

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081820AR\
 Data File : FD034489.D
 Signal(s) : FID2B.CH
 Acq On : 19 Aug 2020 1:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 19 02:44:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.702	2262280	19.350 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
6) S 2-Fluorobiphenyl (SURR)	8.570	1589403	19.172 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.34%
11) S ortho-Terphenyl (SURR)	11.611	2586714	19.035 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2504164	19.647 ug/ml
2) T Naphthalene (C11.7)	6.039	2602961	19.456 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	2607810	19.320 ug/ml
5) T Acenaphthylene (C15.06)	8.373	2532911	19.139 ug/ml
7) T Acenaphthene (C15.5)	8.668	2589794	19.257 ug/ml
8) T Fluorene (C16.55)	9.451	2535464	19.076 ug/ml
9) T Phenanthrene (C19.36)	10.851	2563243	19.123 ug/ml
10) T Anthracene (C19.43)	10.925	2291456	17.265 ug/ml
12) T Fluoranthene (C21.85)	12.665	2580369	18.985 ug/ml
13) T Pyrene (C20.8)	12.964	2521553	18.936 ug/ml
14) T Benzo[a]anthracene (C...	14.835	2485188	18.935 ug/ml
15) T Chrysene (C27.41)	14.878	2510380	19.147 ug/ml
16) T benzo[b]fluoranthene ...	16.388	2485295	19.426 ug/ml
17) T Bnezo[k]fluoranthene ...	16.420	2416600	19.511 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.768	2442905	19.511 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2410537	20.033 ug/ml
20) T Dibenz[a,h]anthracene...	18.170	2399600	20.326 ug/ml
21) T Benzo[g,h,i]perylene ...	18.388	2406136	20.307 ug/ml

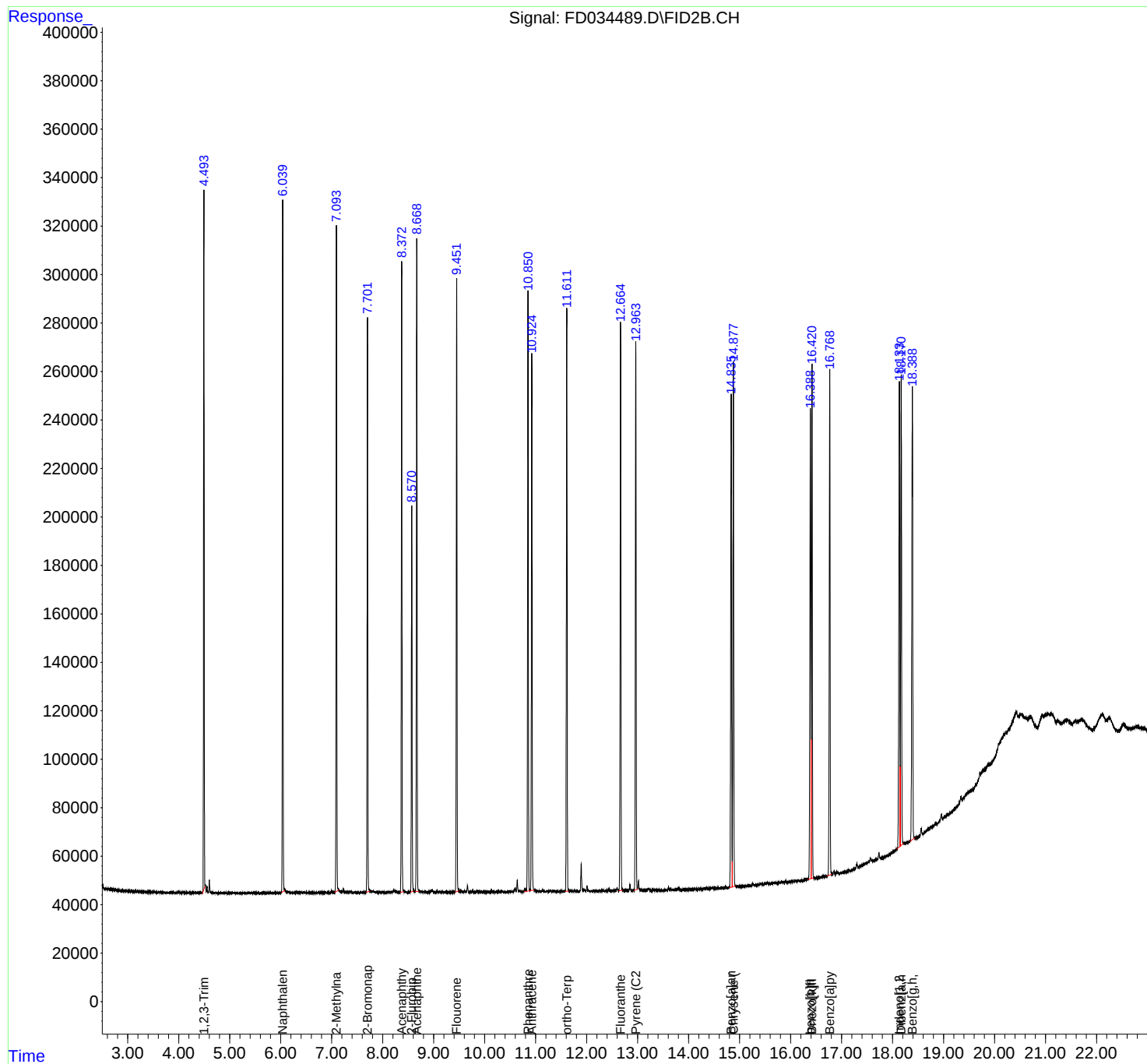
(f)=RT Delta > 1/2 Window

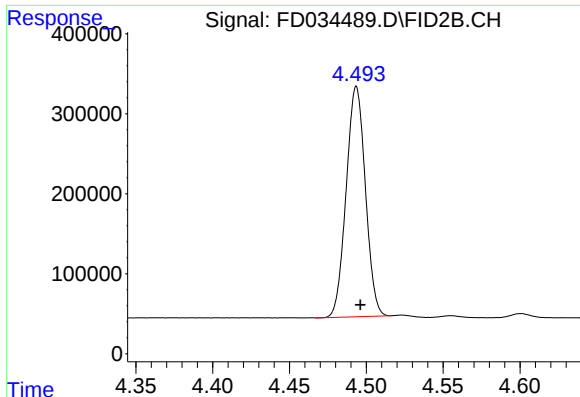
(m)=manual int.

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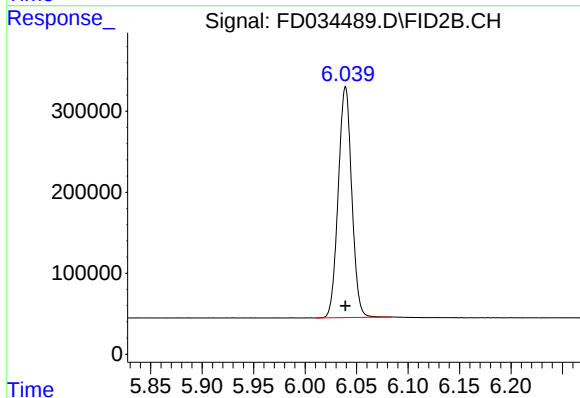
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





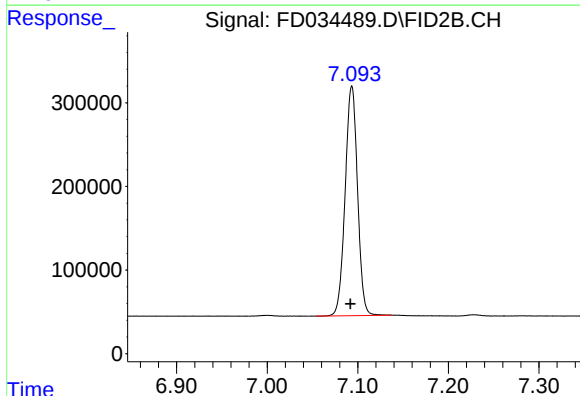
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.002 min
Response: 2504164
Conc: 19.65 ug/ml



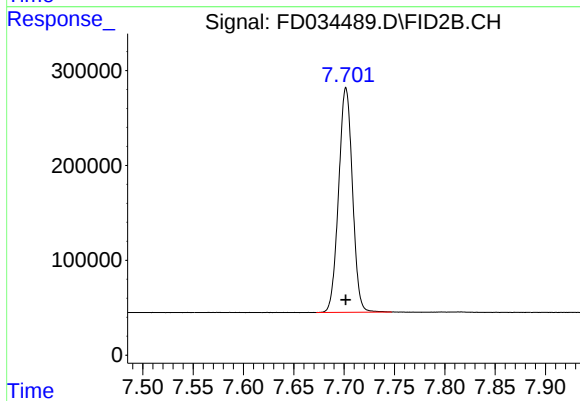
#2 Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 2602961
Conc: 19.46 ug/ml



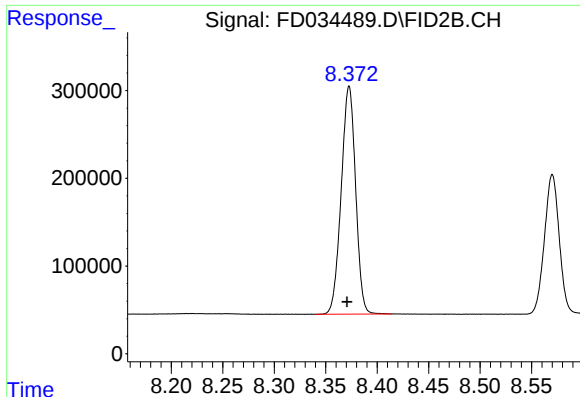
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.001 min
Response: 2607810
Conc: 19.32 ug/ml



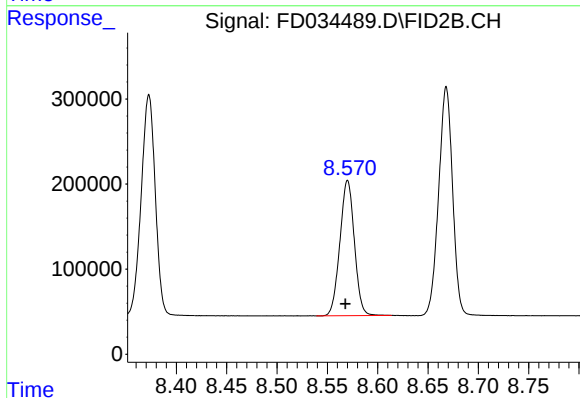
#4 2-Bromonaphthalene (SURR)

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 2262280
Conc: 19.35 ug/ml



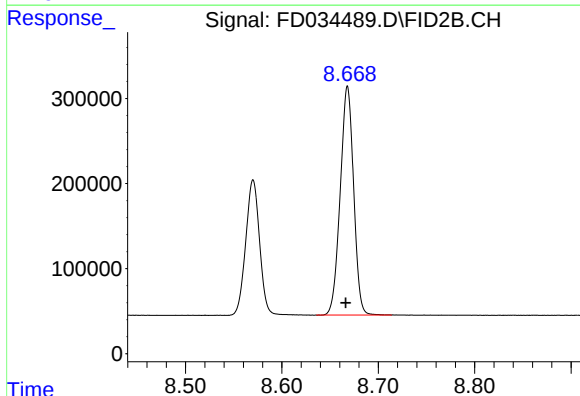
#5 Acenaphthylene (C15.06)

R.T.: 8.373 min
Delta R.T.: 0.002 min
Response: 2532911
Conc: 19.14 ug/ml



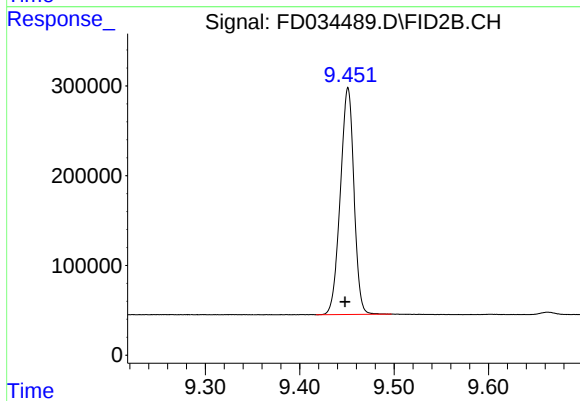
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.570 min
Delta R.T.: 0.002 min
Response: 1589403
Conc: 19.17 ug/ml



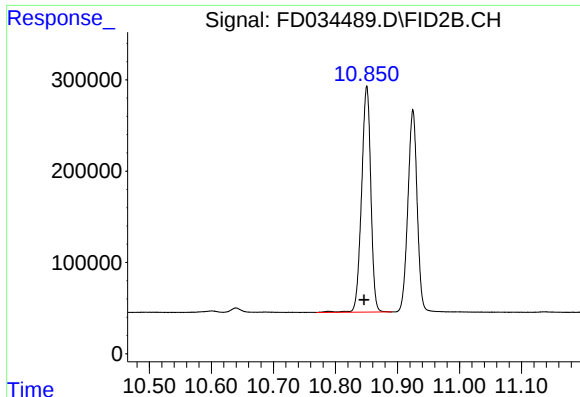
#7 Acenaphthene (C15.5)

R.T.: 8.668 min
Delta R.T.: 0.002 min
Response: 2589794
Conc: 19.26 ug/ml



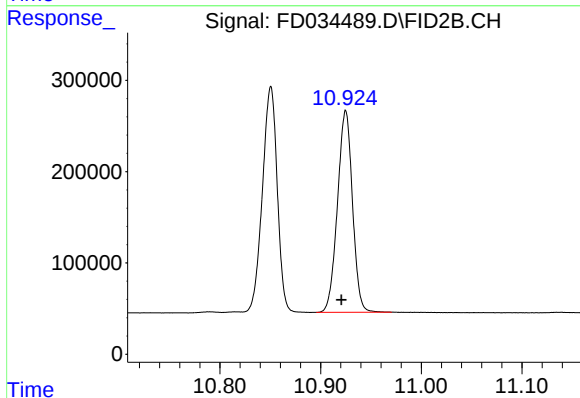
#8 Fluorene (C16.55)

R.T.: 9.451 min
Delta R.T.: 0.003 min
Response: 2535464
Conc: 19.08 ug/ml



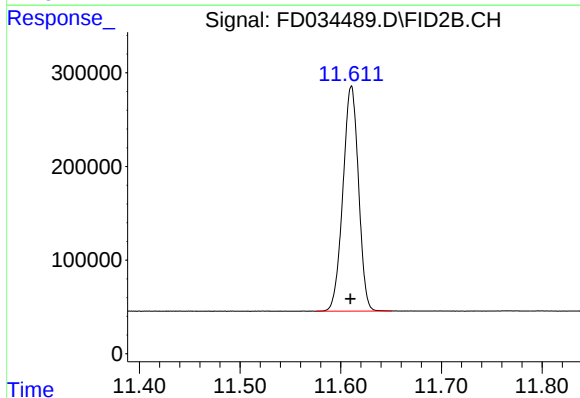
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.005 min
Response: 2563243
Conc: 19.12 ug/ml



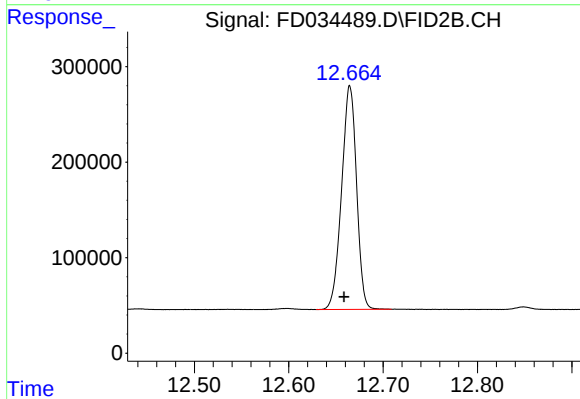
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: 0.004 min
Response: 2291456
Conc: 17.27 ug/ml



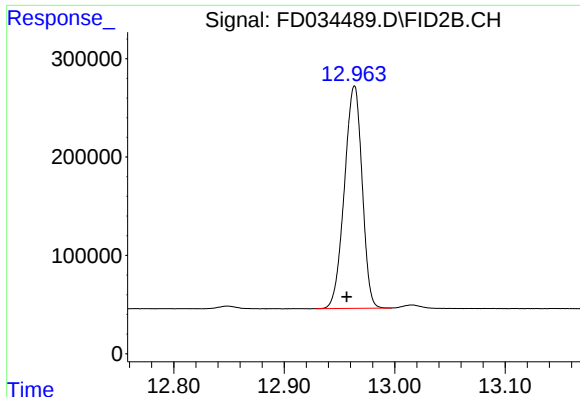
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 2586714
Conc: 19.03 ug/ml



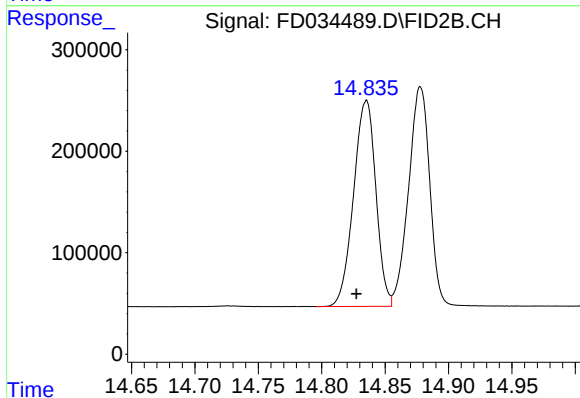
#12 Fluoranthene (C21.85)

R.T.: 12.665 min
Delta R.T.: 0.006 min
Response: 2580369
Conc: 18.99 ug/ml



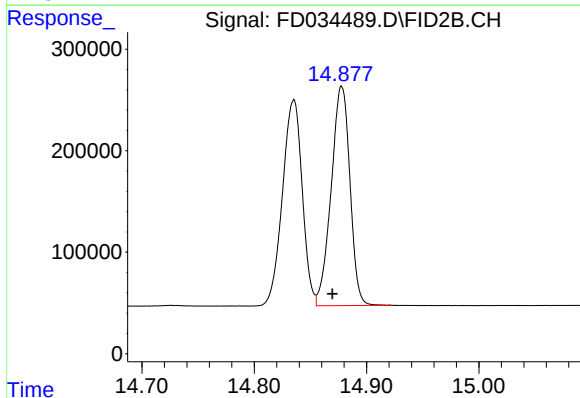
#13 Pyrene (C20.8)

R.T.: 12.964 min
Delta R.T.: 0.007 min
Response: 2521553
Conc: 18.94 ug/ml



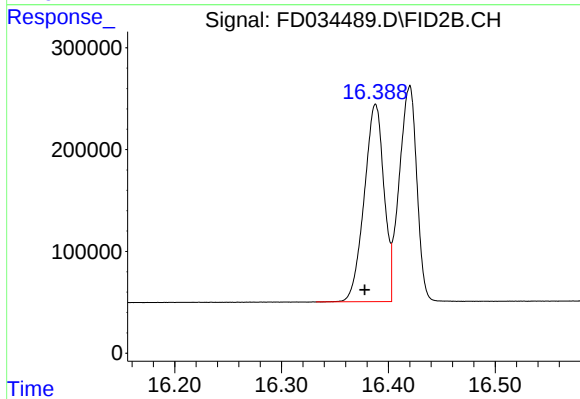
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.835 min
Delta R.T.: 0.008 min
Response: 2485188
Conc: 18.94 ug/ml



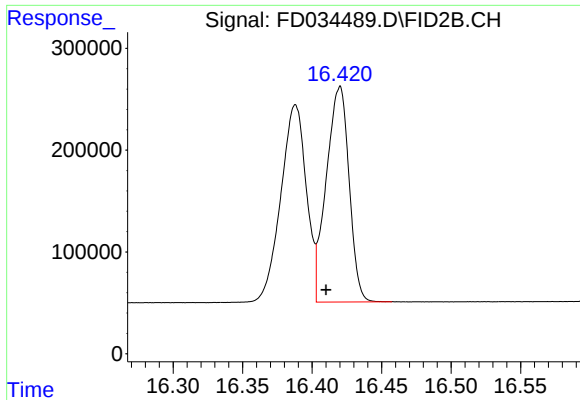
#15 Chrysene (C27.41)

R.T.: 14.878 min
Delta R.T.: 0.008 min
Response: 2510380
Conc: 19.15 ug/ml



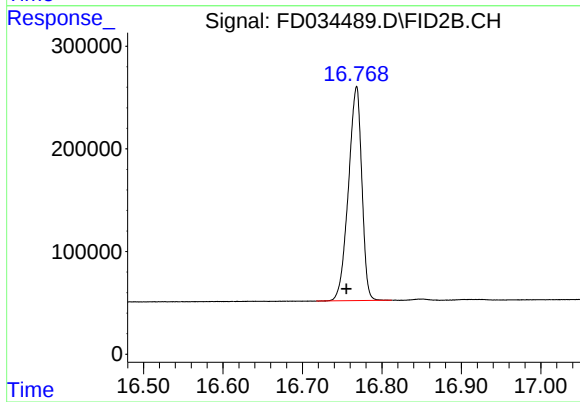
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.388 min
Delta R.T.: 0.010 min
Response: 2485295
Conc: 19.43 ug/ml



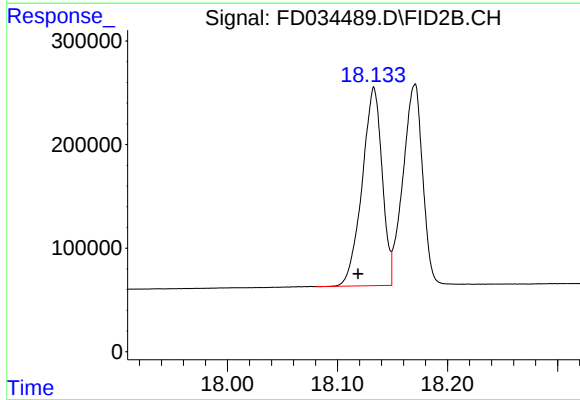
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.420 min
Delta R.T.: 0.010 min
Response: 2416600
Conc: 19.51 ug/ml



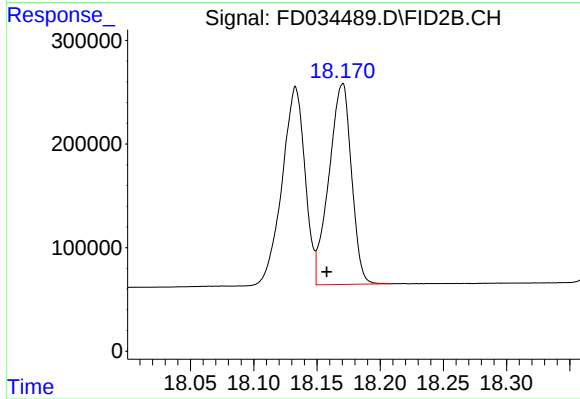
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.768 min
Delta R.T.: 0.013 min
Response: 2442905
Conc: 19.51 ug/ml



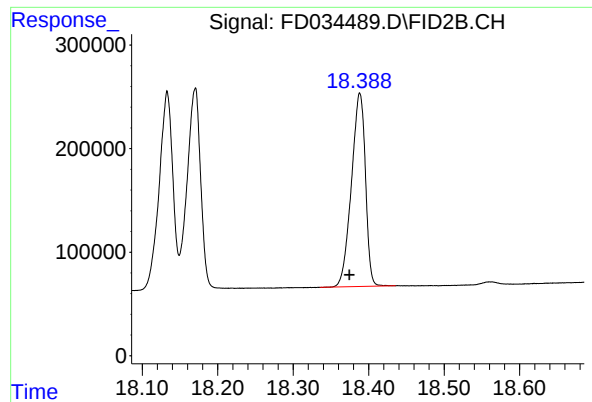
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.014 min
Response: 2410537
Conc: 20.03 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.013 min
Response: 2399600
Conc: 20.33 ug/ml



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

R.T.: 18.388 min
Delta R.T.: 0.014 min
Response: 2406136
Conc: 20.31 ug/ml