Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121118\
Data File : PL042968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 20:52
Operator : AJ\SJ
Sample : J6193-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 00:33:41 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120618.M
Quant Title : GC Extractables
QLast Update : Fri Dec 07 00:20:08 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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...	3.465	4.099	68978575	35186368	11.247	11.872	
28)	SA	Decachlor...	8.203	9.231	84054965	33341450	12.872	12.782	
		Target Compounds							
4)	MA	Heptachlor	4.483	5.299	2741114	1073183	0.309	0.262	
6)	B	beta-BHC	4.483f	0.000	2741114	0	0.743	N.D.	#
7)	B	delta-BHC	0.000	5.158	0	20998172	N.D.	4.886	#
8)	B	Heptachlo...	5.224f	5.989	5721332	15008013	0.722	3.958	#
9)	A	Endosulfan I	5.454f	6.306f	14361493	15076615	1.960	4.440	#
10)	B	gamma-Chl...	5.417	6.232	23355858	10311564	2.897	2.807	
11)	B	alpha-Chl...	5.454	6.306	14361493	15076615	1.809	4.192	#
12)	B	4,4'-DDE	5.621	6.459	6898302	10368917	0.996	2.861	#
13)	MA	Dieldrin	5.746	6.601	22931465	3190220	2.949	0.880	#
14)	MA	Endrin	6.005	6.821	-2296371	5716242	N.D.	1.831	
15)	B	Endosulfa...	6.286	7.025	2662231	2005678	0.400	0.662	#
16)	A	4,4'-DDD	6.198f	6.957	13522448	12033913	2.384	4.104	#
17)	MA	4,4'-DDT	6.372	7.225	25742665	5058315	4.327	1.722	#
18)	B	Endrin al...	6.464	7.225f	344168	5058315	0.062	2.017	#
19)	B	Endosulfa...	6.656	0.000	11288751	0	1.685	N.D.	#
20)	A	Methoxychlor	6.902	7.751f	10951625	1927867	3.264	1.278	#
21)	B	Endrin ke...	7.176	7.822f	7073537	3932035	0.978	1.286	#
23)		Chlordane-1	4.331	5.109	4548030	914619	16.926	6.471	#
24)		Chlordane-2	4.833	0.000	10612929	0	36.975	N.D.	#
25)		Chlordane-3	5.417	6.232	23355858	10311564	28.104	20.998	#
26)		Chlordane-4	5.454	6.306	14361493	15076615	18.994	26.415	#
27)		Chlordane-5	6.286	0.000	2662231	0	11.099	N.D.	#

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

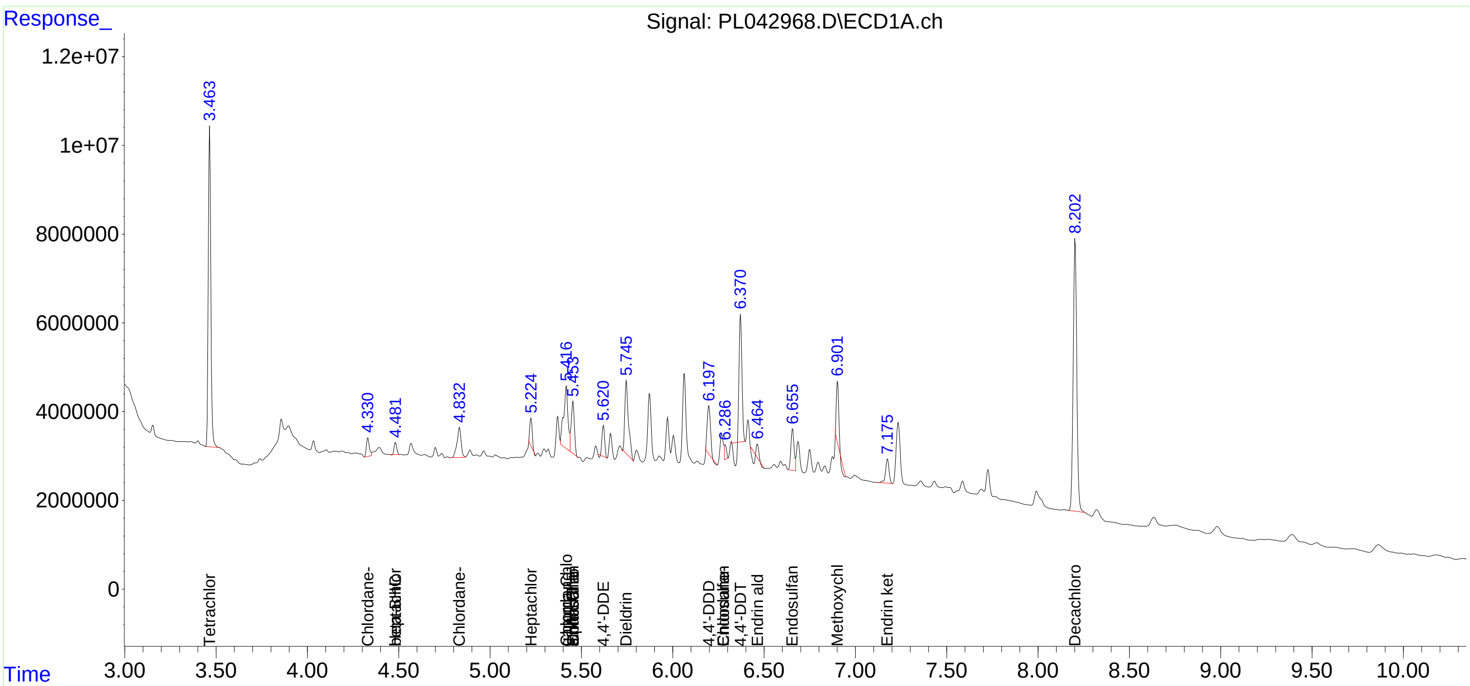
Quantitation Report (Not Reviewed)

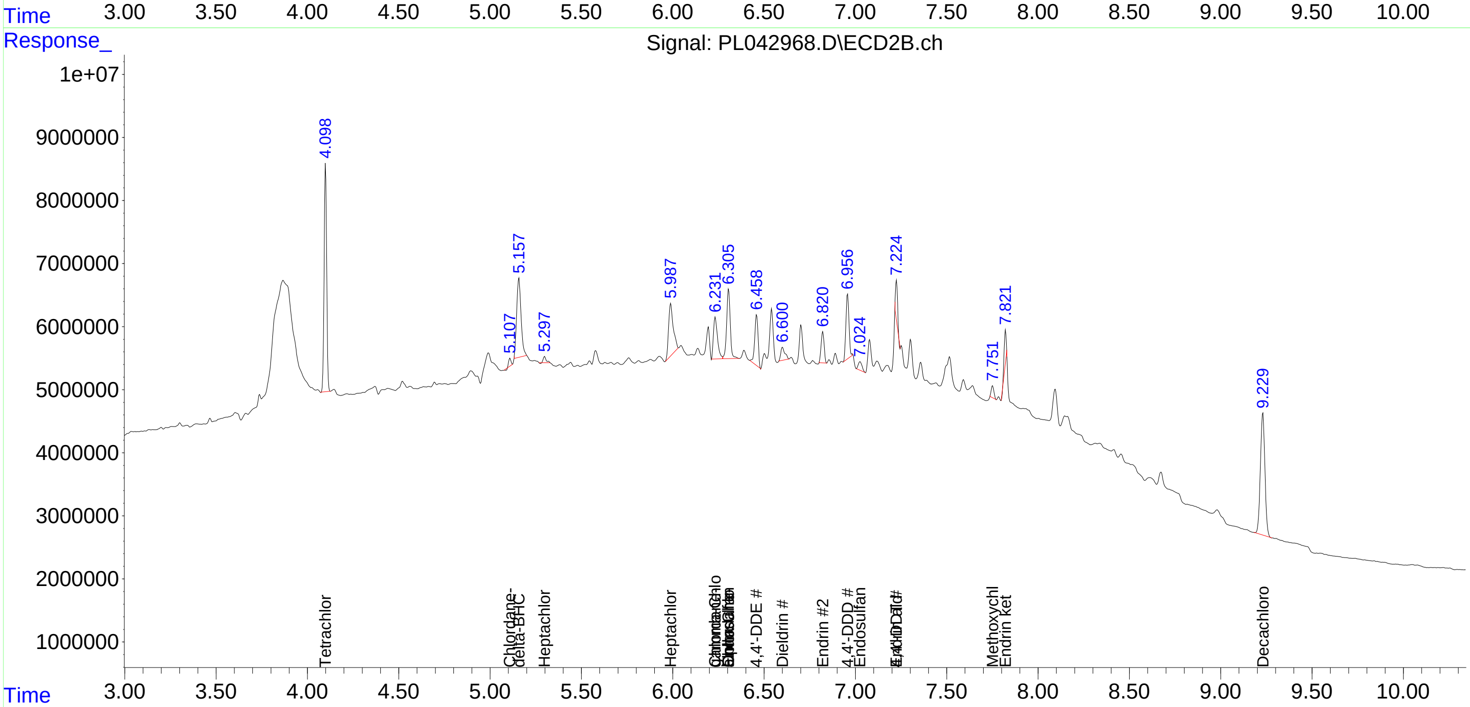
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121118\
Data File : PL042968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 20:52
Operator : AJ\SJ
Sample : J6193-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

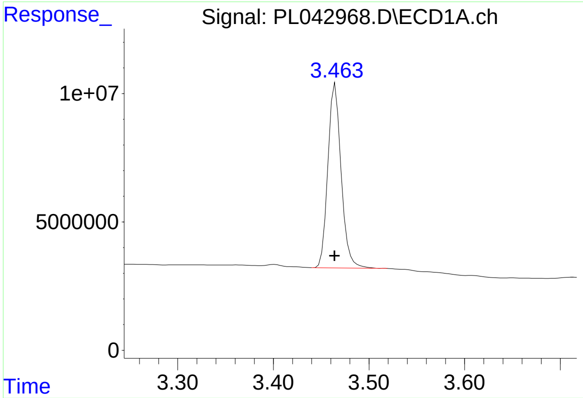
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 00:33:41 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120618.M
Quant Title : GC Extractables
QLast Update : Fri Dec 07 00:20:08 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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



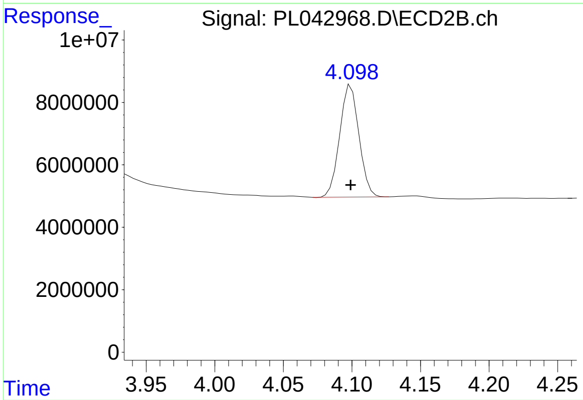




#1 Tetrachloro-m-xylene

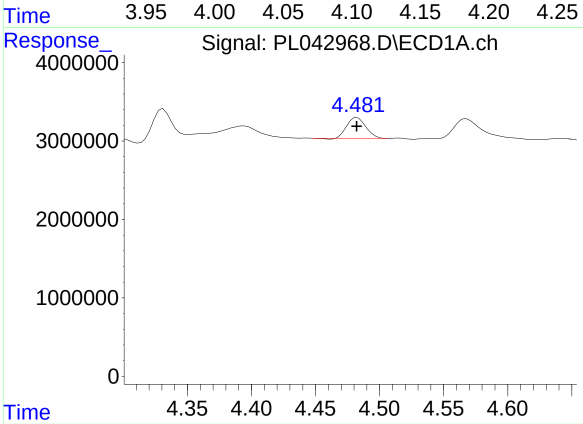
R.T.: 3.465 min
Delta R.T.: 0.000 min
Response: 68978575
Conc: 11.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



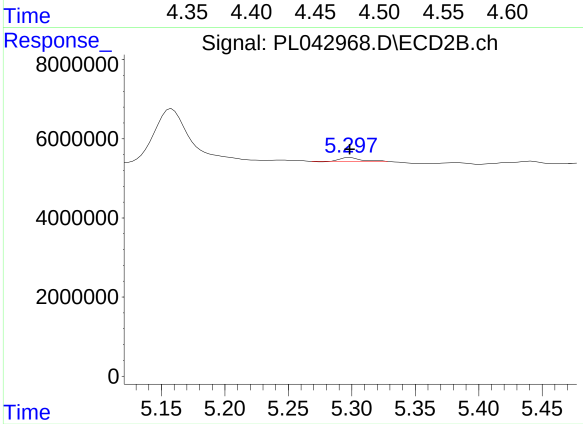
#1 Tetrachloro-m-xylene

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 35186368
Conc: 11.87 ng/ml



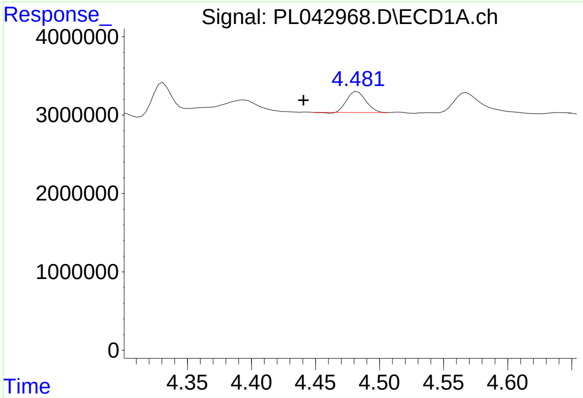
#4 Heptachlor

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 2741114
Conc: 0.31 ng/ml



#4 Heptachlor

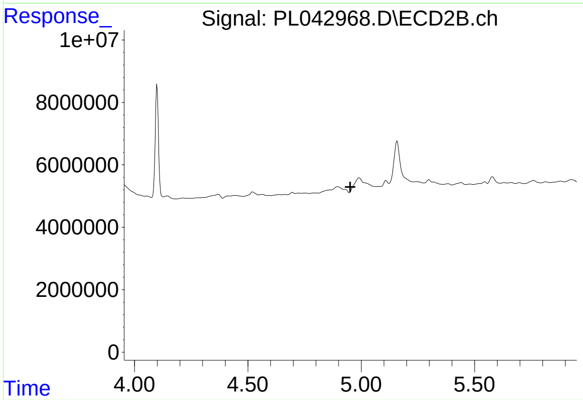
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 1073183
Conc: 0.26 ng/ml



#6 beta-BHC

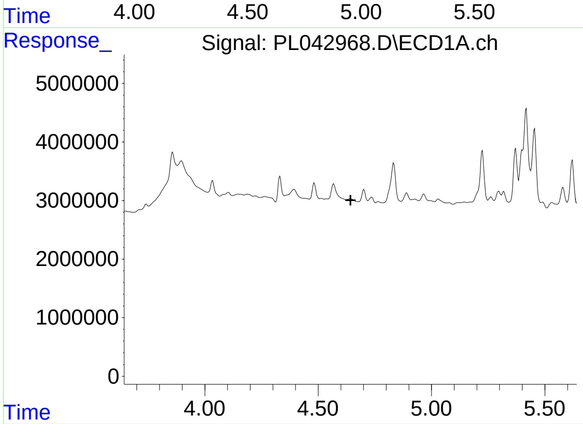
R.T.: 4.483 min
Delta R.T.: 0.042 min
Response: 2741114
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



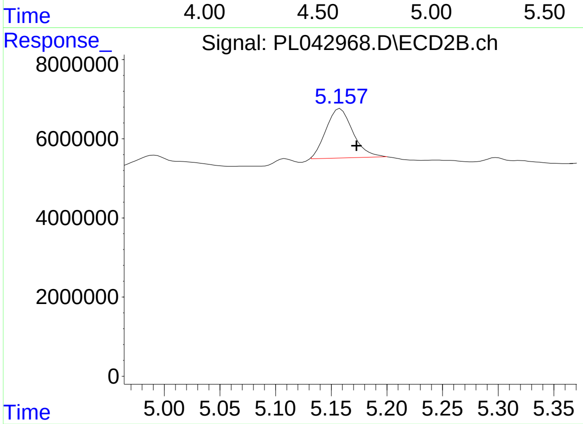
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.952 min
Response: 0
Conc: N.D.



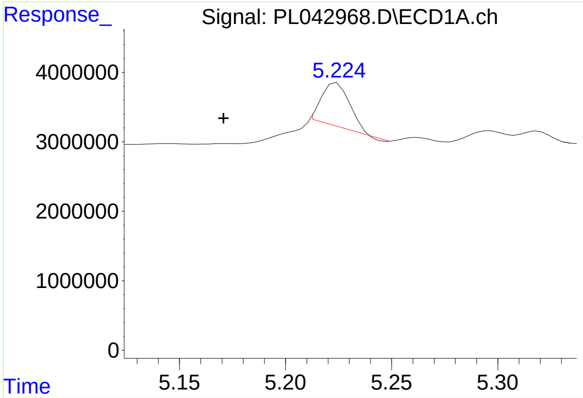
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.643 min
Response: 0
Conc: N.D.



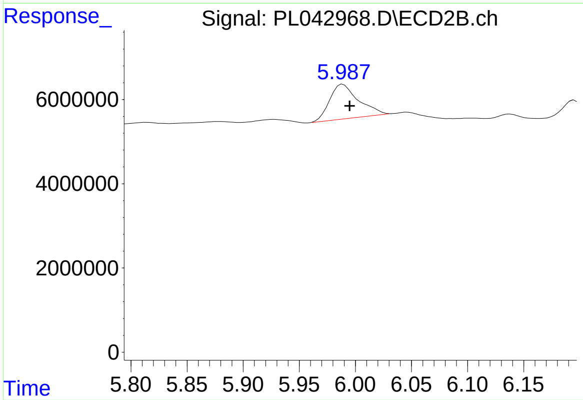
#7 delta-BHC

R.T.: 5.158 min
Delta R.T.: -0.015 min
Response: 20998172
Conc: 4.89 ng/ml



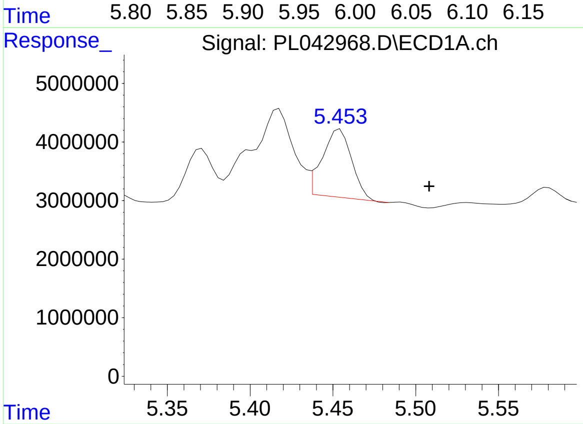
#8 Heptachlor epoxide

R.T.: 5.224 min
Delta R.T.: 0.053 min
Response: 5721332
Conc: 0.72 ng/ml



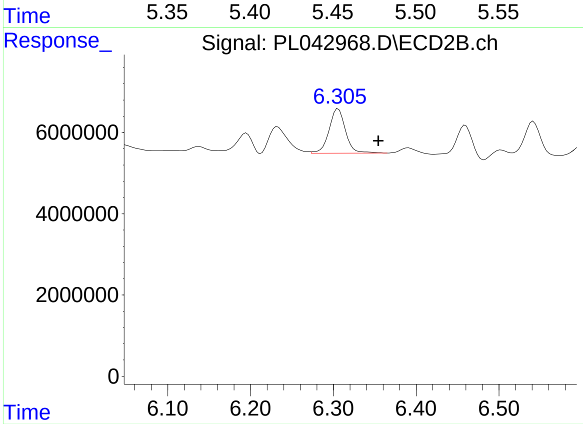
#8 Heptachlor epoxide

R.T.: 5.989 min
Delta R.T.: -0.006 min
Response: 15008013
Conc: 3.96 ng/ml



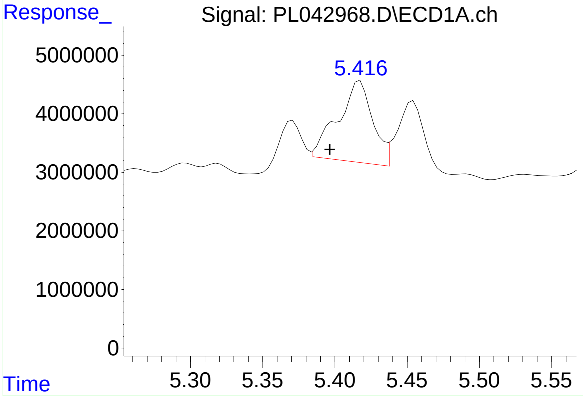
#9 Endosulfan I

R.T.: 5.454 min
Delta R.T.: -0.054 min
Response: 14361493
Conc: 1.96 ng/ml



#9 Endosulfan I

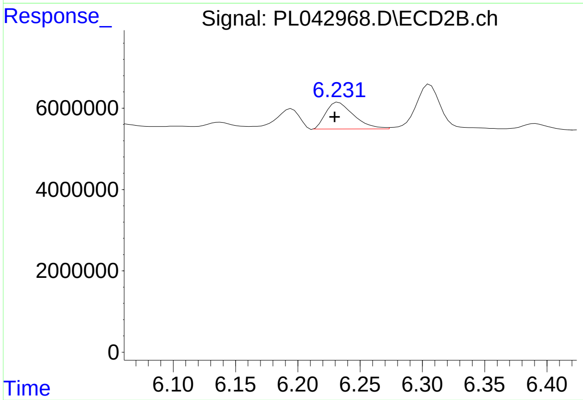
R.T.: 6.306 min
Delta R.T.: -0.048 min
Response: 15076615
Conc: 4.44 ng/ml



#10 gamma-Chlordane

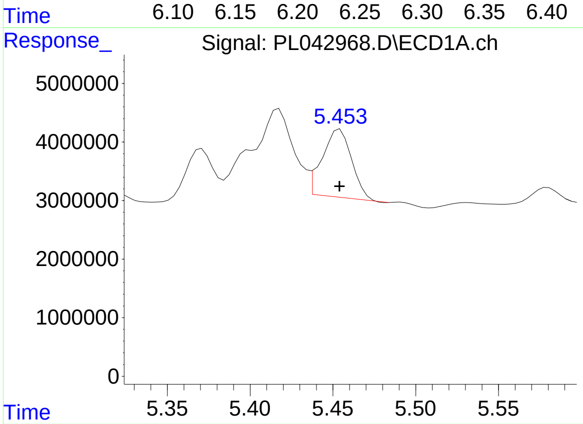
```
     R.T.:     5.417 min
Delta R.T.:     0.021 min
  Response:   23355858
      Conc:    2.90 ng/ml
```

Instrument :
ECD_L
ClientSampleId :



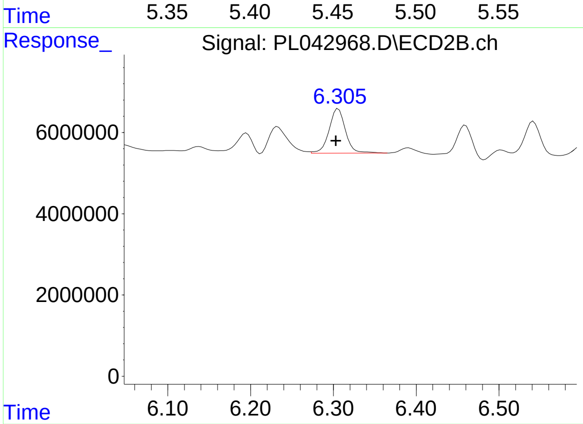
#10 gamma-Chlordane

```
     R.T.:     6.232 min
Delta R.T.:     0.003 min
  Response:   10311564
      Conc:    2.81 ng/ml
```



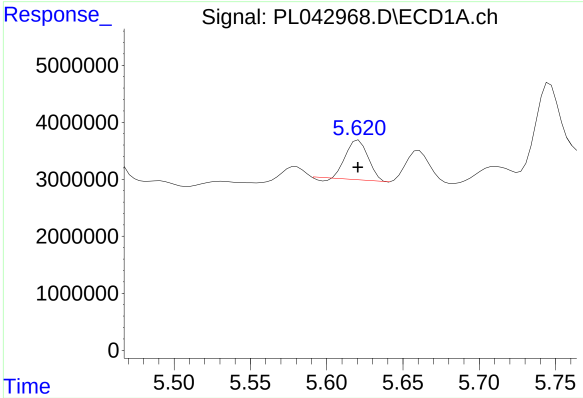
#11 alpha-Chlordane

```
     R.T.:     5.454 min
Delta R.T.:     0.000 min
  Response:   14361493
      Conc:    1.81 ng/ml
```



#11 alpha-Chlordane

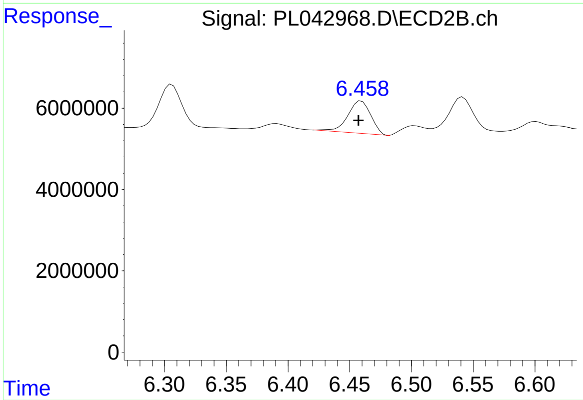
```
     R.T.:     6.306 min
Delta R.T.:     0.003 min
  Response:   15076615
      Conc:    4.19 ng/ml
```



#12 4,4'-DDE

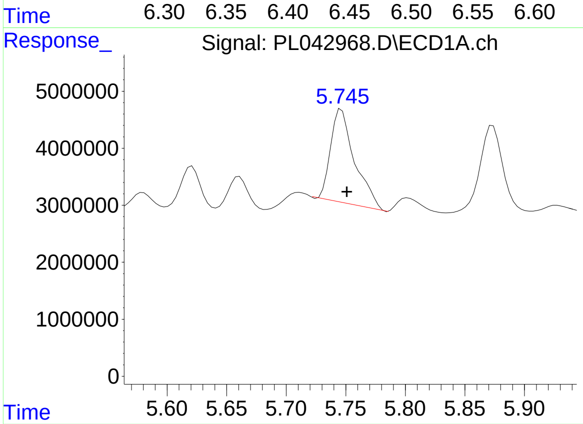
R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 6898302
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



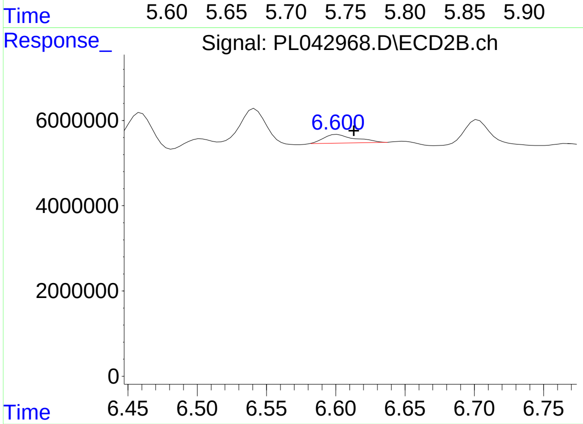
#12 4,4'-DDE

R.T.: 6.459 min
Delta R.T.: 0.002 min
Response: 10368917
Conc: 2.86 ng/ml



#13 Dieldrin

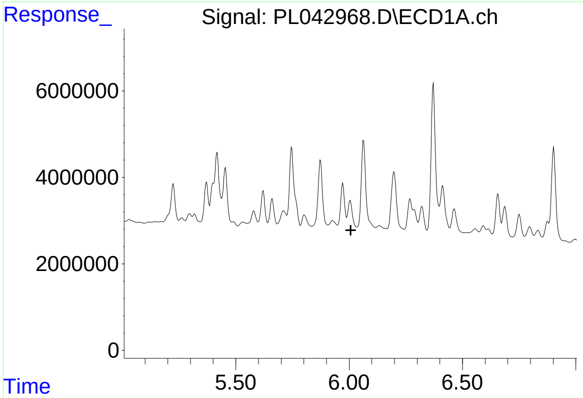
R.T.: 5.746 min
Delta R.T.: -0.005 min
Response: 22931465
Conc: 2.95 ng/ml



#13 Dieldrin

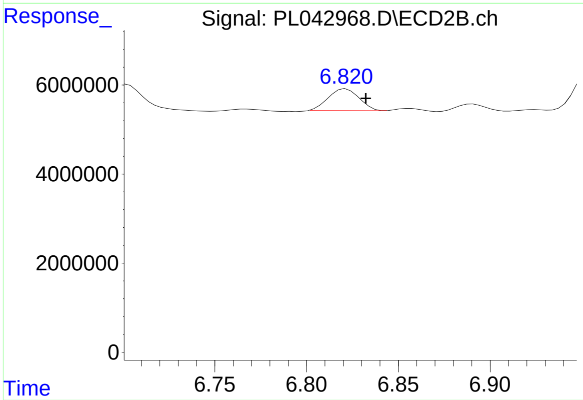
R.T.: 6.601 min
Delta R.T.: -0.012 min
Response: 3190220
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



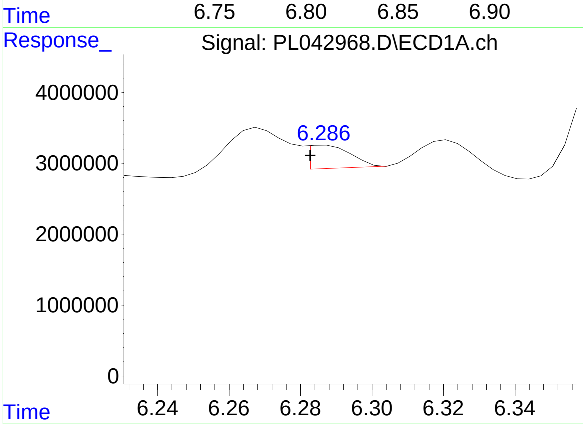
#14 Endrin

R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: -2296371
Conc: N.D.



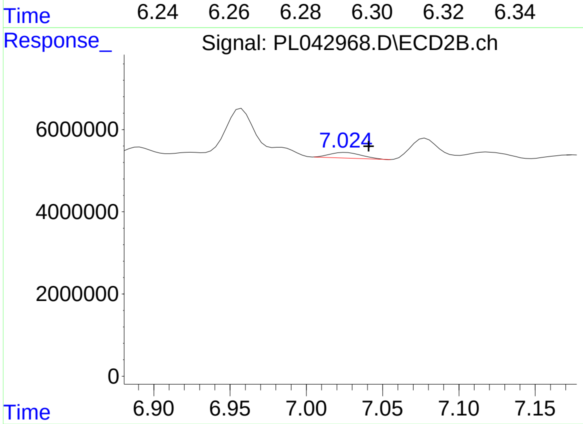
#14 Endrin

R.T.: 6.821 min
Delta R.T.: -0.011 min
Response: 5716242
Conc: 1.83 ng/ml



#15 Endosulfan II

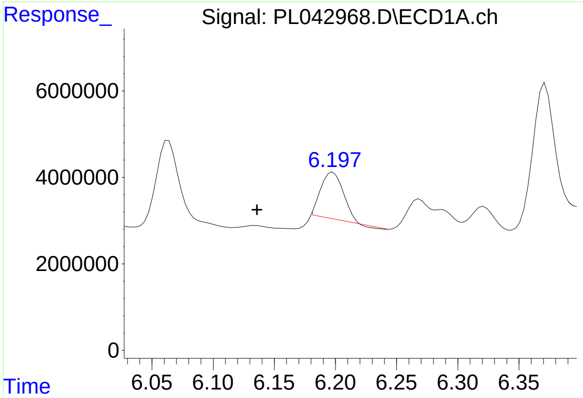
R.T.: 6.286 min
Delta R.T.: 0.004 min
Response: 2662231
Conc: 0.40 ng/ml



#15 Endosulfan II

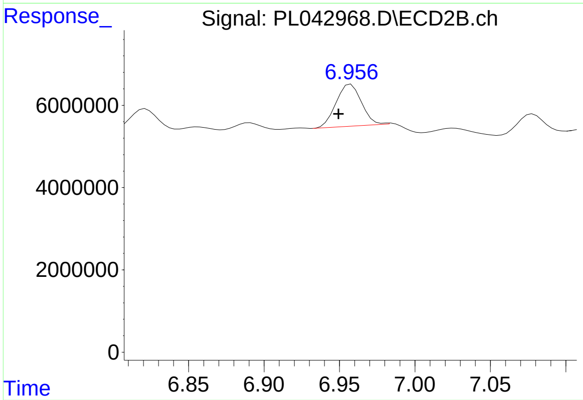
R.T.: 7.025 min
Delta R.T.: -0.015 min
Response: 2005678
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



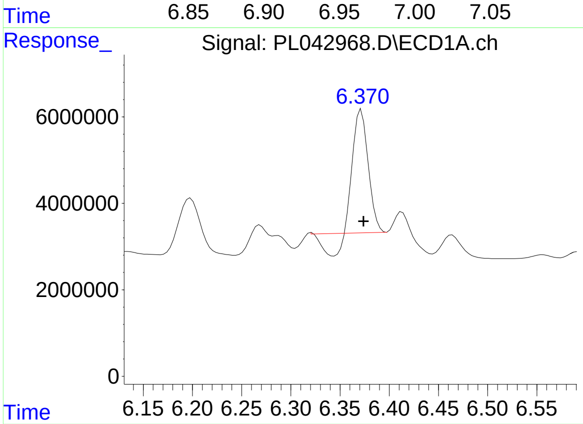
#16 4,4'-DDD

R.T.: 6.198 min
Delta R.T.: 0.062 min
Response: 13522448
Conc: 2.38 ng/ml



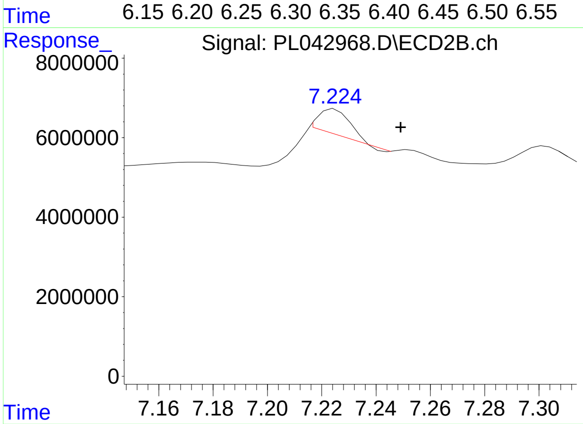
#16 4,4'-DDD

R.T.: 6.957 min
Delta R.T.: 0.008 min
Response: 12033913
Conc: 4.10 ng/ml



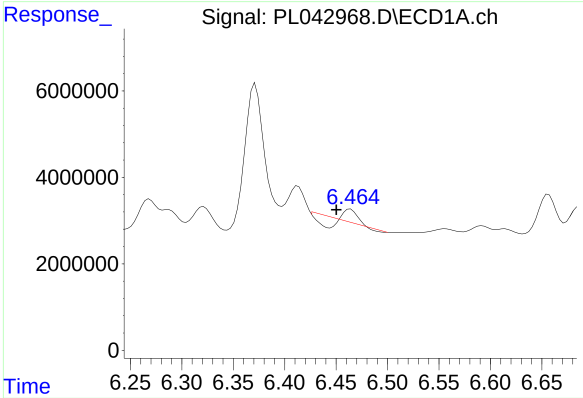
#17 4,4'-DDT

R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 25742665
Conc: 4.33 ng/ml



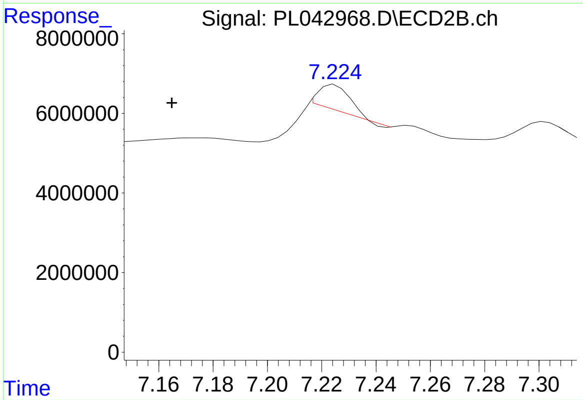
#17 4,4'-DDT

R.T.: 7.225 min
Delta R.T.: -0.024 min
Response: 5058315
Conc: 1.72 ng/ml

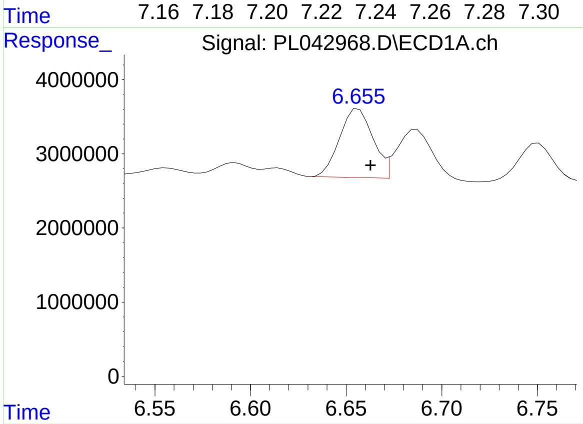



```
#18  Endrin aldehyde

      R.T.:    6.464 min
Delta R.T.:    0.014 min
  Response:    344168
      Conc:   0.06 ng/ml
```

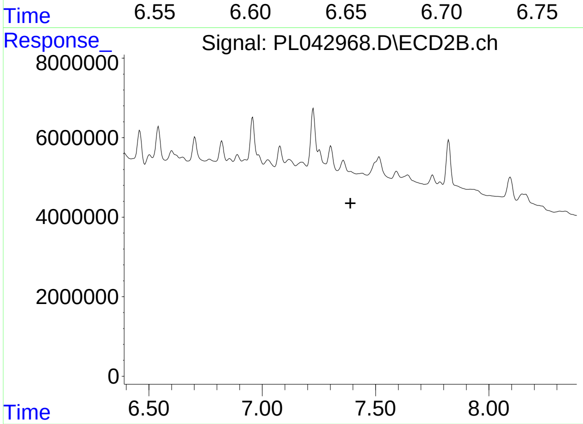
Instrument :
ECD_L
ClientSampleId :



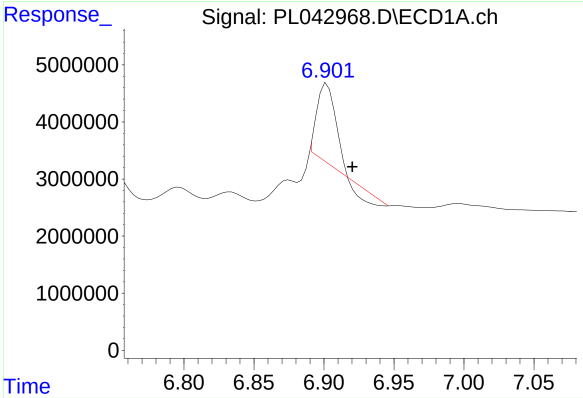

```
#18  Endrin aldehyde

      R.T.:    7.225 min
Delta R.T.:    0.060 min
  Response:   5058315
      Conc:   2.02 ng/ml
```




```
#19  Endosulfan Sulfate

      R.T.:    6.656 min
Delta R.T.:   -0.006 min
  Response:  11288751
      Conc:   1.69 ng/ml
```



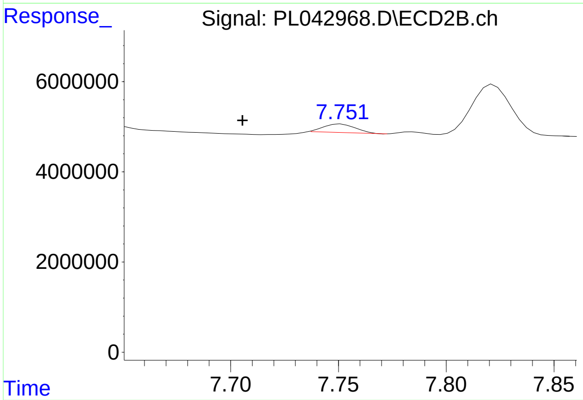

```
#19  Endosulfan Sulfate

      R.T.:    0.000 min
Exp R.T.  :    7.389 min
  Response:          0
      Conc:   N.D.
```



#20 Methoxychlor

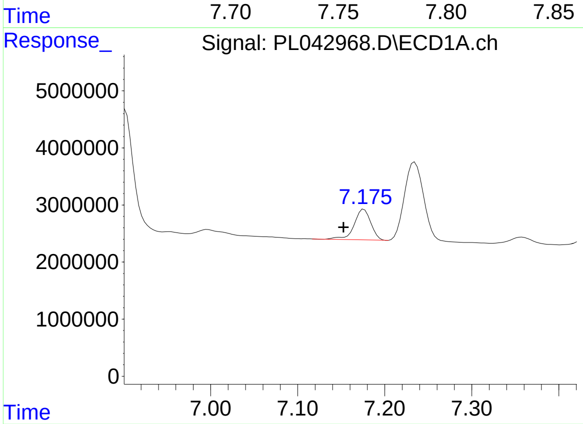
R.T.: 6.902 min
Delta R.T.: -0.018 min
Response: 10951625
Conc: 3.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



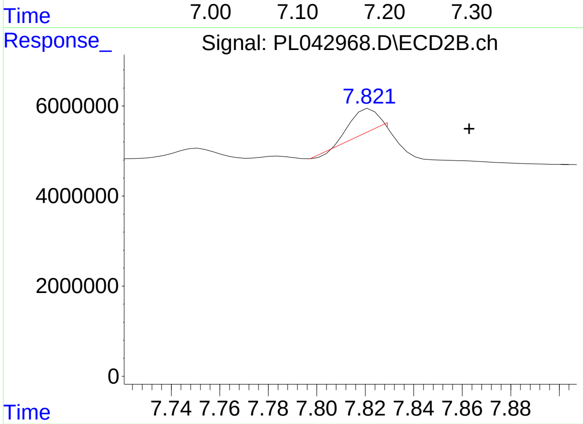
#20 Methoxychlor

R.T.: 7.751 min
Delta R.T.: 0.046 min
Response: 1927867
Conc: 1.28 ng/ml



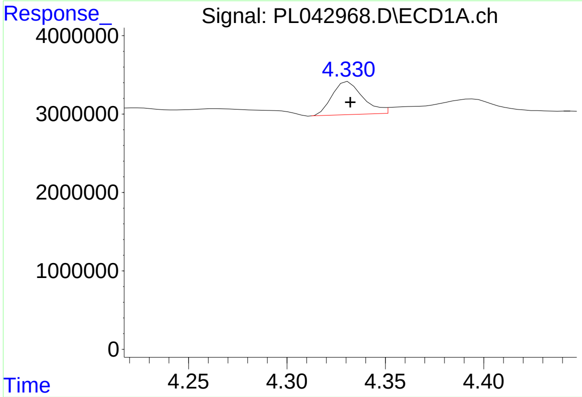
#21 Endrin ketone

R.T.: 7.176 min
Delta R.T.: 0.024 min
Response: 7073537
Conc: 0.98 ng/ml



#21 Endrin ketone

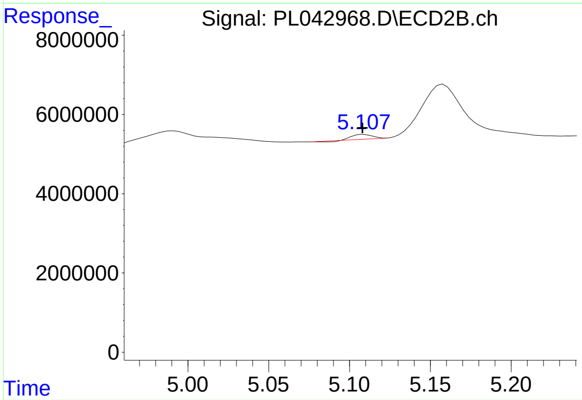
R.T.: 7.822 min
Delta R.T.: -0.041 min
Response: 3932035
Conc: 1.29 ng/ml



#23 Chlordane-1

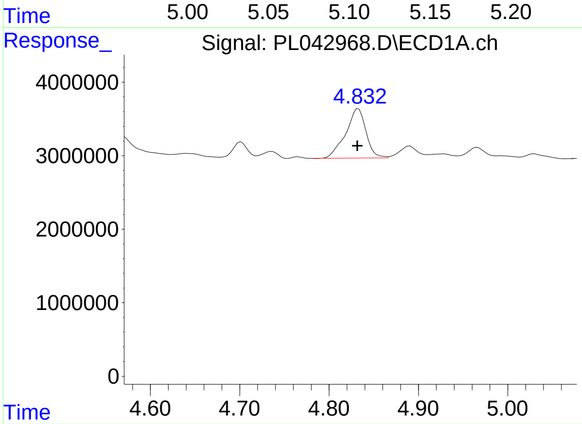
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 4548030
Conc: 16.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



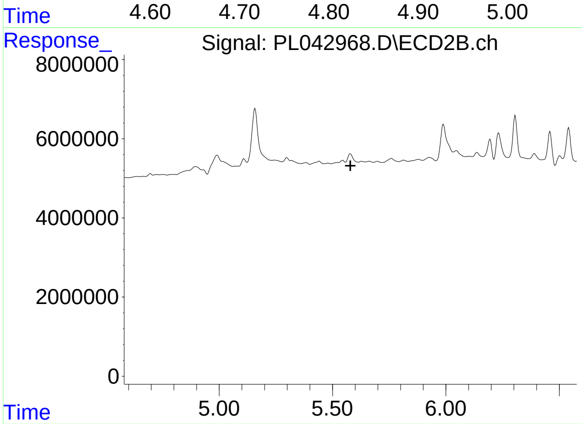
#23 Chlordane-1

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 914619
Conc: 6.47 ng/ml



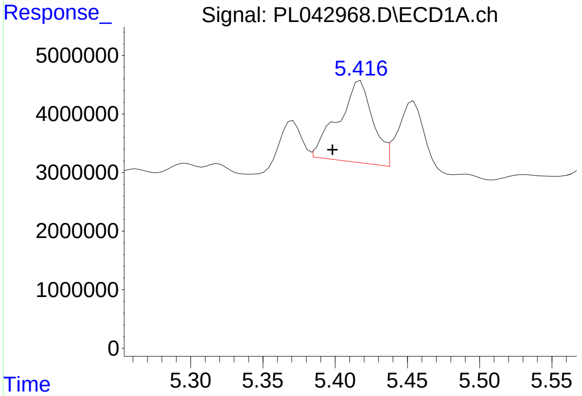
#24 Chlordane-2

R.T.: 4.833 min
Delta R.T.: 0.001 min
Response: 10612929
Conc: 36.98 ng/ml



#24 Chlordane-2

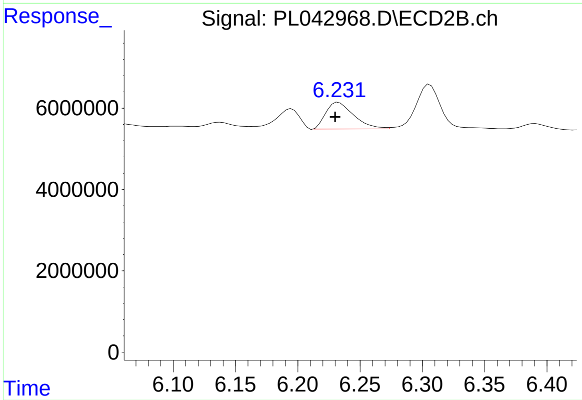
R.T.: 0.000 min
Exp R.T. : 5.579 min
Response: 0
Conc: N.D.



#25 Chlordane-3

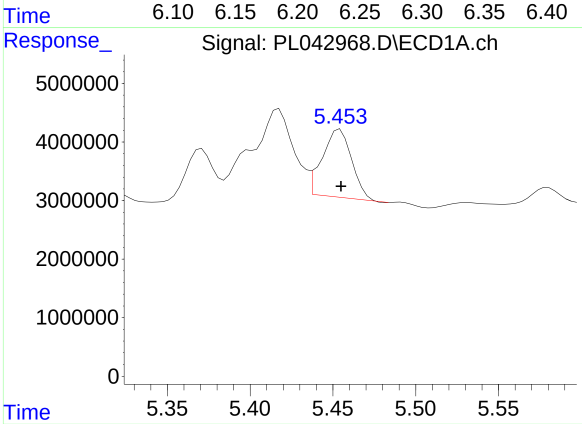
R.T.: 5.417 min
Delta R.T.: 0.019 min
Response: 23355858
Conc: 28.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



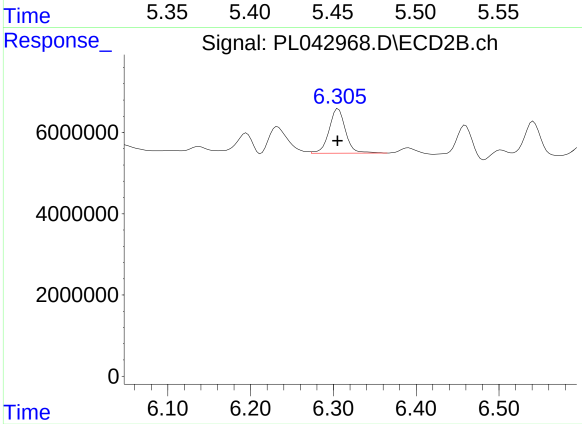
#25 Chlordane-3

R.T.: 6.232 min
Delta R.T.: 0.002 min
Response: 10311564
Conc: 21.00 ng/ml



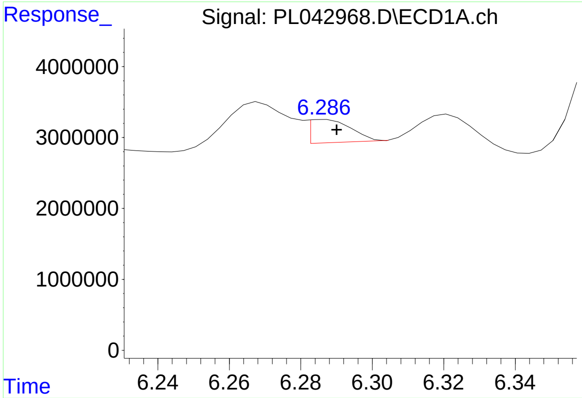
#26 Chlordane-4

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 14361493
Conc: 18.99 ng/ml



#26 Chlordane-4

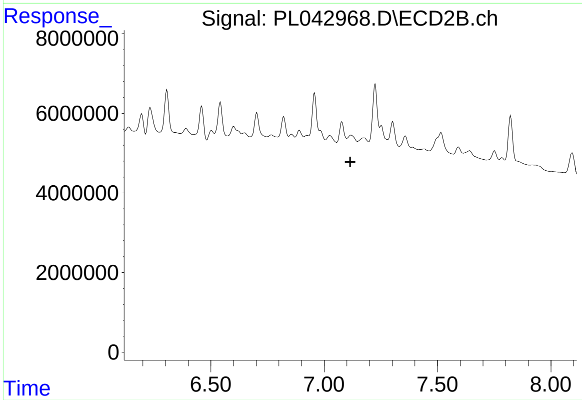
R.T.: 6.306 min
Delta R.T.: 0.001 min
Response: 15076615
Conc: 26.42 ng/ml



#27 Chlordane-5

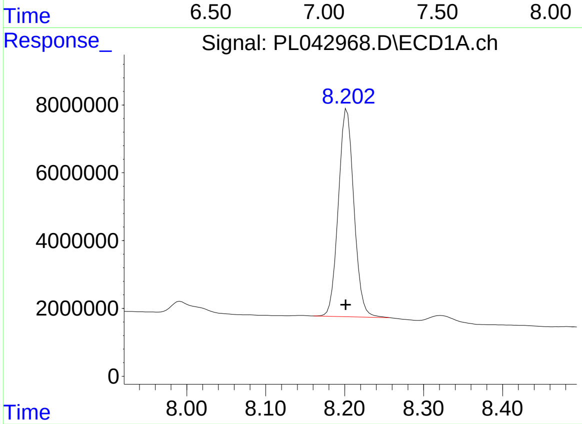
R.T.: 6.286 min
Delta R.T.: -0.004 min
Response: 2662231
Conc: 11.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



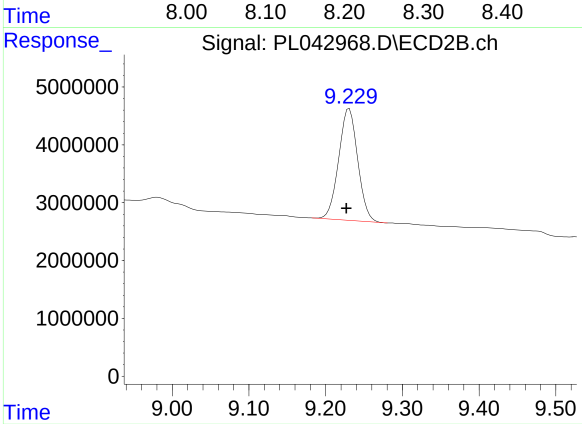
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.115 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: 0.002 min
Response: 84054965
Conc: 12.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.231 min
Delta R.T.: 0.004 min
Response: 33341450
Conc: 12.78 ng/ml