Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092324\
Data File : PD085588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Sep 2024 04:04
Operator : AR\AJ
Sample : P4018-17
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 05:16:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091924CLP.M
Quant Title : GC Extractables
QLast Update : Fri Sep 20 05:48:22 2024
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 x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.487	2.905	-11954781	950.2E6	N.D.	251.374	
27)	SA	Decachlor...	8.962	8.084	47079012	57934037	28.699	21.671	
		Target Compounds							
2)	A	alpha-BHC	3.932	3.402	123.5E6	255.6E6	52.267	46.286	
4)	MA	Heptachlor	4.854	4.079	115.7E6	521.5E6	54.798	109.867	#
5)	MB	Aldrin	5.193	4.375	117.9E6	226.4E6	54.321	44.656	
6)	B	beta-BHC	4.443	4.028	20196009	66791290	21.178	28.721	#
7)	B	delta-BHC	4.692	4.269	127.8E6	284.1E6	56.045	53.942	
8)	B	Heptachlo...	5.612	4.878	133.7E6	264.2E6	66.911	56.917	
9)	A	Endosulfan I	5.994	5.254	102.4E6	187.9E6	57.797	45.723	
10)	B	trans-Chl...	5.866	5.132	126.8E6	199.4E6	66.602	44.064	#
11)	B	cis-Chlor...	5.947	5.197	102.0E6	218.1E6	50.903	47.006	
12)	B	4,4'-DDE	6.117	5.381	207.1E6	408.7E6	118.495	95.392	
13)	MA	Dieldrin	6.266	5.521	233.6E6	428.0E6	120.811	91.953	
14)	MA	Endrin	6.492	5.798	191.5E6	425.6E6	119.110	102.621	
15)	B	Endosulfa...	6.704	6.090	165.4E6	352.4E6	90.225	95.234	
16)	A	4,4'-DDD	6.625	5.938	200.8E6	341.6E6	152.429	101.991	#
17)	MA	4,4'-DDT	6.940	6.192	112.8E6	317.0E6	92.567	100.080	
18)	B	Endrin al...	6.832	6.269	122.6E6	267.2E6	103.535	96.645	
19)	B	Endosulfa...	7.066	6.493	164.2E6	337.3E6	108.761	98.198	
20)	A	Methoxychlor	7.412	6.764	368.6E6	705.0E6	503.770	434.378	
21)	B	Endrin ke...	7.545	7.004	198.1E6	406.1E6	123.936	87.435	#
22)		Toxaphene-1	5.788	5.197	2557208	218.1E6	521.855	8834.218	#
23)		Toxaphene-2	6.378	5.521	14271172	428.0E6	816.899	17607.144	#
24)		Toxaphene-3	6.940f	5.865	112.8E6	32438625	2647.304	1368.307	#
25)		Toxaphene-4	7.066	7.285f	164.2E6	33428517	5207.150	661.690	#
26)		Toxaphene-5	7.843	7.355	4136990	266.8E6	179.634	8456.986	#

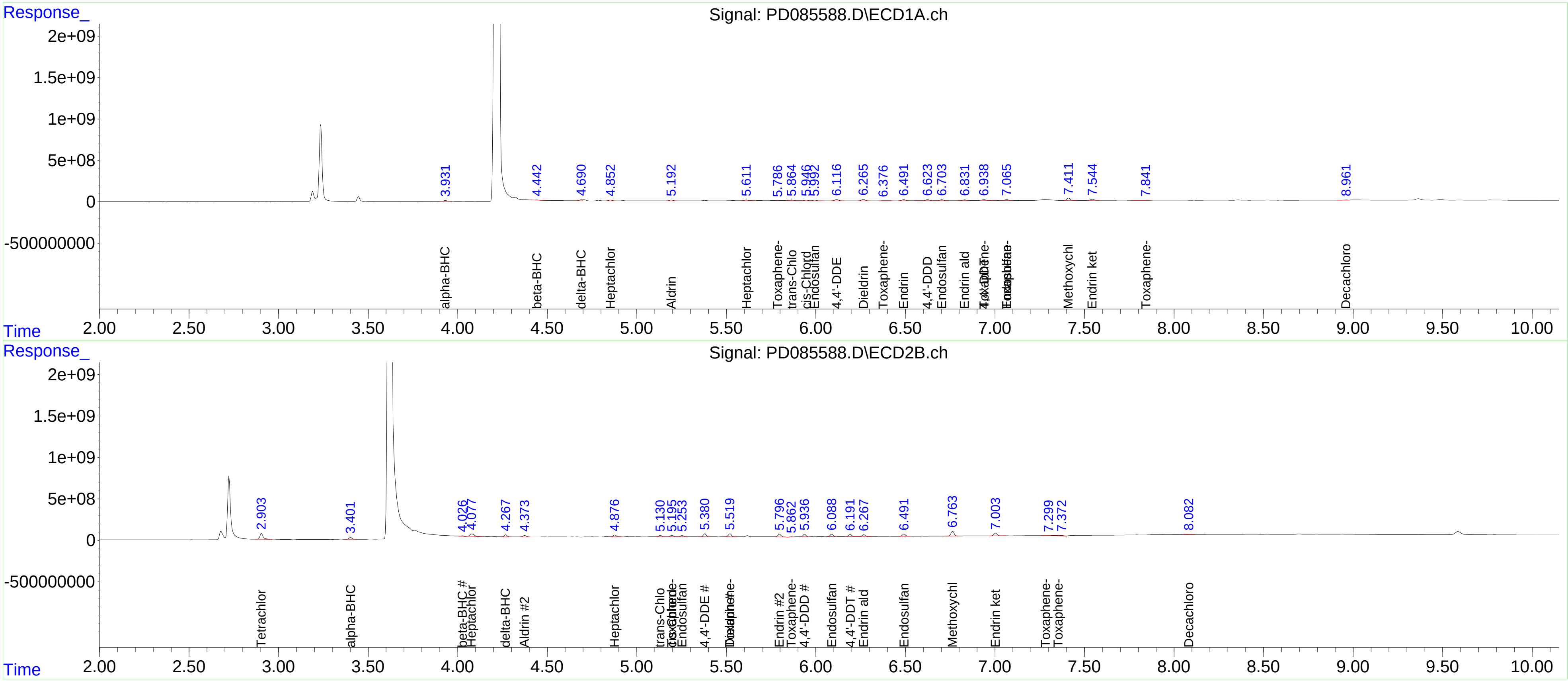
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

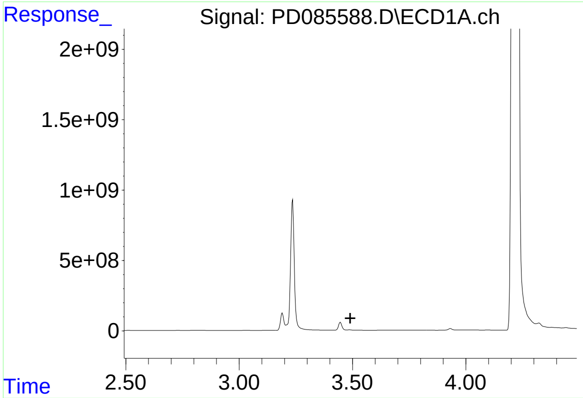
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092324\
Data File : PD085588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Sep 2024 04:04
Operator : AR\AJ
Sample : P4018-17
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 05:16:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091924CLP.M
Quant Title : GC Extractables
QLast Update : Fri Sep 20 05:48:22 2024
Response via : Initial Calibration
Integrator: ChemStation

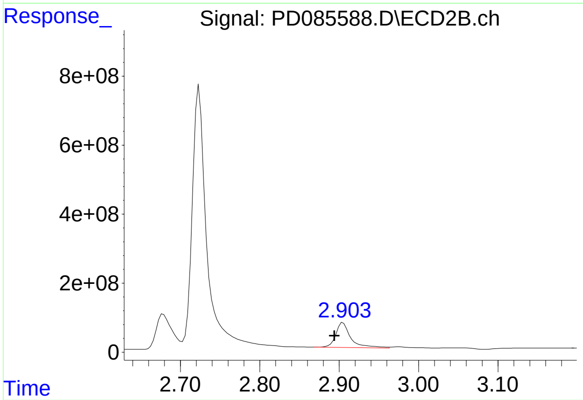
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





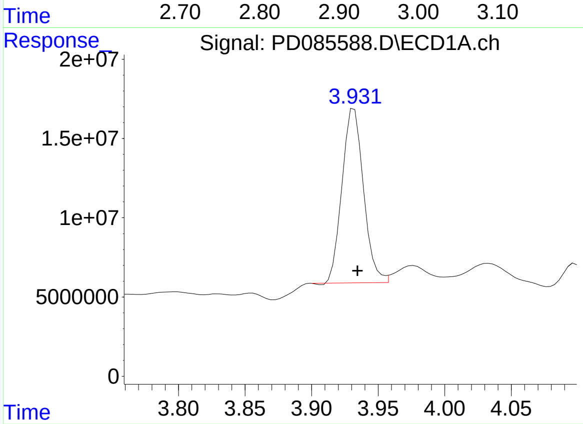
#1 Tetrachloro-m-xylene

R.T.: 3.487 min
Delta R.T.: -0.003 min
Response: -11954781
Conc: N.D.



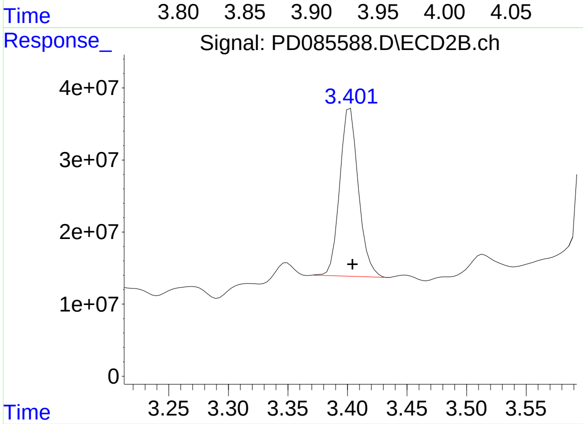
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.011 min
Response: 950157660
Conc: 251.37 ng/ml



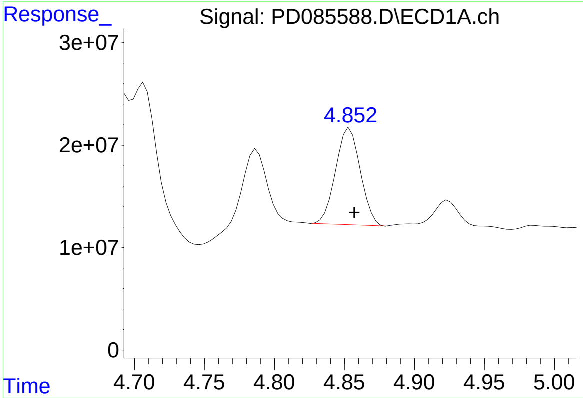
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: -0.002 min
Response: 123490716
Conc: 52.27 ng/ml



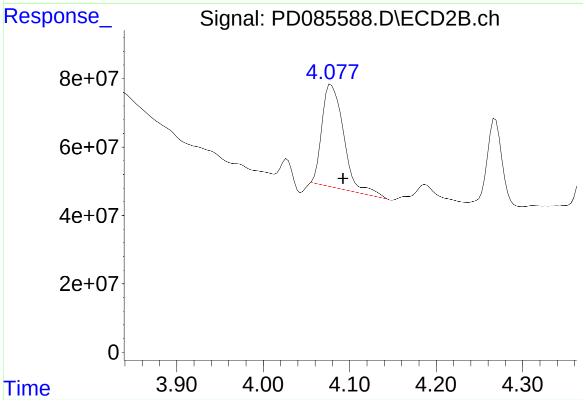
#2 alpha-BHC

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 255592312
Conc: 46.29 ng/ml



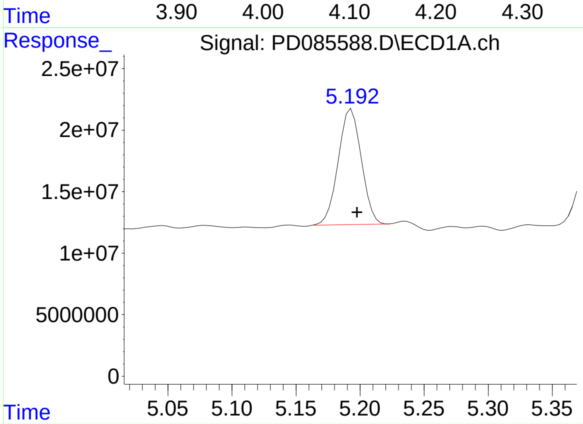
#4 Heptachlor

R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 115710606
Conc: 54.80 ng/ml



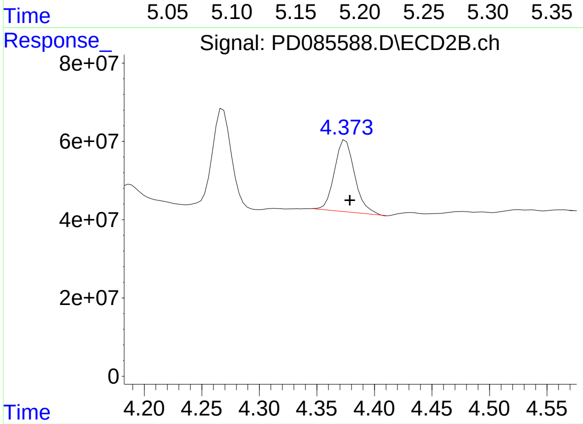
#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: -0.014 min
Response: 521522057
Conc: 109.87 ng/ml



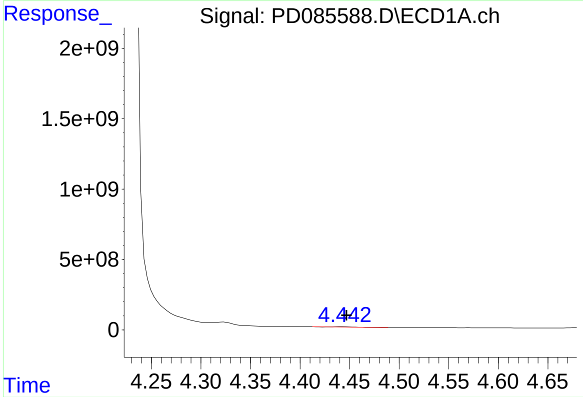
#5 Aldrin

R.T.: 5.193 min
Delta R.T.: -0.004 min
Response: 117910496
Conc: 54.32 ng/ml



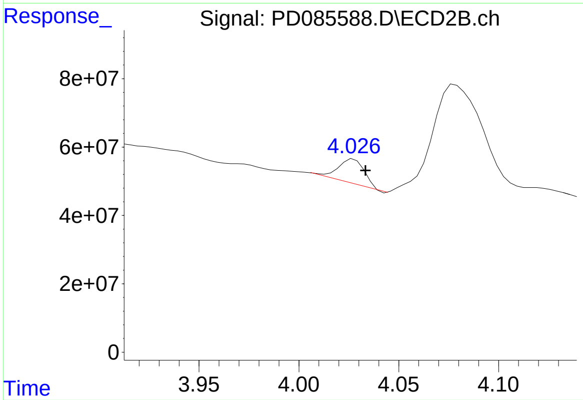
#5 Aldrin

R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 226352499
Conc: 44.66 ng/ml



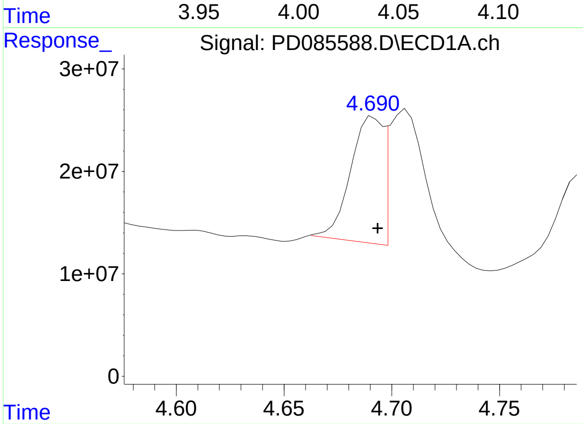
#6 beta-BHC

R.T.: 4.443 min
Delta R.T.: -0.004 min
Response: 20196009
Conc: 21.18 ng/ml



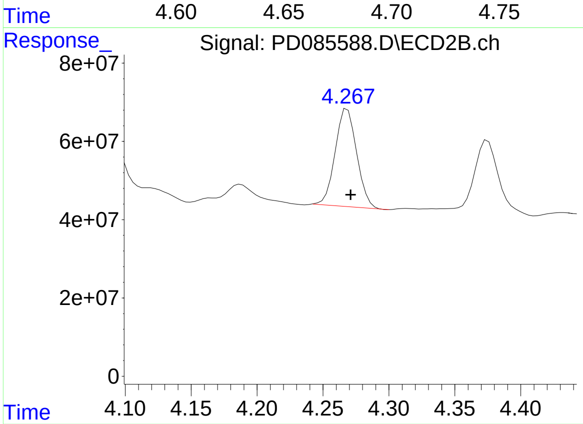
#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: -0.006 min
Response: 66791290
Conc: 28.72 ng/ml



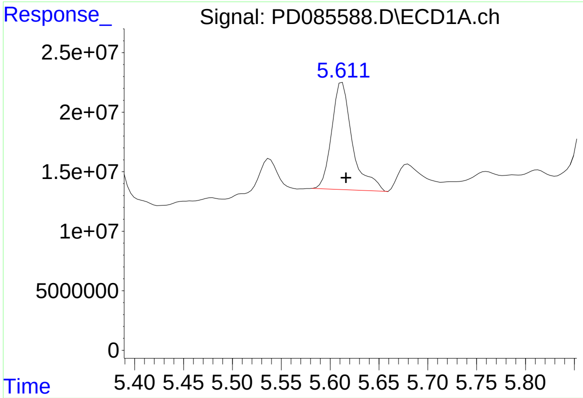
#7 delta-BHC

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 127760249
Conc: 56.04 ng/ml



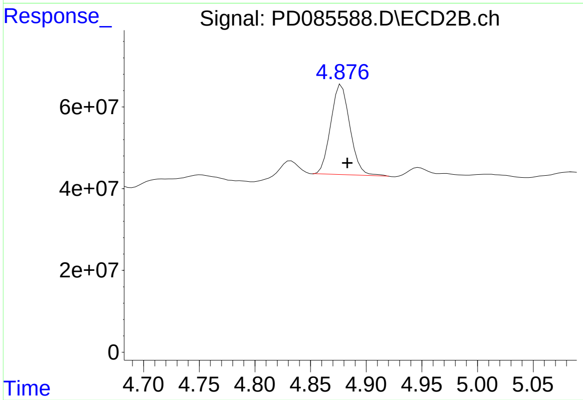
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 284143277
Conc: 53.94 ng/ml



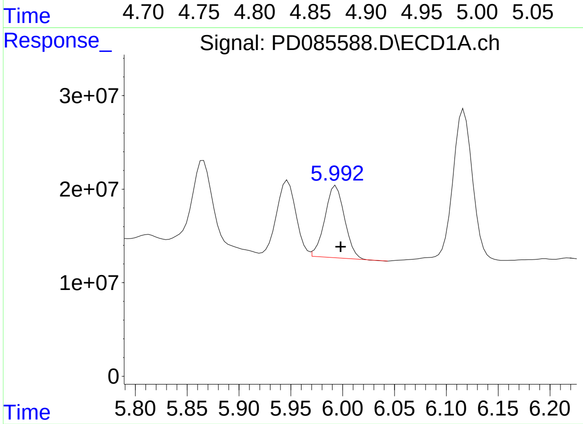

```
#8  Heptachlor epoxide

       R.T.:    5.612 min
Delta R.T.:   -0.004 min
   Response: 133652002
       Conc:  66.91 ng/ml
```



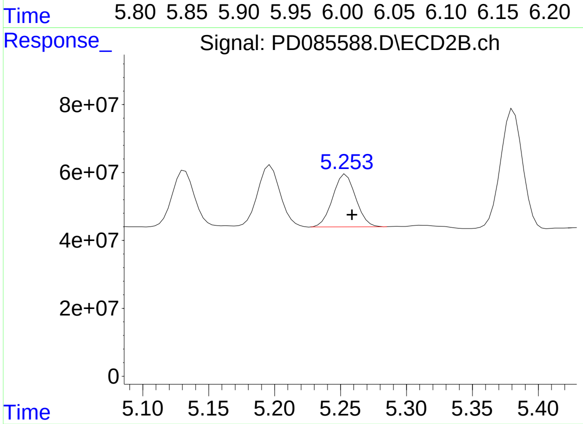

```
#8  Heptachlor epoxide

       R.T.:    4.878 min
Delta R.T.:   -0.005 min
   Response: 264219592
       Conc:  56.92 ng/ml
```



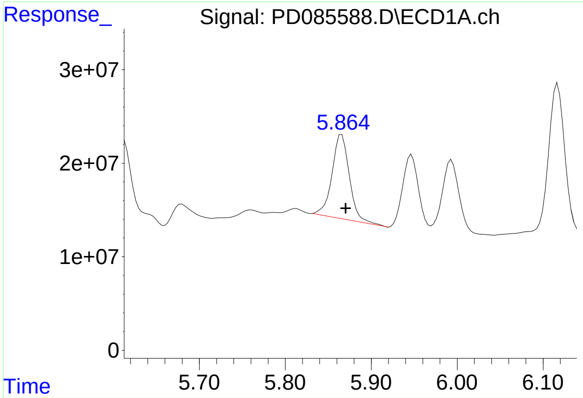

```
#9  Endosulfan I

       R.T.:    5.994 min
Delta R.T.:   -0.005 min
   Response: 102436412
       Conc:  57.80 ng/ml
```



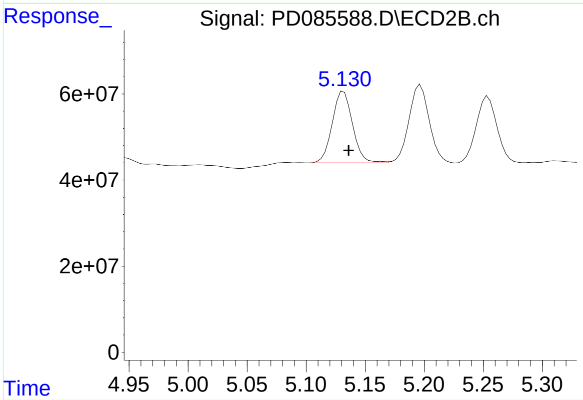

```
#9  Endosulfan I

       R.T.:    5.254 min
Delta R.T.:   -0.005 min
   Response: 187892324
       Conc:  45.72 ng/ml
```



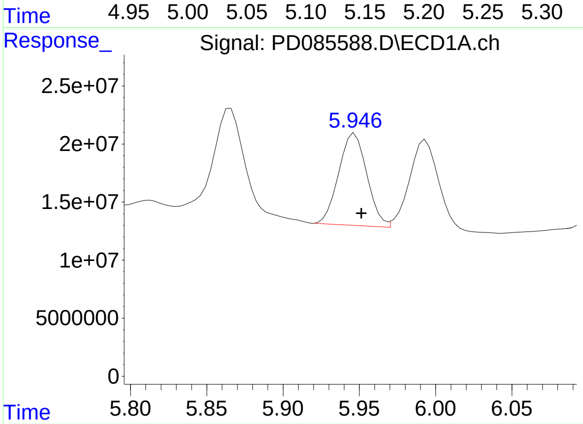
#10 trans-Chlordane

R.T.: 5.866 min
Delta R.T.: -0.005 min
Response: 126761246
Conc: 66.60 ng/ml



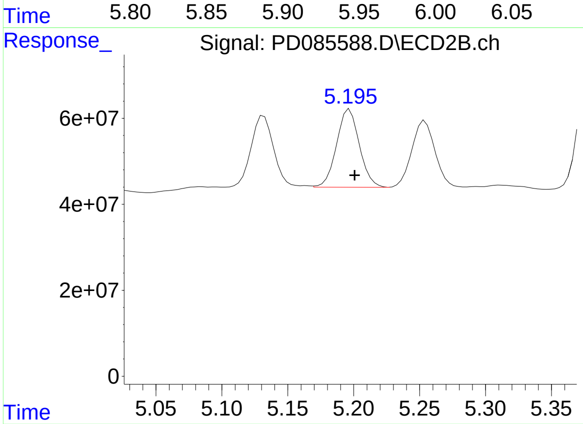
#10 trans-Chlordane

R.T.: 5.132 min
Delta R.T.: -0.004 min
Response: 199395549
Conc: 44.06 ng/ml



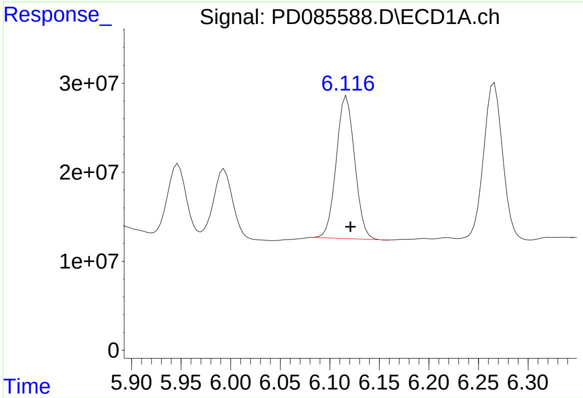
#11 cis-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 102044879
Conc: 50.90 ng/ml



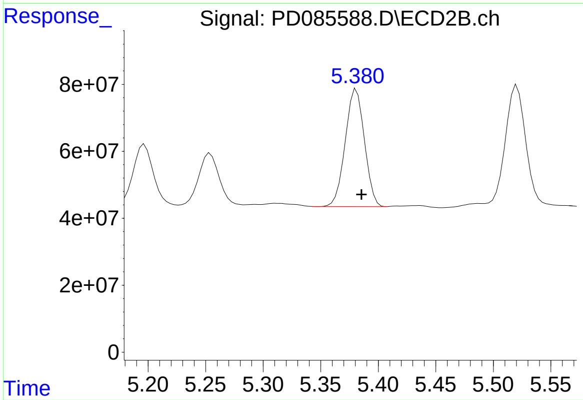
#11 cis-Chlordane

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 218065674
Conc: 47.01 ng/ml



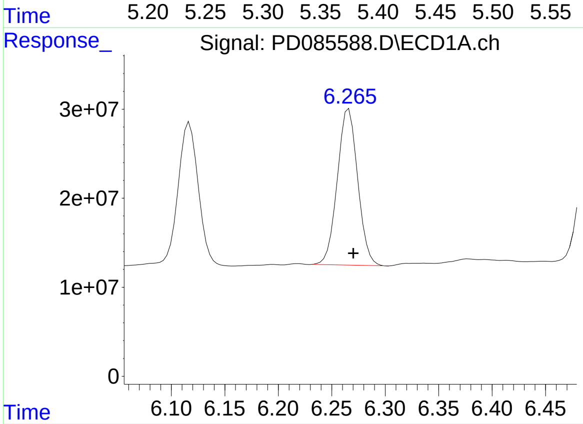
#12 4,4'-DDE

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 207139392
Conc: 118.49 ng/ml



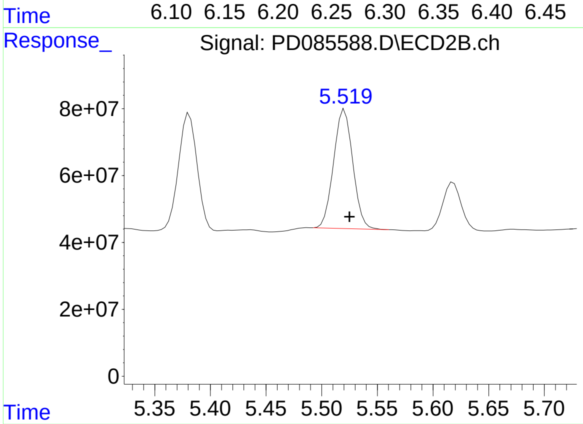
#12 4,4'-DDE

R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 408692698
Conc: 95.39 ng/ml



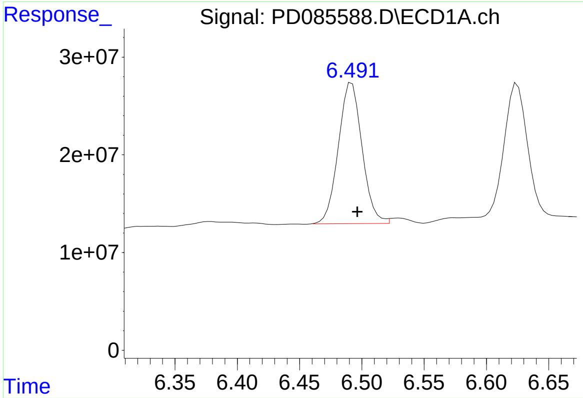
#13 Dieldrin

R.T.: 6.266 min
Delta R.T.: -0.004 min
Response: 233562693
Conc: 120.81 ng/ml



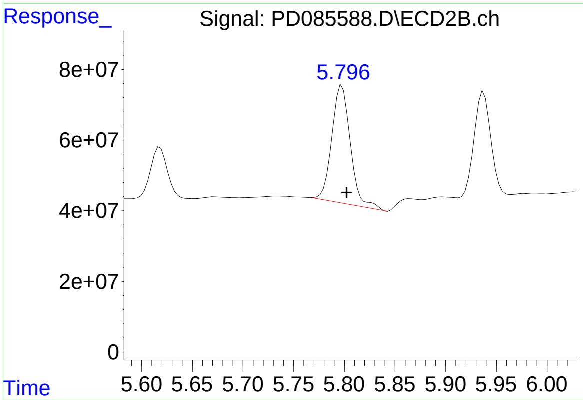
#13 Dieldrin

R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 428044876
Conc: 91.95 ng/ml



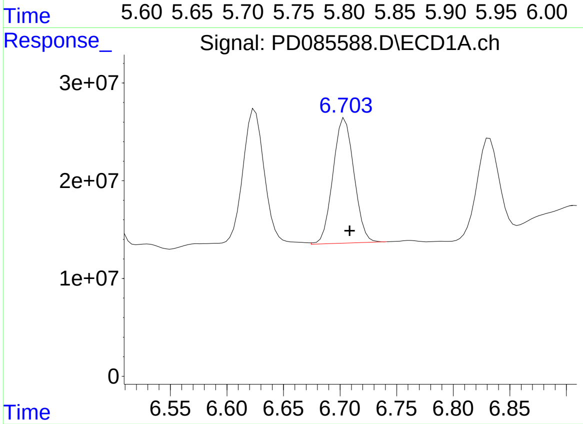
#14 Endrin

```
     R.T.:    6.492 min
Delta R.T.:   -0.004 min
  Response: 191503975
     Conc: 119.11 ng/ml
```



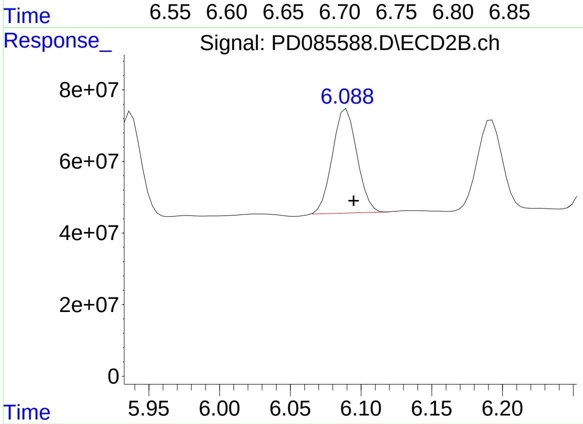
#14 Endrin

```
     R.T.:    5.798 min
Delta R.T.:   -0.004 min
  Response: 425647073
     Conc: 102.62 ng/ml
```



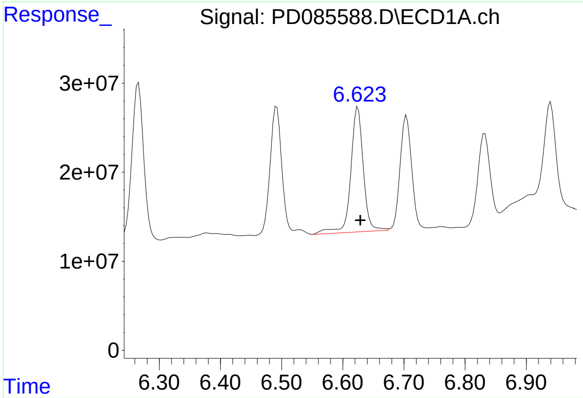
#15 Endosulfan II

```
     R.T.:    6.704 min
Delta R.T.:   -0.004 min
  Response: 165431080
     Conc:  90.23 ng/ml
```



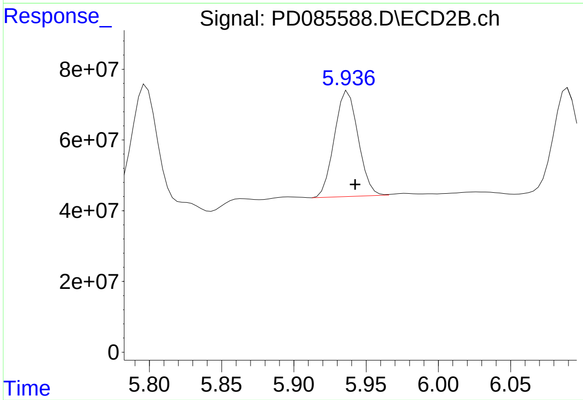
#15 Endosulfan II

```
     R.T.:    6.090 min
Delta R.T.:   -0.005 min
  Response: 352382791
     Conc:  95.23 ng/ml
```



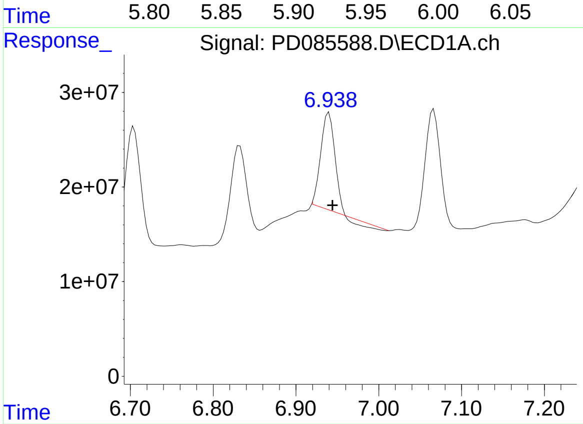
#16 4,4'-DDD

R.T.: 6.625 min
Delta R.T.: -0.004 min
Response: 200832951
Conc: 152.43 ng/ml



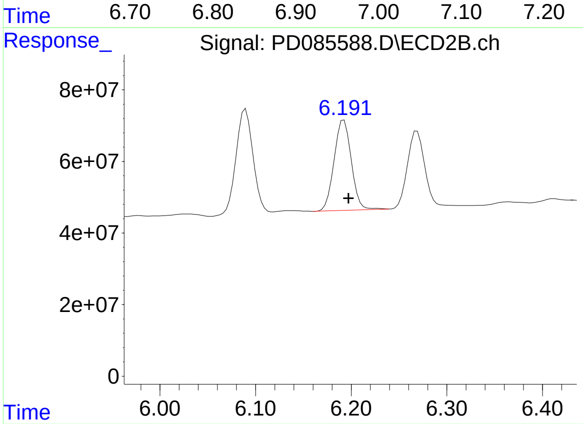
#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: -0.005 min
Response: 341554076
Conc: 101.99 ng/ml



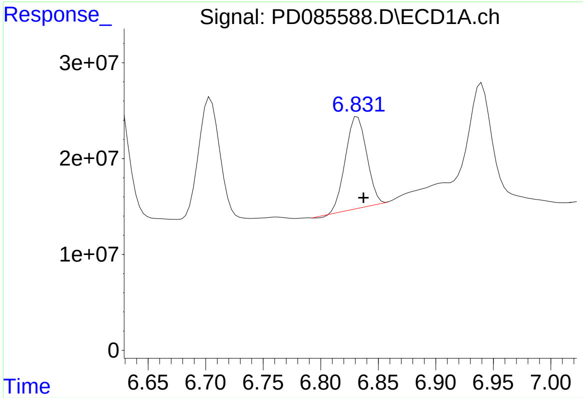
#17 4,4'-DDT

R.T.: 6.940 min
Delta R.T.: -0.004 min
Response: 112840151
Conc: 92.57 ng/ml



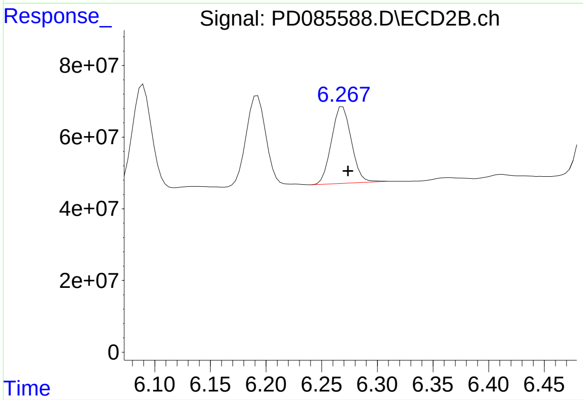
#17 4,4'-DDT

R.T.: 6.192 min
Delta R.T.: -0.005 min
Response: 316995179
Conc: 100.08 ng/ml



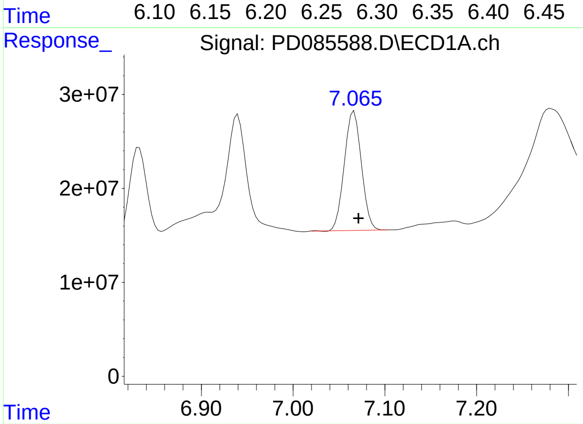
#18 Endrin aldehyde

R.T.: 6.832 min
Delta R.T.: -0.005 min
Response: 122621909
Conc: 103.53 ng/ml



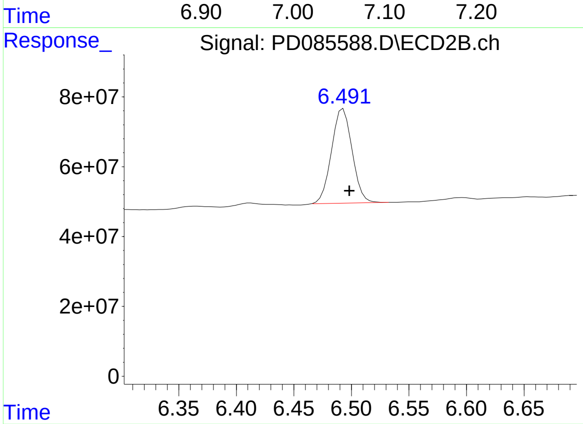
#18 Endrin aldehyde

R.T.: 6.269 min
Delta R.T.: -0.005 min
Response: 267236582
Conc: 96.65 ng/ml



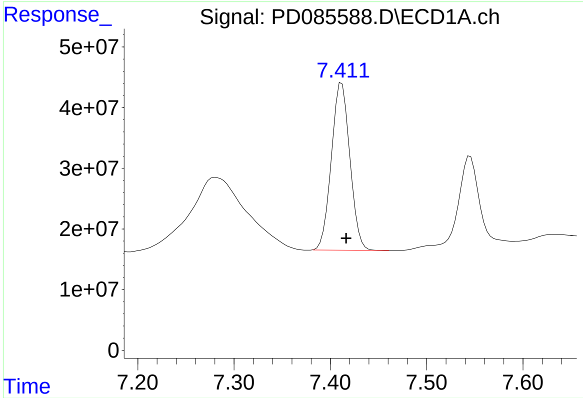
#19 Endosulfan Sulfate

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 164203931
Conc: 108.76 ng/ml



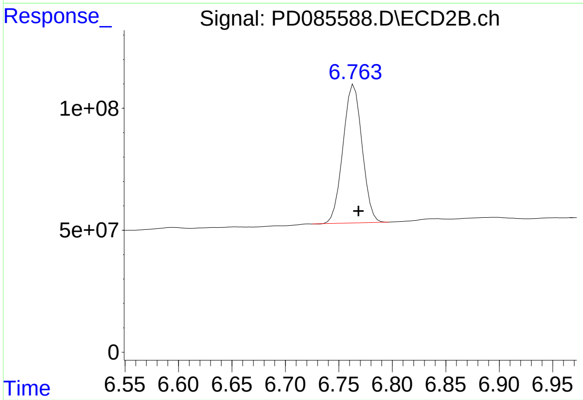
#19 Endosulfan Sulfate

R.T.: 6.493 min
Delta R.T.: -0.005 min
Response: 337262344
Conc: 98.20 ng/ml



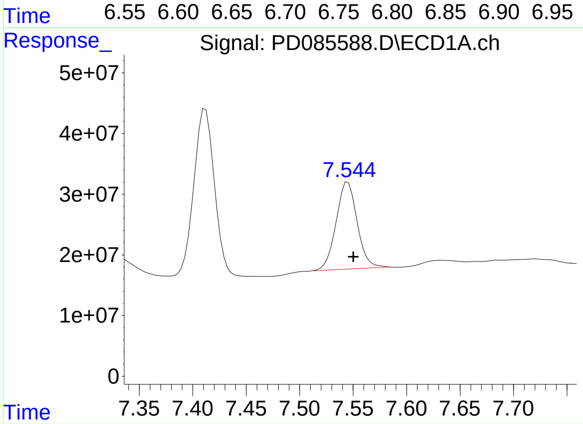

```
#20  Methoxychlor

      R.T.:    7.412 min
Delta R.T.:   -0.004 min
  Response: 368582019
      Conc: 503.77 ng/ml
```



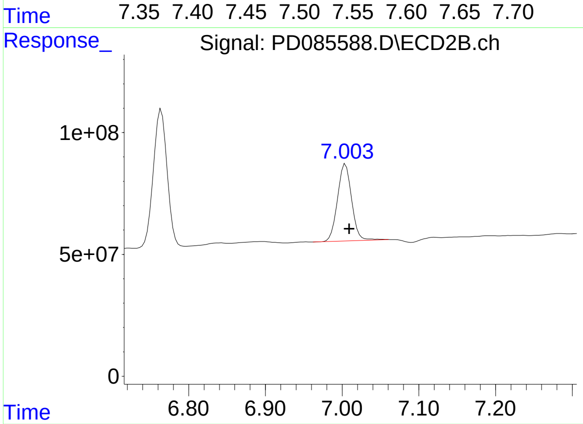

```
#20  Methoxychlor

      R.T.:    6.764 min
Delta R.T.:   -0.004 min
  Response: 704962705
      Conc: 434.38 ng/ml
```



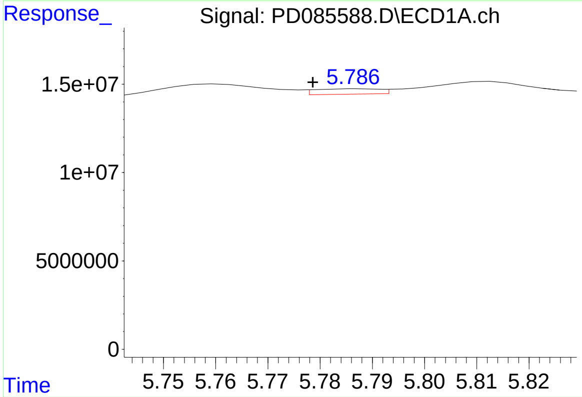

```
#21  Endrin ketone

      R.T.:    7.545 min
Delta R.T.:   -0.005 min
  Response: 198139020
      Conc: 123.94 ng/ml
```



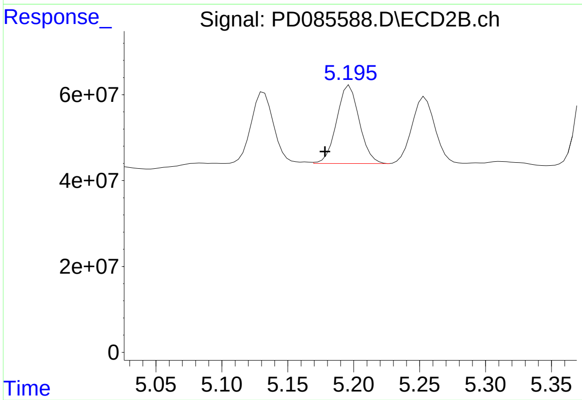

```
#21  Endrin ketone

      R.T.:    7.004 min
Delta R.T.:   -0.005 min
  Response: 406112835
      Conc:  87.44 ng/ml
```



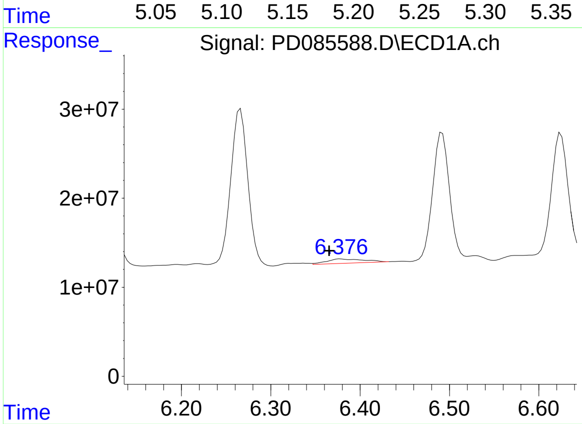

```
#22  Toxaphene-1

      R.T.:    5.788 min
Delta R.T.:    0.009 min
  Response:   2557208
      Conc: 521.85 ng/ml
```



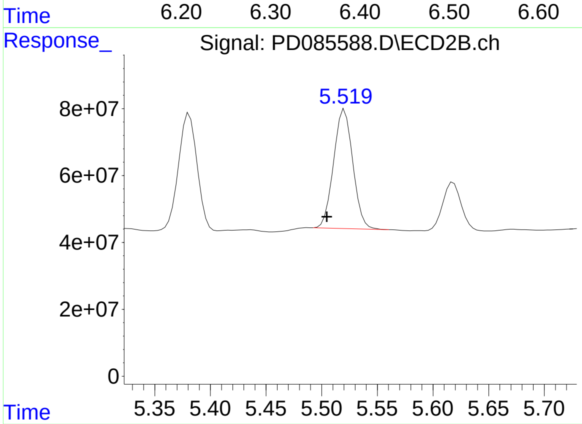

```
#22  Toxaphene-1

      R.T.:    5.197 min
Delta R.T.:    0.019 min
  Response: 218065674
      Conc: 8834.22 ng/ml
```



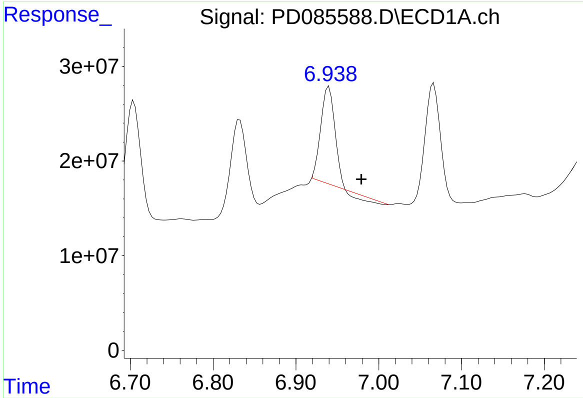

```
#23  Toxaphene-2

      R.T.:    6.378 min
Delta R.T.:    0.013 min
  Response:  14271172
      Conc: 816.90 ng/ml
```



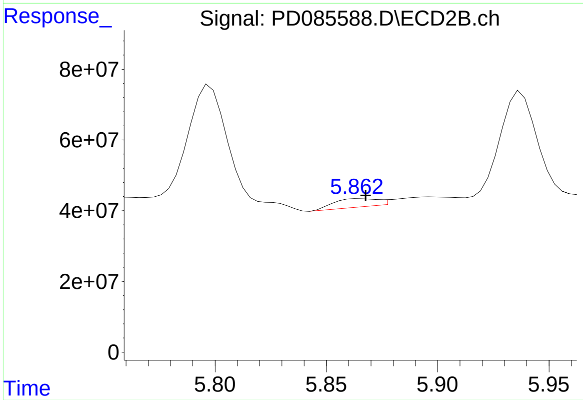

```
#23  Toxaphene-2

      R.T.:    5.521 min
Delta R.T.:    0.016 min
  Response: 428044876
      Conc: 17607.14 ng/ml
```



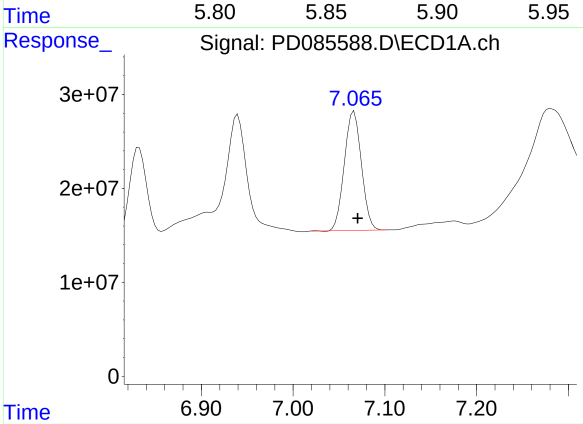
#24 Toxaphene-3

R.T.: 6.940 min
Delta R.T.: -0.039 min
Response: 112840151
Conc: 2647.30 ng/ml



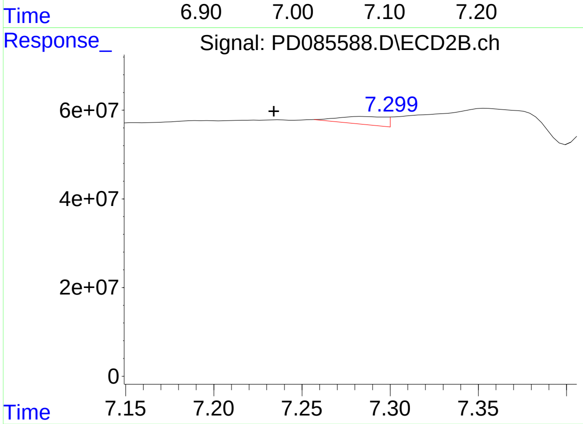
#24 Toxaphene-3

R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 32438625
Conc: 1368.31 ng/ml



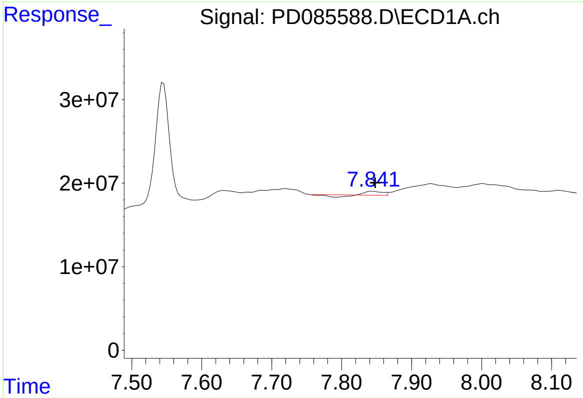
#25 Toxaphene-4

R.T.: 7.066 min
Delta R.T.: -0.004 min
Response: 164203931
Conc: 5207.15 ng/ml



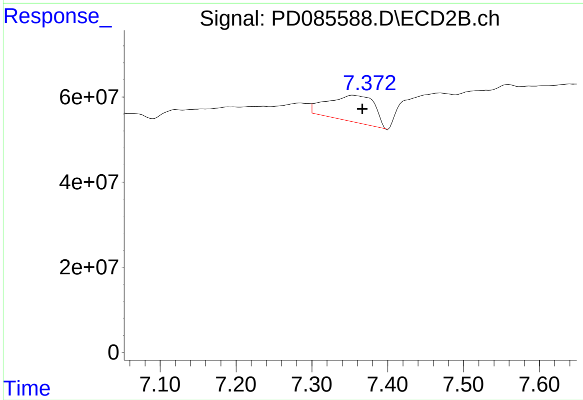
#25 Toxaphene-4

R.T.: 7.285 min
Delta R.T.: 0.051 min
Response: 33428517
Conc: 661.69 ng/ml



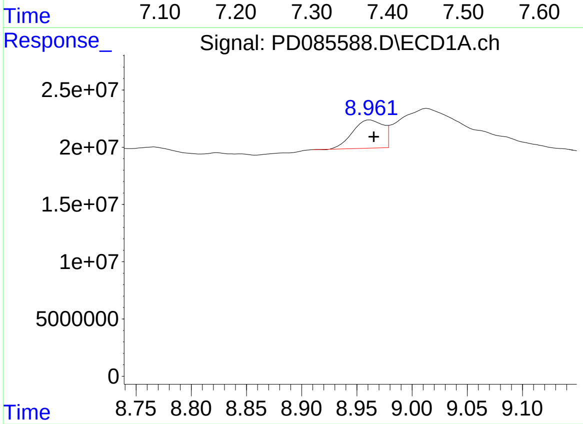
#26 Toxaphene-5

R.T.: 7.843 min
Delta R.T.: -0.005 min
Response: 4136990
Conc: 179.63 ng/ml



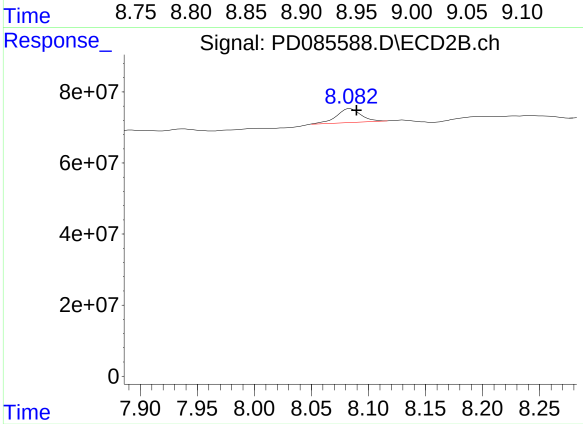
#26 Toxaphene-5

R.T.: 7.355 min
Delta R.T.: -0.012 min
Response: 266822417
Conc: 8456.99 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.962 min
Delta R.T.: -0.003 min
Response: 47079012
Conc: 28.70 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.005 min
Response: 57934037
Conc: 21.67 ng/ml