

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
 Data File : PD090613.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 17:41
 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: Oct 16 09:36:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.546	2.876	51714629	444.7E6	15.910	16.200
28)	SA Decachlor...	9.067	8.063	73243977	414.8E6	15.180	12.797
Target Compounds							
2)	A alpha-BHC	3.995	3.387	47765692	367.4E6	6.839	8.391
3)	MA gamma-BHC...	4.325	3.724	47121739	340.4E6	7.121	8.357
4)	MA Heptachlor	0.000	4.079	0	2002335	N.D.	0.049 #
5)	MB Aldrin	5.262	4.357	144065	3599496	0.023	0.090 #
6)	B beta-BHC	4.513	4.019	20178003	145.6E6	7.821	8.400
7)	B delta-BHC	4.772	4.256	998350	2107356	0.155	0.051 #
8)	B Heptachlo...	5.674	4.874	407199	3163843	0.071	0.086
9)	A Endosulfan I	0.000	5.218f	0	8221484	N.D.	0.238 #
10)	B gamma-Chl...	5.910f	5.119	1036941	29503224	0.182	0.751 #
11)	B alpha-Chl...	5.995f	5.187	853515	16729005	0.148	0.444 #
12)	B 4,4'-DDE	6.191	5.368	812176	14634020	0.156	0.382 #
13)	MA Dieldrin	6.363f	5.504	1081295	3425455	0.188	0.088 #
14)	MA Endrin	6.569	5.781	181.1E6	1418.5E6	37.002	39.587
15)	B Endosulfa...	6.767	6.078	3216793	7502817	0.659	0.222 #
16)	A 4,4'-DDD	6.701	5.922	14142932	59358406	3.451	1.830 #
17)	MA 4,4'-DDT	7.016	6.175	279.0E6	2200.5E6	62.671	64.006
18)	B Endrin al...	6.916	6.248	4787619	13124163	1.396	0.557 #
19)	B Endosulfa...	7.147	6.481	202069	1061889	0.044	0.032 #
20)	A Methoxychlor	7.489	6.745	343.7E6	2351.9E6	145.871	135.166
21)	B Endrin ke...	7.627	6.982	4702257	18493420	0.950	0.512 #
22)	Mirex	8.117	7.171	2890106	9549018	0.780	0.346 #
23)	Chlordane-1	0.000	3.894	0	458333	N.D.	0.381 #
24)	Chlordane-2	5.262f	4.485	144065	18232633	0.671	14.581 #
25)	Chlordane-3	0.000	5.119	0	29503224	N.D.	7.783 #
26)	Chlordane-4	0.000	5.187	0	16729005	N.D.	5.138 #
27)	Chlordane-5	6.848	6.078	1130038	7502817	6.347	4.944

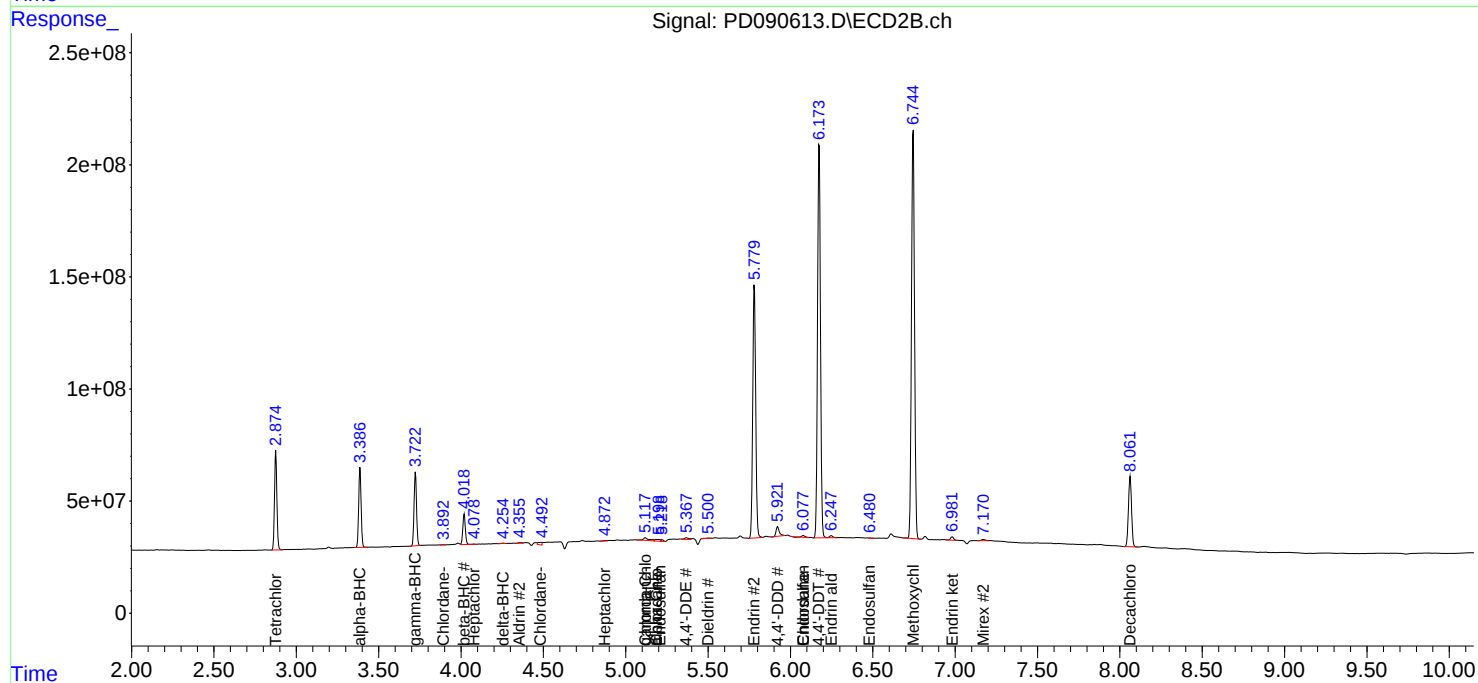
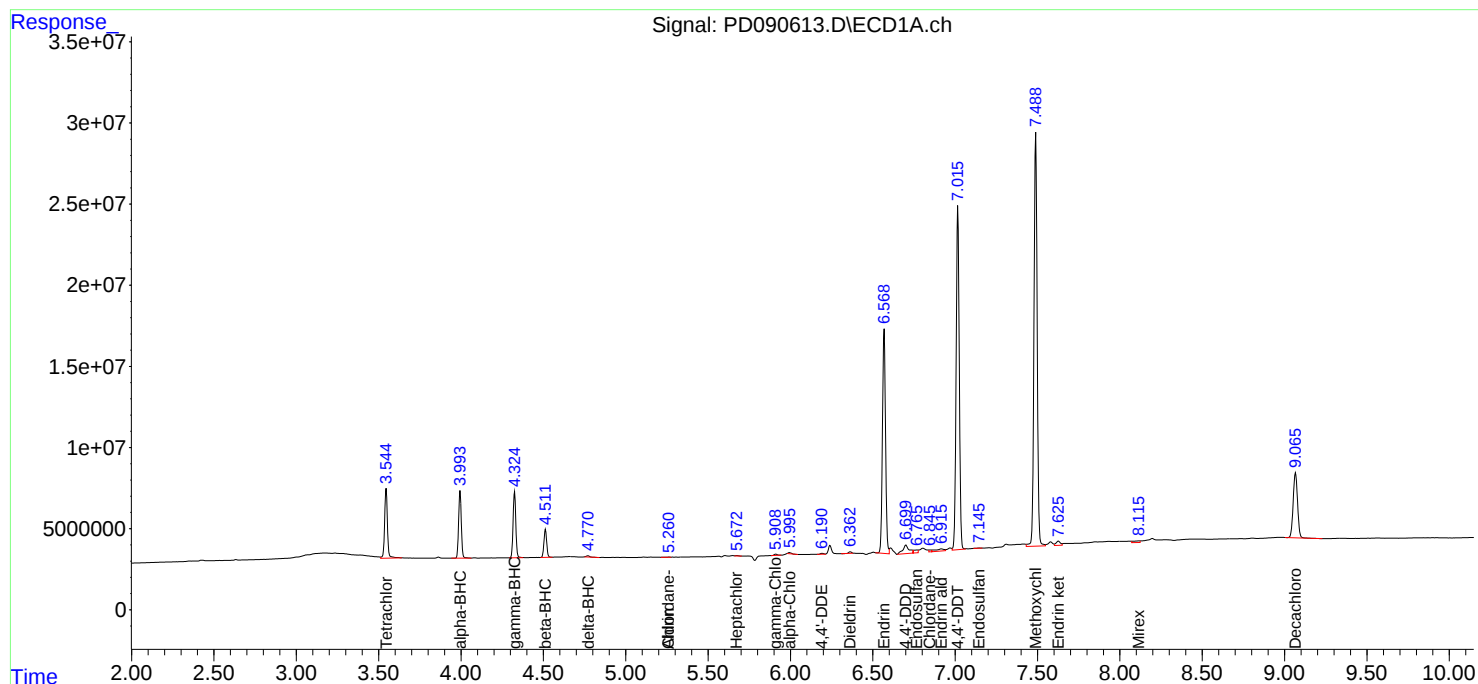
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

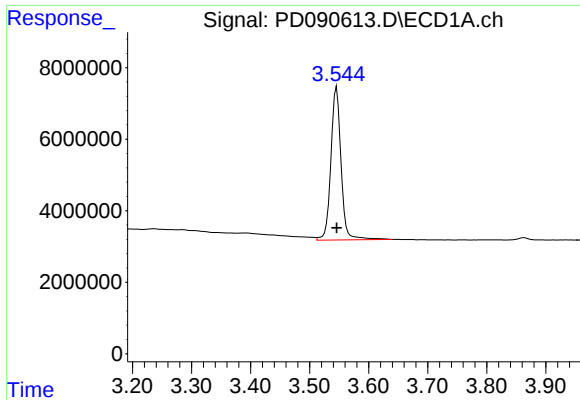
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
Data File : PD090613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2025 17:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 09:36:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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

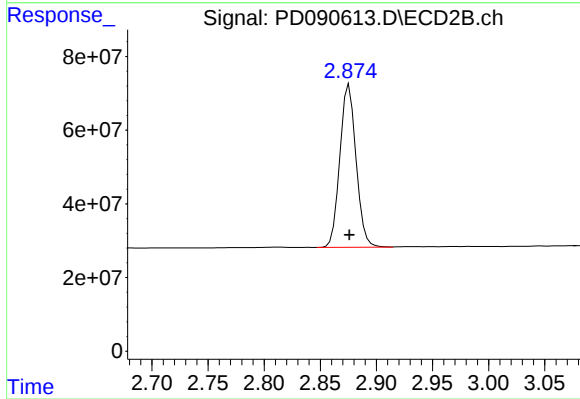




#1 Tetrachloro-m-xylene

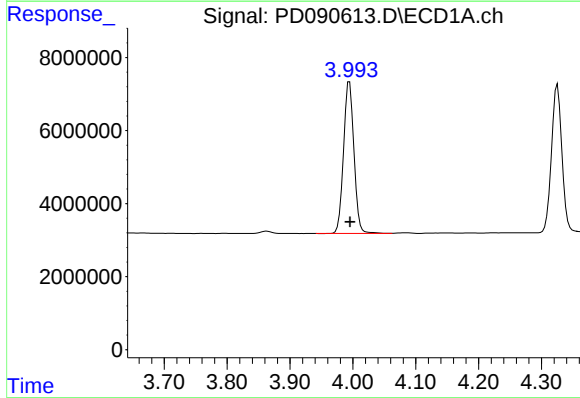
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 51714629
Conc: 15.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



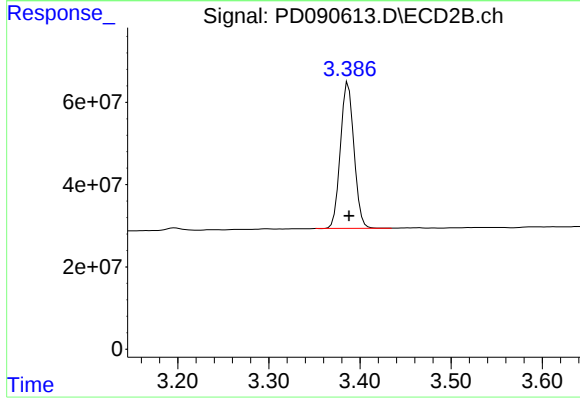
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 444702717
Conc: 16.20 ng/ml



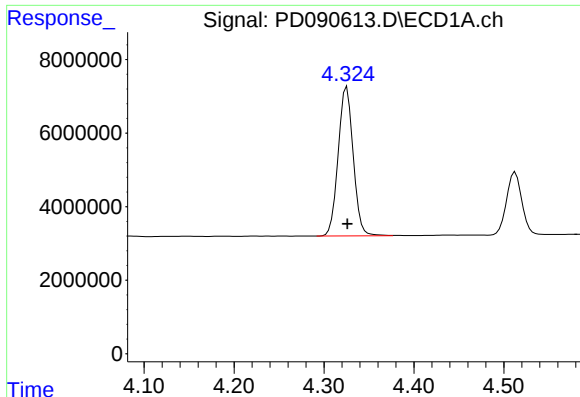
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 47765692
Conc: 6.84 ng/ml



#2 alpha-BHC

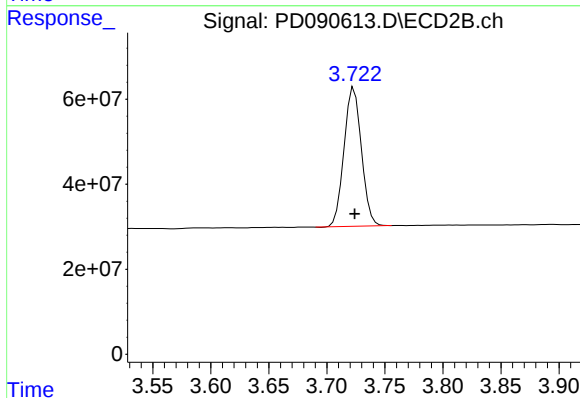
R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 367379048
Conc: 8.39 ng/ml



#3 gamma-BHC (Lindane)

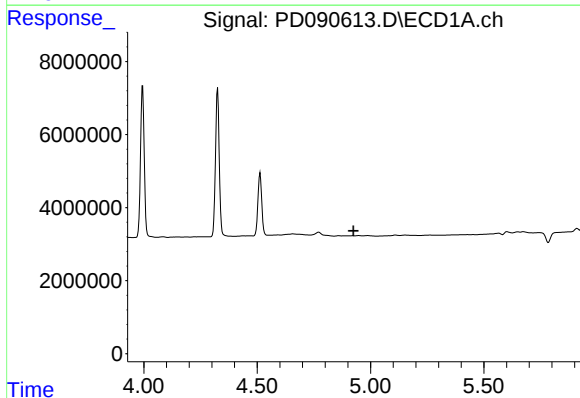
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 47121739
Conc: 7.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



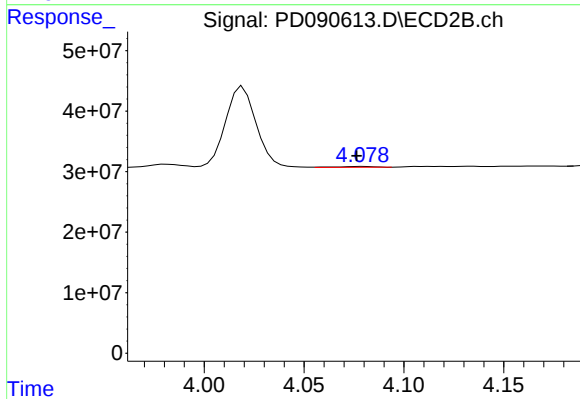
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 340417984
Conc: 8.36 ng/ml



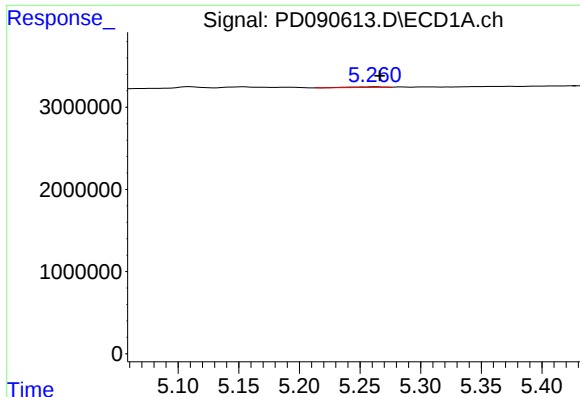
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



#4 Heptachlor

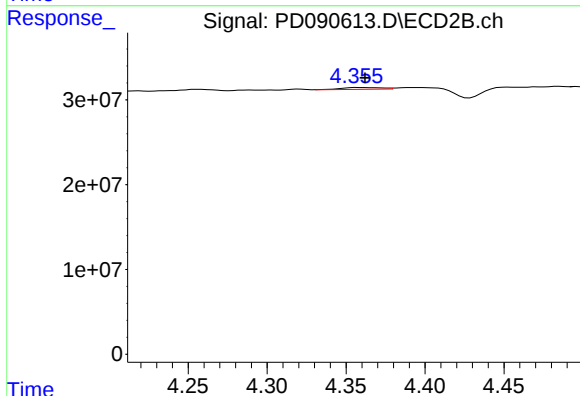
R.T.: 4.079 min
Delta R.T.: 0.003 min
Response: 2002335
Conc: 0.05 ng/ml



#5 Aldrin

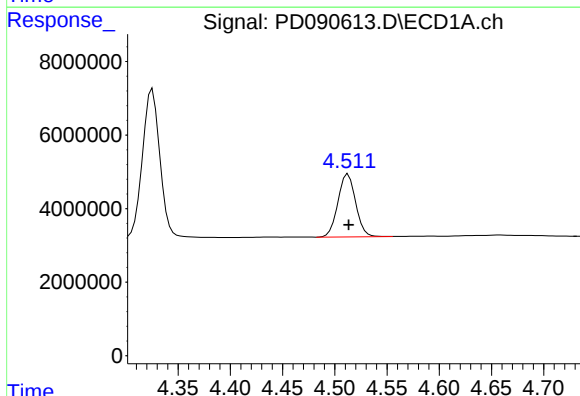
R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 144065
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



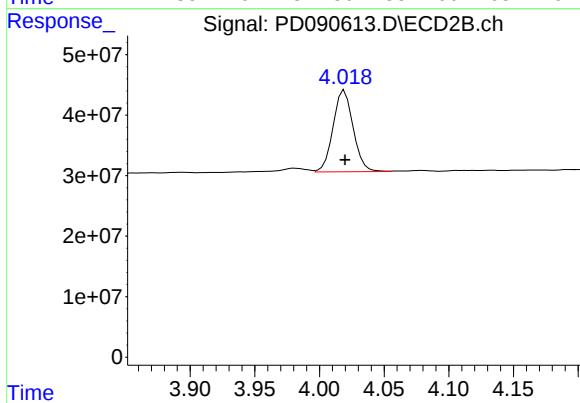
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 3599496
Conc: 0.09 ng/ml



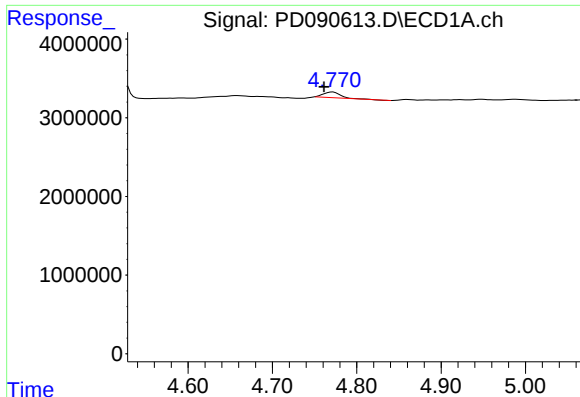
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 20178003
Conc: 7.82 ng/ml



#6 beta-BHC

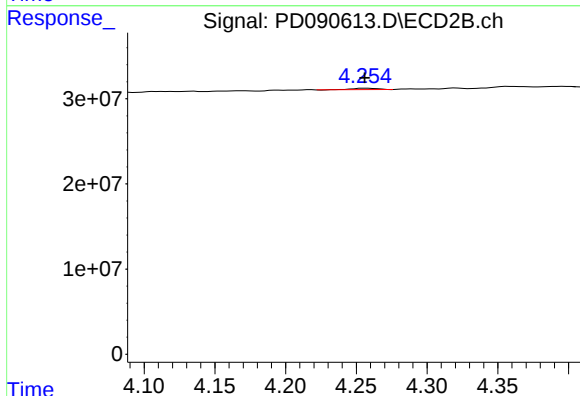
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 145623707
Conc: 8.40 ng/ml



#7 delta-BHC

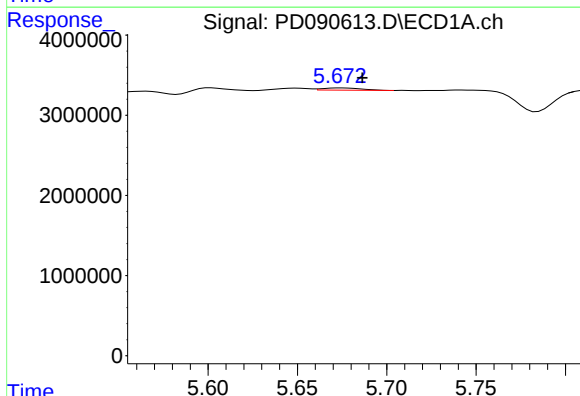
R.T.: 4.772 min
Delta R.T.: 0.011 min
Response: 998350
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



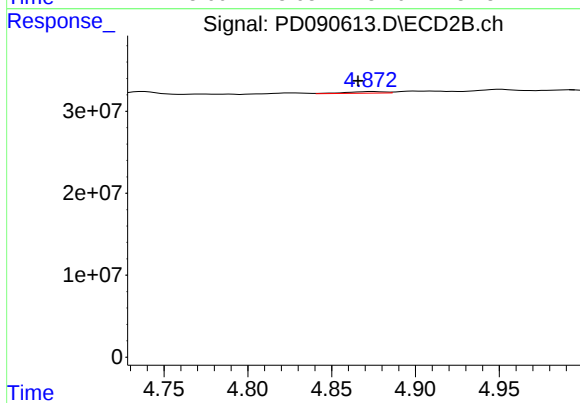
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 2107356
Conc: 0.05 ng/ml



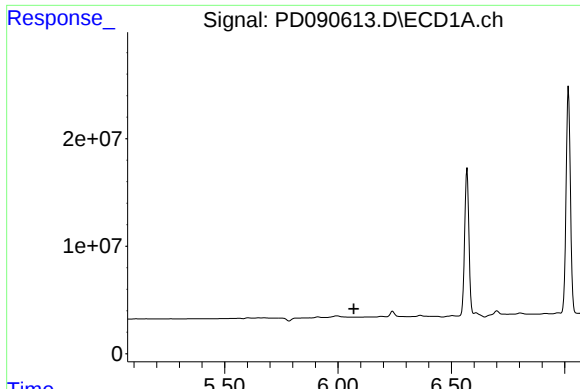
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.013 min
Response: 407199
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

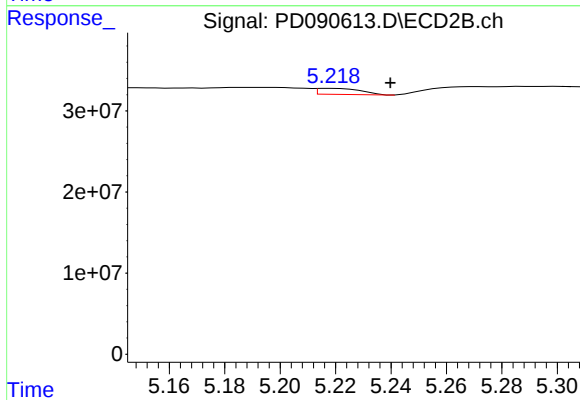
R.T.: 4.874 min
Delta R.T.: 0.008 min
Response: 3163843
Conc: 0.09 ng/ml



#9 Endosulfan I

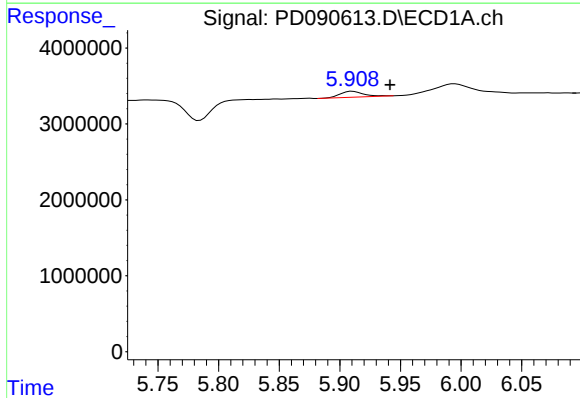
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



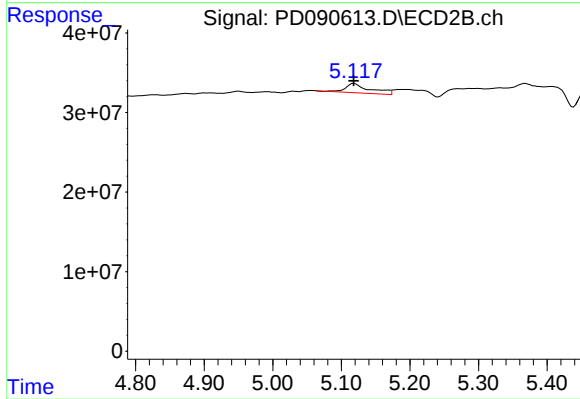
#9 Endosulfan I

R.T.: 5.218 min
Delta R.T.: -0.022 min
Response: 8221484
Conc: 0.24 ng/ml



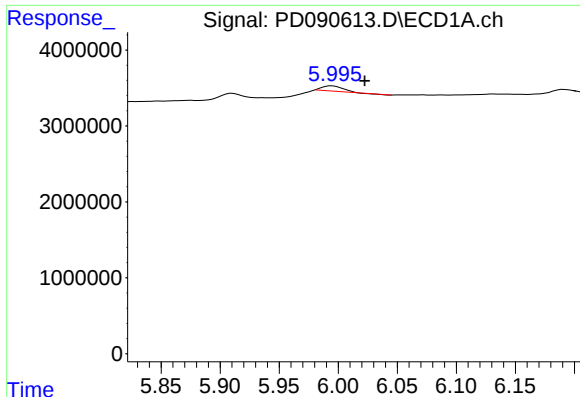
#10 gamma-Chlordane

R.T.: 5.910 min
Delta R.T.: -0.031 min
Response: 1036941
Conc: 0.18 ng/ml



#10 gamma-Chlordane

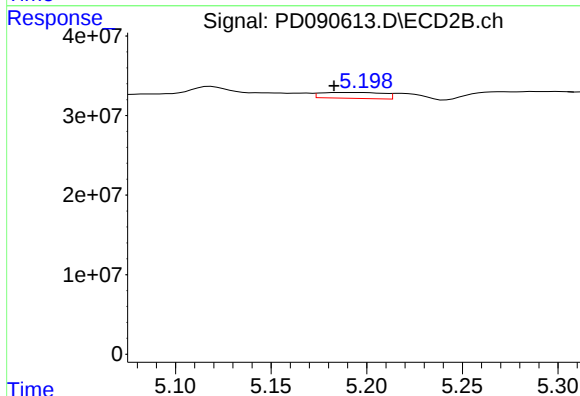
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 29503224
Conc: 0.75 ng/ml



#11 alpha-Chlordane

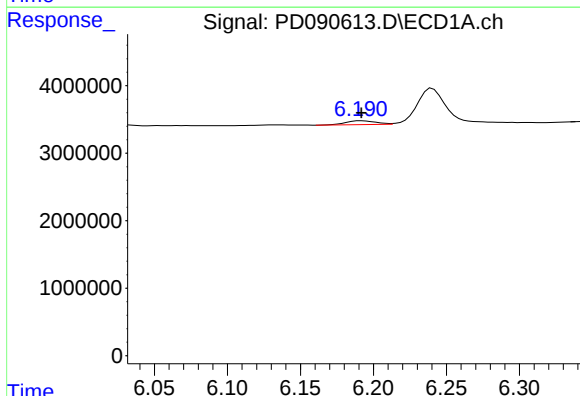
R.T.: 5.995 min
Delta R.T.: -0.028 min
Response: 853515
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



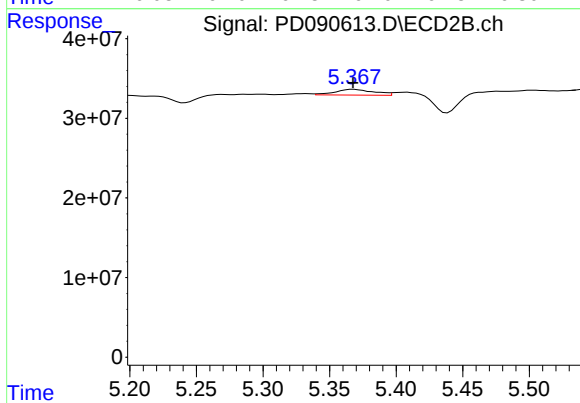
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: 0.004 min
Response: 16729005
Conc: 0.44 ng/ml



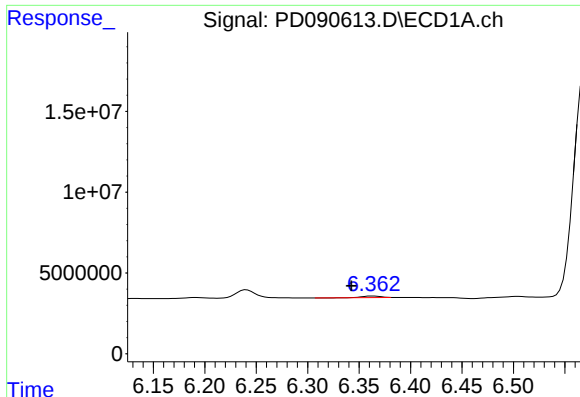
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 812176
Conc: 0.16 ng/ml



#12 4,4'-DDE

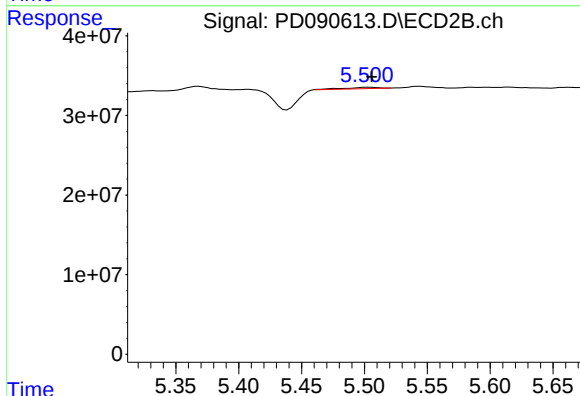
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 14634020
Conc: 0.38 ng/ml



#13 Dieldrin

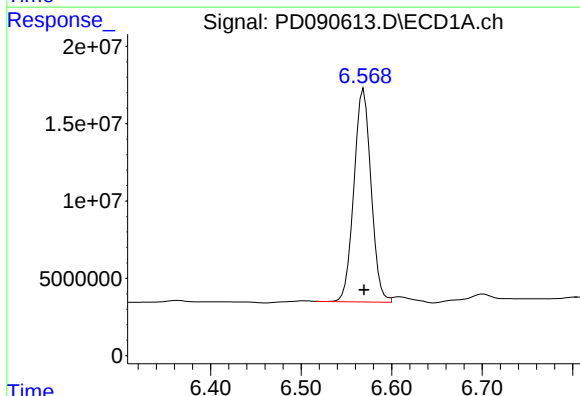
R.T.: 6.363 min
Delta R.T.: 0.021 min
Response: 1081295
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



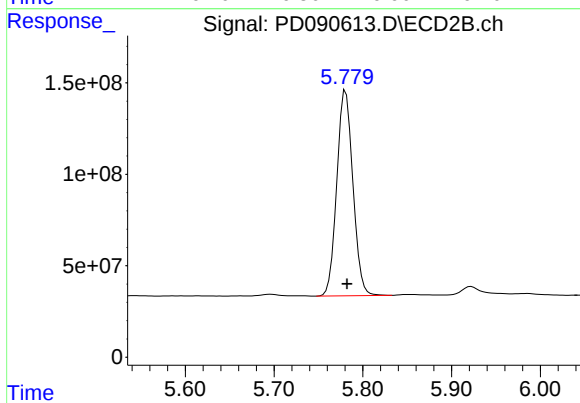
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 3425455
Conc: 0.09 ng/ml



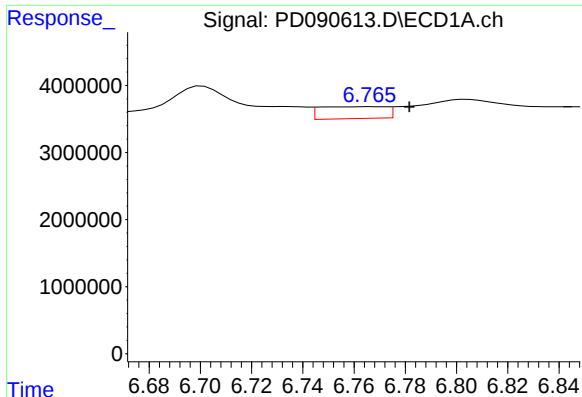
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 181086239
Conc: 37.00 ng/ml



#14 Endrin

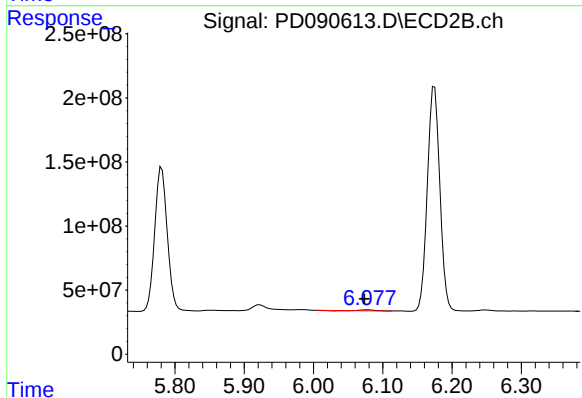
R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1418494513
Conc: 39.59 ng/ml



#15 Endosulfan II

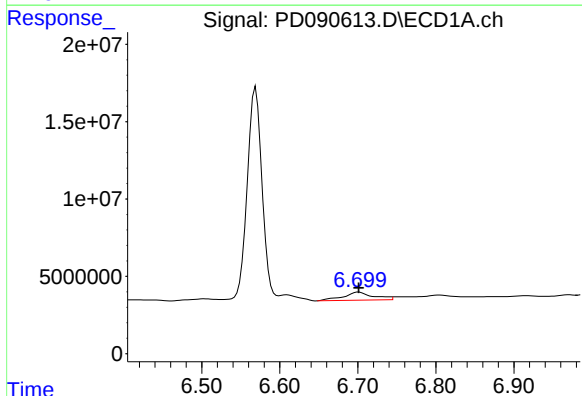
R.T.: 6.767 min
Delta R.T.: -0.014 min
Response: 3216793
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



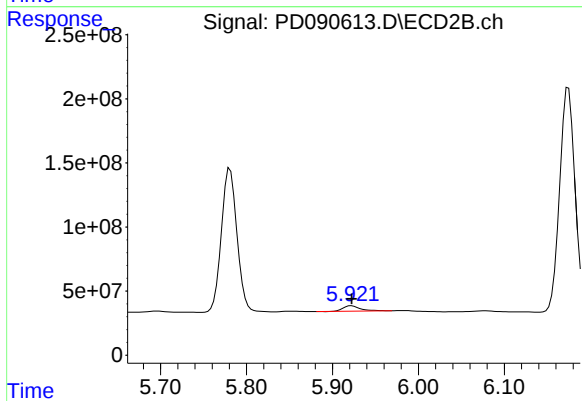
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.005 min
Response: 7502817
Conc: 0.22 ng/ml



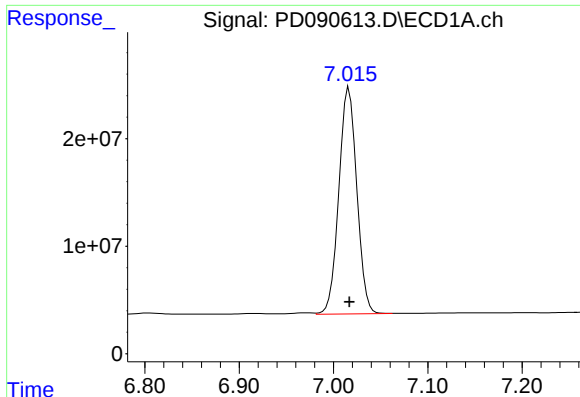
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 14142932
Conc: 3.45 ng/ml



#16 4,4'-DDD

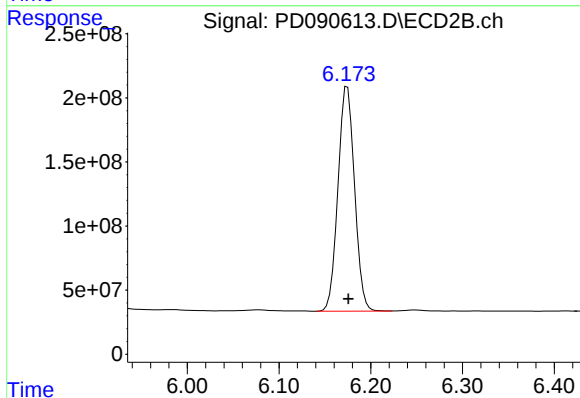
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 59358406
Conc: 1.83 ng/ml



#17 4,4'-DDT

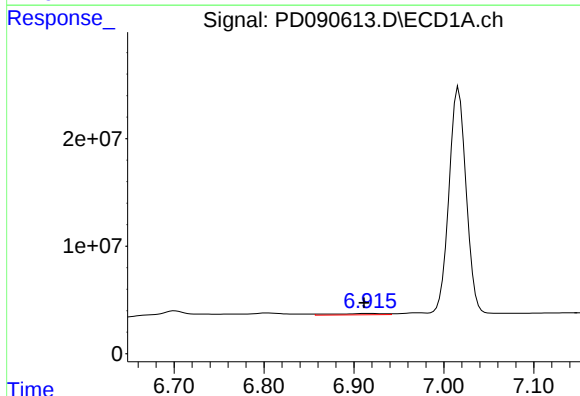
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 279038651
Conc: 62.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



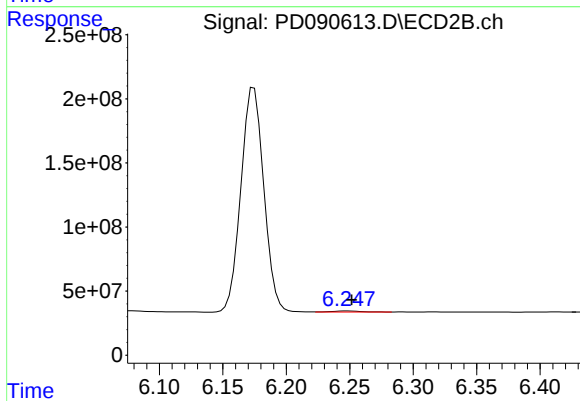
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 2200471953
Conc: 64.01 ng/ml



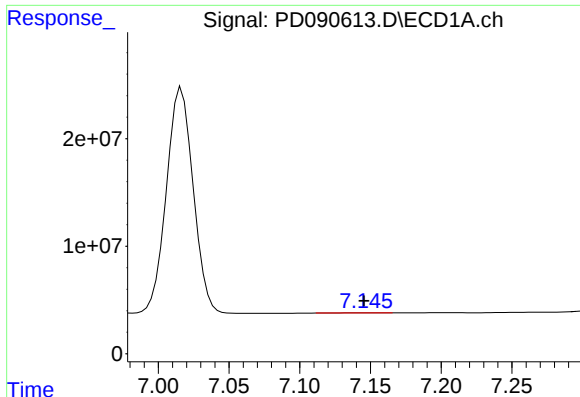
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.005 min
Response: 4787619
Conc: 1.40 ng/ml



#18 Endrin aldehyde

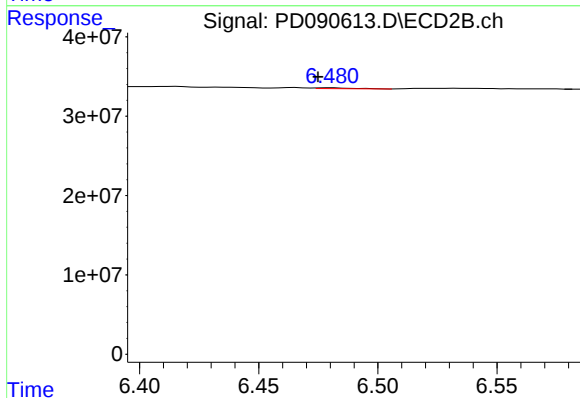
R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 13124163
Conc: 0.56 ng/ml



#19 Endosulfan Sulfate

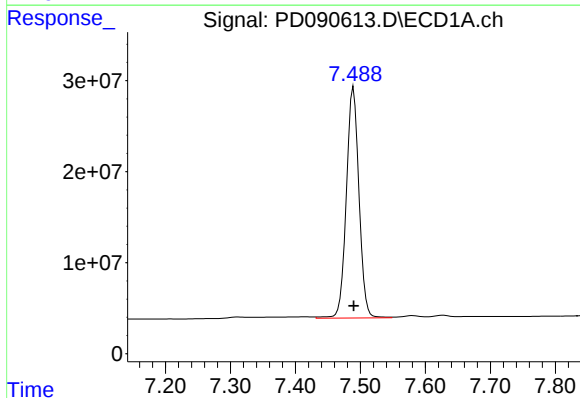
R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 202069
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



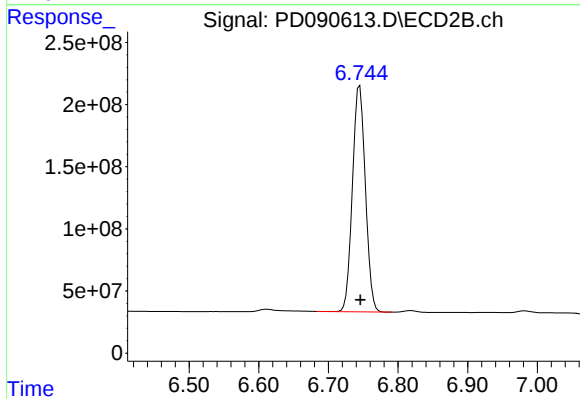
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: 0.006 min
Response: 1061889
Conc: 0.03 ng/ml



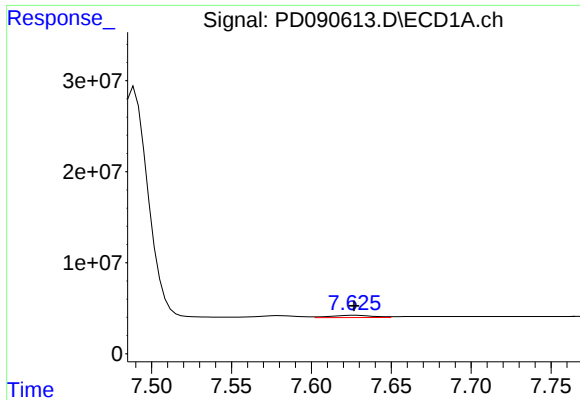
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 343746035
Conc: 145.87 ng/ml



#20 Methoxychlor

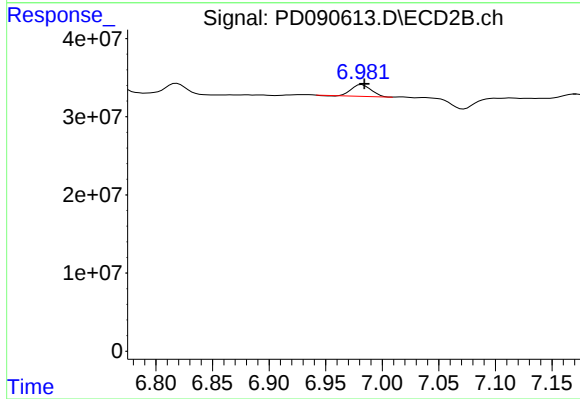
R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 2351940553
Conc: 135.17 ng/ml



#21 Endrin ketone

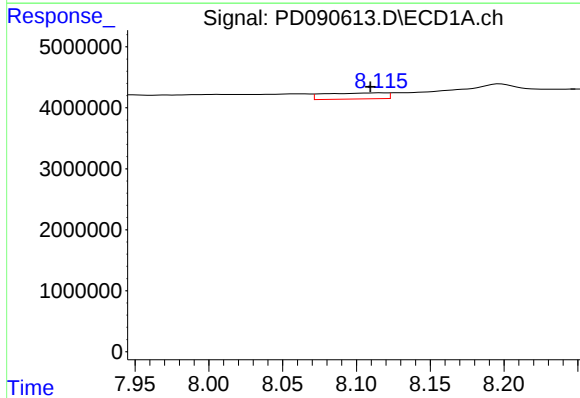
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 4702257
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



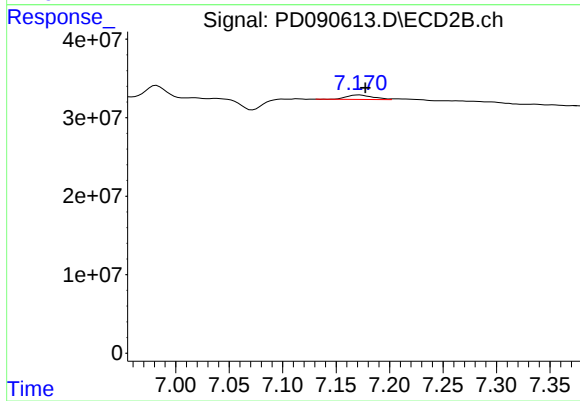
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 18493420
Conc: 0.51 ng/ml



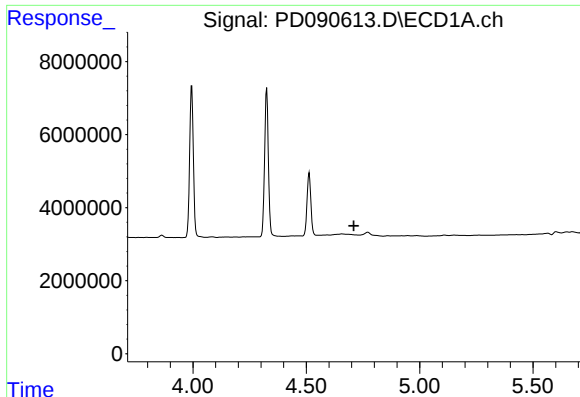
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.008 min
Response: 2890106
Conc: 0.78 ng/ml



#22 Mirex

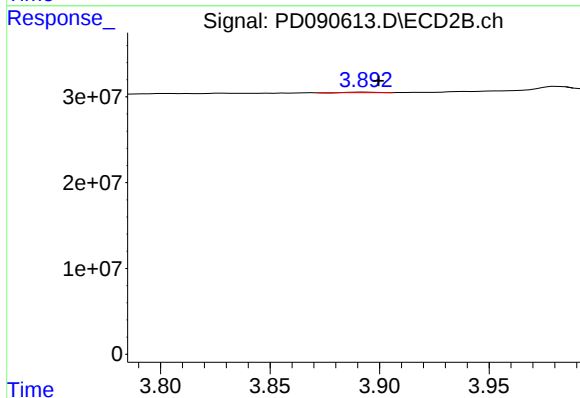
R.T.: 7.171 min
Delta R.T.: -0.006 min
Response: 9549018
Conc: 0.35 ng/ml



#23 Chlordane-1

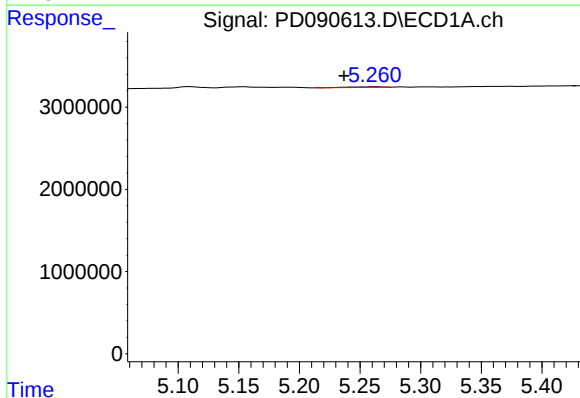
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



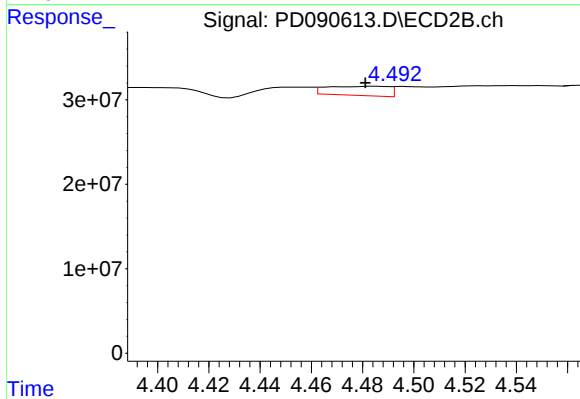
#23 Chlordane-1

R.T.: 3.894 min
Delta R.T.: -0.006 min
Response: 458333
Conc: 0.38 ng/ml



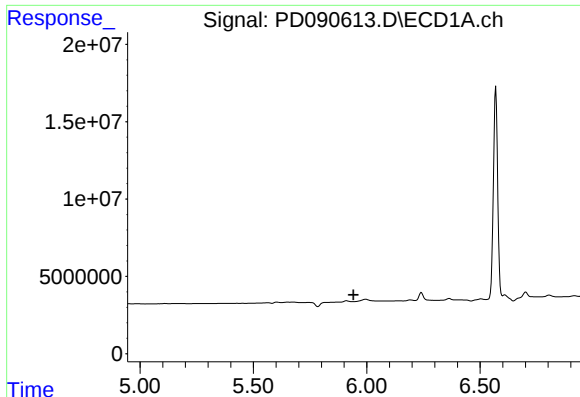
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.025 min
Response: 144065
Conc: 0.67 ng/ml



#24 Chlordane-2

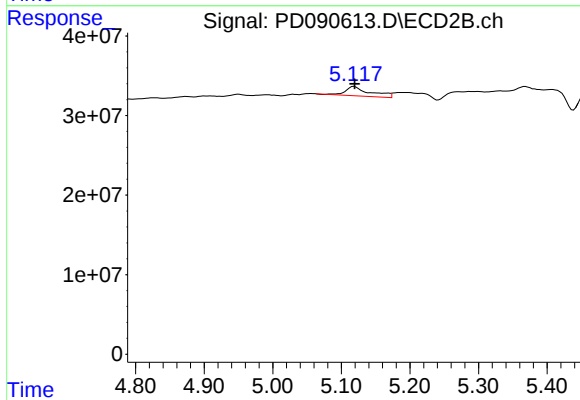
R.T.: 4.485 min
Delta R.T.: 0.004 min
Response: 18232633
Conc: 14.58 ng/ml



#25 Chlordane-3

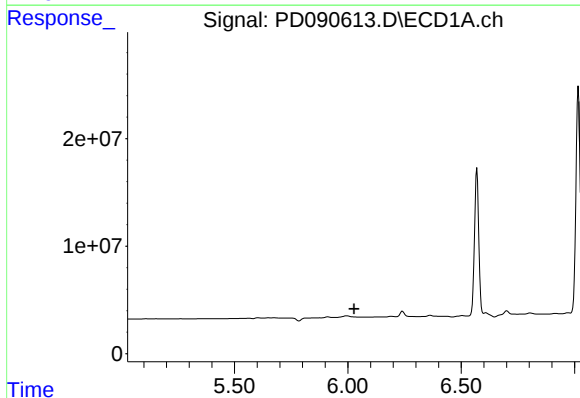
R.T.: 0.000 min
Exp R.T.: 5.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



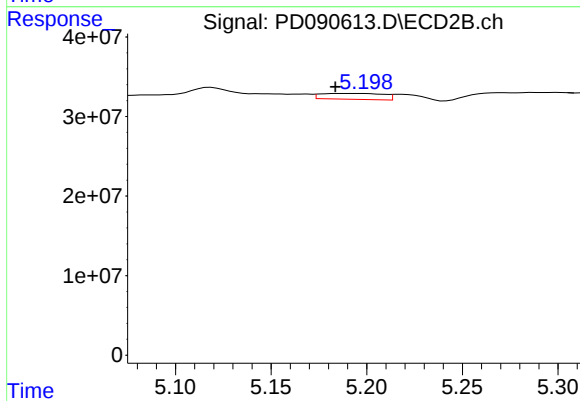
#25 Chlordane-3

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 29503224
Conc: 7.78 ng/ml



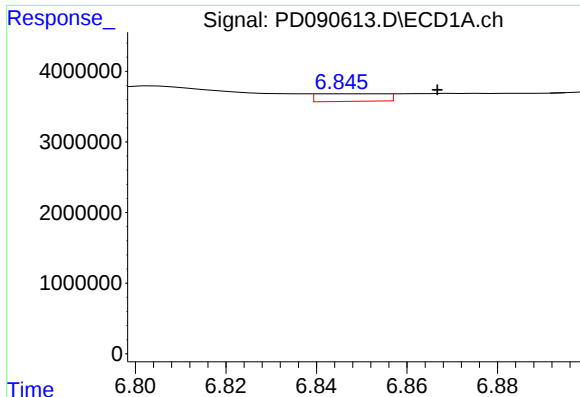
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#26 Chlordane-4

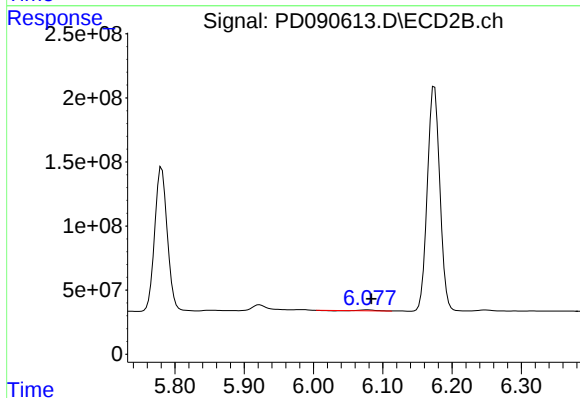
R.T.: 5.187 min
Delta R.T.: 0.003 min
Response: 16729005
Conc: 5.14 ng/ml



#27 Chlordane-5

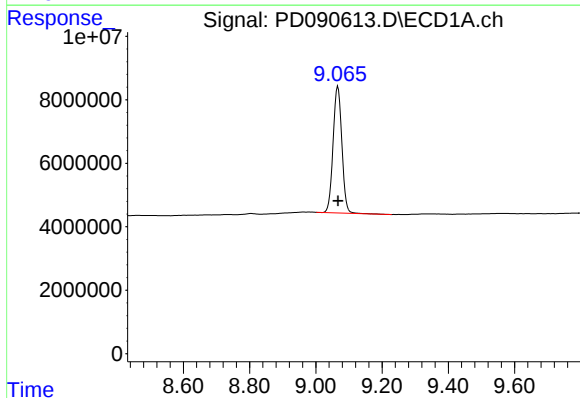
R.T.: 6.848 min
Delta R.T.: -0.019 min
Response: 1130038
Conc: 6.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



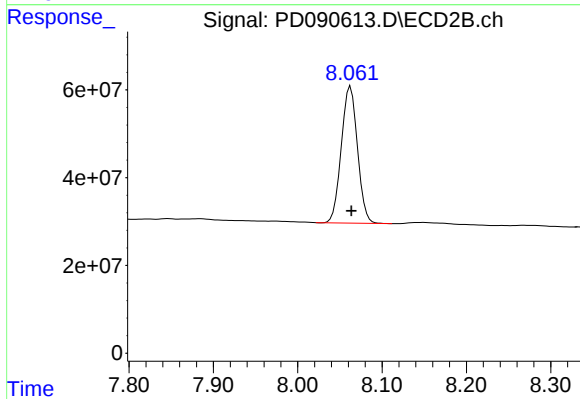
#27 Chlordane-5

R.T.: 6.078 min
Delta R.T.: -0.005 min
Response: 7502817
Conc: 4.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: -0.001 min
Response: 73243977
Conc: 15.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 414803873
Conc: 12.80 ng/ml