

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080619AR\
 Data File : FD029941.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2019 22:38
 Operator : DD\AJ
 Sample : K4162-05MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 07:09:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 2019
 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...	7.675	5770512	36.467 ug/ml
Spiked Amount 50.000		Recovery =	72.93%
6) S 2-Fluorobiphenyl (SURR)	8.538	3137913	29.212 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.42%
11) S ortho-Terphenyl (SURR)	11.573	3607939	21.259 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	3532216	20.892 ug/ml
2) T Naphthalene (C11.7)	6.014	4953163	27.677 ug/ml
3) T 2-Methylnaphthalene (...)	7.066	5357693	30.370 ug/ml
5) T Acenaphthylene (C15.06)	8.342	5457896	32.240 ug/ml
7) T Acenaphthene (C15.5)	8.638	5616845	31.876 ug/ml
8) T Flouorene (C16.55)	9.417	5716281	32.714 ug/ml
9) T Phenanthrene (C19.36)	10.812	5632012	32.477 ug/ml
10) T Anthracene (C19.43)	10.887	5638626	33.349 ug/ml
12) T Fluoranthene (C21.85)	12.621	5491454	32.068 ug/ml
13) T Pyrene (C20.8)	12.918	5338898	31.385 ug/ml
14) T Benzo[a]anthracene (C...	14.784	4918897	31.553 ug/ml
15) T Chrysene (C27.41)	14.829	5585348	35.835 ug/ml
16) T benzo[b]fluoranthene ...	16.331	4885630	33.457 ug/ml
17) T Bnezo[k]fluoranthene ...	16.365	4707706	32.551 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.708	4533206	32.327 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	4830579	37.916 ug/ml
20) T Dibenz[a,h]anthracene...	18.109	4689121	37.495 ug/ml
21) T Benzo[g,h,i]perylene ...	18.327	4764096	38.192 ug/ml

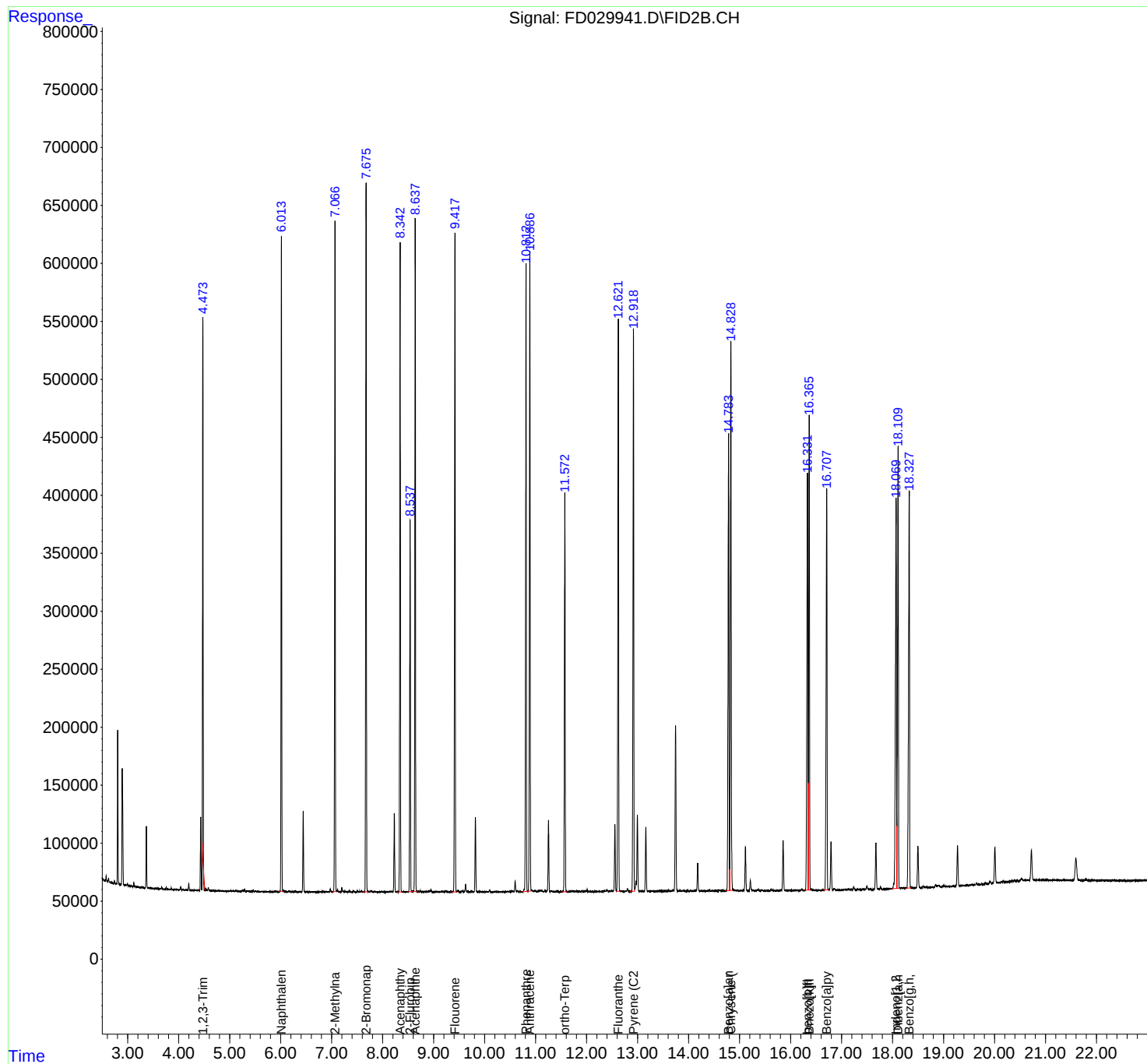
(f)=RT Delta > 1/2 Window

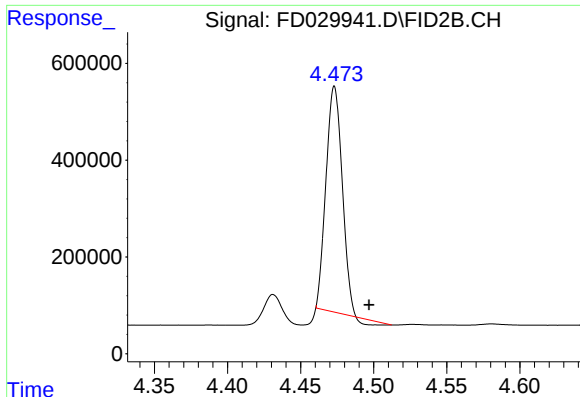
(m)=manual int.

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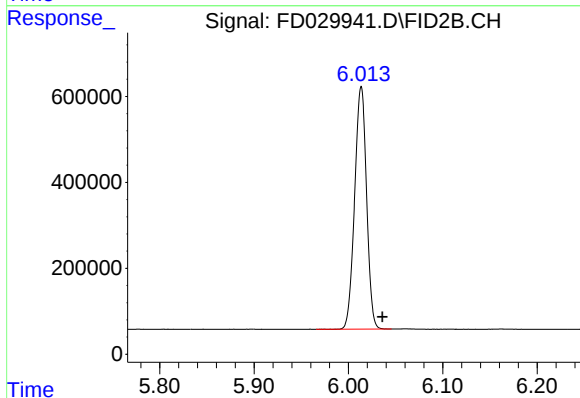
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Signal Info : 20M x 0.18mm x 0.18µm





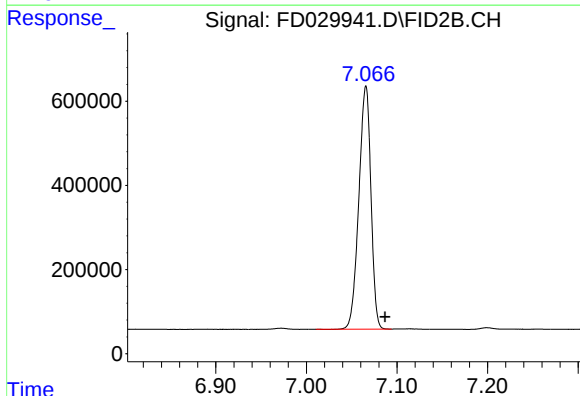
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.473 min
Delta R.T.: -0.024 min
Response: 3532216
Conc: 20.89 ug/ml



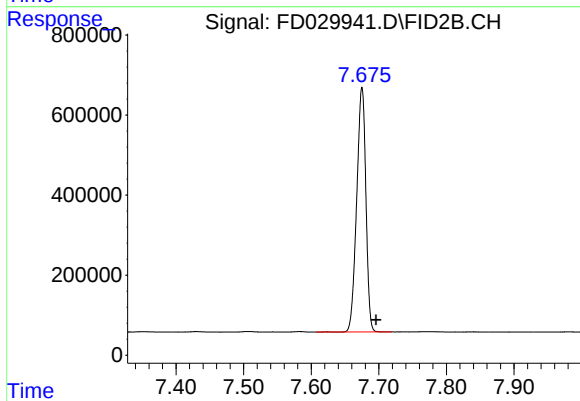
#2 Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.022 min
Response: 4953163
Conc: 27.68 ug/ml



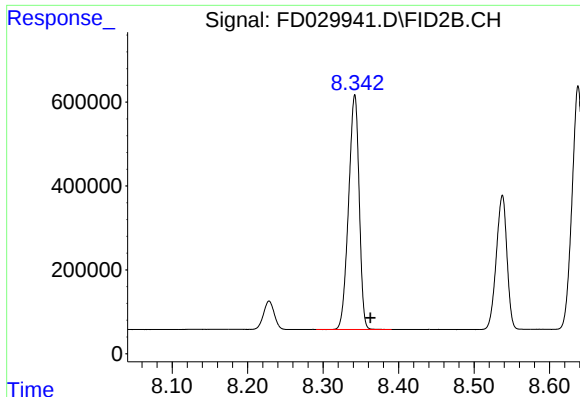
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: -0.021 min
Response: 5357693
Conc: 30.37 ug/ml



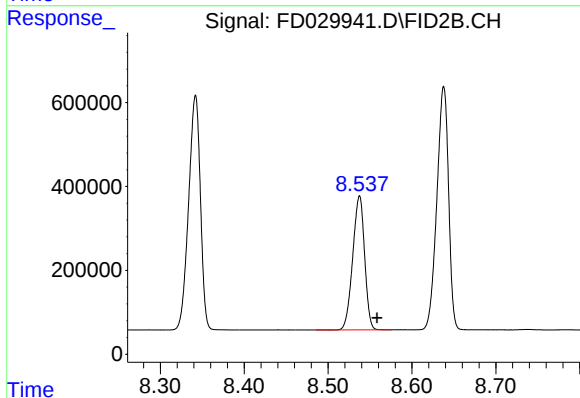
#4 2-Bromonaphthalene (SURR)

R.T.: 7.675 min
Delta R.T.: -0.021 min
Response: 5770512
Conc: 36.47 ug/ml



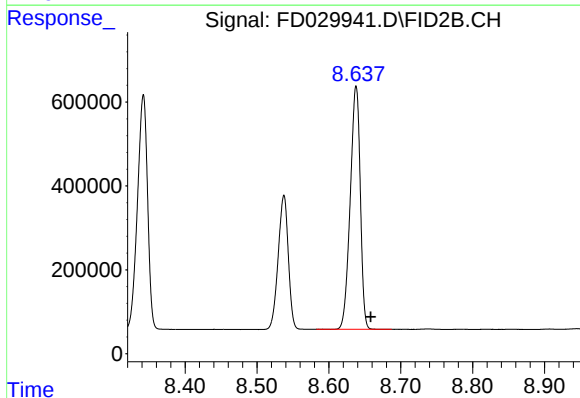
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.021 min
Response: 5457896
Conc: 32.24 ug/ml



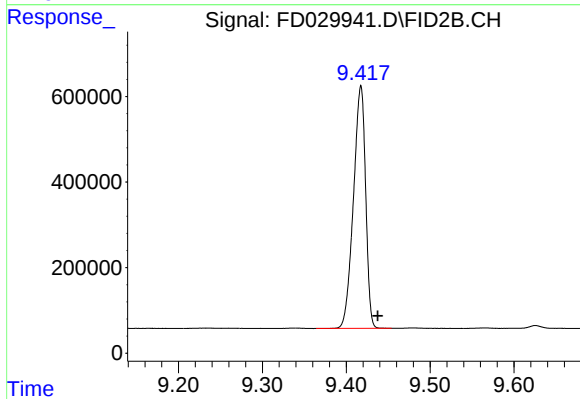
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: -0.021 min
Response: 3137913
Conc: 29.21 ug/ml



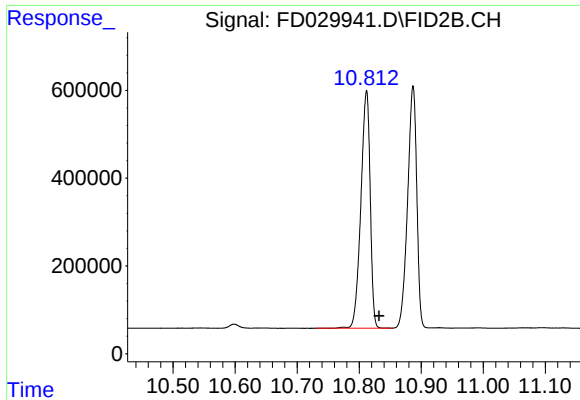
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: -0.020 min
Response: 5616845
Conc: 31.88 ug/ml



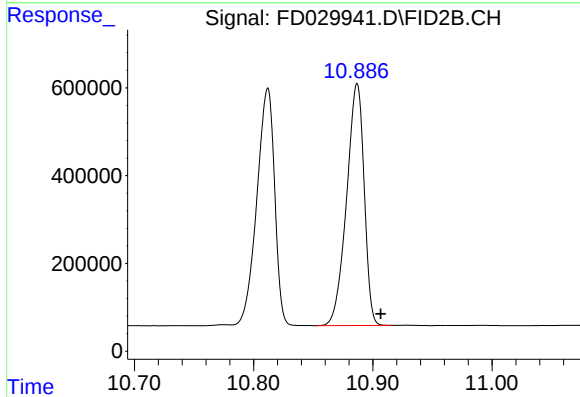
#8 Flouorene (C16.55)

R.T.: 9.417 min
Delta R.T.: -0.020 min
Response: 5716281
Conc: 32.71 ug/ml



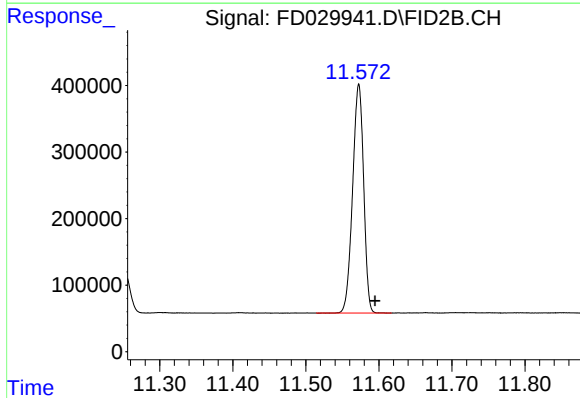
#9 Phenanthrene (C19.36)

R.T.: 10.812 min
Delta R.T.: -0.020 min
Response: 5632012
Conc: 32.48 ug/ml



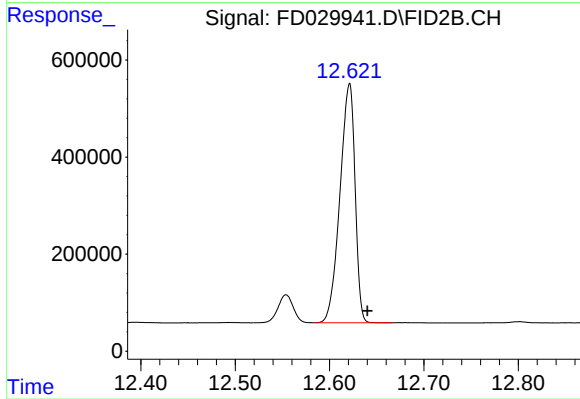
#10 Anthracene (C19.43)

R.T.: 10.887 min
Delta R.T.: -0.020 min
Response: 5638626
Conc: 33.35 ug/ml



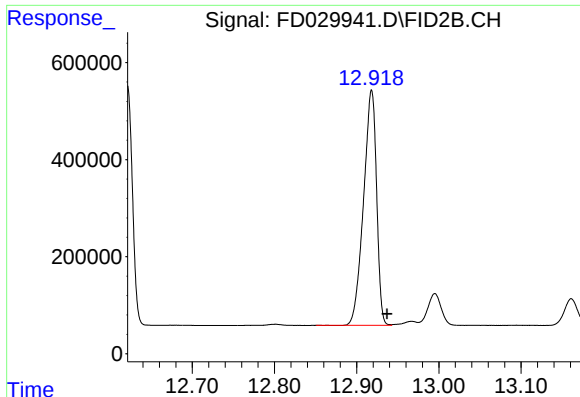
#11 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.022 min
Response: 3607939
Conc: 21.26 ug/ml



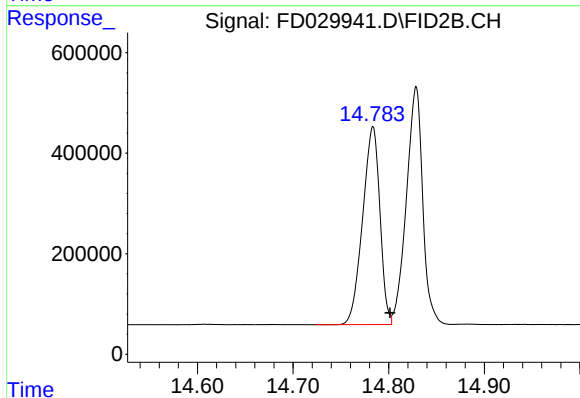
#12 Fluoranthene (C21.85)

R.T.: 12.621 min
Delta R.T.: -0.019 min
Response: 5491454
Conc: 32.07 ug/ml



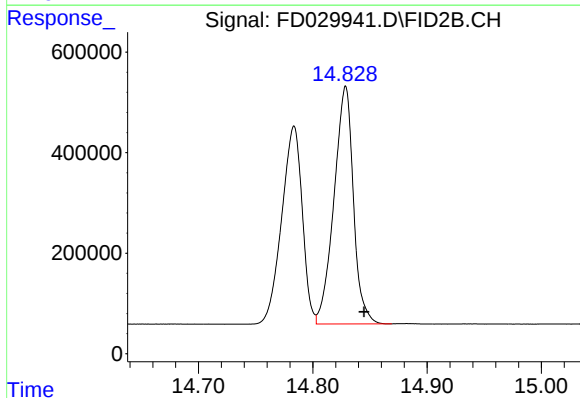
#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: -0.019 min
Response: 5338898
Conc: 31.38 ug/ml



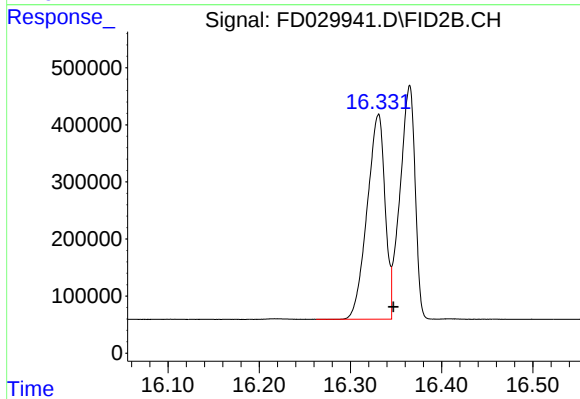
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.784 min
Delta R.T.: -0.018 min
Response: 4918897
Conc: 31.55 ug/ml



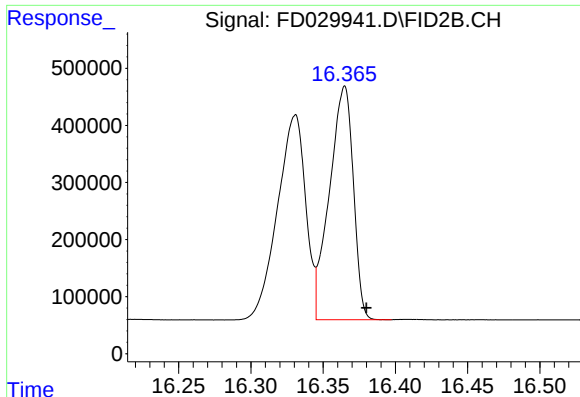
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: -0.016 min
Response: 5585348
Conc: 35.83 ug/ml



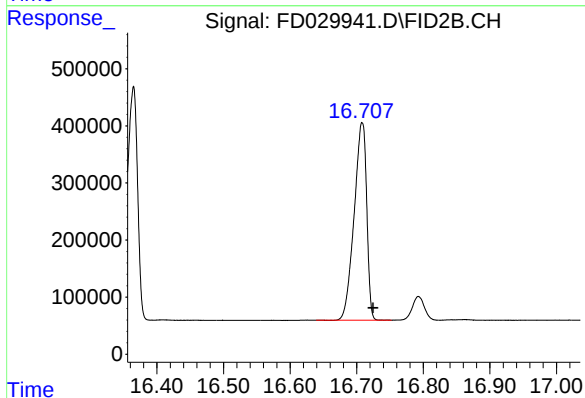
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.331 min
Delta R.T.: -0.016 min
Response: 4885630
Conc: 33.46 ug/ml



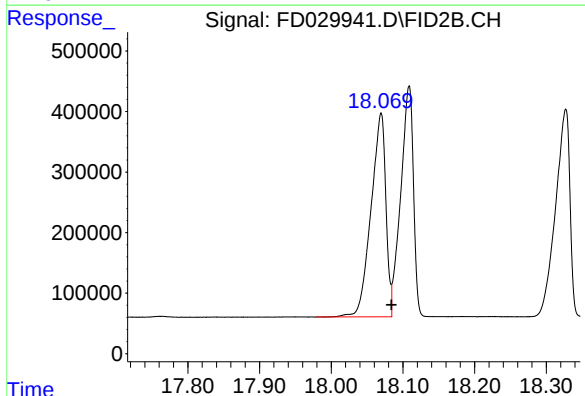
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.365 min
Delta R.T.: -0.015 min
Response: 4707706
Conc: 32.55 ug/ml



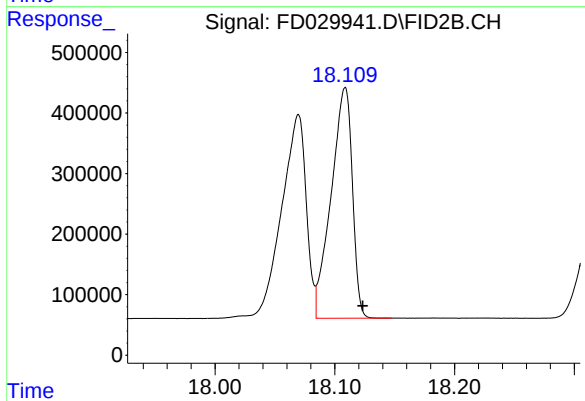
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.708 min
Delta R.T.: -0.017 min
Response: 4533206
Conc: 32.33 ug/ml



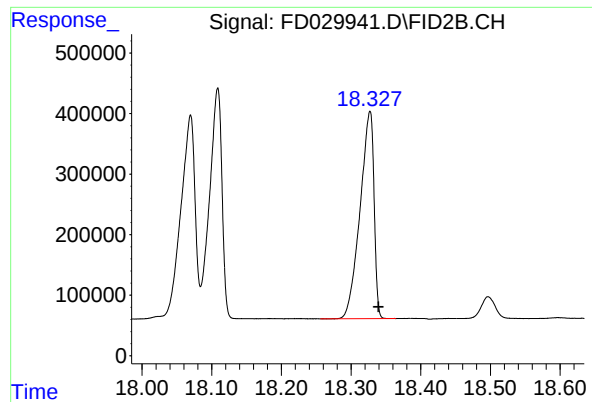
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: -0.015 min
Response: 4830579
Conc: 37.92 ug/ml



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

R.T.: 18.109 min
Delta R.T.: -0.015 min
Response: 4689121
Conc: 37.49 ug/ml



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

R.T.: 18.327 min
Delta R.T.: -0.012 min
Response: 4764096
Conc: 38.19 ug/ml