

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041024AR\
 Data File : FD047519.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2024 17:36
 Operator : YP/AJ
 Sample : PB160150BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 04:03:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 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...	7.458	8276929	55.364 ug/ml
Spiked Amount 50.000		Recovery =	110.73%
6) S 2-Fluorobiphenyl (SURR)	8.310	5312117	54.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.73%
11) S ortho-Terphenyl (SURR)	11.346	7405221	43.198 ug/ml
Spiked Amount 50.000		Recovery =	86.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	5941835	37.603 ug/ml
2) T Naphthalene (C11.7)	5.797	6737902	41.175 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	6817670	41.449 ug/ml
5) T Acenaphthylene (C15.06)	8.114	7076453	46.883 ug/ml
7) T Acenaphthene (C15.5)	8.409	7043441	43.977 ug/ml
8) T Flouorene (C16.55)	9.187	7237615	46.785 ug/ml
9) T Phenanthrene (C19.36)	10.575	7351277	49.410 ug/ml
10) T Anthracene (C19.43)	10.651	7275037	53.490 ug/ml
12) T Fluoranthene (C21.85)	12.380	7390457	49.993 ug/ml
13) T Pyrene (C20.8)	12.674	7446158	51.595 ug/ml
14) T Benzo[a]anthracene (C...	14.540	6957472	52.903 ug/ml
15) T Chrysene (C27.41)	14.582	6944016	49.245 ug/ml
16) T benzo[b]fluoranthene ...	16.083	6914172	49.559 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	6903611	49.635 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	6728372	49.004 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	7087430	52.542 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	6617161	49.236 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	6483712	46.716 ug/ml

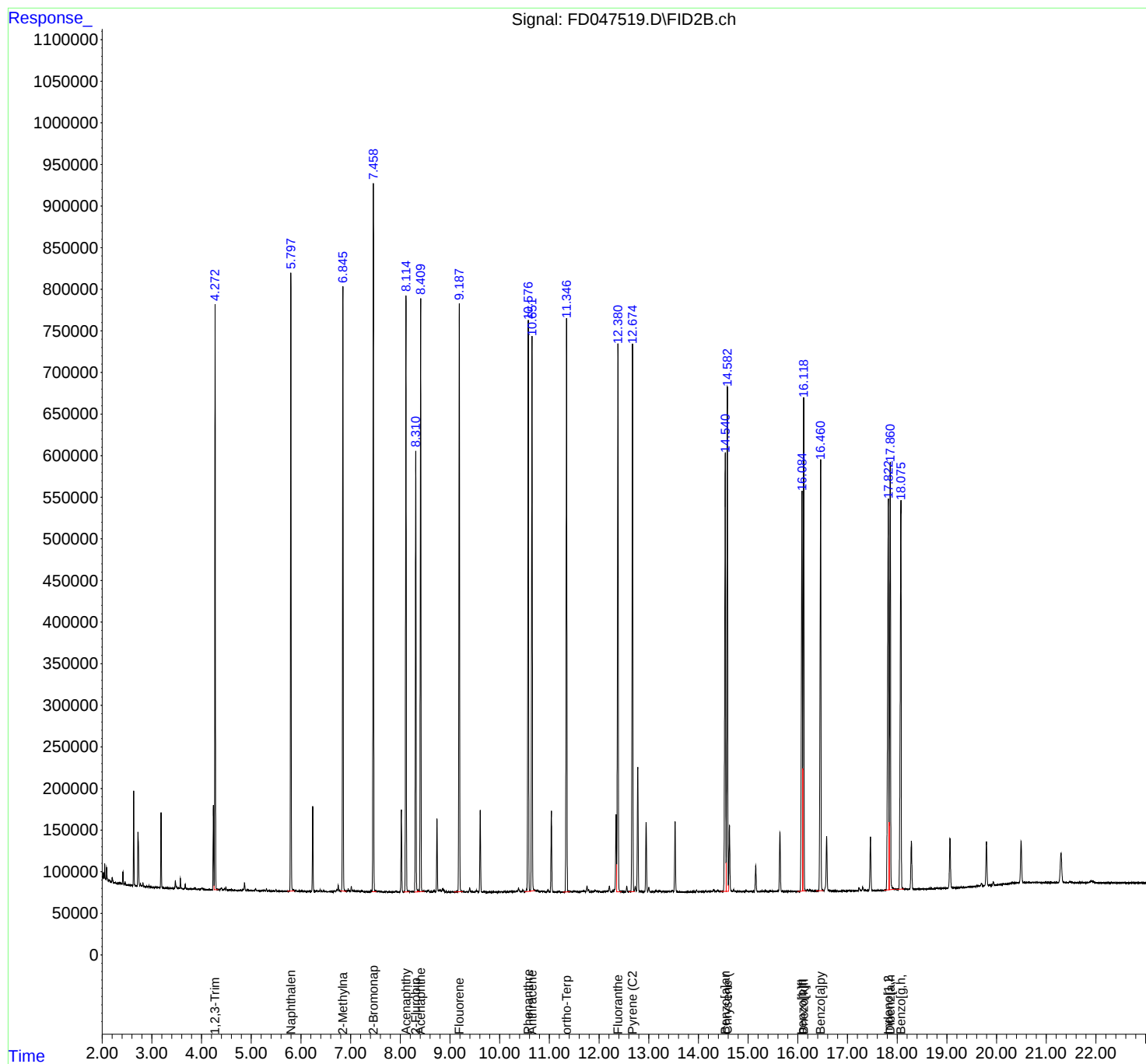
(f)=RT Delta > 1/2 Window

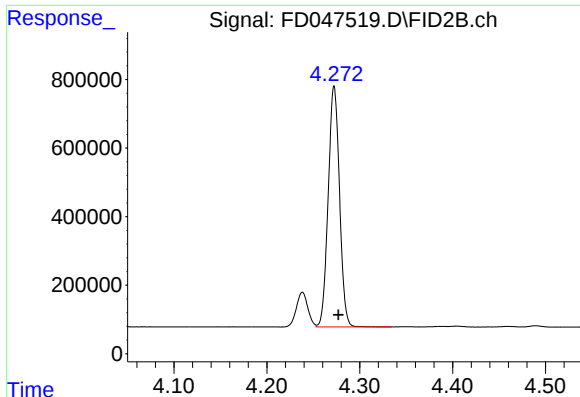
(m)=manual int.

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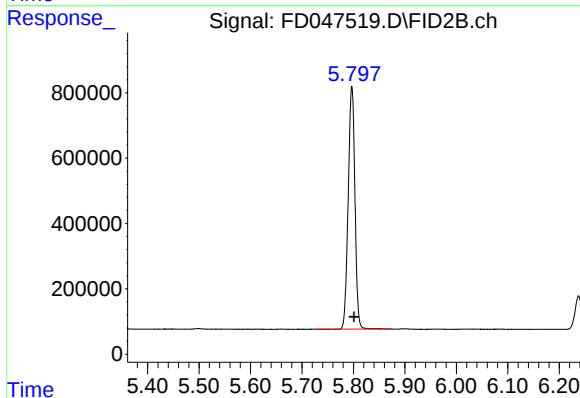
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





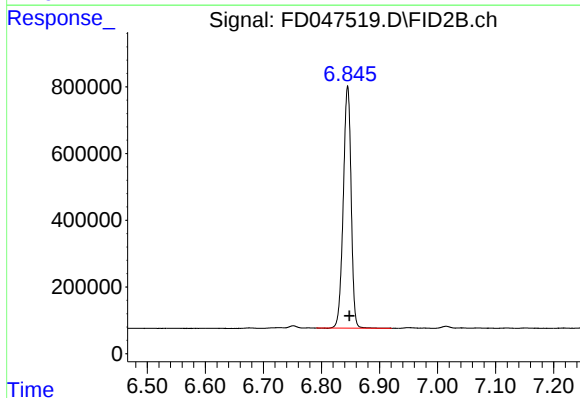
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min
Delta R.T.: -0.004 min
Response: 5941835
Conc: 37.60 ug/ml



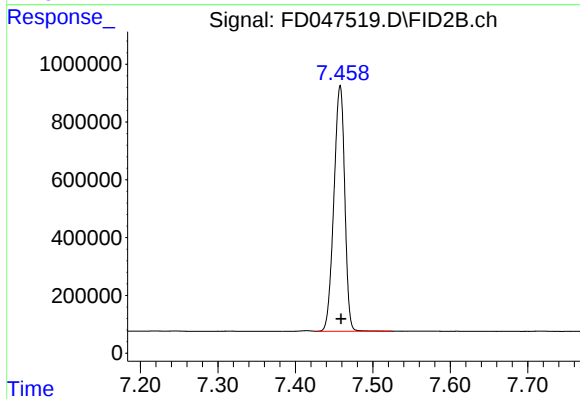
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 6737902
Conc: 41.17 ug/ml



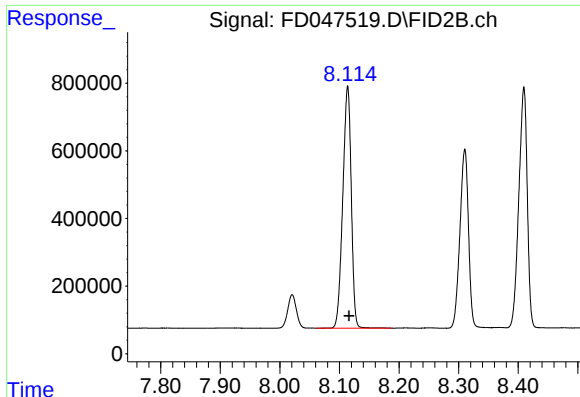
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 6817670
Conc: 41.45 ug/ml



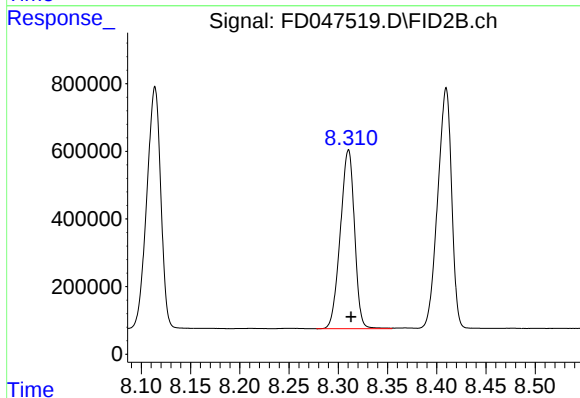
#4 2-Bromonaphthalene (SURR)

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 8276929
Conc: 55.36 ug/ml



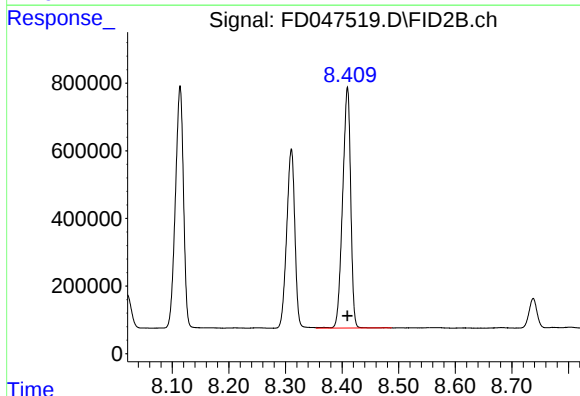
#5 Acenaphthylene (C15.06)

R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 7076453
Conc: 46.88 ug/ml



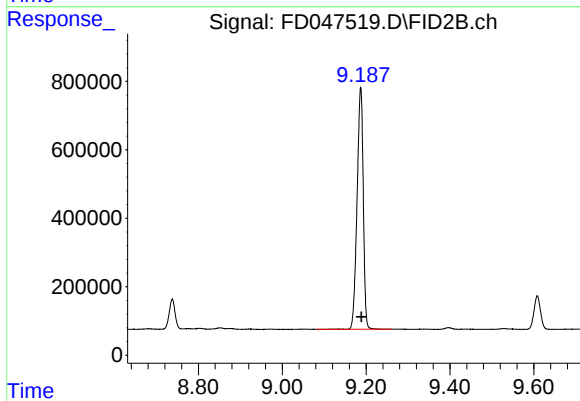
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.003 min
Response: 5312117
Conc: 54.37 ug/ml



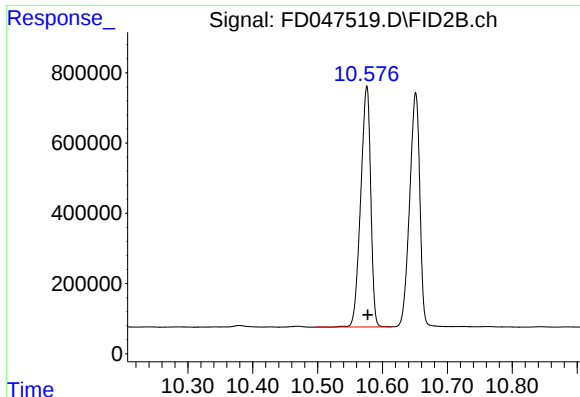
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 7043441
Conc: 43.98 ug/ml



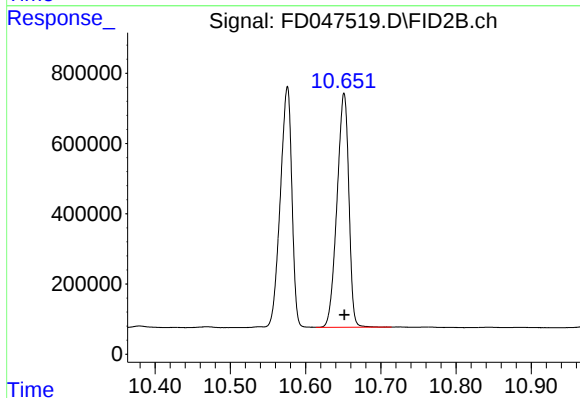
#8 Fluorene (C16.55)

R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 7237615
Conc: 46.78 ug/ml



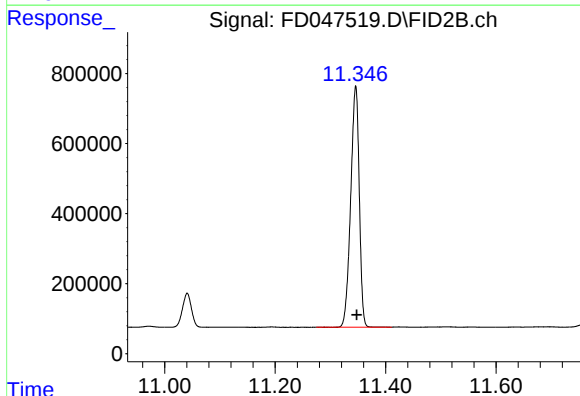
#9 Phenanthrene (C19.36)

R.T.: 10.575 min
Delta R.T.: -0.002 min
Response: 7351277
Conc: 49.41 ug/ml



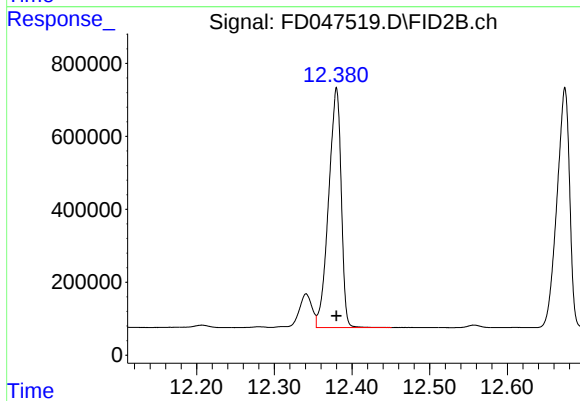
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: 0.000 min
Response: 7275037
Conc: 53.49 ug/ml



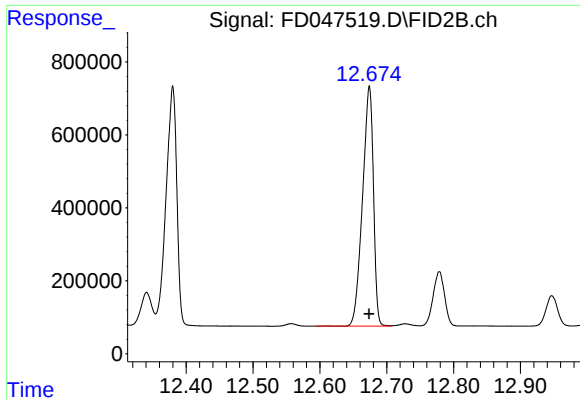
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.002 min
Response: 7405221
Conc: 43.20 ug/ml



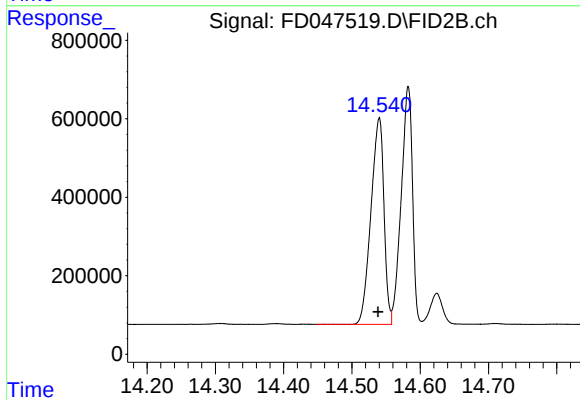
#12 Fluoranthene (C21.85)

R.T.: 12.380 min
Delta R.T.: 0.000 min
Response: 7390457
Conc: 49.99 ug/ml



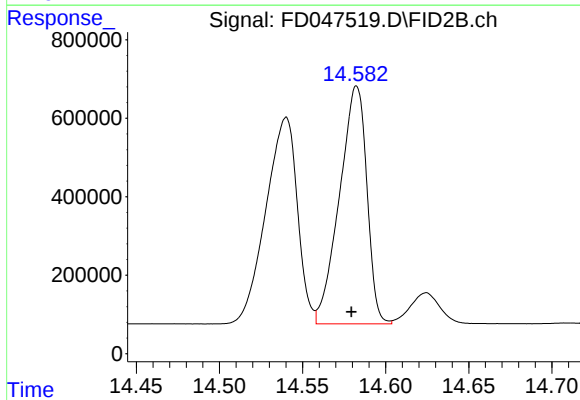
#13 Pyrene (C20.8)

R.T.: 12.674 min
Delta R.T.: 0.000 min
Response: 7446158
Conc: 51.59 ug/ml



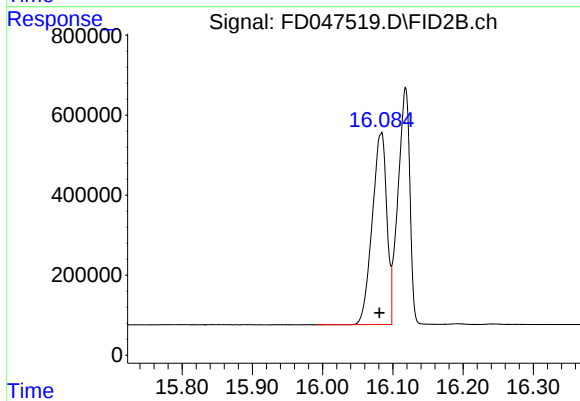
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: 0.001 min
Response: 6957472
Conc: 52.90 ug/ml



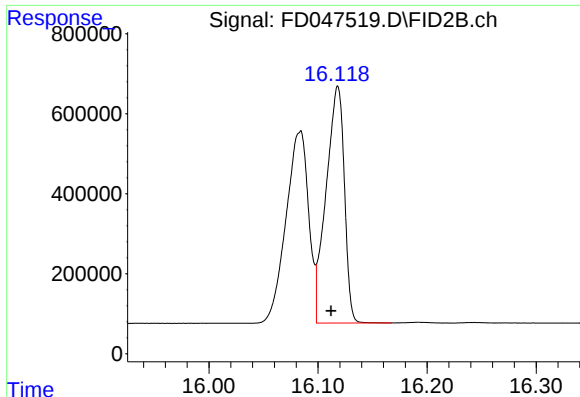
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: 0.003 min
Response: 6944016
Conc: 49.24 ug/ml



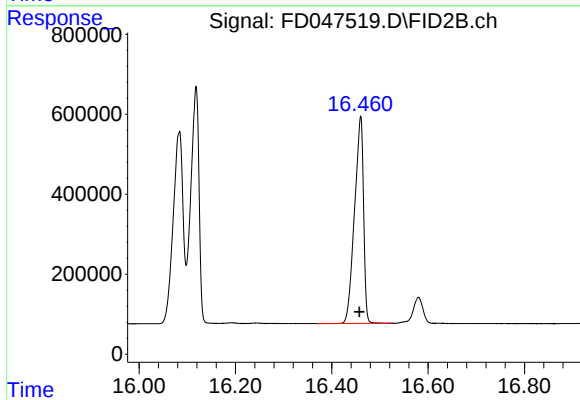
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.083 min
Delta R.T.: 0.002 min
Response: 6914172
Conc: 49.56 ug/ml



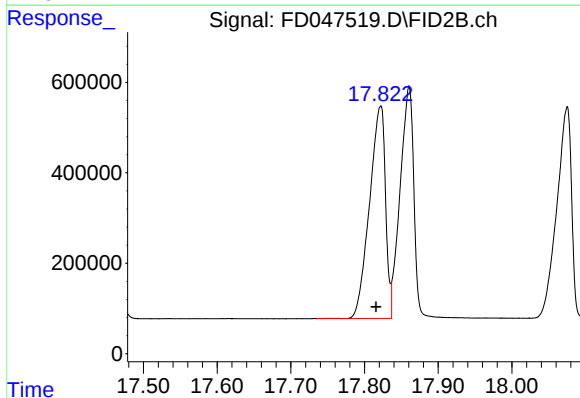
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.006 min
Response: 6903611
Conc: 49.63 ug/ml



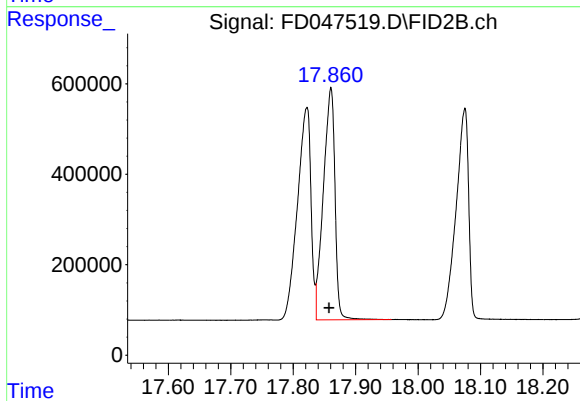
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.002 min
Response: 6728372
Conc: 49.00 ug/ml



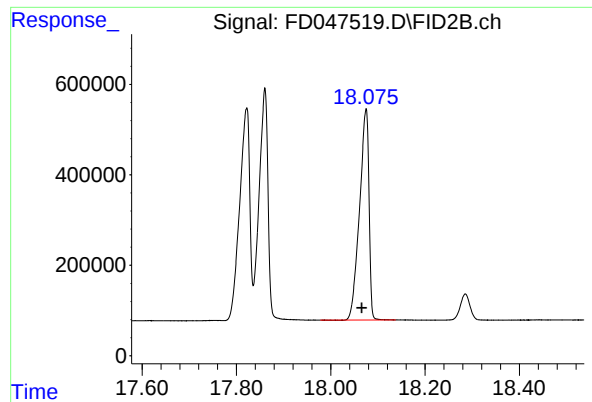
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.005 min
Response: 7087430
Conc: 52.54 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 6617161
Conc: 49.24 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.008 min
Response: 6483712
Conc: 46.72 ug/ml