

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049828.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 08:40
 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: sample.E
 Quant Time: Oct 09 06:26:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.701	2410723	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
6) S 2-Fluorobiphenyl (SURR)	8.566	1716678	20.220 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.44%
11) S ortho-Terphenyl (SURR)	11.612	3048956	20.424 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2256679	19.858 ug/ml
2) T Naphthalene (C11.7)	6.037	2654842	20.122 ug/ml
3) T 2-Methylnaphthalene (...)	7.091	2792908	20.185 ug/ml
5) T Acenaphthylene (C15.06)	8.369	2948164	20.179 ug/ml
7) T Acenaphthene (C15.5)	8.665	2963955	20.355 ug/ml
8) T Flouorene (C16.55)	9.446	2952333	20.216 ug/ml
9) T Phenanthrene (C19.36)	10.844	2912014	19.921 ug/ml
10) T Anthracene (C19.43)	10.919	2630194	19.355 ug/ml
12) T Fluoranthene (C21.85)	12.658	2815660	19.764 ug/ml
13) T Pyrene (C20.8)	12.956	2777904	19.761 ug/ml
14) T Benzo[a]anthracene (C...	14.827	2409974	19.162 ug/ml
15) T Chrysene (C27.41)	14.869	2498320	19.447 ug/ml
16) T benzo[b]fluoranthene ...	16.378	2427694	19.489 ug/ml
17) T Bnezo[k]fluoranthene ...	16.410	2279803	19.408 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.757	2316738	19.090 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.120	2184632	19.429 ug/ml
20) T Dibenz[a,h]anthracene...	18.160	2299228	18.806 ug/ml
21) T Benzo[g,h,i]perylene ...	18.375	2394820	20.023 ug/ml

(f)=RT Delta > 1/2 Window

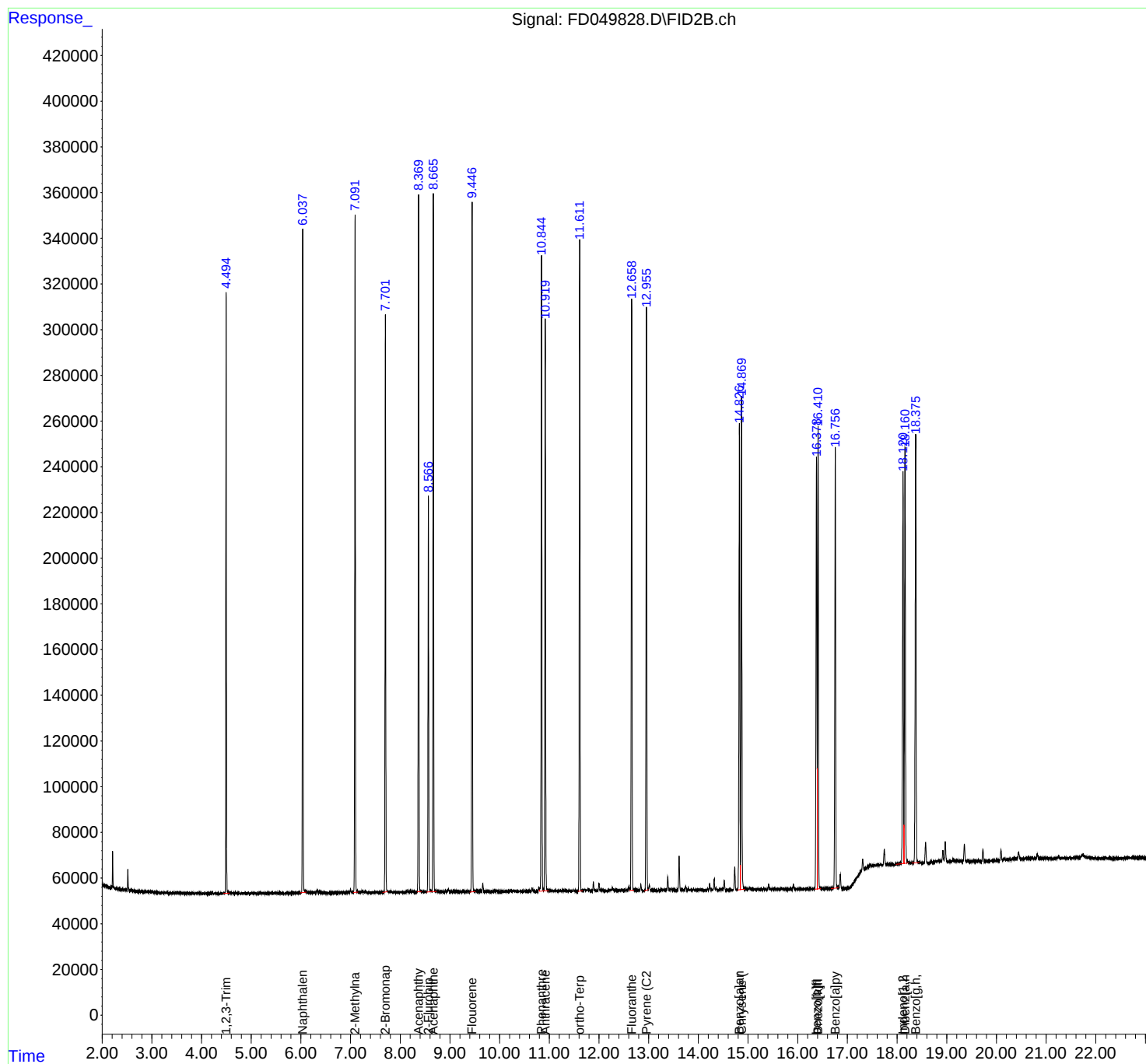
(m)=manual int.

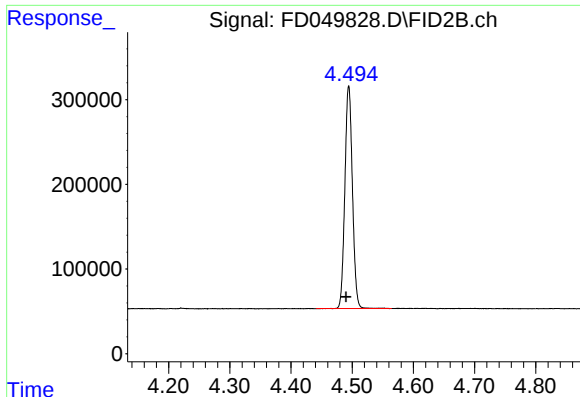
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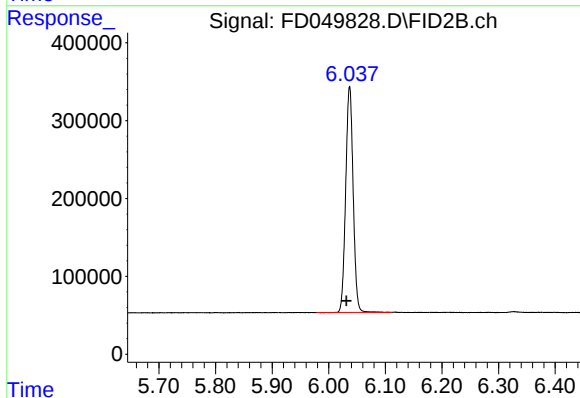




#1 1,2,3-Trimethylbenzene (C10.1)

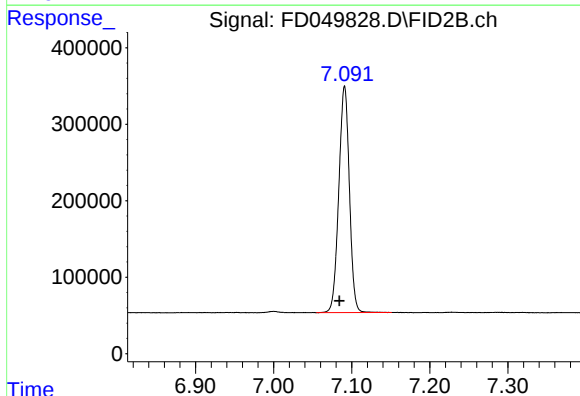
R.T.: 4.494 min
Delta R.T.: 0.004 min
Response: 2256679
Conc: 19.86 ug/ml

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20 PPM AROMATIC HC STD



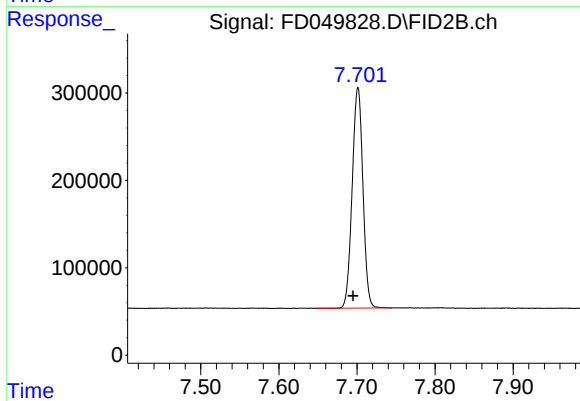
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: 0.006 min
Response: 2654842
Conc: 20.12 ug/ml



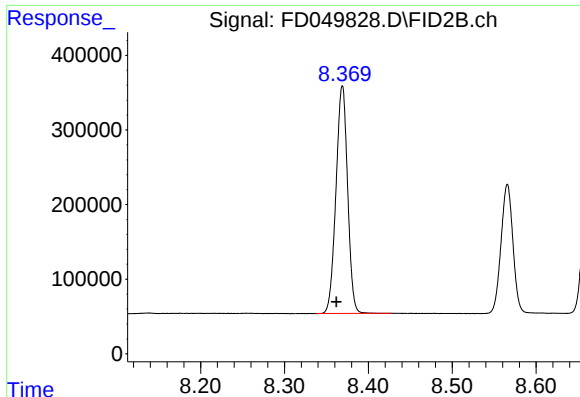
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.091 min
Delta R.T.: 0.007 min
Response: 2792908
Conc: 20.19 ug/ml



#4 2-Bromonaphthalene (SURR)

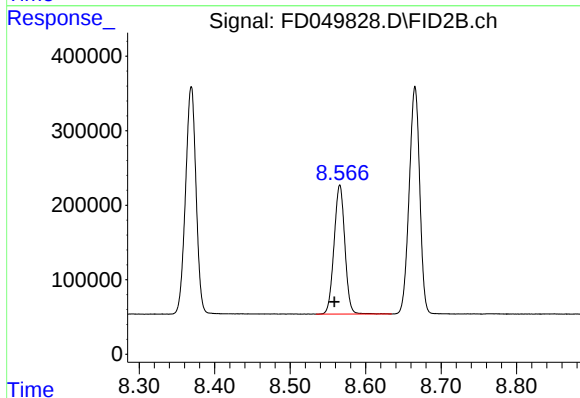
R.T.: 7.701 min
Delta R.T.: 0.006 min
Response: 2410723
Conc: 20.29 ug/ml



#5 Acenaphthylene (C15.06)

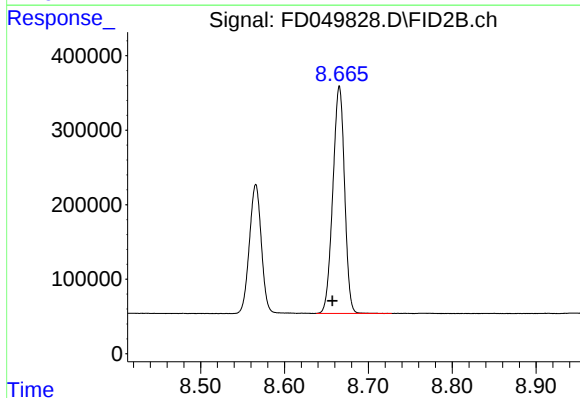
R.T.: 8.369 min
Delta R.T.: 0.007 min
Response: 2948164
Conc: 20.18 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



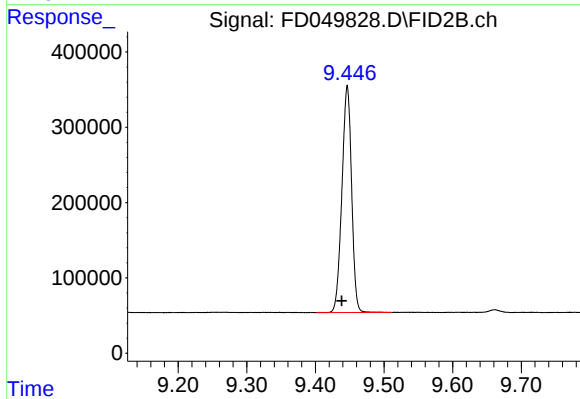
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.566 min
Delta R.T.: 0.007 min
Response: 1716678
Conc: 20.22 ug/ml



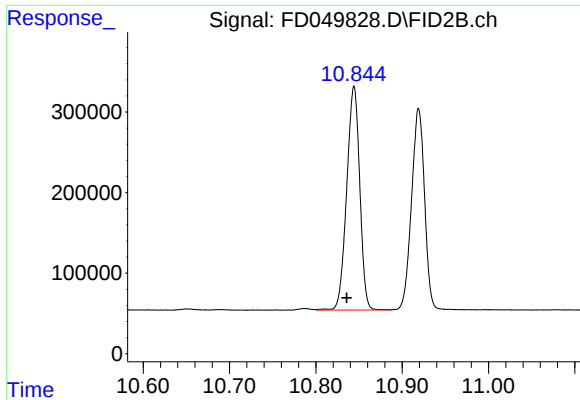
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.008 min
Response: 2963955
Conc: 20.36 ug/ml



#8 Fluorene (C16.55)

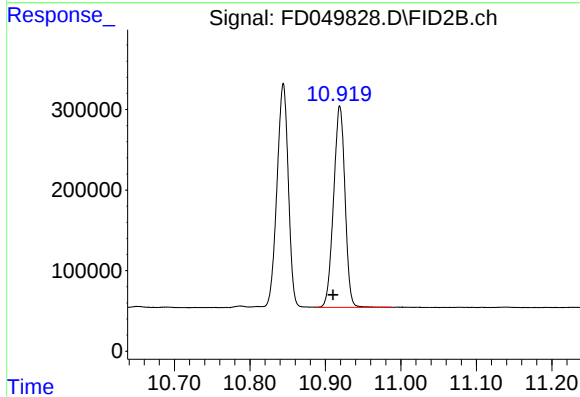
R.T.: 9.446 min
Delta R.T.: 0.008 min
Response: 2952333
Conc: 20.22 ug/ml



#9 Phenanthrene (C19.36)

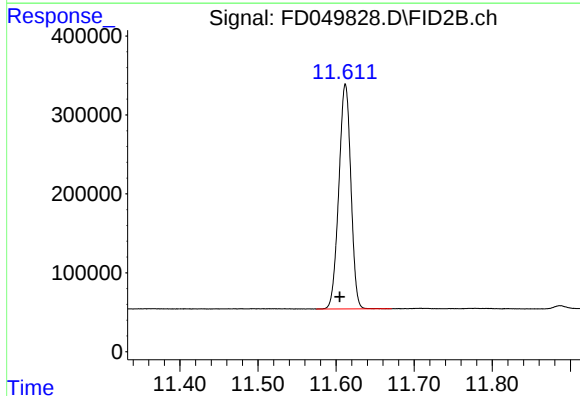
R.T.: 10.844 min
Delta R.T.: 0.008 min
Response: 2912014
Conc: 19.92 ug/ml

Instrument :
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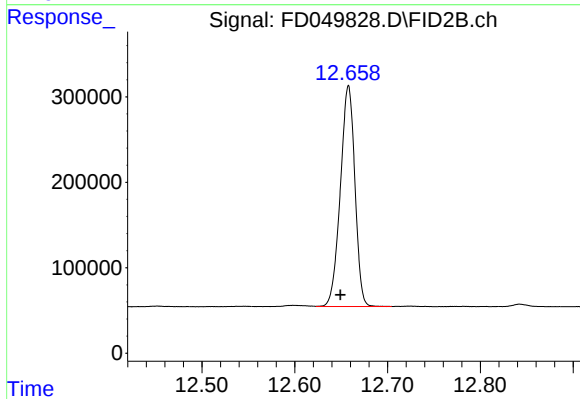
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.009 min
Response: 2630194
Conc: 19.35 ug/ml



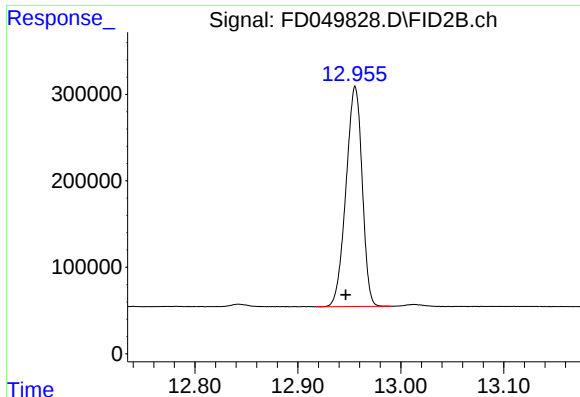
#11 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: 0.007 min
Response: 3048956
Conc: 20.42 ug/ml



#12 Fluoranthene (C21.85)

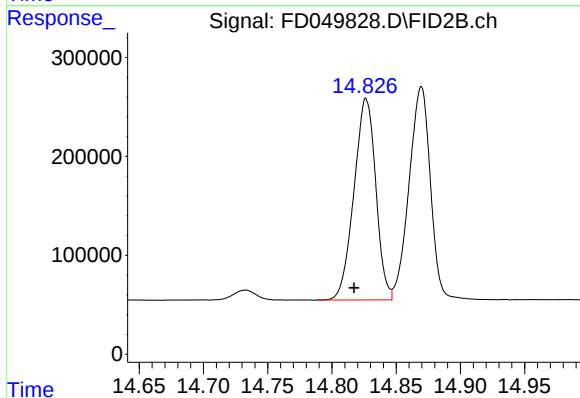
R.T.: 12.658 min
Delta R.T.: 0.009 min
Response: 2815660
Conc: 19.76 ug/ml



#13 Pyrene (C20.8)

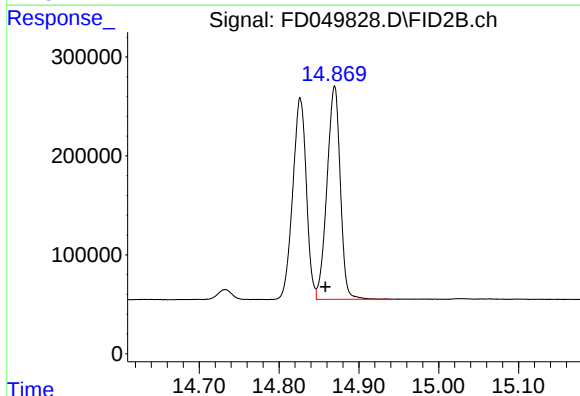
R.T.: 12.956 min
Delta R.T.: 0.009 min
Response: 2777904
Conc: 19.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



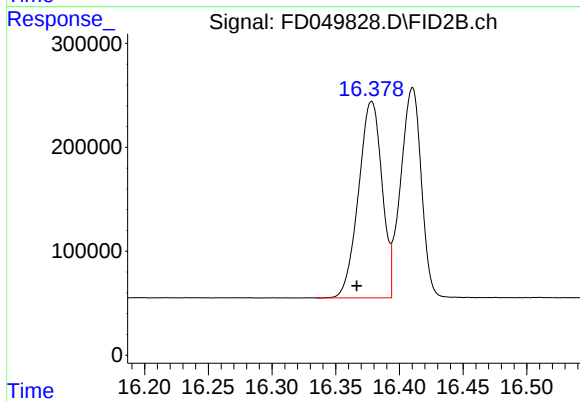
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: 0.009 min
Response: 2409974
Conc: 19.16 ug/ml



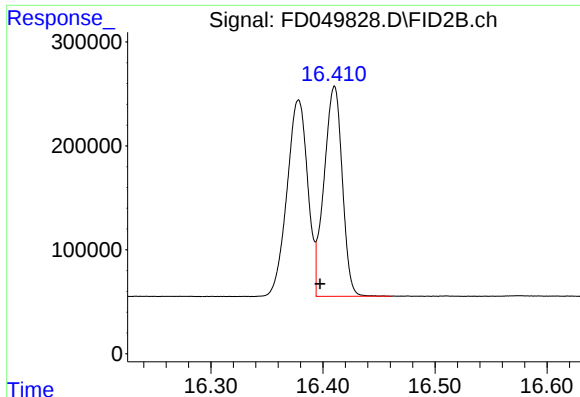
#15 Chrysene (C27.41)

R.T.: 14.869 min
Delta R.T.: 0.011 min
Response: 2498320
Conc: 19.45 ug/ml



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

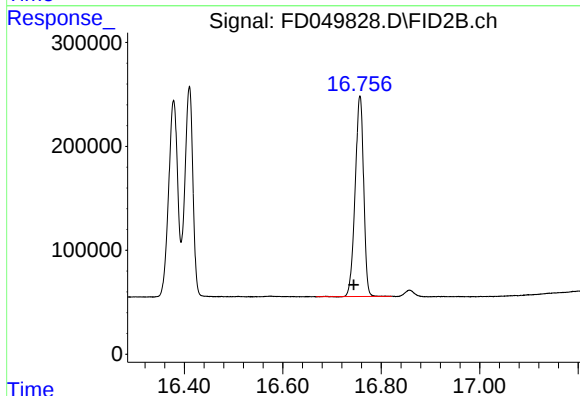
R.T.: 16.378 min
Delta R.T.: 0.012 min
Response: 2427694
Conc: 19.49 ug/ml



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

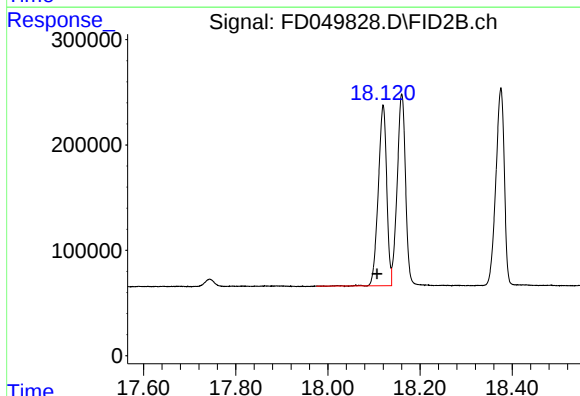
R.T.: 16.410 min
Delta R.T.: 0.013 min
Response: 2279803
Conc: 19.41 ug/ml

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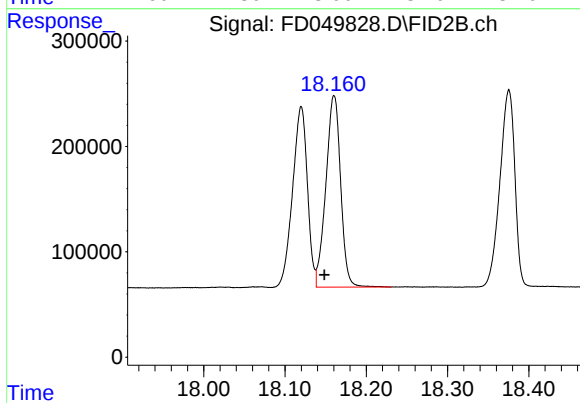
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.757 min
Delta R.T.: 0.012 min
Response: 2316738
Conc: 19.09 ug/ml



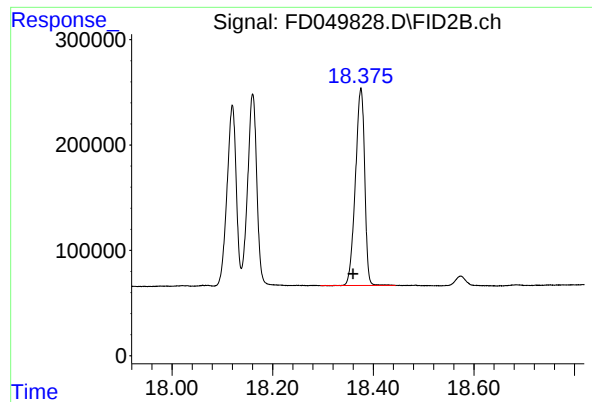
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.120 min
Delta R.T.: 0.013 min
Response: 2184632
Conc: 19.43 ug/ml



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

R.T.: 18.160 min
Delta R.T.: 0.012 min
Response: 2299228
Conc: 18.81 ug/ml



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

R.T.: 18.375 min
Delta R.T.: 0.015 min
Response: 2394820
Conc: 20.02 ug/ml

Instrument :

FID_D

ClientSampleId :

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