

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110325AR\
 Data File : FD049870.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2025 10:49
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 04 02:35:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:29:26 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...	7.698	2446044	22.039 ug/ml
Spiked Amount 50.000		Recovery =	44.08%
6) S 2-Fluorobiphenyl (SURR)	8.562	1697213	21.665 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.33%
11) S ortho-Terphenyl (SURR)	11.607	3085195	21.792 ug/ml
Spiked Amount 50.000		Recovery =	43.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.490	2361596	21.518 ug/ml
2) T Naphthalene (C11.7)	6.033	2728385	21.957 ug/ml
3) T 2-Methylnaphthalene (...)	7.087	2849137	22.026 ug/ml
5) T Acenaphthylene (C15.06)	8.365	2989733	21.954 ug/ml
7) T Acenaphthene (C15.5)	8.661	3000486	22.011 ug/ml
8) T Flouorene (C16.55)	9.442	2929917	21.548 ug/ml
9) T Phenanthrene (C19.36)	10.839	2895706	20.941 ug/ml
10) T Anthracene (C19.43)	10.914	2610474	20.469 ug/ml
12) T Fluoranthene (C21.85)	12.653	2831508	20.360 ug/ml
13) T Pyrene (C20.8)	12.950	2822996	20.349 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2413200	19.085 ug/ml
15) T Chrysene (C27.41)	14.863	2532371	19.301 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2493319	19.356 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2335179	19.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2389533	19.081 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	2147454	18.660 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2137465	16.507 ug/ml
21) T Benzo[g,h,i]perylene ...	18.368	2424459	19.274 ug/ml

(f)=RT Delta > 1/2 Window

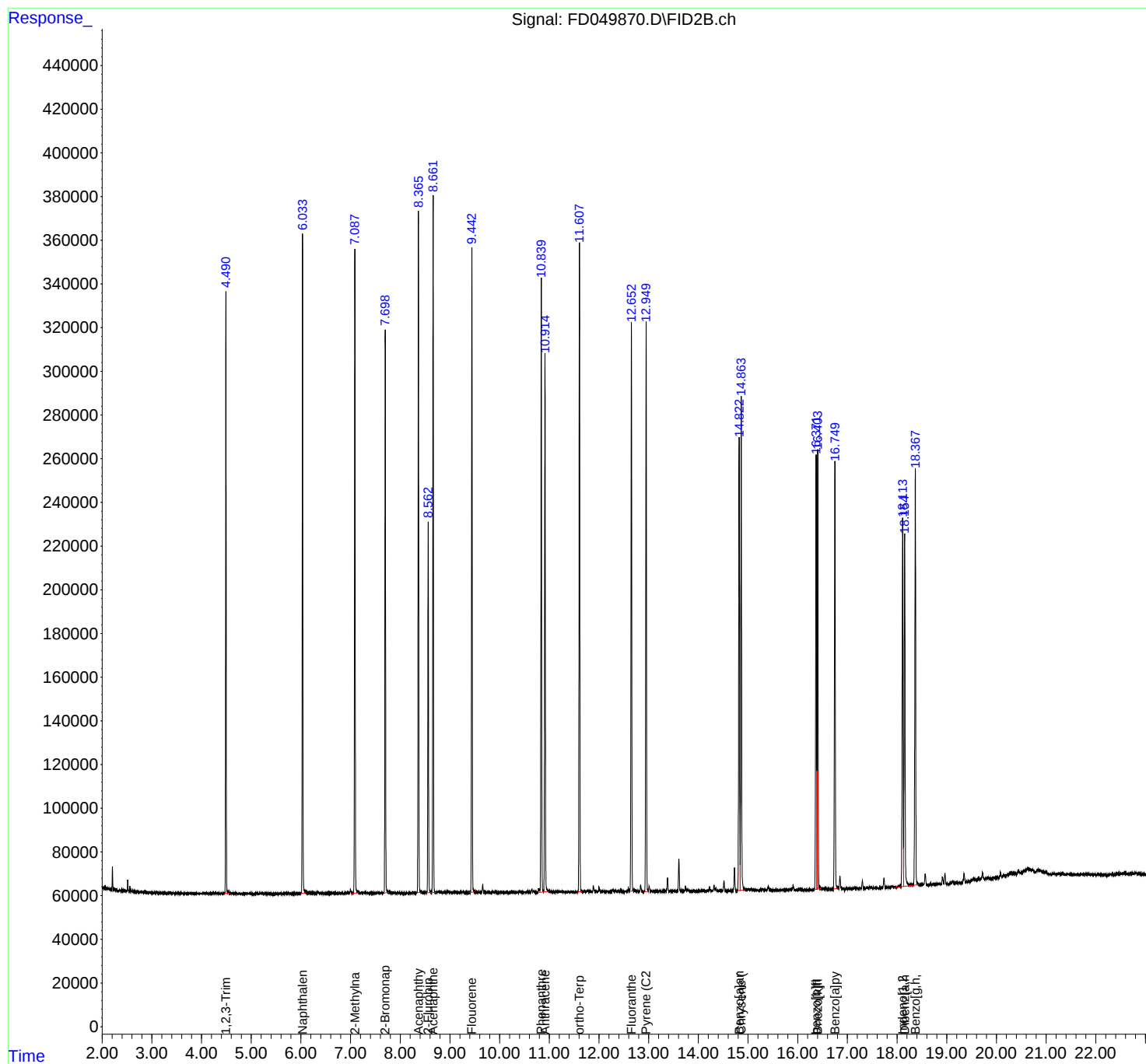
(m)=manual int.

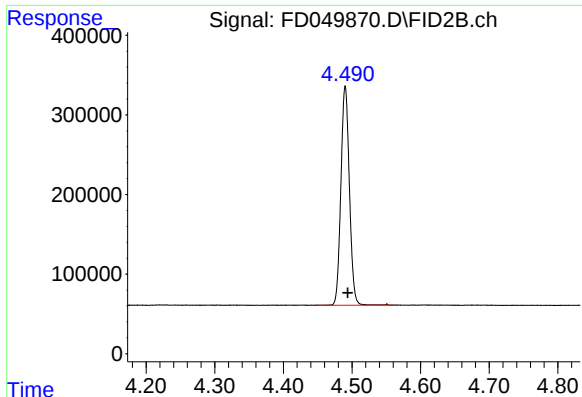
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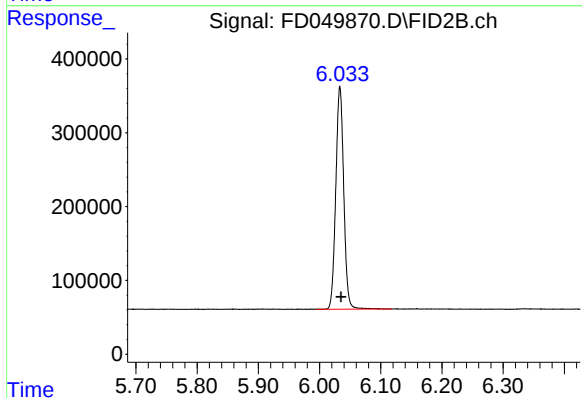




#1 1,2,3-Trimethylbenzene (C10.1)

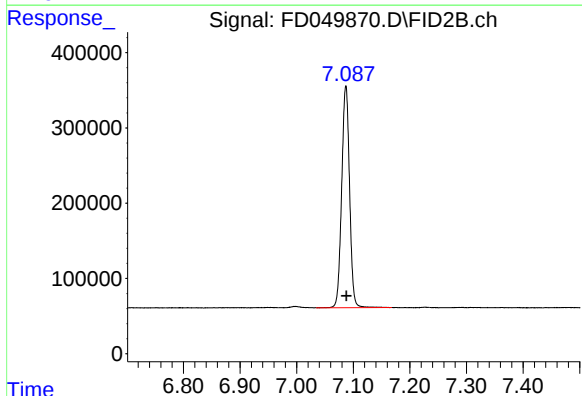
R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 2361596
Conc: 21.52 ug/ml

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FID_E
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20 PPM AROMATIC HC STD



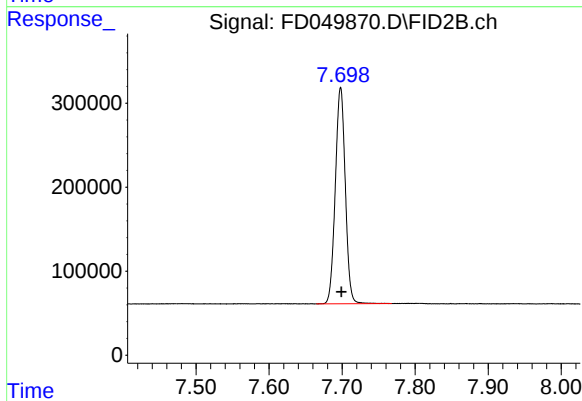
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 2728385
Conc: 21.96 ug/ml



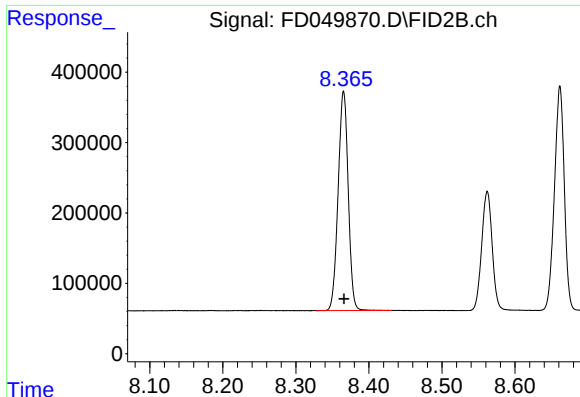
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.001 min
Response: 2849137
Conc: 22.03 ug/ml



#4 2-Bromonaphthalene (SURR)

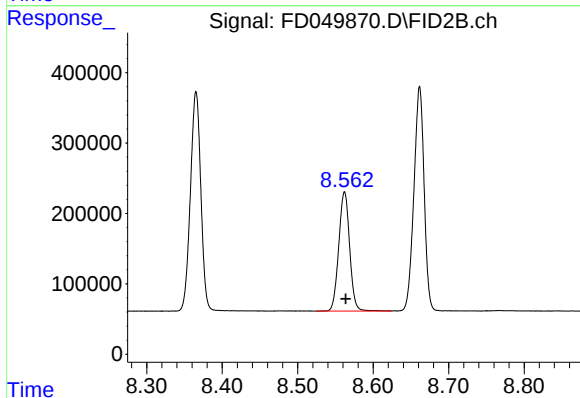
R.T.: 7.698 min
Delta R.T.: -0.001 min
Response: 2446044
Conc: 22.04 ug/ml



#5 Acenaphthylene (C15.06)

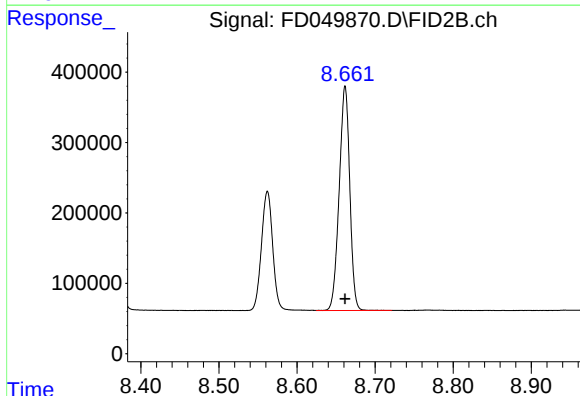
R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 2989733
Conc: 21.95 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



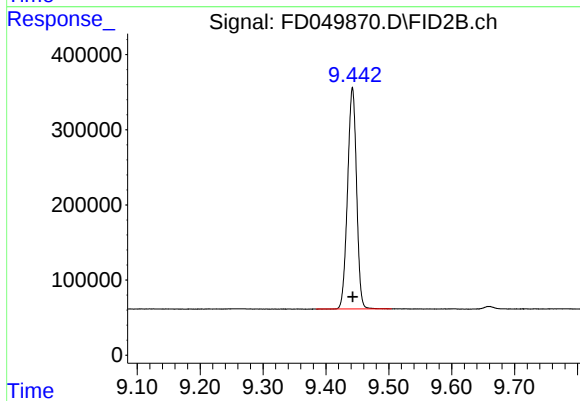
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.002 min
Response: 1697213
Conc: 21.66 ug/ml



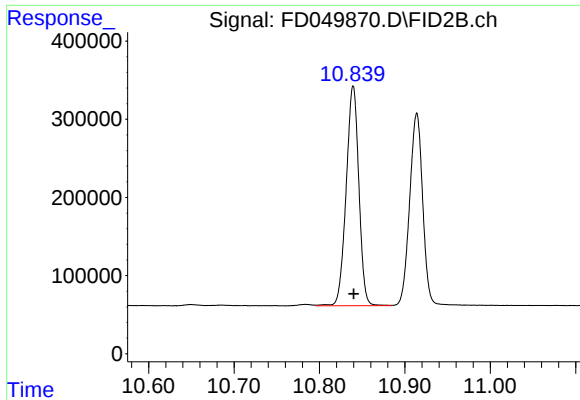
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 3000486
Conc: 22.01 ug/ml



#8 Flouorene (C16.55)

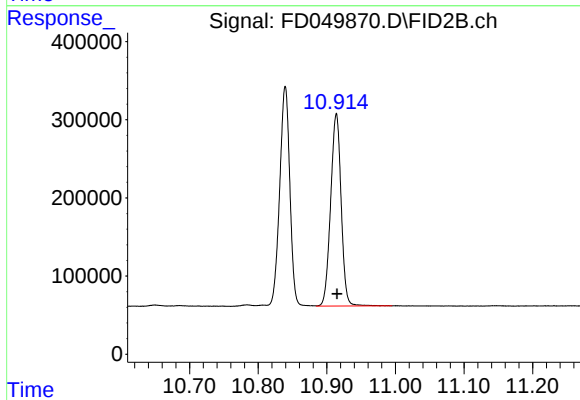
R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 2929917
Conc: 21.55 ug/ml



#9 Phenanthrene (C19.36)

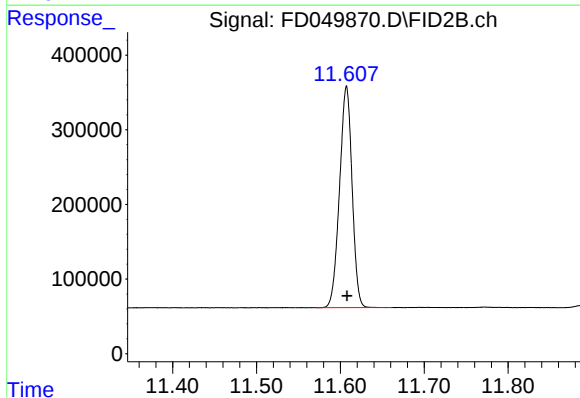
R.T.: 10.839 min
Delta R.T.: 0.000 min
Response: 2895706
Conc: 20.94 ug/ml

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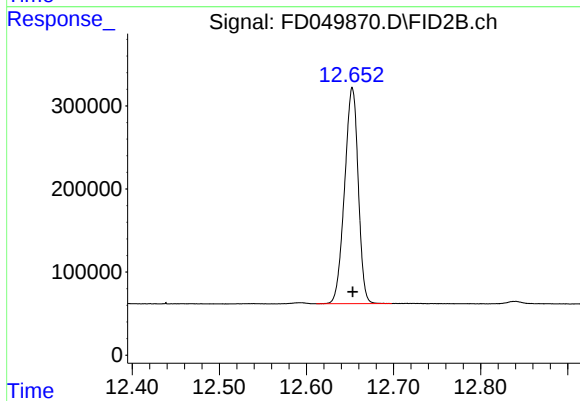
#10 Anthracene (C19.43)

R.T.: 10.914 min
Delta R.T.: 0.000 min
Response: 2610474
Conc: 20.47 ug/ml



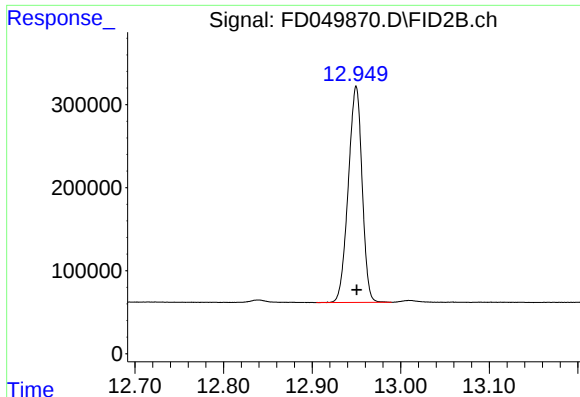
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: 0.000 min
Response: 3085195
Conc: 21.79 ug/ml



#12 Fluoranthene (C21.85)

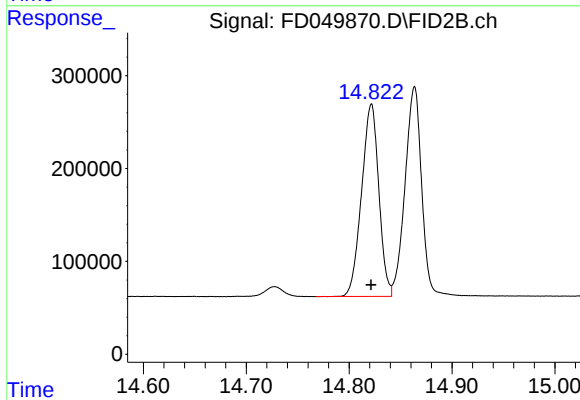
R.T.: 12.653 min
Delta R.T.: 0.000 min
Response: 2831508
Conc: 20.36 ug/ml



#13 Pyrene (C20.8)

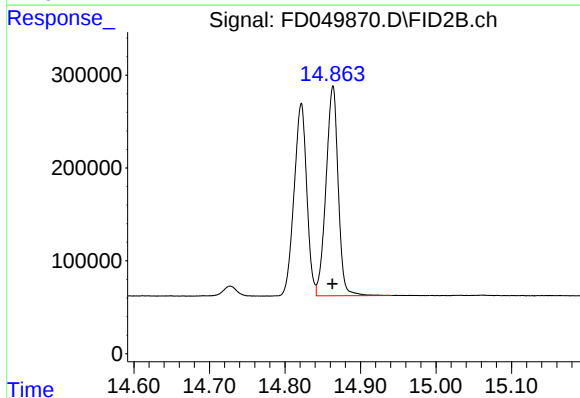
R.T.: 12.950 min
Delta R.T.: 0.000 min
Response: 2822996
Conc: 20.35 ug/ml

Instrument :
FID_E
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20 PPM AROMATIC HC STD



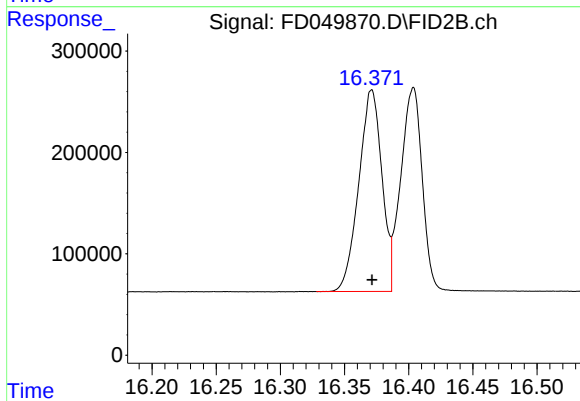
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: 0.000 min
Response: 2413200
Conc: 19.09 ug/ml



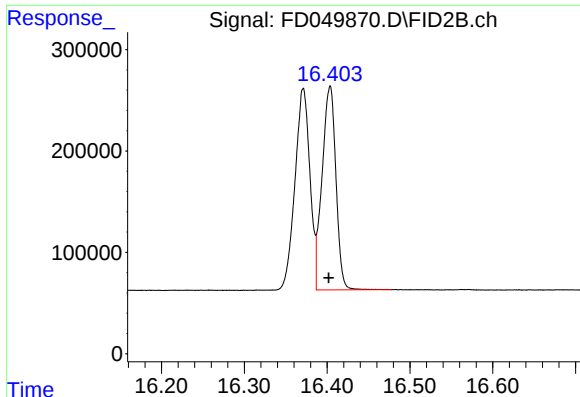
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: 0.000 min
Response: 2532371
Conc: 19.30 ug/ml



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

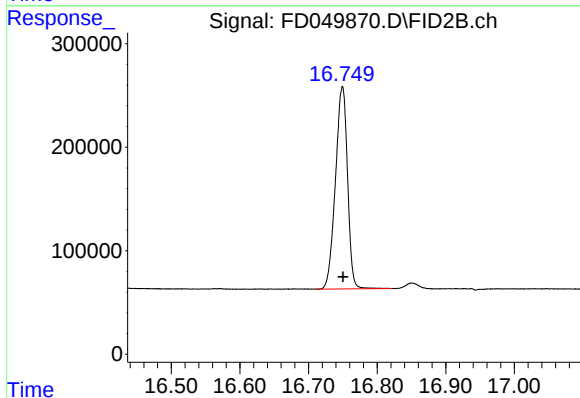
R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 2493319
Conc: 19.36 ug/ml



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

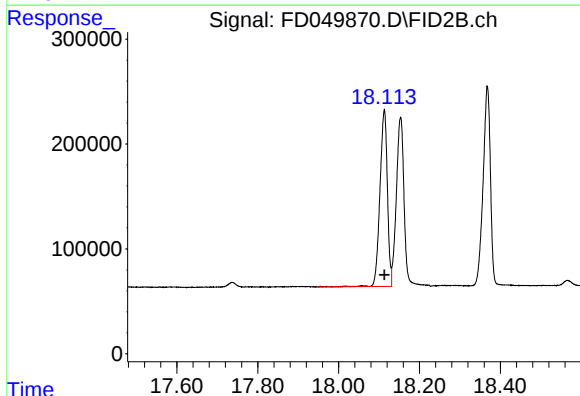
R.T.: 16.403 min
Delta R.T.: 0.001 min
Response: 2335179
Conc: 19.18 ug/ml

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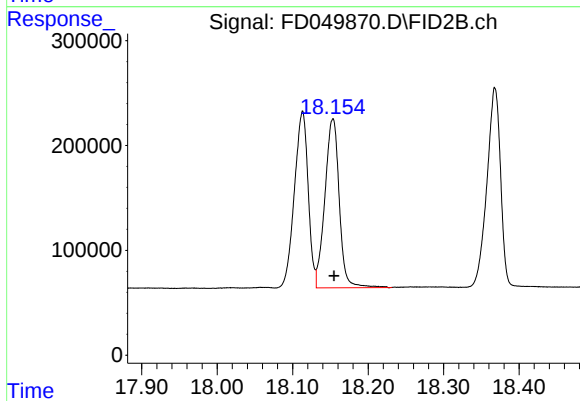
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: -0.001 min
Response: 2389533
Conc: 19.08 ug/ml



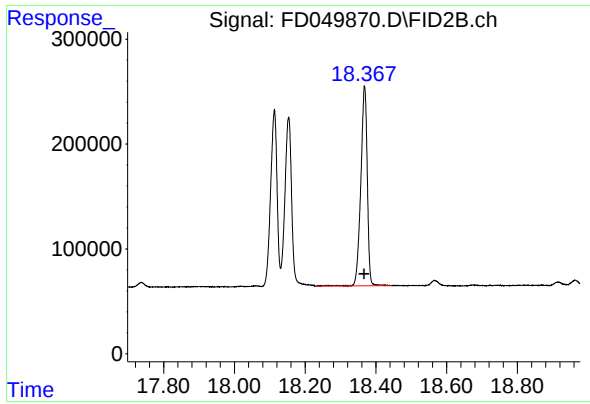
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 2147454
Conc: 18.66 ug/ml



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

R.T.: 18.153 min
Delta R.T.: -0.002 min
Response: 2137465
Conc: 16.51 ug/ml



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

R.T.: 18.368 min
Delta R.T.: 0.002 min
Response: 2424459
Conc: 19.27 ug/ml

Instrument :

FID_E

ClientSampleId :

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