Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
Data File : PD070097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2022 22:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 21:09:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.442	4.170	49445290	432.5E6	46.462	49.087	
28)	SA	Decachlor...	8.194	9.364	49709474	281.7E6	45.574	52.094	
		Target Compounds							
2)	A	alpha-BHC	3.881	4.566	76309941	656.7E6	46.566	50.146	
3)	MA	gamma-BHC...	4.164	4.856	72078582	614.3E6	41.762	49.798	
4)	MA	Heptachlor	4.460	5.383	68202294	591.4E6	45.684	50.797	
5)	MB	Aldrin	4.708	5.696	67632752	591.6E6	46.668	51.287	
6)	B	beta-BHC	4.415	5.020	31349717	271.4E6	45.044	51.665	
7)	B	delta-BHC	4.618	5.246	70239310	547.5E6	46.101	57.550	
8)	B	Heptachlo...	5.151	6.084	63405707	520.6E6	47.481	66.163	#
9)	A	Endosulfan I	5.489	6.447	59831238	487.9E6	47.751	53.490	
10)	B	gamma-Chl...	5.377	6.321	63484110	527.1E6	46.916	53.193	
11)	B	alpha-Chl...	5.435	6.396	62701898	514.4E6	47.097	52.933	
12)	B	4,4'-DDE	5.601	6.545	58714647	480.1E6	46.343	53.065	
13)	MA	Dieldrin	5.733	6.705	62552610	504.0E6	47.521	53.425	
14)	MA	Endrin	5.991	6.925	50907465	349.9E6	44.088	51.839	
15)	B	Endosulfa...	6.265	7.131	53133328	390.5E6	47.767	52.566	
16)	A	4,4'-DDD	6.118	7.037	53803249	408.5E6	49.726	55.157	
17)	MA	4,4'-DDT	6.358	7.340	45006398	357.3E6	45.412	48.824	
18)	B	Endrin al...	6.434	7.255	41524659	302.3E6	48.330	52.657	
19)	B	Endosulfa...	6.647	7.480	56091929	384.5E6	48.660	52.150	
20)	A	Methoxychlor	6.908	7.794	26923078	163.3E6	47.458	45.812	
21)	B	Endrin ke...	7.140	7.955	59911441	417.7E6	44.960	52.472	
22)		Mirex	7.323	8.421	48209487	270.0E6	47.945	50.545	
23)		Chlordane-1	4.338f	0.000	771745	0	19.704	N.D.	#
25)		Chlordane-3	5.377	6.321	63484110	527.1E6	500.624	408.769	
26)		Chlordane-4	5.435	6.396	62701898	514.4E6	594.783	339.484	#
27)		Chlordane-5	6.265	0.000	53133328	0	1263.398	N.D.	#

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

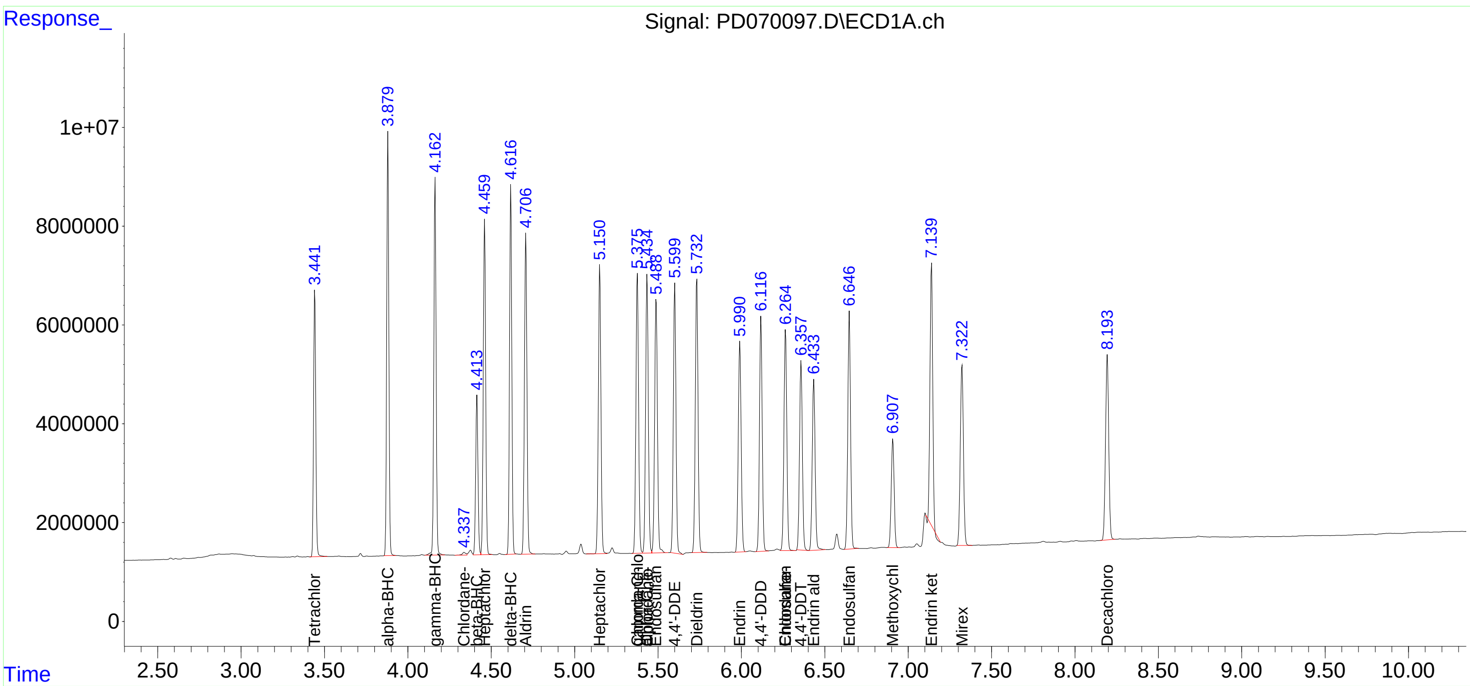
Quantitation Report (Not Reviewed)

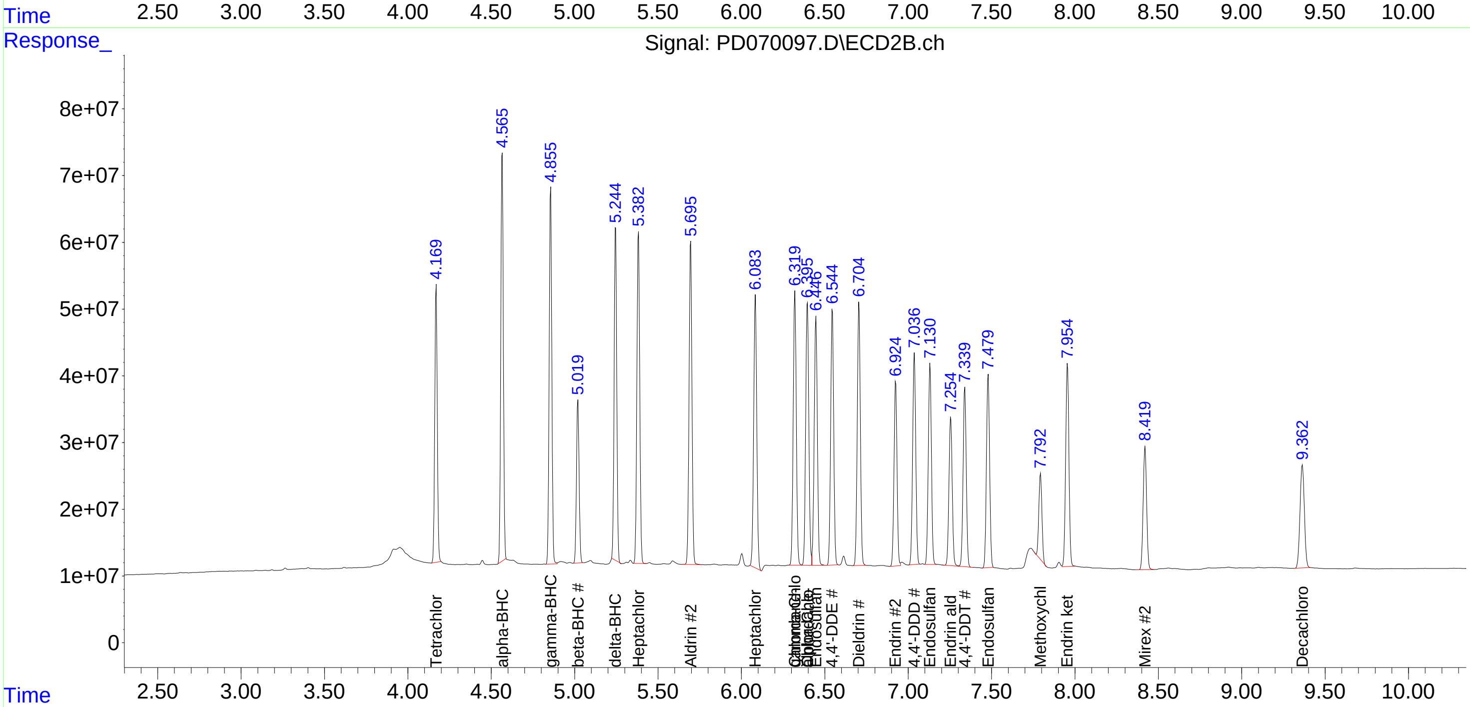
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
Data File : PD070097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2022 22:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

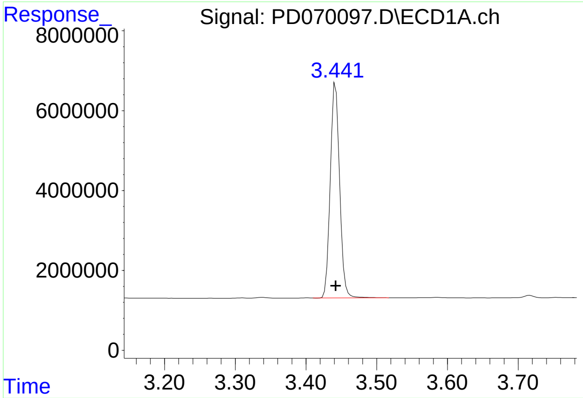
Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 21:09:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

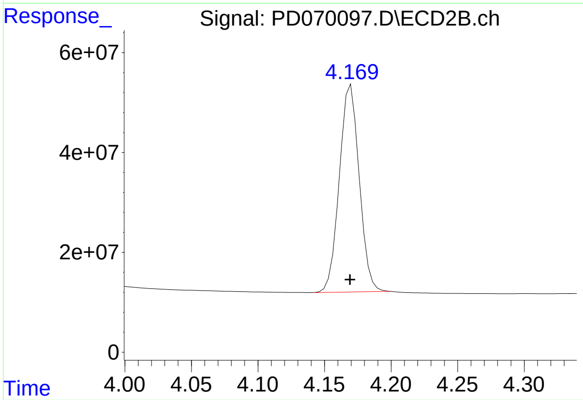




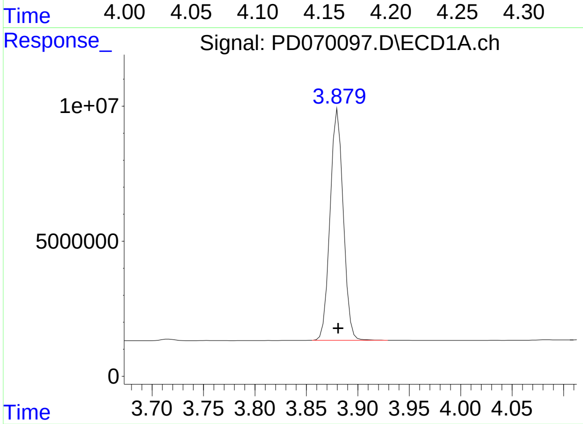



```
#1   Tetrachloro-m-xylene

      R.T.:     3.442 min
Delta R.T.:     0.000 min
  Response:   49445290
      Conc:   46.46 ng/ml
```

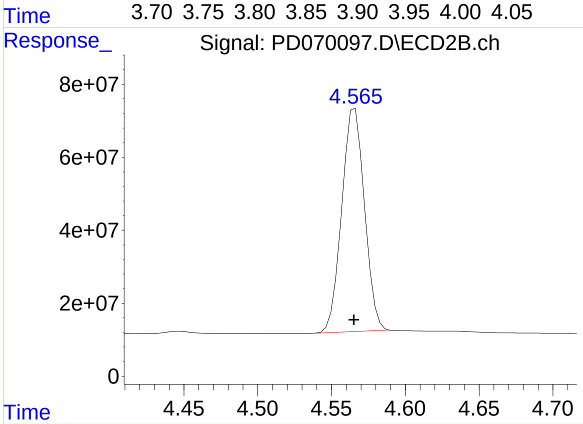
Instrument :
ECD_D
ClientSampleId :



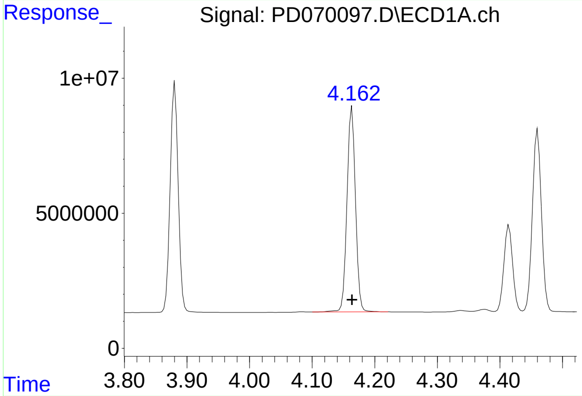

```
#1   Tetrachloro-m-xylene

      R.T.:     4.170 min
Delta R.T.:     0.000 min
  Response:  432537853
      Conc:   49.09 ng/ml
```




```
#2   alpha-BHC

      R.T.:     3.881 min
Delta R.T.:     0.000 min
  Response:   76309941
      Conc:   46.57 ng/ml
```



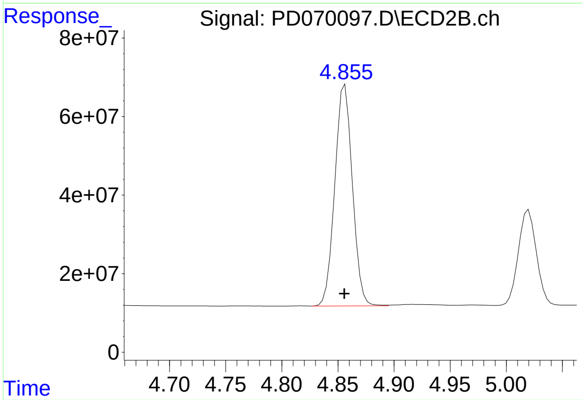

```
#2   alpha-BHC

      R.T.:     4.566 min
Delta R.T.:     0.000 min
  Response:  656662900
      Conc:   50.15 ng/ml
```



#3 gamma-BHC (Lindane)

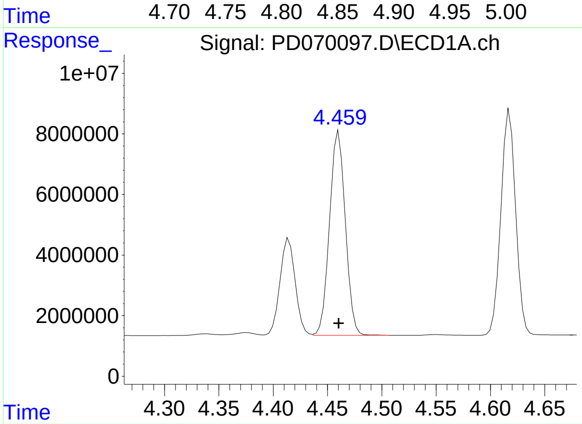
R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 72078582
Conc: 41.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



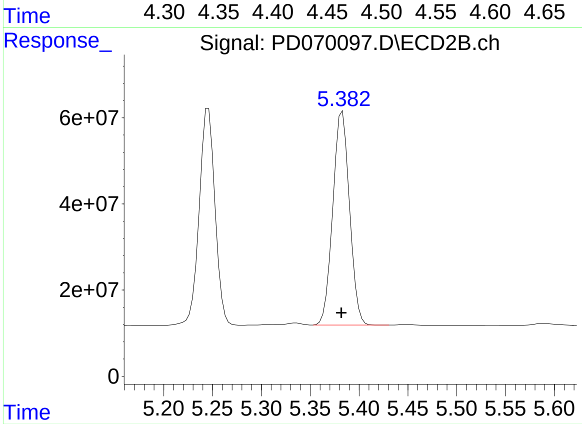
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 614312312
Conc: 49.80 ng/ml



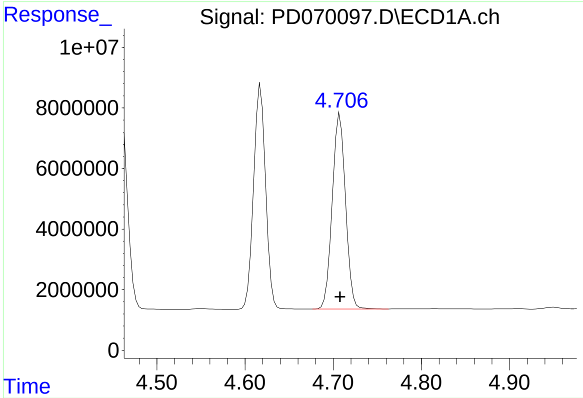
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 68202294
Conc: 45.68 ng/ml



#4 Heptachlor

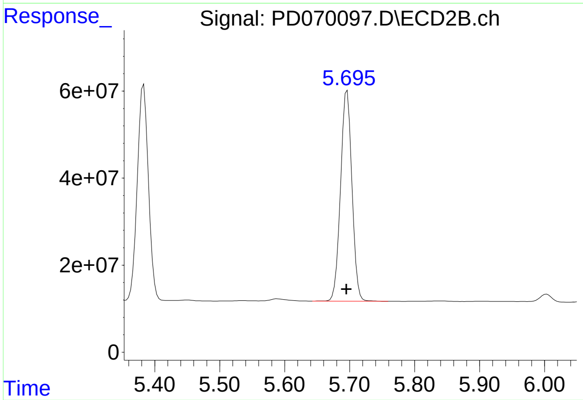
R.T.: 5.383 min
Delta R.T.: 0.001 min
Response: 591356385
Conc: 50.80 ng/ml



#5 Aldrin

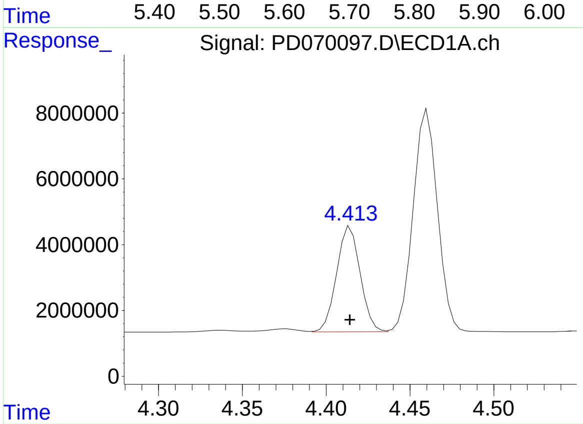
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 67632752
Conc: 46.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



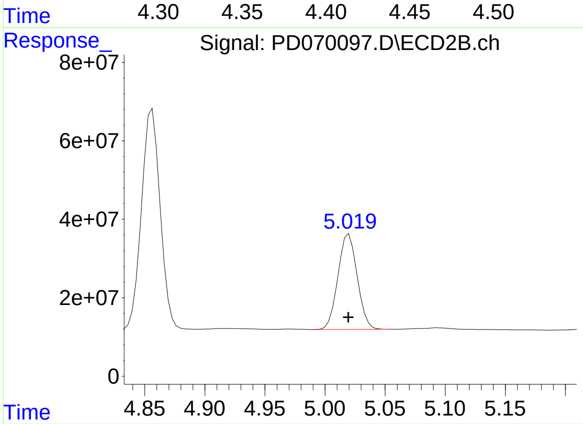
#5 Aldrin

R.T.: 5.696 min
Delta R.T.: 0.001 min
Response: 591649839
Conc: 51.29 ng/ml



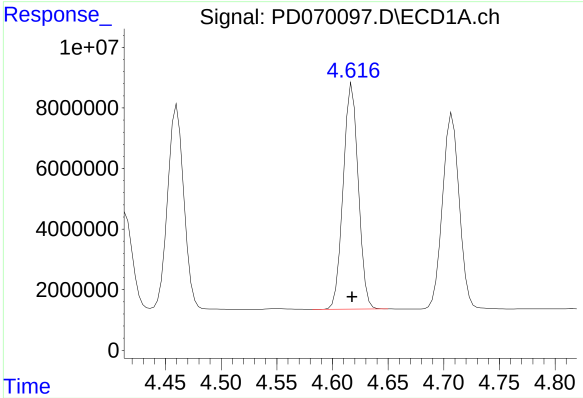
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 31349717
Conc: 45.04 ng/ml



#6 beta-BHC

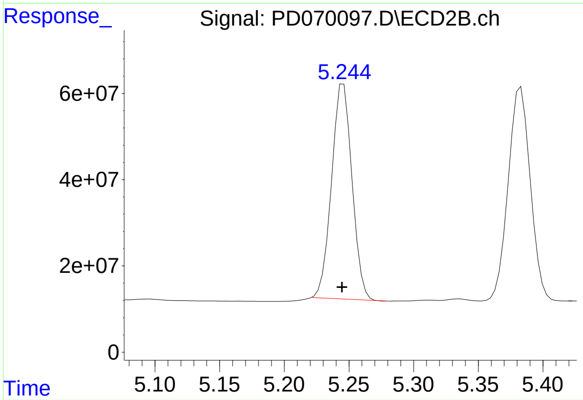
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 271394504
Conc: 51.67 ng/ml



#7 delta-BHC

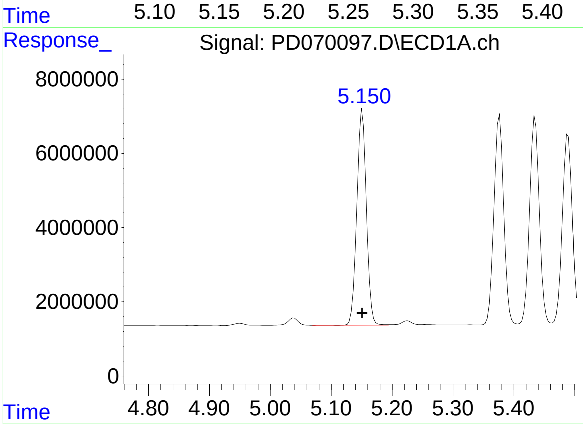
R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 70239310
Conc: 46.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



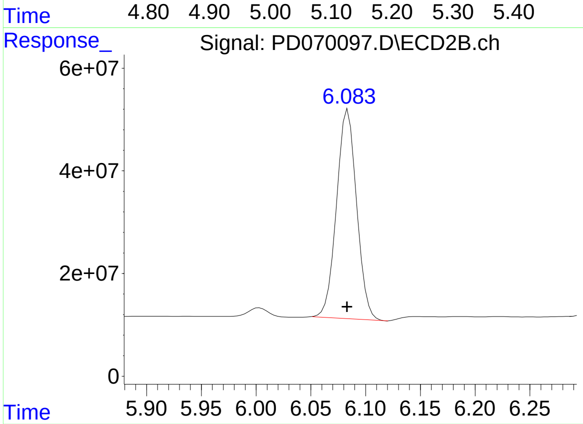
#7 delta-BHC

R.T.: 5.246 min
Delta R.T.: 0.001 min
Response: 547484346
Conc: 57.55 ng/ml



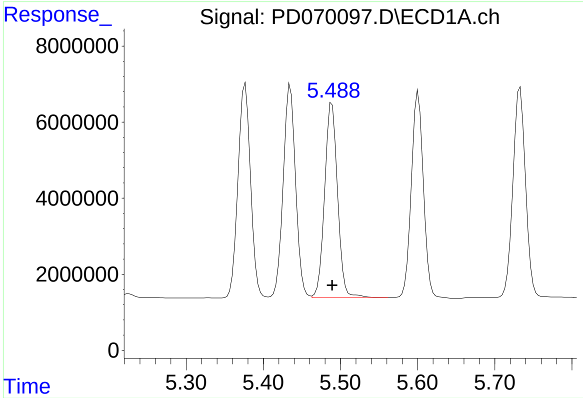
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 63405707
Conc: 47.48 ng/ml



#8 Heptachlor epoxide

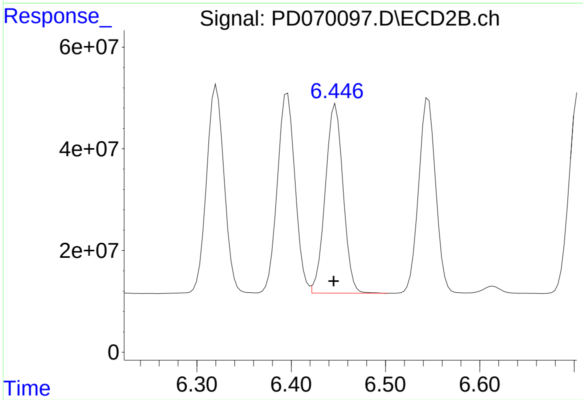
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 520632427
Conc: 66.16 ng/ml



#9 Endosulfan I

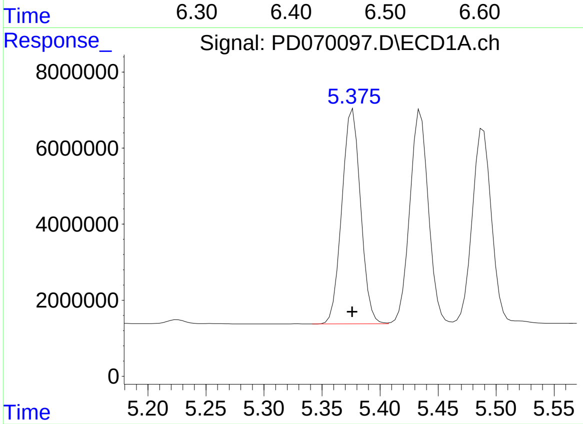
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 59831238
Conc: 47.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



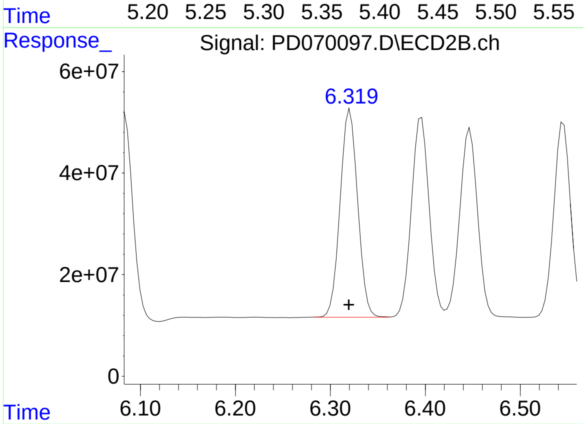
#9 Endosulfan I

R.T.: 6.447 min
Delta R.T.: 0.002 min
Response: 487851156
Conc: 53.49 ng/ml



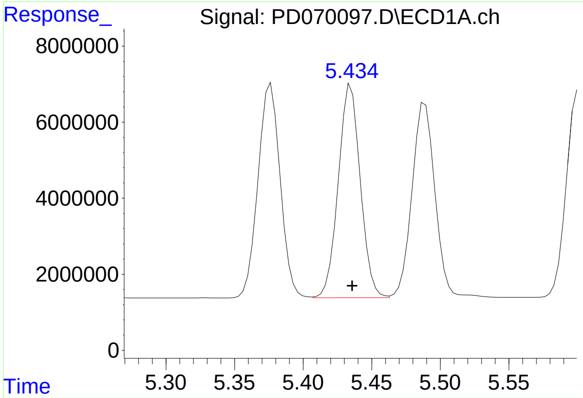
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 63484110
Conc: 46.92 ng/ml



#10 gamma-Chlordane

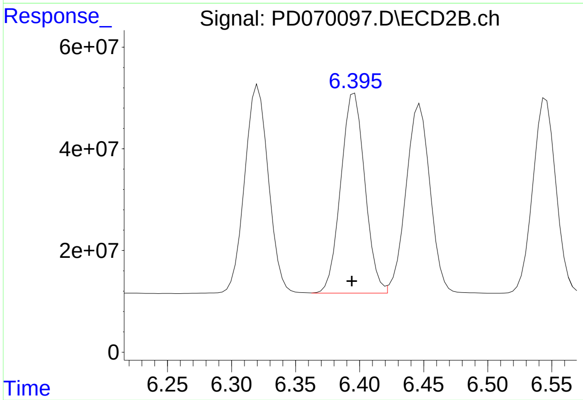
R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 527145081
Conc: 53.19 ng/ml



#11 alpha-Chlordane

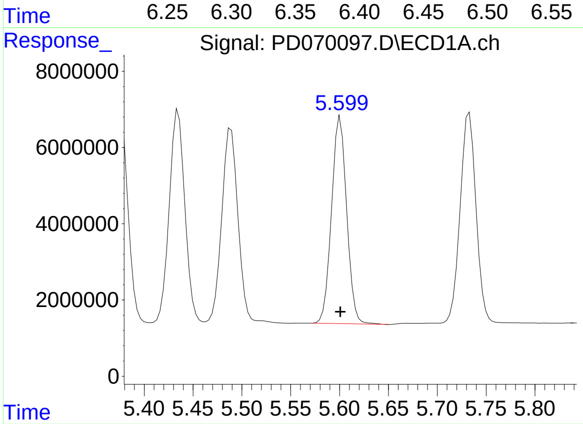
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 62701898
Conc: 47.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



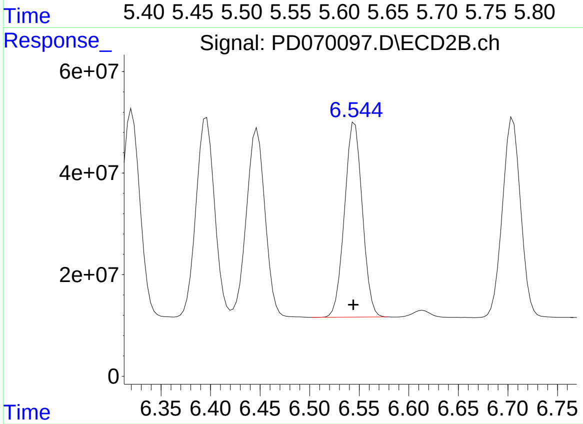
#11 alpha-Chlordane

R.T.: 6.396 min
Delta R.T.: 0.002 min
Response: 514441359
Conc: 52.93 ng/ml



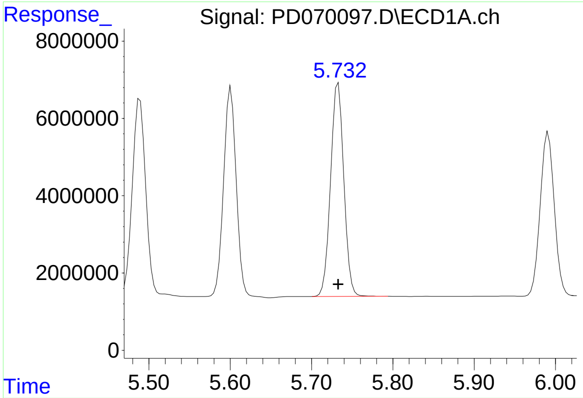
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 58714647
Conc: 46.34 ng/ml



#12 4,4'-DDE

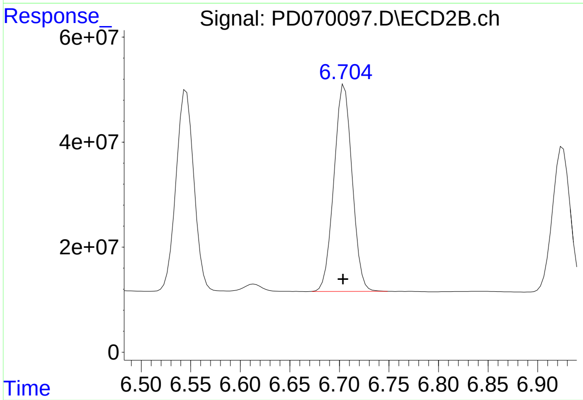
R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 480125493
Conc: 53.07 ng/ml



#13 Dieldrin

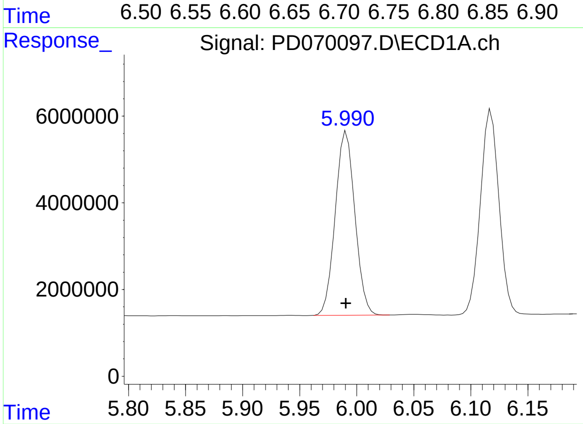
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 62552610
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



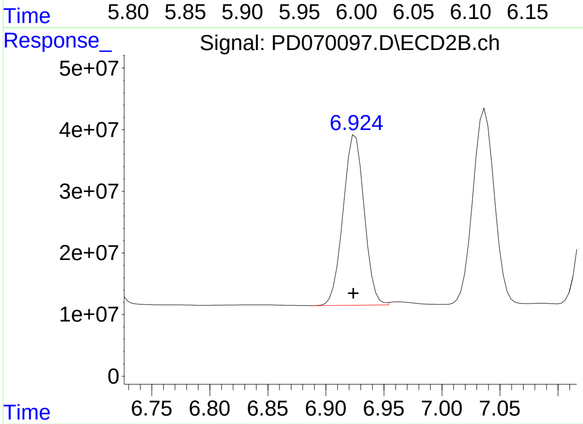
#13 Dieldrin

R.T.: 6.705 min
Delta R.T.: 0.001 min
Response: 504034773
Conc: 53.43 ng/ml



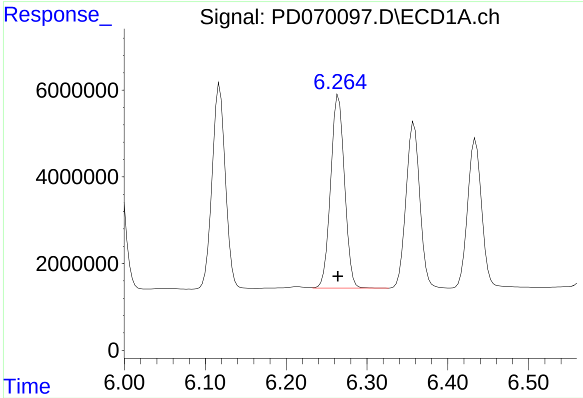
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 50907465
Conc: 44.09 ng/ml



#14 Endrin

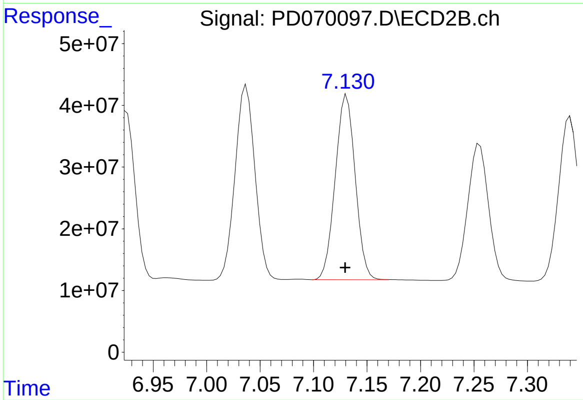
R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 349870088
Conc: 51.84 ng/ml



#15 Endosulfan II

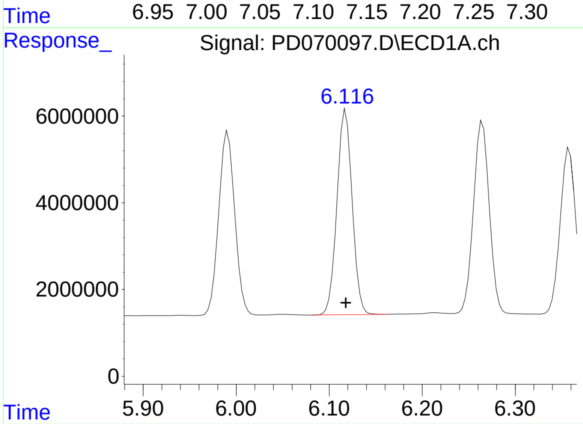
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 53133328
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



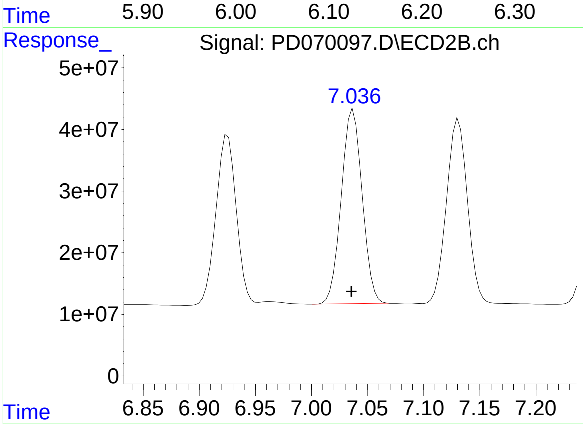
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: 0.002 min
Response: 390455665
Conc: 52.57 ng/ml



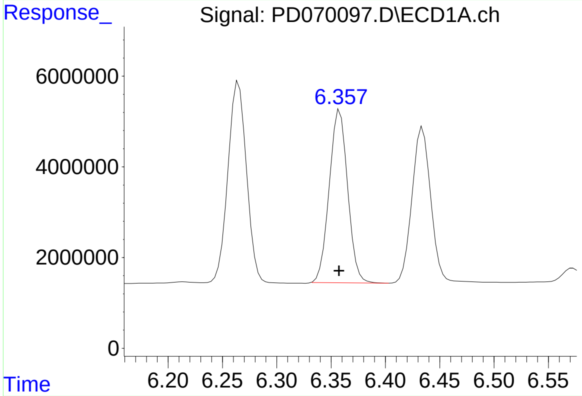
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 53803249
Conc: 49.73 ng/ml



#16 4,4'-DDD

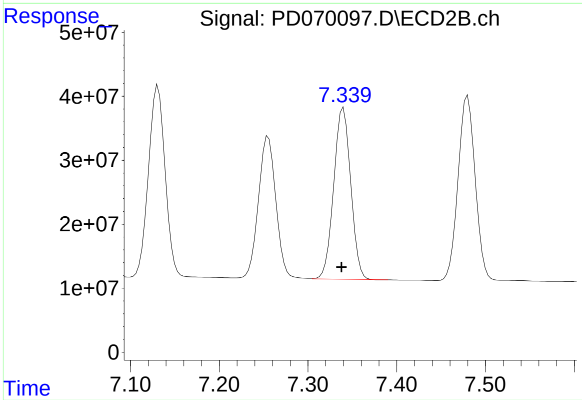
R.T.: 7.037 min
Delta R.T.: 0.002 min
Response: 408451546
Conc: 55.16 ng/ml



#17 4,4'-DDT

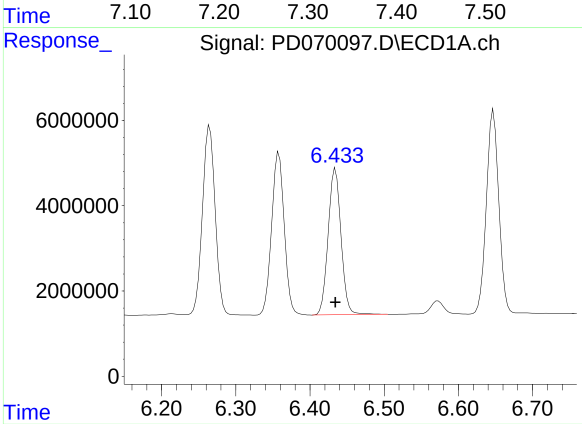
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 45006398
Conc: 45.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



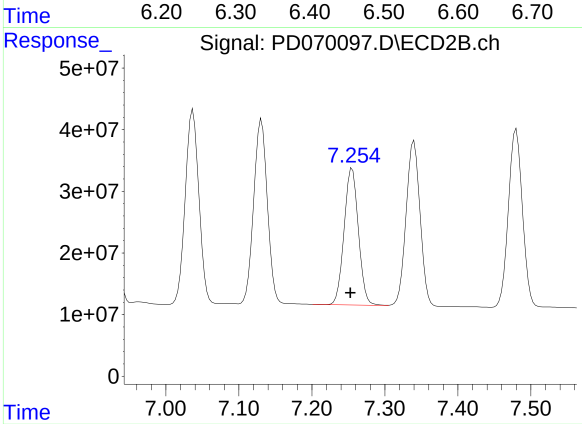
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 357299860
Conc: 48.82 ng/ml



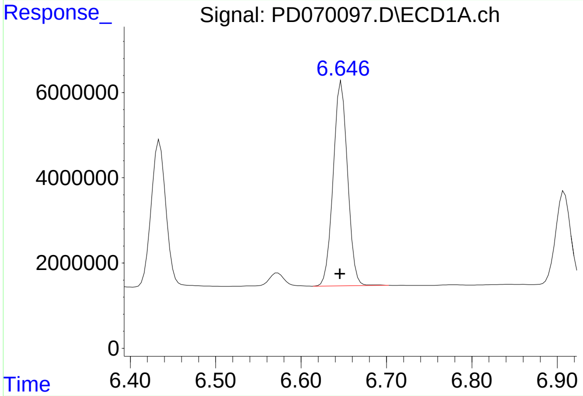
#18 Endrin aldehyde

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 41524659
Conc: 48.33 ng/ml



#18 Endrin aldehyde

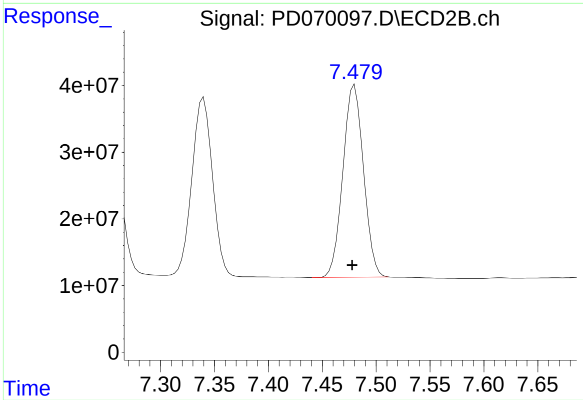
R.T.: 7.255 min
Delta R.T.: 0.002 min
Response: 302341882
Conc: 52.66 ng/ml



#19 Endosulfan Sulfate

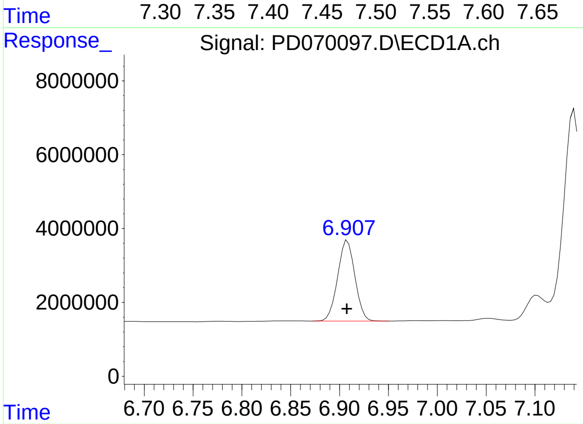
R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 56091929
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



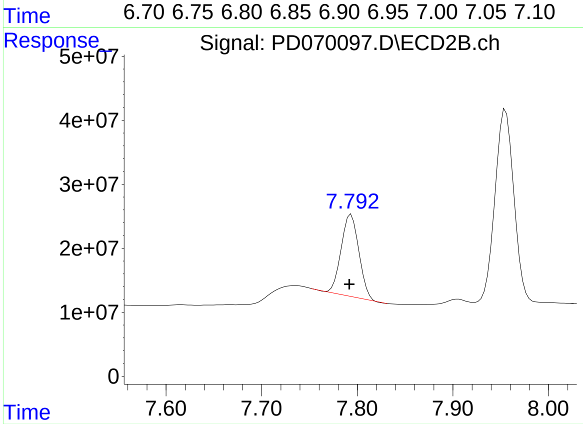
#19 Endosulfan Sulfate

R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 384506888
Conc: 52.15 ng/ml



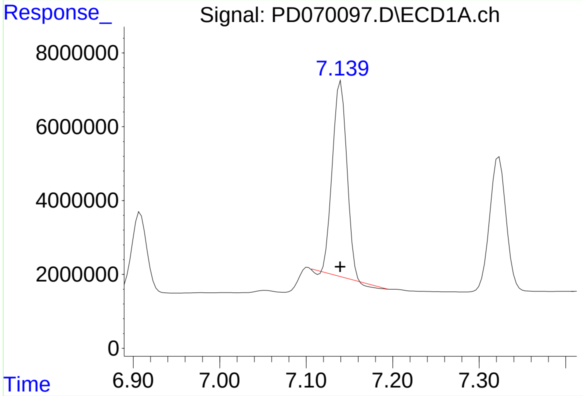
#20 Methoxychlor

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 26923078
Conc: 47.46 ng/ml



#20 Methoxychlor

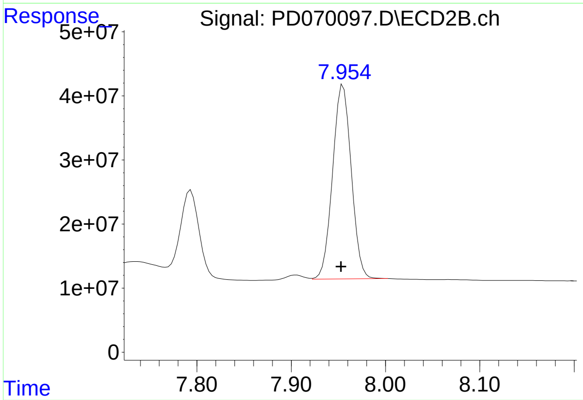
R.T.: 7.794 min
Delta R.T.: 0.002 min
Response: 163347209
Conc: 45.81 ng/ml



#21 Endrin ketone

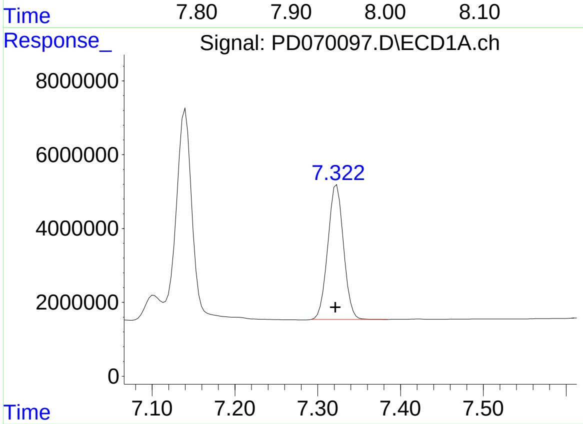
R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 59911441
Conc: 44.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



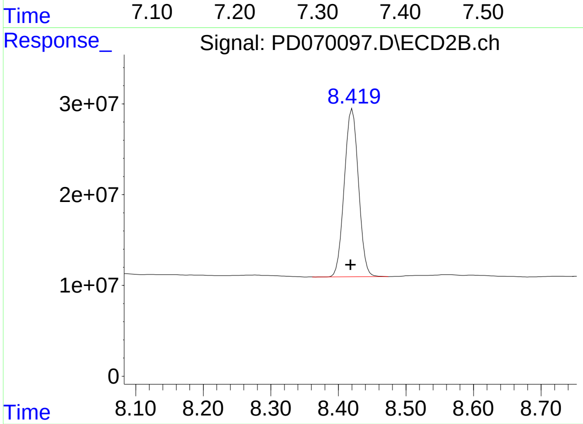
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 417744458
Conc: 52.47 ng/ml



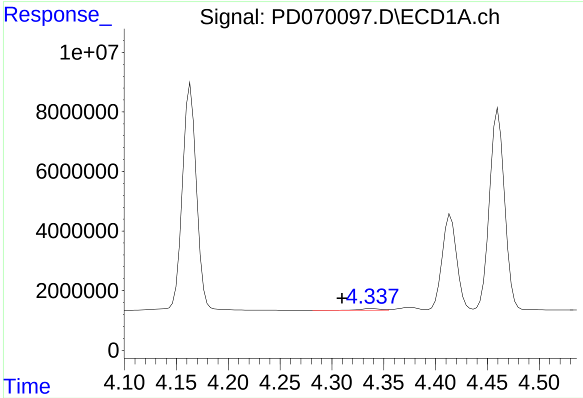
#22 Mirex

R.T.: 7.323 min
Delta R.T.: 0.002 min
Response: 48209487
Conc: 47.94 ng/ml



#22 Mirex

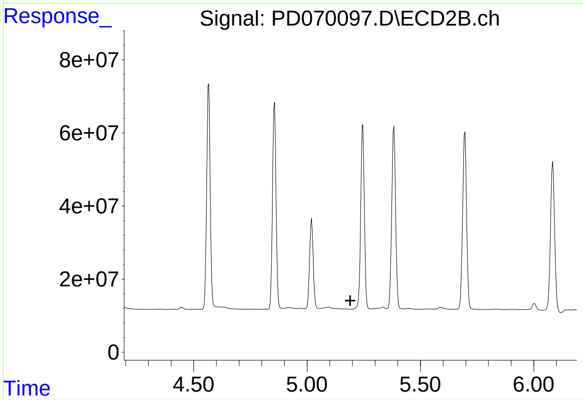
R.T.: 8.421 min
Delta R.T.: 0.003 min
Response: 270020899
Conc: 50.54 ng/ml



#23 Chlordane-1

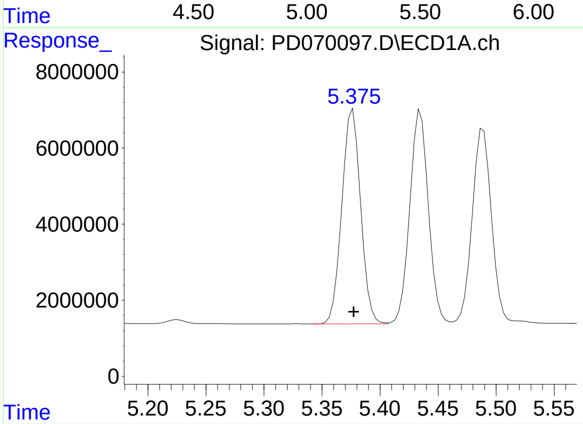
R.T.: 4.338 min
Delta R.T.: 0.028 min
Response: 771745
Conc: 19.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



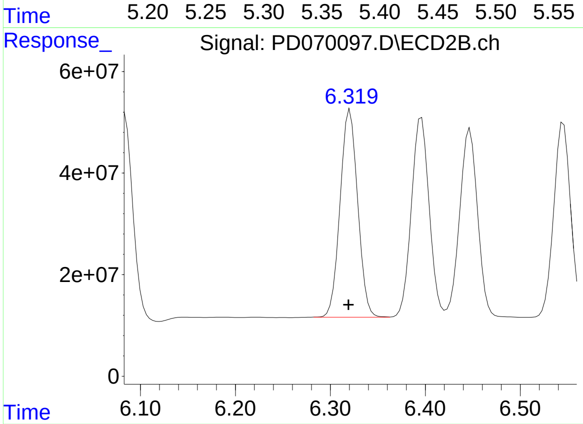
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.190 min
Response: 0
Conc: N.D.



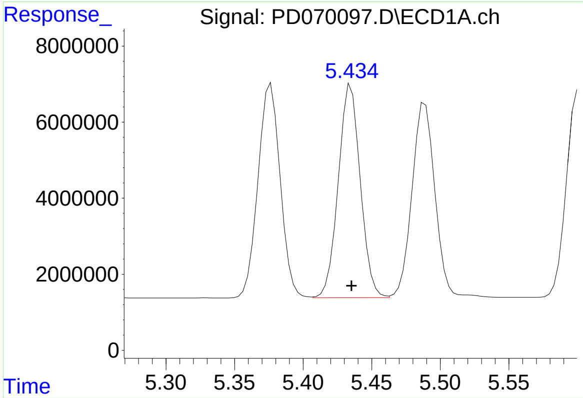
#25 Chlordane-3

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 63484110
Conc: 500.62 ng/ml



#25 Chlordane-3

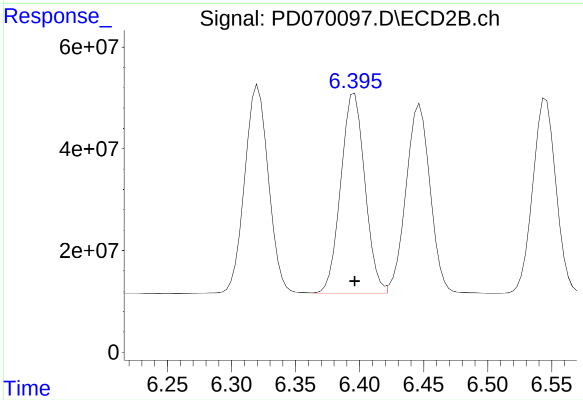
R.T.: 6.321 min
Delta R.T.: 0.002 min
Response: 527145081
Conc: 408.77 ng/ml



#26 Chlordane-4

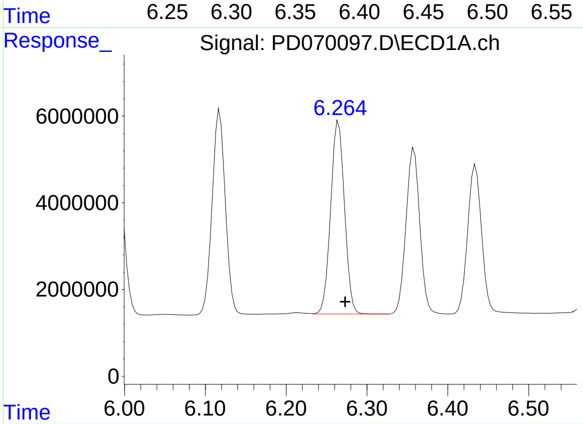
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 62701898
Conc: 594.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



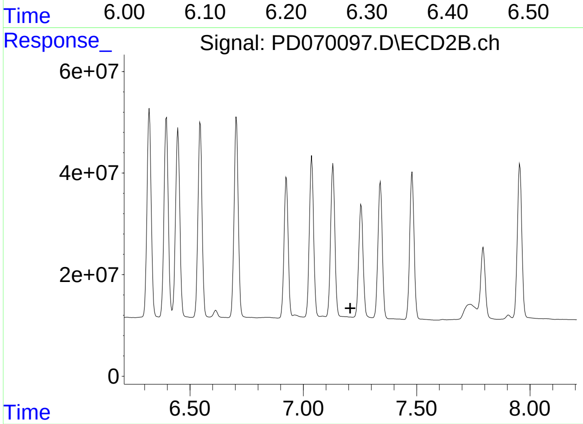
#26 Chlordane-4

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 514441359
Conc: 339.48 ng/ml



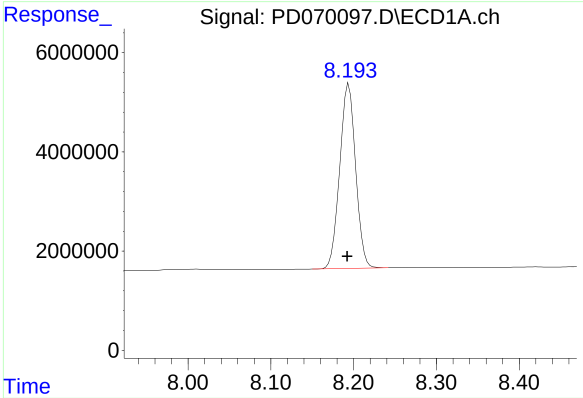
#27 Chlordane-5

R.T.: 6.265 min
Delta R.T.: -0.008 min
Response: 53133328
Conc: 1263.40 ng/ml



#27 Chlordane-5

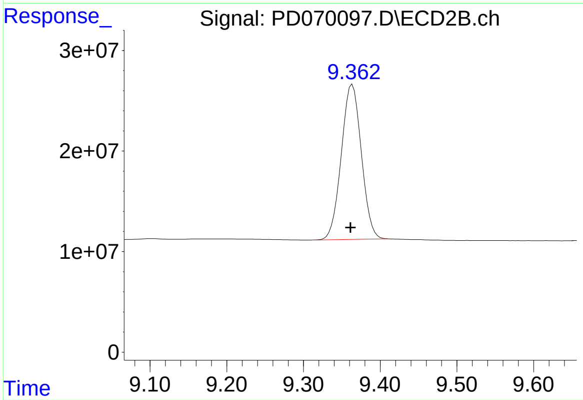
R.T.: 0.000 min
Exp R.T. : 7.207 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 49709474
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.002 min
Response: 281730159
Conc: 52.09 ng/ml