

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049703.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 07:46
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 00:23:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.713	2491029	24.306 ug/ml
Spiked Amount 50.000		Recovery =	48.61%
6) S 2-Fluorobiphenyl (SURR)	8.578	1777987	24.341 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.68%
11) S ortho-Terphenyl (SURR)	11.623	2979501	22.955 ug/ml
Spiked Amount 50.000		Recovery =	45.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2373462	23.449 ug/ml
2) T Naphthalene (C11.7)	6.048	2701977	23.565 ug/ml
3) T 2-Methylnaphthalene (...)	7.102	2768175	23.205 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2973222	23.651 ug/ml
7) T Acenaphthene (C15.5)	8.677	2909157	23.137 ug/ml
8) T Flouorene (C16.55)	9.458	2998137	23.680 ug/ml
9) T Phenanthrene (C19.36)	10.856	2908546	22.516 ug/ml
10) T Anthracene (C19.43)	10.931	2597464	21.084 ug/ml
12) T Fluoranthene (C21.85)	12.670	2821978	22.044 ug/mlm
13) T Pyrene (C20.8)	12.968	2795284	22.016 ug/ml
14) T Benzo[a]anthracene (C...	14.839	2425001	21.015 ug/ml
15) T Chrysene (C27.41)	14.882	2444516	20.879 ug/ml
16) T benzo[b]fluoranthene ...	16.390	2398070	21.085 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2379557	22.229 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.769	2263062	20.400 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2158126	20.937 ug/mlm
20) T Dibenz[a,h]anthracene...	18.173	2241313	20.563 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.388	2325230	21.279 ug/ml

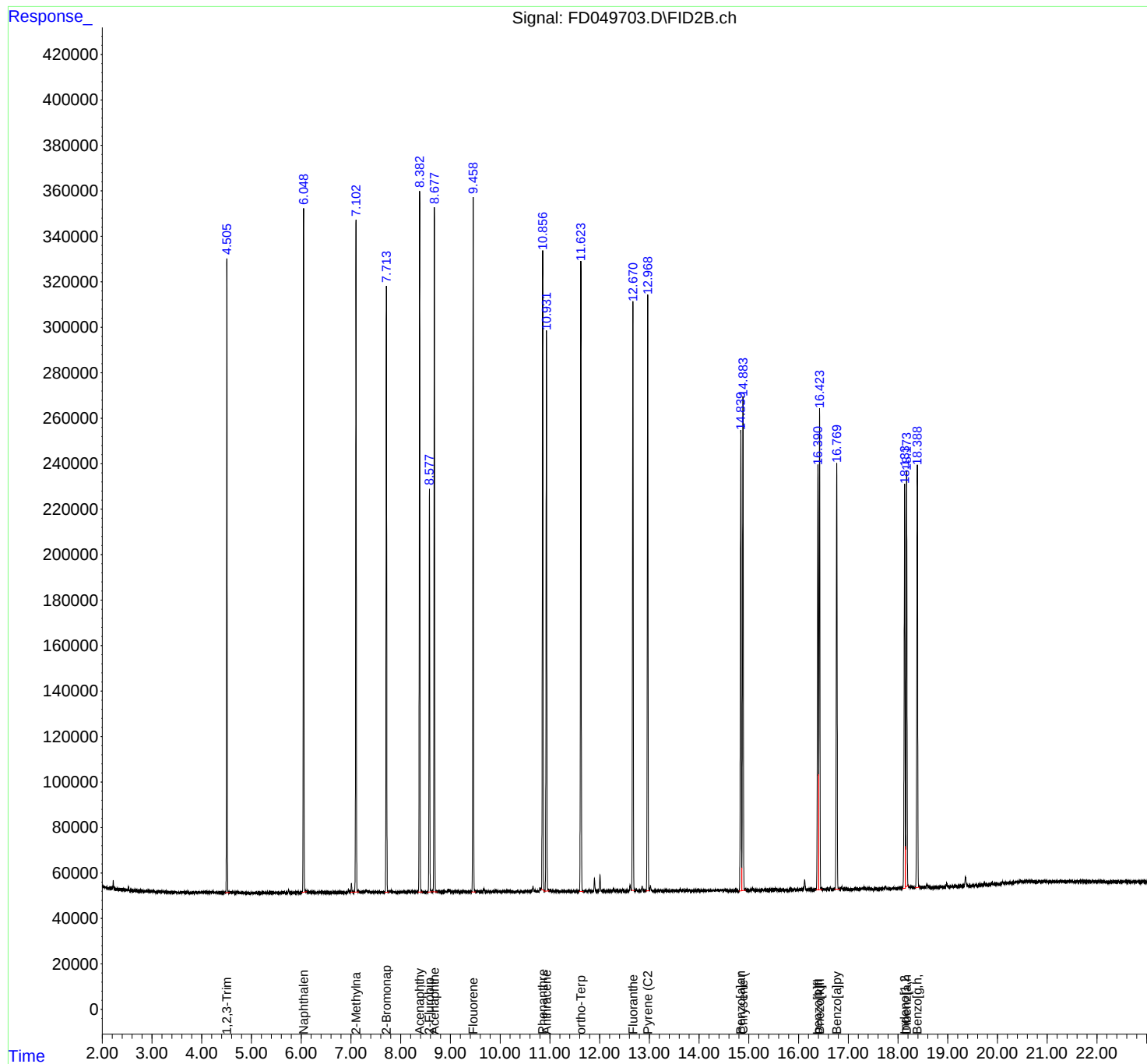
(f)=RT Delta > 1/2 Window

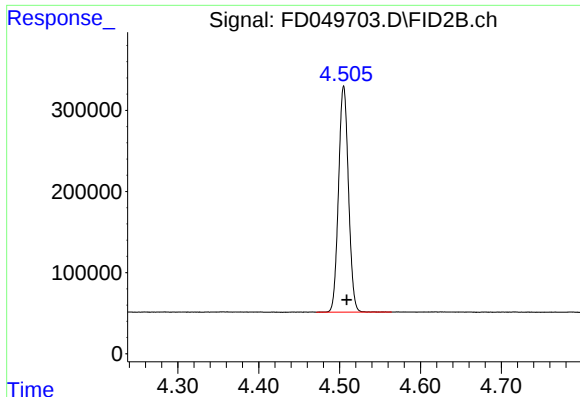
(m)=manual int.

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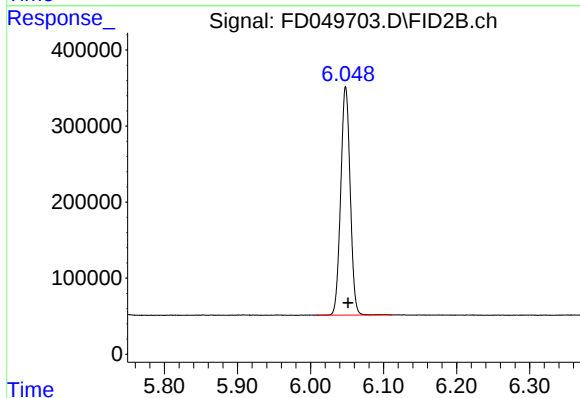
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Signal Info : 20M x 0.18mm x 0.18µm





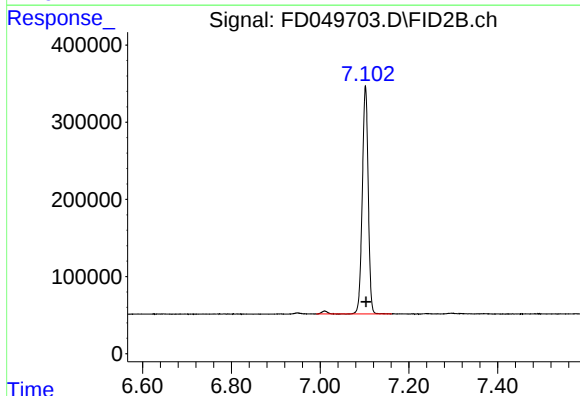
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 2373462
Conc: 23.45 ug/ml



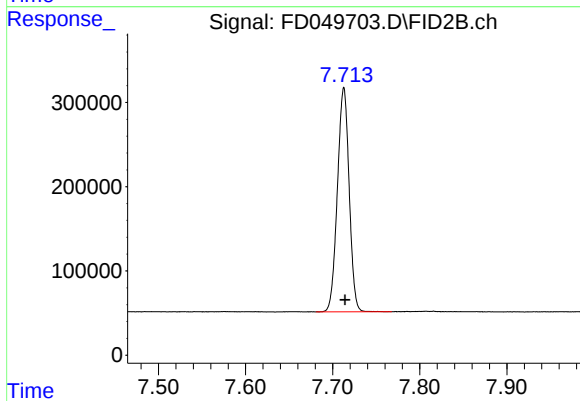
#2 Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.003 min
Response: 2701977
Conc: 23.57 ug/ml



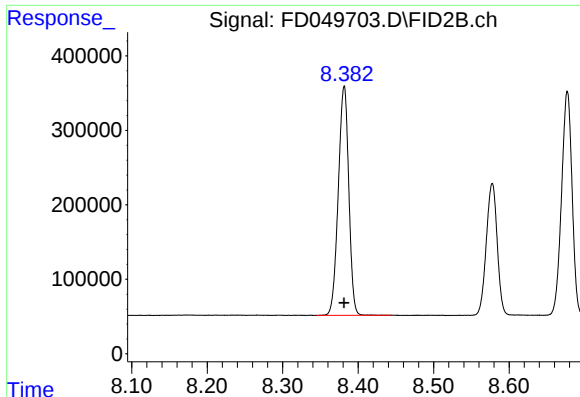
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 2768175
Conc: 23.20 ug/ml



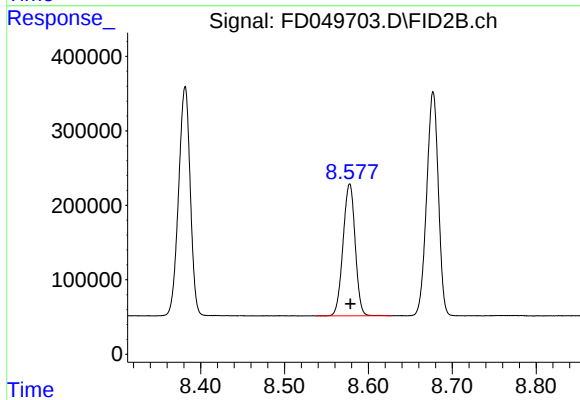
#4 2-Bromonaphthalene (SURR)

R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 2491029
Conc: 24.31 ug/ml



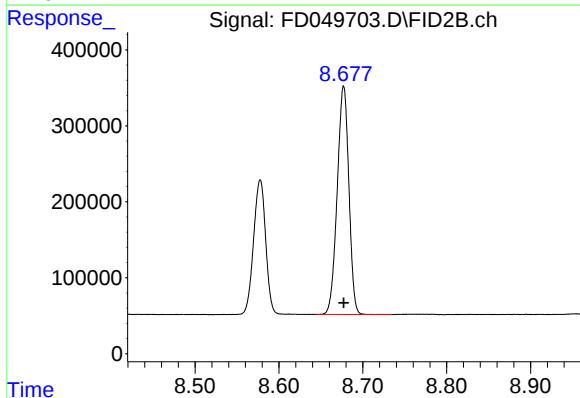
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2973222
Conc: 23.65 ug/ml



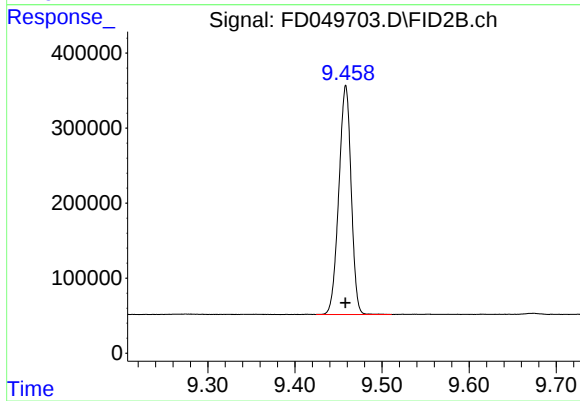
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1777987
Conc: 24.34 ug/ml



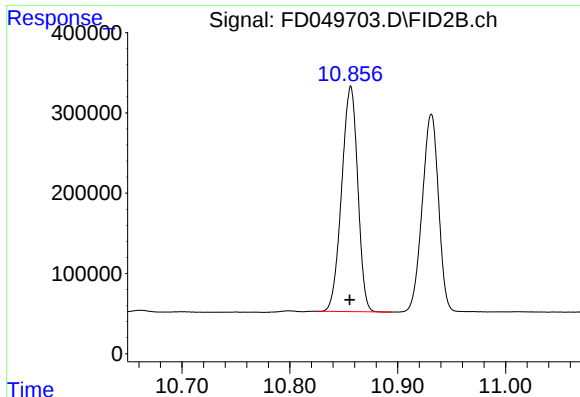
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2909157
Conc: 23.14 ug/ml



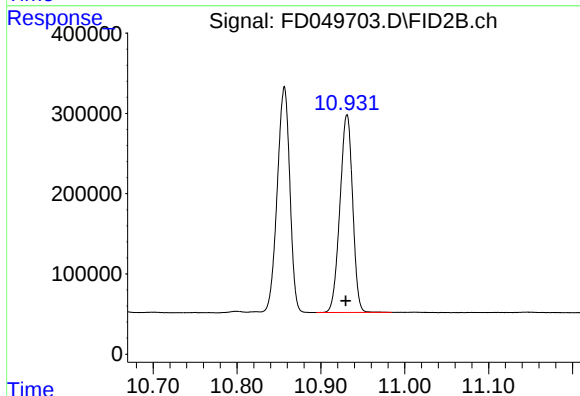
#8 Fluorene (C16.55)

R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 2998137
Conc: 23.68 ug/ml



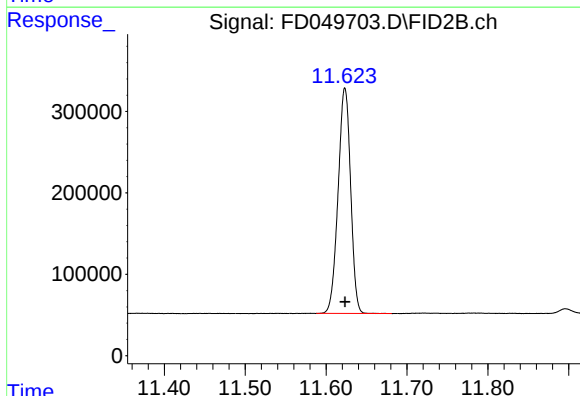
#9 Phenanthrene (C19.36)

R.T.: 10.856 min
Delta R.T.: 0.000 min
Response: 2908546
Conc: 22.52 ug/ml



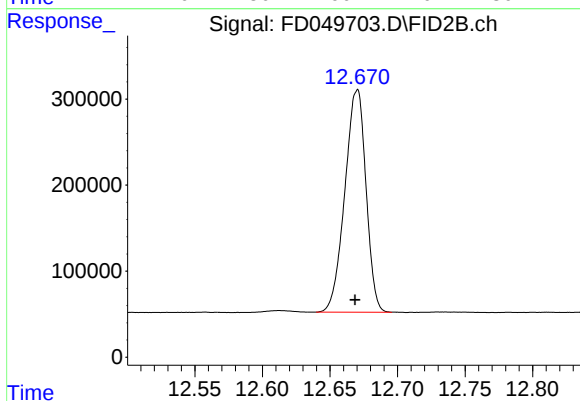
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.001 min
Response: 2597464
Conc: 21.08 ug/ml



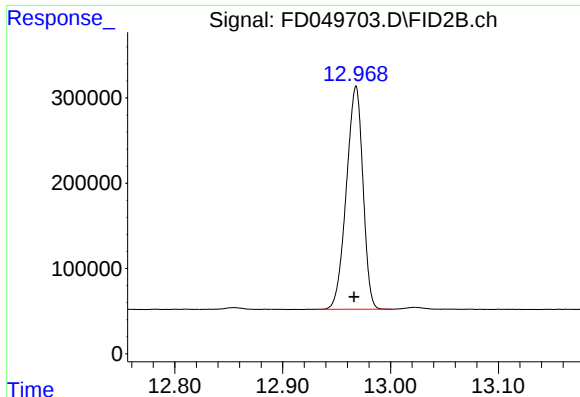
#11 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 2979501
Conc: 22.96 ug/ml



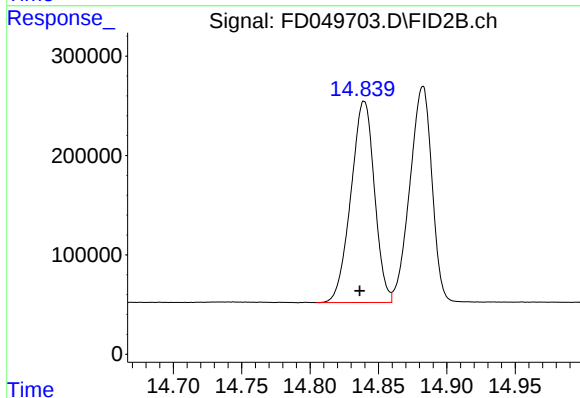
#12 Fluoranthene (C21.85)

R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 2821978
Conc: 22.04 ug/ml m



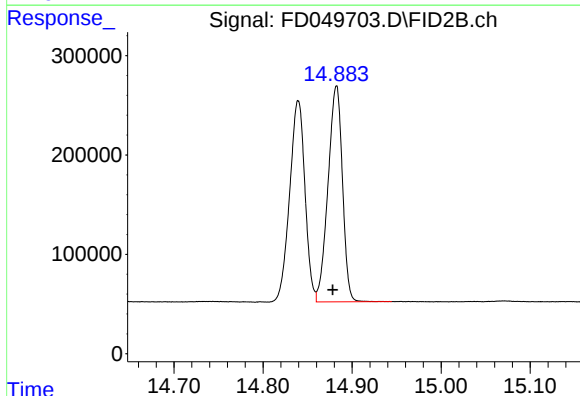
#13 Pyrene (C20.8)

R.T.: 12.968 min
Delta R.T.: 0.002 min
Response: 2795284
Conc: 22.02 ug/ml



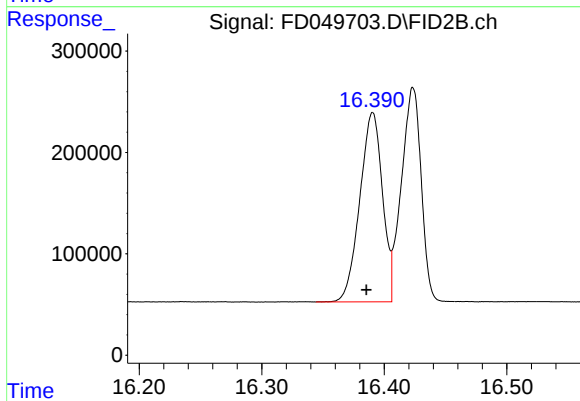
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.839 min
Delta R.T.: 0.003 min
Response: 2425001
Conc: 21.01 ug/ml



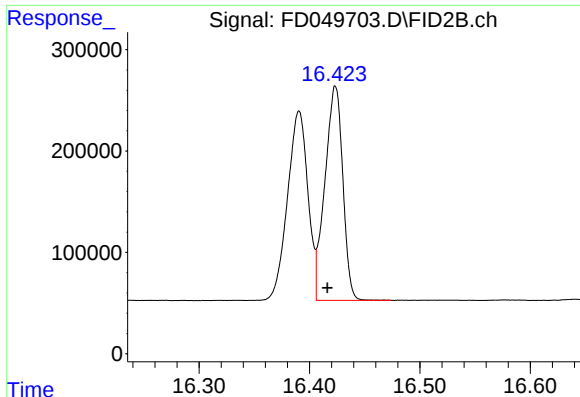
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.004 min
Response: 2444516
Conc: 20.88 ug/ml



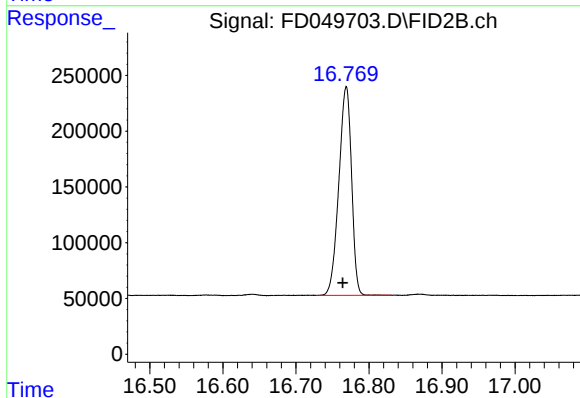
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.390 min
Delta R.T.: 0.005 min
Response: 2398070
Conc: 21.08 ug/ml



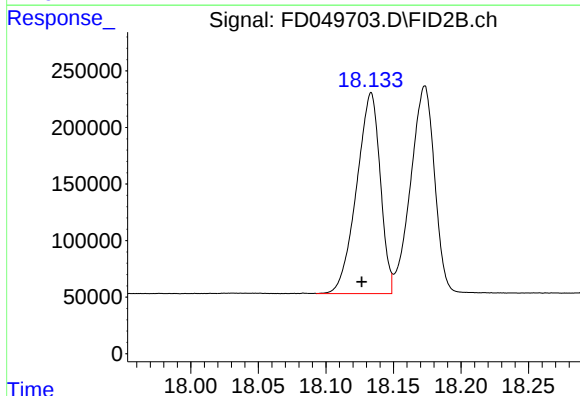
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.423 min
Delta R.T.: 0.007 min
Response: 2379557
Conc: 22.23 ug/ml



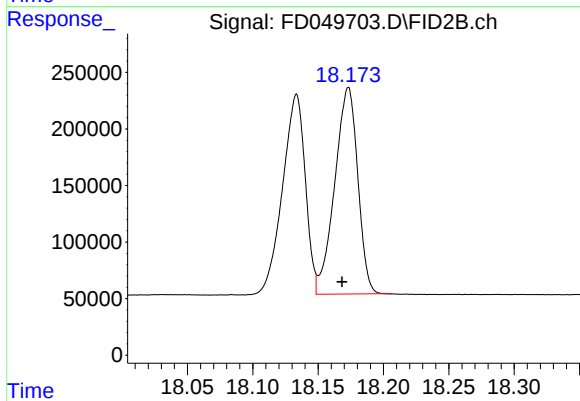
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.769 min
Delta R.T.: 0.005 min
Response: 2263062
Conc: 20.40 ug/ml



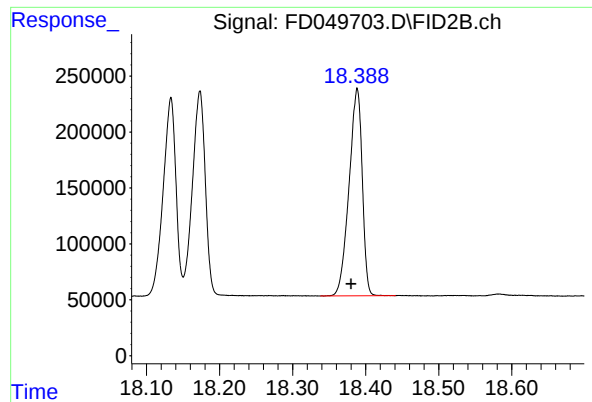
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.007 min
Response: 2158126
Conc: 20.94 ug/ml m



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

R.T.: 18.173 min
Delta R.T.: 0.005 min
Response: 2241313
Conc: 20.56 ug/ml m



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

R.T.: 18.388 min
Delta R.T.: 0.008 min
Response: 2325230
Conc: 21.28 ug/ml