Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
Data File : PD064717.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2021 12:19
Operator : AR\AJ
Sample : M3169-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : C00A6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 05:53:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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 x 0.50µm

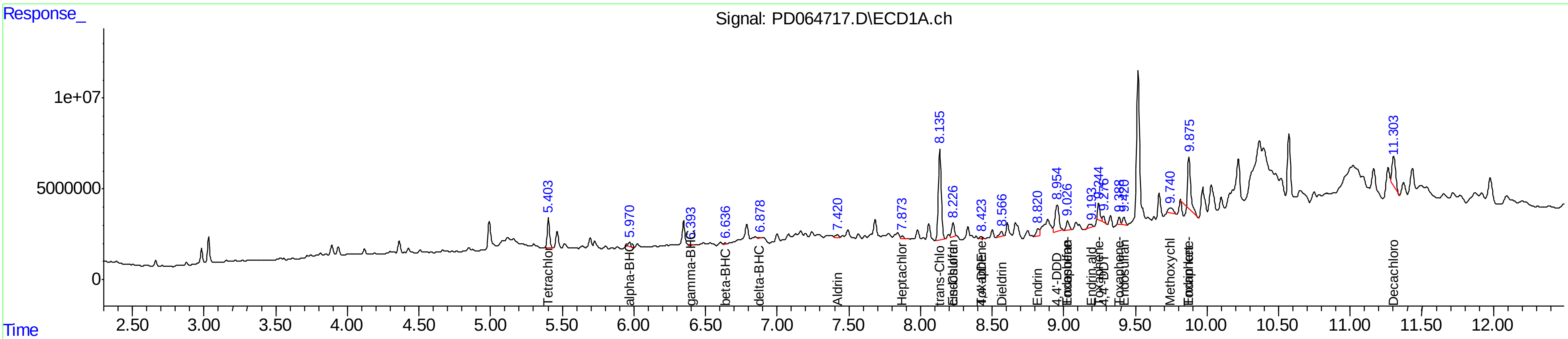
		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	5.405	4.618	20020817	220.9E6	16.783	24.179	#
27)	SA	Decachlor...	11.305	10.359	27053318	177.3E6	20.551	29.820	#
		Target Compounds							
2)	A	alpha-BHC	5.970	5.296f	2819111	26167859	1.730	2.123	
3)	MA	gamma-BHC...	6.395	5.733	916386	81147134	0.584	7.116	#
4)	MA	Heptachlor	0.000	6.122f	0	39931454	N.D.	3.522	
5)	MB	Aldrin	7.421	6.465	2986945	55365939	1.896	5.263	#
6)	B	beta-BHC	6.637	6.122	586148	39931454	0.751	6.582	#
7)	B	delta-BHC	6.879f	6.358	397971	30666659	0.229	2.823	#
8)	B	Heptachlo...	7.874	7.037	2506792	27699048	1.460	2.992	#
9)	A	Endosulfan I	8.228f	7.467	9873207	251.5E6	7.004	32.712	#
10)	B	trans-Chl...	8.136	7.324	76988888	44751104	48.044	4.934	#
11)	B	cis-Chlor...	8.228	7.391	9873207	123.9E6	6.337	13.925	#
12)	B	4,4'-DDE	8.425	7.604	1893854	47587210	1.314	6.307	#
13)	MA	Dieldrin	8.568	7.737	4608260	68486506	3.090	8.527	#
14)	MA	Endrin	8.821	8.034	5767807	13898250	4.505	2.419	#
15)	B	Endosulfa...	9.028	8.336	7685082	15941779	5.918	2.762	#
16)	A	4,4'-DDD	8.955	8.178	27562953	65734255	22.454	11.413	#
17)	MA	4,4'-DDT	9.278	8.438	4590412	67870006	3.516	12.330	#
19)	B	Endosulfa...	9.421	8.750	5166007	81755240	3.748	15.167	#
20)	A	Methoxychlor	9.742	9.063	6788173	4387923	9.486	1.714	#
21)	B	Endrin ke...	9.876f	9.330f	32890192	88538844	21.740	14.760	#
22)		Toxaphene-1	8.425	7.702	1893854	166.5E6	202.959	4424.298	#
23)		Toxaphene-2	9.028	7.926	7685082	41571159	440.846	492.269	
24)		Toxaphene-3	9.245	8.389	10928150	18359237	901.537	160.235	#
25)		Toxaphene-4	9.389	8.824	4983207	11999244	207.436	213.011	
26)		Toxaphene-5	9.876	9.111	32890192	11606621	1781.422	92.326	#

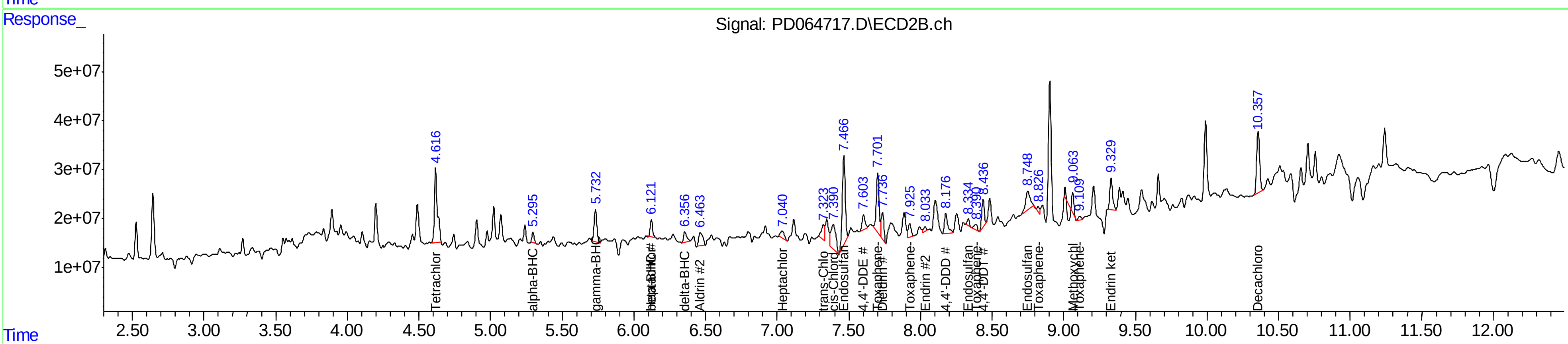
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

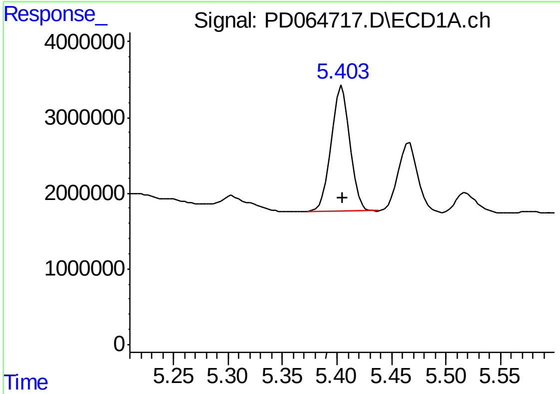
Quantitation Report   (Not Reviewed)

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080421\
Data File : PD064717.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 04 Aug 2021  12:19
Operator  : AR\AJ
Sample    : M3169-07
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 05:53:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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 x 0.50µm
```

Instrument :
ECD_D
ClientSampleId :
C00A6

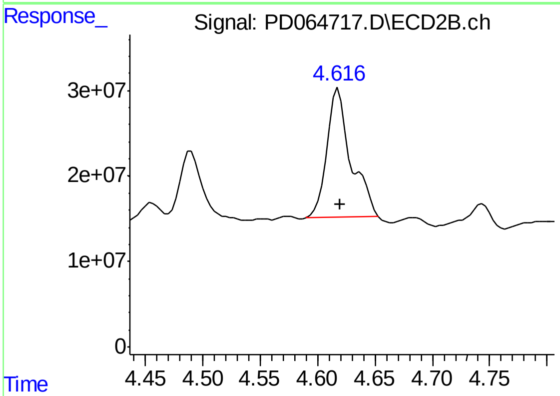






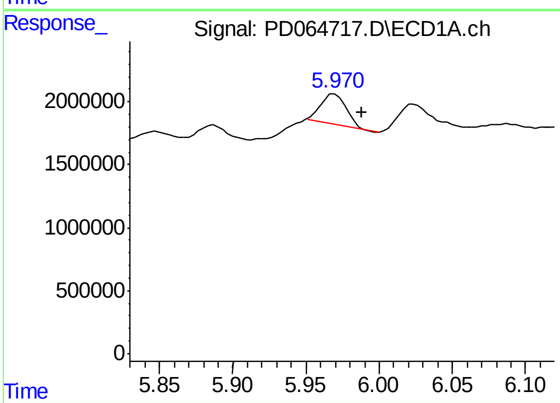
#1 Tetrachloro-m-xylene

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 20020817
Conc: 16.78 ng/ml



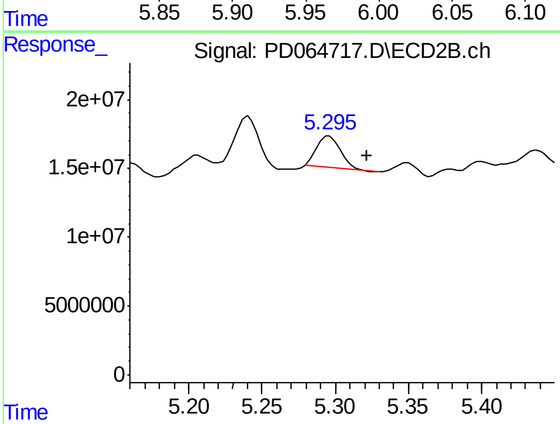
#1 Tetrachloro-m-xylene

R.T.: 4.618 min
Delta R.T.: -0.002 min
Response: 220939265
Conc: 24.18 ng/ml



#2 alpha-BHC

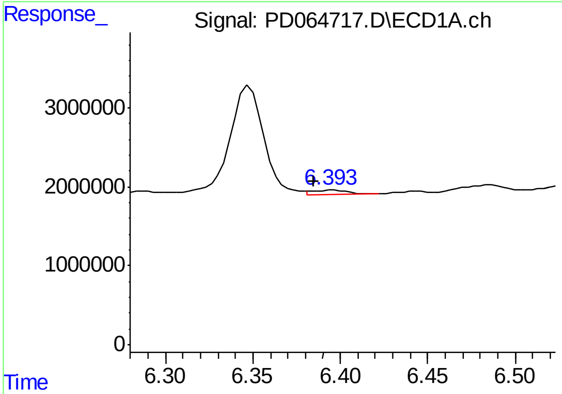
R.T.: 5.970 min
Delta R.T.: -0.018 min
Response: 2819111
Conc: 1.73 ng/ml



#2 alpha-BHC

R.T.: 5.296 min
Delta R.T.: -0.025 min
Response: 26167859
Conc: 2.12 ng/ml

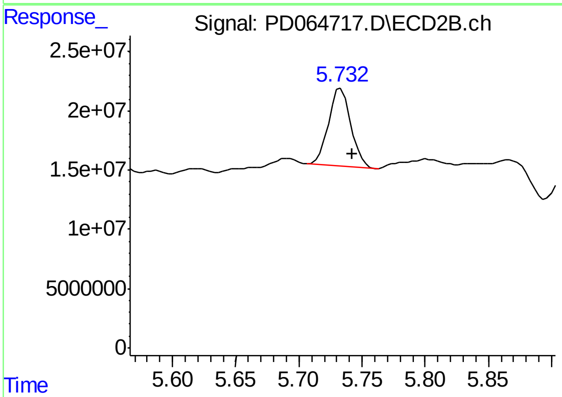
Instrument :
ECD_D
ClientSampleId :
C00A6



#3 gamma-BHC (Lindane)

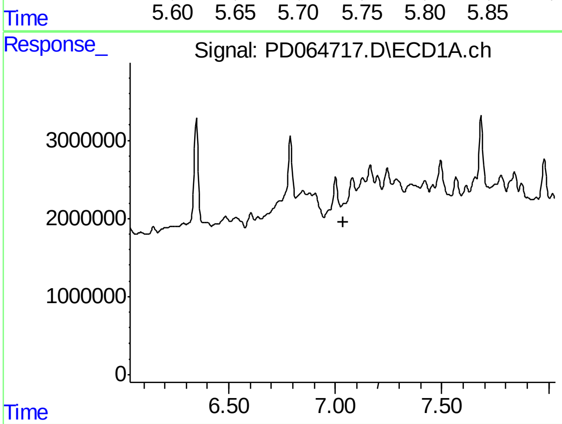
R.T.: 6.395 min
Delta R.T.: 0.010 min
Response: 916386
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



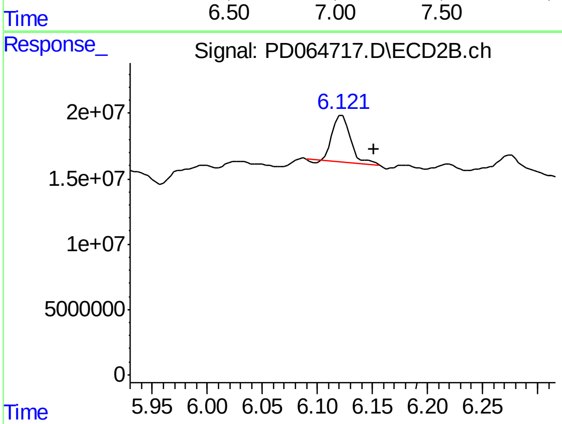
#3 gamma-BHC (Lindane)

R.T.: 5.733 min
Delta R.T.: -0.009 min
Response: 81147134
Conc: 7.12 ng/ml



#4 Heptachlor

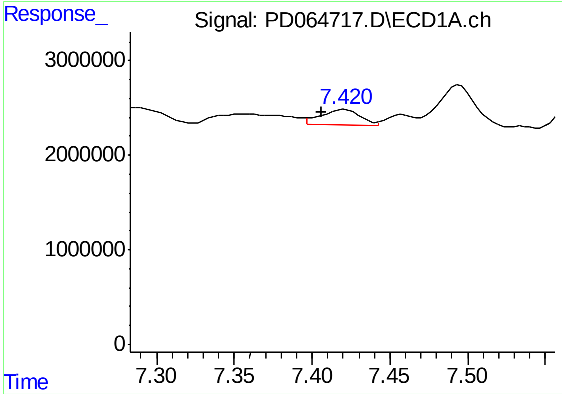
R.T.: 0.000 min
Exp R.T. : 7.035 min
Response: 0
Conc: N.D.



#4 Heptachlor

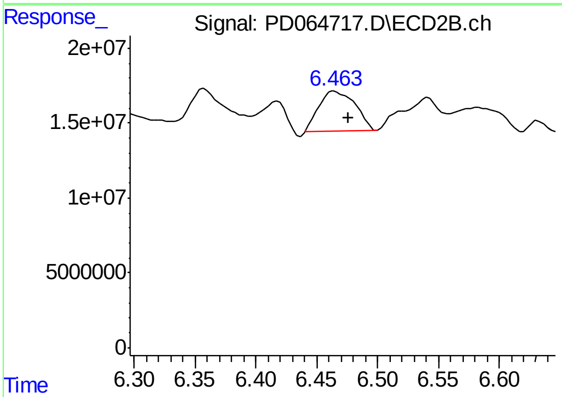
R.T.: 6.122 min
Delta R.T.: -0.029 min
Response: 39931454
Conc: 3.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



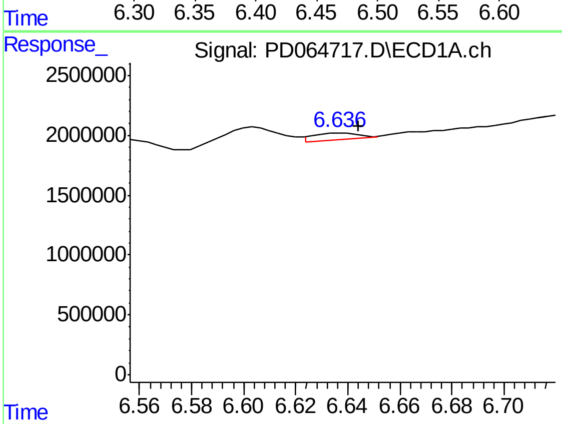
#5 Aldrin

R.T.: 7.421 min
Delta R.T.: 0.016 min
Response: 2986945
Conc: 1.90 ng/ml



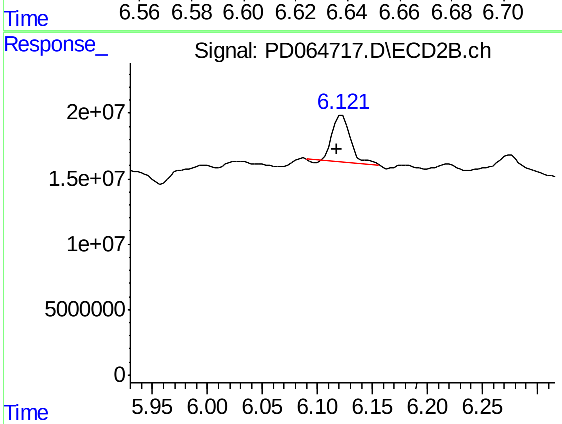
#5 Aldrin

R.T.: 6.465 min
Delta R.T.: -0.011 min
Response: 55365939
Conc: 5.26 ng/ml



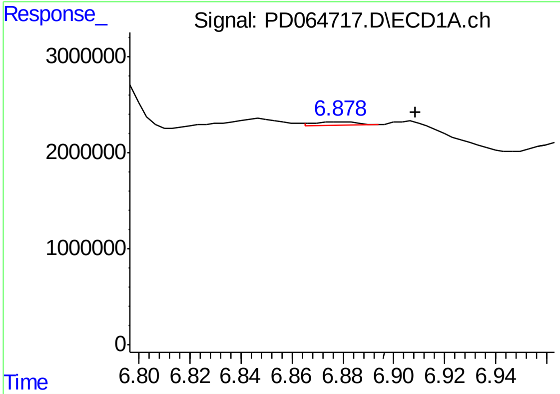
#6 beta-BHC

R.T.: 6.637 min
Delta R.T.: -0.007 min
Response: 586148
Conc: 0.75 ng/ml



#6 beta-BHC

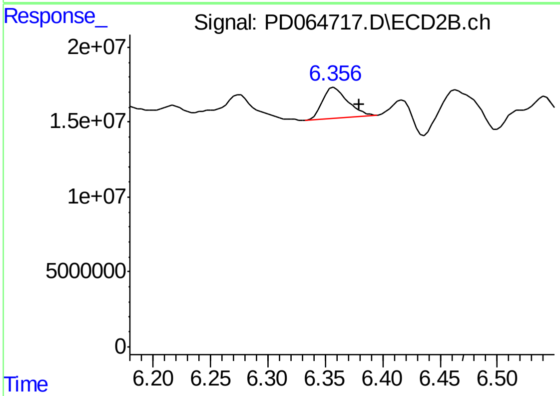
R.T.: 6.122 min
Delta R.T.: 0.004 min
Response: 39931454
Conc: 6.58 ng/ml



#7 delta-BHC

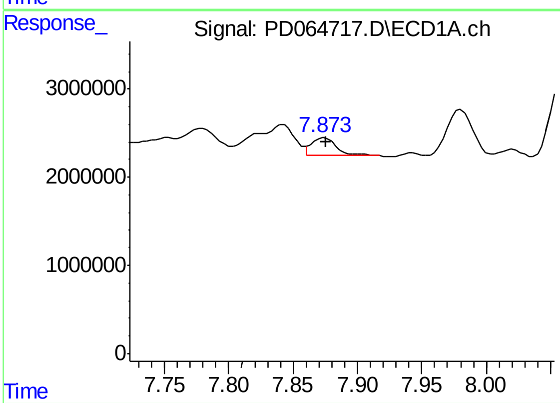
R.T.: 6.879 min
Delta R.T.: -0.029 min
Response: 397971
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



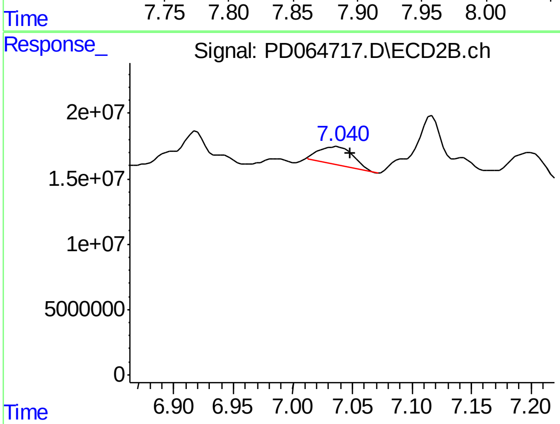
#7 delta-BHC

R.T.: 6.358 min
Delta R.T.: -0.022 min
Response: 30666659
Conc: 2.82 ng/ml



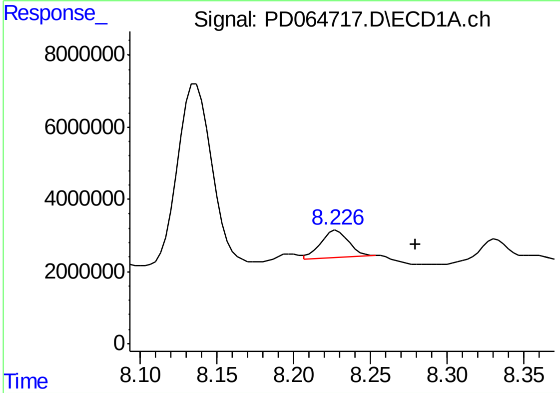
#8 Heptachlor epoxide

R.T.: 7.874 min
Delta R.T.: -0.001 min
Response: 2506792
Conc: 1.46 ng/ml



#8 Heptachlor epoxide

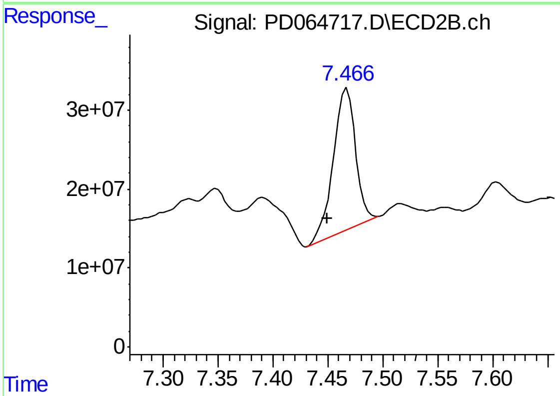
R.T.: 7.037 min
Delta R.T.: -0.012 min
Response: 27699048
Conc: 2.99 ng/ml



#9 Endosulfan I

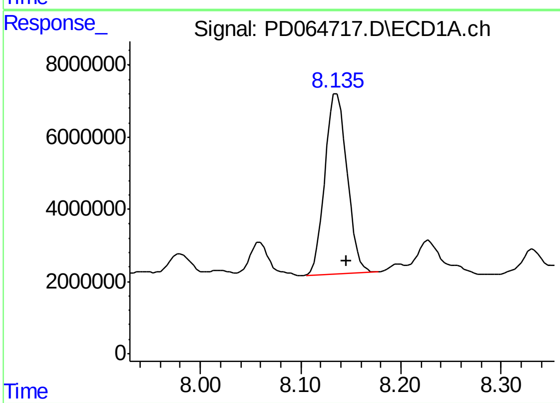
R.T.: 8.228 min
Delta R.T.: -0.051 min
Response: 9873207
Conc: 7.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



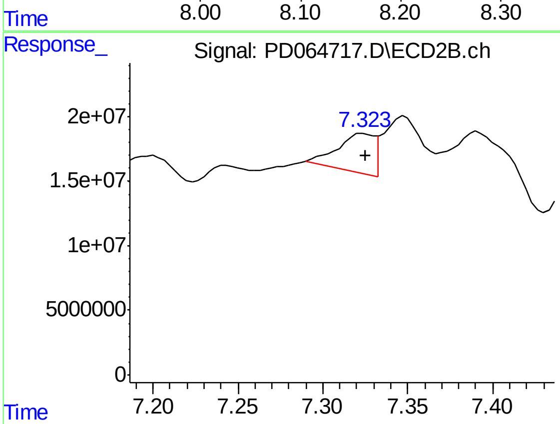
#9 Endosulfan I

R.T.: 7.467 min
Delta R.T.: 0.018 min
Response: 251542790
Conc: 32.71 ng/ml



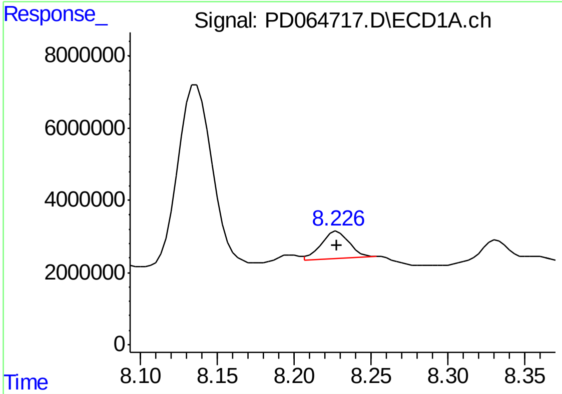
#10 trans-Chlordane

R.T.: 8.136 min
Delta R.T.: -0.010 min
Response: 76988888
Conc: 48.04 ng/ml



#10 trans-Chlordane

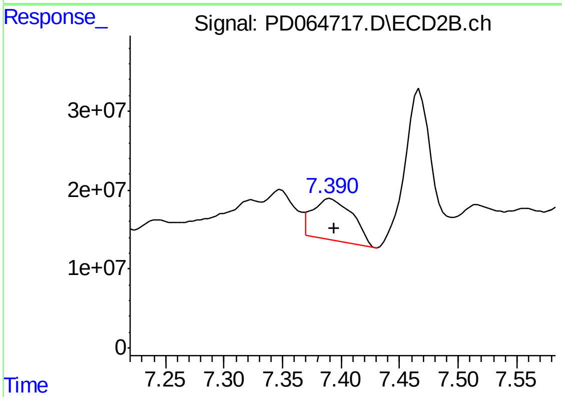
R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 44751104
Conc: 4.93 ng/ml



#11 cis-Chlordane

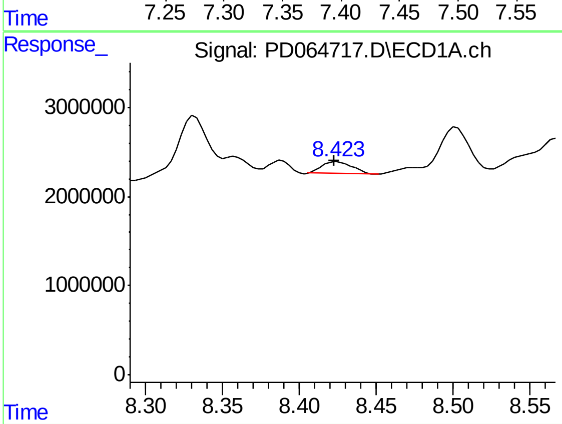
```
      R.T.:    8.228 min
Delta R.T.:    0.000 min
  Response:   9873207
      Conc:   6.34 ng/ml
```

Instrument :
ECD_D
ClientSampleId :
C00A6



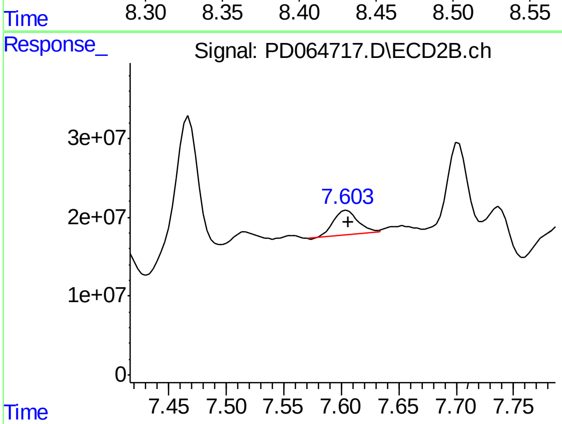
#11 cis-Chlordane

```
      R.T.:    7.391 min
Delta R.T.:   -0.003 min
  Response: 123867189
      Conc:  13.92 ng/ml
```



#12 4,4'-DDE

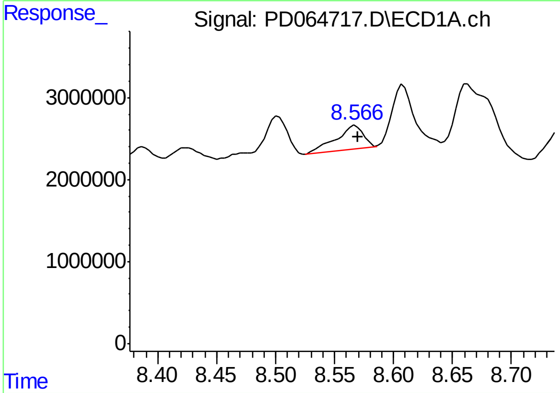
```
      R.T.:    8.425 min
Delta R.T.:    0.003 min
  Response:   1893854
      Conc:   1.31 ng/ml
```



#12 4,4'-DDE

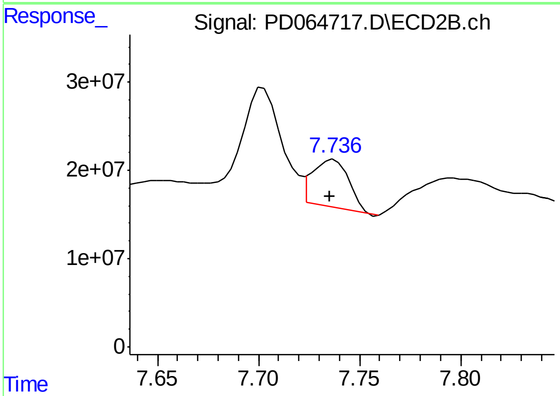
```
      R.T.:    7.604 min
Delta R.T.:   -0.002 min
  Response:  47587210
      Conc:   6.31 ng/ml
```

Instrument :
ECD_D
ClientSampleId :
C00A6



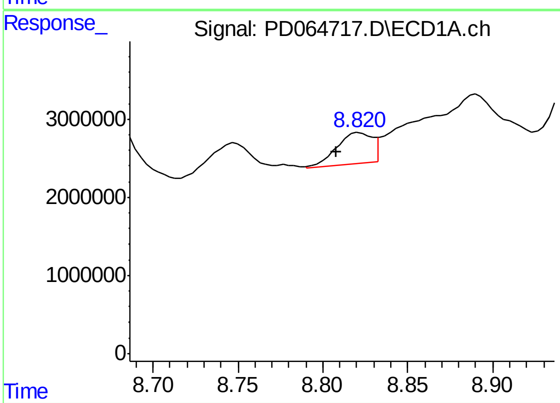
#13 Dieldrin

```
      R.T.:    8.568 min
Delta R.T.:   -0.002 min
  Response:   4608260
      Conc:   3.09 ng/ml
```



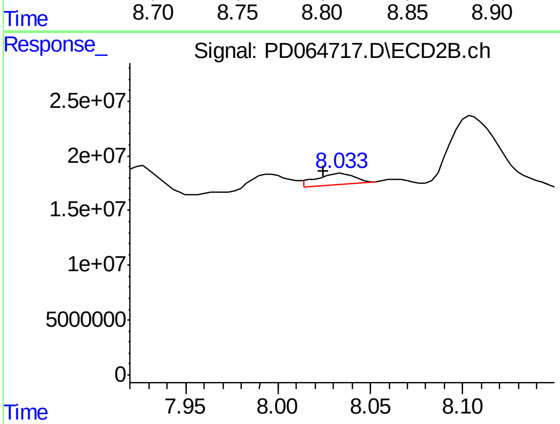
#13 Dieldrin

```
      R.T.:    7.737 min
Delta R.T.:    0.002 min
  Response:  68486506
      Conc:   8.53 ng/ml
```



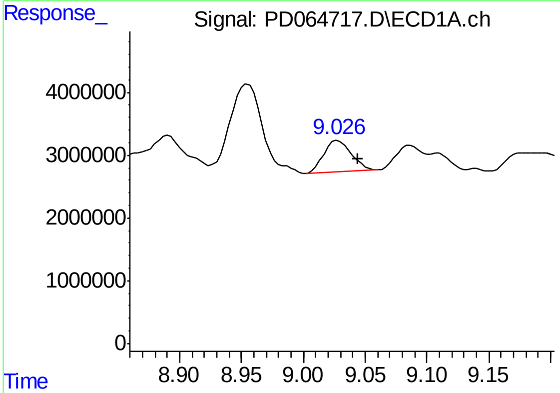
#14 Endrin

```
      R.T.:    8.821 min
Delta R.T.:    0.014 min
  Response:   5767807
      Conc:   4.50 ng/ml
```



#14 Endrin

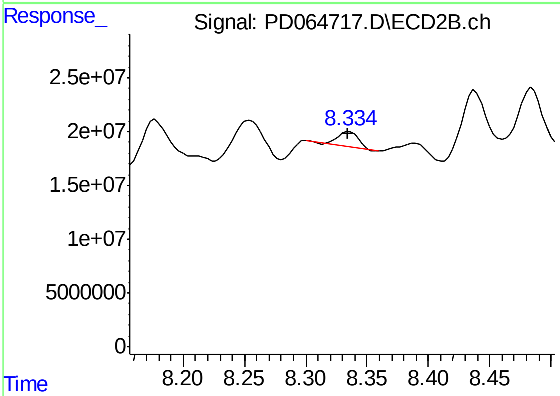
```
      R.T.:    8.034 min
Delta R.T.:    0.009 min
  Response:  13898250
      Conc:   2.42 ng/ml
```



#15 Endosulfan II

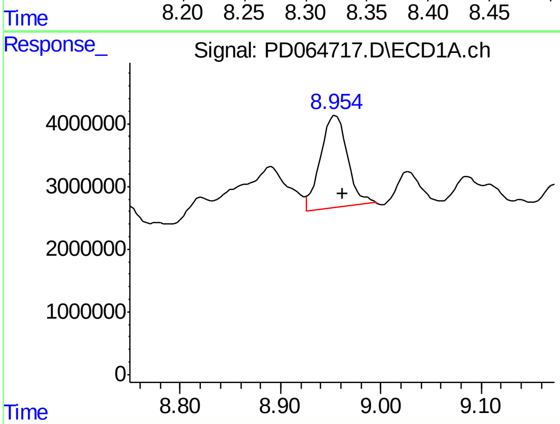
R.T.: 9.028 min
Delta R.T.: -0.017 min
Response: 7685082
Conc: 5.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



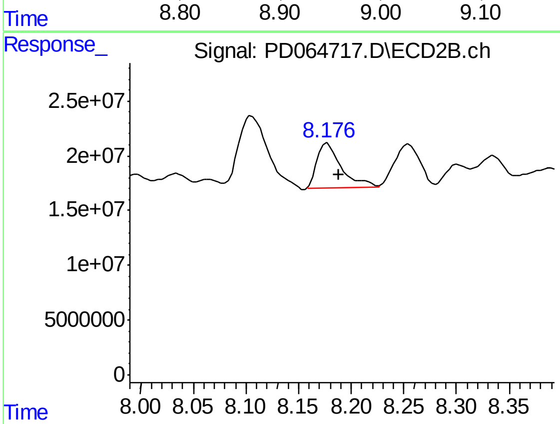
#15 Endosulfan II

R.T.: 8.336 min
Delta R.T.: 0.001 min
Response: 15941779
Conc: 2.76 ng/ml



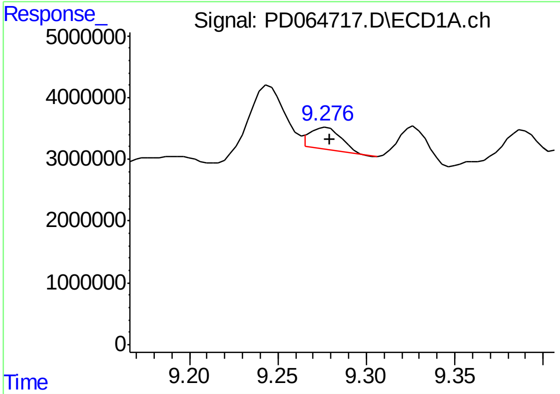
#16 4,4'-DDD

R.T.: 8.955 min
Delta R.T.: -0.007 min
Response: 27562953
Conc: 22.45 ng/ml



#16 4,4'-DDD

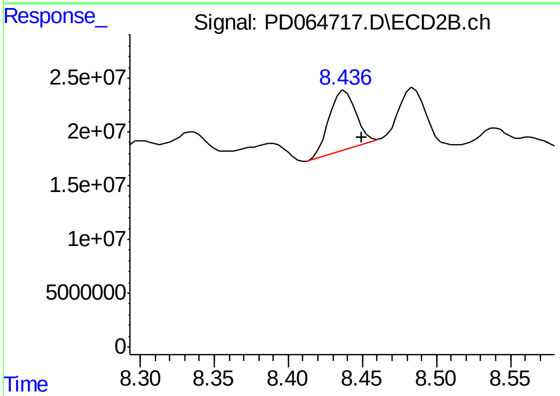
R.T.: 8.178 min
Delta R.T.: -0.011 min
Response: 65734255
Conc: 11.41 ng/ml



#17 4,4'-DDT

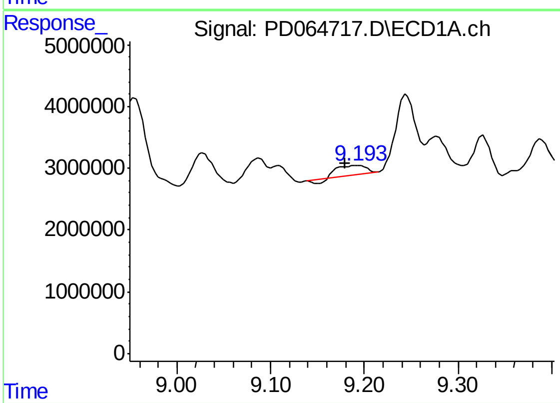
R.T.: 9.278 min
Delta R.T.: -0.002 min
Response: 4590412
Conc: 3.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



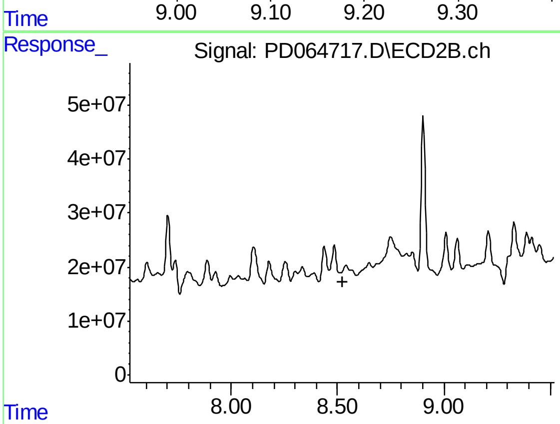
#17 4,4'-DDT

R.T.: 8.438 min
Delta R.T.: -0.012 min
Response: 67870006
Conc: 12.33 ng/ml



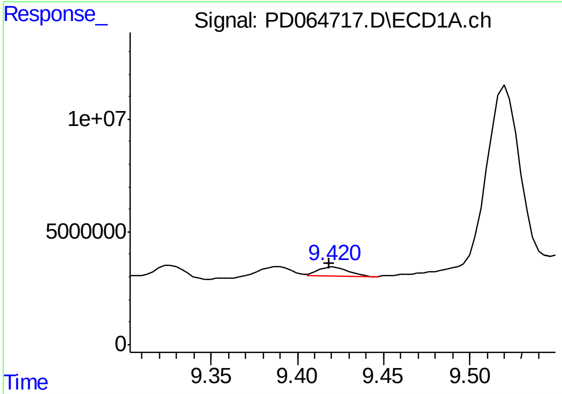
#18 Endrin aldehyde

R.T.: 9.195 min
Delta R.T.: 0.015 min
Response: 3013274
Conc: 2.66 ng/ml



#18 Endrin aldehyde

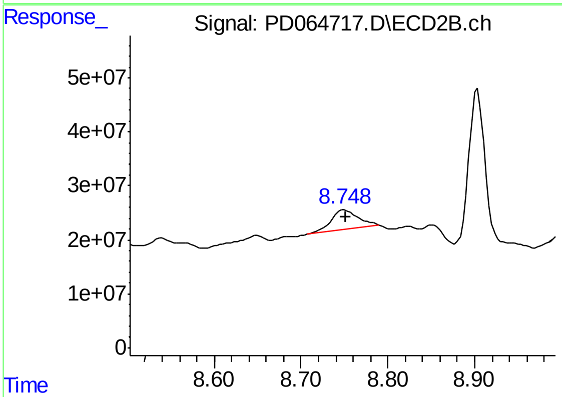
R.T.: 8.540 min
Delta R.T.: 0.018 min
Response: -34557090
Conc: N.D.



#19 Endosulfan Sulfate

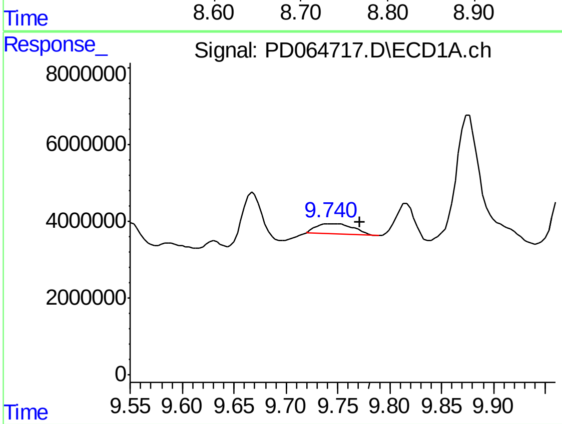
R.T.: 9.421 min
Delta R.T.: 0.003 min
Response: 5166007
Conc: 3.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



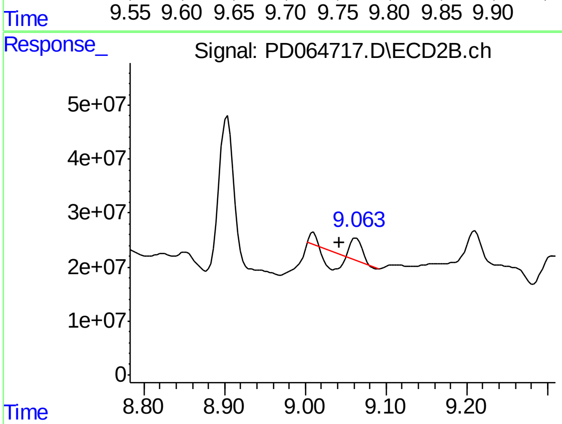
#19 Endosulfan Sulfate

R.T.: 8.750 min
Delta R.T.: -0.003 min
Response: 81755240
Conc: 15.17 ng/ml



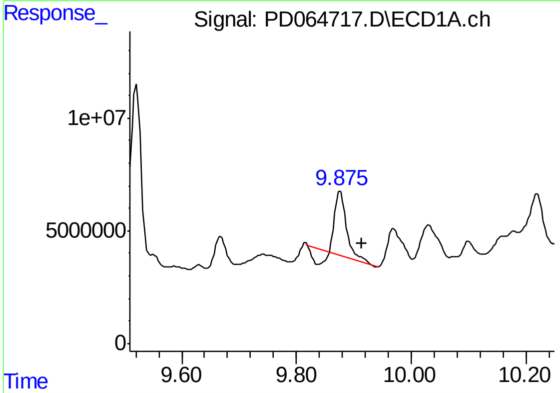
#20 Methoxychlor

R.T.: 9.742 min
Delta R.T.: -0.029 min
Response: 6788173
Conc: 9.49 ng/ml



#20 Methoxychlor

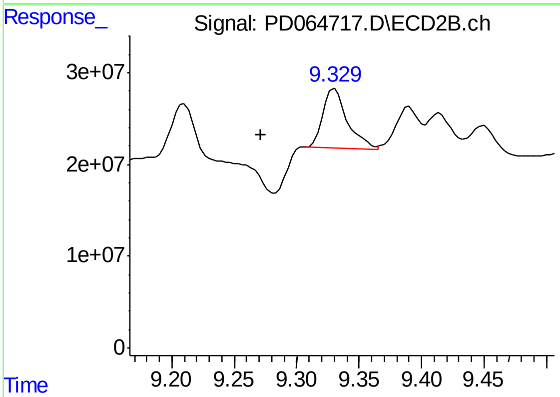
R.T.: 9.063 min
Delta R.T.: 0.021 min
Response: 4387923
Conc: 1.71 ng/ml



#21 Endrin ketone

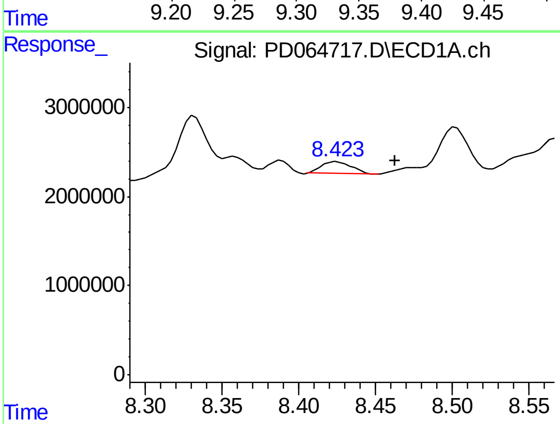
R.T.: 9.876 min
Delta R.T.: -0.038 min
Response: 32890192
Conc: 21.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



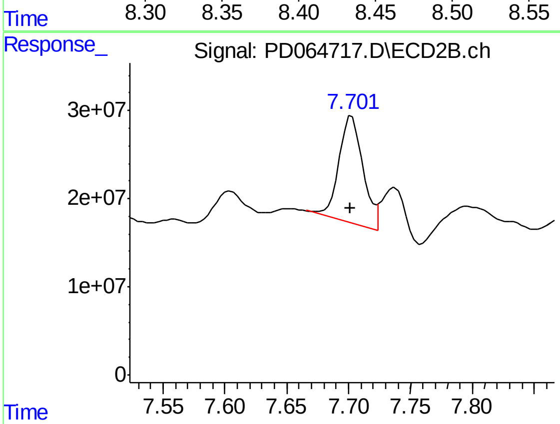
#21 Endrin ketone

R.T.: 9.330 min
Delta R.T.: 0.059 min
Response: 88538844
Conc: 14.76 ng/ml



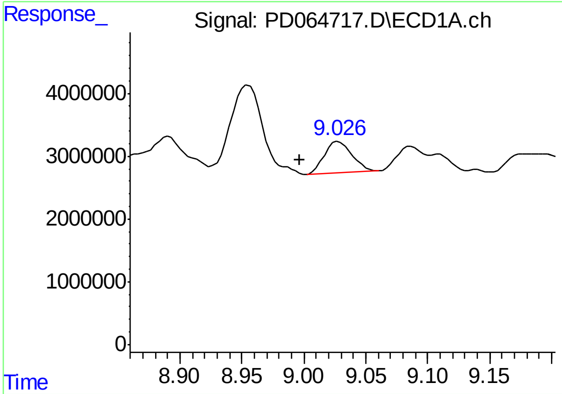
#22 Toxaphene-1

R.T.: 8.425 min
Delta R.T.: -0.038 min
Response: 1893854
Conc: 202.96 ng/ml



#22 Toxaphene-1

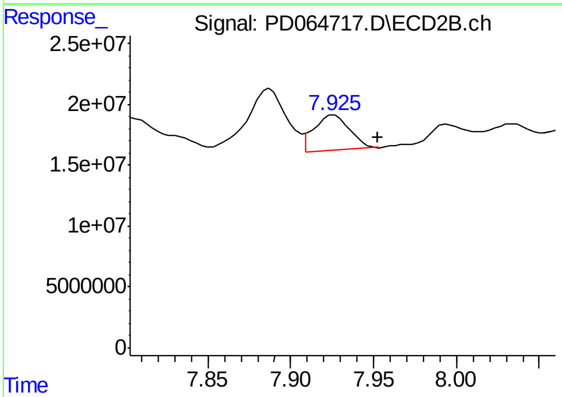
R.T.: 7.702 min
Delta R.T.: 0.001 min
Response: 166466348
Conc: 4424.30 ng/ml



#23 Toxaphene-2

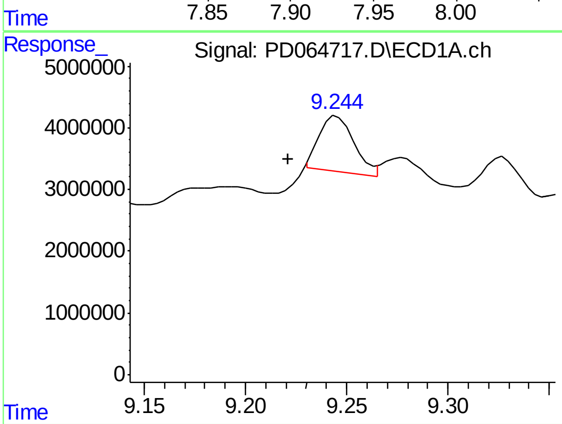
R.T.: 9.028 min
Delta R.T.: 0.031 min
Response: 7685082
Conc: 440.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



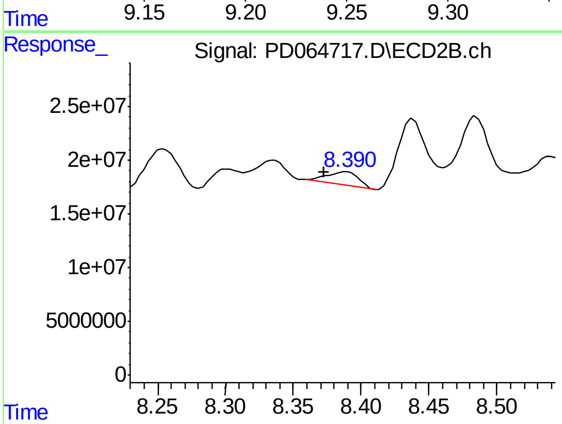
#23 Toxaphene-2

R.T.: 7.926 min
Delta R.T.: -0.027 min
Response: 41571159
Conc: 492.27 ng/ml



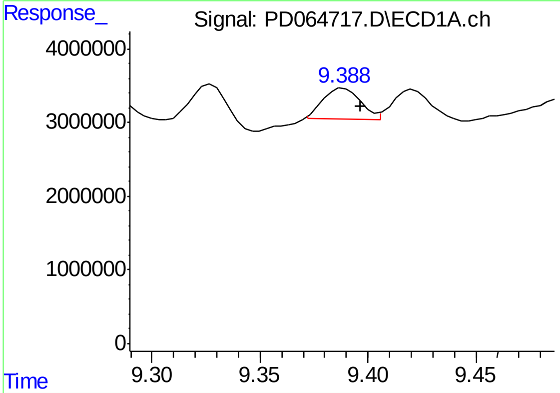
#24 Toxaphene-3

R.T.: 9.245 min
Delta R.T.: 0.024 min
Response: 10928150
Conc: 901.54 ng/ml



#24 Toxaphene-3

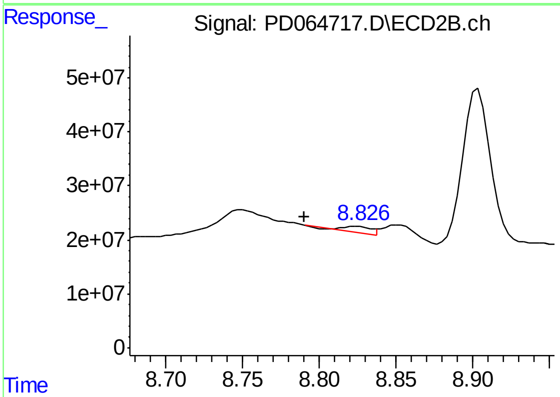
R.T.: 8.389 min
Delta R.T.: 0.016 min
Response: 18359237
Conc: 160.23 ng/ml



#25 Toxaphene-4

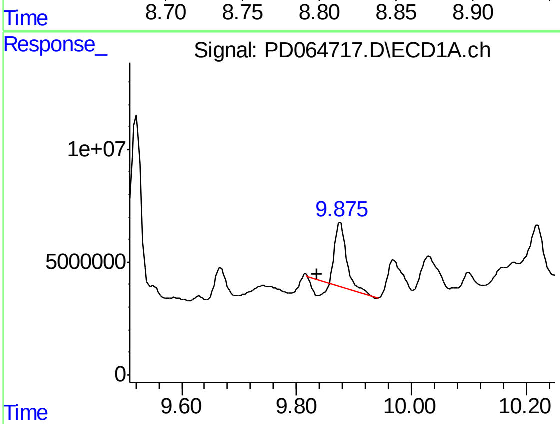
R.T.: 9.389 min
Delta R.T.: -0.008 min
Response: 4983207
Conc: 207.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



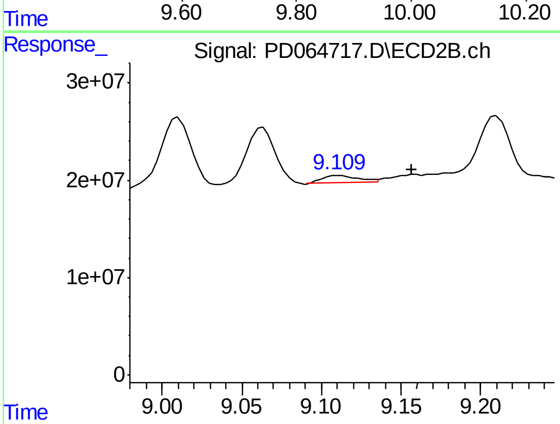
#25 Toxaphene-4

R.T.: 8.824 min
Delta R.T.: 0.034 min
Response: 11999244
Conc: 213.01 ng/ml



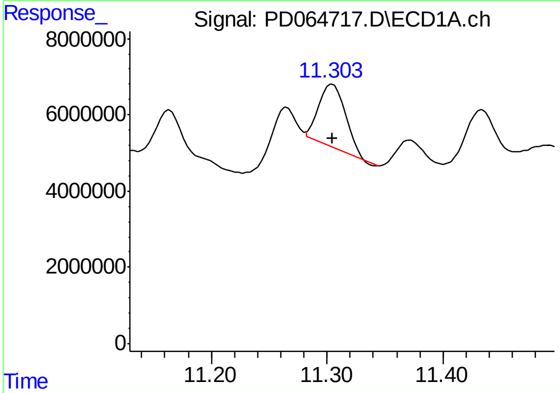
#26 Toxaphene-5

R.T.: 9.876 min
Delta R.T.: 0.040 min
Response: 32890192
Conc: 1781.42 ng/ml



#26 Toxaphene-5

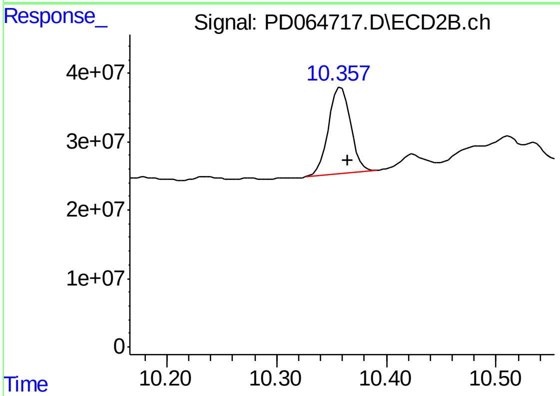
R.T.: 9.111 min
Delta R.T.: -0.046 min
Response: 11606621
Conc: 92.33 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 27053318
Conc: 20.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
C00A6



#27 Decachlorobiphenyl

R.T.: 10.359 min
Delta R.T.: -0.007 min
Response: 177334014
Conc: 29.82 ng/ml