Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090824\
Data File : PL091553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 13:37
Operator : AR\AJ
Sample : PB163178BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163178BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 09:24:16 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	2.784	35817603	41071226	16.681	21.041	#
28)	SA	Decachlor...	9.058	7.924	26618200	25824308	17.460	13.634	
		Target Compounds							
2)	A	alpha-BHC	4.000	3.287	131.1E6	154.9E6	43.726	55.856	#
3)	MA	gamma-BHC...	4.332	3.617	125.5E6	136.6E6	43.764	51.876	
4)	MA	Heptachlor	4.921	3.957	112.0E6	129.7E6	42.039	50.229	
5)	MB	Aldrin	5.263	4.237	106.6E6	123.9E6	41.287	50.372	
6)	B	beta-BHC	4.529	3.916	58270903	59256022	43.088	50.342	
7)	B	delta-BHC	4.776	4.146	113.9E6	129.8E6	41.827	51.219	
8)	B	Heptachlo...	5.689	4.739	98372627	108.5E6	40.209	48.140	
9)	A	Endosulfan I	6.074	5.109	88950028	103.8E6	39.615	49.171	
10)	B	gamma-Chl...	5.945	4.989	96735605	114.1E6	40.032	48.262	
11)	B	alpha-Chl...	6.024	5.053	95056290	113.6E6	39.480	48.274	
12)	B	4,4'-DDE	6.197	5.242	82636513	102.4E6	39.499	49.021	
13)	MA	Dieldrin	6.349	5.374	91760870	105.3E6	38.960	46.214	
14)	MA	Endrin	6.579	5.649	77244591	89416958	39.832	43.893	
15)	B	Endosulfa...	6.798	5.943	79410296	85779318	39.241	44.338	
16)	A	4,4'-DDD	6.714	5.796	69898469	77901466	46.248	47.190	
17)	MA	4,4'-DDT	7.027	6.047	66879797	70654768	37.677	39.774	
18)	B	Endrin al...	6.927	6.123	61965275	64546816	38.815	41.438	
19)	B	Endosulfa...	7.162	6.345	73034760	81097242	38.066	42.063	
20)	A	Methoxychlor	7.502	6.622	37390680	38767668	39.766	39.042	
21)	B	Endrin ke...	7.647	6.850	78359205	82648990	37.319	37.948	
22)		Mirex	8.120	7.033	60608665	67601095	35.628	36.219	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090824\
Data File : PL091553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2024 13:37
Operator : AR\AJ
Sample : PB163178BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163178BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 09:24:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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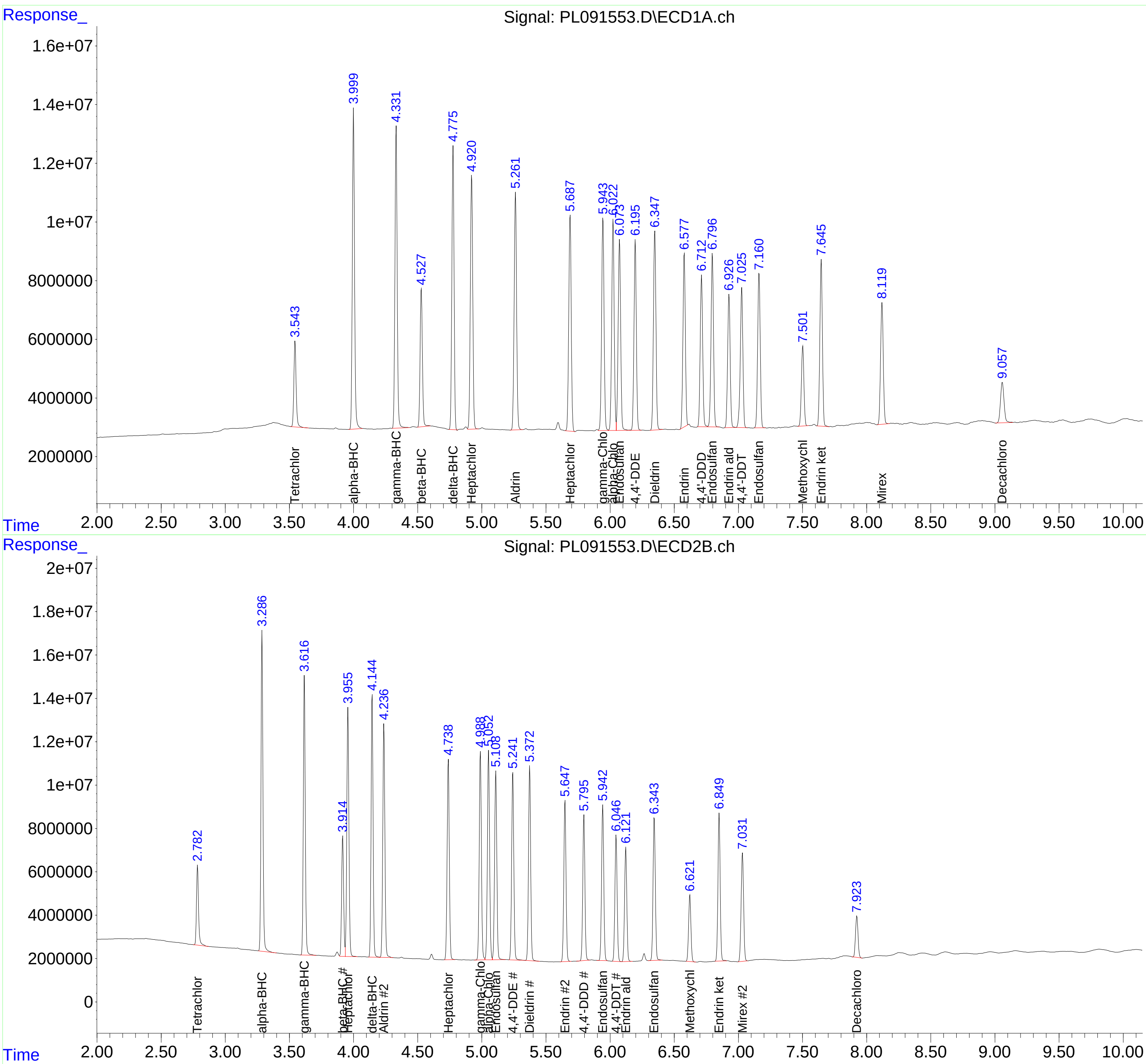
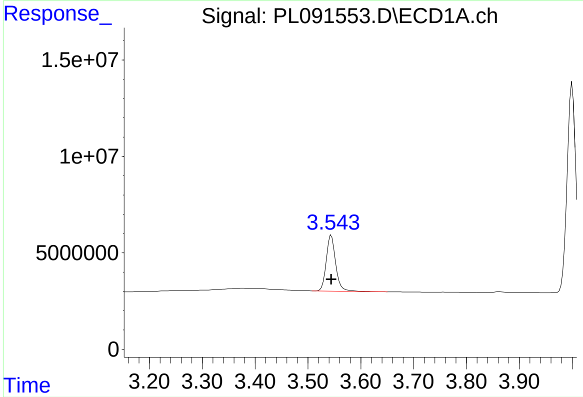
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

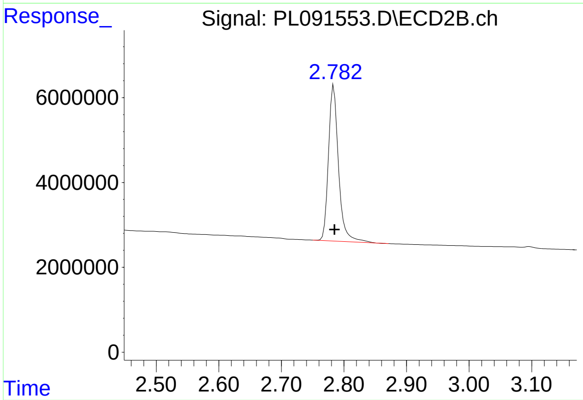




#1 Tetrachloro-m-xylene

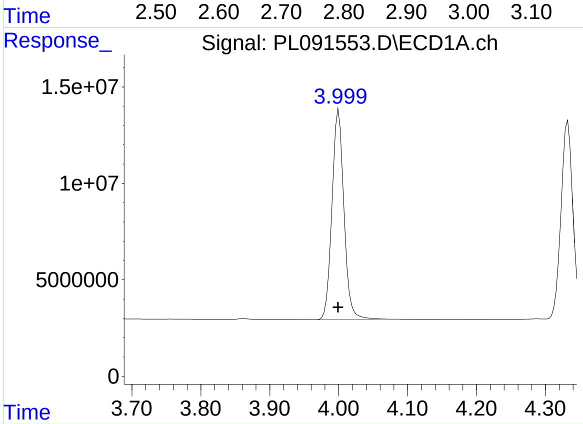
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 35817603
Conc: 16.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



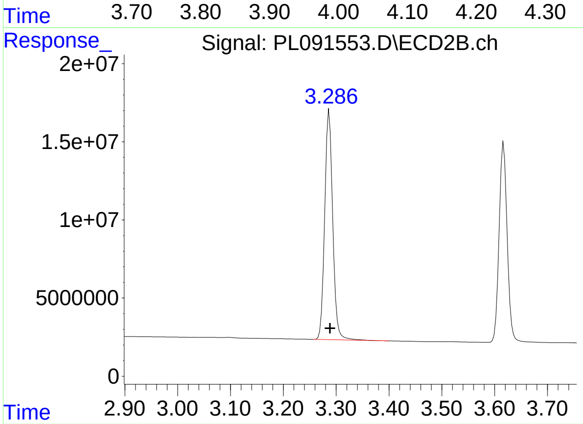
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.001 min
Response: 41071226
Conc: 21.04 ng/ml



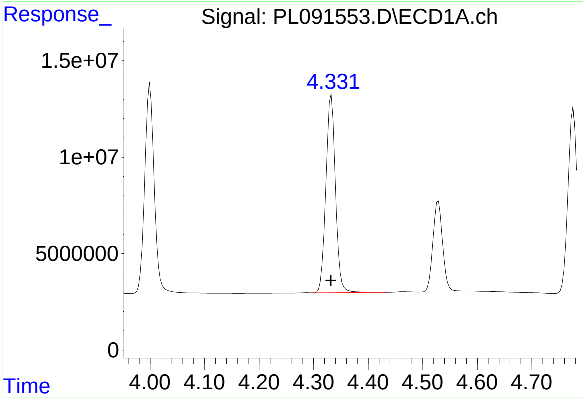
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 131082586
Conc: 43.73 ng/ml



#2 alpha-BHC

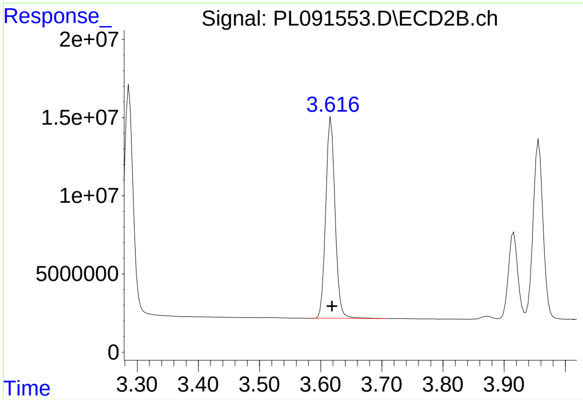
R.T.: 3.287 min
Delta R.T.: -0.002 min
Response: 154914399
Conc: 55.86 ng/ml



#3 gamma-BHC (Lindane)

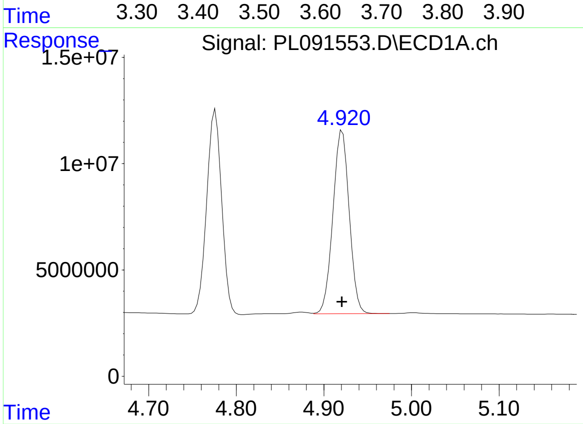
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 125542917
Conc: 43.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



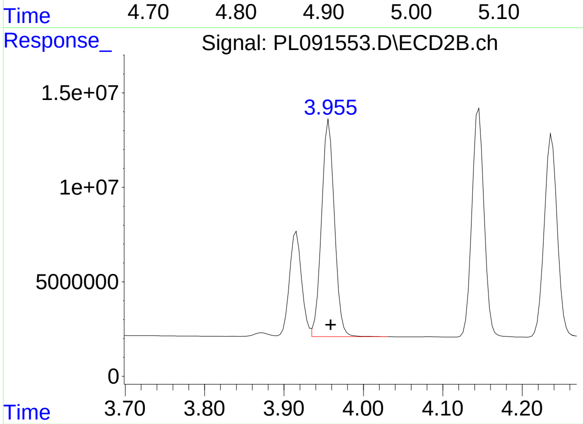
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.002 min
Response: 136637460
Conc: 51.88 ng/ml



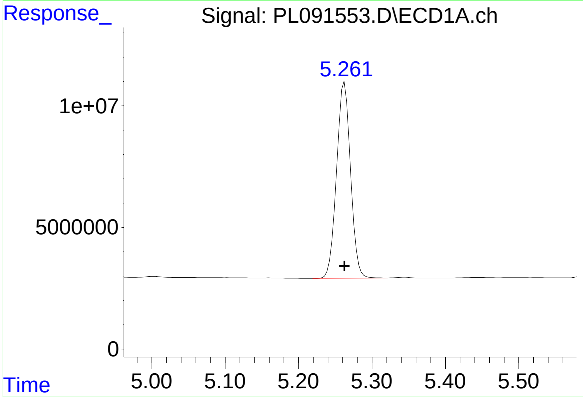
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 111950454
Conc: 42.04 ng/ml



#4 Heptachlor

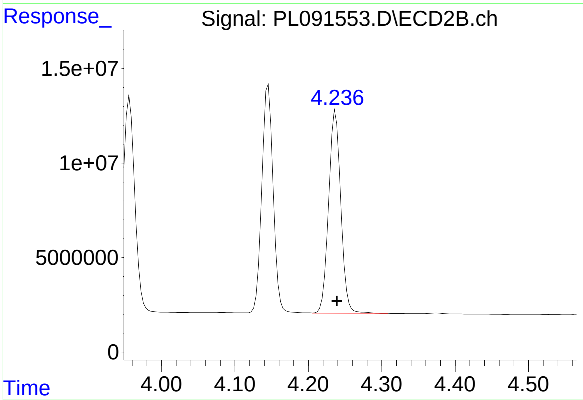
R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 129726743
Conc: 50.23 ng/ml



#5 Aldrin

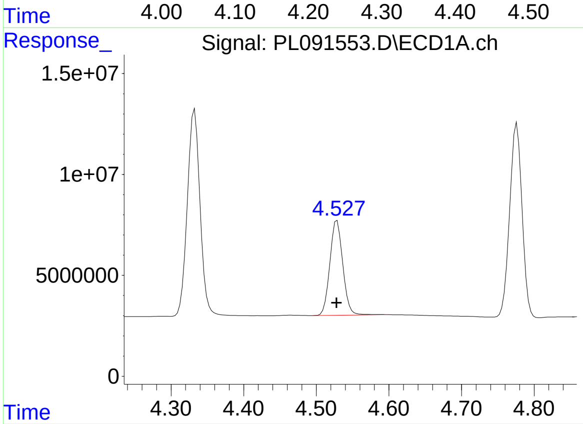
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 106555501
Conc: 41.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



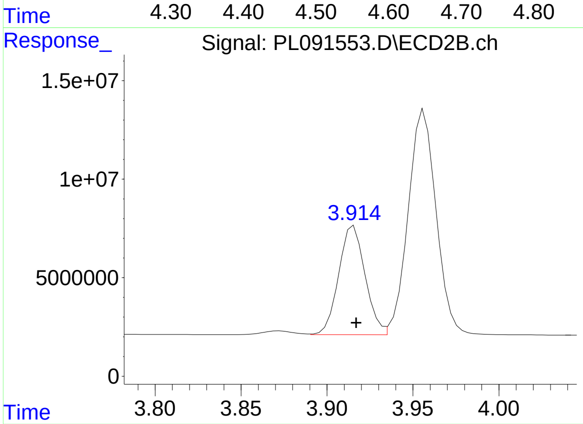
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 123872725
Conc: 50.37 ng/ml



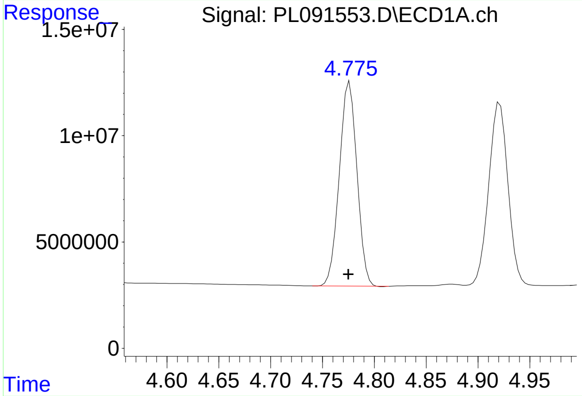
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 58270903
Conc: 43.09 ng/ml



#6 beta-BHC

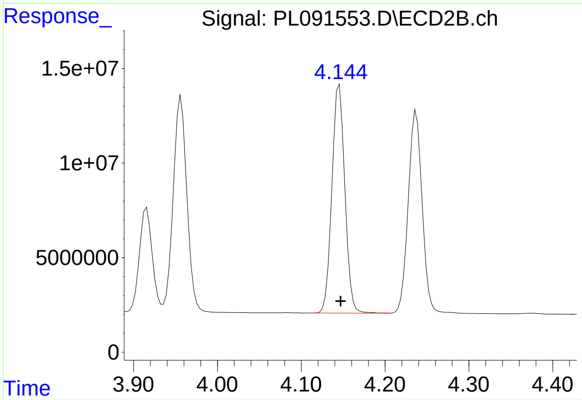
R.T.: 3.916 min
Delta R.T.: -0.001 min
Response: 59256022
Conc: 50.34 ng/ml



#7 delta-BHC

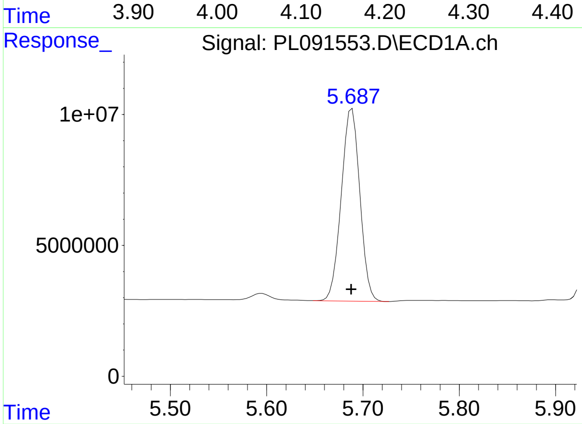
R.T.: 4.776 min
Delta R.T.: 0.001 min
Response: 113873949
Conc: 41.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



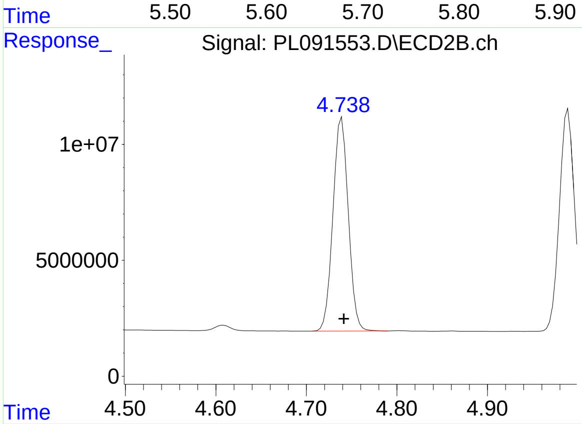
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.002 min
Response: 129801030
Conc: 51.22 ng/ml



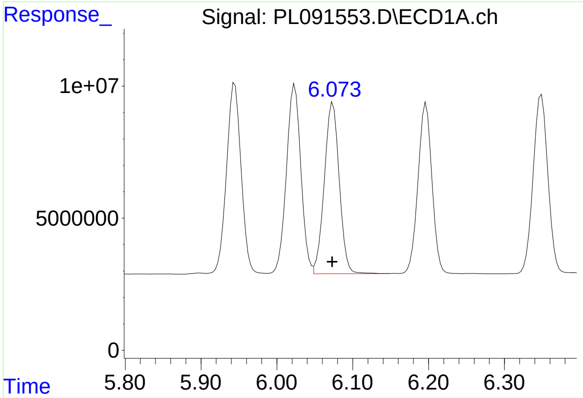
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 98372627
Conc: 40.21 ng/ml



#8 Heptachlor epoxide

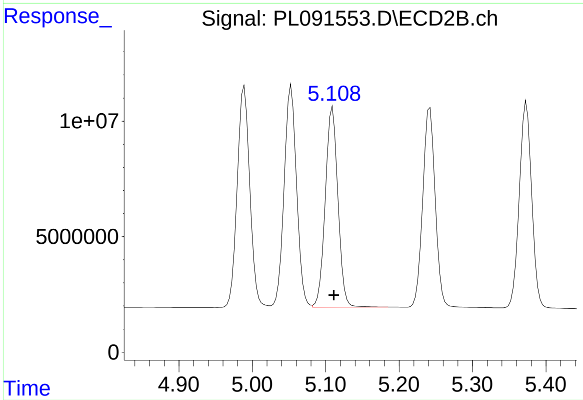
R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 108548492
Conc: 48.14 ng/ml



#9 Endosulfan I

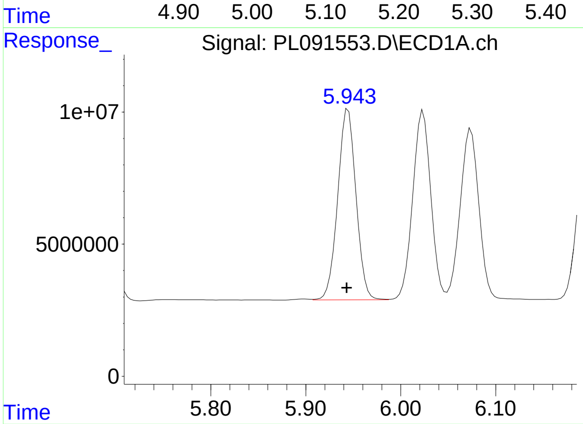
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 88950028
Conc: 39.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



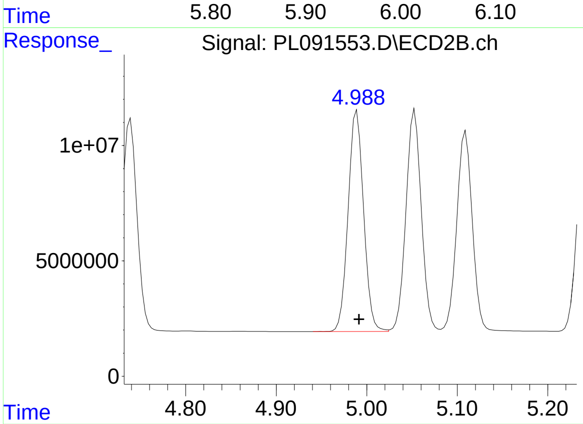
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 103758249
Conc: 49.17 ng/ml



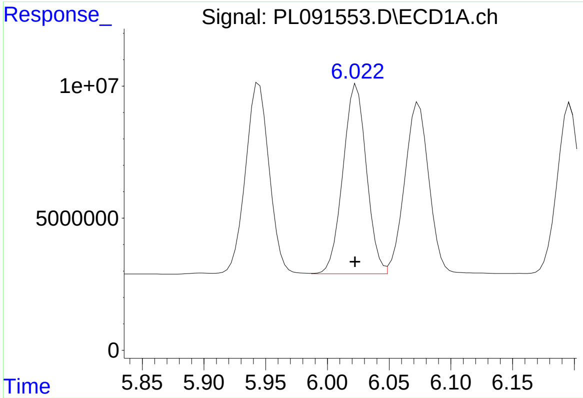
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 96735605
Conc: 40.03 ng/ml



#10 gamma-Chlordane

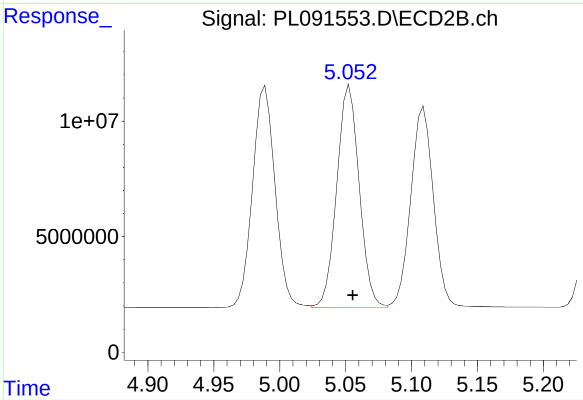
R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 114089911
Conc: 48.26 ng/ml



#11 alpha-Chlordane

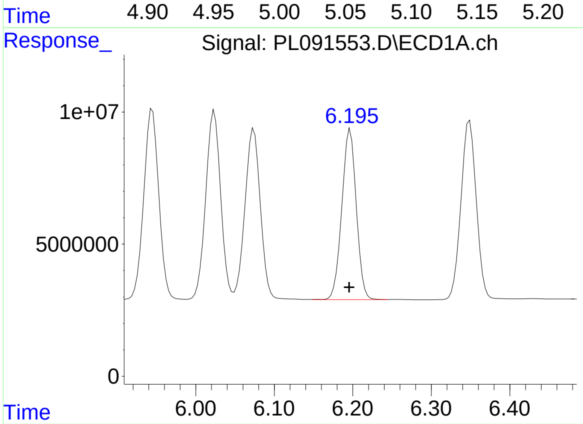
```
      R.T.:    6.024 min
Delta R.T.:    0.001 min
  Response:  95056290
      Conc:  39.48 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
PB163178BS



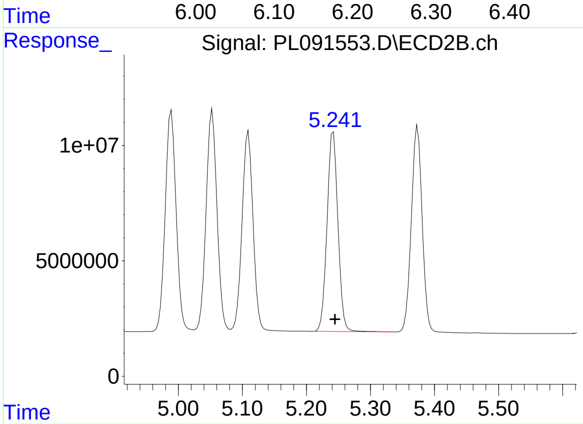
#11 alpha-Chlordane

```
      R.T.:    5.053 min
Delta R.T.:   -0.002 min
  Response: 113568714
      Conc:  48.27 ng/ml
```



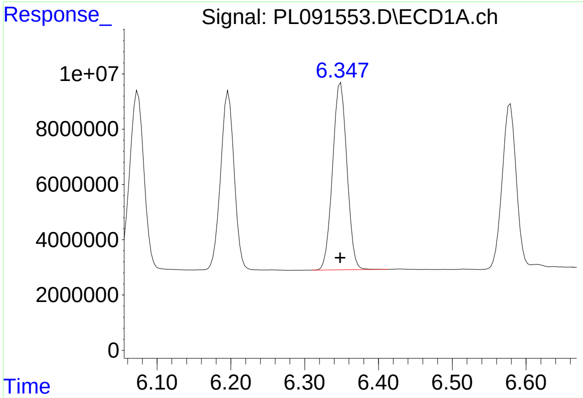
#12 4,4'-DDE

```
      R.T.:    6.197 min
Delta R.T.:    0.001 min
  Response:  82636513
      Conc:  39.50 ng/ml
```



#12 4,4'-DDE

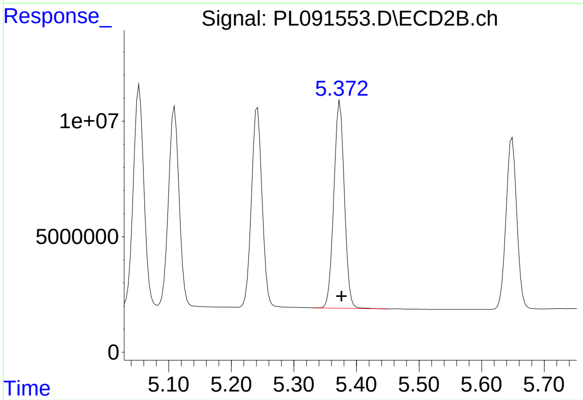
```
      R.T.:    5.242 min
Delta R.T.:   -0.003 min
  Response: 102425434
      Conc:  49.02 ng/ml
```



#13 Dieldrin

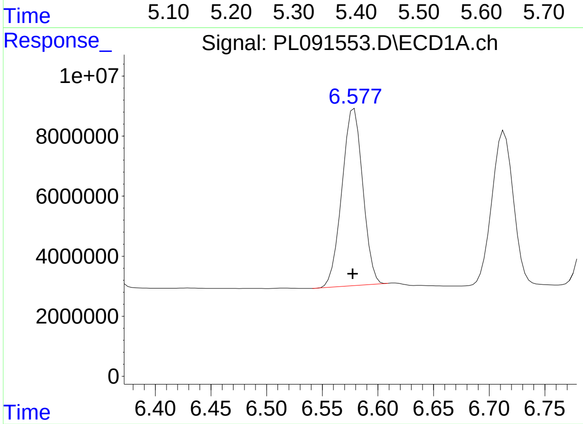
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 91760870
Conc: 38.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



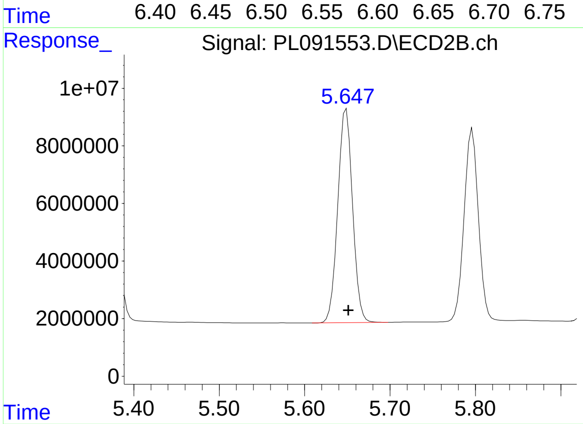
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.003 min
Response: 105252935
Conc: 46.21 ng/ml



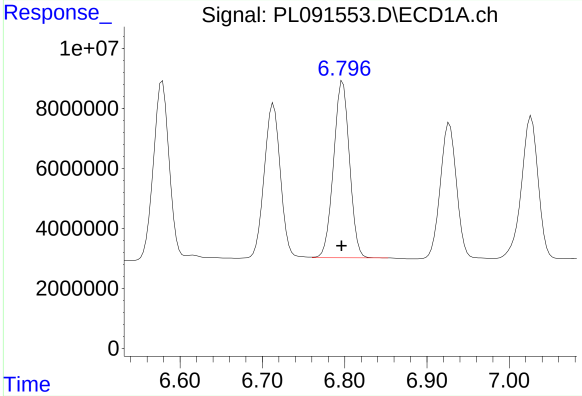
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 77244591
Conc: 39.83 ng/ml



#14 Endrin

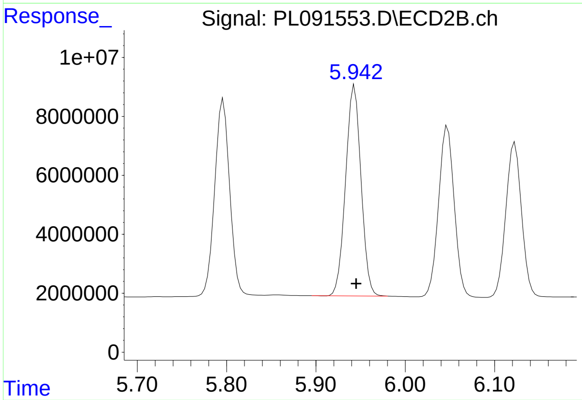
R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 89416958
Conc: 43.89 ng/ml



#15 Endosulfan II

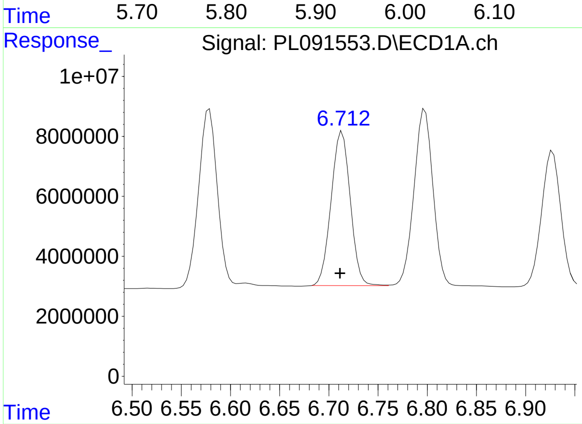
R.T.: 6.798 min
Delta R.T.: 0.002 min
Response: 79410296
Conc: 39.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



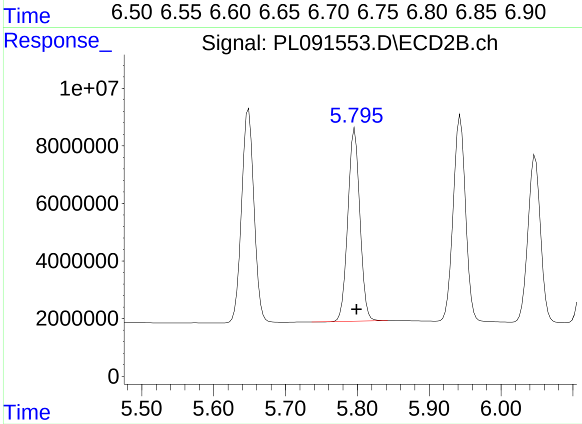
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 85779318
Conc: 44.34 ng/ml



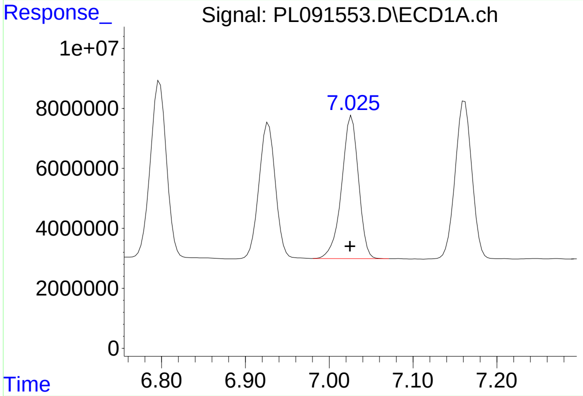
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.002 min
Response: 69898469
Conc: 46.25 ng/ml



#16 4,4'-DDD

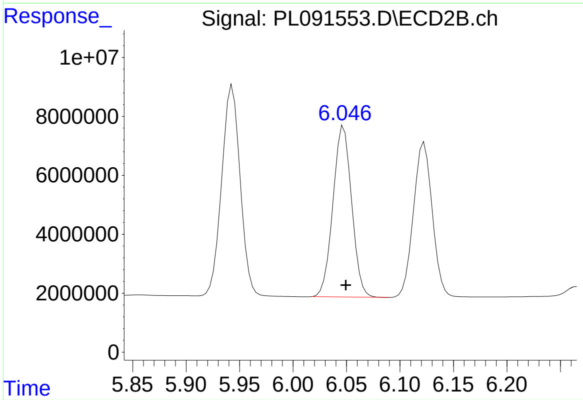
R.T.: 5.796 min
Delta R.T.: -0.002 min
Response: 77901466
Conc: 47.19 ng/ml



#17 4,4'-DDT

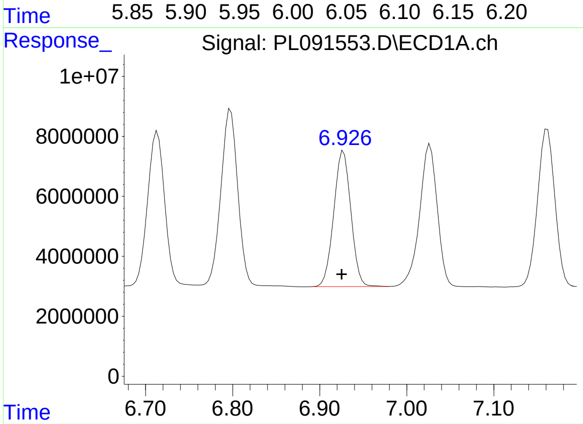
R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 66879797
Conc: 37.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



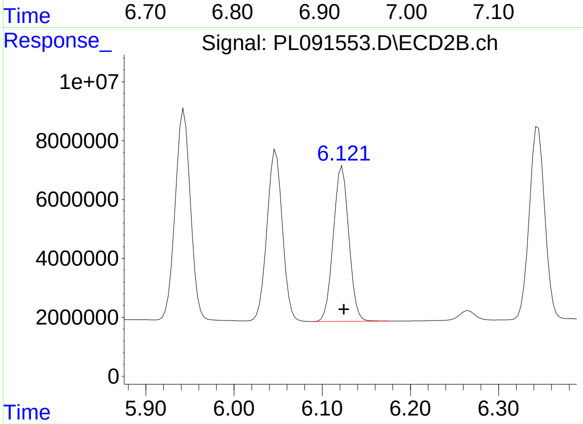
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 70654768
Conc: 39.77 ng/ml



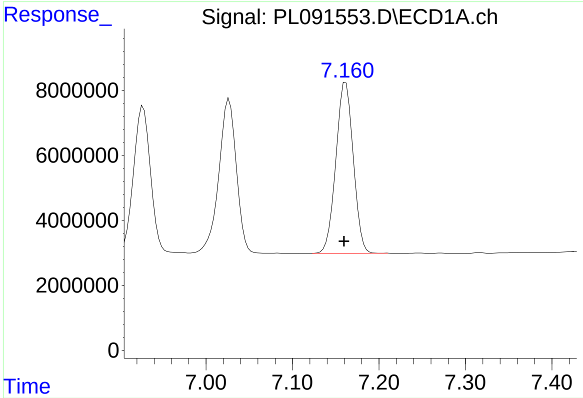
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.002 min
Response: 61965275
Conc: 38.82 ng/ml



#18 Endrin aldehyde

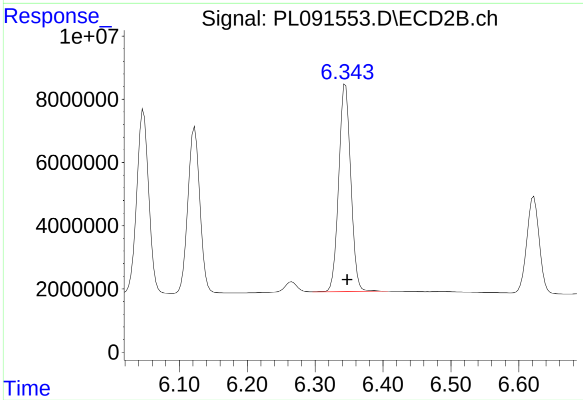
R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 64546816
Conc: 41.44 ng/ml



#19 Endosulfan Sulfate

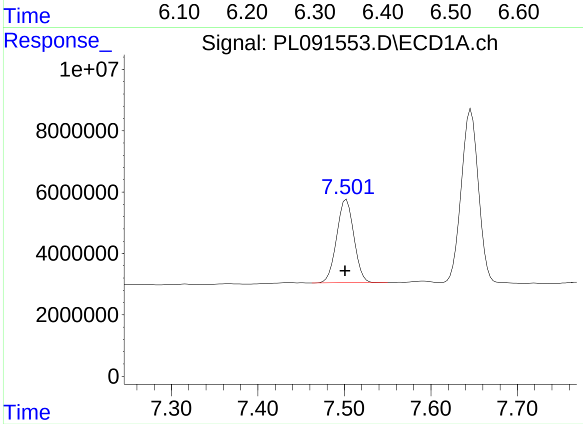
R.T.: 7.162 min
Delta R.T.: 0.002 min
Response: 73034760
Conc: 38.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



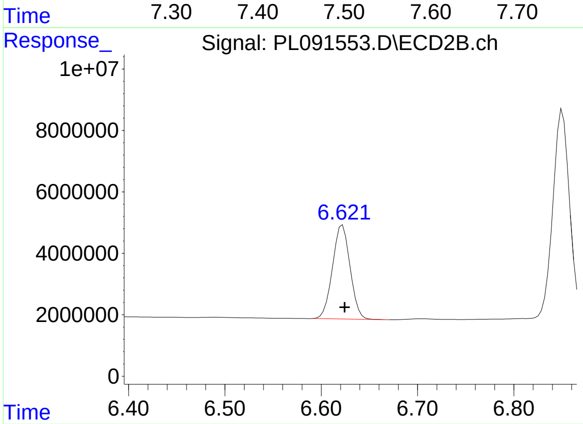
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: 81097242
Conc: 42.06 ng/ml



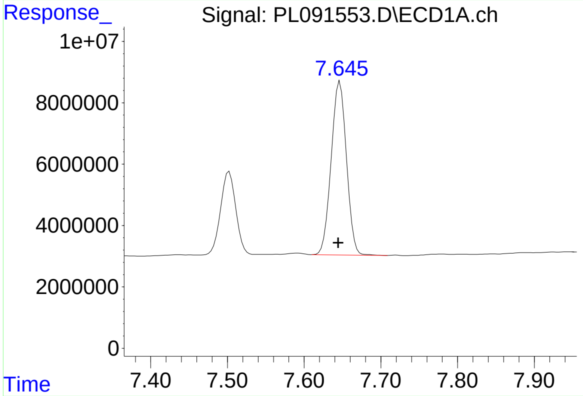
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 37390680
Conc: 39.77 ng/ml



#20 Methoxychlor

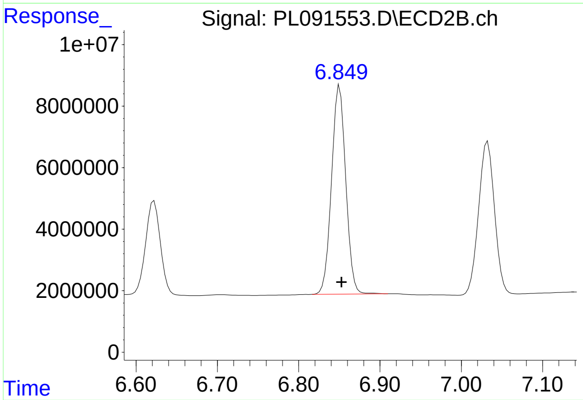
R.T.: 6.622 min
Delta R.T.: -0.002 min
Response: 38767668
Conc: 39.04 ng/ml



#21 Endrin ketone

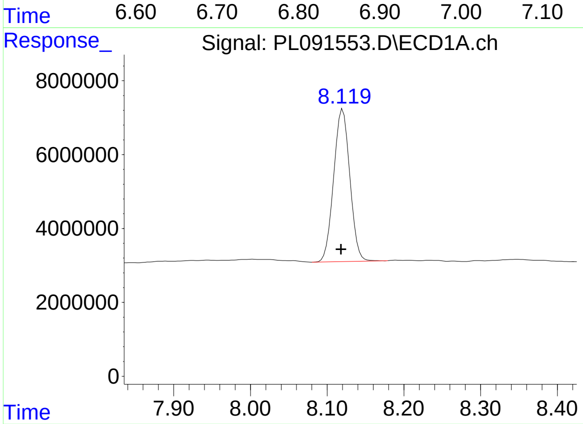
R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 78359205
Conc: 37.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



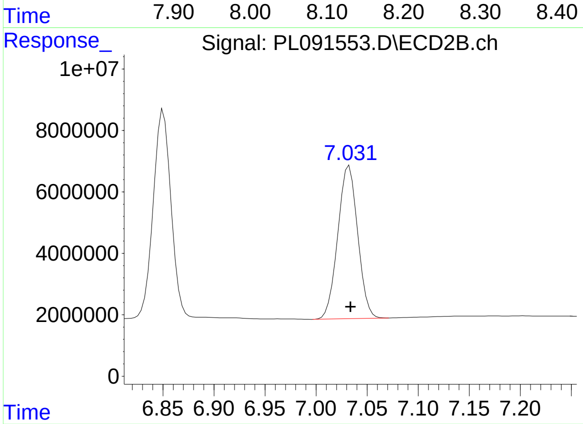
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 82648990
Conc: 37.95 ng/ml



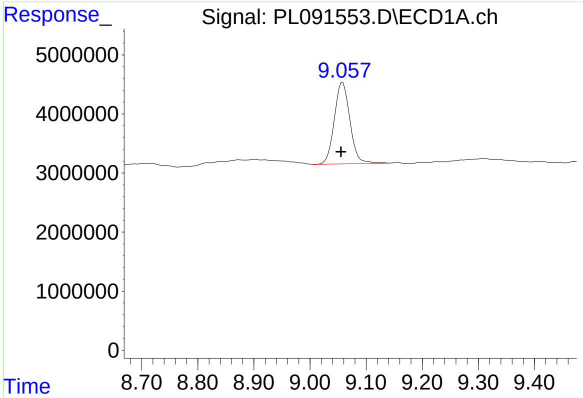
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.002 min
Response: 60608665
Conc: 35.63 ng/ml



#22 Mirex

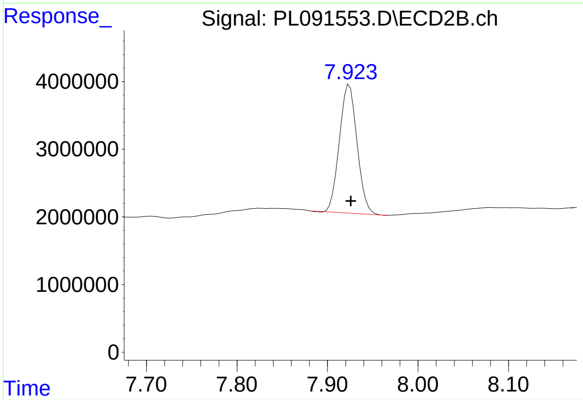
R.T.: 7.033 min
Delta R.T.: -0.001 min
Response: 67601095
Conc: 36.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 26618200
Conc: 17.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163178BS



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 25824308
Conc: 13.63 ng/ml