

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020124AR\
 Data File : FD047150.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2024 17:13
 Operator : YP/AJ
 Sample : P1187-07
 Misc : LOD 2.5 PPM
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 06:40:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.471	8649401	56.232 ug/ml
Spiked Amount 50.000		Recovery =	112.46%
6) S 2-Fluorobiphenyl (SURR)	8.324	5299505	51.874 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.75%
11) S ortho-Terphenyl (SURR)	11.363	8936280	50.156 ug/ml
Spiked Amount 50.000		Recovery =	100.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	413821	2.656 ug/ml
2) T Naphthalene (C11.7)	5.810	467857	2.793 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	498682	2.942 ug/ml
5) T Acenaphthylene (C15.06)	8.125	499411	3.222 ug/ml
7) T Acenaphthene (C15.5)	8.419	501308	3.036 ug/ml
8) T Fluorene (C16.55)	9.198	503960	3.158 ug/ml
9) T Phenanthrene (C19.36)	10.586	477936	3.019 ug/ml
10) T Anthracene (C19.43)	10.661	473104	3.086 ug/ml
12) T Fluoranthene (C21.85)	12.388	521759	3.270 ug/ml
13) T Pyrene (C20.8)	12.682	520014	3.364 ug/ml
14) T Benzo[a]anthracene (C...	14.546	452053	3.220 ug/ml
15) T Chrysene (C27.41)	14.586	502545	3.245 ug/ml
16) T benzo[b]fluoranthene ...	16.086	449060	3.096 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	489337	3.319 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	446125	3.121 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	361058	2.802 ug/ml
20) T Dibenz[a,h]anthracene...	17.865	459734	3.243 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	414692	3.022 ug/ml

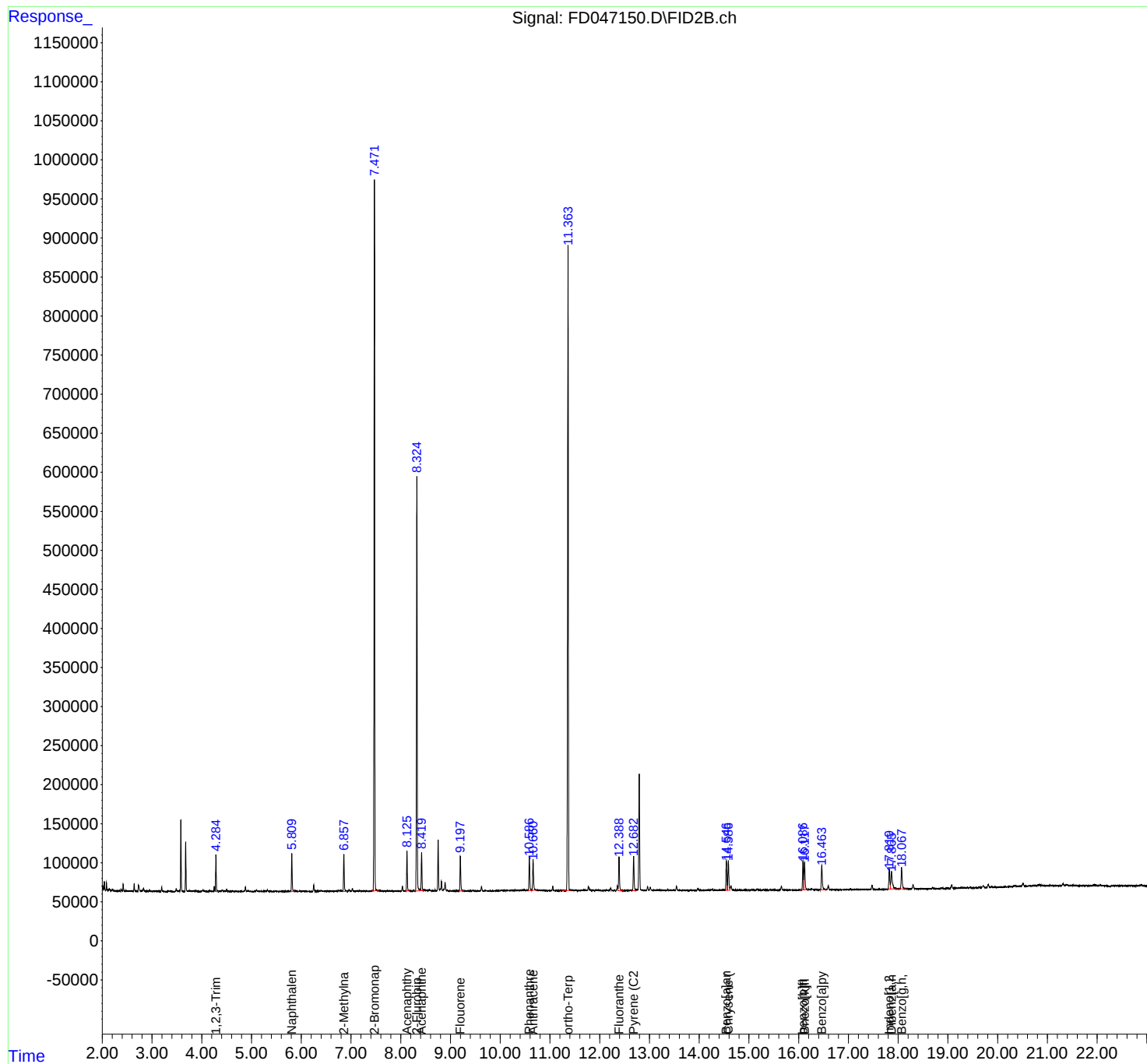
(f)=RT Delta > 1/2 Window

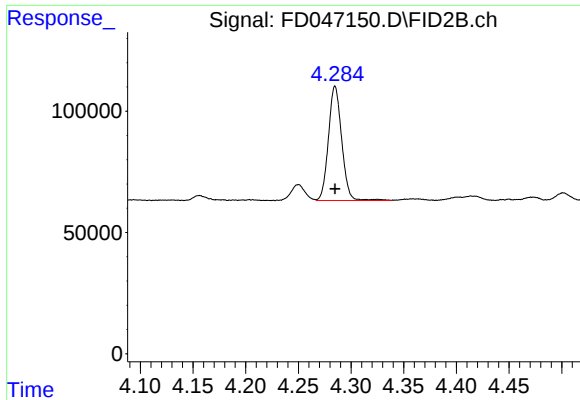
(m)=manual int.

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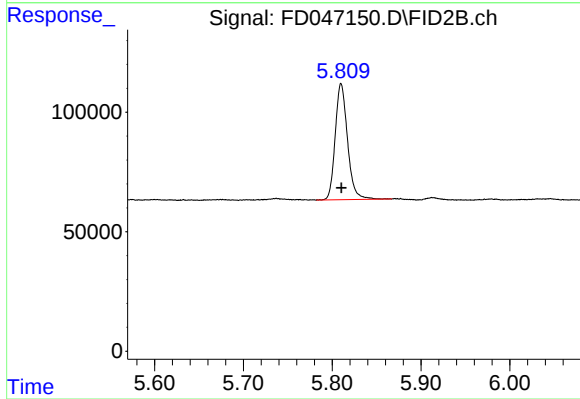
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





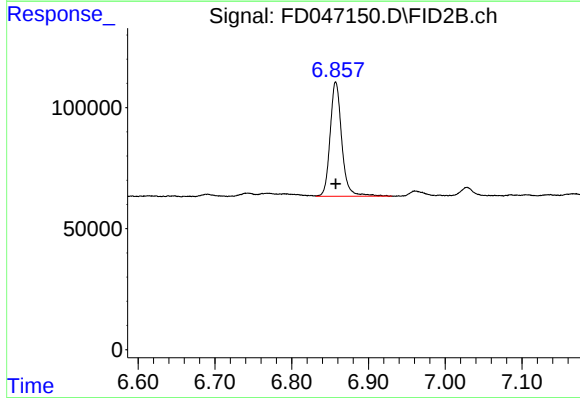
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 413821
Conc: 2.66 ug/ml



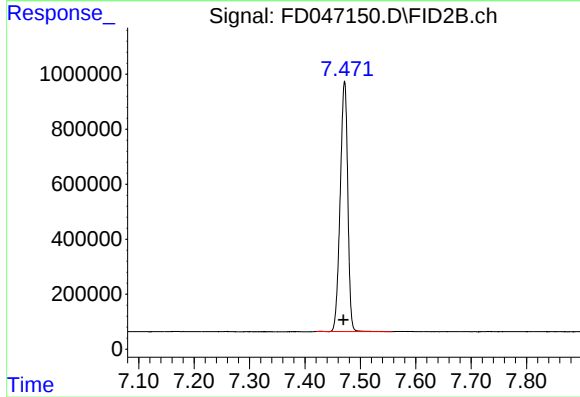
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 467857
Conc: 2.79 ug/ml



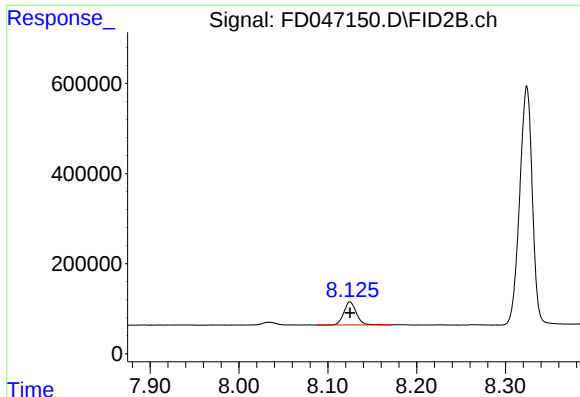
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 498682
Conc: 2.94 ug/ml



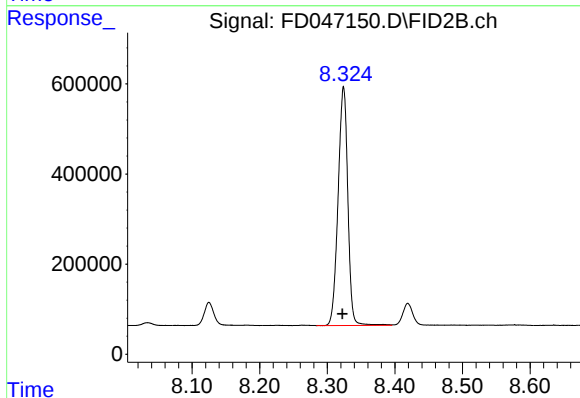
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 8649401
Conc: 56.23 ug/ml



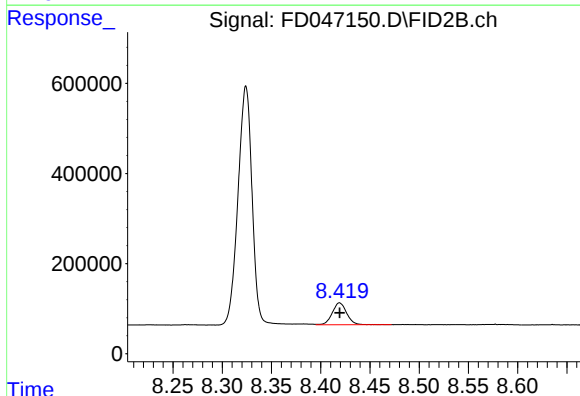
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 499411
Conc: 3.22 ug/ml



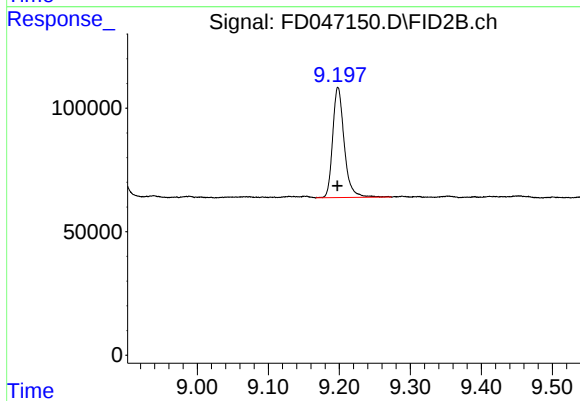
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 5299505
Conc: 51.87 ug/ml



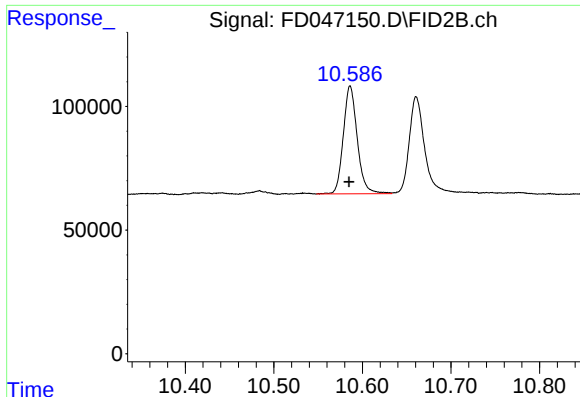
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 501308
Conc: 3.04 ug/ml



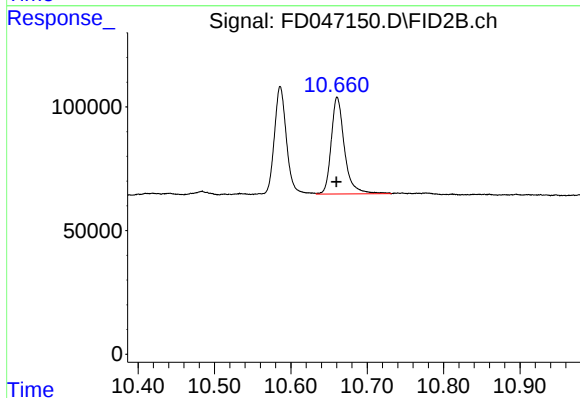
#8 Fluorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 503960
Conc: 3.16 ug/ml



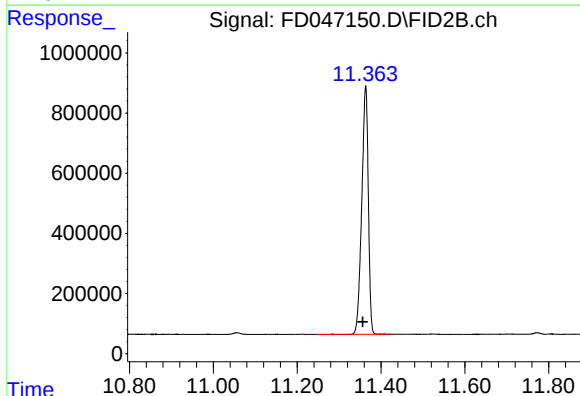
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.001 min
Response: 477936
Conc: 3.02 ug/ml



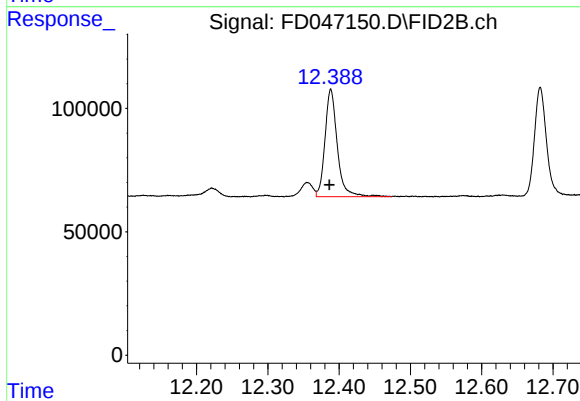
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.002 min
Response: 473104
Conc: 3.09 ug/ml



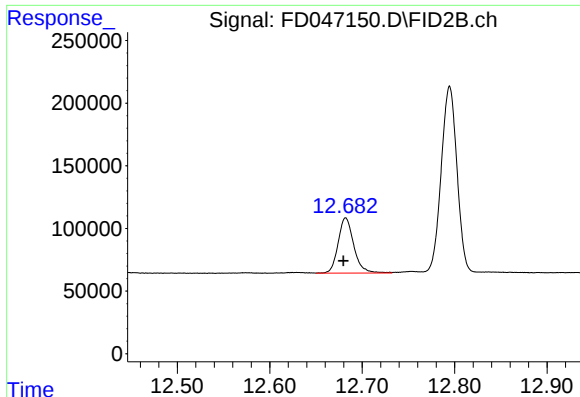
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: 0.007 min
Response: 8936280
Conc: 50.16 ug/ml



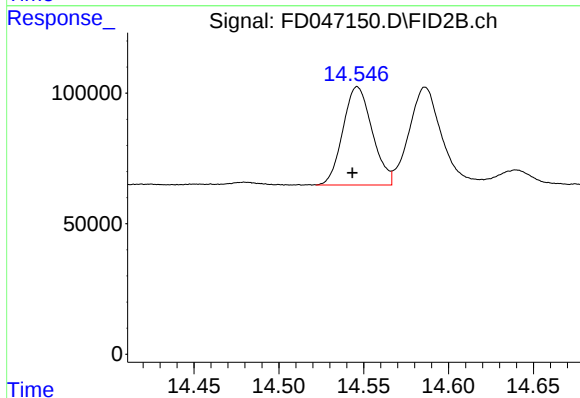
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 521759
Conc: 3.27 ug/ml



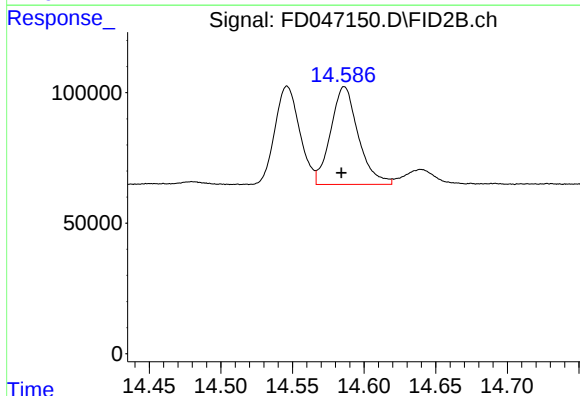
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.003 min
Response: 520014
Conc: 3.36 ug/ml



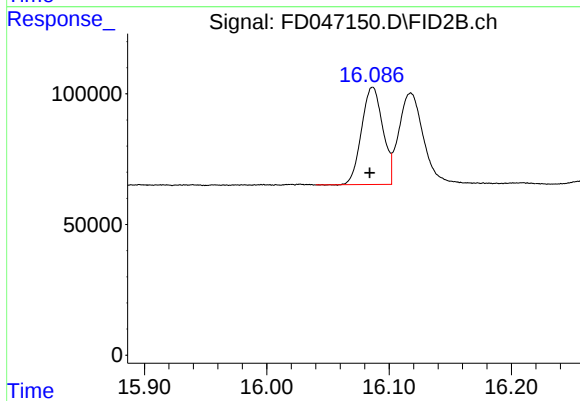
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.003 min
Response: 452053
Conc: 3.22 ug/ml



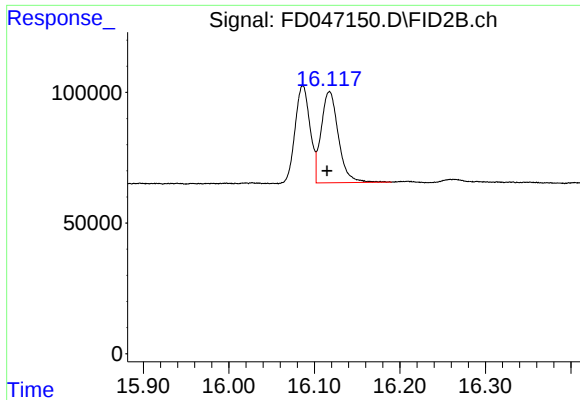
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.002 min
Response: 502545
Conc: 3.24 ug/ml



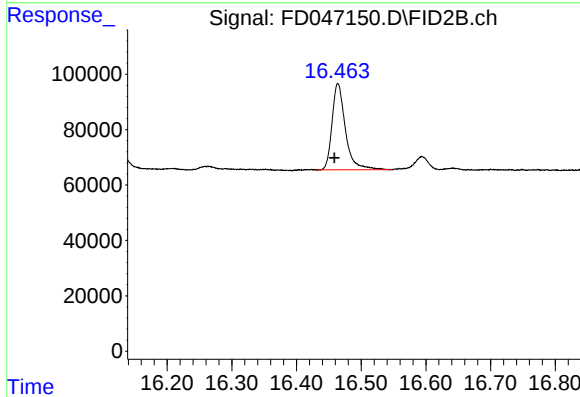
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.002 min
Response: 449060
Conc: 3.10 ug/ml



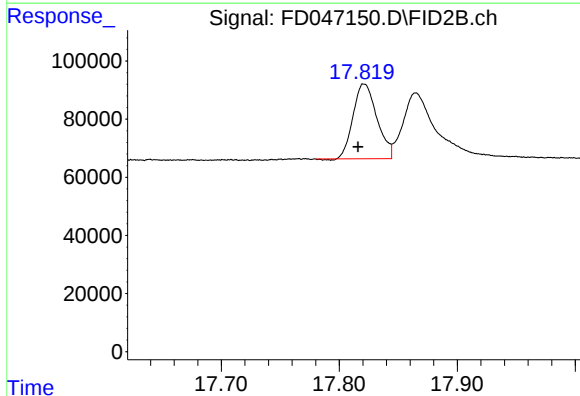
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.003 min
Response: 489337
Conc: 3.32 ug/ml



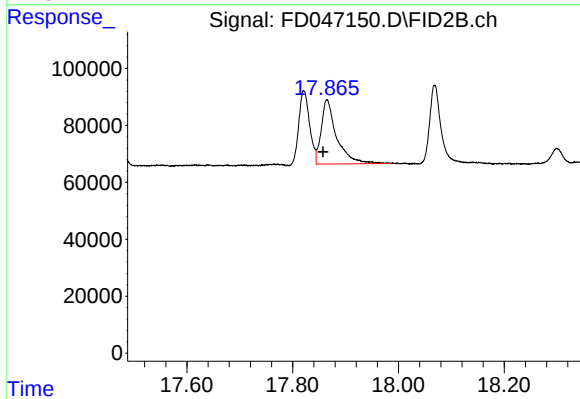
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.005 min
Response: 446125
Conc: 3.12 ug/ml



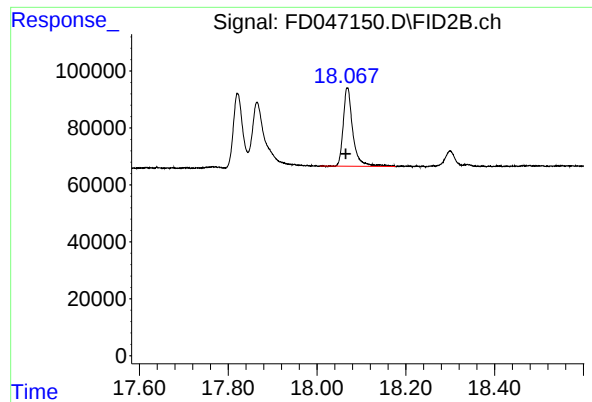
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.005 min
Response: 361058
Conc: 2.80 ug/ml



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

R.T.: 17.865 min
Delta R.T.: 0.008 min
Response: 459734
Conc: 3.24 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.004 min
Response: 414692
Conc: 3.02 ug/ml