

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122123AR\
 Data File : FD047067.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2023 17:34
 Operator : YP/AJ
 Sample : PB157979BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 22:29:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 13:19:40 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...	7.472	7640746	43.511 ug/ml
Spiked Amount 50.000		Recovery =	87.02%
6) S 2-Fluorobiphenyl (SURR)	8.324	4026073	37.220 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.44%
11) S ortho-Terphenyl (SURR)	11.363	8326425	40.671 ug/ml
Spiked Amount 50.000		Recovery =	81.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	5013606	26.020 ug/ml
2) T Naphthalene (C11.7)	5.811	5836129	29.966 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	6076489	31.234 ug/ml
5) T Acenaphthylene (C15.06)	8.128	6643804	37.935 ug/ml
7) T Acenaphthene (C15.5)	8.424	6475161	34.301 ug/ml
8) T Flouorene (C16.55)	9.202	6637052	38.628 ug/ml
9) T Phenanthrene (C19.36)	10.590	6703912	40.907 ug/ml
10) T Anthracene (C19.43)	10.665	6504839	60.936 ug/ml
12) T Fluoranthene (C21.85)	12.394	6953095	43.516 ug/ml
13) T Pyrene (C20.8)	12.688	6961096	45.028 ug/ml
14) T Benzo[a]anthracene (C...	14.552	6019802	48.539 ug/ml
15) T Chrysene (C27.41)	14.595	6181326	41.638 ug/ml
16) T benzo[b]fluoranthene ...	16.096	5963798	44.192 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.129	5989237	42.314 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	5695414	44.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	5477153	48.602 ug/mlm
20) T Dibenz[a,h]anthracene...	17.867	5301190	40.163 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	5512214	41.331 ug/ml

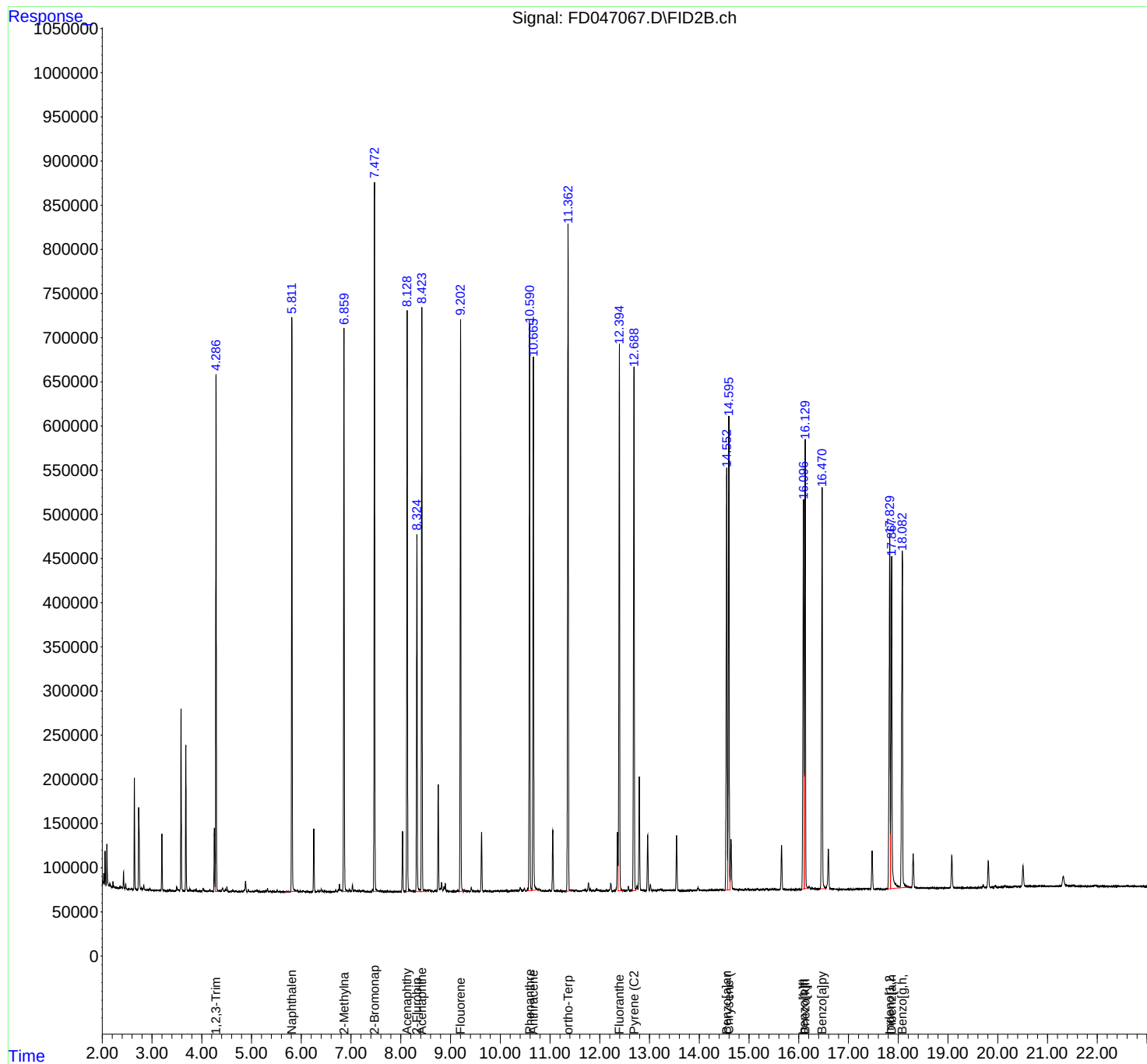
(f)=RT Delta > 1/2 Window

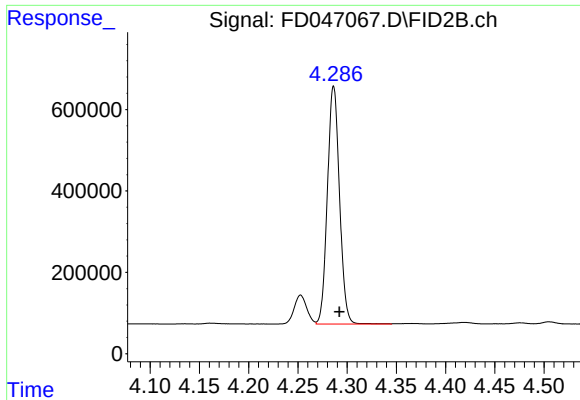
(m)=manual int.

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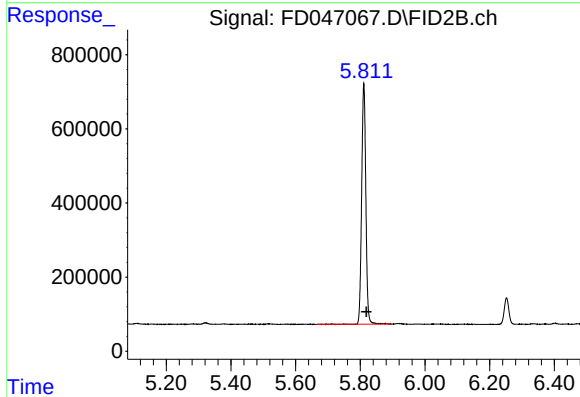
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Signal Info : 20M x 0.18mm x 0.18µm





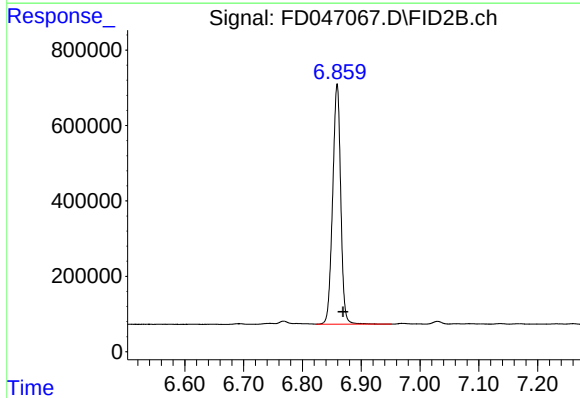
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: -0.006 min
Response: 5013606
Conc: 26.02 ug/ml



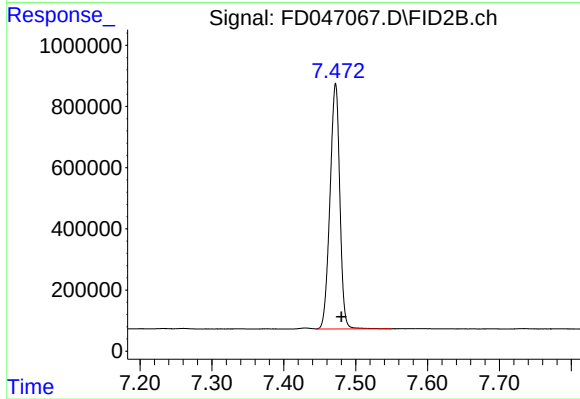
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.008 min
Response: 5836129
Conc: 29.97 ug/ml



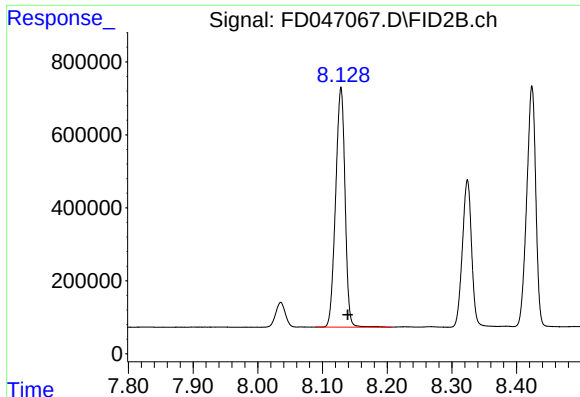
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.010 min
Response: 6076489
Conc: 31.23 ug/ml



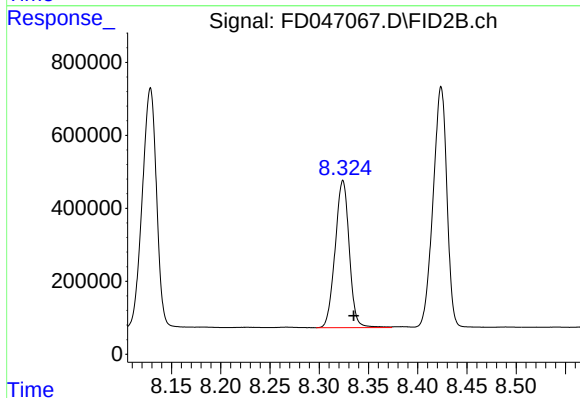
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 7640746
Conc: 43.51 ug/ml



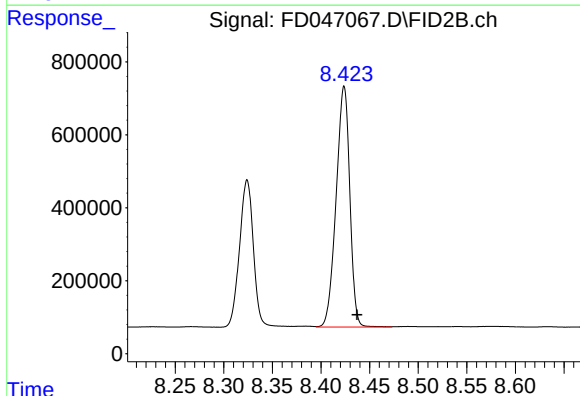
#5 Acenaphthylene (C15.06)

R.T.: 8.128 min
Delta R.T.: -0.011 min
Response: 6643804
Conc: 37.94 ug/ml



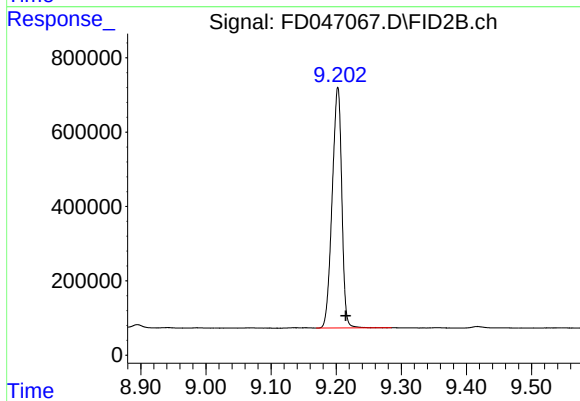
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.011 min
Response: 4026073
Conc: 37.22 ug/ml



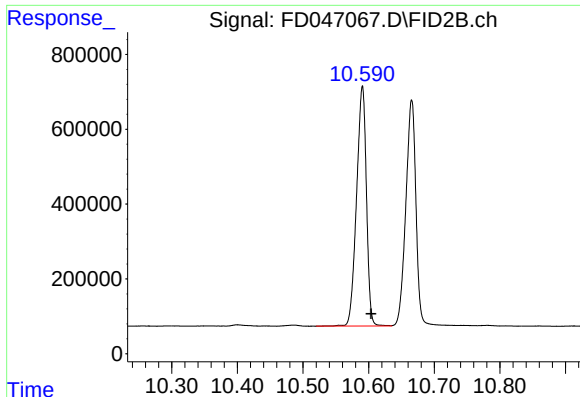
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: -0.013 min
Response: 6475161
Conc: 34.30 ug/ml



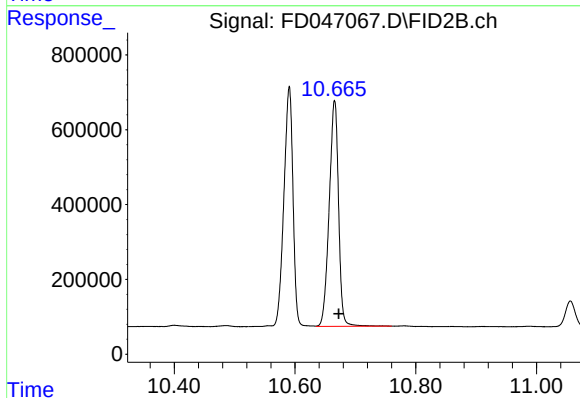
#8 Fluorene (C16.55)

R.T.: 9.202 min
Delta R.T.: -0.013 min
Response: 6637052
Conc: 38.63 ug/ml



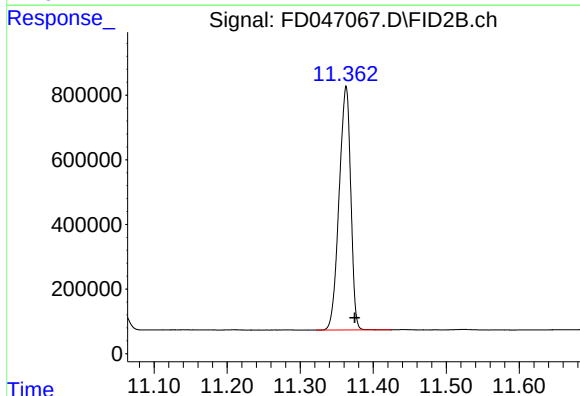
#9 Phenanthrene (C19.36)

R.T.: 10.590 min
Delta R.T.: -0.014 min
Response: 6703912
Conc: 40.91 ug/ml



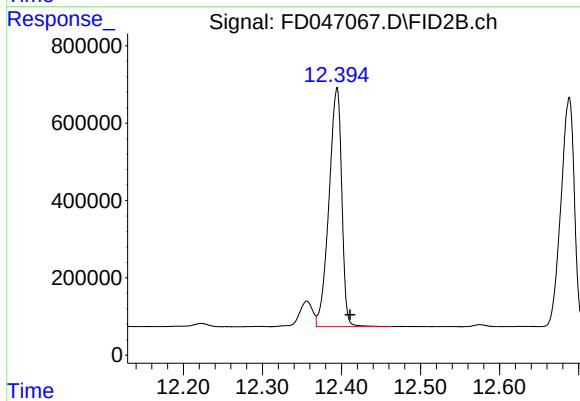
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: -0.007 min
Response: 6504839
Conc: 60.94 ug/ml



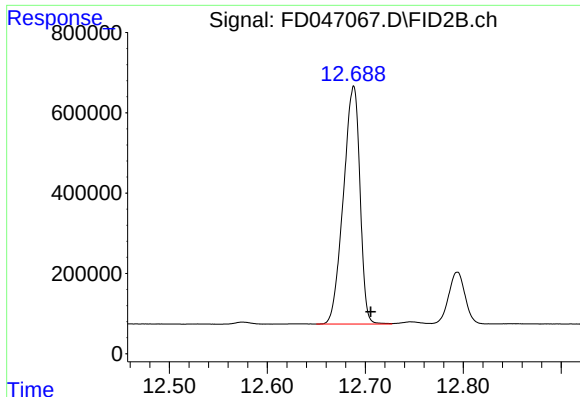
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: -0.012 min
Response: 8326425
Conc: 40.67 ug/ml



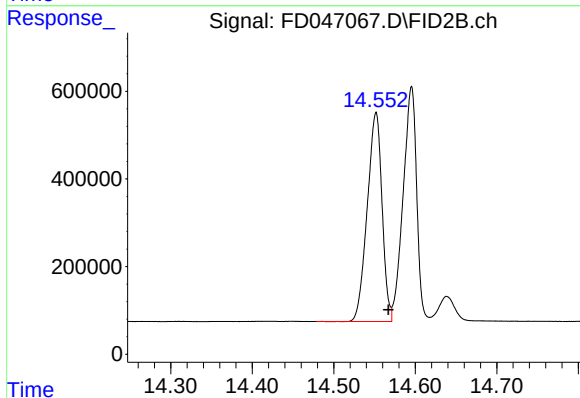
#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: -0.017 min
Response: 6953095
Conc: 43.52 ug/ml



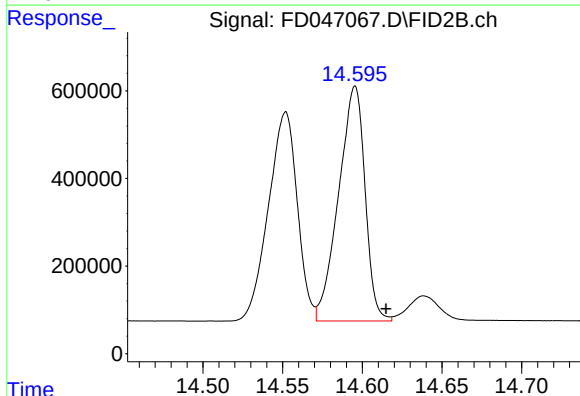
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: -0.018 min
Response: 6961096
Conc: 45.03 ug/ml



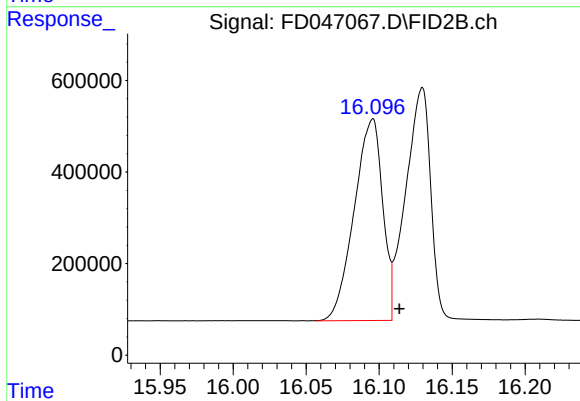
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: -0.015 min
Response: 6019802
Conc: 48.54 ug/ml



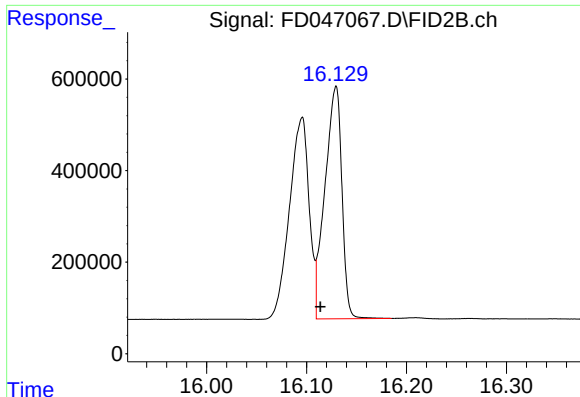
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: -0.020 min
Response: 6181326
Conc: 41.64 ug/ml



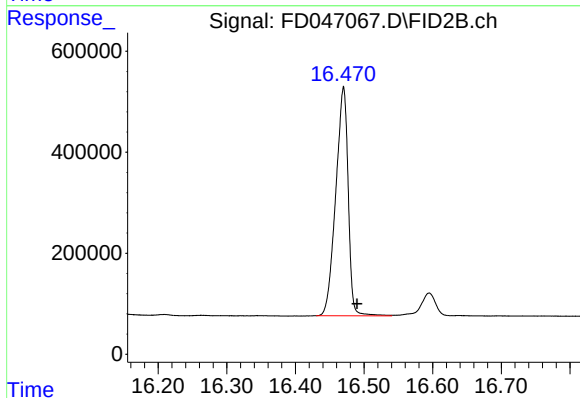
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.096 min
Delta R.T.: -0.018 min
Response: 5963798
Conc: 44.19 ug/ml m



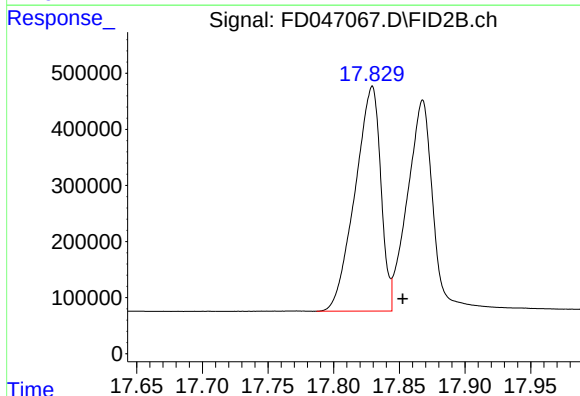
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.015 min
Response: 5989237
Conc: 42.31 ug/ml



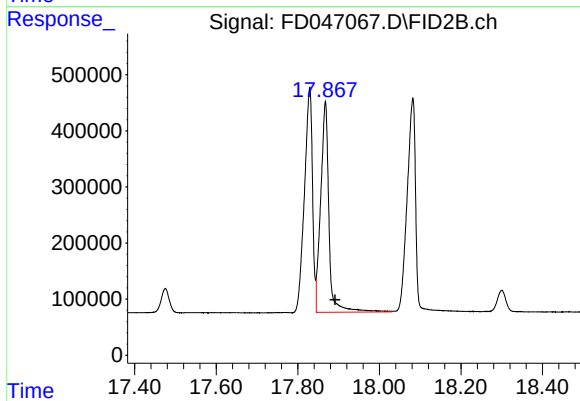
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: -0.020 min
Response: 5695414
Conc: 44.34 ug/ml



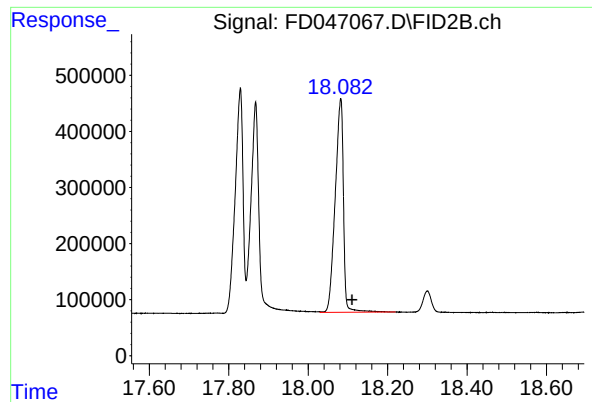
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: -0.023 min
Response: 5477153
Conc: 48.60 ug/ml m



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

R.T.: 17.867 min
Delta R.T.: -0.024 min
Response: 5301190
Conc: 40.16 ug/ml



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

R.T.: 18.081 min
Delta R.T.: -0.029 min
Response: 5512214
Conc: 41.33 ug/ml