

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011221AR\
 Data File : FD035993.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2021 15:19
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 01:05:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 06:30:05 2021
 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...	7.618	2367217	20.316 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
6) S 2-Fluorobiphenyl (SURR)	8.479	1679349	20.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.07%
11) S ortho-Terphenyl (SURR)	11.522	2767495	20.239 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	2521954	20.066 ug/ml
2) T Naphthalene (C11.7)	5.955	2749789	20.191 ug/ml
3) T 2-Methylnaphthalene (...)	7.007	2773207	20.379 ug/ml
5) T Acenaphthylene (C15.06)	8.282	2647147	20.296 ug/ml
7) T Acenaphthene (C15.5)	8.578	2734164	20.332 ug/ml
8) T Flouorene (C16.55)	9.358	2696130	20.455 ug/ml
9) T Phenanthrene (C19.36)	10.753	2725661	20.438 ug/ml
10) T Anthracene (C19.43)	10.827	2691868	20.404 ug/ml
12) T Fluoranthene (C21.85)	12.564	2726595	20.427 ug/ml
13) T Pyrene (C20.8)	12.860	2674749	20.366 ug/ml
14) T Benzo[a]anthracene (C...	14.729	2479709	20.563 ug/ml
15) T Chrysene (C27.41)	14.771	2549962	20.499 ug/ml
16) T benzo[b]fluoranthene ...	16.276	2362654	20.582 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2299663	20.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.653	2154327	20.673 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	2141041	20.614 ug/ml
20) T Dibenz[a,h]anthracene...	18.056	2214825	20.966 ug/ml
21) T Benzo[g,h,i]perylene ...	18.269	2153947	20.807 ug/ml

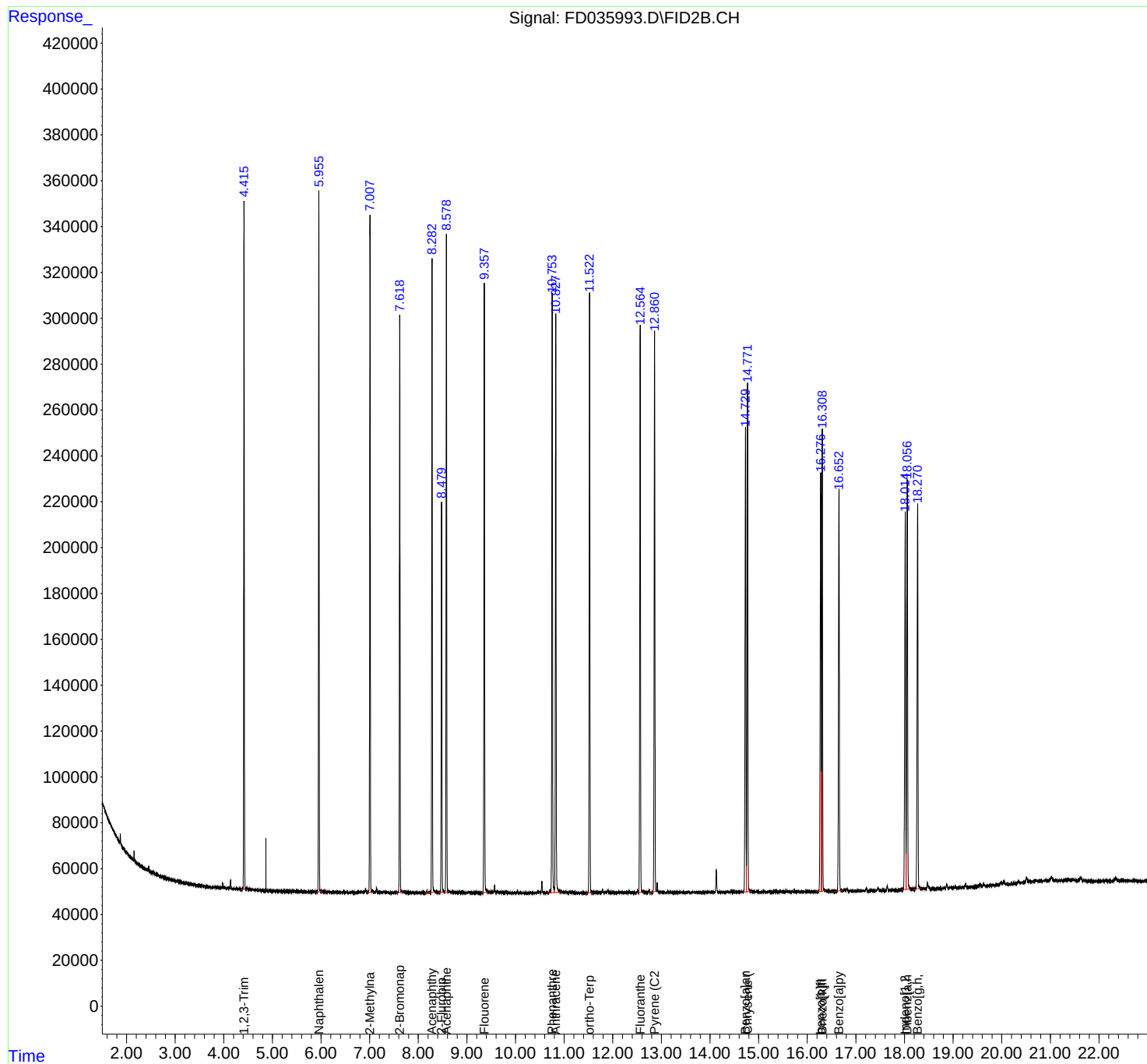
(f)=RT Delta > 1/2 Window

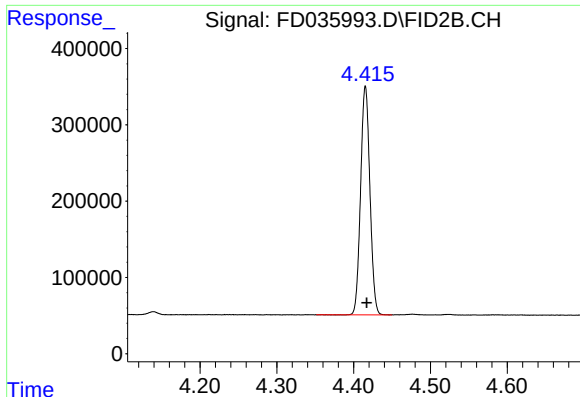
(m)=manual int.

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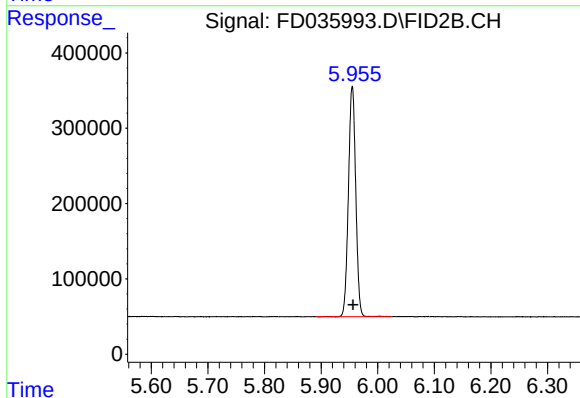
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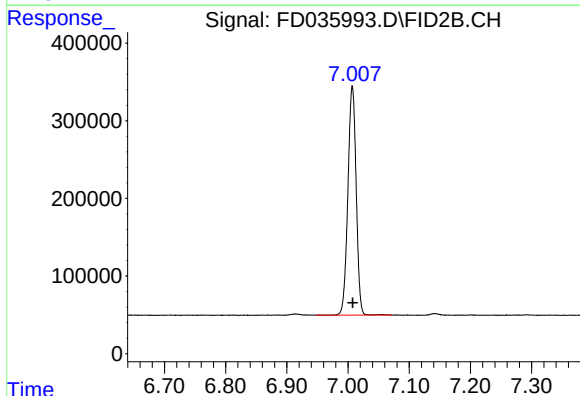
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.002 min
Response: 2521954
Conc: 20.07 ug/ml



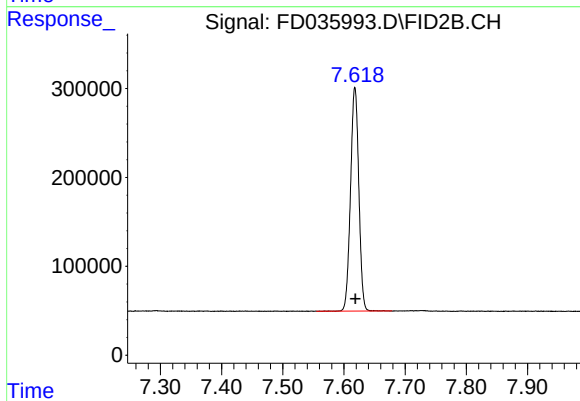
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.001 min
Response: 2749789
Conc: 20.19 ug/ml



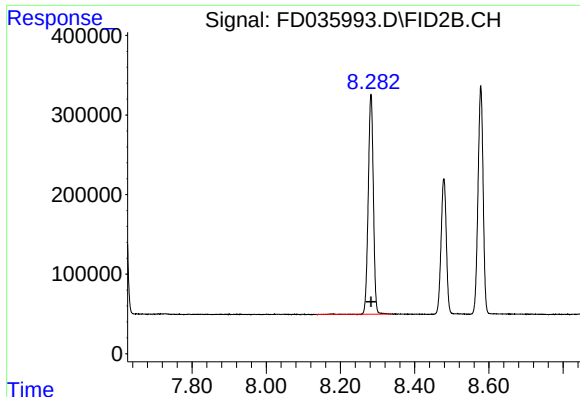
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 2773207
Conc: 20.38 ug/ml



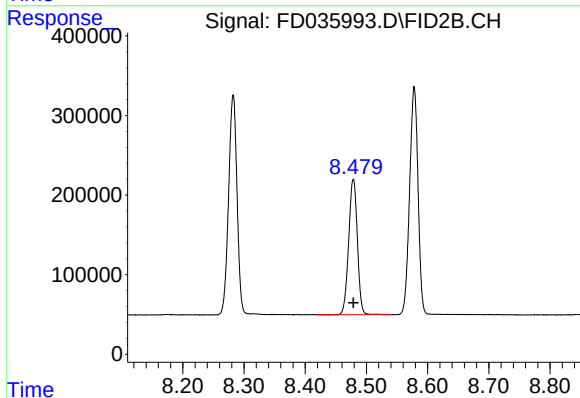
#4 2-Bromonaphthalene (SURR)

R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 2367217
Conc: 20.32 ug/ml



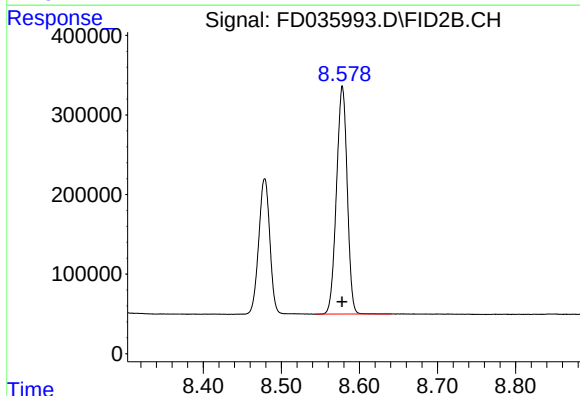
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 2647147
Conc: 20.30 ug/ml



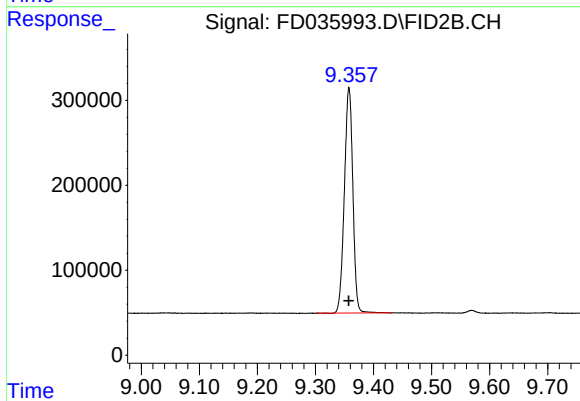
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 1679349
Conc: 20.53 ug/ml



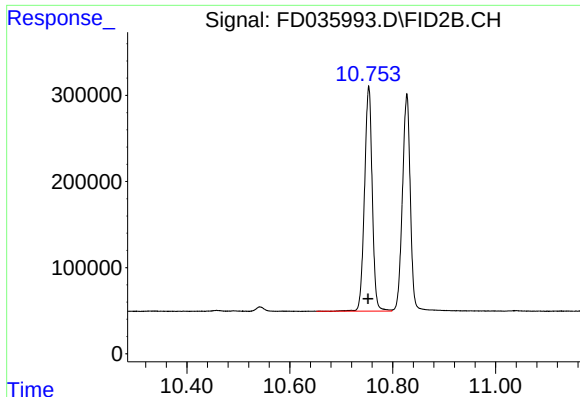
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 2734164
Conc: 20.33 ug/ml



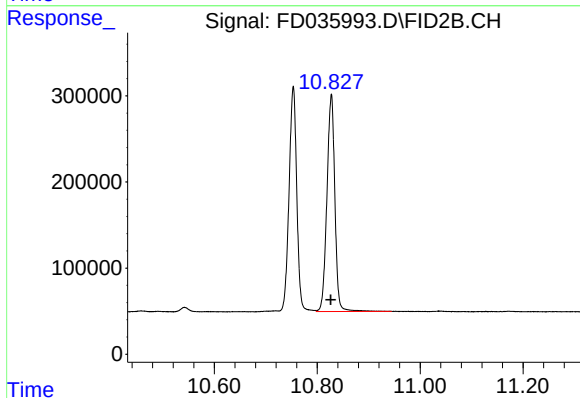
#8 Fluorene (C16.55)

R.T.: 9.358 min
Delta R.T.: 0.000 min
Response: 2696130
Conc: 20.45 ug/ml



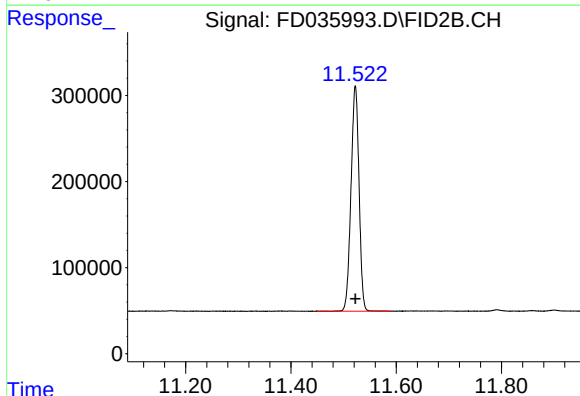
#9 Phenanthrene (C19.36)

R.T.: 10.753 min
Delta R.T.: 0.001 min
Response: 2725661
Conc: 20.44 ug/ml



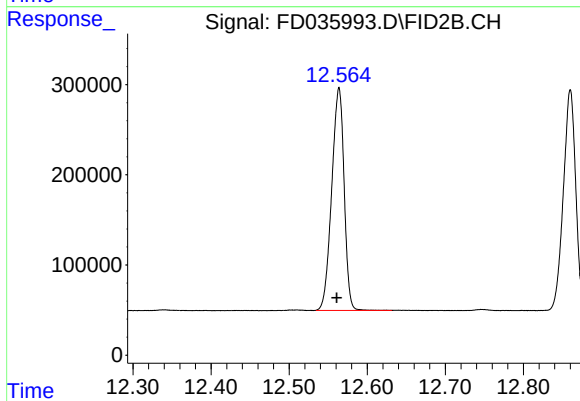
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: 0.000 min
Response: 2691868
Conc: 20.40 ug/ml



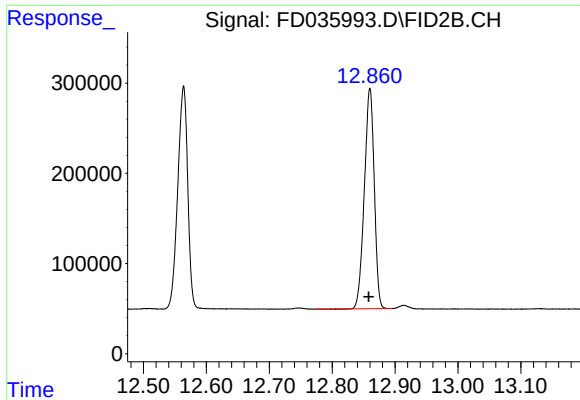
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 2767495
Conc: 20.24 ug/ml



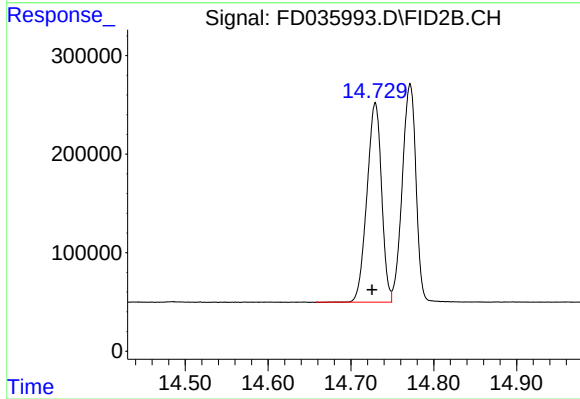
#12 Fluoranthene (C21.85)

R.T.: 12.564 min
Delta R.T.: 0.003 min
Response: 2726595
Conc: 20.43 ug/ml



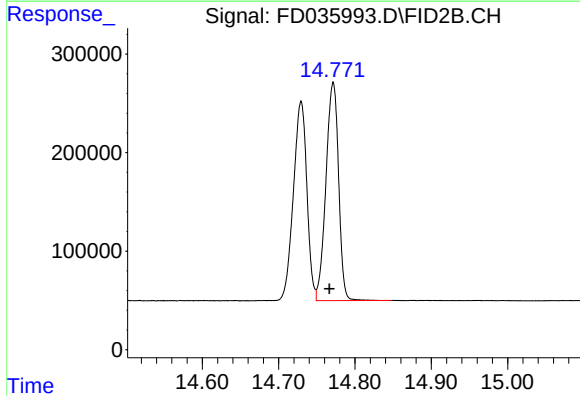
#13 Pyrene (C20.8)

R.T.: 12.860 min
Delta R.T.: 0.002 min
Response: 2674749
Conc: 20.37 ug/ml



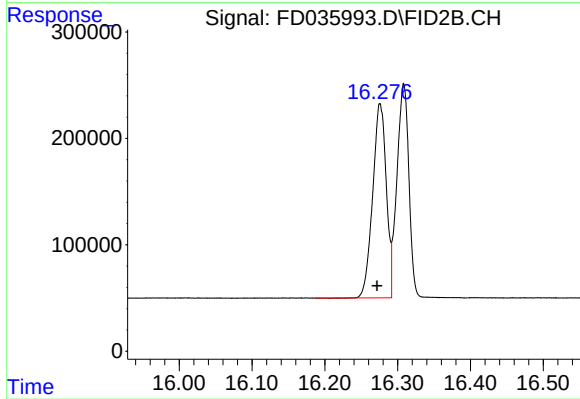
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.729 min
Delta R.T.: 0.004 min
Response: 2479709
Conc: 20.56 ug/ml



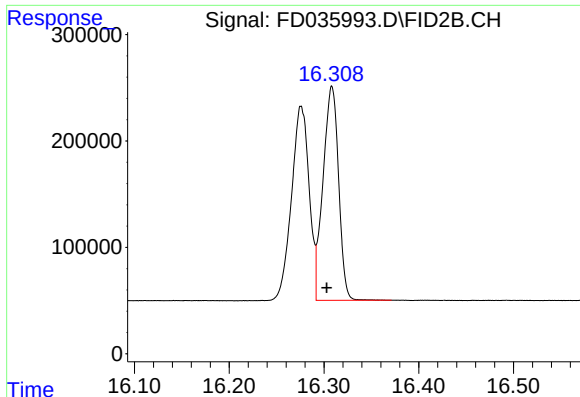
#15 Chrysene (C27.41)

R.T.: 14.771 min
Delta R.T.: 0.005 min
Response: 2549962
Conc: 20.50 ug/ml



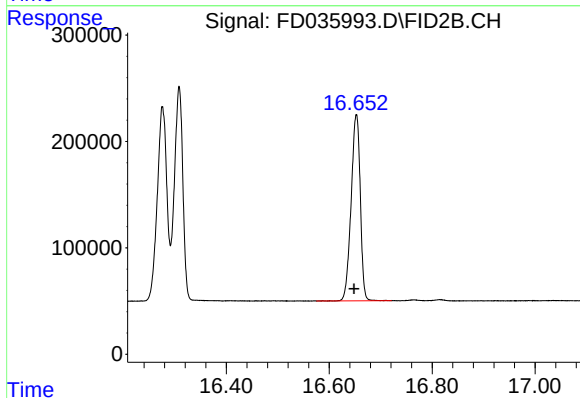
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.276 min
Delta R.T.: 0.005 min
Response: 2362654
Conc: 20.58 ug/ml



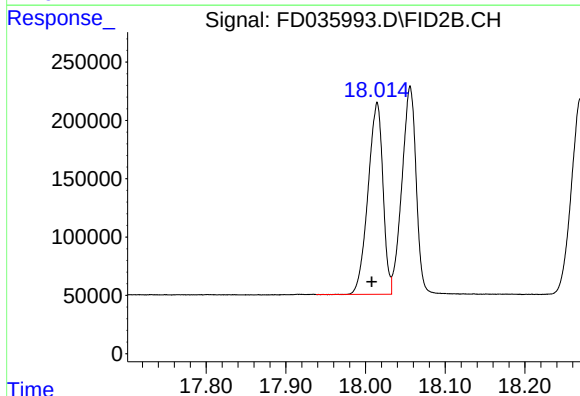
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.308 min
Delta R.T.: 0.005 min
Response: 2299663
Conc: 20.51 ug/ml



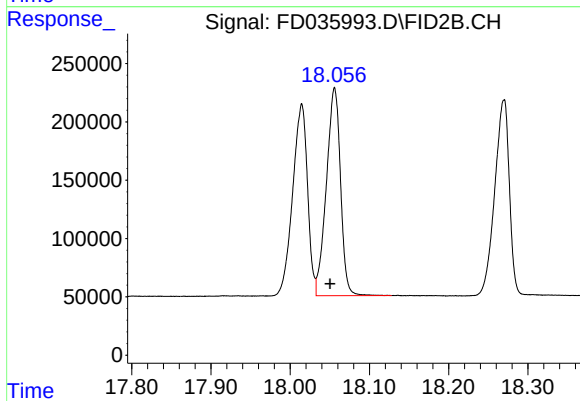
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.653 min
Delta R.T.: 0.004 min
Response: 2154327
Conc: 20.67 ug/ml



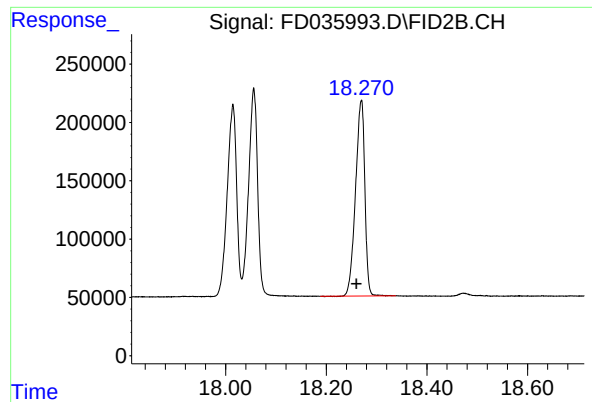
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: 0.006 min
Response: 2141041
Conc: 20.61 ug/ml



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

R.T.: 18.056 min
Delta R.T.: 0.005 min
Response: 2214825
Conc: 20.97 ug/ml



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

R.T.: 18.269 min
Delta R.T.: 0.009 min
Response: 2153947
Conc: 20.81 ug/ml