

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012120AR\
 Data File : FD032063.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2020 11:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 03:29:59 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...	7.638	2094706	18.634 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
6) S 2-Fluorobiphenyl (SURR)	8.501	1417709	18.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.38%
11) S ortho-Terphenyl (SURR)	11.537	2169682	17.481 ug/ml
Spiked Amount 50.000		Recovery =	34.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.440	2249851	19.865 ug/ml
2) T Naphthalene (C11.7)	5.979	2345082	19.280 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	2304468	18.816 ug/ml
5) T Acenaphthylene (C15.06)	8.304	2157047	18.021 ug/ml
7) T Acenaphthene (C15.5)	8.599	2261186	18.285 ug/ml
8) T Fluorene (C16.55)	9.379	2227249	17.832 ug/ml
9) T Phenanthrene (C19.36)	10.774	2176381	17.239 ug/ml
10) T Anthracene (C19.43)	10.848	1959951	15.655 ug/ml
12) T Fluoranthene (C21.85)	12.584	2157989	16.861 ug/ml
13) T Pyrene (C20.8)	12.881	2126685	16.897 ug/ml
14) T Benzo[a]anthracene (C...	14.751	2021955	16.558 ug/ml
15) T Chrysene (C27.41)	14.794	2047606	16.639 ug/ml
16) T benzo[b]fluoranthene ...	16.301	2055904	17.026 ug/ml
17) T Bnezo[k]fluoranthene ...	16.301	2055904	16.993 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.679	2033975	17.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	2022076	17.600 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	2022076	17.292 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	2018303	17.714 ug/ml

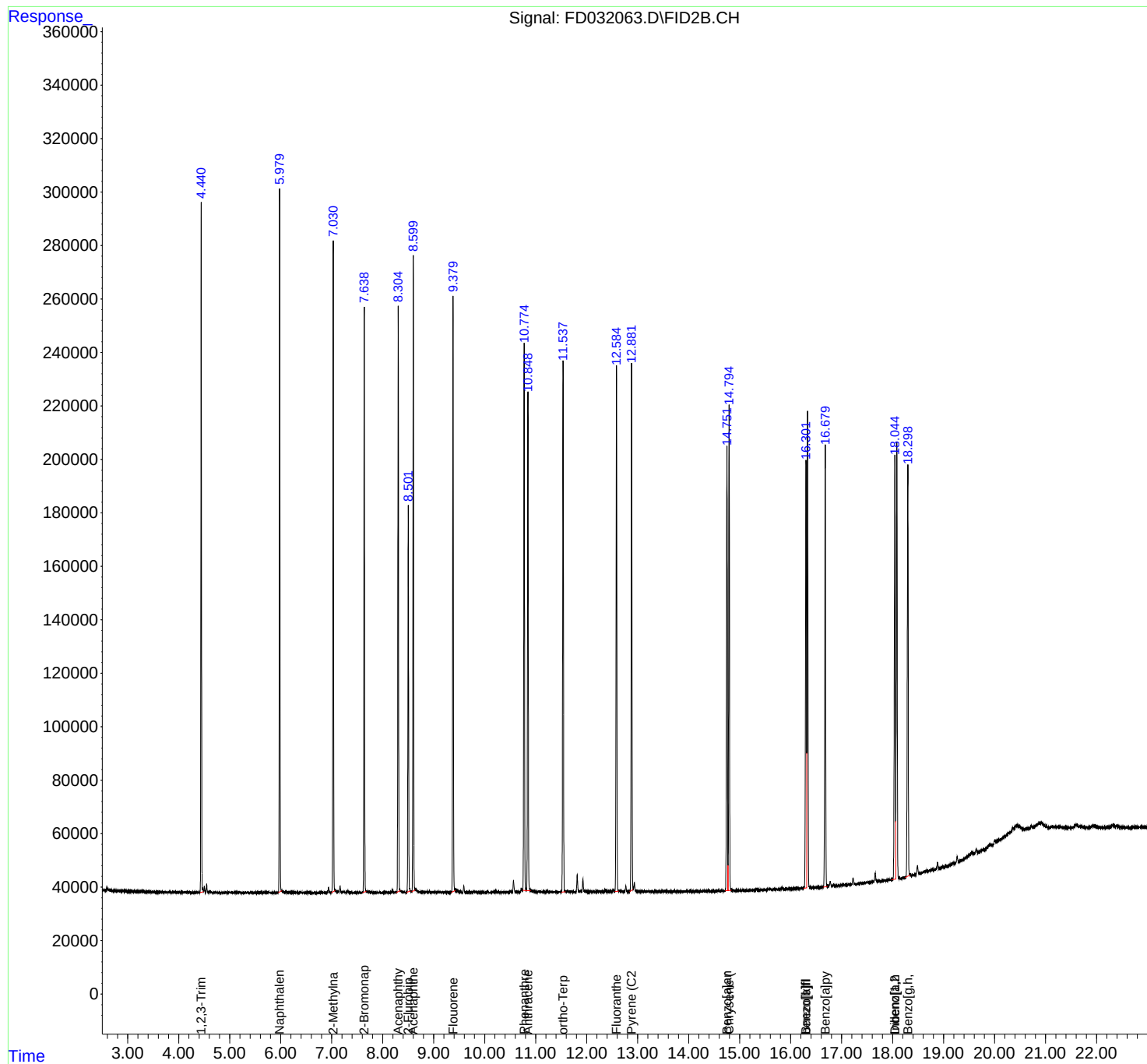
(f)=RT Delta > 1/2 Window

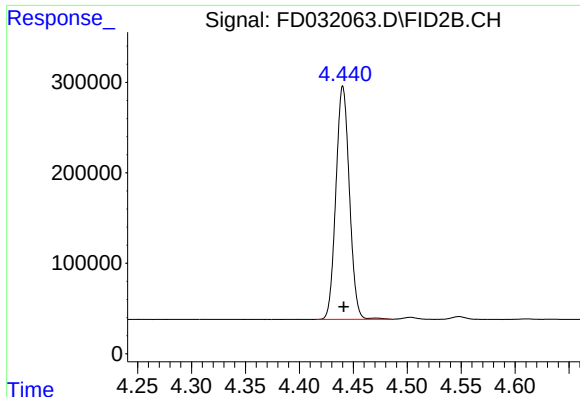
(m)=manual int.

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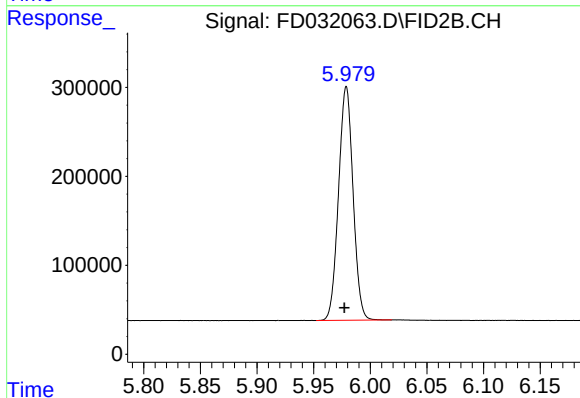
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Signal Info : 20M x 0.18mm x 0.18µm





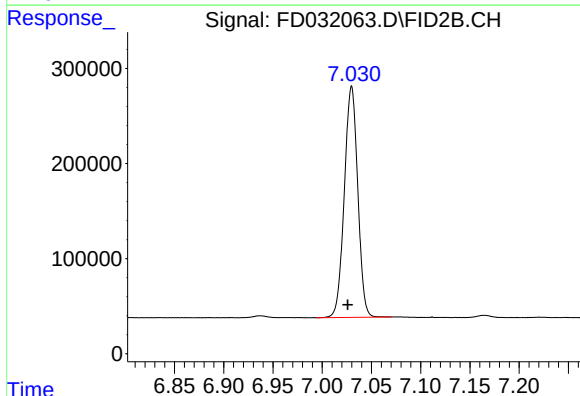
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 2249851
Conc: 19.86 ug/ml



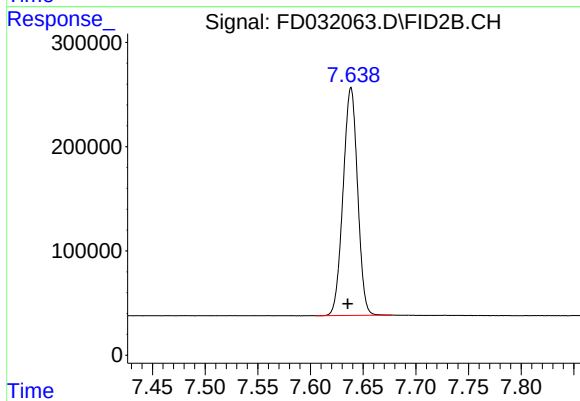
#2 Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: 0.002 min
Response: 2345082
Conc: 19.28 ug/ml



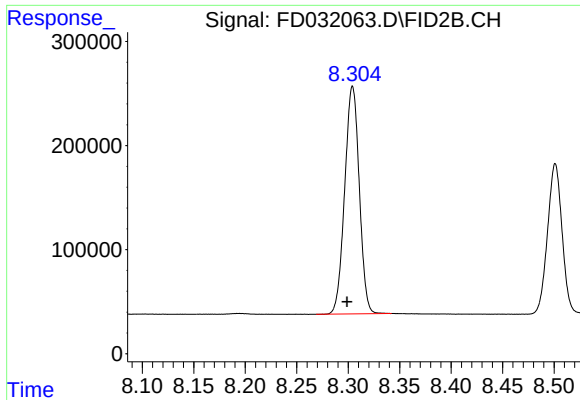
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: 0.004 min
Response: 2304468
Conc: 18.82 ug/ml



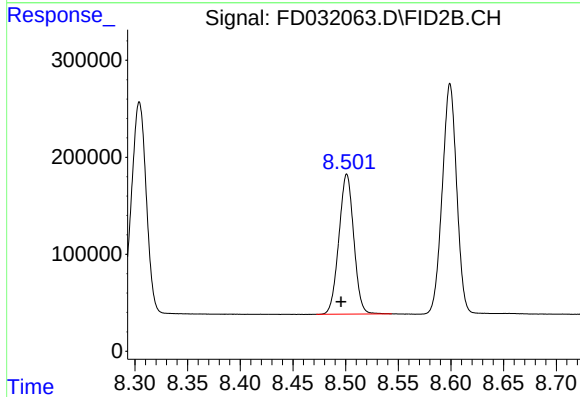
#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 2094706
Conc: 18.63 ug/ml



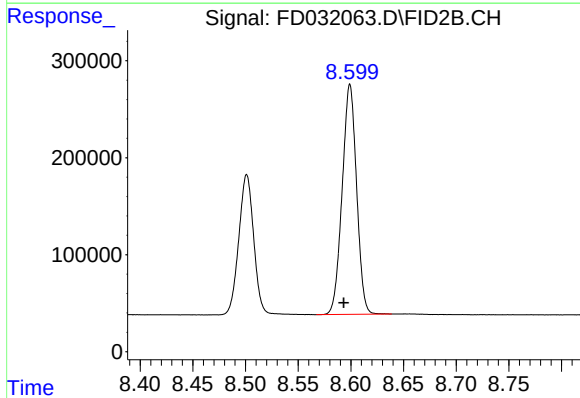
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: 0.005 min
Response: 2157047
Conc: 18.02 ug/ml



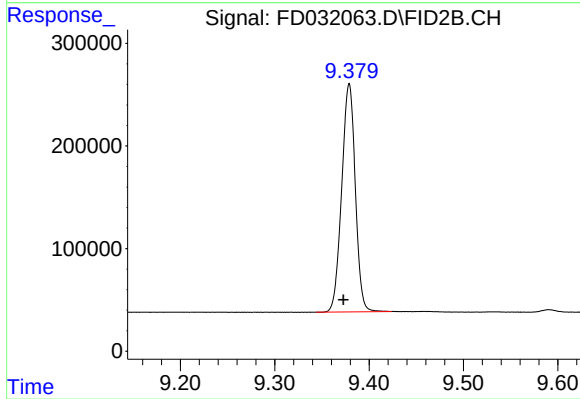
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.501 min
Delta R.T.: 0.006 min
Response: 1417709
Conc: 18.19 ug/ml



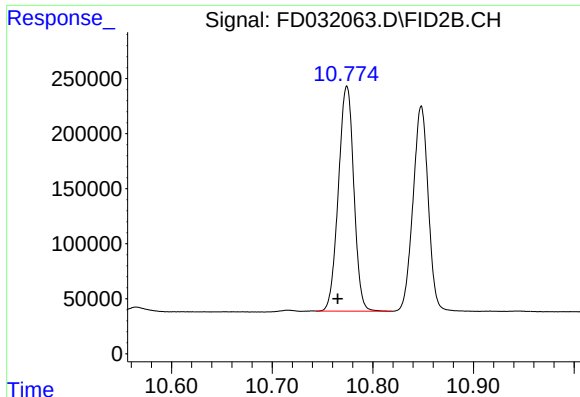
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: 0.006 min
Response: 2261186
Conc: 18.29 ug/ml



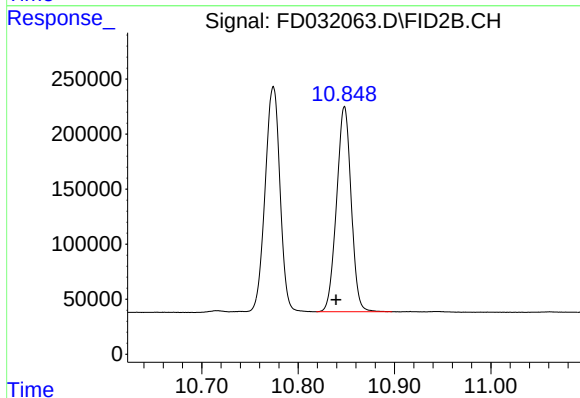
#8 Flouorene (C16.55)

R.T.: 9.379 min
Delta R.T.: 0.006 min
Response: 2227249
Conc: 17.83 ug/ml



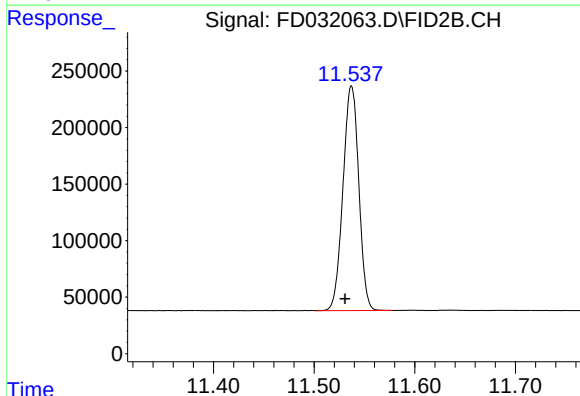
#9 Phenanthrene (C19.36)

R.T.: 10.774 min
Delta R.T.: 0.009 min
Response: 2176381
Conc: 17.24 ug/ml



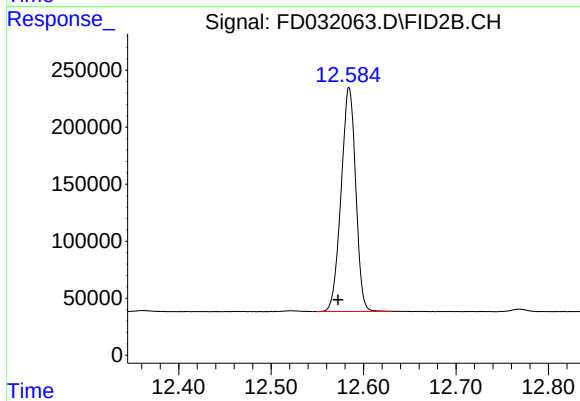
#10 Anthracene (C19.43)

R.T.: 10.848 min
Delta R.T.: 0.009 min
Response: 1959951
Conc: 15.65 ug/ml



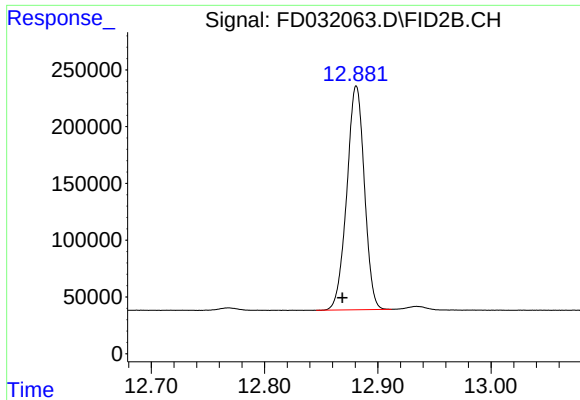
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: 0.007 min
Response: 2169682
Conc: 17.48 ug/ml



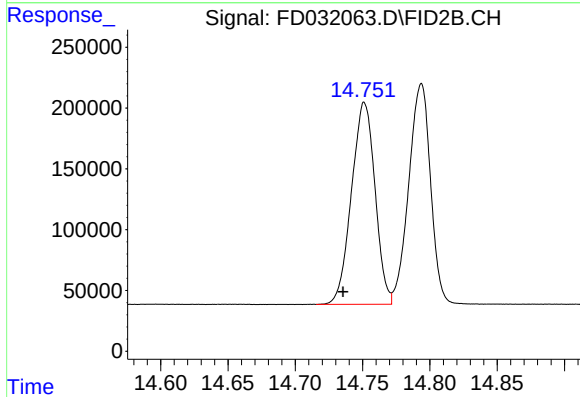
#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: 0.012 min
Response: 2157989
Conc: 16.86 ug/ml



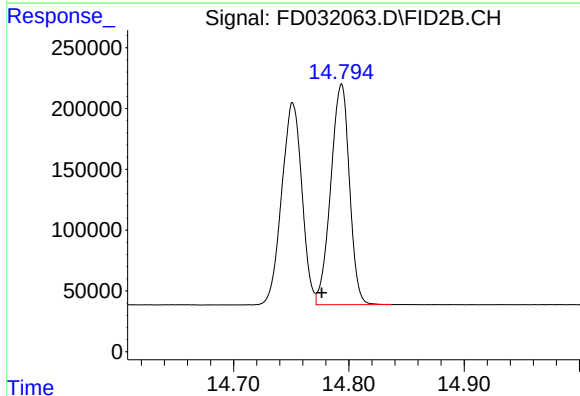
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: 0.012 min
Response: 2126685
Conc: 16.90 ug/ml



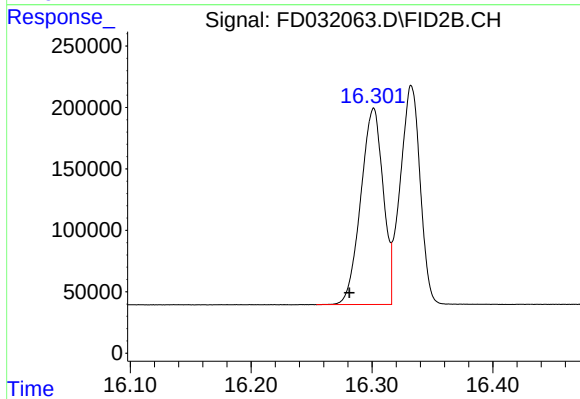
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.751 min
Delta R.T.: 0.016 min
Response: 2021955
Conc: 16.56 ug/ml



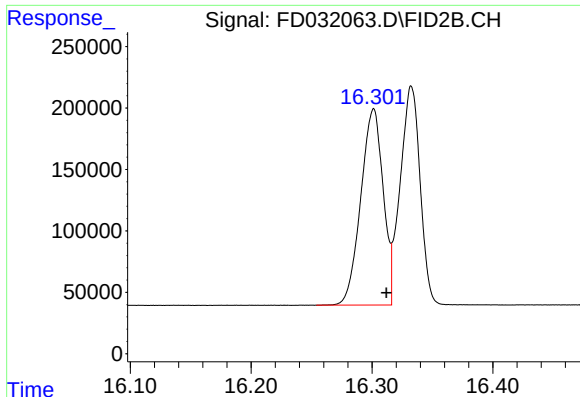
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: 0.017 min
Response: 2047606
Conc: 16.64 ug/ml



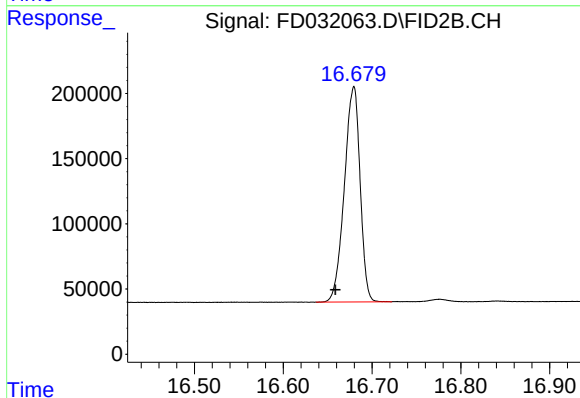
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.301 min
Delta R.T.: 0.020 min
Response: 2055904
Conc: 17.03 ug/ml



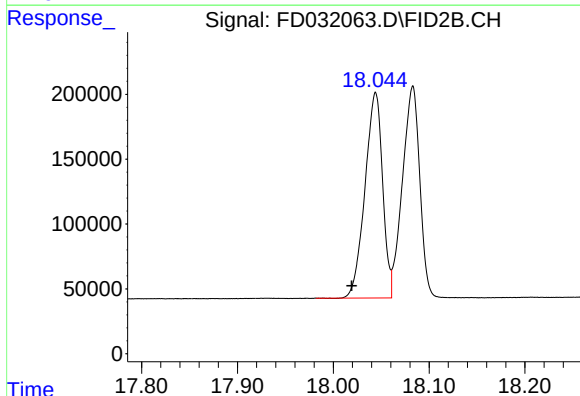
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.301 min
Delta R.T.: -0.011 min
Response: 2055904
Conc: 16.99 ug/ml



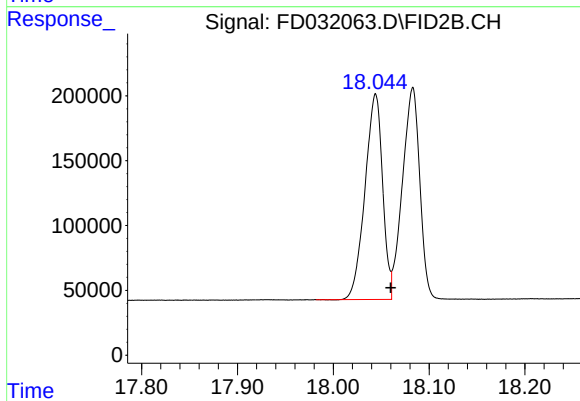
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.679 min
Delta R.T.: 0.021 min
Response: 2033975
Conc: 17.03 ug/ml



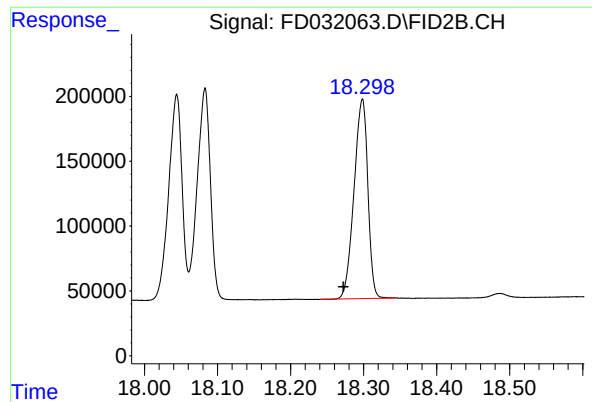
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: 0.025 min
Response: 2022076
Conc: 17.60 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.016 min
Response: 2022076
Conc: 17.29 ug/ml



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

R.T.: 18.298 min
Delta R.T.: 0.026 min
Response: 2018303
Conc: 17.71 ug/ml