

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081825AR\
 Data File : FD049642.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2025 12:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 19 01:11:40 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	2261357	22.065 ug/ml
Spiked Amount 50.000		Recovery =	44.13%
6) S 2-Fluorobiphenyl (SURR)	8.578	1601018	21.918 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.84%
11) S ortho-Terphenyl (SURR)	11.624	2810332	21.652 ug/ml
Spiked Amount 50.000		Recovery =	43.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2184742	21.584 ug/ml
2) T Naphthalene (C11.7)	6.048	2507104	21.866 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2624049	21.997 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2753566	21.904 ug/ml
7) T Acenaphthene (C15.5)	8.678	2760884	21.958 ug/ml
8) T Flouorene (C16.55)	9.459	2761629	21.812 ug/ml
9) T Phenanthrene (C19.36)	10.857	2771751	21.457 ug/ml
10) T Anthracene (C19.43)	10.931	2494635	20.250 ug/ml
12) T Fluoranthene (C21.85)	12.671	2685160	20.975 ug/ml
13) T Pyrene (C20.8)	12.969	2660307	20.953 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2317625	20.084 ug/ml
15) T Chrysene (C27.41)	14.882	2384520	20.366 ug/ml
16) T benzo[b]fluoranthene ...	16.390	2283055	20.074 ug/ml
17) T Bnezo[k]fluoranthene ...	16.422	2144078	20.029 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.769	2185642	19.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2048805	19.876 ug/ml
20) T Dibenz[a,h]anthracene...	18.173	2285415	20.967 ug/ml
21) T Benzo[g,h,i]perylene ...	18.388	2169487	19.853 ug/ml

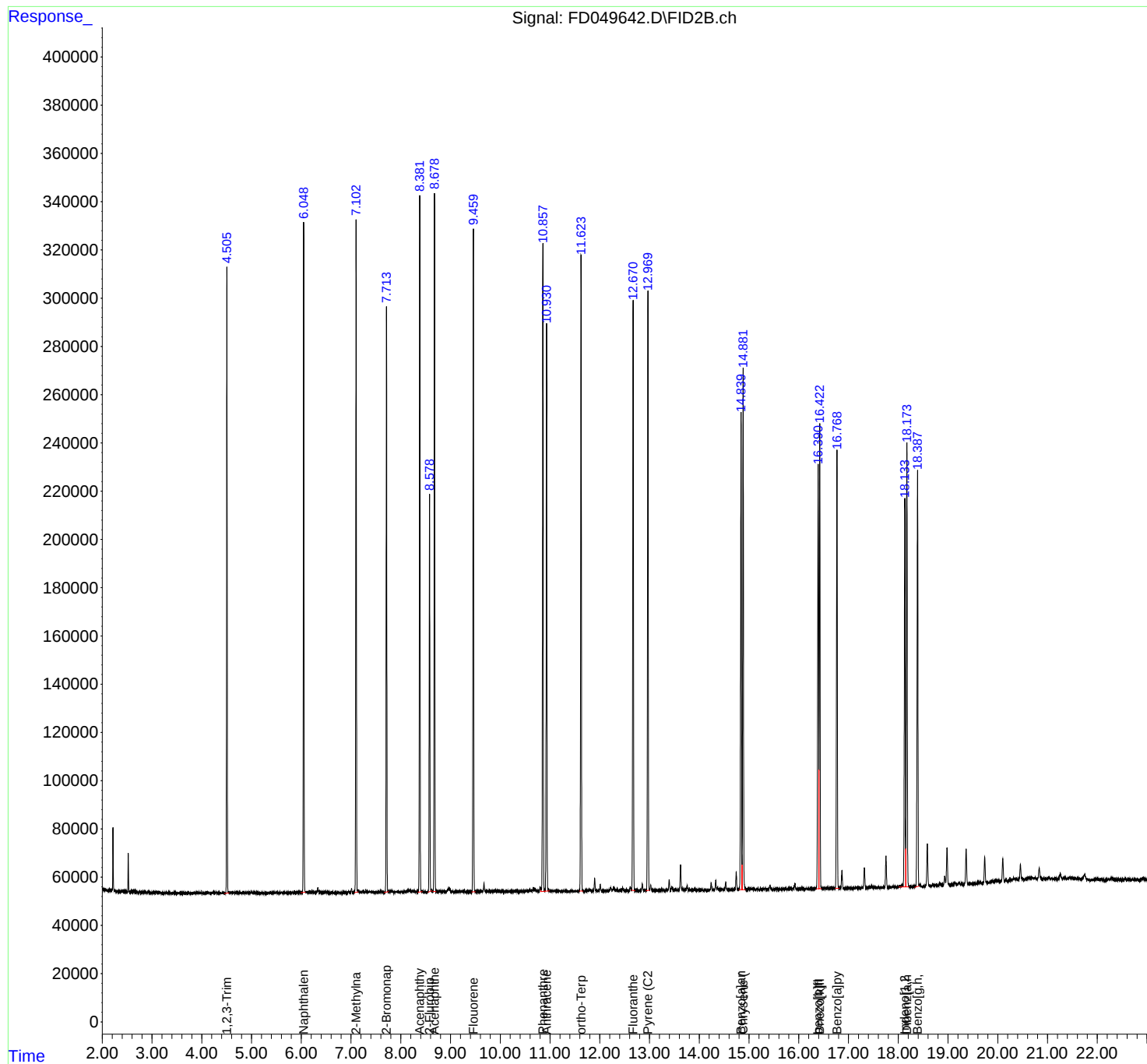
(f)=RT Delta > 1/2 Window

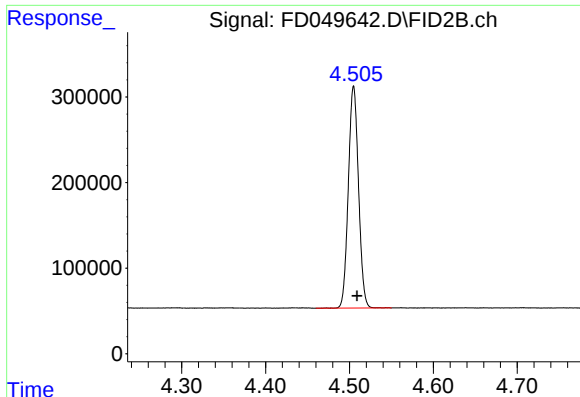
(m)=manual int.

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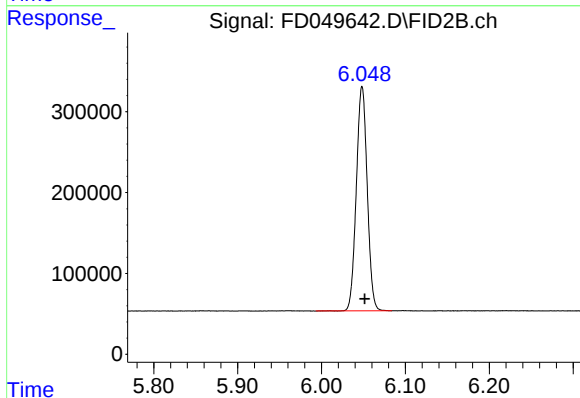
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





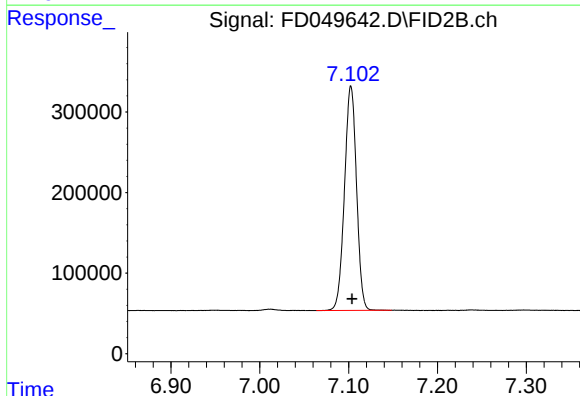
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 2184742
Conc: 21.58 ug/ml



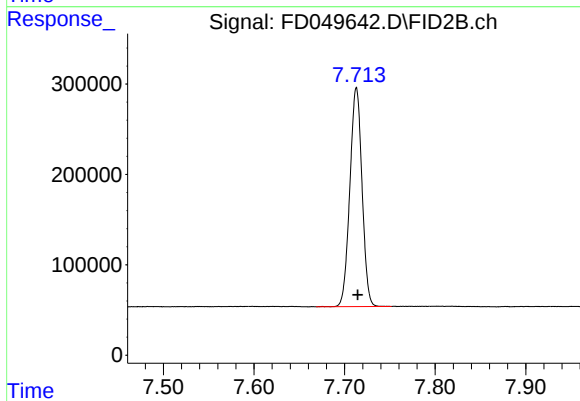
#2 Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.003 min
Response: 2507104
Conc: 21.87 ug/ml



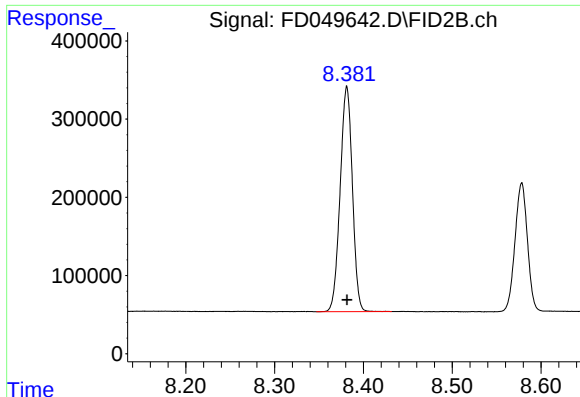
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 2624049
Conc: 22.00 ug/ml



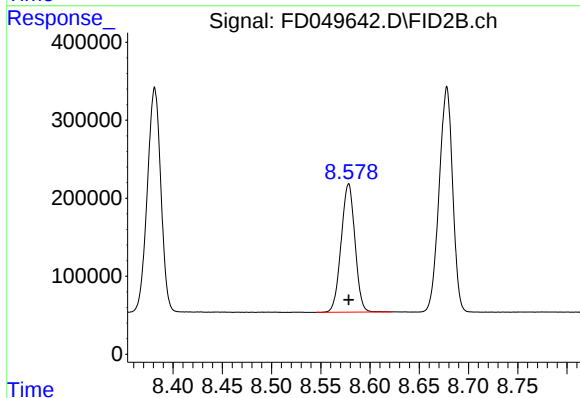
#4 2-Bromonaphthalene (SURR)

R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2261357
Conc: 22.06 ug/ml



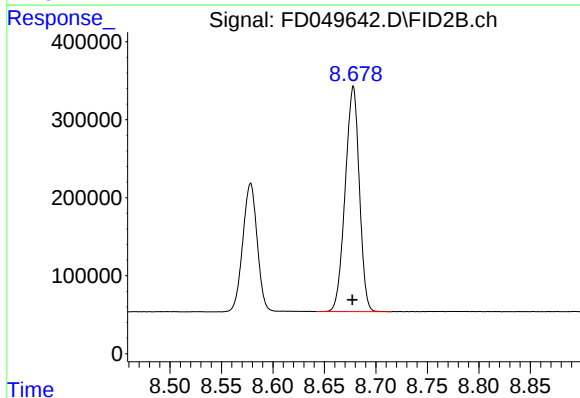
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2753566
Conc: 21.90 ug/ml



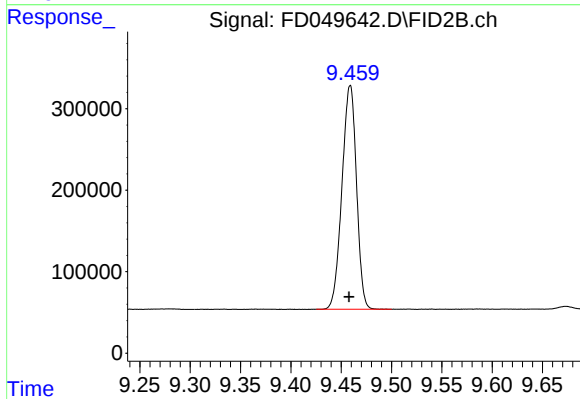
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1601018
Conc: 21.92 ug/ml



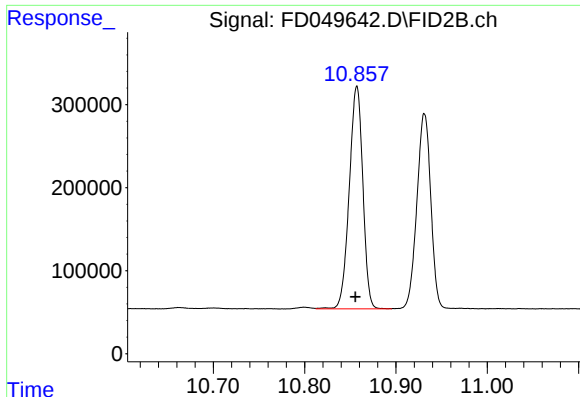
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2760884
Conc: 21.96 ug/ml



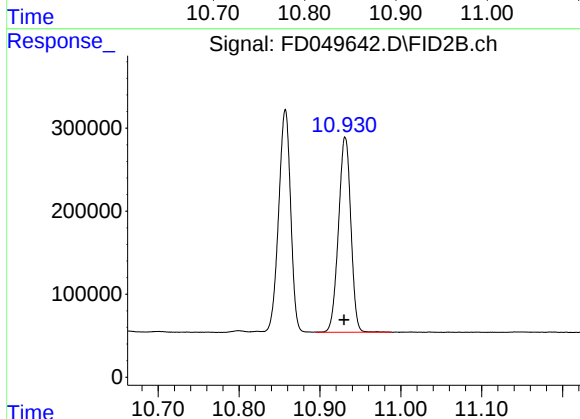
#8 Fluorene (C16.55)

R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 2761629
Conc: 21.81 ug/ml



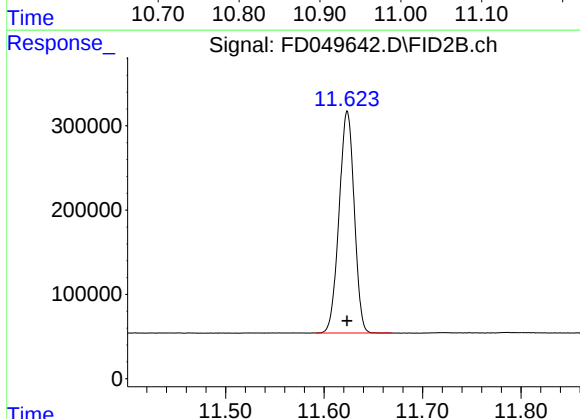
#9 Phenanthrene (C19.36)

R.T.: 10.857 min
Delta R.T.: 0.002 min
Response: 2771751
Conc: 21.46 ug/ml



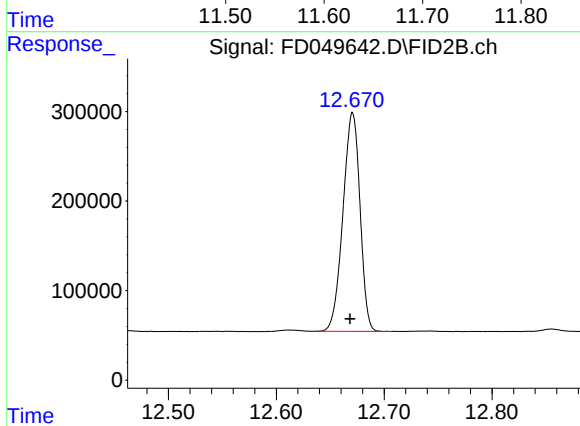
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.001 min
Response: 2494635
Conc: 20.25 ug/ml



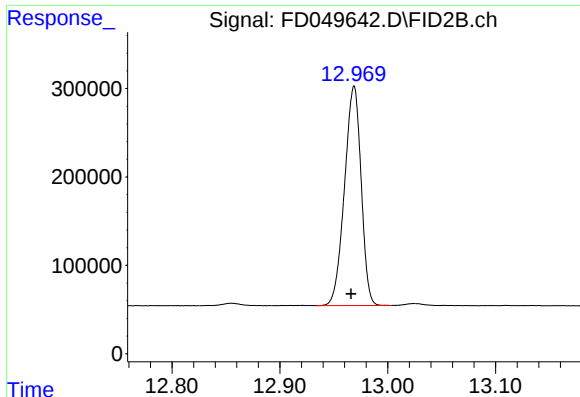
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2810332
Conc: 21.65 ug/ml



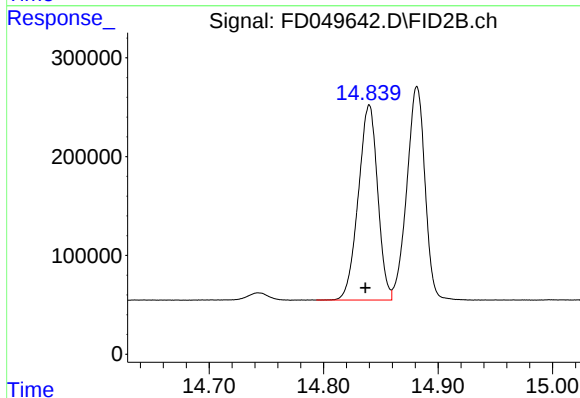
#12 Fluoranthene (C21.85)

R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2685160
Conc: 20.98 ug/ml



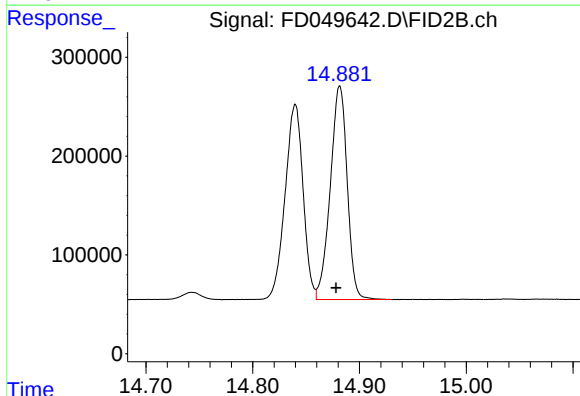
#13 Pyrene (C20.8)

R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2660307
Conc: 20.95 ug/ml



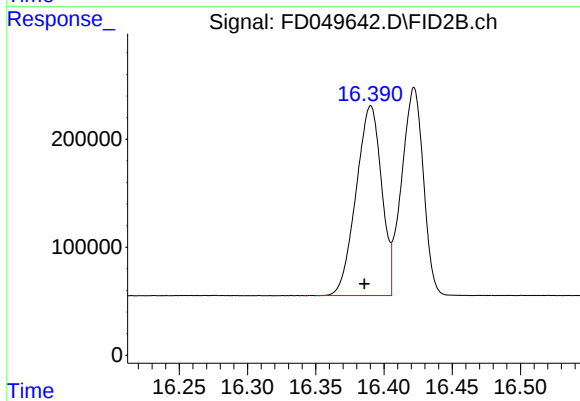
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.003 min
Response: 2317625
Conc: 20.08 ug/ml



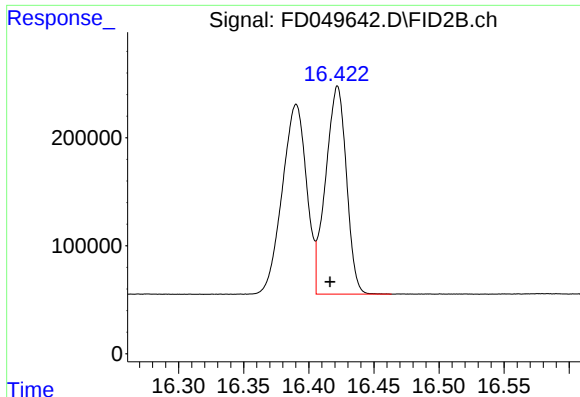
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.004 min
Response: 2384520
Conc: 20.37 ug/ml



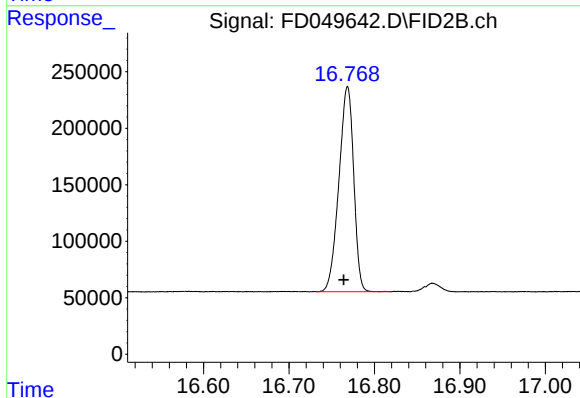
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.390 min
Delta R.T.: 0.005 min
Response: 2283055
Conc: 20.07 ug/ml



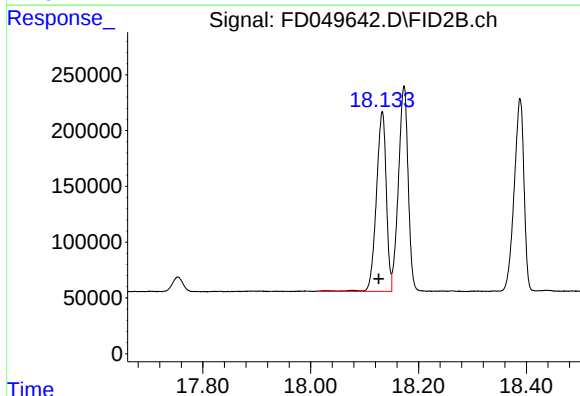
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.422 min
Delta R.T.: 0.006 min
Response: 2144078
Conc: 20.03 ug/ml



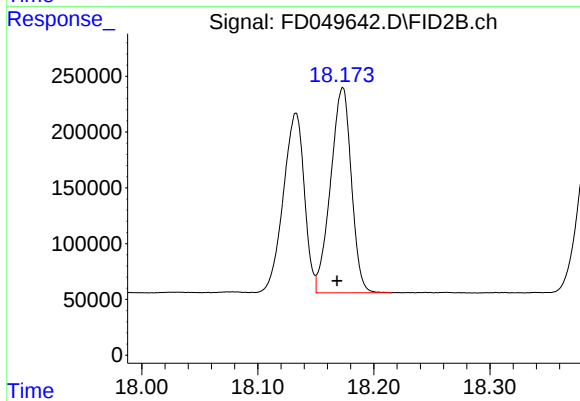
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.769 min
Delta R.T.: 0.004 min
Response: 2185642
Conc: 19.70 ug/ml



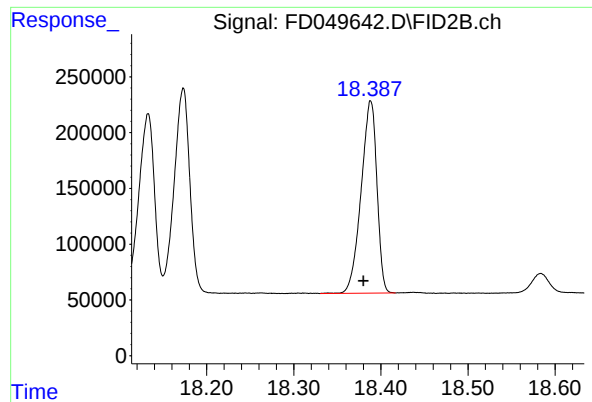
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.006 min
Response: 2048805
Conc: 19.88 ug/ml



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

R.T.: 18.173 min
Delta R.T.: 0.005 min
Response: 2285415
Conc: 20.97 ug/ml



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

R.T.: 18.388 min
Delta R.T.: 0.008 min
Response: 2169487
Conc: 19.85 ug/ml