

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011923AR\
 Data File : FD044841.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jan 2023 12:29
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 13:08:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 12:25:49 2023
 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...	7.663	1772768	10.477 ug/ml
Spiked Amount 50.000		Recovery =	20.95%
6) S 2-Fluorobiphenyl (SURR)	8.518	1207778	10.394 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.79%
11) S ortho-Terphenyl (SURR)	11.544	2293457	10.440 ug/ml
Spiked Amount 50.000		Recovery =	20.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	1865795	10.346 ug/ml
2) T Naphthalene (C11.7)	6.013	1992562	10.372 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	2026937	10.376 ug/ml
5) T Acenaphthylene (C15.06)	8.323	1934028	10.620 ug/ml
7) T Acenaphthene (C15.5)	8.616	2005274	10.448 ug/ml
8) T Flouorene (C16.55)	9.392	1992008	10.396 ug/ml
9) T Phenanthrene (C19.36)	10.779	1996272	10.371 ug/ml
10) T Anthracene (C19.43)	10.852	1913846	10.405 ug/ml
12) T Fluoranthene (C21.85)	12.579	2015023	10.482 ug/ml
13) T Pyrene (C20.8)	12.874	1962876	10.424 ug/ml
14) T Benzo[a]anthracene (C...	14.734	1806681	10.468 ug/ml
15) T Chrysene (C27.41)	14.775	1890981	10.553 ug/ml
16) T benzo[b]fluoranthene ...	16.273	1791564	10.361 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	1773077	10.458 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	1748926	10.494 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.003	1658942	10.296 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	1672599	10.780 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	1648960	10.415 ug/ml

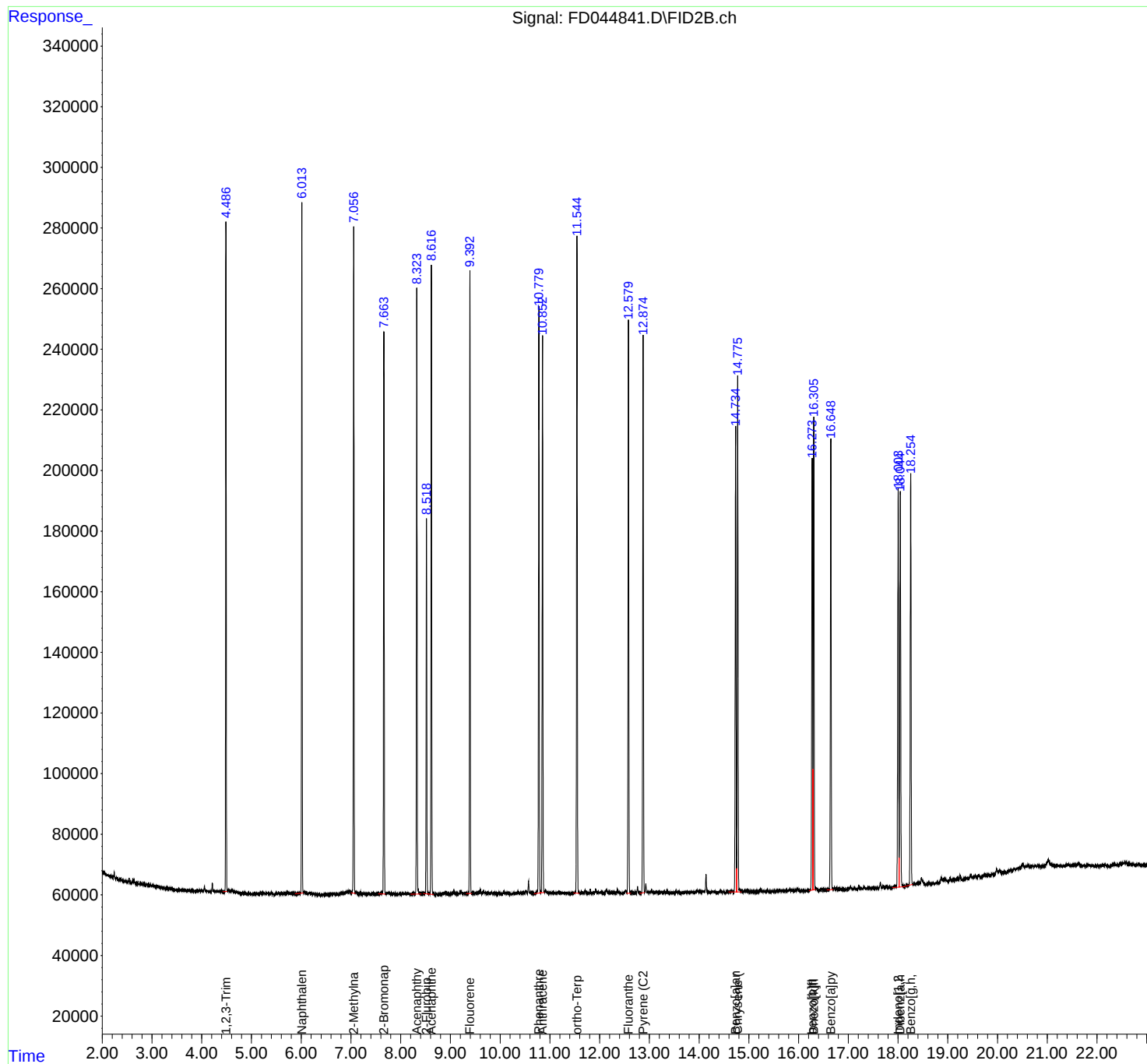
(f)=RT Delta > 1/2 Window

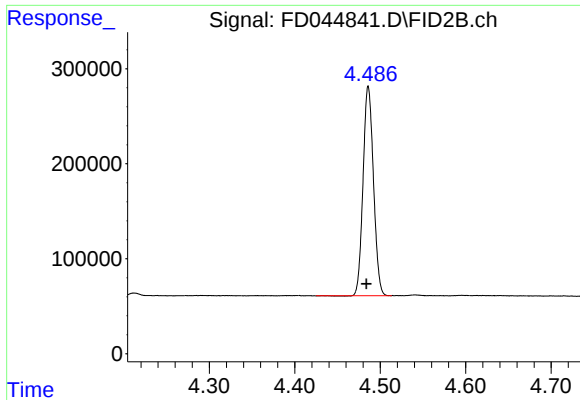
(m)=manual int.

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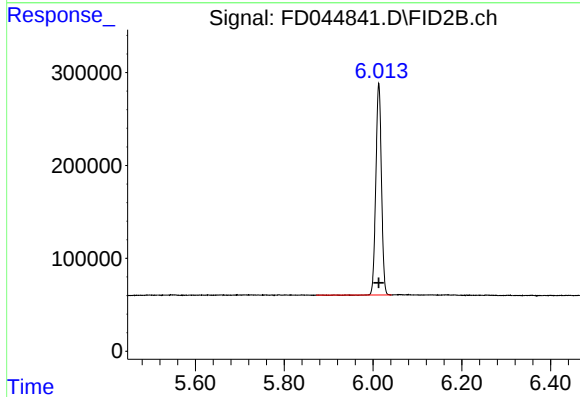
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





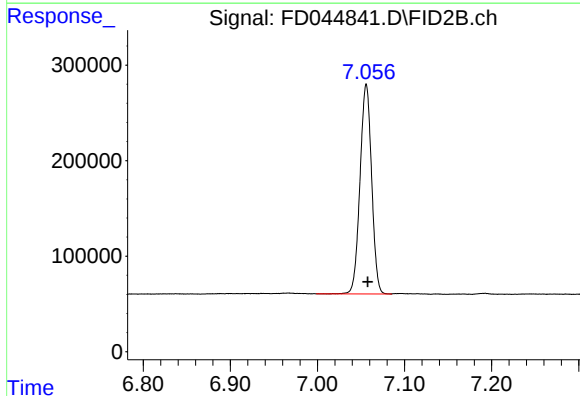
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.486 min
Delta R.T.: 0.002 min
Response: 1865795
Conc: 10.35 ug/ml



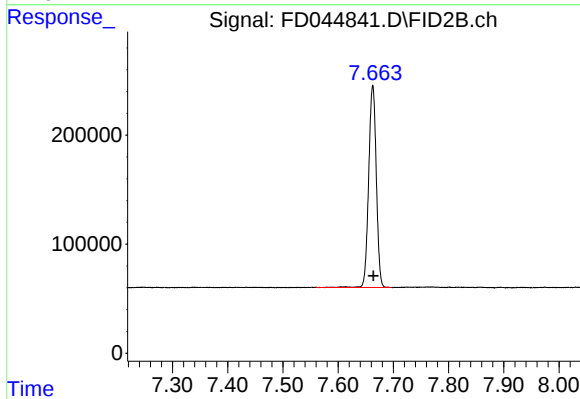
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 1992562
Conc: 10.37 ug/ml



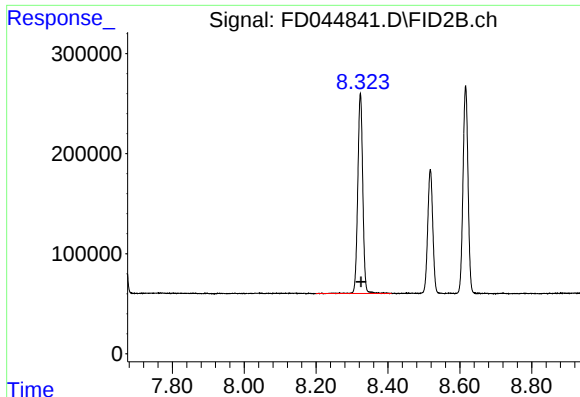
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 2026937
Conc: 10.38 ug/ml



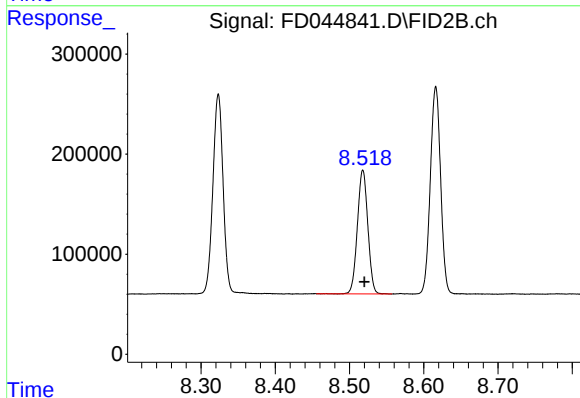
#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min
Delta R.T.: -0.001 min
Response: 1772768
Conc: 10.48 ug/ml



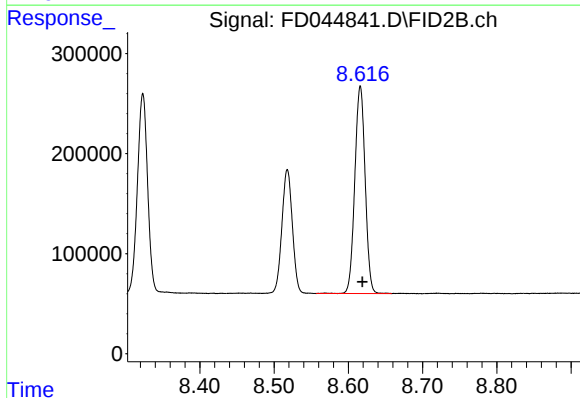
#5 Acenaphthylene (C15.06)

R.T.: 8.323 min
Delta R.T.: -0.002 min
Response: 1934028
Conc: 10.62 ug/ml



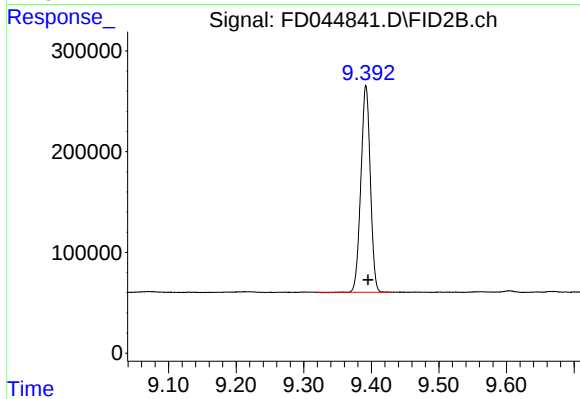
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.518 min
Delta R.T.: -0.002 min
Response: 1207778
Conc: 10.39 ug/ml



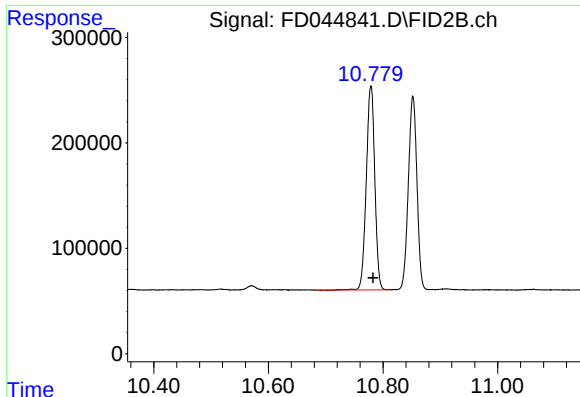
#7 Acenaphthene (C15.5)

R.T.: 8.616 min
Delta R.T.: -0.003 min
Response: 2005274
Conc: 10.45 ug/ml



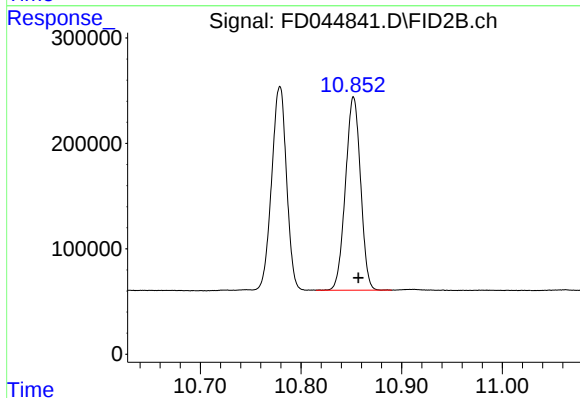
#8 Fluorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.003 min
Response: 1992008
Conc: 10.40 ug/ml



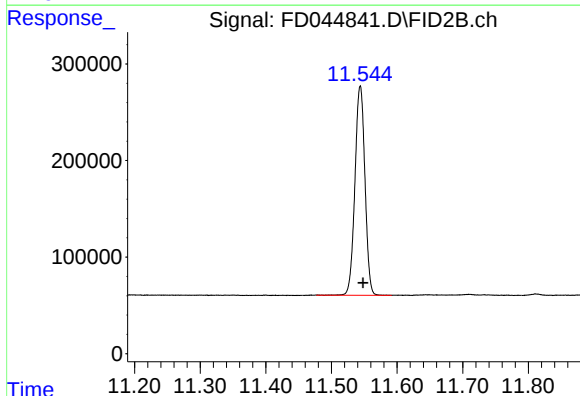
#9 Phenanthrene (C19.36)

R.T.: 10.779 min
Delta R.T.: -0.004 min
Response: 1996272
Conc: 10.37 ug/ml



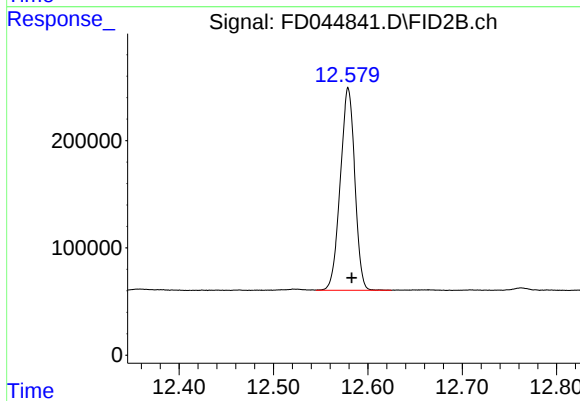
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.005 min
Response: 1913846
Conc: 10.41 ug/ml



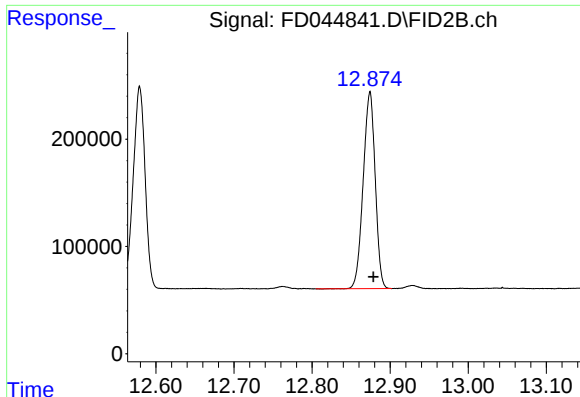
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.004 min
Response: 2293457
Conc: 10.44 ug/ml



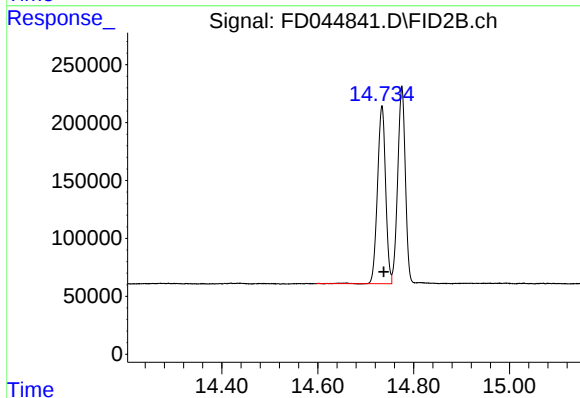
#12 Fluoranthene (C21.85)

R.T.: 12.579 min
Delta R.T.: -0.004 min
Response: 2015023
Conc: 10.48 ug/ml



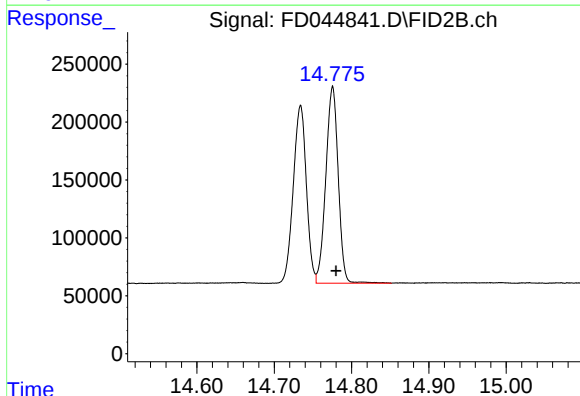
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: -0.004 min
Response: 1962876
Conc: 10.42 ug/ml



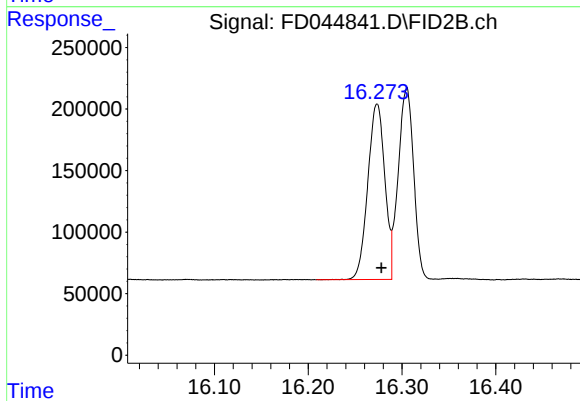
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: -0.004 min
Response: 1806681
Conc: 10.47 ug/ml



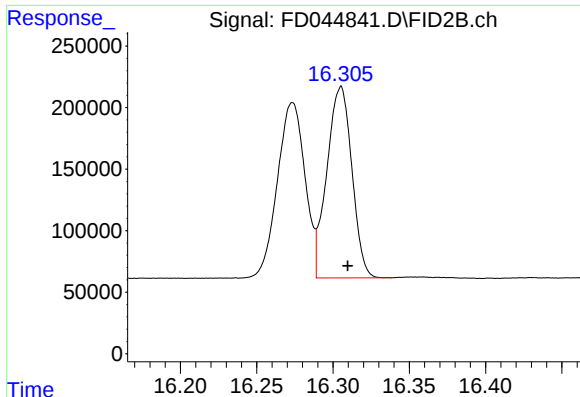
#15 Chrysene (C27.41)

R.T.: 14.775 min
Delta R.T.: -0.005 min
Response: 1890981
Conc: 10.55 ug/ml



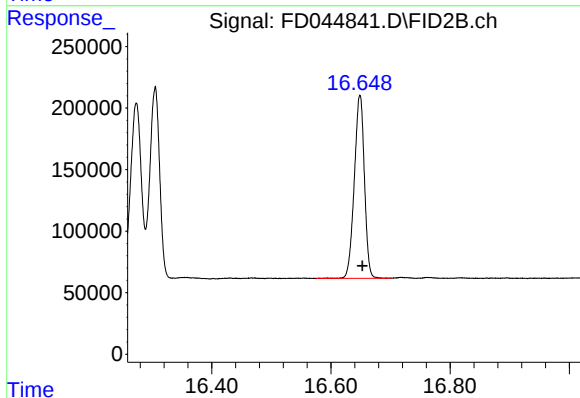
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.273 min
Delta R.T.: -0.005 min
Response: 1791564
Conc: 10.36 ug/ml



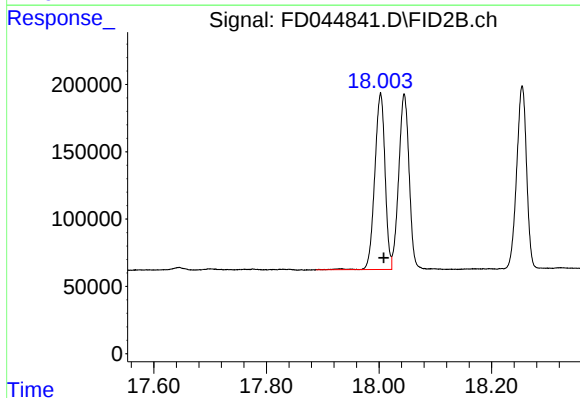
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.305 min
Delta R.T.: -0.005 min
Response: 1773077
Conc: 10.46 ug/ml



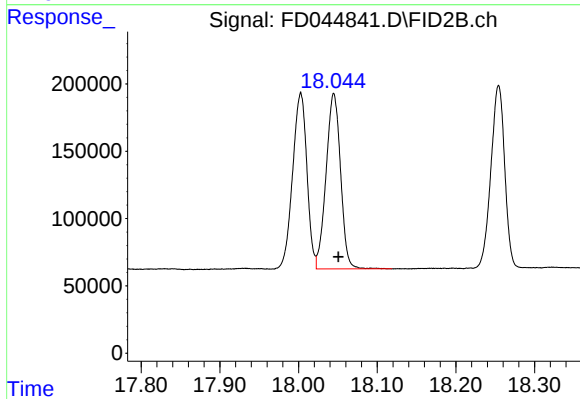
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.649 min
Delta R.T.: -0.005 min
Response: 1748926
Conc: 10.49 ug/ml



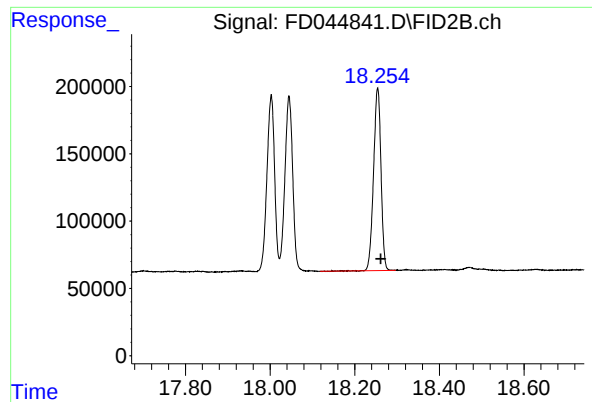
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.003 min
Delta R.T.: -0.006 min
Response: 1658942
Conc: 10.30 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.006 min
Response: 1672599
Conc: 10.78 ug/ml



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

R.T.: 18.254 min
Delta R.T.: -0.008 min
Response: 1648960
Conc: 10.41 ug/ml