

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048093.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 12:22
 Operator : YP/AJ
 Sample : P3390-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 04:49:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.407	9659104	64.990 ug/ml
Spiked Amount 50.000		Recovery =	129.98%
6) S 2-Fluorobiphenyl (SURR)	8.258	6354696	67.146 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	134.29%#
11) S ortho-Terphenyl (SURR)	11.297	9539095	57.011 ug/ml
Spiked Amount 50.000		Recovery =	114.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	808922	4.831 ug/ml
2) T Naphthalene (C11.7)	5.746	875543	5.066 ug/ml
3) T 2-Methylnaphthalene (...)	6.792	893001	5.148 ug/ml
5) T Acenaphthylene (C15.06)	8.058	863733	5.040 ug/ml
7) T Acenaphthene (C15.5)	8.352	959343	5.530 ug/ml
8) T Fluorene (C16.55)	9.131	905344	5.574 ug/ml
9) T Phenanthrene (C19.36)	10.519	855832	5.389 ug/ml
10) T Anthracene (C19.43)	10.595	819644	5.191 ug/ml
12) T Fluoranthene (C21.85)	12.323	1018865	6.435 ug/ml
13) T Pyrene (C20.8)	12.617	892414	5.644 ug/ml
14) T Benzo[a]anthracene (C...	14.487	763892	5.595 ug/ml
15) T Chrysene (C27.41)	14.527	854084	5.298 ug/ml
16) T benzo[b]fluoranthene ...	16.031	790261	5.490 ug/ml
17) T Bnezo[k]fluoranthene ...	16.063	854448	5.721 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.412	752642	5.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.773	697543	6.185 ug/ml
20) T Dibenz[a,h]anthracene...	17.816	945485	6.506 ug/ml
21) T Benzo[g,h,i]perylene ...	18.022	834465	5.662 ug/ml

(f)=RT Delta > 1/2 Window

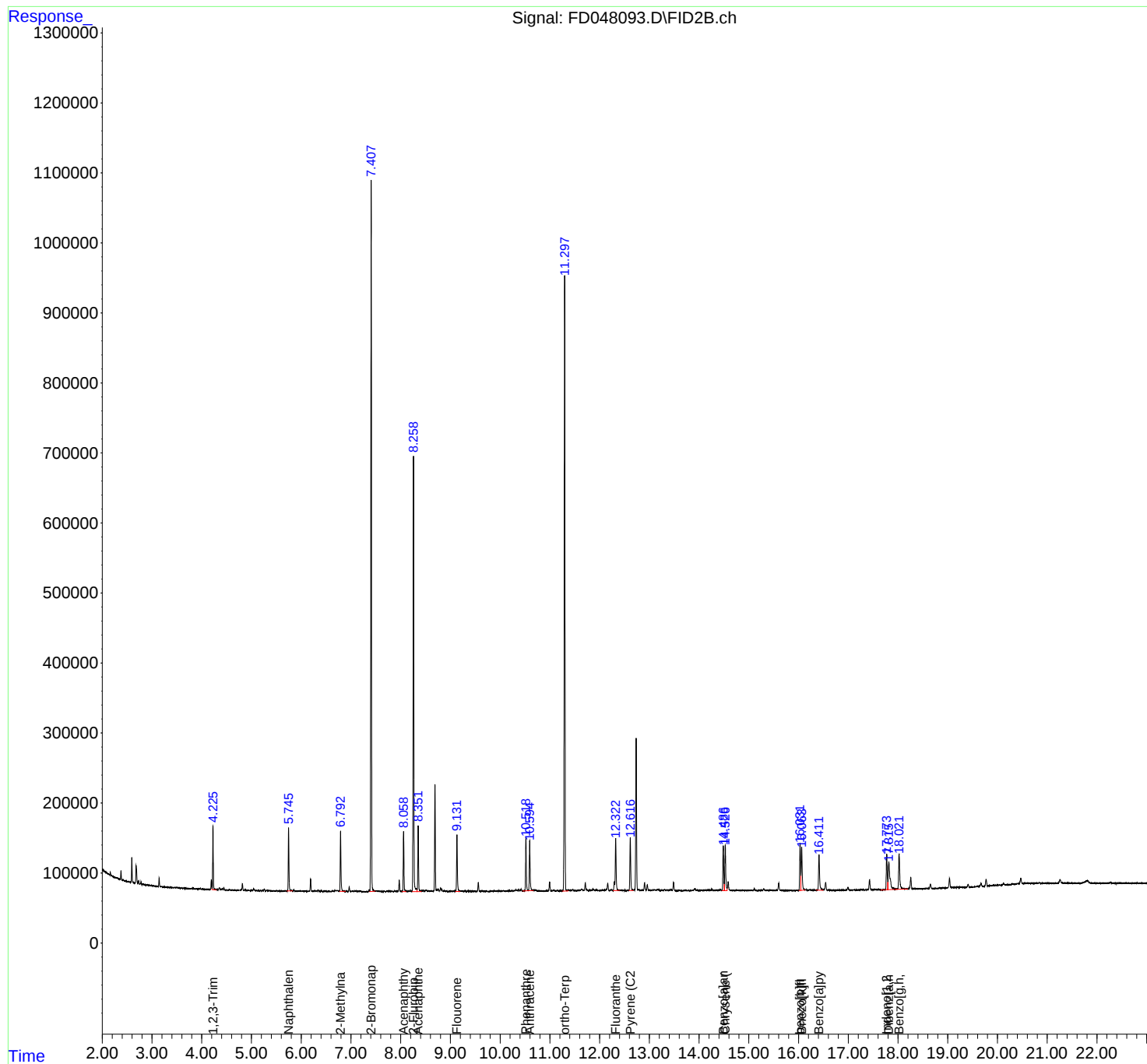
(m)=manual int.

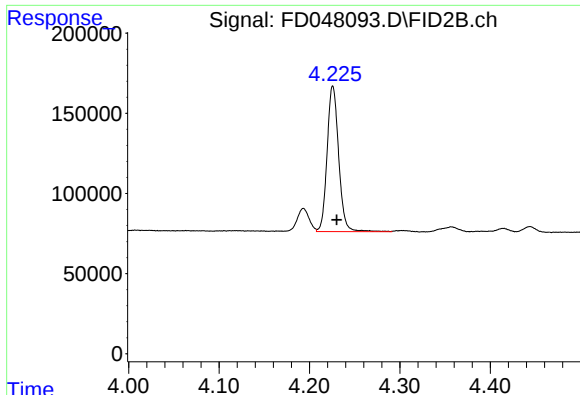
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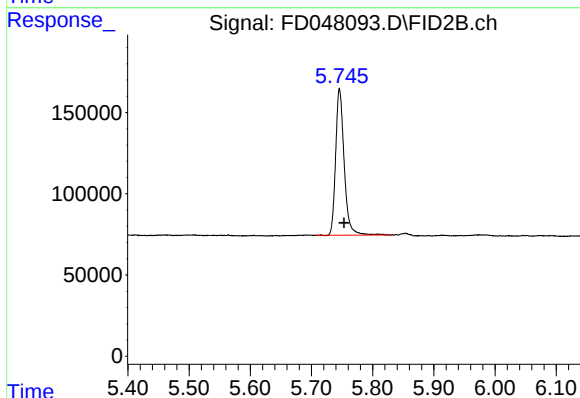




#1 1,2,3-Trimethylbenzene (C10.1)

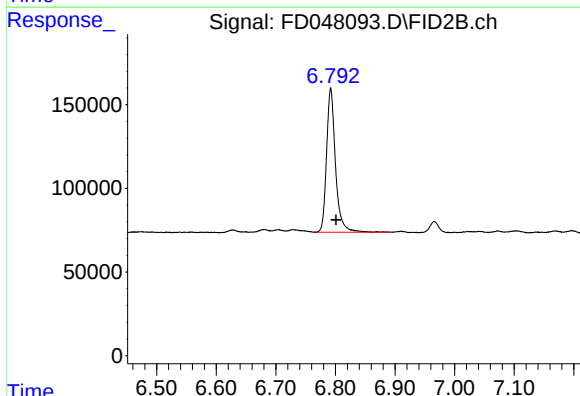
R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 808922
Conc: 4.83 ug/ml

Instrument :
FID_D
ClientSampleId :



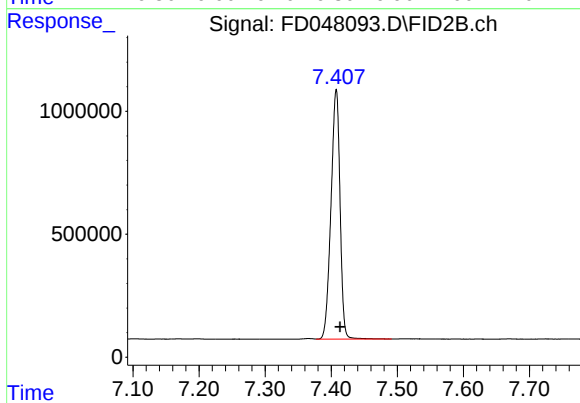
#2 Naphthalene (C11.7)

R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 875543
Conc: 5.07 ug/ml



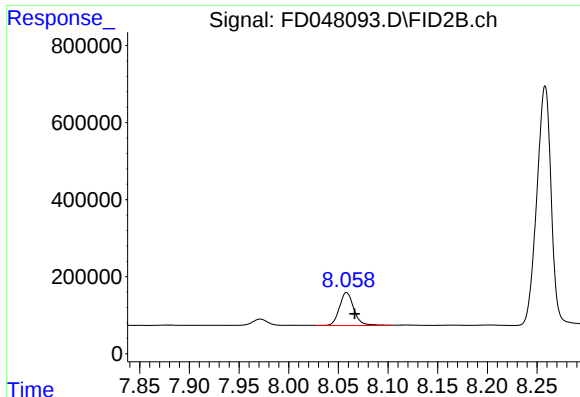
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.792 min
Delta R.T.: -0.009 min
Response: 893001
Conc: 5.15 ug/ml



#4 2-Bromonaphthalene (SURR)

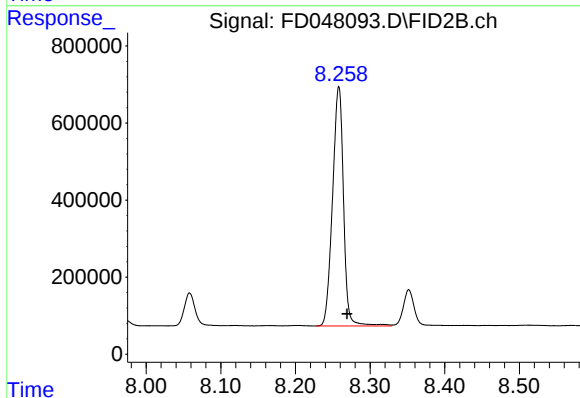
R.T.: 7.407 min
Delta R.T.: -0.006 min
Response: 9659104
Conc: 64.99 ug/ml



#5 Acenaphthylene (C15.06)

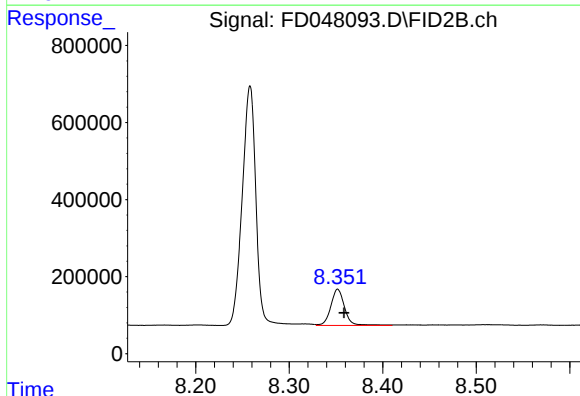
R.T.: 8.058 min
Delta R.T.: -0.008 min
Response: 863733
Conc: 5.04 ug/ml

Instrument :
FID_D
ClientSampleId :



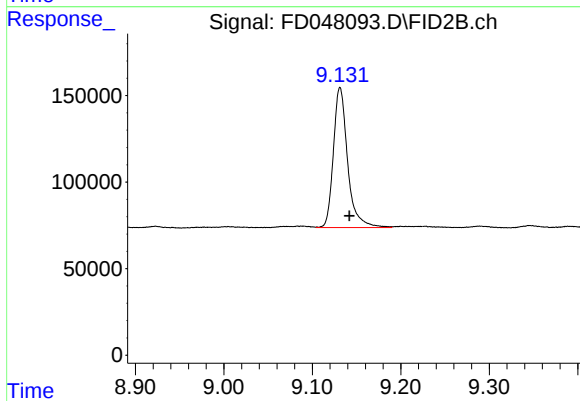
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.258 min
Delta R.T.: -0.011 min
Response: 6354696
Conc: 67.15 ug/ml



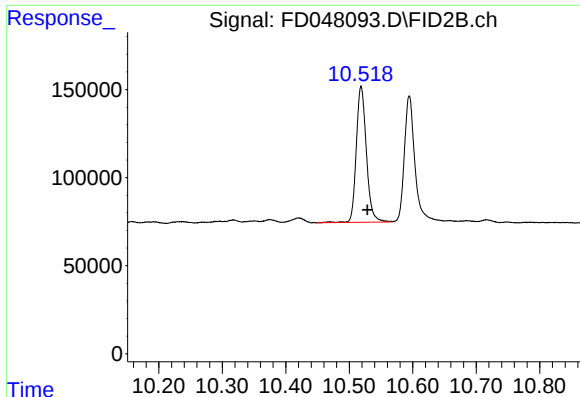
#7 Acenaphthene (C15.5)

R.T.: 8.352 min
Delta R.T.: -0.007 min
Response: 959343
Conc: 5.53 ug/ml



#8 Flouorene (C16.55)

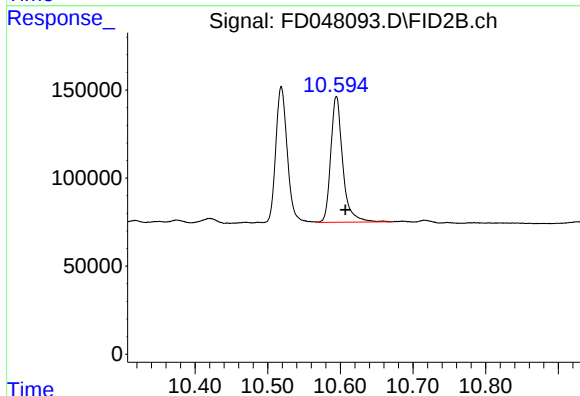
R.T.: 9.131 min
Delta R.T.: -0.010 min
Response: 905344
Conc: 5.57 ug/ml



#9 Phenanthrene (C19.36)

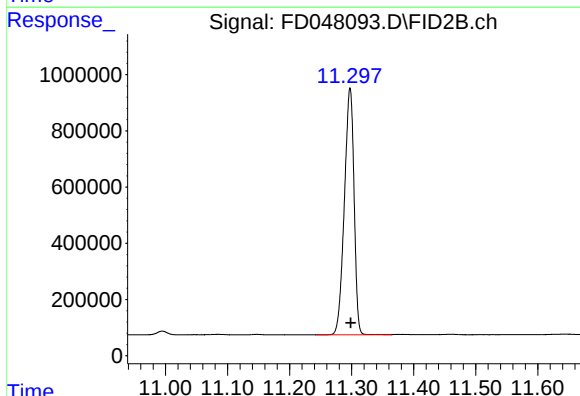
R.T.: 10.519 min
Delta R.T.: -0.010 min
Response: 855832
Conc: 5.39 ug/ml

Instrument :
FID_D
ClientSampleId :



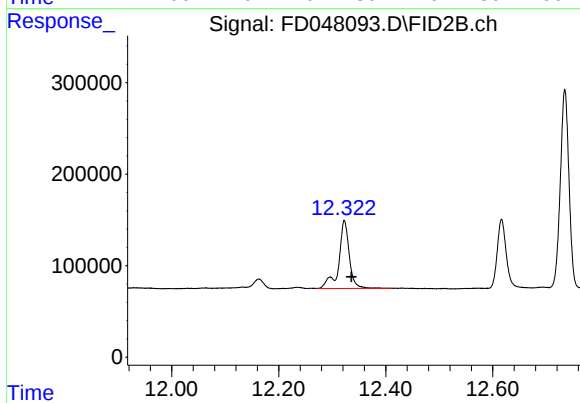
#10 Anthracene (C19.43)

R.T.: 10.595 min
Delta R.T.: -0.013 min
Response: 819644
Conc: 5.19 ug/ml



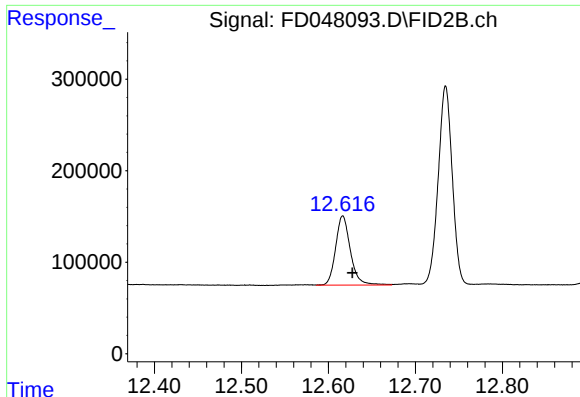
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.001 min
Response: 9539095
Conc: 57.01 ug/ml



#12 Fluoranthene (C21.85)

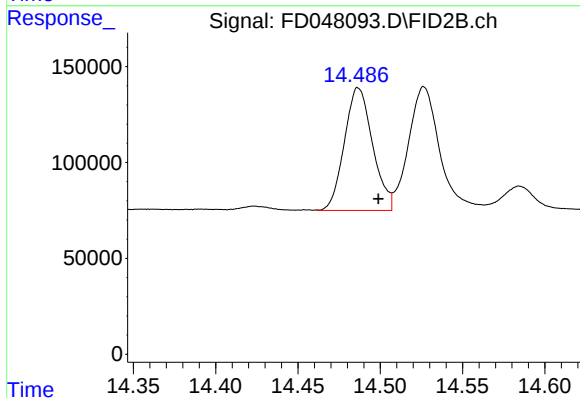
R.T.: 12.323 min
Delta R.T.: -0.013 min
Response: 1018865
Conc: 6.44 ug/ml



#13 Pyrene (C20.8)

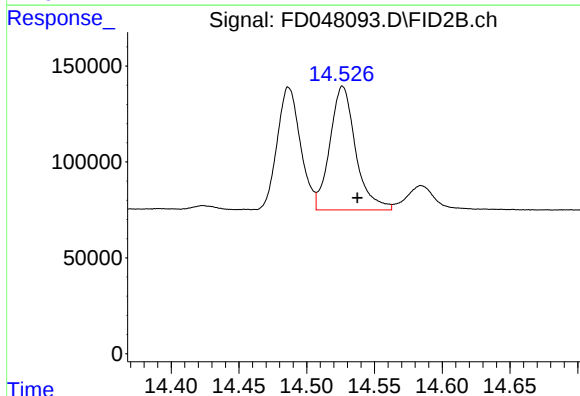
R.T.: 12.617 min
Delta R.T.: -0.011 min
Response: 892414
Conc: 5.64 ug/ml

Instrument :
FID_D
ClientSampleId :



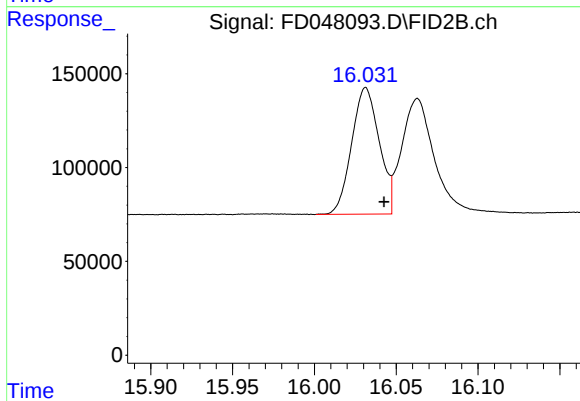
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.487 min
Delta R.T.: -0.012 min
Response: 763892
Conc: 5.60 ug/ml



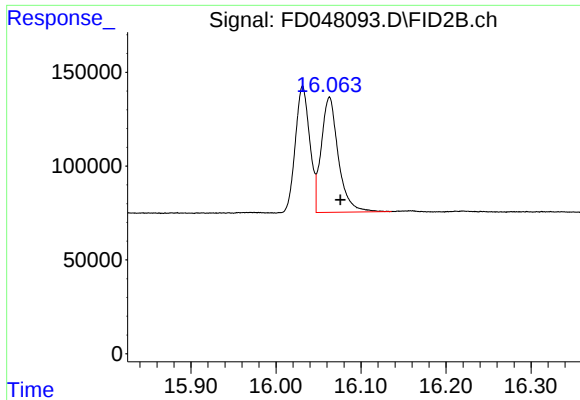
#15 Chrysene (C27.41)

R.T.: 14.527 min
Delta R.T.: -0.011 min
Response: 854084
Conc: 5.30 ug/ml



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

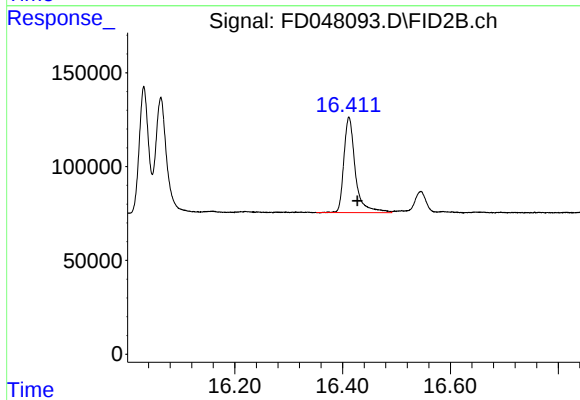
R.T.: 16.031 min
Delta R.T.: -0.011 min
Response: 790261
Conc: 5.49 ug/ml



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

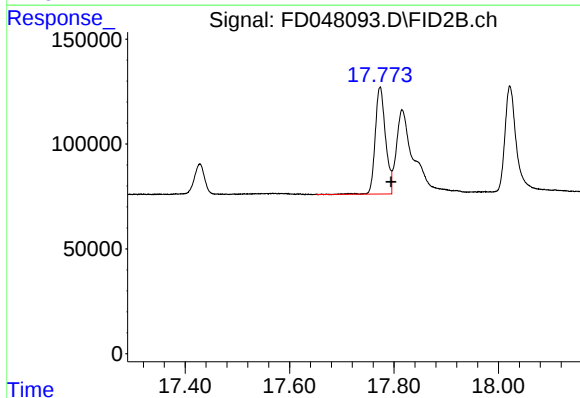
R.T.: 16.063 min
Delta R.T.: -0.013 min
Response: 854448
Conc: 5.72 ug/ml

Instrument :
FID_D
ClientSampleId :



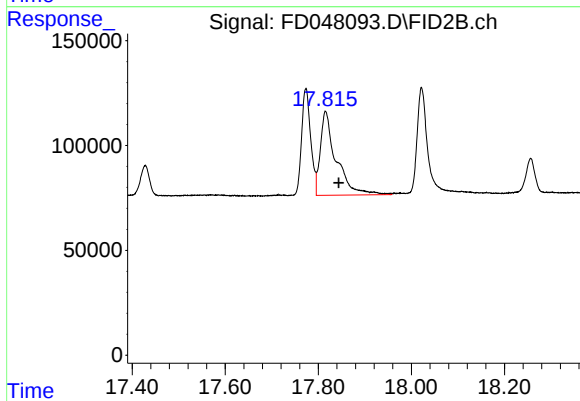
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.412 min
Delta R.T.: -0.015 min
Response: 752642
Conc: 5.31 ug/ml



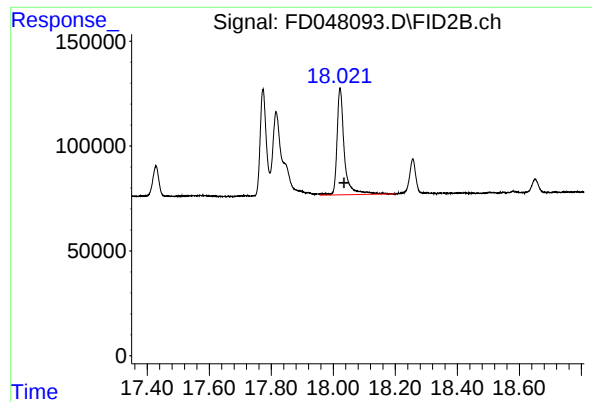
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.773 min
Delta R.T.: -0.021 min
Response: 697543
Conc: 6.18 ug/ml



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

R.T.: 17.816 min
Delta R.T.: -0.028 min
Response: 945485
Conc: 6.51 ug/ml



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

R.T.: 18.022 min
Delta R.T.: -0.013 min
Response: 834465
Conc: 5.66 ug/ml

Instrument :

FID_D

ClientSampleId :