

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080619AR\
 Data File : FD029944.D
 Signal(s) : FID2B.CH
 Acq On : 07 Aug 2019 00:35
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 07:10:07 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...	7.673	3057042	19.319 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
6) S 2-Fluorobiphenyl (SURR)	8.536	2012715	18.737 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.47%
11) S ortho-Terphenyl (SURR)	11.571	3077123	18.132 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	3156877	18.672 ug/ml
2) T Naphthalene (C11.7)	6.014	3542116	19.792 ug/ml
3) T 2-Methylnaphthalene (...)	7.064	3431898	19.454 ug/ml
5) T Acenaphthylene (C15.06)	8.340	3183287	18.804 ug/ml
7) T Acenaphthene (C15.5)	8.635	3331536	18.907 ug/ml
8) T Flouorene (C16.55)	9.414	3231990	18.497 ug/ml
9) T Phenanthrene (C19.36)	10.808	3072071	17.715 ug/ml
10) T Anthracene (C19.43)	10.882	2977814	17.612 ug/ml
12) T Fluoranthene (C21.85)	12.615	2883688	16.839 ug/ml
13) T Pyrene (C20.8)	12.912	2829870	16.635 ug/ml
14) T Benzo[a]anthracene (C...	14.819	2597135	16.660 ug/ml
15) T Chrysene (C27.41)	14.819	2597135	16.663 ug/ml
16) T benzo[b]fluoranthene ...	16.356	2580905	17.674 ug/ml
17) T Bnezo[k]fluoranthene ...	16.356	2580905	17.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.701	2583495	18.424 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.101	2575992	20.220 ug/ml
20) T Dibenz[a,h]anthracene...	18.101	2575992	20.598 ug/ml
21) T Benzo[g,h,i]perylene ...	18.317	2600746	20.849 ug/ml

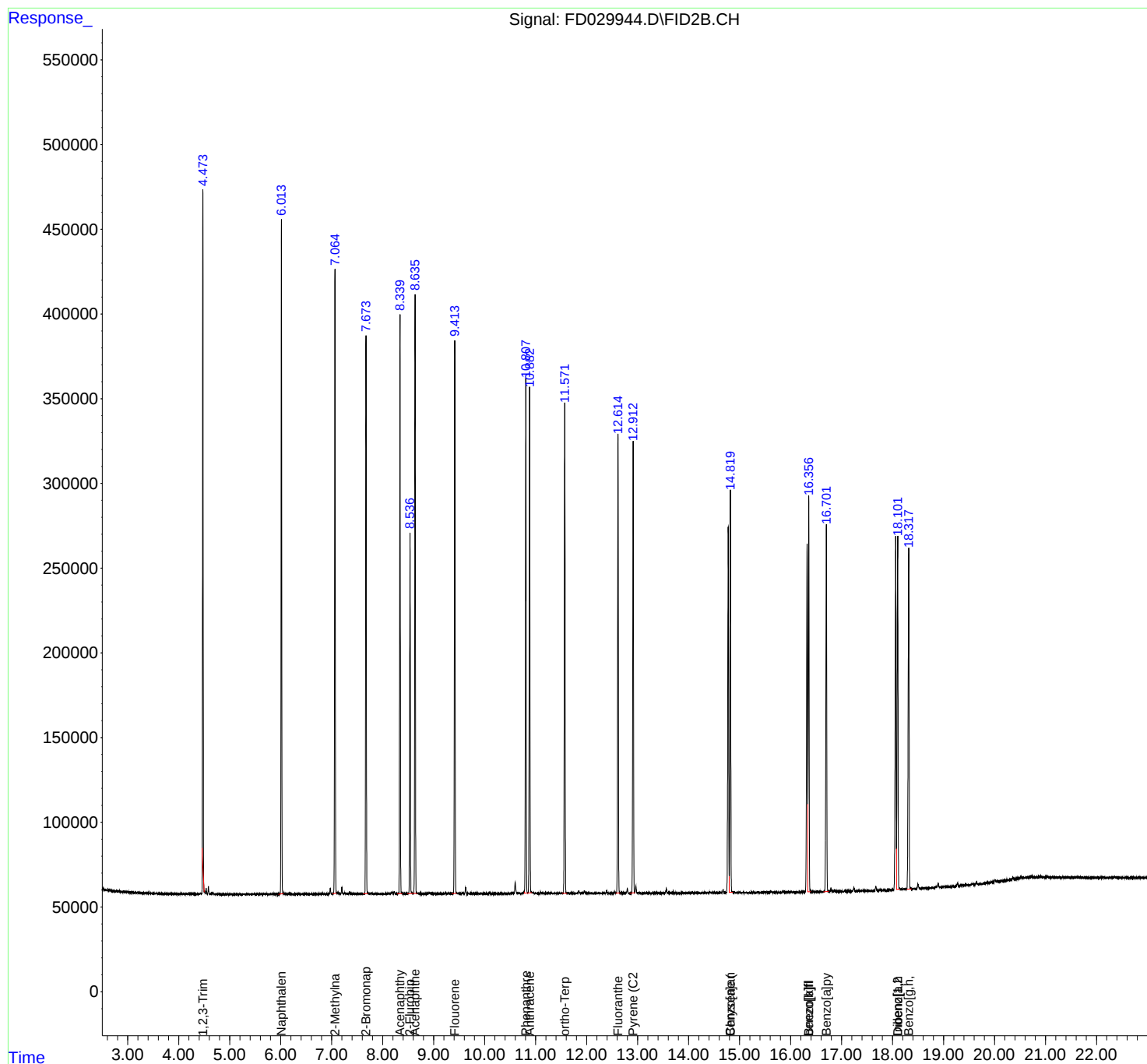
(f)=RT Delta > 1/2 Window

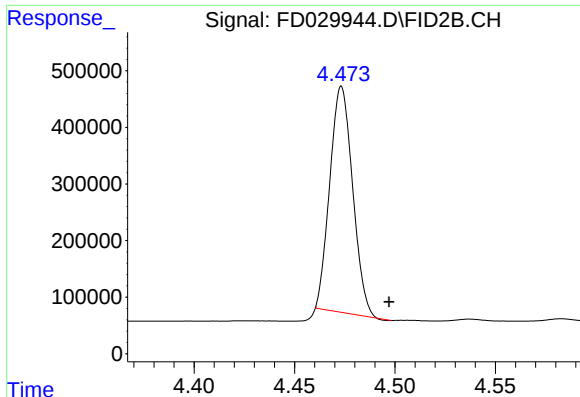
(m)=manual int.

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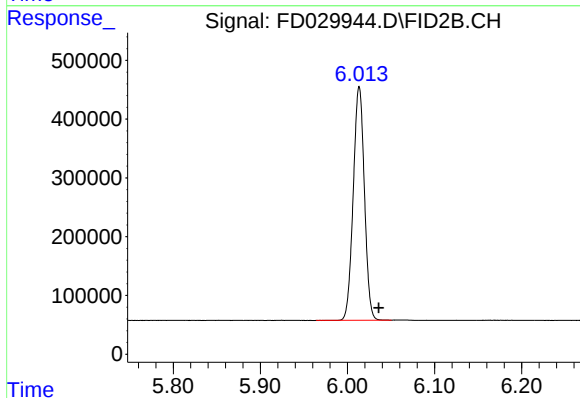
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Signal Info : 20M x 0.18mm x 0.18µm





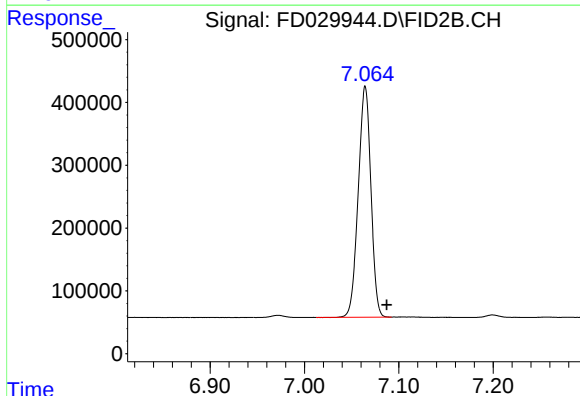
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.473 min
Delta R.T.: -0.024 min
Response: 3156877
Conc: 18.67 ug/ml



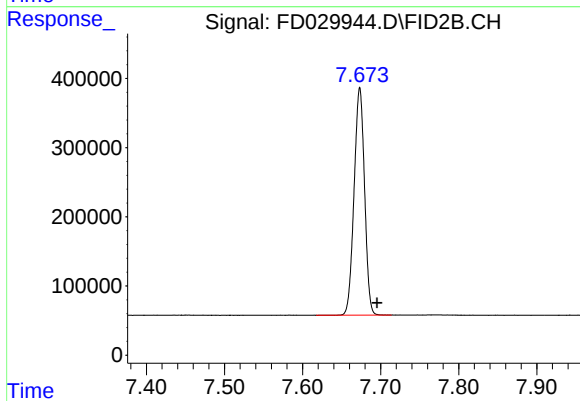
#2 Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.022 min
Response: 3542116
Conc: 19.79 ug/ml



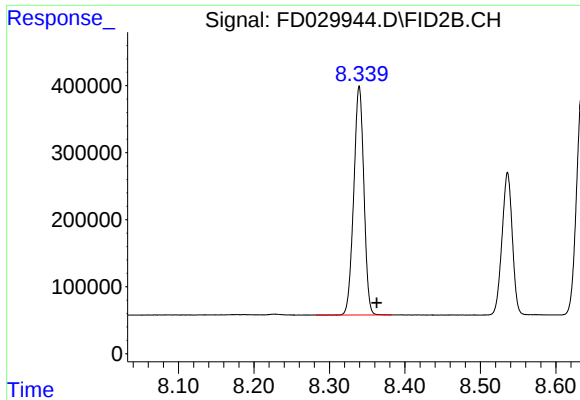
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: -0.023 min
Response: 3431898
Conc: 19.45 ug/ml



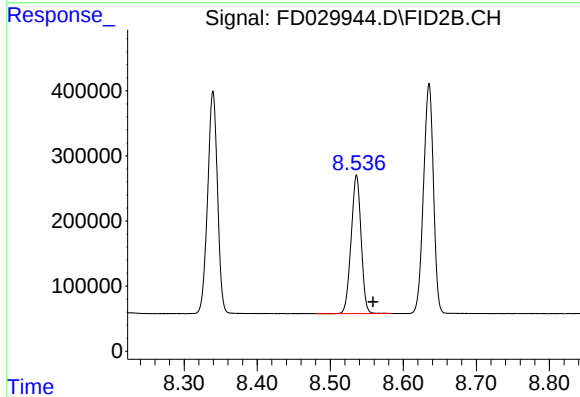
#4 2-Bromonaphthalene (SURR)

R.T.: 7.673 min
Delta R.T.: -0.022 min
Response: 3057042
Conc: 19.32 ug/ml



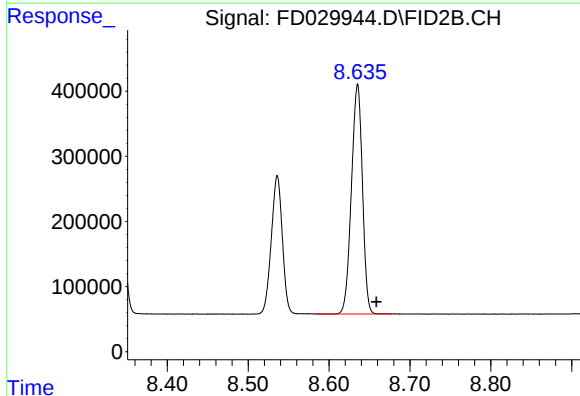
#5 Acenaphthylene (C15.06)

R.T.: 8.340 min
Delta R.T.: -0.023 min
Response: 3183287
Conc: 18.80 ug/ml



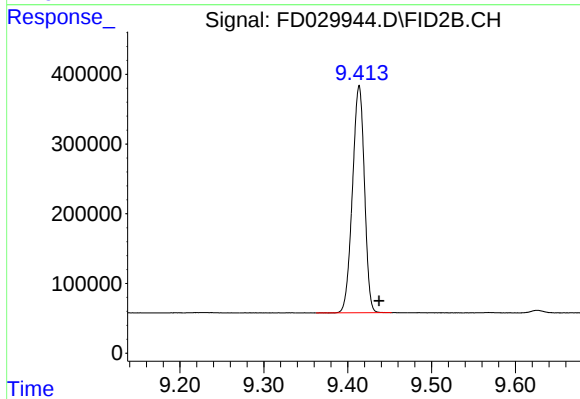
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.536 min
Delta R.T.: -0.022 min
Response: 2012715
Conc: 18.74 ug/ml



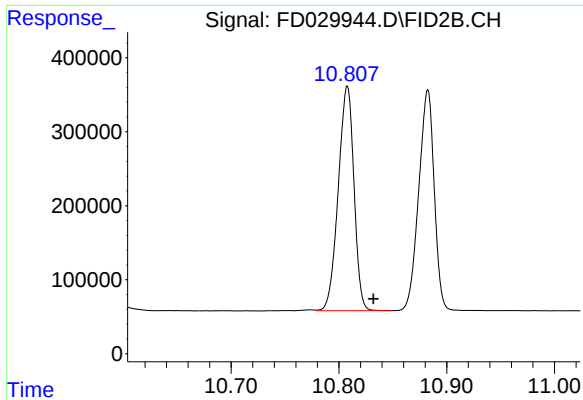
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.023 min
Response: 3331536
Conc: 18.91 ug/ml



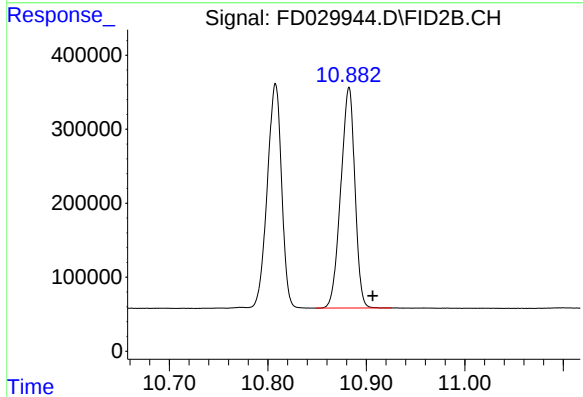
#8 Fluorene (C16.55)

R.T.: 9.414 min
Delta R.T.: -0.024 min
Response: 3231990
Conc: 18.50 ug/ml



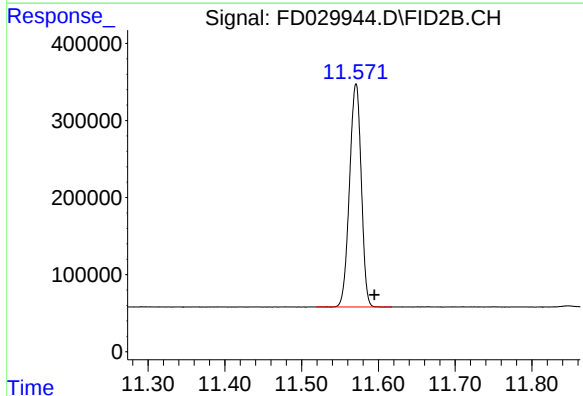
#9 Phenanthrene (C19.36)

R.T.: 10.808 min
Delta R.T.: -0.024 min
Response: 3072071
Conc: 17.72 ug/ml



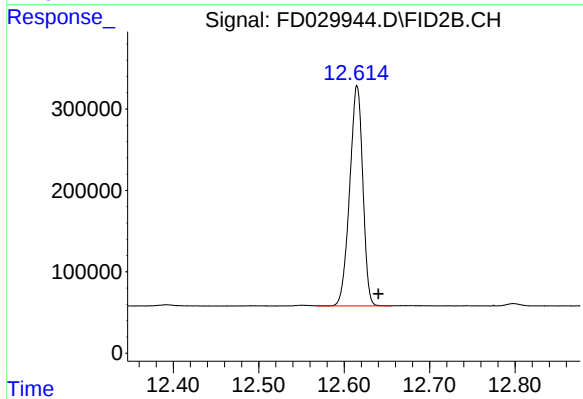
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: -0.024 min
Response: 2977814
Conc: 17.61 ug/ml



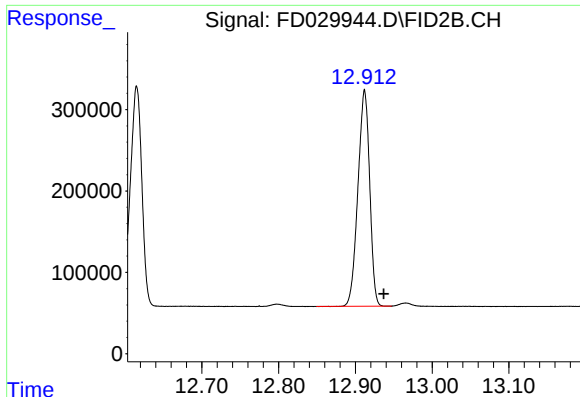
#11 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: -0.024 min
Response: 3077123
Conc: 18.13 ug/ml



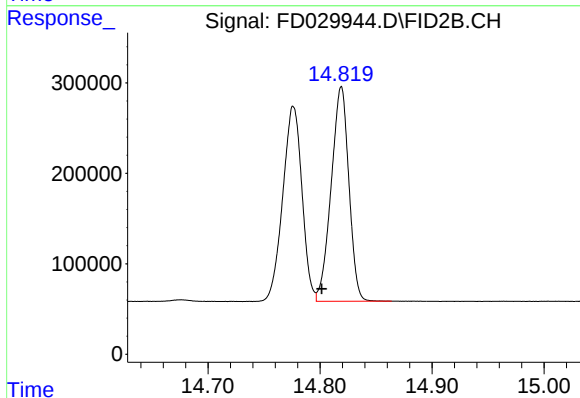
#12 Fluoranthene (C21.85)

R.T.: 12.615 min
Delta R.T.: -0.025 min
Response: 2883688
Conc: 16.84 ug/ml



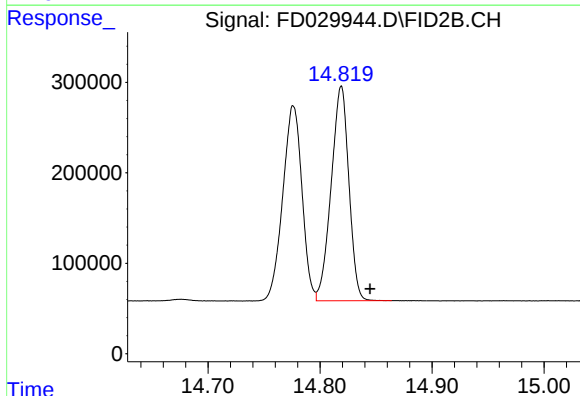
#13 Pyrene (C20.8)

R.T.: 12.912 min
Delta R.T.: -0.025 min
Response: 2829870
Conc: 16.64 ug/ml



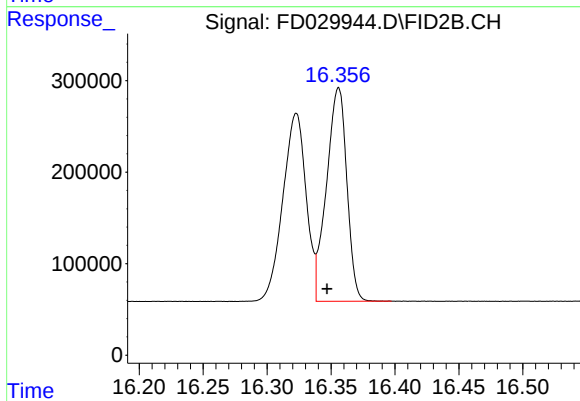
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.819 min
Delta R.T.: 0.017 min
Response: 2597135
Conc: 16.66 ug/ml



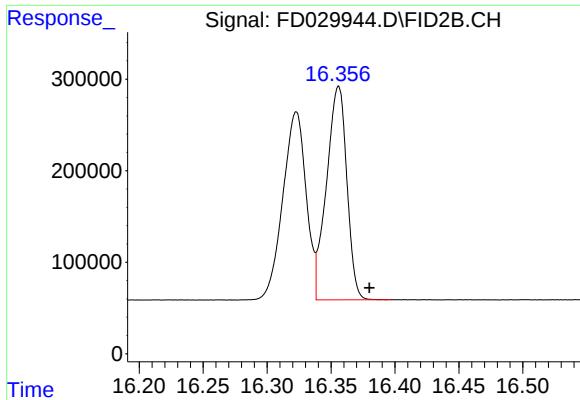
#15 Chrysene (C27.41)

R.T.: 14.819 min
Delta R.T.: -0.026 min
Response: 2597135
Conc: 16.66 ug/ml



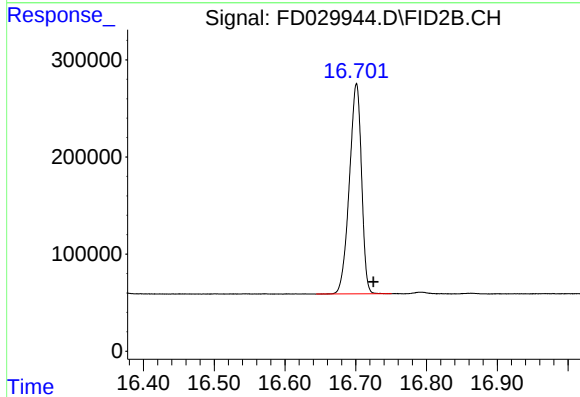
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.356 min
Delta R.T.: 0.009 min
Response: 2580905
Conc: 17.67 ug/ml



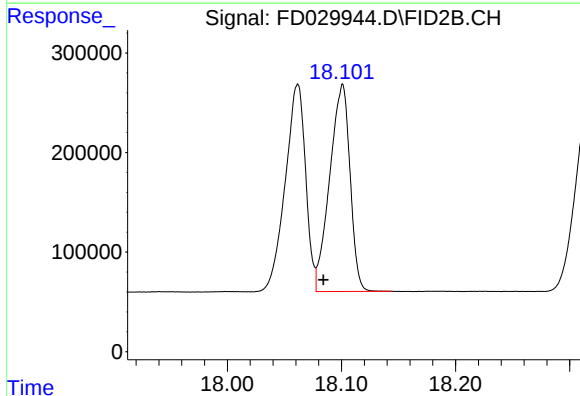
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.356 min
Delta R.T.: -0.024 min
Response: 2580905
Conc: 17.85 ug/ml



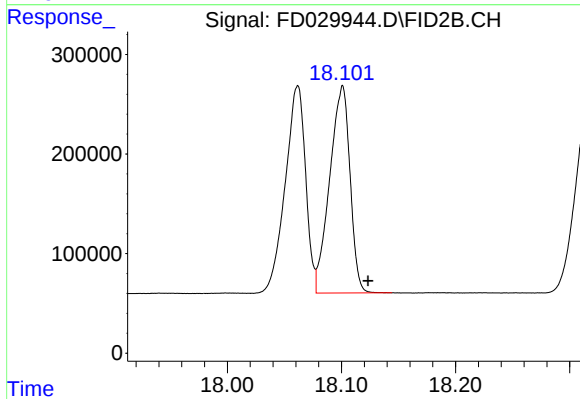
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.701 min
Delta R.T.: -0.024 min
Response: 2583495
Conc: 18.42 ug/ml



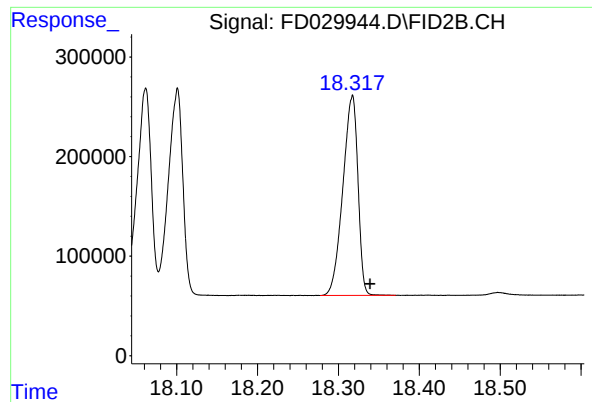
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.101 min
Delta R.T.: 0.017 min
Response: 2575992
Conc: 20.22 ug/ml



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

R.T.: 18.101 min
Delta R.T.: -0.022 min
Response: 2575992
Conc: 20.60 ug/ml



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

R.T.: 18.317 min
Delta R.T.: -0.022 min
Response: 2600746
Conc: 20.85 ug/ml