

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045835.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 18:55
 Operator : YP/AJ
 Sample : 03157-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 02:55:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.526	7672988	42.560 ug/ml
Spiked Amount 50.000		Recovery =	85.12%
6) S 2-Fluorobiphenyl (SURR)	8.378	3005173	24.996 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.99%
11) S ortho-Terphenyl (SURR)	11.422	8585694	38.438 ug/ml
Spiked Amount 50.000		Recovery =	76.88%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.919	32746	0.155 ug/ml
5) T Acenaphthylene (C15.06)	8.184	33530	0.177 ug/ml
7) T Acenaphthene (C15.5)	8.476	39679	0.196 ug/ml
8) T Flouorene (C16.55)	9.258	45282	0.229 ug/ml
9) T Phenanthrene (C19.36)	10.643	314000	1.641 ug/ml
10) T Anthracene (C19.43)	10.718	108676	0.638 ug/ml
12) T Fluoranthene (C21.85)	12.446	841674	4.556 ug/ml
13) T Pyrene (C20.8)	12.741	670833	3.756 ug/ml
14) T Benzo[a]anthracene (C...	14.603	397582	2.539 ug/ml
15) T Chrysene (C27.41)	14.643	462188	2.801 ug/ml
16) T benzo[b]fluoranthene ...	16.172	198075	1.309 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	198075	1.279 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	404861	2.769 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	486770	3.323 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	85444	0.570 ug/ml
21) T Benzo[g,h,i]perylene ...	18.122	287041	1.945 ug/ml

(f)=RT Delta > 1/2 Window

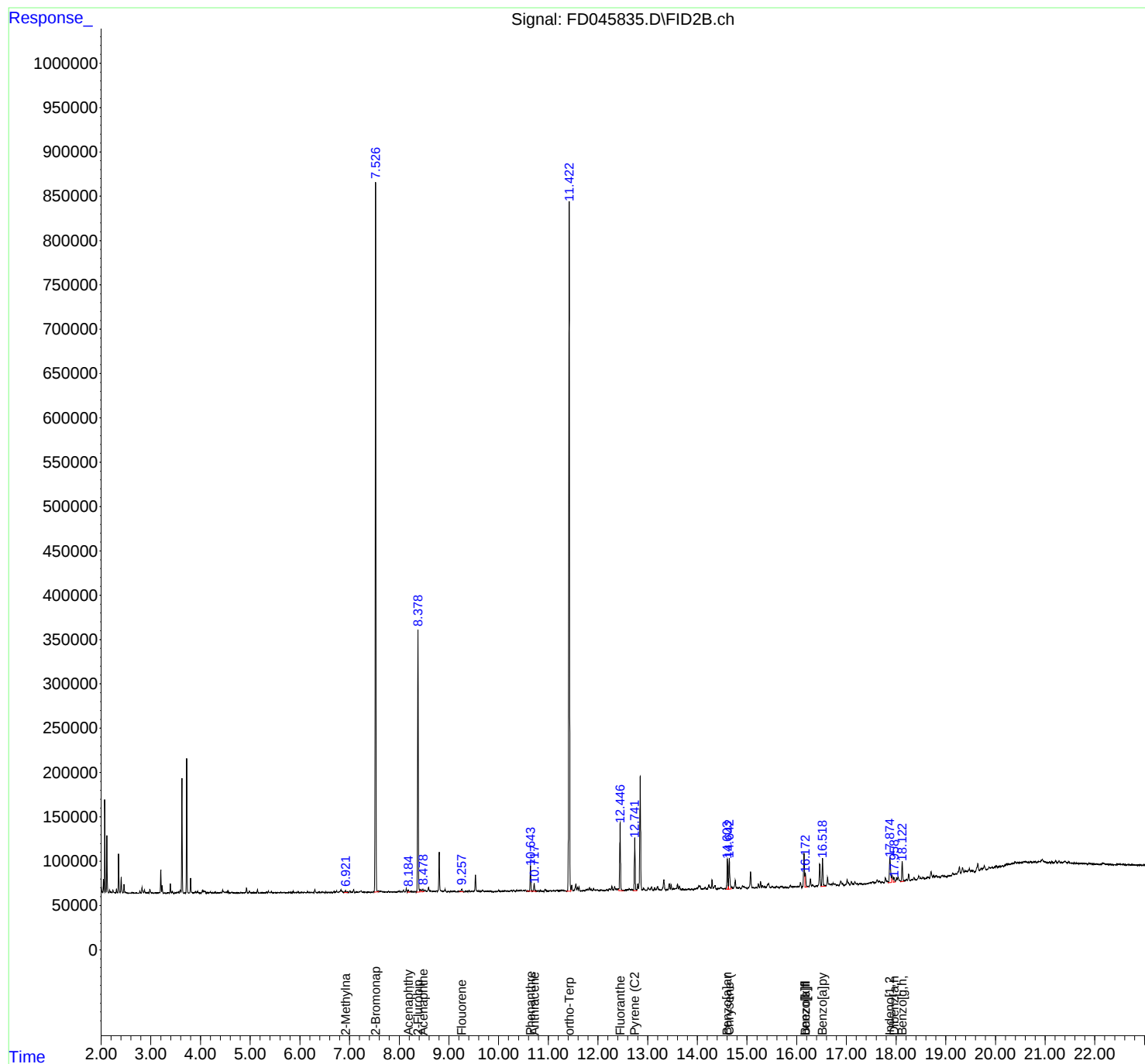
(m)=manual int.

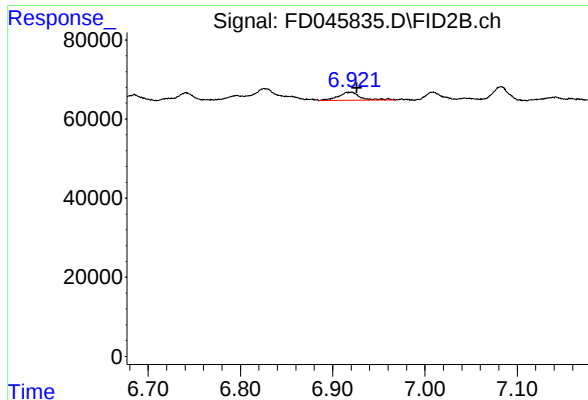
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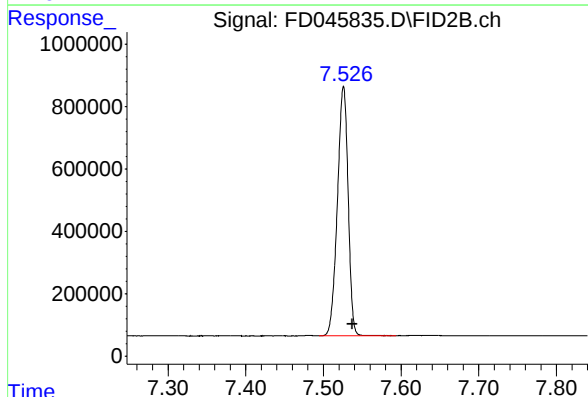




#3 2-Methylnaphthalene (C12.89)

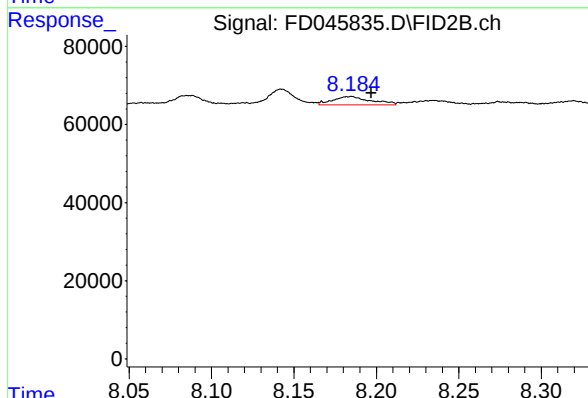
R.T.: 6.919 min
Delta R.T.: -0.007 min
Response: 32746
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



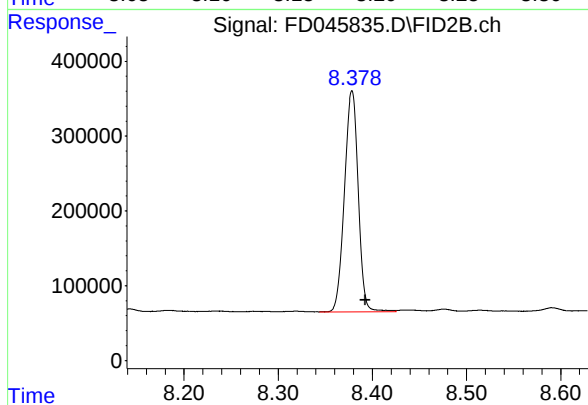
#4 2-Bromonaphthalene (SURR)

R.T.: 7.526 min
Delta R.T.: -0.012 min
Response: 7672988
Conc: 42.56 ug/ml



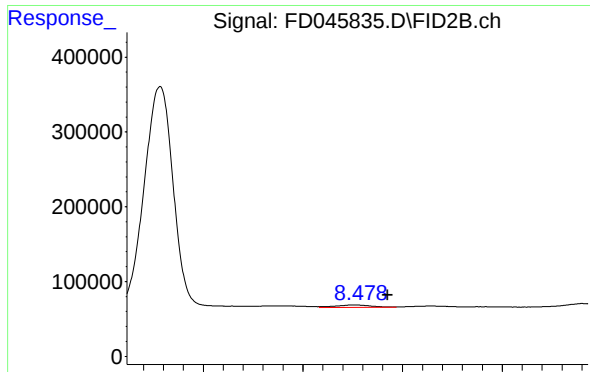
#5 Acenaphthylene (C15.06)

R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 33530
Conc: 0.18 ug/ml



#6 2-Fluorobiphenyl (SURR)

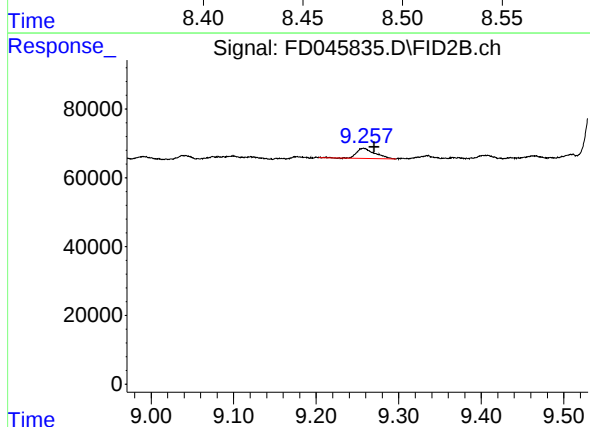
R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 3005173
Conc: 25.00 ug/ml



#7 Acenaphthene (C15.5)

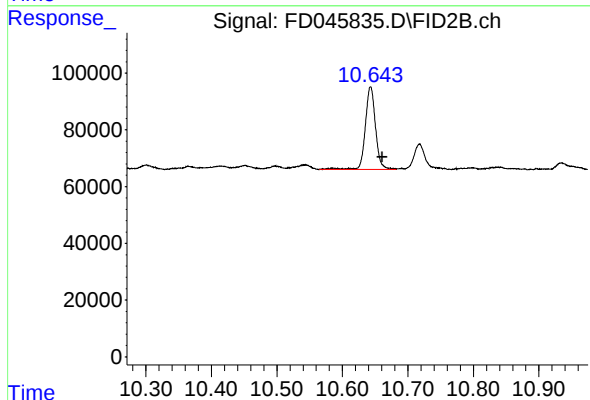
R.T.: 8.476 min
Delta R.T.: -0.016 min
Response: 39679
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



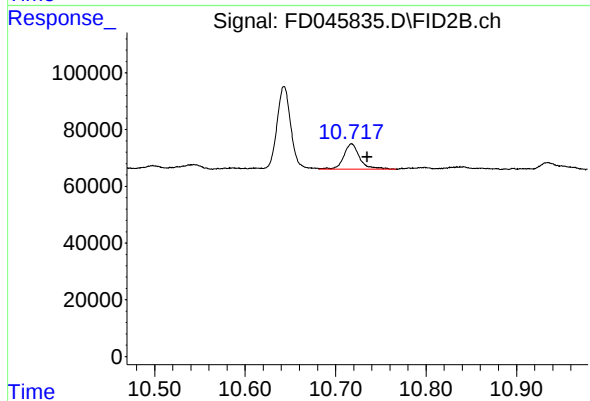
#8 Flouorene (C16.55)

R.T.: 9.258 min
Delta R.T.: -0.013 min
Response: 45282
Conc: 0.23 ug/ml



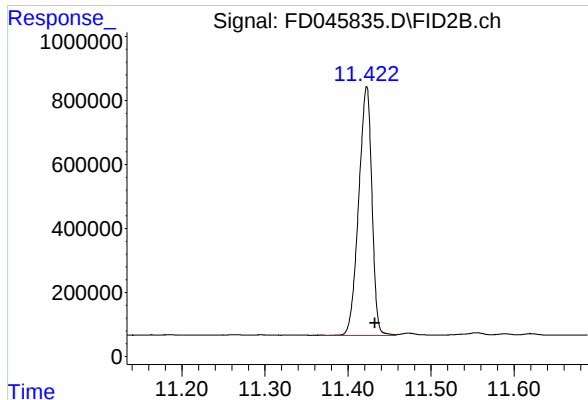
#9 Phenanthrene (C19.36)

R.T.: 10.643 min
Delta R.T.: -0.018 min
Response: 314000
Conc: 1.64 ug/ml



#10 Anthracene (C19.43)

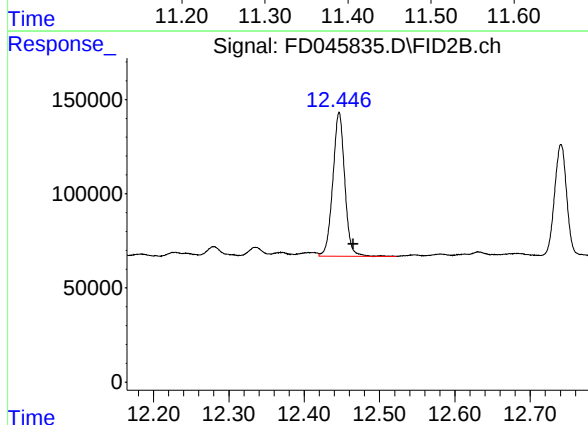
R.T.: 10.718 min
Delta R.T.: -0.018 min
Response: 108676
Conc: 0.64 ug/ml



#11 ortho-Terphenyl (SURR)

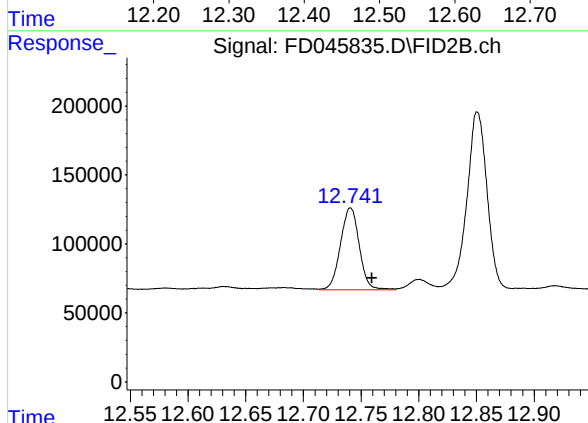
R.T.: 11.422 min
Delta R.T.: -0.011 min
Response: 8585694
Conc: 38.44 ug/ml

Instrument :
FID_D
ClientSampleId :



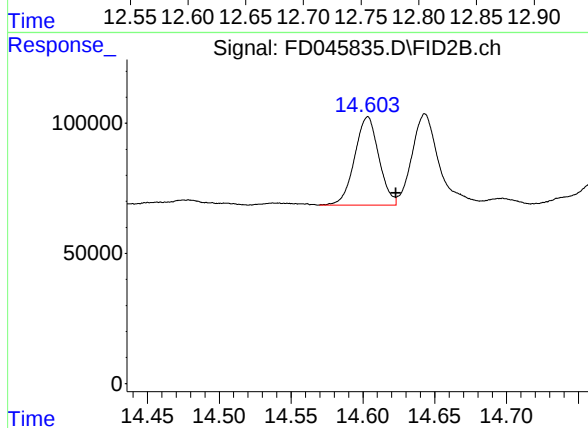
#12 Fluoranthene (C21.85)

R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 841674
Conc: 4.56 ug/ml



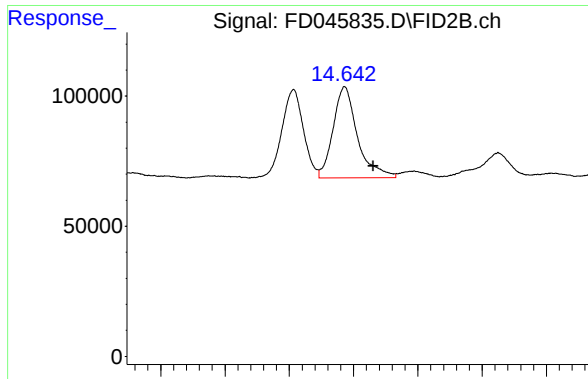
#13 Pyrene (C20.8)

R.T.: 12.741 min
Delta R.T.: -0.019 min
Response: 670833
Conc: 3.76 ug/ml



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

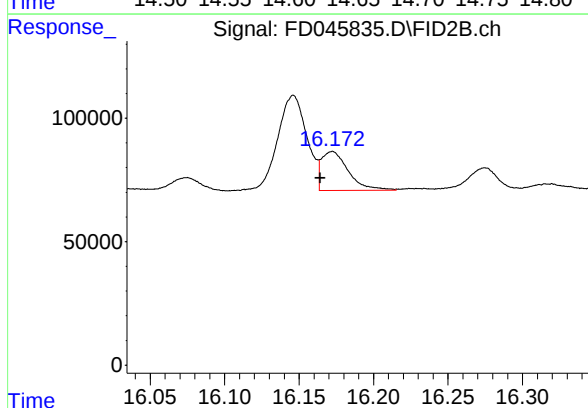
R.T.: 14.603 min
Delta R.T.: -0.020 min
Response: 397582
Conc: 2.54 ug/ml



#15 Chrysene (C27.41)

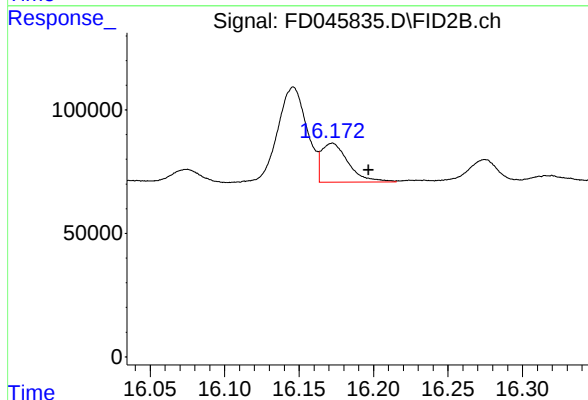
R.T.: 14.643 min
Delta R.T.: -0.023 min
Response: 462188
Conc: 2.80 ug/ml

Instrument :
FID_D
ClientSampleId :



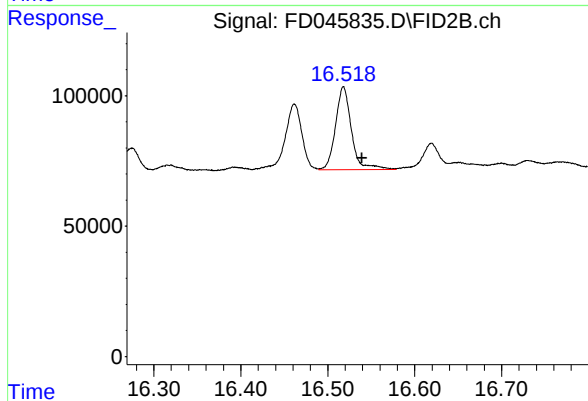
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.172 min
Delta R.T.: 0.008 min
Response: 198075
Conc: 1.31 ug/ml



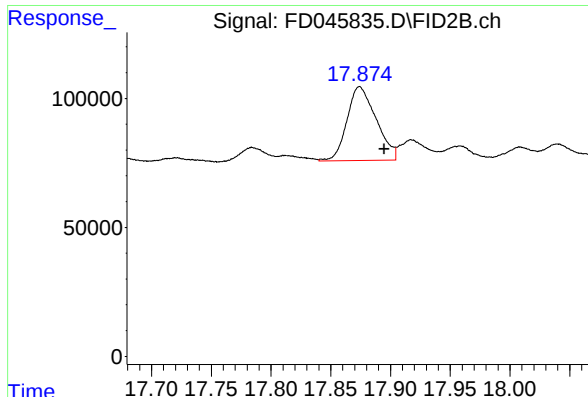
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.172 min
Delta R.T.: -0.025 min
Response: 198075
Conc: 1.28 ug/ml



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

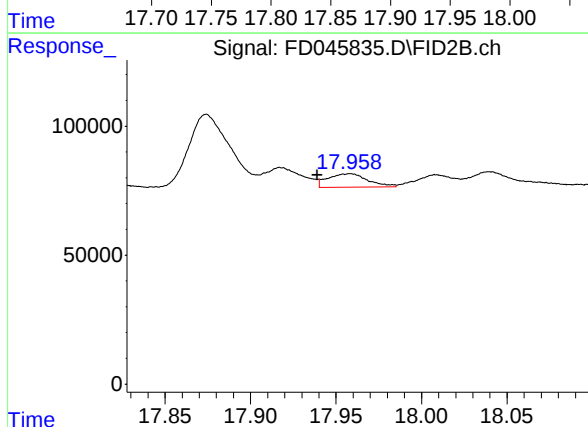
R.T.: 16.518 min
Delta R.T.: -0.021 min
Response: 404861
Conc: 2.77 ug/ml



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

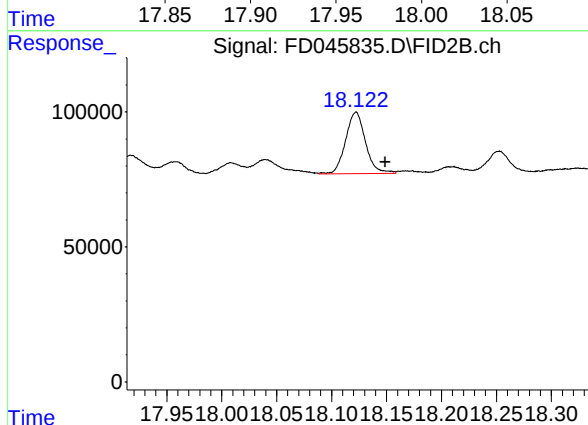
R.T.: 17.874 min
Delta R.T.: -0.021 min
Response: 486770
Conc: 3.32 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.957 min
Delta R.T.: 0.018 min
Response: 85444
Conc: 0.57 ug/ml



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

R.T.: 18.122 min
Delta R.T.: -0.027 min
Response: 287041
Conc: 1.95 ug/ml