

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010721AR\
 Data File : FD035944.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2021 15:48
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 08 00:55:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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...	7.580	2115543	19.386 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
6) S 2-Fluorobiphenyl (SURR)	8.448	1327043	19.114 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.23%
11) S ortho-Terphenyl (SURR)	11.476	2453676	18.983 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.381	2462531	19.765 ug/ml
2) T Naphthalene (C11.7)	5.920	2466028	19.513 ug/ml
3) T 2-Methylnaphthalene (...)	6.971	2396472	18.946 ug/ml
5) T Acenaphthylene (C15.06)	8.244	2398704	18.961 ug/ml
7) T Acenaphthene (C15.5)	8.538	2601758	19.182 ug/ml
8) T Flouorene (C16.55)	9.322	2355335	19.178 ug/ml
9) T Phenanthrene (C19.36)	10.720	2256049	18.498 ug/ml
10) T Anthracene (C19.43)	10.797	2055138	16.421 ug/ml
12) T Fluoranthene (C21.85)	12.532	2264977	18.586 ug/ml
13) T Pyrene (C20.8)	12.829	2243693	18.338 ug/ml
14) T Benzo[a]anthracene (C...	14.705	1888132	19.203 ug/ml
15) T Chrysene (C27.41)	14.746	2297004	18.746 ug/ml
16) T benzo[b]fluoranthene ...	16.259	1987088	20.865 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.290	2183126	19.821 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	1910401	20.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.012	1923964	23.761 ug/mlm
20) T Dibenz[a,h]anthracene...	18.045	2337572	21.876 ug/ml
21) T Benzo[g,h,i]perylene ...	18.265	2112834	22.853 ug/ml

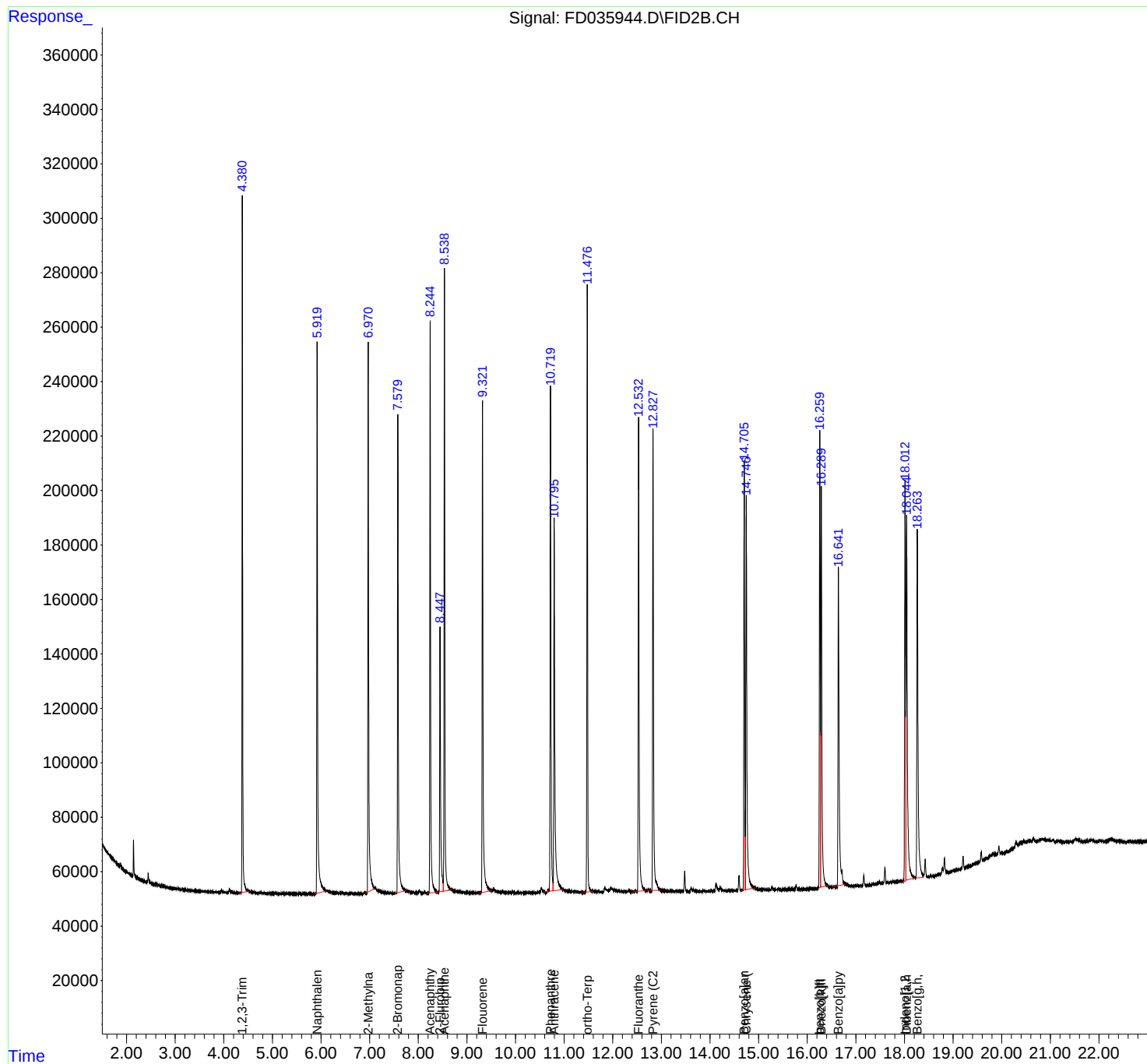
(f)=RT Delta > 1/2 Window

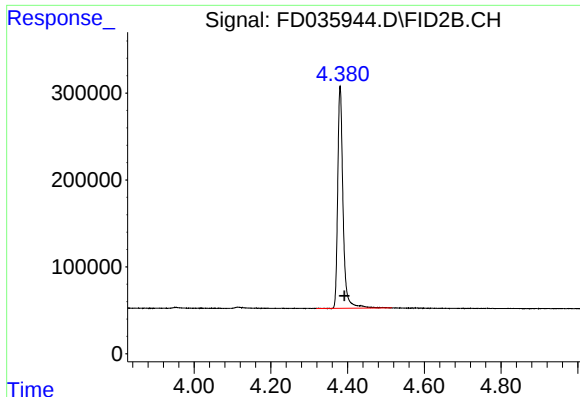
(m)=manual int.

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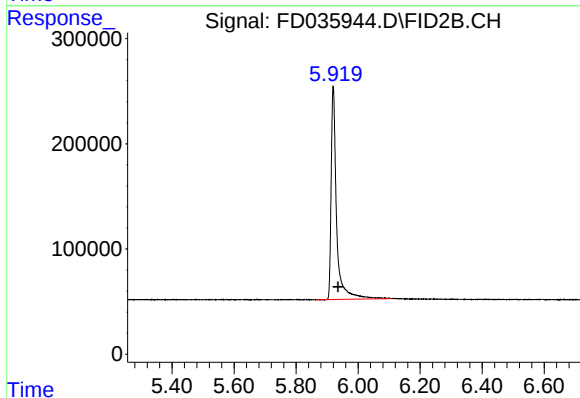
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





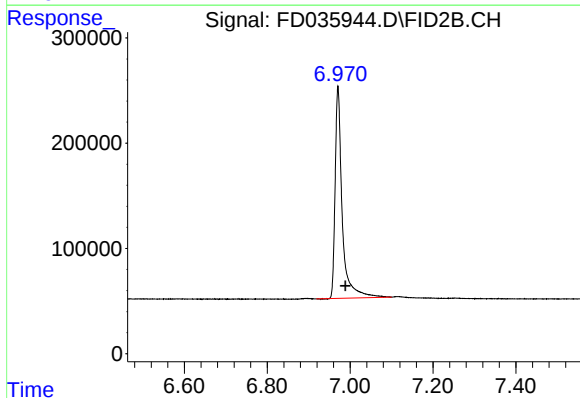
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.381 min
Delta R.T.: -0.011 min
Response: 2462531
Conc: 19.76 ug/ml



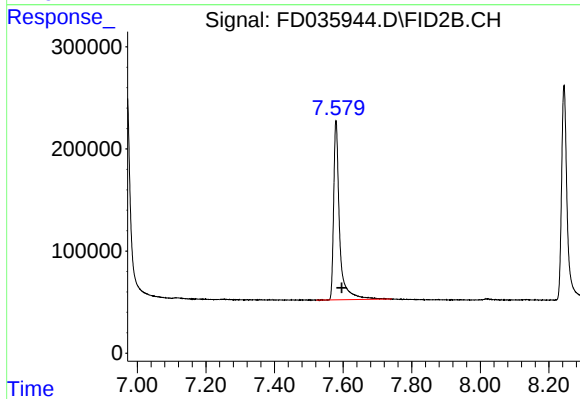
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.016 min
Response: 2466028
Conc: 19.51 ug/ml



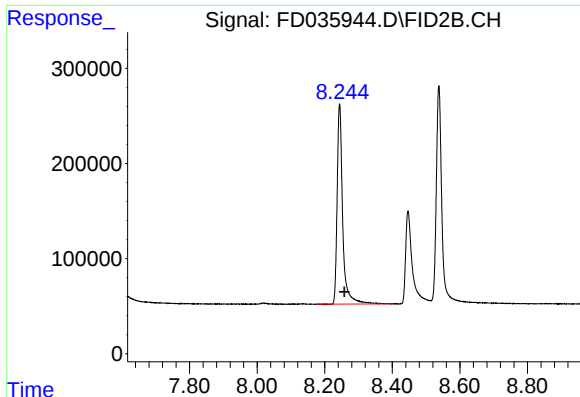
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.017 min
Response: 2396472
Conc: 18.95 ug/ml



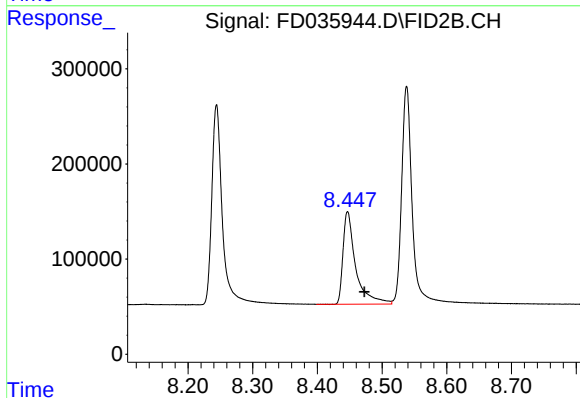
#4 2-Bromonaphthalene (SURR)

R.T.: 7.580 min
Delta R.T.: -0.016 min
Response: 2115543
Conc: 19.39 ug/ml



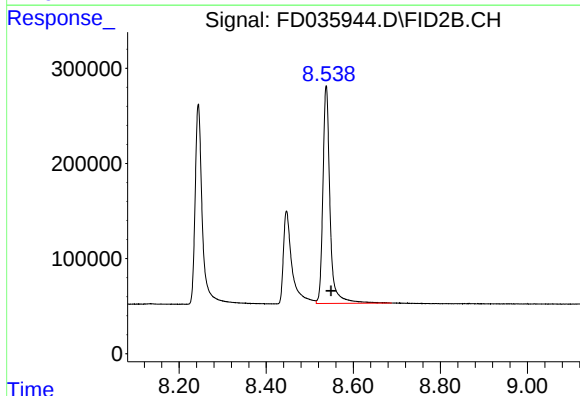
#5 Acenaphthylene (C15.06)

R.T.: 8.244 min
Delta R.T.: -0.014 min
Response: 2398704
Conc: 18.96 ug/ml



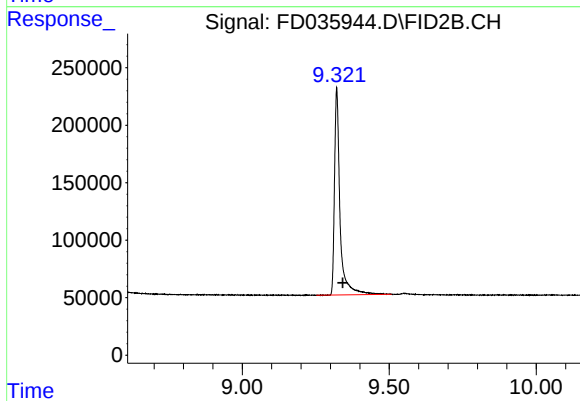
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.025 min
Response: 1327043
Conc: 19.11 ug/ml



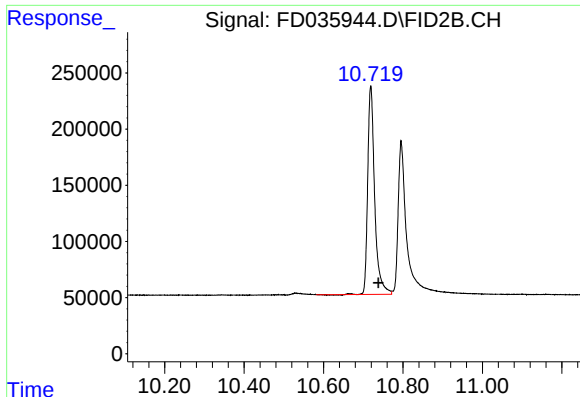
#7 Acenaphthene (C15.5)

R.T.: 8.538 min
Delta R.T.: -0.011 min
Response: 2601758
Conc: 19.18 ug/ml



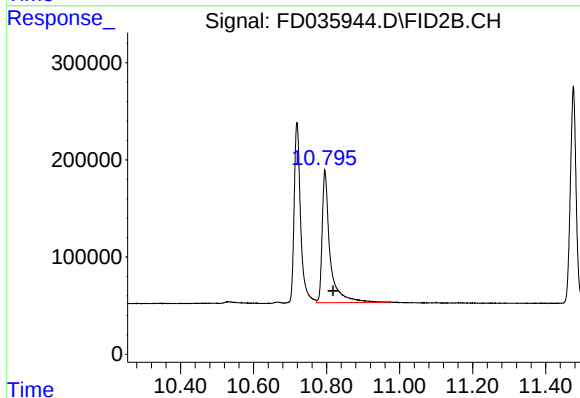
#8 Flouorene (C16.55)

R.T.: 9.322 min
Delta R.T.: -0.020 min
Response: 2355335
Conc: 19.18 ug/ml



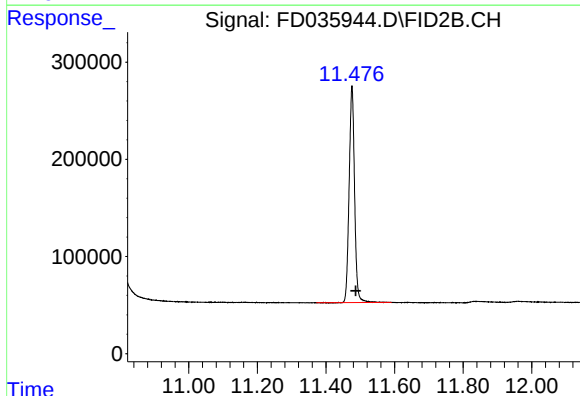
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.019 min
Response: 2256049
Conc: 18.50 ug/ml



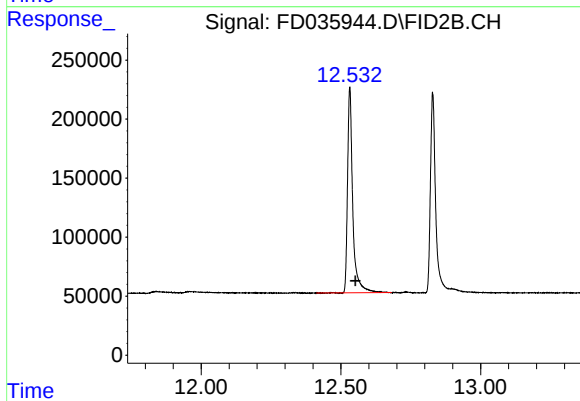
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.021 min
Response: 2055138
Conc: 16.42 ug/ml



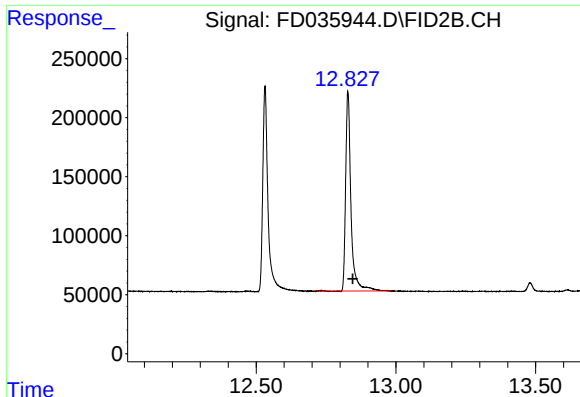
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: -0.011 min
Response: 2453676
Conc: 18.98 ug/ml



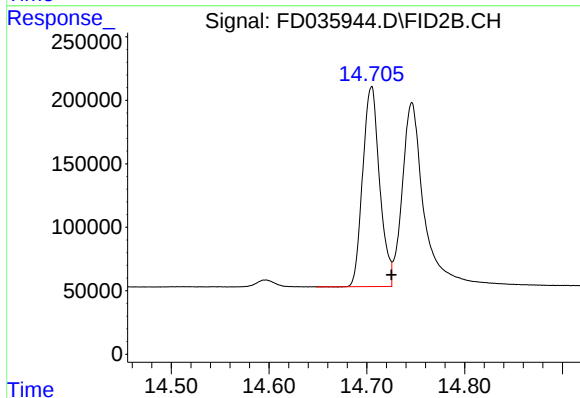
#12 Fluoranthene (C21.85)

R.T.: 12.532 min
Delta R.T.: -0.019 min
Response: 2264977
Conc: 18.59 ug/ml



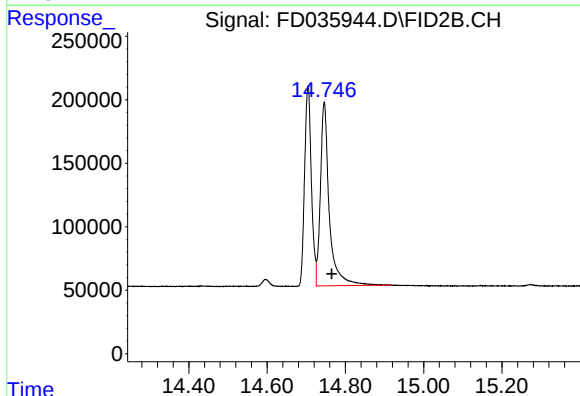
#13 Pyrene (C20.8)

R.T.: 12.829 min
Delta R.T.: -0.017 min
Response: 2243693
Conc: 18.34 ug/ml



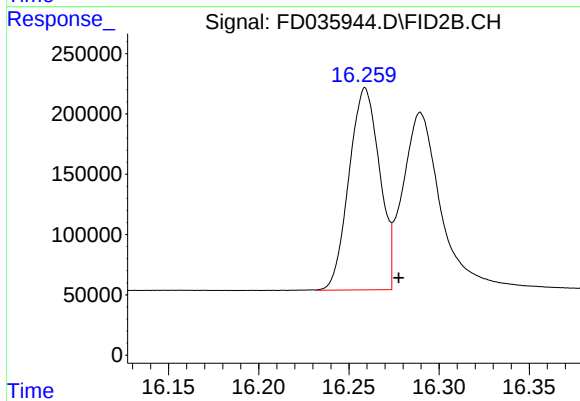
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: -0.021 min
Response: 1888132
Conc: 19.20 ug/ml



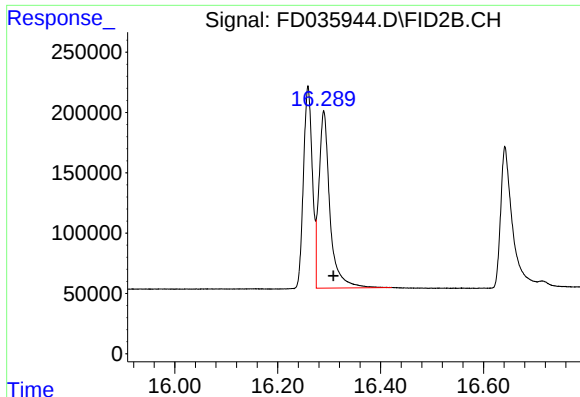
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: -0.019 min
Response: 2297004
Conc: 18.75 ug/ml



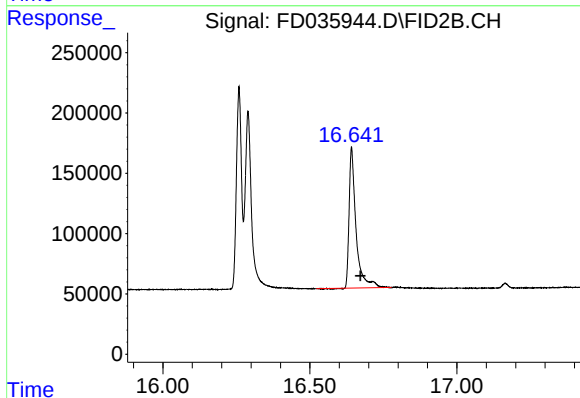
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.259 min
Delta R.T.: -0.019 min
Response: 1987088
Conc: 20.87 ug/ml m



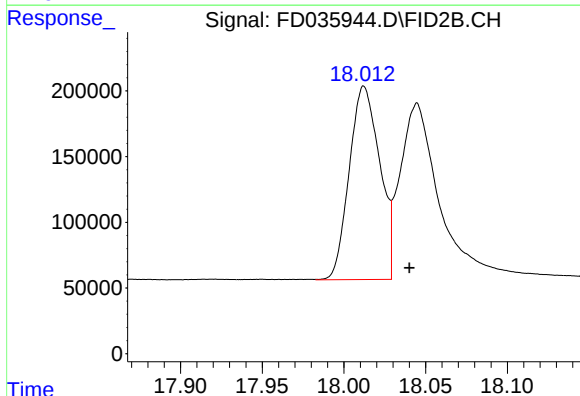
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.290 min
Delta R.T.: -0.019 min
Response: 2183126
Conc: 19.82 ug/ml



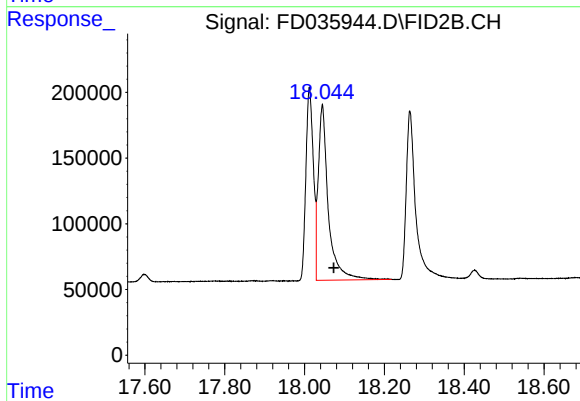
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.029 min
Response: 1910401
Conc: 20.98 ug/ml



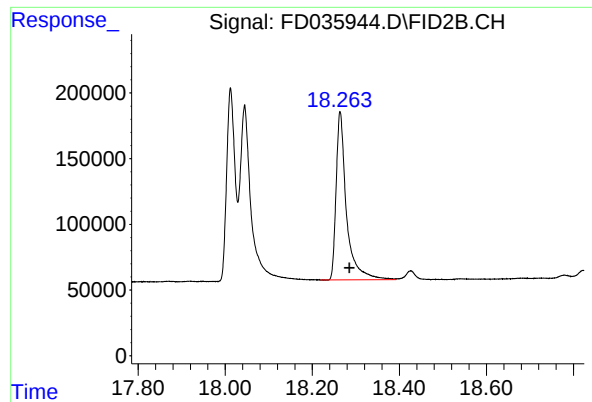
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.012 min
Delta R.T.: -0.029 min
Response: 1923964
Conc: 23.76 ug/ml m



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

R.T.: 18.045 min
Delta R.T.: -0.029 min
Response: 2337572
Conc: 21.88 ug/ml



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

R.T.: 18.265 min
Delta R.T.: -0.021 min
Response: 2112834
Conc: 22.85 ug/ml