

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043186.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 22:36
 Operator : YP/AJ
 Sample : N3564-24DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 01:57:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.628	886844	5.743 ug/ml
Spiked Amount 50.000		Recovery =	11.49%
6) S 2-Fluorobiphenyl (SURR)	8.491	532578	5.049 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.10%
11) S ortho-Terphenyl (SURR)	11.565	244521	1.345 ug/ml
Spiked Amount 50.000		Recovery =	2.69%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.012	97133	0.604 ug/ml
5) T Acenaphthylene (C15.06)	8.284	181806	1.023 ug/ml
7) T Acenaphthene (C15.5)	8.589	129404	0.739 ug/ml
8) T Flouorene (C16.55)	9.375	86252	0.498 ug/ml
9) T Phenanthrene (C19.36)	10.768	379414	2.212 ug/ml
10) T Anthracene (C19.43)	10.847	250598	1.475 ug/ml
12) T Fluoranthene (C21.85)	12.583	514039	3.065 ug/ml
13) T Pyrene (C20.8)	12.879	452219	2.775 ug/ml
14) T Benzo[a]anthracene (C...	14.752	717945	4.623 ug/ml
15) T Chrysene (C27.41)	14.793	725647	4.598 ug/ml
16) T benzo[b]fluoranthene ...	16.305	1176579	7.718 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	1176579	8.039 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	487957	3.411 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	100383	0.802 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	70524	0.525 ug/ml
21) T Benzo[g,h,i]perylene ...	18.296	190998	1.464 ug/ml

(f)=RT Delta > 1/2 Window

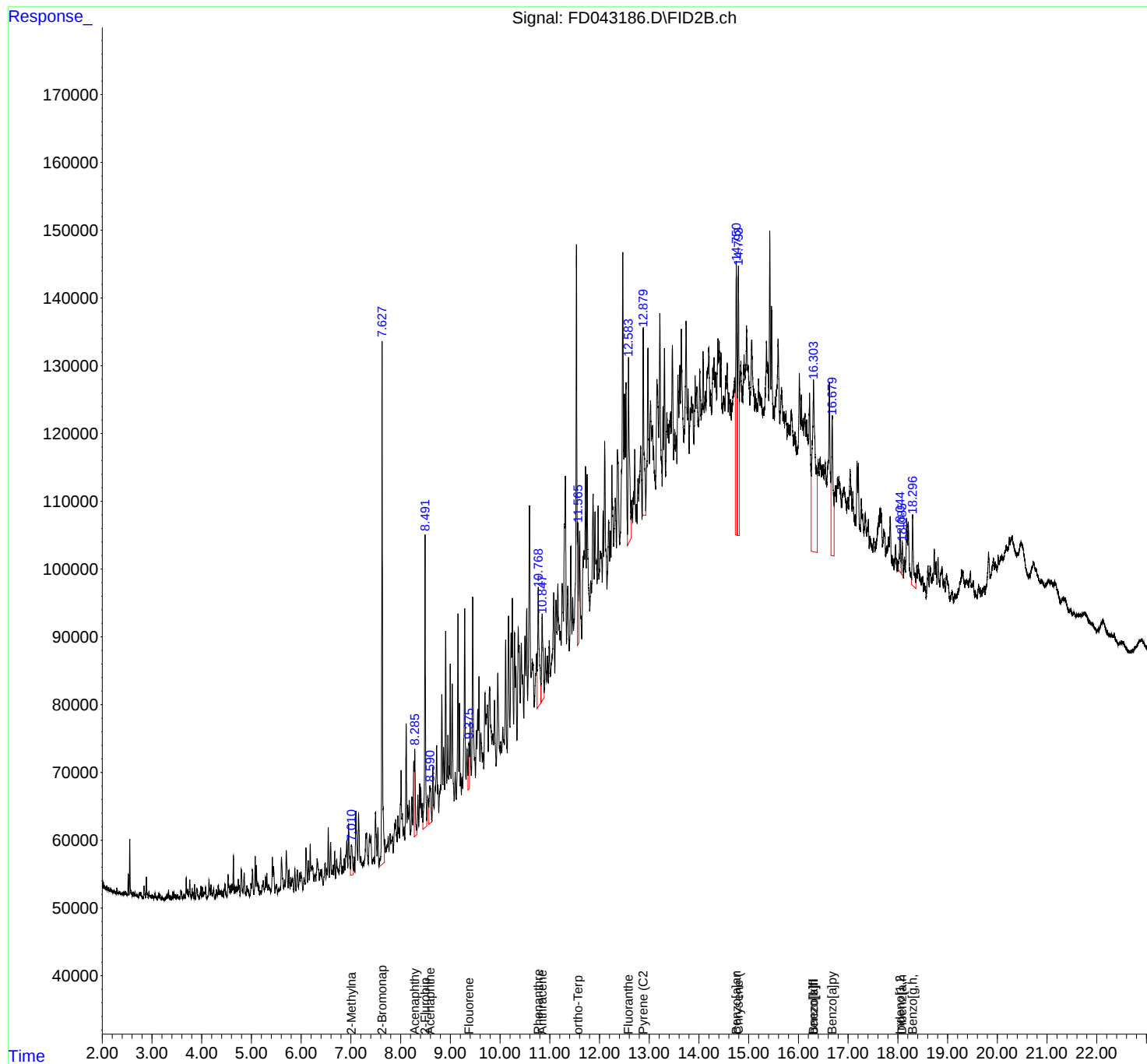
(m)=manual int.

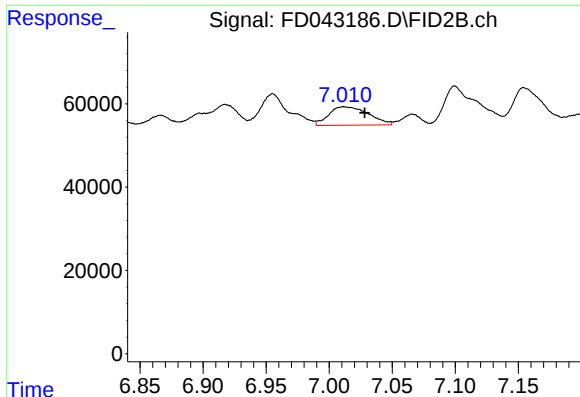
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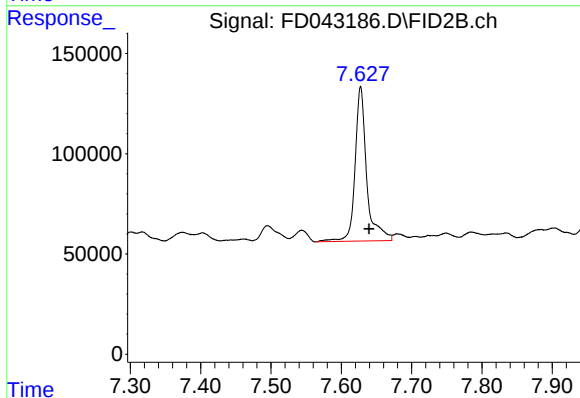




#3 2-Methylnaphthalene (C12.89)

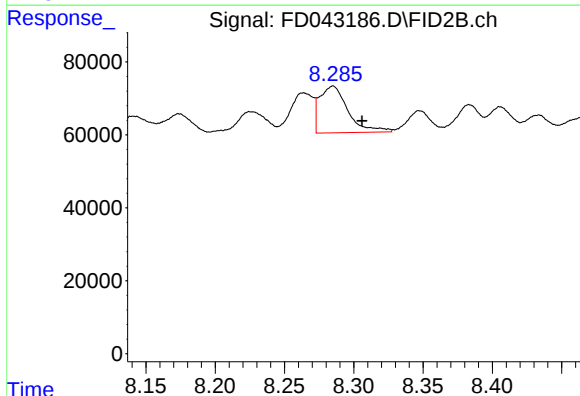
R.T.: 7.012 min
Delta R.T.: -0.016 min
Response: 97133
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



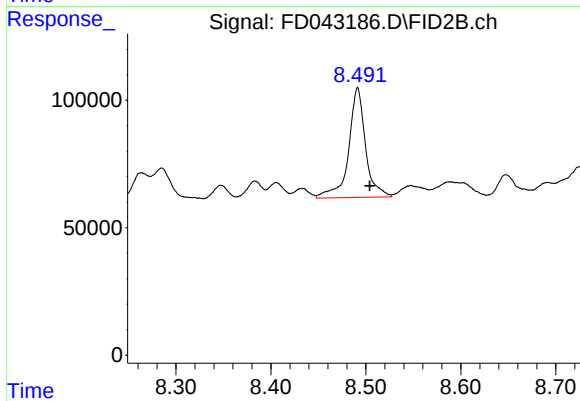
#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 886844
Conc: 5.74 ug/ml



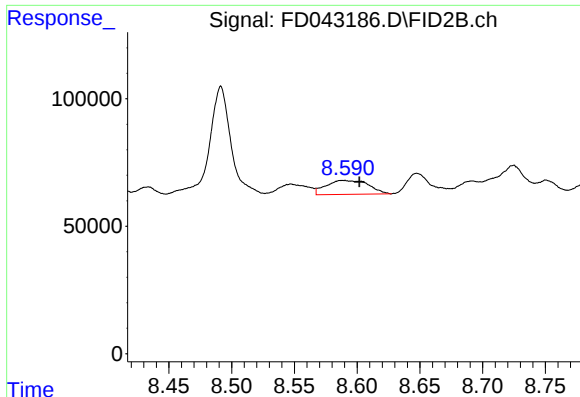
#5 Acenaphthylene (C15.06)

R.T.: 8.284 min
Delta R.T.: -0.021 min
Response: 181806
Conc: 1.02 ug/ml



#6 2-Fluorobiphenyl (SURR)

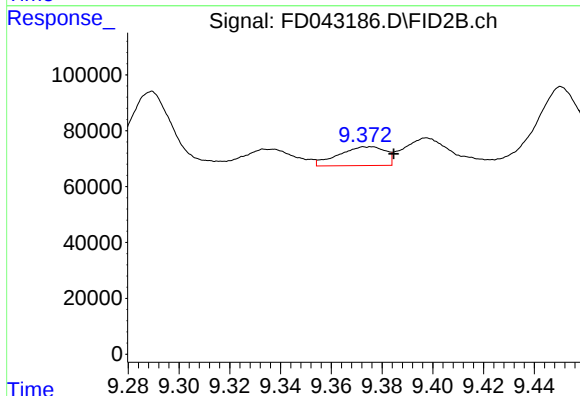
R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 532578
Conc: 5.05 ug/ml



#7 Acenaphthene (C15.5)

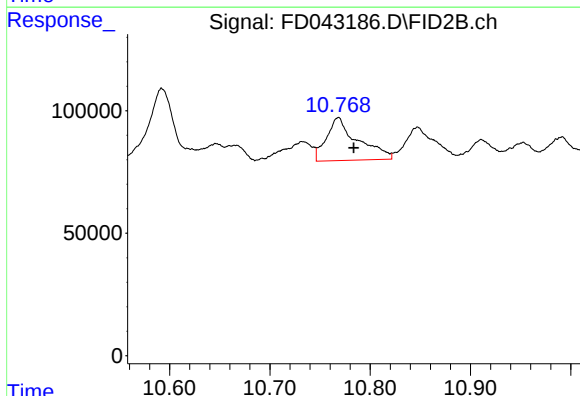
R.T.: 8.589 min
Delta R.T.: -0.013 min
Response: 129404
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



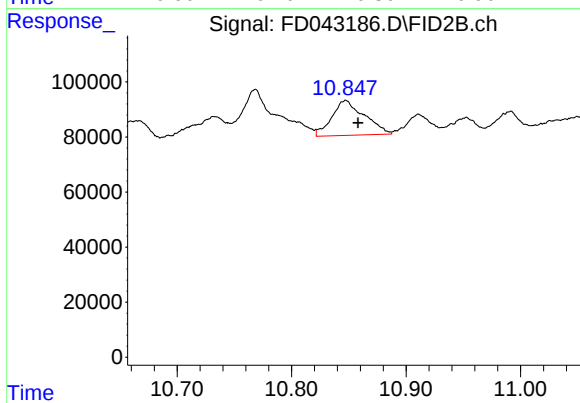
#8 Flouorene (C16.55)

R.T.: 9.375 min
Delta R.T.: -0.010 min
Response: 86252
Conc: 0.50 ug/ml



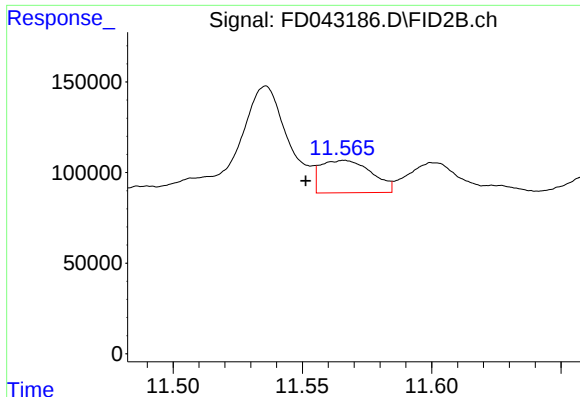
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: -0.016 min
Response: 379414
Conc: 2.21 ug/ml



#10 Anthracene (C19.43)

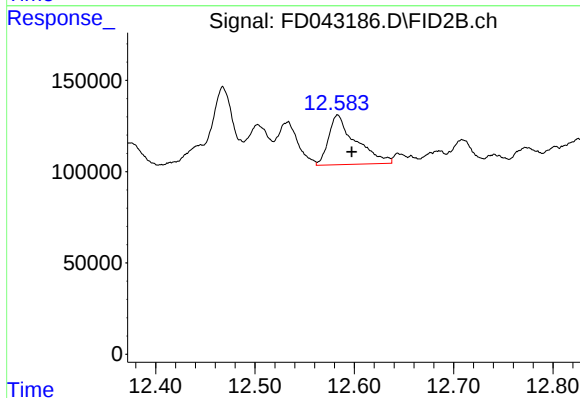
R.T.: 10.847 min
Delta R.T.: -0.011 min
Response: 250598
Conc: 1.48 ug/ml



#11 ortho-Terphenyl (SURR)

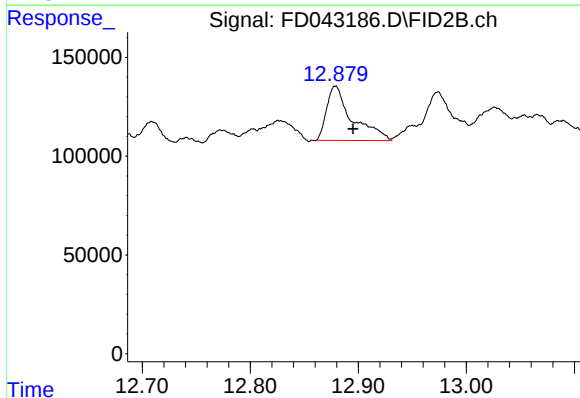
R.T.: 11.565 min
Delta R.T.: 0.014 min
Response: 244521
Conc: 1.35 ug/ml

Instrument :
FID_D
ClientSampleId :



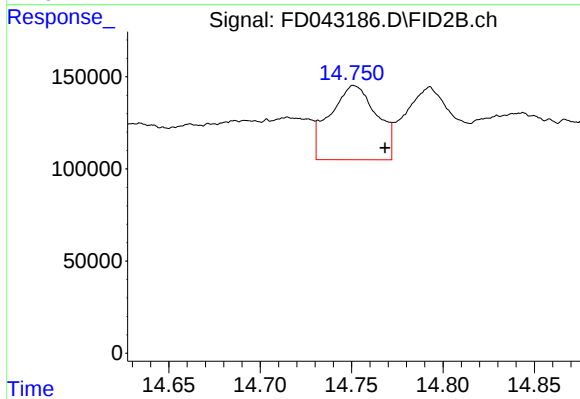
#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: -0.014 min
Response: 514039
Conc: 3.06 ug/ml



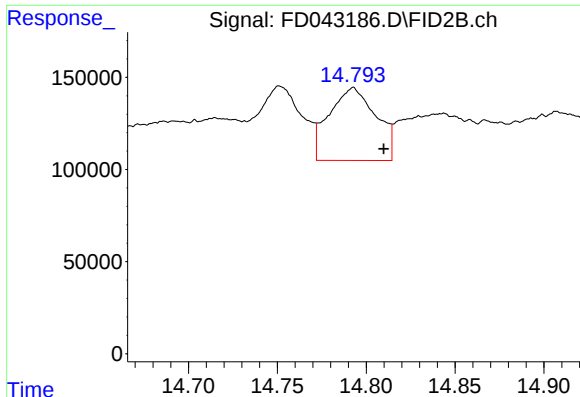
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: -0.016 min
Response: 452219
Conc: 2.77 ug/ml



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

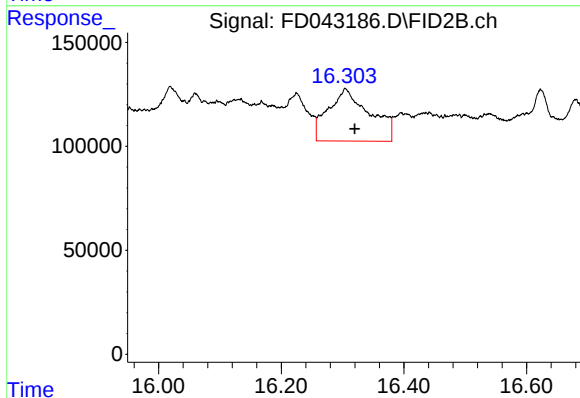
R.T.: 14.752 min
Delta R.T.: -0.017 min
Response: 717945
Conc: 4.62 ug/ml



#15 Chrysene (C27.41)

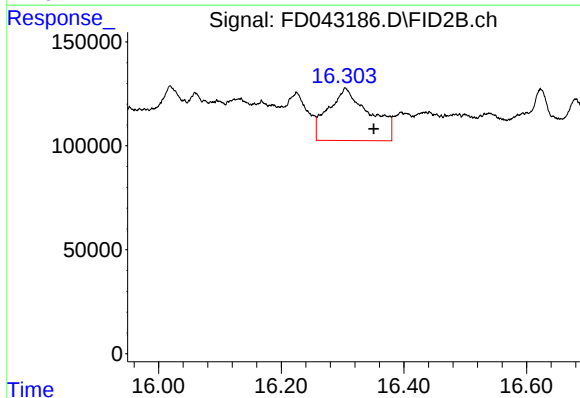
R.T.: 14.793 min
Delta R.T.: -0.017 min
Response: 725647
Conc: 4.60 ug/ml

Instrument :
FID_D
ClientSampleId :



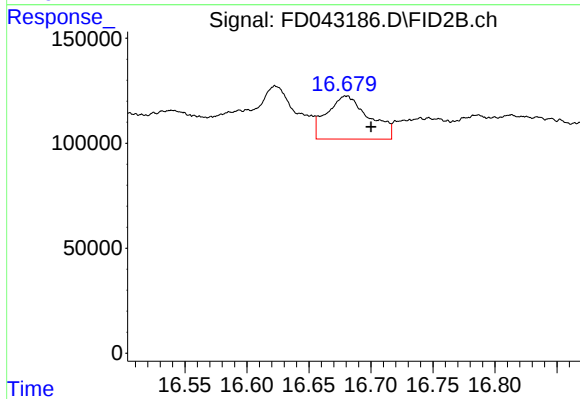
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.305 min
Delta R.T.: -0.015 min
Response: 1176579
Conc: 7.72 ug/ml



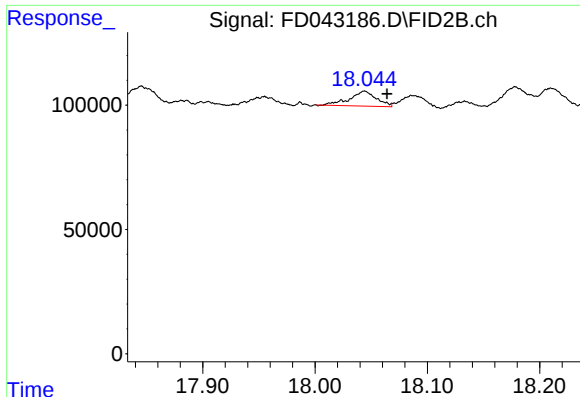
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.305 min
Delta R.T.: -0.046 min
Response: 1176579
Conc: 8.04 ug/ml



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

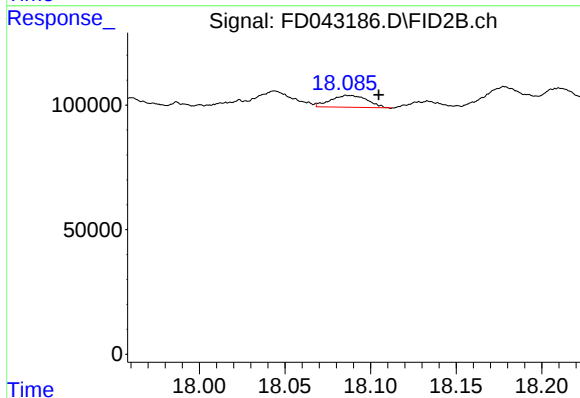
R.T.: 16.680 min
Delta R.T.: -0.020 min
Response: 487957
Conc: 3.41 ug/ml



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

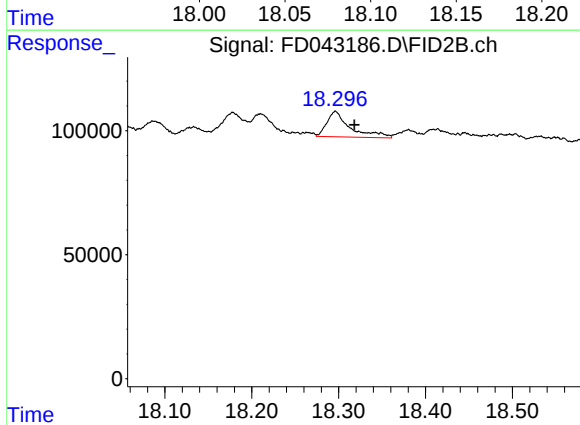
R.T.: 18.044 min
Delta R.T.: -0.020 min
Response: 100383
Conc: 0.80 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 70524
Conc: 0.52 ug/ml



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

R.T.: 18.296 min
Delta R.T.: -0.022 min
Response: 190998
Conc: 1.46 ug/ml