

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122923AR\
 Data File : FD047107.D
 Signal(s) : FID2B.ch
 Acq On : 29 Dec 2023 20:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 23:39:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.470	3401692	20.519 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
6) S 2-Fluorobiphenyl (SURR)	8.323	2111637	20.264 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.53%
11) S ortho-Terphenyl (SURR)	11.361	3957161	20.491 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	3705097	20.536 ug/ml
2) T Naphthalene (C11.7)	5.810	3774265	20.505 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3758827	20.479 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3387095	20.192 ug/ml
7) T Acenaphthene (C15.5)	8.421	3670488	20.408 ug/ml
8) T Fluorene (C16.55)	9.200	3382209	20.406 ug/ml
9) T Phenanthrene (C19.36)	10.588	3167306	20.305 ug/ml
10) T Anthracene (C19.43)	10.662	2633591	18.182 ug/ml
12) T Fluoranthene (C21.85)	12.391	3097037	20.459 ug/ml
13) T Pyrene (C20.8)	12.684	2982866	20.339 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2429587	19.743 ug/ml
15) T Chrysene (C27.41)	14.591	2725732	19.418 ug/ml
16) T benzo[b]fluoranthene ...	16.091	2570464	19.955 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	2734400	20.558 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	2445559	19.245 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	2119354	19.117 ug/mlm
20) T Dibenz[a,h]anthracene...	17.864	2346075	18.361 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.073	2383284	18.603 ug/ml

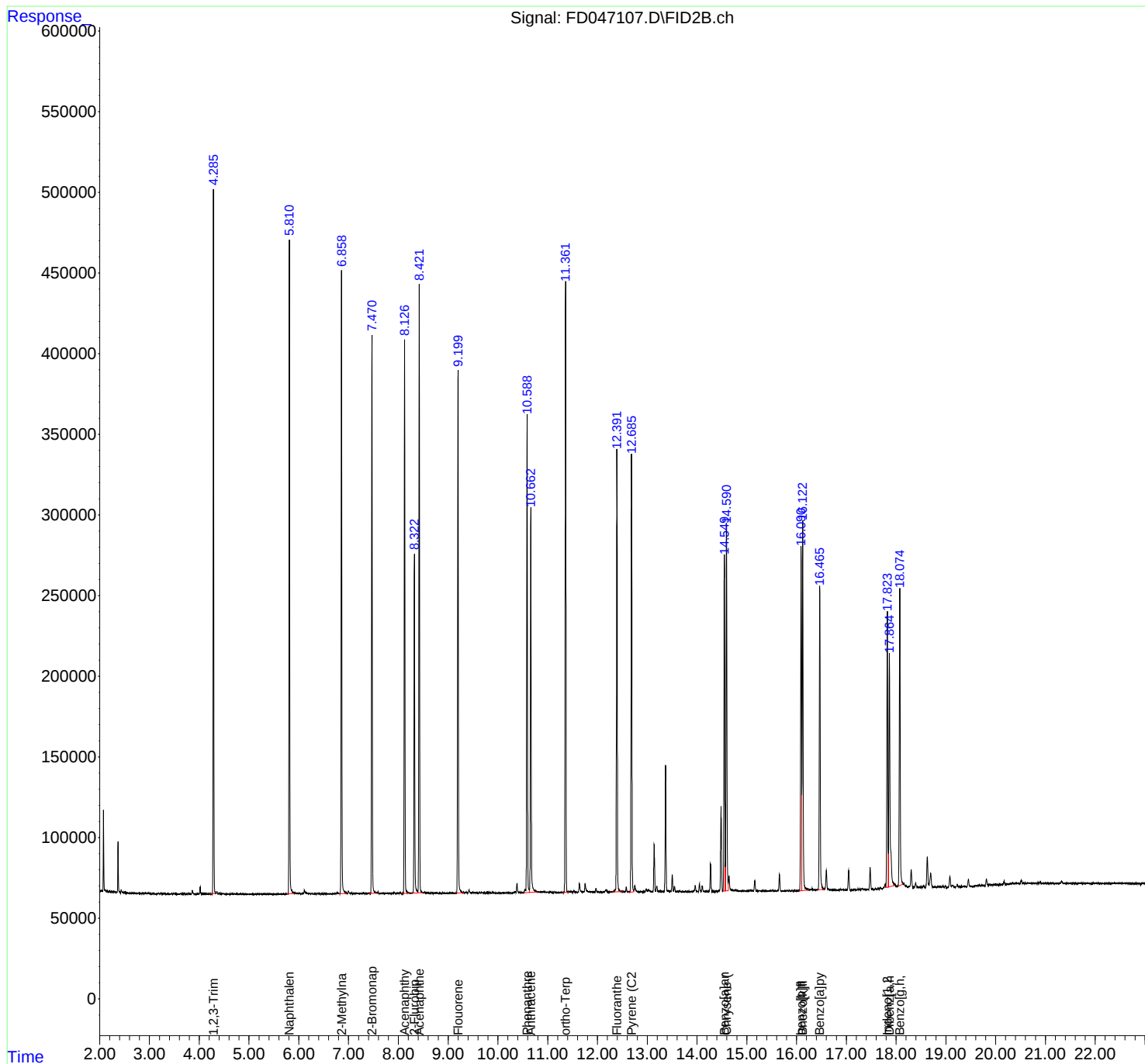
(f)=RT Delta > 1/2 Window

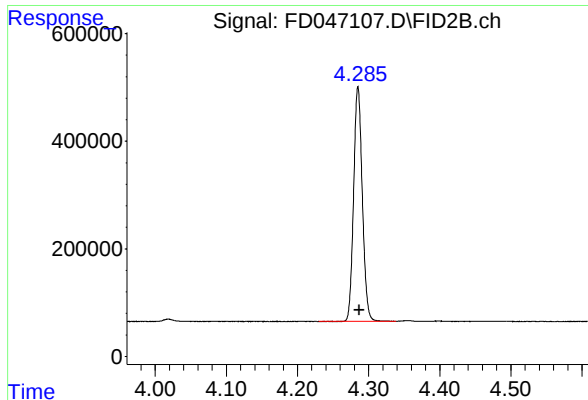
(m)=manual int.

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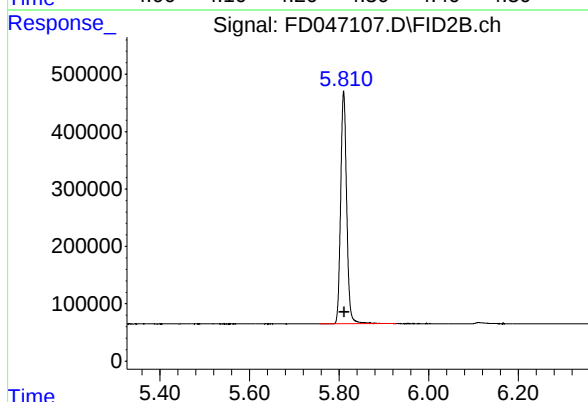
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Signal Info : 20M x 0.18mm x 0.18µm





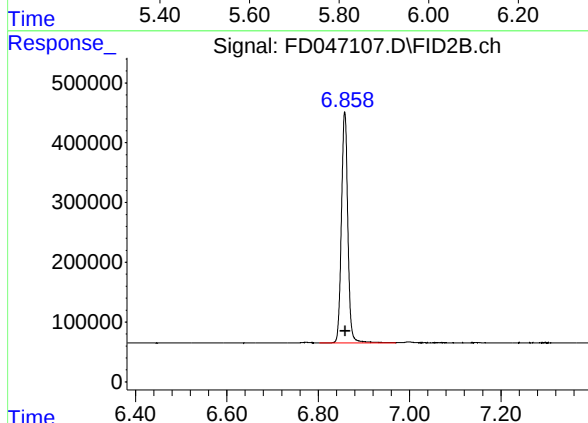
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: -0.002 min
Response: 3705097
Conc: 20.54 ug/ml



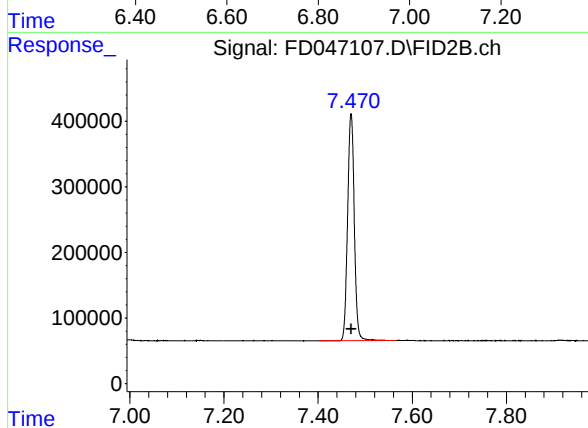
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 3774265
Conc: 20.50 ug/ml



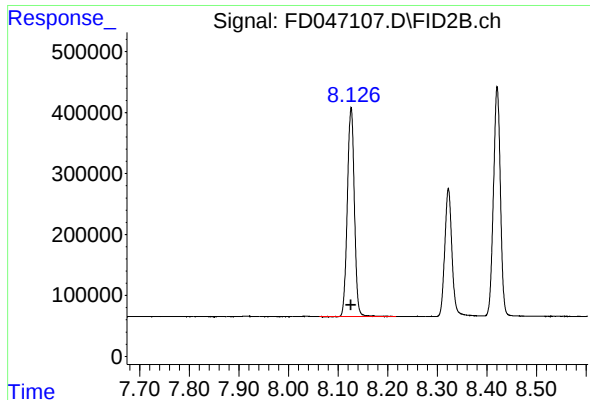
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3758827
Conc: 20.48 ug/ml



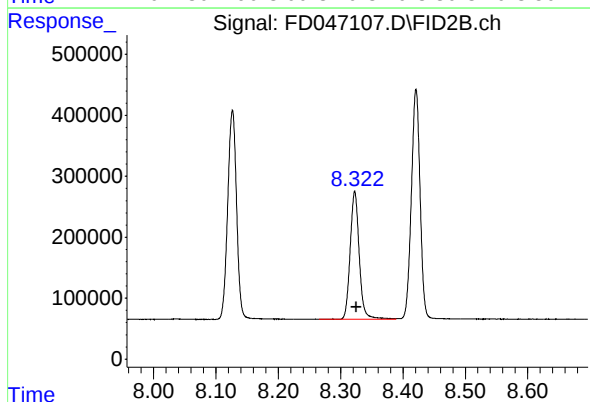
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3401692
Conc: 20.52 ug/ml



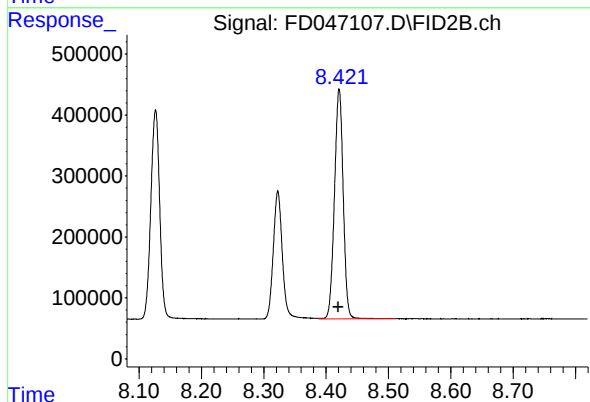
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 3387095
Conc: 20.19 ug/ml



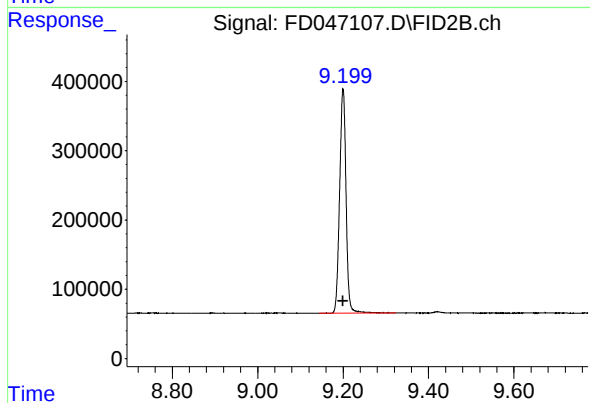
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: -0.002 min
Response: 2111637
Conc: 20.26 ug/ml



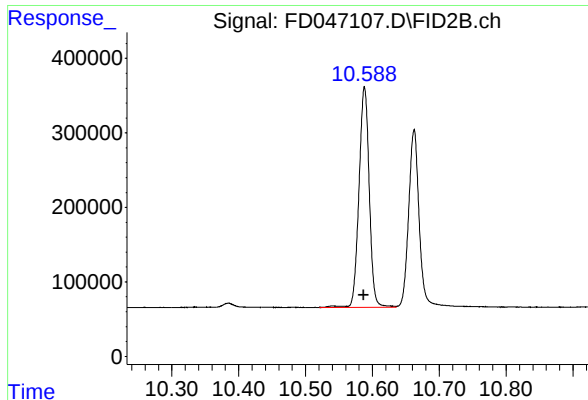
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.001 min
Response: 3670488
Conc: 20.41 ug/ml



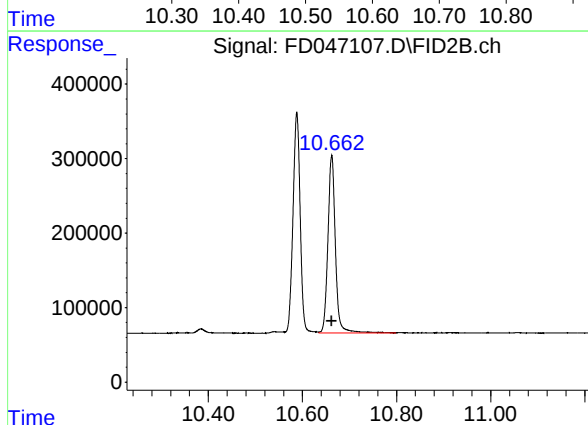
#8 Flouorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 3382209
Conc: 20.41 ug/ml



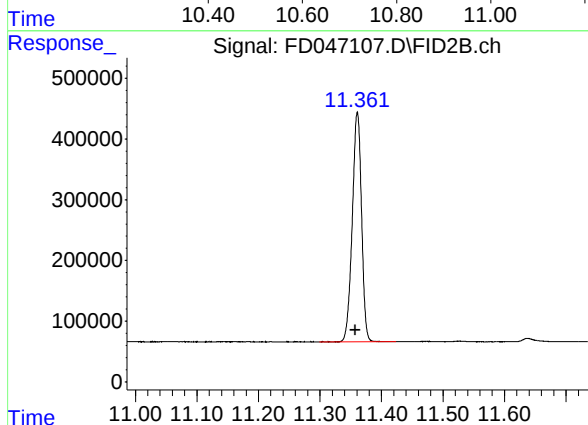
#9 Phenanthrene (C19.36)

R.T.: 10.588 min
Delta R.T.: 0.001 min
Response: 3167306
Conc: 20.31 ug/ml



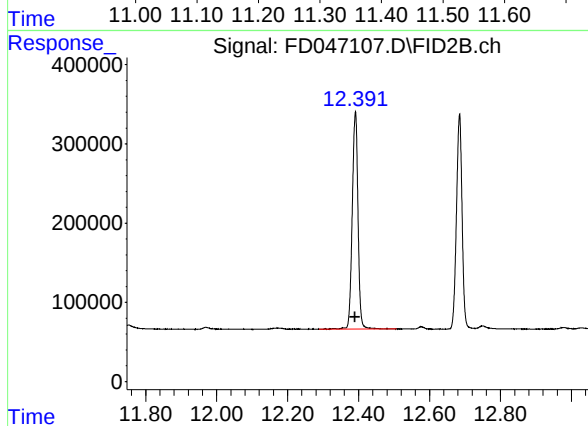
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.000 min
Response: 2633591
Conc: 18.18 ug/ml



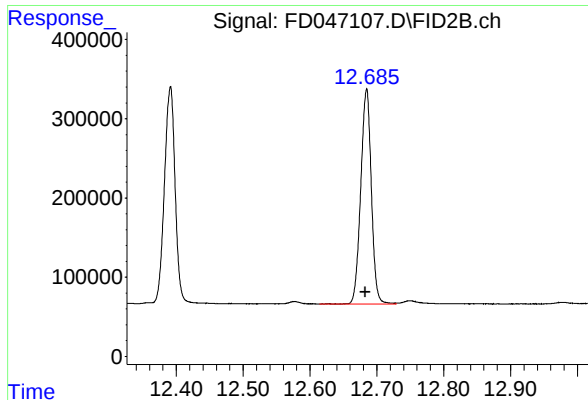
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.003 min
Response: 3957161
Conc: 20.49 ug/ml



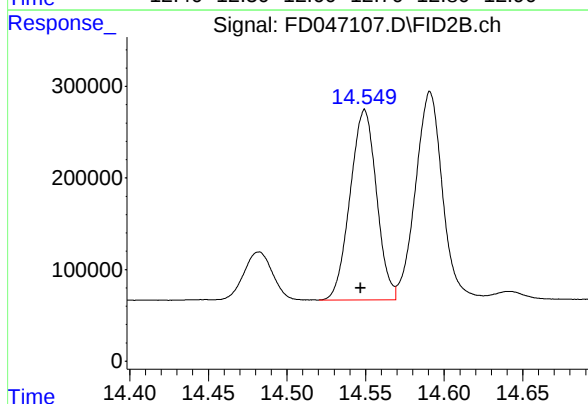
#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.001 min
Response: 3097037
Conc: 20.46 ug/ml



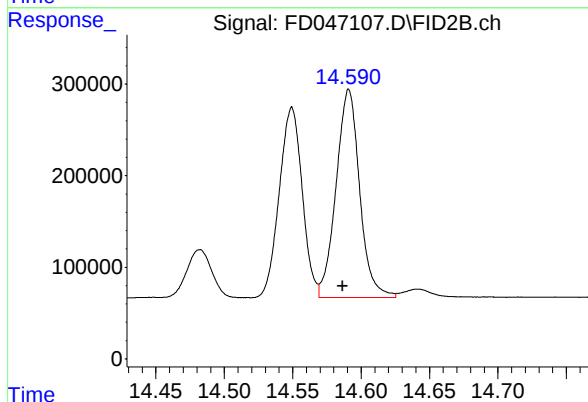
#13 Pyrene (C20.8)

R.T.: 12.684 min
Delta R.T.: 0.002 min
Response: 2982866
Conc: 20.34 ug/ml



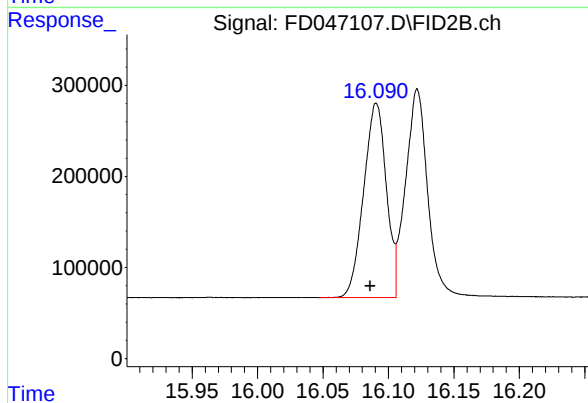
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.002 min
Response: 2429587
Conc: 19.74 ug/ml



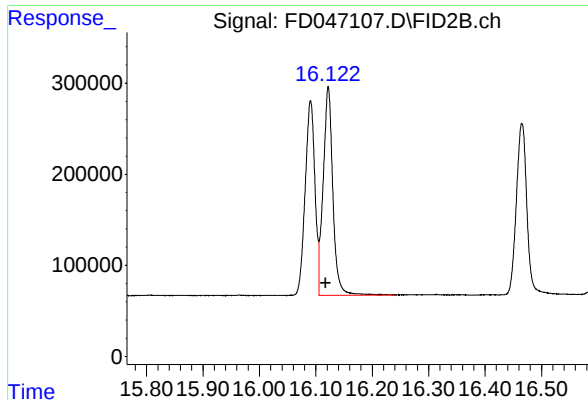
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.004 min
Response: 2725732
Conc: 19.42 ug/ml



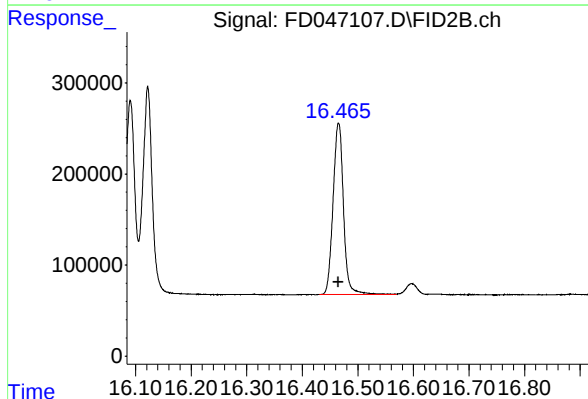
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.091 min
Delta R.T.: 0.005 min
Response: 2570464
Conc: 19.96 ug/ml



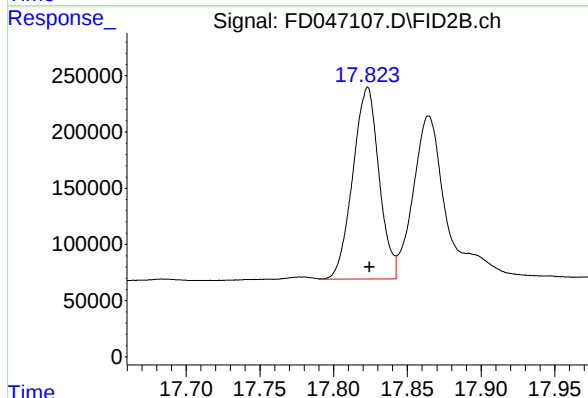
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.122 min
Delta R.T.: 0.004 min
Response: 2734400
Conc: 20.56 ug/ml



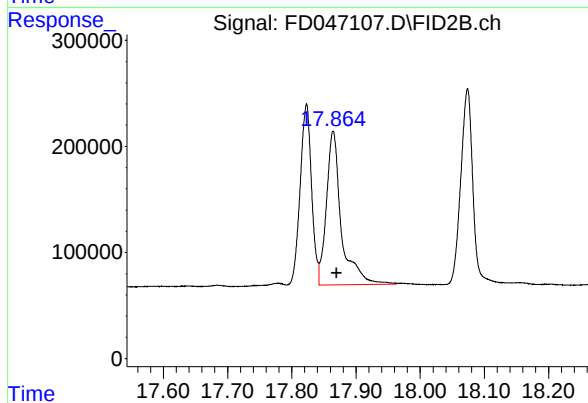
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.000 min
Response: 2445559
Conc: 19.24 ug/ml



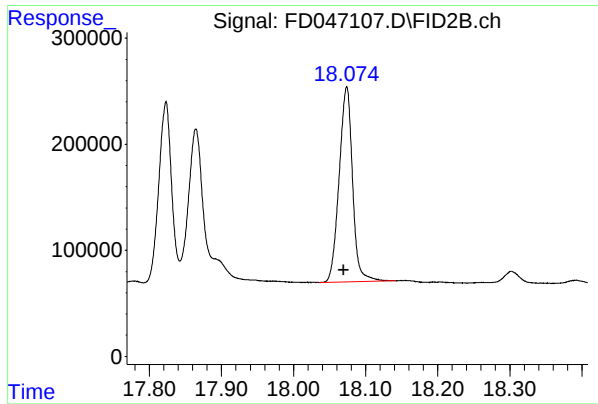
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.823 min
Delta R.T.: -0.002 min
Response: 2119354
Conc: 19.12 ug/ml m



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

R.T.: 17.864 min
Delta R.T.: -0.005 min
Response: 2346075
Conc: 18.36 ug/ml m



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

R.T.: 18.073 min
Delta R.T.: 0.004 min
Response: 2383284
Conc: 18.60 ug/ml