

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100720AR\
 Data File : FD034993.D
 Signal(s) : FID2B.CH
 Acq On : 08 Oct 2020 3:58
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 08 05:58:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.675	2414944	20.717 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
6) S 2-Fluorobiphenyl (SURR)	8.541	1669032	20.330 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.66%
11) S ortho-Terphenyl (SURR)	11.581	2702342	19.707 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.469	2712556	20.891 ug/ml
2) T Naphthalene (C11.7)	6.012	2828575	20.666 ug/ml
3) T 2-Methylnaphthalene (...)	7.065	2833354	20.657 ug/ml
5) T Acenaphthylene (C15.06)	8.342	2704759	19.978 ug/ml
7) T Acenaphthene (C15.5)	8.638	2801796	20.295 ug/ml
8) T Fluorene (C16.55)	9.420	2708064	20.145 ug/ml
9) T Phenanthrene (C19.36)	10.818	2626950	19.668 ug/ml
10) T Anthracene (C19.43)	10.893	2551172	18.891 ug/ml
12) T Fluoranthene (C21.85)	12.631	2496765	18.973 ug/ml
13) T Pyrene (C20.8)	12.929	2390491	18.672 ug/ml
14) T Benzo[a]anthracene (C...	14.800	2111969	18.552 ug/ml
15) T Chrysene (C27.41)	14.843	2226713	18.180 ug/ml
16) T benzo[b]fluoranthene ...	16.352	2063564	19.252 ug/ml
17) T Bnezo[k]fluoranthene ...	16.383	2061243	19.081 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.730	1901048	19.510 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.097	1978809	21.360 ug/ml
20) T Dibenz[a,h]anthracene...	18.134	2111857	20.912 ug/ml
21) T Benzo[g,h,i]perylene ...	18.351	2052367	21.299 ug/ml

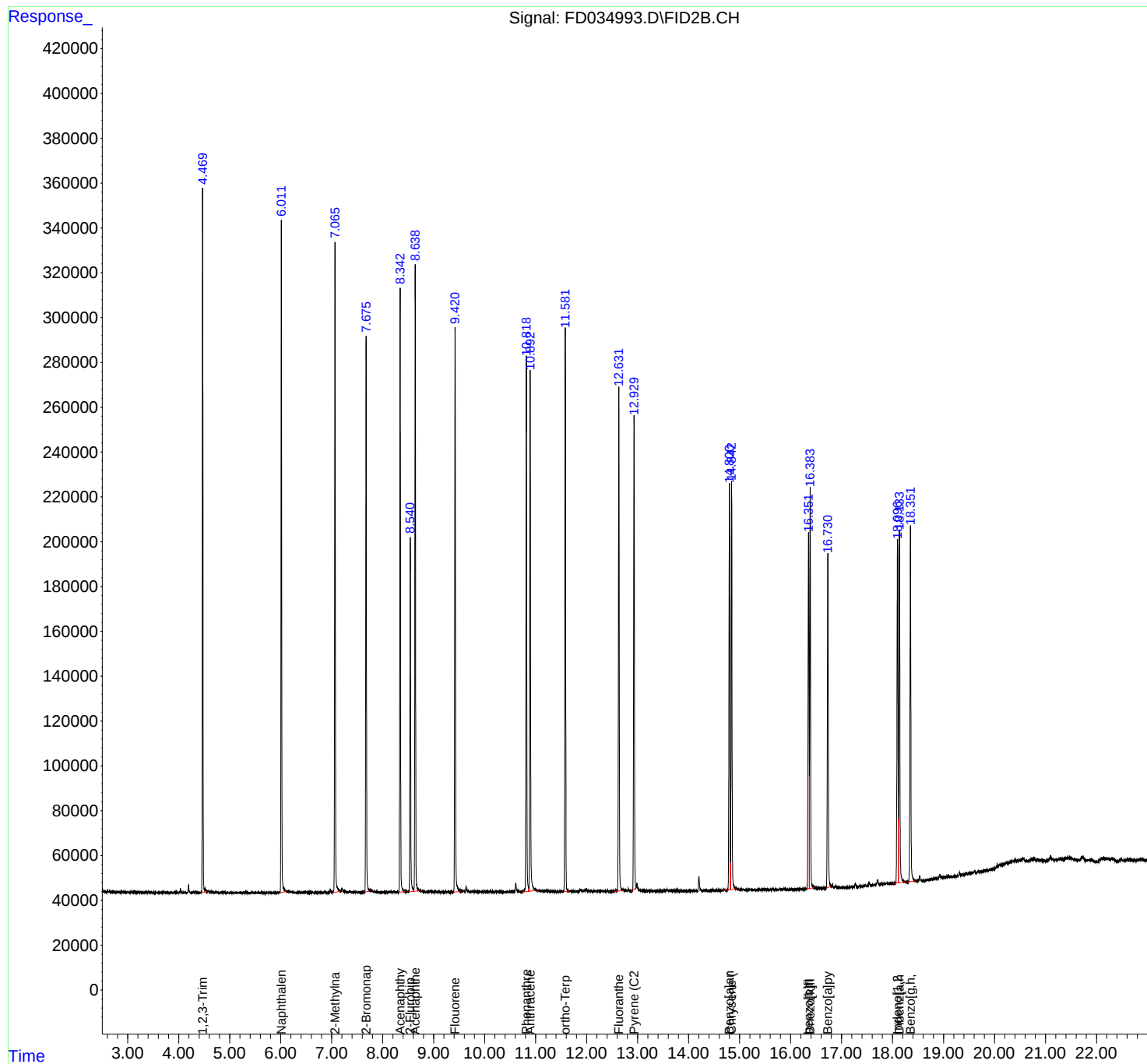
(f)=RT Delta > 1/2 Window

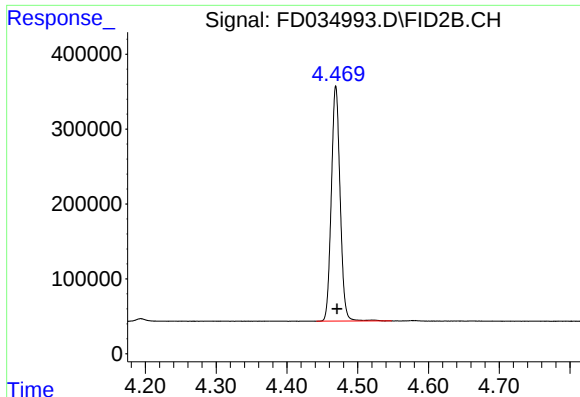
(m)=manual int.

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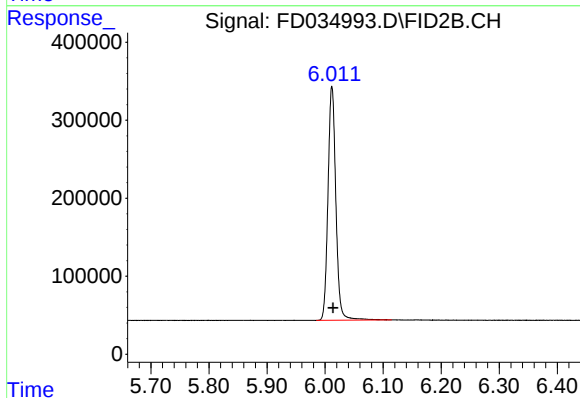
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Signal Info : 20M x 0.18mm x 0.18µm





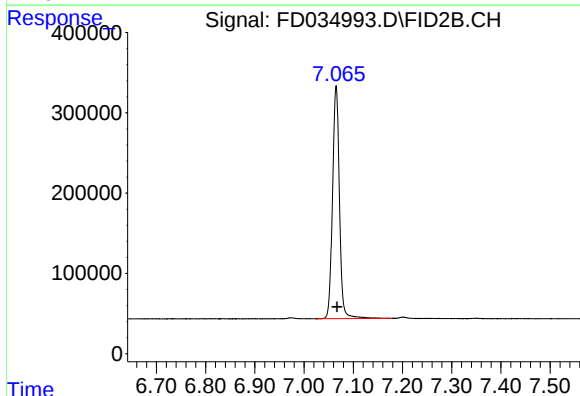
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 2712556
Conc: 20.89 ug/ml



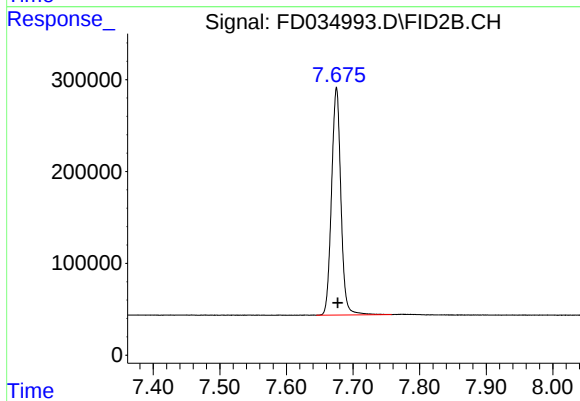
#2 Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 2828575
Conc: 20.67 ug/ml



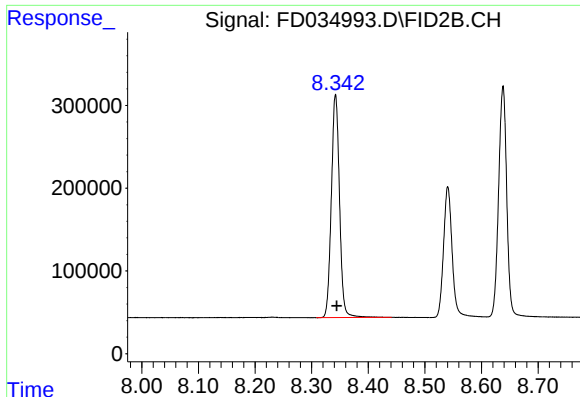
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 2833354
Conc: 20.66 ug/ml



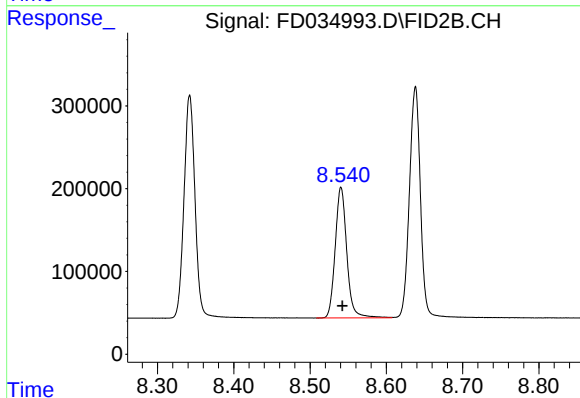
#4 2-Bromonaphthalene (SURR)

R.T.: 7.675 min
Delta R.T.: -0.002 min
Response: 2414944
Conc: 20.72 ug/ml



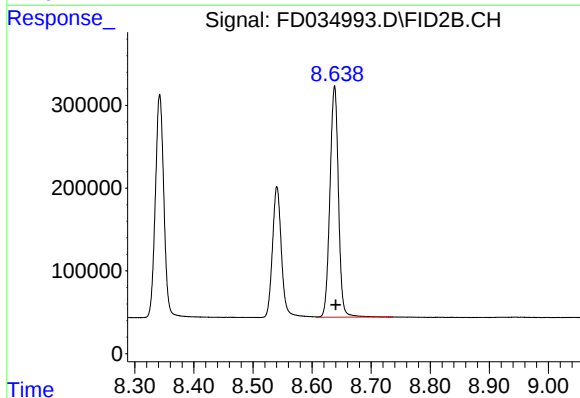
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 2704759
Conc: 19.98 ug/ml



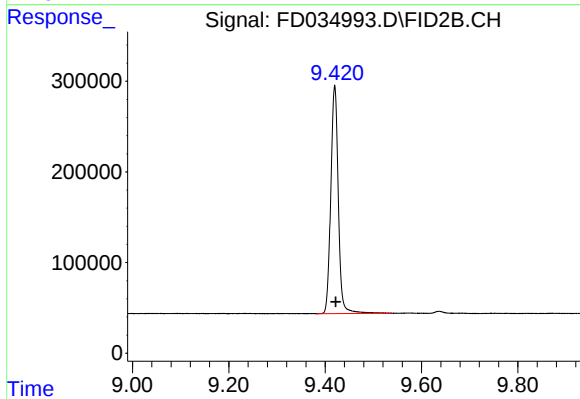
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.541 min
Delta R.T.: -0.002 min
Response: 1669032
Conc: 20.33 ug/ml



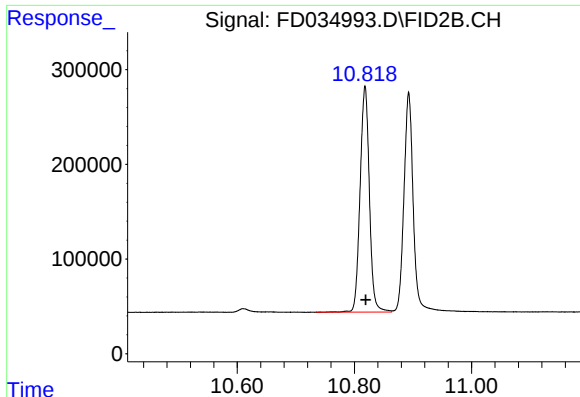
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: -0.002 min
Response: 2801796
Conc: 20.29 ug/ml



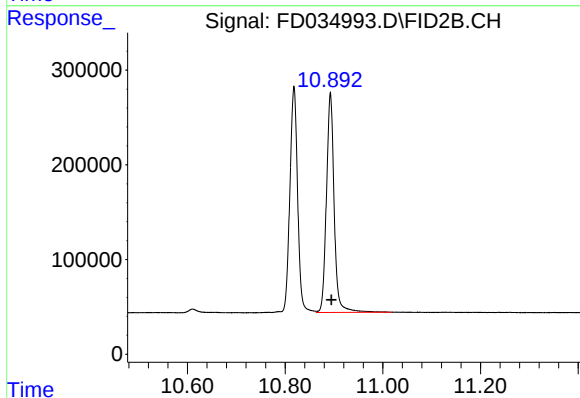
#8 Flouorene (C16.55)

R.T.: 9.420 min
Delta R.T.: -0.002 min
Response: 2708064
Conc: 20.15 ug/ml



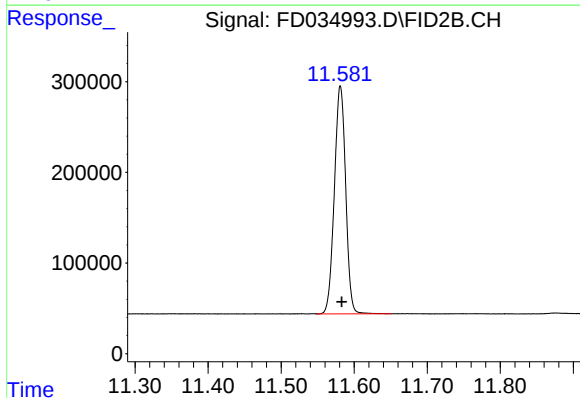
#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: -0.001 min
Response: 2626950
Conc: 19.67 ug/ml



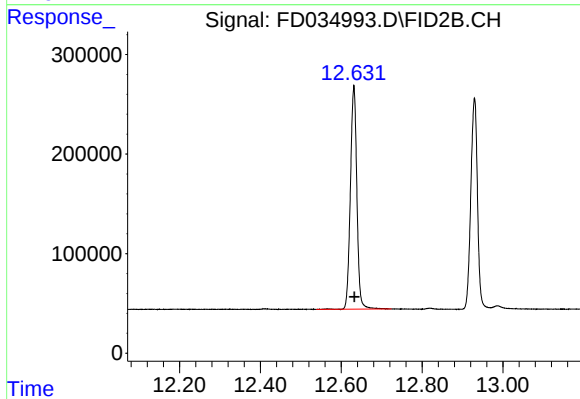
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: -0.002 min
Response: 2551172
Conc: 18.89 ug/ml



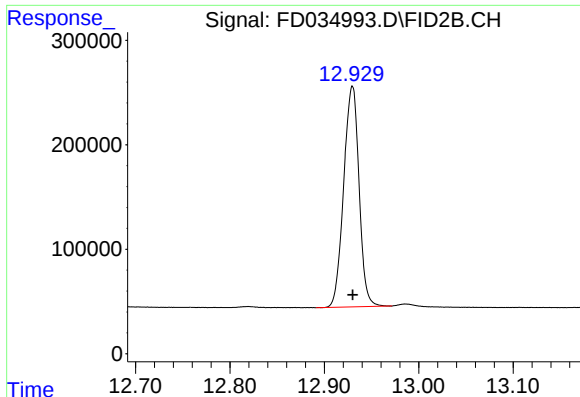
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.002 min
Response: 2702342
Conc: 19.71 ug/ml



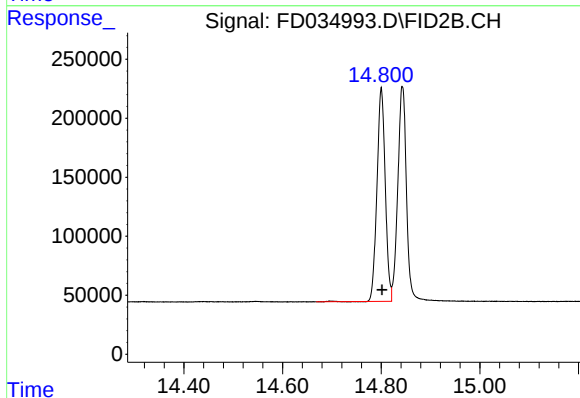
#12 Fluoranthene (C21.85)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 2496765
Conc: 18.97 ug/ml



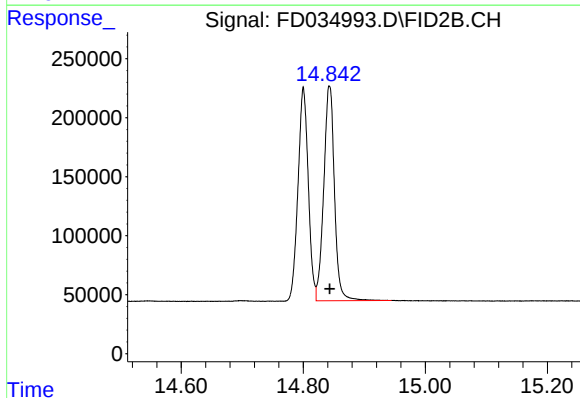
#13 Pyrene (C20.8)

R.T.: 12.929 min
Delta R.T.: 0.000 min
Response: 2390491
Conc: 18.67 ug/ml



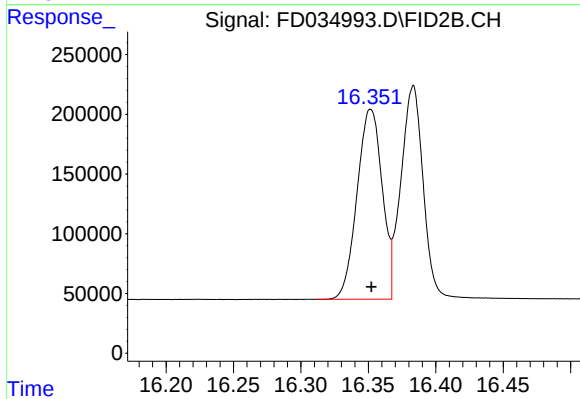
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 2111969
Conc: 18.55 ug/ml



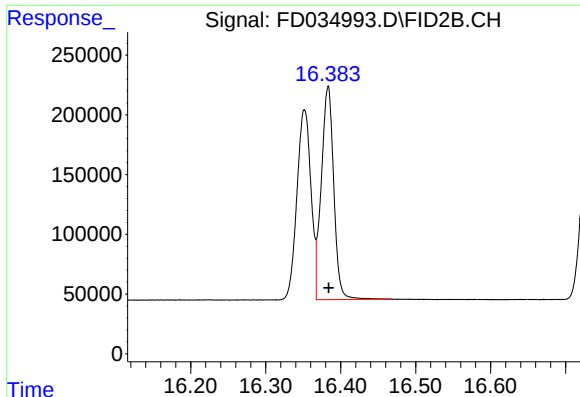
#15 Chrysene (C27.41)

R.T.: 14.843 min
Delta R.T.: 0.000 min
Response: 2226713
Conc: 18.18 ug/ml



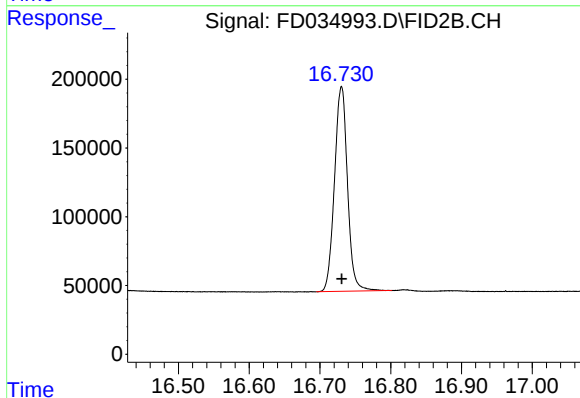
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.352 min
Delta R.T.: 0.000 min
Response: 2063564
Conc: 19.25 ug/ml



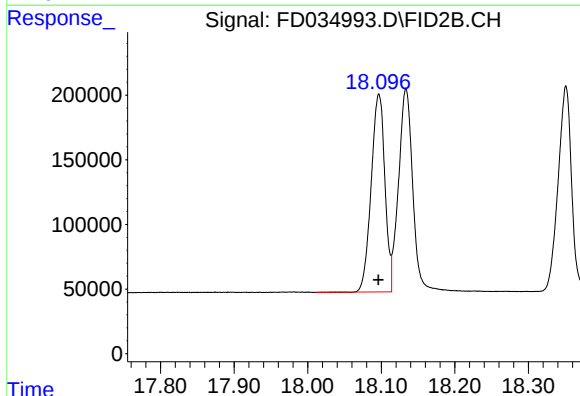
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.383 min
Delta R.T.: 0.000 min
Response: 2061243
Conc: 19.08 ug/ml



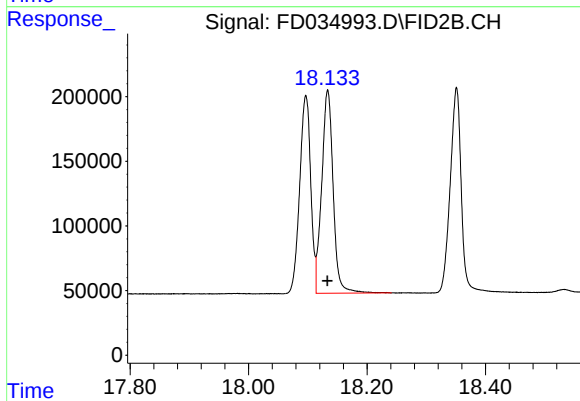
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 1901048
Conc: 19.51 ug/ml



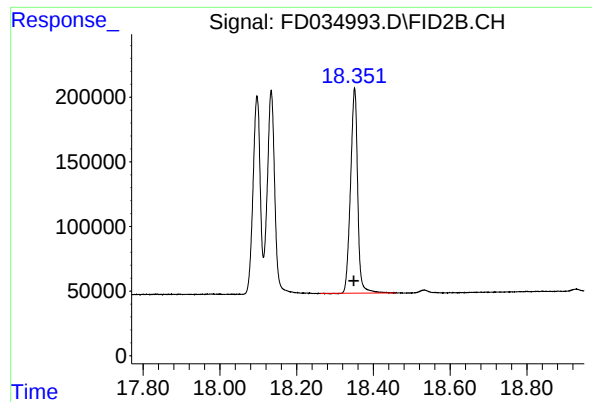
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.097 min
Delta R.T.: 0.000 min
Response: 1978809
Conc: 21.36 ug/ml



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

R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 2111857
Conc: 20.91 ug/ml



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

R.T.: 18.351 min
Delta R.T.: 0.002 min
Response: 2052367
Conc: 21.30 ug/ml