

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050920AR\
 Data File : FD033437.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2020 18:19
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 02:44:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 12:57:17 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...	7.589	2184273	19.857 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
6) S 2-Fluorobiphenyl (SURR)	8.453	1451929	19.644 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.29%
11) S ortho-Terphenyl (SURR)	11.484	2380347	18.284 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	2378172	20.551 ug/ml
2) T Naphthalene (C11.7)	5.932	2417825	20.323 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	2394159	19.823 ug/ml
5) T Acenaphthylene (C15.06)	8.254	2329850	19.321 ug/ml
7) T Acenaphthene (C15.5)	8.549	2434270	19.313 ug/ml
8) T Fluorene (C16.55)	9.329	2359945	19.370 ug/ml
9) T Phenanthrene (C19.36)	10.724	2351402	18.627 ug/ml
10) T Anthracene (C19.43)	10.799	2227425	18.303 ug/ml
12) T Fluoranthene (C21.85)	12.536	2368854	18.199 ug/ml
13) T Pyrene (C20.8)	12.832	2345170	18.062 ug/ml
14) T Benzo[a]anthracene (C...	14.705	2239913	18.313 ug/ml
15) T Chrysene (C27.41)	14.747	2314246	17.789 ug/ml
16) T benzo[b]fluoranthene ...	16.260	2284994	18.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.291	2316407	17.941 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.640	2276189	18.399 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.011	2228286	19.041 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	2292605	18.364 ug/ml
21) T Benzo[g,h,i]perylene ...	18.265	2283464	19.004 ug/ml

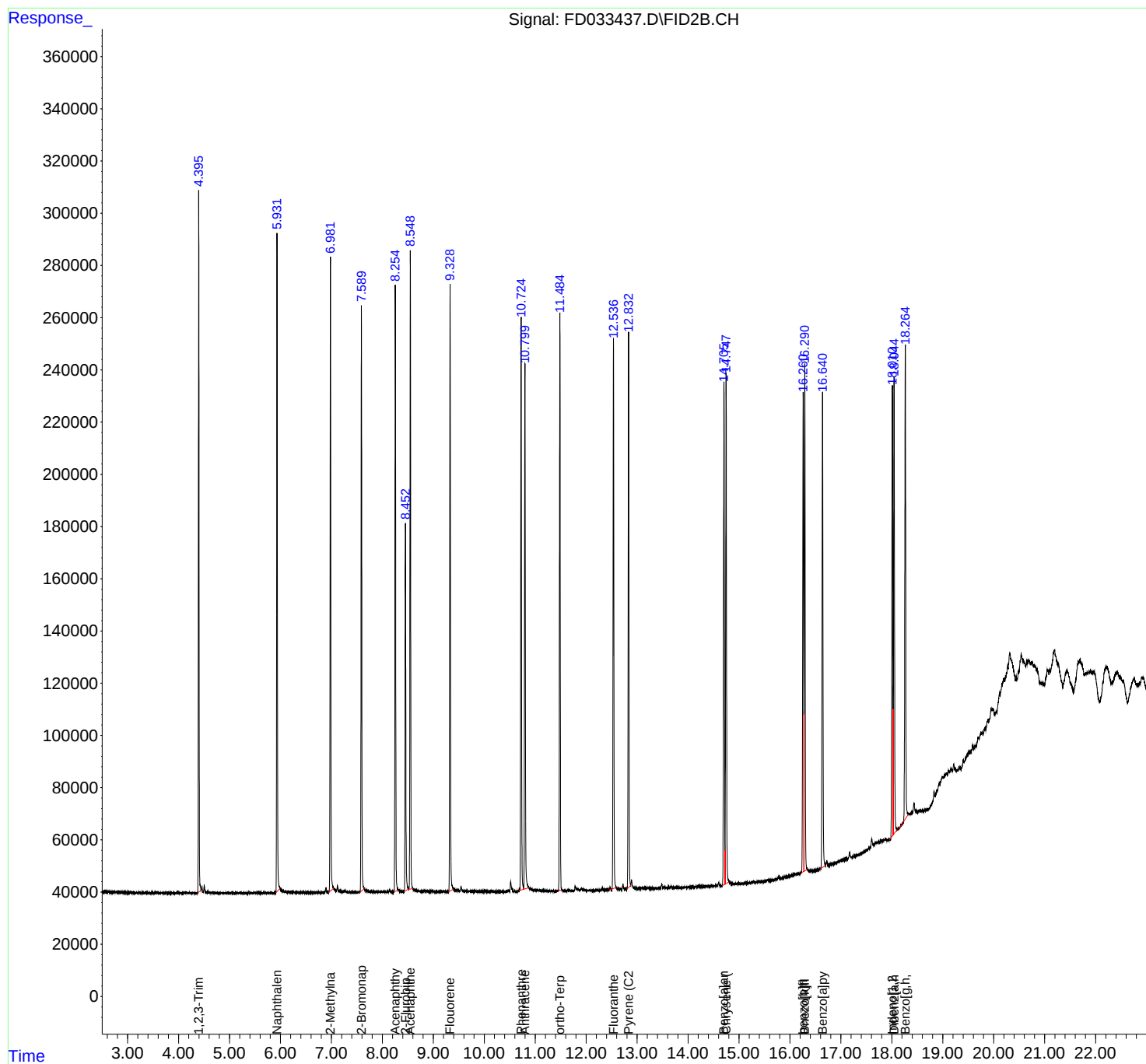
(f)=RT Delta > 1/2 Window

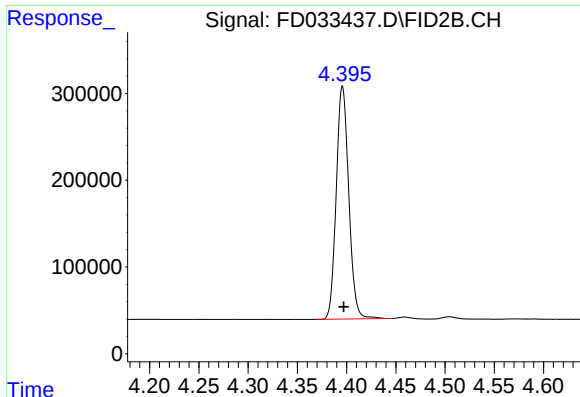
(m)=manual int.

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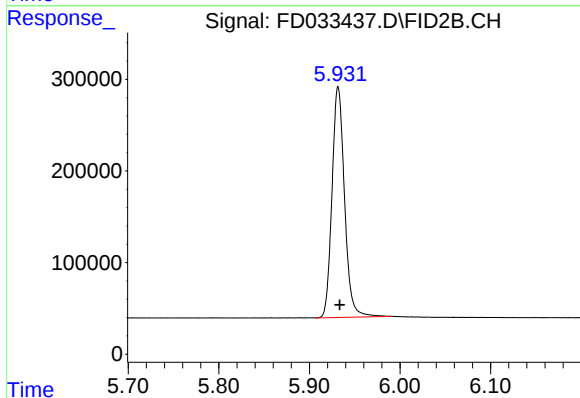
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





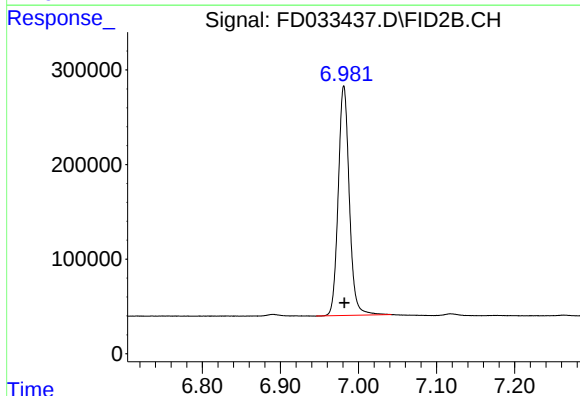
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: -0.001 min
Response: 2378172
Conc: 20.55 ug/ml



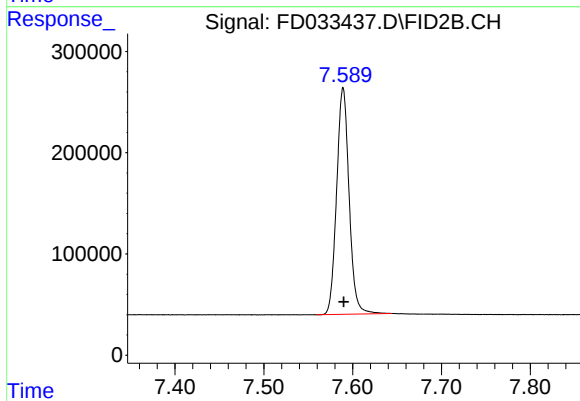
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 2417825
Conc: 20.32 ug/ml



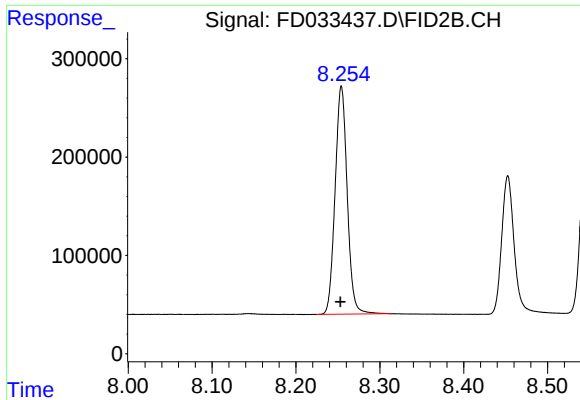
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 2394159
Conc: 19.82 ug/ml



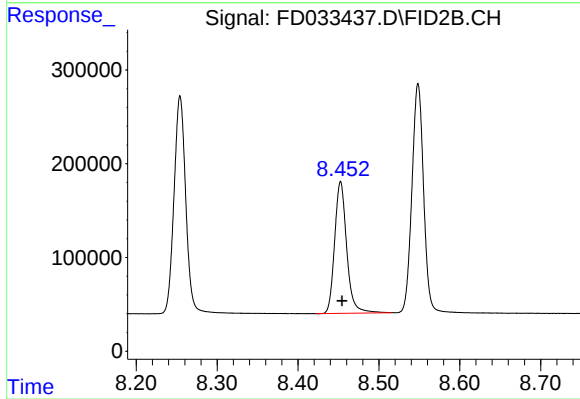
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 2184273
Conc: 19.86 ug/ml



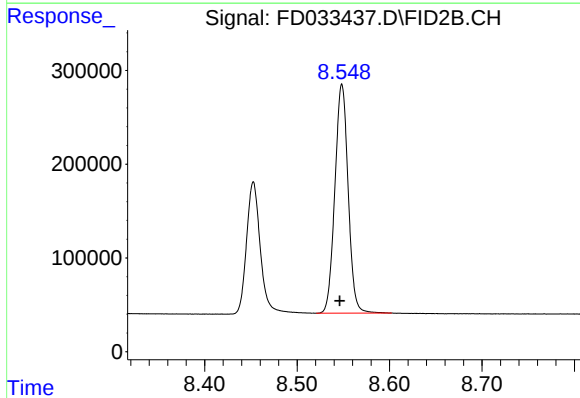
#5 Acenaphthylene (C15.06)

R.T.: 8.254 min
Delta R.T.: 0.001 min
Response: 2329850
Conc: 19.32 ug/ml



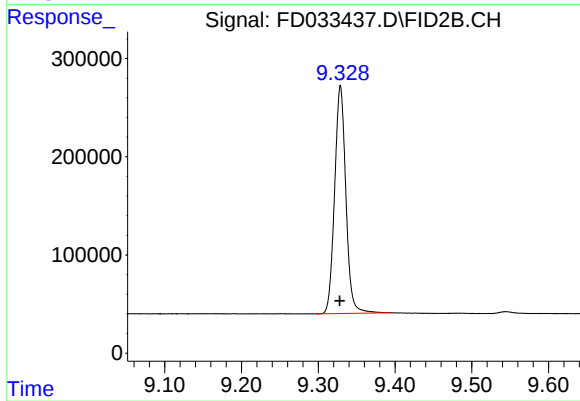
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: -0.002 min
Response: 1451929
Conc: 19.64 ug/ml



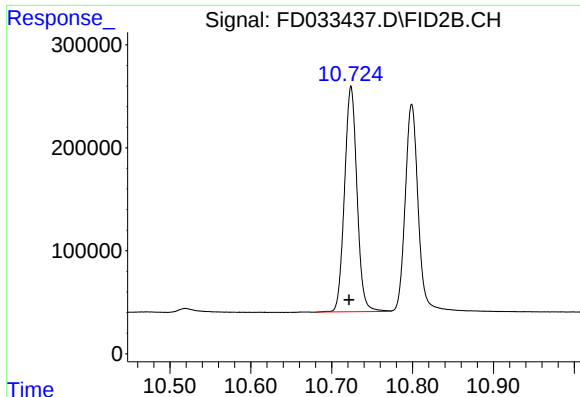
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: 0.002 min
Response: 2434270
Conc: 19.31 ug/ml



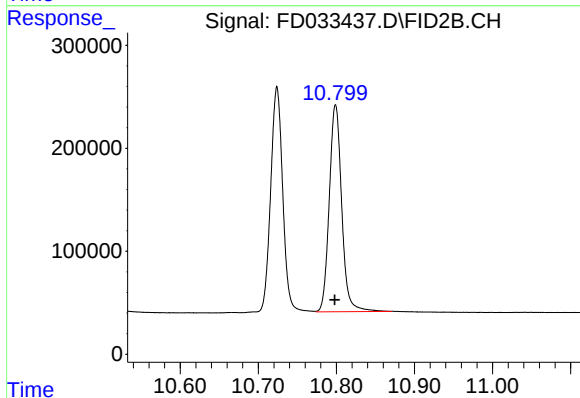
#8 Fluorene (C16.55)

R.T.: 9.329 min
Delta R.T.: 0.000 min
Response: 2359945
Conc: 19.37 ug/ml



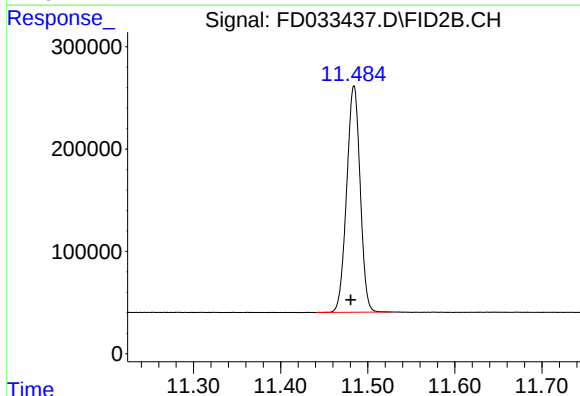
#9 Phenanthrene (C19.36)

R.T.: 10.724 min
Delta R.T.: 0.002 min
Response: 2351402
Conc: 18.63 ug/ml



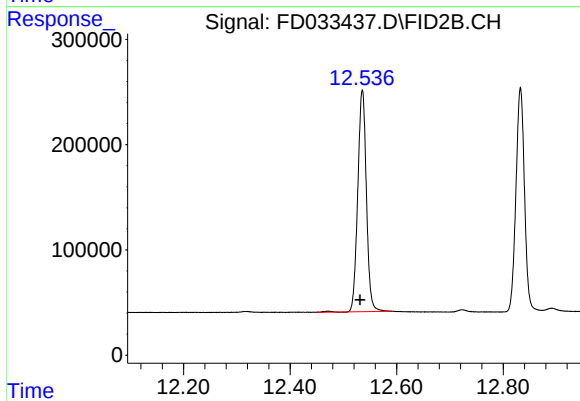
#10 Anthracene (C19.43)

R.T.: 10.799 min
Delta R.T.: 0.000 min
Response: 2227425
Conc: 18.30 ug/ml



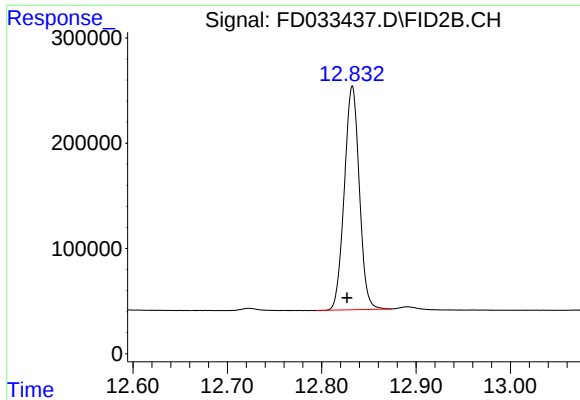
#11 ortho-Terphenyl (SURR)

R.T.: 11.484 min
Delta R.T.: 0.004 min
Response: 2380347
Conc: 18.28 ug/ml



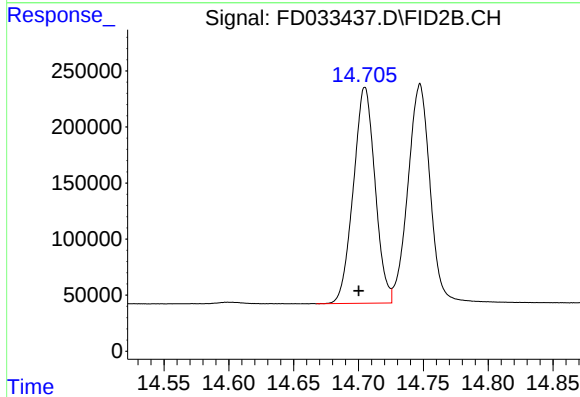
#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: 0.004 min
Response: 2368854
Conc: 18.20 ug/ml



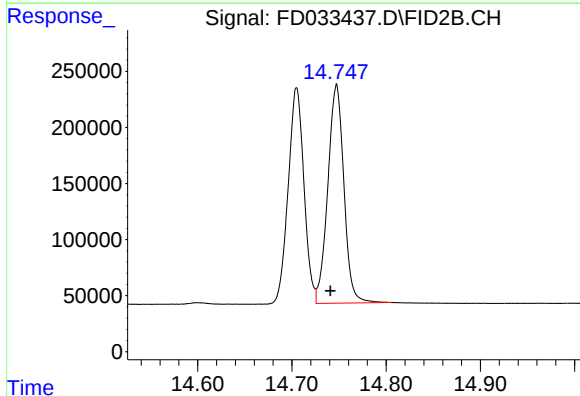
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: 0.006 min
Response: 2345170
Conc: 18.06 ug/ml



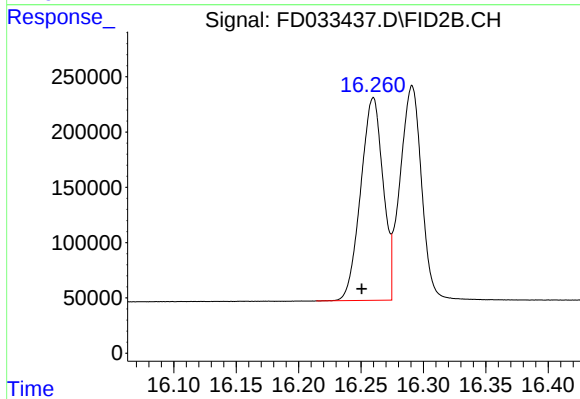
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: 0.005 min
Response: 2239913
Conc: 18.31 ug/ml



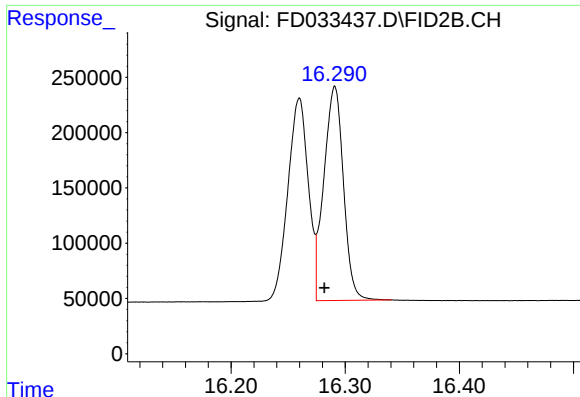
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.006 min
Response: 2314246
Conc: 17.79 ug/ml



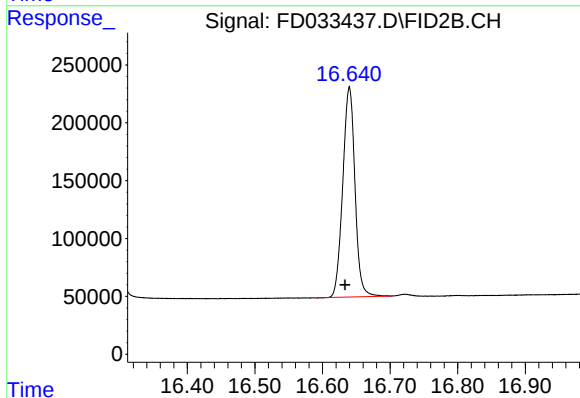
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.260 min
Delta R.T.: 0.009 min
Response: 2284994
Conc: 18.27 ug/ml



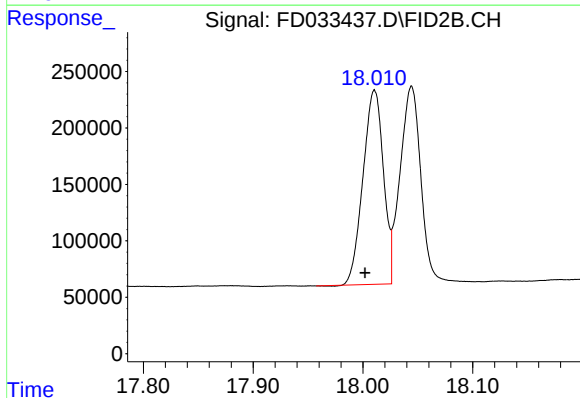
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.291 min
Delta R.T.: 0.009 min
Response: 2316407
Conc: 17.94 ug/ml



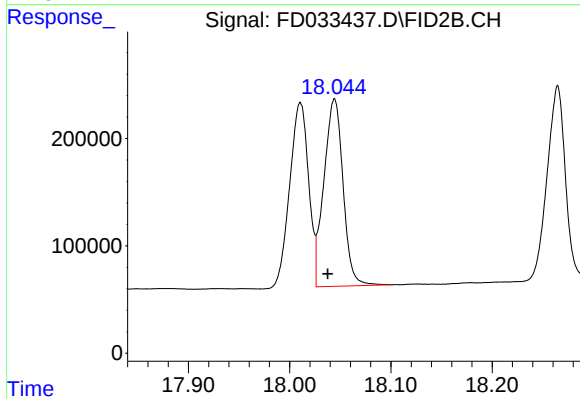
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.640 min
Delta R.T.: 0.006 min
Response: 2276189
Conc: 18.40 ug/ml



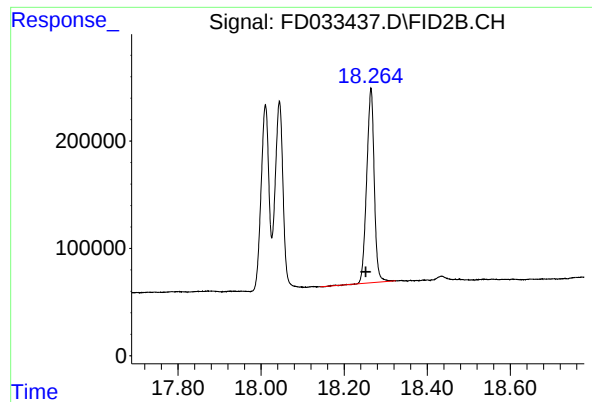
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.011 min
Delta R.T.: 0.009 min
Response: 2228286
Conc: 19.04 ug/ml



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

R.T.: 18.044 min
Delta R.T.: 0.007 min
Response: 2292605
Conc: 18.36 ug/ml



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

R.T.: 18.265 min
Delta R.T.: 0.012 min
Response: 2283464
Conc: 19.00 ug/ml