Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081424\
Data File : PL091099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2024 03:39
Operator : AR\AJ
Sample : P3519-13
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 08:14:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.544	2.785	30577340	25351277	14.241	12.987	
28)	SA	Decachlor...	9.054	7.925	6706551	10334027	4.399	5.456	
		Target Compounds							
2)	A	alpha-BHC	4.017f	3.285	4651194	-118001	1.552	N.D.	#
3)	MA	gamma-BHC...	0.000	3.626	0	3026946	N.D.	1.149	#
4)	MA	Heptachlor	4.950f	3.955	7829012	1540886	2.940	0.597	#
5)	MB	Aldrin	5.241f	4.238	2596691	1547671	1.006	0.629	#
7)	B	delta-BHC	0.000	4.149	0	1251669	N.D.	0.494	#
8)	B	Heptachlo...	5.682	4.741	5699854	290895	2.330	0.129	#
9)	A	Endosulfan I	6.063	5.140f	3832142	7157207	1.707	3.392	#
10)	B	gamma-Chl...	5.943	4.990	16551456	6109258	6.850	2.584	#
11)	B	alpha-Chl...	6.025	5.054	12461458	6457195	5.176	2.745	#
12)	B	4,4'-DDE	6.194	5.243	5966969	5568481	2.852	2.665	
13)	MA	Dieldrin	6.347	5.377	3027301	4987083	1.285	2.190	#
14)	MA	Endrin	0.000	5.661	0	5007955	N.D.	2.458	#
15)	B	Endosulfa...	0.000	5.949	0	661847	N.D.	0.342	#
16)	A	4,4'-DDD	0.000	5.799	0	1373229	N.D.	0.832	#
17)	MA	4,4'-DDT	7.026	6.048	2157274	4219334	1.215	2.375	#
18)	B	Endrin al...	0.000	6.111	0	5871004	N.D.	3.769	#
19)	B	Endosulfa...	7.188f	6.335	5441387	516198	2.836	0.268	#
21)	B	Endrin ke...	0.000	6.838	0	205482	N.D.	0.094	#
22)		Mirex	0.000	7.034	0	607253	N.D.	0.325	#
23)		Chlordane-1	0.000	3.785	0	2497577	N.D.	34.259	#
24)		Chlordane-2	5.241	4.364	2596691	1860128	25.574	19.798	
25)		Chlordane-3	5.943	4.990	16551456	6109258	47.654	25.158	#
26)		Chlordane-4	6.025	5.054	12461458	6457195	29.627	27.693	
27)		Chlordane-5	0.000	5.721	0	2850373	N.D.	41.169	#

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

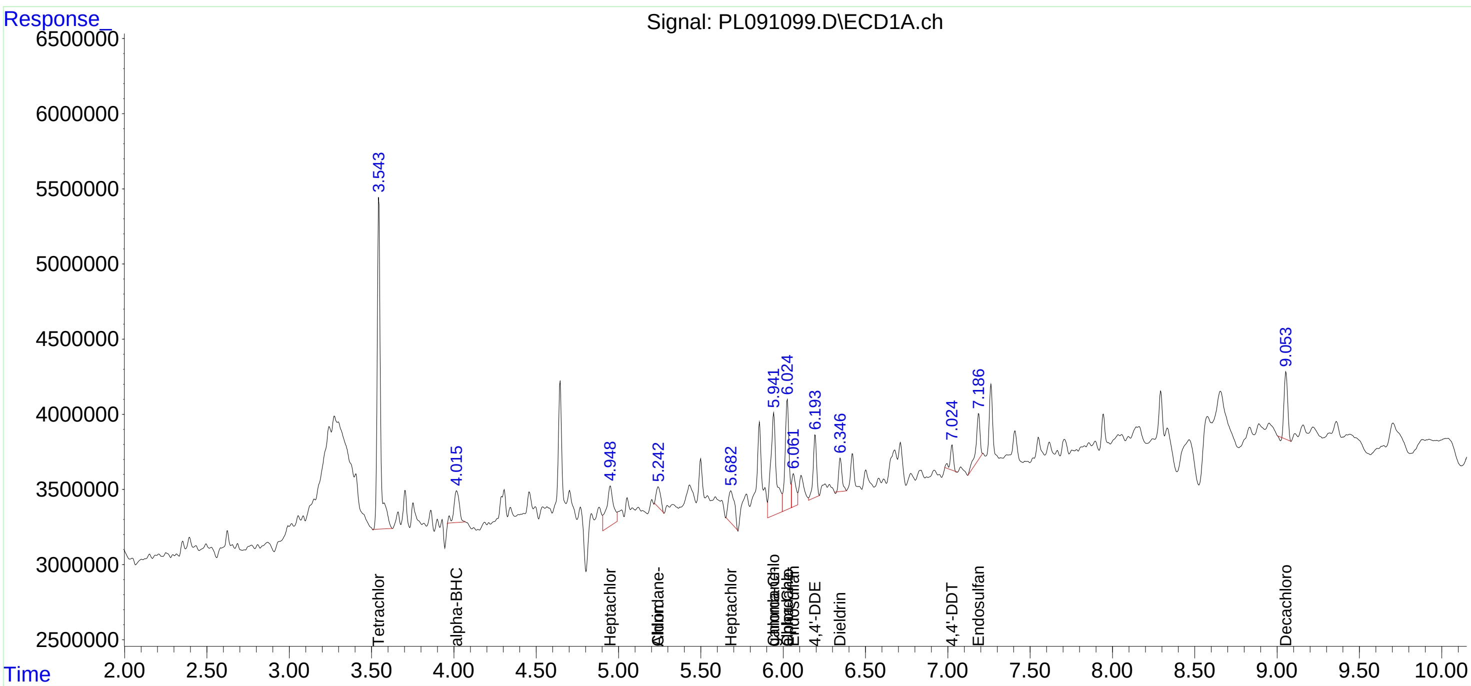
Quantitation Report   (Not Reviewed)

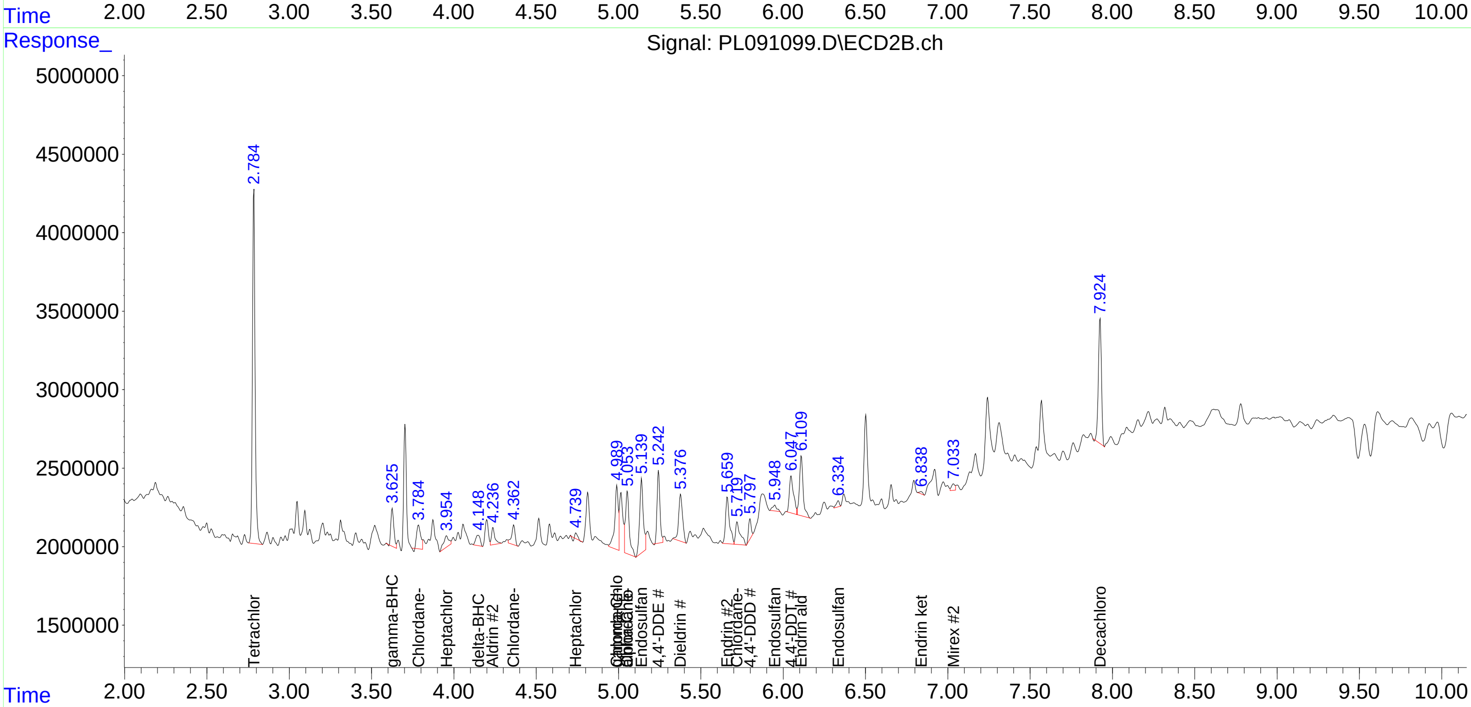
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081424\
Data File : PL091099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 15 Aug 2024 03:39
Operator : AR\AJ
Sample   : P3519-13
Misc   :
ALS Vial : 62   Sample Multiplier: 1

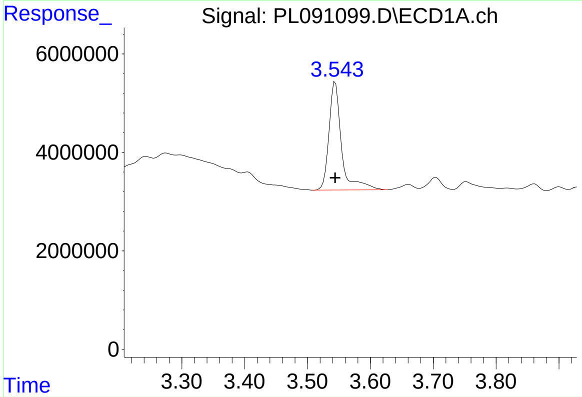
Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 08:14:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



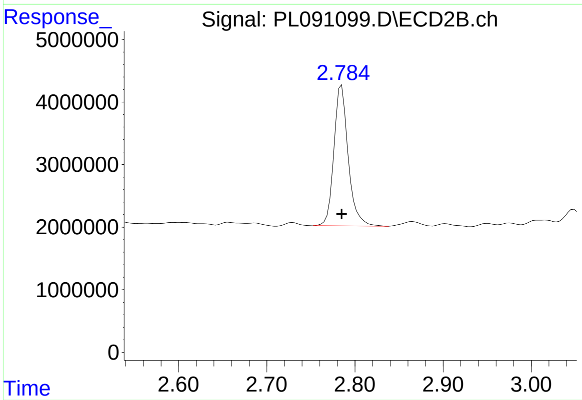




#1 Tetrachloro-m-xylene

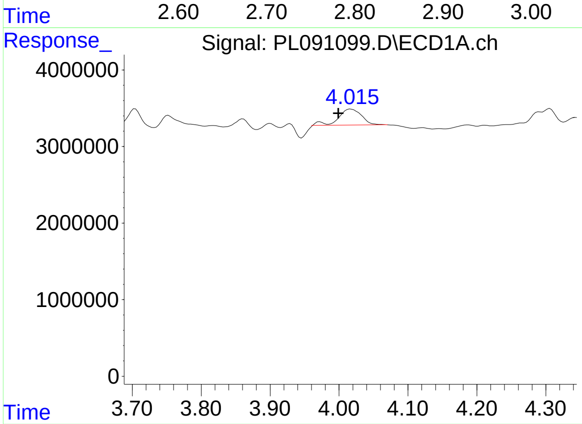
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 30577340
Conc: 14.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



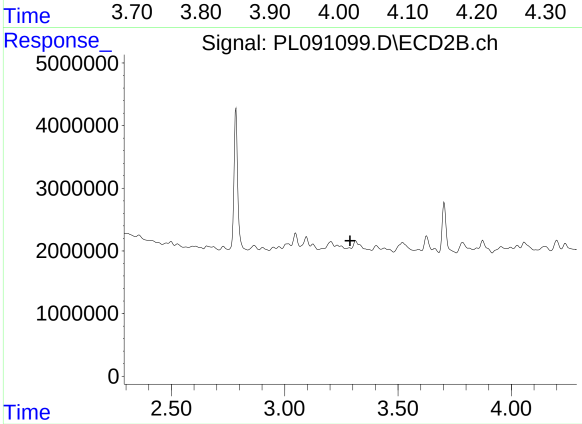
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 25351277
Conc: 12.99 ng/ml



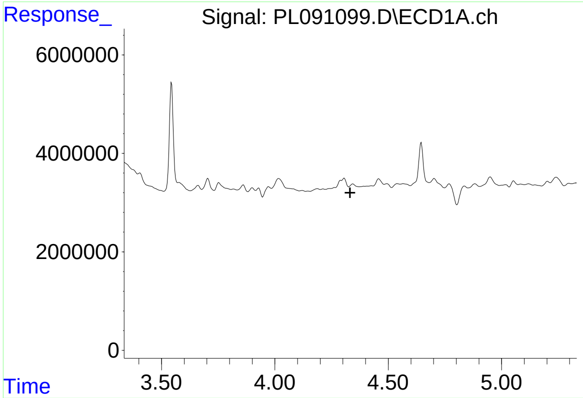
#2 alpha-BHC

R.T.: 4.017 min
Delta R.T.: 0.018 min
Response: 4651194
Conc: 1.55 ng/ml



#2 alpha-BHC

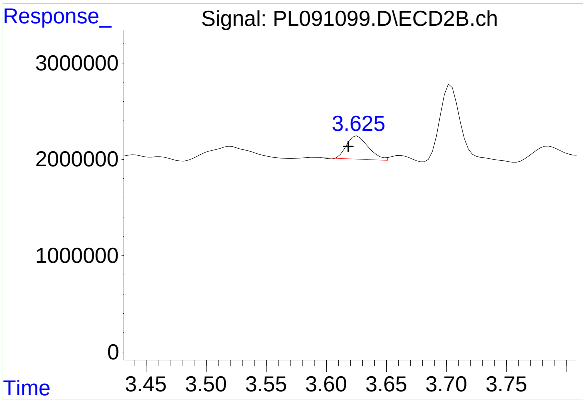
R.T.: 3.285 min
Delta R.T.: -0.003 min
Response: -118001
Conc: N.D.



#3 gamma-BHC (Lindane)

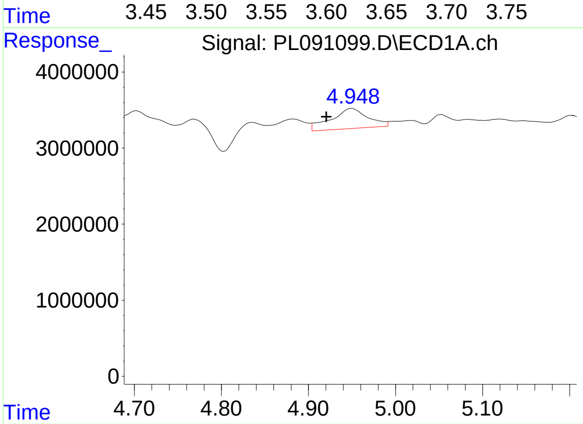
R.T.: 0.000 min
Exp R.T. : 4.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



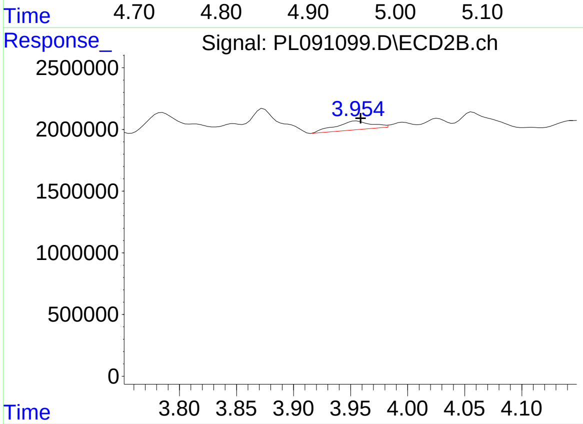
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: 0.008 min
Response: 3026946
Conc: 1.15 ng/ml



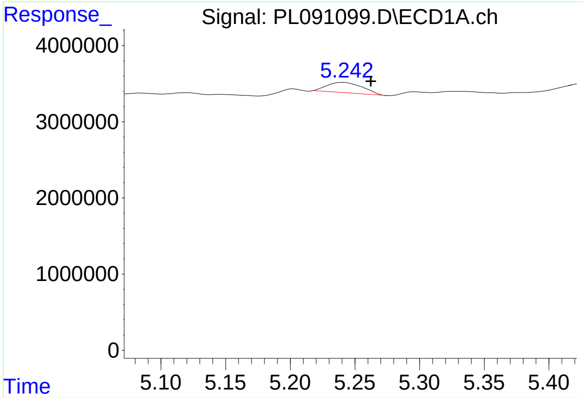
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.030 min
Response: 7829012
Conc: 2.94 ng/ml



#4 Heptachlor

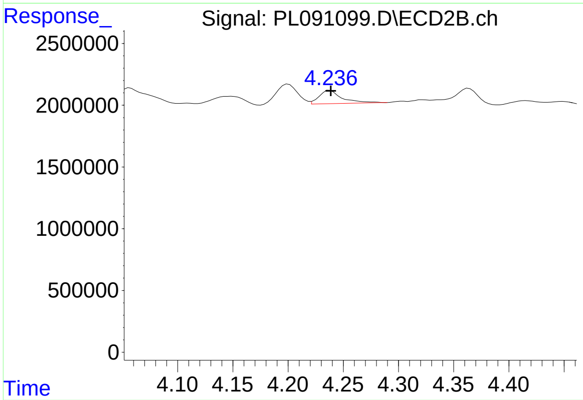
R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 1540886
Conc: 0.60 ng/ml



#5 Aldrin

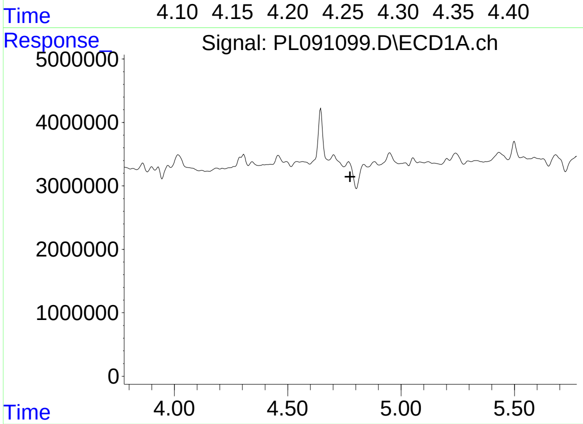
R.T.: 5.241 min
Delta R.T.: -0.021 min
Response: 2596691
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



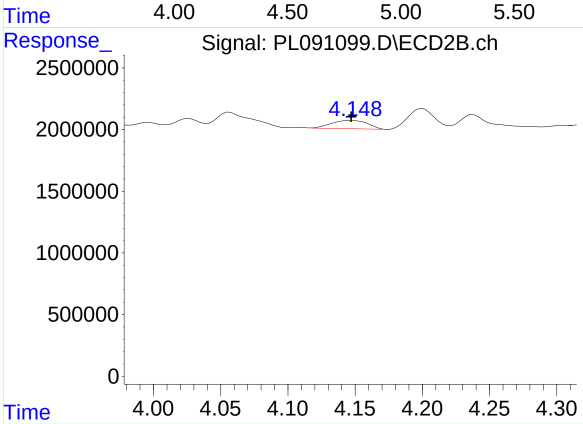
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 1547671
Conc: 0.63 ng/ml



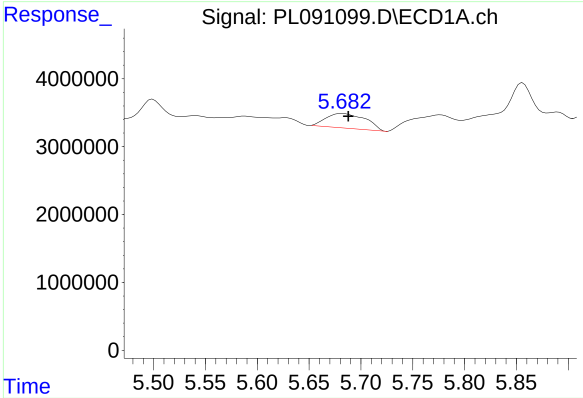
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.775 min
Response: 0
Conc: N.D.



#7 delta-BHC

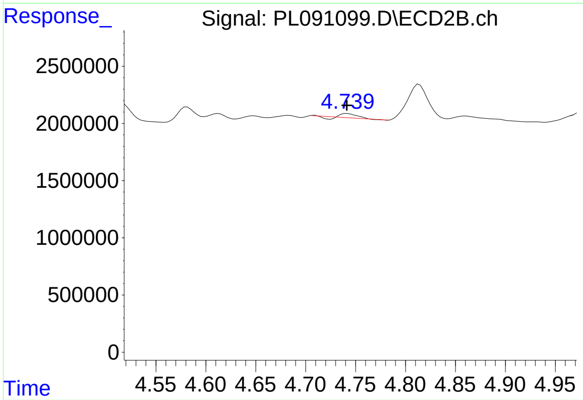
R.T.: 4.149 min
Delta R.T.: 0.002 min
Response: 1251669
Conc: 0.49 ng/ml



#8 Heptachlor epoxide

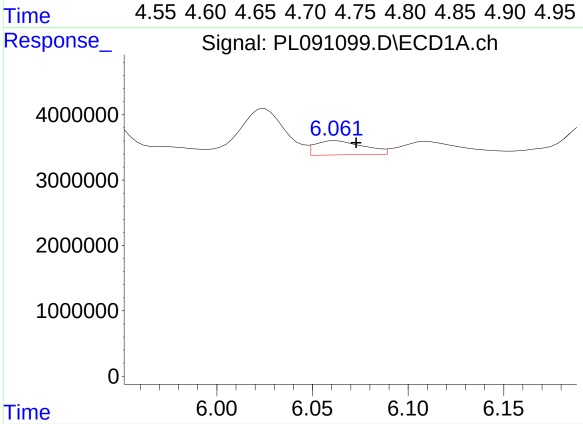
R.T.: 5.682 min
Delta R.T.: -0.005 min
Response: 5699854
Conc: 2.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



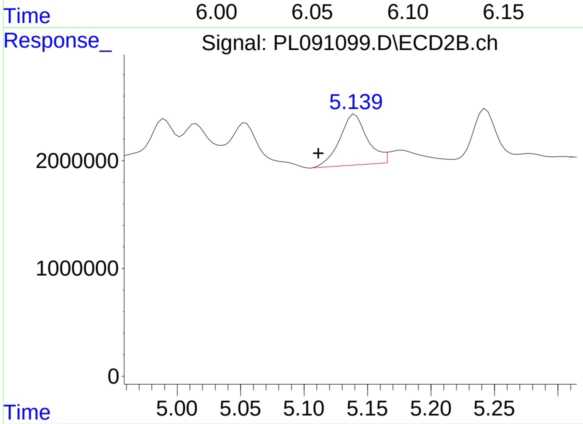
#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 290895
Conc: 0.13 ng/ml



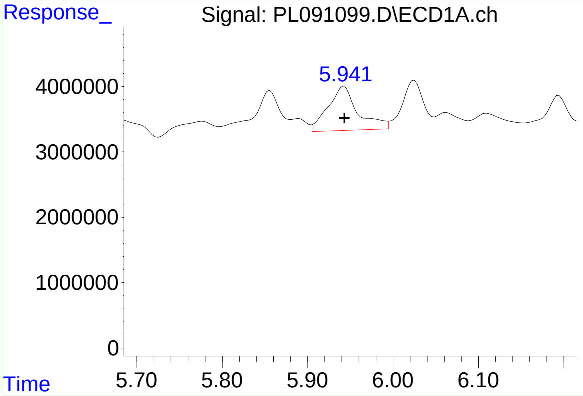
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.010 min
Response: 3832142
Conc: 1.71 ng/ml



#9 Endosulfan I

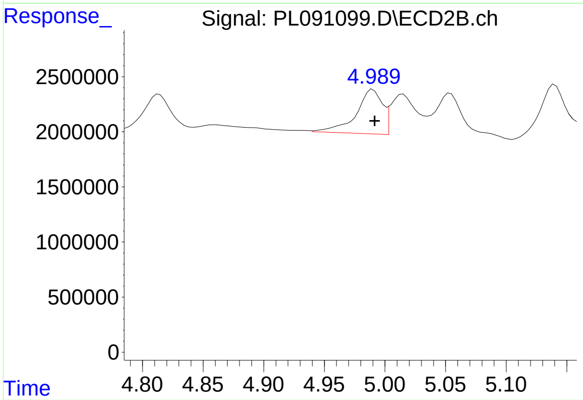
R.T.: 5.140 min
Delta R.T.: 0.029 min
Response: 7157207
Conc: 3.39 ng/ml



#10 gamma-Chlordane

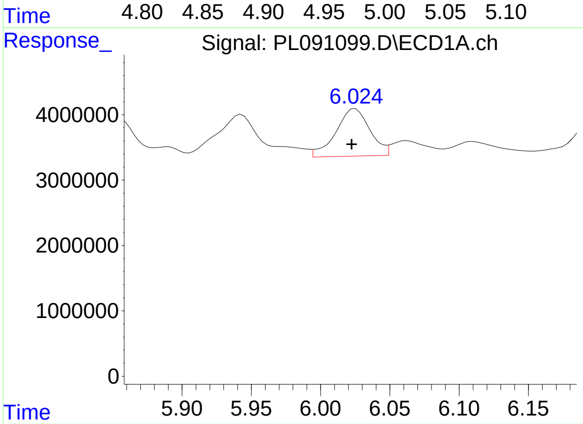
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 16551456
Conc: 6.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



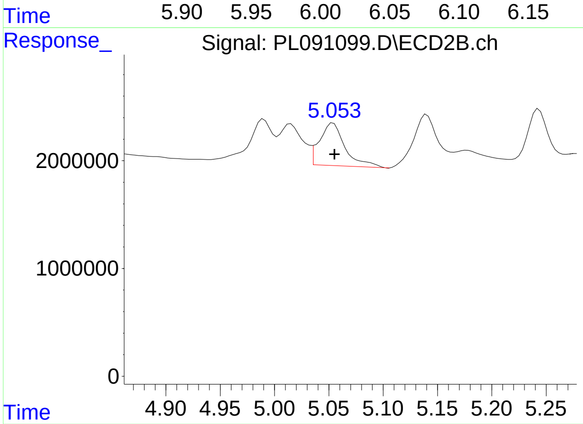
#10 gamma-Chlordane

R.T.: 4.990 min
Delta R.T.: -0.001 min
Response: 6109258
Conc: 2.58 ng/ml



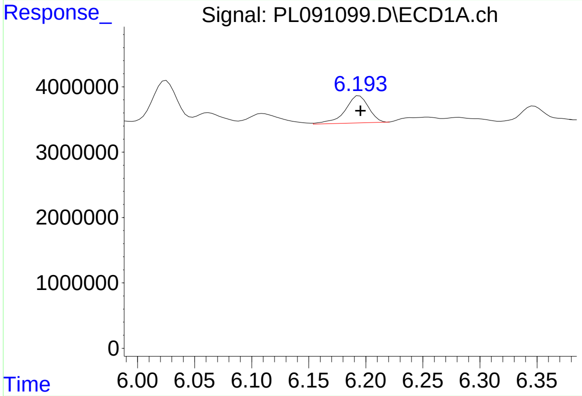
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.003 min
Response: 12461458
Conc: 5.18 ng/ml



#11 alpha-Chlordane

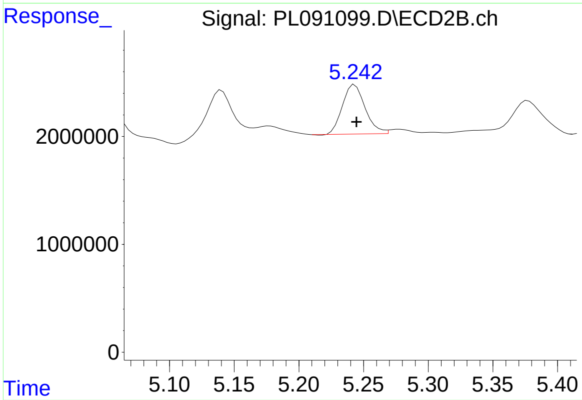
R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 6457195
Conc: 2.74 ng/ml



#12 4,4'-DDE

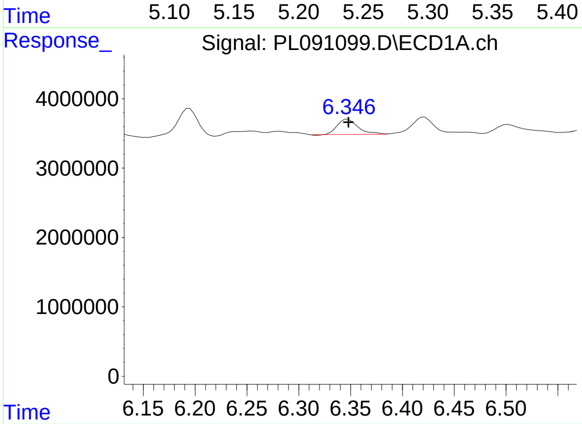
R.T.:	6.194 min
Delta R.T.:	0.000 min
Response:	5966969
Conc:	2.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



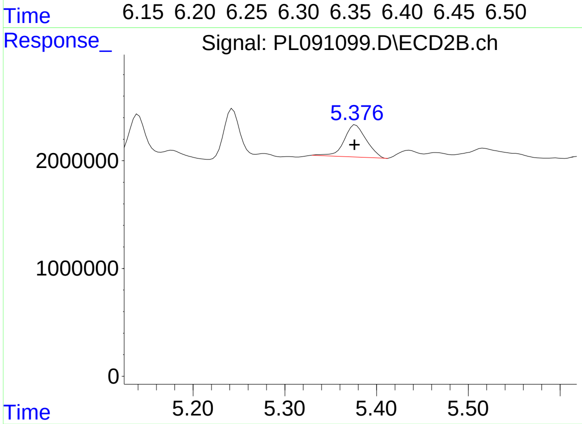
#12 4,4'-DDE

R.T.:	5.243 min
Delta R.T.:	-0.001 min
Response:	5568481
Conc:	2.67 ng/ml



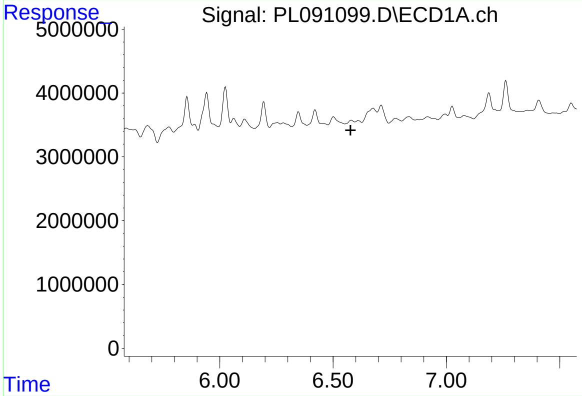
#13 Dieldrin

R.T.:	6.347 min
Delta R.T.:	0.000 min
Response:	3027301
Conc:	1.29 ng/ml



#13 Dieldrin

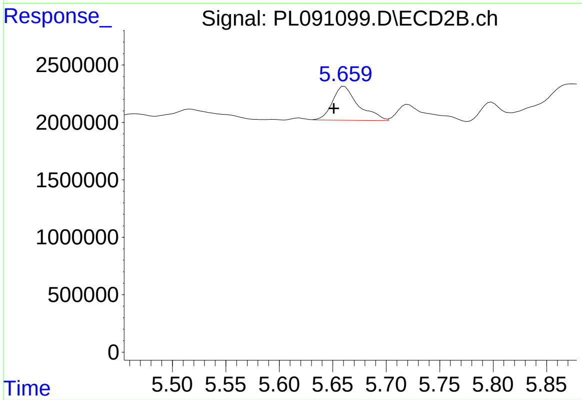
R.T.:	5.377 min
Delta R.T.:	0.001 min
Response:	4987083
Conc:	2.19 ng/ml



#14 Endrin

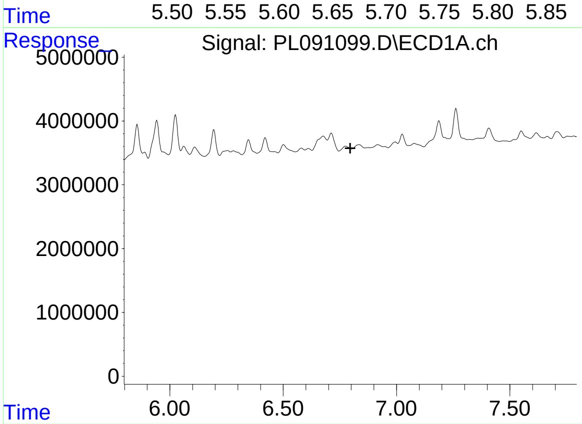
```
     R.T.:    0.000 min
Exp R.T.  :   6.577 min
  Response:        0
     Conc:   N.D.
```

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



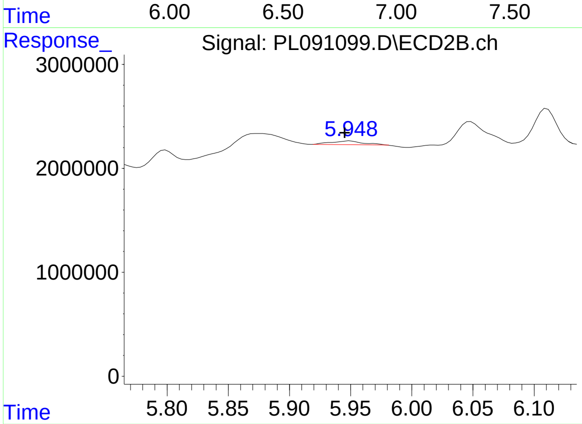
#14 Endrin

```
      R.T.:    5.661 min
Delta R.T.:    0.010 min
  Response:   5007955
      Conc:   2.46 ng/ml
```



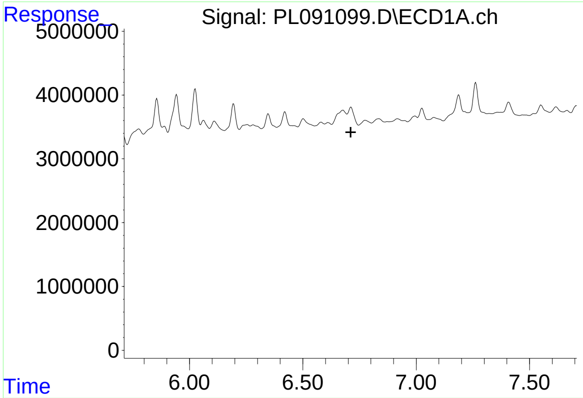
#15 Endosulfan II

```
     R.T.:    0.000 min
Exp R.T.  :   6.796 min
  Response:        0
     Conc:   N.D.
```



#15 Endosulfan II

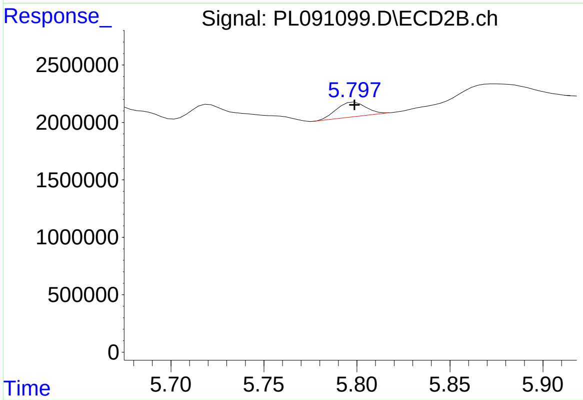
```
      R.T.:    5.949 min
Delta R.T.:    0.004 min
  Response:   661847
      Conc:   0.34 ng/ml
```



#16 4,4'-DDD

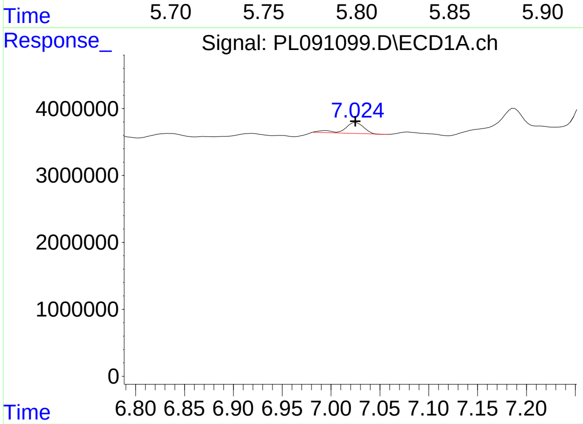
```
      R.T.:    0.000 min
Exp R.T.  :    6.711 min
  Response:         0
      Conc:   N.D.
```

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



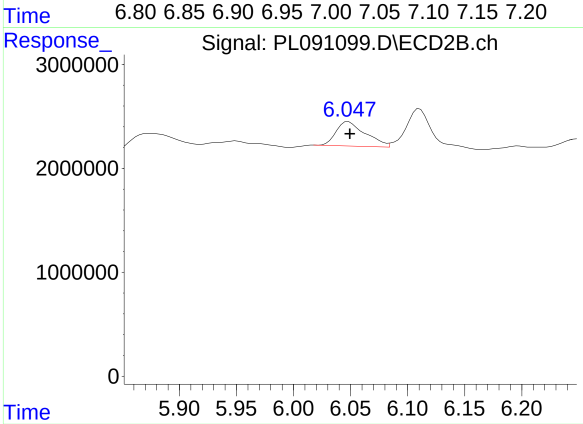
#16 4,4'-DDD

```
      R.T.:    5.799 min
Delta R.T.:    0.000 min
  Response:   1373229
      Conc:   0.83 ng/ml
```



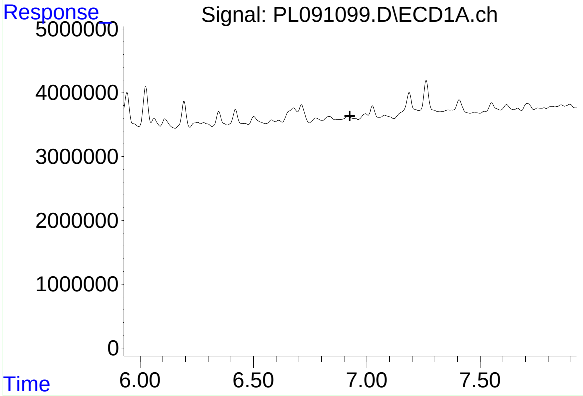
#17 4,4'-DDT

```
      R.T.:    7.026 min
Delta R.T.:    0.000 min
  Response:   2157274
      Conc:   1.22 ng/ml
```



#17 4,4'-DDT

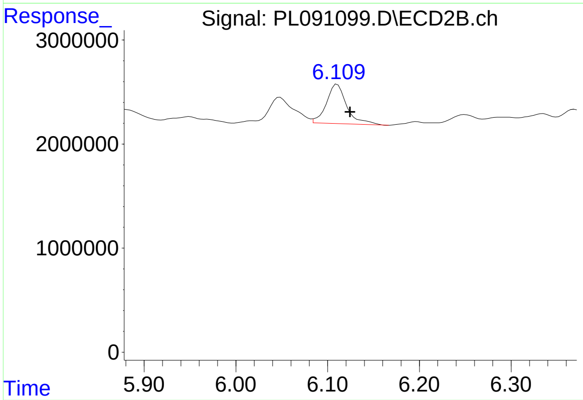
```
      R.T.:    6.048 min
Delta R.T.:   -0.001 min
  Response:   4219334
      Conc:   2.38 ng/ml
```



#18 Endrin aldehyde

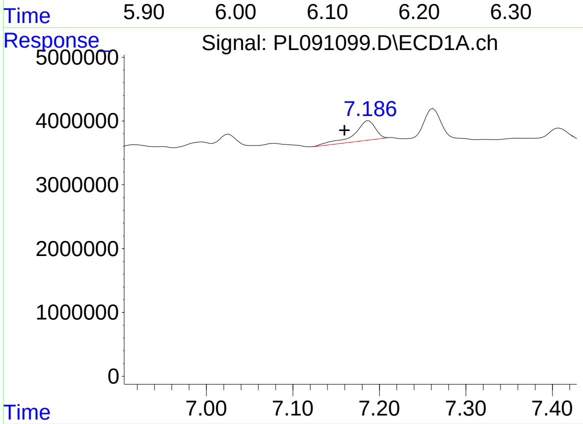
R.T.: 0.000 min
Exp R.T. : 6.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



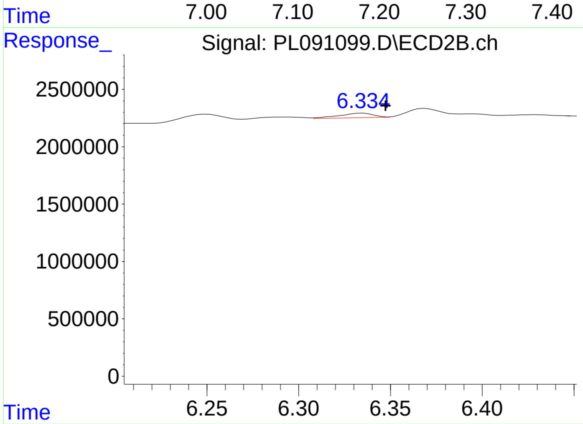
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: -0.014 min
Response: 5871004
Conc: 3.77 ng/ml



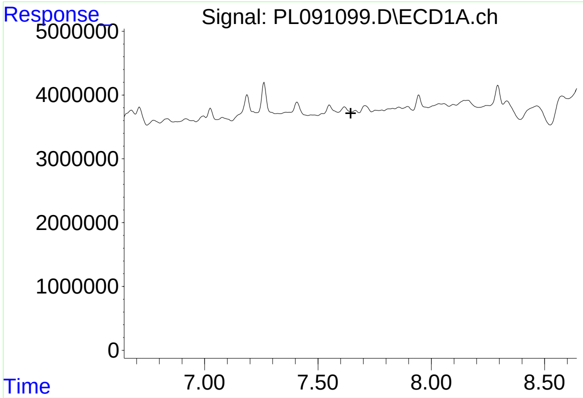
#19 Endosulfan Sulfate

R.T.: 7.188 min
Delta R.T.: 0.028 min
Response: 5441387
Conc: 2.84 ng/ml



#19 Endosulfan Sulfate

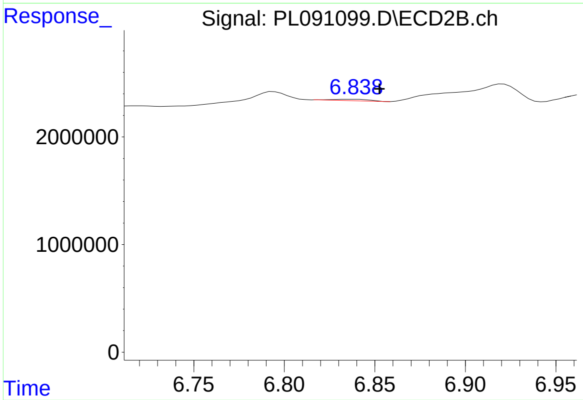
R.T.: 6.335 min
Delta R.T.: -0.012 min
Response: 516198
Conc: 0.27 ng/ml



#21 Endrin ketone

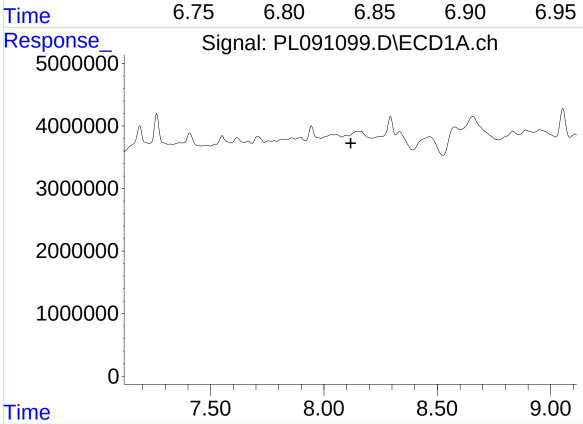
R.T.: 0.000 min
Exp R.T. : 7.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



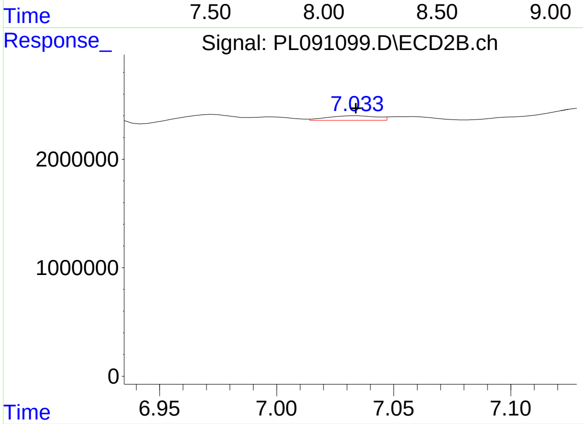
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.015 min
Response: 205482
Conc: 0.09 ng/ml



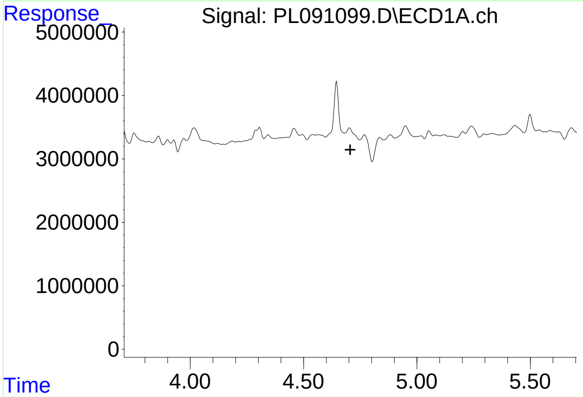
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#22 Mirex

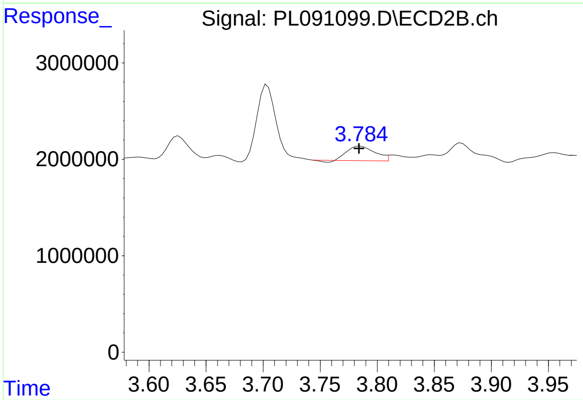
R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 607253
Conc: 0.33 ng/ml



#23 Chlordane-1

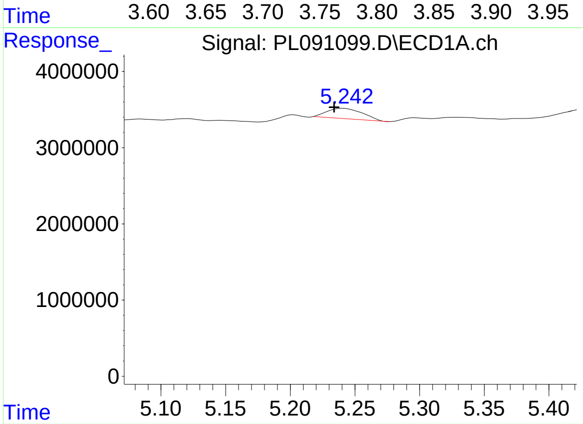
R.T.: 0.000 min
Exp R.T. : 4.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



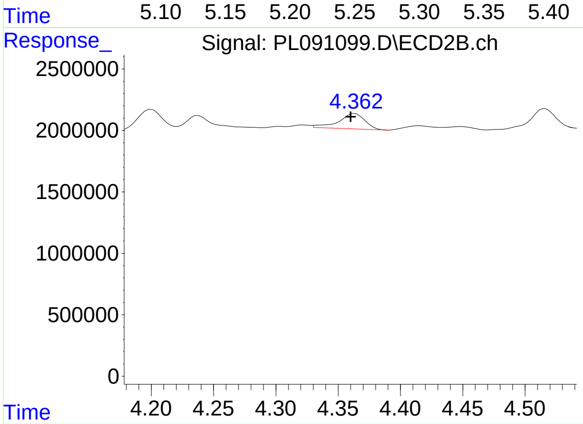
#23 Chlordane-1

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 2497577
Conc: 34.26 ng/ml



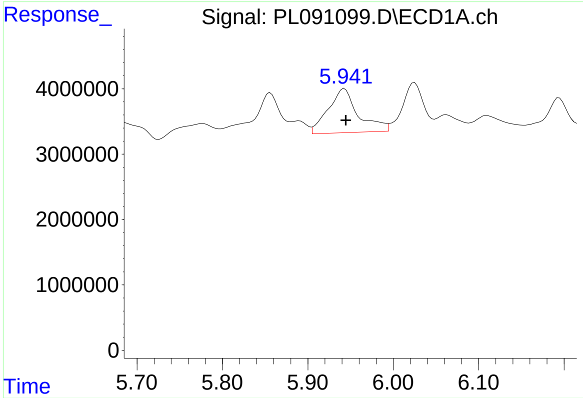
#24 Chlordane-2

R.T.: 5.241 min
Delta R.T.: 0.007 min
Response: 2596691
Conc: 25.57 ng/ml



#24 Chlordane-2

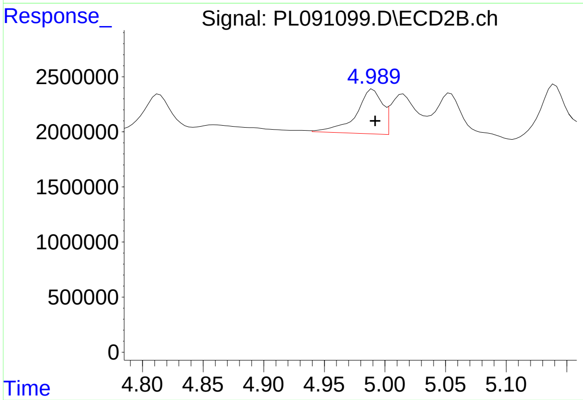
R.T.: 4.364 min
Delta R.T.: 0.004 min
Response: 1860128
Conc: 19.80 ng/ml



#25 Chlordane-3

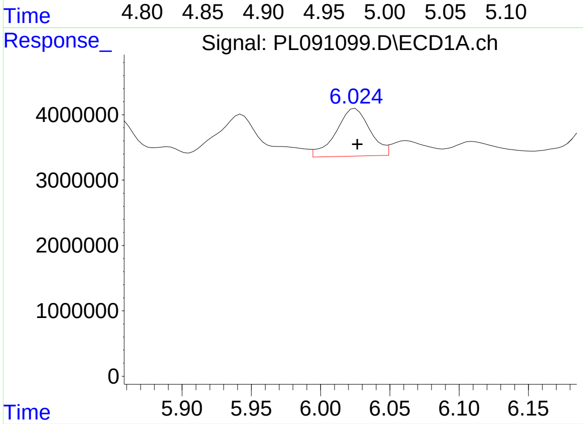
R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 16551456
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



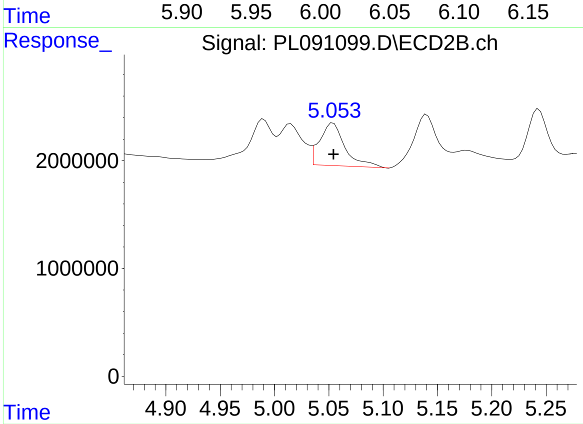
#25 Chlordane-3

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 6109258
Conc: 25.16 ng/ml



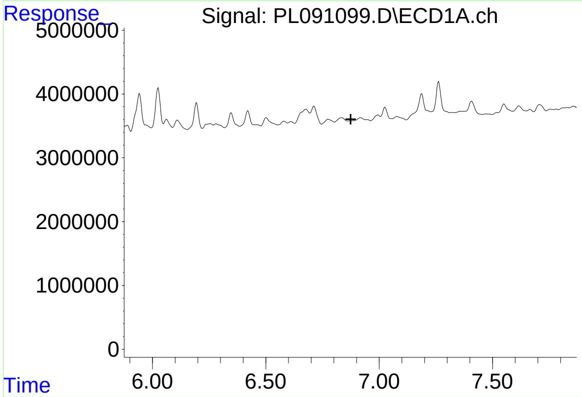
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: -0.001 min
Response: 12461458
Conc: 29.63 ng/ml



#26 Chlordane-4

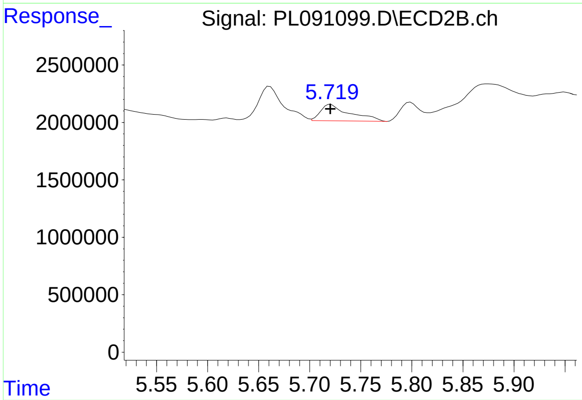
R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 6457195
Conc: 27.69 ng/ml



#27 Chlordane-5

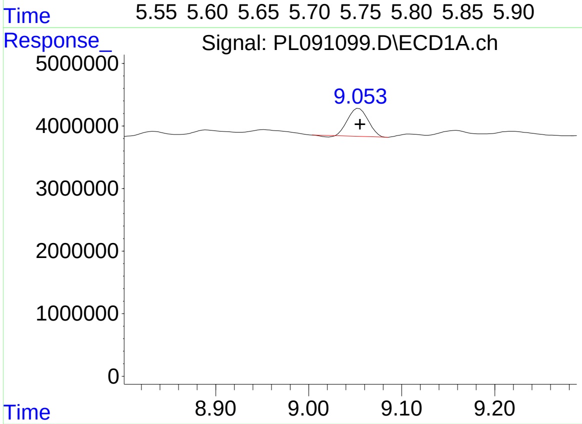
R.T.: 0.000 min
Exp R.T. : 6.875 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OU4-TS-22-080724



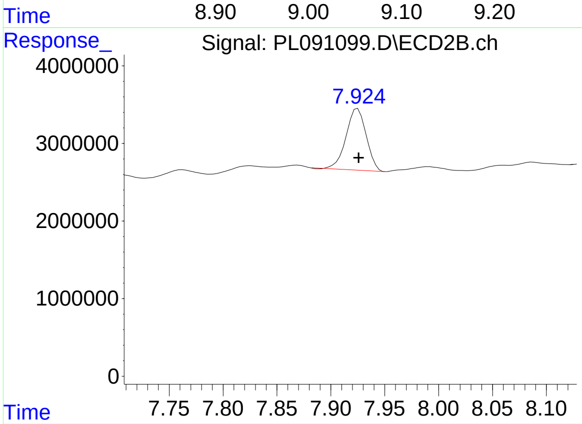
#27 Chlordane-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 2850373
Conc: 41.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.001 min
Response: 6706551
Conc: 4.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 10334027
Conc: 5.46 ng/ml