Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100825\
Data File : PL097571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2025 16:19
Operator : AR\AJ
Sample : Q3303-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 03:39:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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 x0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.525	2.823	99231112	93374399	24.341	15.341	#
28)	SA	Decachlor...	8.997	7.981	45411040	73157573	15.271	14.098	
		Target Compounds							
2)	A	alpha-BHC	3.972	3.328	294.5E6	435.2E6	43.657	44.107	
3)	MA	gamma-BHC...	4.300	3.660	276.8E6	401.4E6	43.551	43.687	
4)	MA	Heptachlor	4.890	4.007	277.0E6	389.6E6	42.948	42.384	
5)	MB	Aldrin	5.229	4.289	264.7E6	377.0E6	44.017	43.472	
6)	B	beta-BHC	4.488	3.956	114.0E6	170.2E6	44.092	42.787	
7)	B	delta-BHC	4.733	4.188	267.0E6	397.3E6	43.970	43.975	
8)	B	Heptachlo...	5.649	4.790	253.6E6	340.8E6	43.558	43.154	
9)	A	Endosulfan I	6.030	5.161	222.7E6	302.7E6	44.795	41.047	
10)	B	gamma-Chl...	5.902	5.042	251.0E6	373.3E6	46.252	42.938	
11)	B	alpha-Chl...	5.982	5.106	241.4E6	358.1E6	44.485	43.009	
12)	B	4,4'-DDE	6.153	5.294	236.1E6	369.4E6	50.703	48.649	
13)	MA	Dieldrin	6.302	5.426	235.5E6	355.0E6	44.774	42.936	
14)	MA	Endrin	6.529	5.700	195.7E6	308.3E6	43.738	41.658	
15)	B	Endosulfa...	6.743	5.992	195.7E6	307.6E6	40.007	44.546	
16)	A	4,4'-DDD	6.662	5.847	181.8E6	277.4E6	48.179	43.491	
17)	MA	4,4'-DDT	6.976	6.099	174.2E6	283.7E6	42.962	42.579	
18)	B	Endrin al...	6.871	6.170	144.8E6	228.8E6	44.192	39.725	
19)	B	Endosulfa...	7.105	6.393	174.7E6	288.4E6	43.575	43.322	
20)	A	Methoxychlor	7.449	6.671	82296797	147.5E6	39.395	40.456	
21)	B	Endrin ke...	7.584	6.898	186.5E6	299.0E6	43.567	37.849	
22)		Mirex	8.062	7.087	143.8E6	236.0E6	46.273	44.113	
24)		Chlordane-2	5.229f	0.000	264.7E6	0	1172.501	N.D.	#
25)		Chlordane-3	5.902	5.042	251.0E6	373.3E6	307.000	407.449	#
26)		Chlordane-4	5.982	5.106	241.4E6	358.1E6	235.342	463.935	#
27)		Chlordane-5	0.000	5.992	0	307.6E6	N.D.	1038.746	#

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

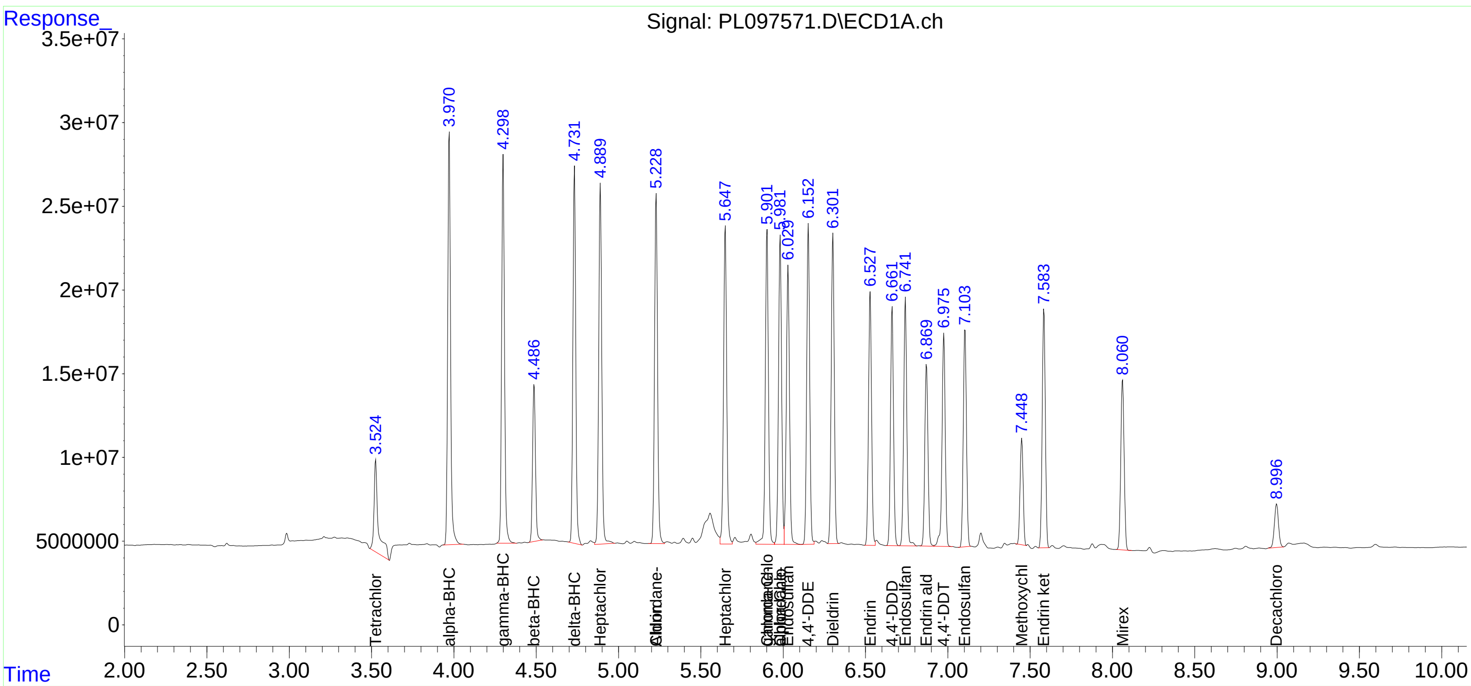
Quantitation Report (Not Reviewed)

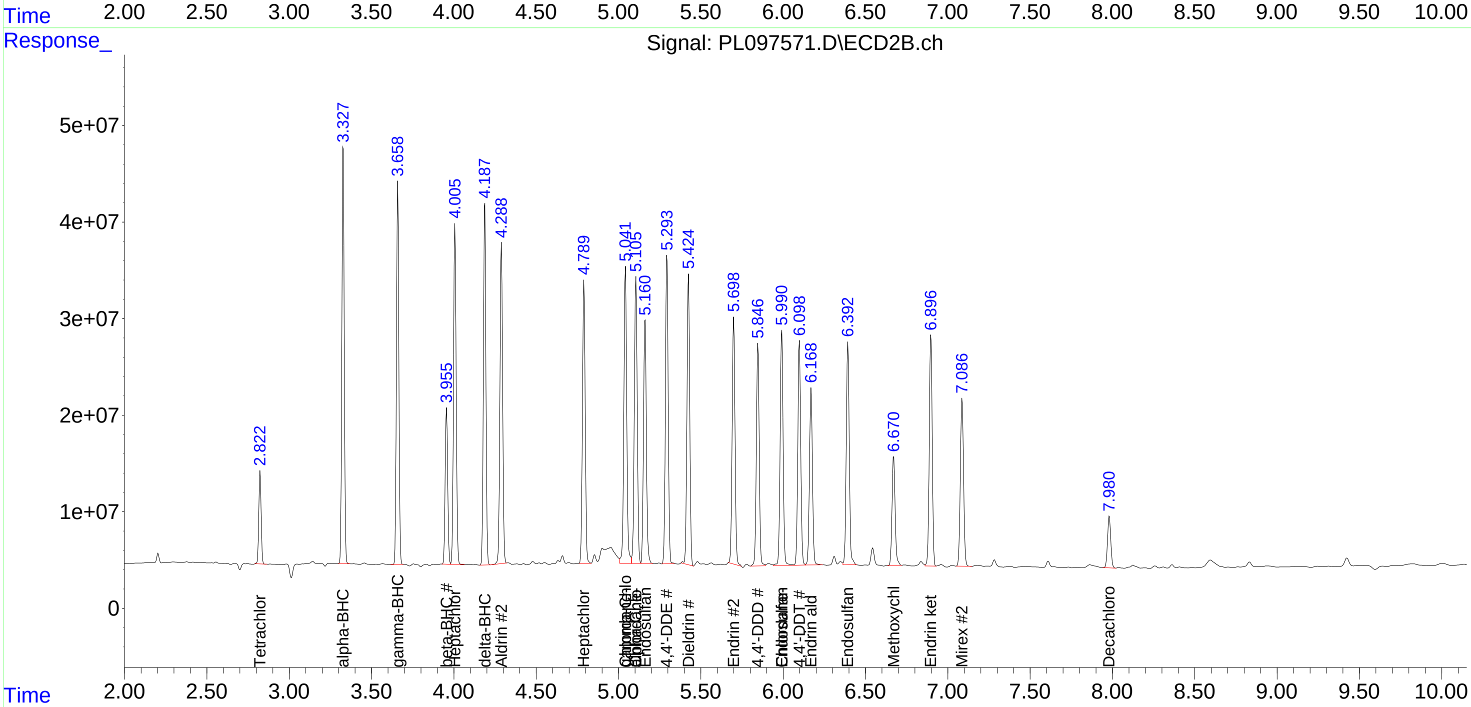
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100825\
Data File : PL097571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2025 16:19
Operator : AR\AJ
Sample : Q3303-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

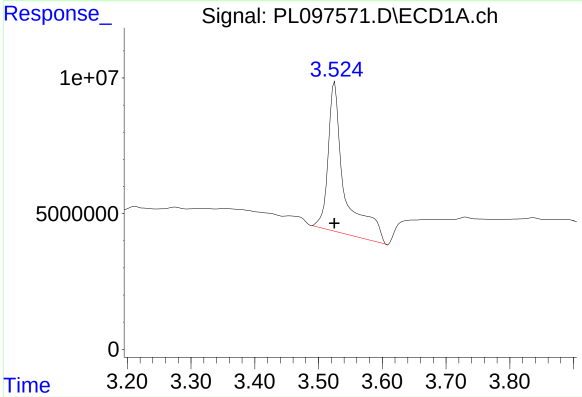
Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 03:39:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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 x0.25µm



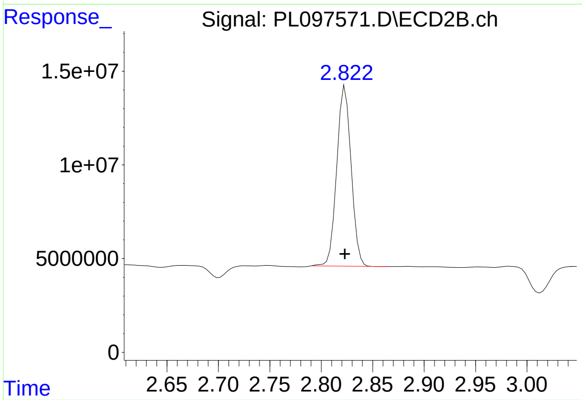




#1 Tetrachloro-m-xylene

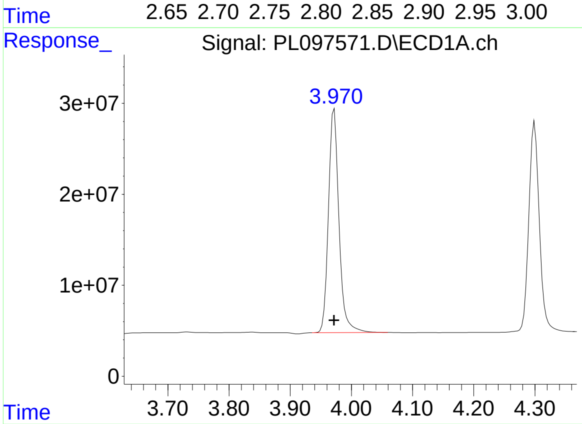
R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 99231112
Conc: 24.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



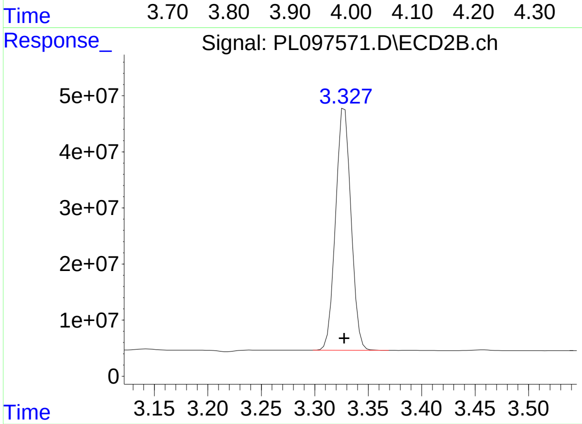
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 93374399
Conc: 15.34 ng/ml



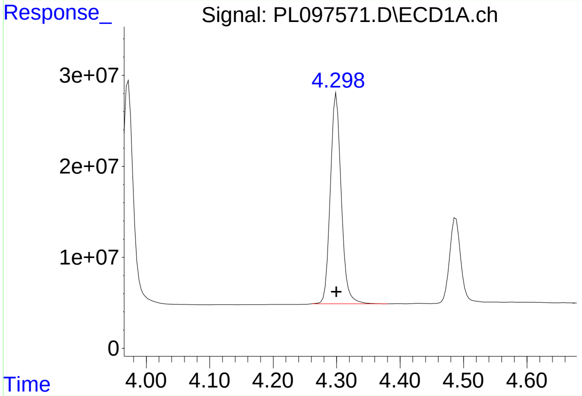
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 294498168
Conc: 43.66 ng/ml



#2 alpha-BHC

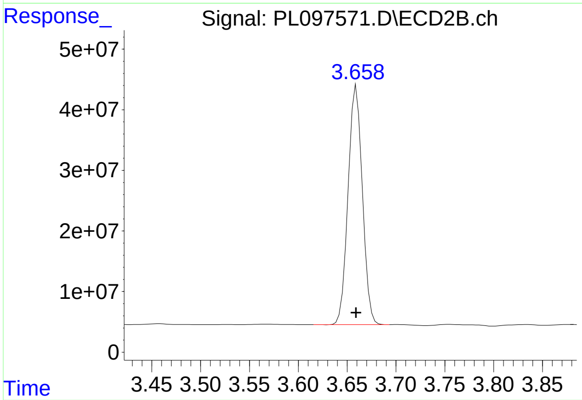
R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 435201500
Conc: 44.11 ng/ml



#3 gamma-BHC (Lindane)

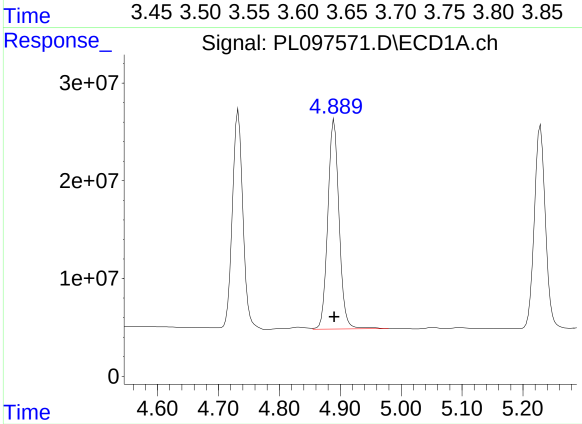
R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 276823987
Conc: 43.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



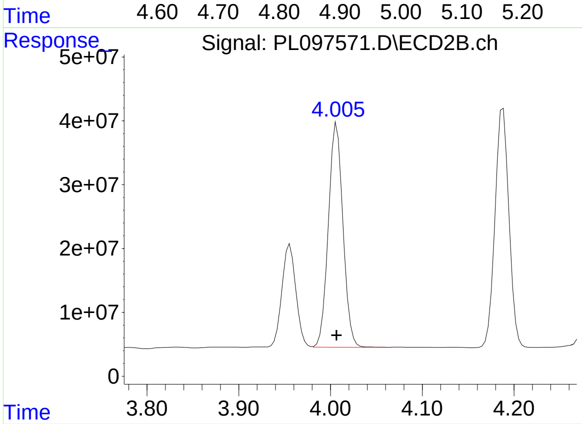
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 401365726
Conc: 43.69 ng/ml



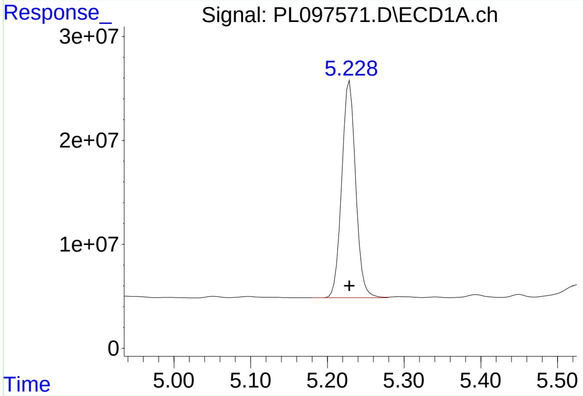
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 277044219
Conc: 42.95 ng/ml



#4 Heptachlor

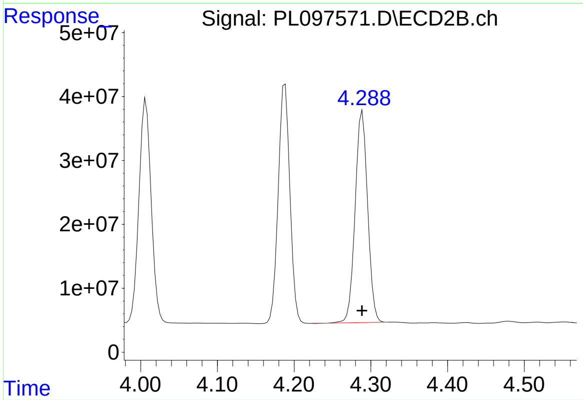
R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 389608483
Conc: 42.38 ng/ml



#5 Aldrin

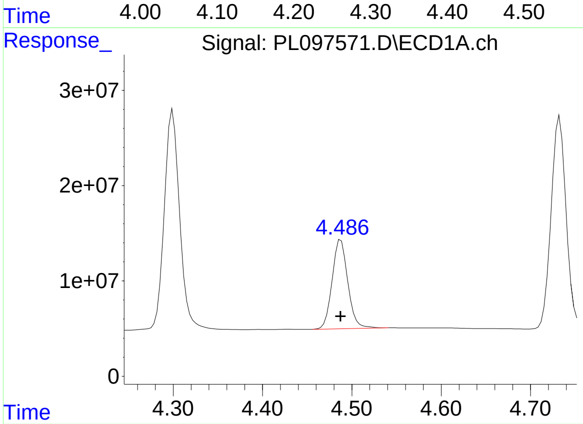
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 264658393
Conc: 44.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



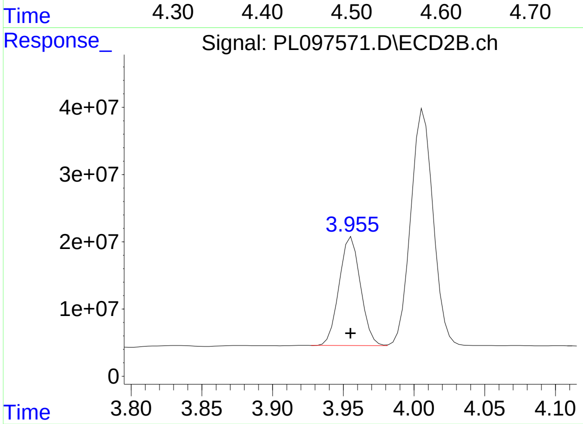
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 376985587
Conc: 43.47 ng/ml



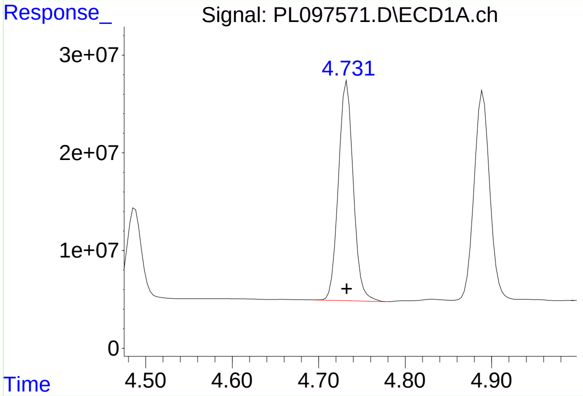
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 113997976
Conc: 44.09 ng/ml



#6 beta-BHC

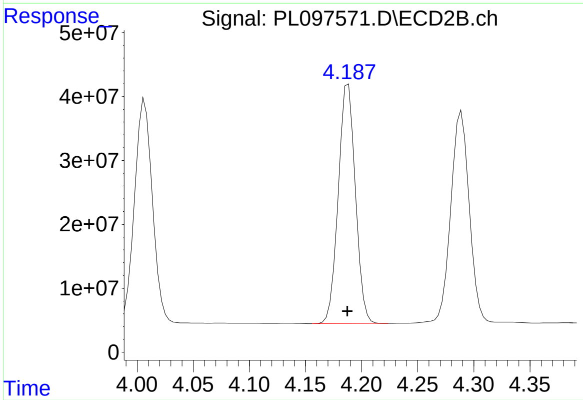
R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 170211390
Conc: 42.79 ng/ml



#7 delta-BHC

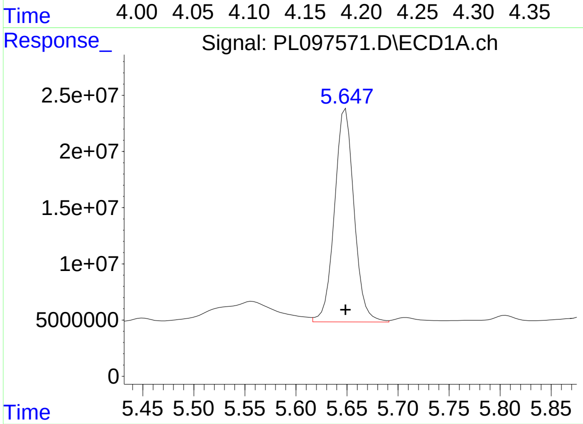
```
      R.T.:    4.733 min
Delta R.T.:    0.000 min
  Response: 267014029
      Conc:   43.97 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



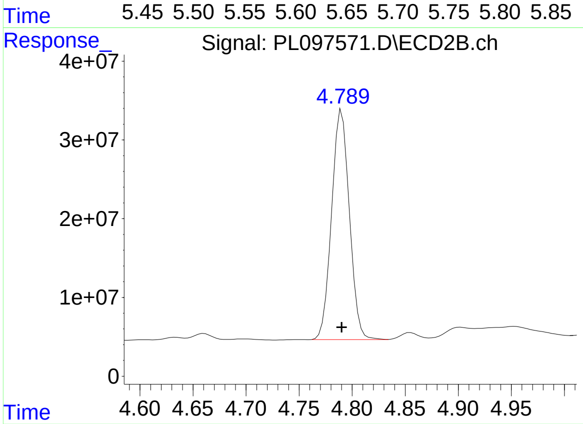
#7 delta-BHC

```
      R.T.:    4.188 min
Delta R.T.:    0.000 min
  Response: 397270386
      Conc:   43.98 ng/ml
```



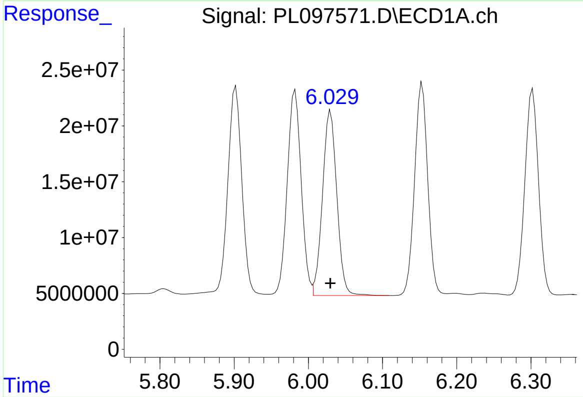
#8 Heptachlor epoxide

```
      R.T.:    5.649 min
Delta R.T.:    0.000 min
  Response: 253605694
      Conc:   43.56 ng/ml
```



#8 Heptachlor epoxide

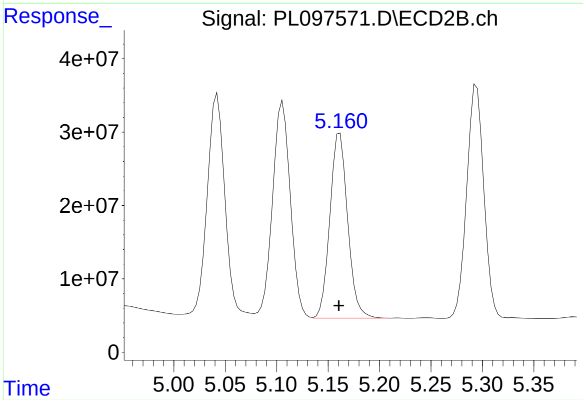
```
      R.T.:    4.790 min
Delta R.T.:    0.000 min
  Response: 340825384
      Conc:   43.15 ng/ml
```



#9 Endosulfan I

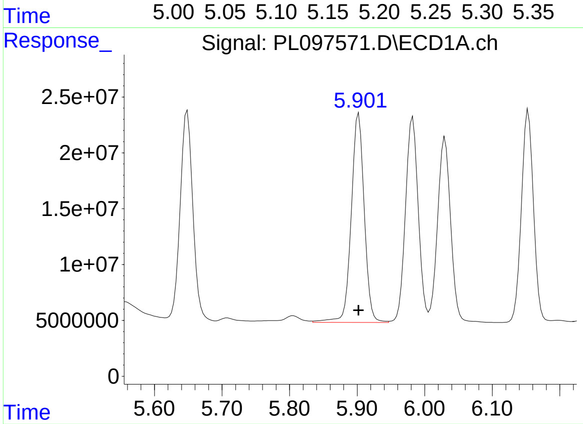
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 222692727
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



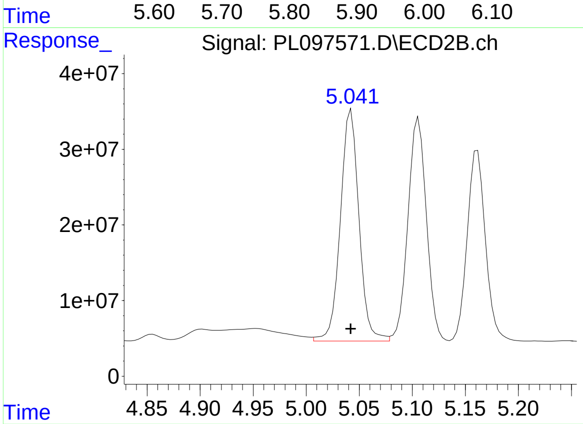
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 302693198
Conc: 41.05 ng/ml



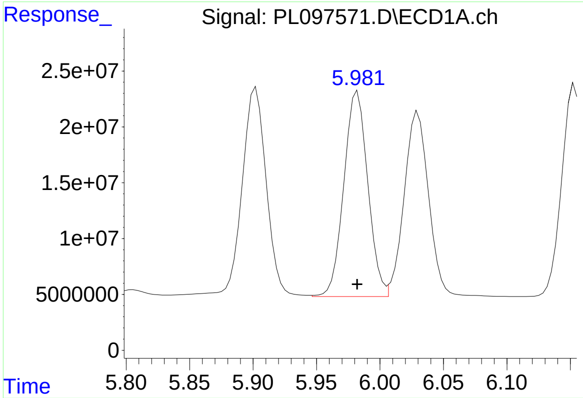
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 251031184
Conc: 46.25 ng/ml



#10 gamma-Chlordane

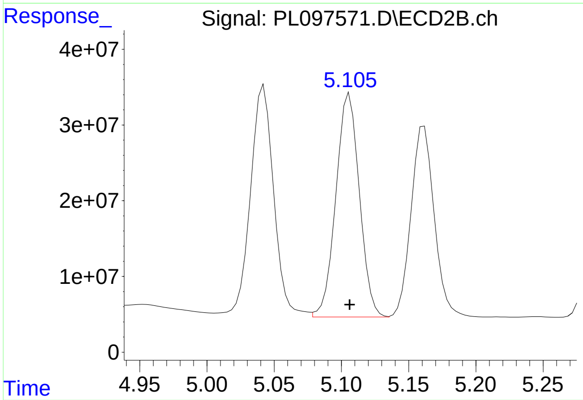
R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 373264324
Conc: 42.94 ng/ml



#11 alpha-Chlordane

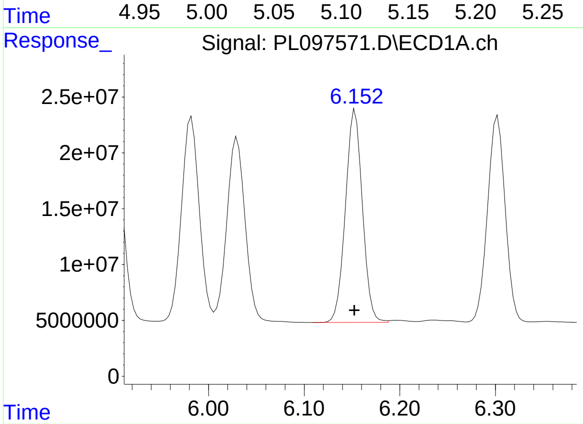
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 241397569
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



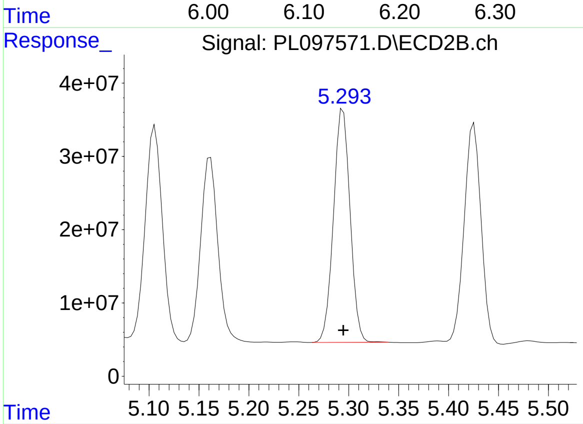
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 358149344
Conc: 43.01 ng/ml



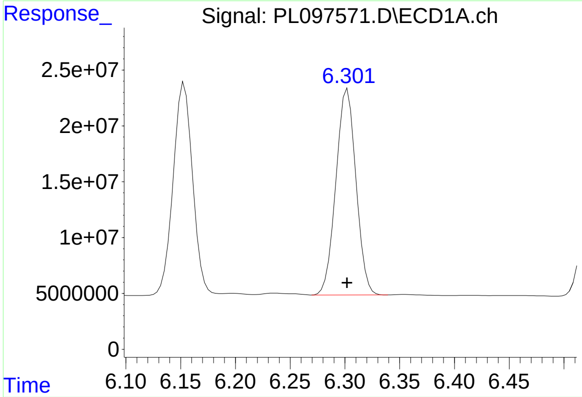
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 236133632
Conc: 50.70 ng/ml



#12 4,4'-DDE

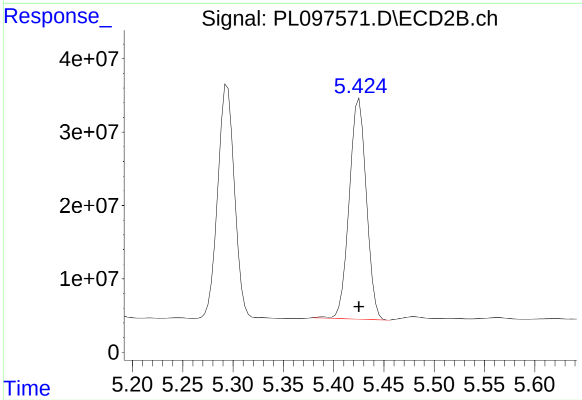
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 369365970
Conc: 48.65 ng/ml



#13 Dieldrin

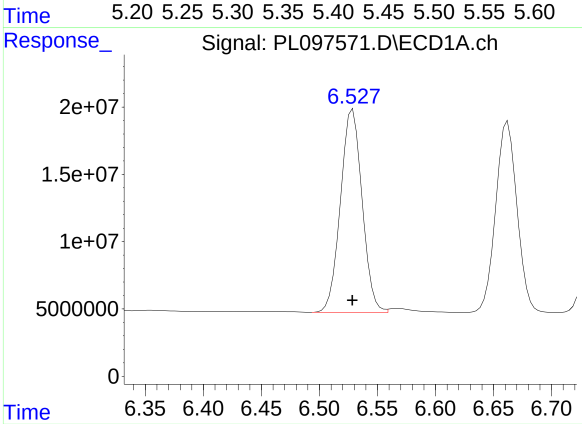
```
     R.T.:    6.302 min
Delta R.T.:    0.000 min
  Response: 235534334
     Conc:   44.77 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



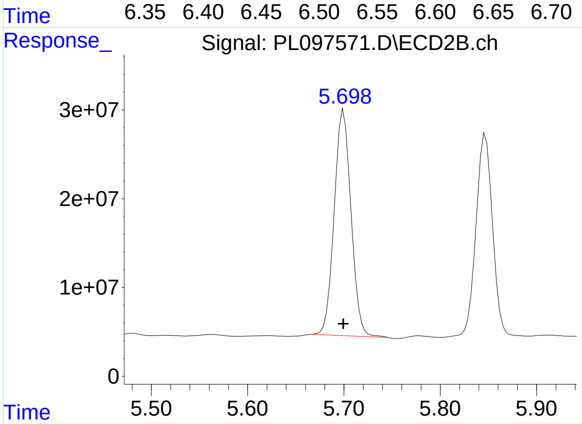
#13 Dieldrin

```
     R.T.:    5.426 min
Delta R.T.:    0.000 min
  Response: 355008904
     Conc:   42.94 ng/ml
```



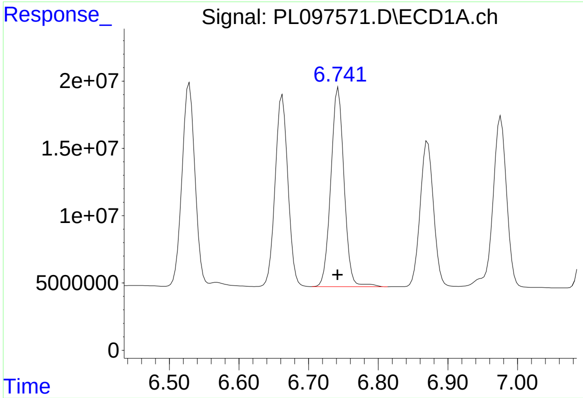
#14 Endrin

```
     R.T.:    6.529 min
Delta R.T.:    0.000 min
  Response: 195698578
     Conc:   43.74 ng/ml
```



#14 Endrin

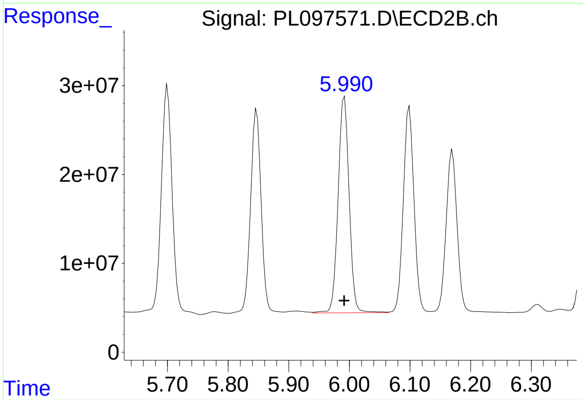
```
     R.T.:    5.700 min
Delta R.T.:    0.000 min
  Response: 308331157
     Conc:   41.66 ng/ml
```



#15 Endosulfan II

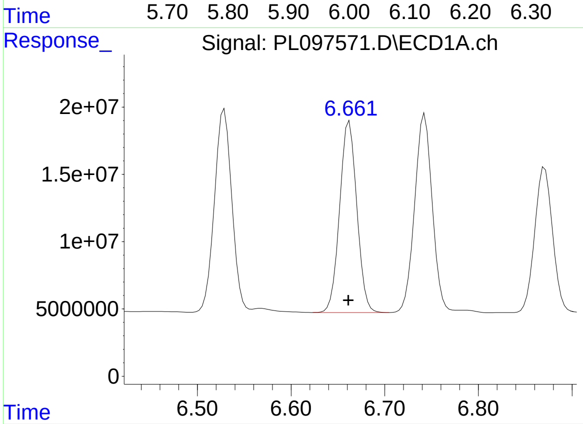
R.T.: 6.743 min
Delta R.T.: 0.001 min
Response: 195717195
Conc: 40.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



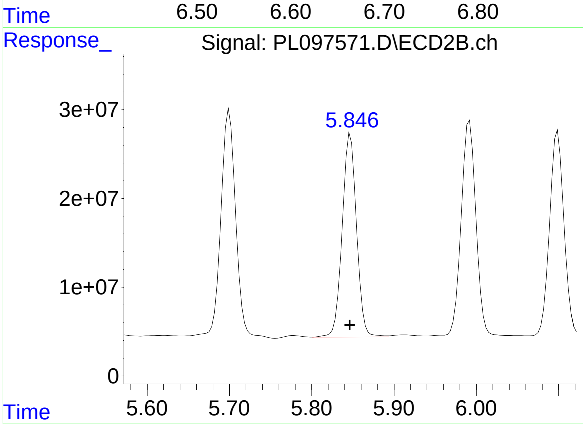
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 307592228
Conc: 44.55 ng/ml



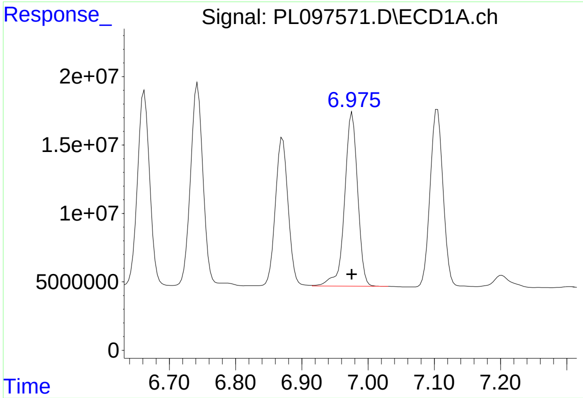
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 181801521
Conc: 48.18 ng/ml



#16 4,4'-DDD

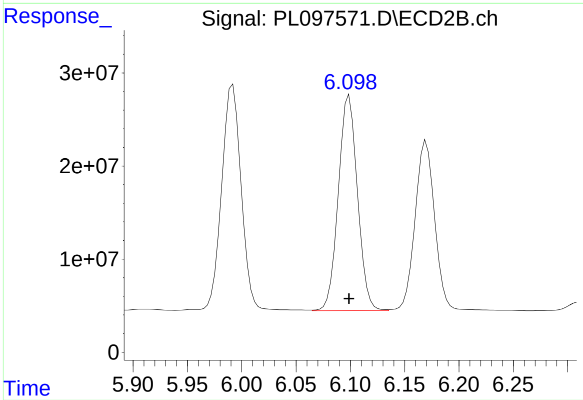
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 277423018
Conc: 43.49 ng/ml



#17 4,4'-DDT

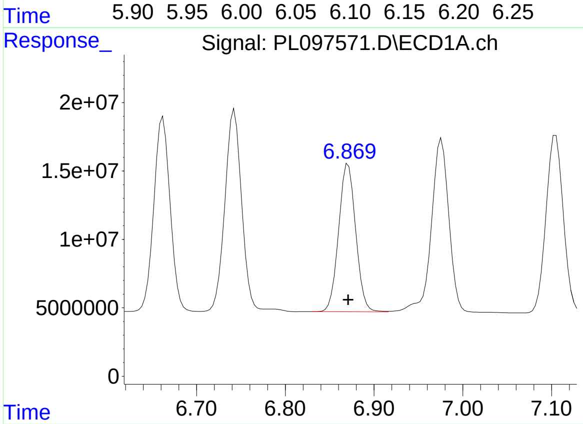
R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 174197357
Conc: 42.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



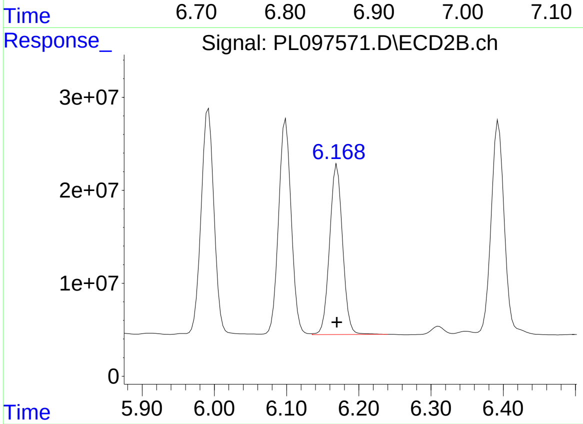
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 283721968
Conc: 42.58 ng/ml



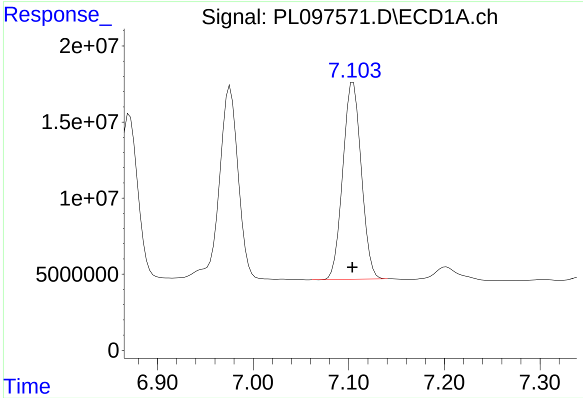
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 144806057
Conc: 44.19 ng/ml



#18 Endrin aldehyde

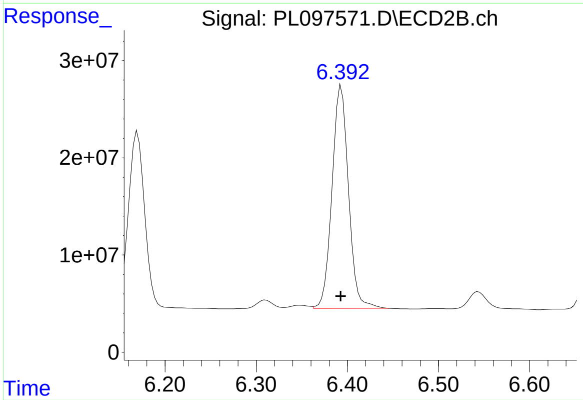
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 228753567
Conc: 39.72 ng/ml



#19 Endosulfan Sulfate

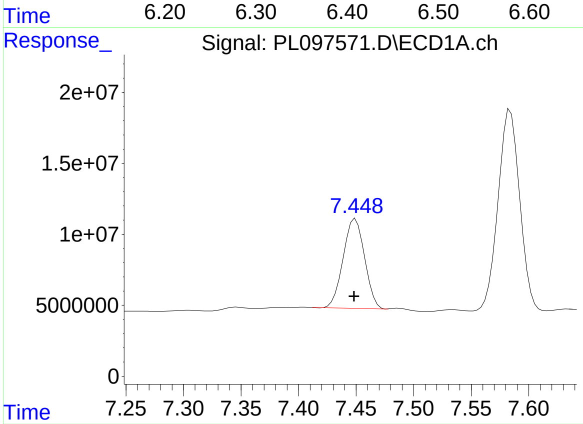
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 174731633
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



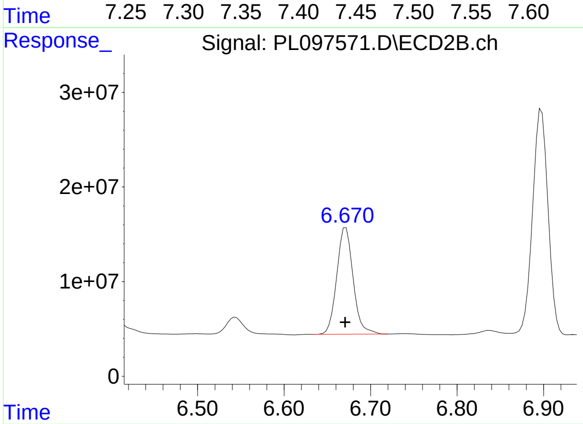
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 288432703
Conc: 43.32 ng/ml



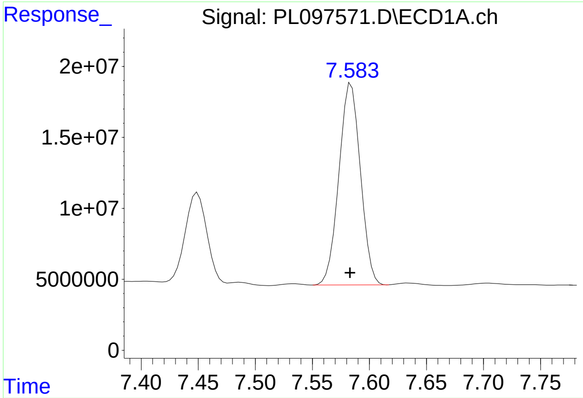
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: 0.001 min
Response: 82296797
Conc: 39.40 ng/ml



#20 Methoxychlor

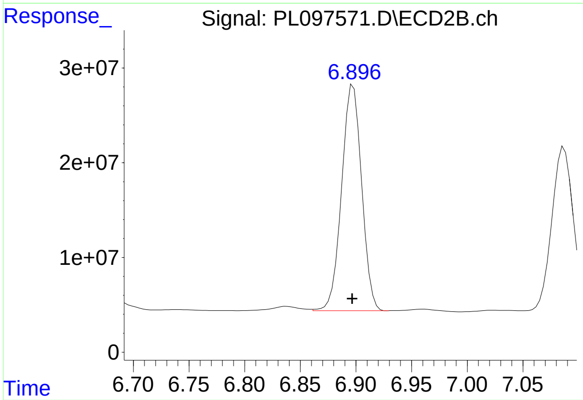
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 147471868
Conc: 40.46 ng/ml



#21 Endrin ketone

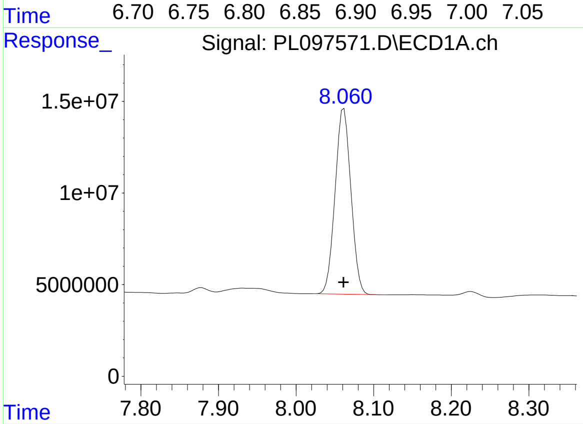
R.T.: 7.584 min
Delta R.T.: 0.001 min
Response: 186540385
Conc: 43.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



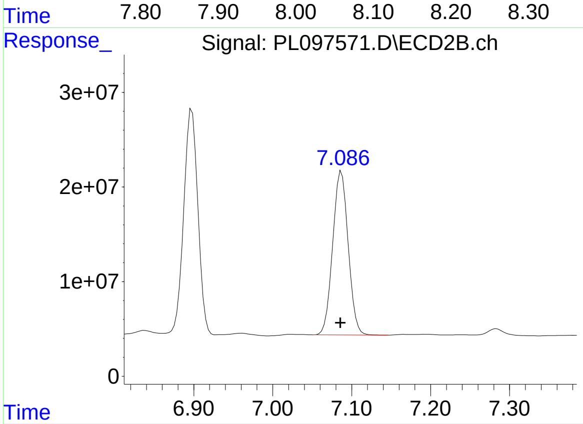
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.001 min
Response: 299005825
Conc: 37.85 ng/ml



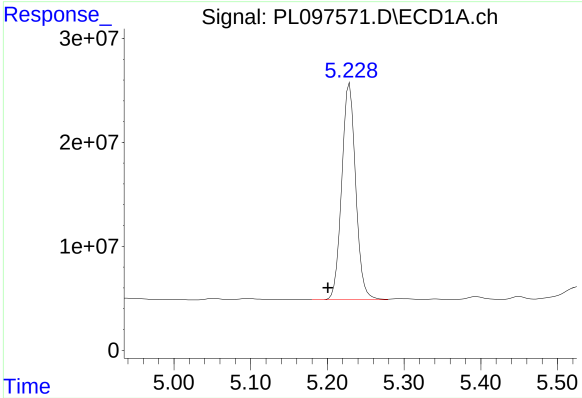
#22 Mirex

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 143790749
Conc: 46.27 ng/ml



#22 Mirex

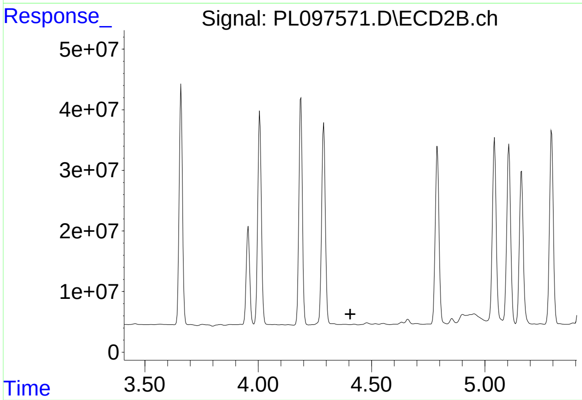
R.T.: 7.087 min
Delta R.T.: 0.001 min
Response: 235997315
Conc: 44.11 ng/ml



#24 Chlordane-2

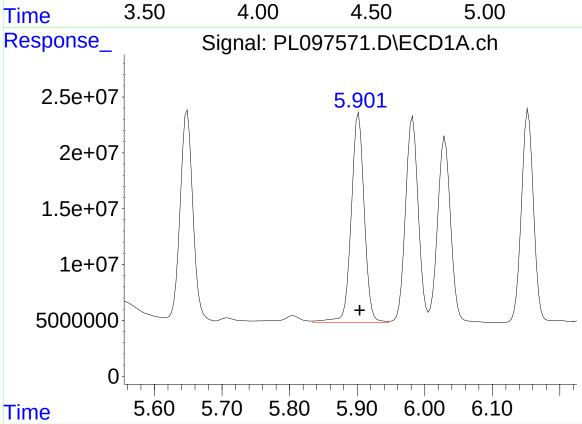
R.T.: 5.229 min
Delta R.T.: 0.028 min
Response: 264658393
Conc: 1172.50 ng/m

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



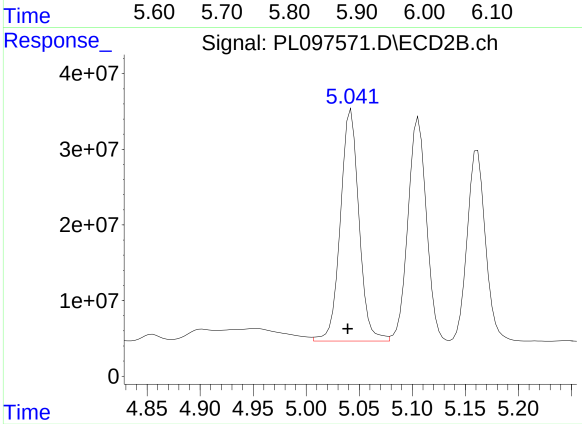
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.406 min
Response: 0
Conc: N.D.



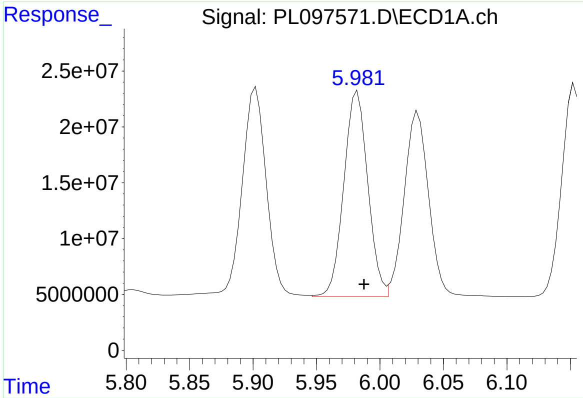
#25 Chlordane-3

R.T.: 5.902 min
Delta R.T.: -0.001 min
Response: 251031184
Conc: 307.00 ng/ml



#25 Chlordane-3

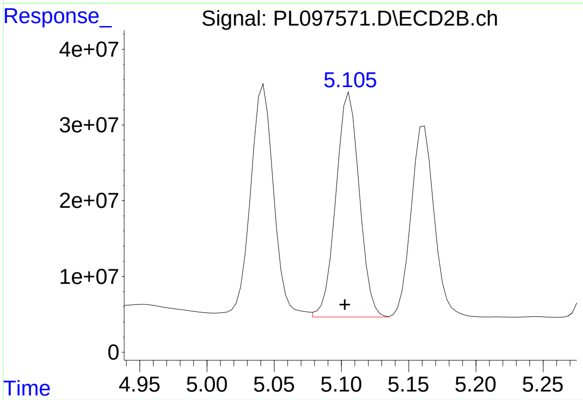
R.T.: 5.042 min
Delta R.T.: 0.003 min
Response: 373264324
Conc: 407.45 ng/ml



#26 Chlordane-4

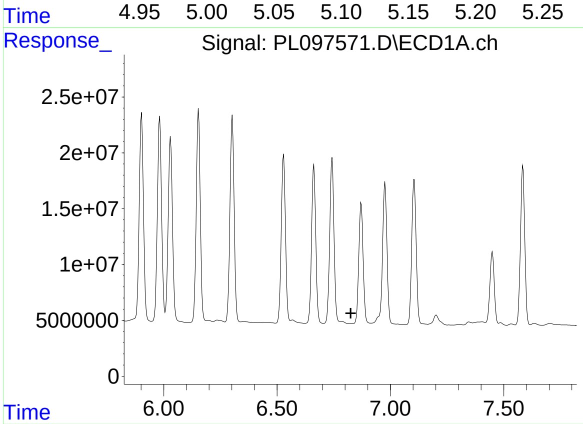
```
      R.T.:    5.982 min
Delta R.T.:   -0.005 min
  Response: 241397569
      Conc: 235.34 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



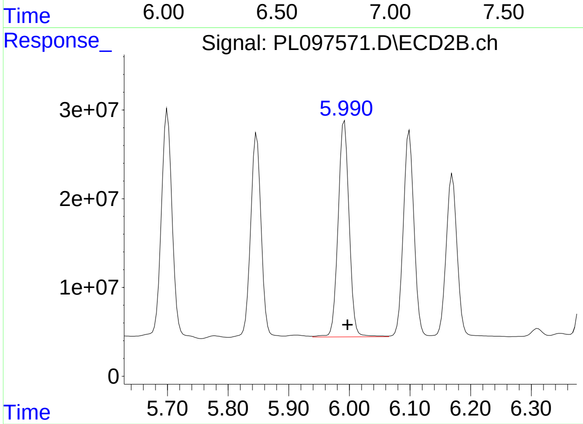
#26 Chlordane-4

```
      R.T.:    5.106 min
Delta R.T.:    0.004 min
  Response: 358149344
      Conc: 463.93 ng/ml
```



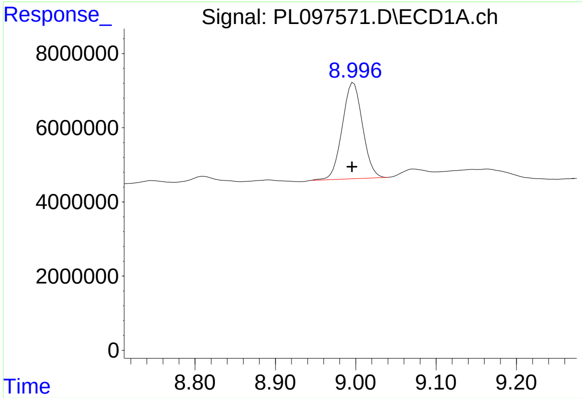
#27 Chlordane-5

```
      R.T.:    0.000 min
Exp R.T.  :    6.825 min
  Response:         0
      Conc:   N.D.
```



#27 Chlordane-5

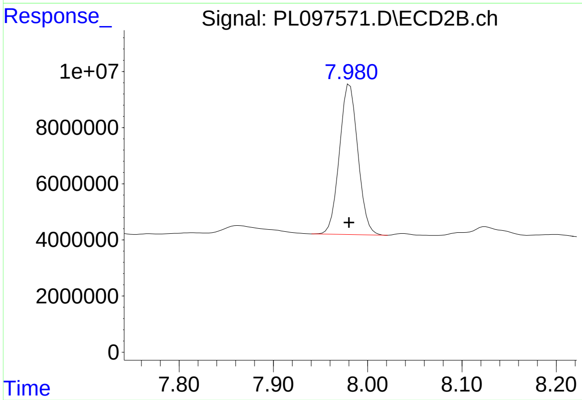
```
      R.T.:    5.992 min
Delta R.T.:   -0.005 min
  Response: 307592228
      Conc: 1038.75 ng/ml
```



#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.002 min
Response: 45411040
Conc: 15.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
HL-WESTMSD



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 73157573
Conc: 14.10 ng/ml