

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051425AR\
 Data File : FD049340.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2025 14:12
 Operator : YP/AJ
 Sample : PB168001BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168001BSD

Integration File: autoint1.e
 Quant Time: May 15 03:28:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 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...	7.741	7615425	64.227 ug/ml
Spiked Amount 50.000		Recovery =	128.45%
6) S 2-Fluorobiphenyl (SURR)	8.607	5162449	65.370 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	130.74%
11) S ortho-Terphenyl (SURR)	11.652	7918211	57.370 ug/ml
Spiked Amount 50.000		Recovery =	114.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	4598729	36.832 ug/ml
2) T Naphthalene (C11.7)	6.075	5833088	44.121 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	5927905	45.952 ug/ml
5) T Acenaphthylene (C15.06)	8.410	7316077	51.826 ug/ml
7) T Acenaphthene (C15.5)	8.707	7473500	54.546 ug/ml
8) T Fluorene (C16.55)	9.489	7895579	58.007 ug/ml
9) T Phenanthrene (C19.36)	10.888	7815732	57.971 ug/ml
10) T Anthracene (C19.43)	10.963	7586896	64.149 ug/ml
12) T Fluoranthene (C21.85)	12.702	7620182	56.544 ug/ml
13) T Pyrene (C20.8)	13.001	7400329	54.706 ug/ml
14) T Benzo[a]anthracene (C...	14.872	6642179	57.988 ug/ml
15) T Chrysene (C27.41)	14.917	7277933	62.357 ug/ml
16) T benzo[b]fluoranthene ...	16.424	6378878	52.550 ug/ml
17) T Bnezo[k]fluoranthene ...	16.460	6245771	52.369 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.804	5952745	51.770 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.170	6041765	55.054 ug/ml
20) T Dibenz[a,h]anthracene...	18.209	5368306	50.829 ug/ml
21) T Benzo[g,h,i]perylene ...	18.427	5540979	46.496 ug/ml

(f)=RT Delta > 1/2 Window

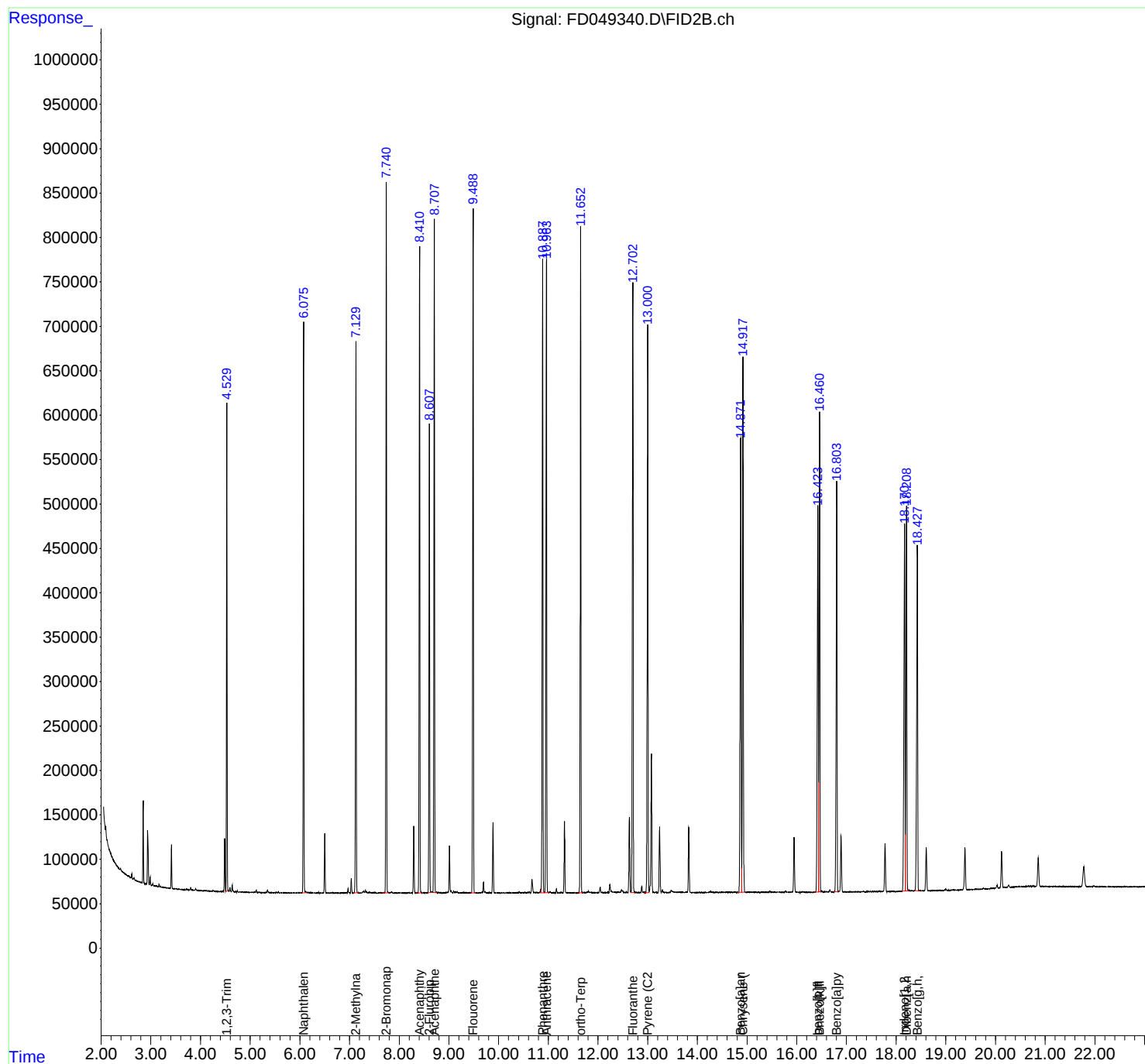
(m)=manual int.

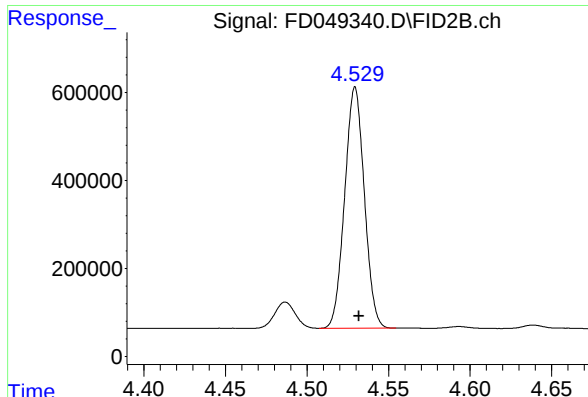
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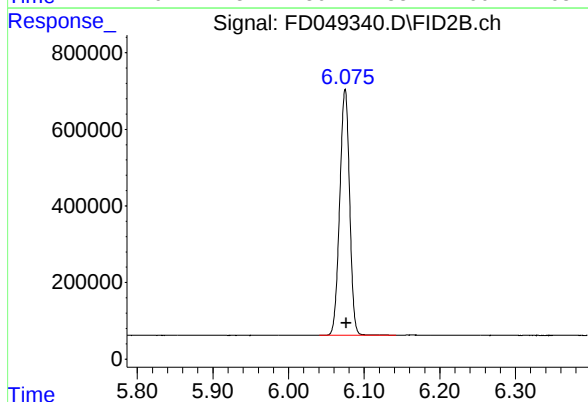




#1 1,2,3-Trimethylbenzene (C10.1)

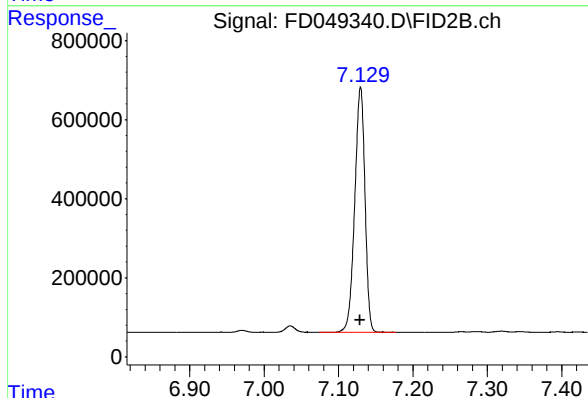
R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 4598729
Conc: 36.83 ug/ml

Instrument :
FID_D
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PB168001BSD



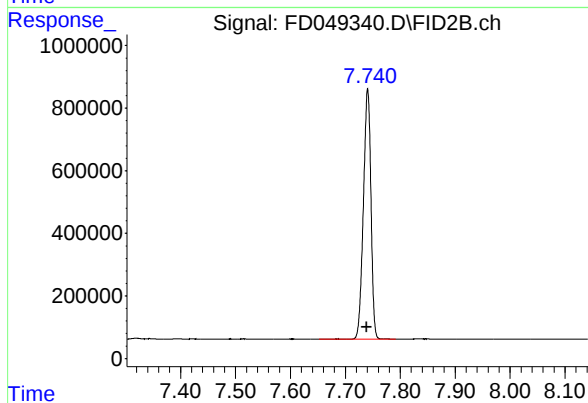
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 5833088
Conc: 44.12 ug/ml



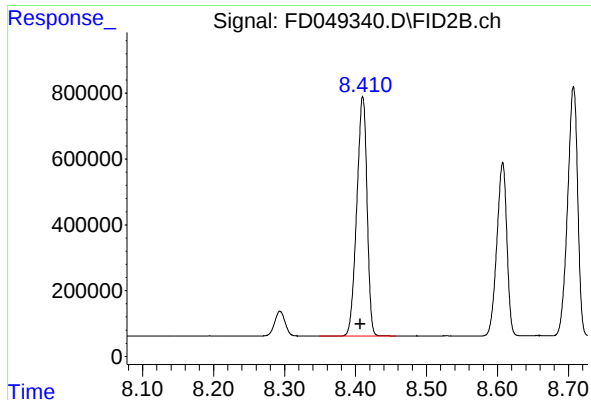
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 5927905
Conc: 45.95 ug/ml



#4 2-Bromonaphthalene (SURR)

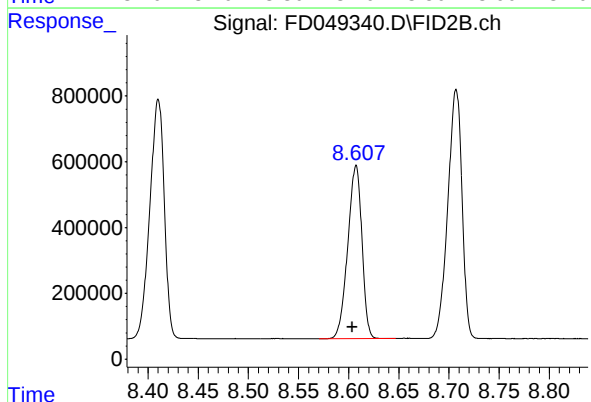
R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 7615425
Conc: 64.23 ug/ml



#5 Acenaphthylene (C15.06)

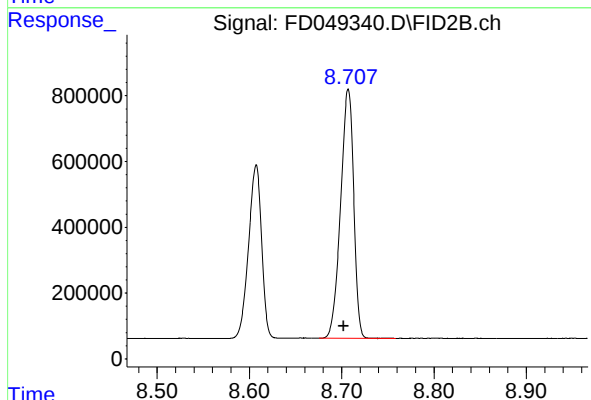
R.T.: 8.410 min
Delta R.T.: 0.003 min
Response: 7316077
Conc: 51.83 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168001BSD



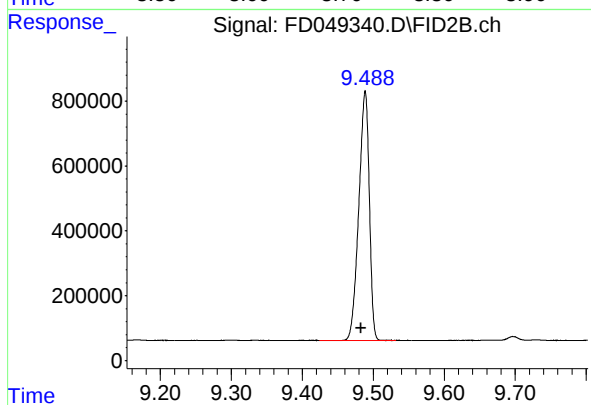
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.004 min
Response: 5162449
Conc: 65.37 ug/ml



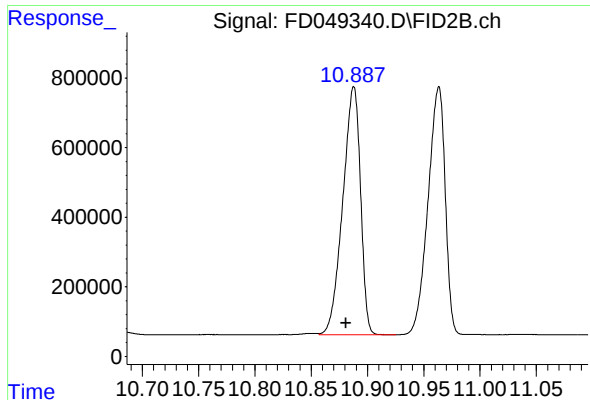
#7 Acenaphthene (C15.5)

R.T.: 8.707 min
Delta R.T.: 0.005 min
Response: 7473500
Conc: 54.55 ug/ml



#8 Fluorene (C16.55)

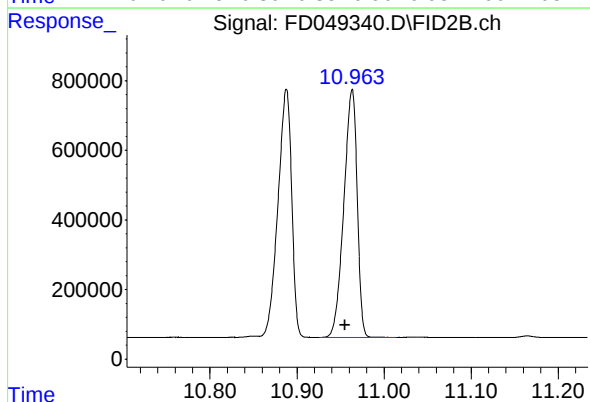
R.T.: 9.489 min
Delta R.T.: 0.006 min
Response: 7895579
Conc: 58.01 ug/ml



#9 Phenanthrene (C19.36)

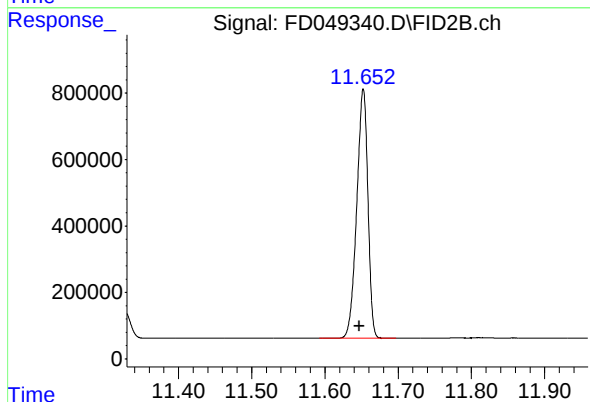
R.T.: 10.888 min
Delta R.T.: 0.007 min
Response: 7815732
Conc: 57.97 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168001BSD



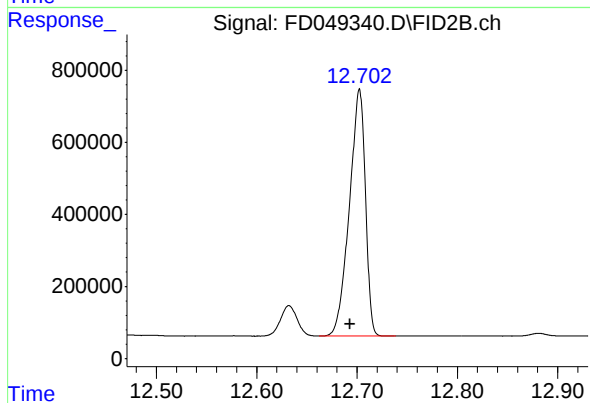
#10 Anthracene (C19.43)

R.T.: 10.963 min
Delta R.T.: 0.008 min
Response: 7586896
Conc: 64.15 ug/ml



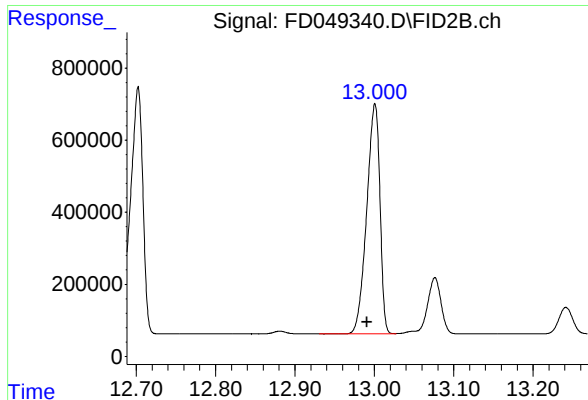
#11 ortho-Terphenyl (SURRE)

R.T.: 11.652 min
Delta R.T.: 0.005 min
Response: 7918211
Conc: 57.37 ug/ml



#12 Fluoranthene (C21.85)

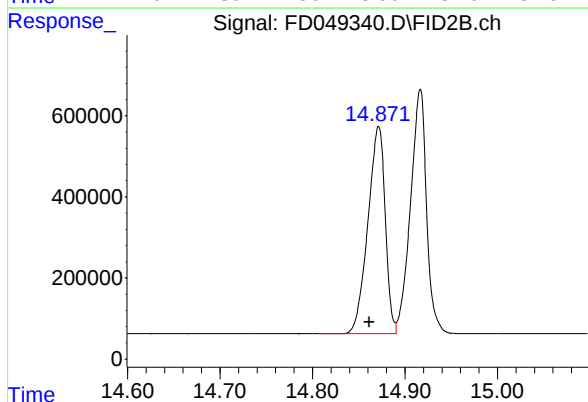
R.T.: 12.702 min
Delta R.T.: 0.009 min
Response: 7620182
Conc: 56.54 ug/ml



#13 Pyrene (C20.8)

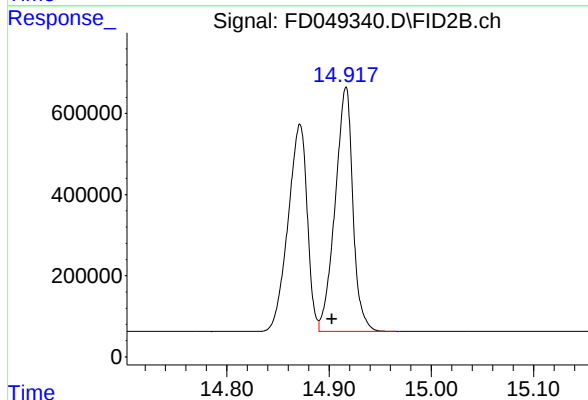
R.T.: 13.001 min
Delta R.T.: 0.010 min
Response: 7400329
Conc: 54.71 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168001BSD



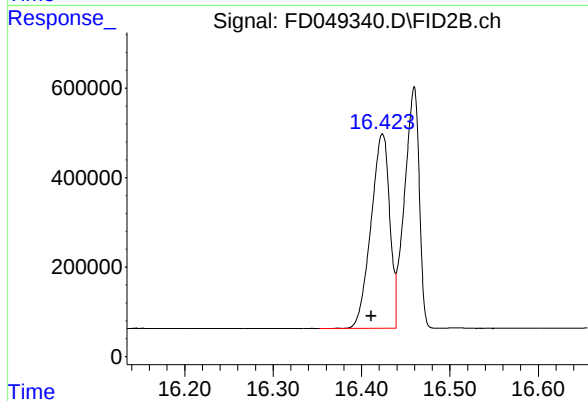
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: 0.010 min
Response: 6642179
Conc: 57.99 ug/ml



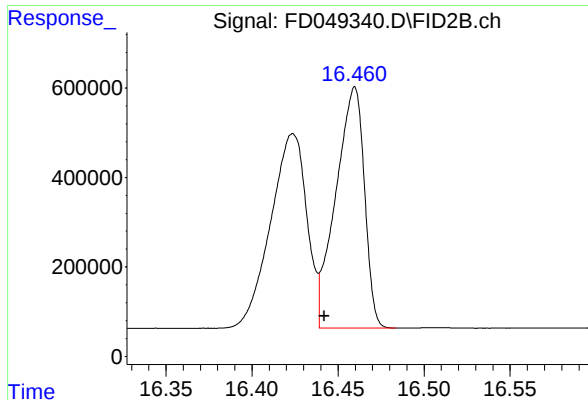
#15 Chrysene (C27.41)

R.T.: 14.917 min
Delta R.T.: 0.014 min
Response: 7277933
Conc: 62.36 ug/ml



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

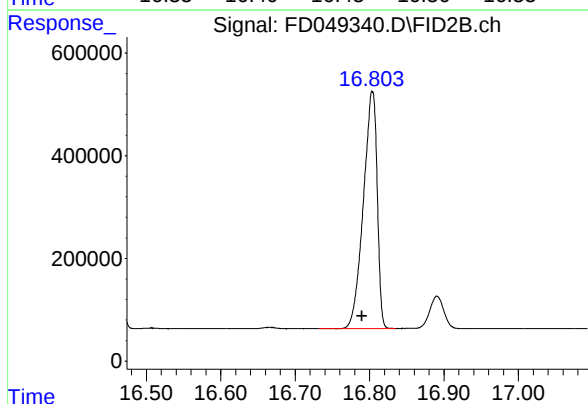
R.T.: 16.424 min
Delta R.T.: 0.013 min
Response: 6378878
Conc: 52.55 ug/ml



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

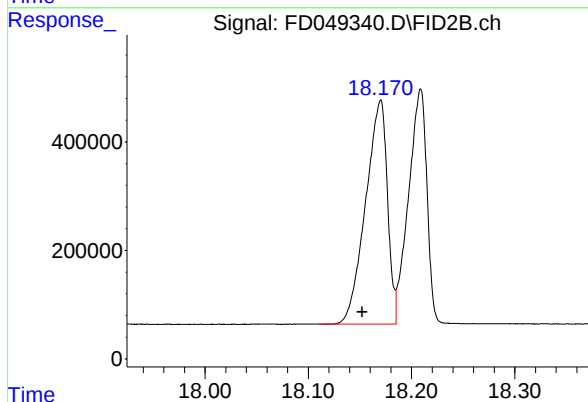
R.T.: 16.460 min
Delta R.T.: 0.018 min
Response: 6245771
Conc: 52.37 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168001BSD



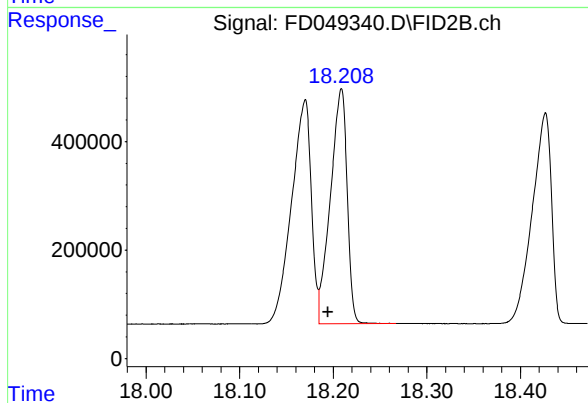
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.804 min
Delta R.T.: 0.014 min
Response: 5952745
Conc: 51.77 ug/ml



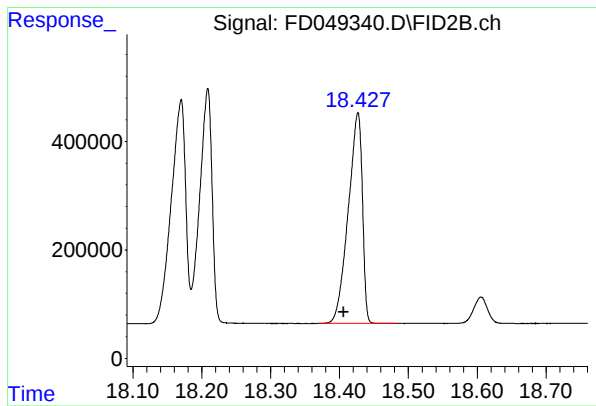
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.170 min
Delta R.T.: 0.018 min
Response: 6041765
Conc: 55.05 ug/ml



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

R.T.: 18.209 min
Delta R.T.: 0.014 min
Response: 5368306
Conc: 50.83 ug/ml



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

R.T.: 18.427 min
Delta R.T.: 0.020 min
Response: 5540979
Conc: 46.50 ug/ml

Instrument :

FID_D

ClientSampleId :

PB168001BSD