

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044872.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 15:00
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:36:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.559	2989582	20.384 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
6) S 2-Fluorobiphenyl (SURR)	8.415	2037518	20.413 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.83%
11) S ortho-Terphenyl (SURR)	11.456	3768037	20.274 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.369	3271064	20.492 ug/ml
2) T Naphthalene (C11.7)	5.900	3455955	20.397 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	3490379	20.345 ug/ml
5) T Acenaphthylene (C15.06)	8.219	3215086	20.460 ug/ml
7) T Acenaphthene (C15.5)	8.515	3387257	20.372 ug/ml
8) T Flouorene (C16.55)	9.293	3342146	20.362 ug/ml
9) T Phenanthrene (C19.36)	10.685	3291008	20.355 ug/ml
10) T Anthracene (C19.43)	10.759	3117890	21.032 ug/ml
12) T Fluoranthene (C21.85)	12.491	3268358	20.422 ug/ml
13) T Pyrene (C20.8)	12.786	3195766	20.366 ug/ml
14) T Benzo[a]anthracene (C...	14.652	2901963	20.333 ug/ml
15) T Chrysene (C27.41)	14.695	3012182	20.344 ug/ml
16) T benzo[b]fluoranthene ...	16.196	2931526	20.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.229	2878358	20.189 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	2845126	20.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.930	2690240	19.991 ug/ml
20) T Dibenz[a,h]anthracene...	17.972	2640667	19.927 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	2759812	20.298 ug/ml

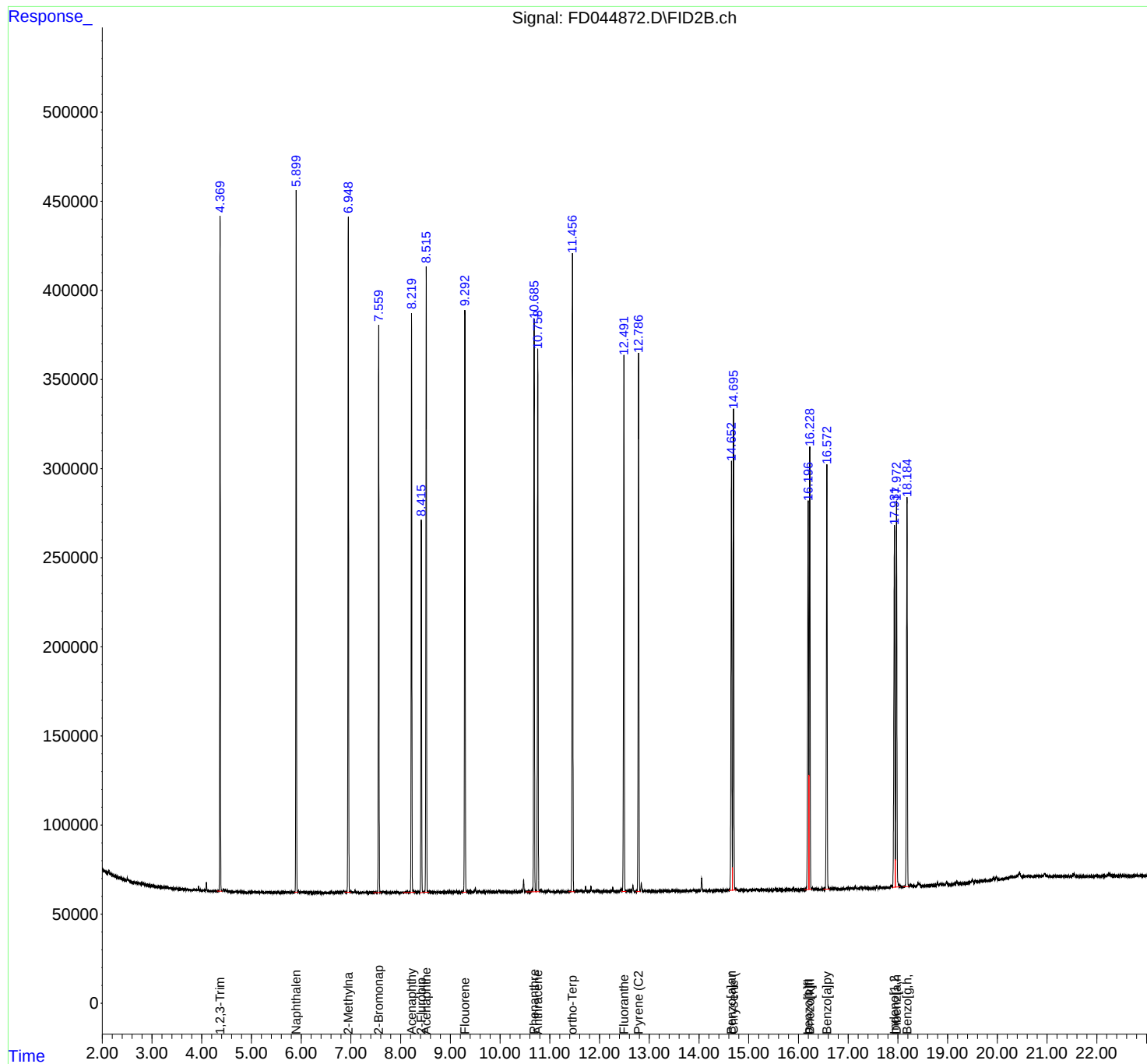
(f)=RT Delta > 1/2 Window

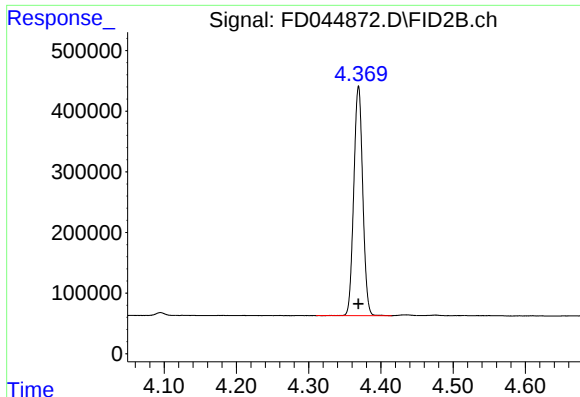
(m)=manual int.

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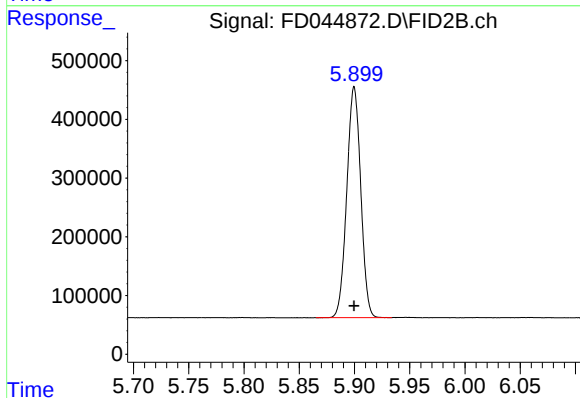
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Signal Info : 20M x 0.18mm x 0.18µm





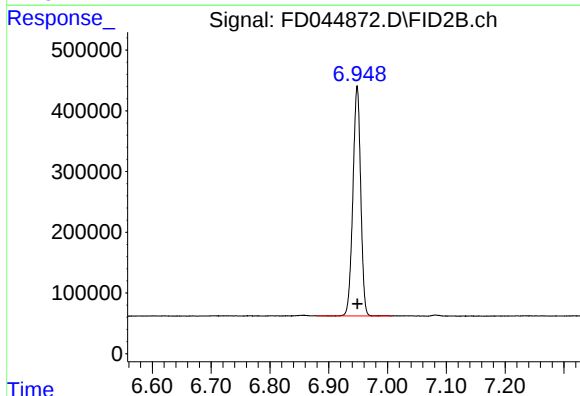
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 3271064
Conc: 20.49 ug/ml



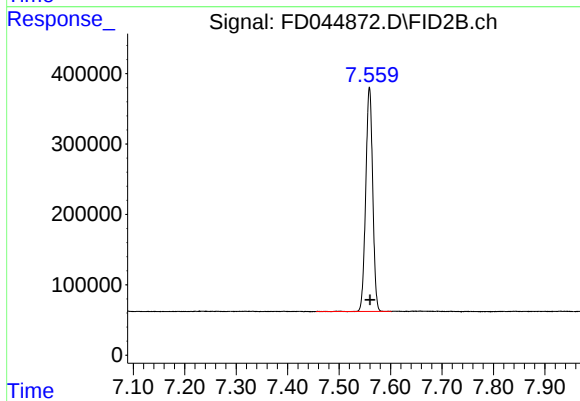
#2 Naphthalene (C11.7)

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 3455955
Conc: 20.40 ug/ml



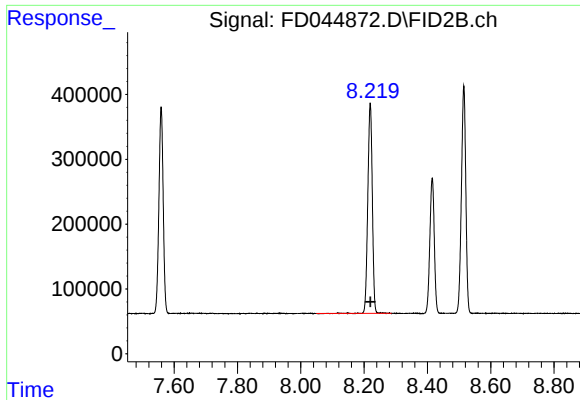
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 3490379
Conc: 20.35 ug/ml



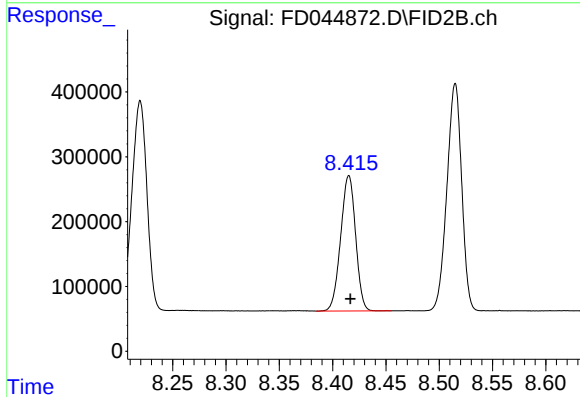
#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: -0.001 min
Response: 2989582
Conc: 20.38 ug/ml



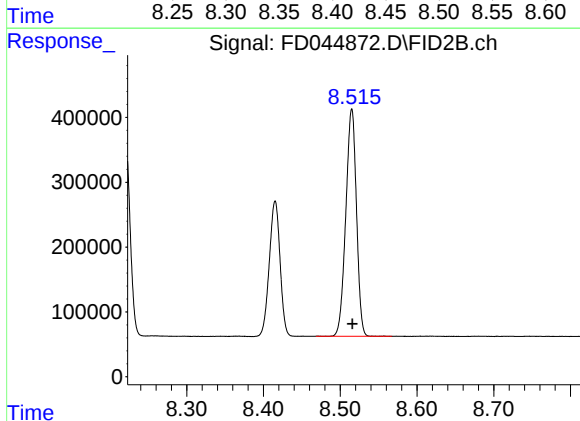
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 3215086
Conc: 20.46 ug/ml



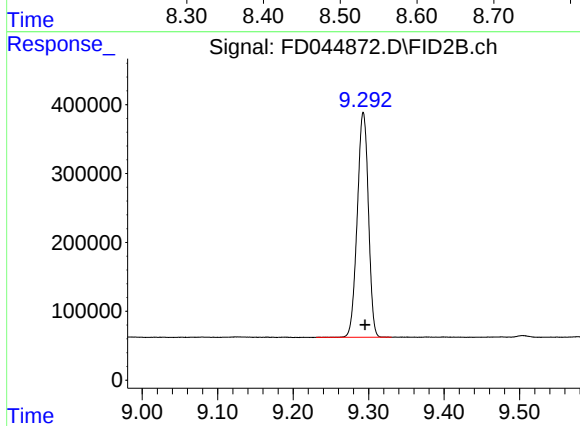
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 2037518
Conc: 20.41 ug/ml



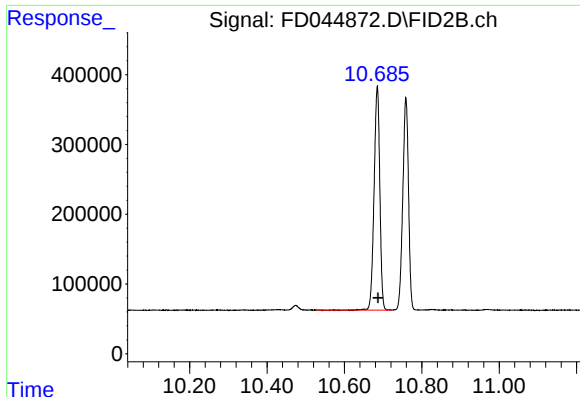
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 3387257
Conc: 20.37 ug/ml



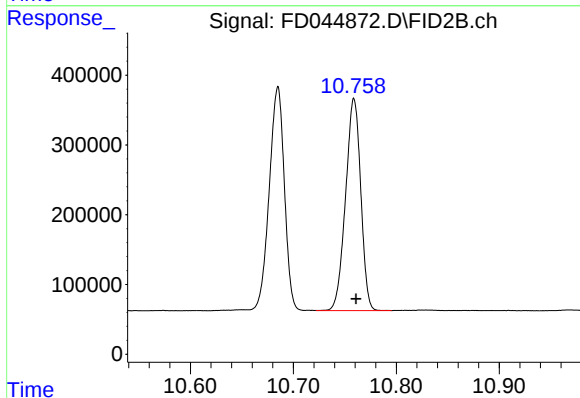
#8 Fluorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 3342146
Conc: 20.36 ug/ml



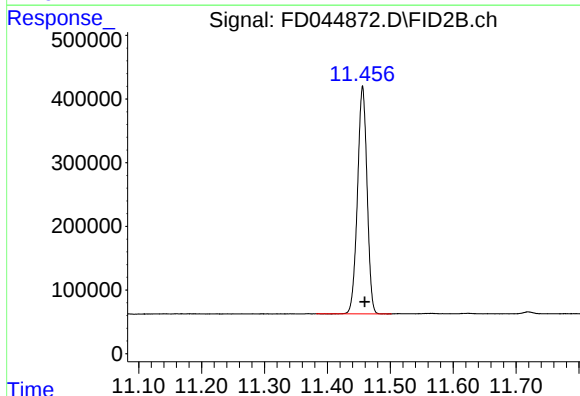
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 3291008
Conc: 20.35 ug/ml



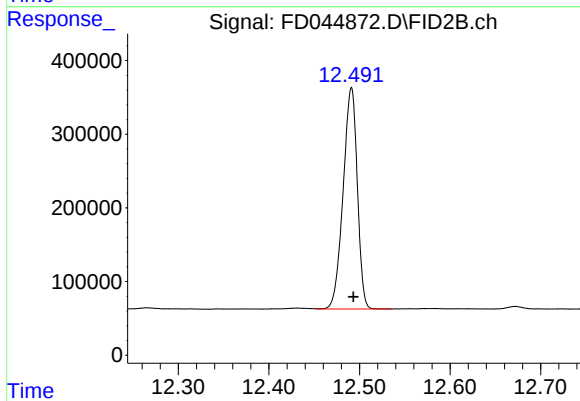
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: -0.002 min
Response: 3117890
Conc: 21.03 ug/ml



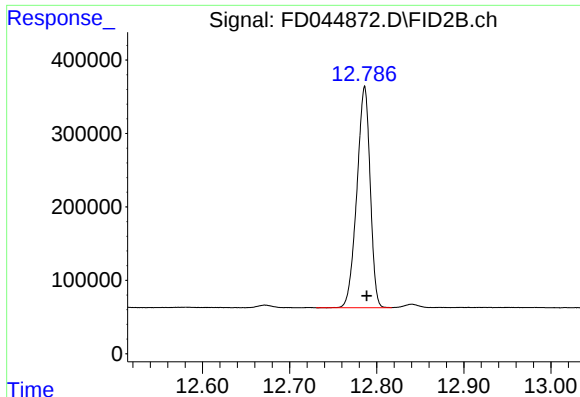
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 3768037
Conc: 20.27 ug/ml



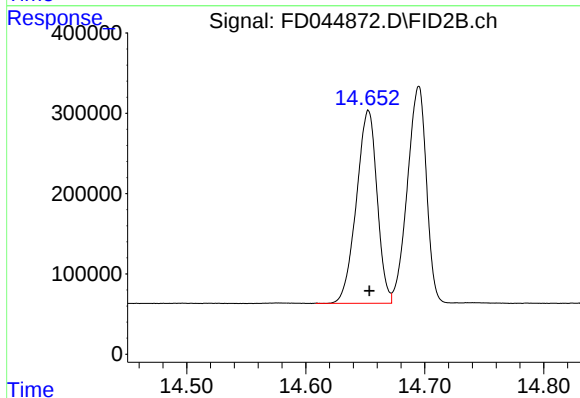
#12 Fluoranthene (C21.85)

R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 3268358
Conc: 20.42 ug/ml



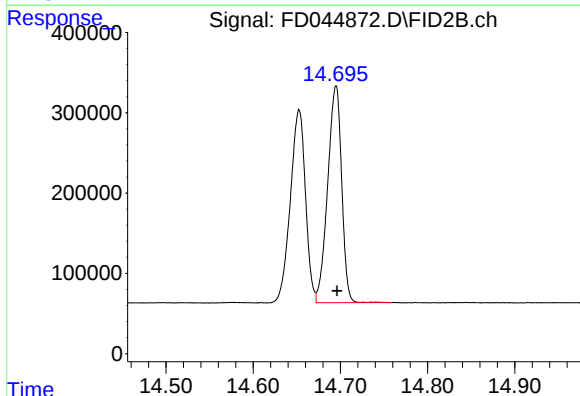
#13 Pyrene (C20.8)

R.T.: 12.786 min
Delta R.T.: -0.003 min
Response: 3195766
Conc: 20.37 ug/ml



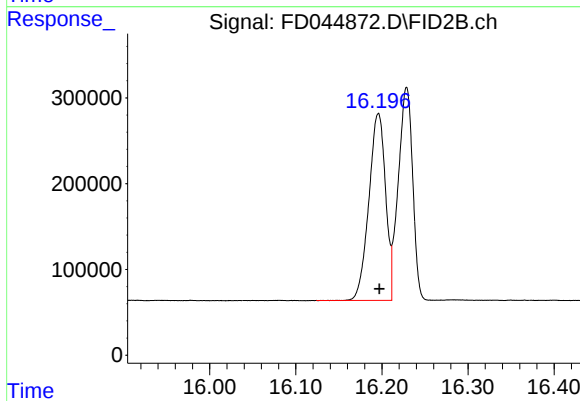
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: 0.000 min
Response: 2901963
Conc: 20.33 ug/ml



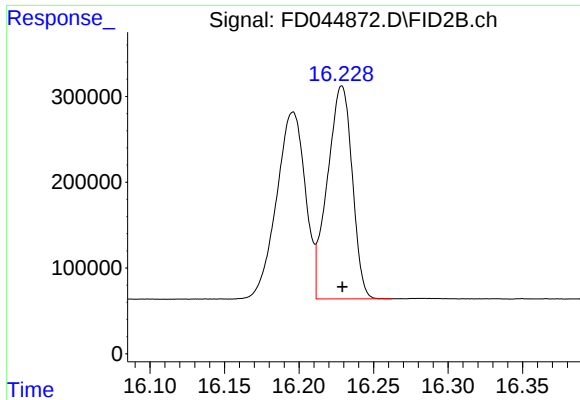
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: -0.002 min
Response: 3012182
Conc: 20.34 ug/ml



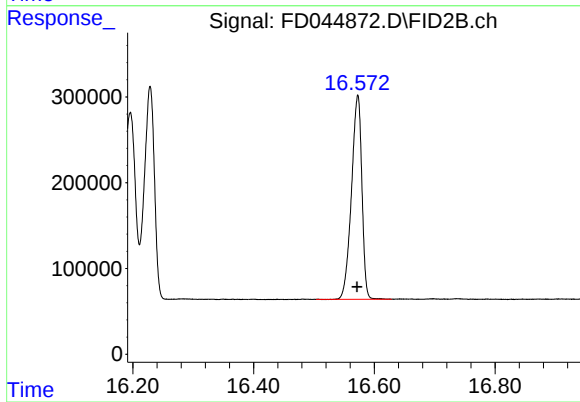
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.196 min
Delta R.T.: -0.001 min
Response: 2931526
Conc: 20.21 ug/ml



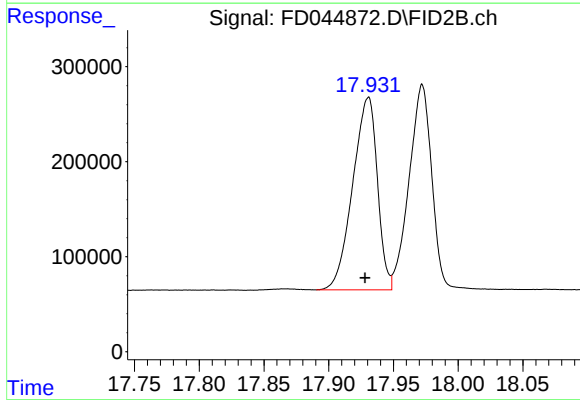
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 2878358
Conc: 20.19 ug/ml



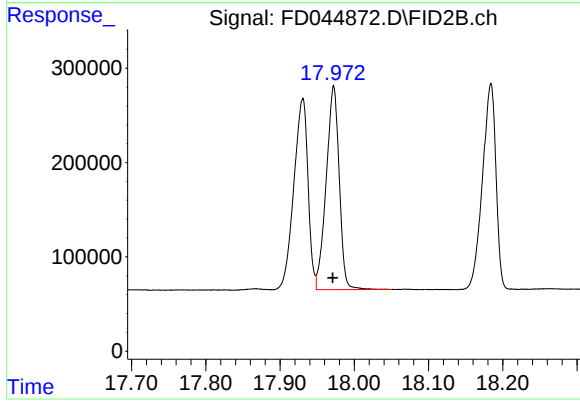
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.000 min
Response: 2845126
Conc: 20.36 ug/ml



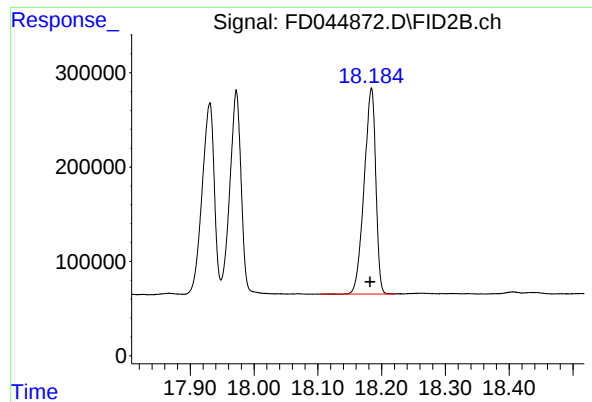
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.930 min
Delta R.T.: 0.002 min
Response: 2690240
Conc: 19.99 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.001 min
Response: 2640667
Conc: 19.93 ug/ml



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

R.T.: 18.184 min
Delta R.T.: 0.001 min
Response: 2759812
Conc: 20.30 ug/ml