

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AR\
 Data File : FD035825.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2020 23:36
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 02:10:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 02:09:56 2020
 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...	7.591	11693537	101.835 ug/ml
Spiked Amount 50.000		Recovery =	203.67%
6) S 2-Fluorobiphenyl (SURR)	8.458	8017946	108.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	216.52%#
11) S ortho-Terphenyl (SURR)	11.493	13027248	97.977 ug/ml
Spiked Amount 50.000		Recovery =	195.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	12945112	99.791 ug/ml
2) T Naphthalene (C11.7)	5.930	13691250	102.531 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	13554853	103.688 ug/ml
5) T Acenaphthylene (C15.06)	8.259	13039659	99.781 ug/ml
7) T Acenaphthene (C15.5)	8.556	13530555	96.730 ug/ml
8) T Fluorene (C16.55)	9.337	13081287	101.633 ug/ml
9) T Phenanthrene (C19.36)	10.735	12864989	101.424 ug/ml
10) T Anthracene (C19.43)	10.812	12827808	98.734 ug/ml
12) T Fluoranthene (C21.85)	12.550	12631334	99.793 ug/ml
13) T Pyrene (C20.8)	12.847	12617688	99.139 ug/ml
14) T Benzo[a]anthracene (C...	14.722	11149195	107.066 ug/ml
15) T Chrysene (C27.41)	14.767	11530678	93.006 ug/ml
16) T benzo[b]fluoranthene ...	16.278	10760682	108.322 ug/ml
17) T Bnezo[k]fluoranthene ...	16.314	10299220	92.325 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	9621737	102.526 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	10292170	127.344 ug/mlm
20) T Dibenz[a,h]anthracene...	18.068	10004965	88.891 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.288	10002846	105.701 ug/ml

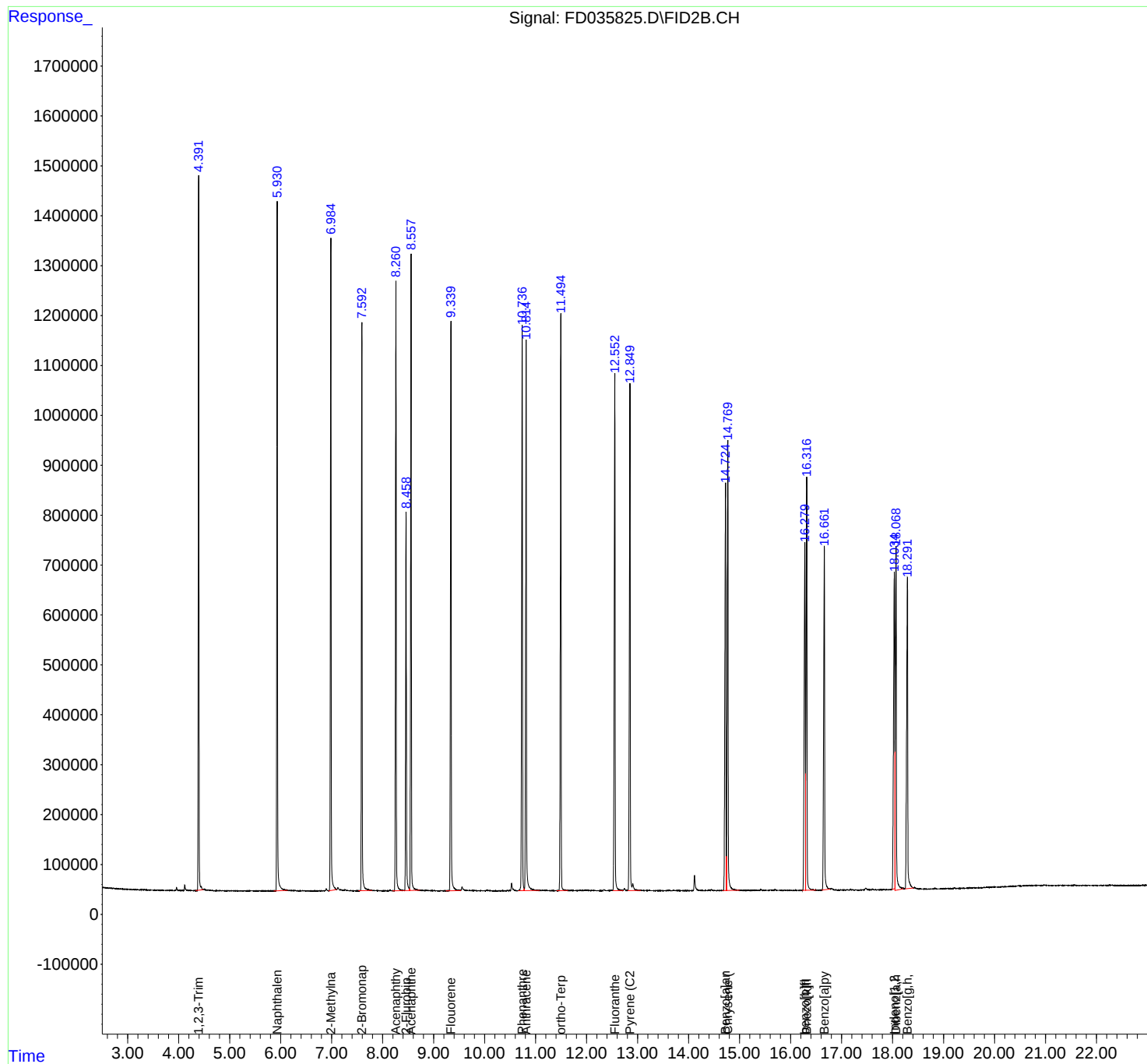
(f)=RT Delta > 1/2 Window

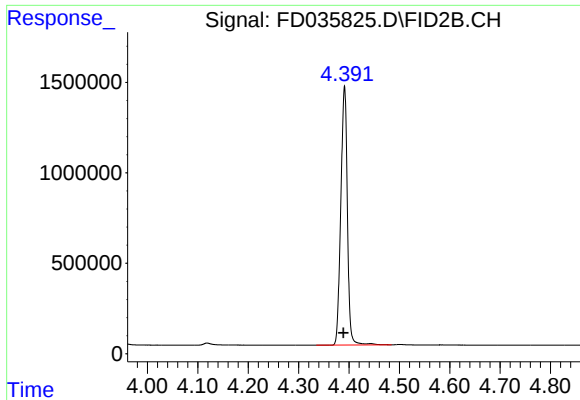
(m)=manual int.

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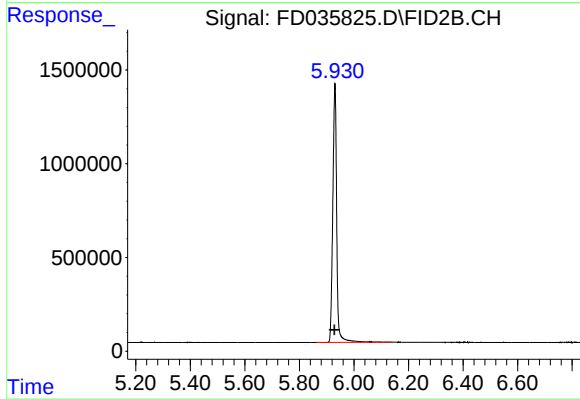
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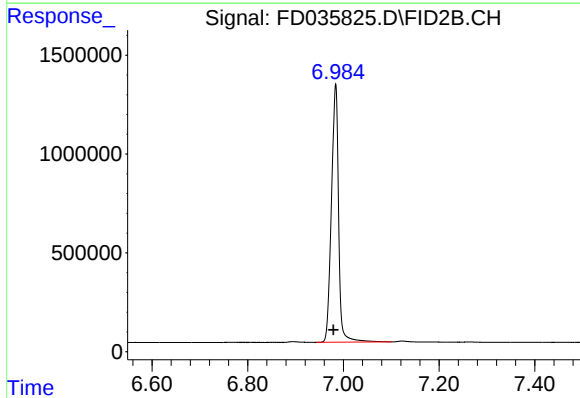
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: 0.002 min
Response: 12945112
Conc: 99.79 ug/ml



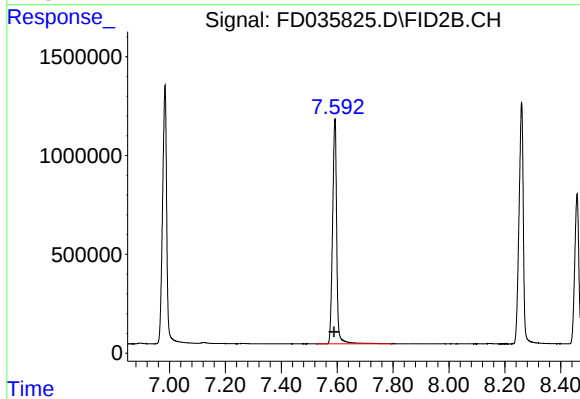
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 13691250
Conc: 102.53 ug/ml



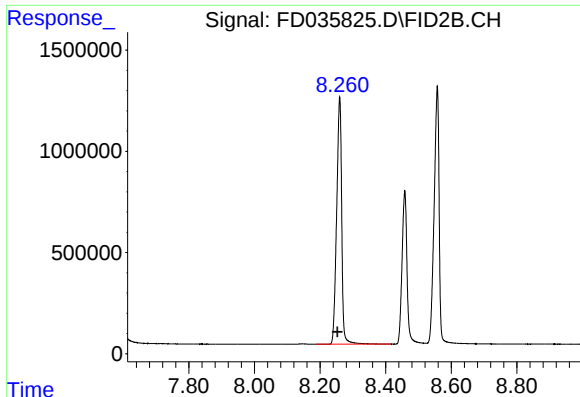
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.004 min
Response: 13554853
Conc: 103.69 ug/ml



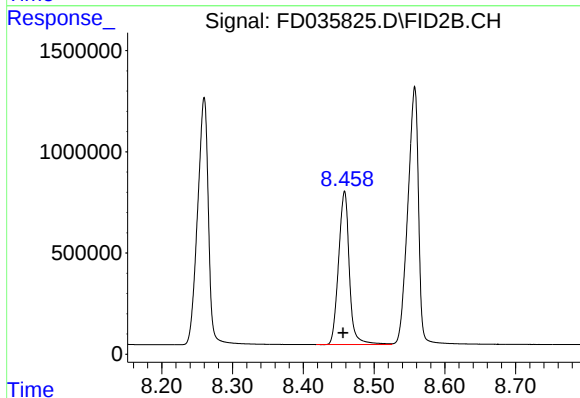
#4 2-Bromonaphthalene (SURR)

R.T.: 7.591 min
Delta R.T.: 0.003 min
Response: 11693537
Conc: 101.84 ug/ml



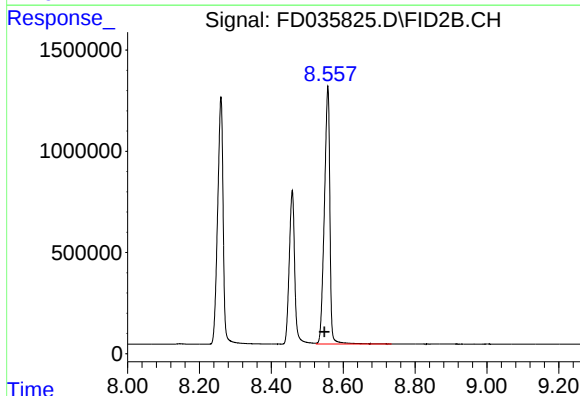
#5 Acenaphthylene (C15.06)

R.T.: 8.259 min
Delta R.T.: 0.005 min
Response: 13039659
Conc: 99.78 ug/ml



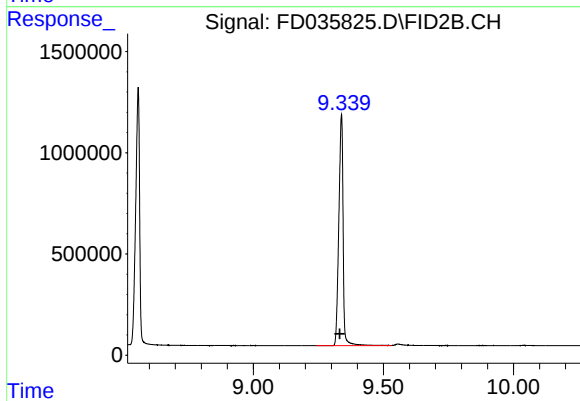
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min
Delta R.T.: 0.002 min
Response: 8017946
Conc: 108.26 ug/ml



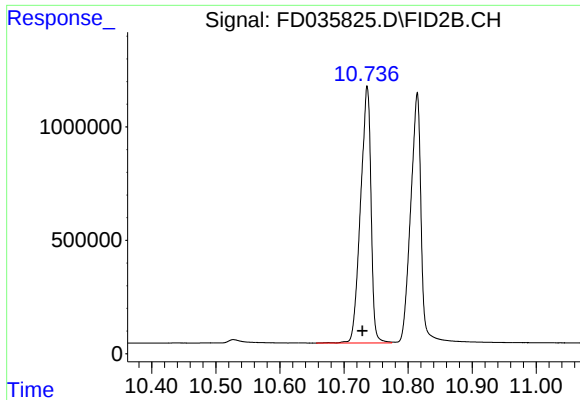
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: 0.008 min
Response: 13530555
Conc: 96.73 ug/ml



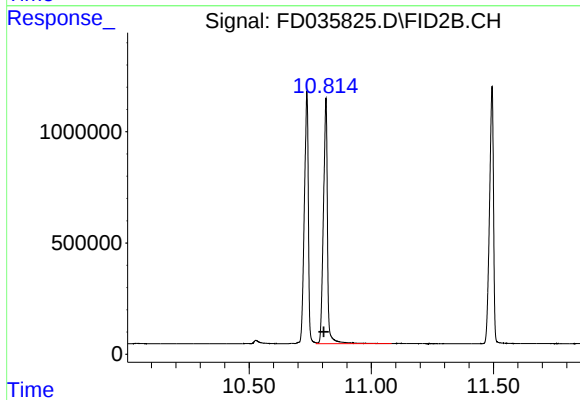
#8 Fluorene (C16.55)

R.T.: 9.337 min
Delta R.T.: 0.006 min
Response: 13081287
Conc: 101.63 ug/ml



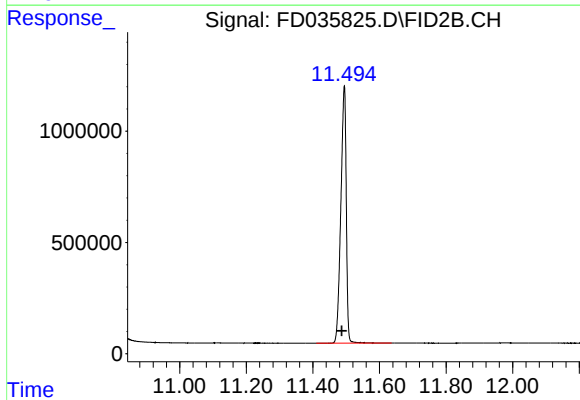
#9 Phenanthrene (C19.36)

R.T.: 10.735 min
Delta R.T.: 0.006 min
Response: 12864989
Conc: 101.42 ug/ml



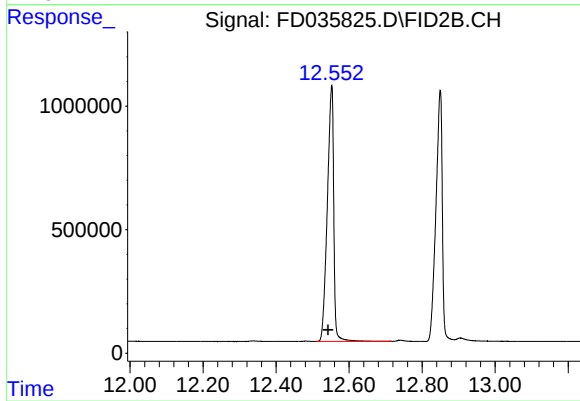
#10 Anthracene (C19.43)

R.T.: 10.812 min
Delta R.T.: 0.007 min
Response: 12827808
Conc: 98.73 ug/ml



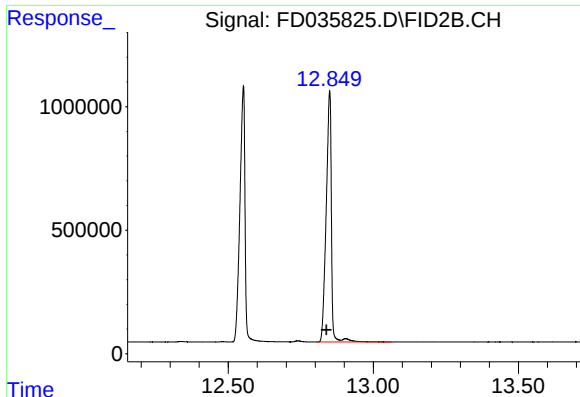
#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.006 min
Response: 13027248
Conc: 97.98 ug/ml



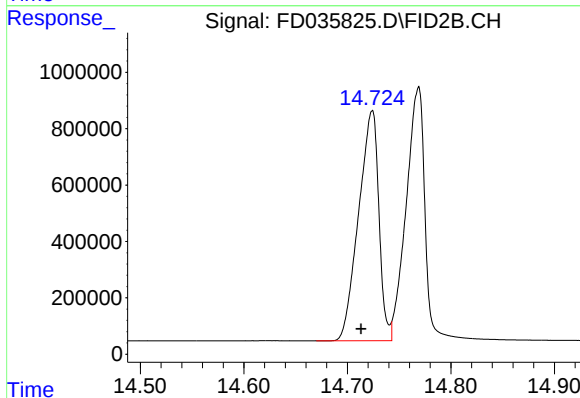
#12 Fluoranthene (C21.85)

R.T.: 12.550 min
Delta R.T.: 0.007 min
Response: 12631334
Conc: 99.79 ug/ml



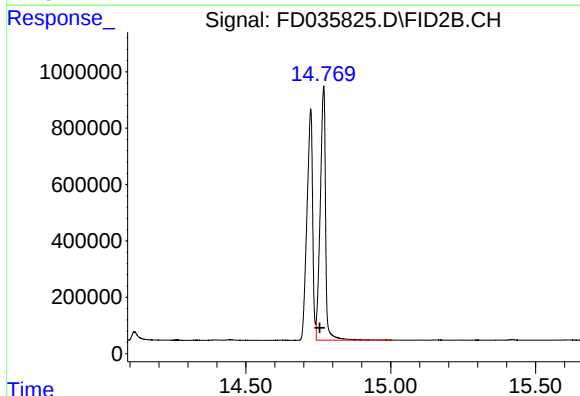
#13 Pyrene (C20.8)

R.T.: 12.847 min
Delta R.T.: 0.009 min
Response: 12617688
Conc: 99.14 ug/ml



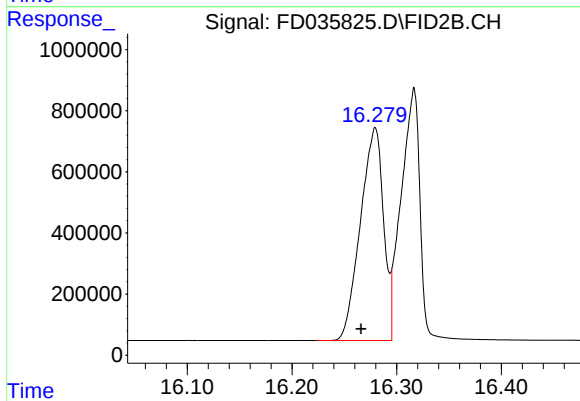
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.722 min
Delta R.T.: 0.009 min
Response: 11149195
Conc: 107.07 ug/ml



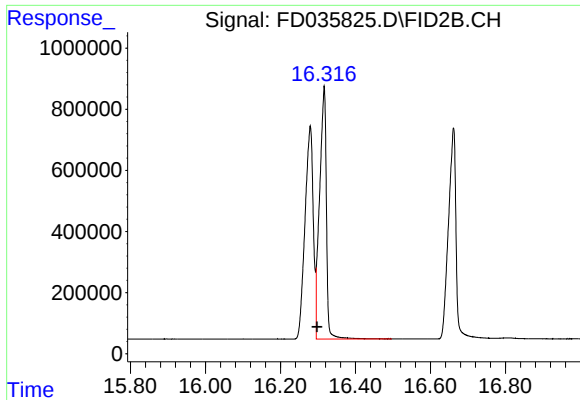
#15 Chrysene (C27.41)

R.T.: 14.767 min
Delta R.T.: 0.011 min
Response: 11530678
Conc: 93.01 ug/ml



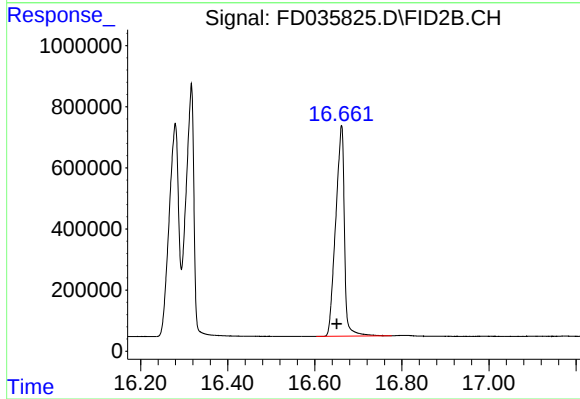
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.278 min
Delta R.T.: 0.012 min
Response: 10760682
Conc: 108.32 ug/ml



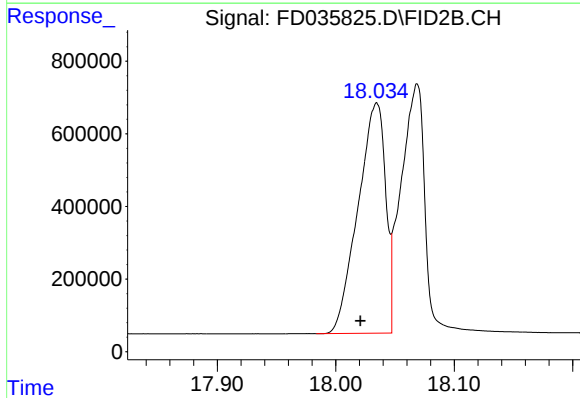
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.314 min
Delta R.T.: 0.016 min
Response: 10299220
Conc: 92.33 ug/ml



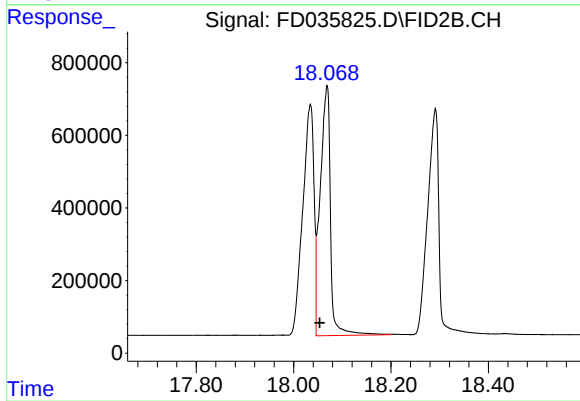
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: 0.008 min
Response: 9621737
Conc: 102.53 ug/ml



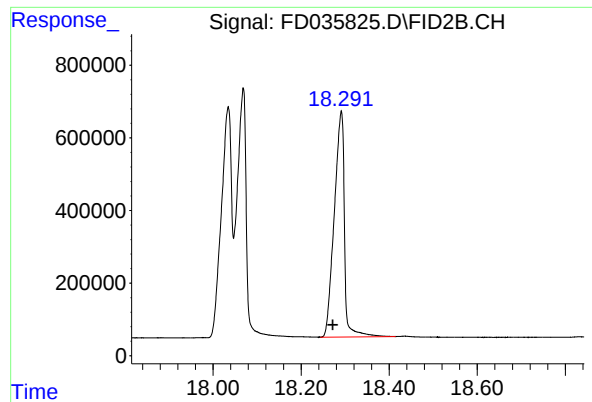
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.014 min
Response: 10292170
Conc: 127.34 ug/ml m



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

R.T.: 18.068 min
Delta R.T.: 0.015 min
Response: 10004965
Conc: 88.89 ug/ml m



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

R.T.: 18.288 min
Delta R.T.: 0.016 min
Response: 10002846
Conc: 105.70 ug/ml