

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049360.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 22:36
 Operator : YP/AJ
 Sample : PB168080BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168080BS

Integration File: sample.E
 Quant Time: May 21 03:16:57 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...	7.740	7440974	62.756 ug/ml
Spiked Amount 50.000		Recovery =	125.51%
6) S 2-Fluorobiphenyl (SURR)	8.607	5188072	65.695 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	131.39%#
11) S ortho-Terphenyl (SURR)	11.651	7910560	57.314 ug/ml
Spiked Amount 50.000		Recovery =	114.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	4412888	35.343 ug/ml
2) T Naphthalene (C11.7)	6.074	5258089	39.772 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	5199068	40.302 ug/ml
5) T Acenaphthylene (C15.06)	8.409	6204154	43.950 ug/ml
7) T Acenaphthene (C15.5)	8.706	6298291	45.968 ug/ml
8) T Fluorene (C16.55)	9.487	6698313	49.211 ug/ml
9) T Phenanthrene (C19.36)	10.886	6875022	50.993 ug/ml
10) T Anthracene (C19.43)	10.962	6734950	56.946 ug/ml
12) T Fluoranthene (C21.85)	12.701	6853500	50.855 ug/ml
13) T Pyrene (C20.8)	13.000	6771927	50.060 ug/ml
14) T Benzo[a]anthracene (C...	14.872	6123089	53.456 ug/ml
15) T Chrysene (C27.41)	14.917	6941390	59.474 ug/ml
16) T benzo[b]fluoranthene ...	16.424	5843398	48.139 ug/ml
17) T Bnezo[k]fluoranthene ...	16.458	5817024	48.775 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.803	5571825	48.457 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.170	5779923	52.668 ug/ml
20) T Dibenz[a,h]anthracene...	18.209	5423343	51.350 ug/ml
21) T Benzo[g,h,i]perylene ...	18.427	5395063	45.272 ug/ml

(f)=RT Delta > 1/2 Window

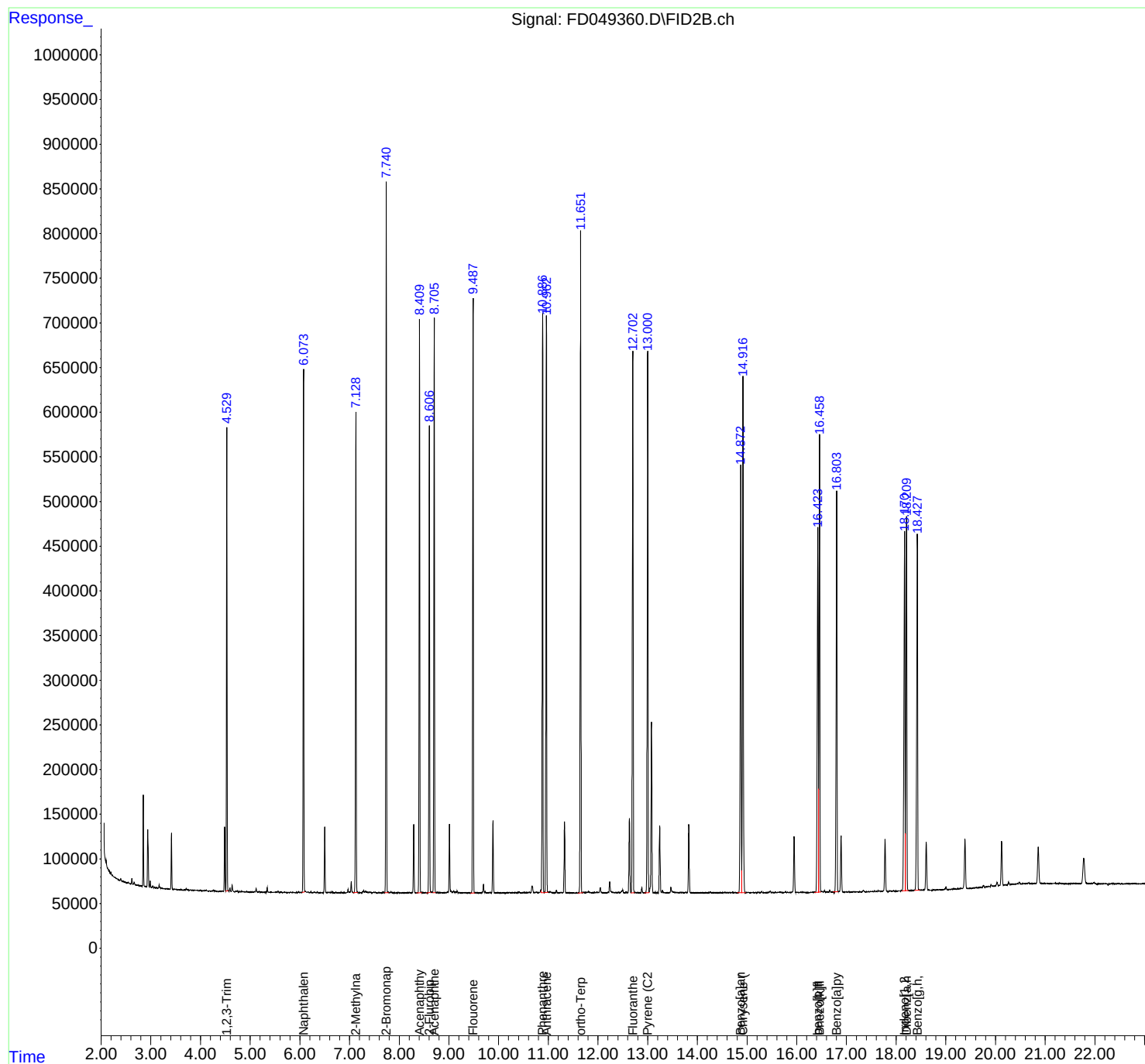
(m)=manual int.

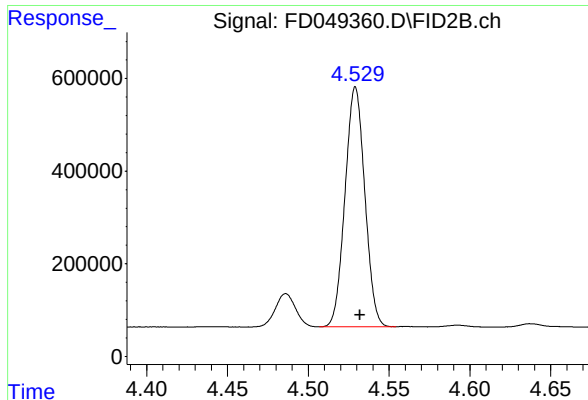
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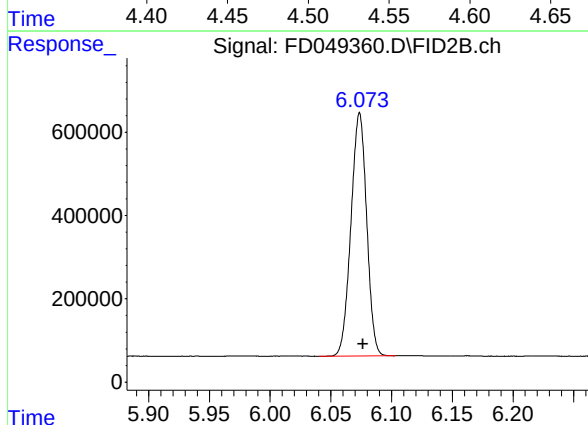




#1 1,2,3-Trimethylbenzene (C10.1)

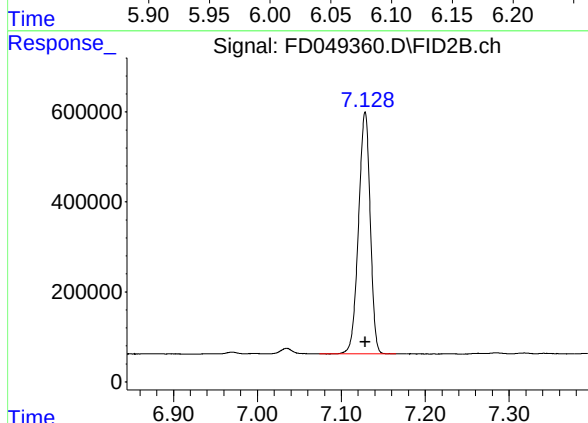
R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 4412888
Conc: 35.34 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168080BS



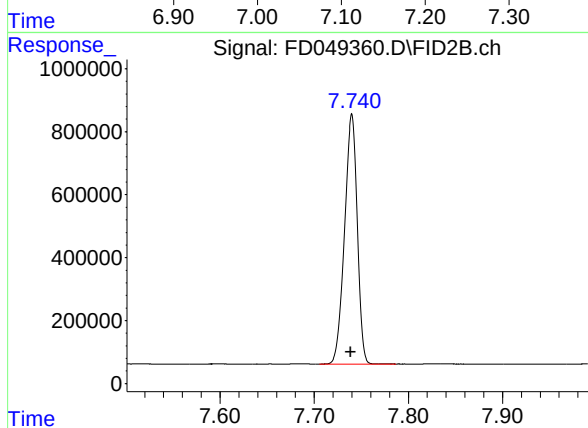
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 5258089
Conc: 39.77 ug/ml



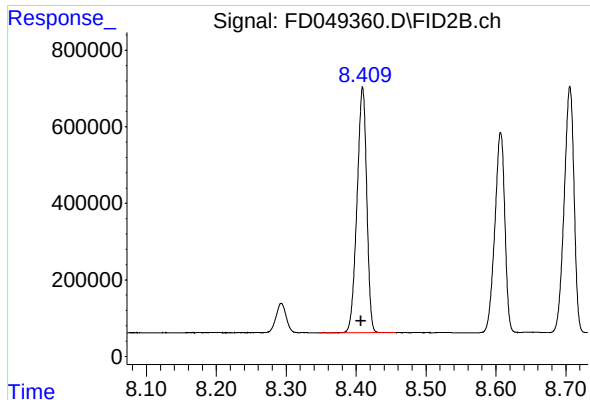
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 5199068
Conc: 40.30 ug/ml



#4 2-Bromonaphthalene (SURR)

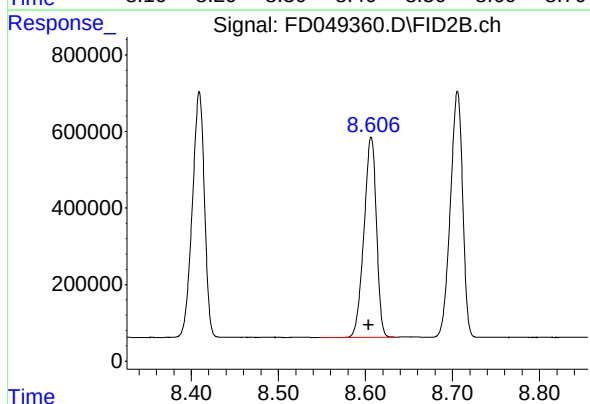
R.T.: 7.740 min
Delta R.T.: 0.001 min
Response: 7440974
Conc: 62.76 ug/ml



#5 Acenaphthylene (C15.06)

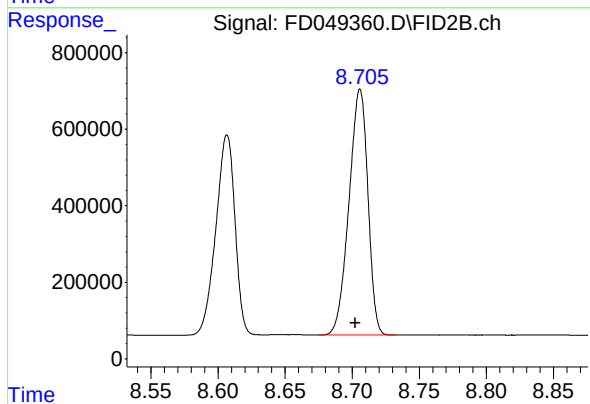
R.T.: 8.409 min
Delta R.T.: 0.002 min
Response: 6204154
Conc: 43.95 ug/ml

Instrument :
FID_D
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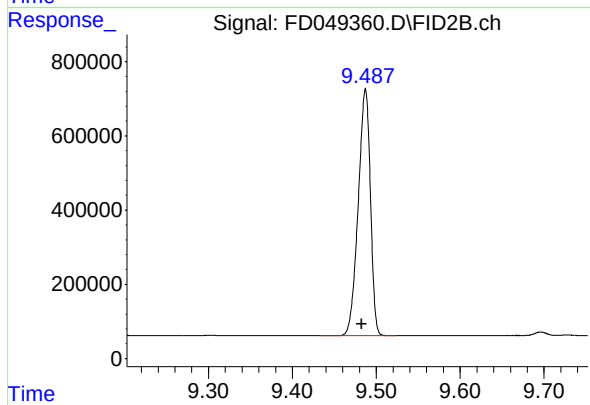
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.003 min
Response: 5188072
Conc: 65.69 ug/ml



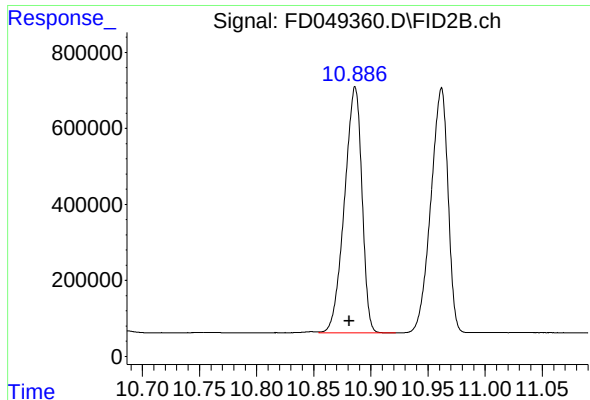
#7 Acenaphthene (C15.5)

R.T.: 8.706 min
Delta R.T.: 0.004 min
Response: 6298291
Conc: 45.97 ug/ml



#8 Flouorene (C16.55)

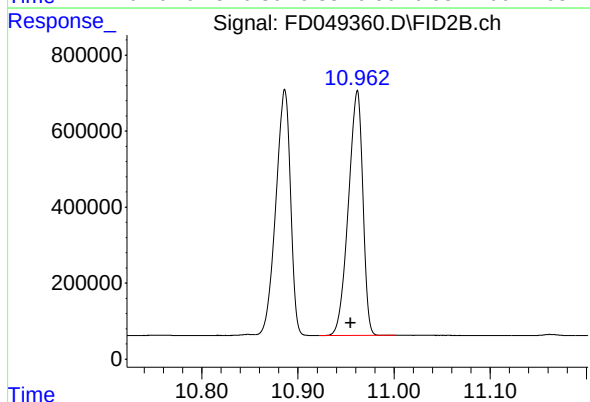
R.T.: 9.487 min
Delta R.T.: 0.004 min
Response: 6698313
Conc: 49.21 ug/ml



#9 Phenanthrene (C19.36)

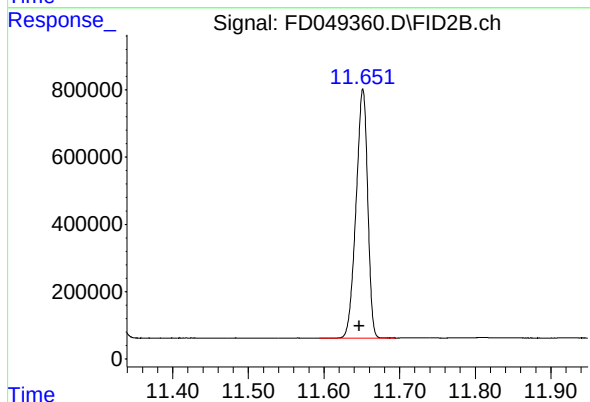
R.T.: 10.886 min
Delta R.T.: 0.005 min
Response: 6875022
Conc: 50.99 ug/ml

Instrument :
FID_D
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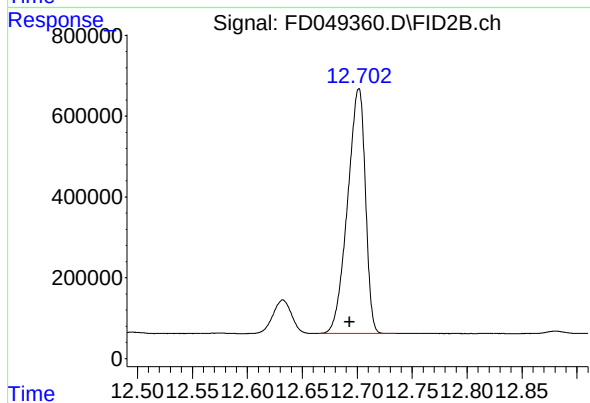
#10 Anthracene (C19.43)

R.T.: 10.962 min
Delta R.T.: 0.007 min
Response: 6734950
Conc: 56.95 ug/ml



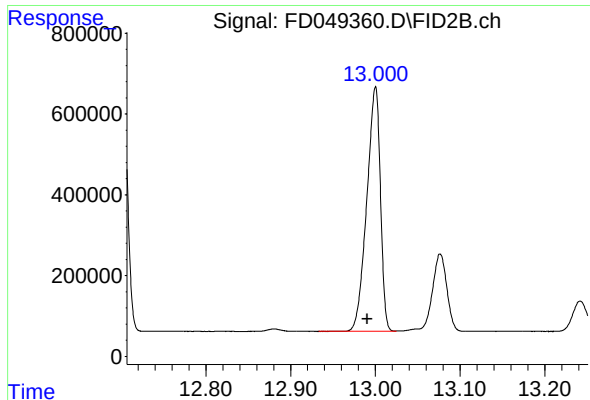
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 7910560
Conc: 57.31 ug/ml



#12 Fluoranthene (C21.85)

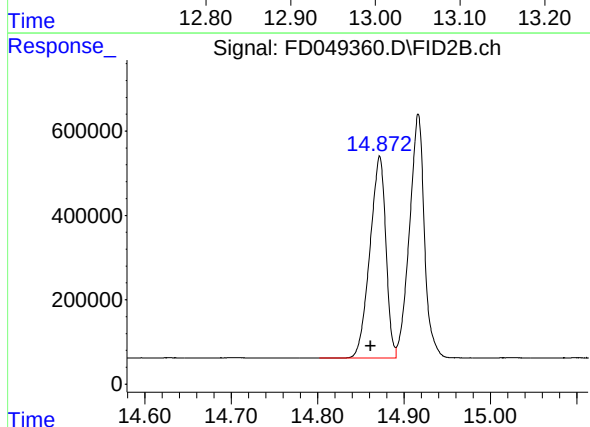
R.T.: 12.701 min
Delta R.T.: 0.008 min
Response: 6853500
Conc: 50.86 ug/ml



#13 Pyrene (C20.8)

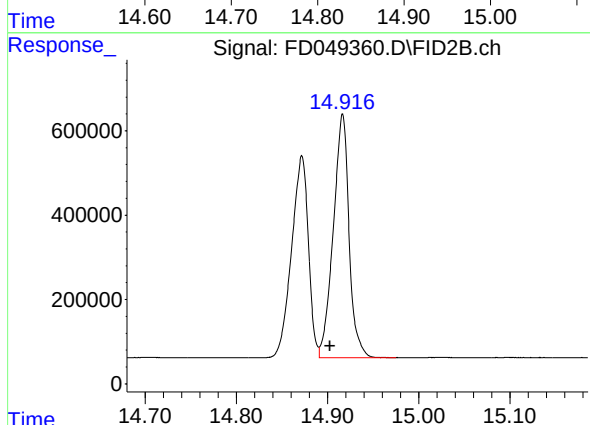
R.T.: 13.000 min
Delta R.T.: 0.009 min
Response: 6771927
Conc: 50.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168080BS



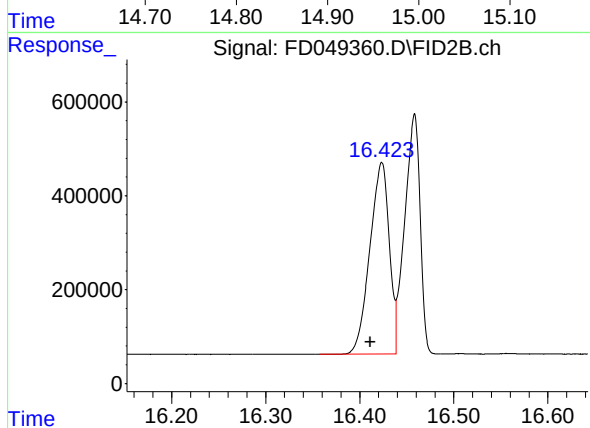
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: 0.011 min
Response: 6123089
Conc: 53.46 ug/ml



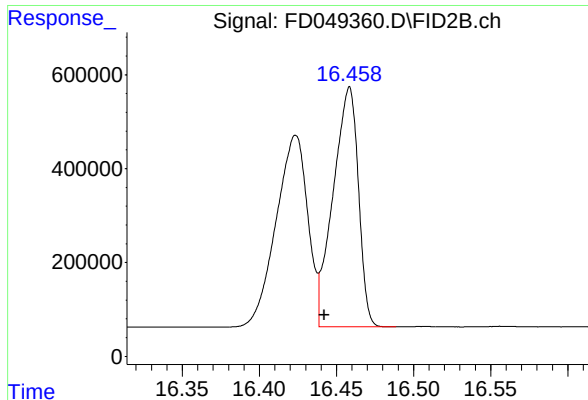
#15 Chrysene (C27.41)

R.T.: 14.917 min
Delta R.T.: 0.014 min
Response: 6941390
Conc: 59.47 ug/ml



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

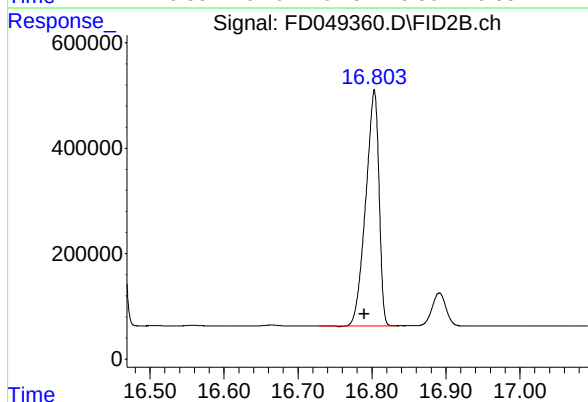
R.T.: 16.424 min
Delta R.T.: 0.012 min
Response: 5843398
Conc: 48.14 ug/ml



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

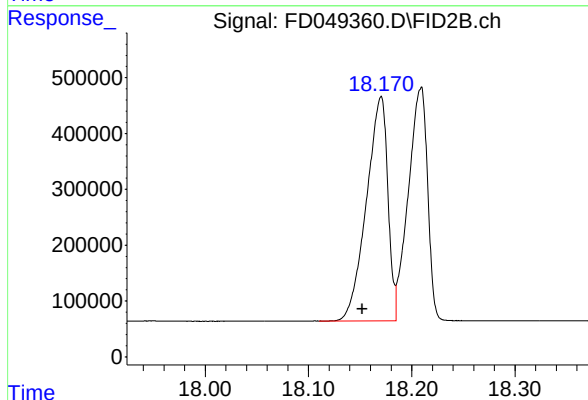
R.T.: 16.458 min
Delta R.T.: 0.016 min
Response: 5817024
Conc: 48.77 ug/ml

Instrument :
FID_D
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PB168080BS



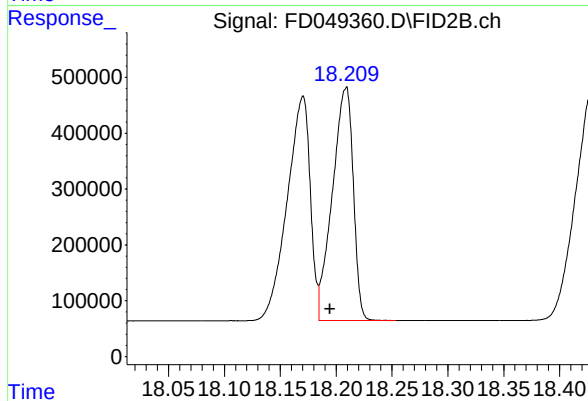
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.803 min
Delta R.T.: 0.014 min
Response: 5571825
Conc: 48.46 ug/ml



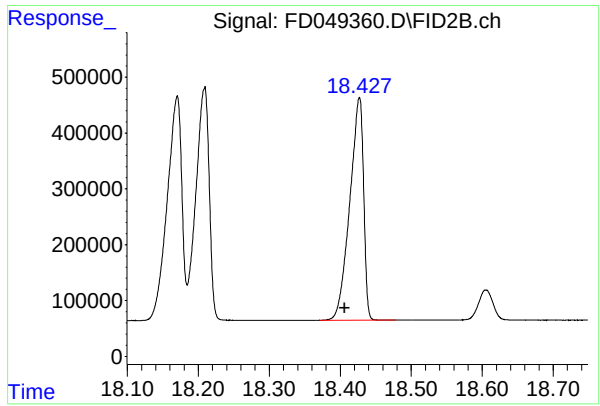
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.170 min
Delta R.T.: 0.018 min
Response: 5779923
Conc: 52.67 ug/ml



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

R.T.: 18.209 min
Delta R.T.: 0.014 min
Response: 5423343
Conc: 51.35 ug/ml



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

R.T.: 18.427 min
Delta R.T.: 0.020 min
Response: 5395063
Conc: 45.27 ug/ml

Instrument :

FID_D

ClientSampleId :

PB168080BS