

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031389.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 16:20
 Operator : DD\AJ
 Sample : K5725-09
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-4

Integration File: autoint1.e
 Quant Time: Nov 08 16:59:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.639	5860941	49.237 ug/ml
Spiked Amount 50.000		Recovery =	98.47%
6) S 2-Fluorobiphenyl (SURR)	8.500	4188207	50.832 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.66%
11) S ortho-Terphenyl (SURR)	11.544	5099164	39.848 ug/ml
Spiked Amount 50.000		Recovery =	79.70%
Target Compounds			
2) T Naphthalene (C11.7)	5.974	397490	3.087 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	1896173	14.764 ug/ml
5) T Acenaphthylene (C15.06)	8.296	1723904	13.694 ug/ml
7) T Acenaphthene (C15.5)	8.611	739267	5.646 ug/ml
8) T Flouorene (C16.55)	9.405	1451206	11.100 ug/ml
9) T Phenanthrene (C19.36)	10.775	4226778	32.080 ug/ml
10) T Anthracene (C19.43)	10.848	2907210	22.546 ug/ml
12) T Fluoranthene (C21.85)	12.588	6207355	46.839 ug/ml
13) T Pyrene (C20.8)	12.883	4840644	36.756 ug/ml
14) T Benzo[a]anthracene (C...	14.746	2168058	17.127 ug/ml
15) T Chrysene (C27.41)	14.787	2260182	17.820 ug/ml
16) T benzo[b]fluoranthene ...	16.323	1019317	8.120 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	1019317	8.100 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	2161145	17.415 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.072	396567	3.260 ug/ml
20) T Dibenz[a,h]anthracene...	18.113	137329	1.109 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	1441168	11.947 ug/ml

(f)=RT Delta > 1/2 Window

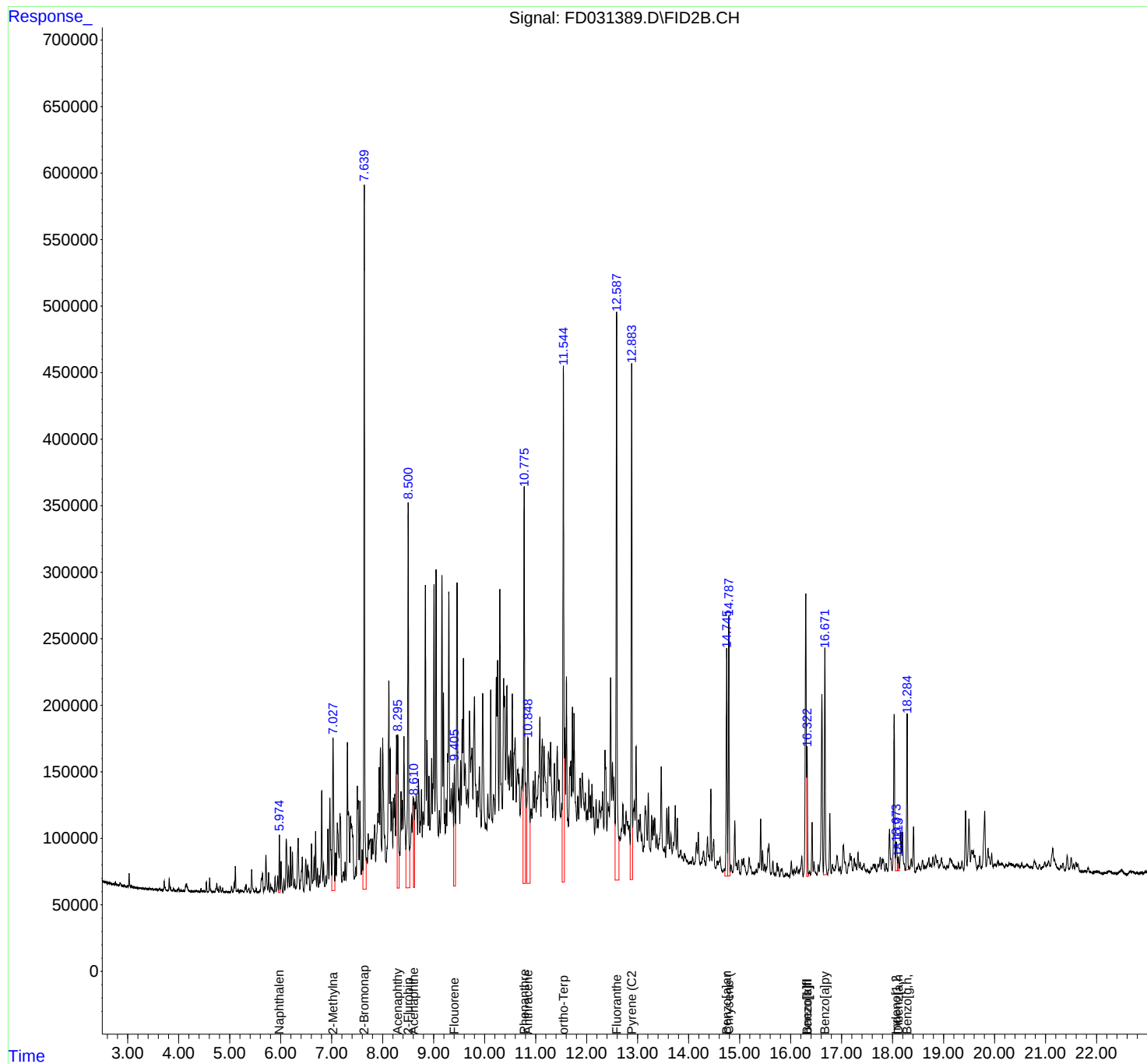
(m)=manual int.

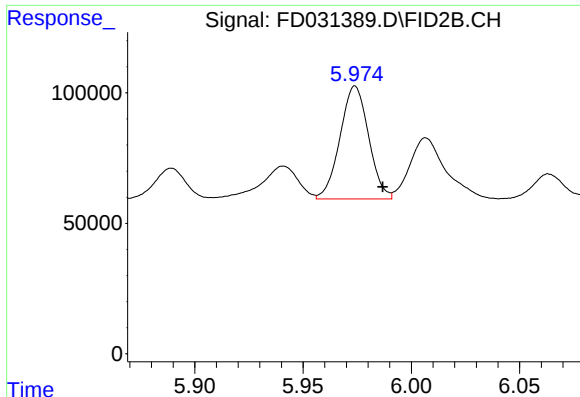
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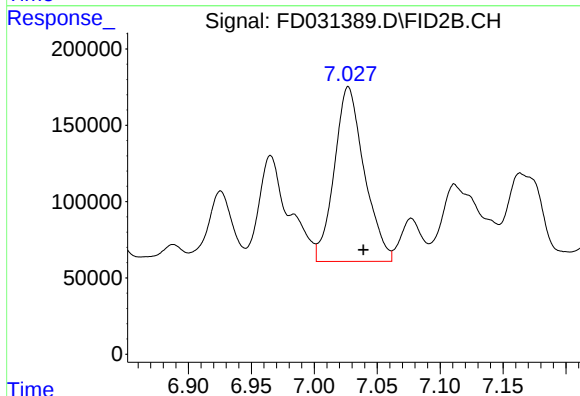




#2 Naphthalene (C11.7)

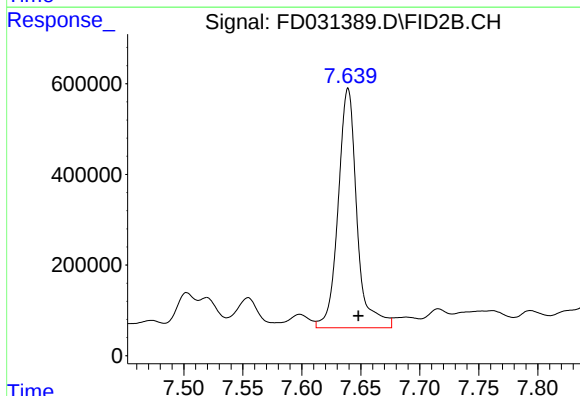
R.T.: 5.974 min
Delta R.T.: -0.013 min
Response: 397490
Conc: 3.09 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4



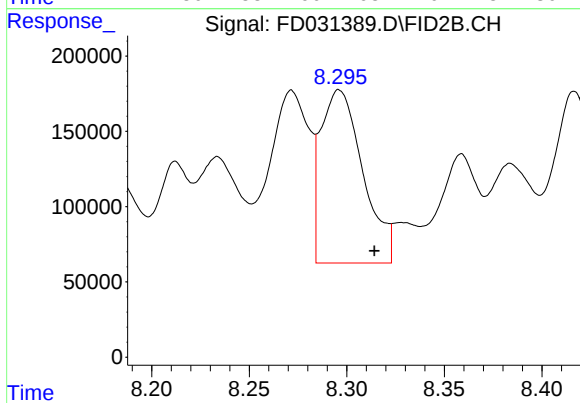
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: -0.012 min
Response: 1896173
Conc: 14.76 ug/ml



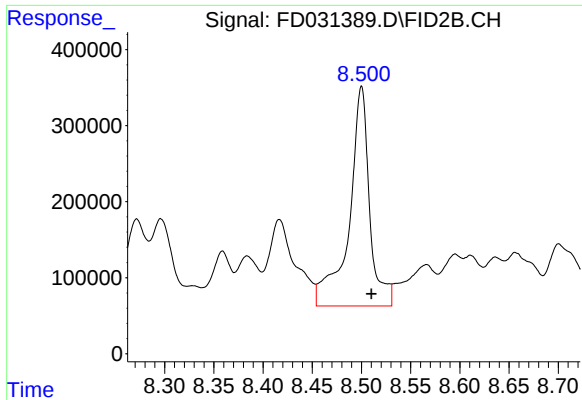
#4 2-Bromonaphthalene (SURR)

R.T.: 7.639 min
Delta R.T.: -0.009 min
Response: 5860941
Conc: 49.24 ug/ml



#5 Acenaphthylene (C15.06)

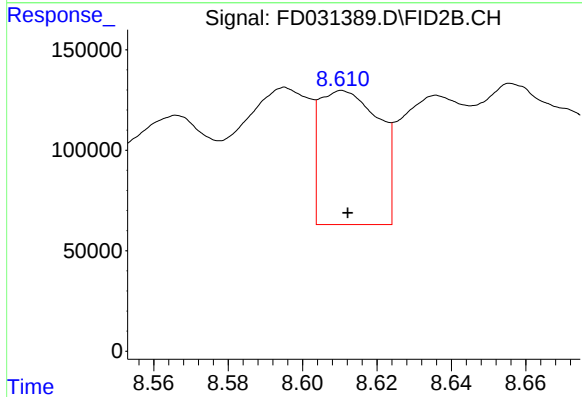
R.T.: 8.296 min
Delta R.T.: -0.018 min
Response: 1723904
Conc: 13.69 ug/ml



#6 2-Fluorobiphenyl (SURR)

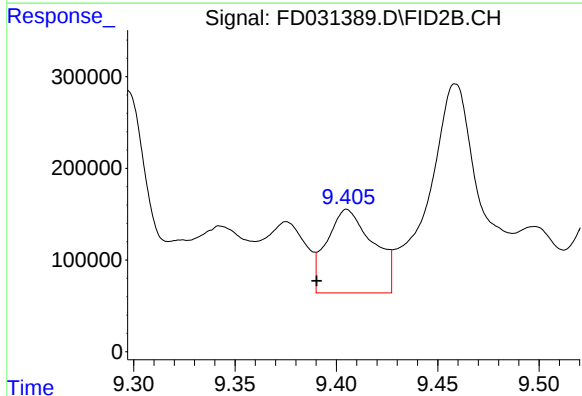
R.T.: 8.500 min
Delta R.T.: -0.010 min
Response: 4188207
Conc: 50.83 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4



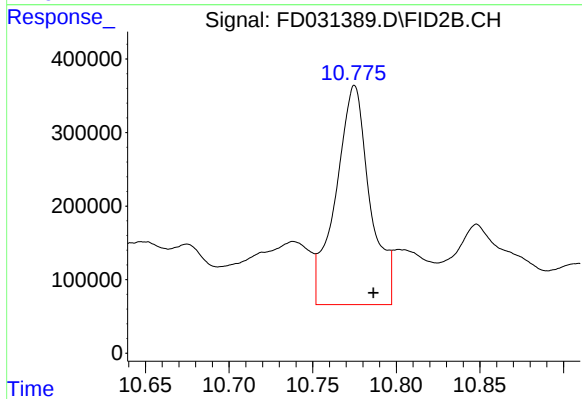
#7 Acenaphthene (C15.5)

R.T.: 8.611 min
Delta R.T.: -0.001 min
Response: 739267
Conc: 5.65 ug/ml



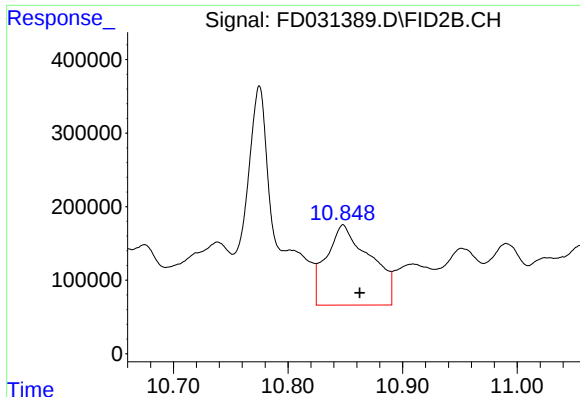
#8 Flouorene (C16.55)

R.T.: 9.405 min
Delta R.T.: 0.015 min
Response: 1451206
Conc: 11.10 ug/ml



#9 Phenanthrene (C19.36)

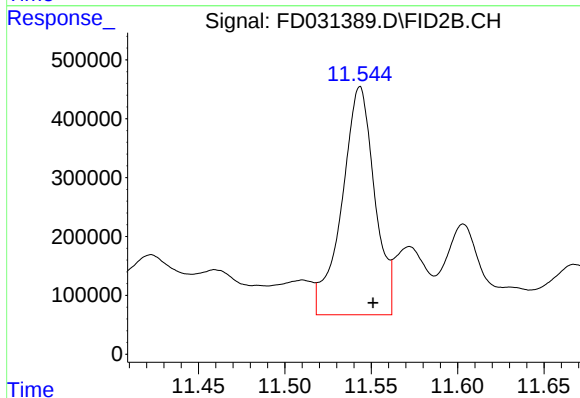
R.T.: 10.775 min
Delta R.T.: -0.011 min
Response: 4226778
Conc: 32.08 ug/ml



#10 Anthracene (C19.43)

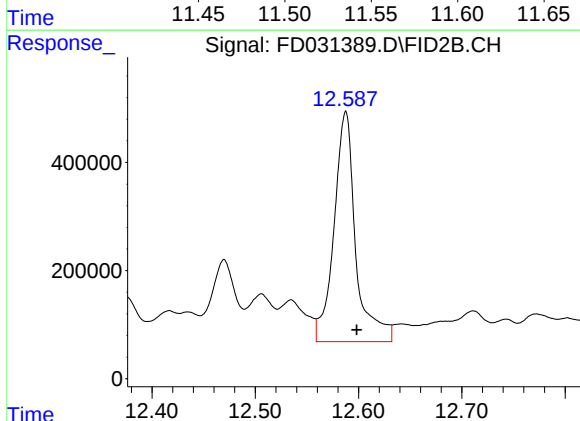
R.T.: 10.848 min
Delta R.T.: -0.014 min
Response: 2907210
Conc: 22.55 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4



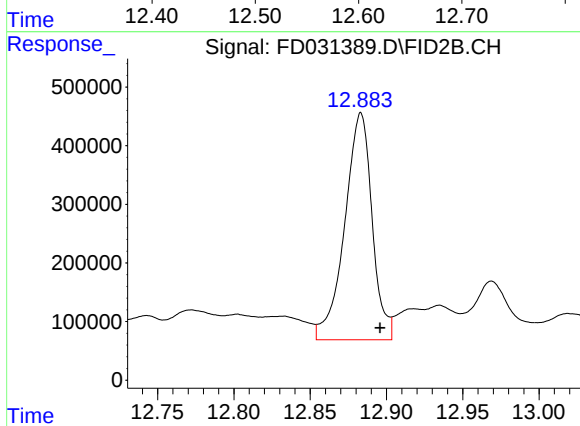
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.008 min
Response: 5099164
Conc: 39.85 ug/ml



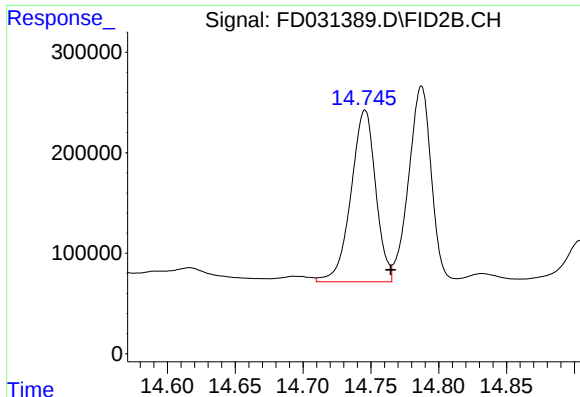
#12 Fluoranthene (C21.85)

R.T.: 12.588 min
Delta R.T.: -0.010 min
Response: 6207355
Conc: 46.84 ug/ml



#13 Pyrene (C20.8)

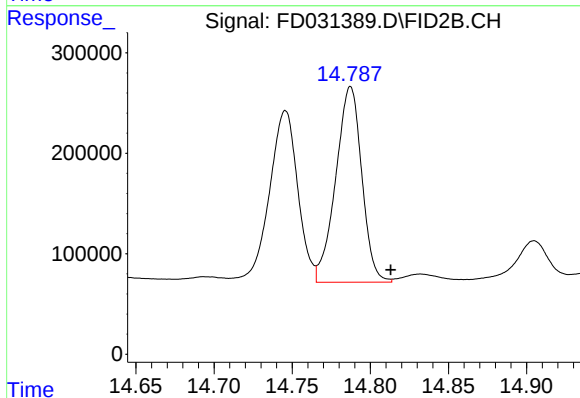
R.T.: 12.883 min
Delta R.T.: -0.012 min
Response: 4840644
Conc: 36.76 ug/ml



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

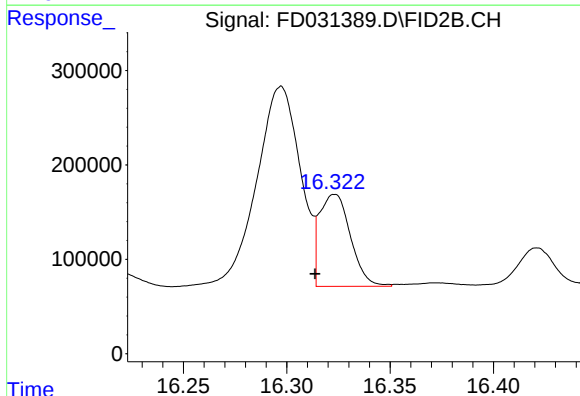
R.T.: 14.746 min
Delta R.T.: -0.019 min
Response: 2168058
Conc: 17.13 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4



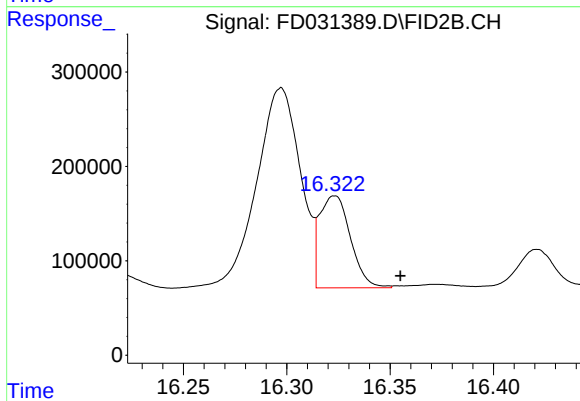
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.026 min
Response: 2260182
Conc: 17.82 ug/ml



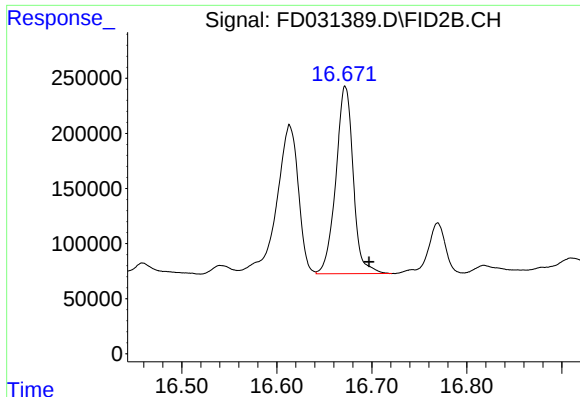
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.323 min
Delta R.T.: 0.009 min
Response: 1019317
Conc: 8.12 ug/ml



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

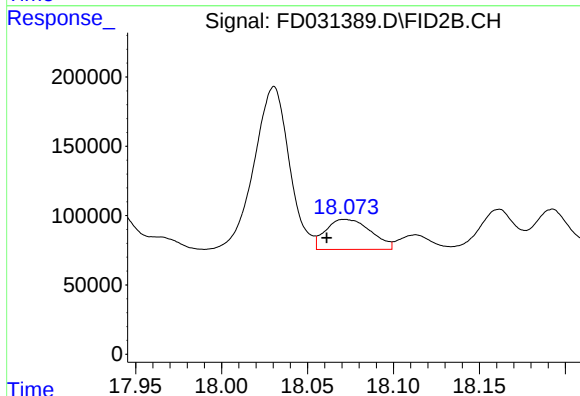
R.T.: 16.323 min
Delta R.T.: -0.032 min
Response: 1019317
Conc: 8.10 ug/ml



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

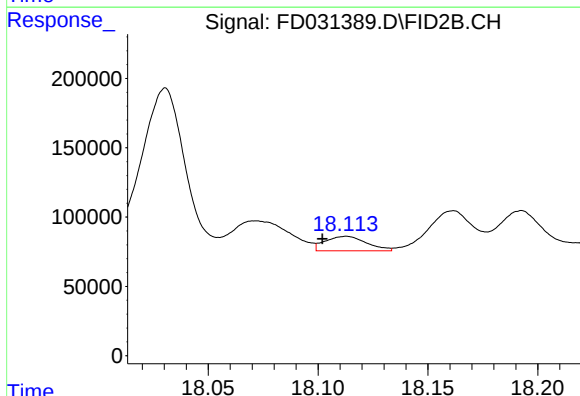
R.T.: 16.672 min
Delta R.T.: -0.025 min
Response: 2161145
Conc: 17.41 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-4



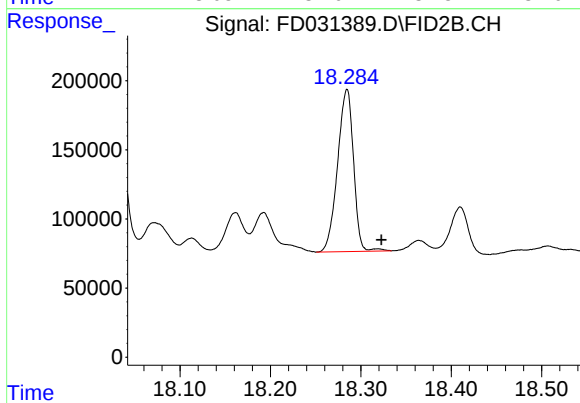
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.072 min
Delta R.T.: 0.011 min
Response: 396567
Conc: 3.26 ug/ml



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

R.T.: 18.113 min
Delta R.T.: 0.011 min
Response: 137329
Conc: 1.11 ug/ml



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

R.T.: 18.284 min
Delta R.T.: -0.038 min
Response: 1441168
Conc: 11.95 ug/ml