

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101921AR\
 Data File : FD039123.D
 Signal(s) : FID2B.CH
 Acq On : 19 Oct 2021 16:57
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 01:08:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 2021
 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...	7.760	2357913	18.066 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
6) S 2-Fluorobiphenyl (SURR)	8.629	1562468	17.555 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.11%
11) S ortho-Terphenyl (SURR)	11.672	2412913	17.561 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.549	2616821	18.697 ug/ml
2) T Naphthalene (C11.7)	6.096	2688007	18.217 ug/ml
3) T 2-Methylnaphthalene (...)	7.150	2682152	18.003 ug/ml
5) T Acenaphthylene (C15.06)	8.431	2438806	17.798 ug/ml
7) T Acenaphthene (C15.5)	8.727	2577585	17.863 ug/ml
8) T Fluorene (C16.55)	9.510	2501012	17.616 ug/ml
9) T Phenanthrene (C19.36)	10.910	2386935	17.209 ug/ml
10) T Anthracene (C19.43)	10.985	2318006	16.954 ug/ml
12) T Fluoranthene (C21.85)	12.726	2316621	16.850 ug/ml
13) T Pyrene (C20.8)	13.025	2242408	16.732 ug/ml
14) T Benzo[a]anthracene (C...	14.897	2084873	17.139 ug/ml
15) T Chrysene (C27.41)	14.940	2190297	17.237 ug/ml
16) T benzo[b]fluoranthene ...	16.448	2169898	18.334 ug/ml
17) T Bnezo[k]fluoranthene ...	16.482	2164691	18.404 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.829	2146122	18.751 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.194	2140014	19.671 ug/ml
20) T Dibenz[a,h]anthracene...	18.232	2129294	20.037 ug/ml
21) T Benzo[g,h,i]perylene ...	18.450	2169088	20.032 ug/ml

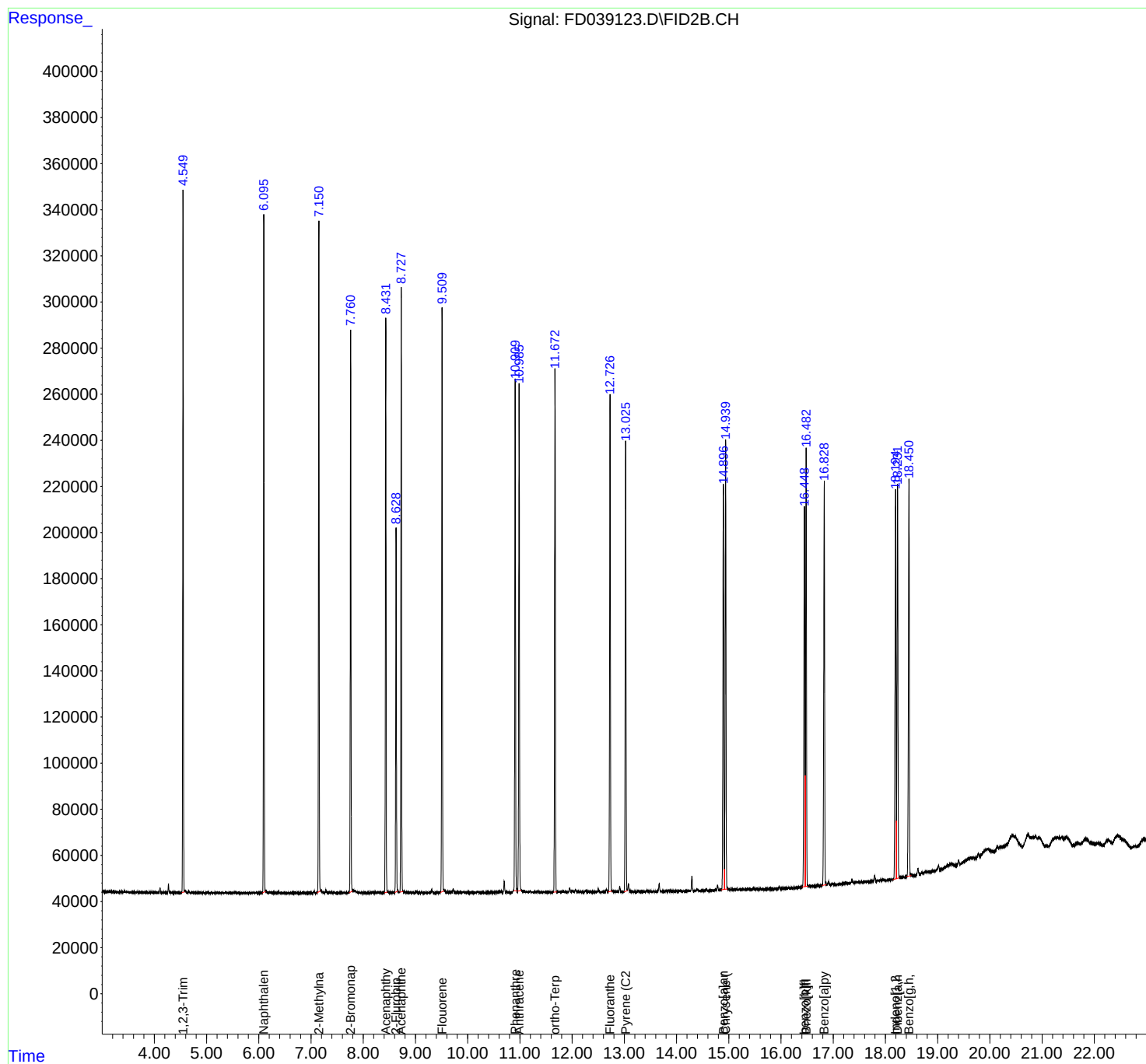
(f)=RT Delta > 1/2 Window

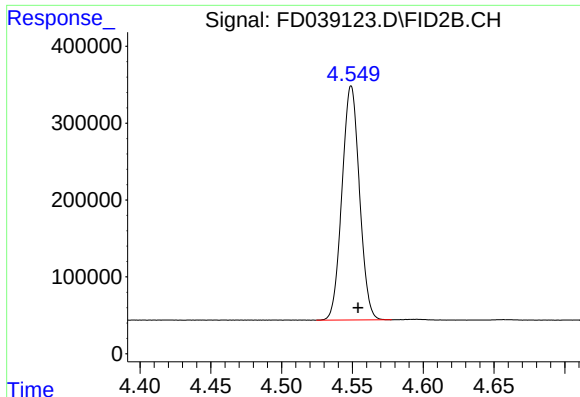
(m)=manual int.

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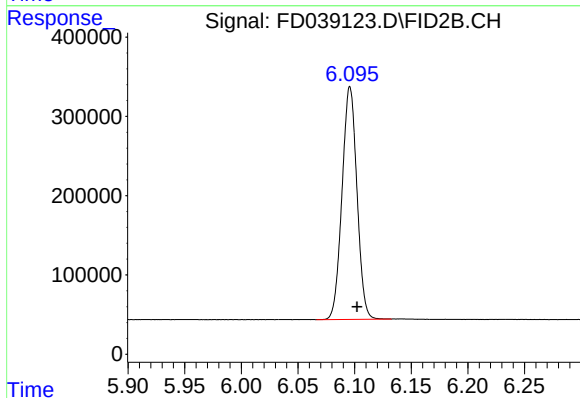
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Signal Info : 20M x 0.18mm x 0.18µm





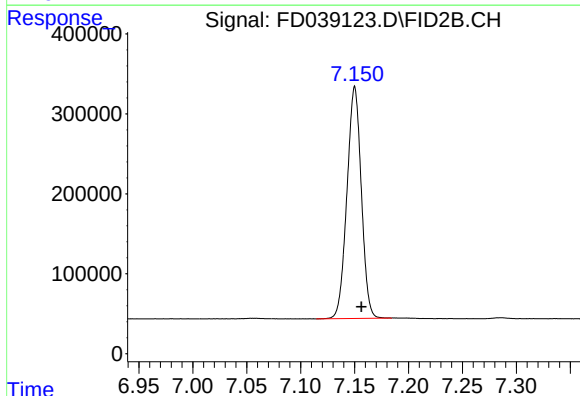
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.549 min
Delta R.T.: -0.005 min
Response: 2616821
Conc: 18.70 ug/ml



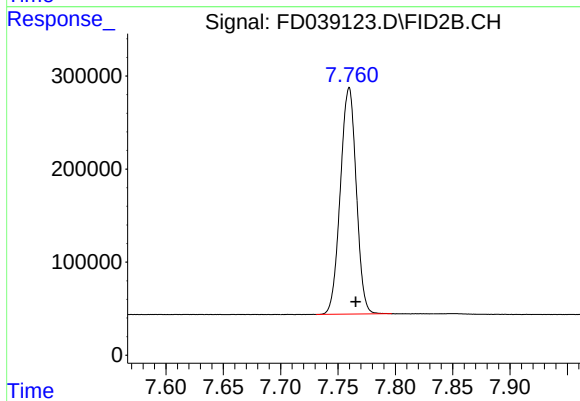
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.006 min
Response: 2688007
Conc: 18.22 ug/ml



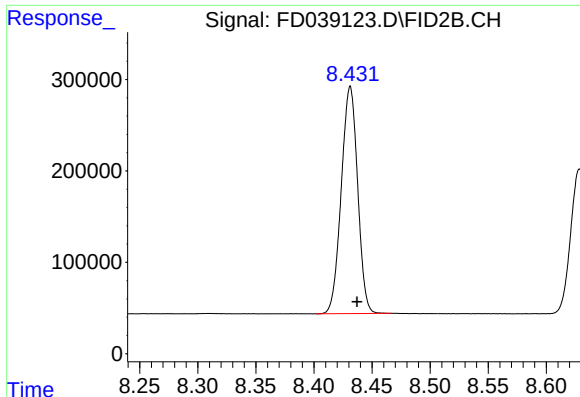
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.150 min
Delta R.T.: -0.006 min
Response: 2682152
Conc: 18.00 ug/ml



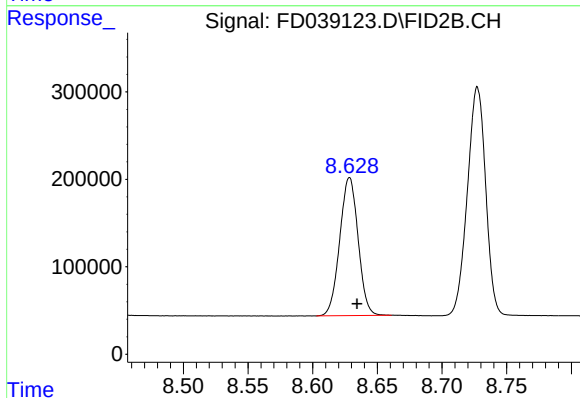
#4 2-Bromonaphthalene (SURR)

R.T.: 7.760 min
Delta R.T.: -0.005 min
Response: 2357913
Conc: 18.07 ug/ml



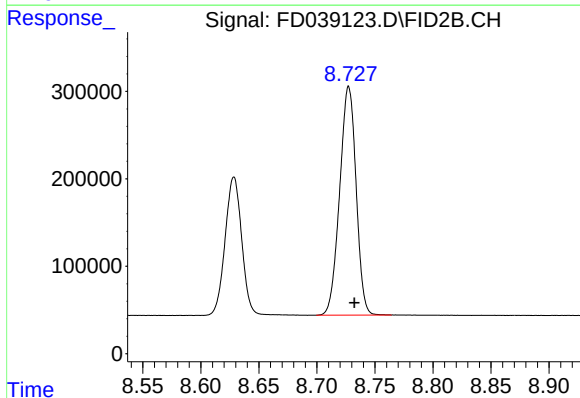
#5 Acenaphthylene (C15.06)

R.T.: 8.431 min
Delta R.T.: -0.006 min
Response: 2438806
Conc: 17.80 ug/ml



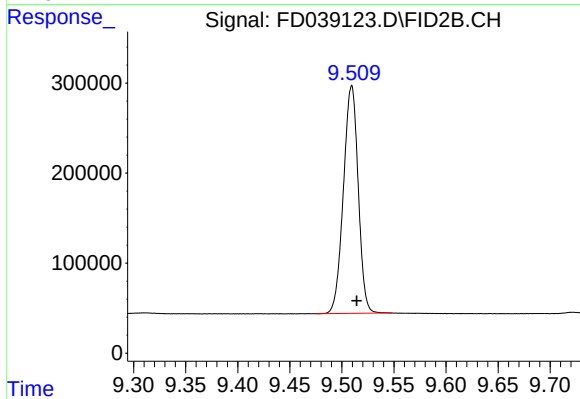
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.629 min
Delta R.T.: -0.006 min
Response: 1562468
Conc: 17.55 ug/ml



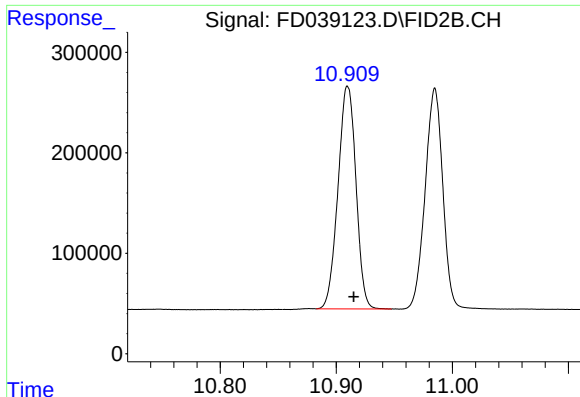
#7 Acenaphthene (C15.5)

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 2577585
Conc: 17.86 ug/ml



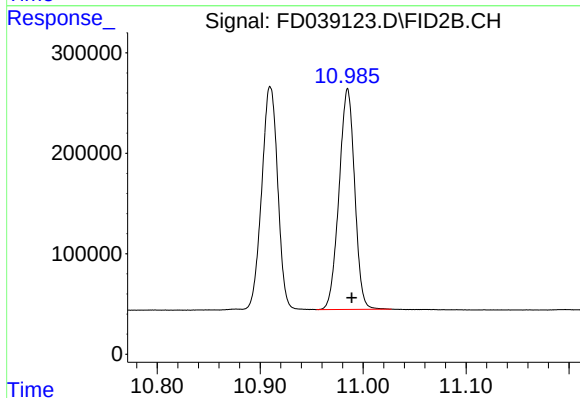
#8 Flouorene (C16.55)

R.T.: 9.510 min
Delta R.T.: -0.005 min
Response: 2501012
Conc: 17.62 ug/ml



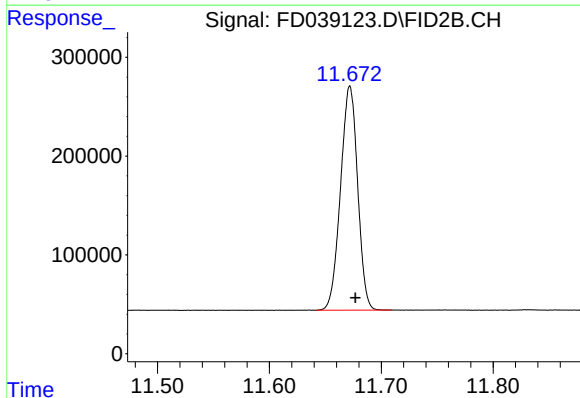
#9 Phenanthrene (C19.36)

R.T.: 10.910 min
Delta R.T.: -0.005 min
Response: 2386935
Conc: 17.21 ug/ml



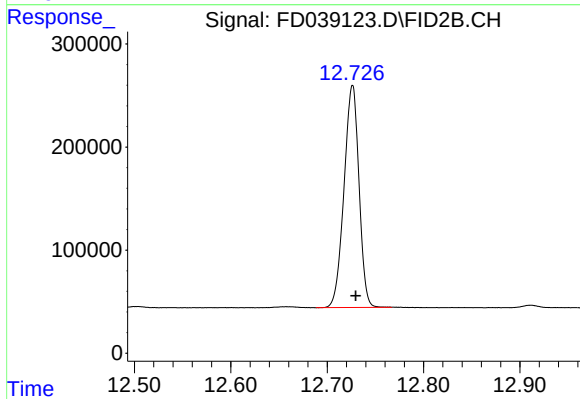
#10 Anthracene (C19.43)

R.T.: 10.985 min
Delta R.T.: -0.004 min
Response: 2318006
Conc: 16.95 ug/ml



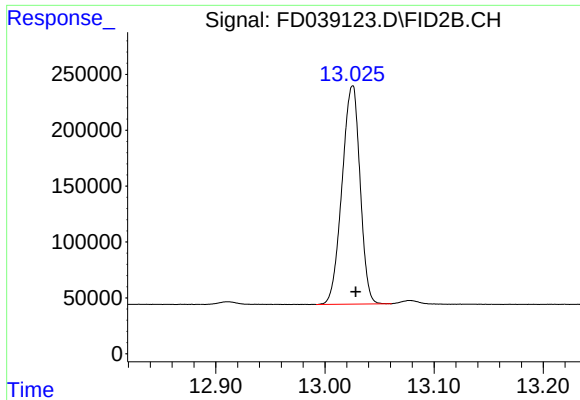
#11 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.005 min
Response: 2412913
Conc: 17.56 ug/ml



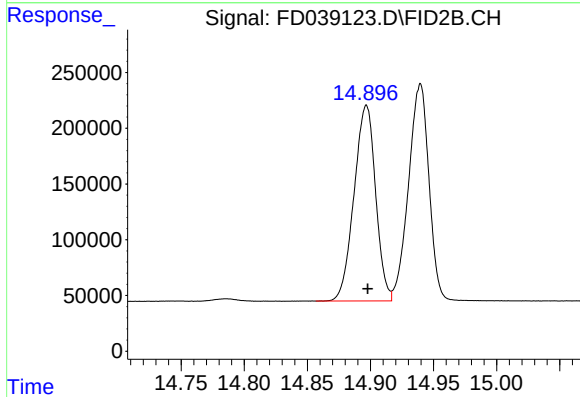
#12 Fluoranthene (C21.85)

R.T.: 12.726 min
Delta R.T.: -0.003 min
Response: 2316621
Conc: 16.85 ug/ml



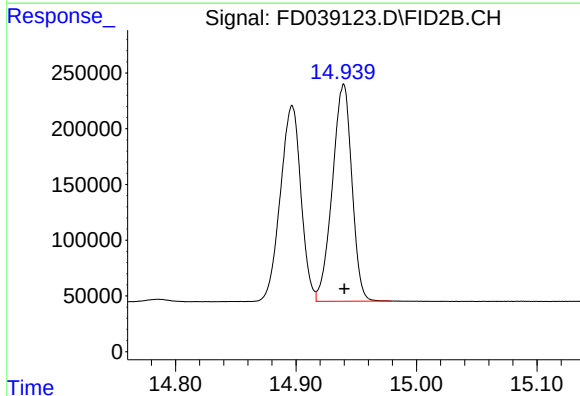
#13 Pyrene (C20.8)

R.T.: 13.025 min
Delta R.T.: -0.003 min
Response: 2242408
Conc: 16.73 ug/ml



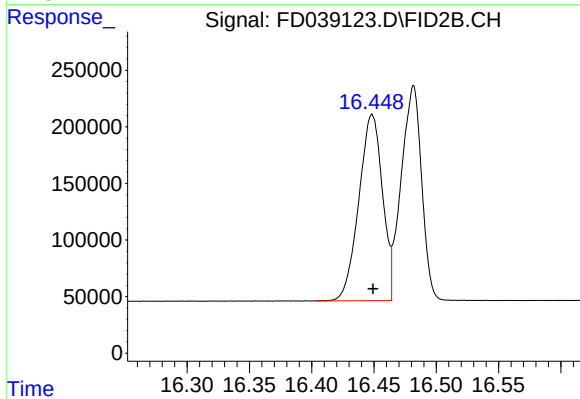
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.897 min
Delta R.T.: -0.001 min
Response: 2084873
Conc: 17.14 ug/ml



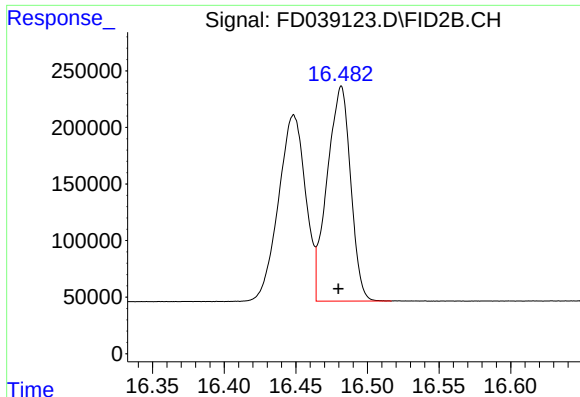
#15 Chrysene (C27.41)

R.T.: 14.940 min
Delta R.T.: 0.000 min
Response: 2190297
Conc: 17.24 ug/ml



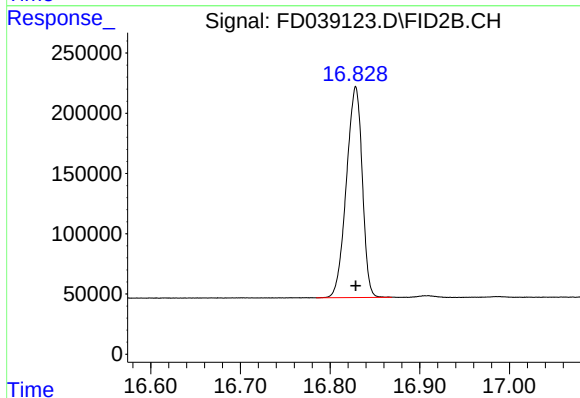
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 2169898
Conc: 18.33 ug/ml



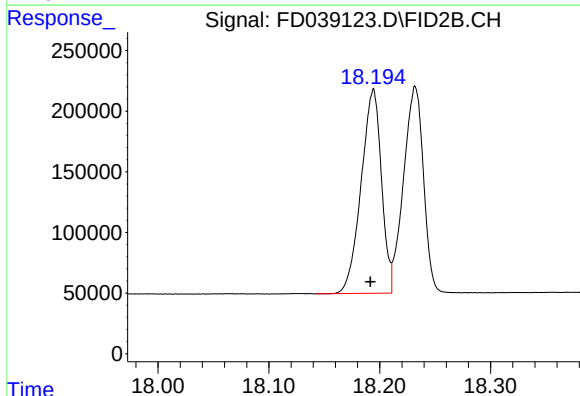
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.482 min
Delta R.T.: 0.002 min
Response: 2164691
Conc: 18.40 ug/ml



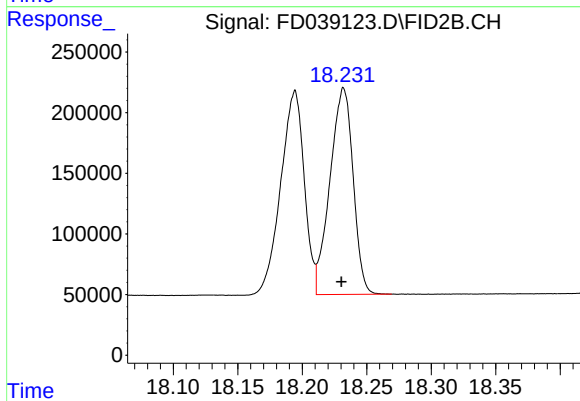
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.829 min
Delta R.T.: 0.000 min
Response: 2146122
Conc: 18.75 ug/ml



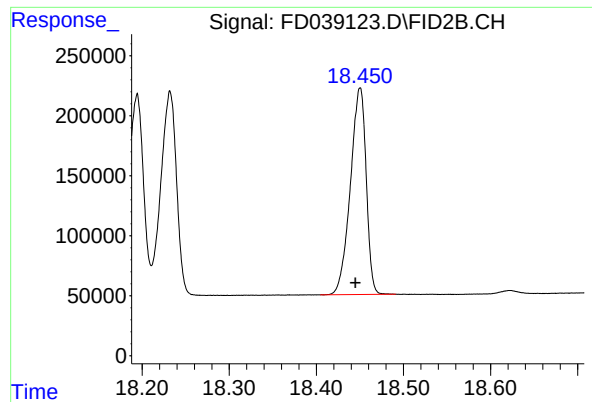
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.194 min
Delta R.T.: 0.003 min
Response: 2140014
Conc: 19.67 ug/ml



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

R.T.: 18.232 min
Delta R.T.: 0.002 min
Response: 2129294
Conc: 20.04 ug/ml



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

R.T.: 18.450 min
Delta R.T.: 0.005 min
Response: 2169088
Conc: 20.03 ug/ml