

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011224AR\
 Data File : FD047139.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2024 15:41
 Operator : YP/AJ
 Sample : P1117-09MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 03:34:48 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...	7.472	9332272	60.671 ug/ml
Spiked Amount 50.000		Recovery =	121.34%
6) S 2-Fluorobiphenyl (SURR)	8.324	4874452	47.713 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.43%
11) S ortho-Terphenyl (SURR)	11.362	9069412	50.903 ug/ml
Spiked Amount 50.000		Recovery =	101.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	6497983	41.711 ug/ml
2) T Naphthalene (C11.7)	5.810	7742709	46.220 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	8192366	48.324 ug/ml
5) T Acenaphthylene (C15.06)	8.128	8898571	57.402 ug/ml
7) T Acenaphthene (C15.5)	8.424	8778081	53.156 ug/ml
8) T Fluorene (C16.55)	9.203	9442315	59.164 ug/ml
9) T Phenanthrene (C19.36)	10.593	9937399	62.778 ug/ml
10) T Anthracene (C19.43)	10.668	9231774	60.222 ug/ml
12) T Fluoranthene (C21.85)	12.398	10235658	64.158 ug/ml
13) T Pyrene (C20.8)	12.692	10242408	66.262 ug/ml
14) T Benzo[a]anthracene (C...	14.557	9689753	69.022 ug/ml
15) T Chrysene (C27.41)	14.602	9752119	62.966 ug/ml
16) T benzo[b]fluoranthene ...	16.100	9359262	64.521 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	9414148	63.861 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.475	8295104	58.029 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	9621055	74.653 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	8651270	61.025 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.091	8322763	60.654 ug/ml

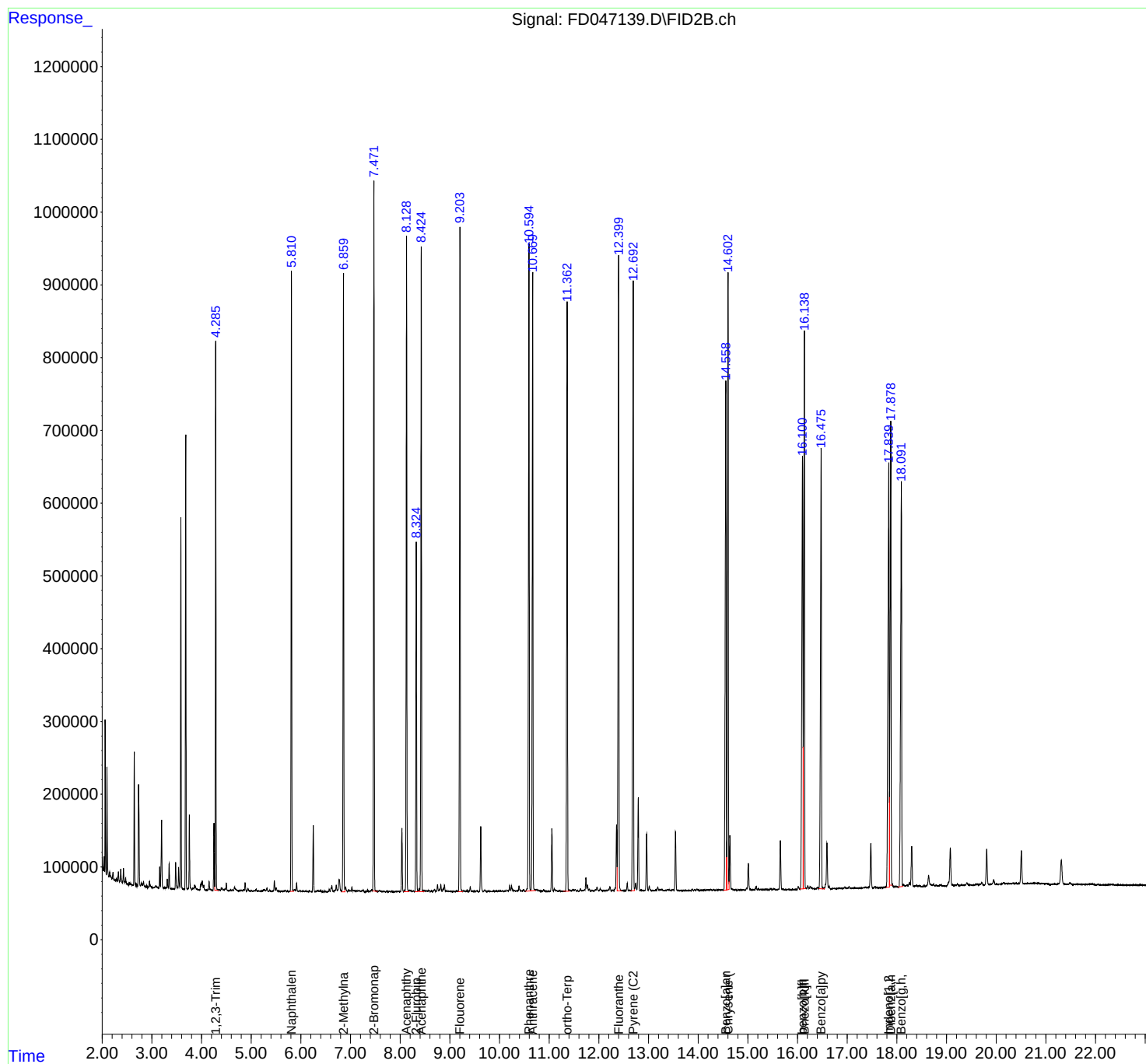
(f)=RT Delta > 1/2 Window

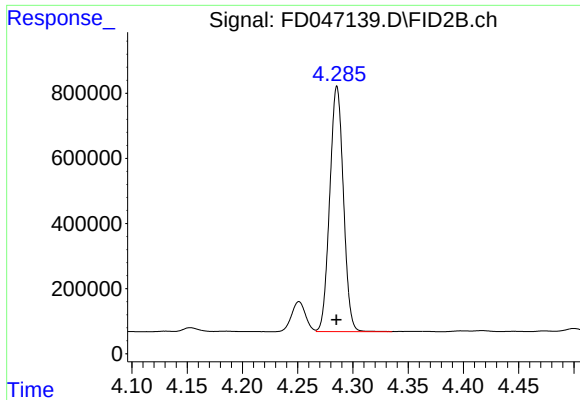
(m)=manual int.

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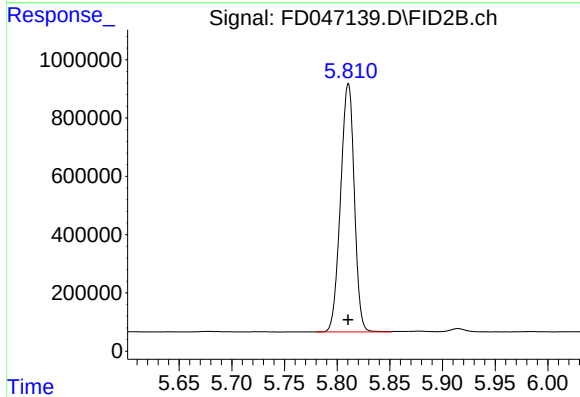
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





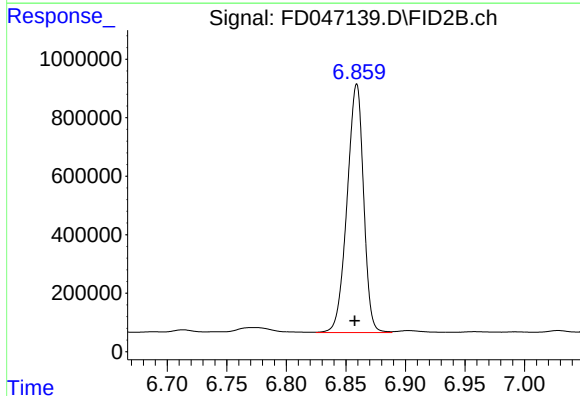
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 6497983
Conc: 41.71 ug/ml



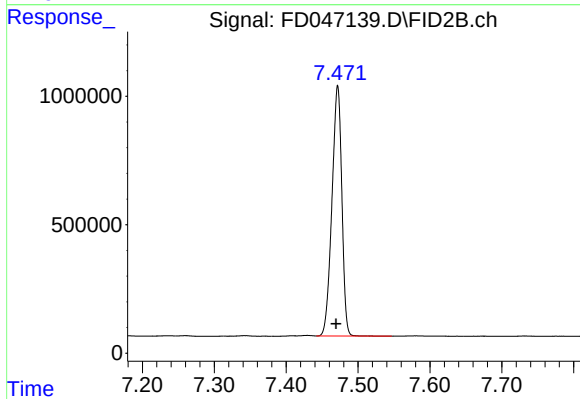
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 7742709
Conc: 46.22 ug/ml



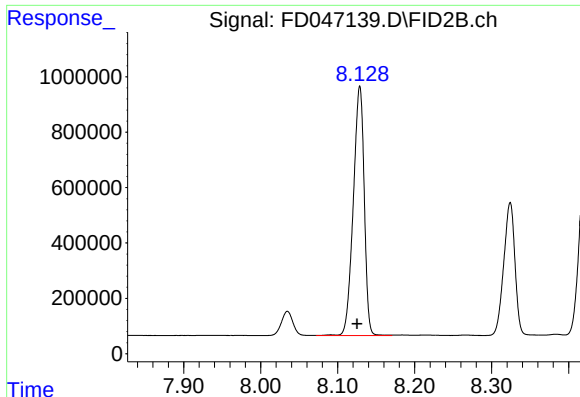
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.001 min
Response: 8192366
Conc: 48.32 ug/ml



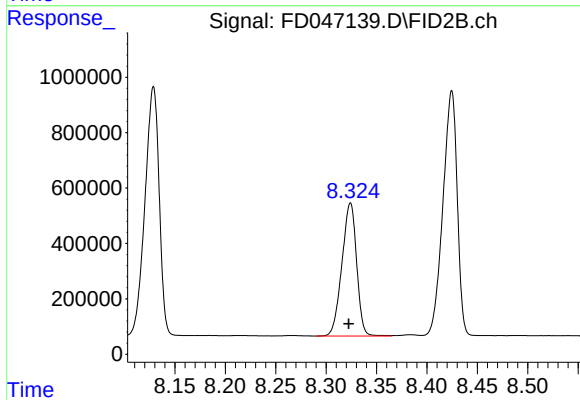
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 9332272
Conc: 60.67 ug/ml



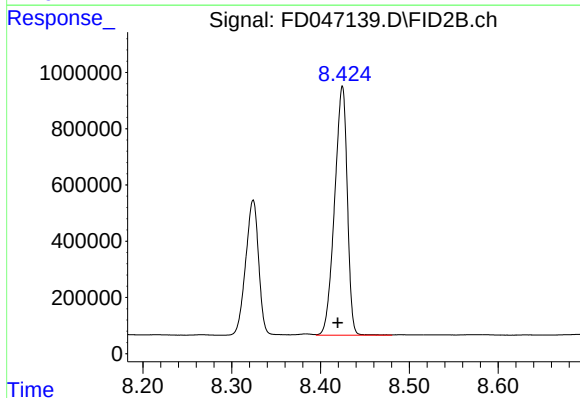
#5 Acenaphthylene (C15.06)

R.T.: 8.128 min
Delta R.T.: 0.003 min
Response: 8898571
Conc: 57.40 ug/ml



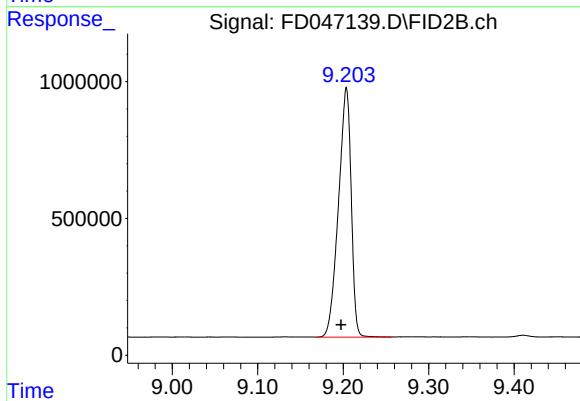
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 4874452
Conc: 47.71 ug/ml



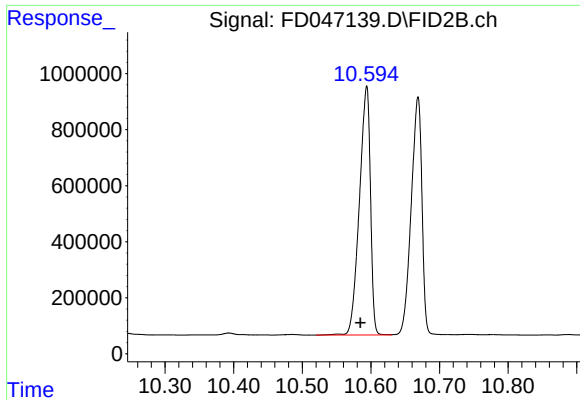
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: 0.005 min
Response: 8778081
Conc: 53.16 ug/ml



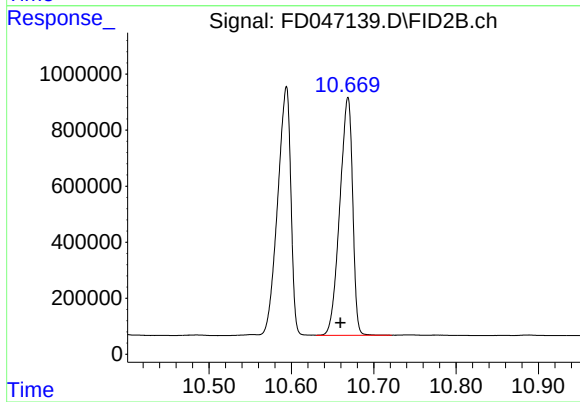
#8 Fluorene (C16.55)

R.T.: 9.203 min
Delta R.T.: 0.006 min
Response: 9442315
Conc: 59.16 ug/ml



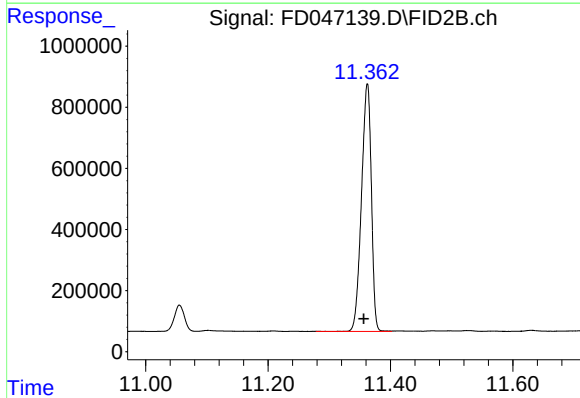
#9 Phenanthrene (C19.36)

R.T.: 10.593 min
Delta R.T.: 0.008 min
Response: 9937399
Conc: 62.78 ug/ml



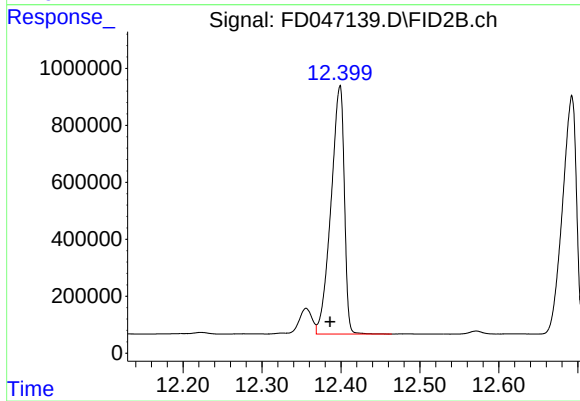
#10 Anthracene (C19.43)

R.T.: 10.668 min
Delta R.T.: 0.009 min
Response: 9231774
Conc: 60.22 ug/ml



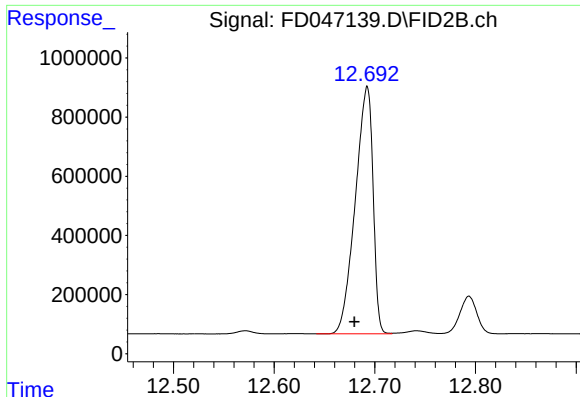
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.006 min
Response: 9069412
Conc: 50.90 ug/ml



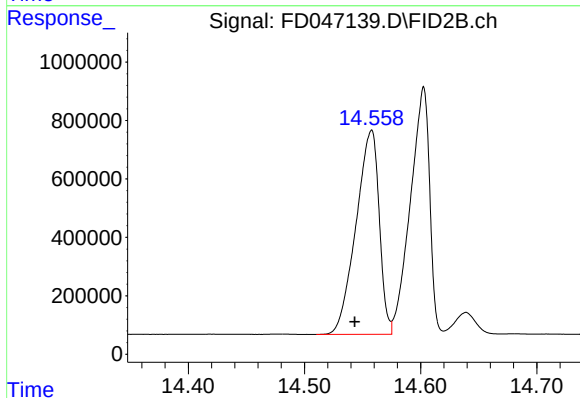
#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: 0.012 min
Response: 10235658
Conc: 64.16 ug/ml



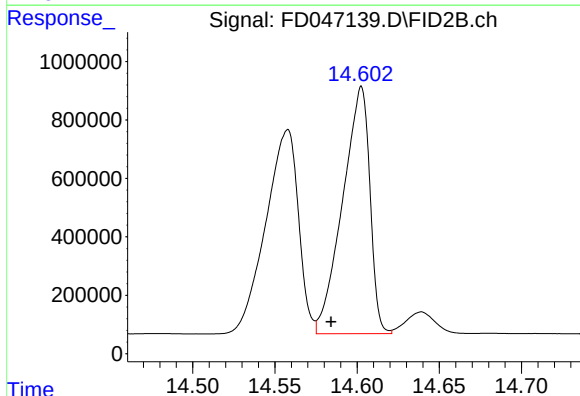
#13 Pyrene (C20.8)

R.T.: 12.692 min
Delta R.T.: 0.012 min
Response: 10242408
Conc: 66.26 ug/ml



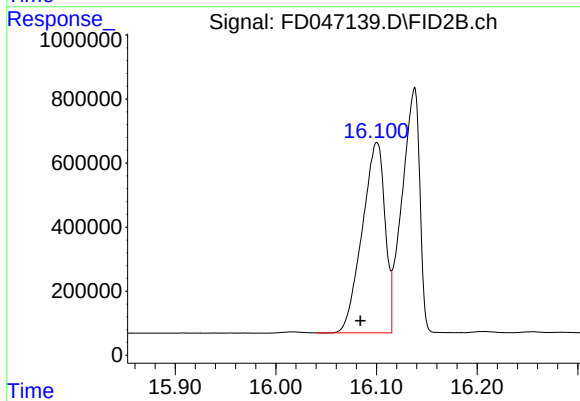
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.014 min
Response: 9689753
Conc: 69.02 ug/ml



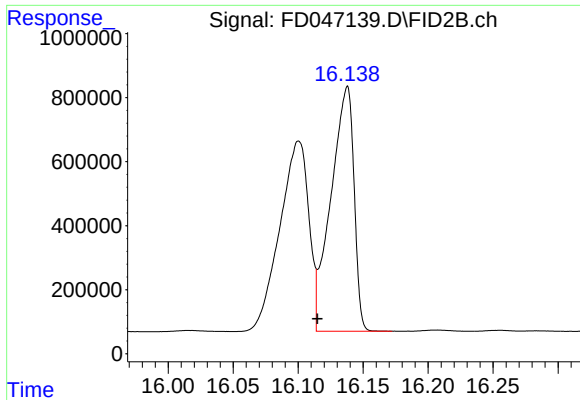
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.018 min
Response: 9752119
Conc: 62.97 ug/ml



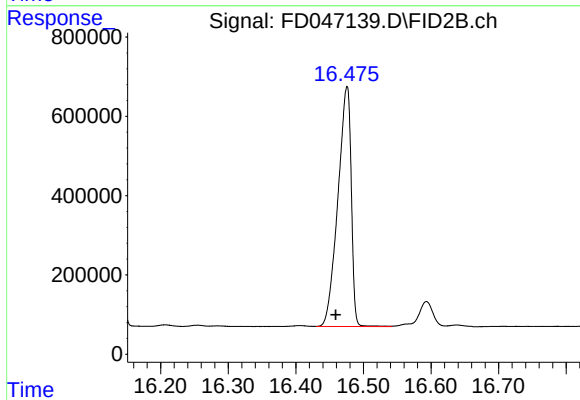
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.100 min
Delta R.T.: 0.016 min
Response: 9359262
Conc: 64.52 ug/ml



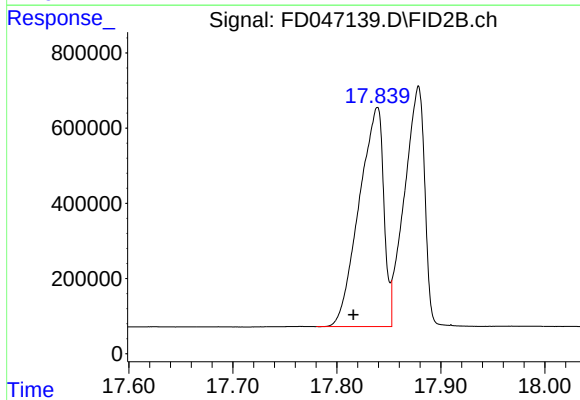
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.138 min
Delta R.T.: 0.023 min
Response: 9414148
Conc: 63.86 ug/ml m



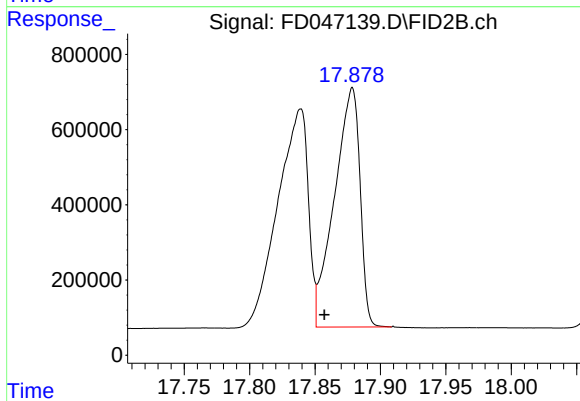
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.016 min
Response: 8295104
Conc: 58.03 ug/ml



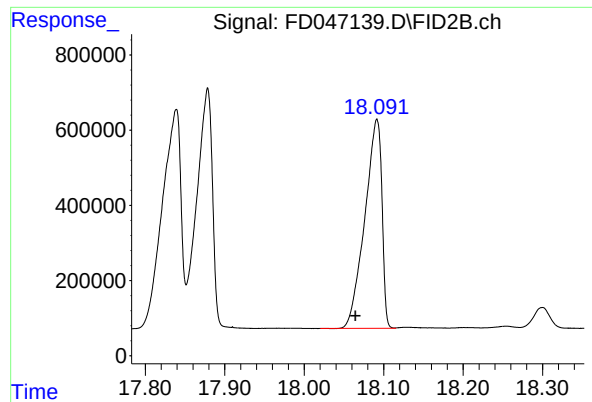
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: 0.022 min
Response: 9621055
Conc: 74.65 ug/ml



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

R.T.: 17.878 min
Delta R.T.: 0.021 min
Response: 8651270
Conc: 61.02 ug/ml m



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

R.T.: 18.091 min
Delta R.T.: 0.026 min
Response: 8322763
Conc: 60.65 ug/ml