

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020124AR\
 Data File : FD047148.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2024 15:57
 Operator : YP/AJ
 Sample : P1187-01
 Misc : LOD 4 PPM
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 06:40:00 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...	7.471	7919053	51.484 ug/ml
Spiked Amount 50.000		Recovery =	102.97%
6) S 2-Fluorobiphenyl (SURR)	8.324	5191705	50.818 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.64%
11) S ortho-Terphenyl (SURR)	11.362	8329970	46.753 ug/ml
Spiked Amount 50.000		Recovery =	93.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	599381	3.847 ug/ml
2) T Naphthalene (C11.7)	5.809	694426	4.145 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	710921	4.193 ug/ml
5) T Acenaphthylene (C15.06)	8.125	744157	4.800 ug/ml
7) T Acenaphthene (C15.5)	8.419	731345	4.429 ug/ml
8) T Flouorene (C16.55)	9.198	737814	4.623 ug/ml
9) T Phenanthrene (C19.36)	10.586	718703	4.540 ug/ml
10) T Anthracene (C19.43)	10.660	718407	4.686 ug/ml
12) T Fluoranthene (C21.85)	12.387	769826	4.825 ug/ml
13) T Pyrene (C20.8)	12.681	774389	5.010 ug/ml
14) T Benzo[a]anthracene (C...	14.545	700811	4.992 ug/ml
15) T Chrysene (C27.41)	14.586	746750	4.821 ug/ml
16) T benzo[b]fluoranthene ...	16.085	697261	4.807 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	724442	4.914 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	677573	4.740 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	580844	4.507 ug/ml
20) T Dibenz[a,h]anthracene...	17.863	692736	4.886 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	638989	4.657 ug/ml

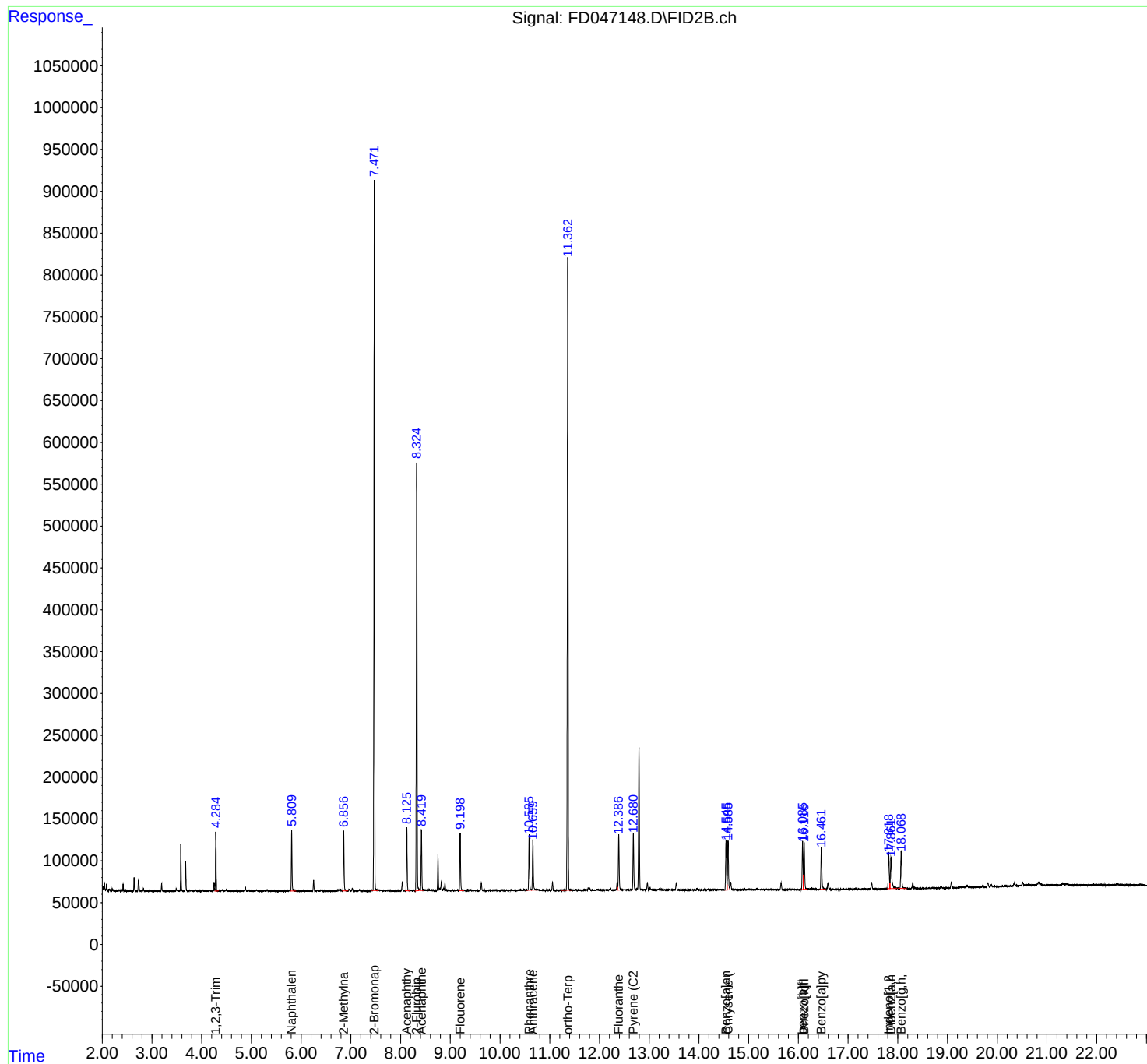
(f)=RT Delta > 1/2 Window

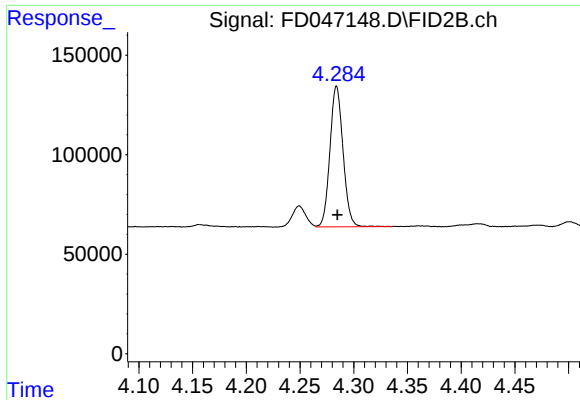
(m)=manual int.

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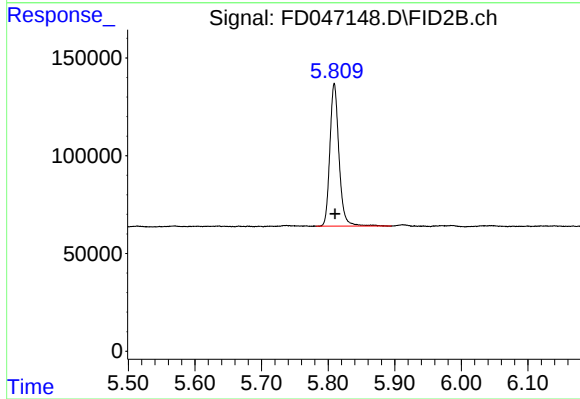
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





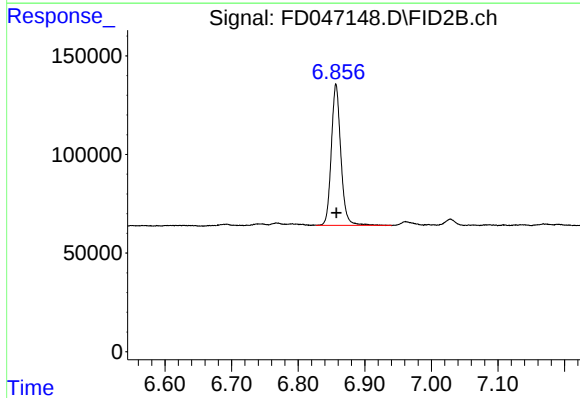
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 599381
Conc: 3.85 ug/ml



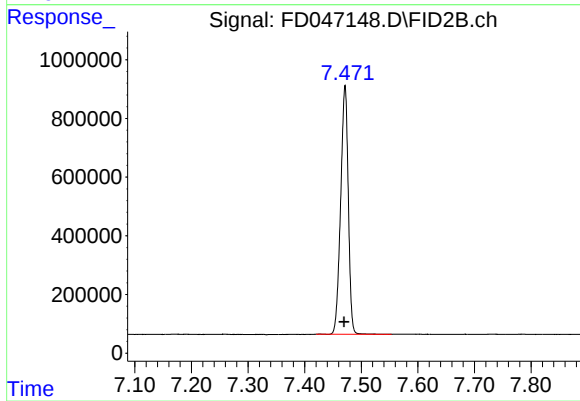
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 694426
Conc: 4.15 ug/ml



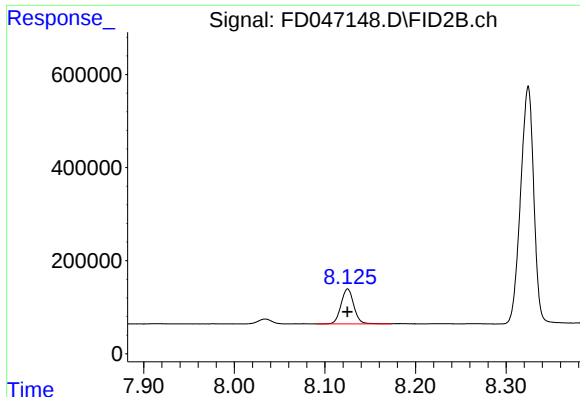
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 710921
Conc: 4.19 ug/ml



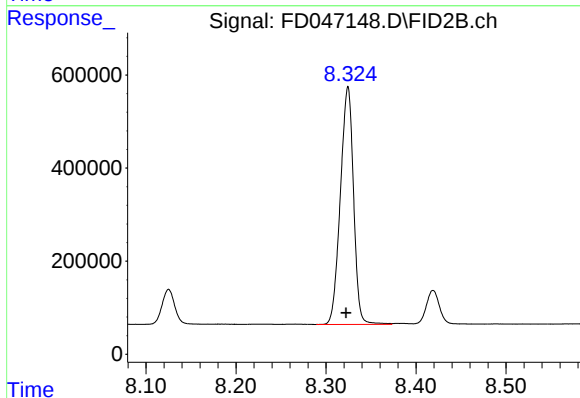
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 7919053
Conc: 51.48 ug/ml



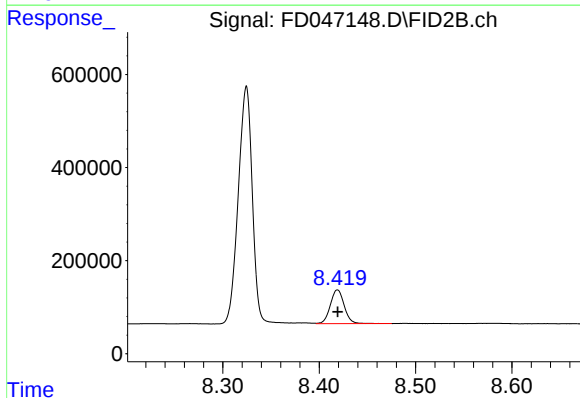
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 744157
Conc: 4.80 ug/ml



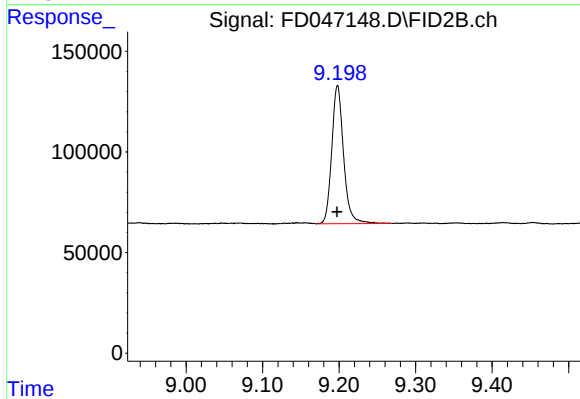
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 5191705
Conc: 50.82 ug/ml



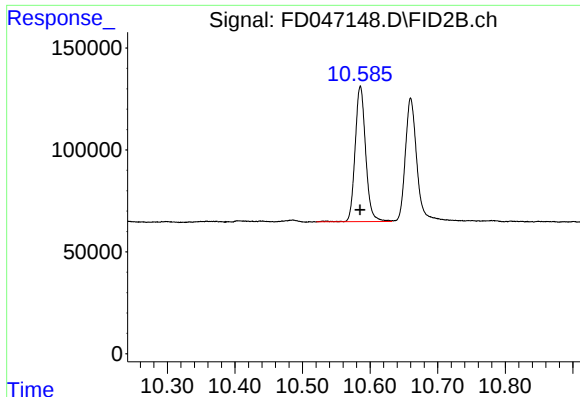
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 731345
Conc: 4.43 ug/ml



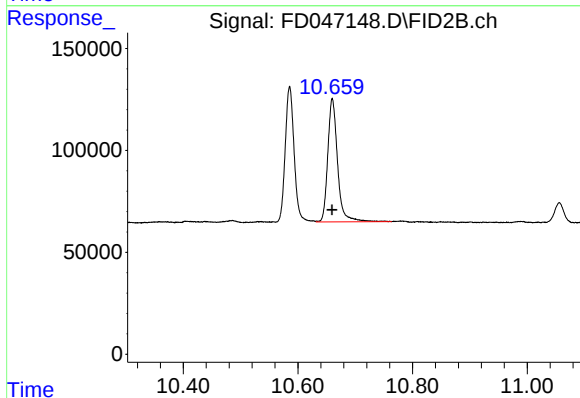
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 737814
Conc: 4.62 ug/ml



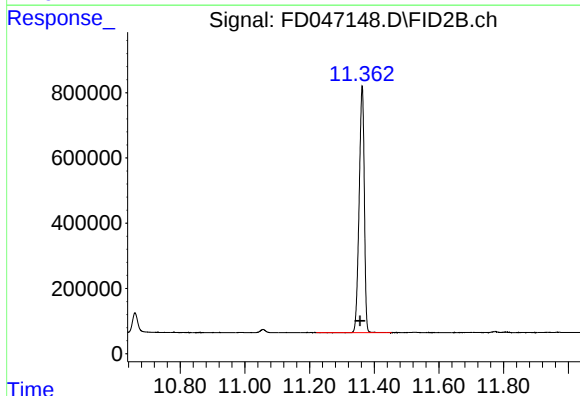
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 718703
Conc: 4.54 ug/ml



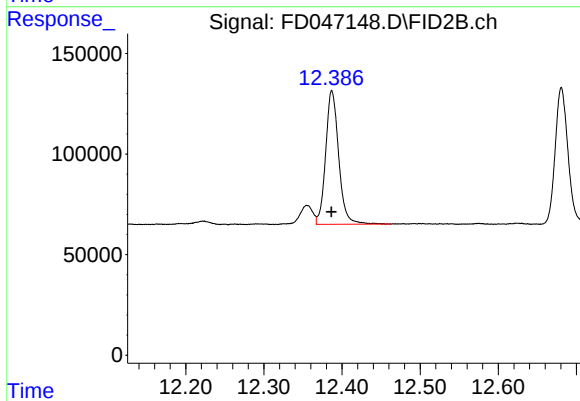
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.000 min
Response: 718407
Conc: 4.69 ug/ml



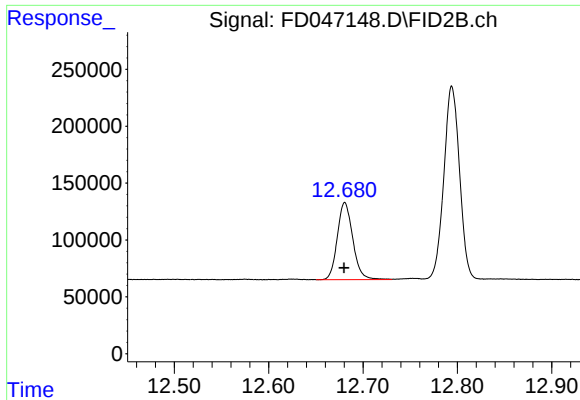
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.006 min
Response: 8329970
Conc: 46.75 ug/ml



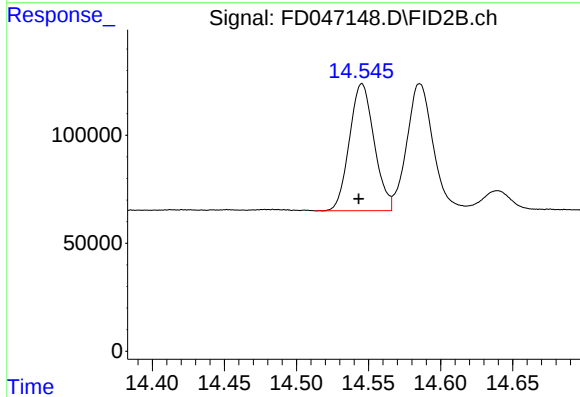
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 769826
Conc: 4.83 ug/ml



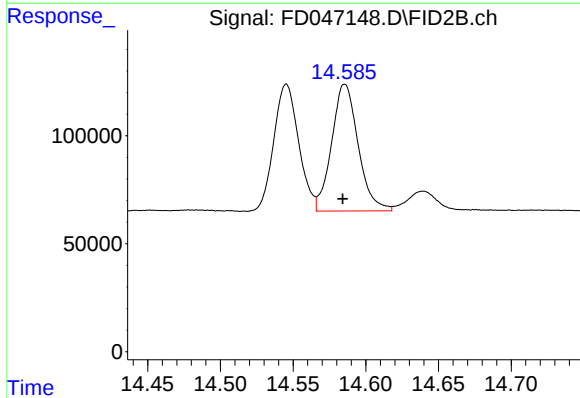
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.001 min
Response: 774389
Conc: 5.01 ug/ml



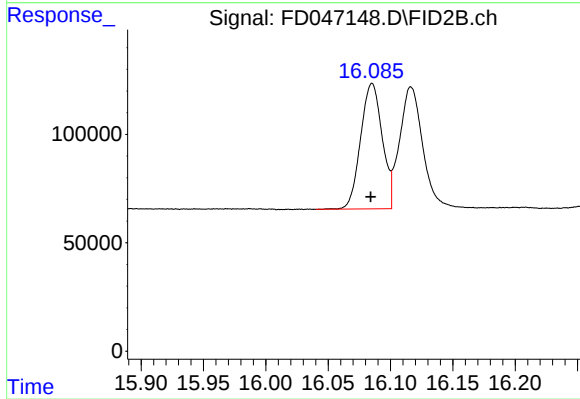
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 700811
Conc: 4.99 ug/ml



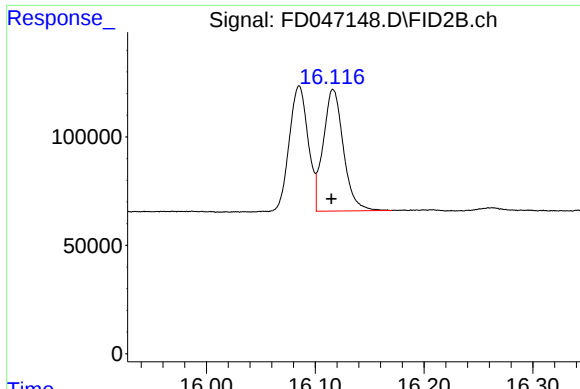
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.001 min
Response: 746750
Conc: 4.82 ug/ml



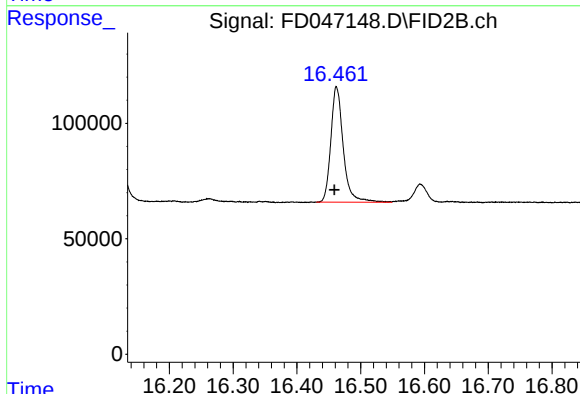
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.085 min
Delta R.T.: 0.001 min
Response: 697261
Conc: 4.81 ug/ml



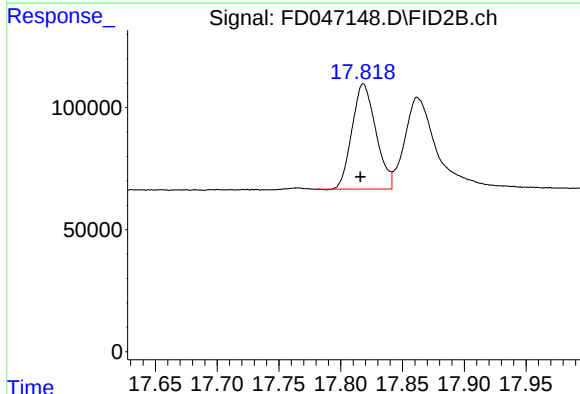
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.117 min
Delta R.T.: 0.002 min
Response: 724442
Conc: 4.91 ug/ml



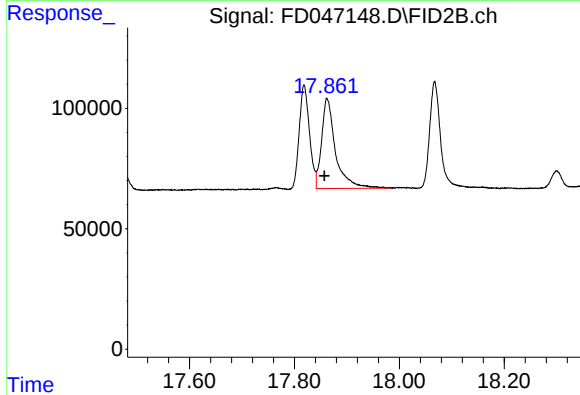
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.003 min
Response: 677573
Conc: 4.74 ug/ml



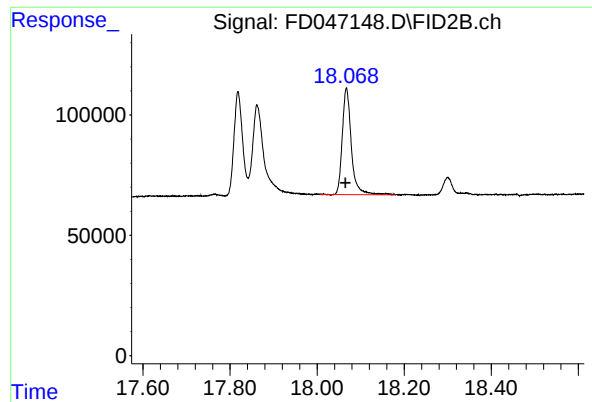
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.003 min
Response: 580844
Conc: 4.51 ug/ml



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

R.T.: 17.863 min
Delta R.T.: 0.005 min
Response: 692736
Conc: 4.89 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.003 min
Response: 638989
Conc: 4.66 ug/ml