

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071919AR\
 Data File : FD029806.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jul 2019 12:26
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 19 23:44:12 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...	7.687	3099406	19.587 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
6) S 2-Fluorobiphenyl (SURR)	8.551	2093245	19.487 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.97%
11) S ortho-Terphenyl (SURR)	11.586	3258498	19.200 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	3315340	19.609 ug/ml
2) T Naphthalene (C11.7)	6.028	3513825	19.634 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	3454958	19.584 ug/ml
5) T Acenaphthylene (C15.06)	8.355	3287201	19.418 ug/ml
7) T Acenaphthene (C15.5)	8.650	3433014	19.483 ug/ml
8) T Fluorene (C16.55)	9.429	3389354	19.397 ug/ml
9) T Phenanthrene (C19.36)	10.823	3348912	19.312 ug/ml
10) T Anthracene (C19.43)	10.897	3233522	19.124 ug/ml
12) T Fluoranthene (C21.85)	12.631	3235228	18.892 ug/ml
13) T Pyrene (C20.8)	12.928	3202135	18.824 ug/ml
14) T Benzo[a]anthracene (C...	14.792	2854001	18.307 ug/ml
15) T Chrysene (C27.41)	14.835	2854189	18.312 ug/ml
16) T benzo[b]fluoranthene ...	16.337	2627027	17.990 ug/ml
17) T Bnezo[k]fluoranthene ...	16.370	2609669	18.044 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.715	2534379	18.073 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.073	2395785	18.805 ug/ml
20) T Dibenz[a,h]anthracene...	18.112	2396171	19.160 ug/ml
21) T Benzo[g,h,i]perylene ...	18.327	2407460	19.300 ug/ml

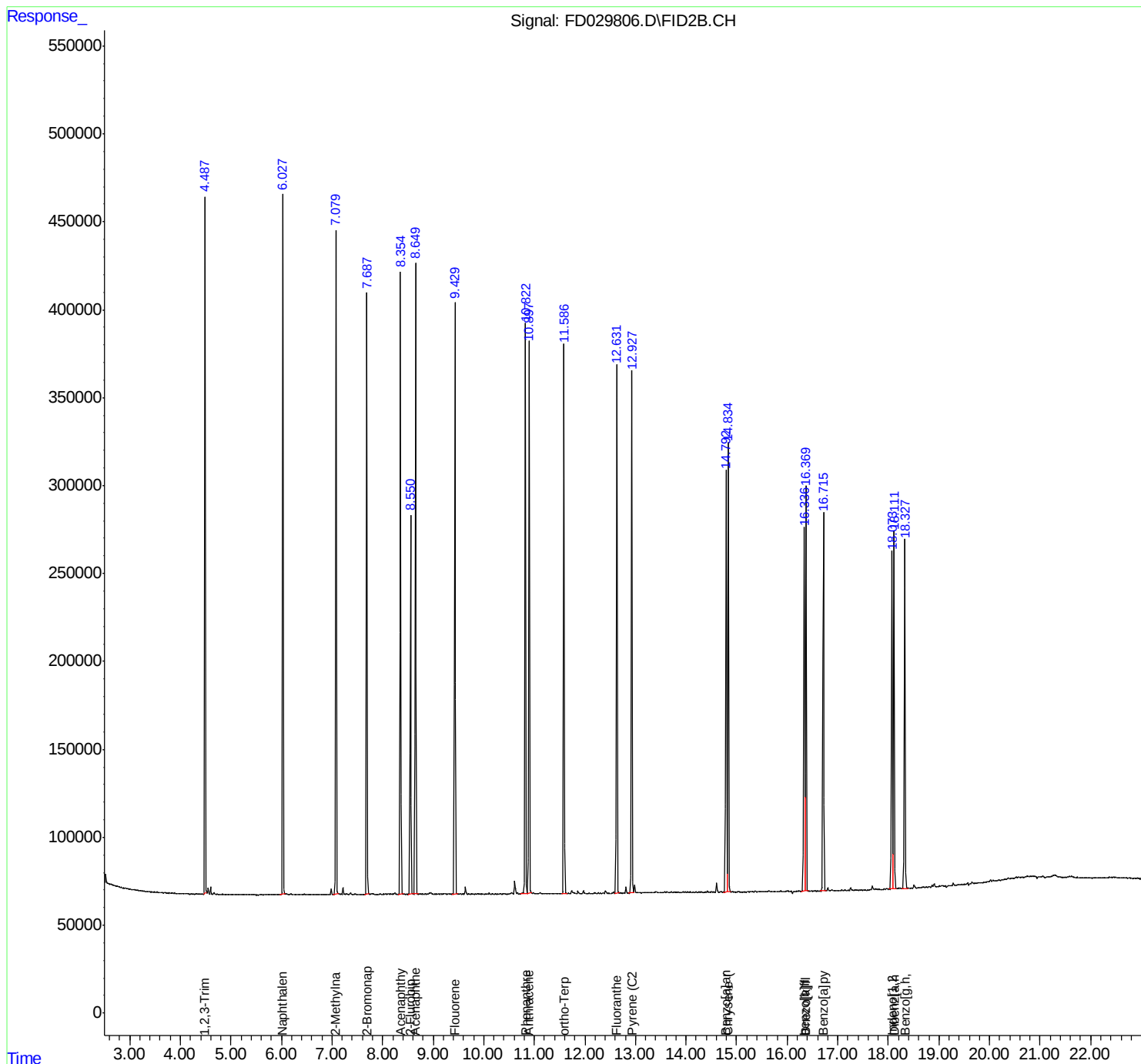
(f)=RT Delta > 1/2 Window

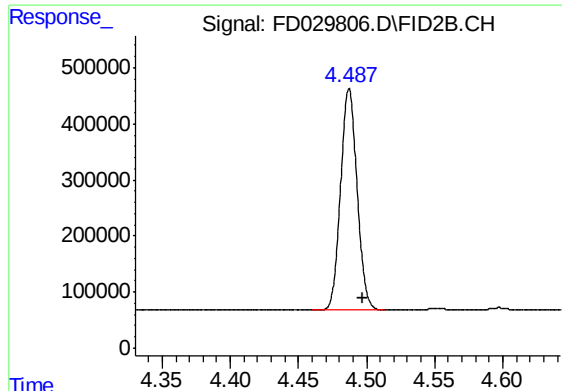
(m)=manual int.

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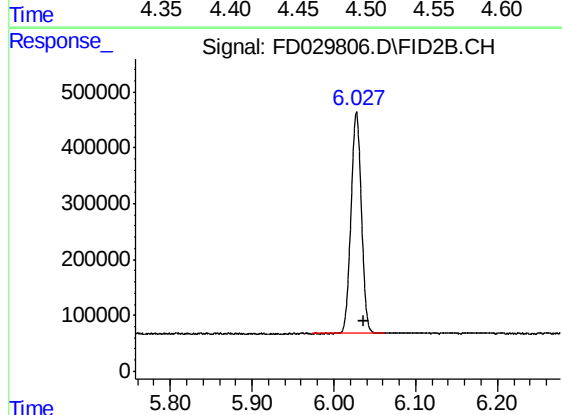
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





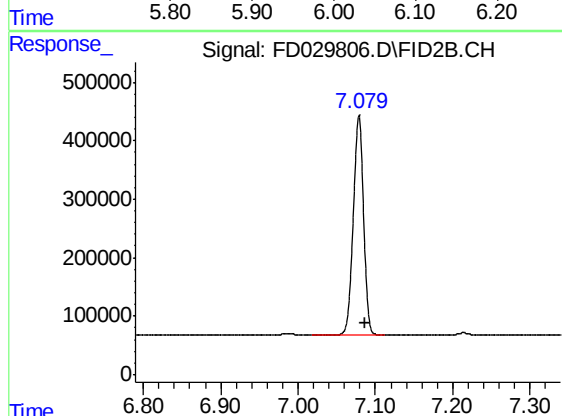
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.487 min
Delta R.T.: -0.010 min
Response: 3315340
Conc: 19.61 ug/ml



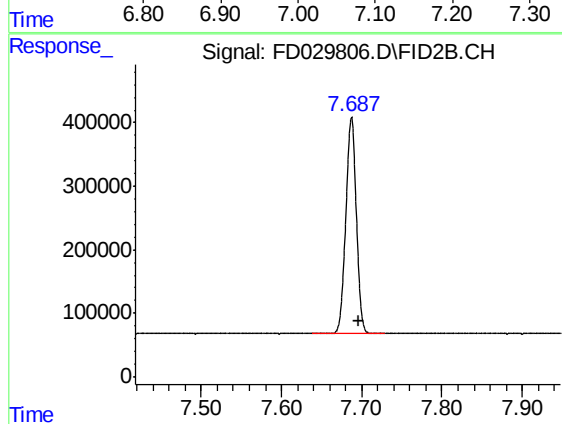
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.008 min
Response: 3513825
Conc: 19.63 ug/ml



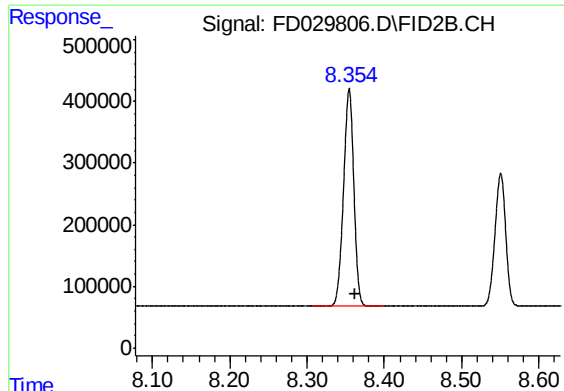
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.008 min
Response: 3454958
Conc: 19.58 ug/ml



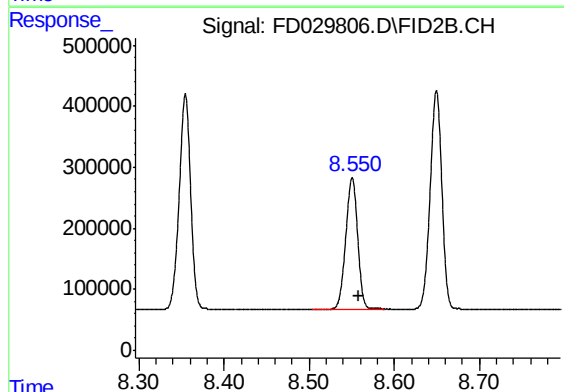
#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.008 min
Response: 3099406
Conc: 19.59 ug/ml



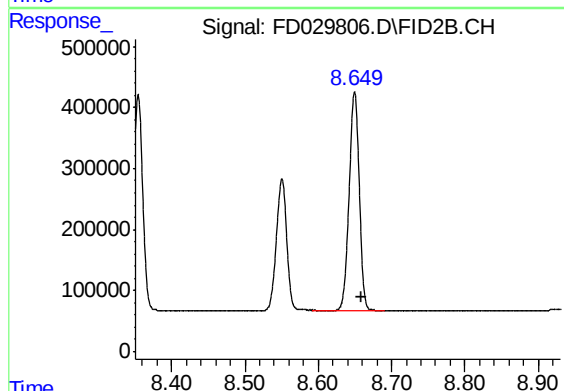
#5 Acenaphthylene (C15.06)

R.T.: 8.355 min
Delta R.T.: -0.008 min
Response: 3287201
Conc: 19.42 ug/ml



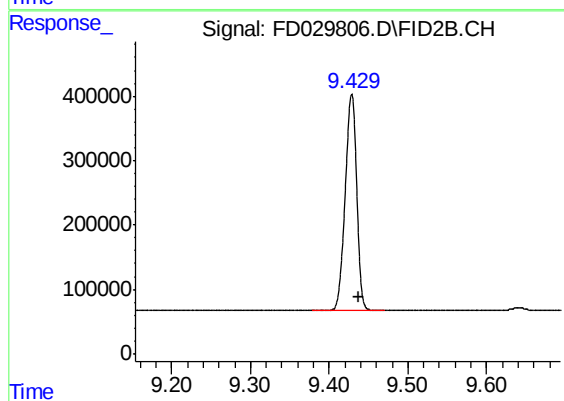
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.008 min
Response: 2093245
Conc: 19.49 ug/ml



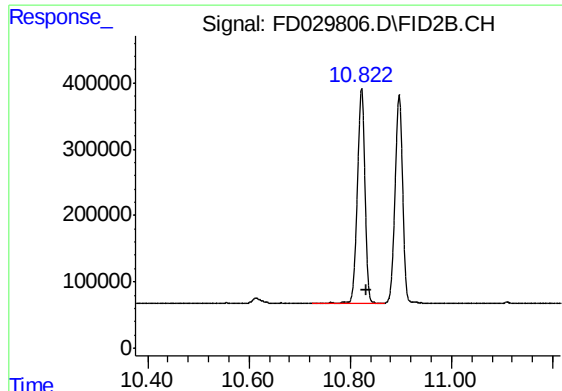
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.009 min
Response: 3433014
Conc: 19.48 ug/ml



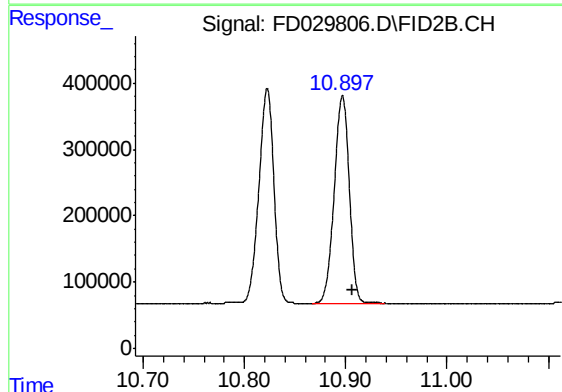
#8 Flouorene (C16.55)

R.T.: 9.429 min
Delta R.T.: -0.009 min
Response: 3389354
Conc: 19.40 ug/ml



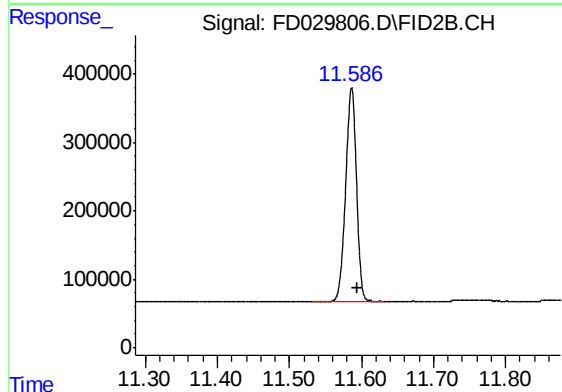
#9 Phenanthrene (C19.36)

R.T.: 10.823 min
Delta R.T.: -0.010 min
Response: 3348912
Conc: 19.31 ug/ml



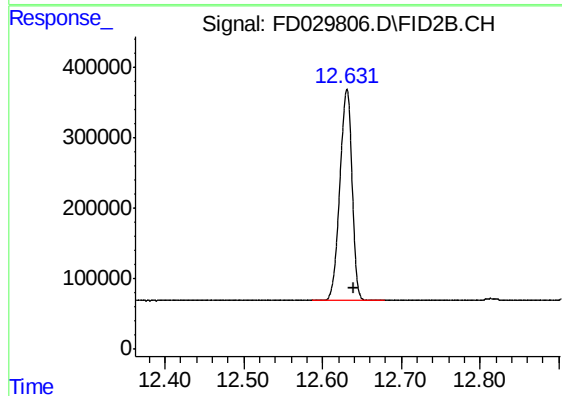
#10 Anthracene (C19.43)

R.T.: 10.897 min
Delta R.T.: -0.010 min
Response: 3233522
Conc: 19.12 ug/ml



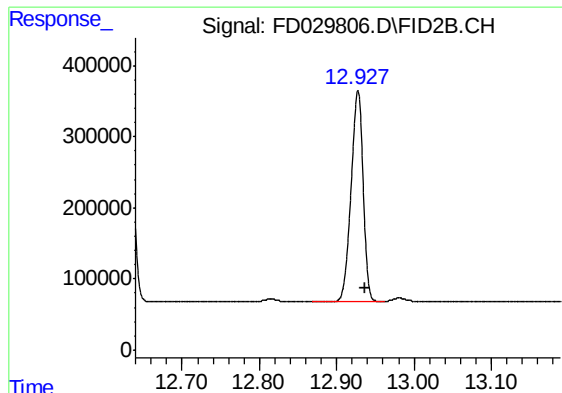
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: -0.008 min
Response: 3258498
Conc: 19.20 ug/ml



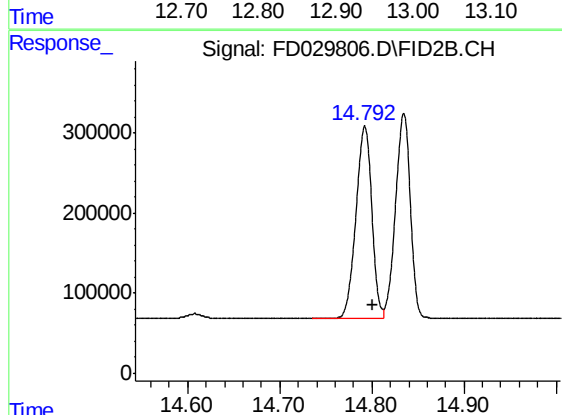
#12 Fluoranthene (C21.85)

R.T.: 12.631 min
Delta R.T.: -0.009 min
Response: 3235228
Conc: 18.89 ug/ml



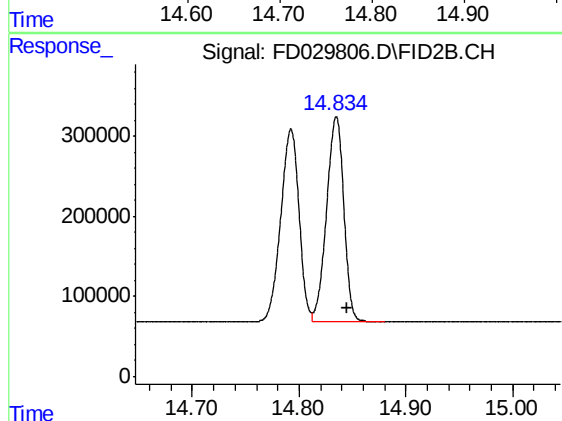
#13 Pyrene (C20.8)

R.T.: 12.928 min
Delta R.T.: -0.009 min
Response: 3202135
Conc: 18.82 ug/ml



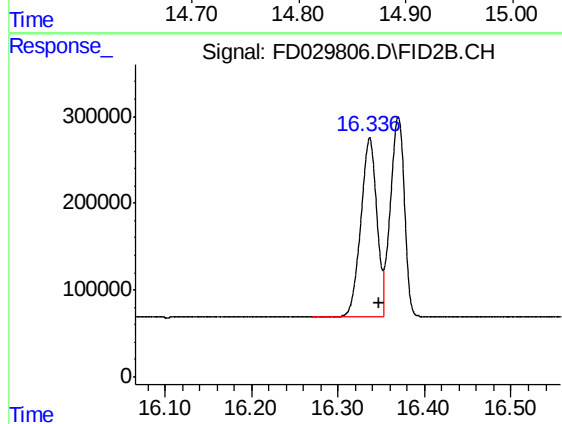
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.792 min
Delta R.T.: -0.009 min
Response: 2854001
Conc: 18.31 ug/ml



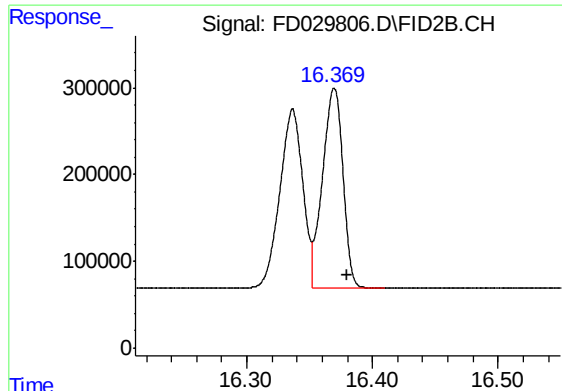
#15 Chrysene (C27.41)

R.T.: 14.835 min
Delta R.T.: -0.010 min
Response: 2854189
Conc: 18.31 ug/ml



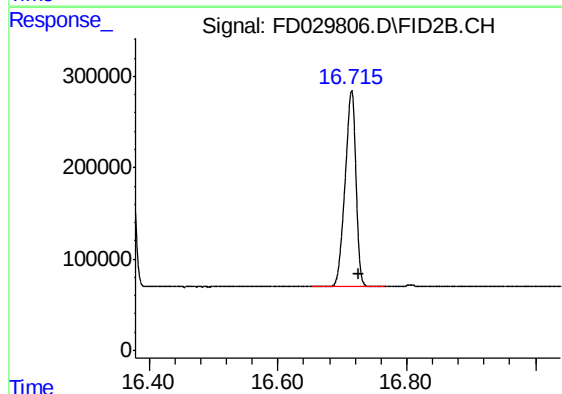
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.337 min
Delta R.T.: -0.010 min
Response: 2627027
Conc: 17.99 ug/ml



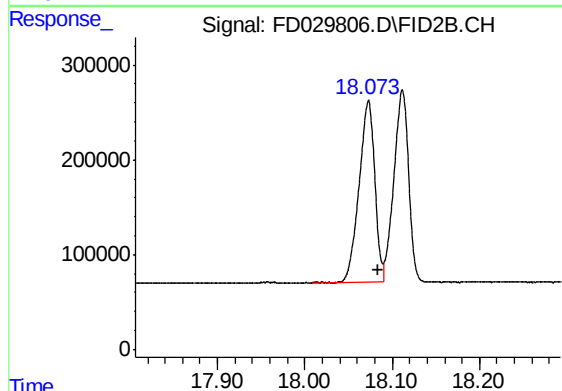
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.370 min
Delta R.T.: -0.010 min
Response: 2609669
Conc: 18.04 ug/ml



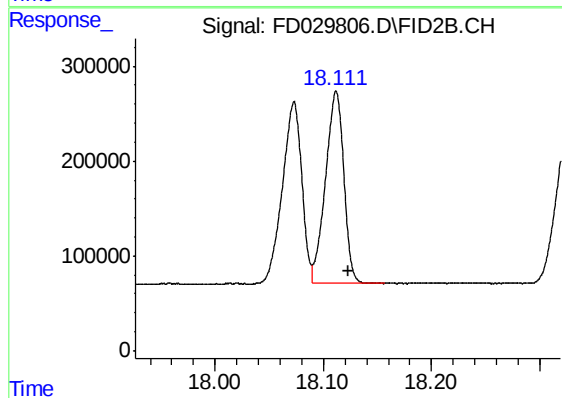
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.715 min
Delta R.T.: -0.010 min
Response: 2534379
Conc: 18.07 ug/ml



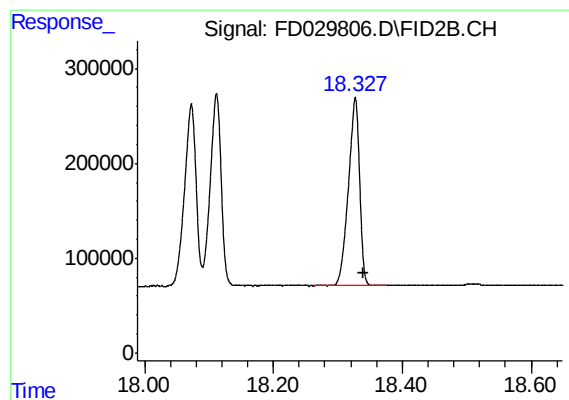
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.073 min
Delta R.T.: -0.011 min
Response: 2395785
Conc: 18.81 ug/ml



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

R.T.: 18.112 min
Delta R.T.: -0.011 min
Response: 2396171
Conc: 19.16 ug/ml



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

R.T.: 18.327 min
Delta R.T.: -0.012 min
Response: 2407460
Conc: 19.30 ug/ml