

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092618AR\
 Data File : FD025725.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2018 10:26
 Operator : AJ\SJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 26 13:08:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:07:19 2018
 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...	7.434	8029840	101.744 ug/ml
Spiked Amount 50.000		Recovery =	203.49%
6) S 2-Fluorobiphenyl (SURR)	8.287	5627098	101.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	202.96%#
11) S ortho-Terphenyl (SURR)	11.333	8571424	97.308 ug/ml
Spiked Amount 50.000		Recovery =	194.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	8593155	100.539 ug/ml
2) T Naphthalene (C11.7)	5.768	9376301	101.700 ug/ml
3) T 2-Methylnaphthalene (...)	6.821	9160956	101.950 ug/ml
5) T Acenaphthylene (C15.06)	8.092	8823487	100.726 ug/ml
7) T Acenaphthene (C15.5)	8.390	9193196	100.605 ug/ml
8) T Fluorene (C16.55)	9.169	9081245	100.040 ug/ml
9) T Phenanthrene (C19.36)	10.560	9318126	98.514 ug/ml
10) T Anthracene (C19.43)	10.637	9146926	98.380 ug/ml
12) T Fluoranthene (C21.85)	12.369	9667872	96.728 ug/ml
13) T Pyrene (C20.8)	12.665	9802996	96.768 ug/ml
14) T Benzo[a]anthracene (C...	14.536	9555786	96.193 ug/ml
15) T Chrysene (C27.41)	14.583	9592138	96.179 ug/ml
16) T benzo[b]fluoranthene ...	16.084	9754107	96.566 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	9501327	94.434 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.463	9697464	96.436 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	9674464	98.790 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	9030015	92.019 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.087	9553578	96.392 ug/ml

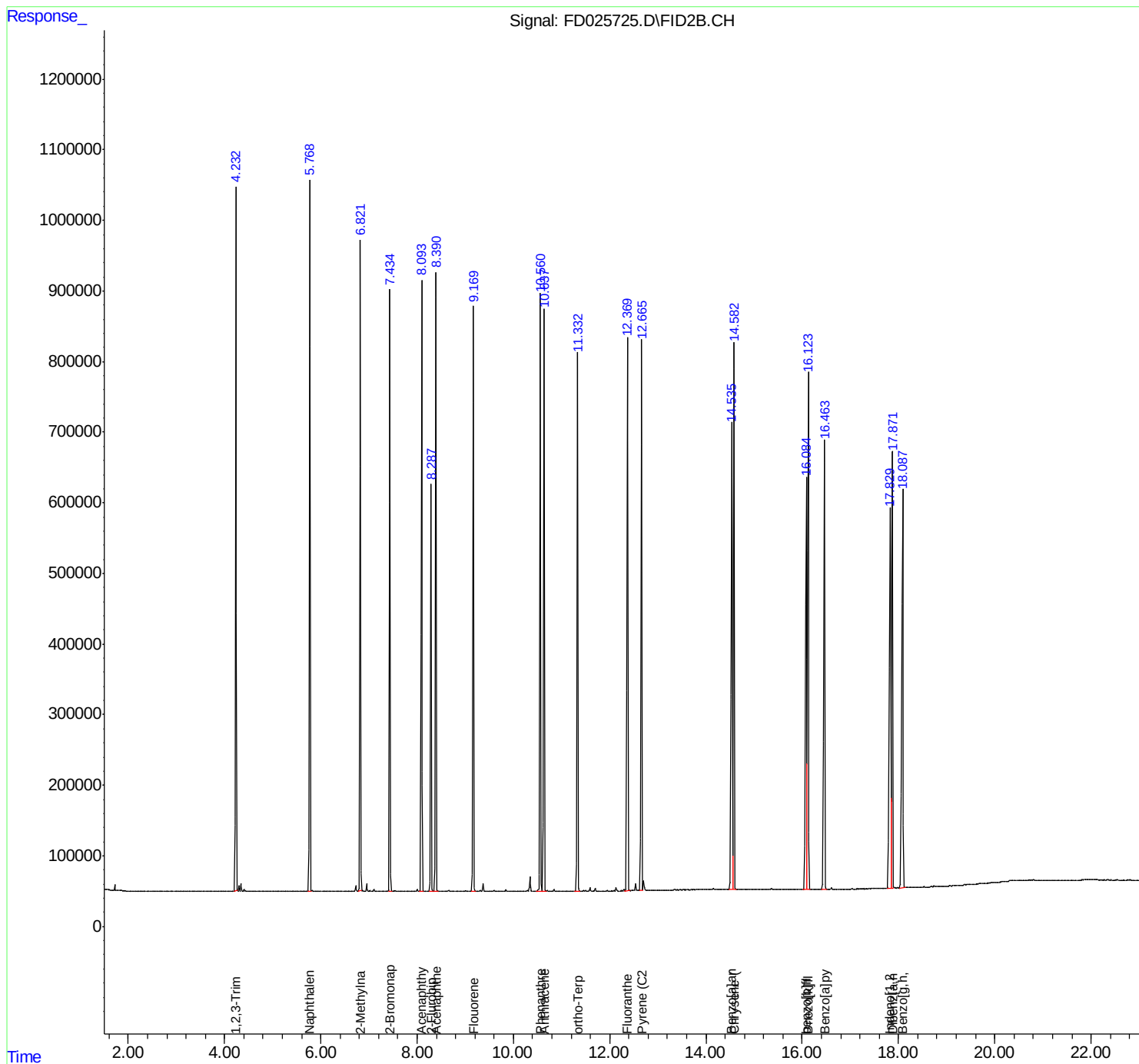
(f)=RT Delta > 1/2 Window

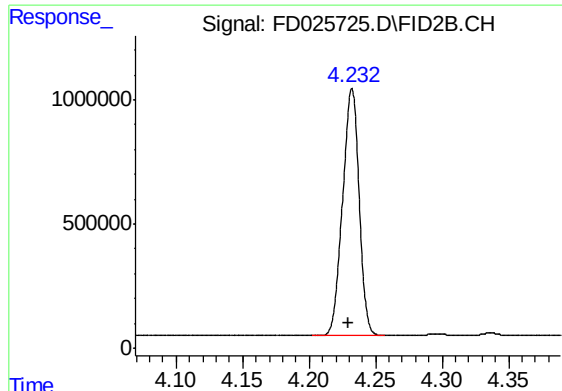
(m)=manual int.

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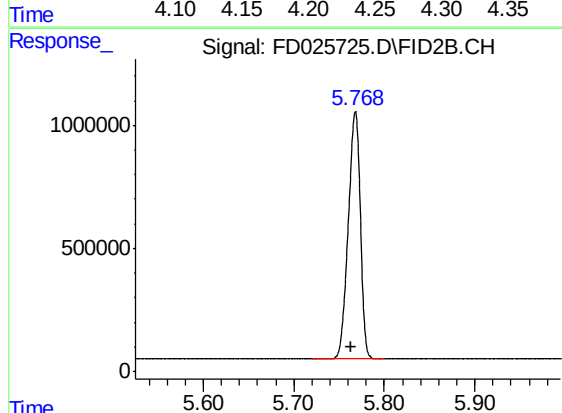
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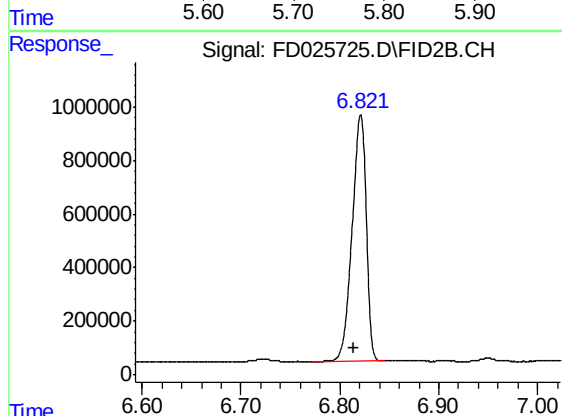
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.232 min
Delta R.T.: 0.002 min
Response: 8593155
Conc: 100.54 ug/ml



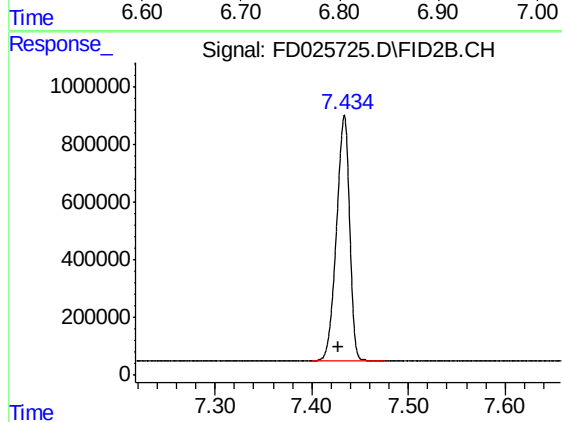
#2 Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: 0.004 min
Response: 9376301
Conc: 101.70 ug/ml



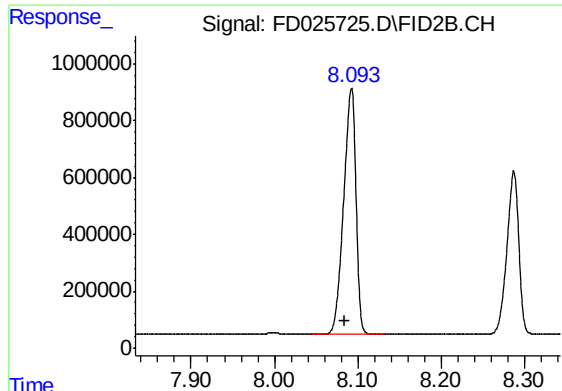
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: 0.007 min
Response: 9160956
Conc: 101.95 ug/ml



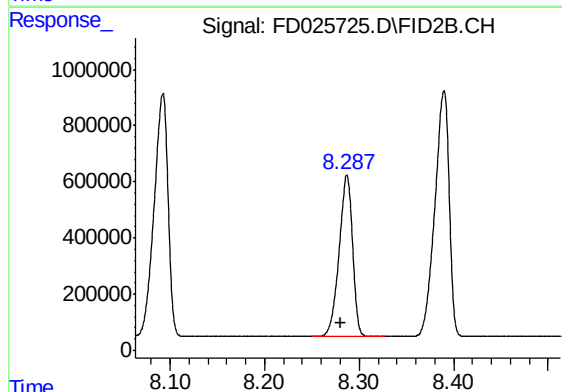
#4 2-Bromonaphthalene (SURR)

R.T.: 7.434 min
Delta R.T.: 0.006 min
Response: 8029840
Conc: 101.74 ug/ml



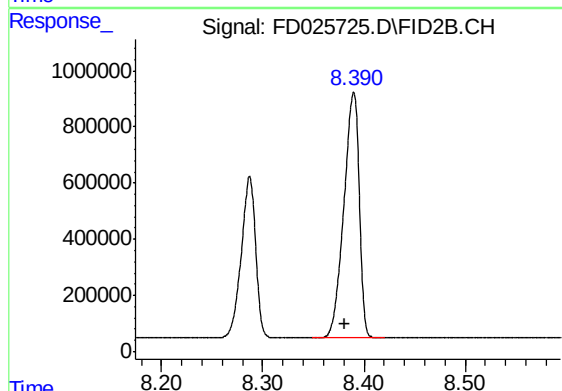
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: 0.008 min
Response: 8823487
Conc: 100.73 ug/ml



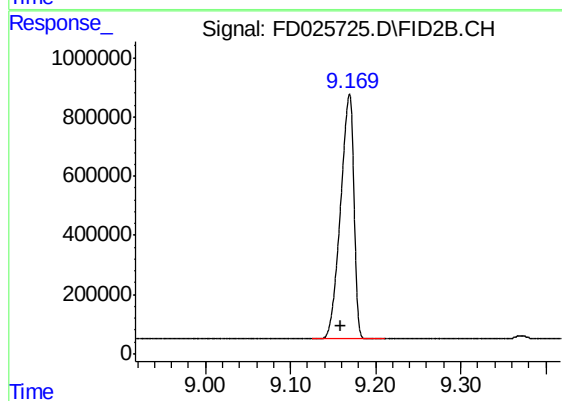
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.287 min
Delta R.T.: 0.006 min
Response: 5627098
Conc: 101.48 ug/ml



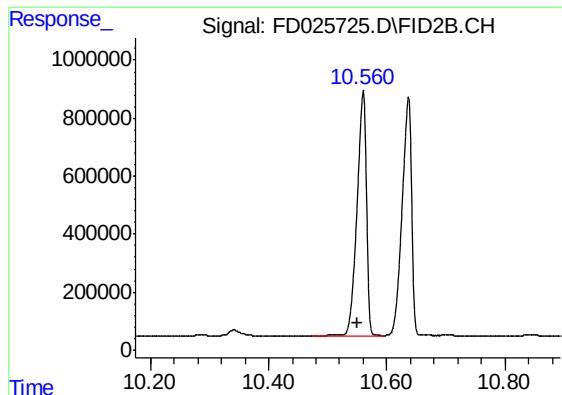
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: 0.010 min
Response: 9193196
Conc: 100.60 ug/ml



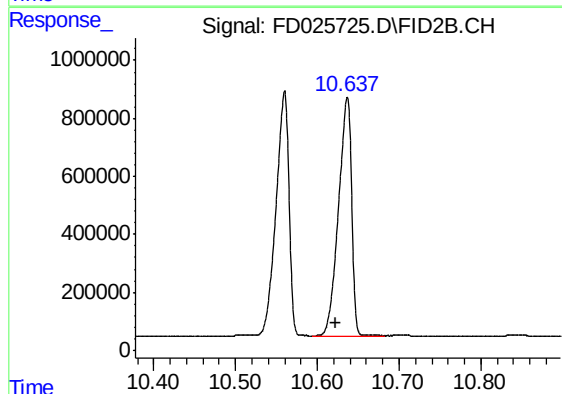
#8 Fluorene (C16.55)

R.T.: 9.169 min
Delta R.T.: 0.010 min
Response: 9081245
Conc: 100.04 ug/ml



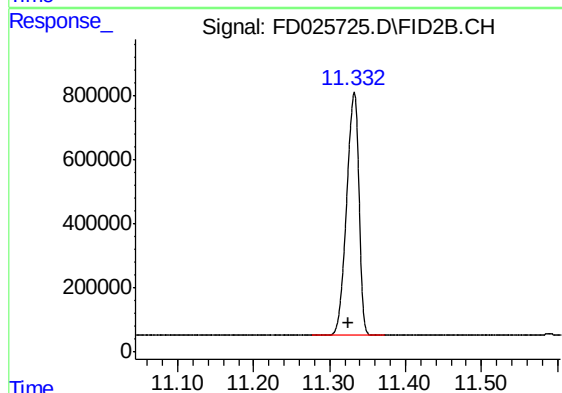
#9 Phenanthrene (C19.36)

R.T.: 10.560 min
Delta R.T.: 0.010 min
Response: 9318126
Conc: 98.51 ug/ml



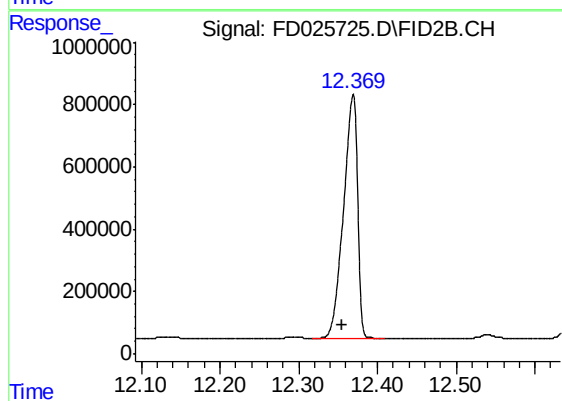
#10 Anthracene (C19.43)

R.T.: 10.637 min
Delta R.T.: 0.014 min
Response: 9146926
Conc: 98.38 ug/ml



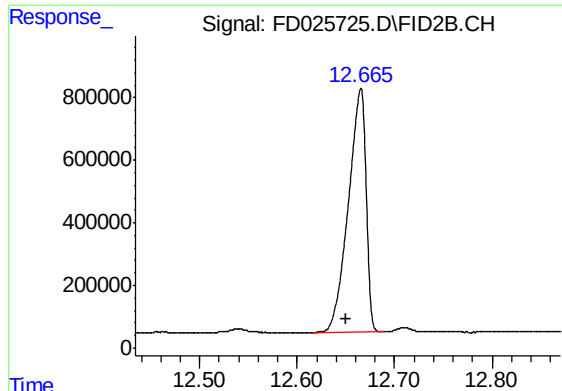
#11 ortho-Terphenyl (SURR)

R.T.: 11.333 min
Delta R.T.: 0.008 min
Response: 8571424
Conc: 97.31 ug/ml



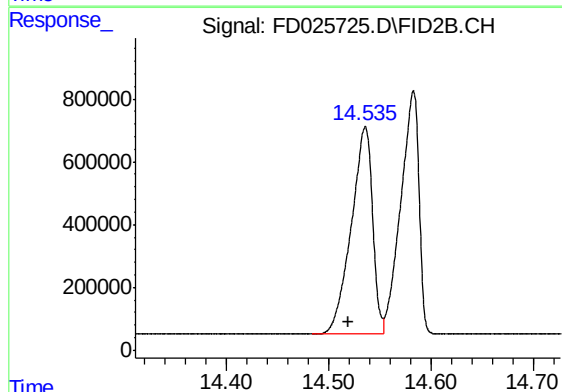
#12 Fluoranthene (C21.85)

R.T.: 12.369 min
Delta R.T.: 0.014 min
Response: 9667872
Conc: 96.73 ug/ml



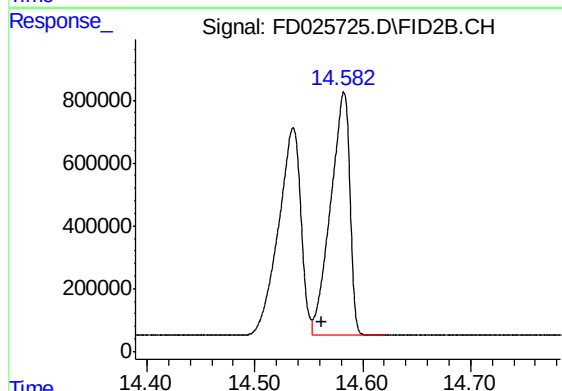
#13 Pyrene (C20.8)

R.T.: 12.665 min
Delta R.T.: 0.015 min
Response: 9802996
Conc: 96.77 ug/ml



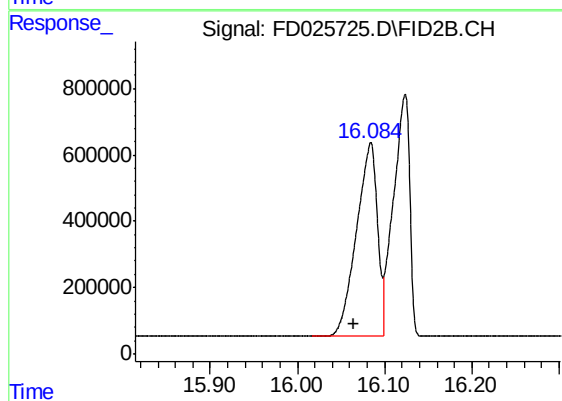
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.536 min
Delta R.T.: 0.016 min
Response: 9555786
Conc: 96.19 ug/ml



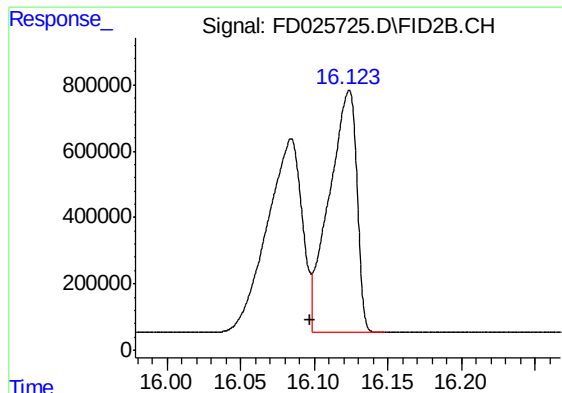
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.021 min
Response: 9592138
Conc: 96.18 ug/ml



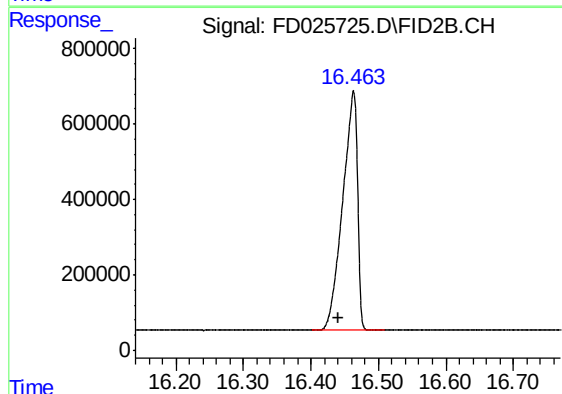
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.084 min
Delta R.T.: 0.020 min
Response: 9754107
Conc: 96.57 ug/ml



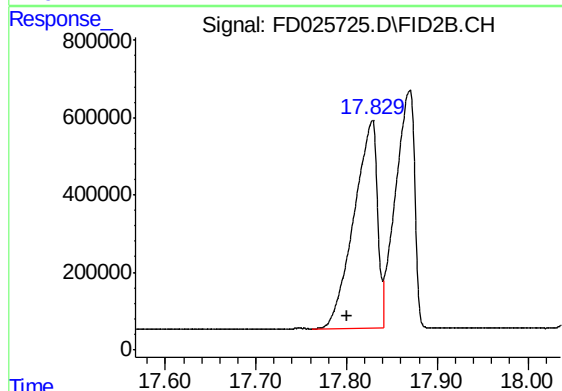
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min
Delta R.T.: 0.027 min
Response: 9501327
Conc: 94.43 ug/ml m



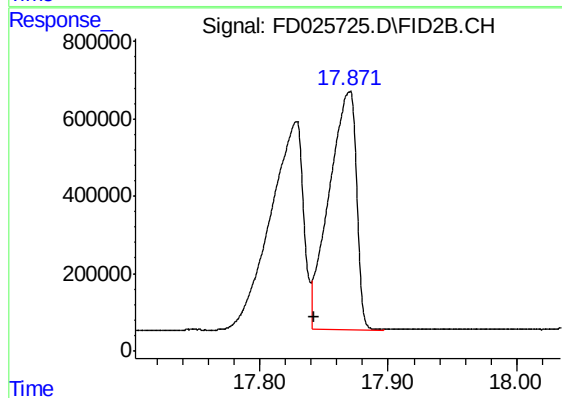
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.023 min
Response: 9697464
Conc: 96.44 ug/ml



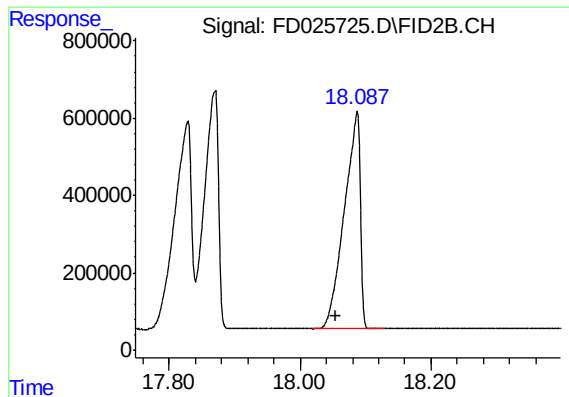
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.028 min
Response: 9674464
Conc: 98.79 ug/ml



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

R.T.: 17.871 min
Delta R.T.: 0.028 min
Response: 9030015
Conc: 92.02 ug/ml m



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

R.T.: 18.087 min
Delta R.T.: 0.033 min
Response: 9553578
Conc: 96.39 ug/ml