

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050720AR\
 Data File : FD033322.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2020 14:06
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 16:13:55 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...	7.590	2297349	20.885 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
6) S 2-Fluorobiphenyl (SURR)	8.453	1536954	20.794 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.59%
11) S ortho-Terphenyl (SURR)	11.486	2533080	19.457 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.397	2467722	21.325 ug/ml
2) T Naphthalene (C11.7)	5.933	2540143	21.351 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	2517498	20.844 ug/ml
5) T Acenaphthylene (C15.06)	8.255	2466271	20.452 ug/ml
7) T Acenaphthene (C15.5)	8.550	2571415	20.401 ug/ml
8) T Fluorene (C16.55)	9.330	2494979	20.479 ug/ml
9) T Phenanthrene (C19.36)	10.725	2513009	19.907 ug/ml
10) T Anthracene (C19.43)	10.800	2425111	19.927 ug/ml
12) T Fluoranthene (C21.85)	12.536	2544962	19.552 ug/ml
13) T Pyrene (C20.8)	12.833	2522666	19.429 ug/ml
14) T Benzo[a]anthracene (C...	14.706	2392642	19.562 ug/ml
15) T Chrysene (C27.41)	14.747	2461012	18.917 ug/ml
16) T benzo[b]fluoranthene ...	16.260	2389828	19.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.291	2418280	18.730 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.639	2376324	19.209 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	2313113	19.766 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	2373018	19.009 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	2344705	19.514 ug/ml

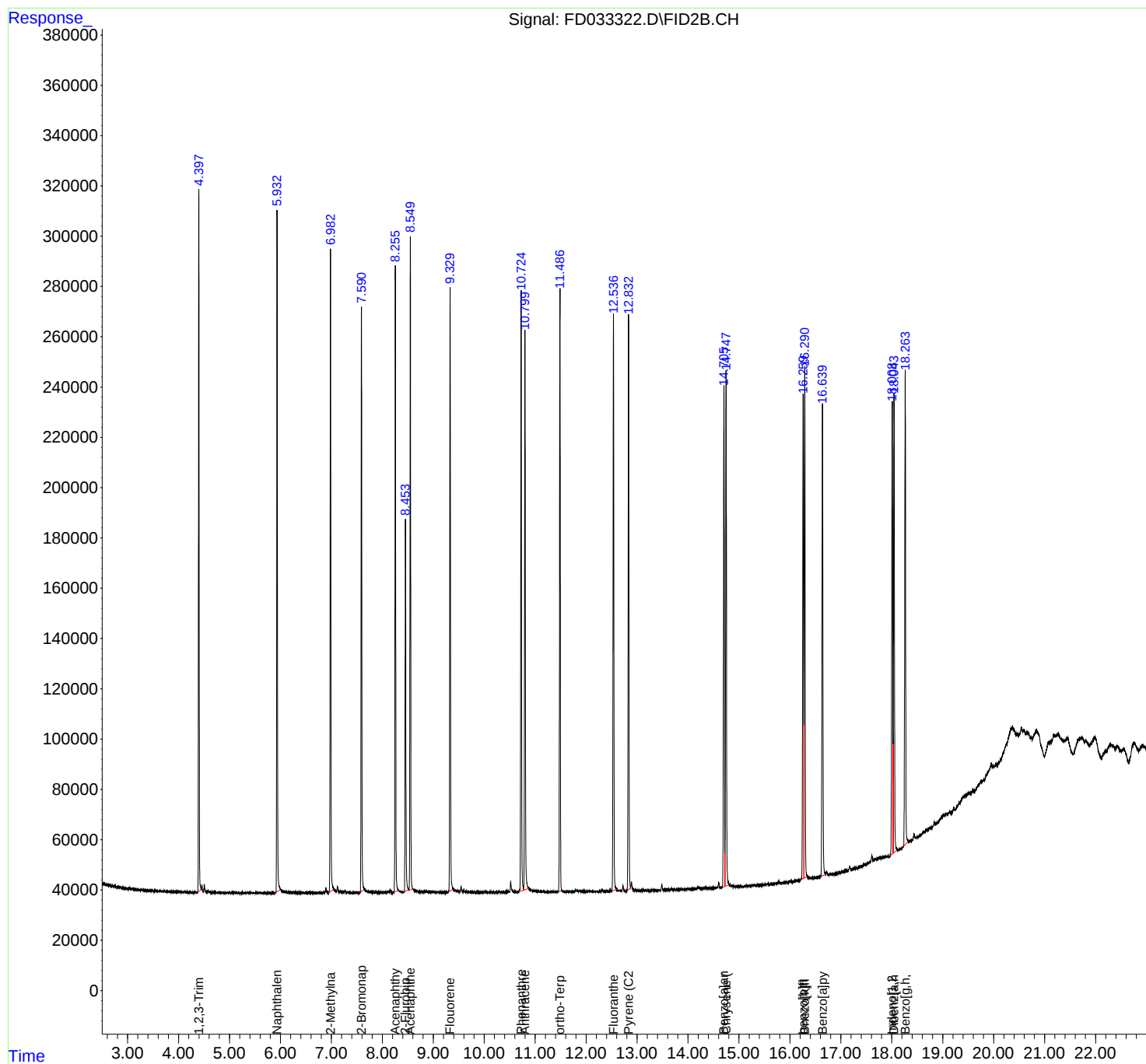
(f)=RT Delta > 1/2 Window

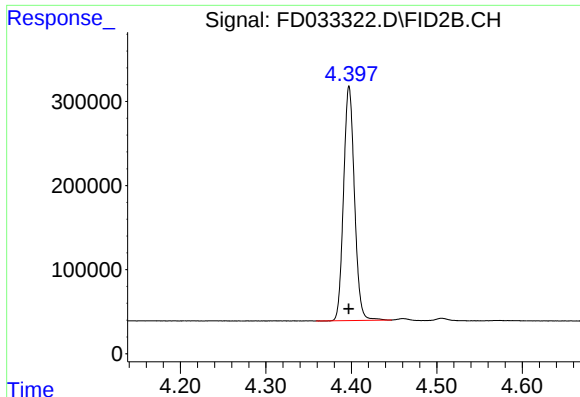
(m)=manual int.

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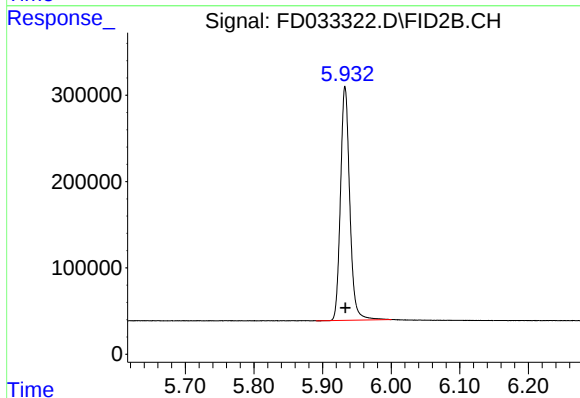
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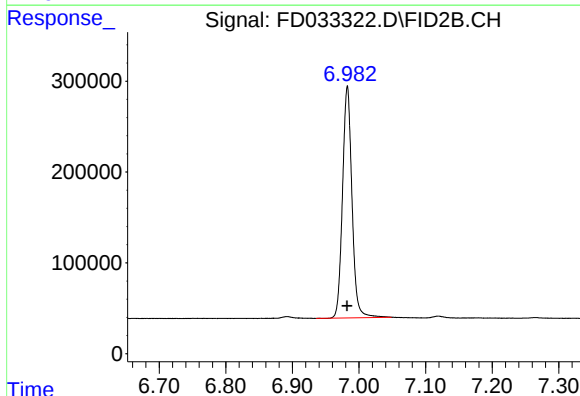
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.397 min
Delta R.T.: 0.000 min
Response: 2467722
Conc: 21.33 ug/ml



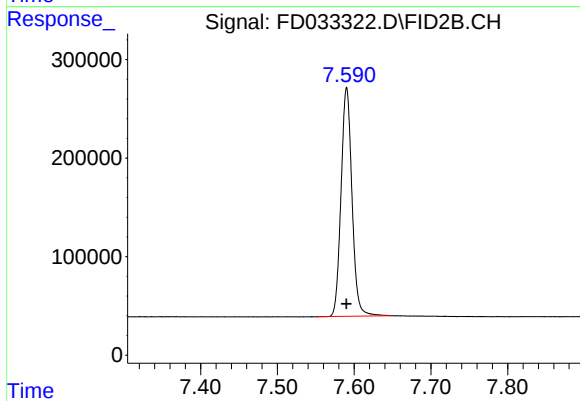
#2 Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 2540143
Conc: 21.35 ug/ml



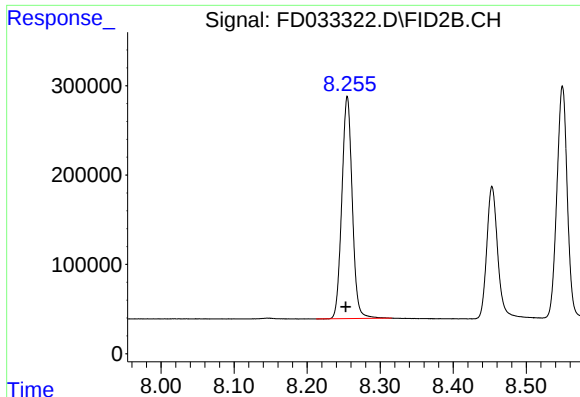
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 2517498
Conc: 20.84 ug/ml



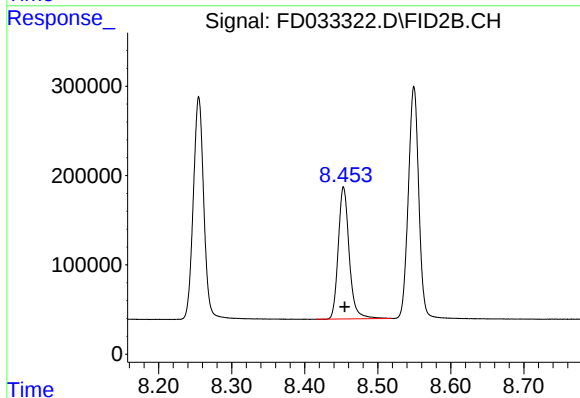
#4 2-Bromonaphthalene (SURR)

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 2297349
Conc: 20.88 ug/ml



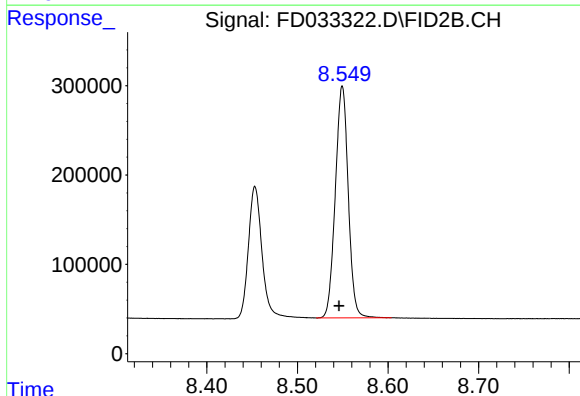
#5 Acenaphthylene (C15.06)

R.T.: 8.255 min
Delta R.T.: 0.002 min
Response: 2466271
Conc: 20.45 ug/ml



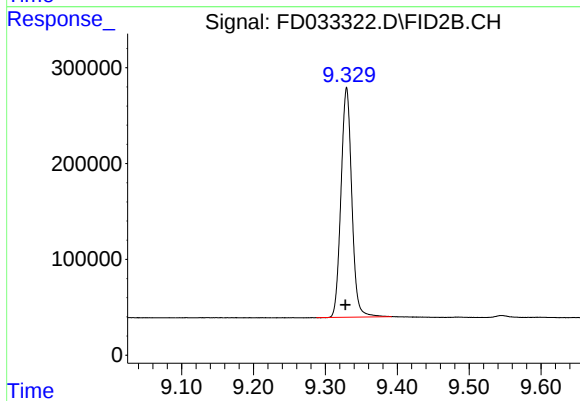
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: -0.001 min
Response: 1536954
Conc: 20.79 ug/ml



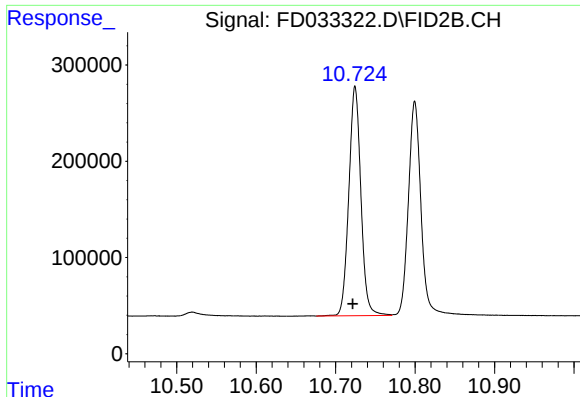
#7 Acenaphthene (C15.5)

R.T.: 8.550 min
Delta R.T.: 0.004 min
Response: 2571415
Conc: 20.40 ug/ml



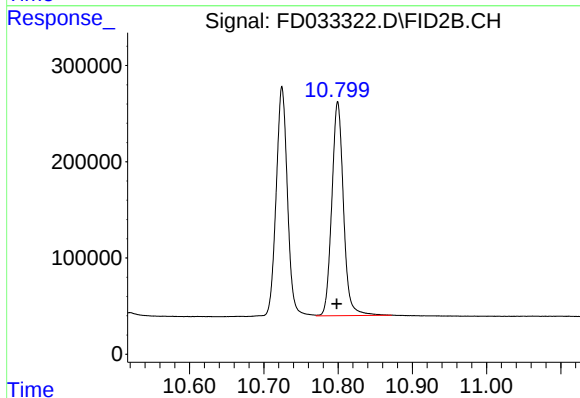
#8 Fluorene (C16.55)

R.T.: 9.330 min
Delta R.T.: 0.001 min
Response: 2494979
Conc: 20.48 ug/ml



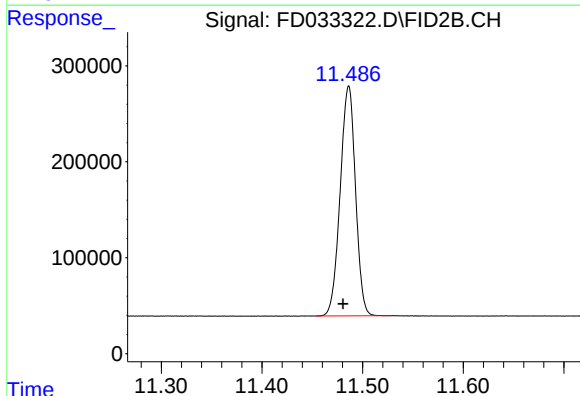
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: 0.003 min
Response: 2513009
Conc: 19.91 ug/ml



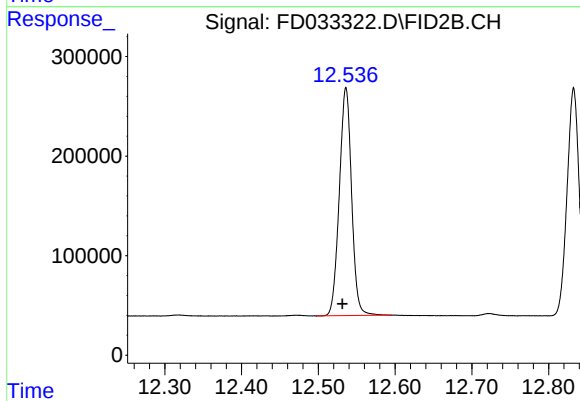
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: 0.002 min
Response: 2425111
Conc: 19.93 ug/ml



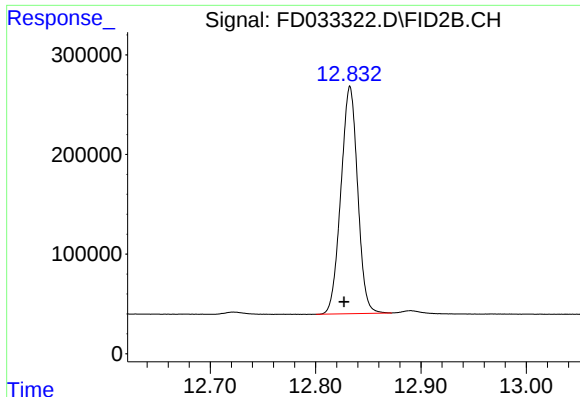
#11 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: 0.006 min
Response: 2533080
Conc: 19.46 ug/ml



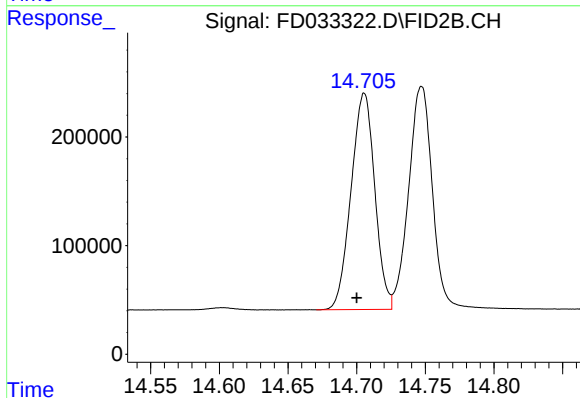
#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: 0.005 min
Response: 2544962
Conc: 19.55 ug/ml



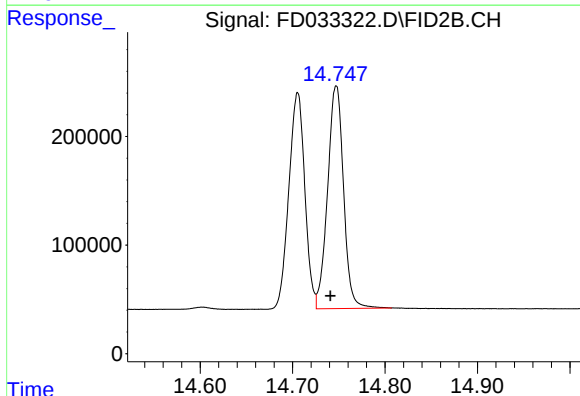
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: 0.006 min
Response: 2522666
Conc: 19.43 ug/ml



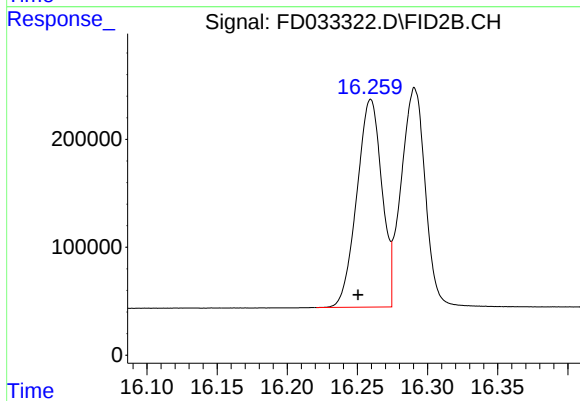
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: 0.005 min
Response: 2392642
Conc: 19.56 ug/ml



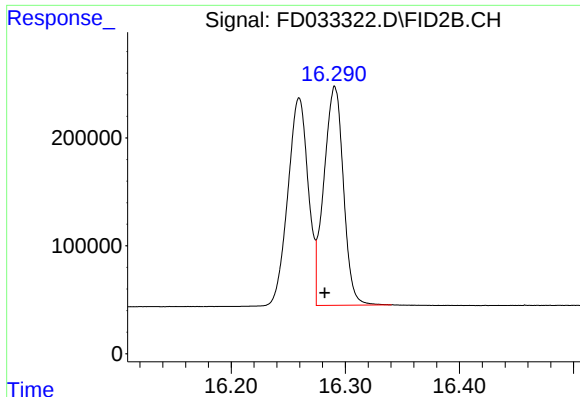
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.006 min
Response: 2461012
Conc: 18.92 ug/ml



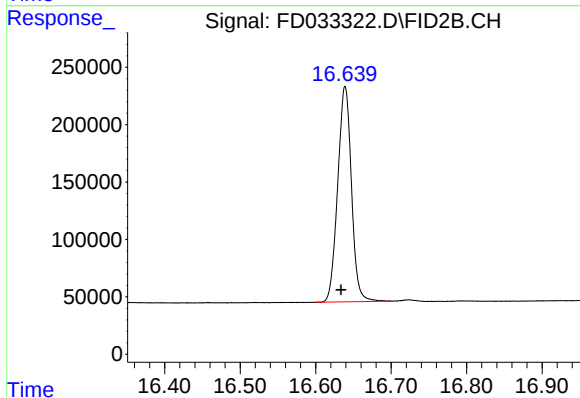
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.260 min
Delta R.T.: 0.009 min
Response: 2389828
Conc: 19.11 ug/ml



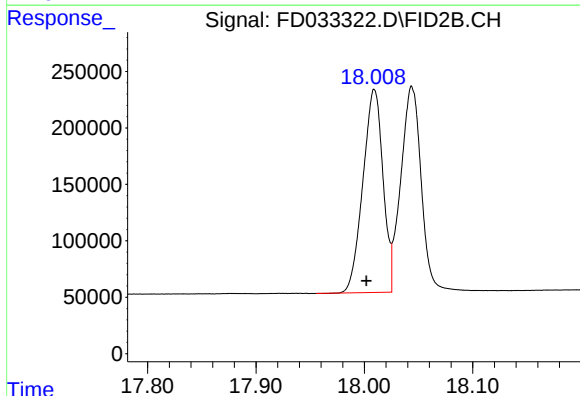
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.291 min
Delta R.T.: 0.009 min
Response: 2418280
Conc: 18.73 ug/ml



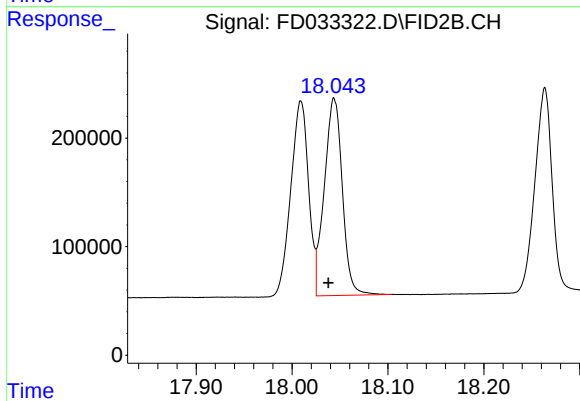
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.639 min
Delta R.T.: 0.006 min
Response: 2376324
Conc: 19.21 ug/ml



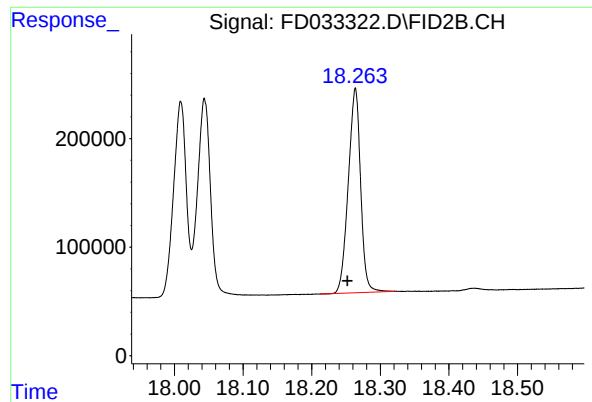
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: 0.007 min
Response: 2313113
Conc: 19.77 ug/ml



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

R.T.: 18.044 min
Delta R.T.: 0.006 min
Response: 2373018
Conc: 19.01 ug/ml



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

R.T.: 18.264 min
Delta R.T.: 0.011 min
Response: 2344705
Conc: 19.51 ug/ml