

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111521AR\
 Data File : FD039455.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2021 21:55
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 16 02:02:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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...	7.748	2289882	19.736 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
6) S 2-Fluorobiphenyl (SURR)	8.617	1487039	18.548 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.10%
11) S ortho-Terphenyl (SURR)	11.660	2440263	19.132 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.537	2576453	20.934 ug/ml
2) T Naphthalene (C11.7)	6.084	2595469	20.026 ug/ml
3) T 2-Methylnaphthalene (...)	7.138	2593322	19.527 ug/ml
5) T Acenaphthylene (C15.06)	8.419	2425270	19.650 ug/ml
7) T Acenaphthene (C15.5)	8.714	2561095	19.634 ug/ml
8) T Flouorene (C16.55)	9.498	2412198	18.629 ug/ml
9) T Phenanthrene (C19.36)	10.899	2322942	17.988 ug/ml
10) T Anthracene (C19.43)	10.973	2186837	17.094 ug/ml
12) T Fluoranthene (C21.85)	12.715	2255681	17.313 ug/ml
13) T Pyrene (C20.8)	13.013	2180260	17.240 ug/ml
14) T Benzo[a]anthracene (C...	14.887	2000805	16.916 ug/ml
15) T Chrysene (C27.41)	14.929	2141077	17.022 ug/ml
16) T benzo[b]fluoranthene ...	16.440	2084226	17.764 ug/ml
17) T Bnezo[k]fluoranthene ...	16.472	2136801	18.158 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.820	2036978	17.897 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.186	1973748	18.437 ug/ml
20) T Dibenz[a,h]anthracene...	18.222	2006051	18.815 ug/ml
21) T Benzo[g,h,i]perylene ...	18.441	2037730	19.309 ug/ml

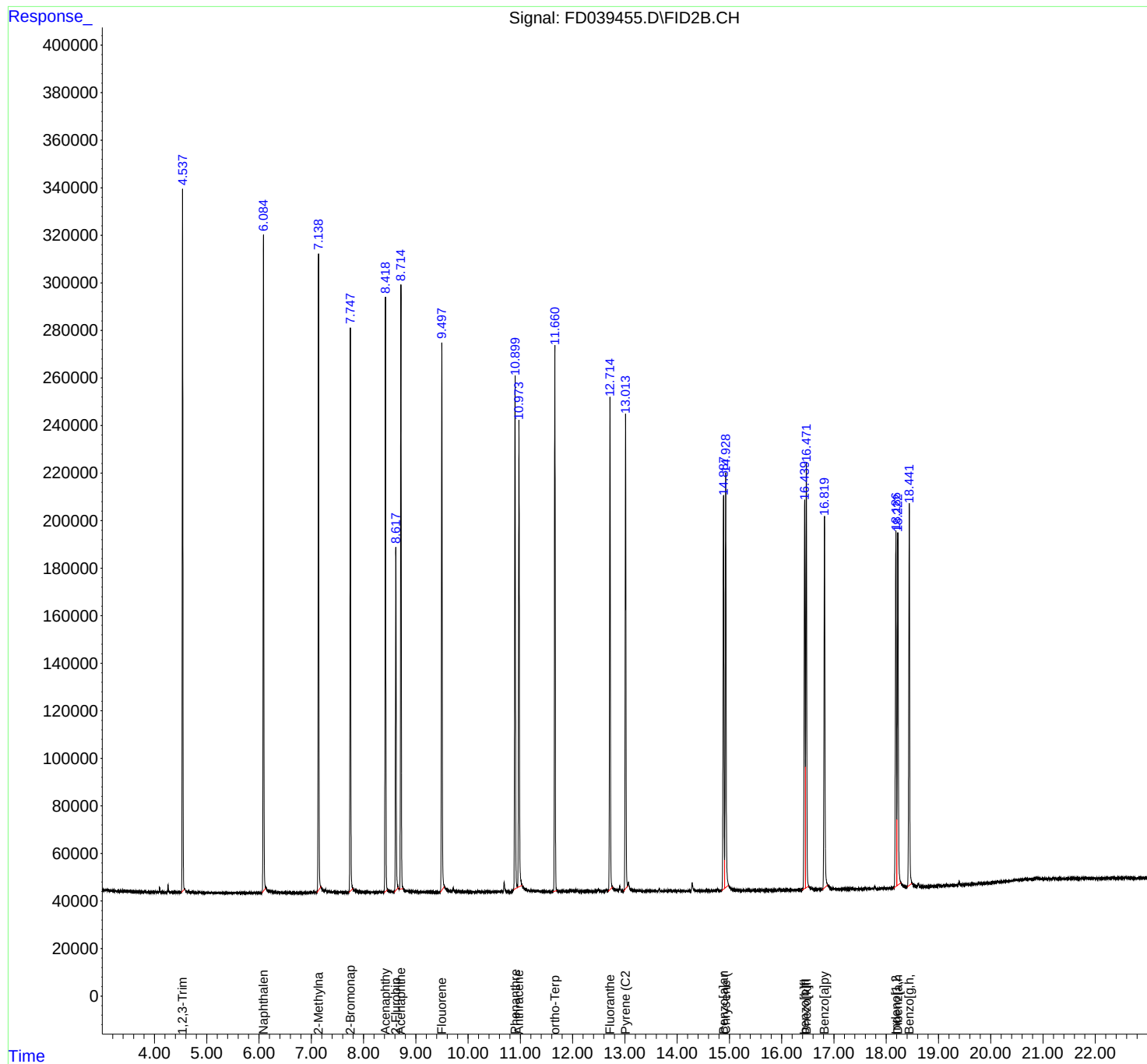
(f)=RT Delta > 1/2 Window

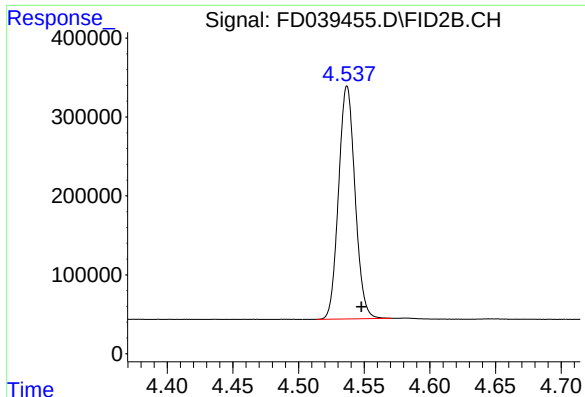
(m)=manual int.

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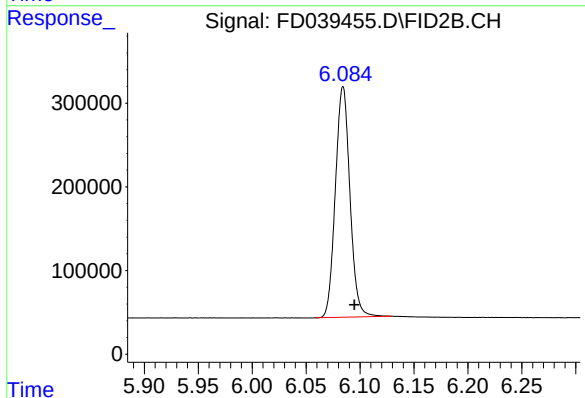
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Signal Info : 20M x 0.18mm x 0.18µm





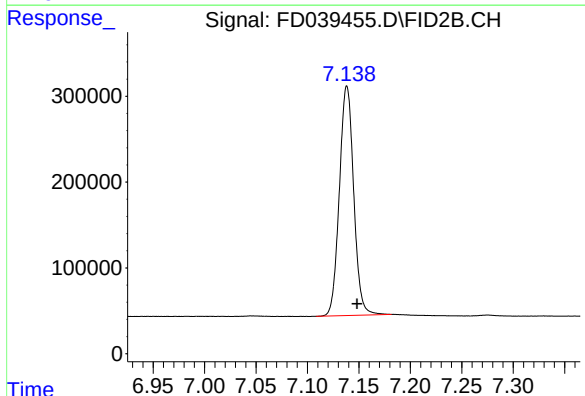
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.537 min
Delta R.T.: -0.011 min
Response: 2576453
Conc: 20.93 ug/ml



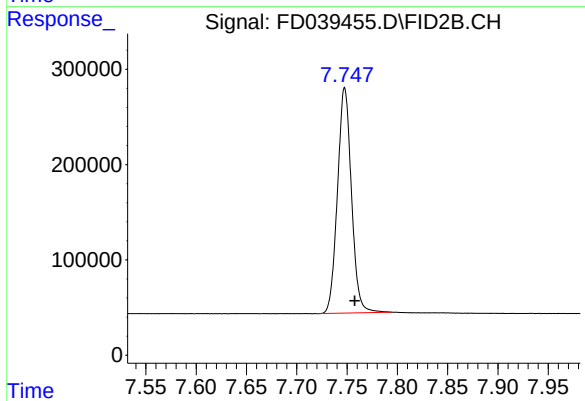
#2 Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.010 min
Response: 2595469
Conc: 20.03 ug/ml



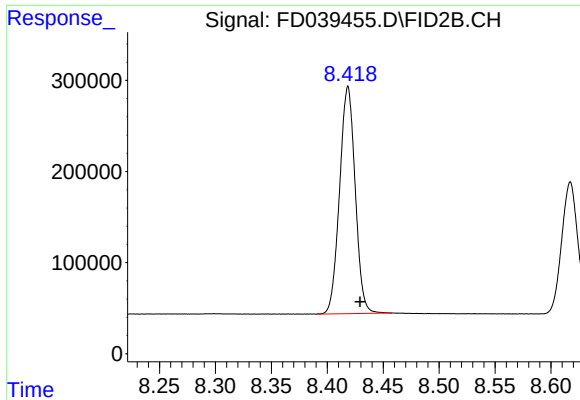
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 2593322
Conc: 19.53 ug/ml



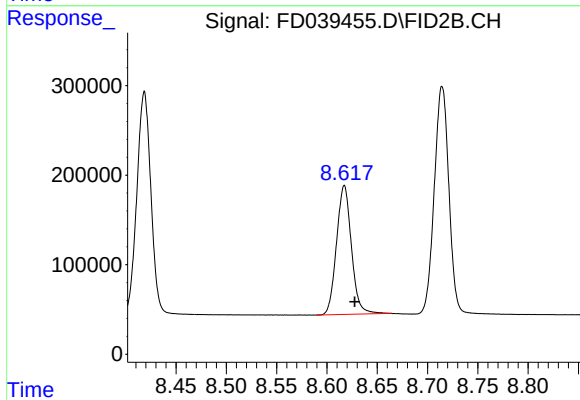
#4 2-Bromonaphthalene (SURR)

R.T.: 7.748 min
Delta R.T.: -0.010 min
Response: 2289882
Conc: 19.74 ug/ml



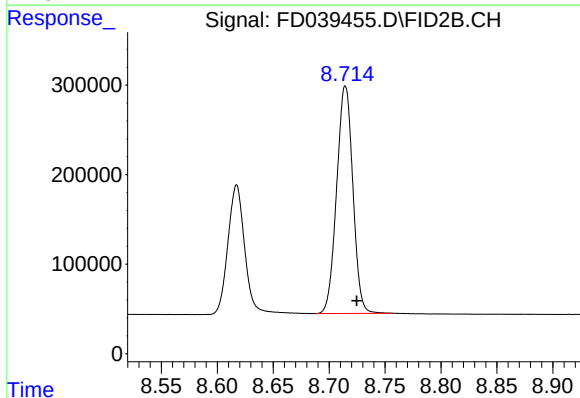
#5 Acenaphthylene (C15.06)

R.T.: 8.419 min
Delta R.T.: -0.011 min
Response: 2425270
Conc: 19.65 ug/ml



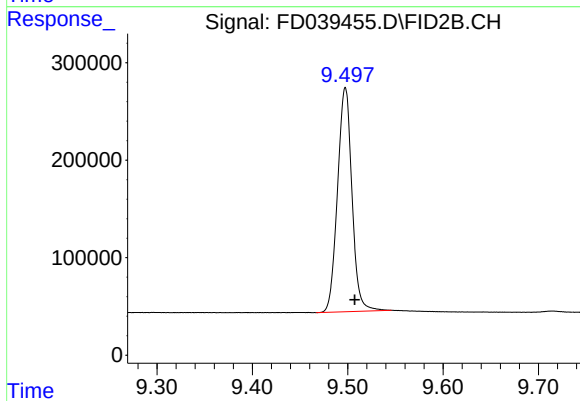
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min
Delta R.T.: -0.010 min
Response: 1487039
Conc: 18.55 ug/ml



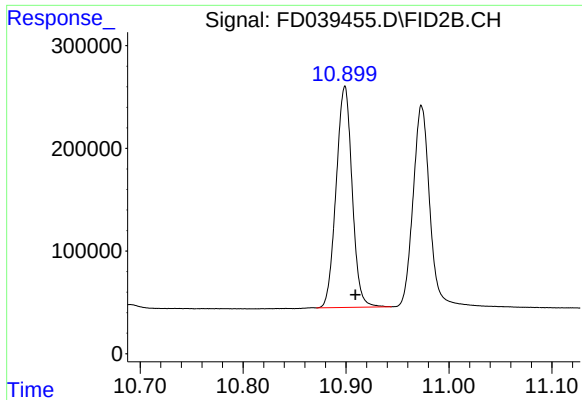
#7 Acenaphthene (C15.5)

R.T.: 8.714 min
Delta R.T.: -0.010 min
Response: 2561095
Conc: 19.63 ug/ml



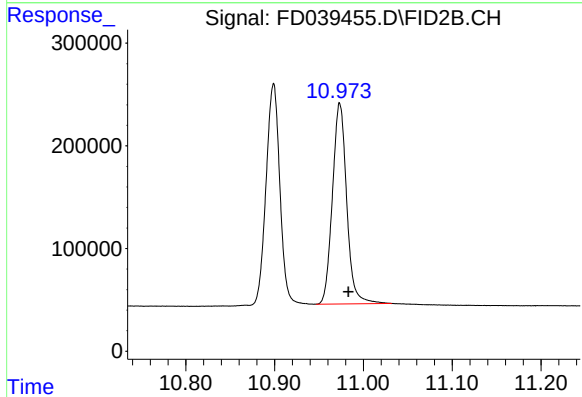
#8 Fluorene (C16.55)

R.T.: 9.498 min
Delta R.T.: -0.010 min
Response: 2412198
Conc: 18.63 ug/ml



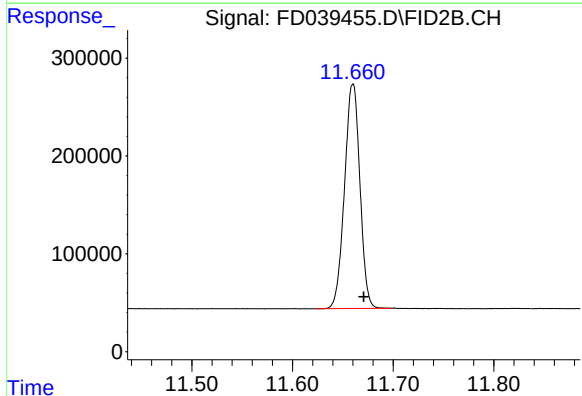
#9 Phenanthrene (C19.36)

R.T.: 10.899 min
Delta R.T.: -0.010 min
Response: 2322942
Conc: 17.99 ug/ml



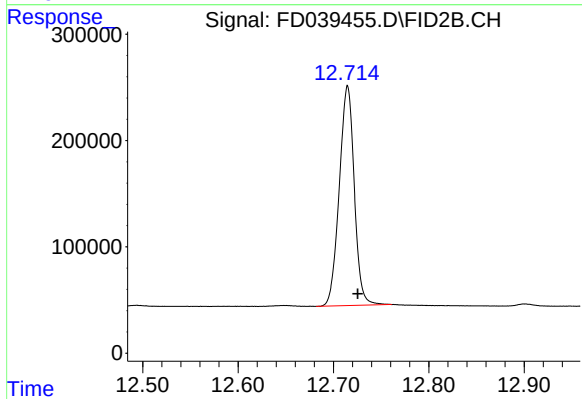
#10 Anthracene (C19.43)

R.T.: 10.973 min
Delta R.T.: -0.010 min
Response: 2186837
Conc: 17.09 ug/ml



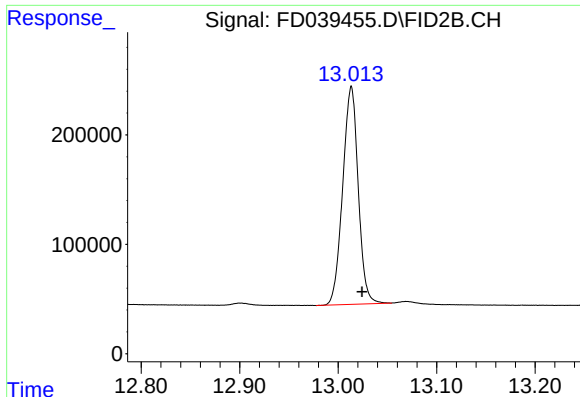
#11 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: -0.011 min
Response: 2440263
Conc: 19.13 ug/ml



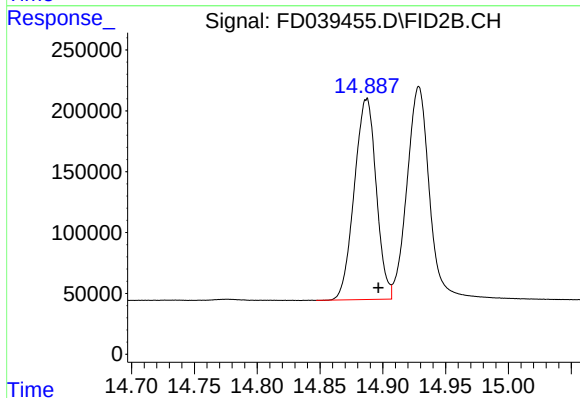
#12 Fluoranthene (C21.85)

R.T.: 12.715 min
Delta R.T.: -0.011 min
Response: 2255681
Conc: 17.31 ug/ml



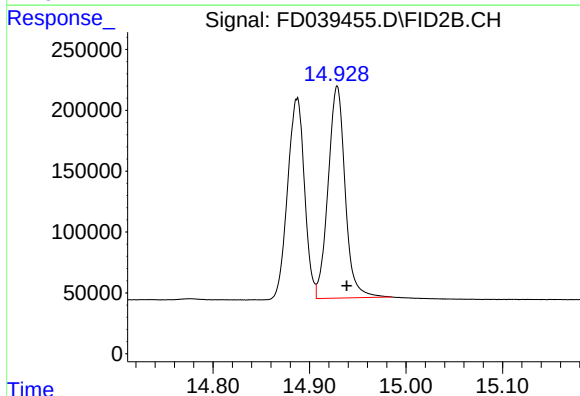
#13 Pyrene (C20.8)

R.T.: 13.013 min
Delta R.T.: -0.011 min
Response: 2180260
Conc: 17.24 ug/ml



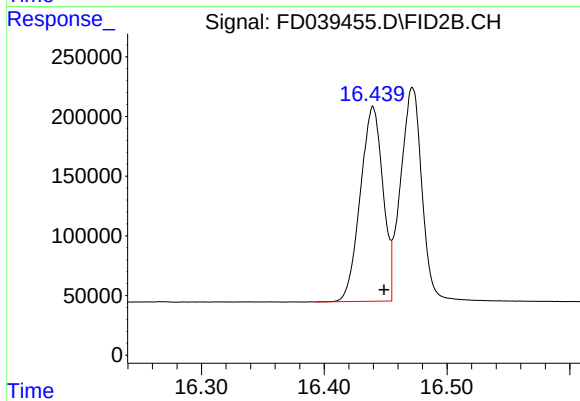
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.887 min
Delta R.T.: -0.009 min
Response: 2000805
Conc: 16.92 ug/ml



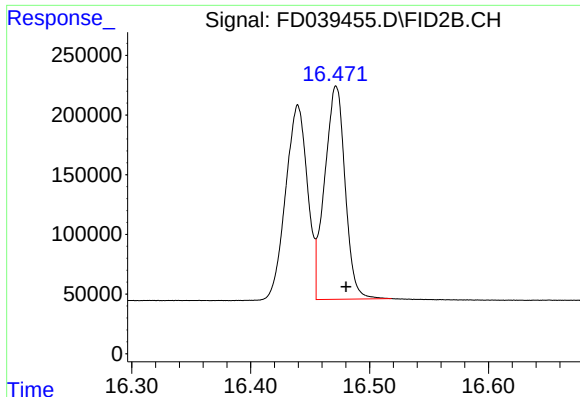
#15 Chrysene (C27.41)

R.T.: 14.929 min
Delta R.T.: -0.010 min
Response: 2141077
Conc: 17.02 ug/ml



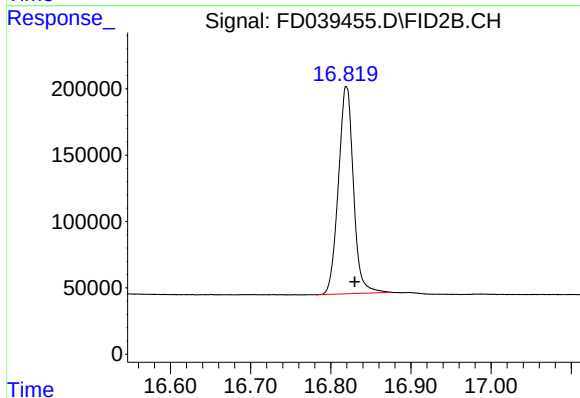
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.440 min
Delta R.T.: -0.009 min
Response: 2084226
Conc: 17.76 ug/ml



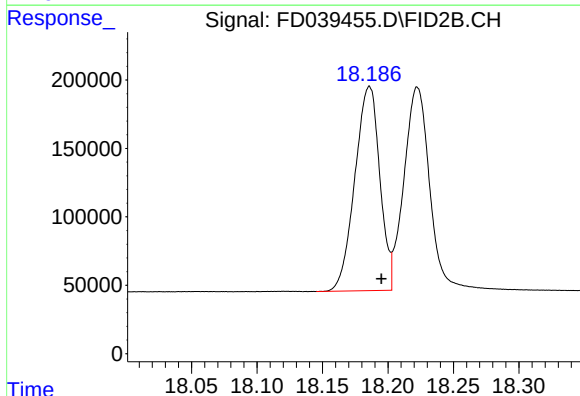
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.472 min
Delta R.T.: -0.008 min
Response: 2136801
Conc: 18.16 ug/ml



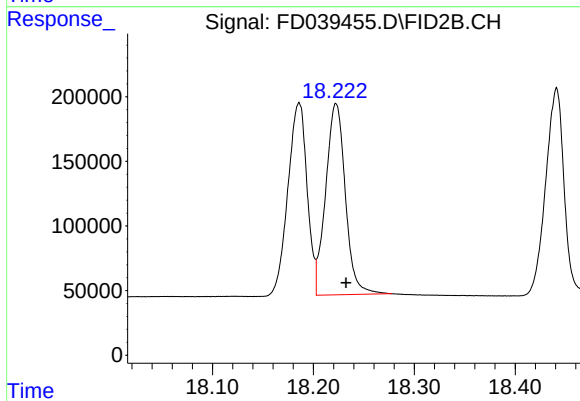
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.820 min
Delta R.T.: -0.010 min
Response: 2036978
Conc: 17.90 ug/ml



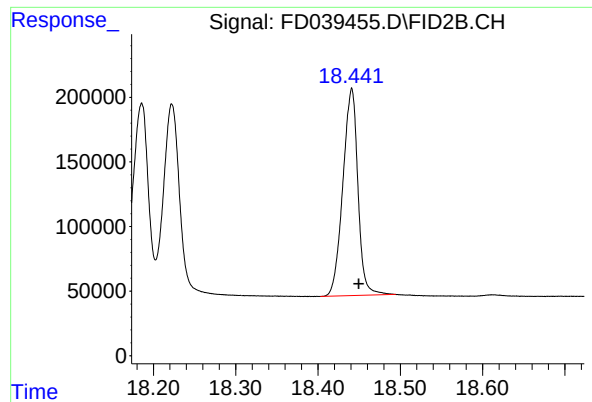
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.186 min
Delta R.T.: -0.009 min
Response: 1973748
Conc: 18.44 ug/ml



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

R.T.: 18.222 min
Delta R.T.: -0.010 min
Response: 2006051
Conc: 18.82 ug/ml



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

R.T.: 18.441 min
Delta R.T.: -0.009 min
Response: 2037730
Conc: 19.31 ug/ml