

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021023AR\
 Data File : FD045014.D
 Signal(s) : FID2B.ch
 Acq On : 11 Feb 2023 01:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 06:25:38 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...	7.558	2796824	19.070 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
6) S 2-Fluorobiphenyl (SURR)	8.415	1888574	18.921 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.84%
11) S ortho-Terphenyl (SURR)	11.455	3506752	18.868 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	3104057	19.445 ug/ml
2) T Naphthalene (C11.7)	5.898	3252858	19.199 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	3263407	19.022 ug/ml
5) T Acenaphthylene (C15.06)	8.219	2994823	19.058 ug/ml
7) T Acenaphthene (C15.5)	8.514	3155611	18.979 ug/ml
8) T Fluorene (C16.55)	9.293	3114596	18.976 ug/ml
9) T Phenanthrene (C19.36)	10.685	3075045	19.019 ug/ml
10) T Anthracene (C19.43)	10.759	2927872	19.750 ug/ml
12) T Fluoranthene (C21.85)	12.491	3043516	19.017 ug/ml
13) T Pyrene (C20.8)	12.786	2965256	18.897 ug/ml
14) T Benzo[a]anthracene (C...	14.652	2701267	18.927 ug/ml
15) T Chrysene (C27.41)	14.695	2803943	18.938 ug/ml
16) T benzo[b]fluoranthene ...	16.196	2772706	19.113 ug/ml
17) T Bnezo[k]fluoranthene ...	16.228	2753199	19.311 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	2726521	19.512 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	2639316	19.613 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	2643383	19.947 ug/ml
21) T Benzo[g,h,i]perylene ...	18.183	2920376	21.479 ug/ml

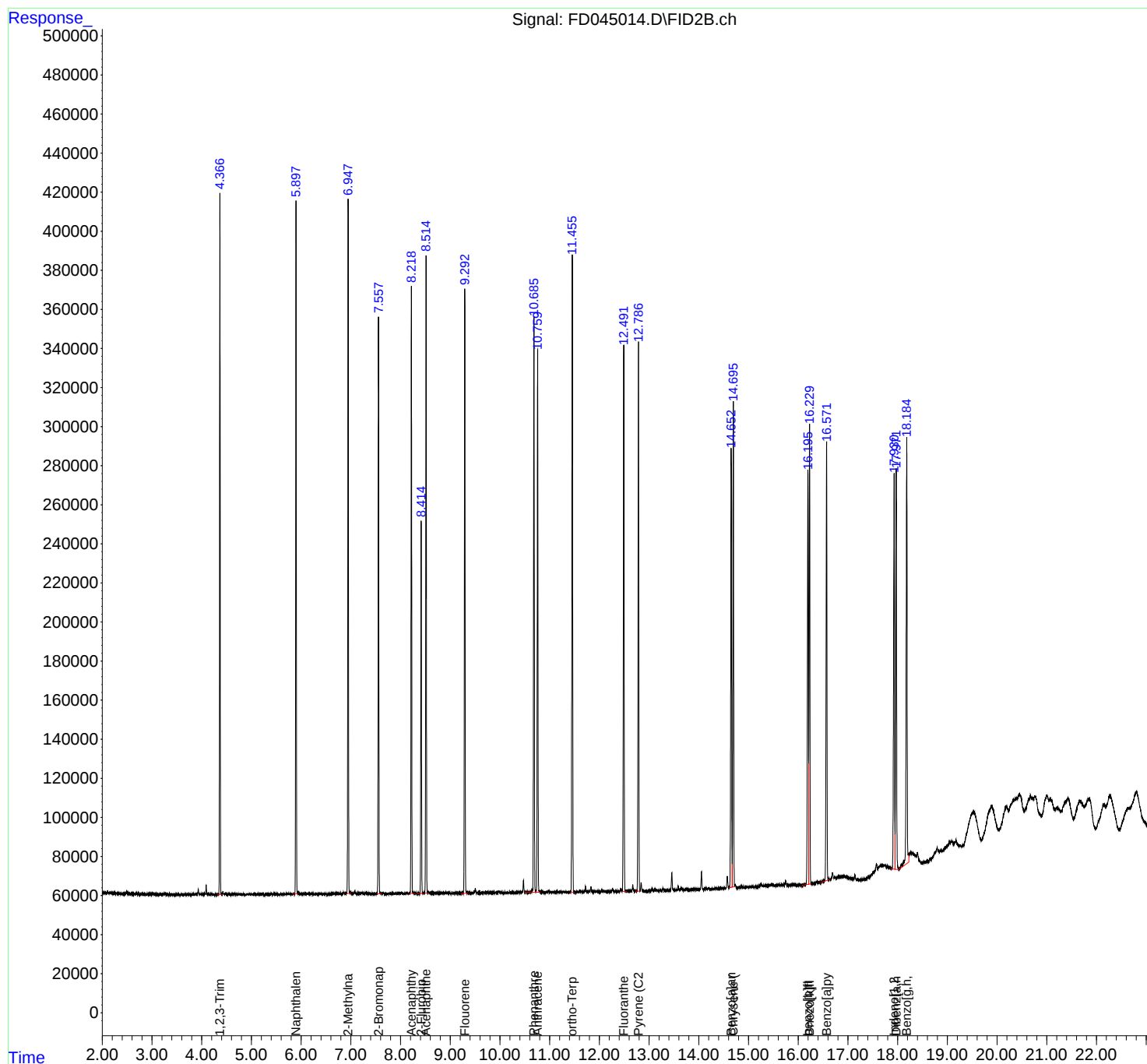
(f)=RT Delta > 1/2 Window

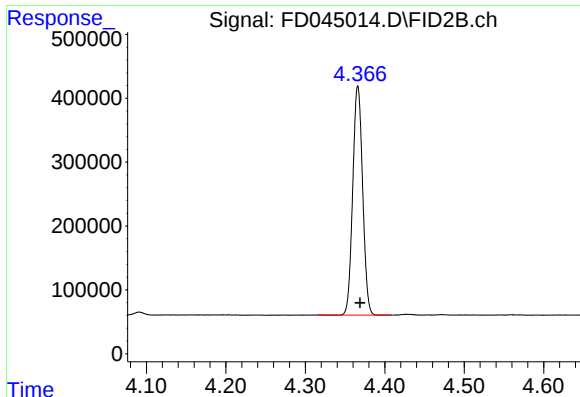
(m)=manual int.

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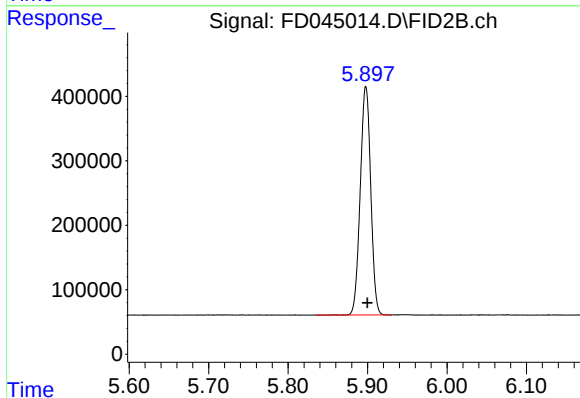
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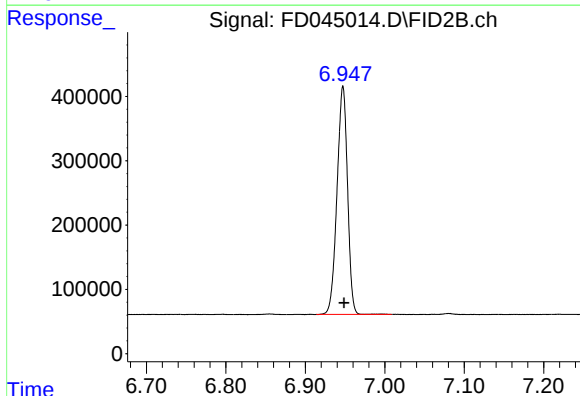
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 3104057
Conc: 19.45 ug/ml



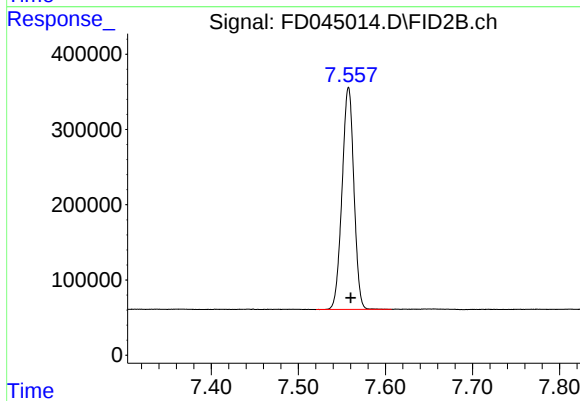
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 3252858
Conc: 19.20 ug/ml



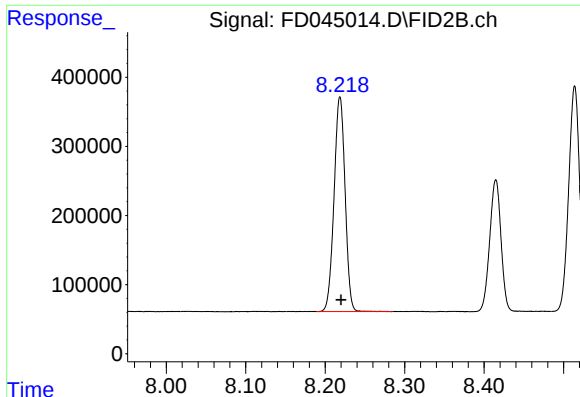
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 3263407
Conc: 19.02 ug/ml



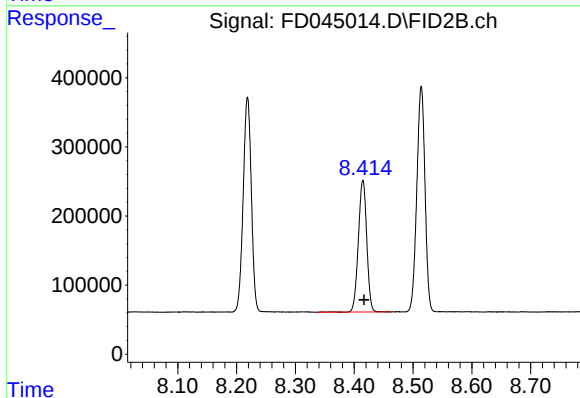
#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 2796824
Conc: 19.07 ug/ml



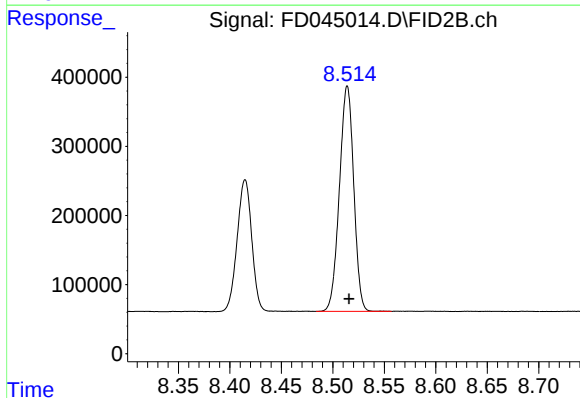
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 2994823
Conc: 19.06 ug/ml



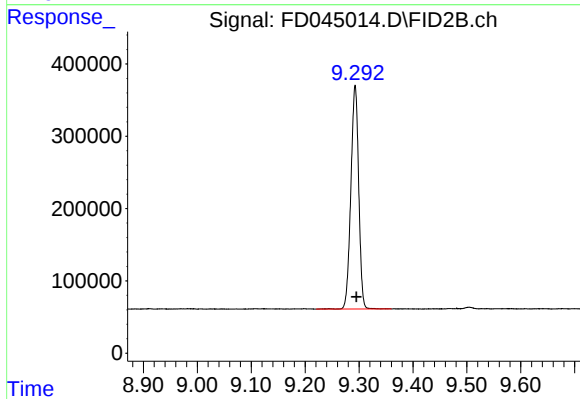
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 1888574
Conc: 18.92 ug/ml



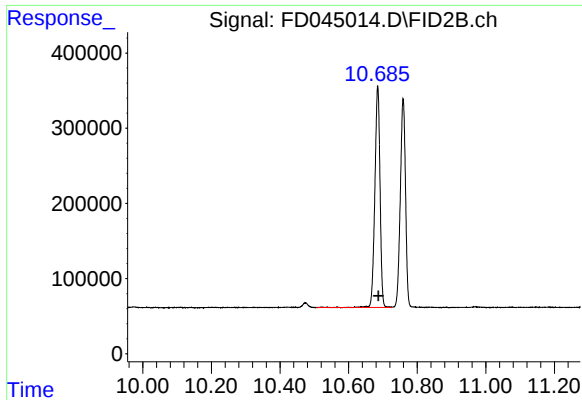
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 3155611
Conc: 18.98 ug/ml



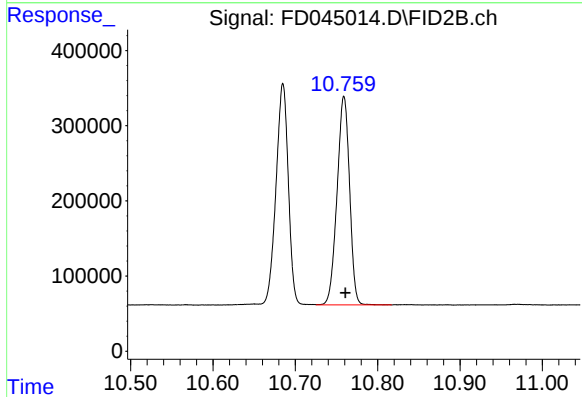
#8 Fluorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 3114596
Conc: 18.98 ug/ml



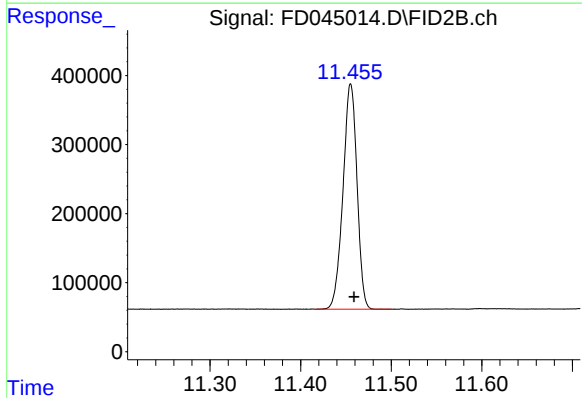
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 3075045
Conc: 19.02 ug/ml



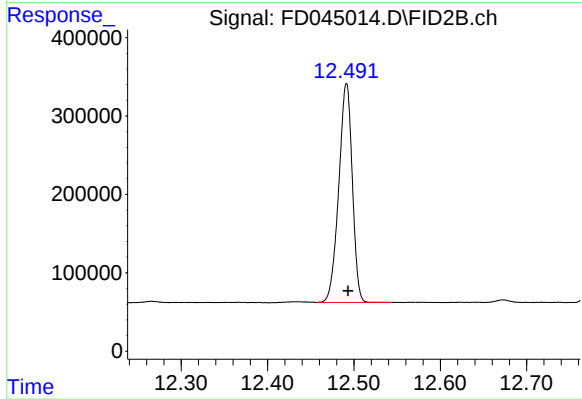
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: -0.002 min
Response: 2927872
Conc: 19.75 ug/ml



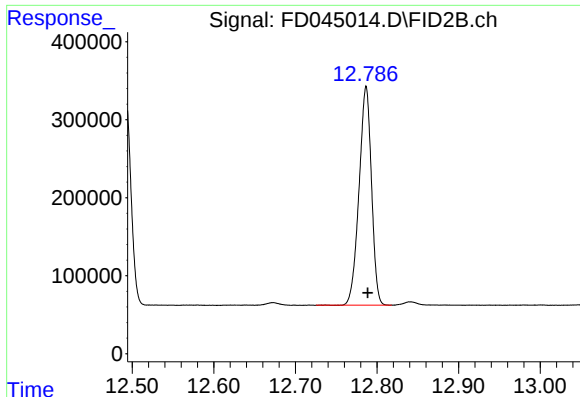
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 3506752
Conc: 18.87 ug/ml



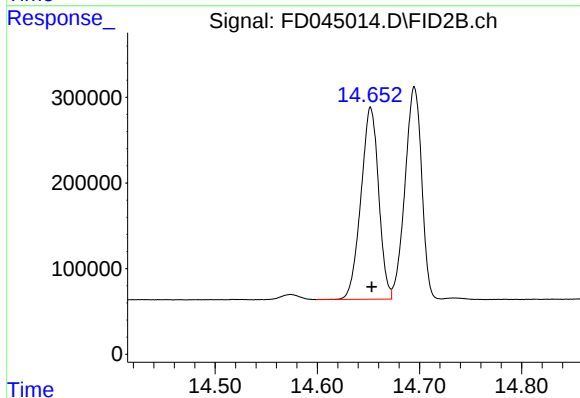
#12 Fluoranthene (C21.85)

R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 3043516
Conc: 19.02 ug/ml



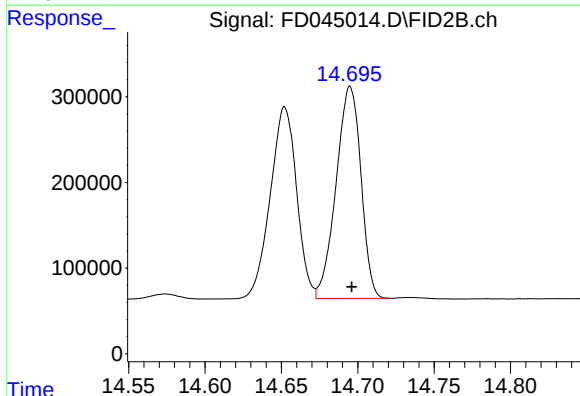
#13 Pyrene (C20.8)

R.T.: 12.786 min
Delta R.T.: -0.002 min
Response: 2965256
Conc: 18.90 ug/ml



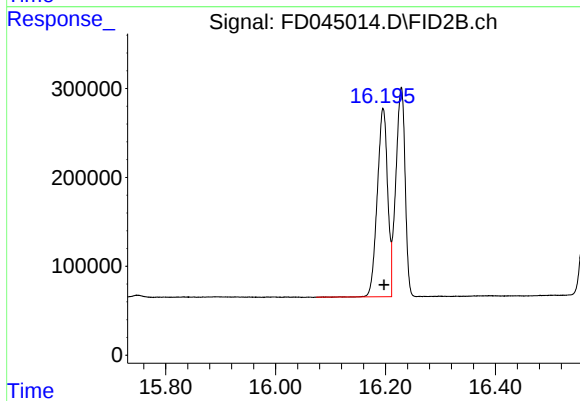
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: -0.001 min
Response: 2701267
Conc: 18.93 ug/ml



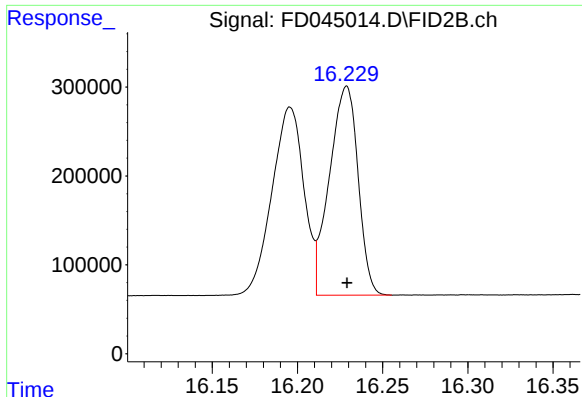
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: -0.001 min
Response: 2803943
Conc: 18.94 ug/ml



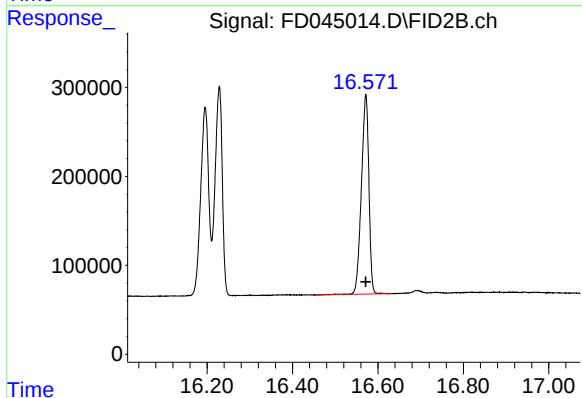
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.196 min
Delta R.T.: -0.001 min
Response: 2772706
Conc: 19.11 ug/ml



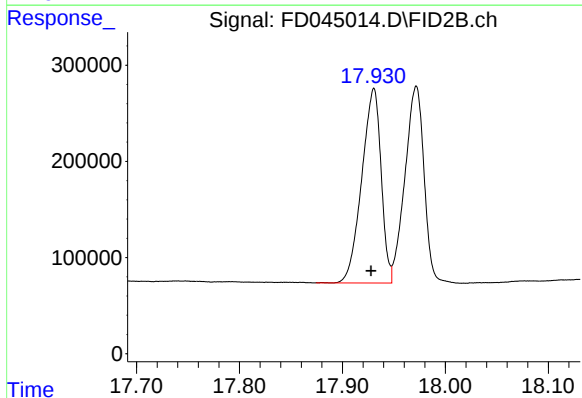
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.228 min
Delta R.T.: 0.000 min
Response: 2753199
Conc: 19.31 ug/ml



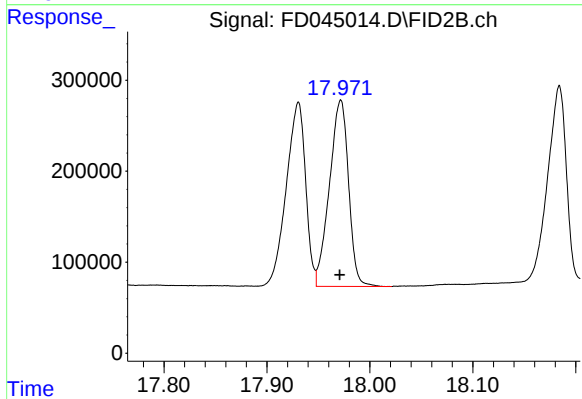
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.000 min
Response: 2726521
Conc: 19.51 ug/ml



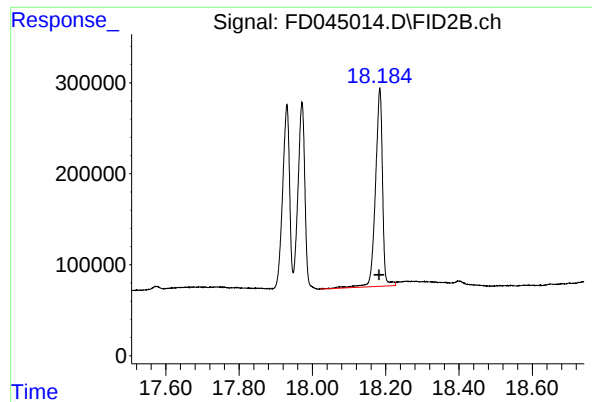
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.929 min
Delta R.T.: 0.001 min
Response: 2639316
Conc: 19.61 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.000 min
Response: 2643383
Conc: 19.95 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.000 min
Response: 2920376
Conc: 21.48 ug/ml