

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120821AR\
 Data File : FD039765.D
 Signal(s) : FID2B.CH
 Acq On : 09 Dec 2021 10:50
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 12:02:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 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...	7.737	2173780	19.429 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
6) S 2-Fluorobiphenyl (SURR)	8.607	1391779	18.558 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.12%
11) S ortho-Terphenyl (SURR)	11.648	2346508	18.973 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	2393409	19.324 ug/ml
2) T Naphthalene (C11.7)	6.072	2469581	19.311 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2559033	19.696 ug/ml
5) T Acenaphthylene (C15.06)	8.407	2247125	18.715 ug/ml
7) T Acenaphthene (C15.5)	8.702	2445487	19.203 ug/ml
8) T Fluorene (C16.55)	9.486	2285630	18.607 ug/ml
9) T Phenanthrene (C19.36)	10.888	2253561	18.788 ug/ml
10) T Anthracene (C19.43)	10.963	2053453	17.144 ug/ml
12) T Fluoranthene (C21.85)	12.705	2257210	18.935 ug/ml
13) T Pyrene (C20.8)	13.003	2169204	19.079 ug/ml
14) T Benzo[a]anthracene (C...	14.877	1901174	19.450 ug/mlm
15) T Chrysene (C27.41)	14.920	2279408	20.021 ug/ml
16) T benzo[b]fluoranthene ...	16.429	3180350	32.328 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.463	2137877	20.202 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.813	1787768	18.550 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.192	4883631	52.391 ug/mlm
20) T Dibenz[a,h]anthracene...	18.213	1153332	11.261 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.432	1781090	18.019 ug/mlm

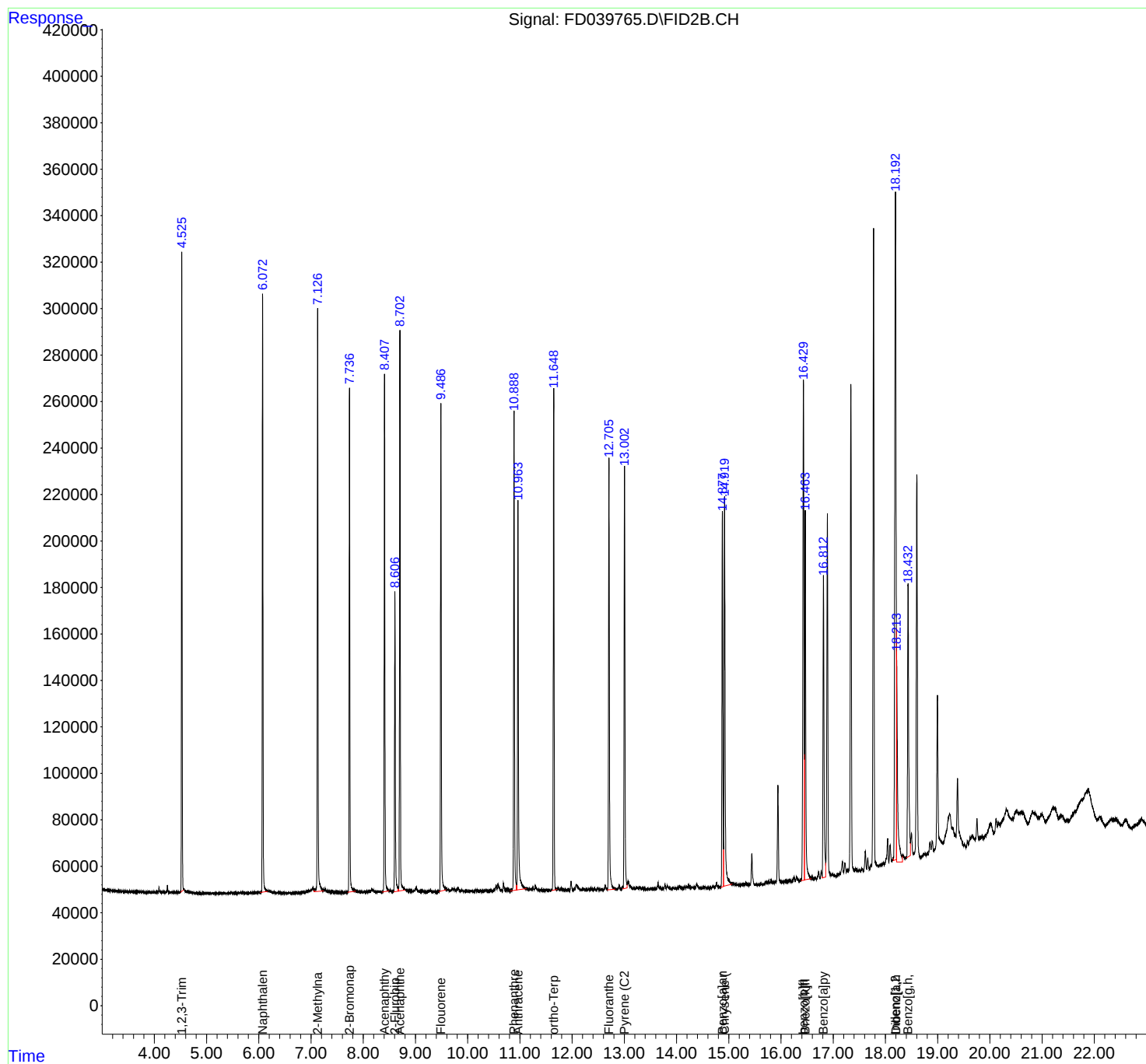
(f)=RT Delta > 1/2 Window

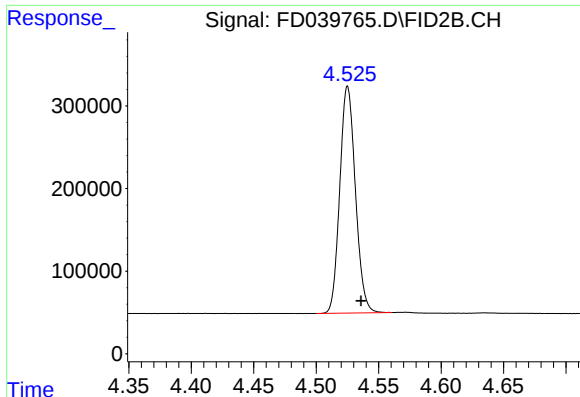
(m)=manual int.

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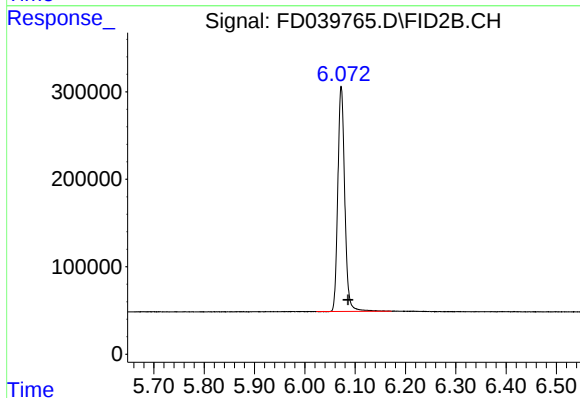
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Signal Info : 20M x 0.18mm x 0.18µm





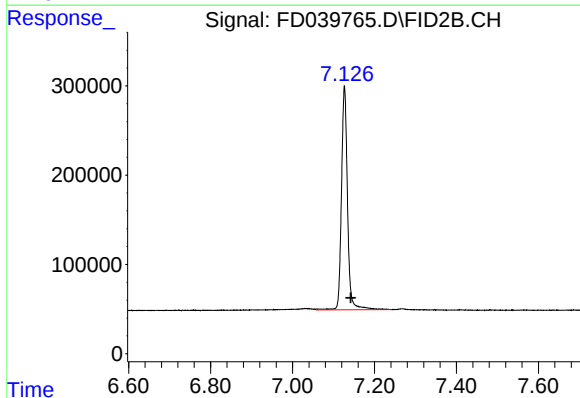
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.525 min
Delta R.T.: -0.011 min
Response: 2393409
Conc: 19.32 ug/ml



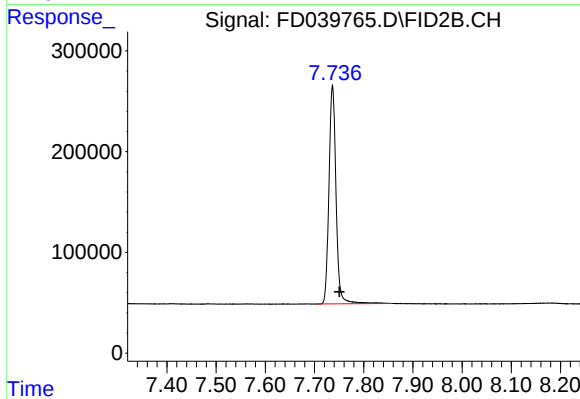
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.014 min
Response: 2469581
Conc: 19.31 ug/ml



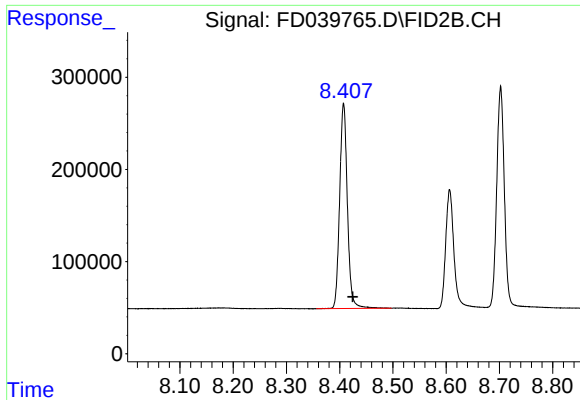
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.016 min
Response: 2559033
Conc: 19.70 ug/ml



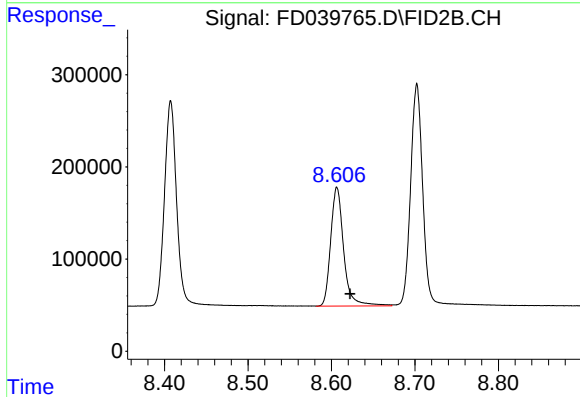
#4 2-Bromonaphthalene (SURR)

R.T.: 7.737 min
Delta R.T.: -0.014 min
Response: 2173780
Conc: 19.43 ug/ml



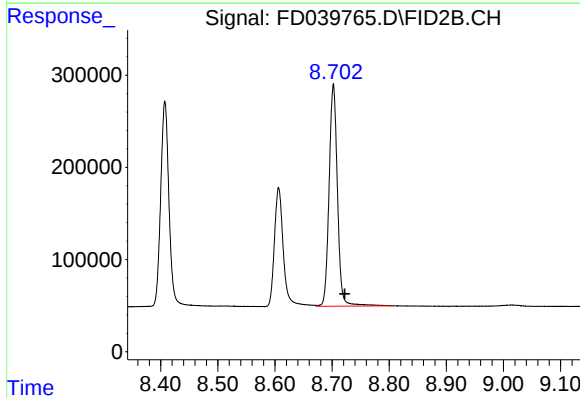
#5 Acenaphthylene (C15.06)

R.T.: 8.407 min
Delta R.T.: -0.017 min
Response: 2247125
Conc: 18.71 ug/ml



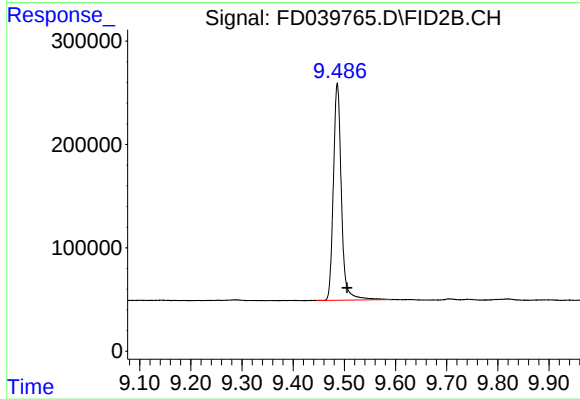
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: -0.016 min
Response: 1391779
Conc: 18.56 ug/ml



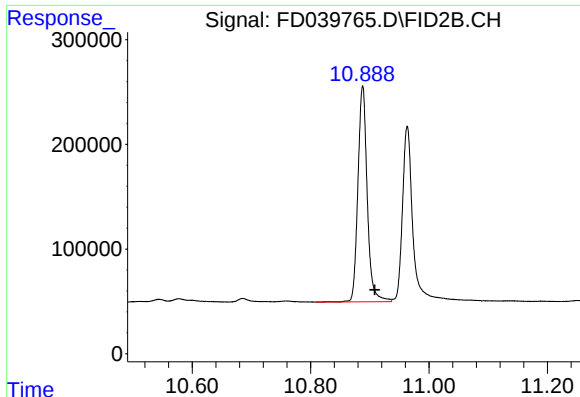
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: -0.020 min
Response: 2445487
Conc: 19.20 ug/ml



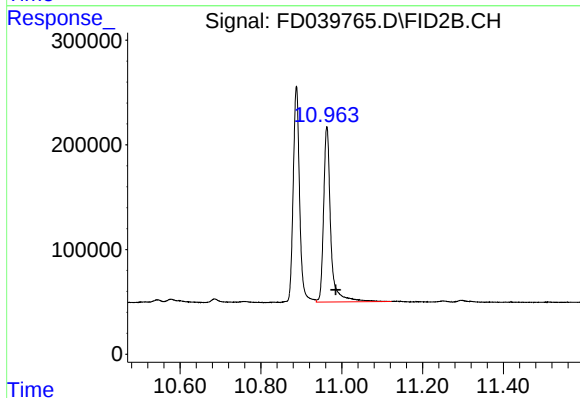
#8 Flouorene (C16.55)

R.T.: 9.486 min
Delta R.T.: -0.019 min
Response: 2285630
Conc: 18.61 ug/ml



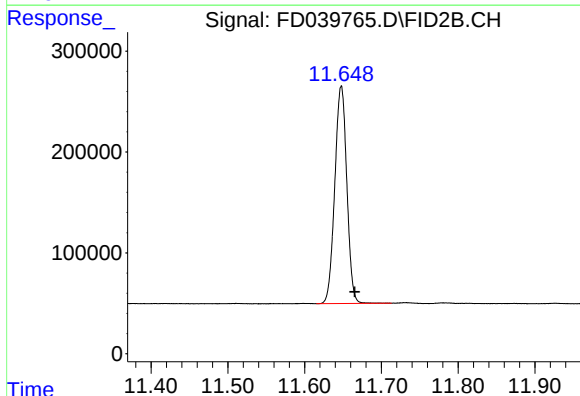
#9 Phenanthrene (C19.36)

R.T.: 10.888 min
Delta R.T.: -0.020 min
Response: 2253561
Conc: 18.79 ug/ml



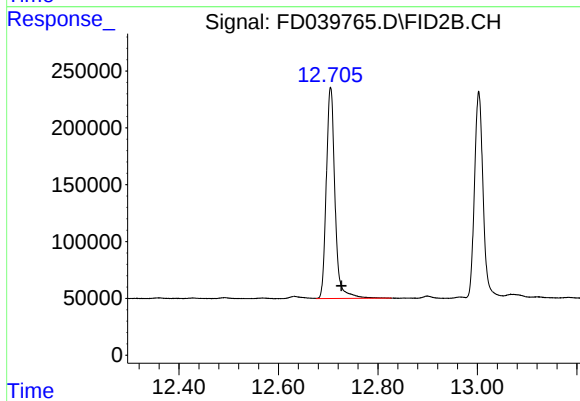
#10 Anthracene (C19.43)

R.T.: 10.963 min
Delta R.T.: -0.022 min
Response: 2053453
Conc: 17.14 ug/ml



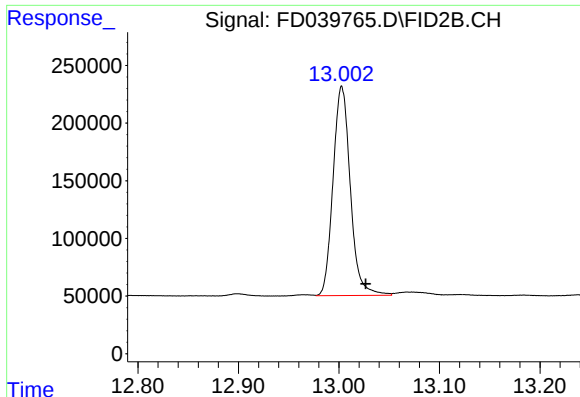
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.018 min
Response: 2346508
Conc: 18.97 ug/ml



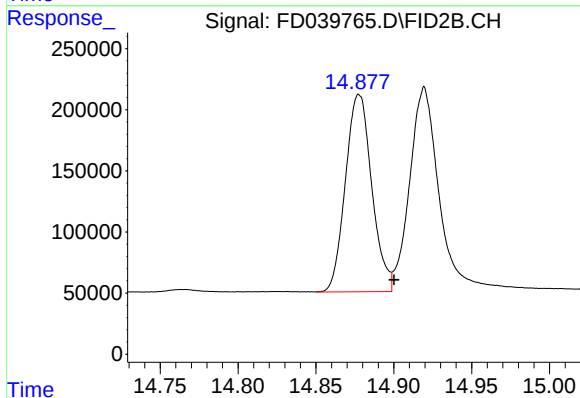
#12 Fluoranthene (C21.85)

R.T.: 12.705 min
Delta R.T.: -0.022 min
Response: 2257210
Conc: 18.93 ug/ml



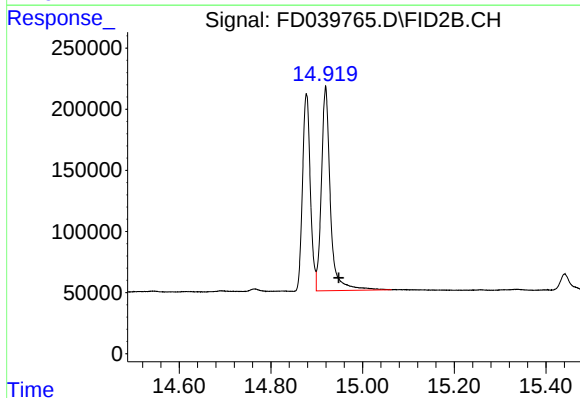
#13 Pyrene (C20.8)

R.T.: 13.003 min
Delta R.T.: -0.024 min
Response: 2169204
Conc: 19.08 ug/ml



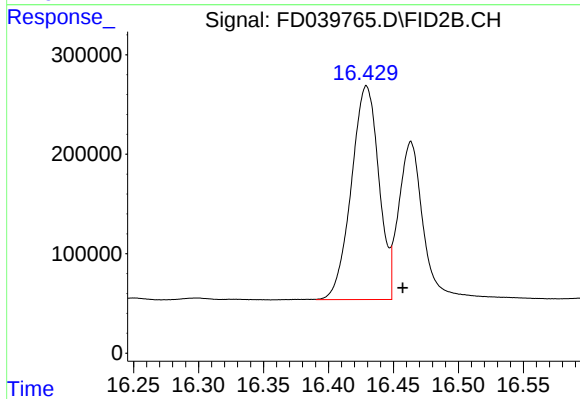
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.877 min
Delta R.T.: -0.023 min
Response: 1901174
Conc: 19.45 ug/ml m



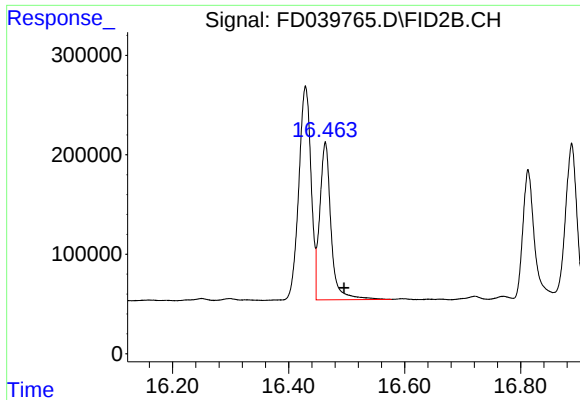
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: -0.029 min
Response: 2279408
Conc: 20.02 ug/ml



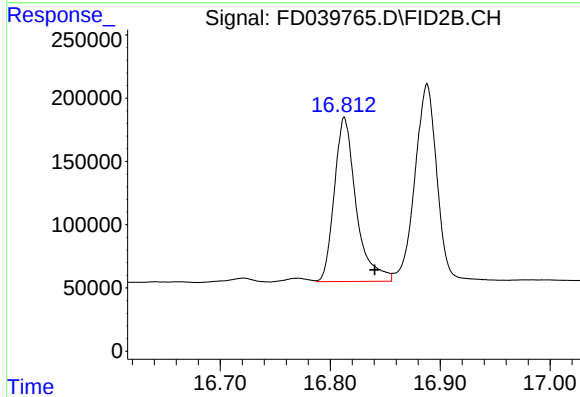
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.429 min
Delta R.T.: -0.028 min
Response: 3180350
Conc: 32.33 ug/ml m



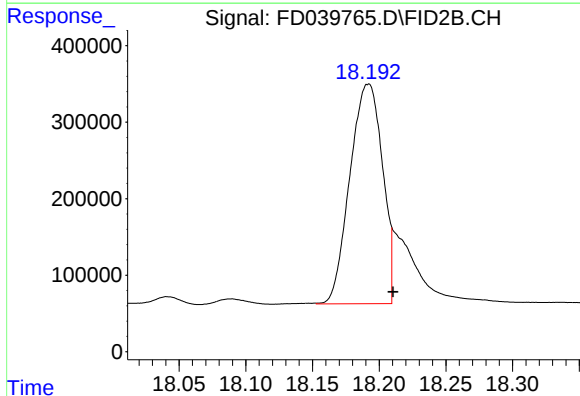
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.463 min
Delta R.T.: -0.032 min
Response: 2137877
Conc: 20.20 ug/ml



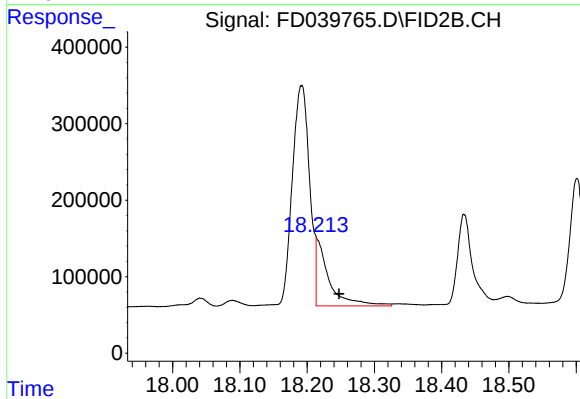
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.813 min
Delta R.T.: -0.028 min
Response: 1787768
Conc: 18.55 ug/ml



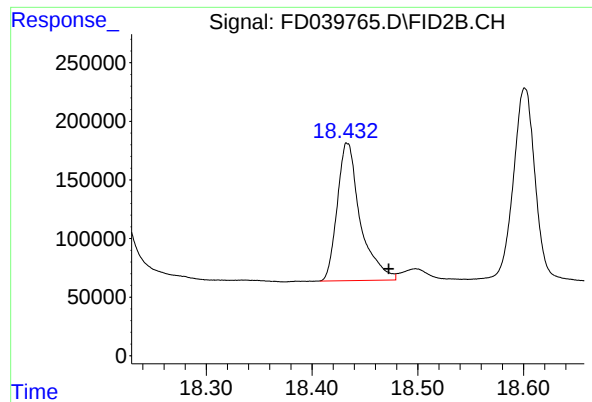
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.192 min
Delta R.T.: -0.018 min
Response: 4883631
Conc: 52.39 ug/ml m



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

R.T.: 18.213 min
Delta R.T.: -0.034 min
Response: 1153332
Conc: 11.26 ug/ml m



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

R.T.: 18.432 min
Delta R.T.: -0.040 min
Response: 1781090
Conc: 18.02 ug/ml m