

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060724AR\
 Data File : FD047885.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2024 18:15
 Operator : YP/AJ
 Sample : P2757-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 08 04:02:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.439	22258286	158.544 ug/ml
Spiked Amount 50.000		Recovery =	317.09%
6) S 2-Fluorobiphenyl (SURR)	8.309	42614288	460.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	920.28%#
11) S ortho-Terphenyl (SURR)	11.332	187338580	1171.699 ug/ml
Spiked Amount 50.000		Recovery =	2343.40%
Target Compounds			
2) T Naphthalene (C11.7)	5.822	228451	1.400 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	2278820	13.829 ug/ml
5) T Acenaphthylene (C15.06)	8.108	18708414	114.463 ug/ml
7) T Acenaphthene (C15.5)	8.404	67774348	415.079 ug/ml
8) T Fluorene (C16.55)	9.234	160182830	1018.231 ug/ml
10) T Anthracene (C19.43)	10.673	321036160	2135.491 ug/ml
12) T Fluoranthene (C21.85)	12.370	215243770	1418.367 ug/ml
13) T Pyrene (C20.8)	12.628	218581201	1449.911 ug/ml
14) T Benzo[a]anthracene (C...	14.566	111188264	811.097 ug/ml
15) T Chrysene (C27.41)	14.566	111188264	754.746 ug/ml
16) T benzo[b]fluoranthene ...	16.093	16057068	114.089 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	28400997	208.556 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.456	30018086	216.867 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	1888834	16.385 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	1888834	14.165 ug/ml

(f)=RT Delta > 1/2 Window

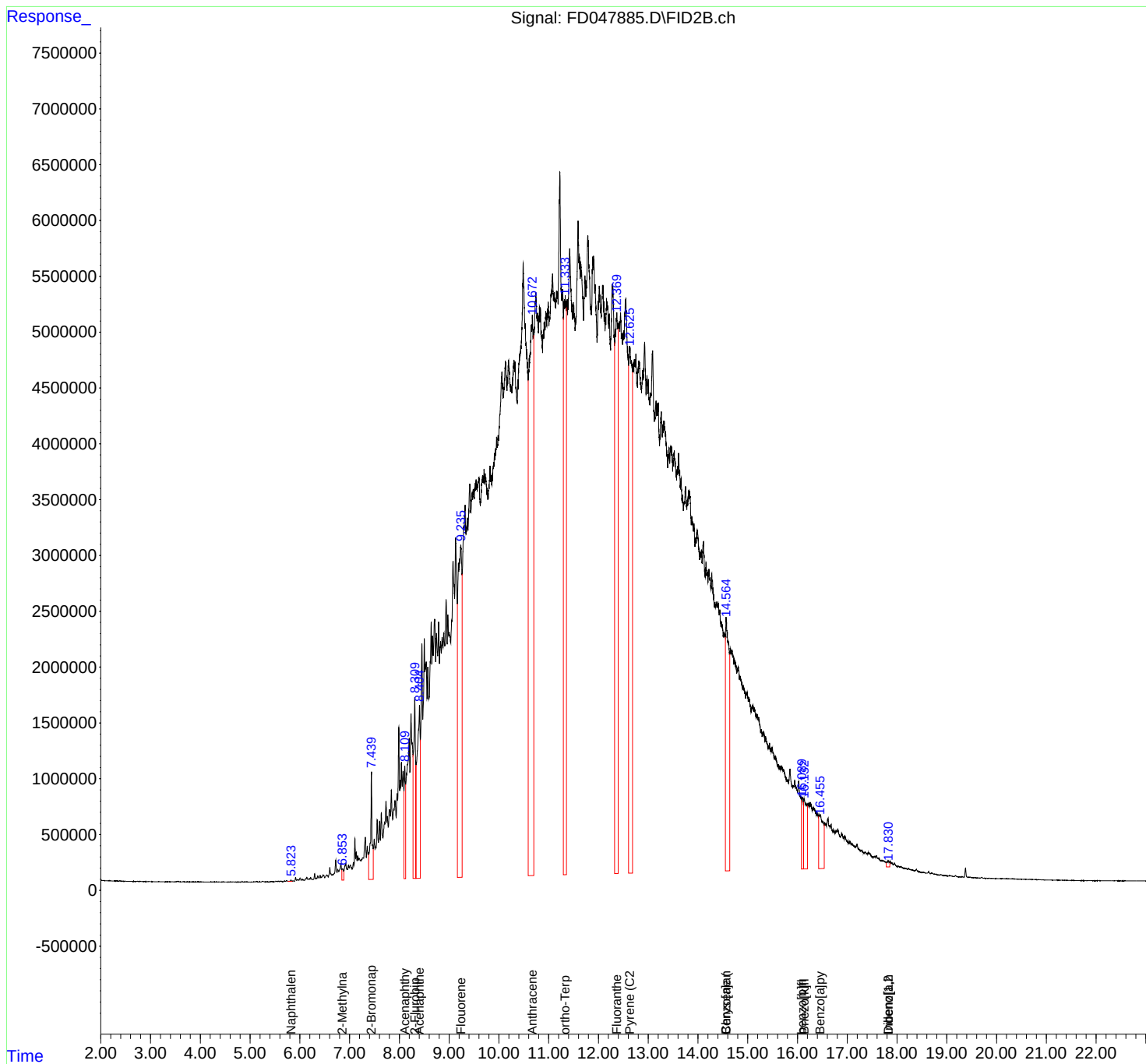
(m)=manual int.

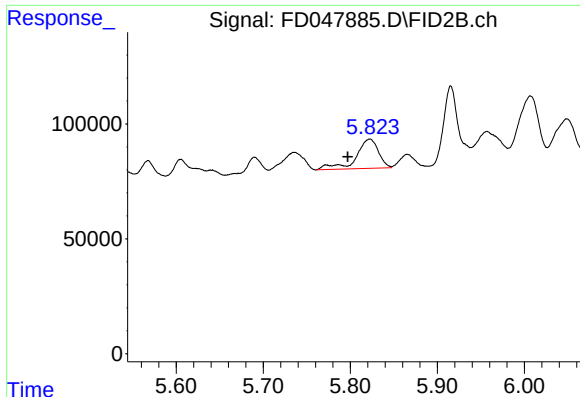
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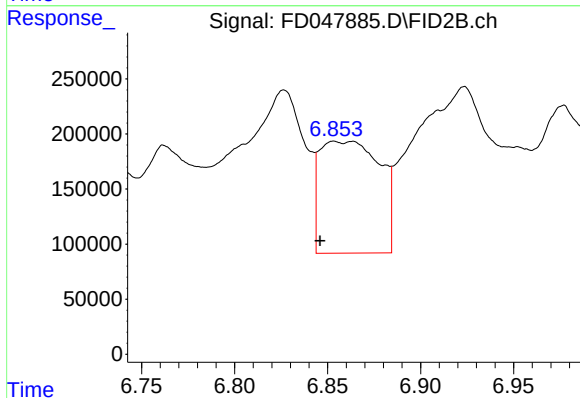




#2 Naphthalene (C11.7)

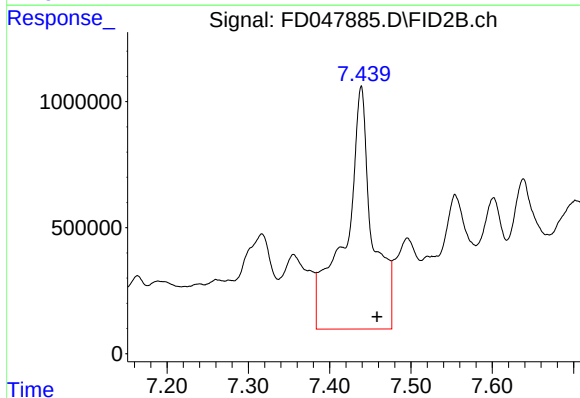
R.T.: 5.822 min
Delta R.T.: 0.025 min
Response: 228451
Conc: 1.40 ug/ml

Instrument :
FID_D
ClientSampleId :



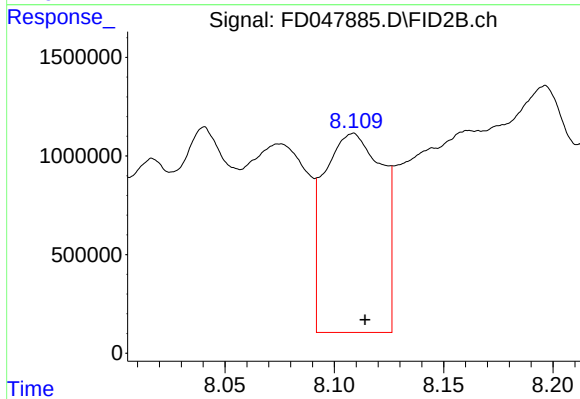
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.009 min
Response: 2278820
Conc: 13.83 ug/ml



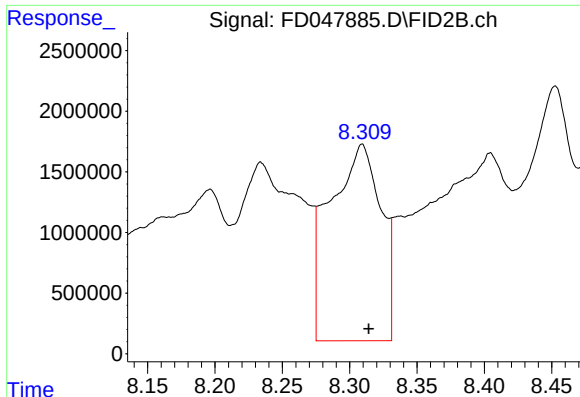
#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.020 min
Response: 22258286
Conc: 158.54 ug/ml



#5 Acenaphthylene (C15.06)

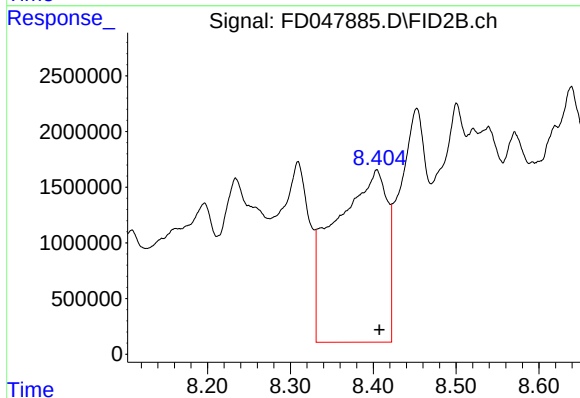
R.T.: 8.108 min
Delta R.T.: -0.006 min
Response: 18708414
Conc: 114.46 ug/ml



#6 2-Fluorobiphenyl (SURR)

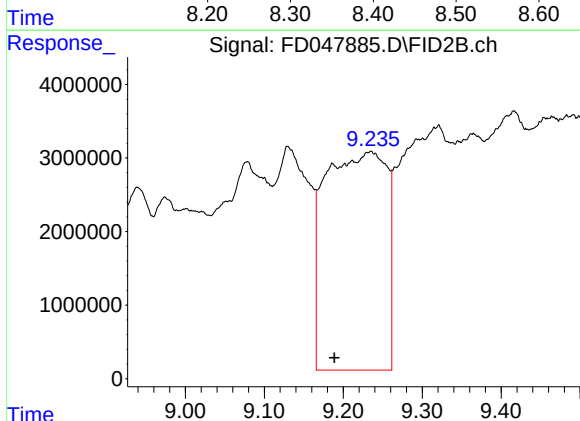
R.T.: 8.309 min
Delta R.T.: -0.005 min
Response: 42614288
Conc: 460.14 ug/ml

Instrument :
FID_D
ClientSampleId :



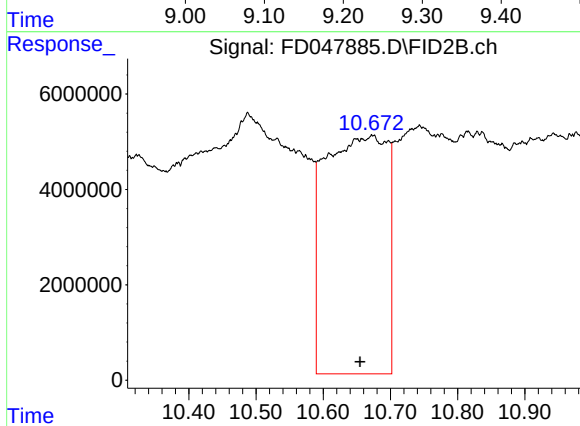
#7 Acenaphthene (C15.5)

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 67774348
Conc: 415.08 ug/ml



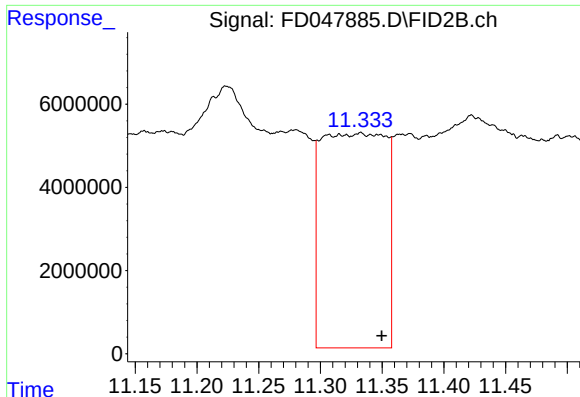
#8 Flouorene (C16.55)

R.T.: 9.234 min
Delta R.T.: 0.045 min
Response: 160182830
Conc: 1018.23 ug/ml



#10 Anthracene (C19.43)

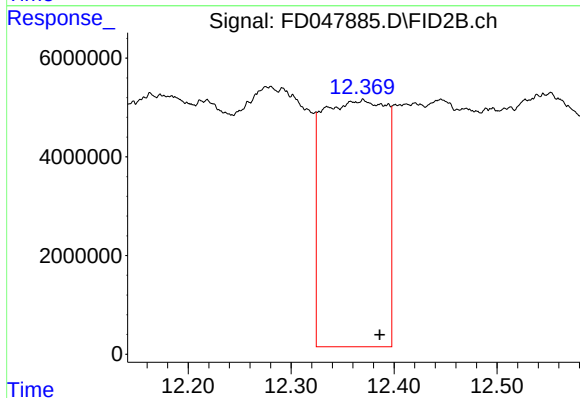
R.T.: 10.673 min
Delta R.T.: 0.019 min
Response: 321036160
Conc: 2135.49 ug/ml



#11 ortho-Terphenyl (SURR)

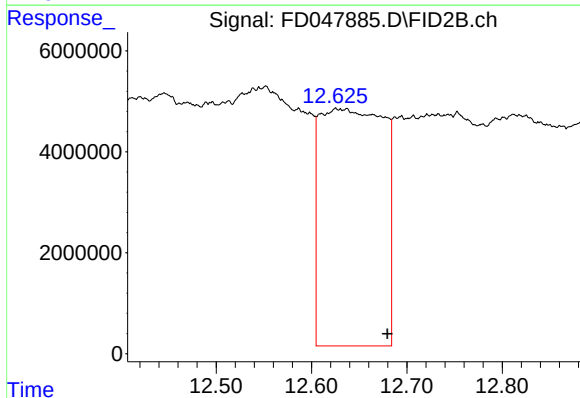
R.T.: 11.332 min
Delta R.T.: -0.018 min
Response: 187338580
Conc: 1171.70 ug/ml

Instrument :
FID_D
ClientSampleId :



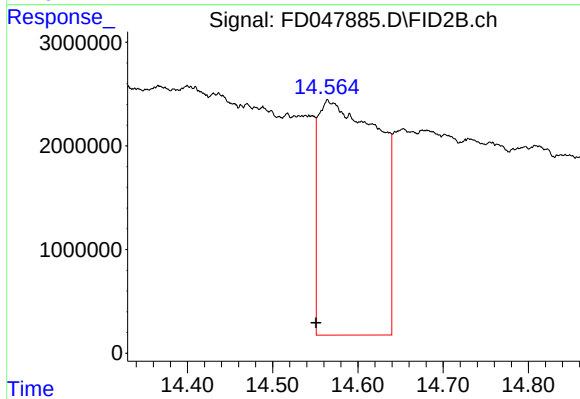
#12 Fluoranthene (C21.85)

R.T.: 12.370 min
Delta R.T.: -0.016 min
Response: 215243770
Conc: 1418.37 ug/ml



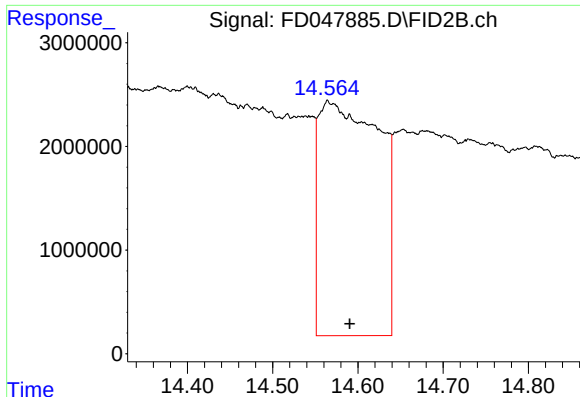
#13 Pyrene (C20.8)

R.T.: 12.628 min
Delta R.T.: -0.052 min
Response: 218581201
Conc: 1449.91 ug/ml



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

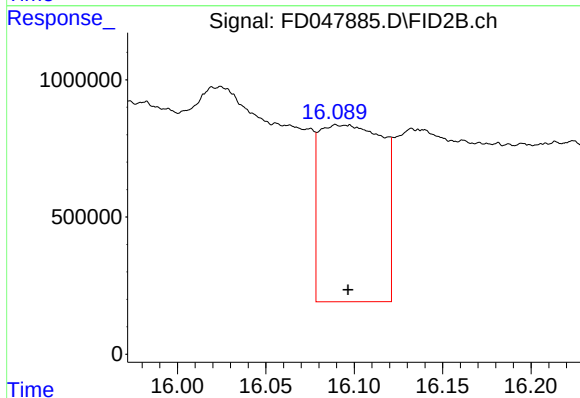
R.T.: 14.566 min
Delta R.T.: 0.015 min
Response: 111188264
Conc: 811.10 ug/ml



#15 Chrysene (C27.41)

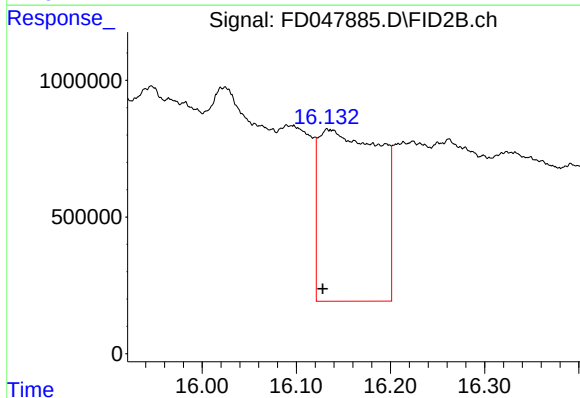
R.T.: 14.566 min
Delta R.T.: -0.025 min
Response: 111188264
Conc: 754.75 ug/ml

Instrument :
FID_D
ClientSampleId :



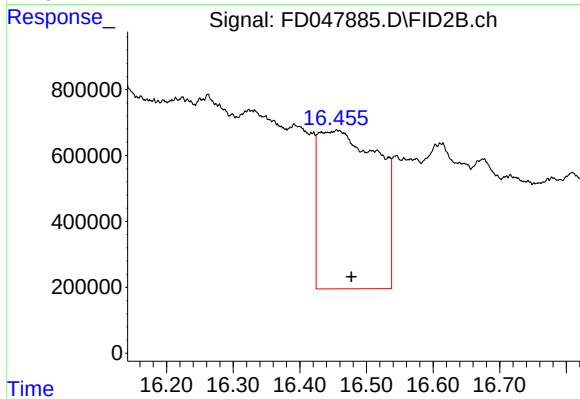
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.093 min
Delta R.T.: -0.003 min
Response: 16057068
Conc: 114.09 ug/ml



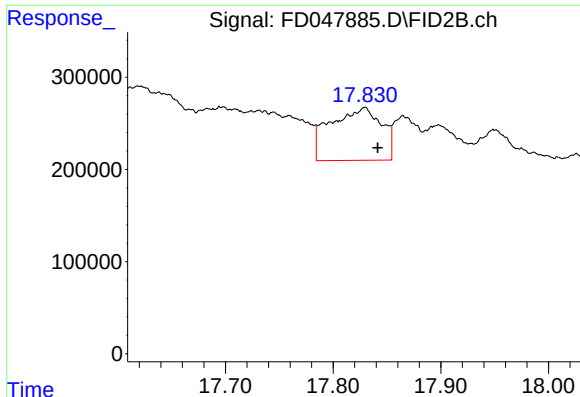
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.135 min
Delta R.T.: 0.007 min
Response: 28400997
Conc: 208.56 ug/ml



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

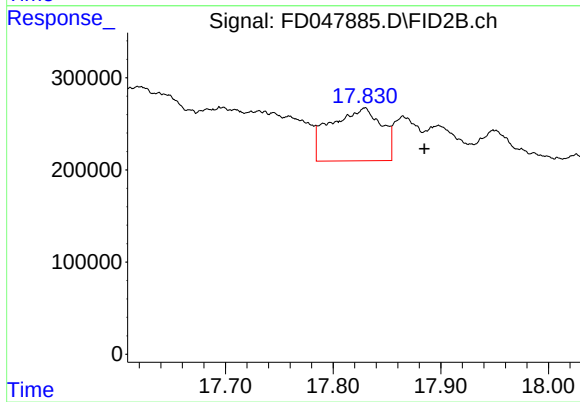
R.T.: 16.456 min
Delta R.T.: -0.021 min
Response: 30018086
Conc: 216.87 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.012 min
Response: 1888834
Conc: 16.38 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.829 min
Delta R.T.: -0.056 min
Response: 1888834
Conc: 14.16 ug/ml