

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011020AR\
 Data File : FD031985.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jan 2020 15:55
 Operator : DD\AJ
 Sample : PB126005BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 01:08:07 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...	7.636	4527548	40.276 ug/ml
Spiked Amount 50.000		Recovery =	80.55%
6) S 2-Fluorobiphenyl (SURR)	8.497	3119951	40.028 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.06%
11) S ortho-Terphenyl (SURR)	11.533	4191705	33.773 ug/ml
Spiked Amount 50.000		Recovery =	67.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	3333939	29.437 ug/ml
2) T Naphthalene (C11.7)	5.976	3820581	31.410 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	3921644	32.020 ug/ml
5) T Acenaphthylene (C15.06)	8.300	3877045	32.391 ug/ml
7) T Acenaphthene (C15.5)	8.596	4133039	33.422 ug/ml
8) T Fluorene (C16.55)	9.374	4197682	33.609 ug/ml
9) T Phenanthrene (C19.36)	10.769	4391784	34.787 ug/ml
10) T Anthracene (C19.43)	10.843	4340805	34.672 ug/ml
12) T Fluoranthene (C21.85)	12.578	4564199	35.661 ug/ml
13) T Pyrene (C20.8)	12.875	4454728	35.395 ug/ml
14) T Benzo[a]anthracene (C...	14.743	4189812	34.311 ug/ml
15) T Chrysene (C27.41)	14.786	4571214	37.145 ug/ml
16) T benzo[b]fluoranthene ...	16.290	4272664	35.384 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	4160021	34.384 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	3876217	32.446 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	3953776	34.414 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	3929482	33.603 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	3924197	34.441 ug/ml

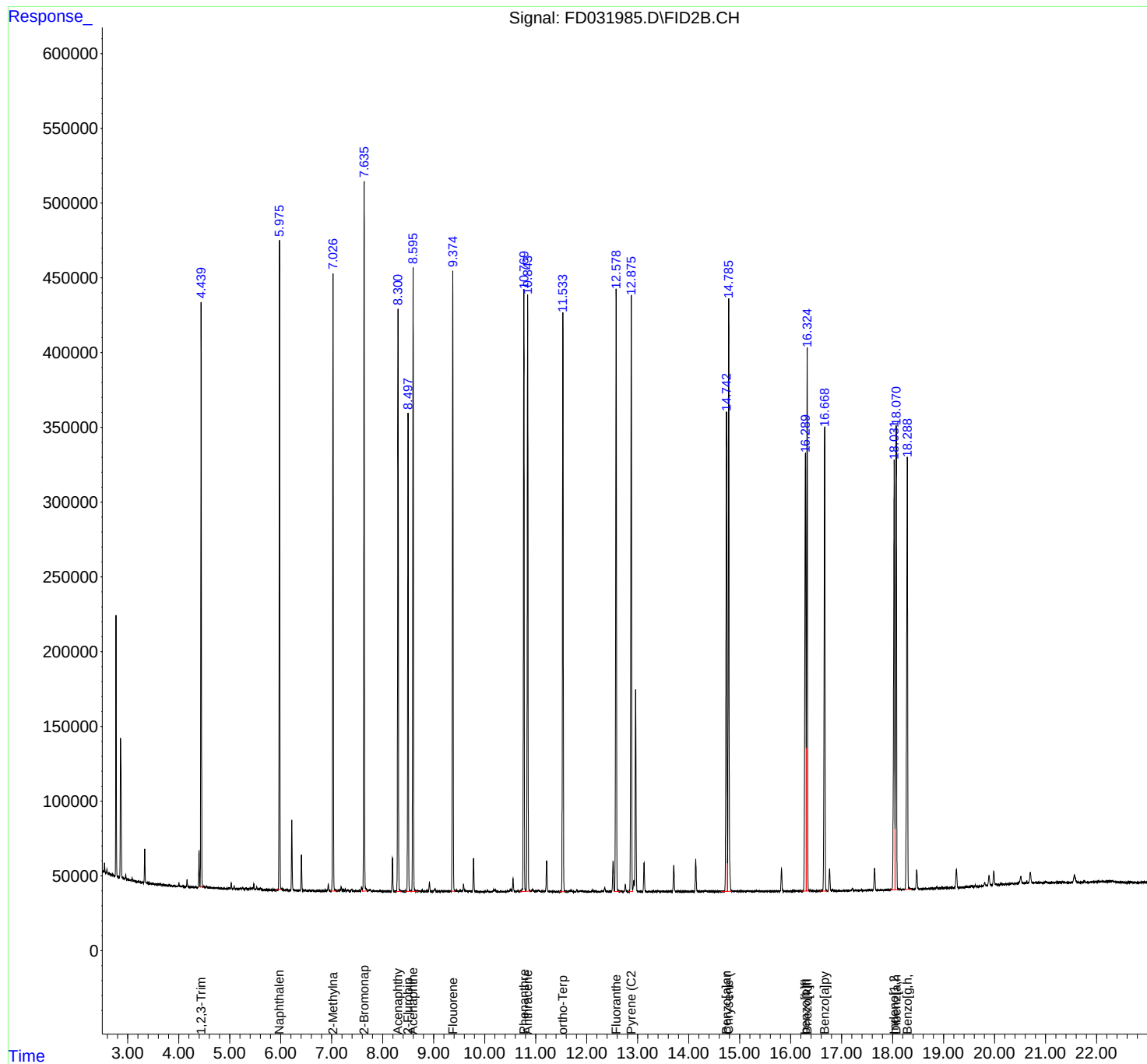
(f)=RT Delta > 1/2 Window

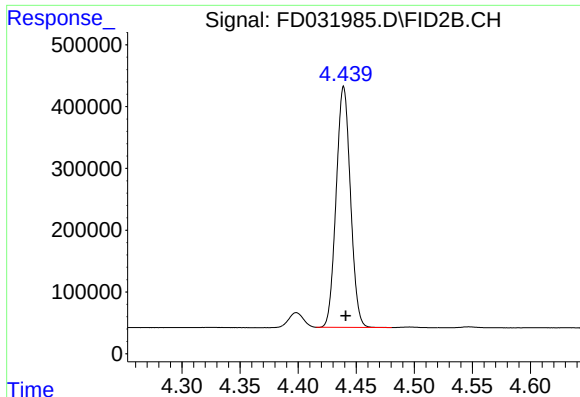
(m)=manual int.

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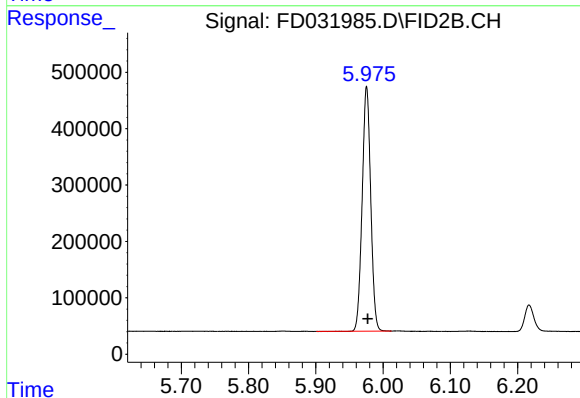
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Signal Info : 20M x 0.18mm x 0.18µm





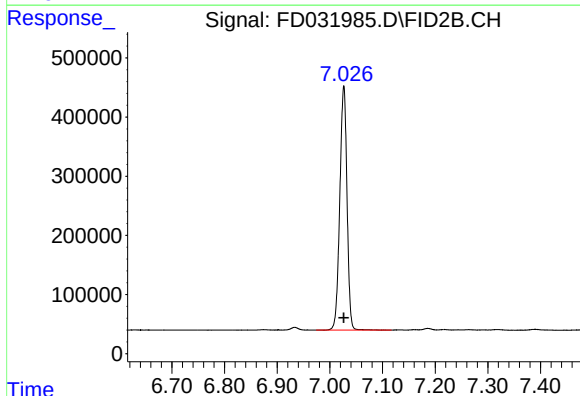
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 3333939
Conc: 29.44 ug/ml



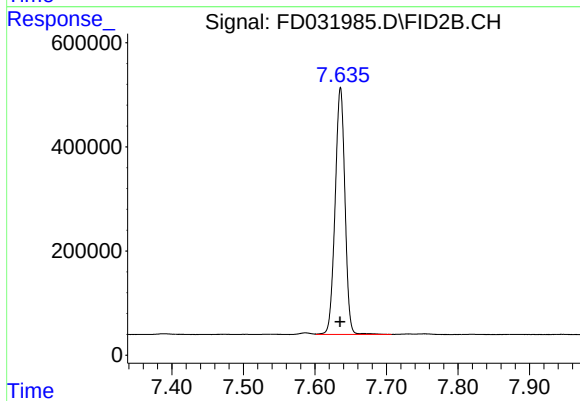
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 3820581
Conc: 31.41 ug/ml



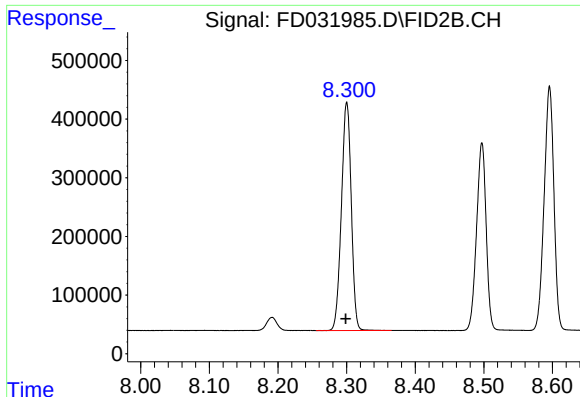
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 3921644
Conc: 32.02 ug/ml



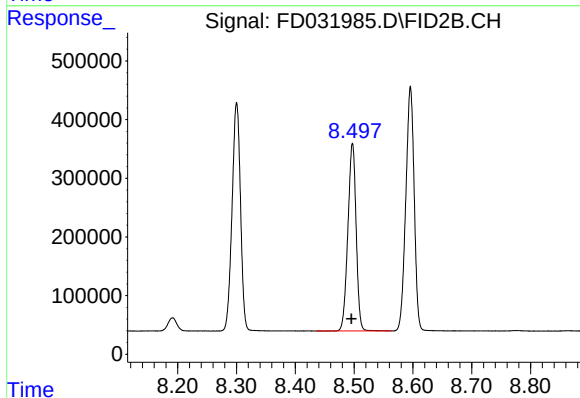
#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 4527548
Conc: 40.28 ug/ml



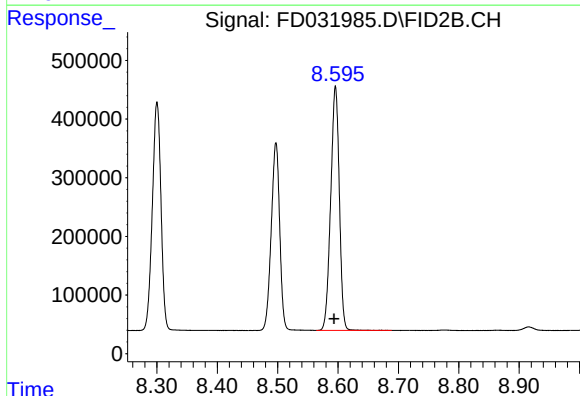
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: 0.001 min
Response: 3877045
Conc: 32.39 ug/ml



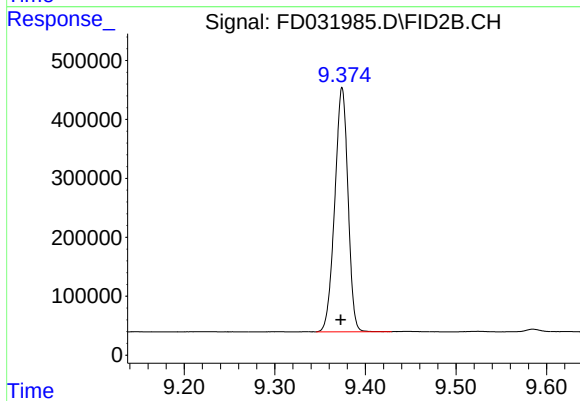
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: 0.002 min
Response: 3119951
Conc: 40.03 ug/ml



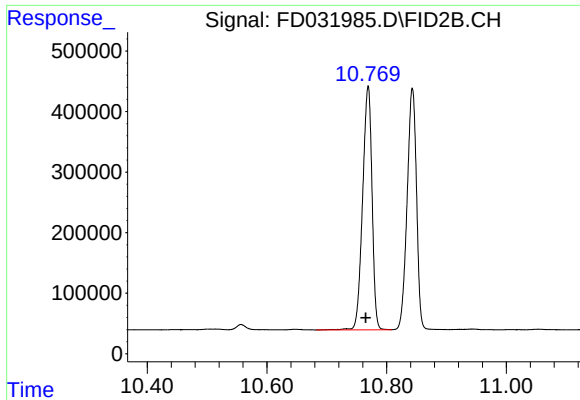
#7 Acenaphthene (C15.5)

R.T.: 8.596 min
Delta R.T.: 0.002 min
Response: 4133039
Conc: 33.42 ug/ml



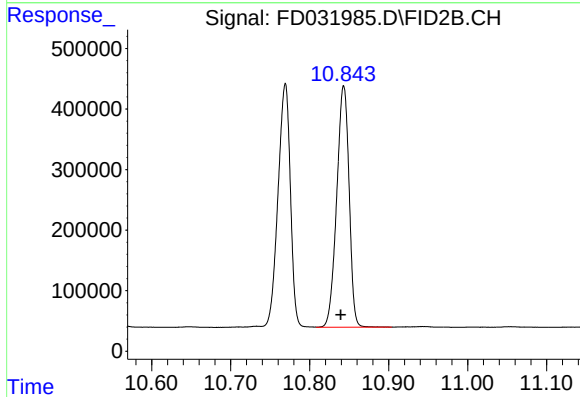
#8 Fluorene (C16.55)

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 4197682
Conc: 33.61 ug/ml



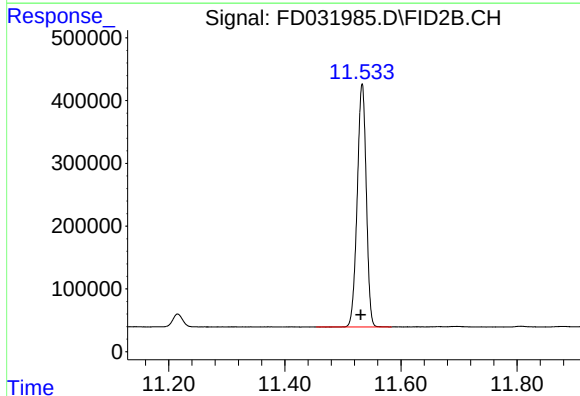
#9 Phenanthrene (C19.36)

R.T.: 10.769 min
Delta R.T.: 0.004 min
Response: 4391784
Conc: 34.79 ug/ml



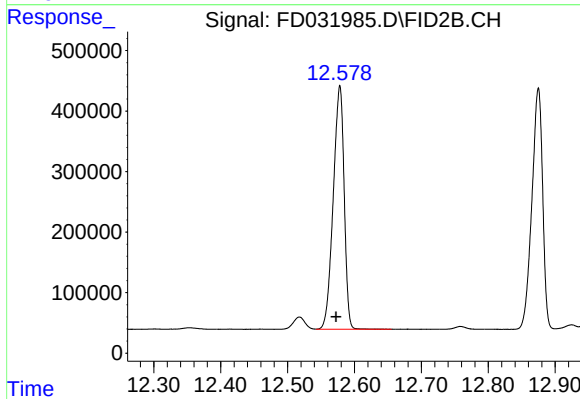
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: 0.004 min
Response: 4340805
Conc: 34.67 ug/ml



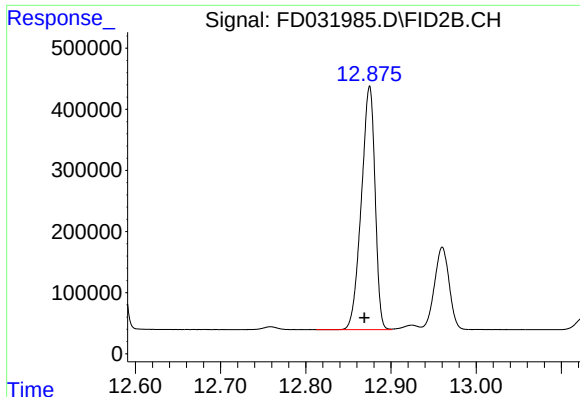
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.003 min
Response: 4191705
Conc: 33.77 ug/ml



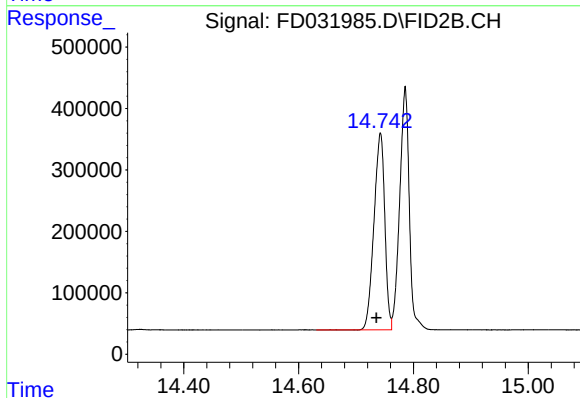
#12 Fluoranthene (C21.85)

R.T.: 12.578 min
Delta R.T.: 0.006 min
Response: 4564199
Conc: 35.66 ug/ml



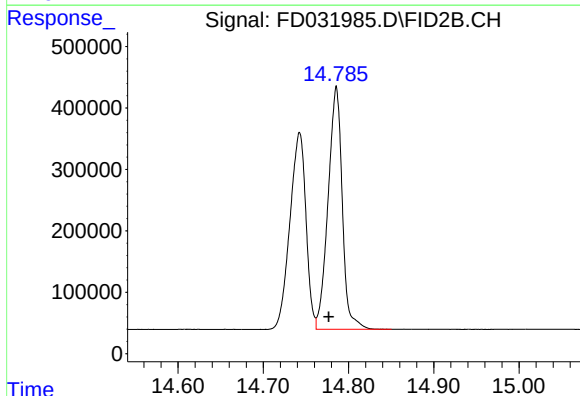
#13 Pyrene (C20.8)

R.T.: 12.875 min
Delta R.T.: 0.006 min
Response: 4454728
Conc: 35.39 ug/ml



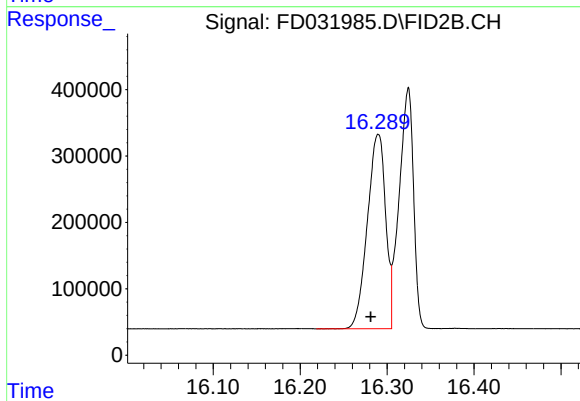
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.007 min
Response: 4189812
Conc: 34.31 ug/ml



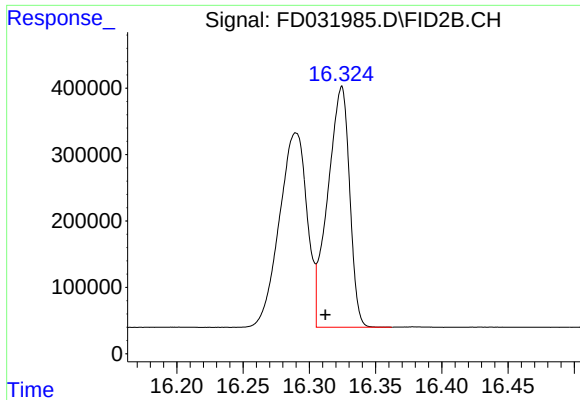
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: 0.009 min
Response: 4571214
Conc: 37.15 ug/ml



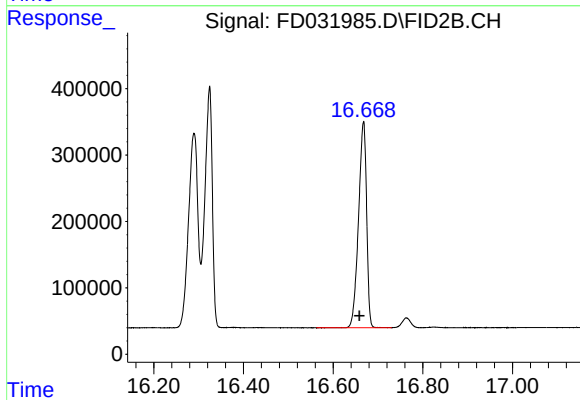
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: 0.009 min
Response: 4272664
Conc: 35.38 ug/ml



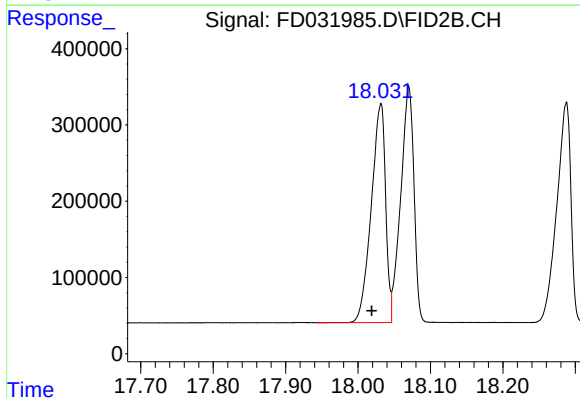
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: 0.012 min
Response: 4160021
Conc: 34.38 ug/ml



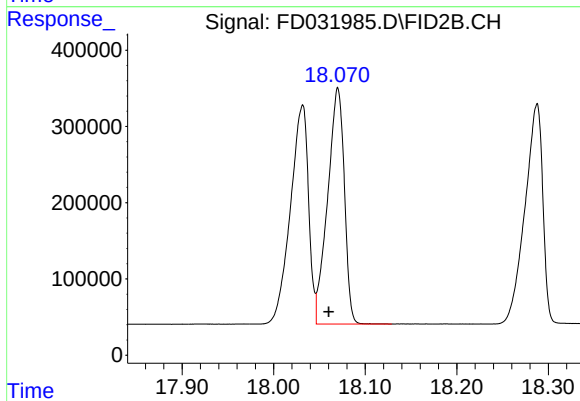
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: 0.009 min
Response: 3876217
Conc: 32.45 ug/ml



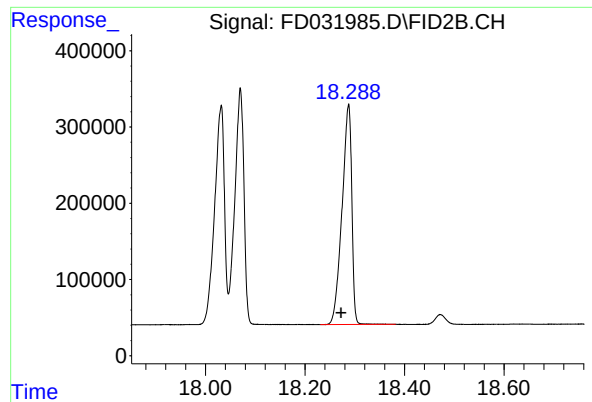
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: 0.012 min
Response: 3953776
Conc: 34.41 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.010 min
Response: 3929482
Conc: 33.60 ug/ml



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

R.T.: 18.288 min
Delta R.T.: 0.015 min
Response: 3924197
Conc: 34.44 ug/ml