

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048246.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2024 00:05
 Operator : YP/AJ
 Sample : P3751-06
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 03:00:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.394	6623078	44.373 ug/ml
Spiked Amount 50.000		Recovery =	88.75%
6) S 2-Fluorobiphenyl (SURR)	8.243	4018834	41.986 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.97%
11) S ortho-Terphenyl (SURR)	11.280	4978404	29.555 ug/ml
Spiked Amount 50.000		Recovery =	59.11%
Target Compounds			
2) T Naphthalene (C11.7)	5.745	48129	0.276 ug/ml
3) T 2-Methylnaphthalene (...)	6.795	39085	0.225 ug/ml
7) T Acenaphthene (C15.5)	8.305	111994	0.647 ug/ml
9) T Phenanthrene (C19.36)	10.521	36472	0.228 ug/ml
10) T Anthracene (C19.43)	10.521	36472	0.233 ug/ml
12) T Fluoranthene (C21.85)	12.321	56280	0.353 ug/ml
13) T Pyrene (C20.8)	12.611	111320	0.709 ug/ml
14) T Benzo[a]anthracene (C...	14.525	282824	2.008 ug/ml
15) T Chrysene (C27.41)	14.525	282824	1.774 ug/ml
16) T benzo[b]fluoranthene ...	16.031	140395	0.946 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	140395	0.946 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.344f	33836	0.230 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	1282	0.010 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	47996	0.314 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	211779	1.402 ug/ml

(f)=RT Delta > 1/2 Window

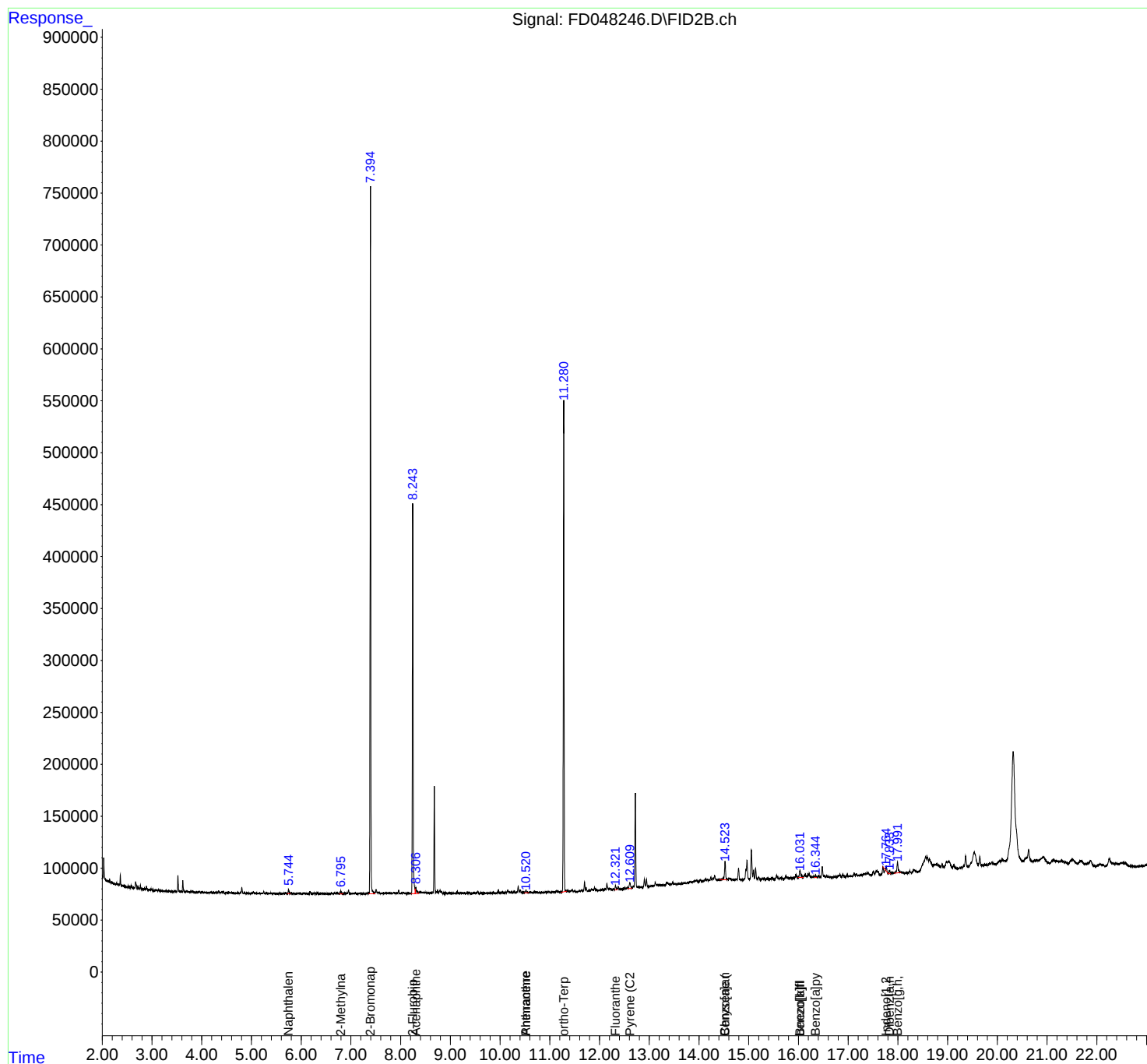
(m)=manual int.

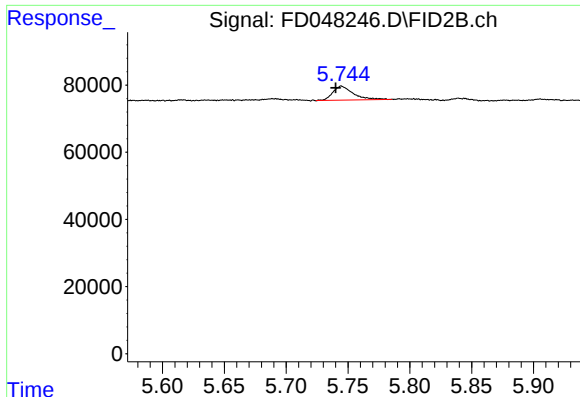
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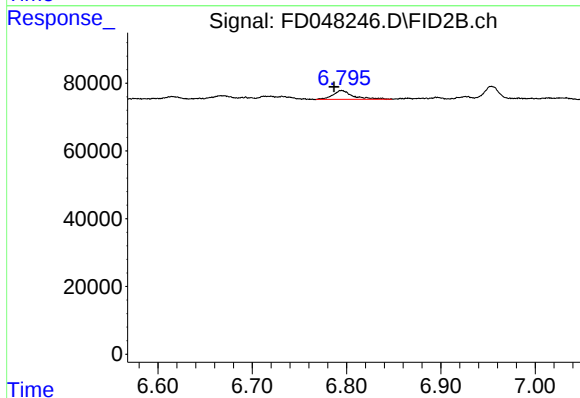




#2 Naphthalene (C11.7)

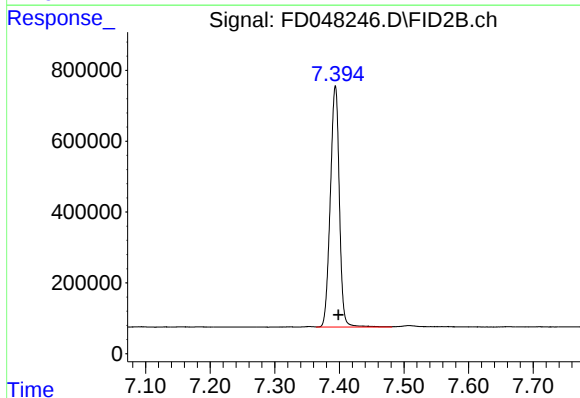
R.T.: 5.745 min
Delta R.T.: 0.005 min
Response: 48129
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



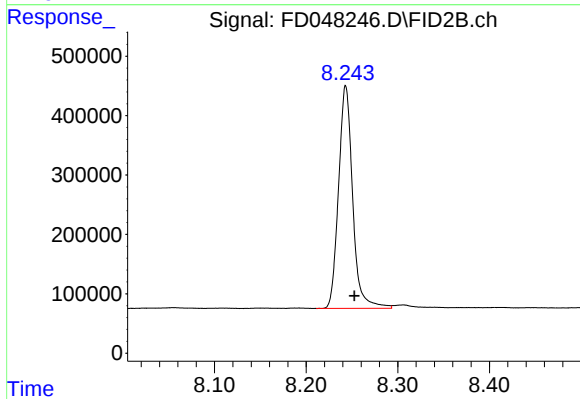
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.795 min
Delta R.T.: 0.008 min
Response: 39085
Conc: 0.22 ug/ml



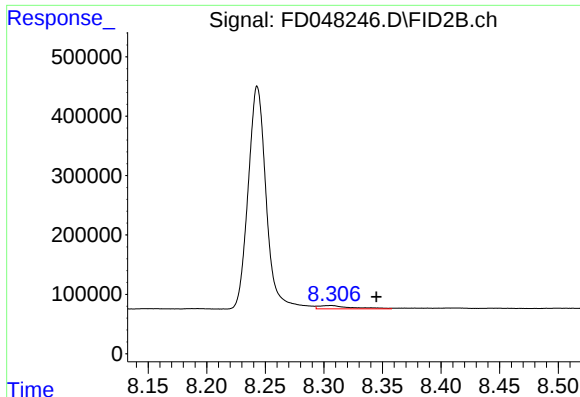
#4 2-Bromonaphthalene (SURR)

R.T.: 7.394 min
Delta R.T.: -0.005 min
Response: 6623078
Conc: 44.37 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: -0.009 min
Response: 4018834
Conc: 41.99 ug/ml



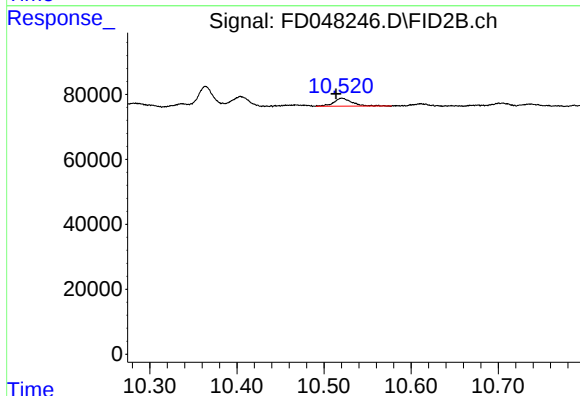
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: -0.040 min
Response: 111994
Conc: 0.65 ug/ml

Instrument :

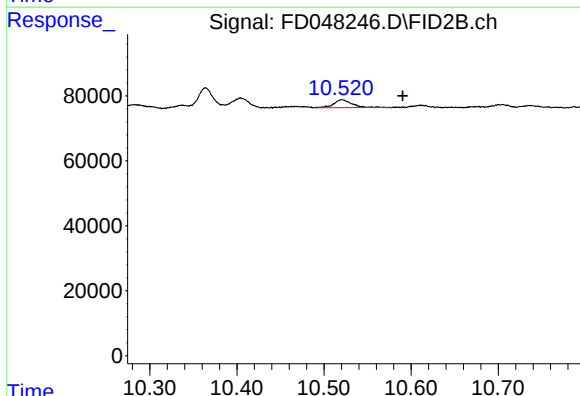
FID_D

ClientSampleId :



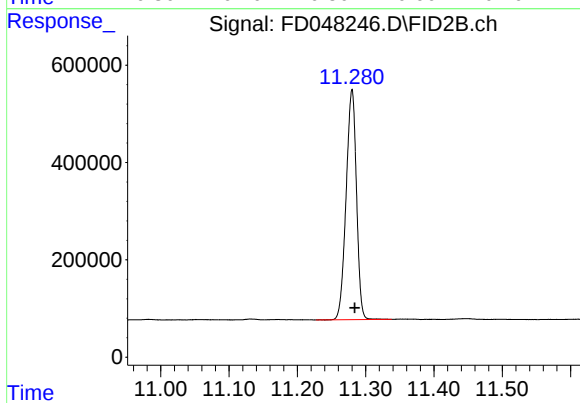
#9 Phenanthrene (C19.36)

R.T.: 10.521 min
Delta R.T.: 0.007 min
Response: 36472
Conc: 0.23 ug/ml



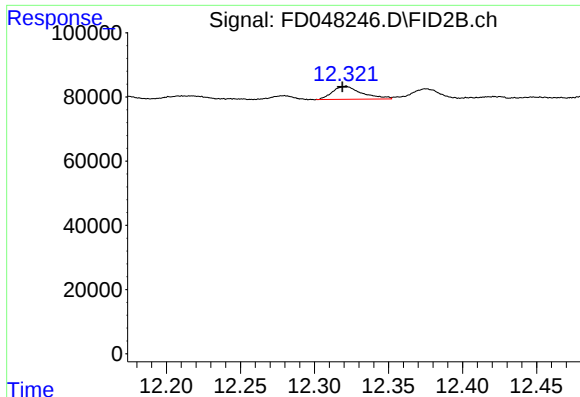
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.070 min
Response: 36472
Conc: 0.23 ug/ml



#11 ortho-Terphenyl (SURR)

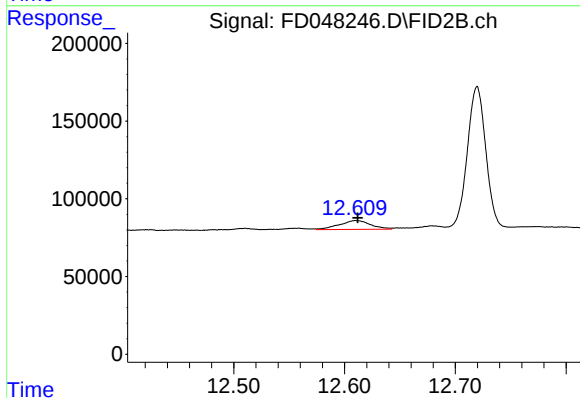
R.T.: 11.280 min
Delta R.T.: -0.004 min
Response: 4978404
Conc: 29.55 ug/ml



#12 Fluoranthene (C21.85)

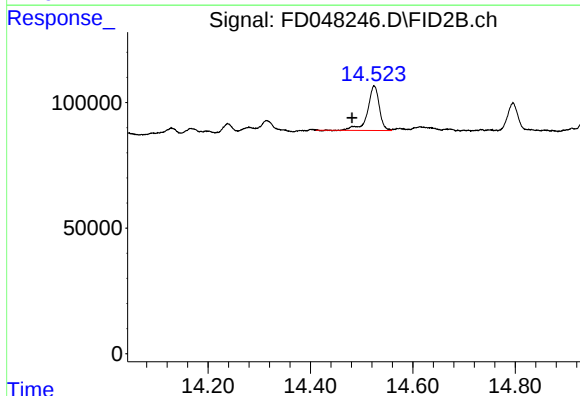
R.T.: 12.321 min
Delta R.T.: 0.002 min
Response: 56280
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



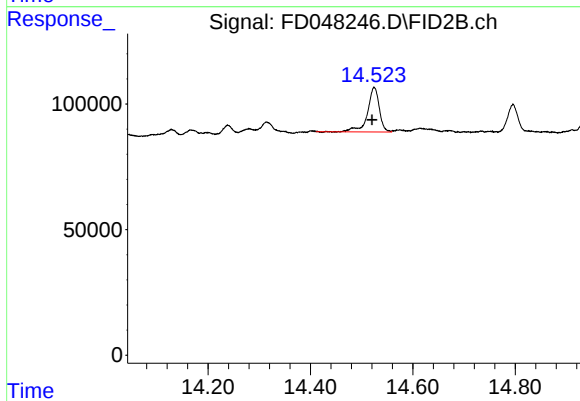
#13 Pyrene (C20.8)

R.T.: 12.611 min
Delta R.T.: -0.001 min
Response: 111320
Conc: 0.71 ug/ml



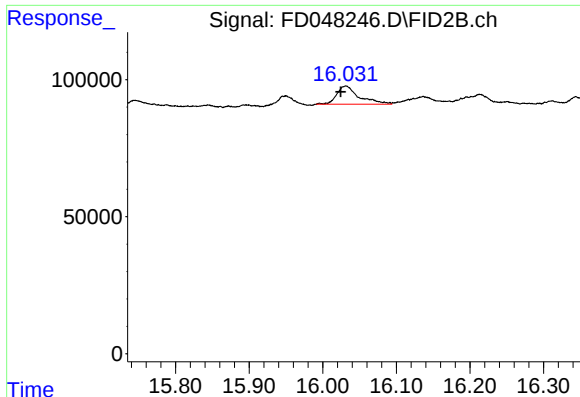
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.525 min
Delta R.T.: 0.044 min
Response: 282824
Conc: 2.01 ug/ml



#15 Chrysene (C27.41)

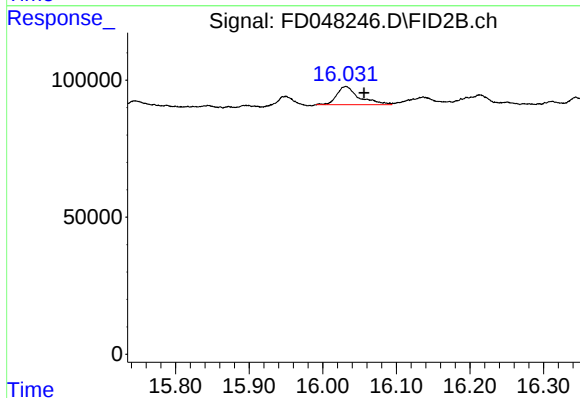
R.T.: 14.525 min
Delta R.T.: 0.004 min
Response: 282824
Conc: 1.77 ug/ml



#16 benzo[b]fluoranthene (C30.41)

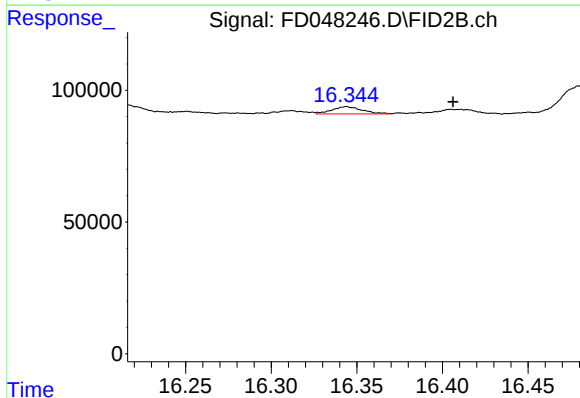
R.T.: 16.031 min
Delta R.T.: 0.007 min
Response: 140395
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



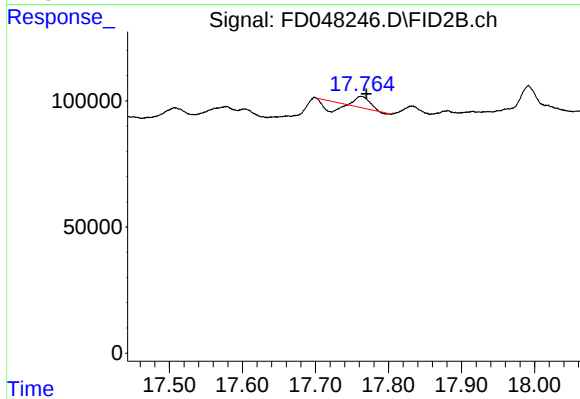
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.031 min
Delta R.T.: -0.025 min
Response: 140395
Conc: 0.95 ug/ml



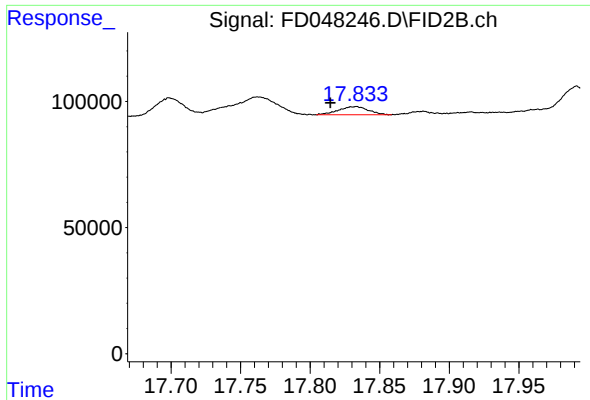
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.344 min
Delta R.T.: -0.062 min
Response: 33836
Conc: 0.23 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

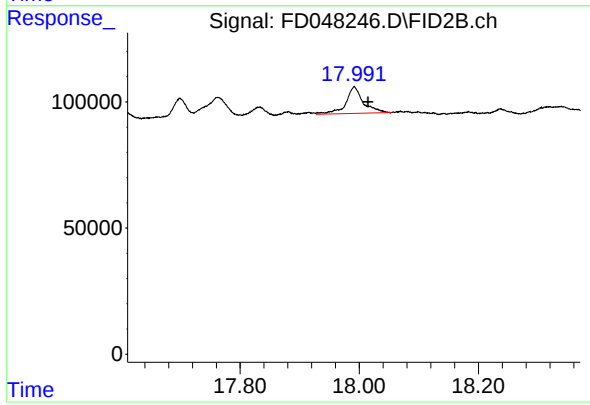
R.T.: 17.763 min
Delta R.T.: -0.007 min
Response: 1282
Conc: 0.01 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.832 min
Delta R.T.: 0.018 min
Response: 47996
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.992 min
Delta R.T.: -0.023 min
Response: 211779
Conc: 1.40 ug/ml