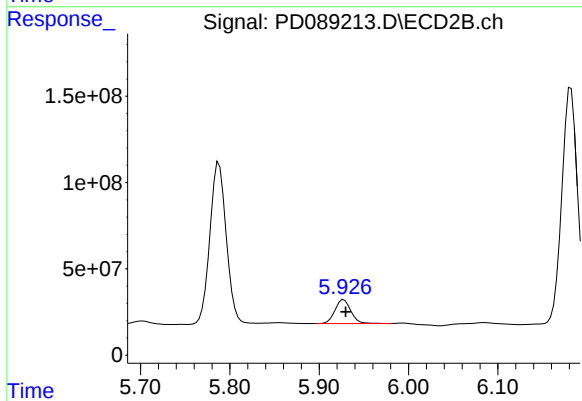
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: -1989572
Conc: N.D.



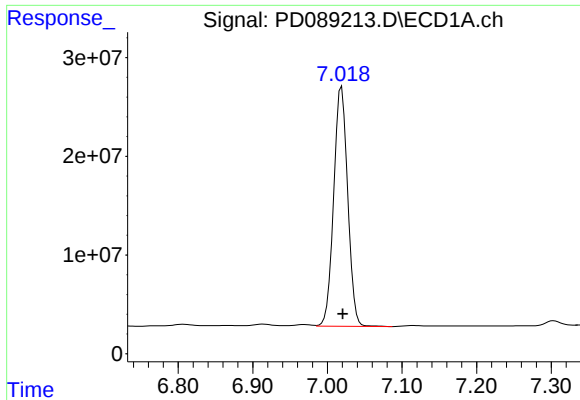
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 30542130
Conc: 8.90 ng/ml



#16 4,4'-DDD

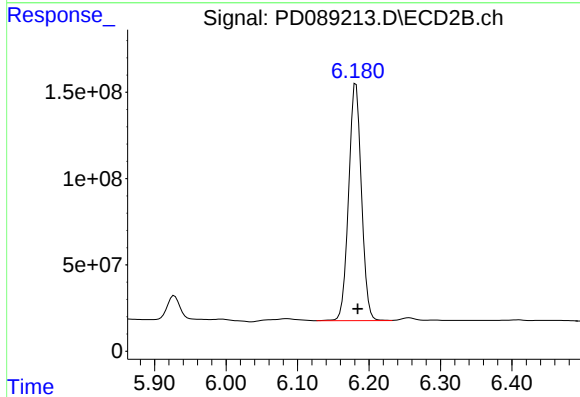
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 170916443
Conc: 8.93 ng/ml



#17 4,4'-DDT

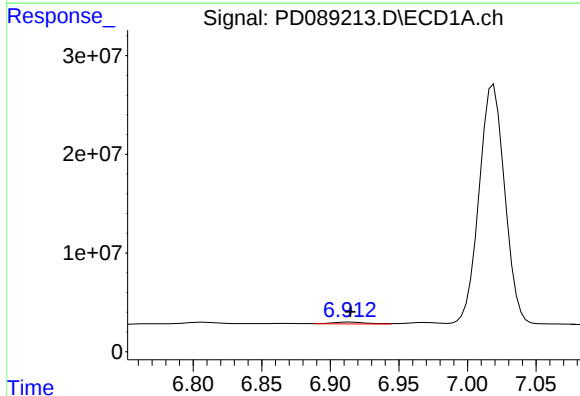
R.T.: 7.019 min
Delta R.T.: -0.001 min
Response: 317463645
Conc: 83.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



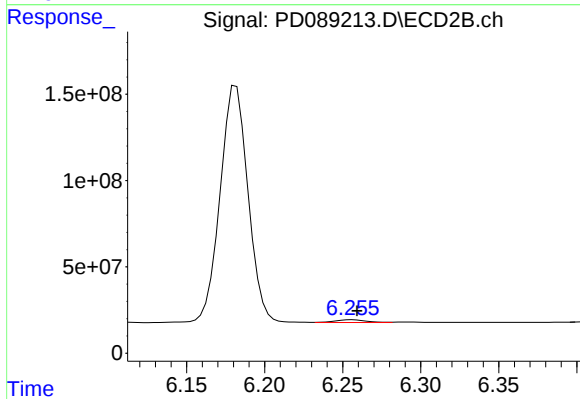
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1713624362
Conc: 84.50 ng/ml



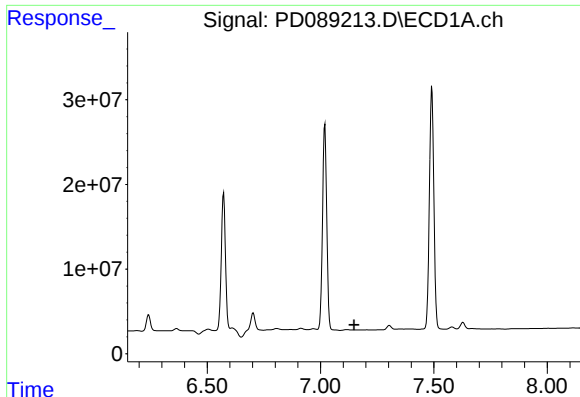
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 3083231
Conc: 1.01 ng/ml



#18 Endrin aldehyde

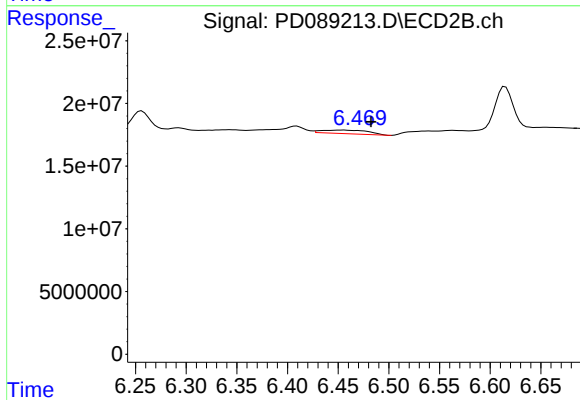
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 21761770
Conc: 1.42 ng/ml



#19 Endosulfan Sulfate

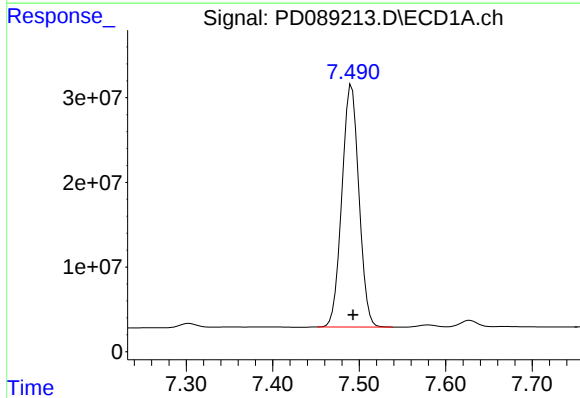
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



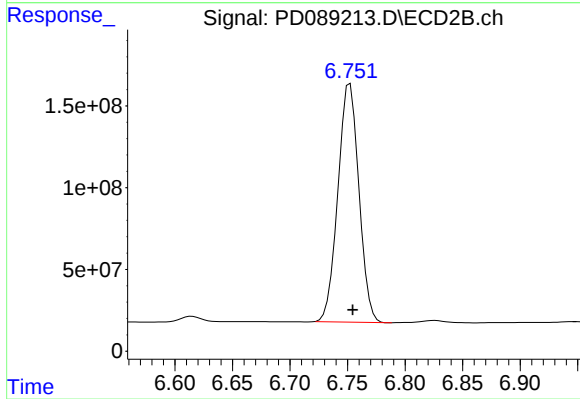
#19 Endosulfan Sulfate

R.T.: 6.455 min
Delta R.T.: -0.028 min
Response: 9023568
Conc: 0.46 ng/ml



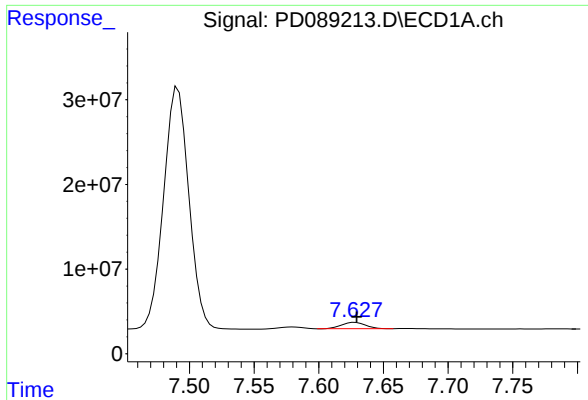
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.001 min
Response: 388811660
Conc: 192.42 ng/ml



#20 Methoxychlor

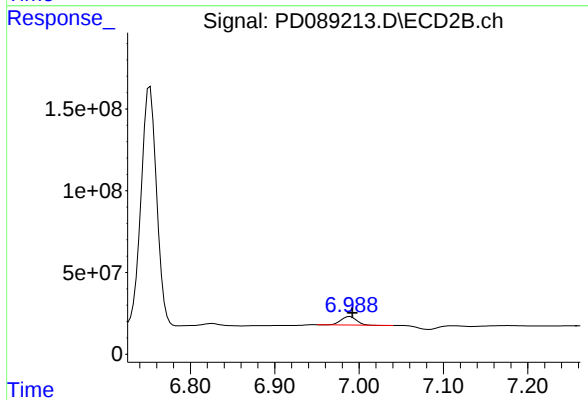
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 1856024589
Conc: 172.36 ng/ml



#21 Endrin ketone

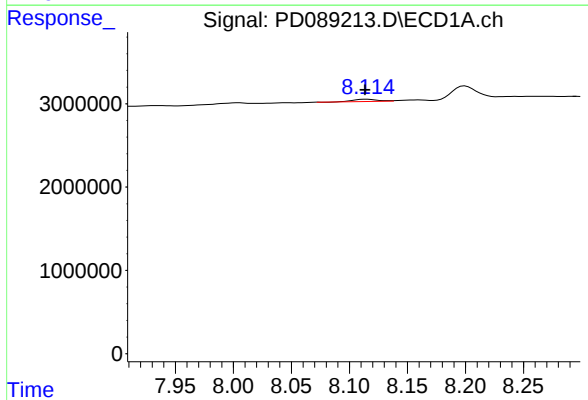
R.T.: 7.628 min
Delta R.T.: -0.001 min
Response: 9800168
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



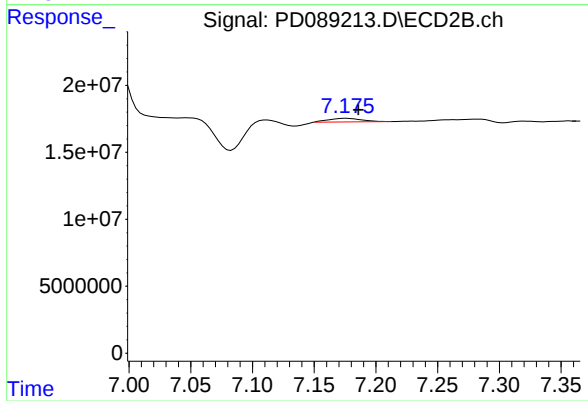
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 66411803
Conc: 3.07 ng/ml



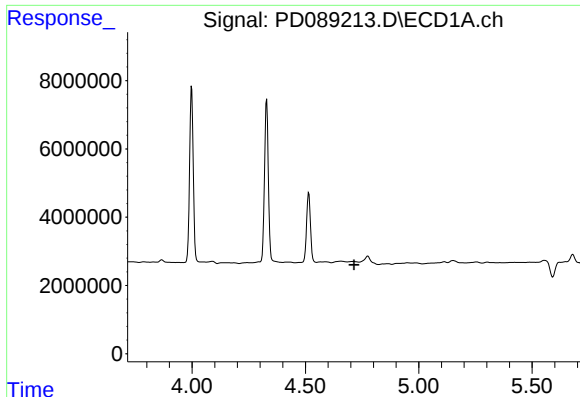
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.002 min
Response: 368248
Conc: 0.12 ng/ml



#22 Mirex

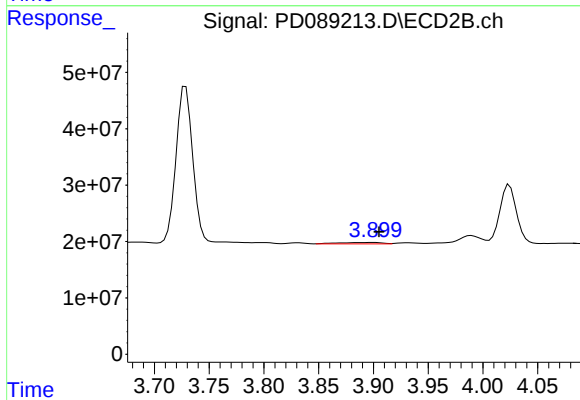
R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 4937783
Conc: 0.30 ng/ml



#23 Chlordane-1

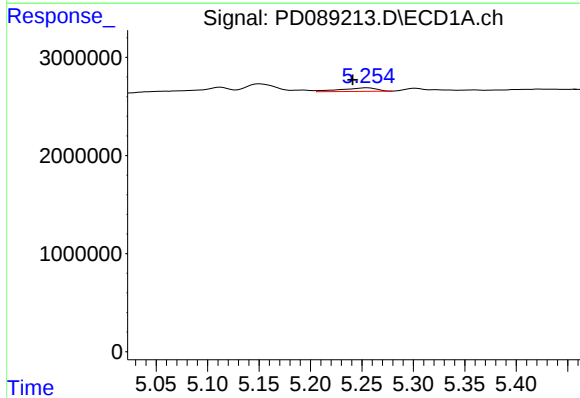
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



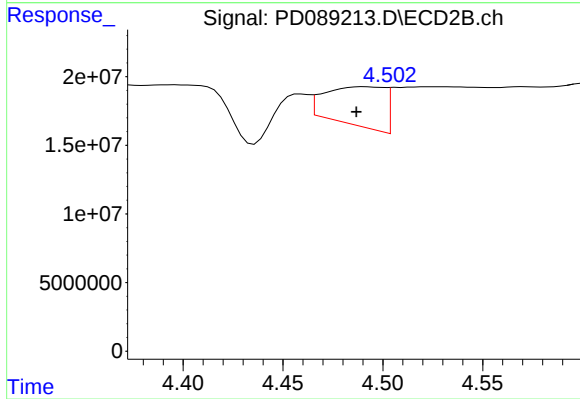
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 6711474
Conc: 7.20 ng/ml



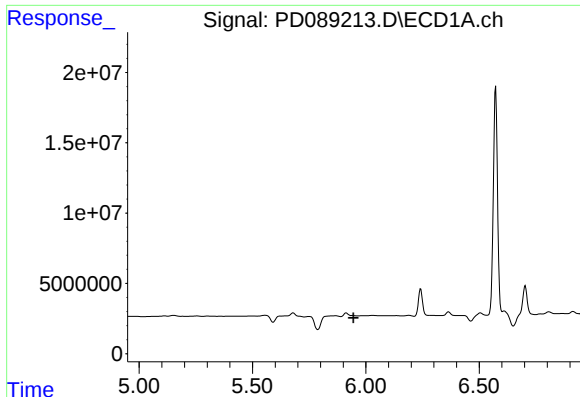
#24 Chlordane-2

R.T.: 5.255 min
Delta R.T.: 0.014 min
Response: 891193
Conc: 4.08 ng/ml



#24 Chlordane-2

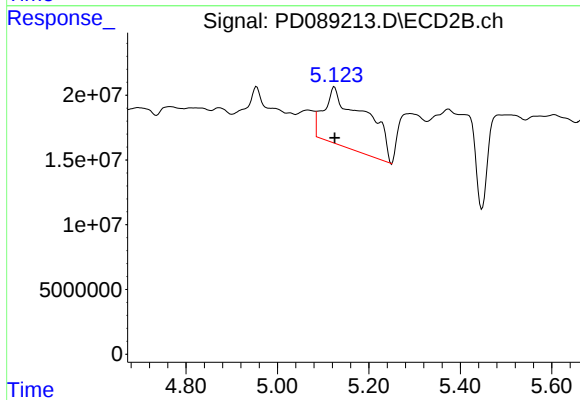
R.T.: 4.491 min
Delta R.T.: 0.004 min
Response: 58517426
Conc: 61.49 ng/ml



#25 Chlordane-3

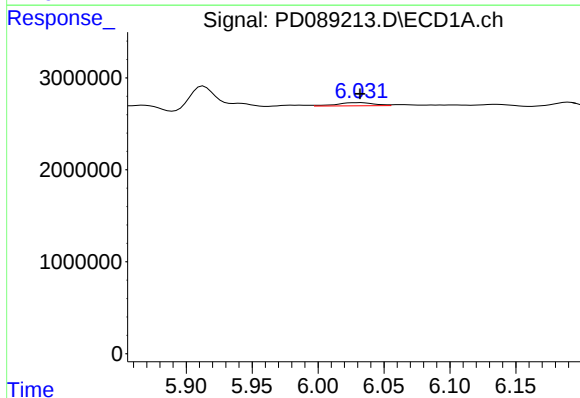
R.T.: 0.000 min
Exp R.T.: 5.946 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



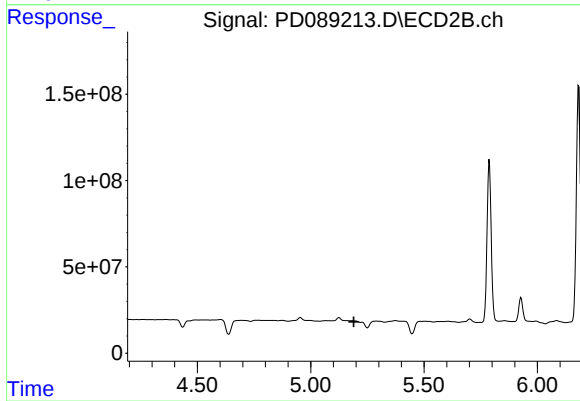
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 282022567
Conc: 94.95 ng/ml



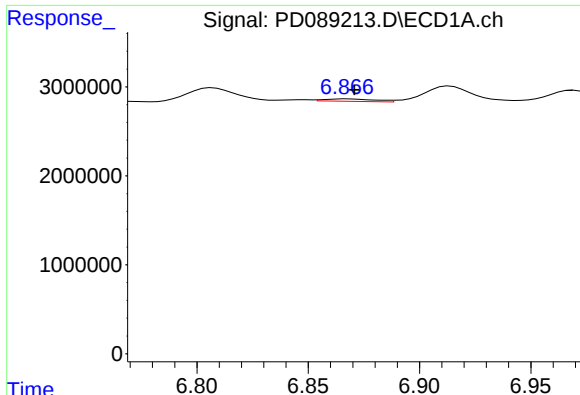
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 696817
Conc: 0.66 ng/ml



#26 Chlordane-4

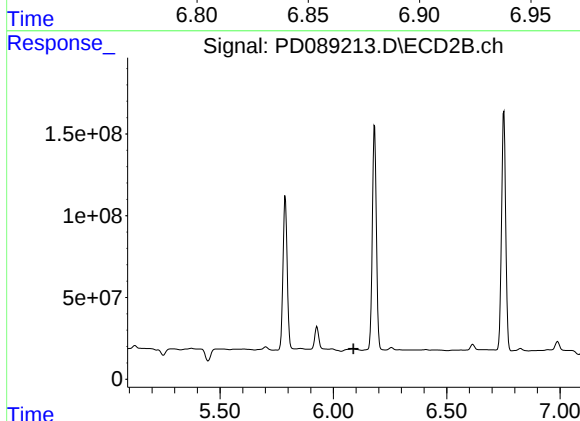
R.T.: 0.000 min
Exp R.T.: 5.190 min
Response: 0
Conc: N.D.



#27 Chlordane-5

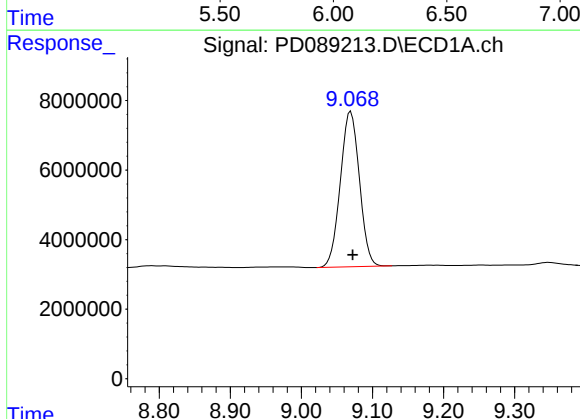
R.T.: 6.868 min
Delta R.T.: -0.003 min
Response: 422187
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



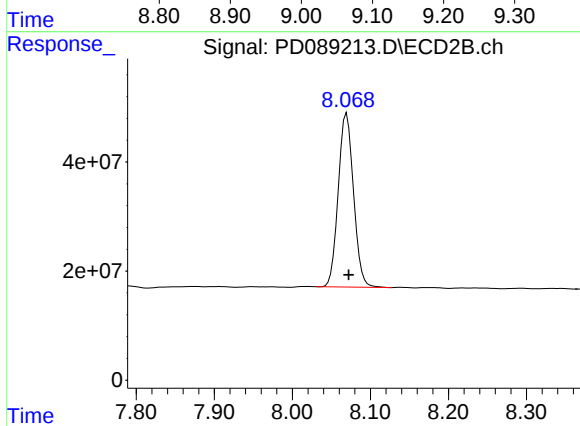
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: -1989572
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 83404360
Conc: 21.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.003 min
Response: 433722196
Conc: 21.94 ng/ml