

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072020AR\
 Data File : FD034032.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jul 2020 9:59
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 21 01:37:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 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...	7.709	2237713	18.631 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
6) S 2-Fluorobiphenyl (SURR)	8.574	1545635	18.236 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.47%
11) S ortho-Terphenyl (SURR)	11.616	2426272	17.933 ug/ml
Spiked Amount 50.000		Recovery =	35.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2518139	19.066 ug/ml
2) T Naphthalene (C11.7)	6.046	2603735	18.798 ug/ml
3) T 2-Methylnaphthalene (...)	7.099	2594029	18.626 ug/ml
5) T Acenaphthylene (C15.06)	8.378	2439650	18.147 ug/ml
7) T Acenaphthene (C15.5)	8.673	2505239	18.303 ug/ml
8) T Fluorene (C16.55)	9.453	2433338	18.098 ug/ml
9) T Phenanthrene (C19.36)	10.851	2392285	17.901 ug/ml
10) T Anthracene (C19.43)	10.925	2209127	16.648 ug/ml
12) T Fluoranthene (C21.85)	12.663	2301730	17.325 ug/ml
13) T Pyrene (C20.8)	12.960	2211484	17.059 ug/ml
14) T Benzo[a]anthracene (C...	14.829	2044688	16.425 ug/ml
15) T Chrysene (C27.41)	14.872	2053999	16.540 ug/ml
16) T benzo[b]fluoranthene ...	16.377	1972951	16.583 ug/ml
17) T Bnezo[k]fluoranthene ...	16.410	1918558	16.557 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.756	1935732	16.634 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	1932939	17.360 ug/ml
20) T Dibenz[a,h]anthracene...	18.156	1935560	17.518 ug/ml
21) T Benzo[g,h,i]perylene ...	18.372	1957123	17.723 ug/ml

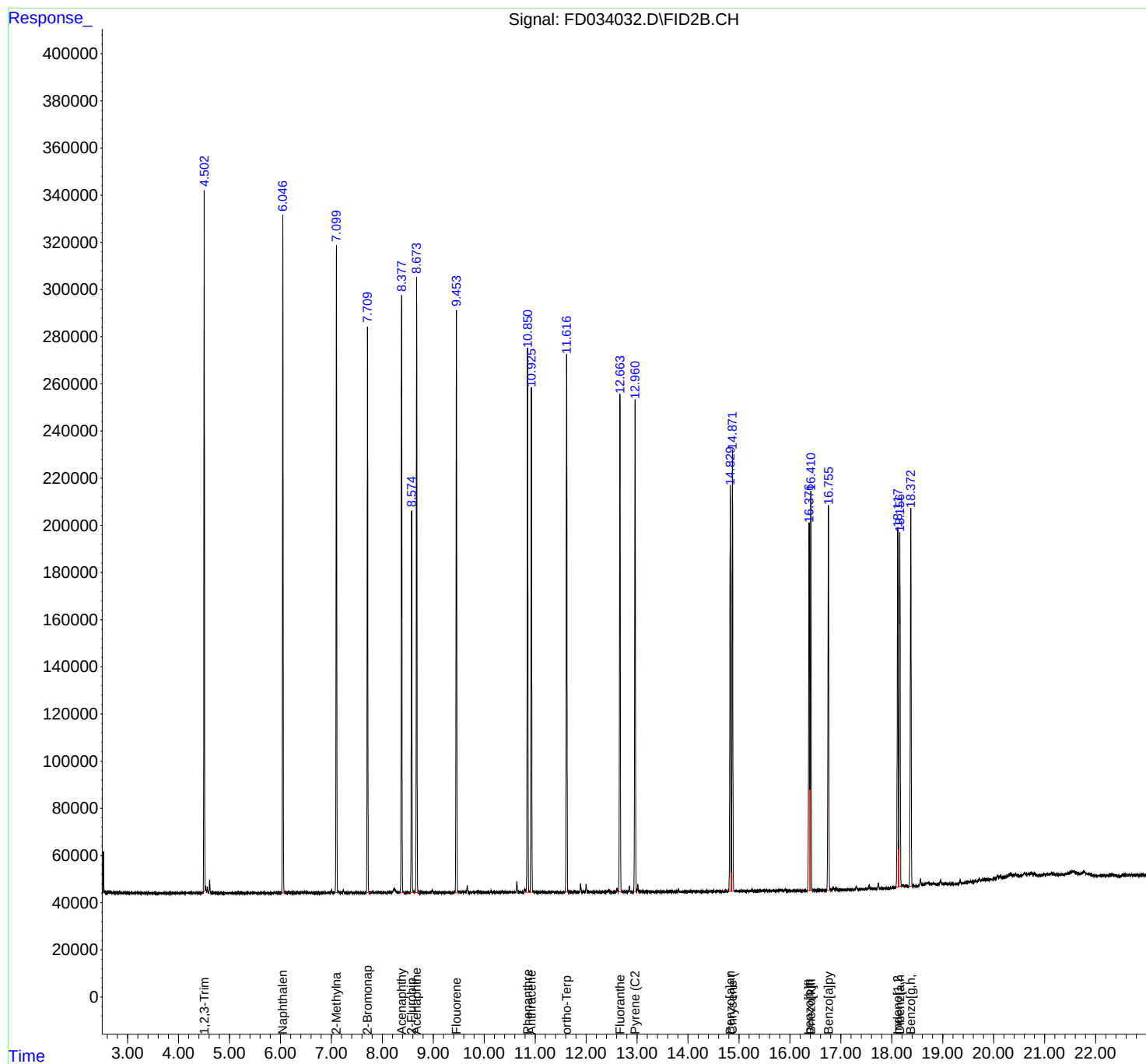
(f)=RT Delta > 1/2 Window

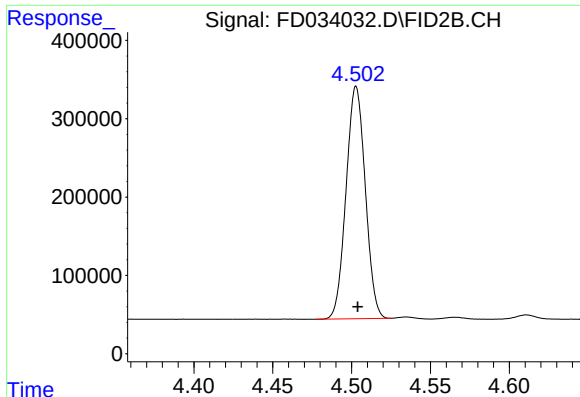
(m)=manual int.

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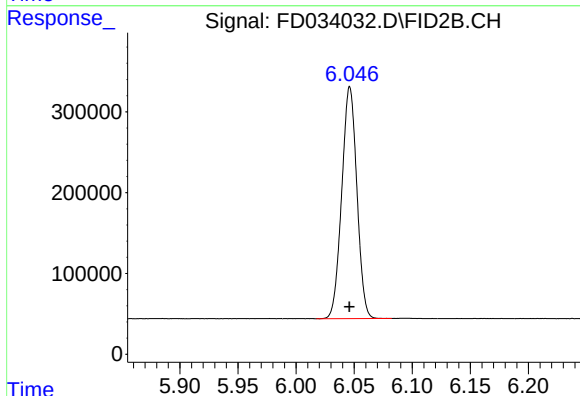
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





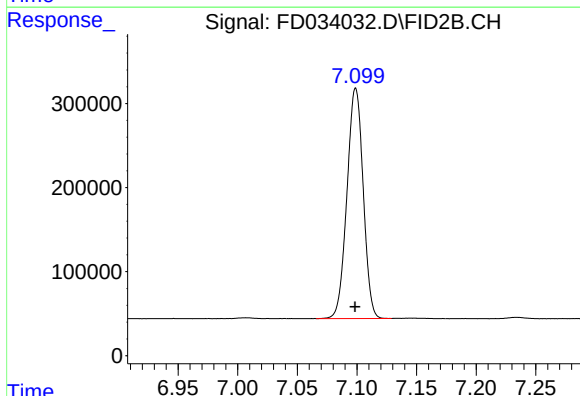
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 2518139
Conc: 19.07 ug/ml



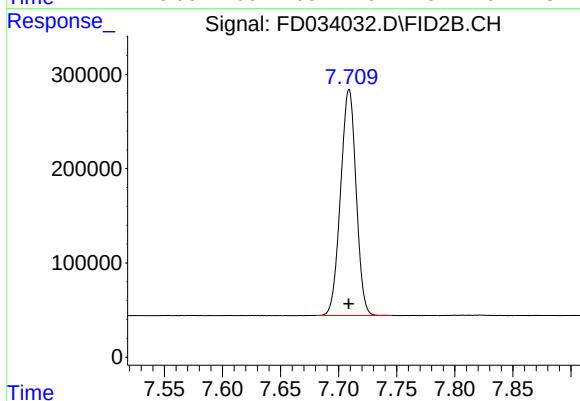
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 2603735
Conc: 18.80 ug/ml



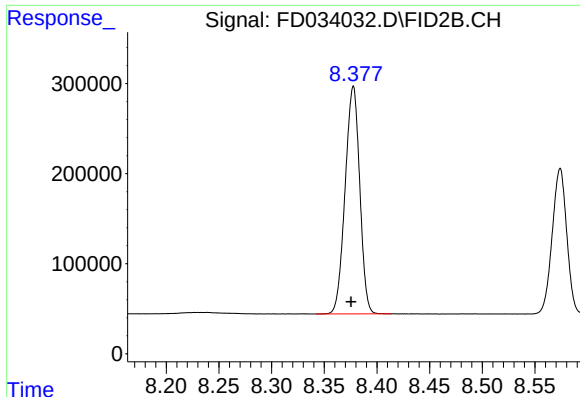
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 2594029
Conc: 18.63 ug/ml



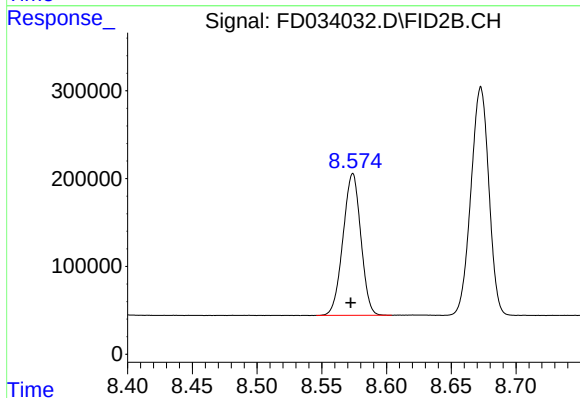
#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 2237713
Conc: 18.63 ug/ml



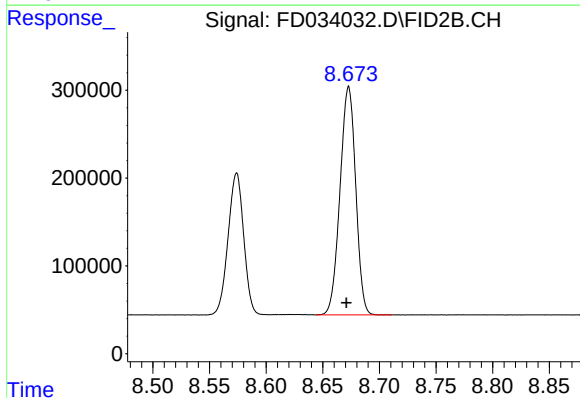
#5 Acenaphthylene (C15.06)

R.T.: 8.378 min
Delta R.T.: 0.002 min
Response: 2439650
Conc: 18.15 ug/ml



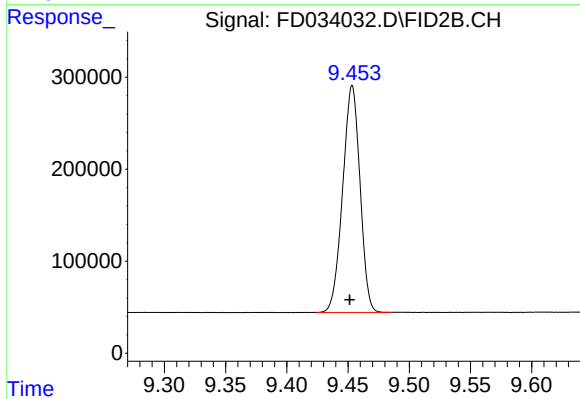
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.574 min
Delta R.T.: 0.002 min
Response: 1545635
Conc: 18.24 ug/ml



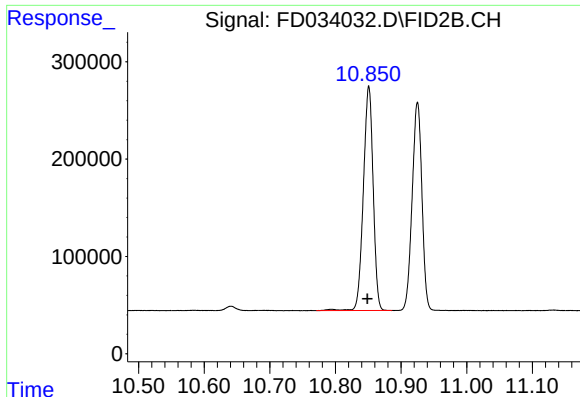
#7 Acenaphthene (C15.5)

R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 2505239
Conc: 18.30 ug/ml



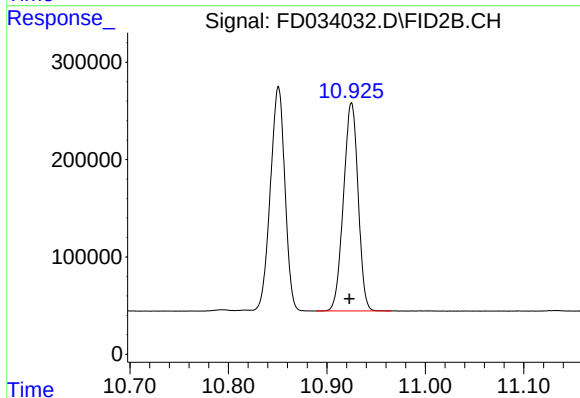
#8 Flouorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.002 min
Response: 2433338
Conc: 18.10 ug/ml



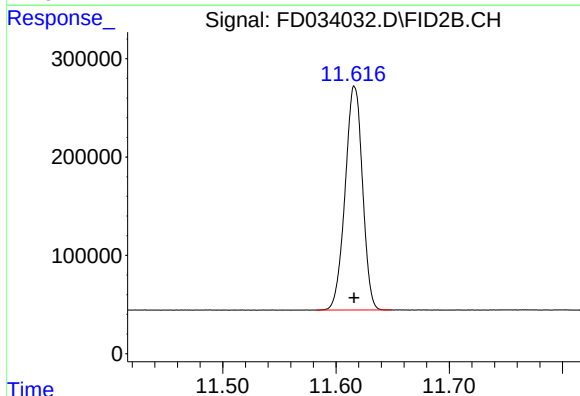
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.002 min
Response: 2392285
Conc: 17.90 ug/ml



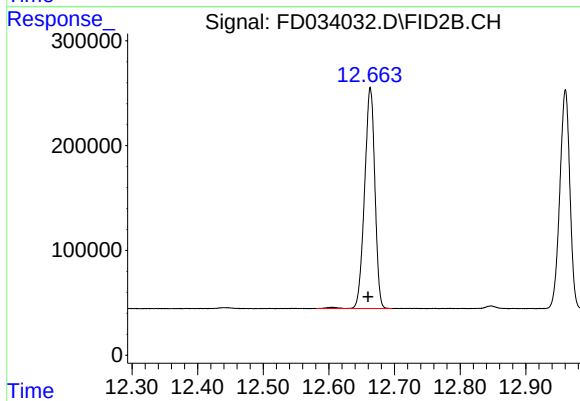
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: 0.002 min
Response: 2209127
Conc: 16.65 ug/ml



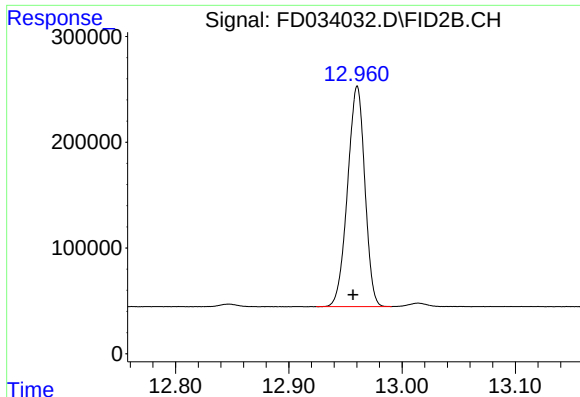
#11 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 2426272
Conc: 17.93 ug/ml



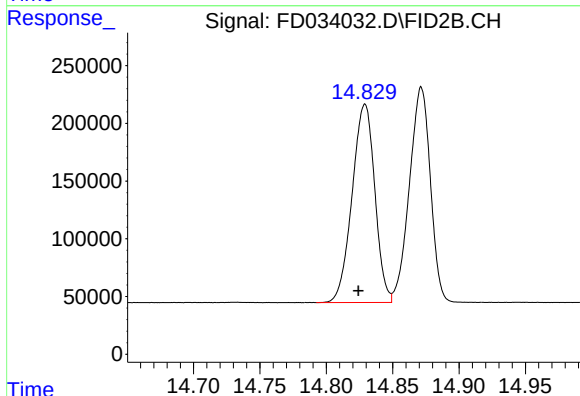
#12 Fluoranthene (C21.85)

R.T.: 12.663 min
Delta R.T.: 0.004 min
Response: 2301730
Conc: 17.32 ug/ml



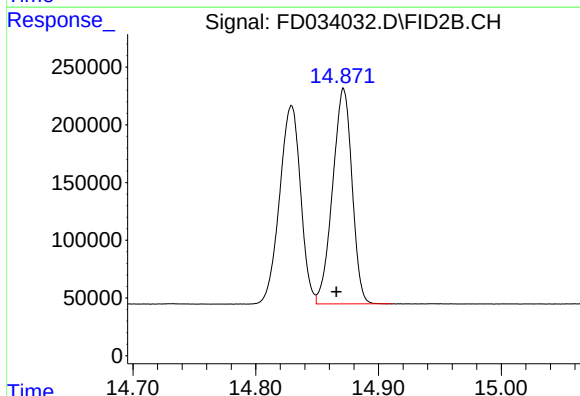
#13 Pyrene (C20.8)

R.T.: 12.960 min
Delta R.T.: 0.004 min
Response: 2211484
Conc: 17.06 ug/ml



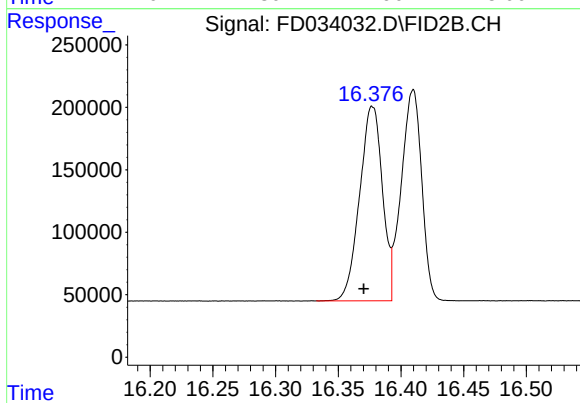
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min
Delta R.T.: 0.005 min
Response: 2044688
Conc: 16.42 ug/ml



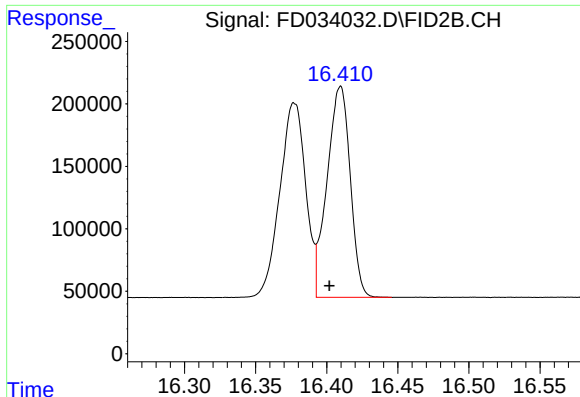
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.006 min
Response: 2053999
Conc: 16.54 ug/ml



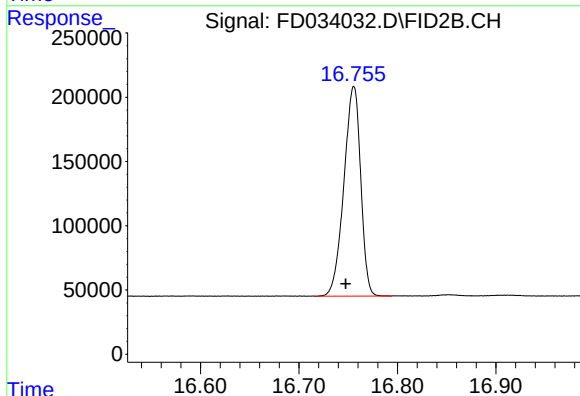
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.377 min
Delta R.T.: 0.007 min
Response: 1972951
Conc: 16.58 ug/ml



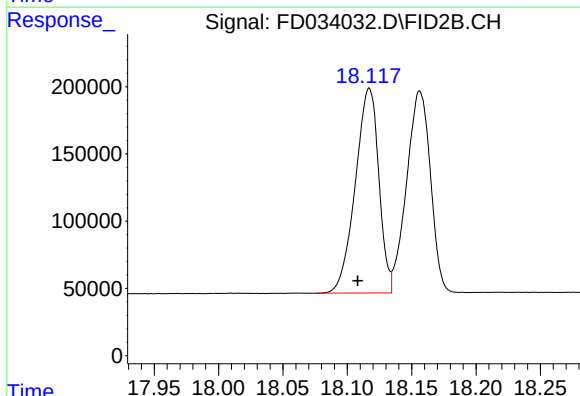
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.410 min
Delta R.T.: 0.008 min
Response: 1918558
Conc: 16.56 ug/ml



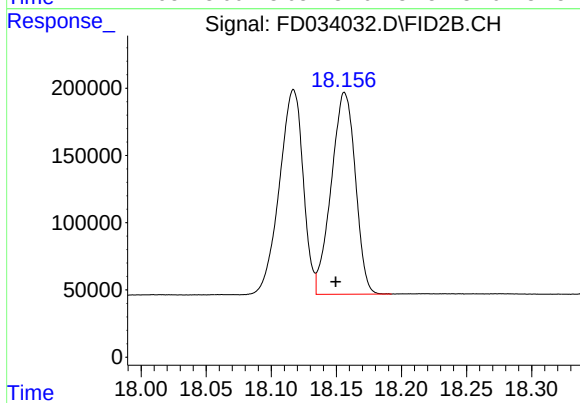
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.756 min
Delta R.T.: 0.008 min
Response: 1935732
Conc: 16.63 ug/ml



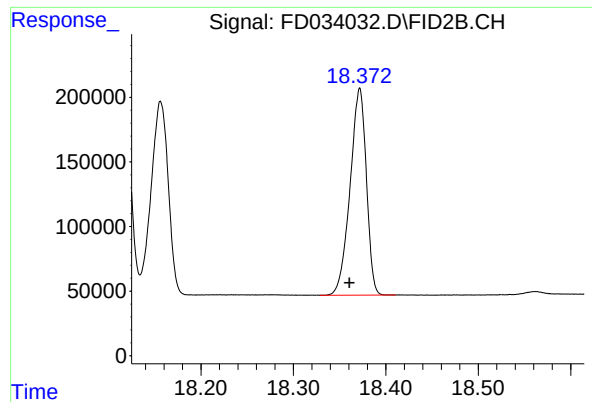
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: 0.009 min
Response: 1932939
Conc: 17.36 ug/ml



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

R.T.: 18.156 min
Delta R.T.: 0.007 min
Response: 1935560
Conc: 17.52 ug/ml



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

R.T.: 18.372 min
Delta R.T.: 0.011 min
Response: 1957123
Conc: 17.72 ug/ml