Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091824\
Data File : PL091803.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2024 13:32
Operator : AR\AJ
Sample : PB163485BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163485BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 01:38:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 2024
Response via : Initial Calibration
Integrator: ChemStation

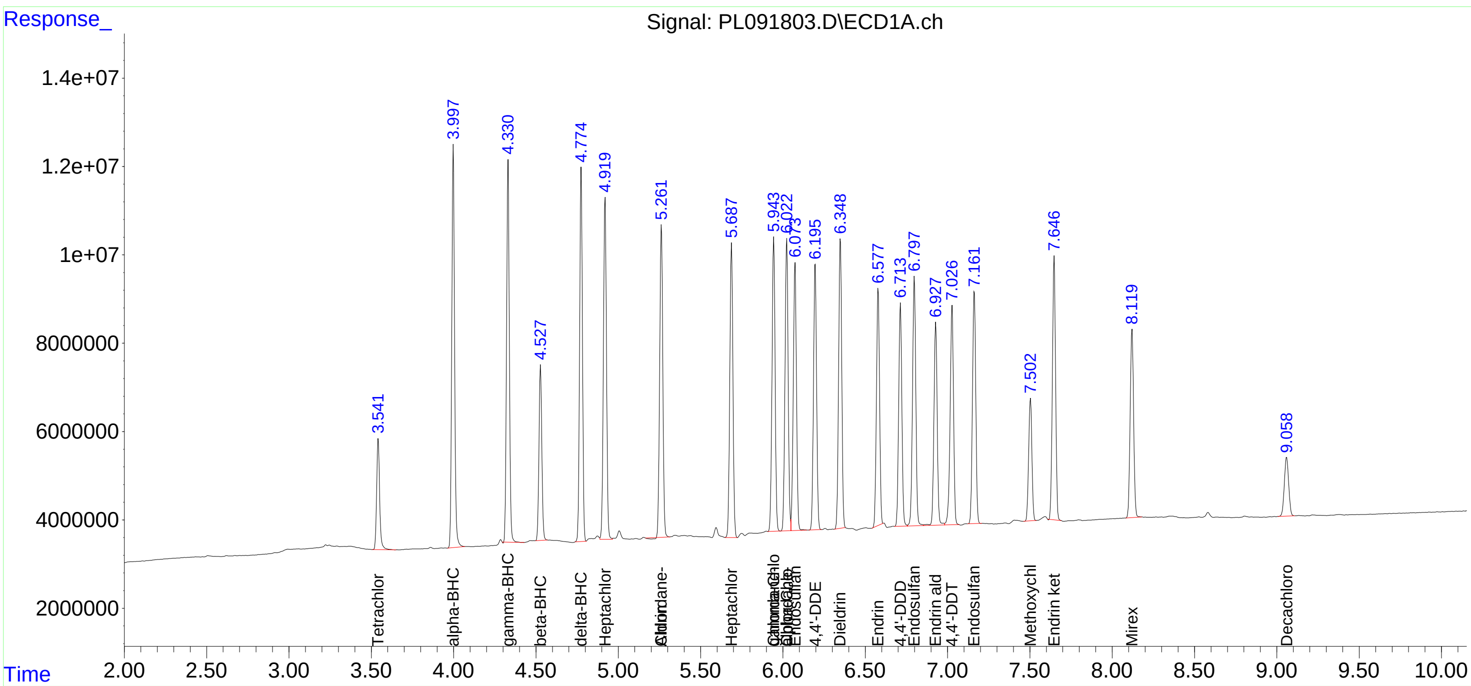
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

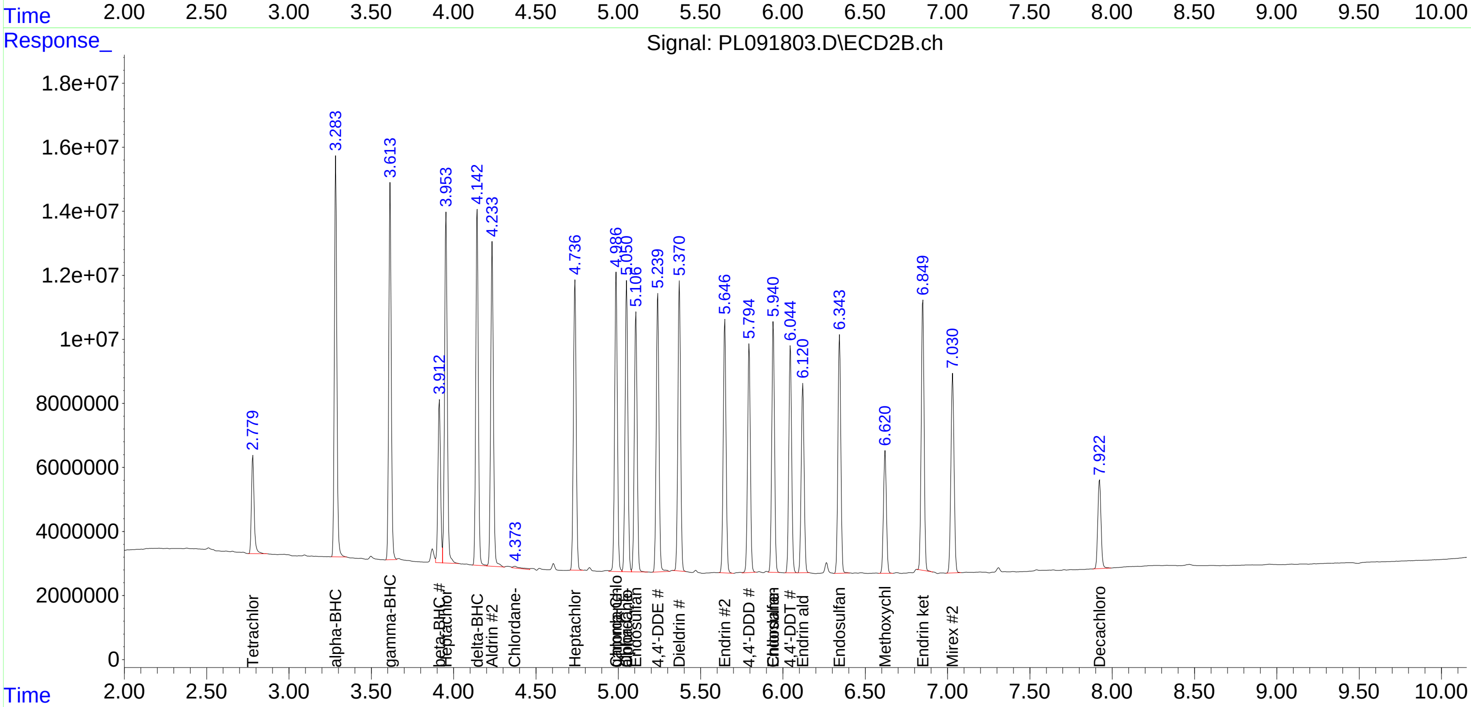
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.781	31666112	34750510	20.317	18.580	
28)	SA Decachlor...	9.060	7.923	24310255	37572378	20.003	20.347	
	Target Compounds							
2)	A alpha-BHC	3.998	3.284	108.2E6	130.7E6	50.100	49.145	
3)	MA gamma-BHC...	4.331	3.615	102.5E6	123.8E6	49.845	50.329	
4)	MA Heptachlor	4.920	3.954	99389165	125.8E6	53.063	52.218	
5)	MB Aldrin	5.262	4.235	92444090	117.1E6	49.632	51.321	
6)	B beta-BHC	4.528	3.914	47543400	55658886	52.244	50.948	
7)	B delta-BHC	4.775	4.143	99392785	120.3E6	51.736	52.272	
8)	B Heptachlo...	5.688	4.737	87544992	105.4E6	52.462	50.017	
9)	A Endosulfan I	6.074	5.107	81522334	96043682	52.321	49.781	
10)	B gamma-Chl...	5.945	4.987	87597141	109.0E6	52.429	49.432	
11)	B alpha-Chl...	6.024	5.051	87212107	107.0E6	54.108	51.693	
12)	B 4,4'-DDE	6.196	5.240	78815549	102.2E6	54.033	53.859	
13)	MA Dieldrin	6.349	5.371	85827935	104.9E6	52.599	51.057	
14)	MA Endrin	6.579	5.647	70980463	94079992	53.381	49.852	
15)	B Endosulfa...	6.798	5.942	78177798	92042255	50.437	52.033	
16)	A 4,4'-DDD	6.714	5.795	67974412	84071763	53.627	50.170	
17)	MA 4,4'-DDT	7.028	6.046	71428564	85619815	54.453	53.286	
18)	B Endrin al...	6.928	6.121	62854307	72867693	52.902	53.303	
19)	B Endosulfa...	7.163	6.344	72335361	89839719	51.802	52.351	
20)	A Methoxychlor	7.504	6.621	37949054	47631282	56.099	53.774	
21)	B Endrin ke...	7.648	6.850	80110031	103.0E6	51.807	51.198	
22)	Mirex	8.121	7.031	61715363	83516101	51.539	47.098	
24)	Chlordane-2	5.262f	4.373	92444090	2030139	1202.412	27.086	#
25)	Chlordane-3	5.945	4.987	87597141	109.0E6	340.979	467.660	#
26)	Chlordane-4	6.024	5.051	87212107	107.0E6	294.480	512.886	#
27)	Chlordane-5	0.000	5.942	0	92042255	N.D.	1284.419	#

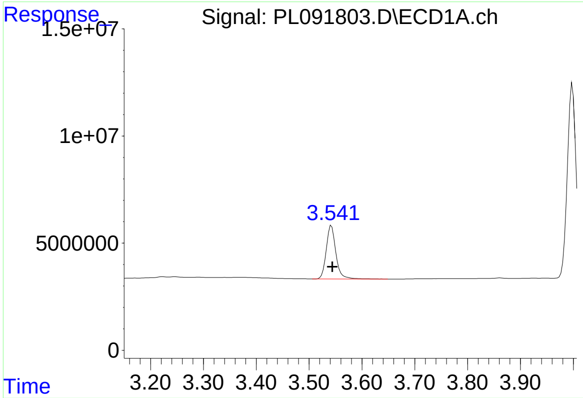
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091824\
Data File : PL091803.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 18 Sep 2024  13:32
Operator  : AR\AJ
Sample    : PB163485BS
Misc      :
ALS Vial  : 9   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 01:38:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title  : GC Extractables
QLast Update : Mon Sep 09 19:26:36 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
```

Instrument :
ECD_L
ClientSampleId :
PB163485BS



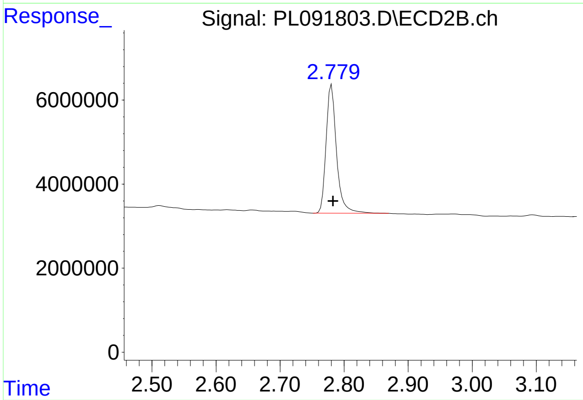




#1 Tetrachloro-m-xylene

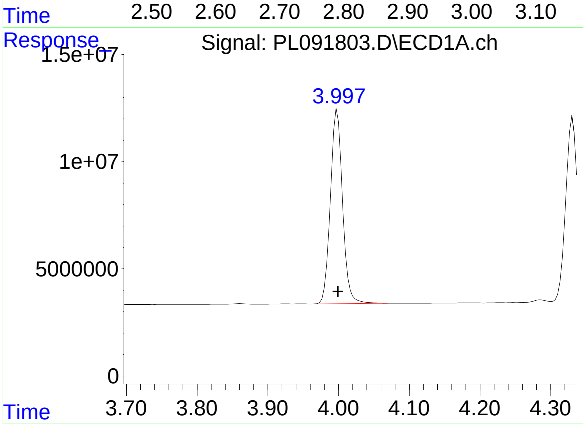
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 31666112
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



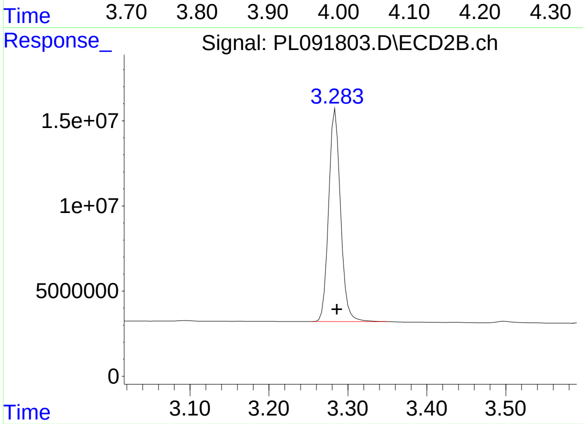
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 34750510
Conc: 18.58 ng/ml



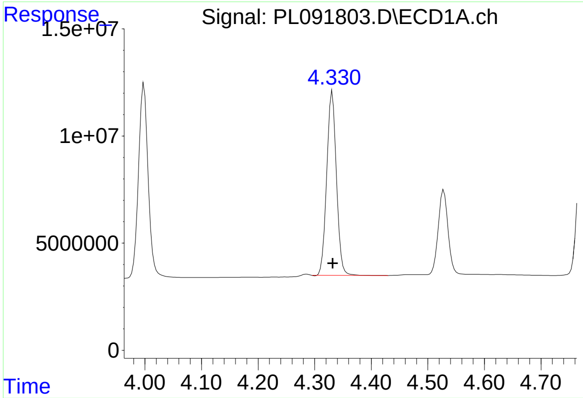
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 108212168
Conc: 50.10 ng/ml



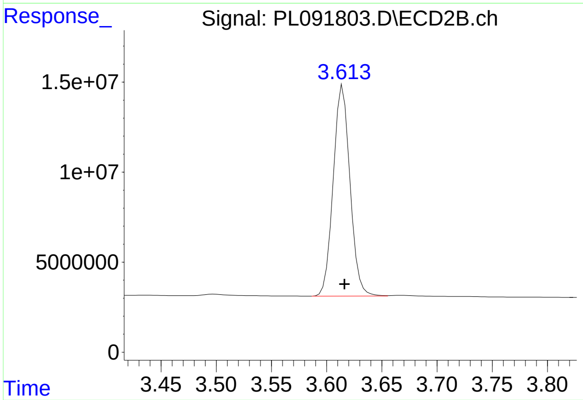
#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 130704349
Conc: 49.15 ng/ml

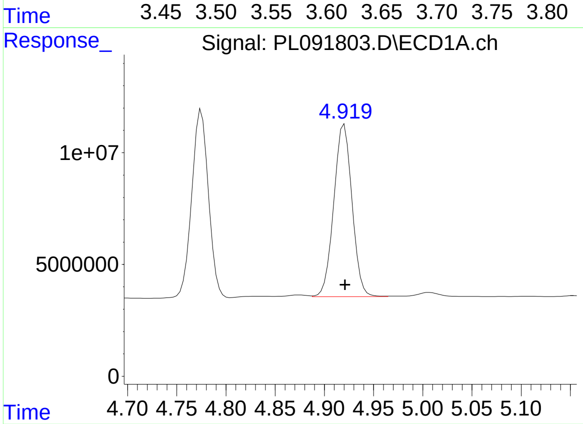



```
#3   gamma-BHC (Lindane)

      R.T.:     4.331 min
Delta R.T.:     0.000 min
  Response:  102465643
      Conc:    49.84 ng/ml
```

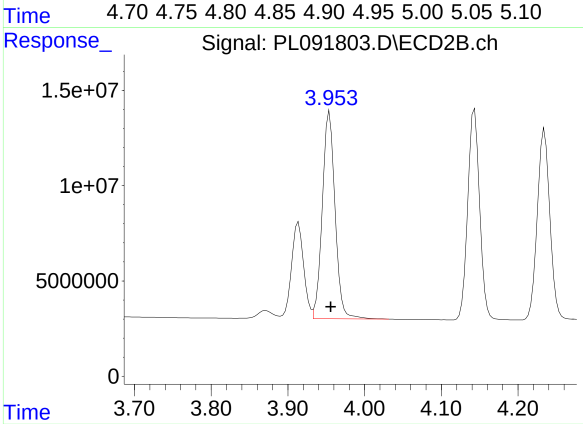
Instrument :
ECD_L
ClientSampleId :
PB163485BS



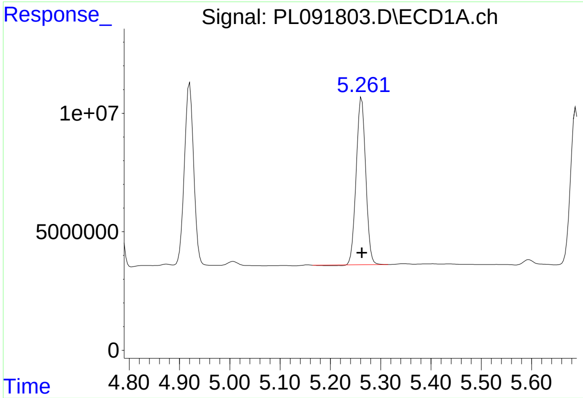

```
#3   gamma-BHC (Lindane)

      R.T.:     3.615 min
Delta R.T.:    -0.001 min
  Response:  123782365
      Conc:    50.33 ng/ml
```




```
#4   Heptachlor

      R.T.:     4.920 min
Delta R.T.:     0.000 min
  Response:   99389165
      Conc:    53.06 ng/ml
```



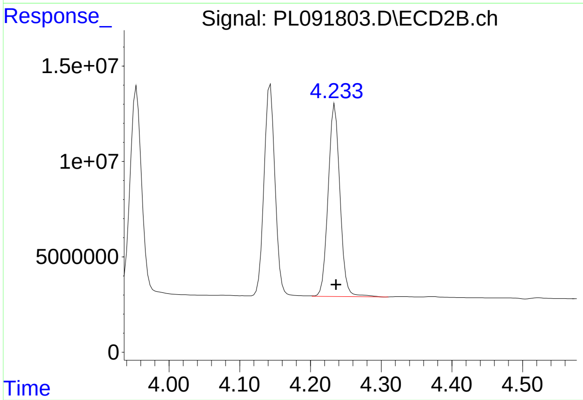

```
#4   Heptachlor

      R.T.:     3.954 min
Delta R.T.:    -0.002 min
  Response:  125757157
      Conc:    52.22 ng/ml
```



#5 Aldrin

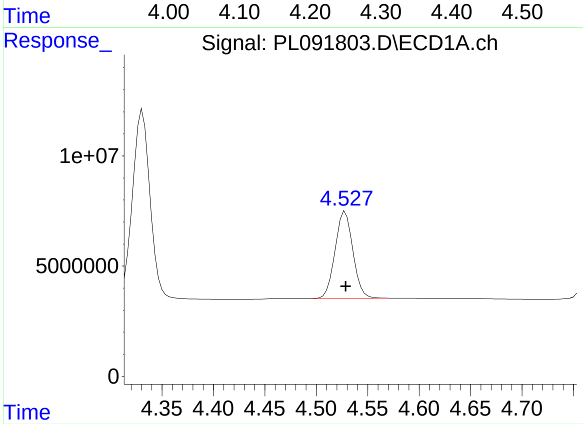
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 92444090
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



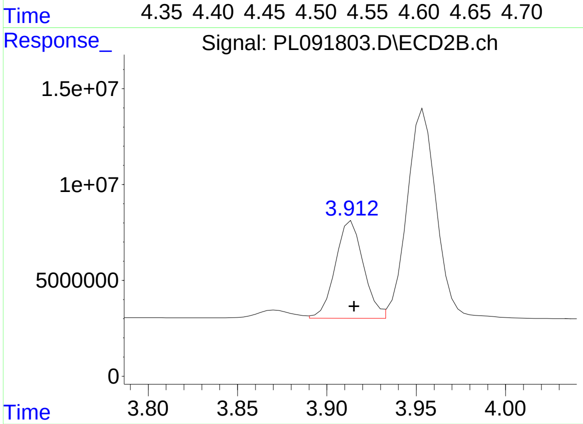
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: -0.002 min
Response: 117089730
Conc: 51.32 ng/ml



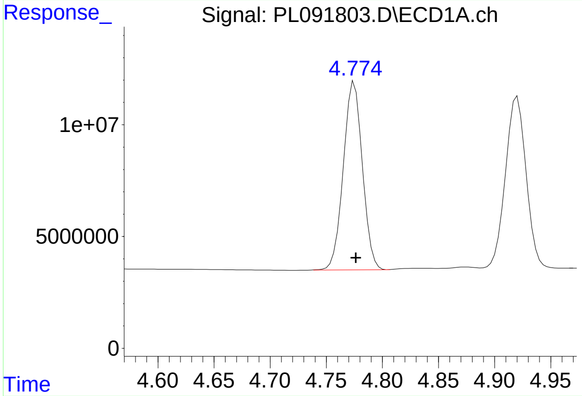
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 47543400
Conc: 52.24 ng/ml



#6 beta-BHC

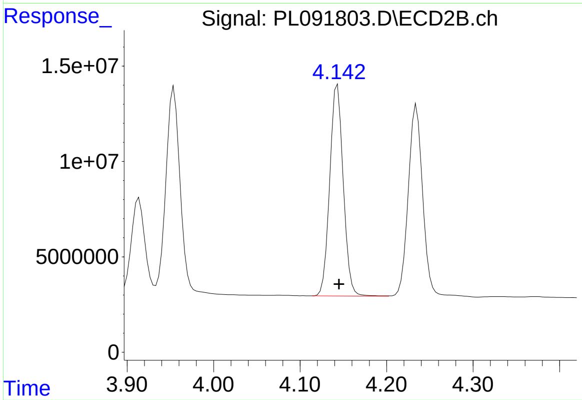
R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 55658886
Conc: 50.95 ng/ml



#7 delta-BHC

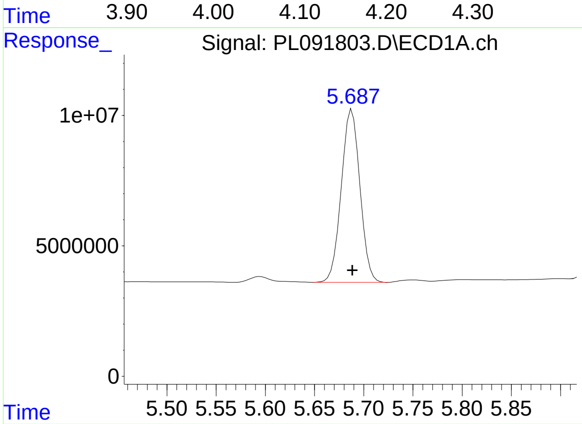
R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 99392785
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



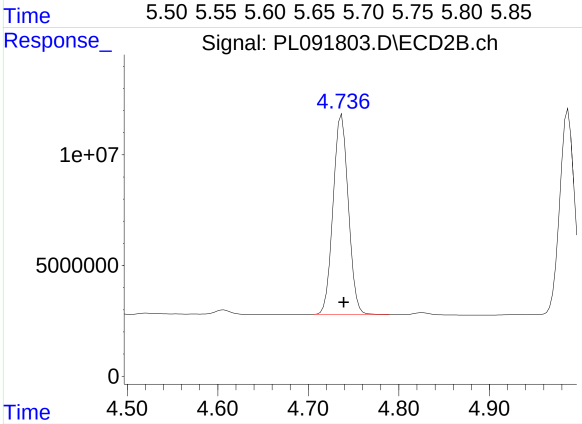
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 120262777
Conc: 52.27 ng/ml



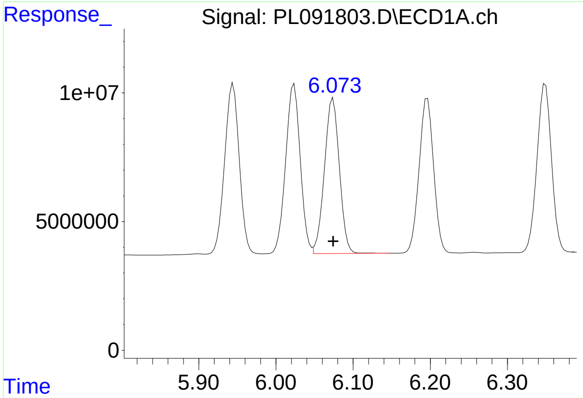
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 87544992
Conc: 52.46 ng/ml



#8 Heptachlor epoxide

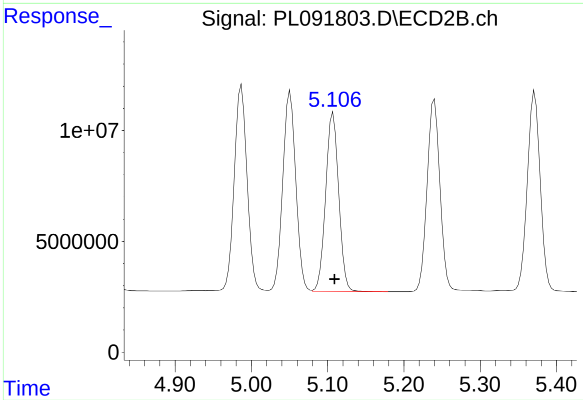
R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 105420916
Conc: 50.02 ng/ml



#9 Endosulfan I

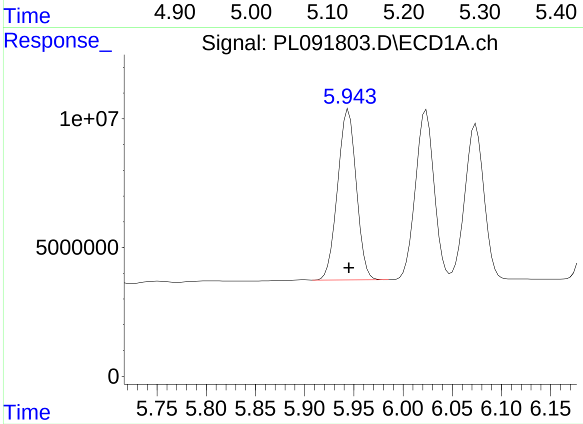
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 81522334
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



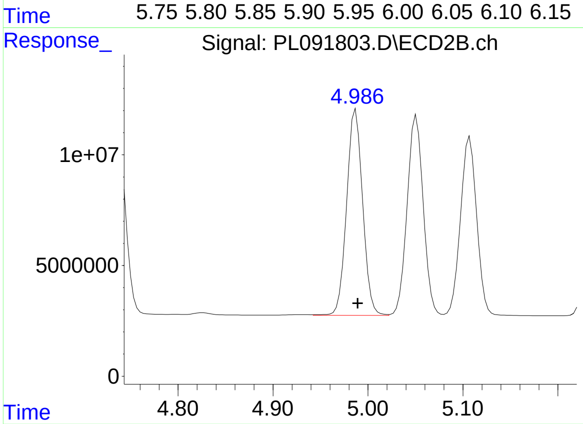
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 96043682
Conc: 49.78 ng/ml



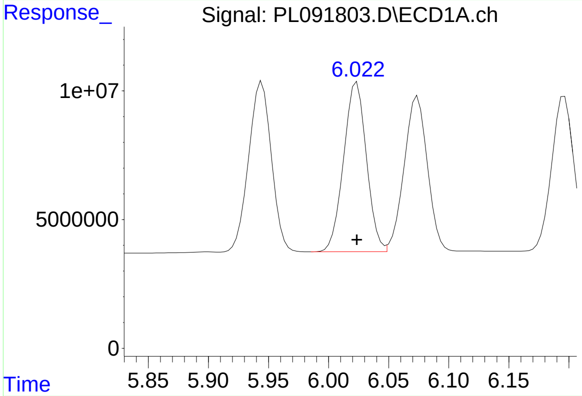
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 87597141
Conc: 52.43 ng/ml



#10 gamma-Chlordane

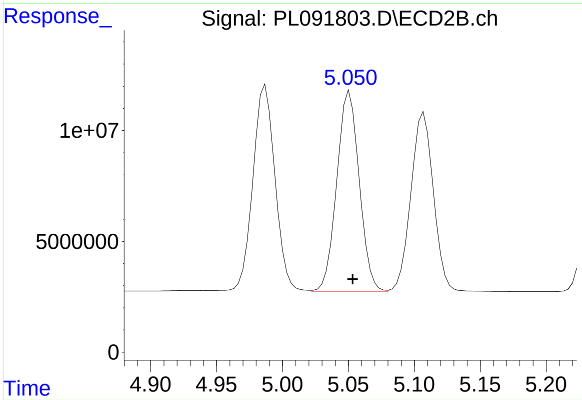
R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 109030675
Conc: 49.43 ng/ml



#11 alpha-Chlordane

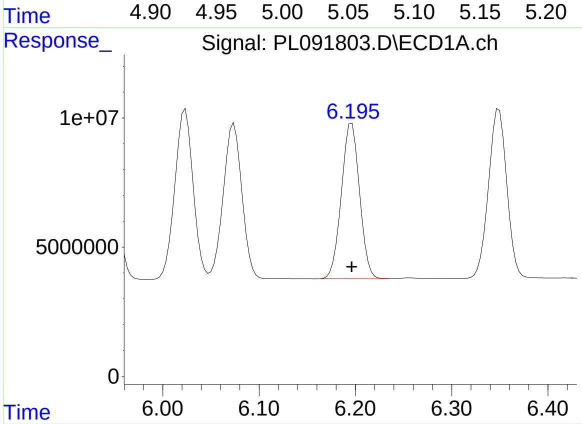
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 87212107
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



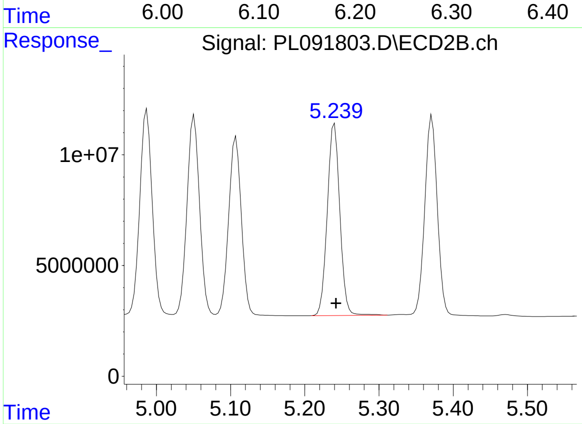
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 106953653
Conc: 51.69 ng/ml



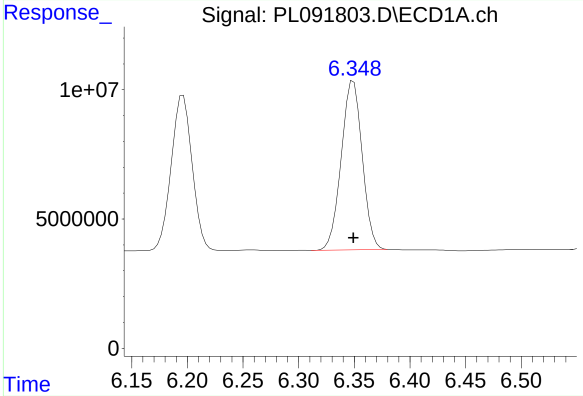
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 78815549
Conc: 54.03 ng/ml



#12 4,4'-DDE

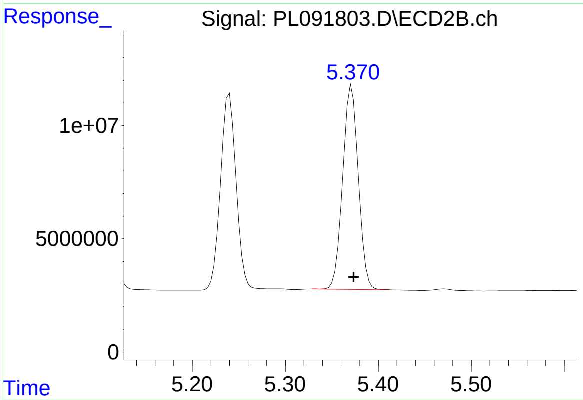
R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 102154185
Conc: 53.86 ng/ml



#13 Dieldrin

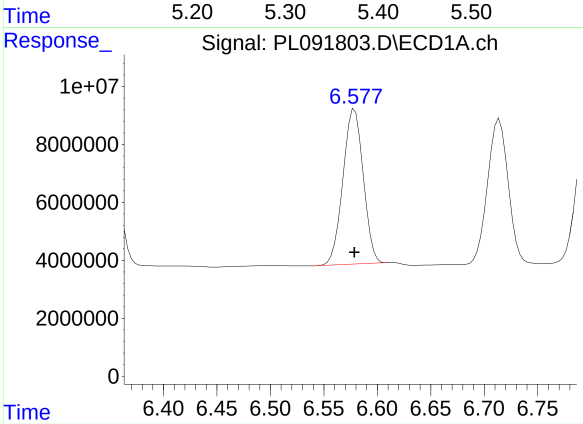
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 85827935
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



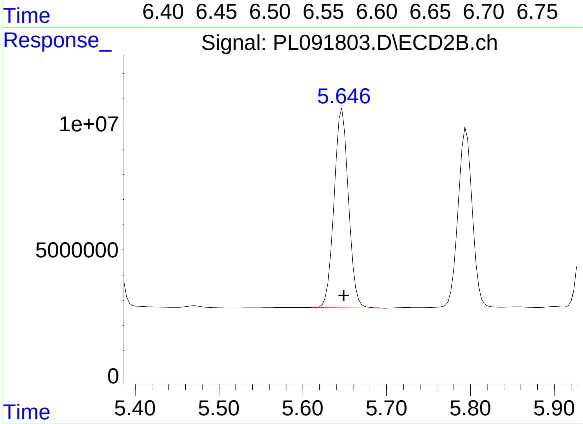
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 104943924
Conc: 51.06 ng/ml



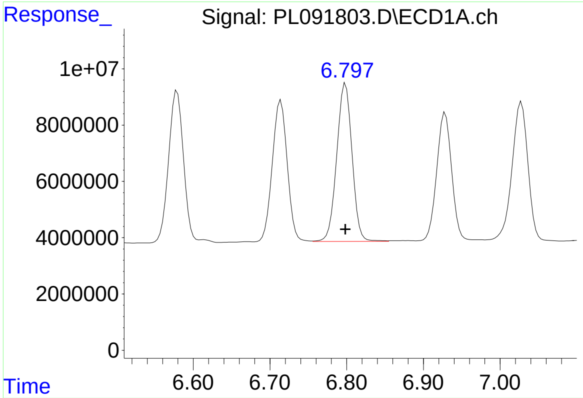
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 70980463
Conc: 53.38 ng/ml



#14 Endrin

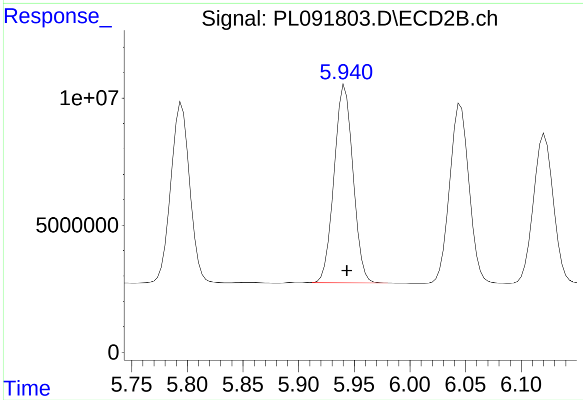
R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 94079992
Conc: 49.85 ng/ml



#15 Endosulfan II

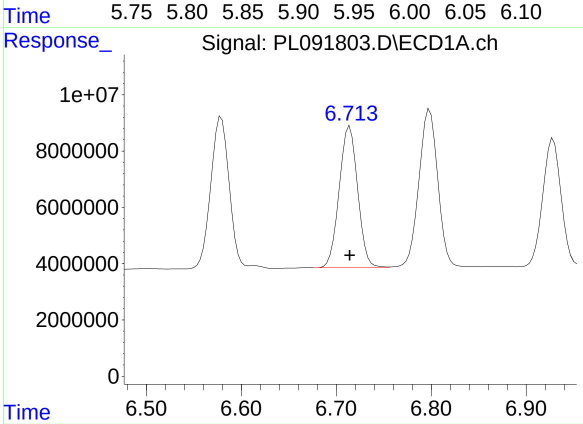
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 78177798
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



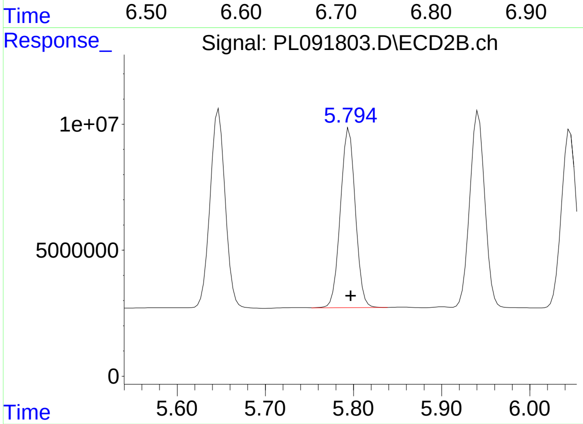
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 92042255
Conc: 52.03 ng/ml



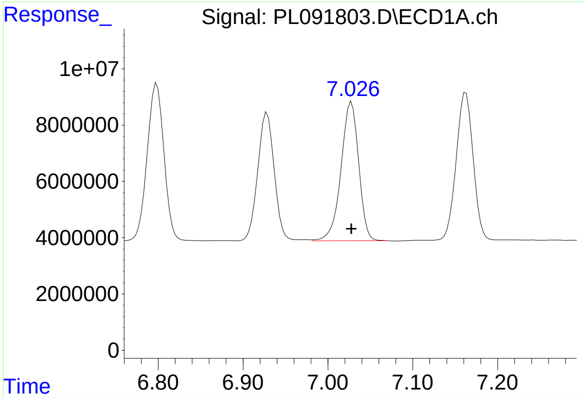
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 67974412
Conc: 53.63 ng/ml



#16 4,4'-DDD

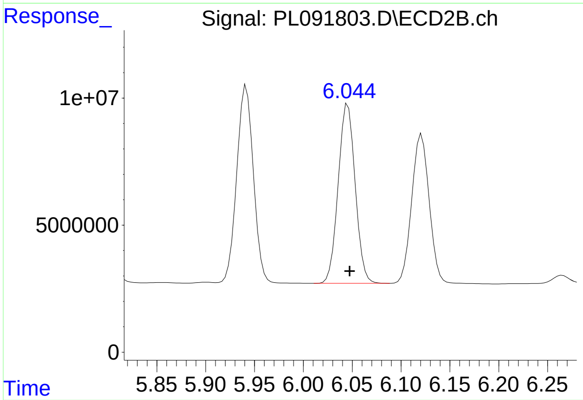
R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 84071763
Conc: 50.17 ng/ml



#17 4,4'-DDT

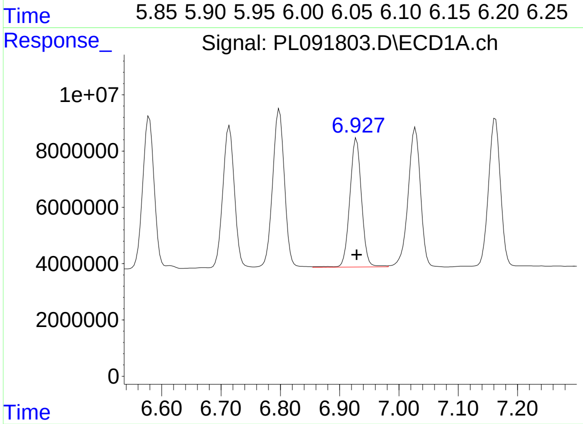
R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 71428564
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



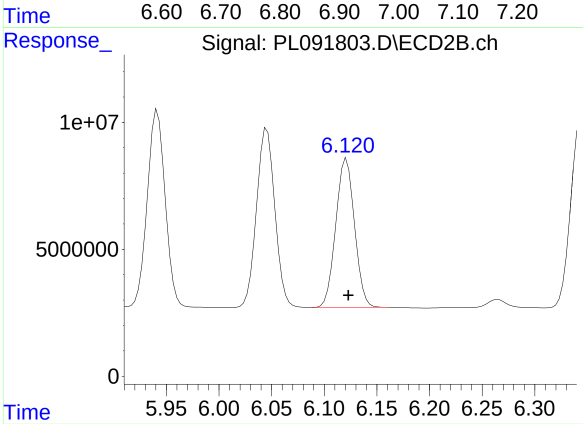
#17 4,4'-DDT

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 85619815
Conc: 53.29 ng/ml



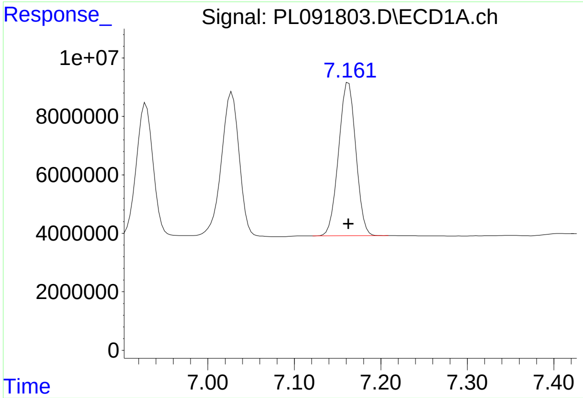
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 62854307
Conc: 52.90 ng/ml



#18 Endrin aldehyde

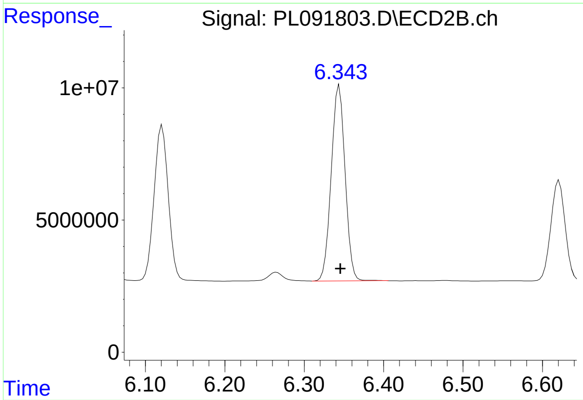
R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 72867693
Conc: 53.30 ng/ml



#19 Endosulfan Sulfate

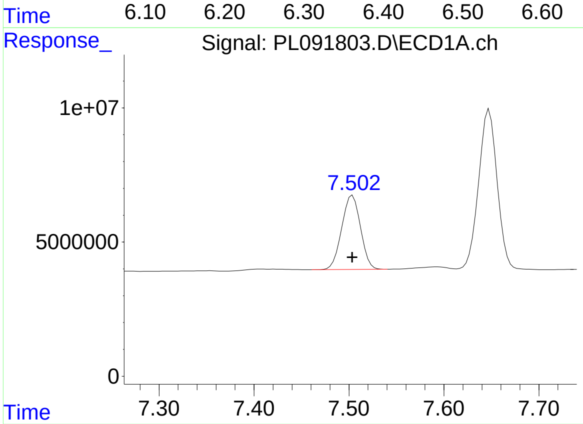
R.T.:	7.163 min
Delta R.T.:	0.000 min
Response:	72335361
Conc:	51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



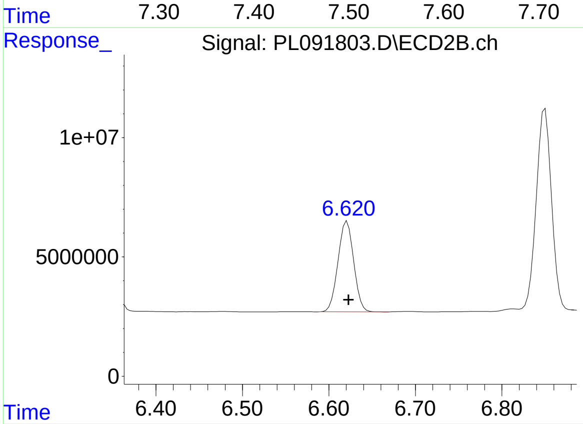
#19 Endosulfan Sulfate

R.T.:	6.344 min
Delta R.T.:	-0.001 min
Response:	89839719
Conc:	52.35 ng/ml



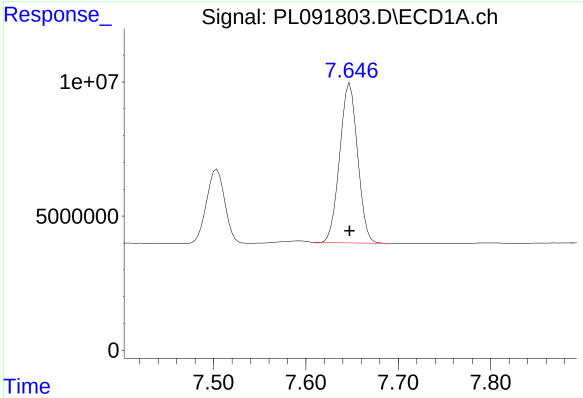
#20 Methoxychlor

R.T.:	7.504 min
Delta R.T.:	0.000 min
Response:	37949054
Conc:	56.10 ng/ml



#20 Methoxychlor

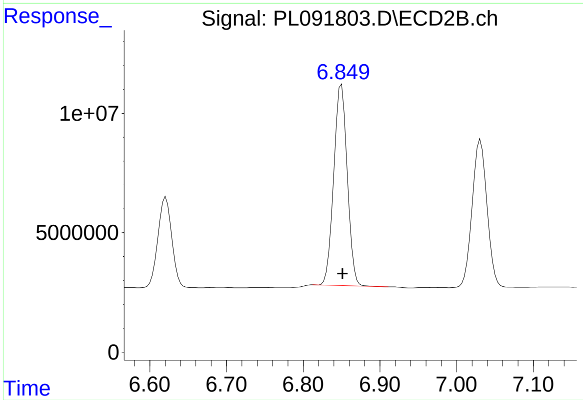
R.T.:	6.621 min
Delta R.T.:	-0.002 min
Response:	47631282
Conc:	53.77 ng/ml



#21 Endrin ketone

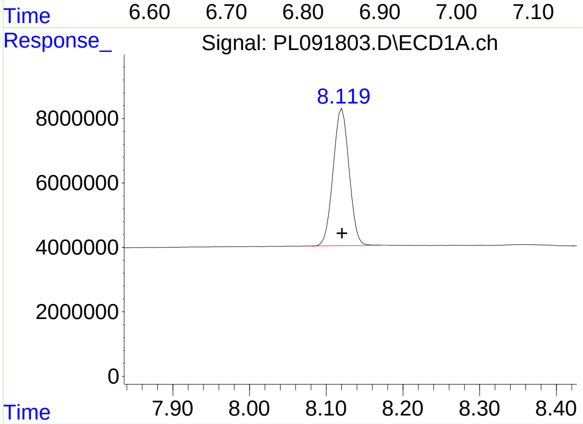
R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 80110031
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



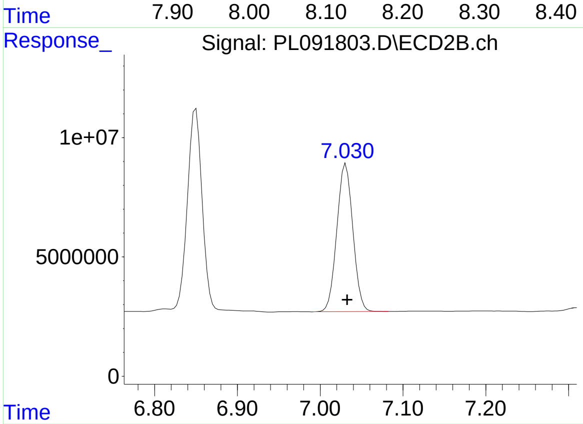
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.001 min
Response: 102979252
Conc: 51.20 ng/ml



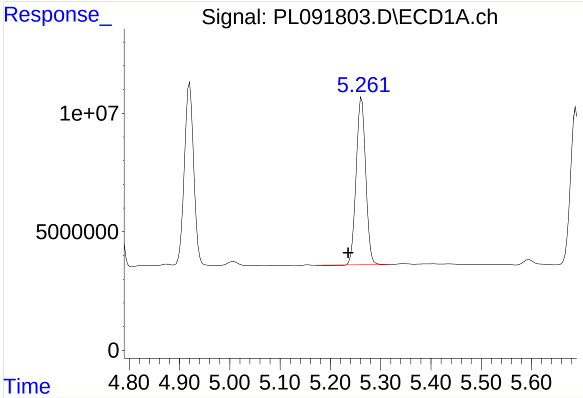
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 61715363
Conc: 51.54 ng/ml



#22 Mirex

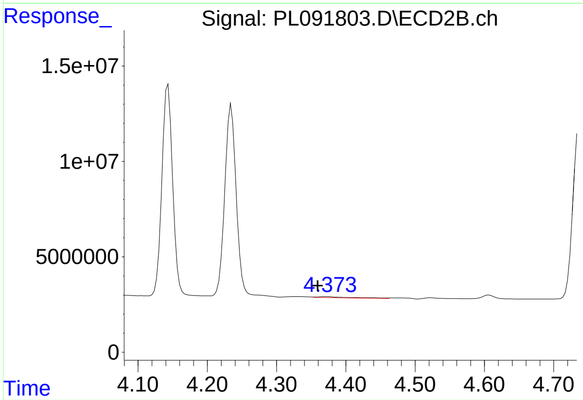
R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 83516101
Conc: 47.10 ng/ml



#24 Chlordane-2

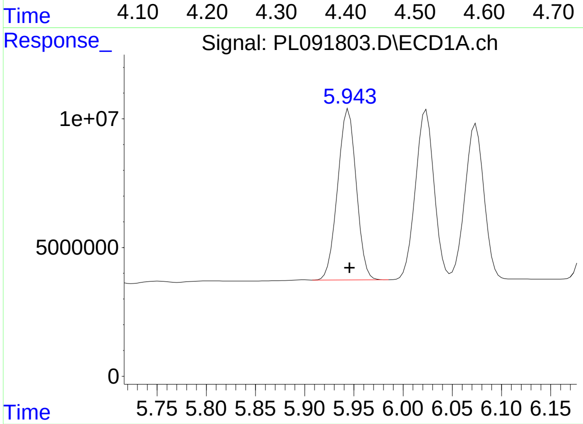
R.T.: 5.262 min
Delta R.T.: 0.027 min
Response: 92444090
Conc: 1202.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



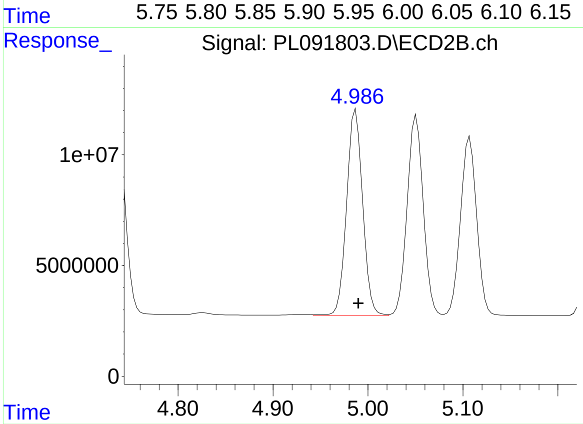
#24 Chlordane-2

R.T.: 4.373 min
Delta R.T.: 0.013 min
Response: 2030139
Conc: 27.09 ng/ml



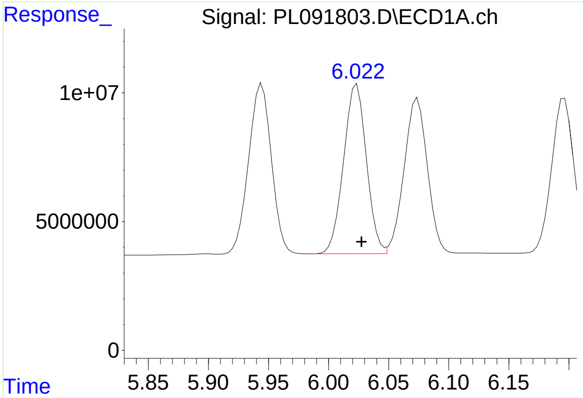
#25 Chlordane-3

R.T.: 5.945 min
Delta R.T.: -0.001 min
Response: 87597141
Conc: 340.98 ng/ml



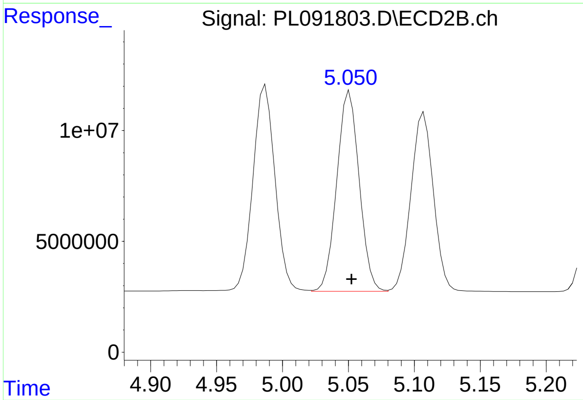
#25 Chlordane-3

R.T.: 4.987 min
Delta R.T.: -0.003 min
Response: 109030675
Conc: 467.66 ng/ml

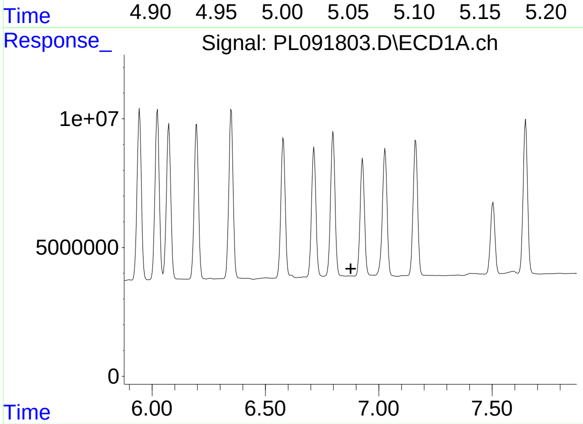



```
#26  Chlordane-4

      R.T.:    6.024 min
Delta R.T.:   -0.004 min
  Response:  87212107
      Conc: 294.48 ng/ml
```

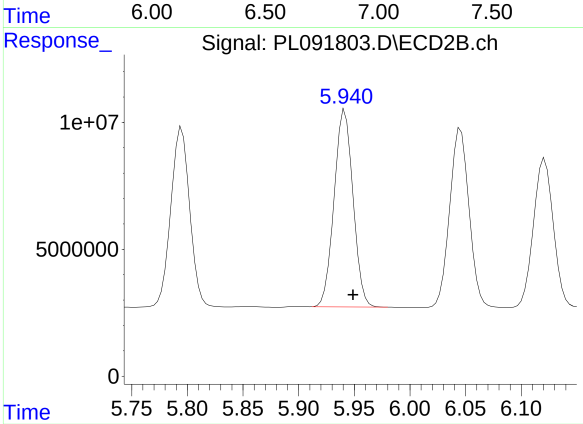
Instrument :
ECD_L
ClientSampleId :
PB163485BS



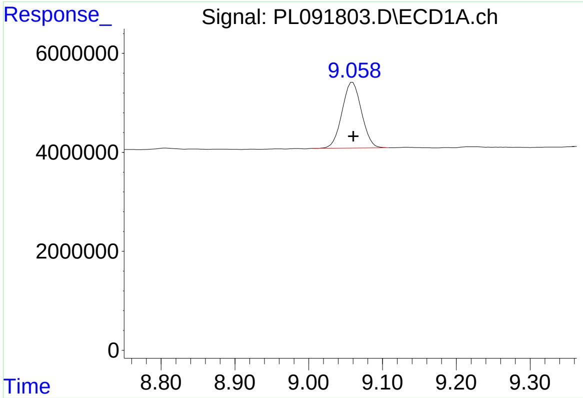

```
#26  Chlordane-4

      R.T.:    5.051 min
Delta R.T.:   -0.001 min
  Response: 106953653
      Conc: 512.89 ng/ml
```




```
#27  Chlordane-5

      R.T.:    0.000 min
Exp R.T.  :    6.876 min
  Response:         0
      Conc:   N.D.
```



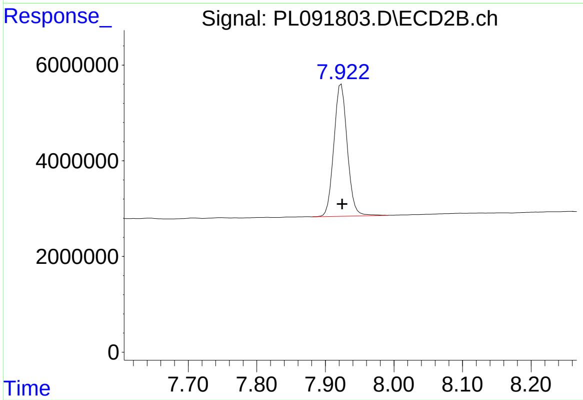

```
#27  Chlordane-5

      R.T.:    5.942 min
Delta R.T.:   -0.007 min
  Response:  92042255
      Conc: 1284.42 ng/ml
```



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 24310255
Conc: 20.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163485BS



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 37572378
Conc: 20.35 ng/ml