

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122123AR\
 Data File : FD047066.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2023 16:55
 Operator : YP/AJ
 Sample : PB157979BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 22:29:45 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	7663335	43.640 ug/ml
Spiked Amount 50.000		Recovery =	87.28%
6) S 2-Fluorobiphenyl (SURR)	8.324	4024011	37.201 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.40%
11) S ortho-Terphenyl (SURR)	11.362	8353580	40.803 ug/ml
Spiked Amount 50.000		Recovery =	81.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	5000018	25.950 ug/ml
2) T Naphthalene (C11.7)	5.811	5843981	30.006 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	6086268	31.284 ug/ml
5) T Acenaphthylene (C15.06)	8.128	6671568	38.094 ug/ml
7) T Acenaphthene (C15.5)	8.423	6498782	34.426 ug/ml
8) T Fluorene (C16.55)	9.202	6676783	38.859 ug/ml
9) T Phenanthrene (C19.36)	10.590	6675915	40.736 ug/ml
10) T Anthracene (C19.43)	10.665	6454109	60.461 ug/ml
12) T Fluoranthene (C21.85)	12.394	6962010	43.572 ug/ml
13) T Pyrene (C20.8)	12.688	6967034	45.066 ug/ml
14) T Benzo[a]anthracene (C...	14.552	5911068	47.662 ug/ml
15) T Chrysene (C27.41)	14.595	6093274	41.044 ug/ml
16) T benzo[b]fluoranthene ...	16.095	5961141	44.173 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.129	5888945	41.606 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	5570288	43.366 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	5094871	45.209 ug/mlm
20) T Dibenz[a,h]anthracene...	17.866	4766040	36.108 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	5313078	39.837 ug/ml

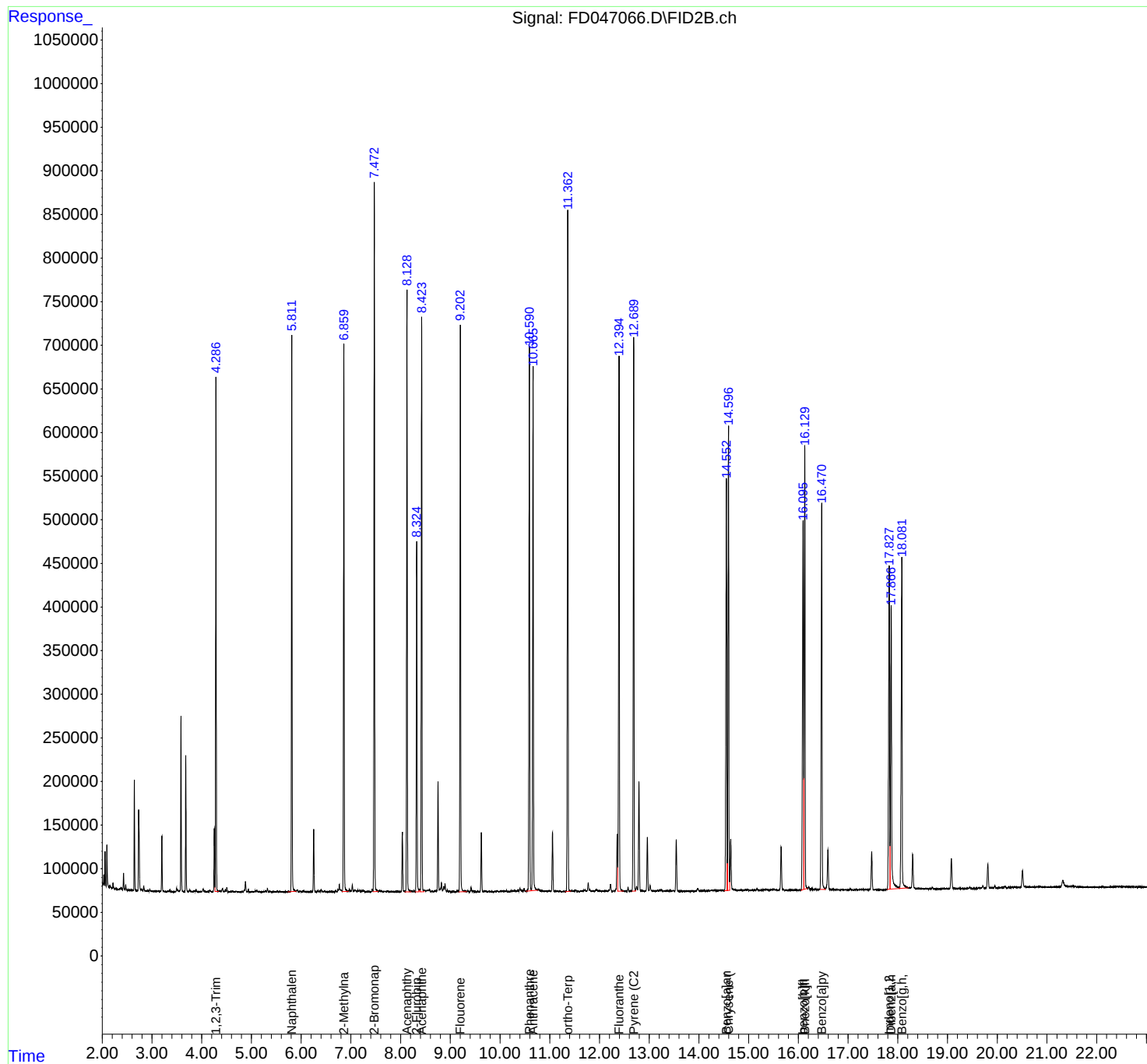
(f)=RT Delta > 1/2 Window

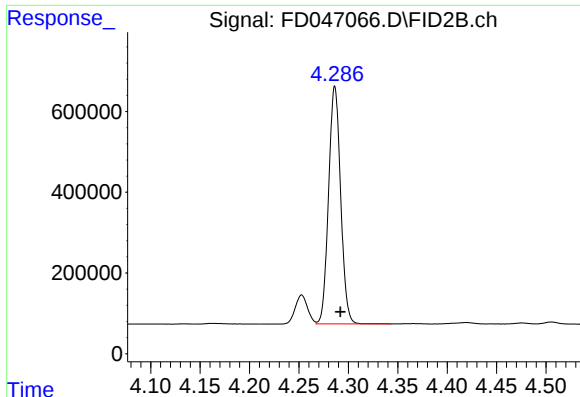
(m)=manual int.

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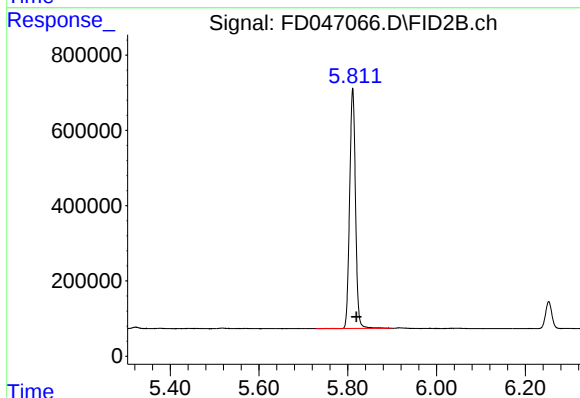
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Signal Info : 20M x 0.18mm x 0.18µm





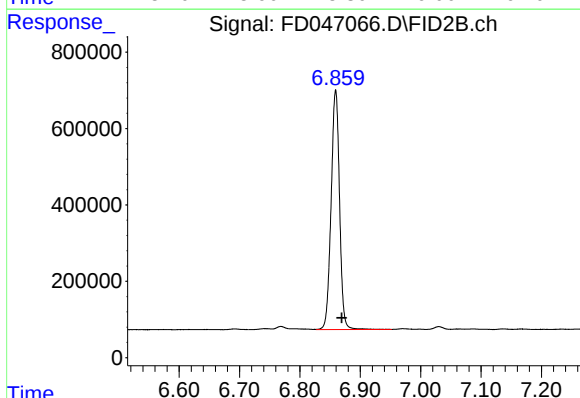
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: -0.006 min
Response: 5000018
Conc: 25.95 ug/ml



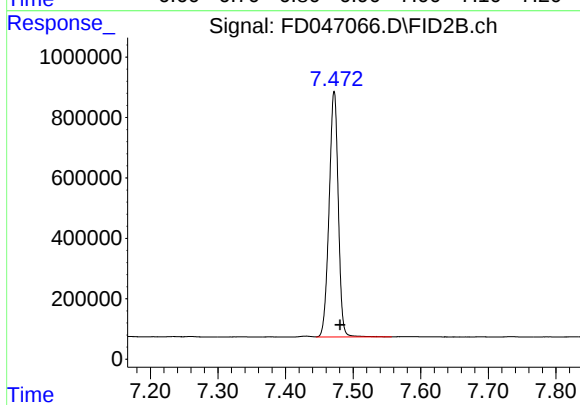
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.008 min
Response: 5843981
Conc: 30.01 ug/ml



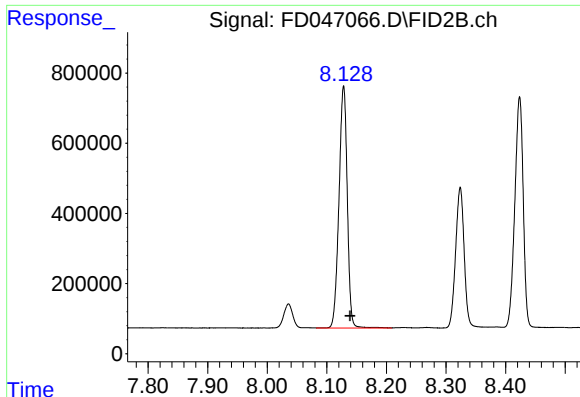
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.010 min
Response: 6086268
Conc: 31.28 ug/ml



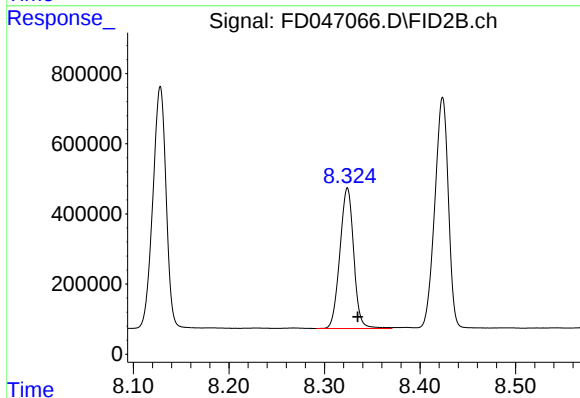
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 7663335
Conc: 43.64 ug/ml



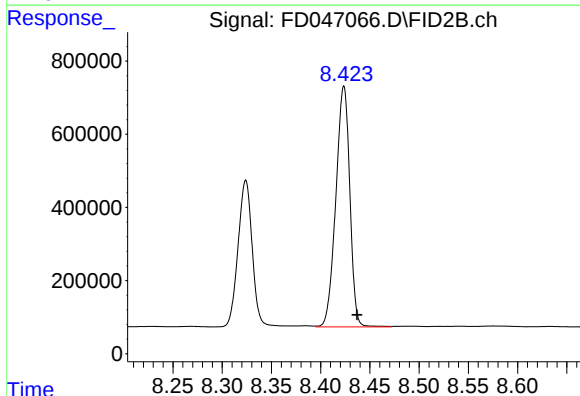
#5 Acenaphthylene (C15.06)

R.T.: 8.128 min
Delta R.T.: -0.011 min
Response: 6671568
Conc: 38.09 ug/ml



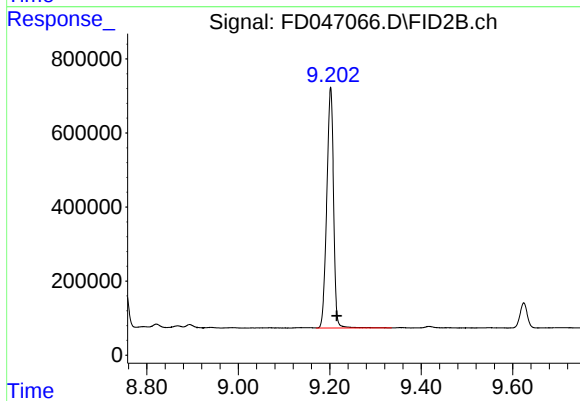
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.011 min
Response: 4024011
Conc: 37.20 ug/ml



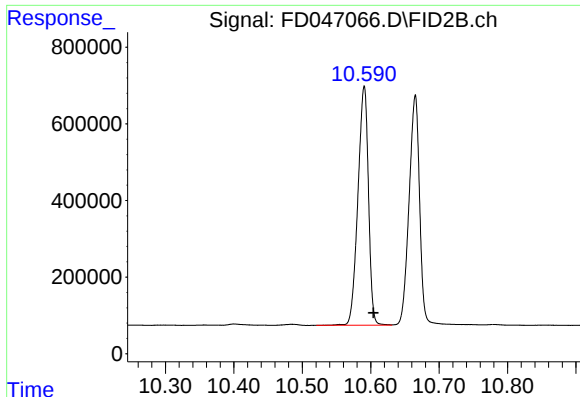
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: -0.013 min
Response: 6498782
Conc: 34.43 ug/ml



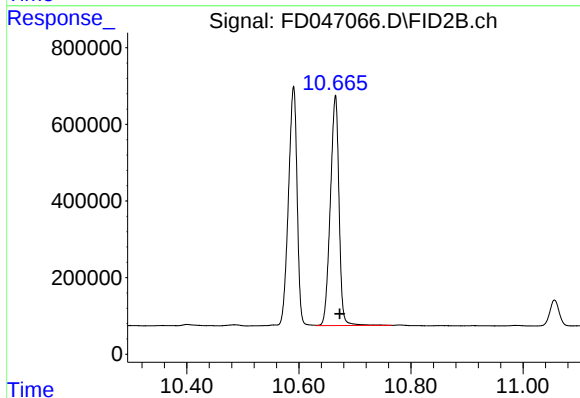
#8 Fluorene (C16.55)

R.T.: 9.202 min
Delta R.T.: -0.013 min
Response: 6676783
Conc: 38.86 ug/ml



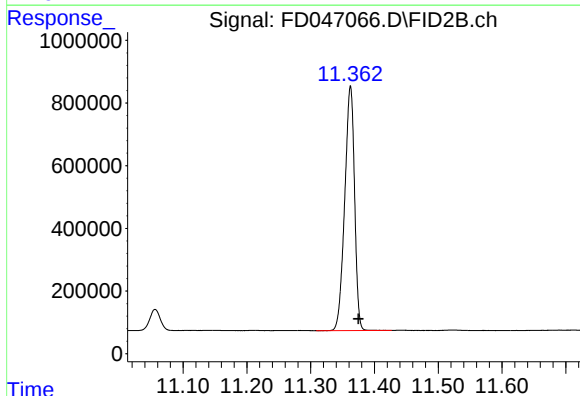
#9 Phenanthrene (C19.36)

R.T.: 10.590 min
Delta R.T.: -0.014 min
Response: 6675915
Conc: 40.74 ug/ml



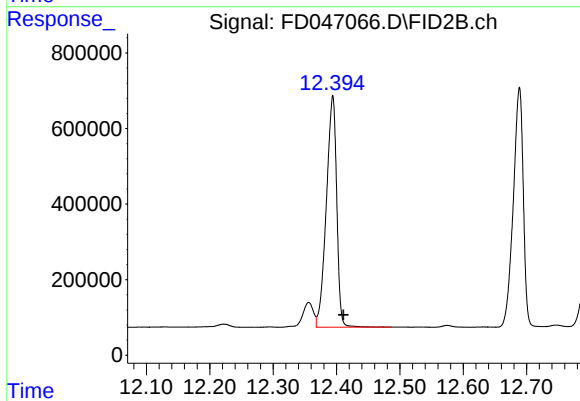
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: -0.008 min
Response: 6454109
Conc: 60.46 ug/ml



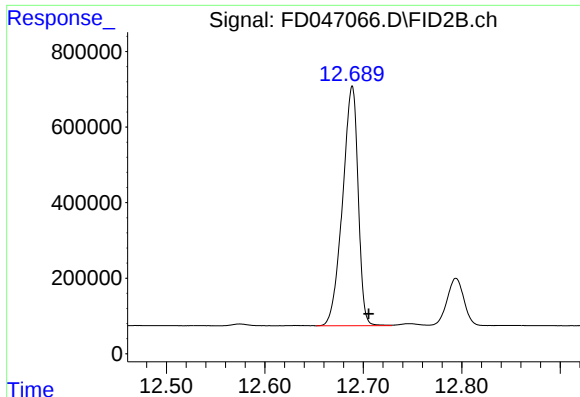
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: -0.013 min
Response: 8353580
Conc: 40.80 ug/ml



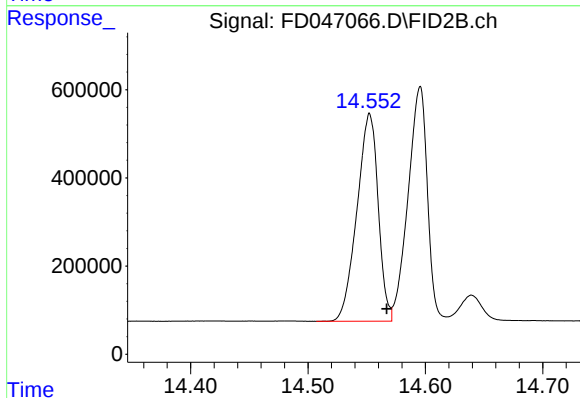
#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: -0.017 min
Response: 6962010
Conc: 43.57 ug/ml



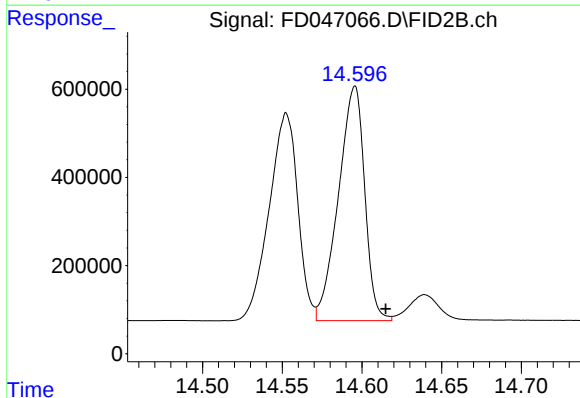
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: -0.017 min
Response: 6967034
Conc: 45.07 ug/ml



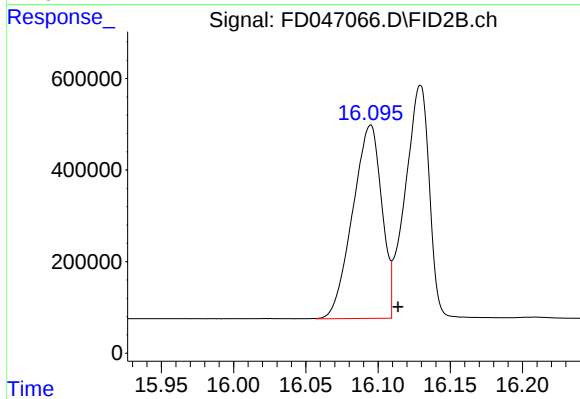
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: -0.015 min
Response: 5911068
Conc: 47.66 ug/ml



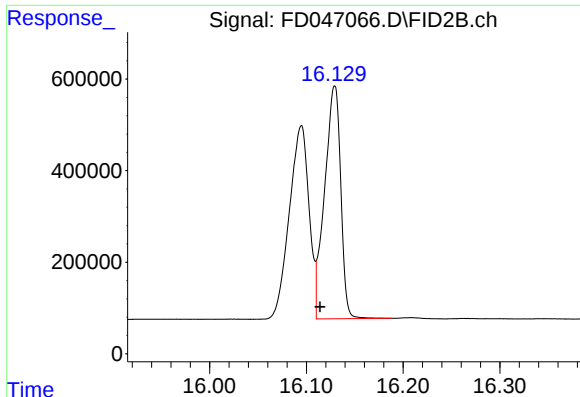
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: -0.020 min
Response: 6093274
Conc: 41.04 ug/ml



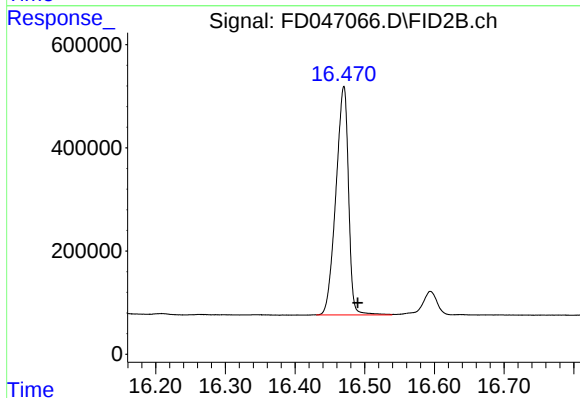
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.095 min
Delta R.T.: -0.019 min
Response: 5961141
Conc: 44.17 ug/ml m



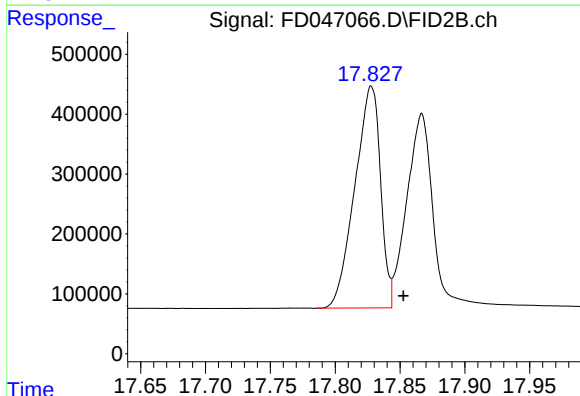
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.015 min
Response: 5888945
Conc: 41.61 ug/ml



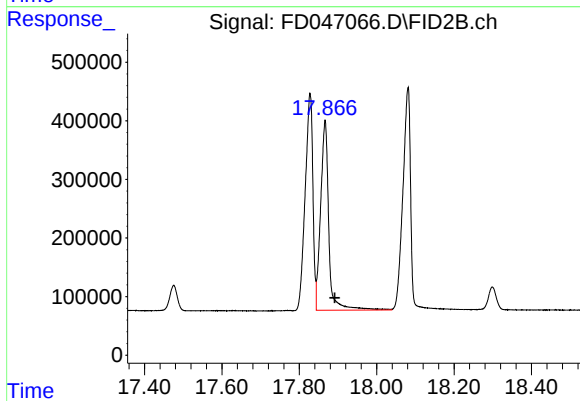
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: -0.021 min
Response: 5570288
Conc: 43.37 ug/ml



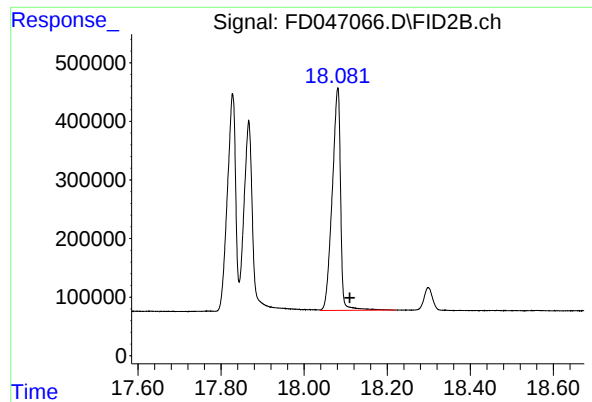
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: -0.026 min
Response: 5094871
Conc: 45.21 ug/ml m



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

R.T.: 17.866 min
Delta R.T.: -0.025 min
Response: 4766040
Conc: 36.11 ug/ml



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

R.T.: 18.080 min
Delta R.T.: -0.030 min
Response: 5313078
Conc: 39.84 ug/ml