Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094283.D
Signal(s) : Signal #1: ECD1A.ch   Signal #2: ECD2B.ch
Acq On   : 19 Feb 2025 20:29
Operator : AR\AJ
Sample   : Q1383-01MS
Misc   :
ALS Vial : 26   Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:18:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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...	3.536	2.772	86801756	73404942	32.235	22.488	#
28)	SA Decachlor...	9.050	7.905	45917399	74745275	21.950	21.331	
	Target Compounds							
2)	A alpha-BHC	3.992	3.274	158.7E6	216.3E6	41.390	44.242	
3)	MA gamma-BHC...	4.325	3.604	153.0E6	206.6E6	41.533	43.578	
4)	MA Heptachlor	4.912	3.941	146.5E6	213.3E6	44.709	45.826	
5)	MB Aldrin	5.253	4.221	140.7E6	200.5E6	43.009	43.949	
6)	B beta-BHC	4.523	3.903	70548312	90690778	43.892	45.404	
7)	B delta-BHC	4.770	4.132	150.1E6	205.9E6	42.812	43.333	
8)	B Heptachlo...	5.680	4.723	130.5E6	190.6E6	43.876	45.587	
9)	A Endosulfan I	6.065	5.093	115.5E6	180.2E6	43.711	46.469	
10)	B gamma-Chl...	5.936	4.973	129.2E6	205.3E6	46.347	48.447	
11)	B alpha-Chl...	6.015	5.036	124.6E6	197.7E6	44.672	47.213	
12)	B 4,4'-DDE	6.189	5.225	117.1E6	189.3E6	48.086	47.208	
13)	MA Dieldrin	6.340	5.357	121.7E6	197.9E6	43.852	46.069	
14)	MA Endrin	6.570	5.632	107.7E6	175.7E6	45.919	47.573	
15)	B Endosulfa...	6.790	5.927	104.3E6	178.1E6	43.306	48.095	
16)	A 4,4'-DDD	6.706	5.780	91750668	152.7E6	48.276	48.376	
17)	MA 4,4'-DDT	7.020	6.030	96974064	167.3E6	49.174	51.414	
18)	B Endrin al...	6.920	6.106	81934870	131.7E6	42.146	43.246	
19)	B Endosulfa...	7.155	6.329	99038645	165.8E6	43.750	46.481	
20)	A Methoxychlor	7.496	6.605	51457324	85483045	49.317	47.806	
21)	B Endrin ke...	7.639	6.834	109.9E6	190.3E6	43.550	45.364	
22)	Mirex	8.112	7.014	84910182	144.4E6	40.773	42.692	
23)	Chlordane-1	0.000	3.761	0	353599	N.D.	2.833	#
24)	Chlordane-2	5.253f	4.359	140.7E6	1136640	1201.939	7.747	#
25)	Chlordane-3	5.936	4.973	129.2E6	205.3E6	329.334	472.153	#
26)	Chlordane-4	6.015	5.036	124.6E6	197.7E6	264.970	466.540	#
27)	Chlordane-5	0.000	5.927	0	178.1E6	N.D.	1163.044	#

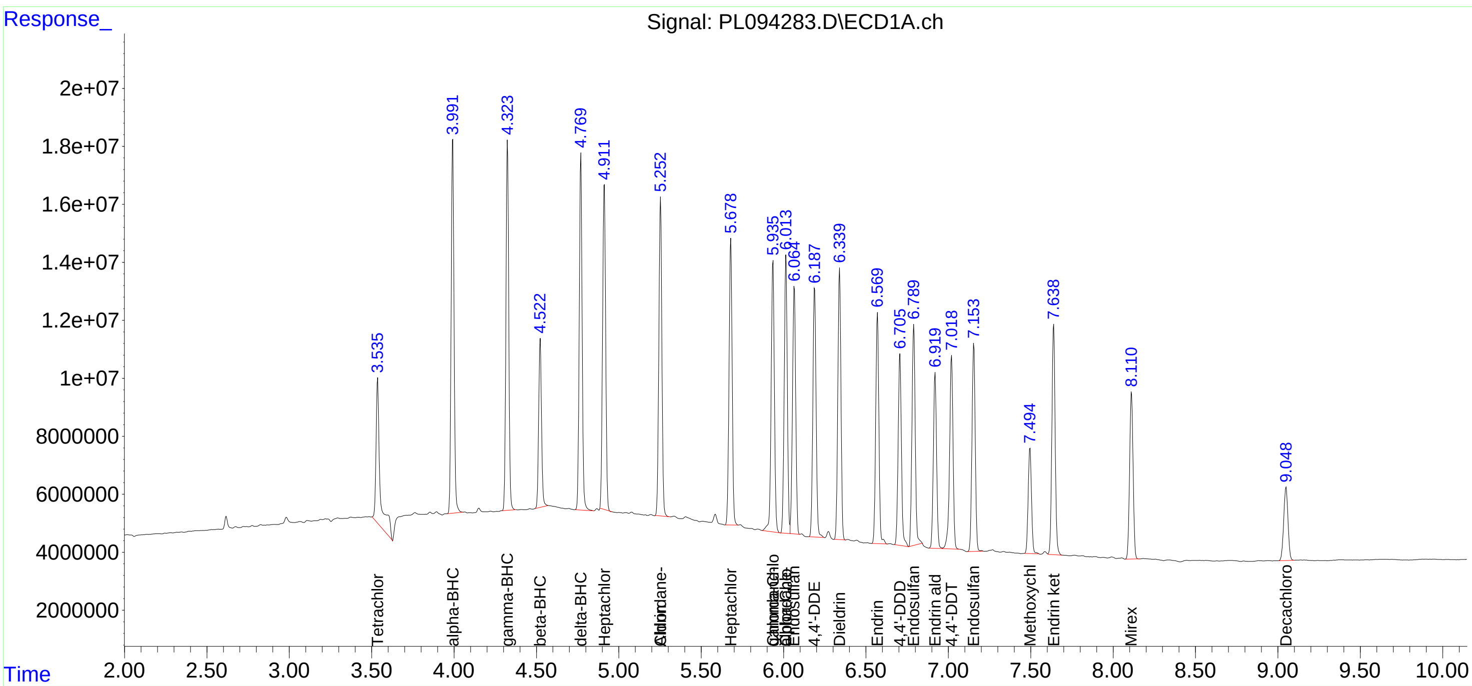
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

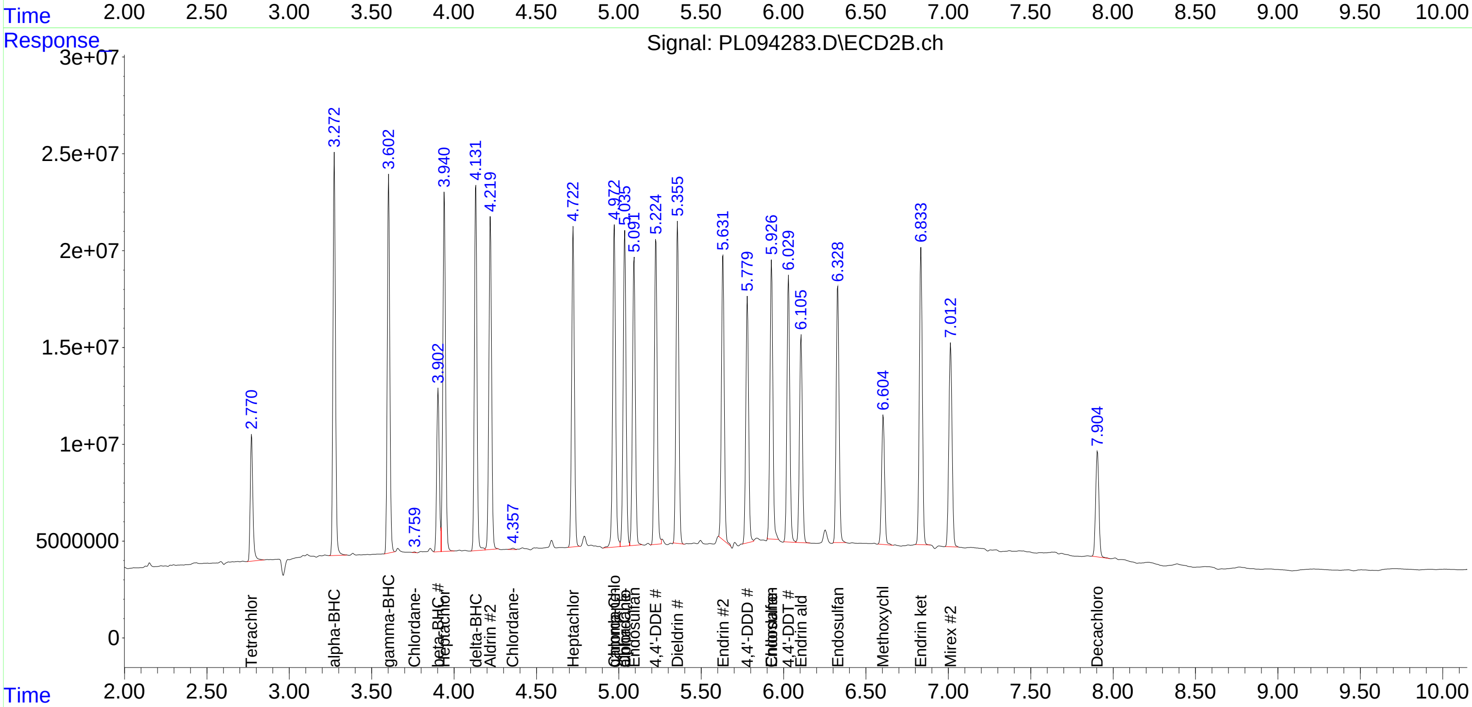
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:29
Operator : AR\AJ
Sample : Q1383-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

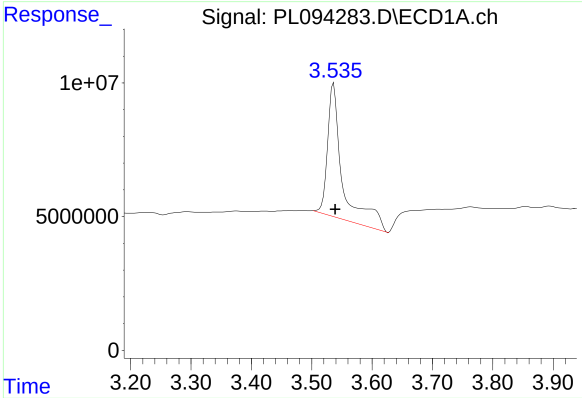
Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:18:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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



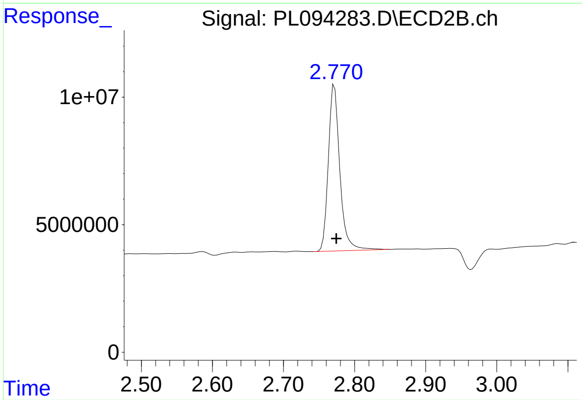




#1 Tetrachloro-m-xylene

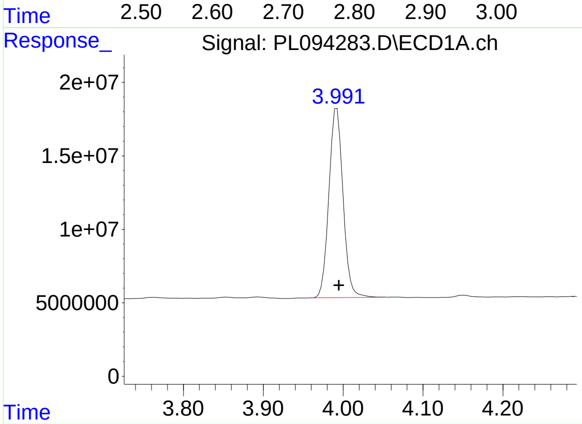
R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 86801756
Conc: 32.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



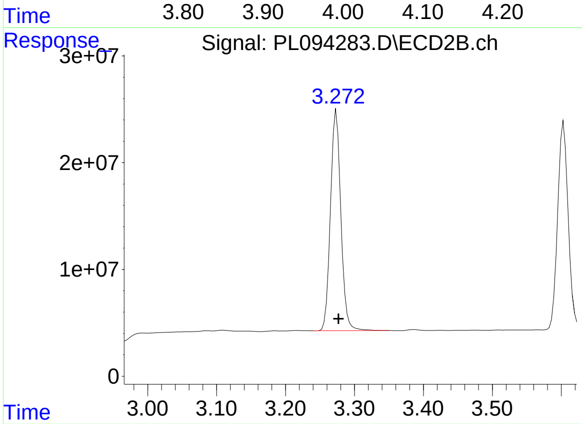
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 73404942
Conc: 22.49 ng/ml



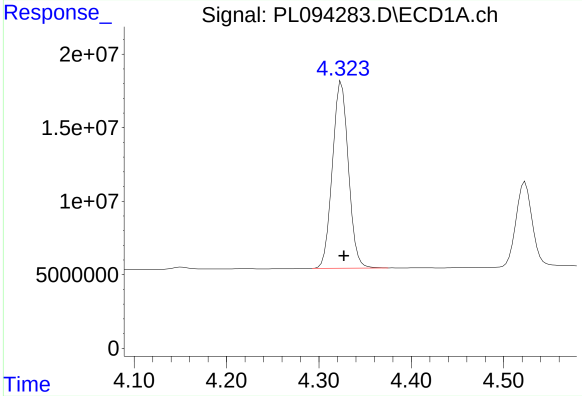
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 158682445
Conc: 41.39 ng/ml



#2 alpha-BHC

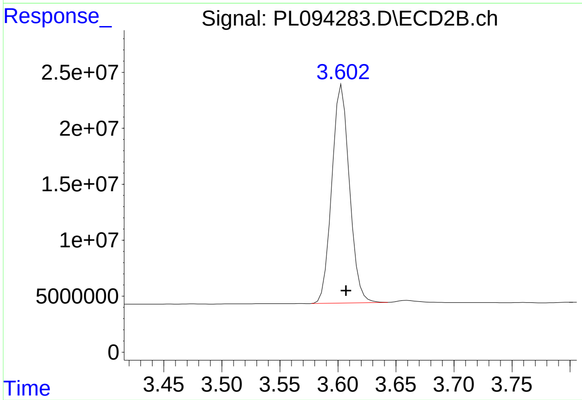
R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 216299097
Conc: 44.24 ng/ml



#3 gamma-BHC (Lindane)

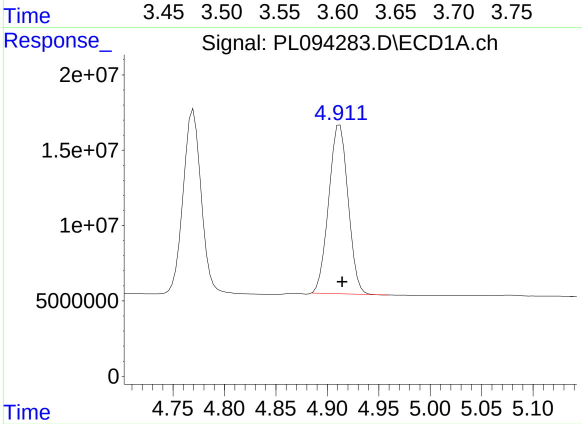
R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 152960122
Conc: 41.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



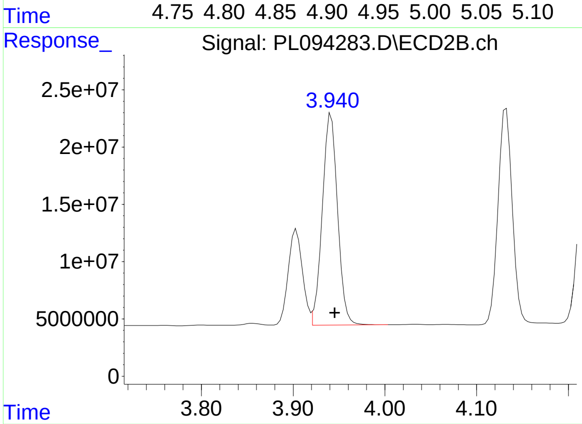
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.004 min
Response: 206611615
Conc: 43.58 ng/ml



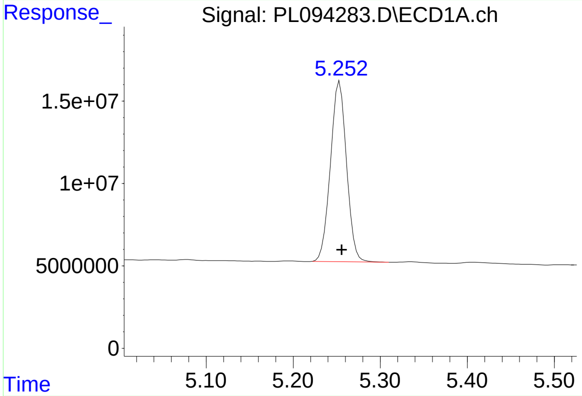
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 146527768
Conc: 44.71 ng/ml



#4 Heptachlor

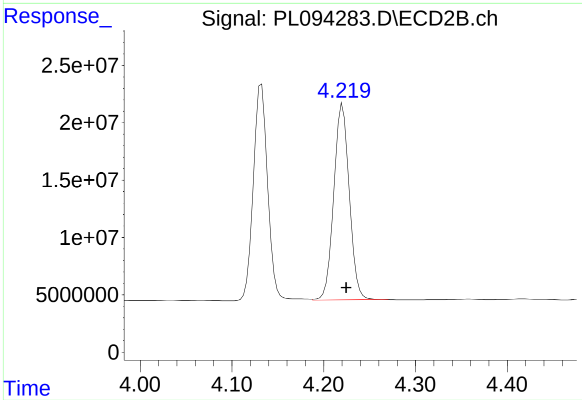
R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 213308463
Conc: 45.83 ng/ml



#5 Aldrin

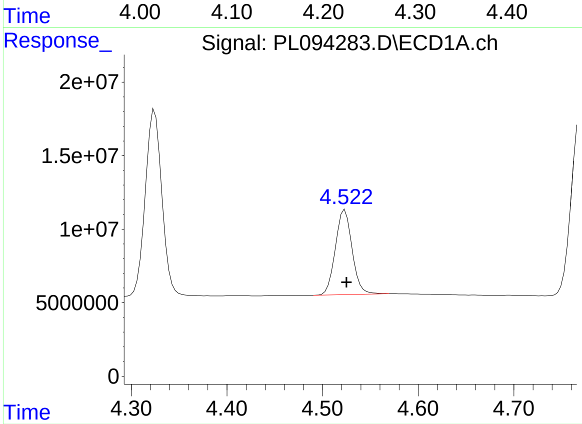
R.T.: 5.253 min
Delta R.T.: -0.002 min
Response: 140723800
Conc: 43.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



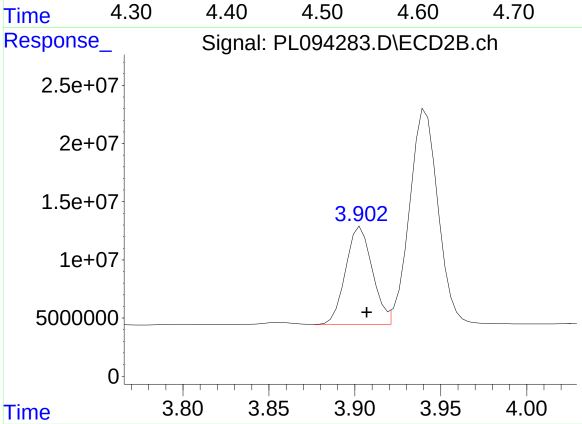
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.004 min
Response: 200485763
Conc: 43.95 ng/ml



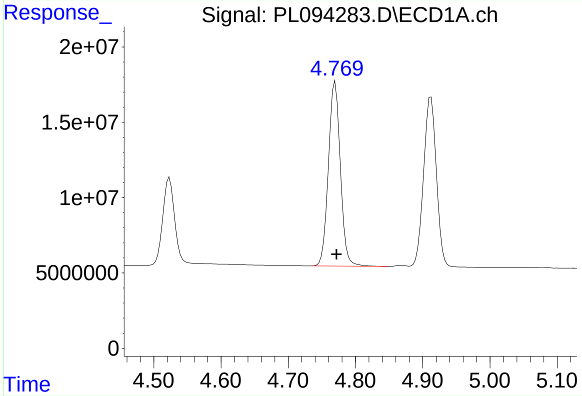
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 70548312
Conc: 43.89 ng/ml



#6 beta-BHC

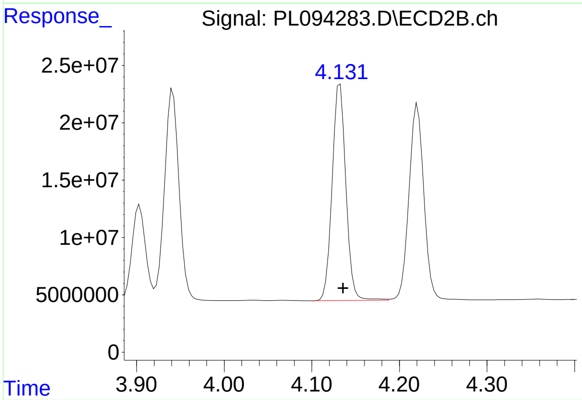
R.T.: 3.903 min
Delta R.T.: -0.003 min
Response: 90690778
Conc: 45.40 ng/ml



#7 delta-BHC

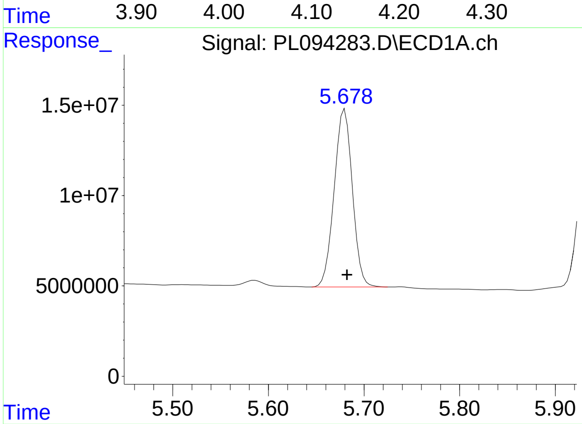
R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 150067682
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



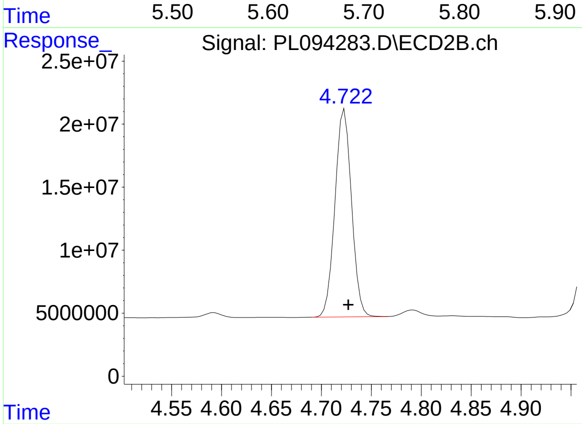
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.003 min
Response: 205884459
Conc: 43.33 ng/ml



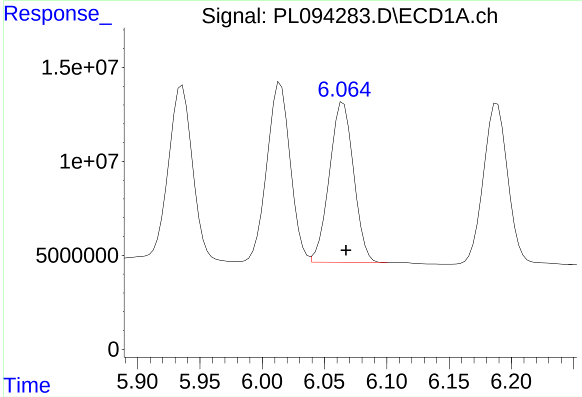
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 130480987
Conc: 43.88 ng/ml



#8 Heptachlor epoxide

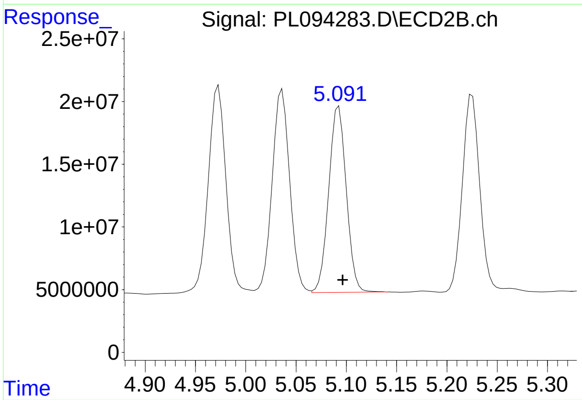
R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 190564032
Conc: 45.59 ng/ml



#9 Endosulfan I

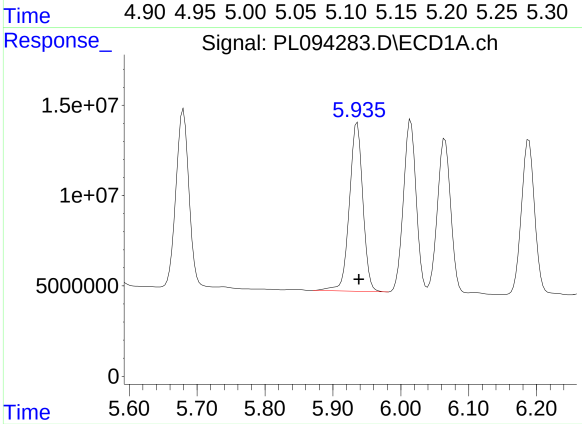
R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 115523010
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



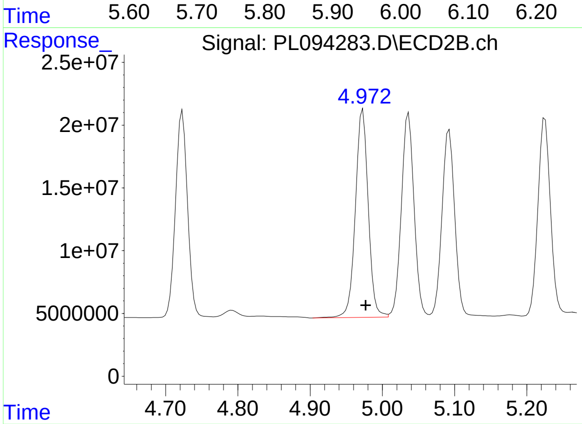
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.004 min
Response: 180154864
Conc: 46.47 ng/ml



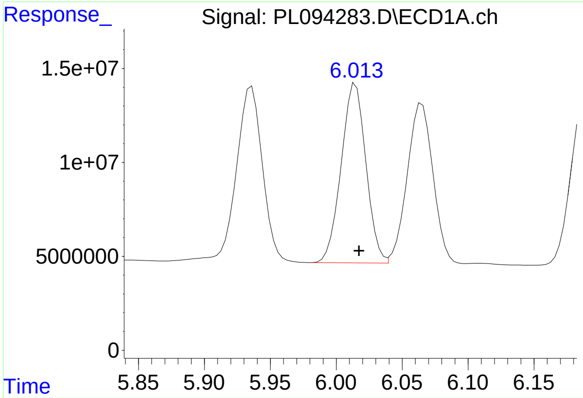
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 129186256
Conc: 46.35 ng/ml



#10 gamma-Chlordane

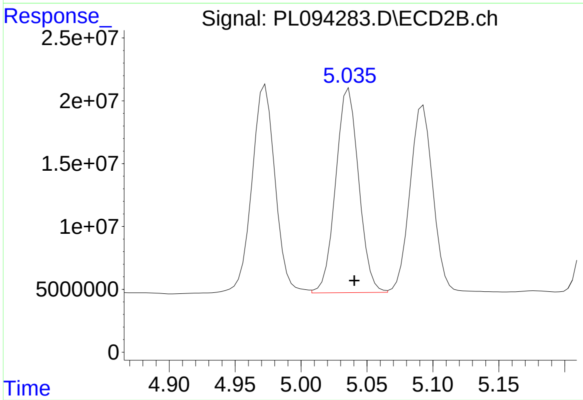
R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 205302048
Conc: 48.45 ng/ml



#11 alpha-Chlordane

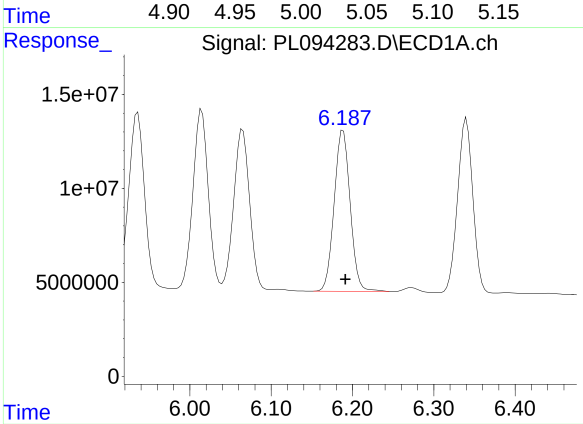
R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 124564375
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



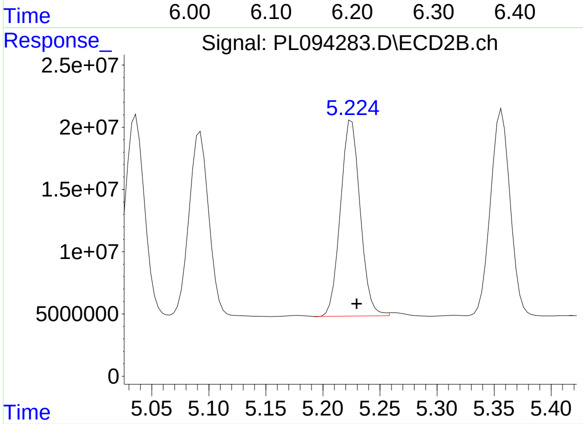
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.004 min
Response: 197658395
Conc: 47.21 ng/ml



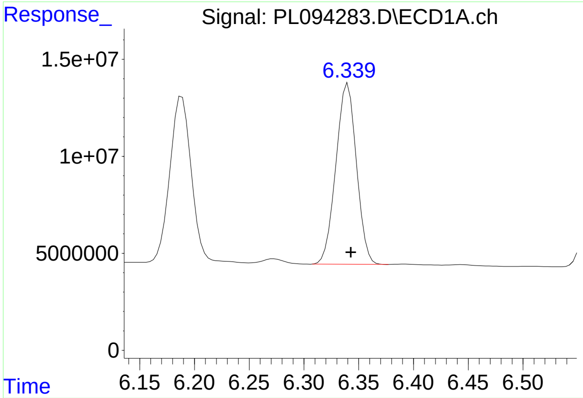
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 117070831
Conc: 48.09 ng/ml



#12 4,4'-DDE

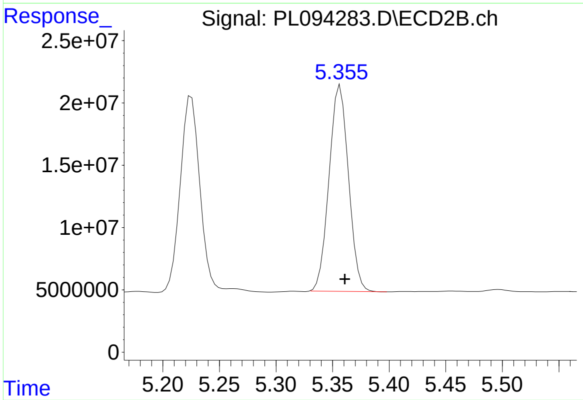
R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 189277791
Conc: 47.21 ng/ml



#13 Dieldrin

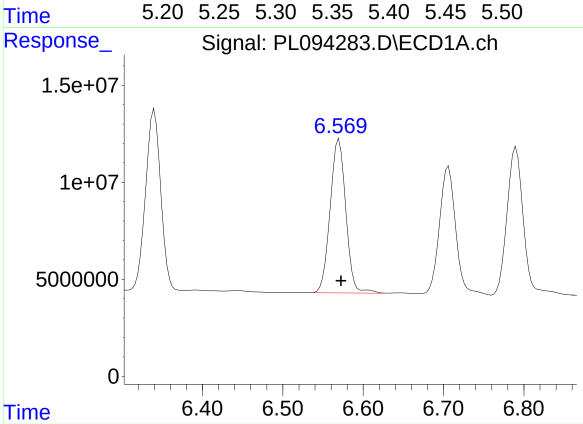
```
      R.T.:    6.340 min
Delta R.T.:   -0.003 min
  Response: 121726184
      Conc:  43.85 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



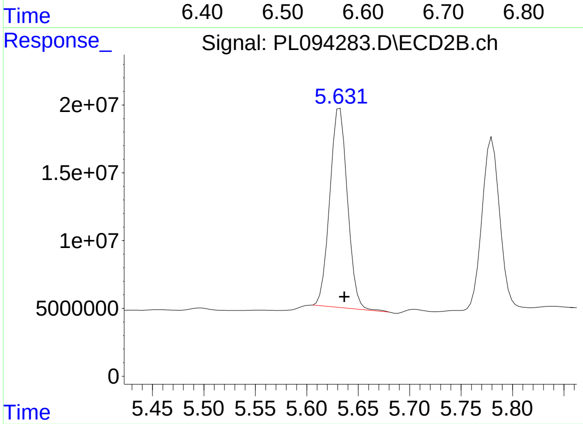
#13 Dieldrin

```
      R.T.:    5.357 min
Delta R.T.:   -0.004 min
  Response: 197896568
      Conc:  46.07 ng/ml
```



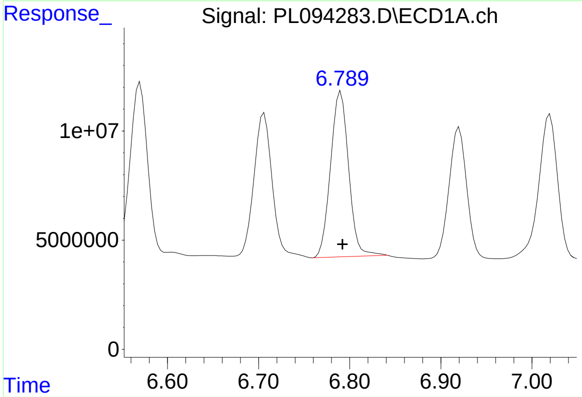
#14 Endrin

```
      R.T.:    6.570 min
Delta R.T.:   -0.002 min
  Response: 107670557
      Conc:  45.92 ng/ml
```



#14 Endrin

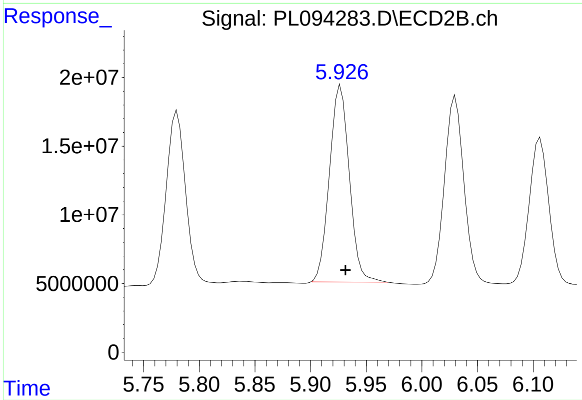
```
      R.T.:    5.632 min
Delta R.T.:   -0.004 min
  Response: 175672003
      Conc:  47.57 ng/ml
```



#15 Endosulfan II

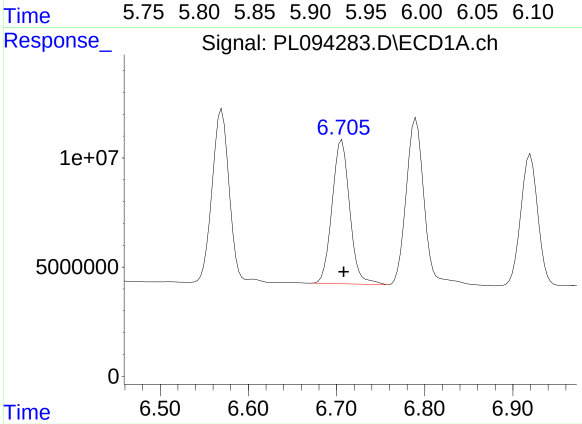
R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 104339123
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



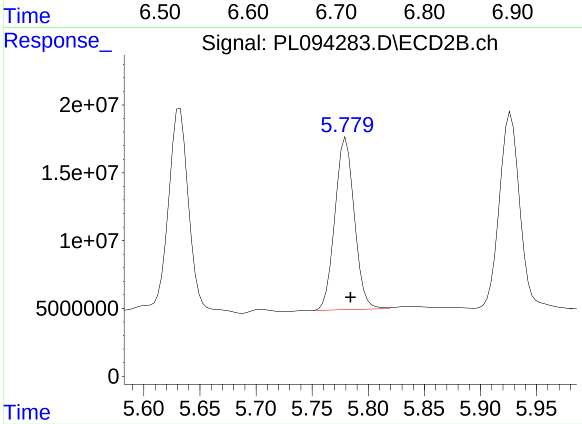
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 178135098
Conc: 48.09 ng/ml



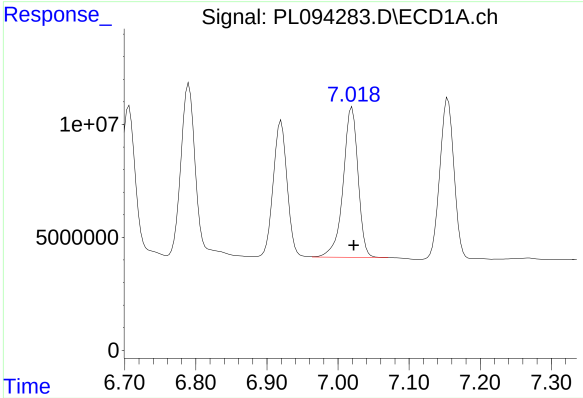
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 91750668
Conc: 48.28 ng/ml



#16 4,4'-DDD

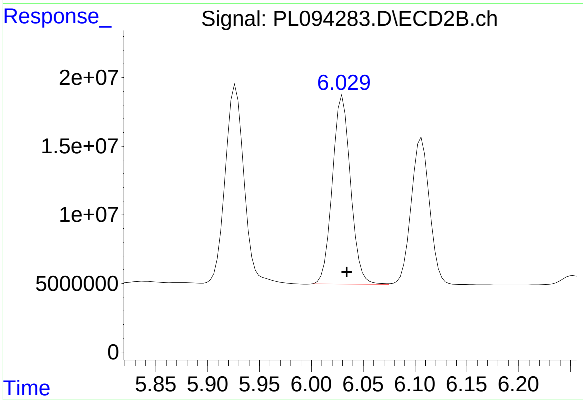
R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 152699765
Conc: 48.38 ng/ml



#17 4,4'-DDT

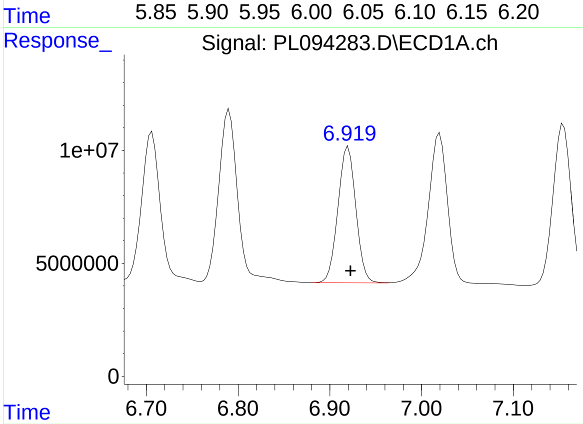
R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 96974064
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



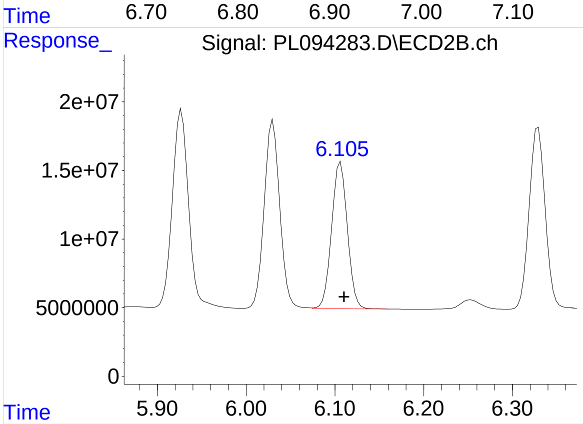
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 167303417
Conc: 51.41 ng/ml



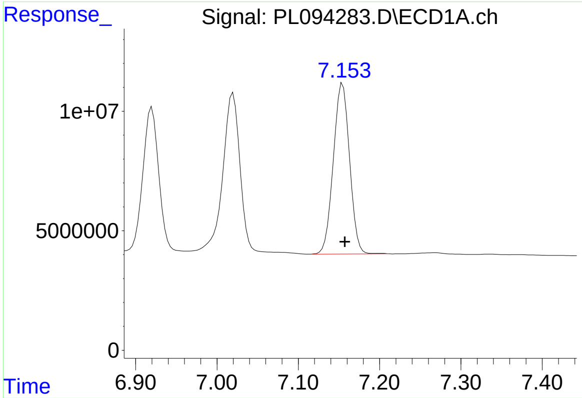
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 81934870
Conc: 42.15 ng/ml



#18 Endrin aldehyde

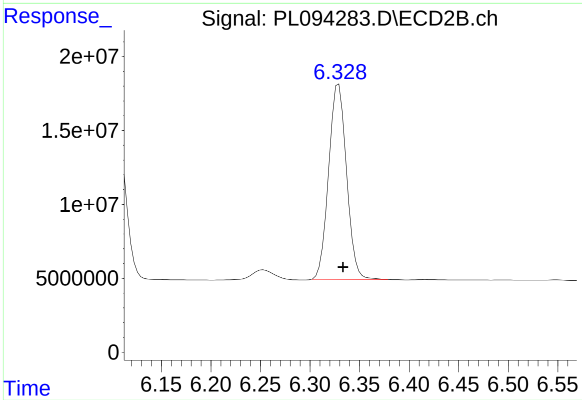
R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 131668853
Conc: 43.25 ng/ml



#19 Endosulfan Sulfate

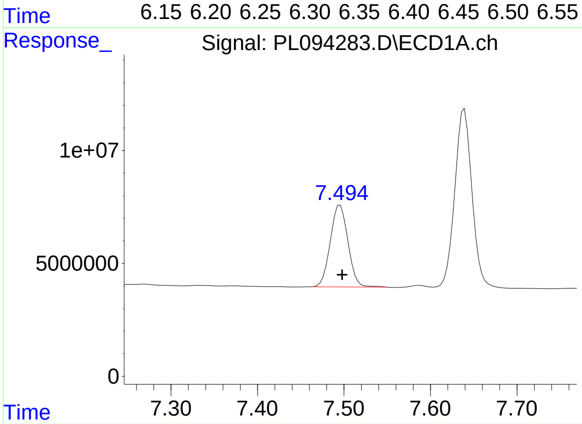
R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 99038645
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



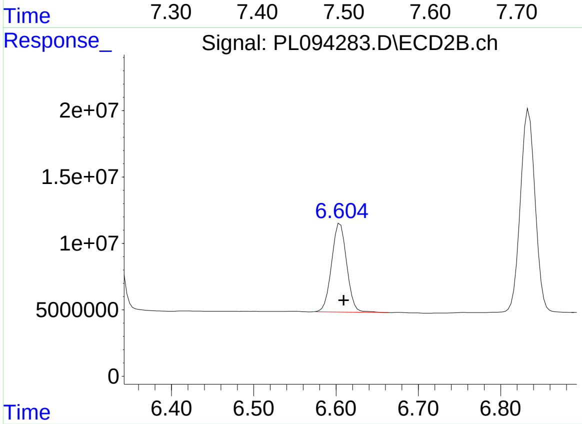
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 165756201
Conc: 46.48 ng/ml



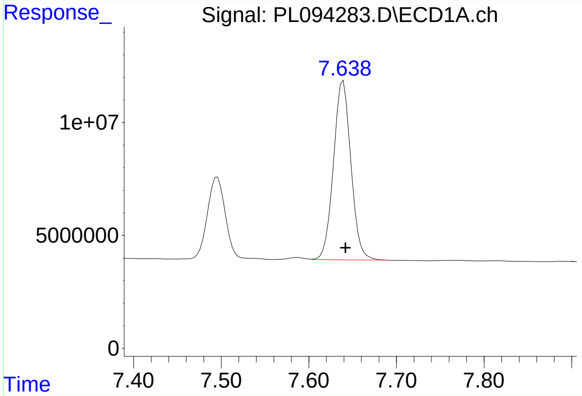
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 51457324
Conc: 49.32 ng/ml



#20 Methoxychlor

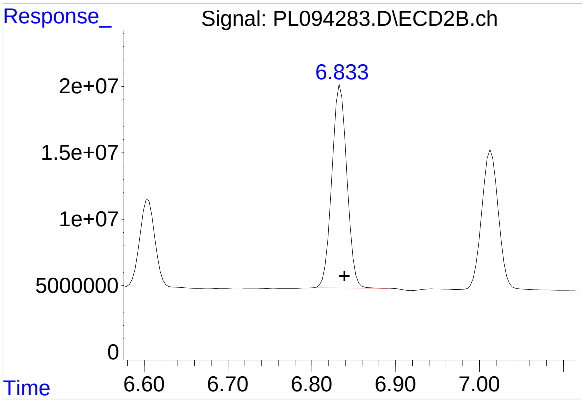
R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 85483045
Conc: 47.81 ng/ml



#21 Endrin ketone

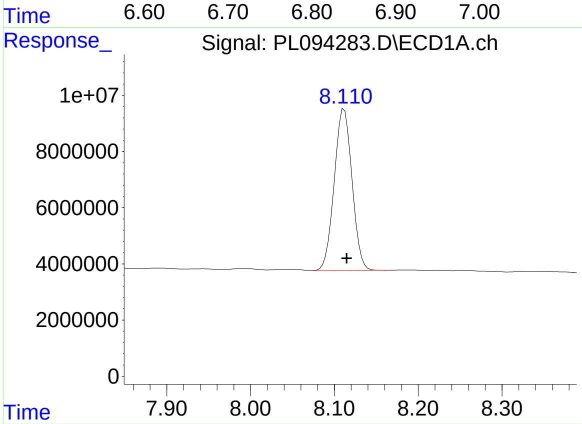
R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 109861111
Conc: 43.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



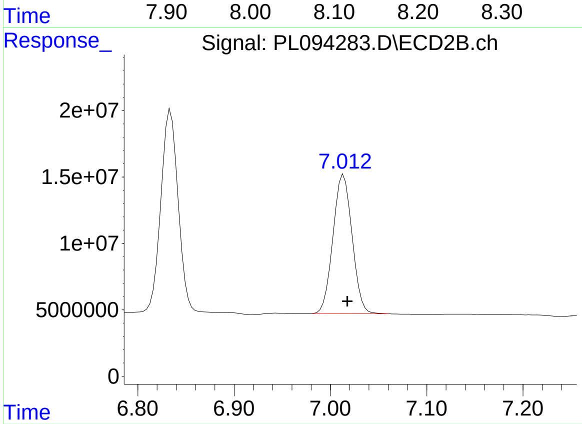
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 190312468
Conc: 45.36 ng/ml



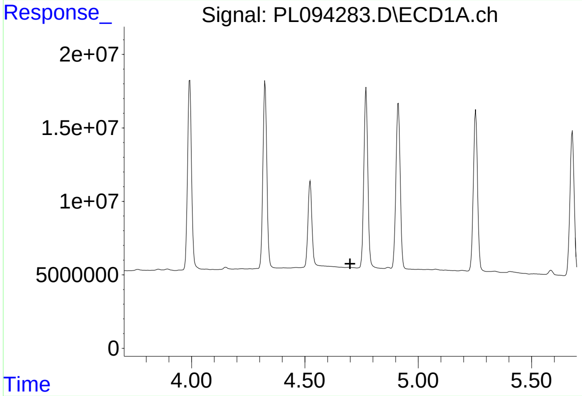
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.003 min
Response: 84910182
Conc: 40.77 ng/ml



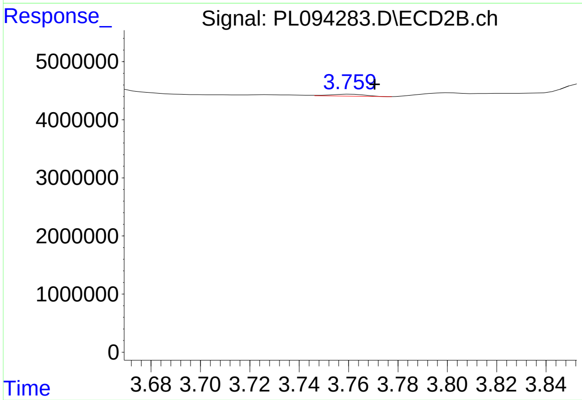
#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 144379522
Conc: 42.69 ng/ml

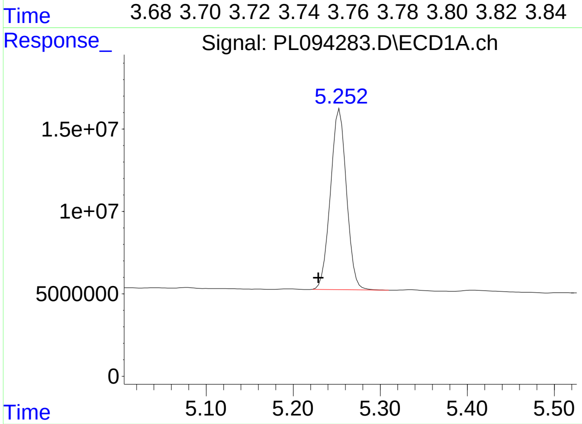



```
#23  Chlordane-1

      R.T.:    0.000 min
Exp R.T.  :    4.700 min
  Response:        0
      Conc:   N.D.
```

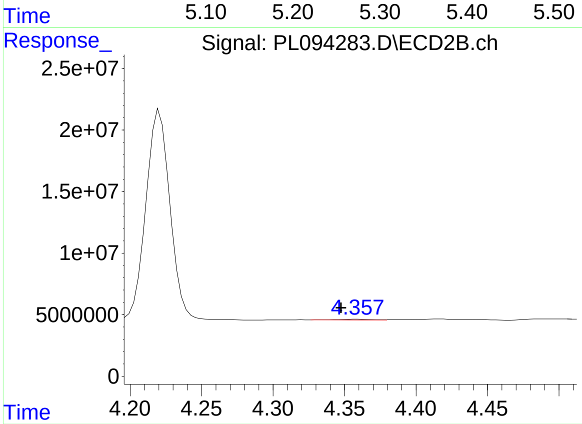
Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



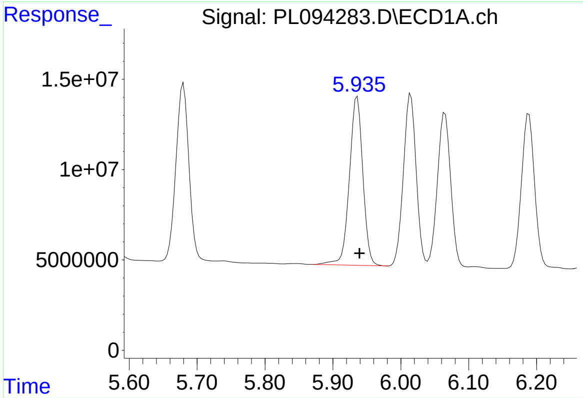

```
#23  Chlordane-1

      R.T.:    3.761 min
Delta R.T.:   -0.010 min
  Response:    353599
      Conc:   2.83 ng/ml
```




```
#24  Chlordane-2

      R.T.:    5.253 min
Delta R.T.:    0.024 min
  Response: 140723800
      Conc: 1201.94 ng/ml
```



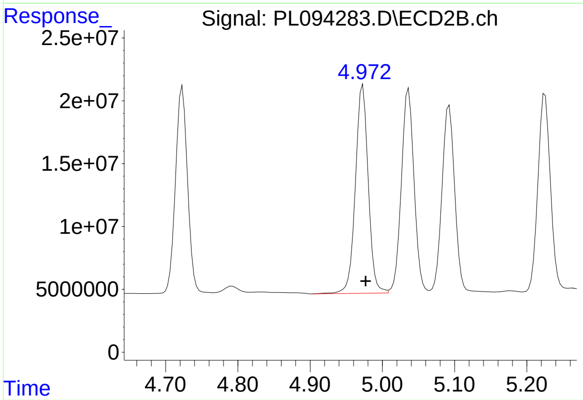

```
#24  Chlordane-2

      R.T.:    4.359 min
Delta R.T.:    0.011 min
  Response:    1136640
      Conc:   7.75 ng/ml
```



#25 Chlordane-3

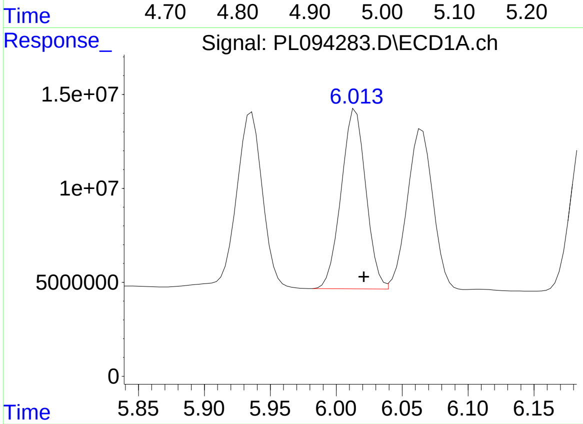
R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 129186256
Conc: 329.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS



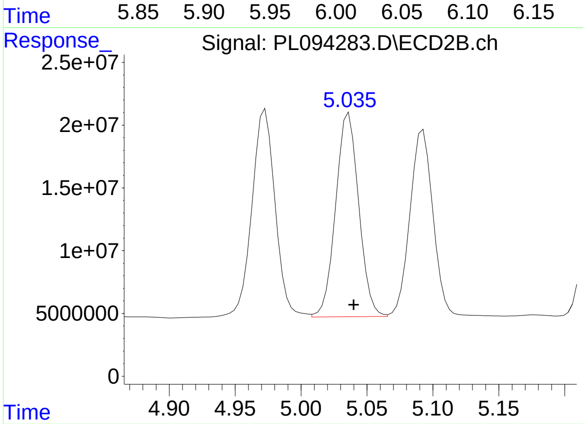
#25 Chlordane-3

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 205302048
Conc: 472.15 ng/ml



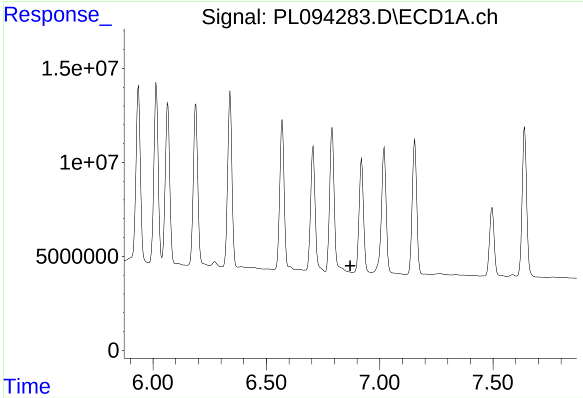
#26 Chlordane-4

R.T.: 6.015 min
Delta R.T.: -0.006 min
Response: 124564375
Conc: 264.97 ng/ml



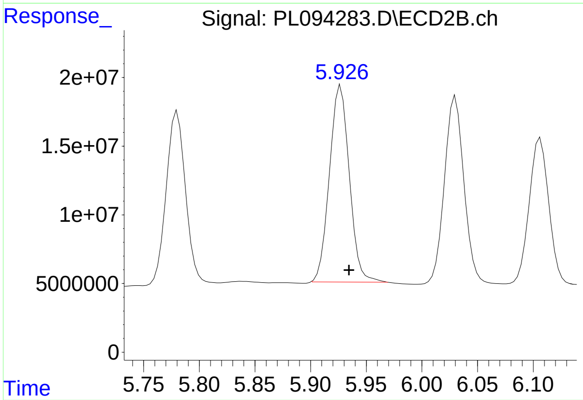
#26 Chlordane-4

R.T.: 5.036 min
Delta R.T.: -0.004 min
Response: 197658395
Conc: 466.54 ng/ml

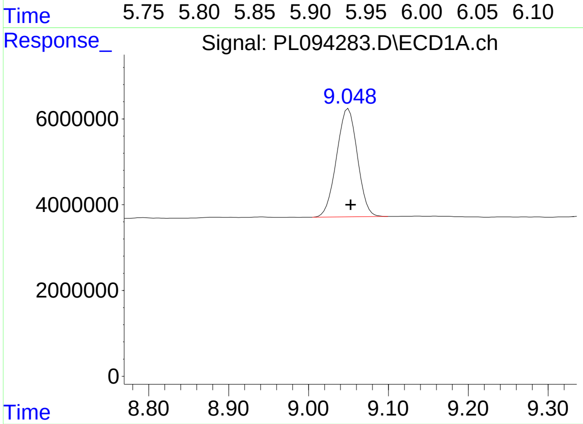



```
#27  Chlordane-5

      R.T.:    0.000 min
Exp R.T.  :    6.870 min
  Response:        0
      Conc:   N.D.
```

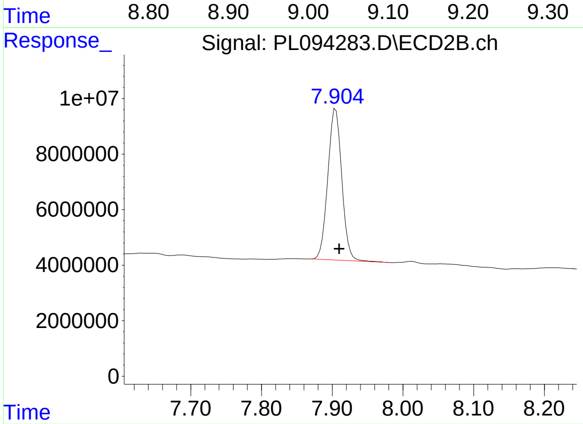
Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS




```
#27  Chlordane-5

      R.T.:    5.927 min
Delta R.T.:   -0.007 min
  Response: 178135098
      Conc: 1163.04 ng/ml
```




```
#28  Decachlorobiphenyl

      R.T.:    9.050 min
Delta R.T.:   -0.003 min
  Response:  45917399
      Conc:  21.95 ng/ml
```




```
#28  Decachlorobiphenyl

      R.T.:    7.905 min
Delta R.T.:   -0.005 min
  Response:  74745275
      Conc:  21.33 ng/ml
```