

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081320AR\
 Data File : FD034467.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2020 11:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 14 12:04:14 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...	7.700	2087513	17.856 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
6) S 2-Fluorobiphenyl (SURR)	8.567	1466808	17.693 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.39%
11) S ortho-Terphenyl (SURR)	11.608	2363899	17.395 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2323005	18.225 ug/ml
2) T Naphthalene (C11.7)	6.037	2411613	18.026 ug/ml
3) T 2-Methylnaphthalene (...)	7.091	2412922	17.876 ug/ml
5) T Acenaphthylene (C15.06)	8.369	2319169	17.524 ug/ml
7) T Acenaphthene (C15.5)	8.665	2383351	17.722 ug/ml
8) T Flouorene (C16.55)	9.446	2329605	17.527 ug/ml
9) T Phenanthrene (C19.36)	10.845	2312846	17.255 ug/ml
10) T Anthracene (C19.43)	10.920	2158219	16.261 ug/ml
12) T Fluoranthene (C21.85)	12.659	2339270	17.211 ug/ml
13) T Pyrene (C20.8)	12.957	2286123	17.168 ug/ml
14) T Benzo[a]anthracene (C...	14.828	2267346	17.275 ug/ml
15) T Chrysene (C27.41)	14.870	2288841	17.458 ug/ml
16) T benzo[b]fluoranthene ...	16.379	2306008	18.025 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	2236543	18.058 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.758	2266597	18.103 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.123	2288851	19.022 ug/ml
20) T Dibenz[a,h]anthracene...	18.162	2289830	19.397 ug/ml
21) T Benzo[g,h,i]perylene ...	18.378	2254068	19.023 ug/ml

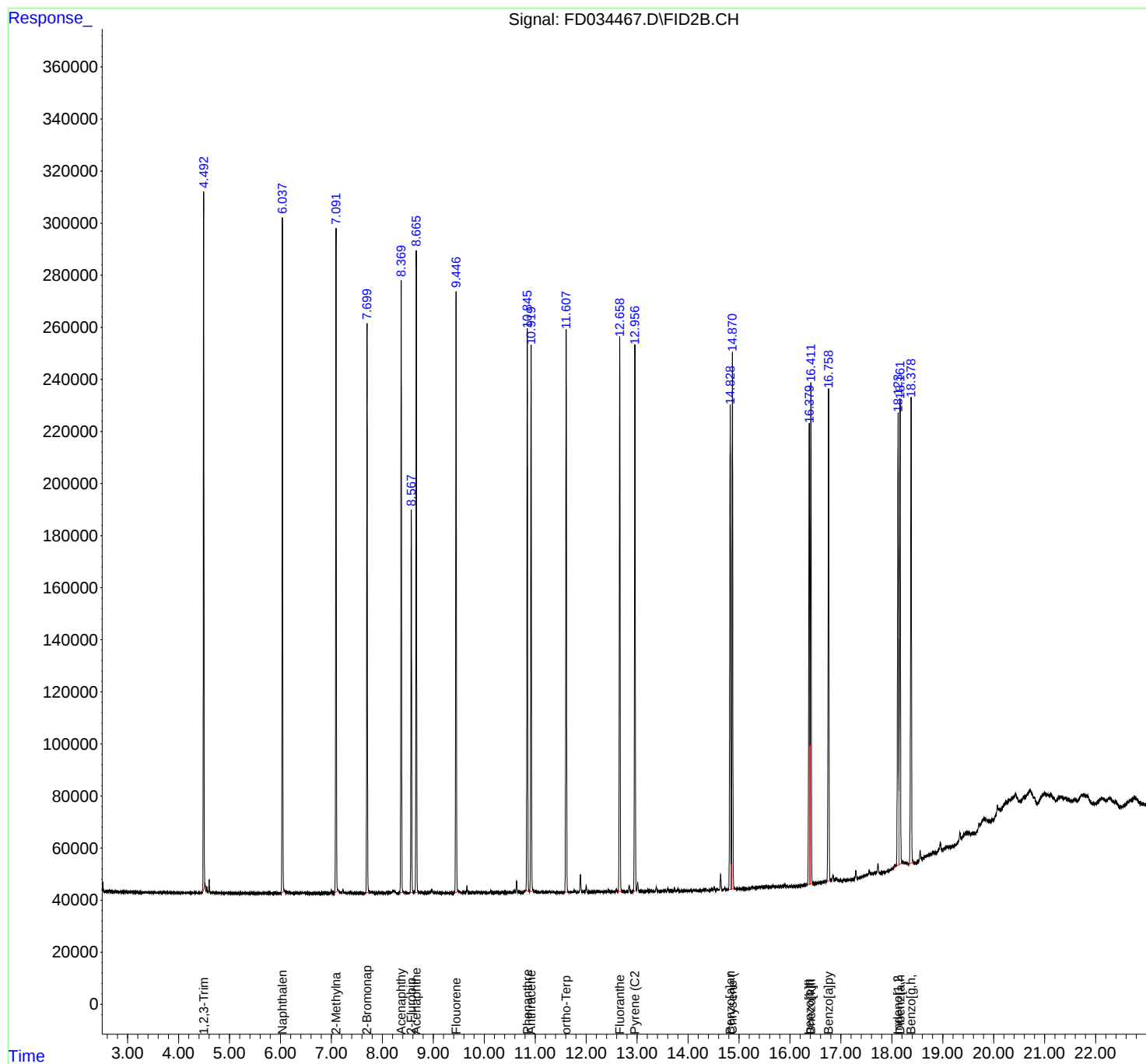
(f)=RT Delta > 1/2 Window

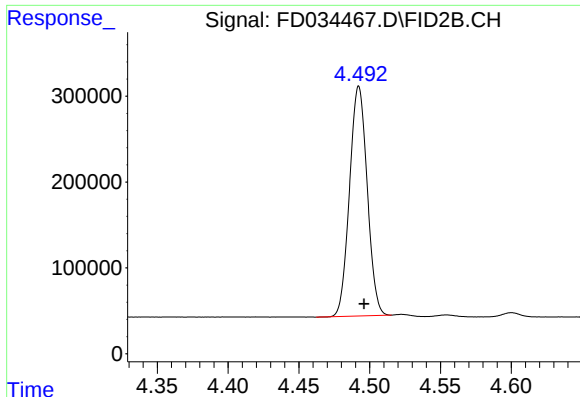
(m)=manual int.

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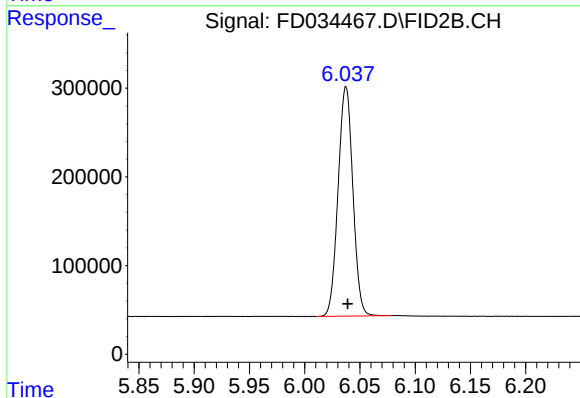
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





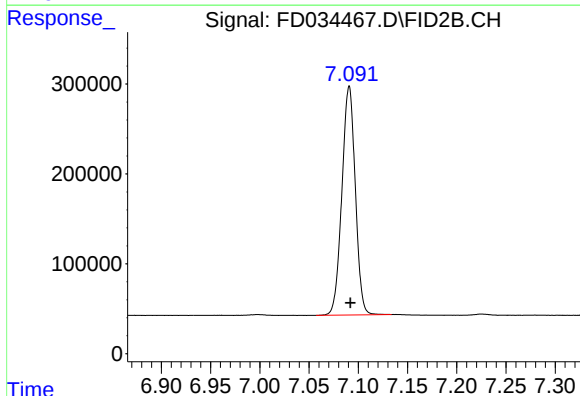
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min
Delta R.T.: -0.004 min
Response: 2323005
Conc: 18.23 ug/ml



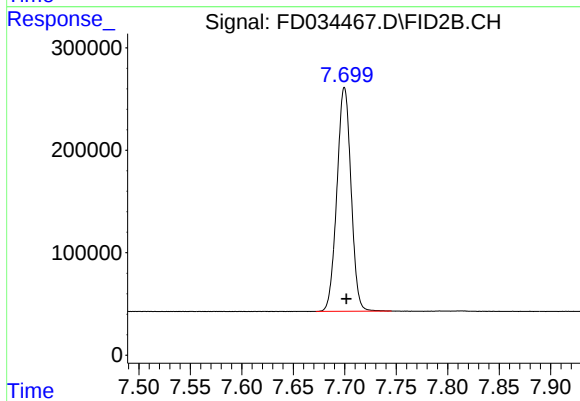
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 2411613
Conc: 18.03 ug/ml



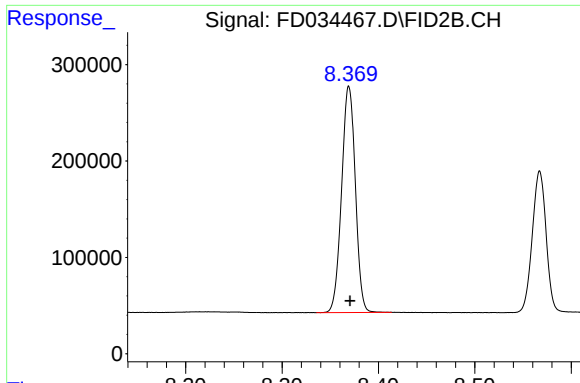
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.091 min
Delta R.T.: -0.001 min
Response: 2412922
Conc: 17.88 ug/ml



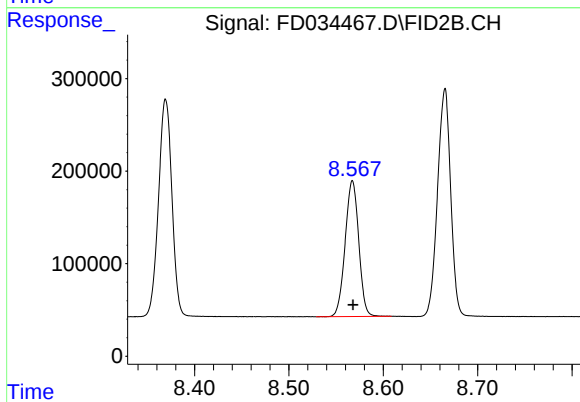
#4 2-Bromonaphthalene (SURR)

R.T.: 7.700 min
Delta R.T.: -0.002 min
Response: 2087513
Conc: 17.86 ug/ml



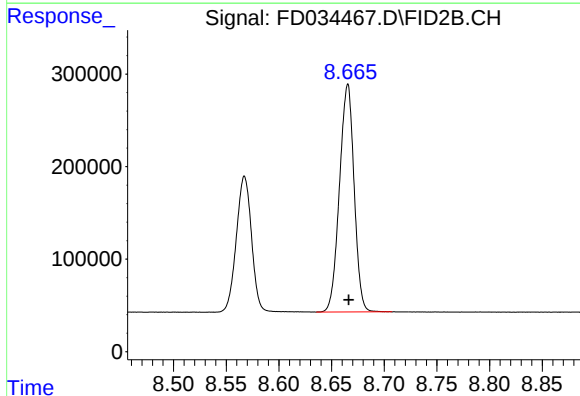
#5 Acenaphthylene (C15.06)

R.T.: 8.369 min
Delta R.T.: -0.001 min
Response: 2319169
Conc: 17.52 ug/ml



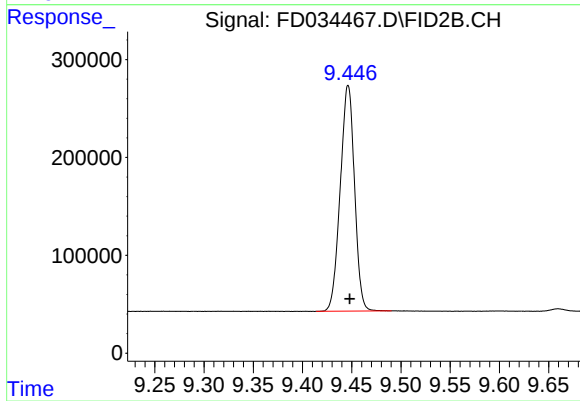
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 1466808
Conc: 17.69 ug/ml



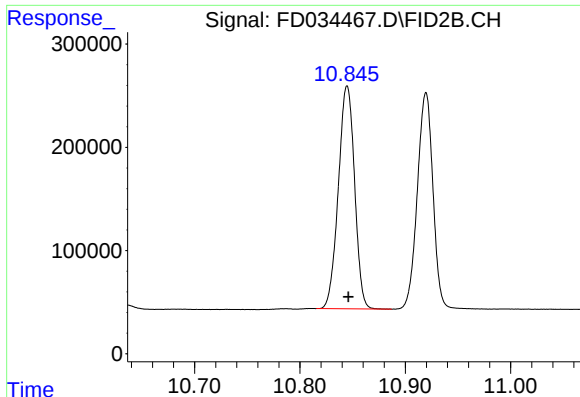
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 2383351
Conc: 17.72 ug/ml



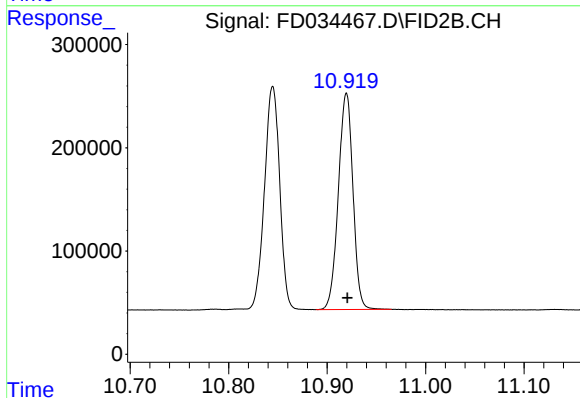
#8 Flouorene (C16.55)

R.T.: 9.446 min
Delta R.T.: -0.002 min
Response: 2329605
Conc: 17.53 ug/ml



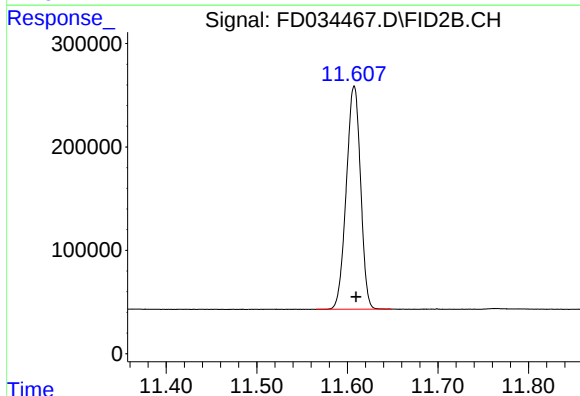
#9 Phenanthrene (C19.36)

R.T.: 10.845 min
Delta R.T.: -0.001 min
Response: 2312846
Conc: 17.25 ug/ml



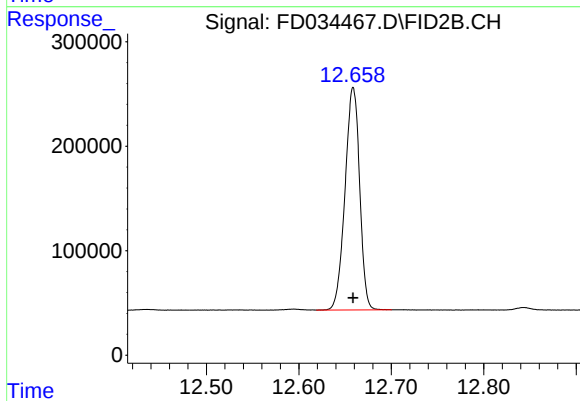
#10 Anthracene (C19.43)

R.T.: 10.920 min
Delta R.T.: 0.000 min
Response: 2158219
Conc: 16.26 ug/ml



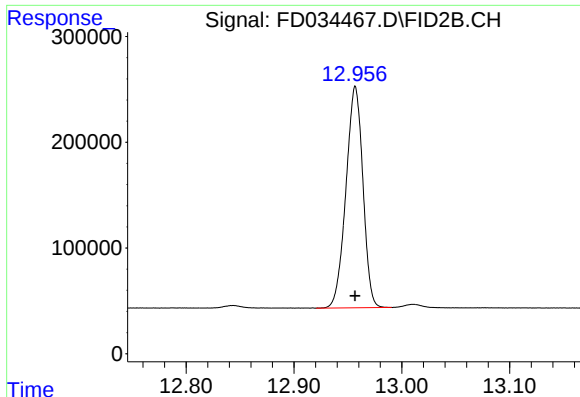
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.002 min
Response: 2363899
Conc: 17.39 ug/ml



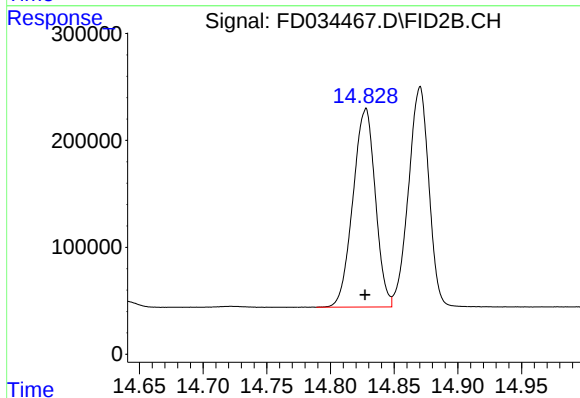
#12 Fluoranthene (C21.85)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 2339270
Conc: 17.21 ug/ml



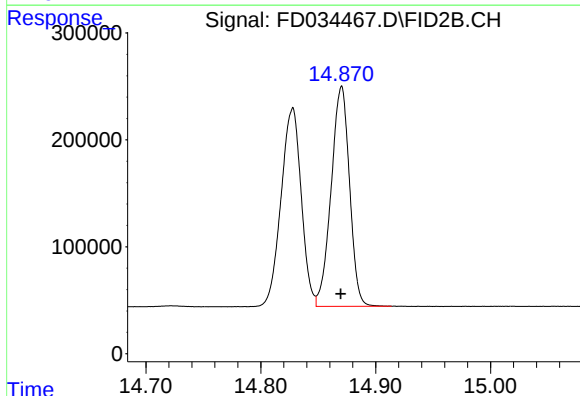
#13 Pyrene (C20.8)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 2286123
Conc: 17.17 ug/ml



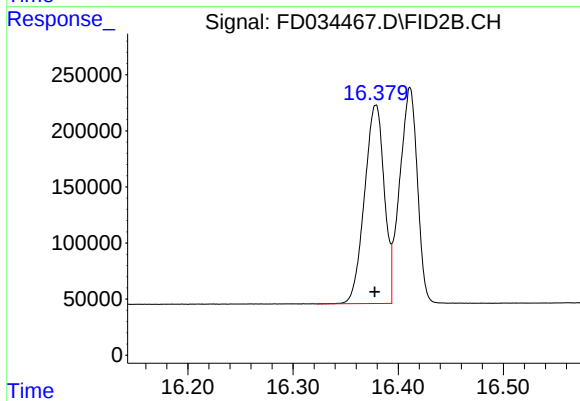
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.000 min
Response: 2267346
Conc: 17.28 ug/ml



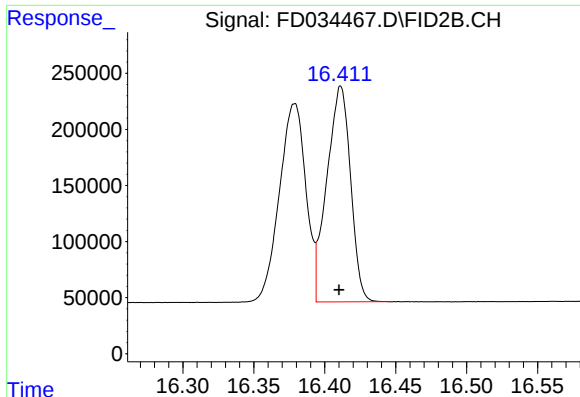
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.000 min
Response: 2288841
Conc: 17.46 ug/ml



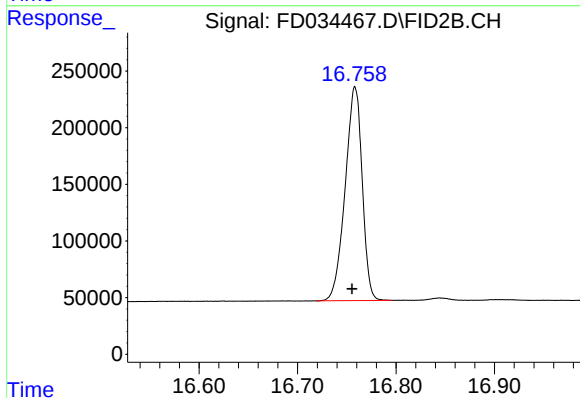
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.379 min
Delta R.T.: 0.001 min
Response: 2306008
Conc: 18.02 ug/ml



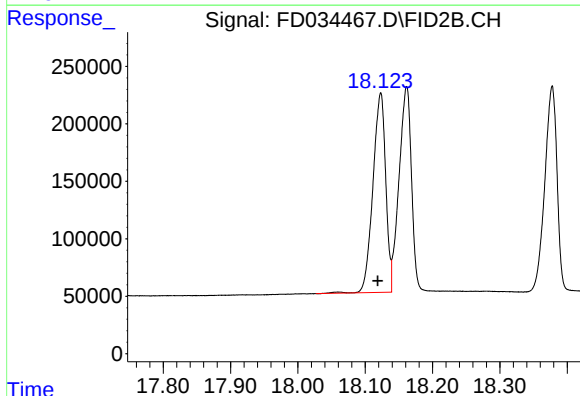
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.411 min
Delta R.T.: 0.001 min
Response: 2236543
Conc: 18.06 ug/ml



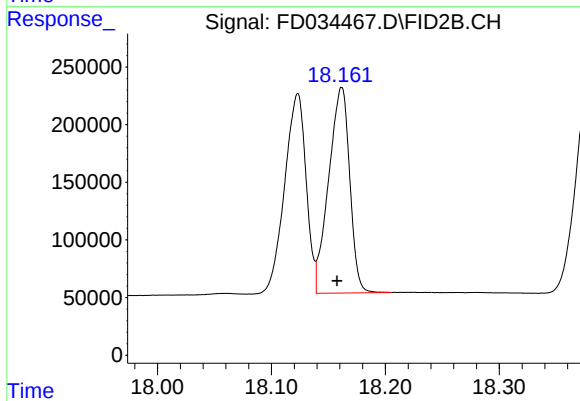
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.758 min
Delta R.T.: 0.003 min
Response: 2266597
Conc: 18.10 ug/ml



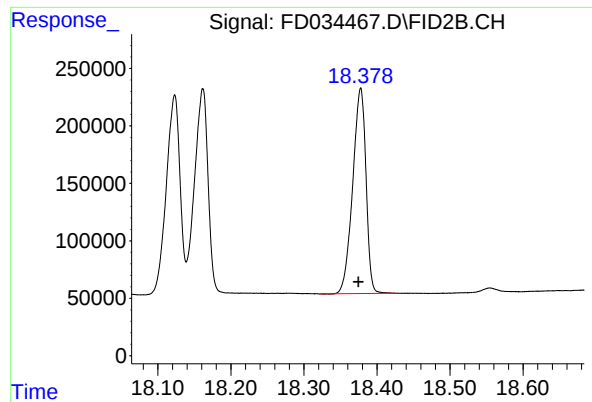
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.123 min
Delta R.T.: 0.004 min
Response: 2288851
Conc: 19.02 ug/ml



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

R.T.: 18.162 min
Delta R.T.: 0.004 min
Response: 2289830
Conc: 19.40 ug/ml



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

R.T.: 18.378 min
Delta R.T.: 0.003 min
Response: 2254068
Conc: 19.02 ug/ml