

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052225AR\
 Data File : FD049382.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2025 21:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 04:34:22 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...	7.736	2701318	22.782 ug/ml
Spiked Amount 50.000		Recovery =	45.56%
6) S 2-Fluorobiphenyl (SURR)	8.602	1845758	23.372 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.74%
11) S ortho-Terphenyl (SURR)	11.648	3231473	23.413 ug/ml
Spiked Amount 50.000		Recovery =	46.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2627101	21.041 ug/ml
2) T Naphthalene (C11.7)	6.073	2878781	21.775 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2908524	22.546 ug/ml
5) T Acenaphthylene (C15.06)	8.406	3110332	22.033 ug/ml
7) T Acenaphthene (C15.5)	8.701	3086984	22.531 ug/ml
8) T Fluorene (C16.55)	9.483	3150247	23.144 ug/ml
9) T Phenanthrene (C19.36)	10.882	3044116	22.579 ug/ml
10) T Anthracene (C19.43)	10.956	2309578	19.528 ug/ml
12) T Fluoranthene (C21.85)	12.695	2966924	22.016 ug/ml
13) T Pyrene (C20.8)	12.994	2922842	21.607 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2472729	21.587 ug/ml
15) T Chrysene (C27.41)	14.908	2548248	21.833 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2521188	20.770 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2447200	20.519 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2224467	19.346 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2162459	19.705 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2631049	24.912 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2317097	19.444 ug/ml

(f)=RT Delta > 1/2 Window

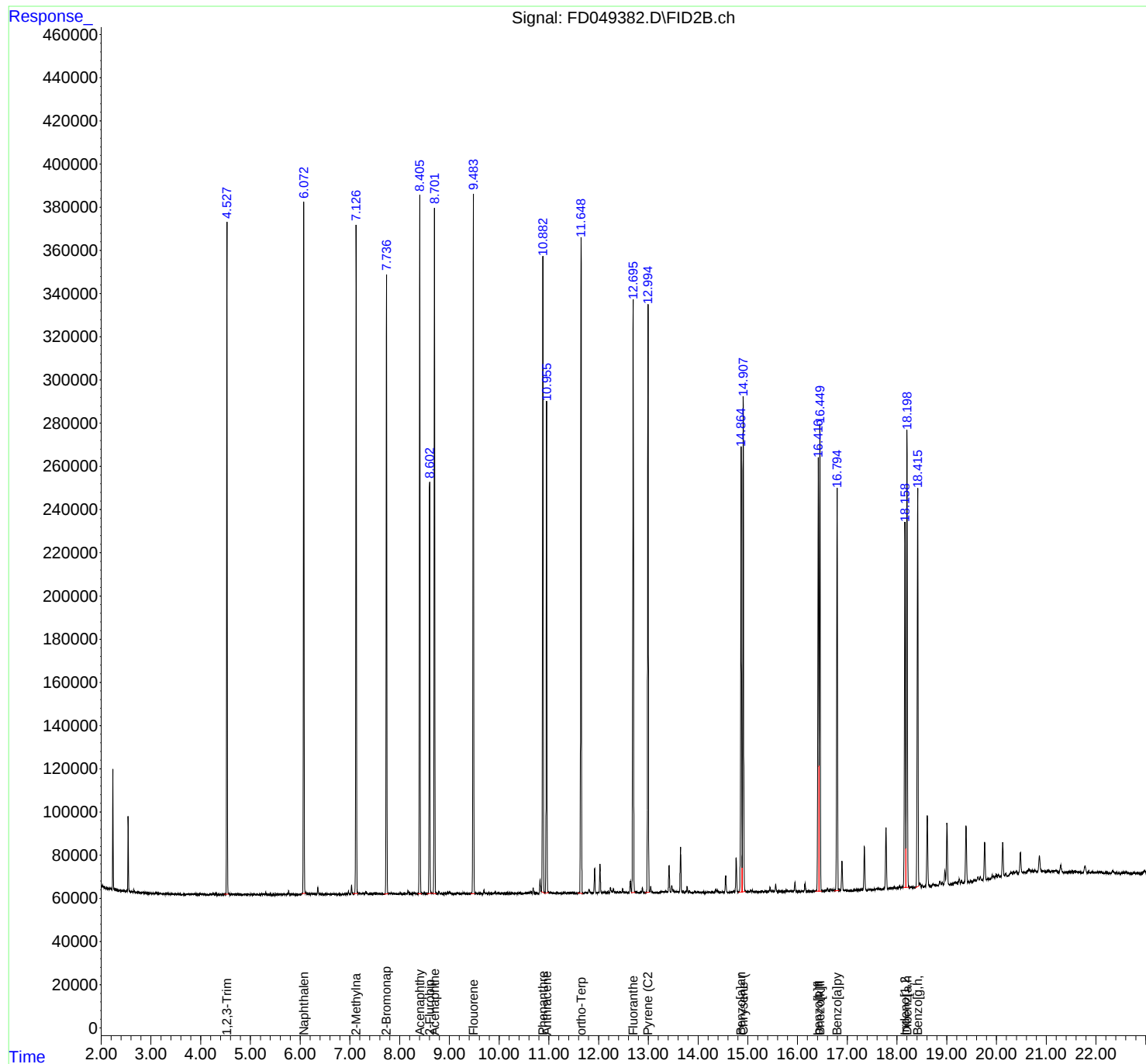
(m)=manual int.

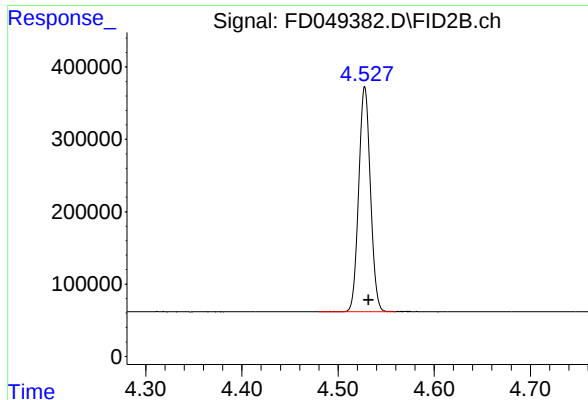
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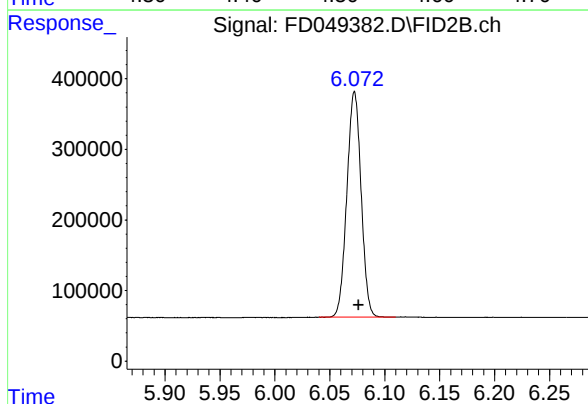




#1 1,2,3-Trimethylbenzene (C10.1)

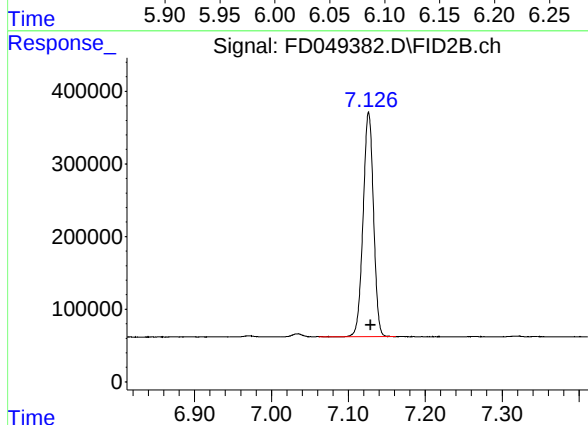
R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 2627101
Conc: 21.04 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



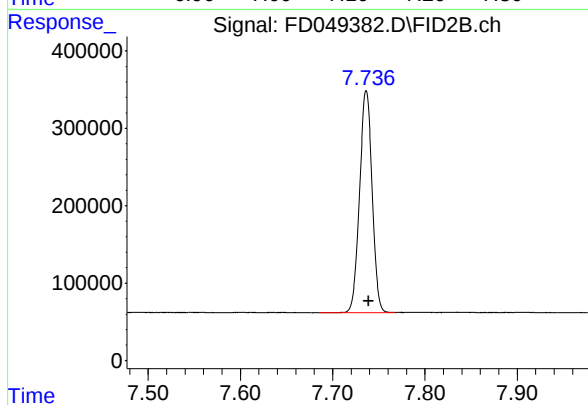
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 2878781
Conc: 21.78 ug/ml



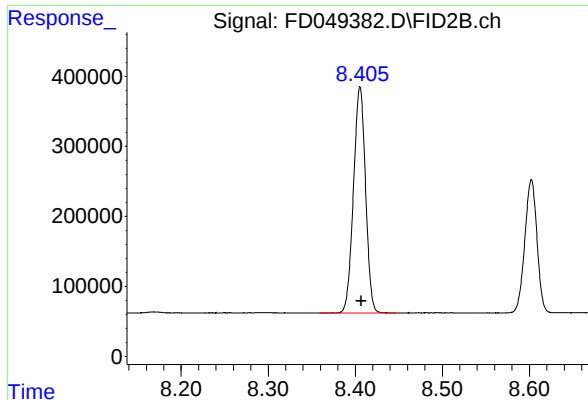
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 2908524
Conc: 22.55 ug/ml



#4 2-Bromonaphthalene (SURR)

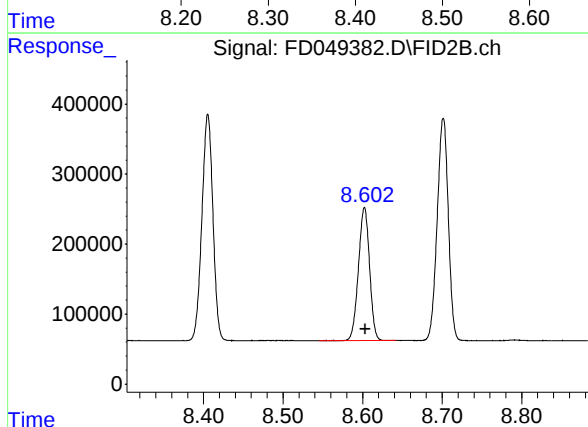
R.T.: 7.736 min
Delta R.T.: -0.002 min
Response: 2701318
Conc: 22.78 ug/ml



#5 Acenaphthylene (C15.06)

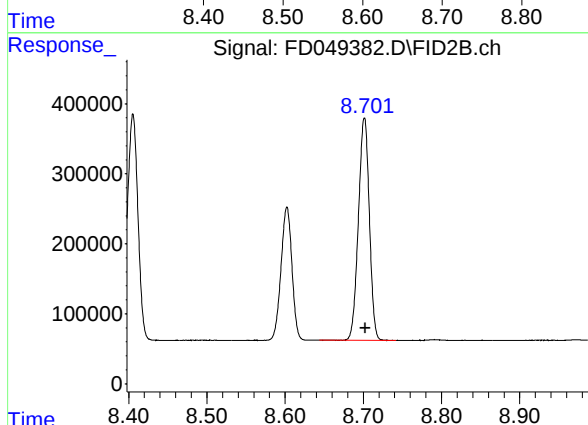
R.T.: 8.406 min
Delta R.T.: -0.002 min
Response: 3110332
Conc: 22.03 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



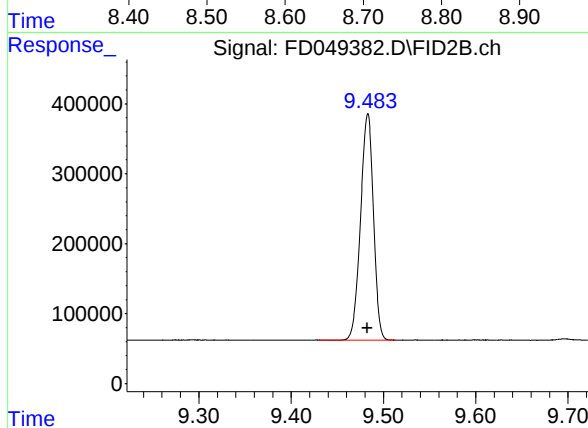
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: -0.001 min
Response: 1845758
Conc: 23.37 ug/ml



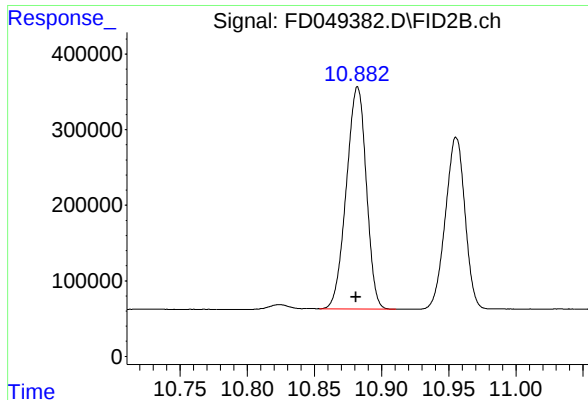
#7 Acenaphthene (C15.5)

R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 3086984
Conc: 22.53 ug/ml



#8 Flouorene (C16.55)

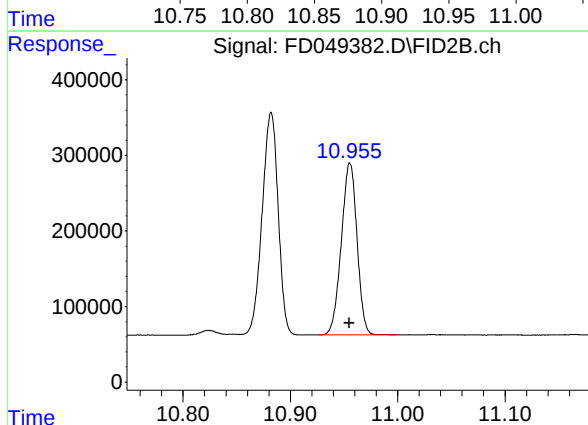
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 3150247
Conc: 23.14 ug/ml



#9 Phenanthrene (C19.36)

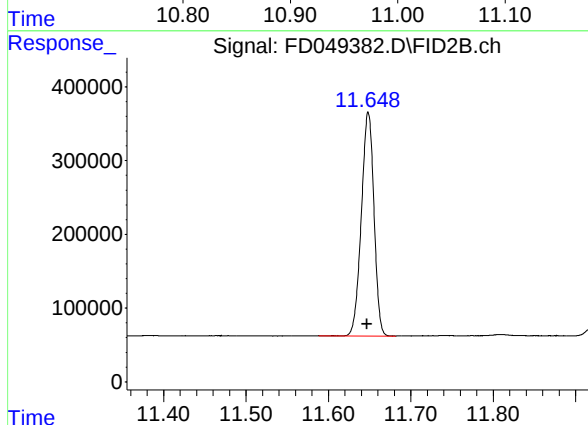
R.T.: 10.882 min
Delta R.T.: 0.001 min
Response: 3044116
Conc: 22.58 ug/ml

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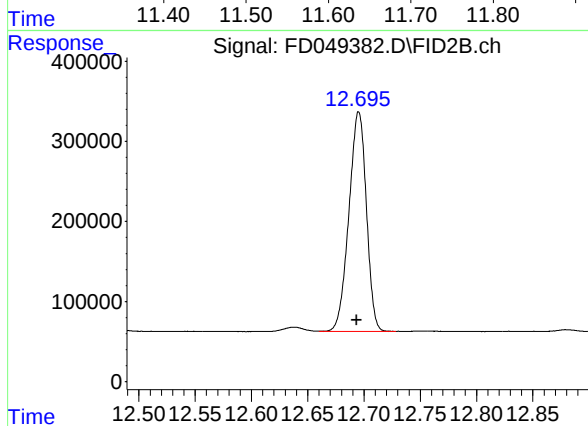
#10 Anthracene (C19.43)

R.T.: 10.956 min
Delta R.T.: 0.000 min
Response: 2309578
Conc: 19.53 ug/ml



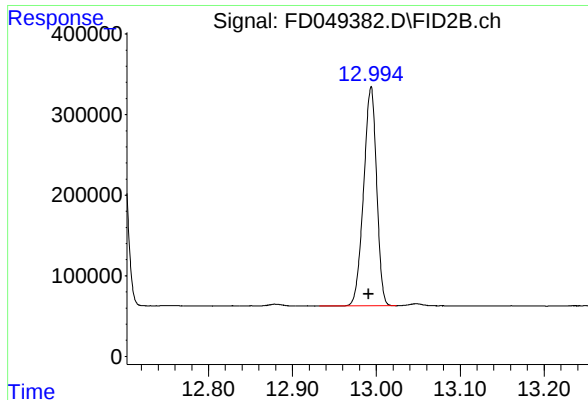
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.001 min
Response: 3231473
Conc: 23.41 ug/ml



#12 Fluoranthene (C21.85)

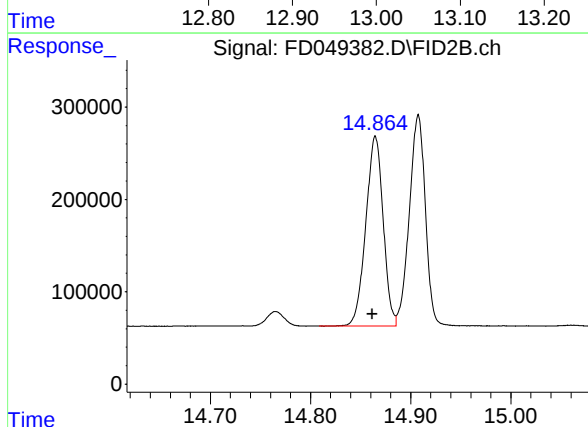
R.T.: 12.695 min
Delta R.T.: 0.002 min
Response: 2966924
Conc: 22.02 ug/ml



#13 Pyrene (C20.8)

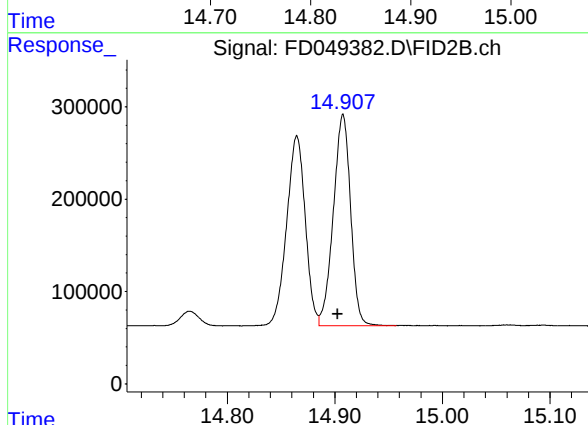
R.T.: 12.994 min
Delta R.T.: 0.003 min
Response: 2922842
Conc: 21.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



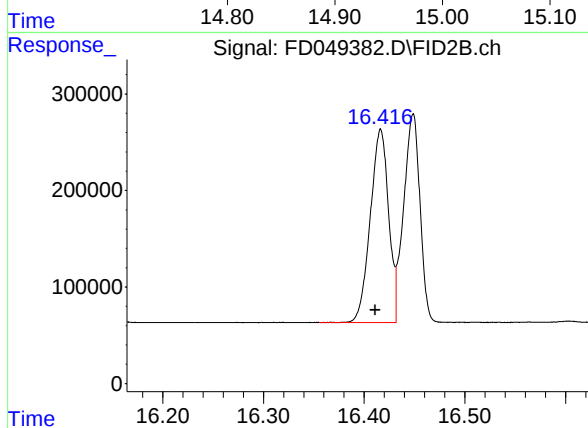
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.003 min
Response: 2472729
Conc: 21.59 ug/ml



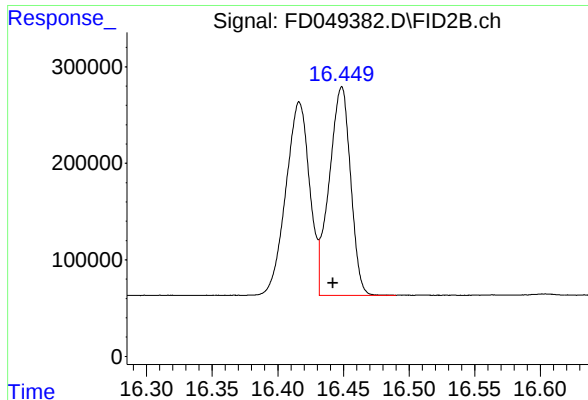
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.005 min
Response: 2548248
Conc: 21.83 ug/ml



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

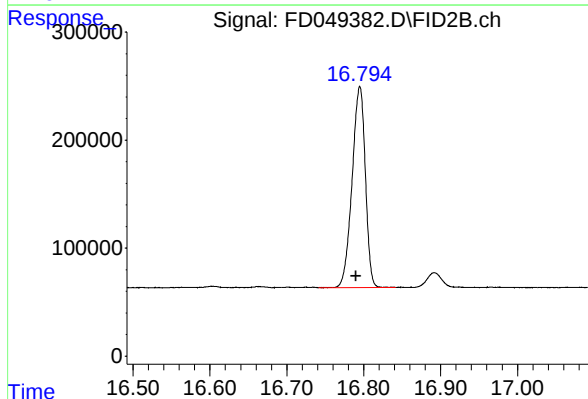
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 2521188
Conc: 20.77 ug/ml



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

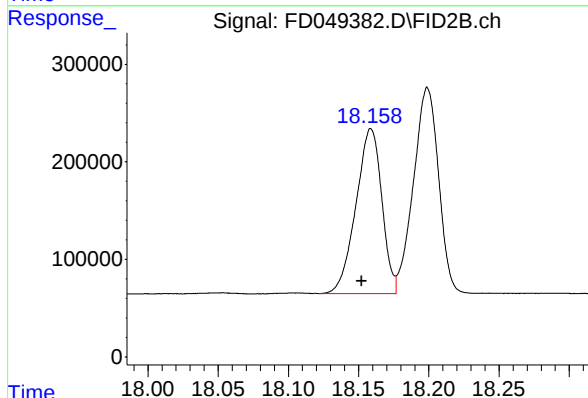
R.T.: 16.449 min
Delta R.T.: 0.007 min
Response: 2447200
Conc: 20.52 ug/ml

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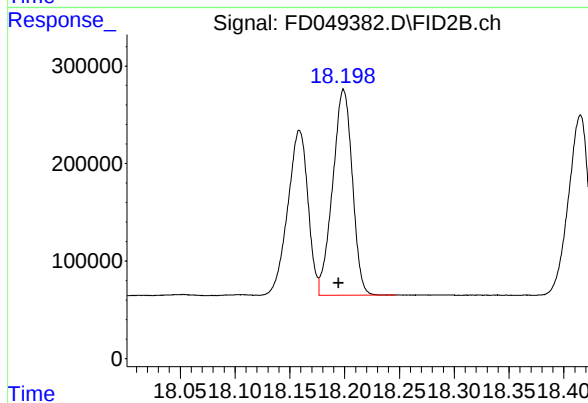
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.005 min
Response: 2224467
Conc: 19.35 ug/ml



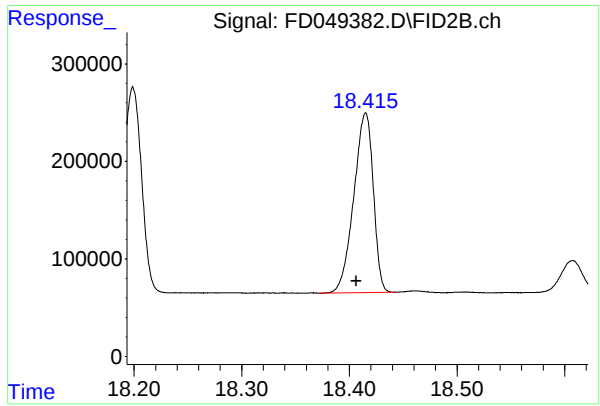
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.007 min
Response: 2162459
Conc: 19.70 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.005 min
Response: 2631049
Conc: 24.91 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.009 min
Response: 2317097
Conc: 19.44 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD