

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012120AR\
 Data File : FD032072.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2020 19:04
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 03:31:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.637	2088675	18.580 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
6) S 2-Fluorobiphenyl (SURR)	8.499	1417355	18.184 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.37%
11) S ortho-Terphenyl (SURR)	11.536	2199125	17.718 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.440	2219360	19.596 ug/ml
2) T Naphthalene (C11.7)	5.978	2326406	19.126 ug/ml
3) T 2-Methylnaphthalene (...)	7.029	2293467	18.726 ug/ml
5) T Acenaphthylene (C15.06)	8.303	2158726	18.035 ug/ml
7) T Acenaphthene (C15.5)	8.598	2266375	18.327 ug/ml
8) T Fluorene (C16.55)	9.377	2244527	17.971 ug/ml
9) T Phenanthrene (C19.36)	10.773	2218161	17.570 ug/ml
10) T Anthracene (C19.43)	10.847	1983070	15.840 ug/ml
12) T Fluoranthene (C21.85)	12.582	2207927	17.251 ug/ml
13) T Pyrene (C20.8)	12.879	2176596	17.294 ug/ml
14) T Benzo[a]anthracene (C...	14.748	2078770	17.023 ug/ml
15) T Chrysene (C27.41)	14.790	2105264	17.107 ug/ml
16) T benzo[b]fluoranthene ...	16.296	2115685	17.521 ug/ml
17) T Bnezo[k]fluoranthene ...	16.296	2115685	17.487 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	2083880	17.443 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	2077977	18.087 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	2116254	18.097 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2066607	18.137 ug/ml

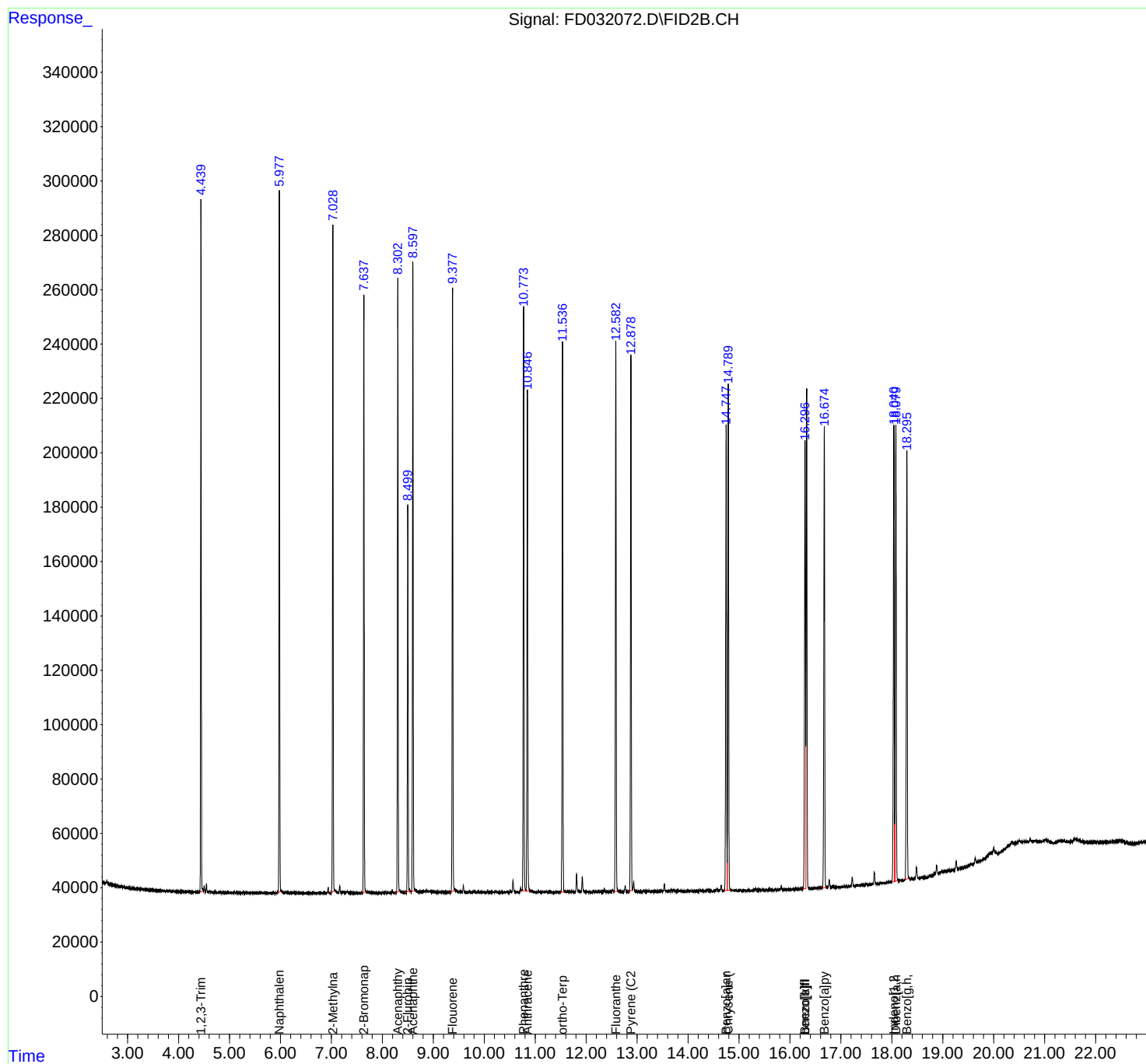
(f)=RT Delta > 1/2 Window

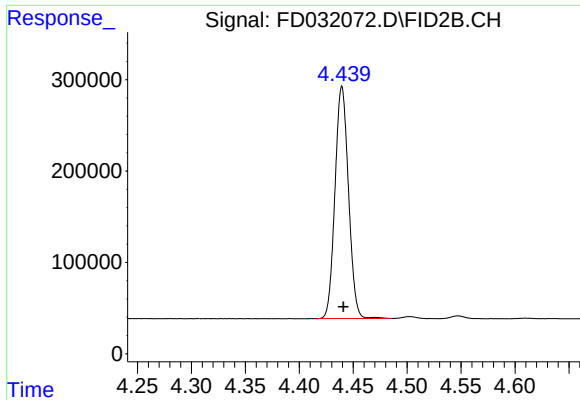
(m)=manual int.

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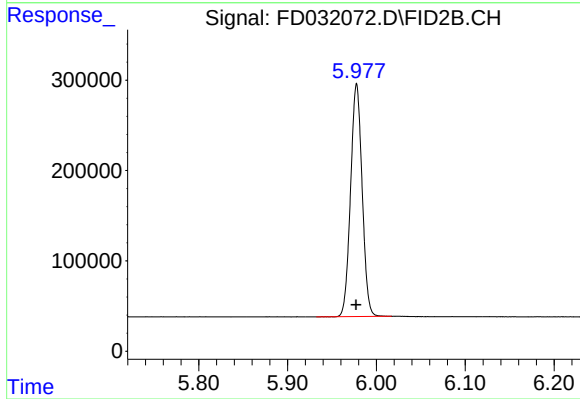
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Signal Info : 20M x 0.18mm x 0.18µm





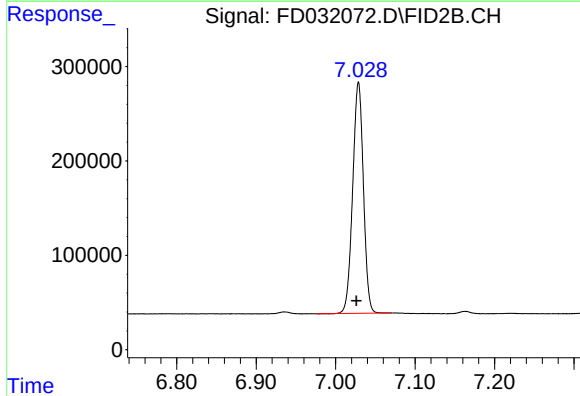
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.440 min
Delta R.T.: -0.001 min
Response: 2219360
Conc: 19.60 ug/ml



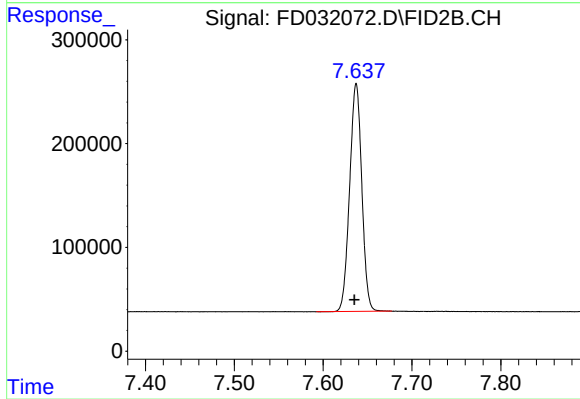
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 2326406
Conc: 19.13 ug/ml



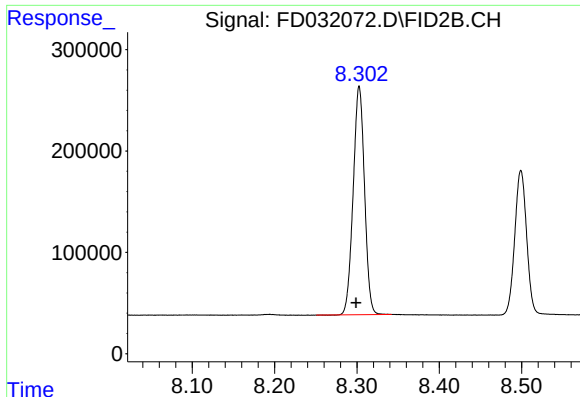
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.029 min
Delta R.T.: 0.003 min
Response: 2293467
Conc: 18.73 ug/ml



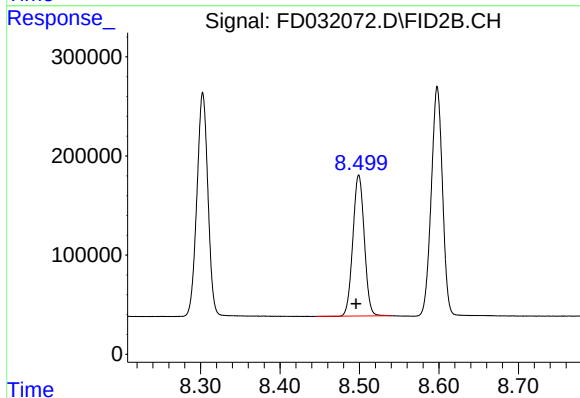
#4 2-Bromonaphthalene (SURR)

R.T.: 7.637 min
Delta R.T.: 0.002 min
Response: 2088675
Conc: 18.58 ug/ml



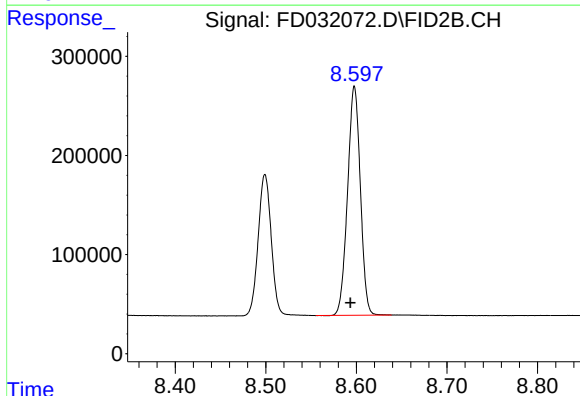
#5 Acenaphthylene (C15.06)

R.T.: 8.303 min
Delta R.T.: 0.004 min
Response: 2158726
Conc: 18.04 ug/ml



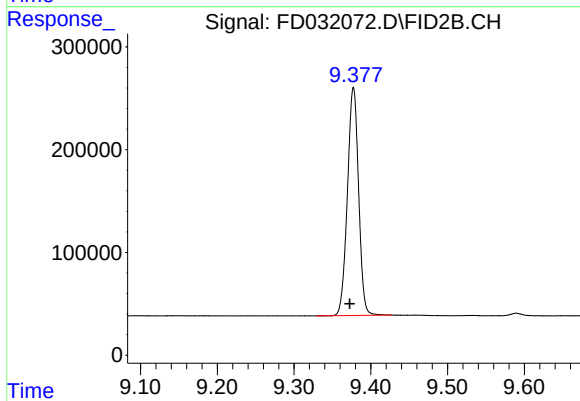
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.499 min
Delta R.T.: 0.004 min
Response: 1417355
Conc: 18.18 ug/ml



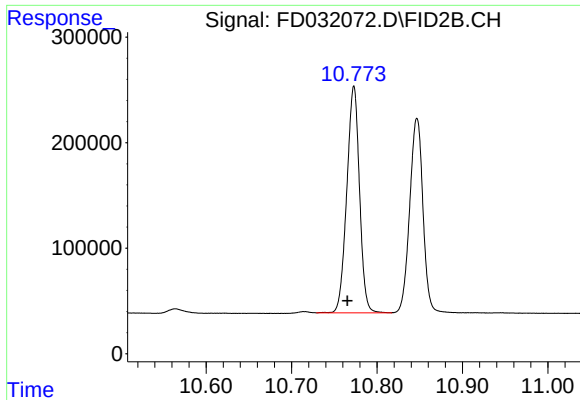
#7 Acenaphthene (C15.5)

R.T.: 8.598 min
Delta R.T.: 0.005 min
Response: 2266375
Conc: 18.33 ug/ml



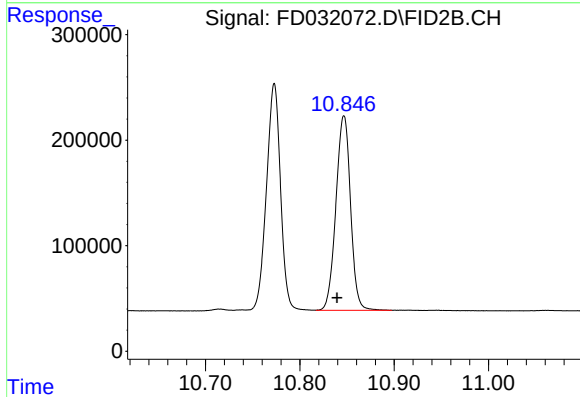
#8 Fluorene (C16.55)

R.T.: 9.377 min
Delta R.T.: 0.005 min
Response: 2244527
Conc: 17.97 ug/ml



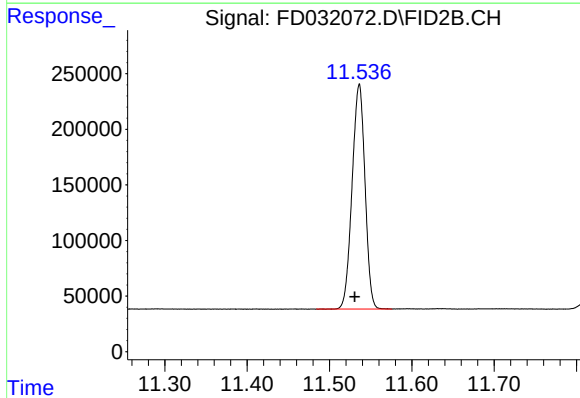
#9 Phenanthrene (C19.36)

R.T.: 10.773 min
Delta R.T.: 0.008 min
Response: 2218161
Conc: 17.57 ug/ml



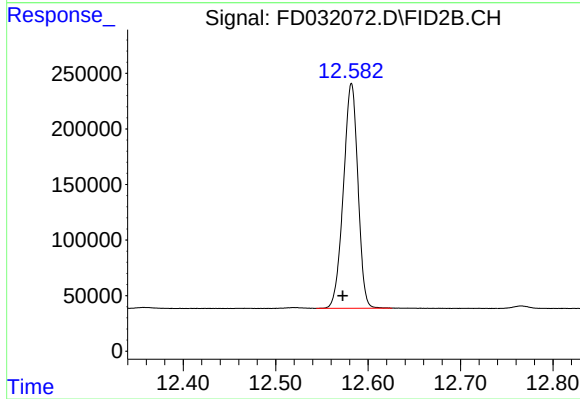
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: 0.007 min
Response: 1983070
Conc: 15.84 ug/ml



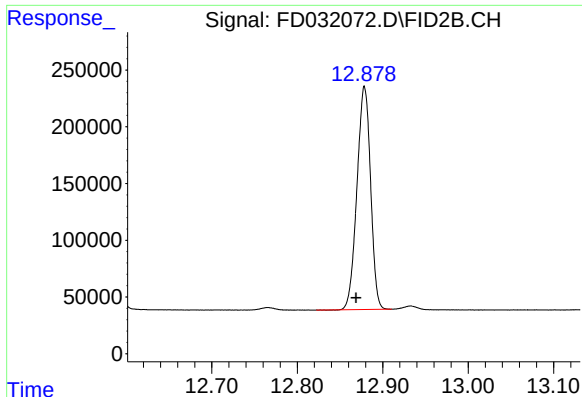
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: 0.006 min
Response: 2199125
Conc: 17.72 ug/ml



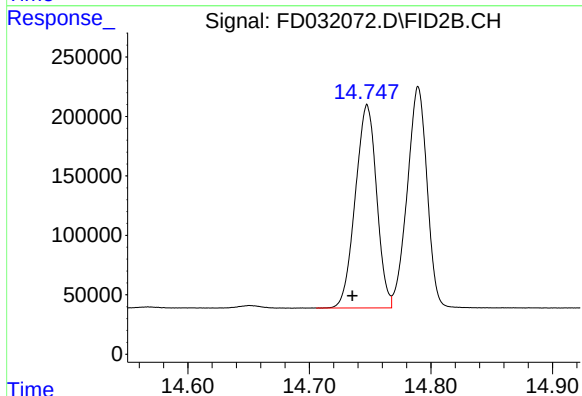
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: 0.010 min
Response: 2207927
Conc: 17.25 ug/ml



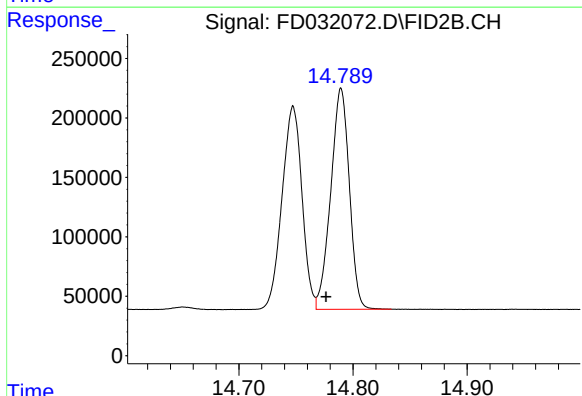
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: 0.010 min
Response: 2176596
Conc: 17.29 ug/ml



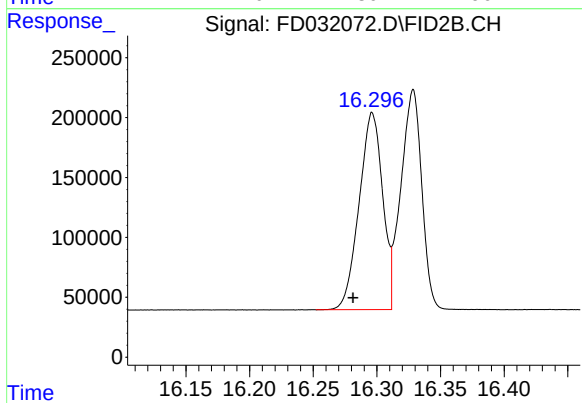
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: 0.012 min
Response: 2078770
Conc: 17.02 ug/ml



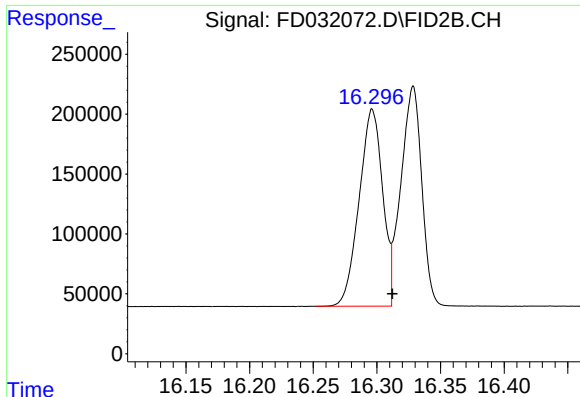
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.013 min
Response: 2105264
Conc: 17.11 ug/ml



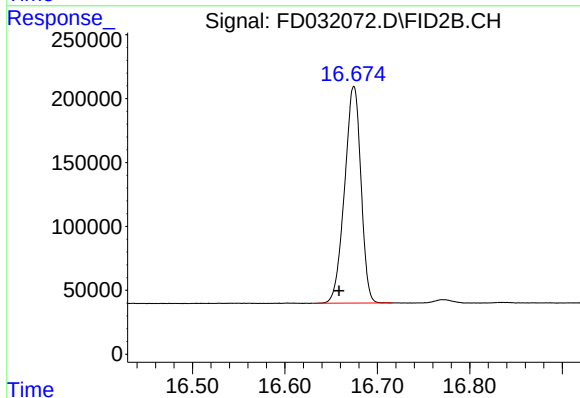
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.296 min
Delta R.T.: 0.015 min
Response: 2115685
Conc: 17.52 ug/ml



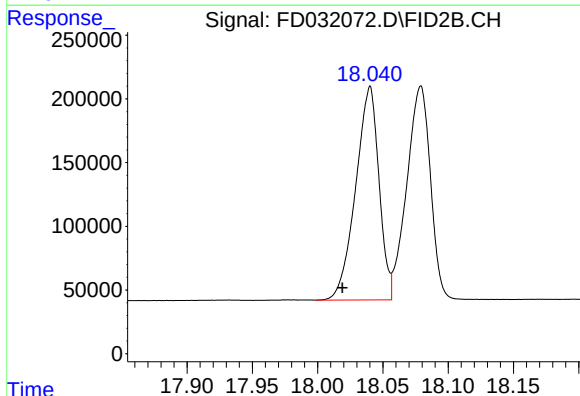
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.296 min
Delta R.T.: -0.016 min
Response: 2115685
Conc: 17.49 ug/ml



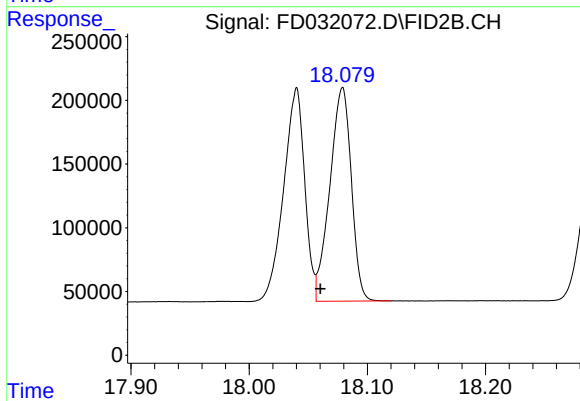
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: 0.016 min
Response: 2083880
Conc: 17.44 ug/ml



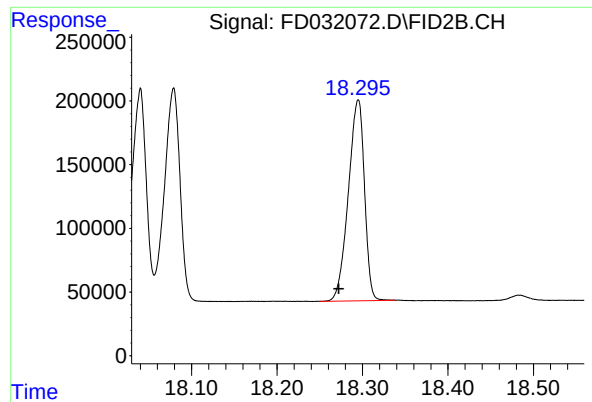
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.021 min
Response: 2077977
Conc: 18.09 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.019 min
Response: 2116254
Conc: 18.10 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.023 min
Response: 2066607
Conc: 18.14 ug/ml