

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091525\
 Data File : PD090270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 11:01
 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: Sep 16 07:07:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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	55807924	446.9E6	19.016	20.267
28)	SA Decachlor...	9.065	8.062	84941035	544.7E6	19.681	21.041
Target Compounds							
2)	A alpha-BHC	3.995	3.388	49879878	376.8E6	8.310	11.103 #
3)	MA gamma-BHC...	0.000	3.724	0	343.2E6	N.D.	11.010 #
4)	MA Heptachlor	4.942f	4.073	3200714	2498328	0.571	0.080 #
5)	MB Aldrin	0.000	4.357	0	2339864	N.D.	0.077 #
6)	B beta-BHC	4.513	4.019	20576062	149.2E6	9.173	11.191
7)	B delta-BHC	4.768	4.257	2983299	712974	0.576	0.023 #
8)	B Heptachlo...	5.676	4.885f	1495071	3458339	0.305	0.125 #
9)	A Endosulfan I	0.000	5.261f	0	1127884	N.D.	0.043 #
10)	B gamma-Chl...	5.937	5.117	355905	8807367	0.073	0.297 #
11)	B alpha-Chl...	6.027	5.182	528366	4552774	0.107	0.160 #
12)	B 4,4'-DDE	6.192	5.369	443349	2899335	0.101	0.101
13)	MA Dieldrin	0.000	5.504	0	219855	N.D.	0.008 #
14)	MA Endrin	0.000	5.781	0	1343.3E6	N.D.	50.438 #
15)	B Endosulfa...	6.798f	6.078	1768074	3701186	0.419	0.146 #
16)	A 4,4'-DDD	6.700	5.922	3298789	22461540	0.954	0.934
17)	MA 4,4'-DDT	7.016	6.174	320.2E6	2484.8E6	84.038	99.115
18)	B Endrin al...	6.911	6.248	670063	15165556	0.234	0.881 #
19)	B Endosulfa...	0.000	6.484	0	367070	N.D.	0.015 #
20)	A Methoxychlor	7.488	6.745	409.1E6	2424.5E6	203.993	188.007
21)	B Endrin ke...	7.625	6.982	3080756	23824905	0.743	0.894
22)	Mirex	8.117	7.166	95200	6464861	0.030	0.313 #
23)	Chlordane-1	0.000	3.897	0	800103	N.D.	0.900 #
24)	Chlordane-2	0.000	4.484	0	1304681	N.D.	1.362 #
25)	Chlordane-3	5.937	5.117	355905	8807367	0.525	3.178 #
26)	Chlordane-4	6.027	5.182	528366	4552774	0.636	1.892 #
27)	Chlordane-5	6.867	6.078	233940	3701186	1.669	3.365 #

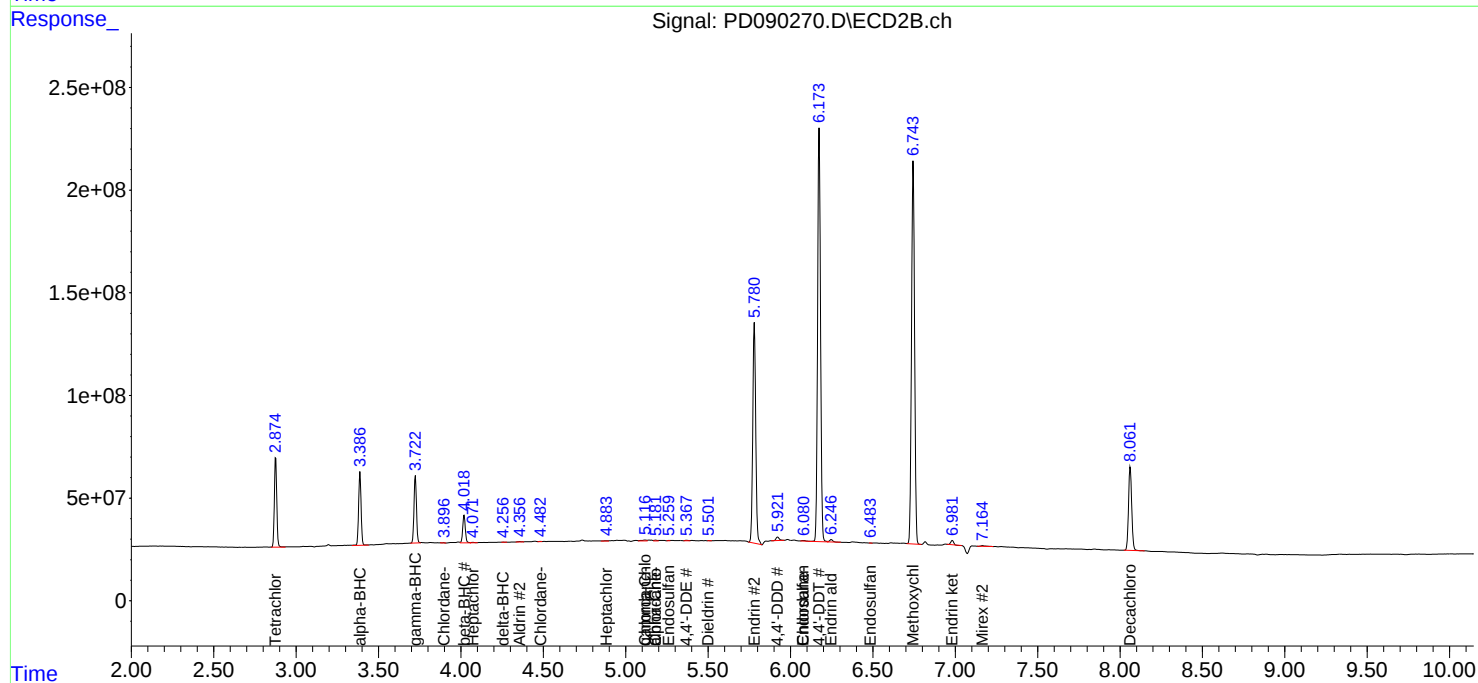
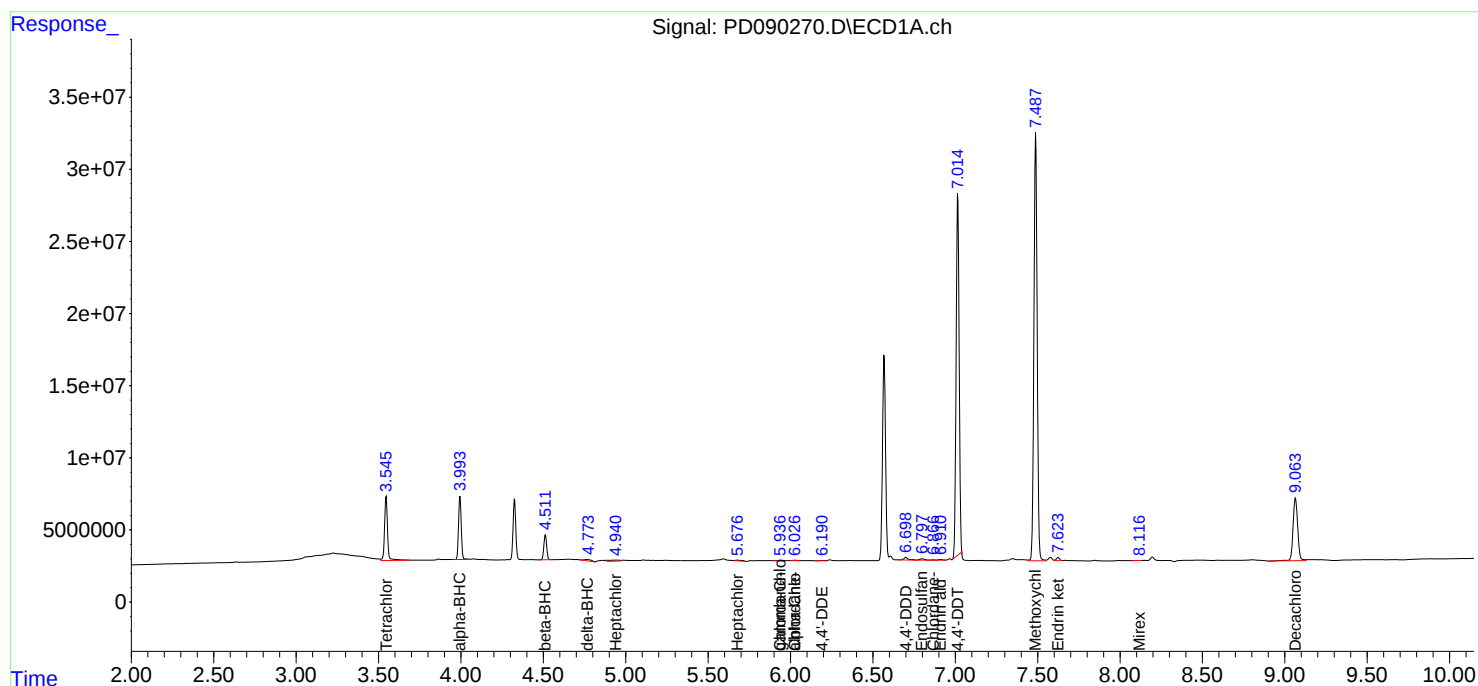
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

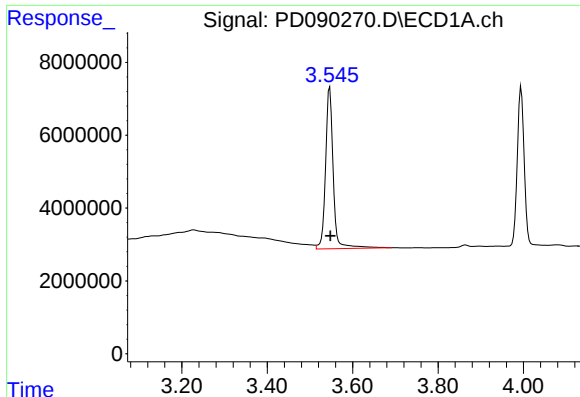
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091525\
Data File : PD090270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:01
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 07:07:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

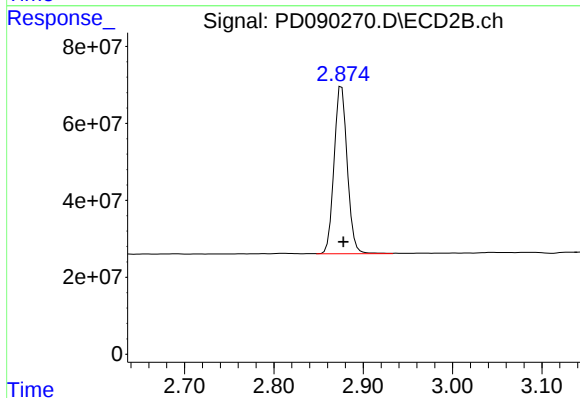




#1 Tetrachloro-m-xylene

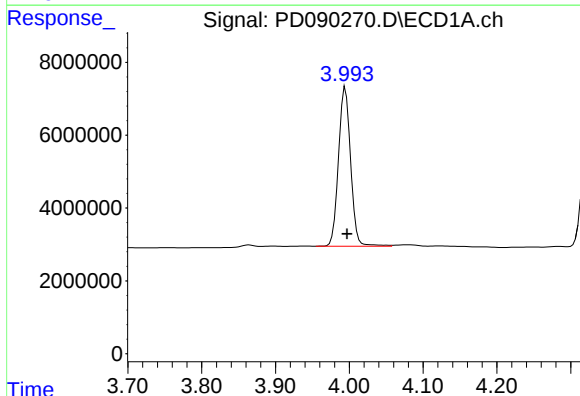
R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 55807924
Conc: 19.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



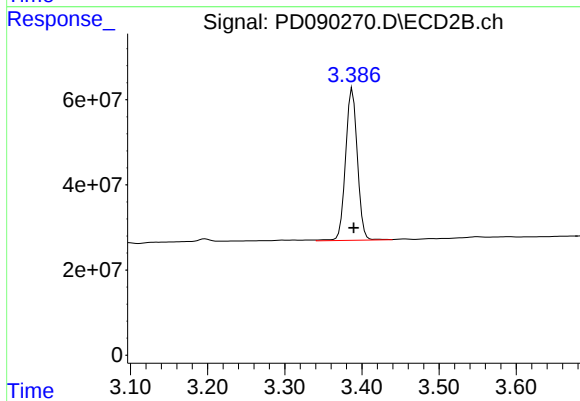
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 446908616
Conc: 20.27 ng/ml



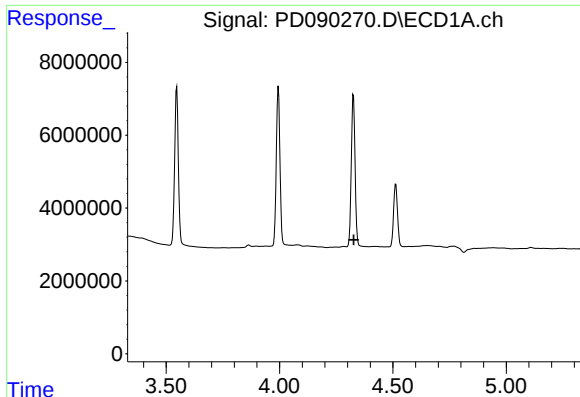
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 49879878
Conc: 8.31 ng/ml



#2 alpha-BHC

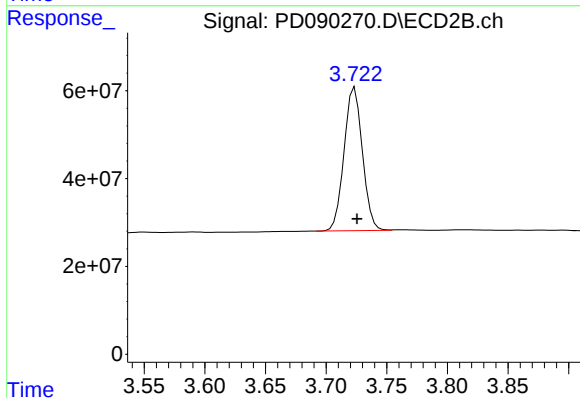
R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 376833644
Conc: 11.10 ng/ml



#3 gamma-BHC (Lindane)

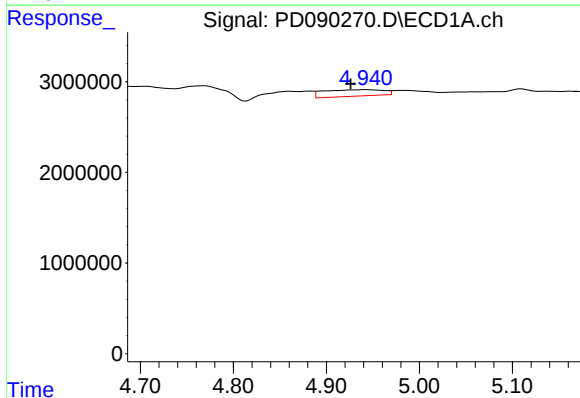
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



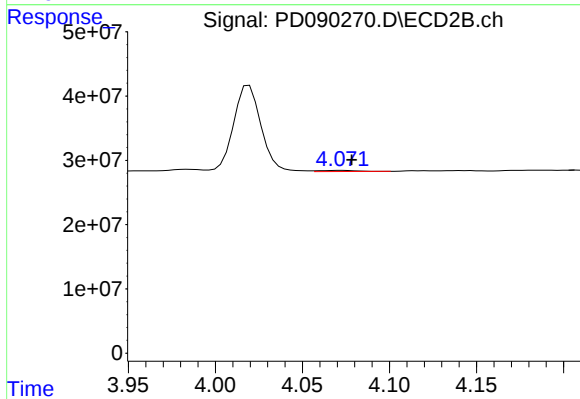
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 343201959
Conc: 11.01 ng/ml



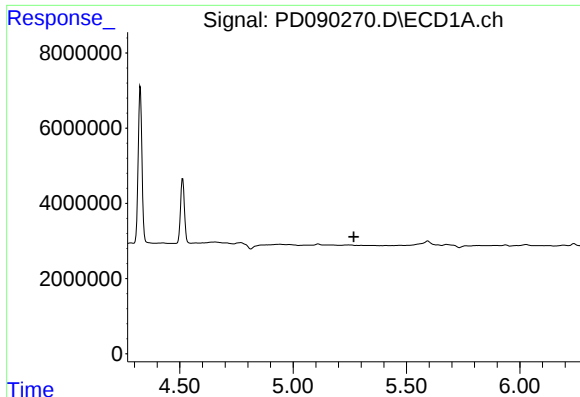
#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: 0.016 min
Response: 3200714
Conc: 0.57 ng/ml



#4 Heptachlor

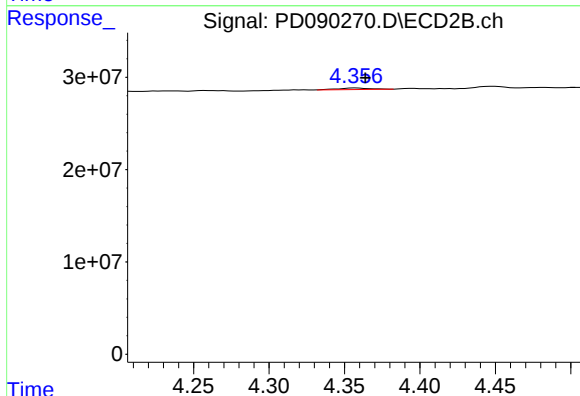
R.T.: 4.073 min
Delta R.T.: -0.006 min
Response: 2498328
Conc: 0.08 ng/ml



#5 Aldrin

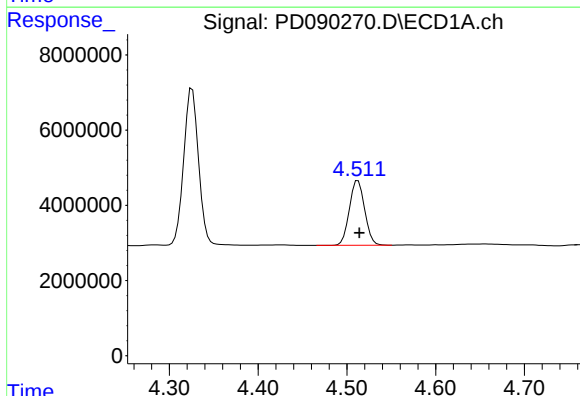
R.T.: 0.000 min
Exp R.T.: 5.267 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



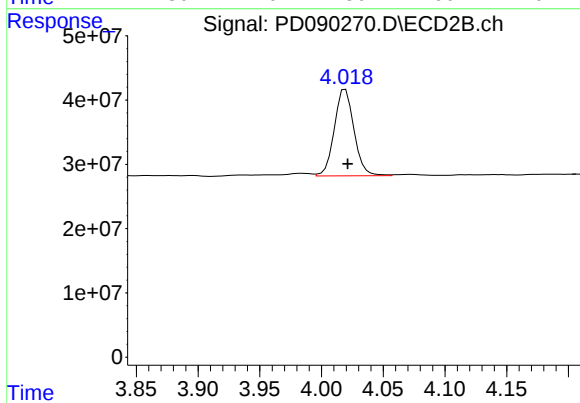
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.006 min
Response: 2339864
Conc: 0.08 ng/ml



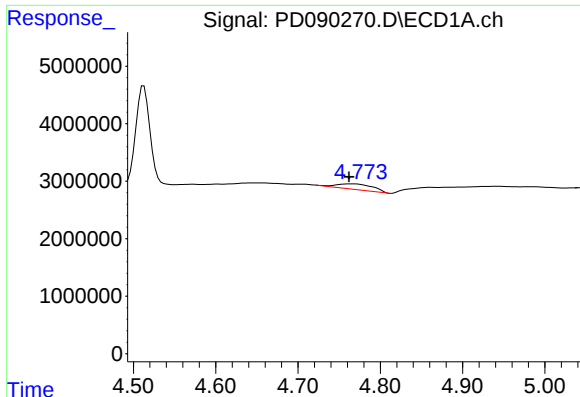
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 20576062
Conc: 9.17 ng/ml



#6 beta-BHC

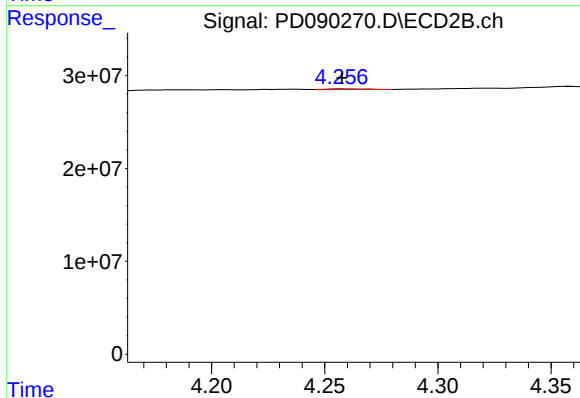
R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 149174760
Conc: 11.19 ng/ml



#7 delta-BHC

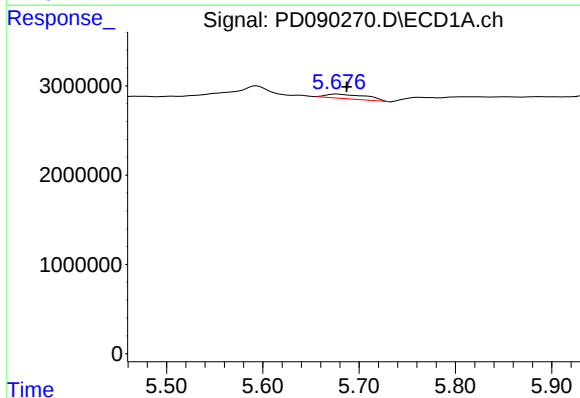
R.T.: 4.768 min
Delta R.T.: 0.006 min
Response: 2983299
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



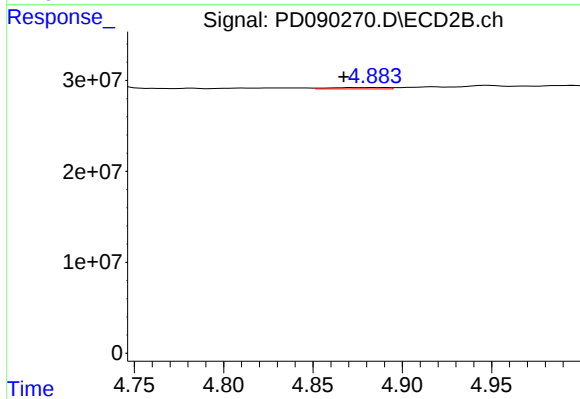
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 712974
Conc: 0.02 ng/ml



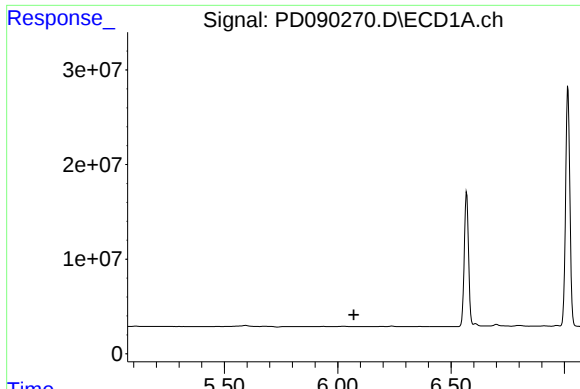
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.011 min
Response: 1495071
Conc: 0.30 ng/ml



#8 Heptachlor epoxide

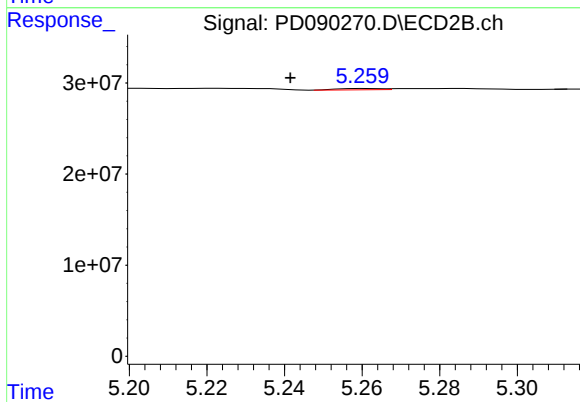
R.T.: 4.885 min
Delta R.T.: 0.018 min
Response: 3458339
Conc: 0.12 ng/ml



#9 Endosulfan I

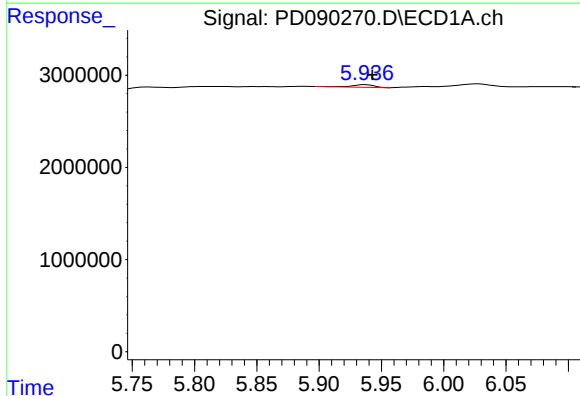
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



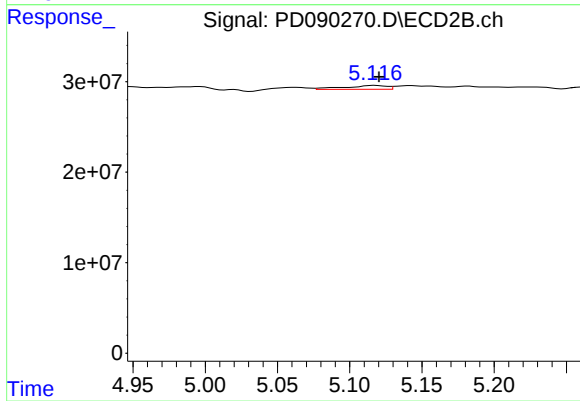
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: 0.019 min
Response: 1127884
Conc: 0.04 ng/ml



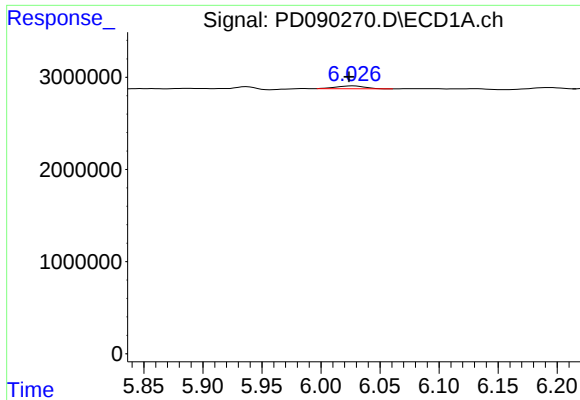
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.006 min
Response: 355905
Conc: 0.07 ng/ml



#10 gamma-Chlordane

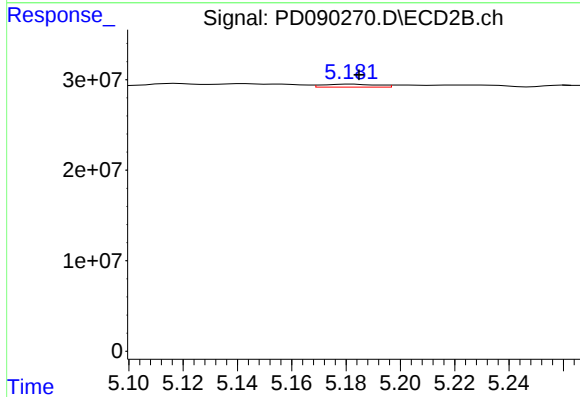
R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 8807367
Conc: 0.30 ng/ml



#11 alpha-Chlordane

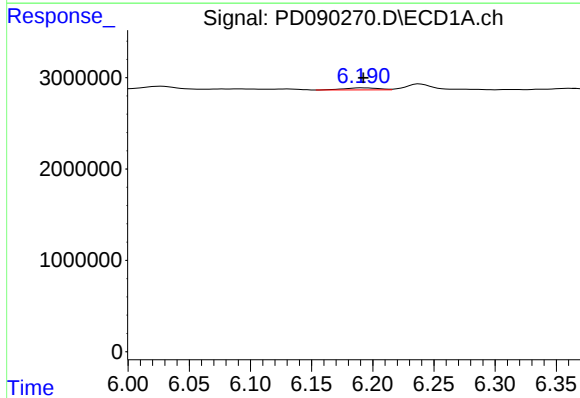
R.T.: 6.027 min
Delta R.T.: 0.004 min
Response: 528366
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



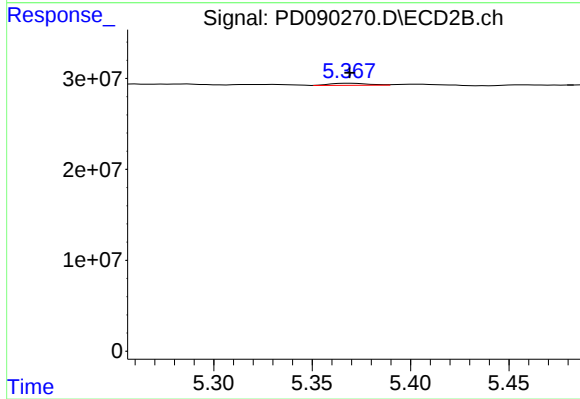
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 4552774
Conc: 0.16 ng/ml



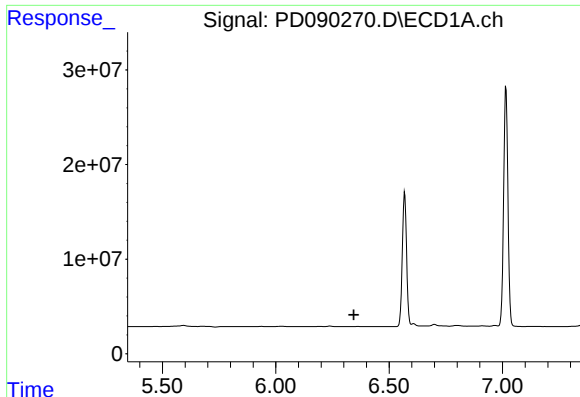
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 443349
Conc: 0.10 ng/ml



#12 4,4'-DDE

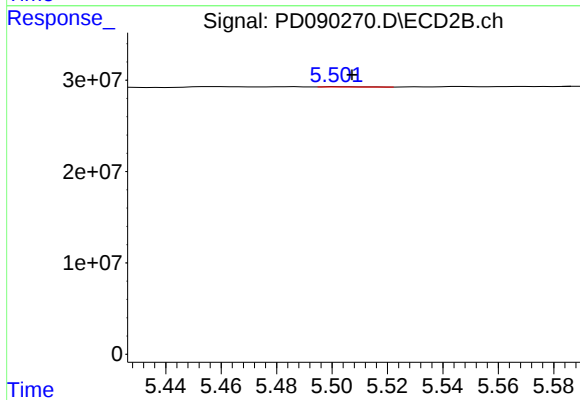
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 2899335
Conc: 0.10 ng/ml



#13 Dieldrin

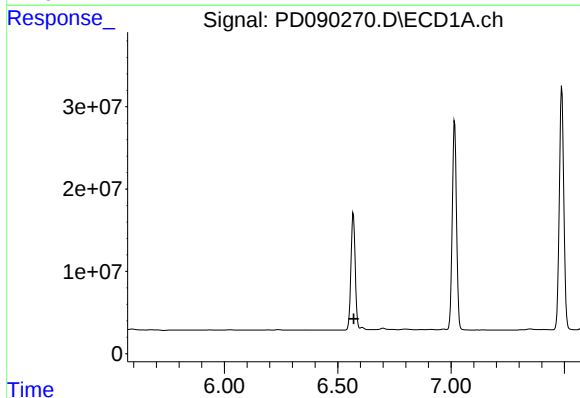
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



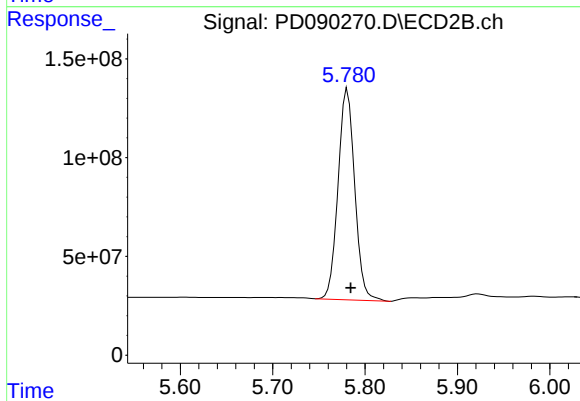
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 219855
Conc: 0.01 ng/ml



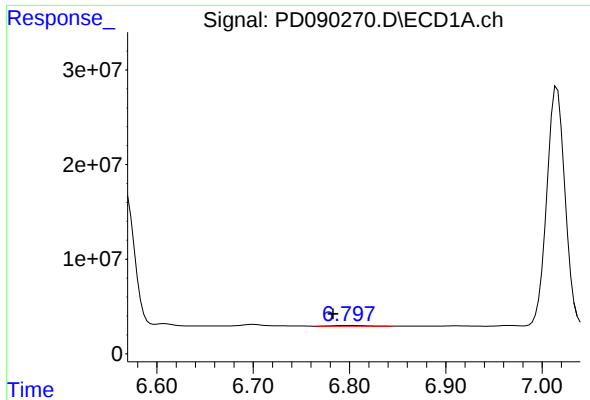
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.



#14 Endrin

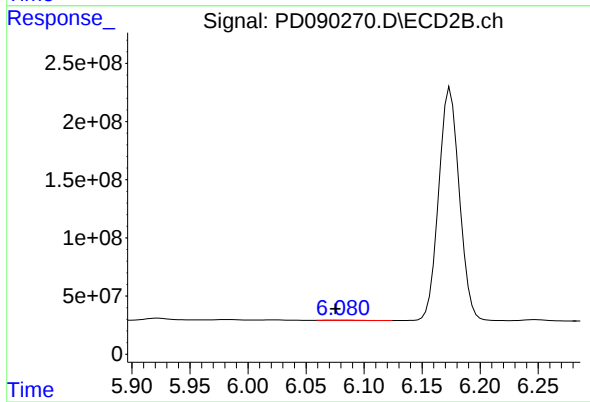
R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 1343264872
Conc: 50.44 ng/ml



#15 Endosulfan II

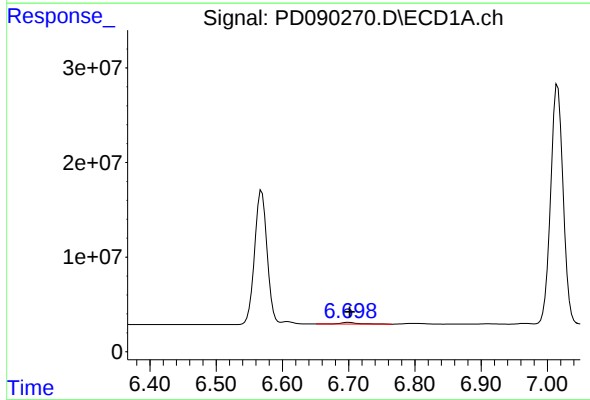
R.T.: 6.798 min
Delta R.T.: 0.015 min
Response: 1768074
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



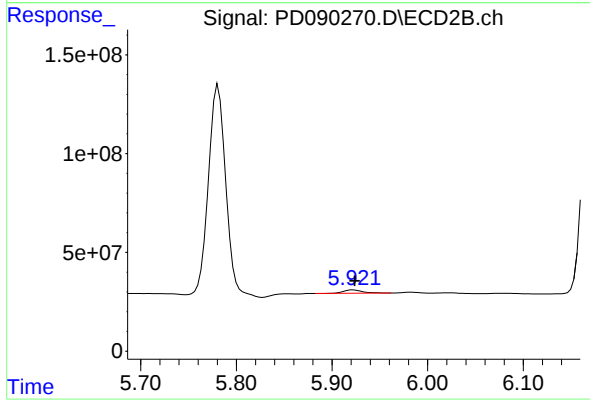
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.003 min
Response: 3701186
Conc: 0.15 ng/ml



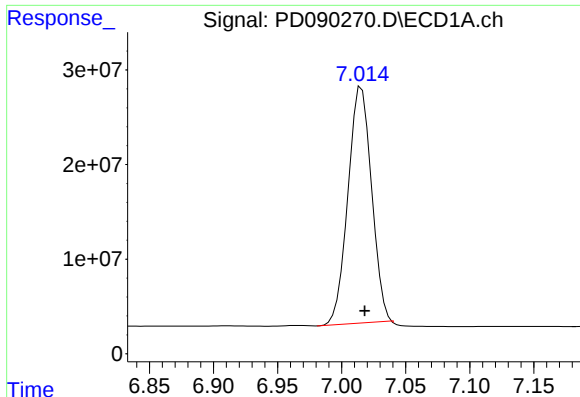
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 3298789
Conc: 0.95 ng/ml



#16 4,4'-DDD

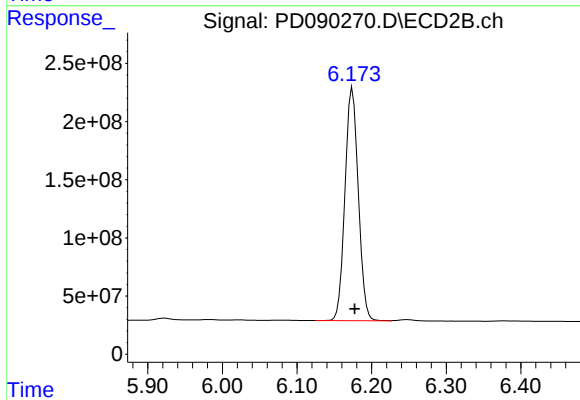
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 22461540
Conc: 0.93 ng/ml



#17 4,4'-DDT

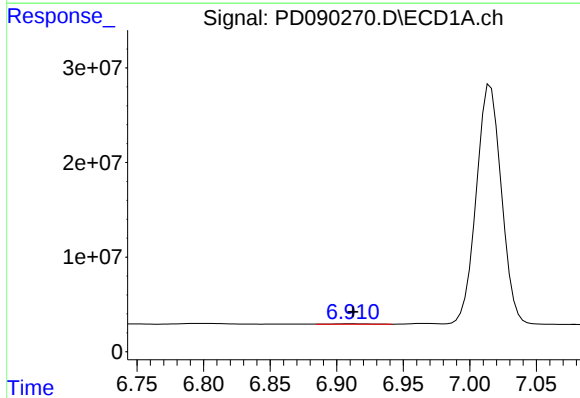
R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 320164196
Conc: 84.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



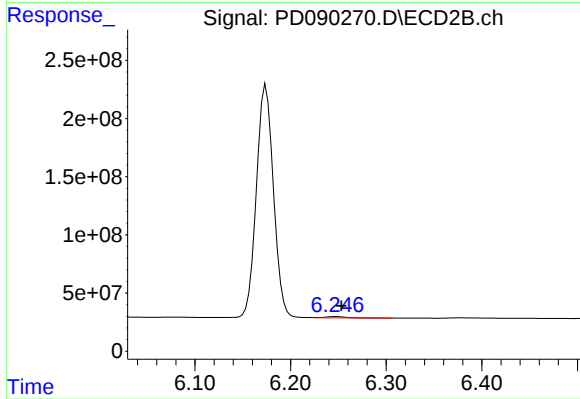
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 2484784287
Conc: 99.11 ng/ml



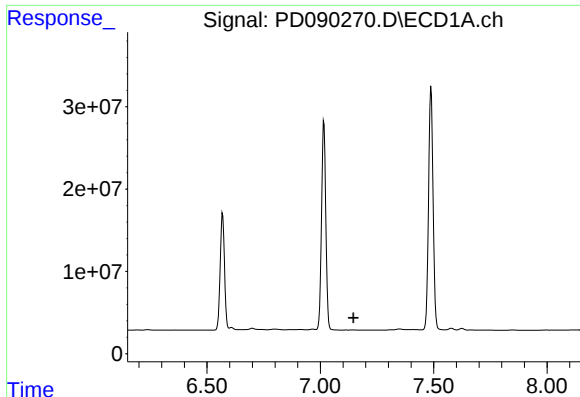
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 670063
Conc: 0.23 ng/ml



#18 Endrin aldehyde

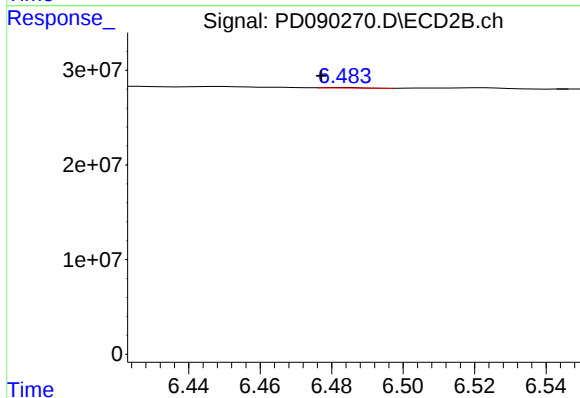
R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 15165556
Conc: 0.88 ng/ml



#19 Endosulfan Sulfate

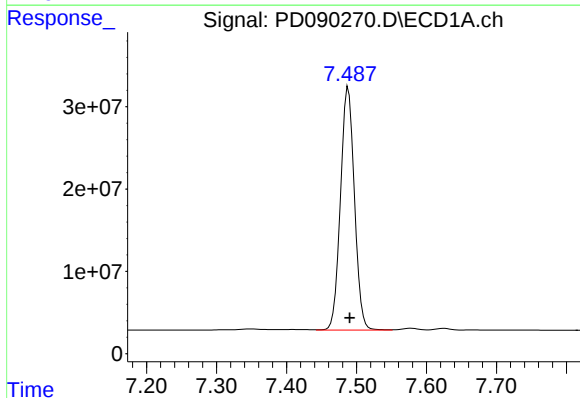
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



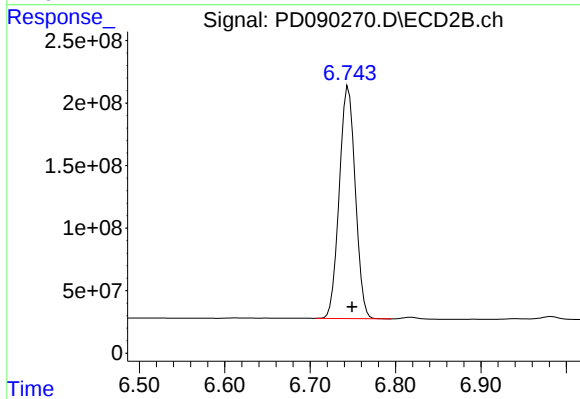
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: 0.007 min
Response: 367070
Conc: 0.02 ng/ml



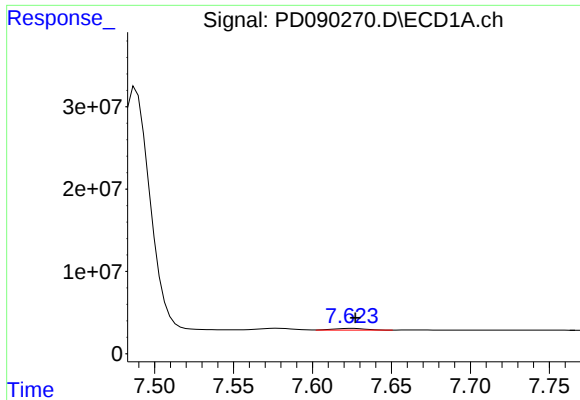
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 409131836
Conc: 203.99 ng/ml



#20 Methoxychlor

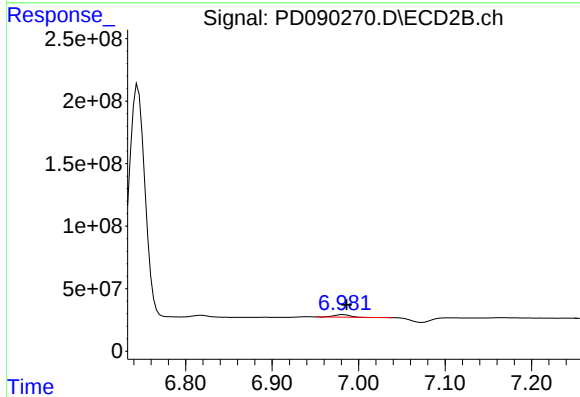
R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 2424499743
Conc: 188.01 ng/ml



#21 Endrin ketone

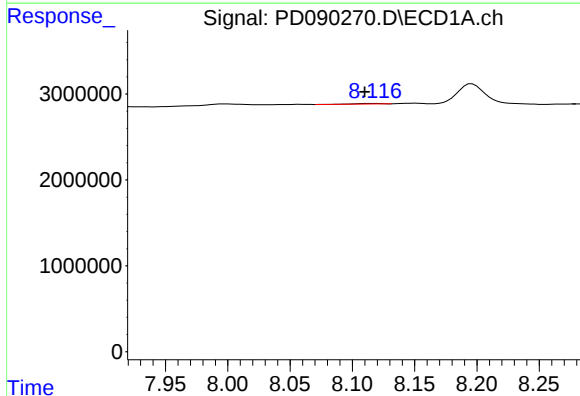
R.T.: 7.625 min
Delta R.T.: -0.003 min
Response: 3080756
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



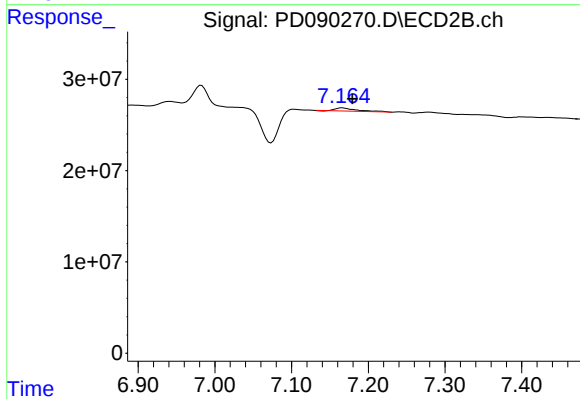
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.004 min
Response: 23824905
Conc: 0.89 ng/ml



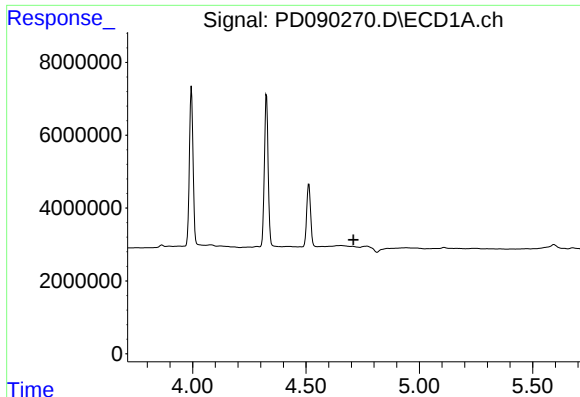
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.008 min
Response: 95200
Conc: 0.03 ng/ml



#22 Mirex

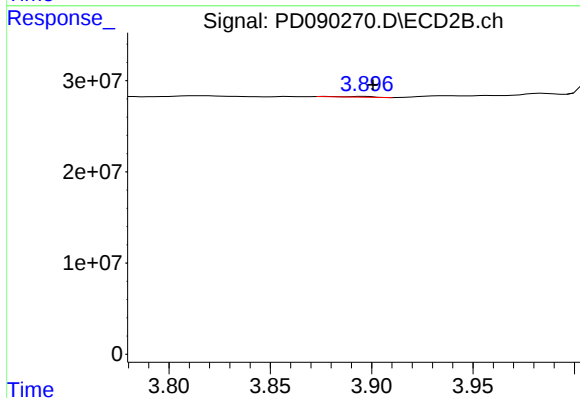
R.T.: 7.166 min
Delta R.T.: -0.013 min
Response: 6464861
Conc: 0.31 ng/ml



#23 Chlordane-1

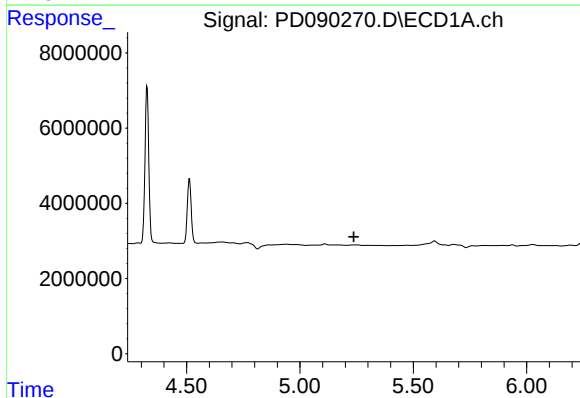
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



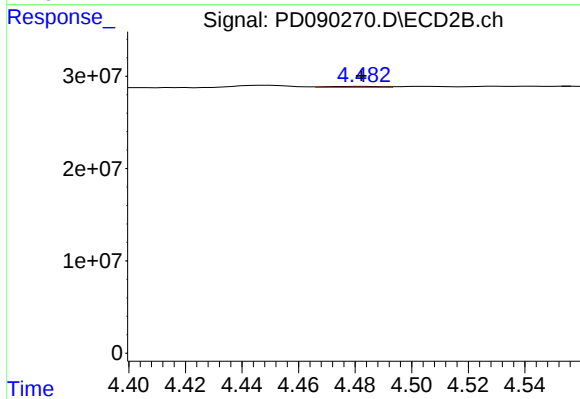
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.004 min
Response: 800103
Conc: 0.90 ng/ml



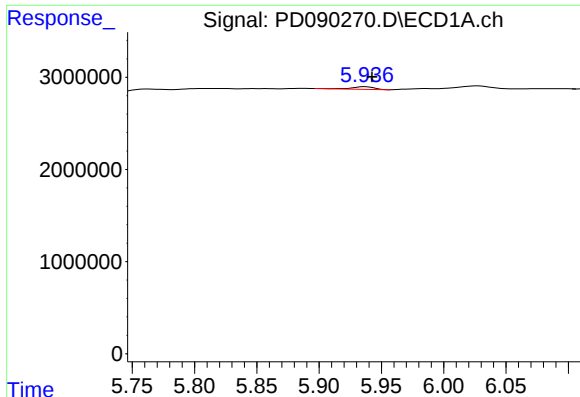
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

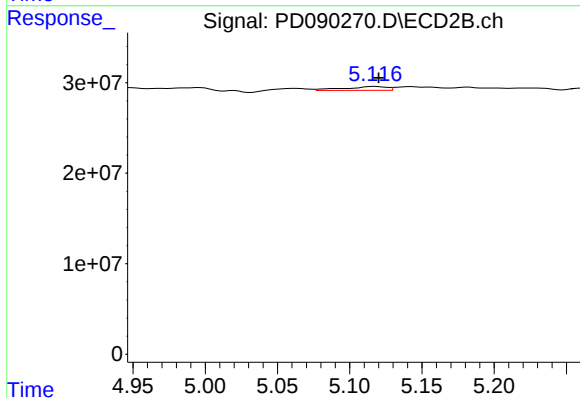
R.T.: 4.484 min
Delta R.T.: 0.001 min
Response: 1304681
Conc: 1.36 ng/ml



#25 Chlordane-3

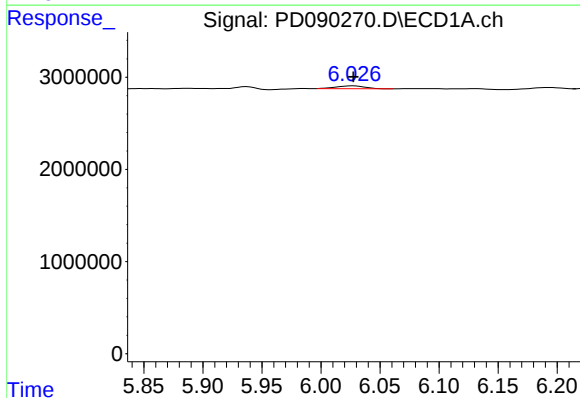
R.T.: 5.937 min
Delta R.T.: -0.005 min
Response: 355905
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



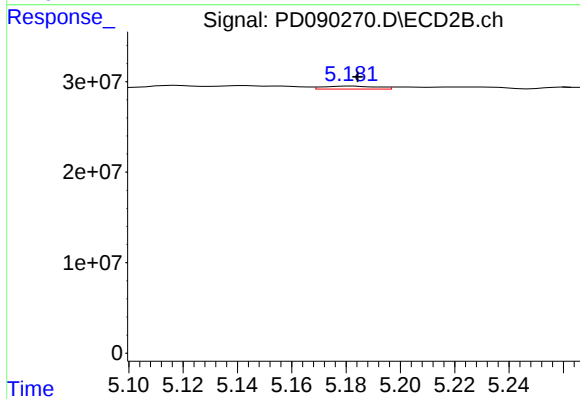
#25 Chlordane-3

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 8807367
Conc: 3.18 ng/ml



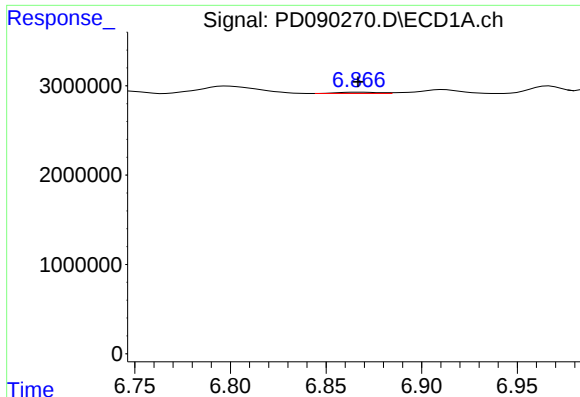
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 528366
Conc: 0.64 ng/ml



#26 Chlordane-4

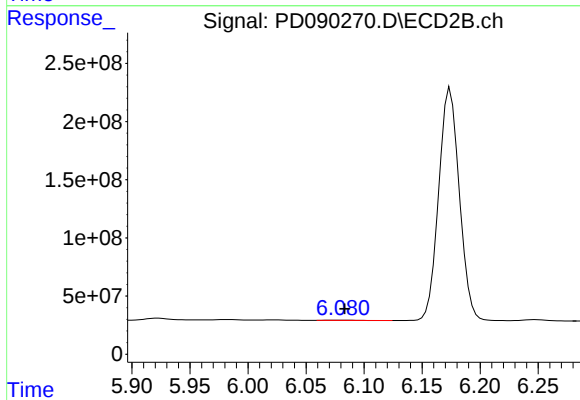
R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 4552774
Conc: 1.89 ng/ml



#27 Chlordane-5

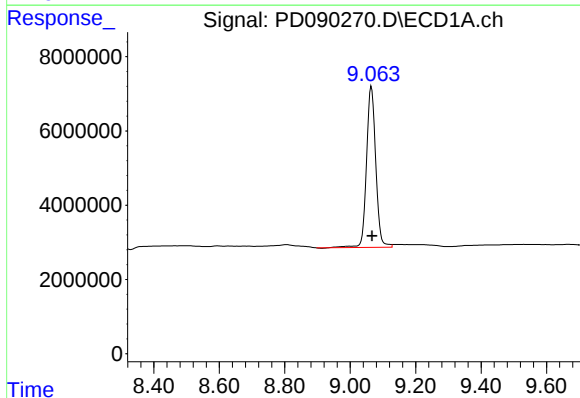
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 233940
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



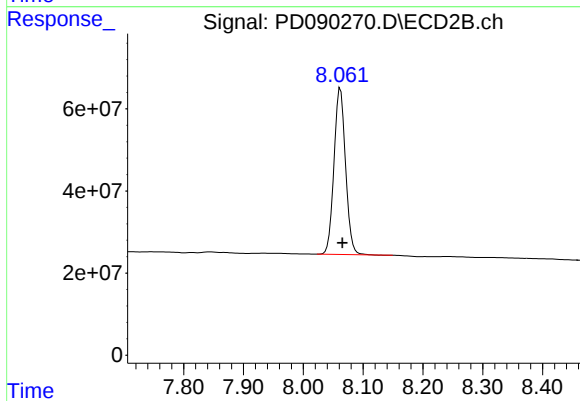
#27 Chlordane-5

R.T.: 6.078 min
Delta R.T.: -0.005 min
Response: 3701186
Conc: 3.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 84941035
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 544660688
Conc: 21.04 ng/ml