

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047113.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 13:56
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 15:14:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:14:26 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...	7.470	1581910	10.284 ug/ml
Spiked Amount 50.000		Recovery =	20.57%
6) S 2-Fluorobiphenyl (SURR)	8.322	1043311	10.212 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.42%
11) S ortho-Terphenyl (SURR)	11.356	1850854	10.388 ug/ml
Spiked Amount 50.000		Recovery =	20.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	1607056	10.316 ug/ml
2) T Naphthalene (C11.7)	5.810	1739177	10.382 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	1762233	10.395 ug/ml
5) T Acenaphthylene (C15.06)	8.125	1605248	10.355 ug/ml
7) T Acenaphthene (C15.5)	8.419	1709838	10.354 ug/ml
8) T Fluorene (C16.55)	9.197	1657601	10.386 ug/ml
9) T Phenanthrene (C19.36)	10.585	1624485	10.262 ug/ml
10) T Anthracene (C19.43)	10.659	1584709	10.338 ug/ml
12) T Fluoranthene (C21.85)	12.386	1656757	10.385 ug/ml
13) T Pyrene (C20.8)	12.680	1612022	10.429 ug/ml
14) T Benzo[a]anthracene (C...	14.543	1438207	10.245 ug/ml
15) T Chrysene (C27.41)	14.584	1617450	10.443 ug/ml
16) T benzo[b]fluoranthene ...	16.084	1496643	10.318 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	1546814	10.493 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	1475830	10.324 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	1270872	9.861 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	1520367	10.724 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	1423288	10.373 ug/ml

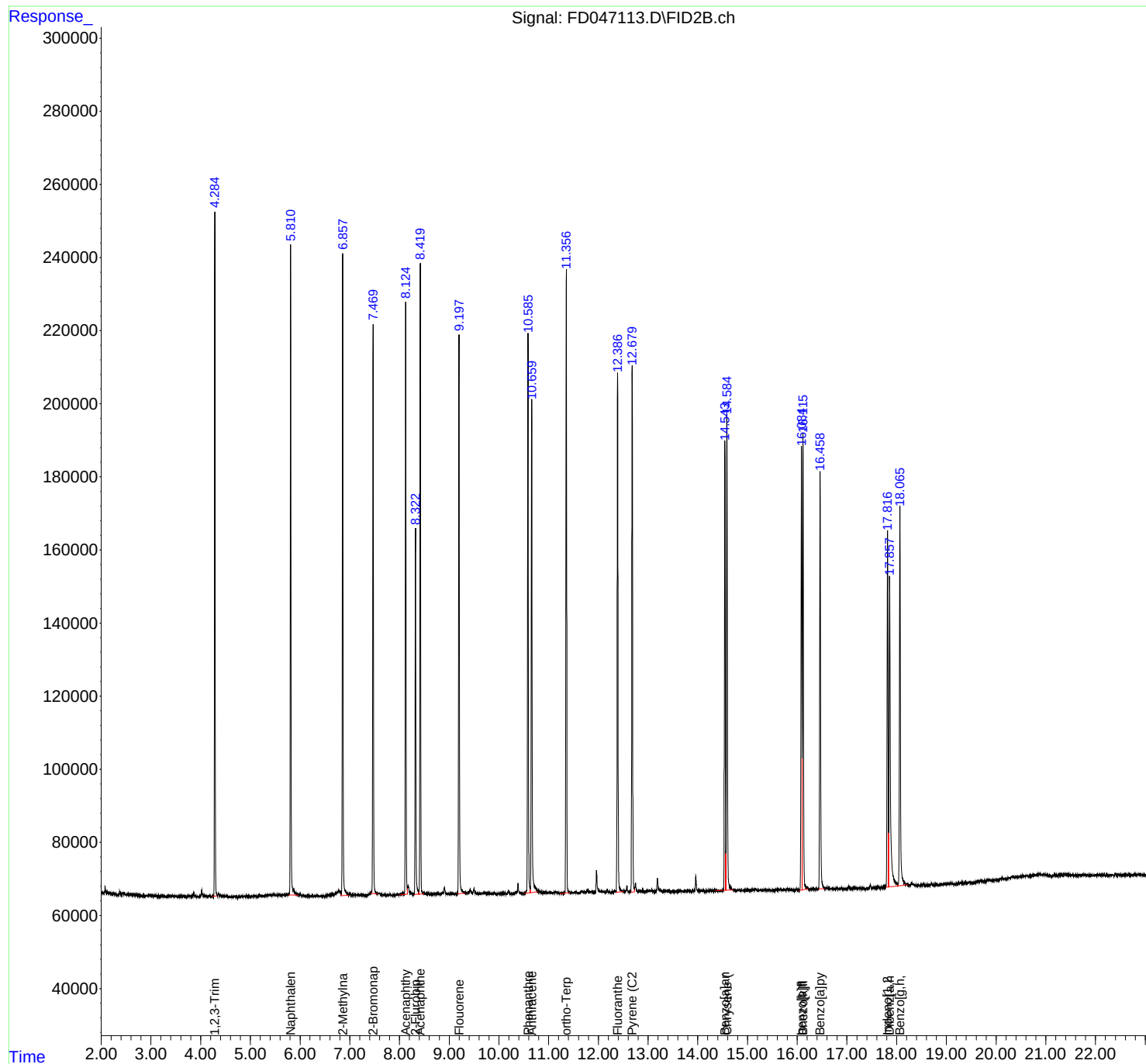
(f)=RT Delta > 1/2 Window

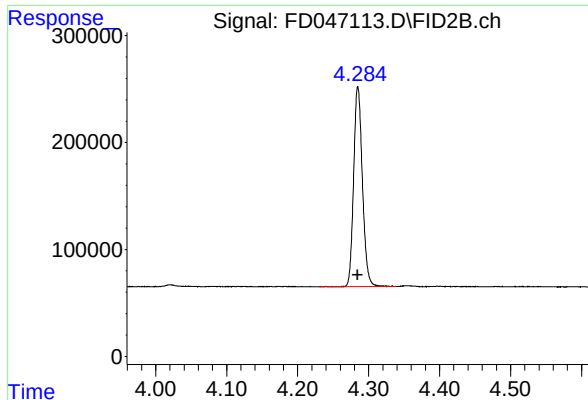
(m)=manual int.

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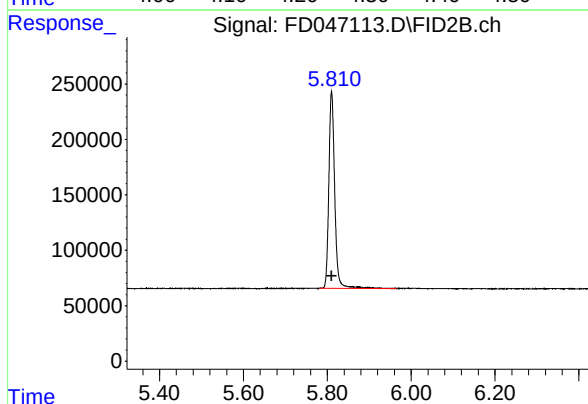
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





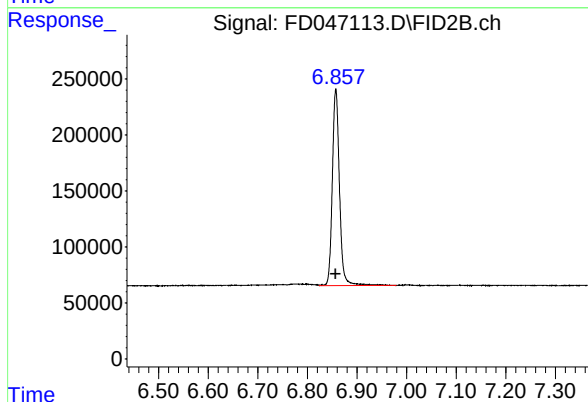
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 1607056
Conc: 10.32 ug/ml



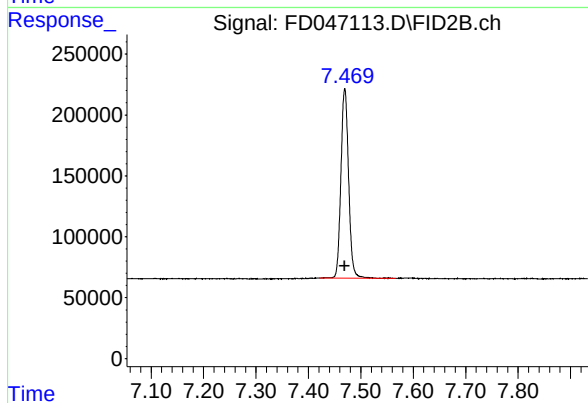
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 1739177
Conc: 10.38 ug/ml



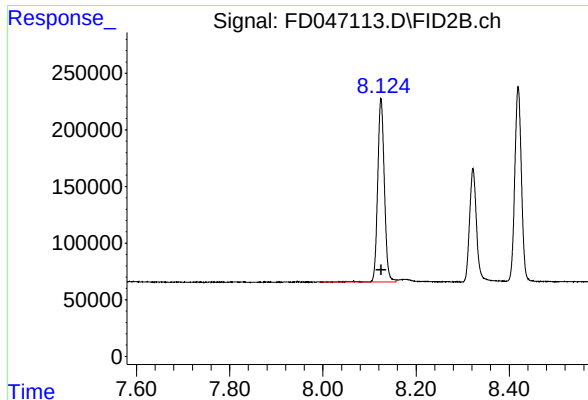
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 1762233
Conc: 10.39 ug/ml



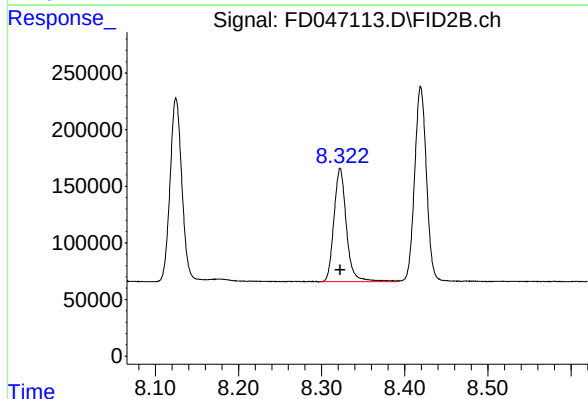
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 1581910
Conc: 10.28 ug/ml



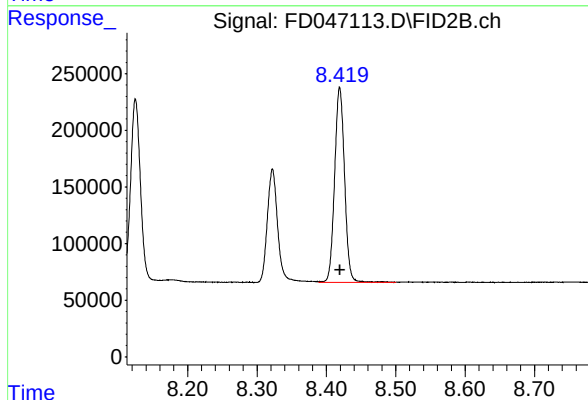
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 1605248
Conc: 10.35 ug/ml



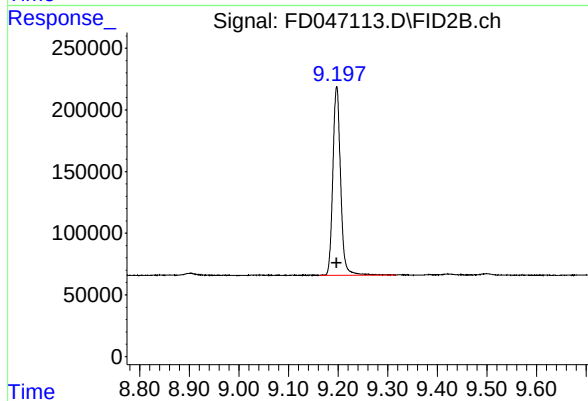
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 1043311
Conc: 10.21 ug/ml



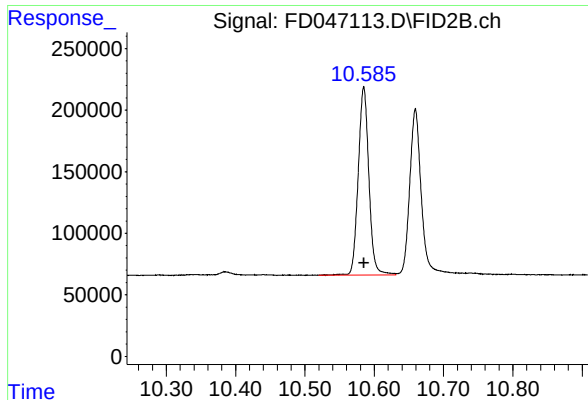
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 1709838
Conc: 10.35 ug/ml



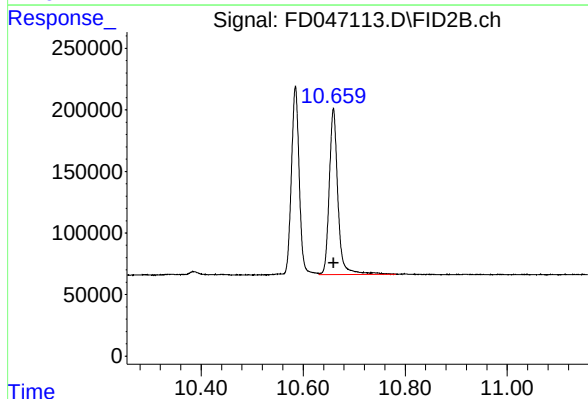
#8 Fluorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.000 min
Response: 1657601
Conc: 10.39 ug/ml



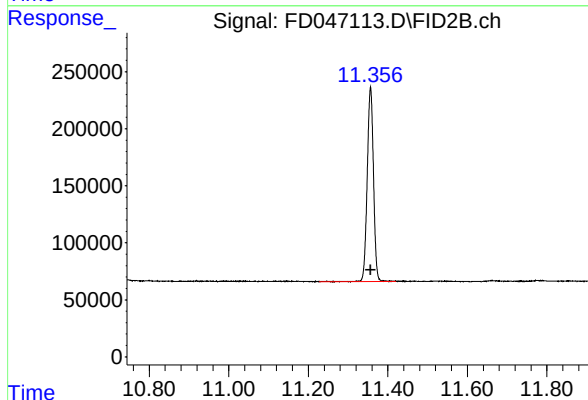
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 1624485
Conc: 10.26 ug/ml



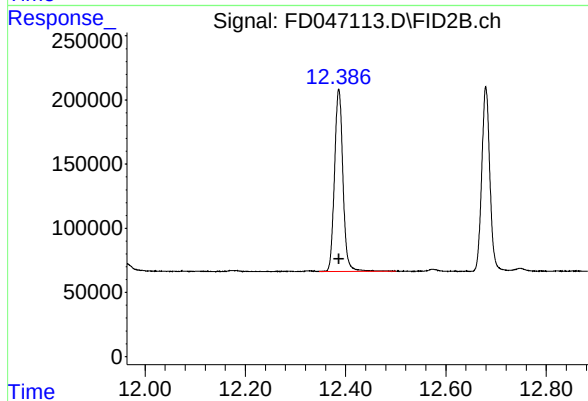
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 1584709
Conc: 10.34 ug/ml



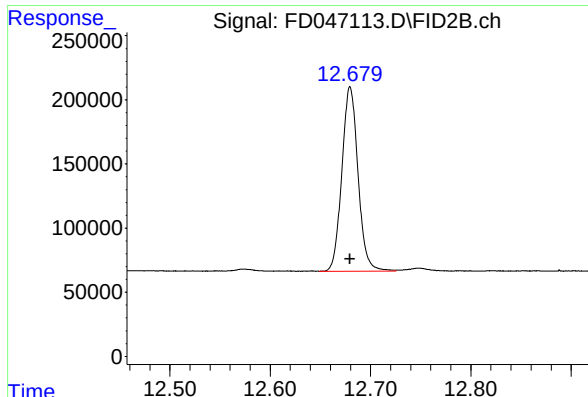
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 1850854
Conc: 10.39 ug/ml



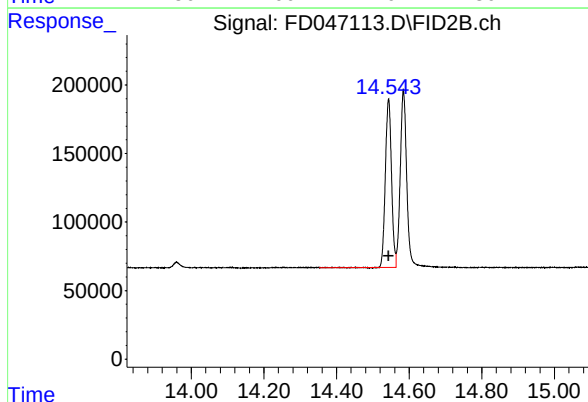
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 1656757
Conc: 10.38 ug/ml



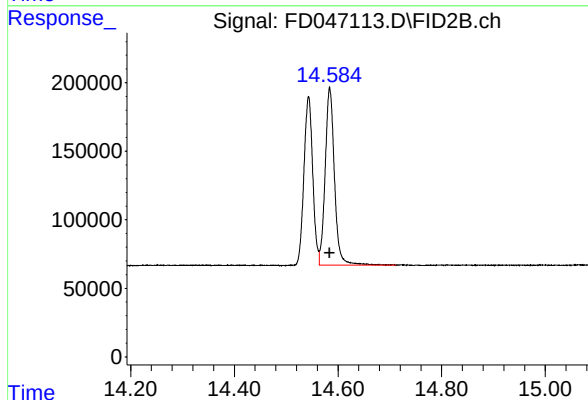
#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 1612022
Conc: 10.43 ug/ml



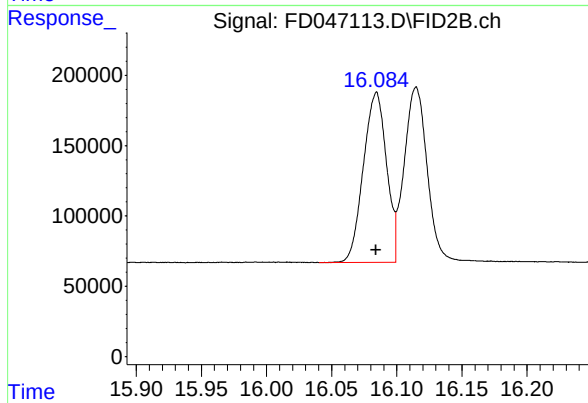
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 1438207
Conc: 10.24 ug/ml



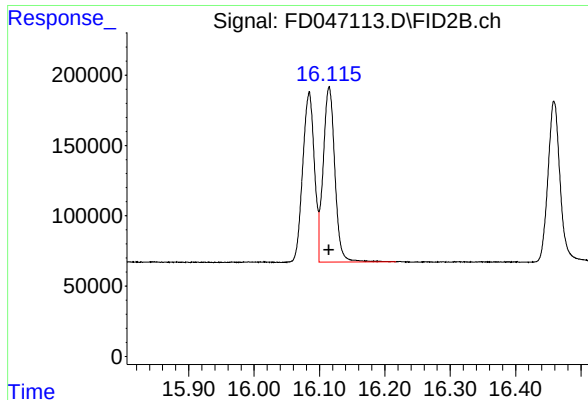
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: 0.000 min
Response: 1617450
Conc: 10.44 ug/ml



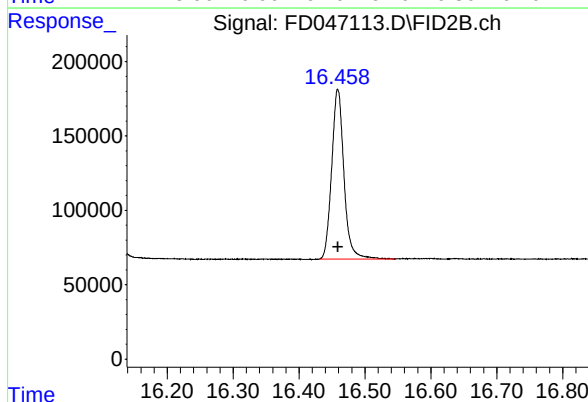
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.084 min
Delta R.T.: 0.000 min
Response: 1496643
Conc: 10.32 ug/ml



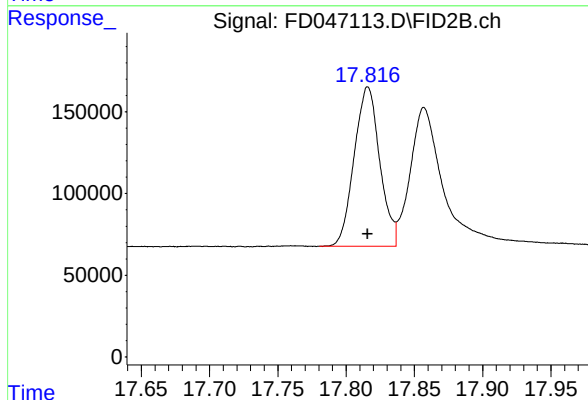
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.115 min
Delta R.T.: 0.000 min
Response: 1546814
Conc: 10.49 ug/ml



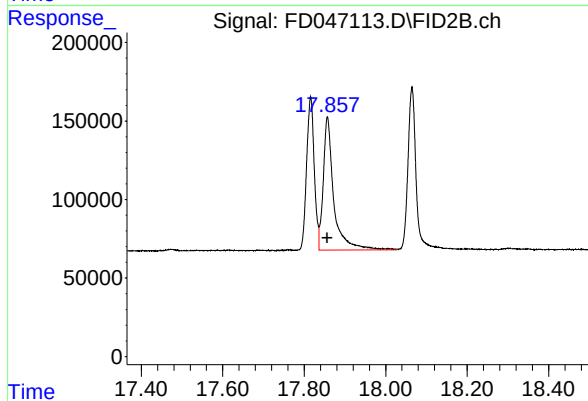
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 1475830
Conc: 10.32 ug/ml



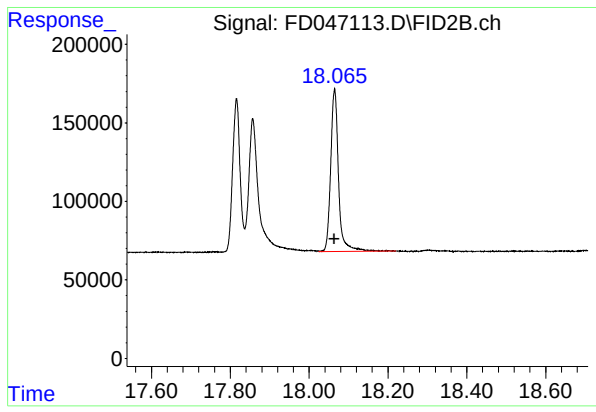
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: 0.000 min
Response: 1270872
Conc: 9.86 ug/ml



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

R.T.: 17.857 min
Delta R.T.: 0.000 min
Response: 1520367
Conc: 10.72 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 1423288
Conc: 10.37 ug/ml