Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:03
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 19 05:54:10 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	52614883	437.5E6	16.187	15.938	
28)	SA	Decachlor...	9.066	8.063	79104389	512.8E6	16.395	15.820	
		Target Compounds							
2)	A	alpha-BHC	3.995	3.388	48940172	362.6E6	7.007	8.282	
3)	MA	gamma-BHC...	4.325	3.724	47568494	336.3E6	7.189	8.255	
4)	MA	Heptachlor	4.945f	4.070	2995810	2599765	0.453	0.064	#
5)	MB	Aldrin	5.245f	4.360	320635	1062981	0.050	0.027	#
6)	B	beta-BHC	4.512	4.020	20379483	146.1E6	7.899	8.429	
7)	B	delta-BHC	0.000	4.254	0	862387	N.D.	0.021	#
8)	B	Heptachlo...	5.678	4.864	2232356	3123930	0.391	0.085	#
10)	B	gamma-Chl...	5.938	5.117	592841	5496360	0.104	0.140	#
11)	B	alpha-Chl...	6.028	5.184	626720	16643667	0.109	0.442	#
12)	B	4,4'-DDE	6.193	5.368	553483	2283805	0.106	0.060	#
13)	MA	Dieldrin	6.364f	5.521	87868	1512301	0.015	0.039	#
14)	MA	Endrin	6.569	5.782	186.0E6	1359.0E6	38.003	37.926	
15)	B	Endosulfa...	6.768	6.079	3190095	4133820	0.654	0.122	#
16)	A	4,4'-DDD	6.700	5.923	7941726	33060824	1.938	1.020	#
17)	MA	4,4'-DDT	7.016	6.176	332.6E6	2537.9E6	74.702	73.820	
18)	B	Endrin al...	6.911	6.249	2779094	15992667	0.810	0.679	
19)	B	Endosulfa...	0.000	6.458f	0	549173	N.D.	0.017	#
20)	A	Methoxychlor	7.489	6.746	411.3E6	2707.3E6	174.521	155.591	
21)	B	Endrin ke...	7.626	6.983	4094699	28312994	0.828	0.784	
22)		Mirex	0.000	7.168	0	6652858	N.D.	0.241	#
23)		Chlordane-1	0.000	3.895	0	1313054	N.D.	1.091	#
24)		Chlordane-2	5.245	4.476	320635	1521013	1.494	1.216	
25)		Chlordane-3	5.938	5.117	592841	5496360	0.708	1.450	#
26)		Chlordane-4	6.028	5.184	626720	16643667	0.614	5.112	#
27)		Chlordane-5	6.869	6.079	2151529	4133820	12.085	2.724	#

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

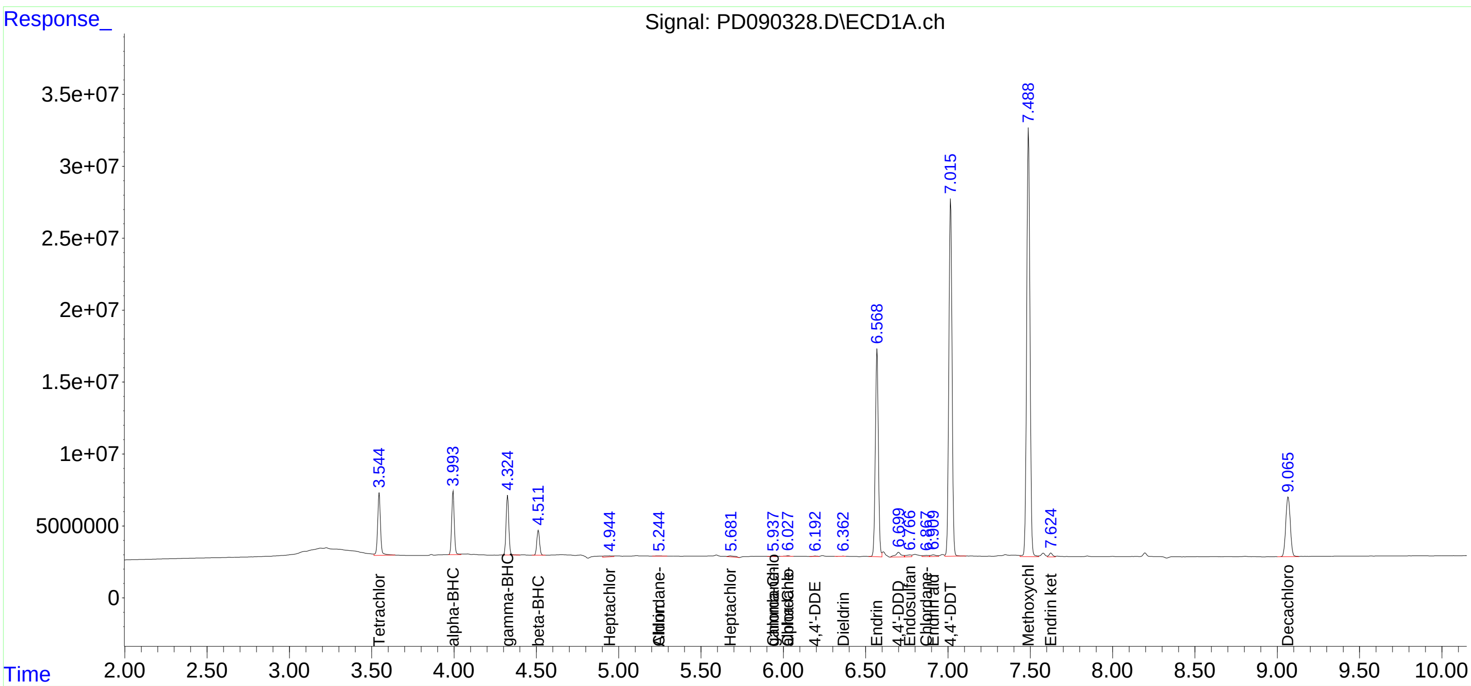
Quantitation Report (Not Reviewed)

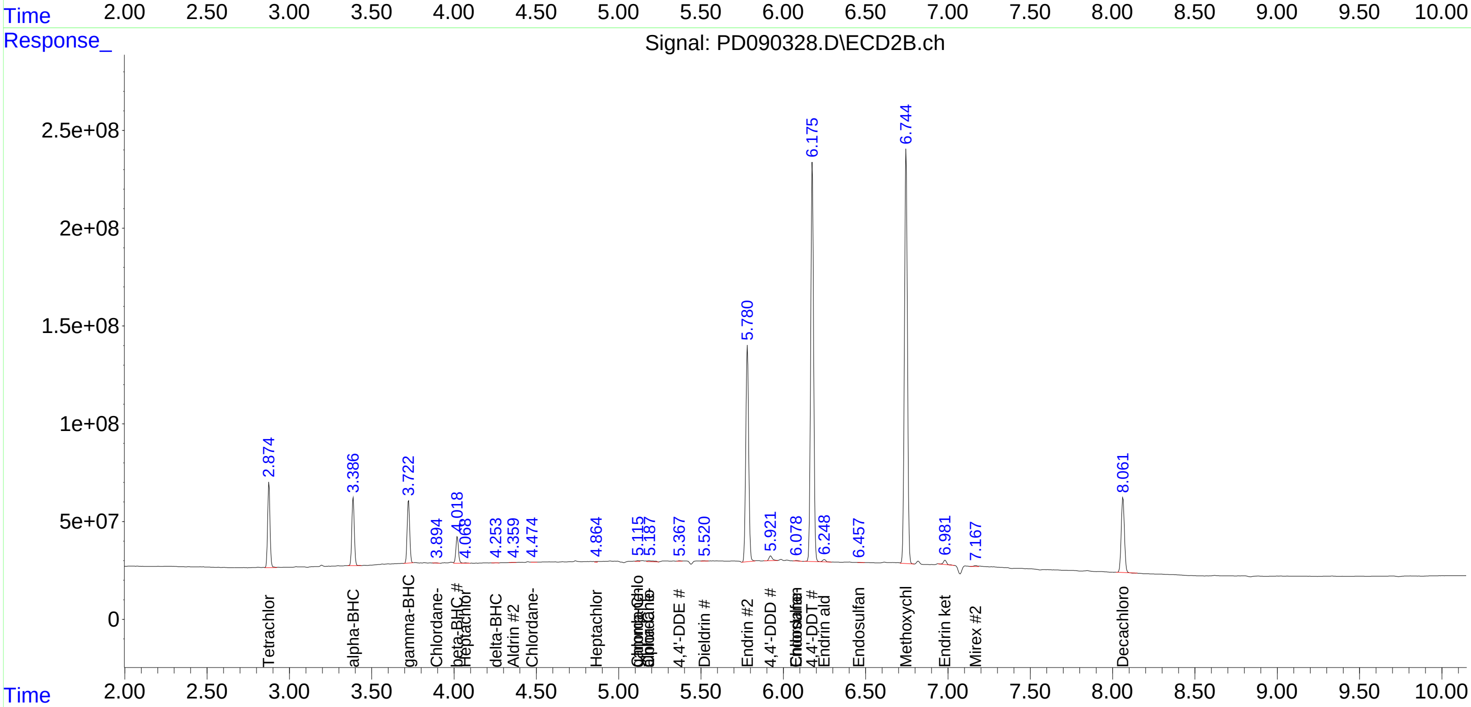
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

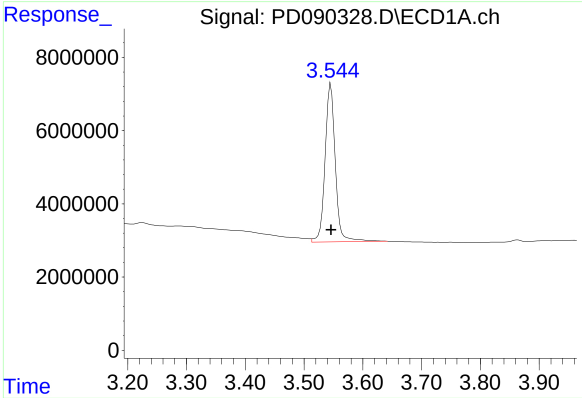
Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:54:10 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



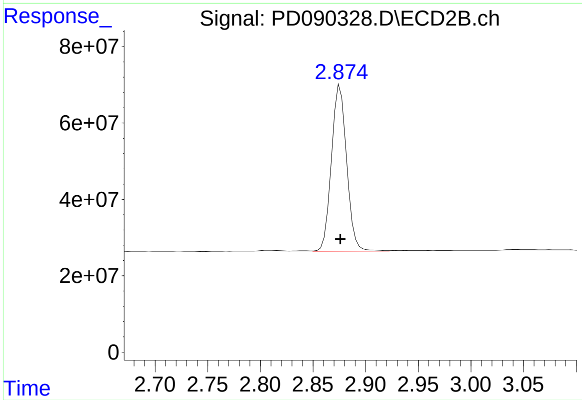




#1 Tetrachloro-m-xylene

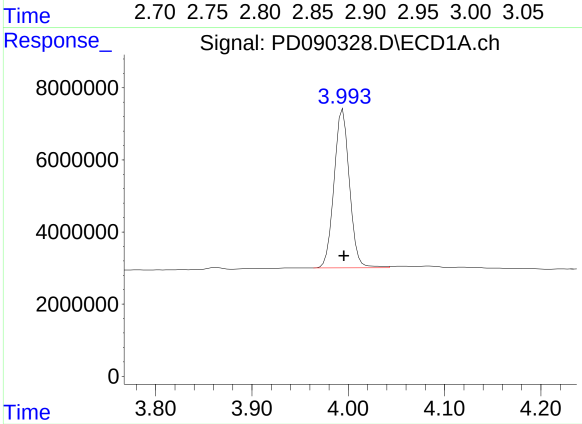
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 52614883
Conc: 16.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



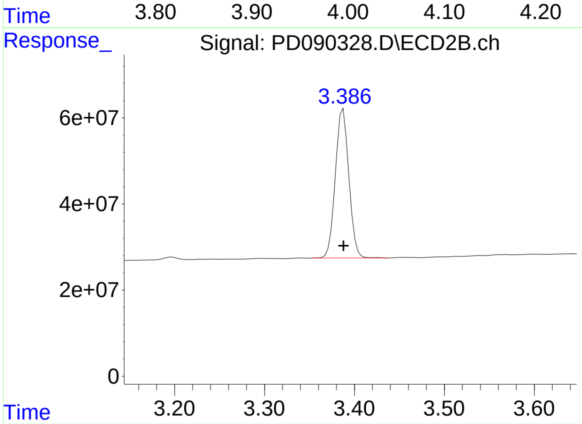
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 437486586
Conc: 15.94 ng/ml



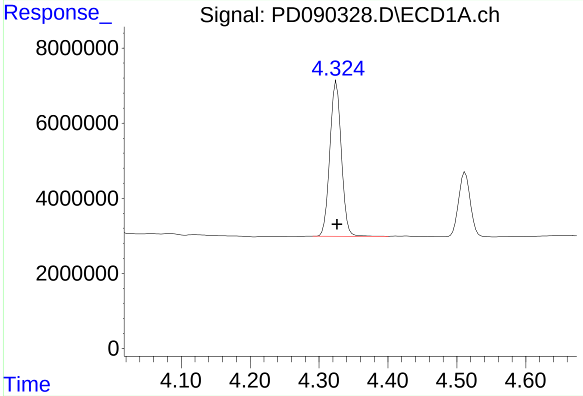
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 48940172
Conc: 7.01 ng/ml



#2 alpha-BHC

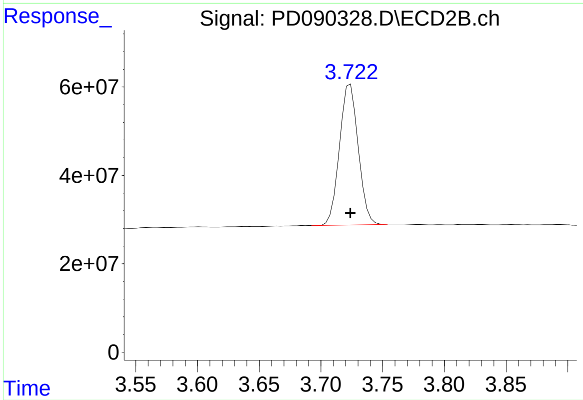
R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 362613966
Conc: 8.28 ng/ml



#3 gamma-BHC (Lindane)

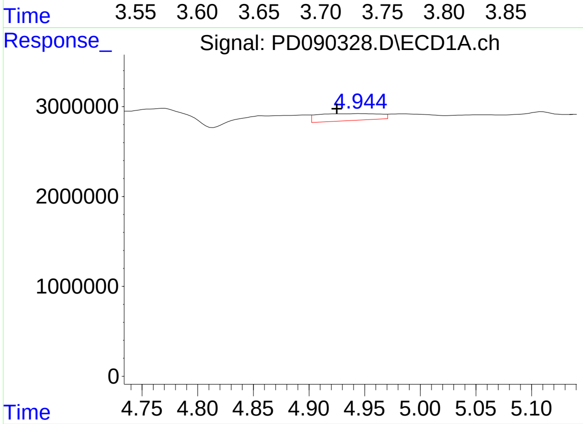
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 47568494
Conc: 7.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



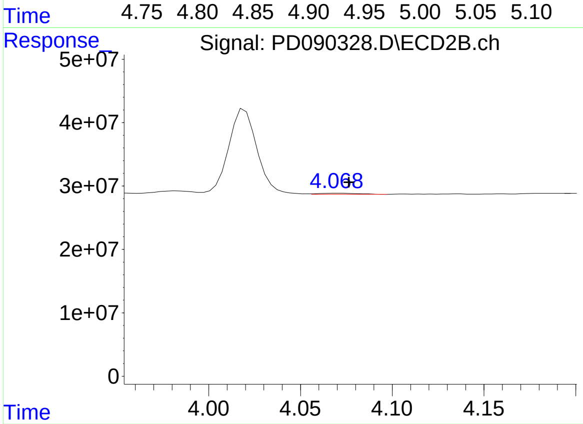
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 336278718
Conc: 8.26 ng/ml



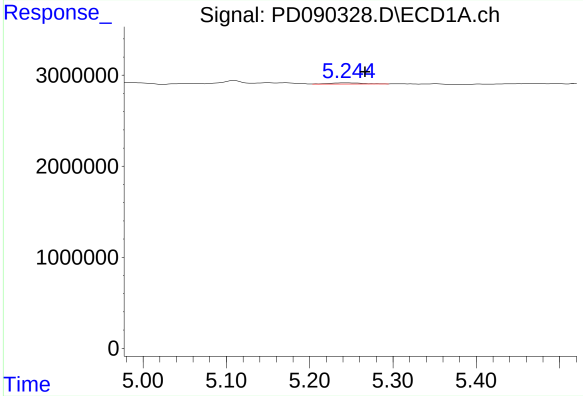
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.020 min
Response: 2995810
Conc: 0.45 ng/ml



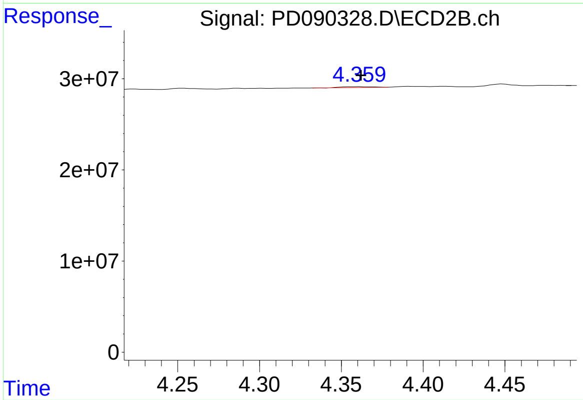
#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.006 min
Response: 2599765
Conc: 0.06 ng/ml

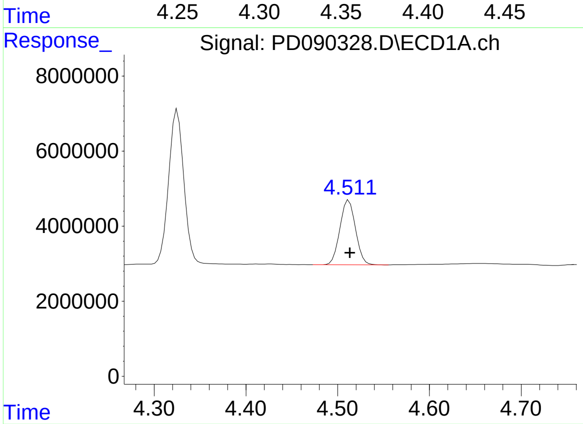



```
#5  Aldrin

      R.T.:    5.245 min
Delta R.T.:   -0.021 min
  Response:    320635
      Conc:   0.05 ng/ml
```

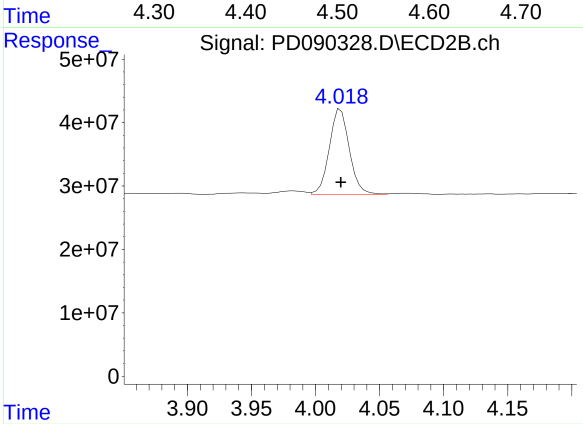
Instrument :
ECD_D
ClientSampleId :



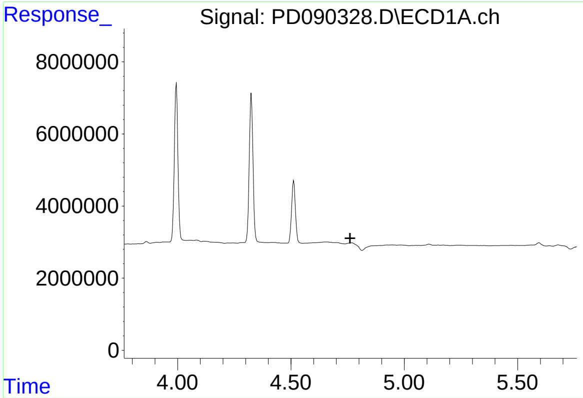

```
#5  Aldrin

      R.T.:    4.360 min
Delta R.T.:   -0.002 min
  Response:   1062981
      Conc:   0.03 ng/ml
```




```
#6  beta-BHC

      R.T.:    4.512 min
Delta R.T.:   -0.001 min
  Response:  20379483
      Conc:   7.90 ng/ml
```



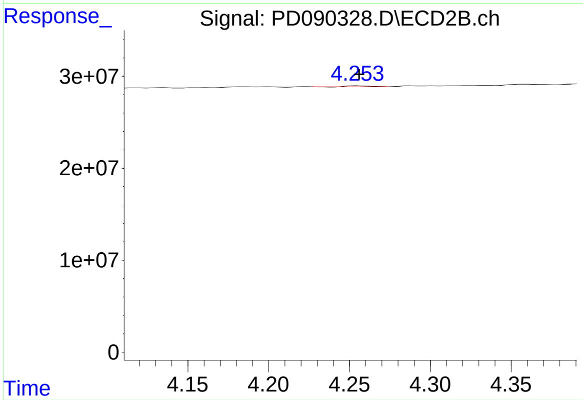

```
#6  beta-BHC

      R.T.:    4.020 min
Delta R.T.:    0.000 min
  Response: 146120533
      Conc:   8.43 ng/ml
```



#7 delta-BHC

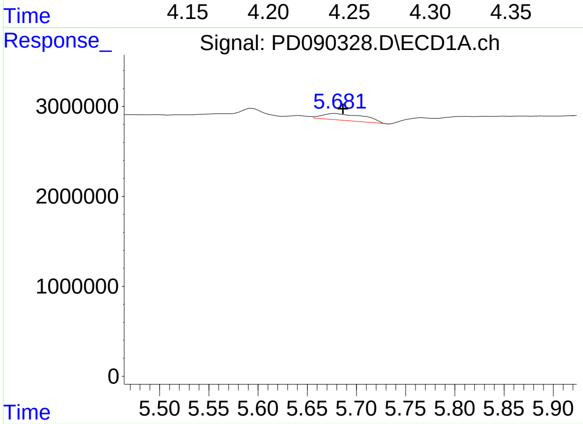
```
      R.T.:    0.000 min
Exp R.T.  :    4.761 min
  Response:        0
      Conc:   N.D.
```

Instrument :
ECD_D
ClientSampleId :



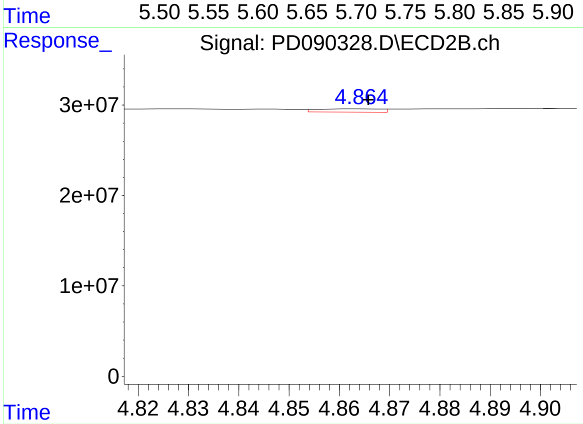
#7 delta-BHC

```
      R.T.:    4.254 min
Delta R.T.:   -0.002 min
  Response:    862387
      Conc:   0.02 ng/ml
```



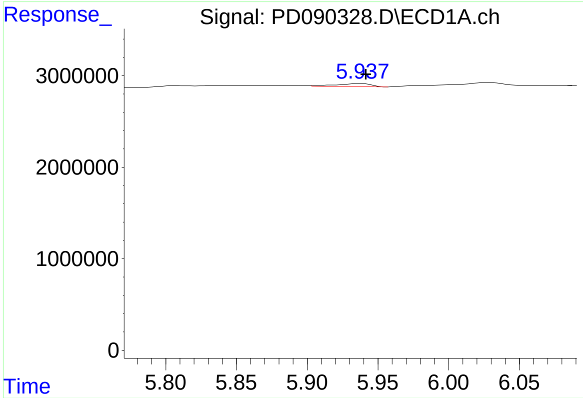
#8 Heptachlor epoxide

```
      R.T.:    5.678 min
Delta R.T.:   -0.008 min
  Response:   2232356
      Conc:   0.39 ng/ml
```



#8 Heptachlor epoxide

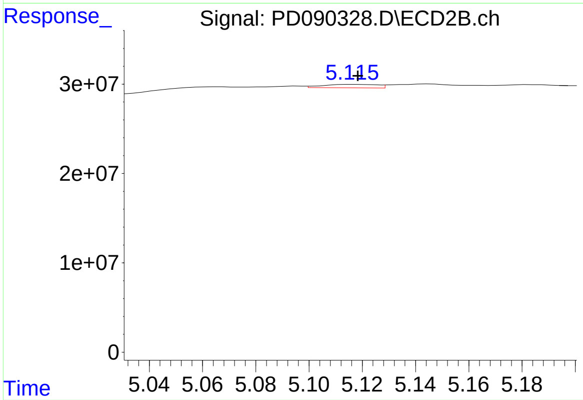
```
      R.T.:    4.864 min
Delta R.T.:   -0.002 min
  Response:   3123930
      Conc:   0.08 ng/ml
```



#10 gamma-Chlordane

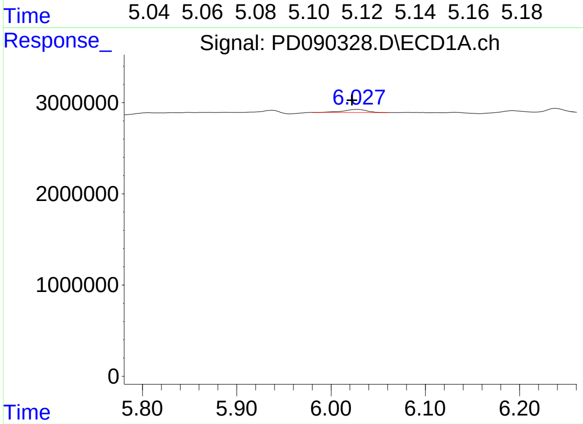
R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 592841
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



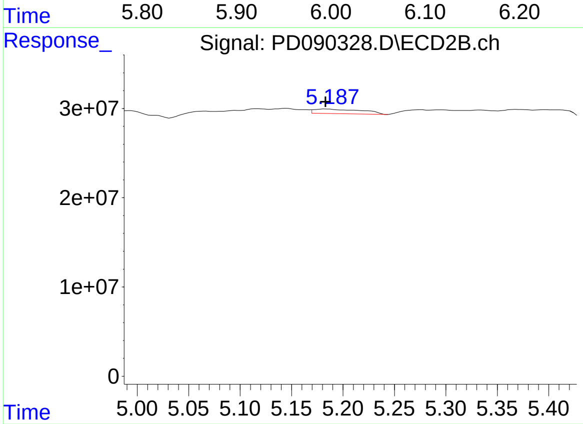
#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 5496360
Conc: 0.14 ng/ml



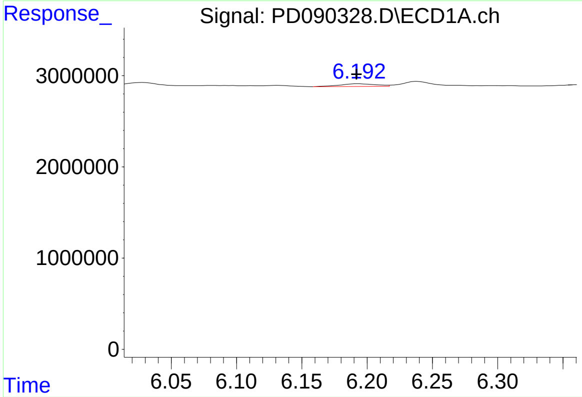
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.006 min
Response: 626720
Conc: 0.11 ng/ml



#11 alpha-Chlordane

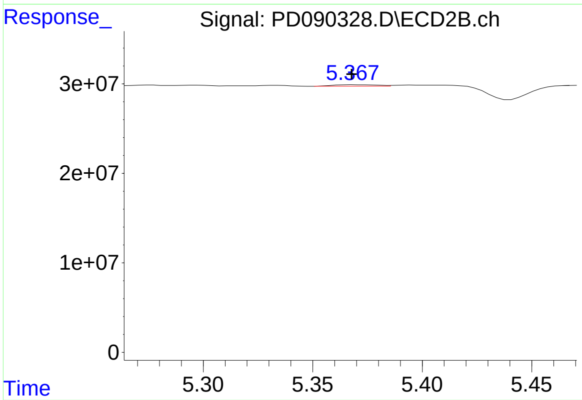
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 16643667
Conc: 0.44 ng/ml



#12 4,4'-DDE

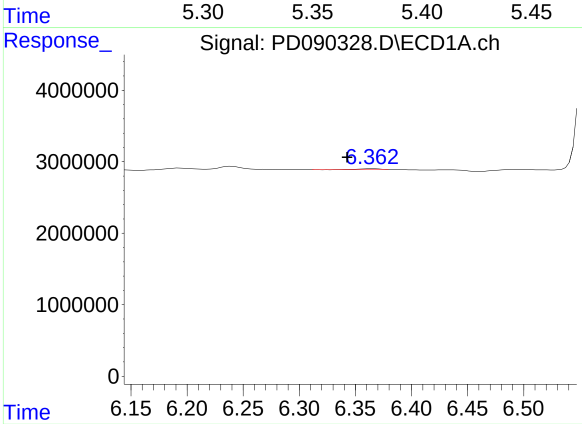
R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 553483
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



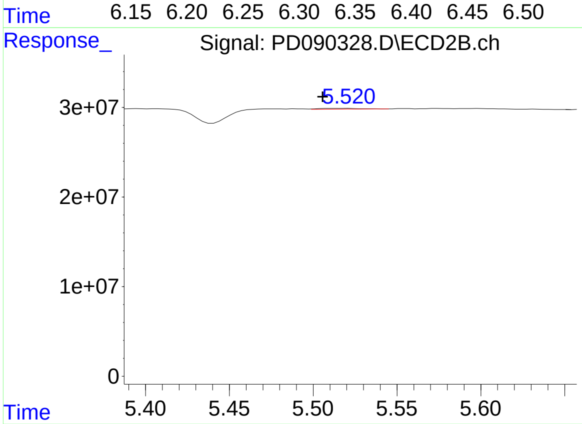
#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 2283805
Conc: 0.06 ng/ml



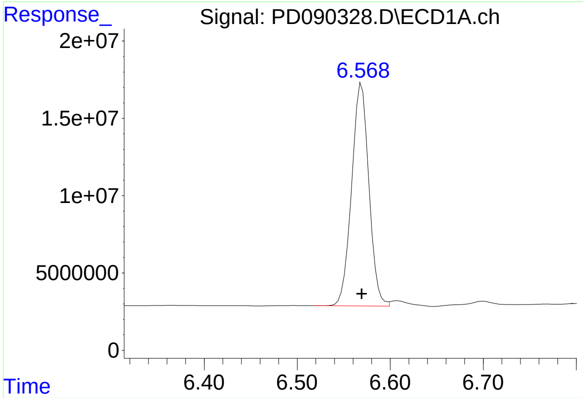
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.021 min
Response: 87868
Conc: 0.02 ng/ml



#13 Dieldrin

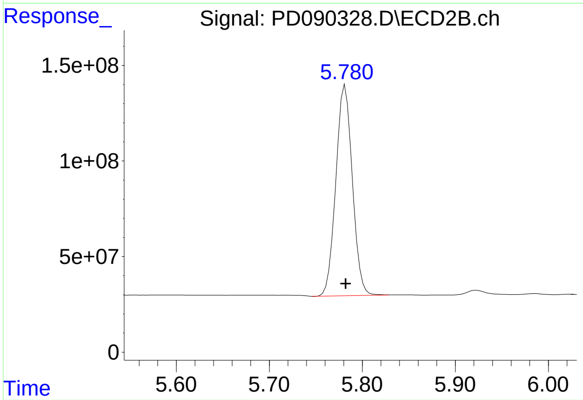
R.T.: 5.521 min
Delta R.T.: 0.015 min
Response: 1512301
Conc: 0.04 ng/ml



#14 Endrin

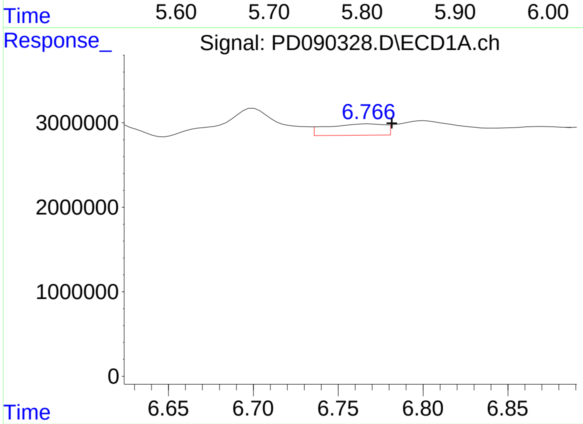
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 185982244
Conc: 38.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



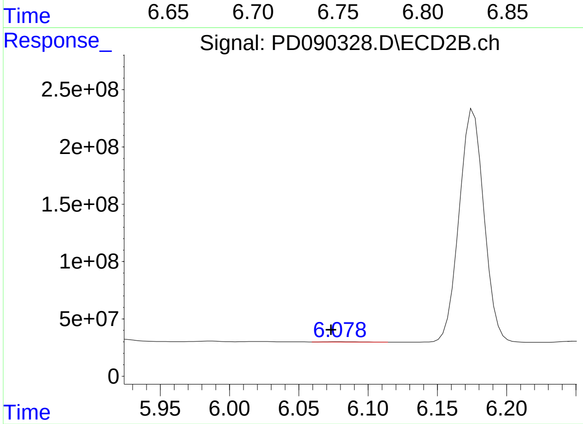
#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1358982336
Conc: 37.93 ng/ml



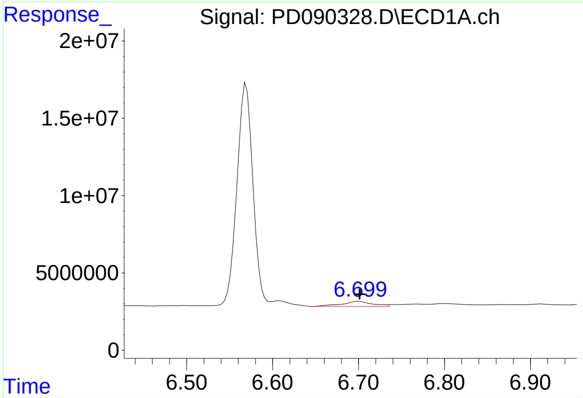
#15 Endosulfan II

R.T.: 6.768 min
Delta R.T.: -0.014 min
Response: 3190095
Conc: 0.65 ng/ml



#15 Endosulfan II

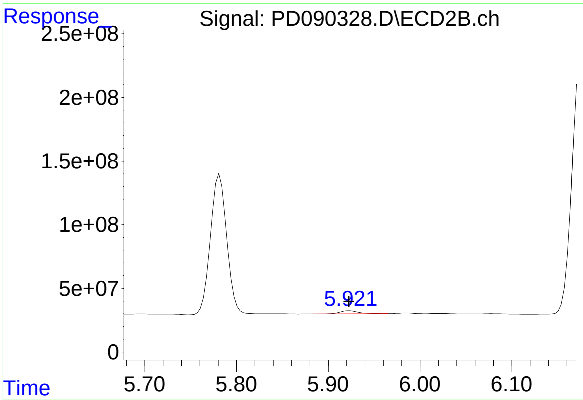
R.T.: 6.079 min
Delta R.T.: 0.006 min
Response: 4133820
Conc: 0.12 ng/ml



#16 4,4'-DDD

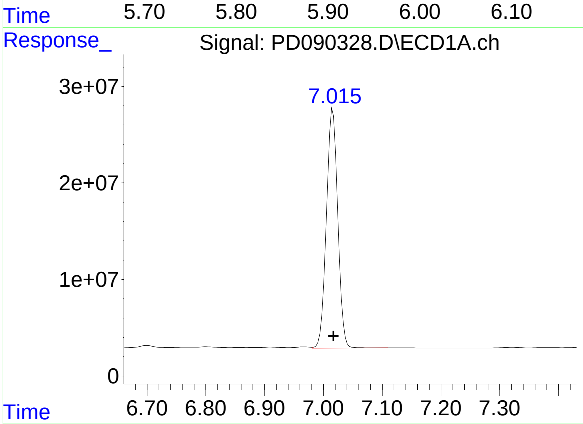
R.T.: 6.700 min
Delta R.T.: -0.001 min
Response: 7941726
Conc: 1.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



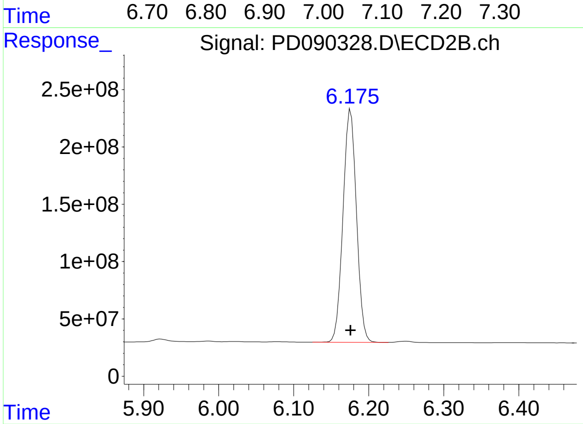
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 33060824
Conc: 1.02 ng/ml



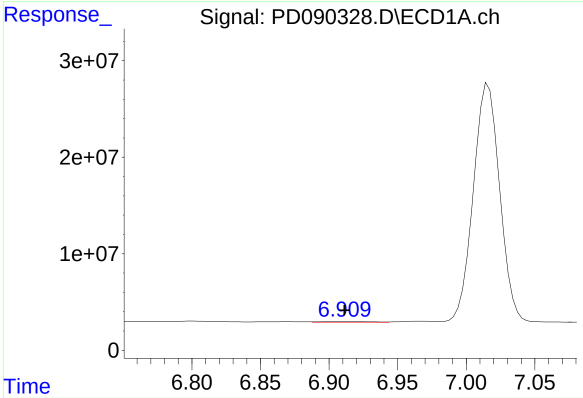
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 332607789
Conc: 74.70 ng/ml



#17 4,4'-DDT

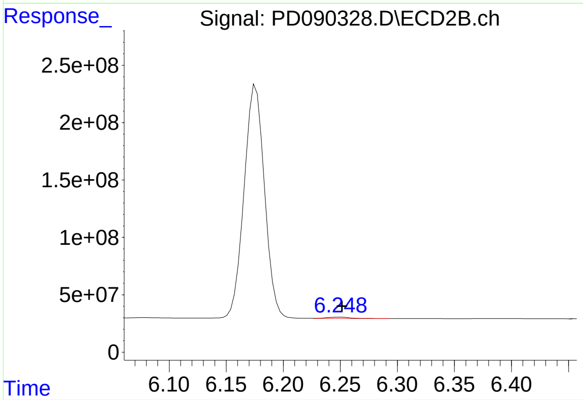
R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 2537873822
Conc: 73.82 ng/ml



#18 Endrin aldehyde

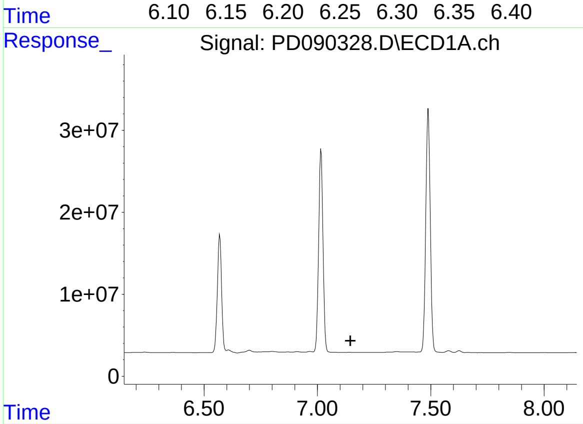
R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 2779094
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



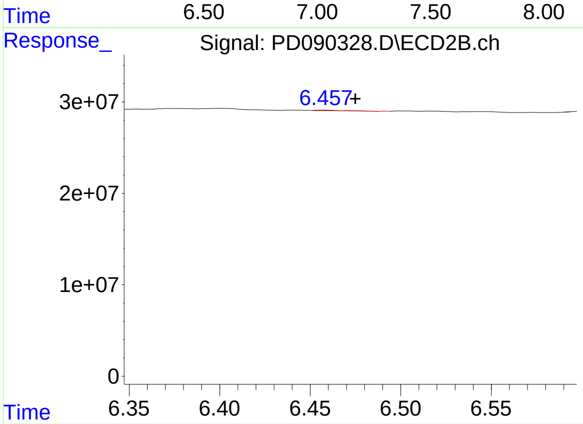
#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 15992667
Conc: 0.68 ng/ml



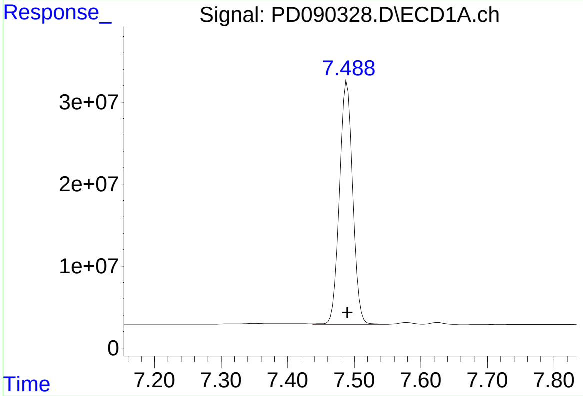
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.



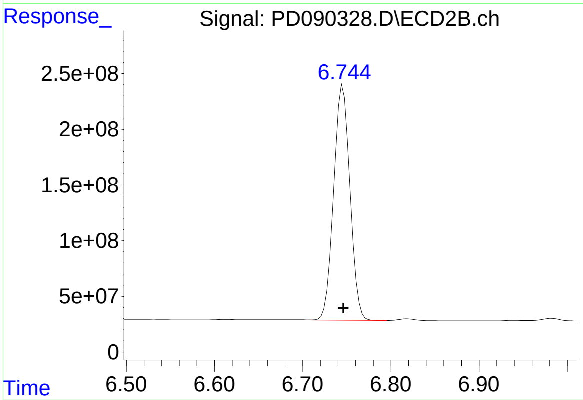
#19 Endosulfan Sulfate

R.T.: 6.458 min
Delta R.T.: -0.017 min
Response: 549173
Conc: 0.02 ng/ml

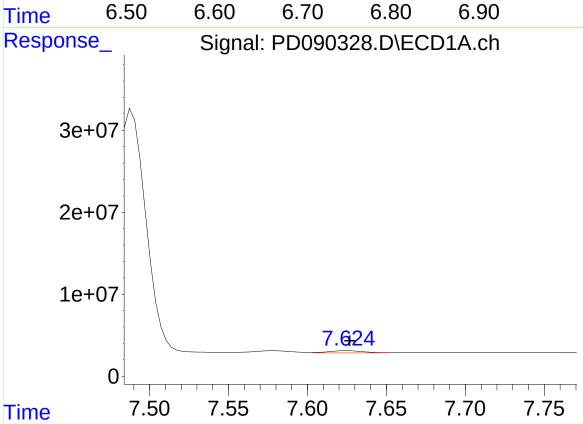



```
#20  Methoxychlor

      R.T.:     7.489 min
Delta R.T.:     0.000 min
  Response: 411259807
      Conc: 174.52 ng/ml
```

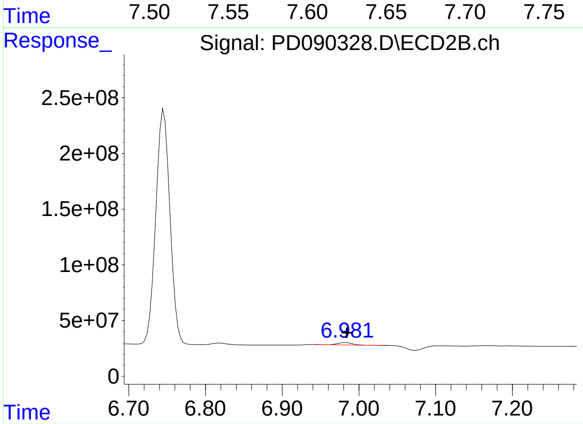
Instrument :
ECD_D
ClientSampleId :



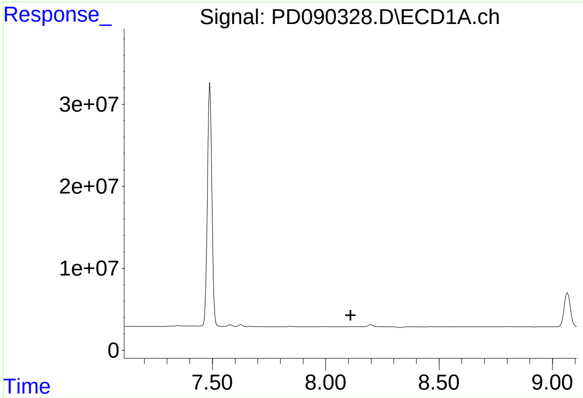

```
#20  Methoxychlor

      R.T.:     6.746 min
Delta R.T.:     0.000 min
  Response: 2707341456
      Conc: 155.59 ng/ml
```




```
#21  Endrin ketone

      R.T.:     7.626 min
Delta R.T.:    -0.001 min
  Response:   4094699
      Conc:    0.83 ng/ml
```



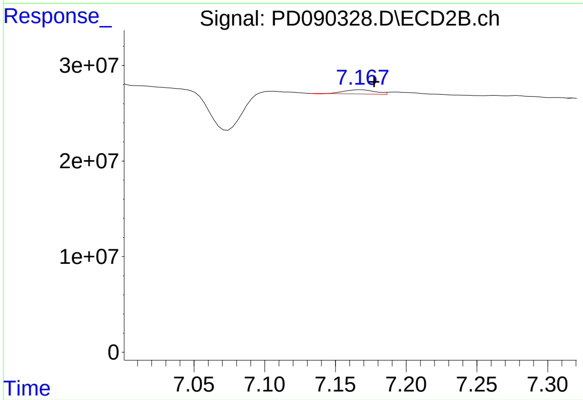

```
#21  Endrin ketone

      R.T.:     6.983 min
Delta R.T.:    -0.002 min
  Response:  28312994
      Conc:    0.78 ng/ml
```



#22 Mirex

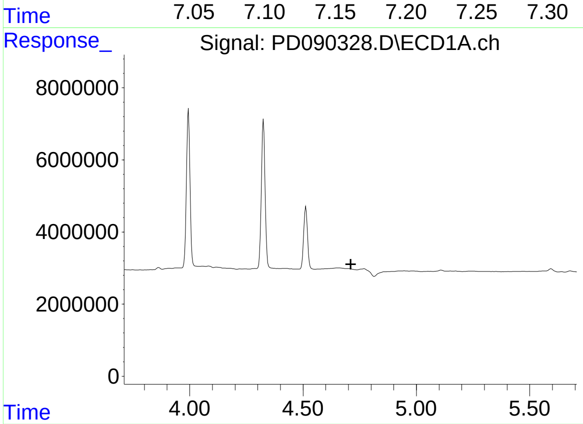
R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



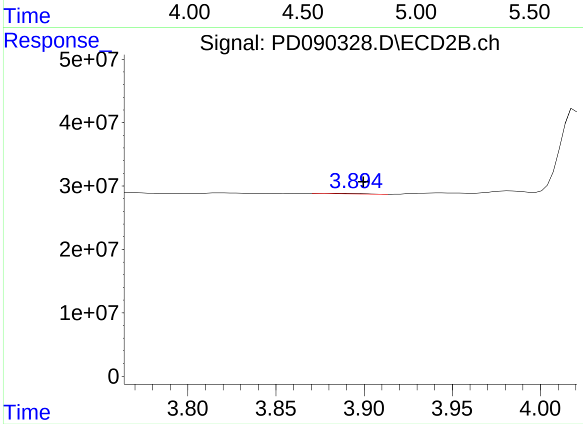
#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.009 min
Response: 6652858
Conc: 0.24 ng/ml



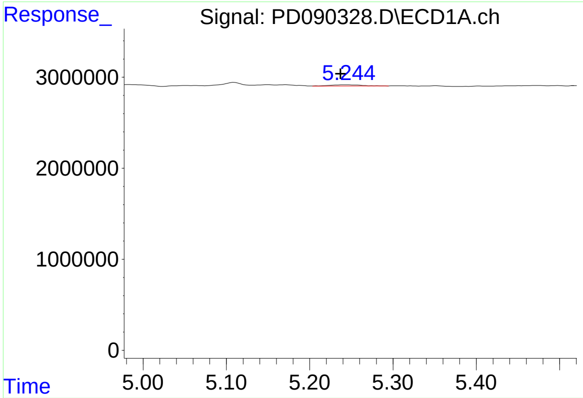
#23 Chlordane-1

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



#23 Chlordane-1

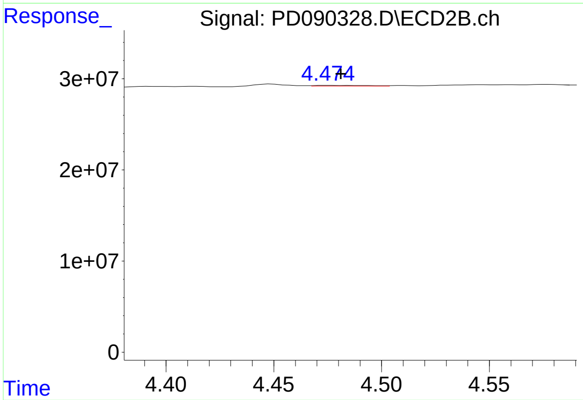
R.T.: 3.895 min
Delta R.T.: -0.005 min
Response: 1313054
Conc: 1.09 ng/ml



#24 Chlordane-2

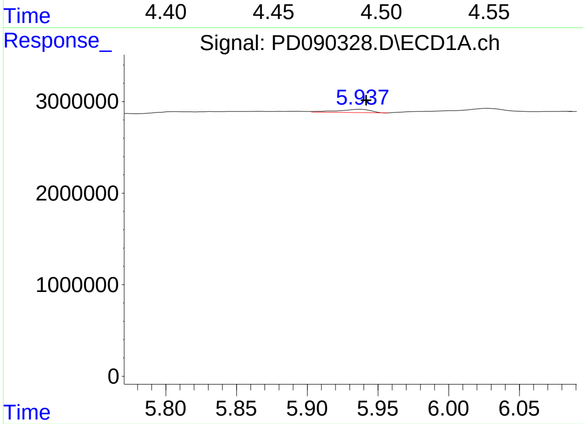
R.T.: 5.245 min
Delta R.T.: 0.008 min
Response: 320635
Conc: 1.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



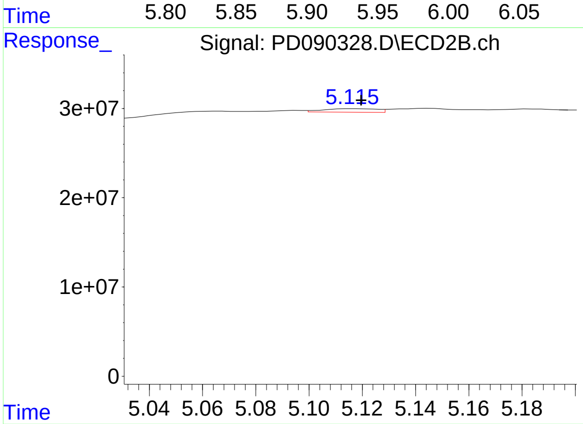
#24 Chlordane-2

R.T.: 4.476 min
Delta R.T.: -0.005 min
Response: 1521013
Conc: 1.22 ng/ml



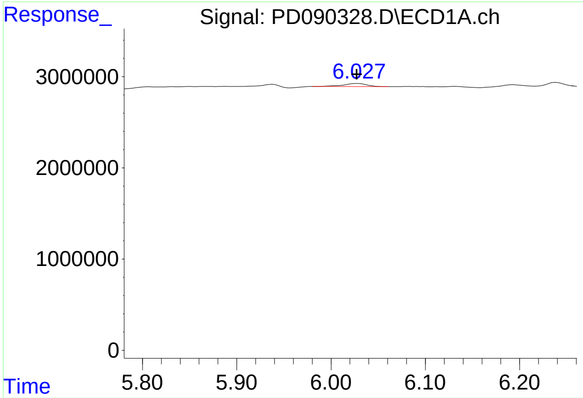
#25 Chlordane-3

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 592841
Conc: 0.71 ng/ml



#25 Chlordane-3

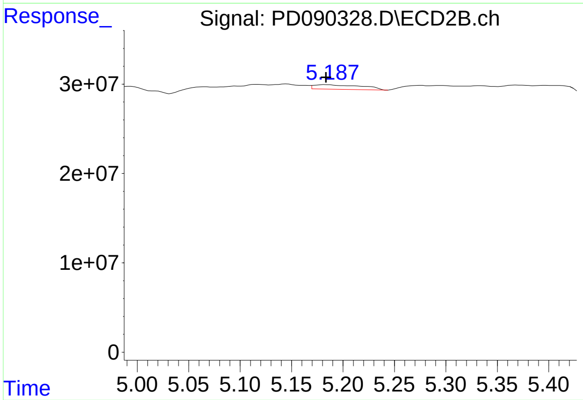
R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 5496360
Conc: 1.45 ng/ml



#26 Chlordane-4

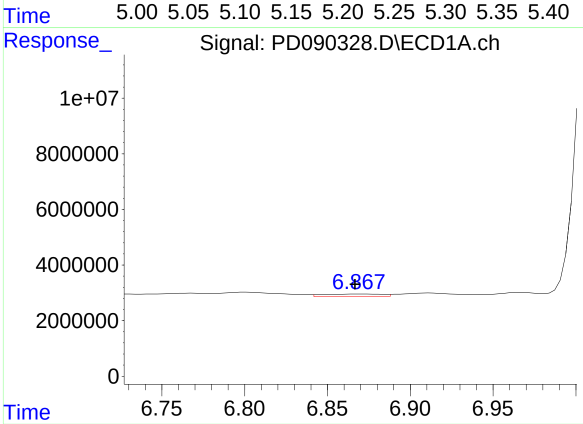
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 626720
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



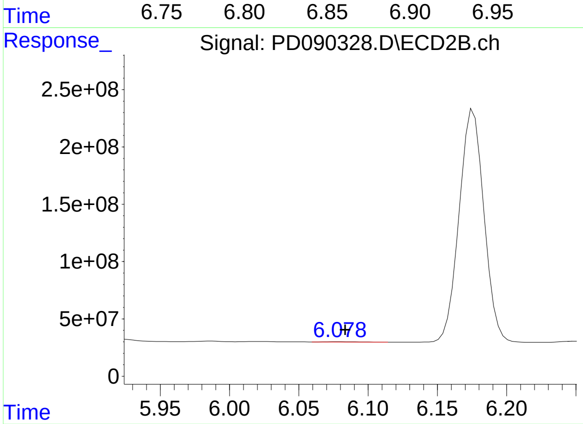
#26 Chlordane-4

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 16643667
Conc: 5.11 ng/ml



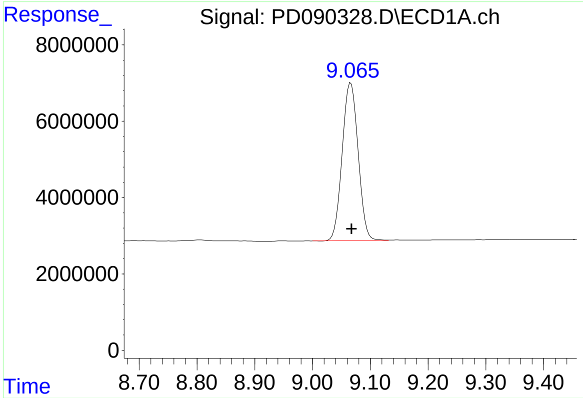
#27 Chlordane-5

R.T.: 6.869 min
Delta R.T.: 0.003 min
Response: 2151529
Conc: 12.08 ng/ml



#27 Chlordane-5

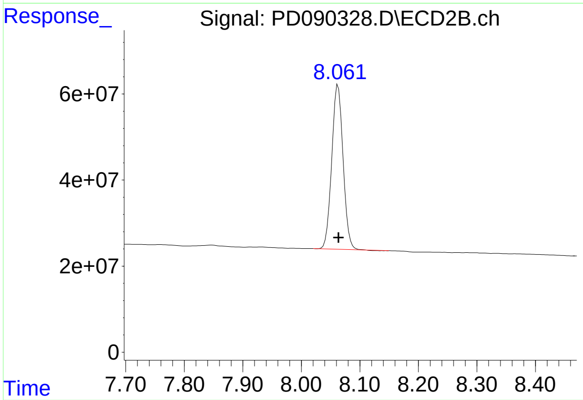
R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 4133820
Conc: 2.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 79104389
Conc: 16.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 512786466
Conc: 15.82 ng/ml