Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:00
Operator : AR\AJ
Sample : Q1842-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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...	3.552	2.883	35464326	264.4E6	17.755	18.082	
28)	SA	Decachlor...	9.078	8.077	48252172	188.4E6	14.586	10.198	#
		Target Compounds							
2)	A	alpha-BHC	0.000	3.388	0	1874462	N.D.	0.082	#
3)	MA	gamma-BHC...	4.302f	3.737	25400881	11752009	6.066	0.546	#
4)	MA	Heptachlor	4.946	4.078	2333227	9216594	0.578	0.431	#
5)	MB	Aldrin	5.257f	4.375	747800	4533006	0.189	0.218	
6)	B	beta-BHC	4.494f	4.043	5417266	22614229	3.337	2.444	#
7)	B	delta-BHC	4.780	4.278	6406585	5217309	1.553	0.245	#
8)	B	Heptachlo...	5.688	4.872	672825	3312079	0.188	0.175	
9)	A	Endosulfan I	6.099f	5.272f	7177713	60484490	2.125	3.358	#
10)	B	gamma-Chl...	5.945	5.155f	1653320	101.7E6	0.456	5.012	#
11)	B	alpha-Chl...	6.037	5.196	6348426	65016880	1.759	3.317	#
12)	B	4,4'-DDE	6.200	5.380	3028767	29085033	0.918	1.477	#
13)	MA	Dieldrin	6.351	5.515	194083	78570713	0.054	3.942	#
14)	MA	Endrin	6.578	0.000	1345568	0	0.451	N.D.	#
15)	B	Endosulfa...	0.000	6.075	0	18464789	N.D.	1.054	#
17)	MA	4,4'-DDT	7.021	6.185	4617351	61911828	1.662	3.638	#
18)	B	Endrin al...	0.000	6.282f	0	5687968	N.D.	0.428	#
19)	B	Endosulfa...	7.150	6.485	-209284	20042341	N.D.	1.170	
20)	A	Methoxychlor	0.000	6.740f	0	21256256	N.D.	2.330	#
21)	B	Endrin ke...	0.000	6.990	0	12262630	N.D.	0.656	#
23)		Chlordane-1	4.690f	3.903	2388277	38952862	14.375	48.588	#
24)		Chlordane-2	5.257	4.507	747800	1385539	4.491	1.679	#
25)		Chlordane-3	5.945	5.155f	1653320	101.7E6	2.451	40.221	#
26)		Chlordane-4	6.037	5.196	6348426	65016880	7.786	30.408	#
27)		Chlordane-5	0.000	6.103	0	5529323	N.D.	5.727	#

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

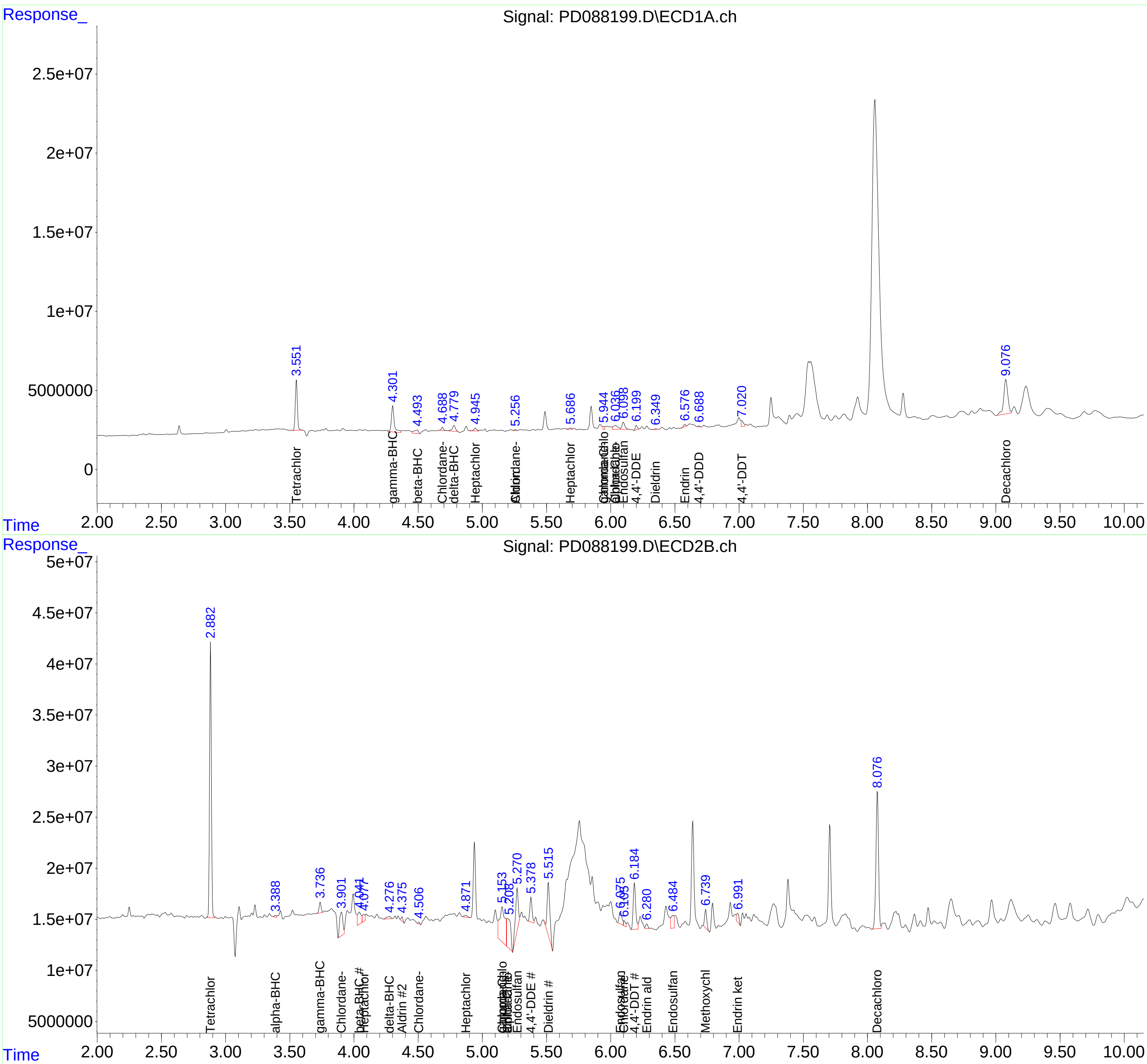
Quantitation Report (Not Reviewed)

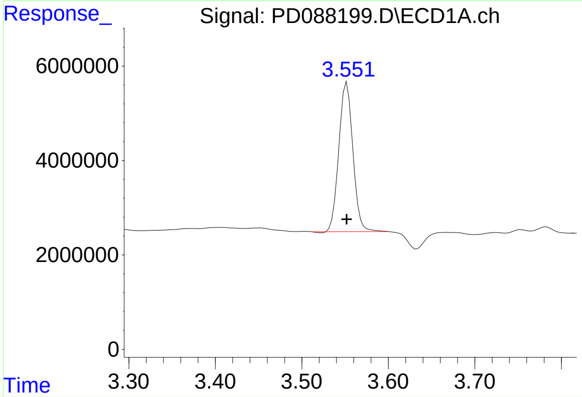
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:00
Operator : AR\AJ
Sample : Q1842-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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

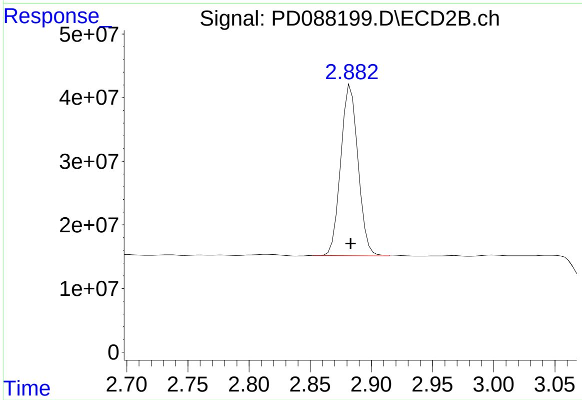




#1 Tetrachloro-m-xylene

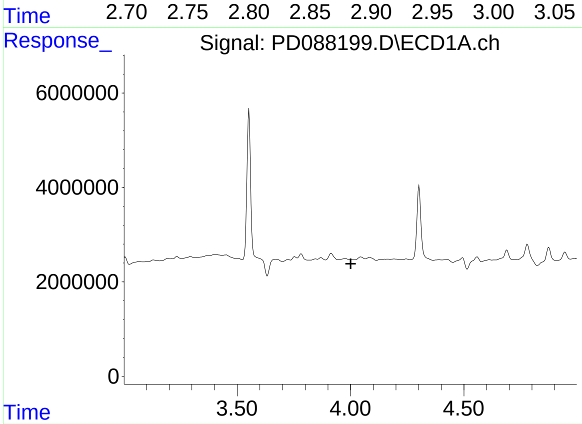
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 35464326
Conc: 17.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



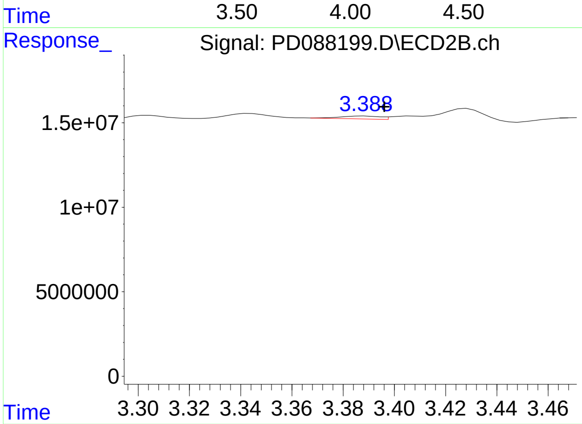
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 264382395
Conc: 18.08 ng/ml



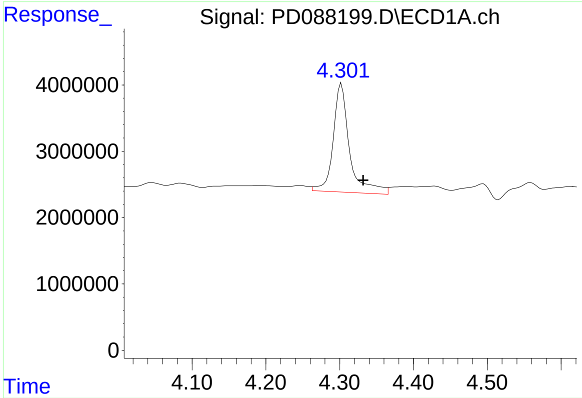
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#2 alpha-BHC

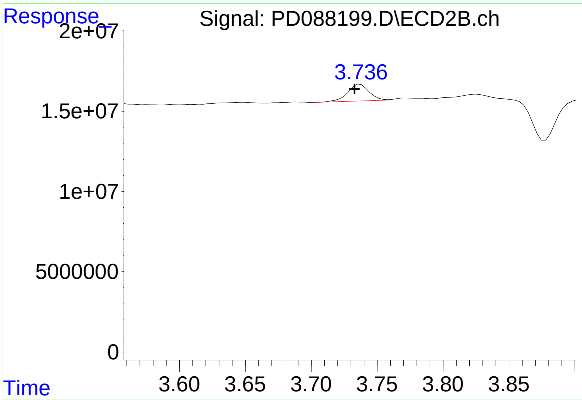
R.T.: 3.388 min
Delta R.T.: -0.008 min
Response: 1874462
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

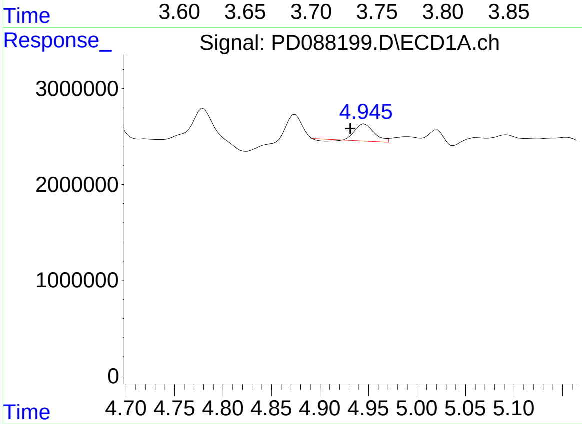
```
      R.T.:    4.302 min
Delta R.T.:   -0.029 min
  Response:   25400881
      Conc:    6.07 ng/ml
```

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



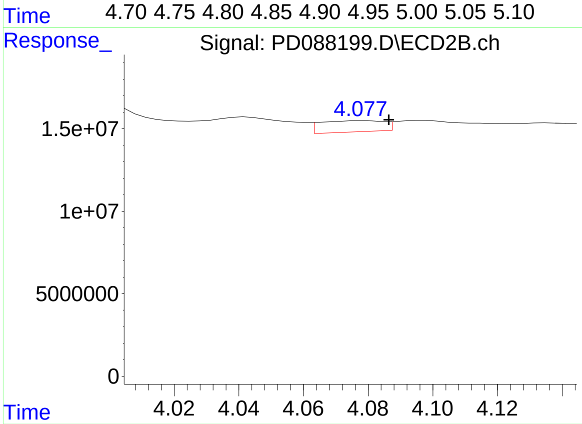
#3 gamma-BHC (Lindane)

```
      R.T.:    3.737 min
Delta R.T.:    0.004 min
  Response:   11752009
      Conc:    0.55 ng/ml
```



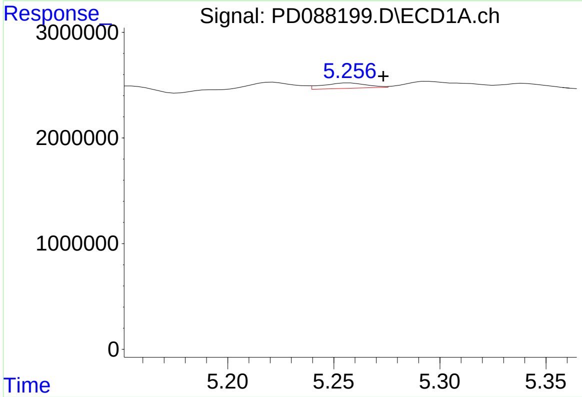
#4 Heptachlor

```
      R.T.:    4.946 min
Delta R.T.:    0.015 min
  Response:    2333227
      Conc:    0.58 ng/ml
```



#4 Heptachlor

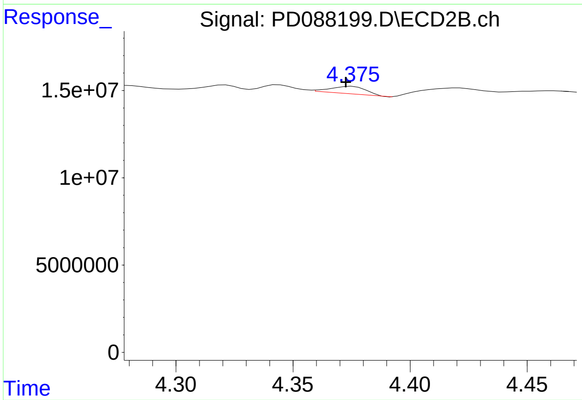
```
      R.T.:    4.078 min
Delta R.T.:   -0.008 min
  Response:    9216594
      Conc:    0.43 ng/ml
```



#5 Aldrin

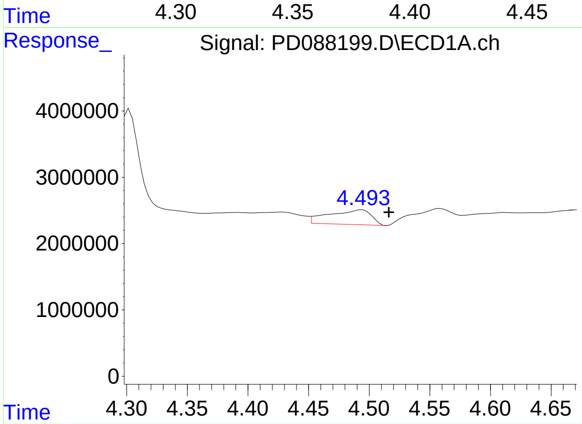
R.T.: 5.257 min
Delta R.T.: -0.016 min
Response: 747800
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



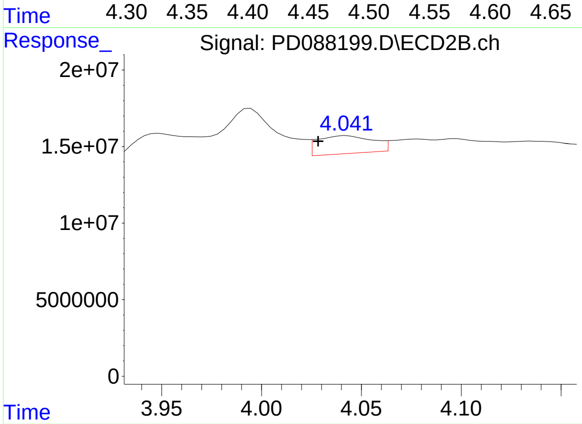
#5 Aldrin

R.T.: 4.375 min
Delta R.T.: 0.002 min
Response: 4533006
Conc: 0.22 ng/ml



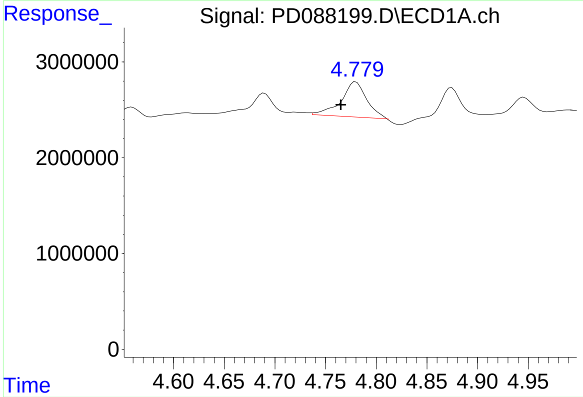
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.022 min
Response: 5417266
Conc: 3.34 ng/ml



#6 beta-BHC

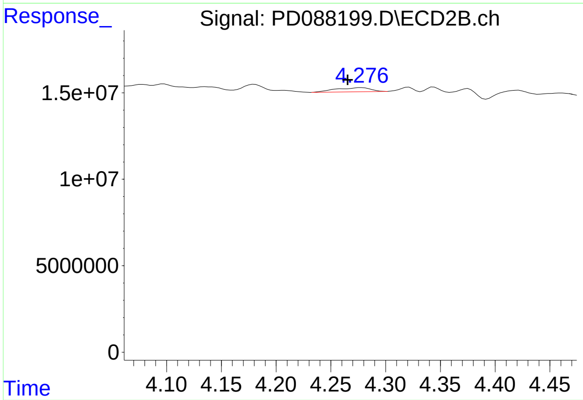
R.T.: 4.043 min
Delta R.T.: 0.014 min
Response: 22614229
Conc: 2.44 ng/ml



#7 delta-BHC

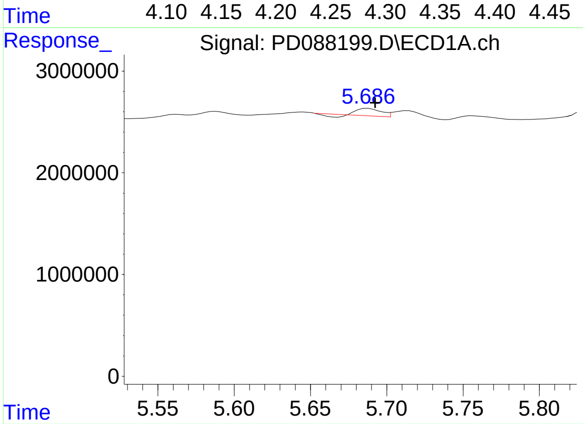
R.T.: 4.780 min
Delta R.T.: 0.015 min
Response: 6406585
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



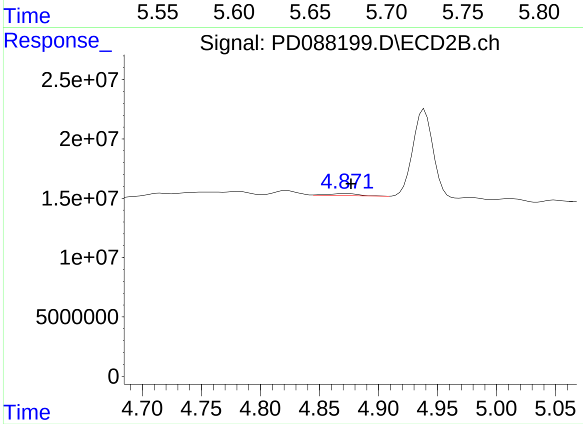
#7 delta-BHC

R.T.: 4.278 min
Delta R.T.: 0.012 min
Response: 5217309
Conc: 0.25 ng/ml



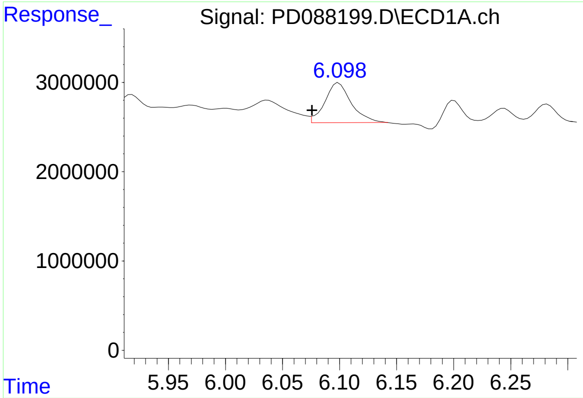
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 672825
Conc: 0.19 ng/ml



#8 Heptachlor epoxide

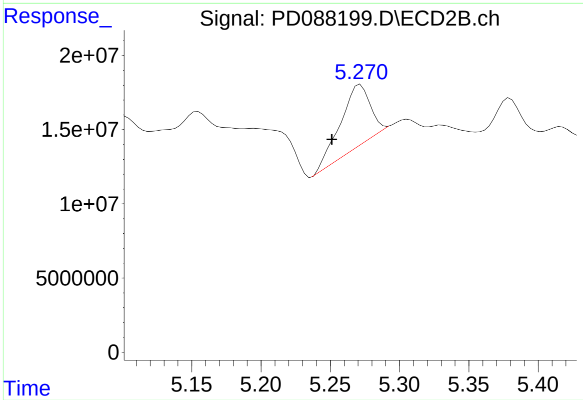
R.T.: 4.872 min
Delta R.T.: -0.004 min
Response: 3312079
Conc: 0.18 ng/ml



#9 Endosulfan I

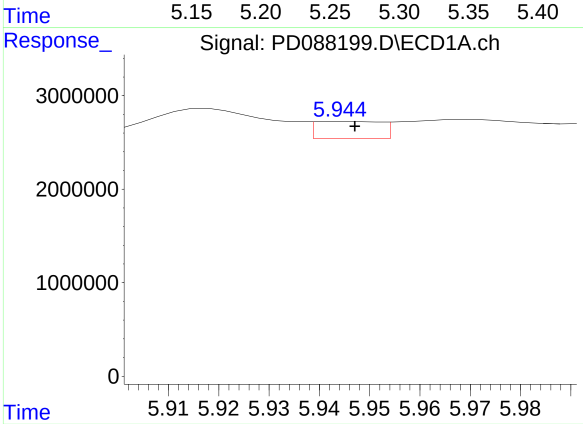
R.T.: 6.099 min
Delta R.T.: 0.023 min
Response: 7177713
Conc: 2.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



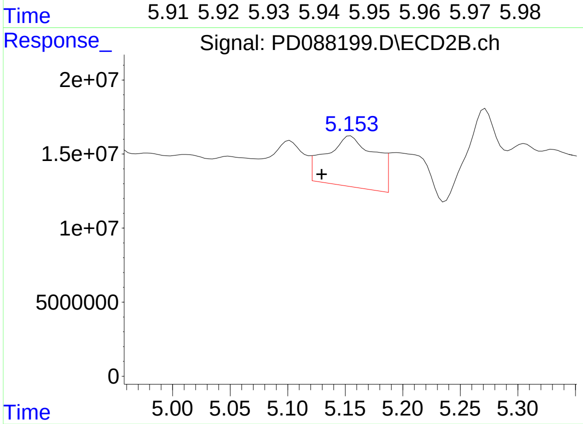
#9 Endosulfan I

R.T.: 5.272 min
Delta R.T.: 0.021 min
Response: 60484490
Conc: 3.36 ng/ml



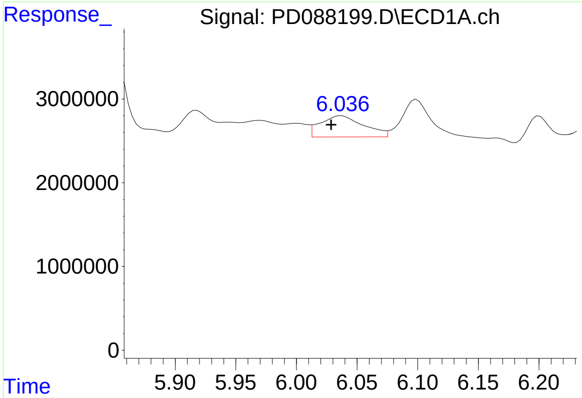
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 1653320
Conc: 0.46 ng/ml



#10 gamma-Chlordane

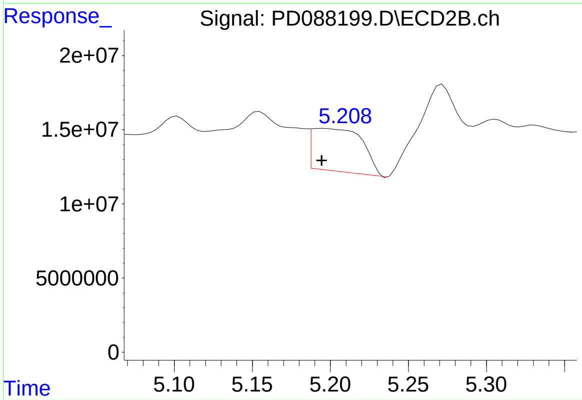
R.T.: 5.155 min
Delta R.T.: 0.025 min
Response: 101719599
Conc: 5.01 ng/ml



#11 alpha-Chlordane

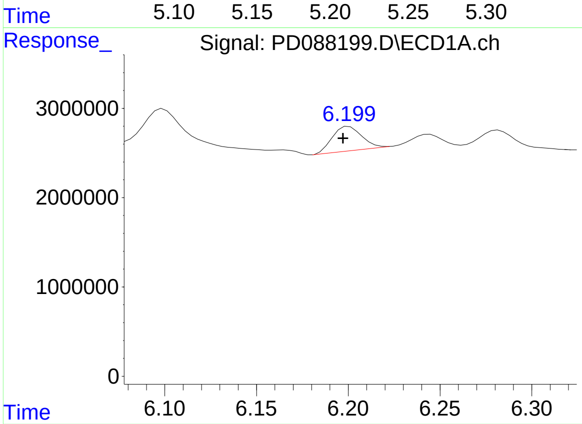
R.T.: 6.037 min
Delta R.T.: 0.009 min
Response: 6348426
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



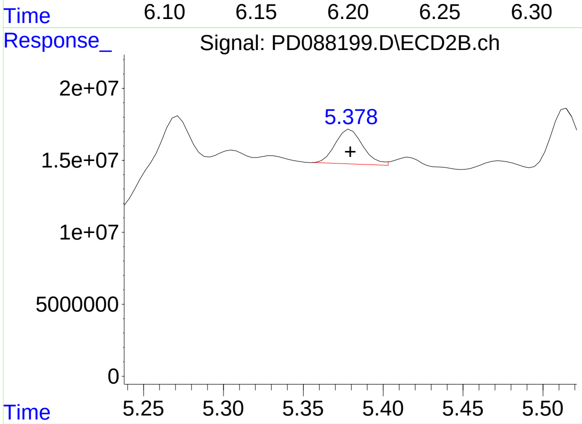
#11 alpha-Chlordane

R.T.: 5.196 min
Delta R.T.: 0.001 min
Response: 65016880
Conc: 3.32 ng/ml



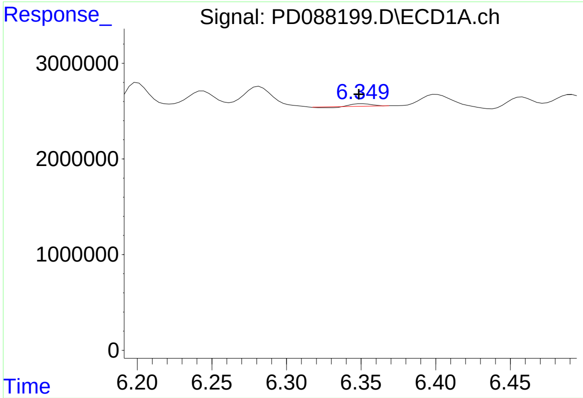
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 3028767
Conc: 0.92 ng/ml



#12 4,4'-DDE

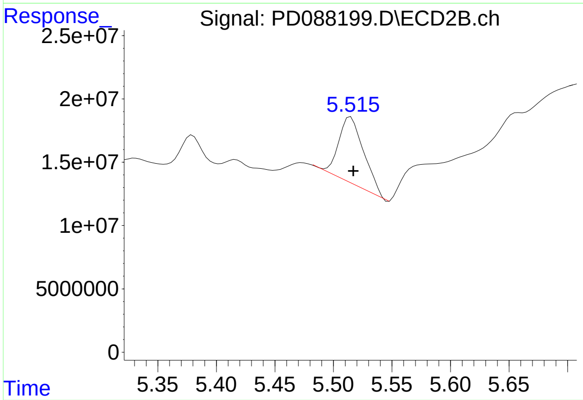
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 29085033
Conc: 1.48 ng/ml



#13 Dieldrin

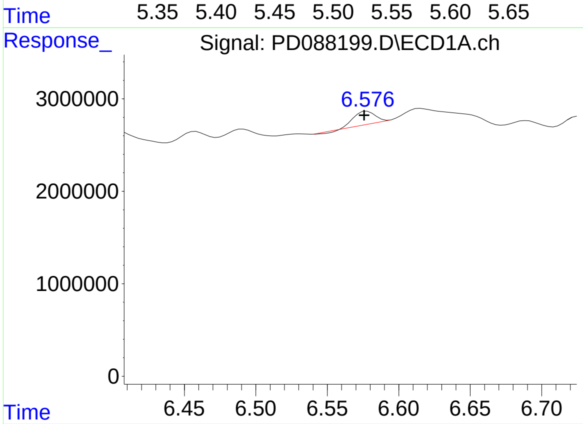
R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 194083
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



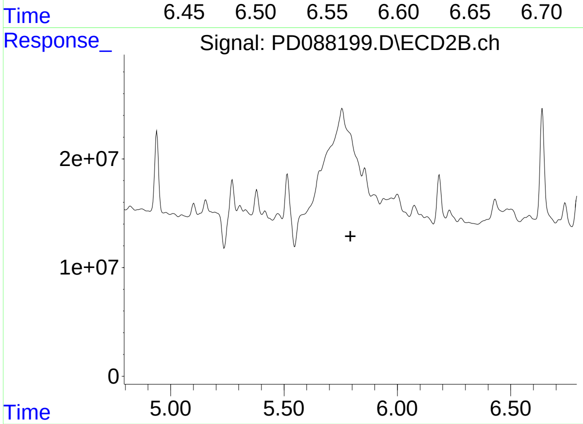
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 78570713
Conc: 3.94 ng/ml



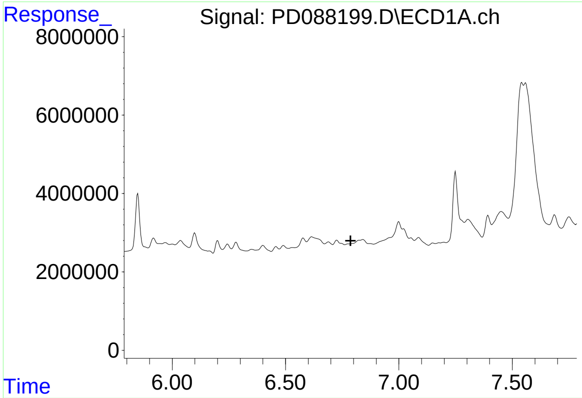
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.002 min
Response: 1345568
Conc: 0.45 ng/ml



#14 Endrin

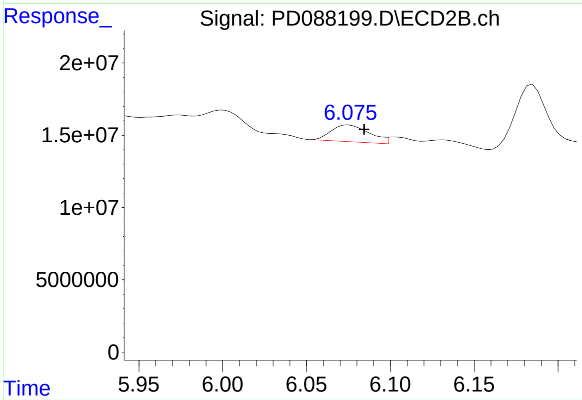
R.T.: 0.000 min
Exp R.T. : 5.793 min
Response: 0
Conc: N.D.



#15 Endosulfan II

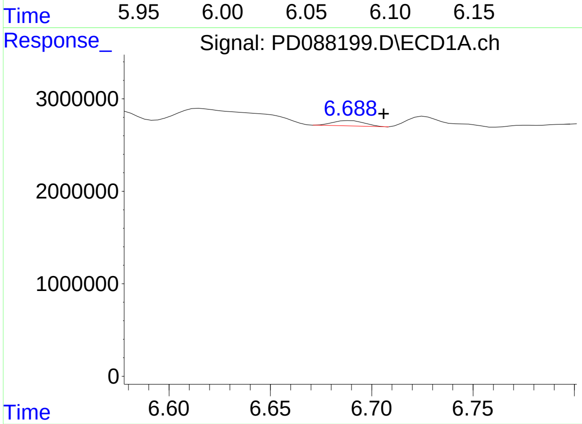
R.T.: 0.000 min
Exp R.T. : 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



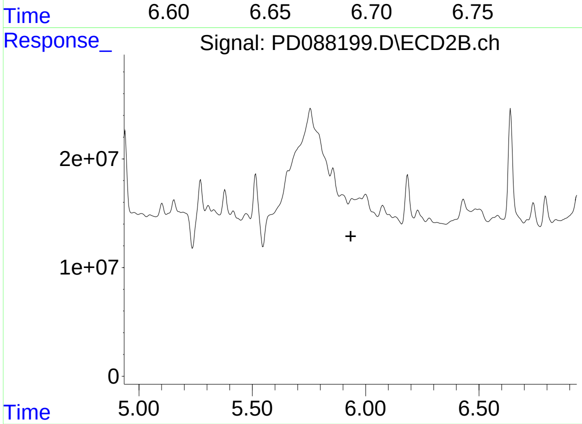
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: -0.009 min
Response: 18464789
Conc: 1.05 ng/ml



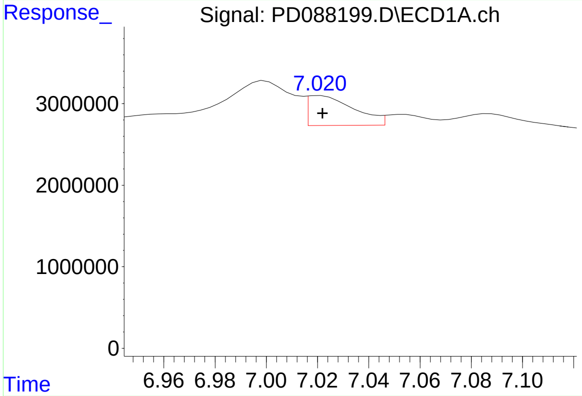
#16 4,4'-DDD

R.T.: 6.690 min
Delta R.T.: -0.016 min
Response: 607305
Conc: 0.24 ng/ml



#16 4,4'-DDD

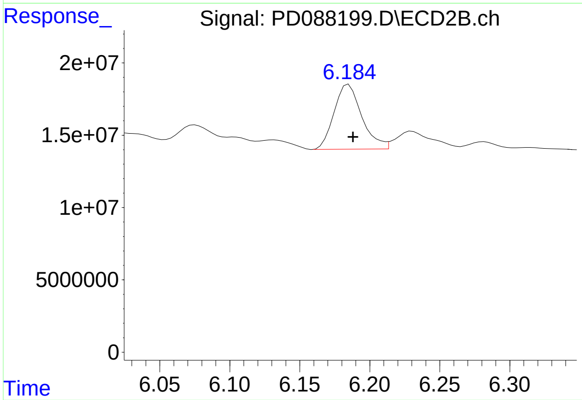
R.T.: 5.940 min
Delta R.T.: 0.006 min
Response: -5314964
Conc: N.D.



#17 4,4'-DDT

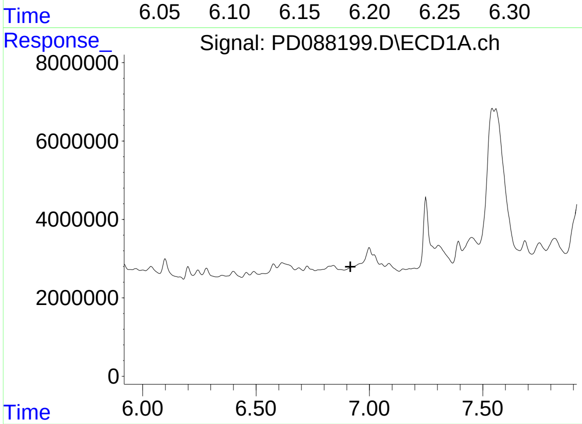
R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 4617351
Conc: 1.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



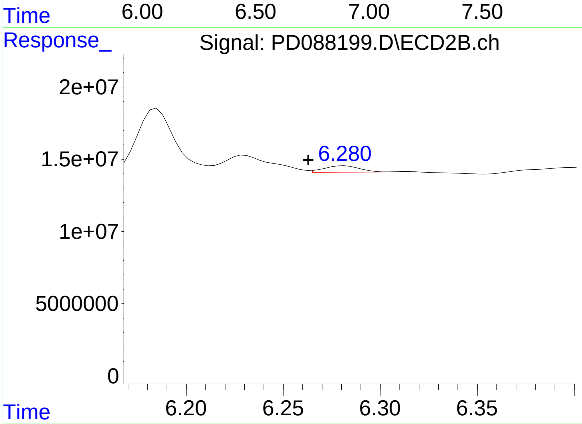
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 61911828
Conc: 3.64 ng/ml



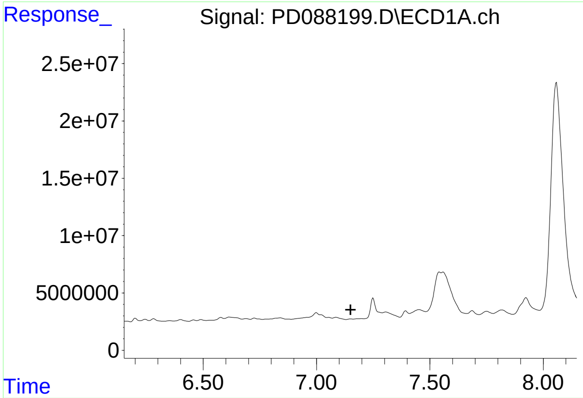
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.916 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

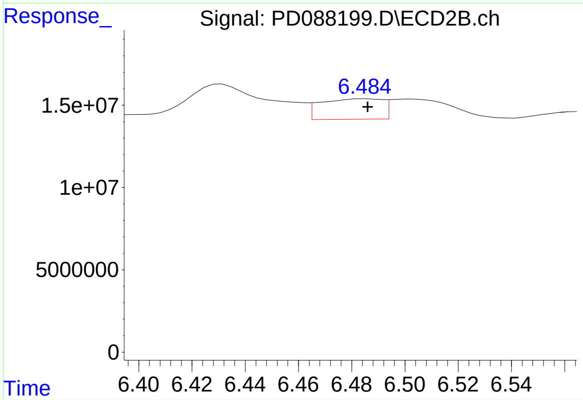
R.T.: 6.282 min
Delta R.T.: 0.019 min
Response: 5687968
Conc: 0.43 ng/ml



#19 Endosulfan Sulfate

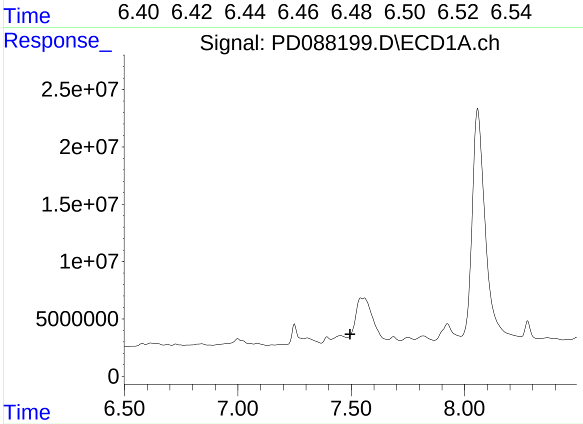
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: -209284
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



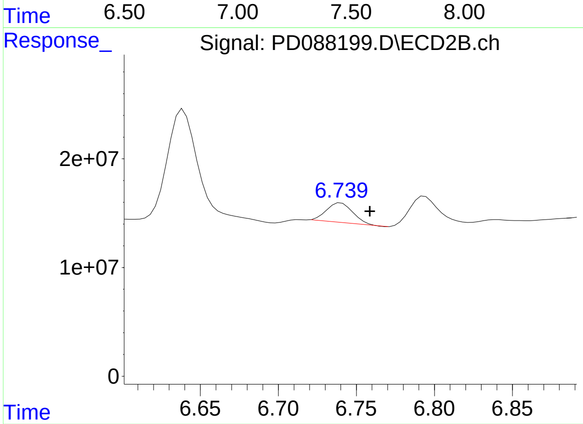
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 20042341
Conc: 1.17 ng/ml



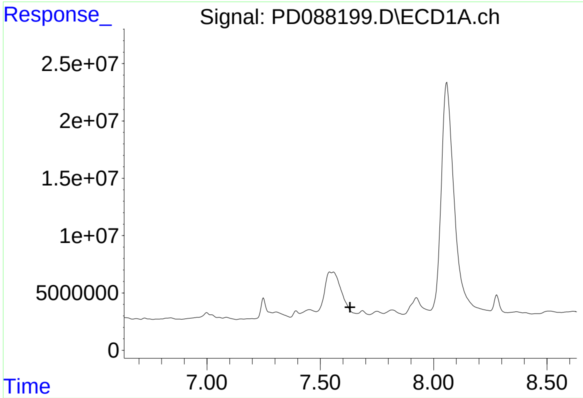
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.495 min
Response: 0
Conc: N.D.



#20 Methoxychlor

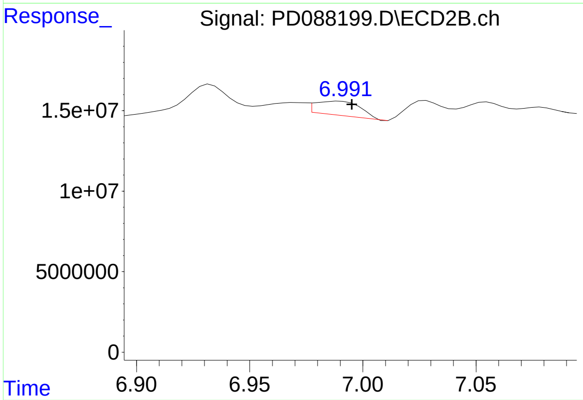
R.T.: 6.740 min
Delta R.T.: -0.018 min
Response: 21256256
Conc: 2.33 ng/ml



#21 Endrin ketone

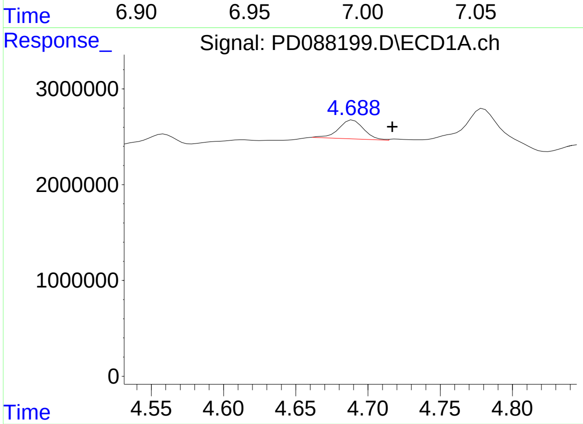
R.T.: 0.000 min
Exp R.T. : 7.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



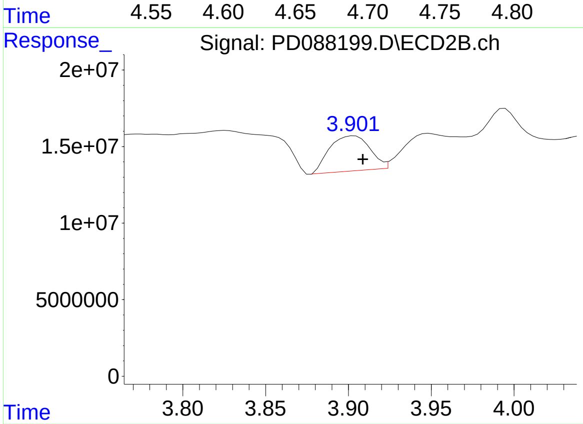
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.006 min
Response: 12262630
Conc: 0.66 ng/ml



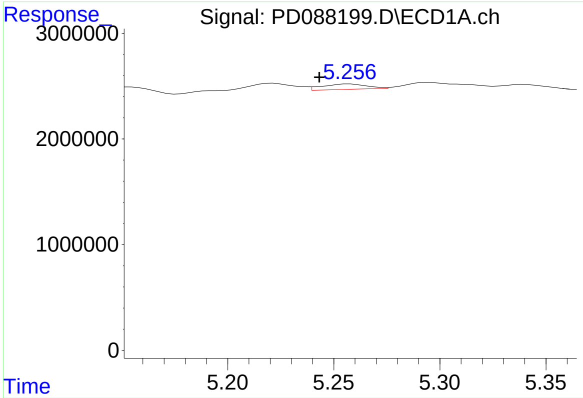
#23 Chlordane-1

R.T.: 4.690 min
Delta R.T.: -0.027 min
Response: 2388277
Conc: 14.37 ng/ml



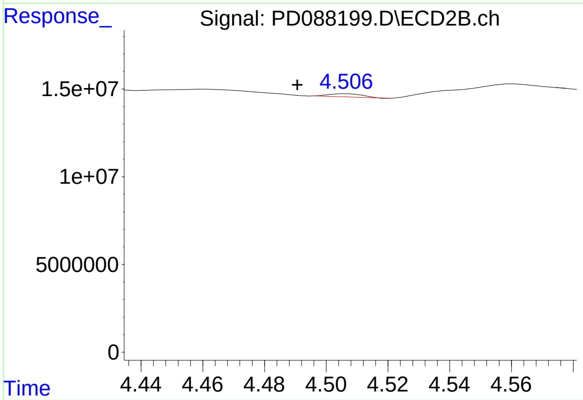
#23 Chlordane-1

R.T.: 3.903 min
Delta R.T.: -0.005 min
Response: 38952862
Conc: 48.59 ng/ml

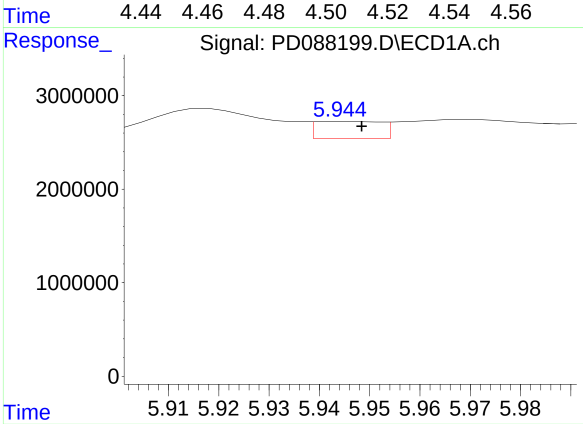



```
#24  Chlordane-2

      R.T.:    5.257 min
Delta R.T.:    0.014 min
  Response:    747800
      Conc:   4.49 ng/ml
```

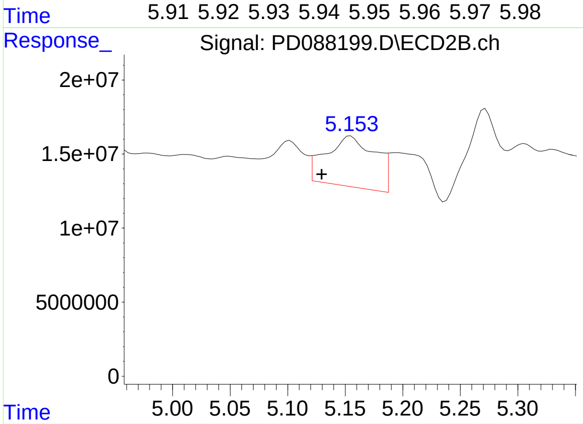
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



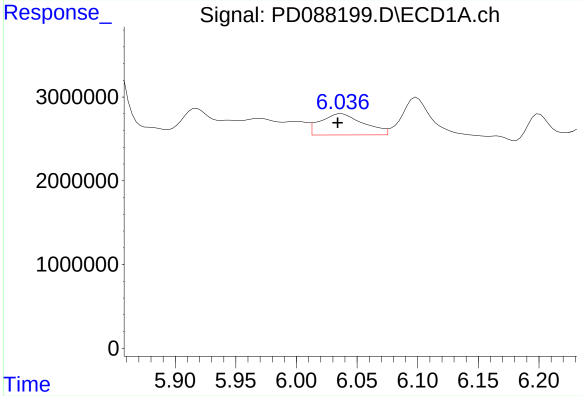

```
#24  Chlordane-2

      R.T.:    4.507 min
Delta R.T.:    0.016 min
  Response:   1385539
      Conc:   1.68 ng/ml
```




```
#25  Chlordane-3

      R.T.:    5.945 min
Delta R.T.:   -0.003 min
  Response:   1653320
      Conc:   2.45 ng/ml
```



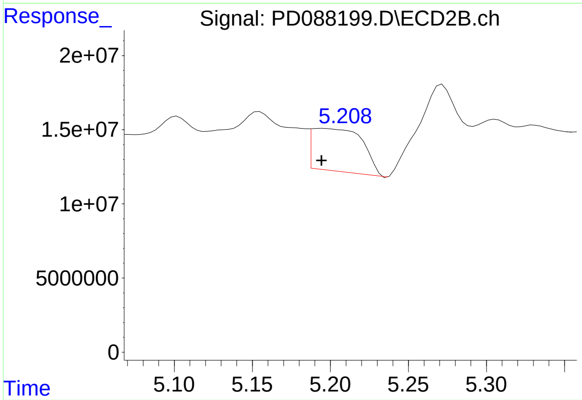

```
#25  Chlordane-3

      R.T.:    5.155 min
Delta R.T.:    0.025 min
  Response: 101719599
      Conc:  40.22 ng/ml
```



#26 Chlordane-4

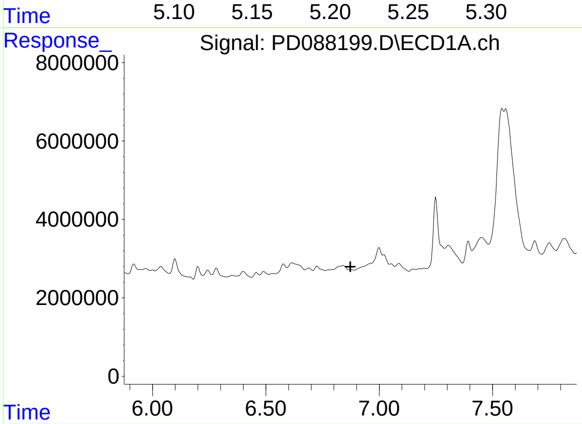
R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 6348426
Conc: 7.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



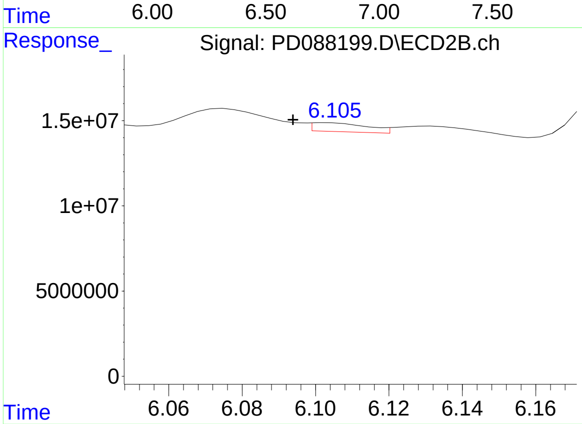
#26 Chlordane-4

R.T.: 5.196 min
Delta R.T.: 0.001 min
Response: 65016880
Conc: 30.41 ng/ml



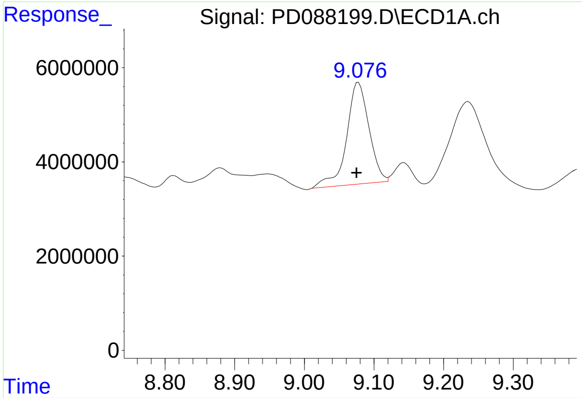
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.873 min
Response: 0
Conc: N.D.



#27 Chlordane-5

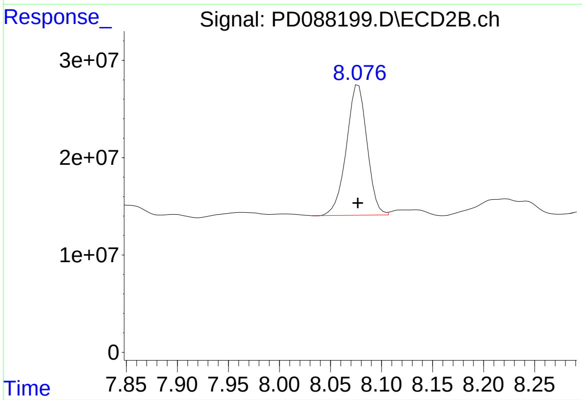
R.T.: 6.103 min
Delta R.T.: 0.009 min
Response: 5529323
Conc: 5.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.003 min
Response: 48252172
Conc: 14.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 188445950
Conc: 10.20 ng/ml