

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046680.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 21:07
 Operator : YP/AJ
 Sample : 04733-01MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:39:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.491	9827677	55.767 ug/ml
Spiked Amount 50.000		Recovery =	111.53%
6) S 2-Fluorobiphenyl (SURR)	8.346	5857386	50.556 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.11%
11) S ortho-Terphenyl (SURR)	11.382	7513221	36.878 ug/ml
Spiked Amount 50.000		Recovery =	73.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	6097647	33.014 ug/ml
2) T Naphthalene (C11.7)	5.829	6981659	36.131 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	7604834	39.243 ug/ml
5) T Acenaphthylene (C15.06)	8.149	7762118	44.022 ug/ml
7) T Acenaphthene (C15.5)	8.445	8180876	43.540 ug/ml
8) T Fluorene (C16.55)	9.223	8412526	46.635 ug/ml
9) T Phenanthrene (C19.36)	10.614	9024610	51.327 ug/ml
10) T Anthracene (C19.43)	10.689	8383949	54.585 ug/ml
12) T Fluoranthene (C21.85)	12.418	8861256	51.991 ug/ml
13) T Pyrene (C20.8)	12.713	8585278	52.334 ug/ml
14) T Benzo[a]anthracene (C...	14.577	7383708	52.879 ug/ml
15) T Chrysene (C27.41)	14.621	7336610	48.330 ug/ml
16) T benzo[b]fluoranthene ...	16.121	6951005	50.675 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	6583510	47.526 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	6173902	46.150 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	6239861	49.780 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	5930652	44.568 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	5762894	43.700 ug/ml

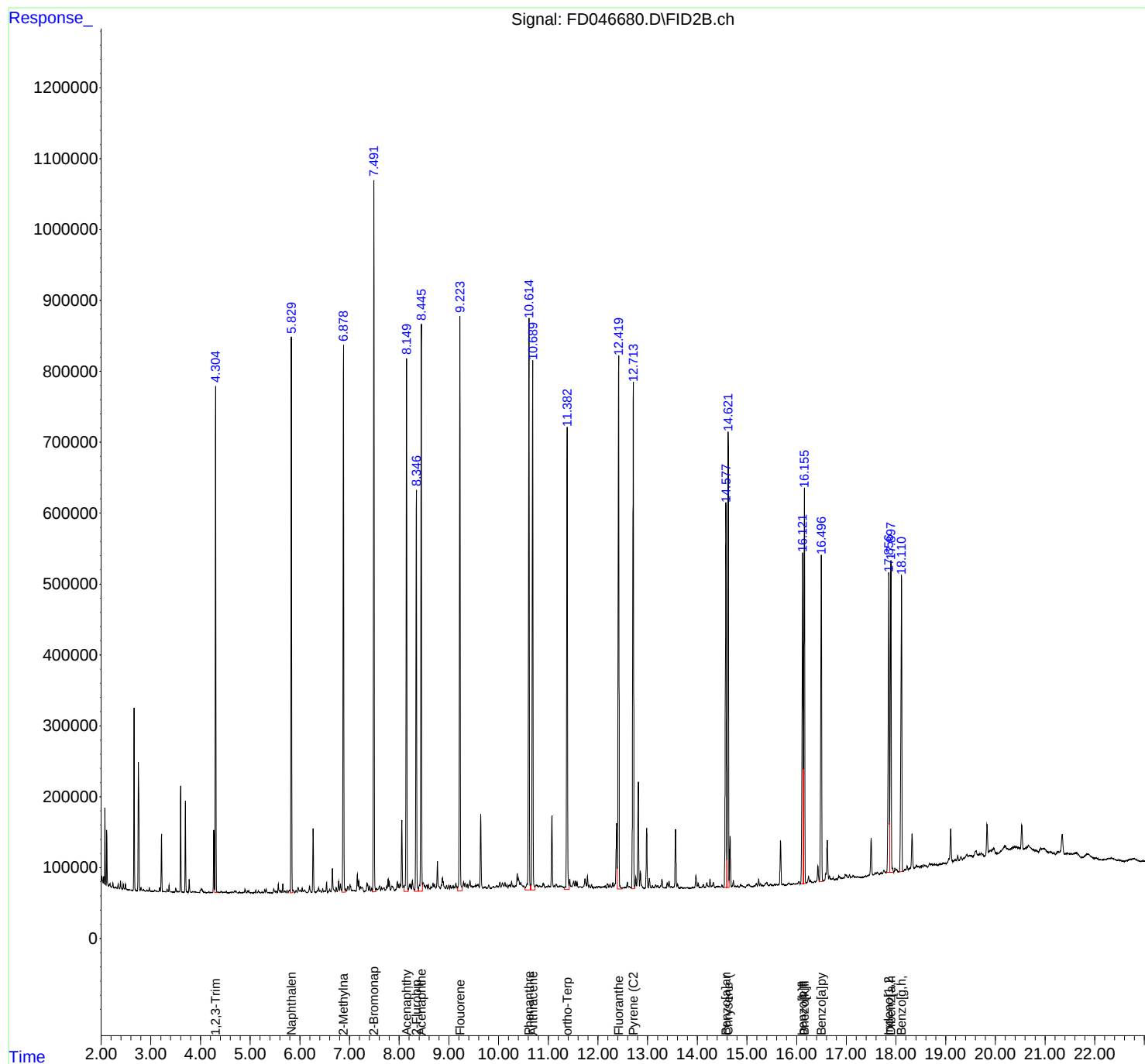
(f)=RT Delta > 1/2 Window

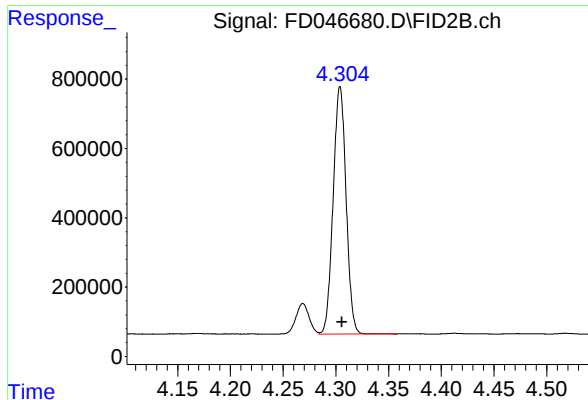
(m)=manual int.

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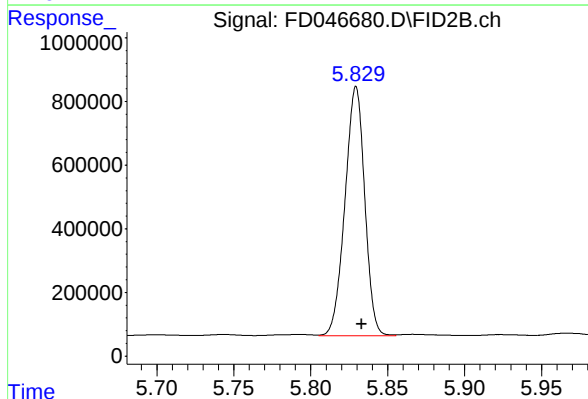
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Signal Info : 20M x 0.18mm x 0.18µm





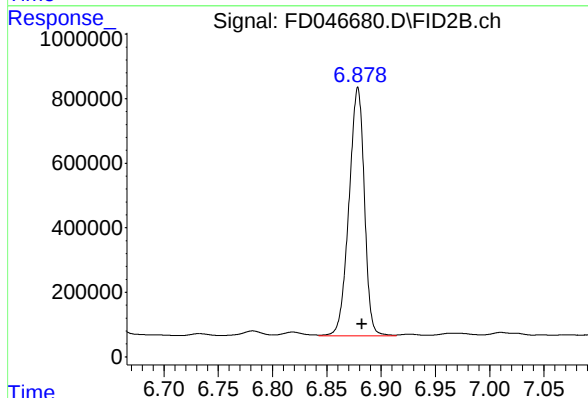
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 6097647
Conc: 33.01 ug/ml



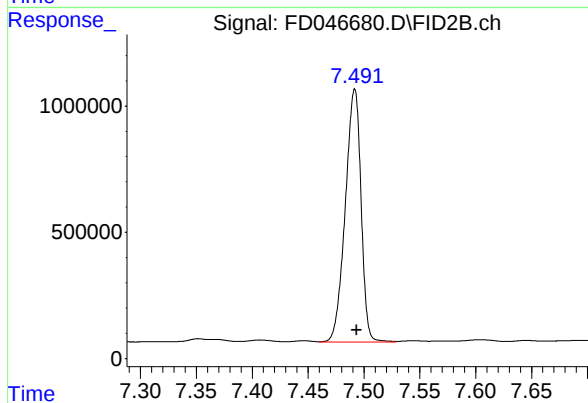
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 6981659
Conc: 36.13 ug/ml



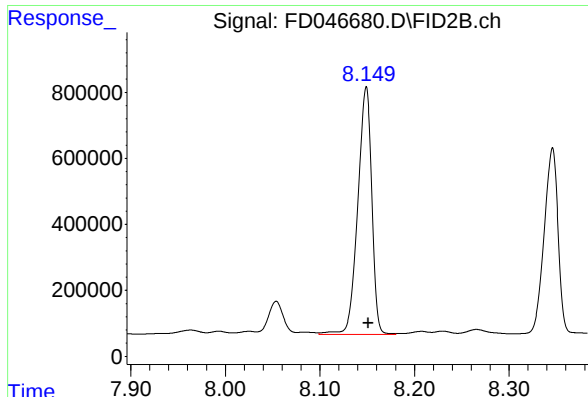
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 7604834
Conc: 39.24 ug/ml



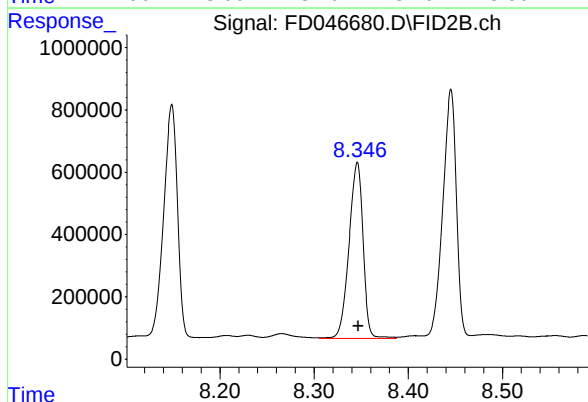
#4 2-Bromonaphthalene (SURR)

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 9827677
Conc: 55.77 ug/ml



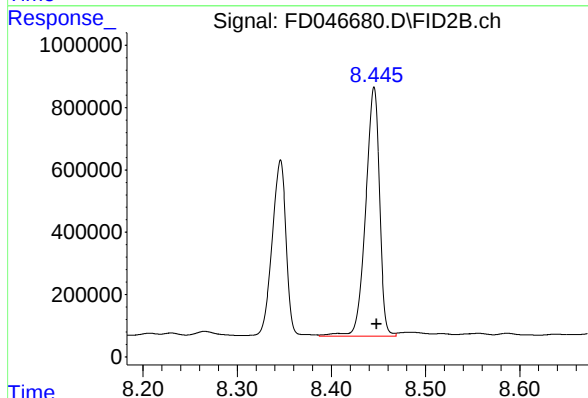
#5 Acenaphthylene (C15.06)

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 7762118
Conc: 44.02 ug/ml



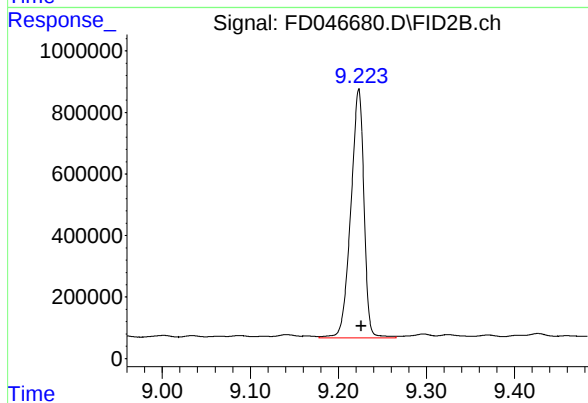
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 5857386
Conc: 50.56 ug/ml



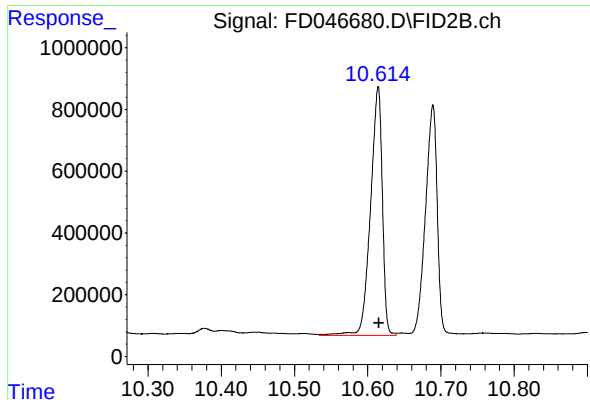
#7 Acenaphthene (C15.5)

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 8180876
Conc: 43.54 ug/ml



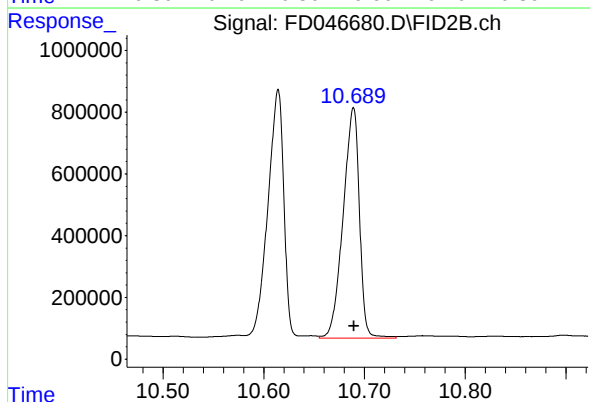
#8 Flouorene (C16.55)

R.T.: 9.223 min
Delta R.T.: -0.003 min
Response: 8412526
Conc: 46.64 ug/ml



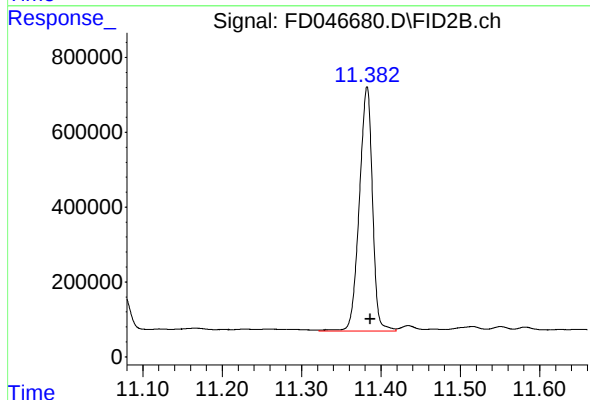
#9 Phenanthrene (C19.36)

R.T.: 10.614 min
Delta R.T.: -0.002 min
Response: 9024610
Conc: 51.33 ug/ml



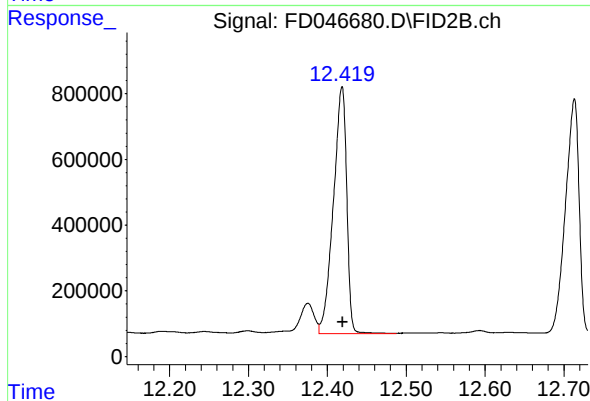
#10 Anthracene (C19.43)

R.T.: 10.689 min
Delta R.T.: -0.001 min
Response: 8383949
Conc: 54.58 ug/ml



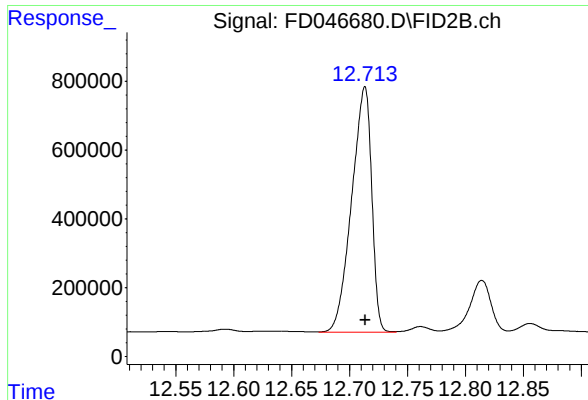
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 7513221
Conc: 36.88 ug/ml



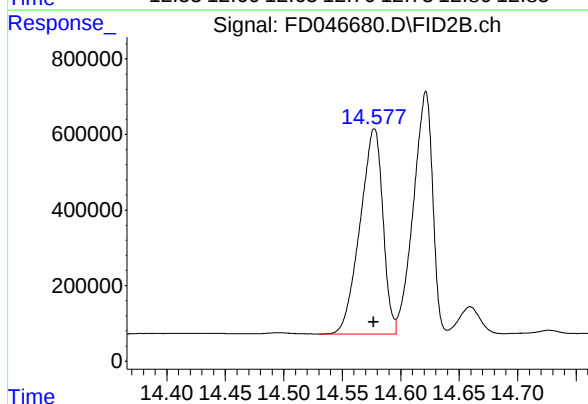
#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: -0.002 min
Response: 8861256
Conc: 51.99 ug/ml



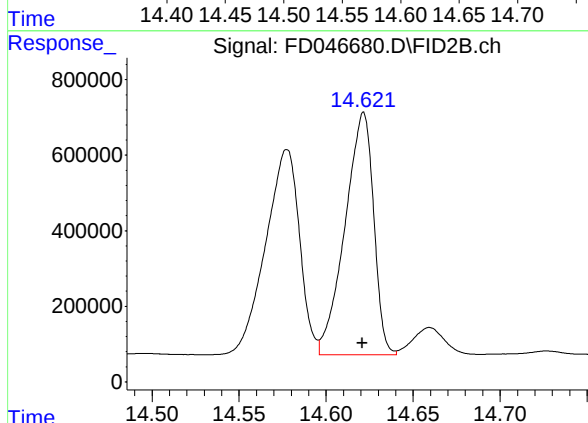
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.000 min
Response: 8585278
Conc: 52.33 ug/ml



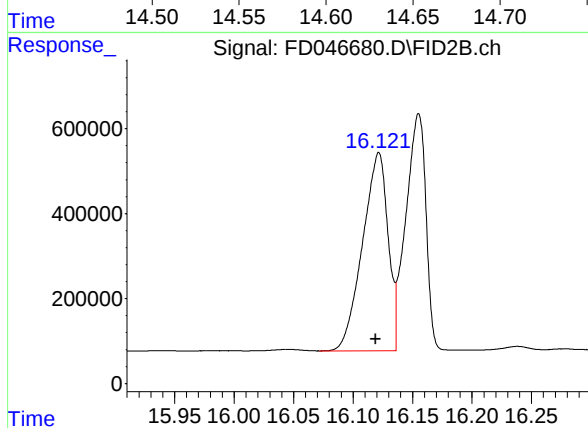
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 7383708
Conc: 52.88 ug/ml



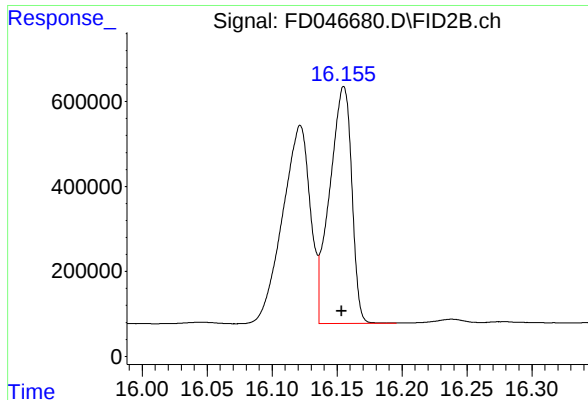
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.000 min
Response: 7336610
Conc: 48.33 ug/ml



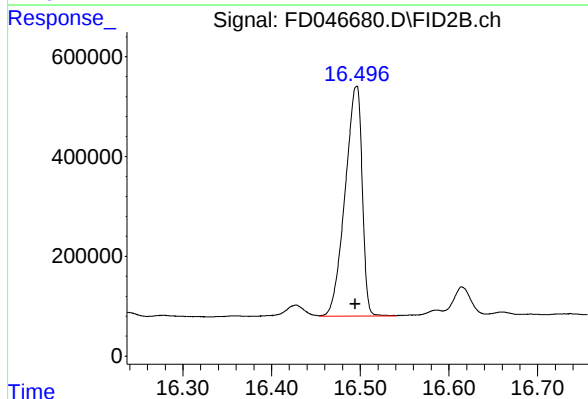
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.121 min
Delta R.T.: 0.002 min
Response: 6951005
Conc: 50.68 ug/ml



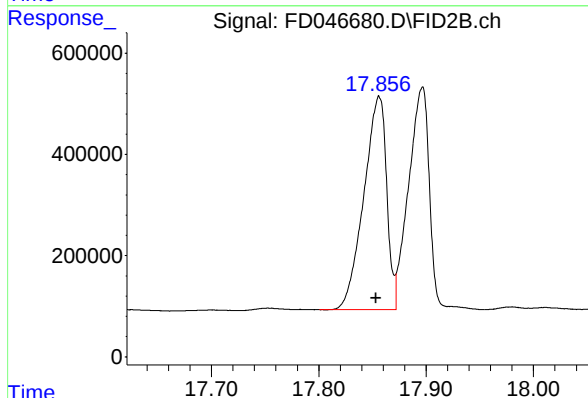
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.155 min
Delta R.T.: 0.000 min
Response: 6583510
Conc: 47.53 ug/ml



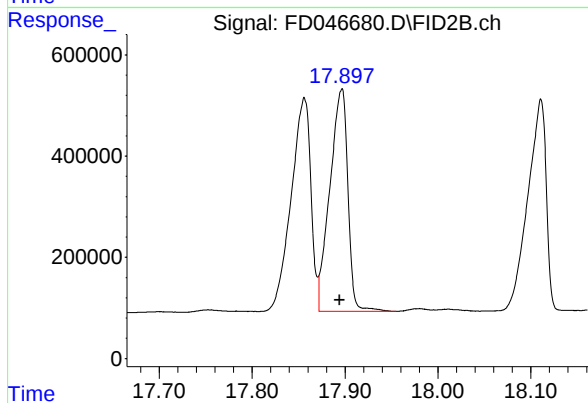
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: 0.000 min
Response: 6173902
Conc: 46.15 ug/ml



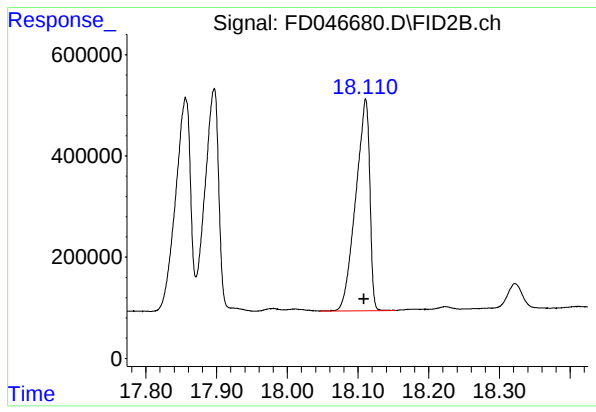
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: 0.002 min
Response: 6239861
Conc: 49.78 ug/ml



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

R.T.: 17.896 min
Delta R.T.: 0.002 min
Response: 5930652
Conc: 44.57 ug/ml



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

R.T.: 18.110 min
Delta R.T.: 0.002 min
Response: 5762894
Conc: 43.70 ug/ml