

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020124AR\
 Data File : FD047147.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2024 15:20
 Operator : YP/AJ
 Sample : P1187-01
 Misc : LOD 2.5 PPM
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 08:22:40 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	8609229	55.971 ug/ml
Spiked Amount 50.000		Recovery =	111.94%
6) S 2-Fluorobiphenyl (SURR)	8.324	5278368	51.667 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.33%
11) S ortho-Terphenyl (SURR)	11.363	8907784	49.996 ug/ml
Spiked Amount 50.000		Recovery =	99.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	406736	2.611 ug/ml
2) T Naphthalene (C11.7)	5.810	463805	2.769 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	497549	2.935 ug/ml
5) T Acenaphthylene (C15.06)	8.125	496100	3.200 ug/ml
7) T Acenaphthene (C15.5)	8.419	497982	3.016 ug/ml
8) T Fluorene (C16.55)	9.199	501658	3.143 ug/ml
9) T Phenanthrene (C19.36)	10.586	477623	3.017 ug/ml
10) T Anthracene (C19.43)	10.661	472049	3.079 ug/ml
12) T Fluoranthene (C21.85)	12.388	512492	3.212 ug/ml
13) T Pyrene (C20.8)	12.682	509533	3.296 ug/ml
14) T Benzo[a]anthracene (C...	14.546	455420	3.244 ug/ml
15) T Chrysene (C27.41)	14.585	494767	3.195 ug/ml
16) T benzo[b]fluoranthene ...	16.085	454247	3.132 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	495610	3.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	474249	3.318 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.822	374152	2.903 ug/mlm
20) T Dibenz[a,h]anthracene...	17.865	430852	3.039 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.069	400464	2.918 ug/ml

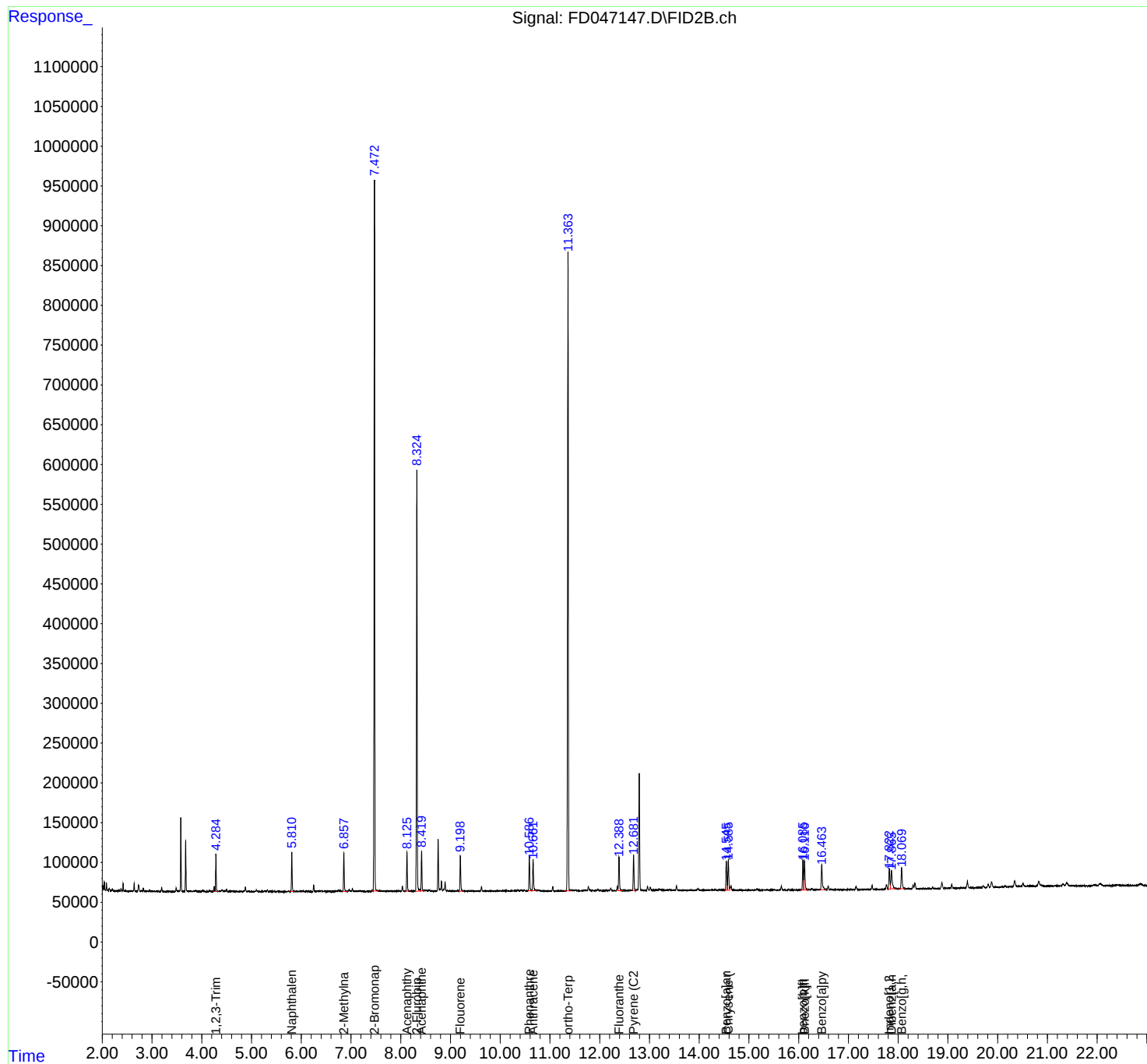
(f)=RT Delta > 1/2 Window

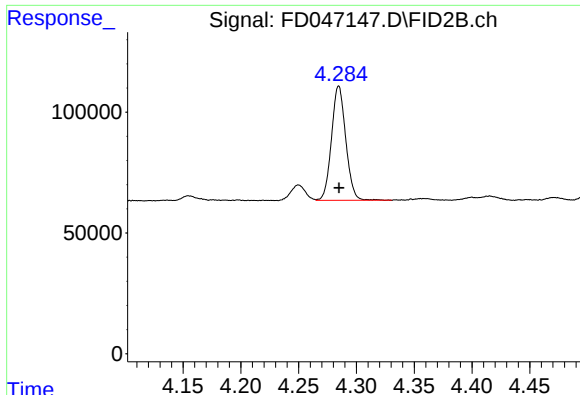
(m)=manual int.

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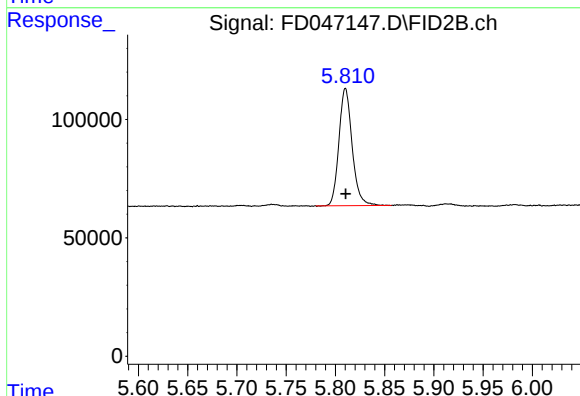
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Signal Info : 20M x 0.18mm x 0.18µm





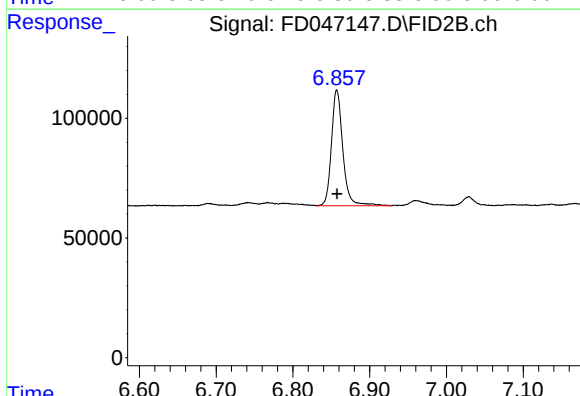
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 406736
Conc: 2.61 ug/ml



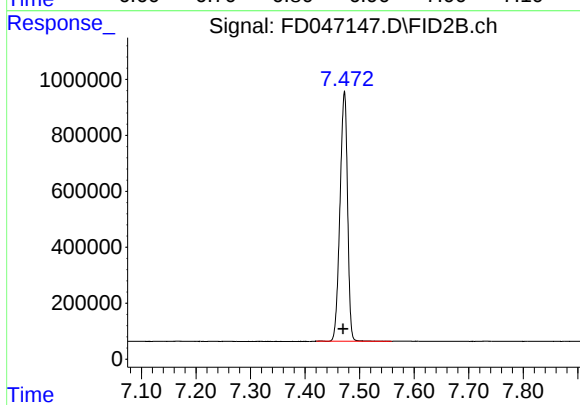
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 463805
Conc: 2.77 ug/ml



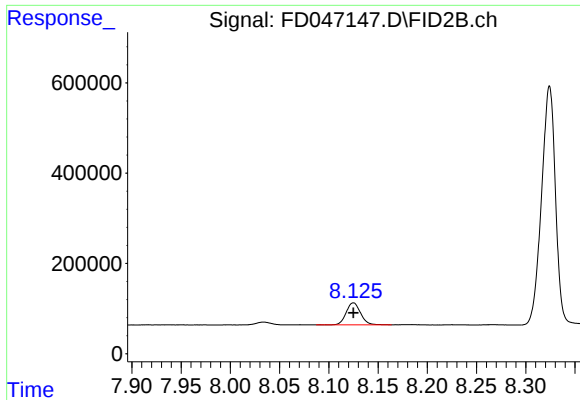
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 497549
Conc: 2.93 ug/ml



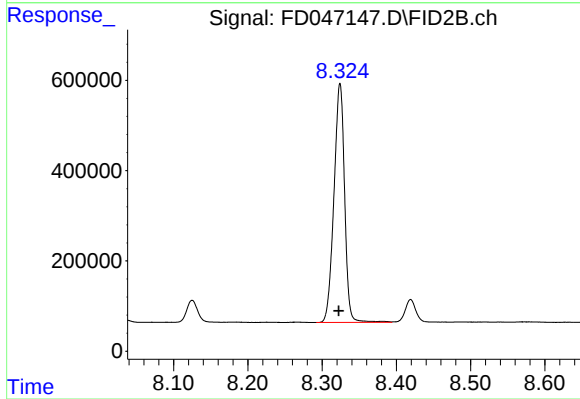
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 8609229
Conc: 55.97 ug/ml



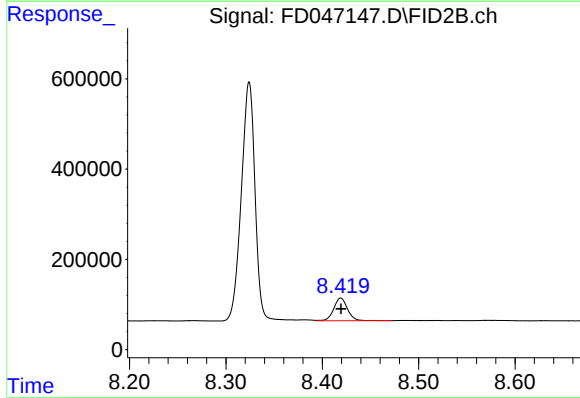
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 496100
Conc: 3.20 ug/ml



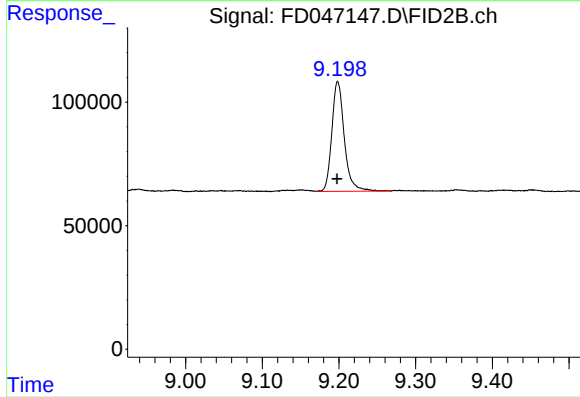
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 5278368
Conc: 51.67 ug/ml



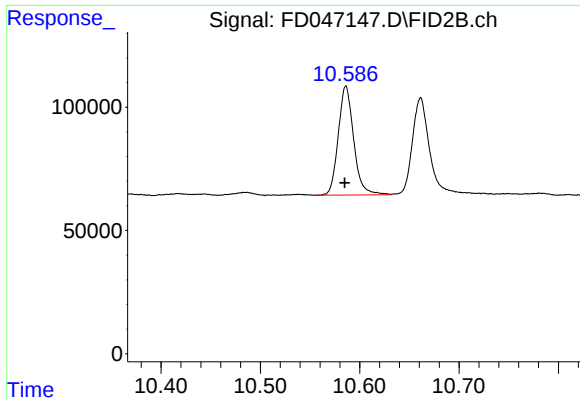
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 497982
Conc: 3.02 ug/ml



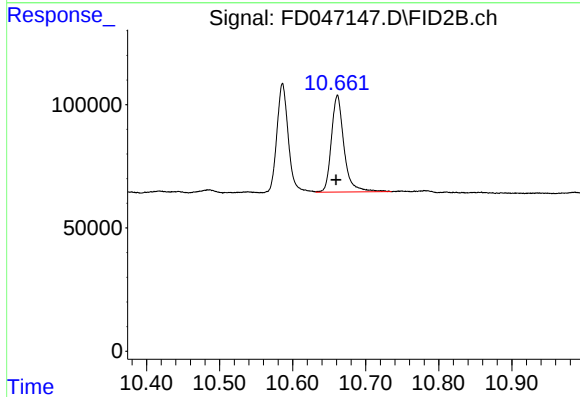
#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.001 min
Response: 501658
Conc: 3.14 ug/ml



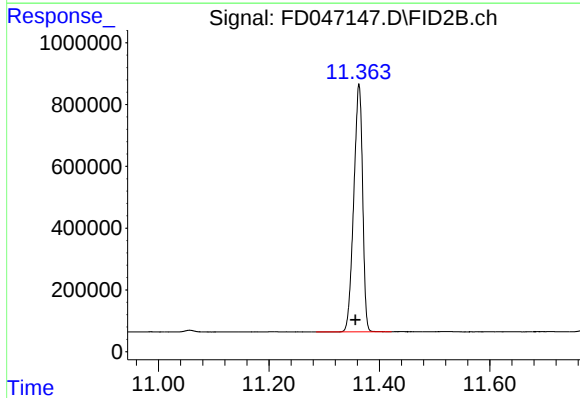
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.001 min
Response: 477623
Conc: 3.02 ug/ml



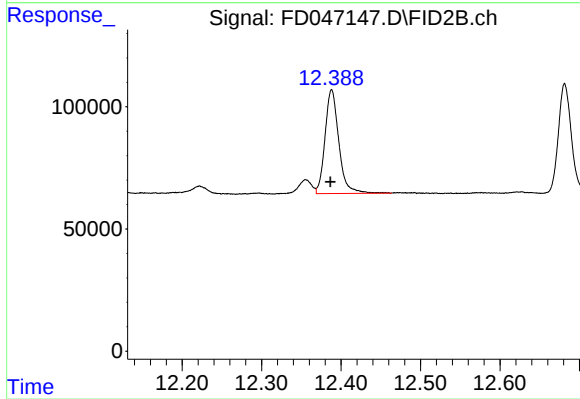
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.002 min
Response: 472049
Conc: 3.08 ug/ml



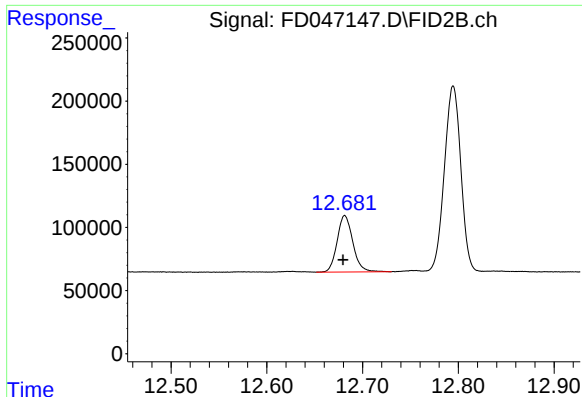
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: 0.006 min
Response: 8907784
Conc: 50.00 ug/ml



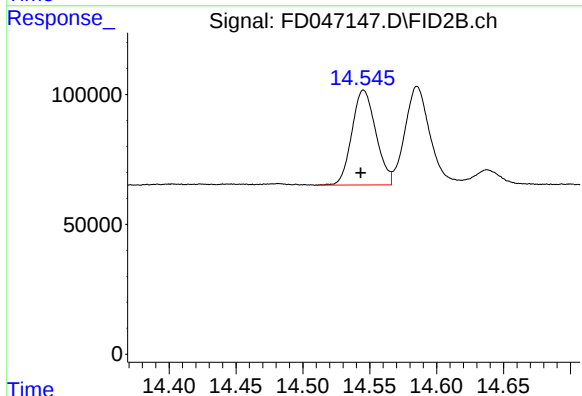
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 512492
Conc: 3.21 ug/ml



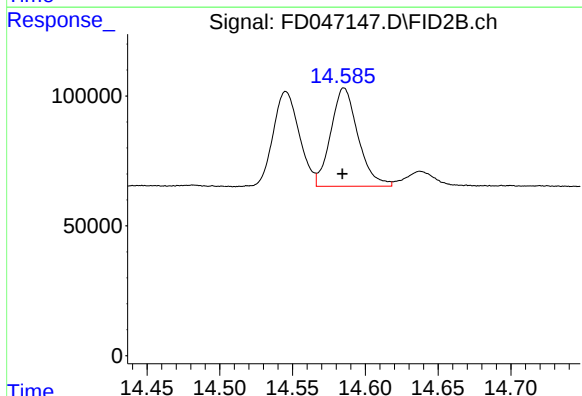
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.002 min
Response: 509533
Conc: 3.30 ug/ml



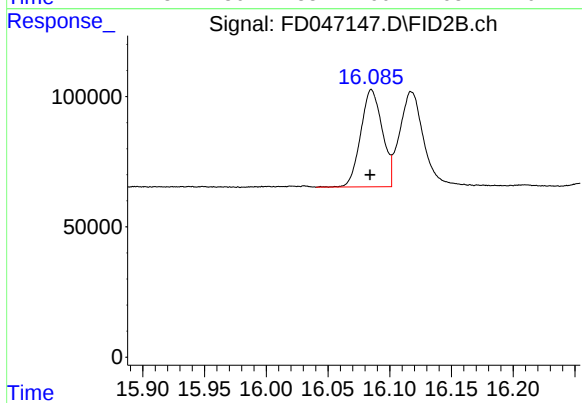
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.002 min
Response: 455420
Conc: 3.24 ug/ml



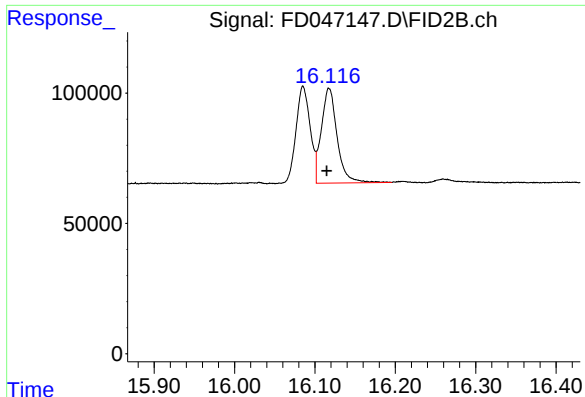
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.001 min
Response: 494767
Conc: 3.19 ug/ml



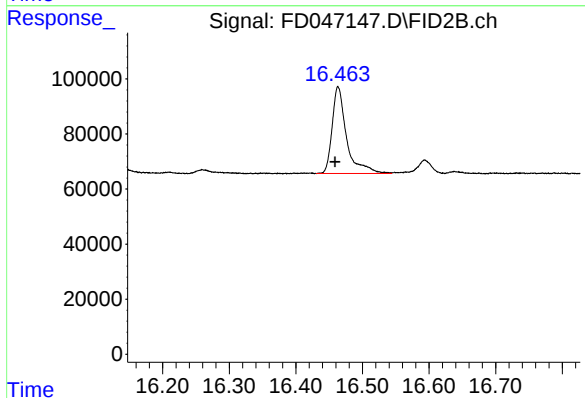
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.085 min
Delta R.T.: 0.001 min
Response: 454247
Conc: 3.13 ug/ml



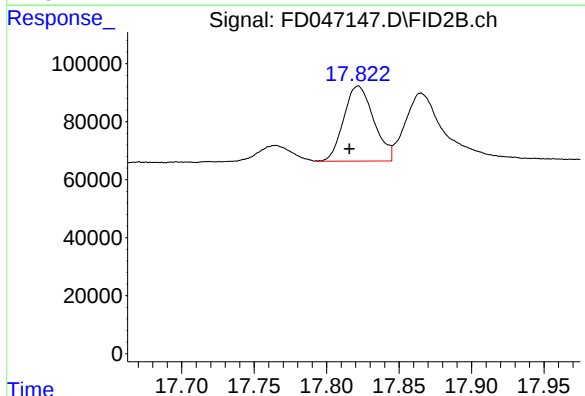
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.003 min
Response: 495610
Conc: 3.36 ug/ml



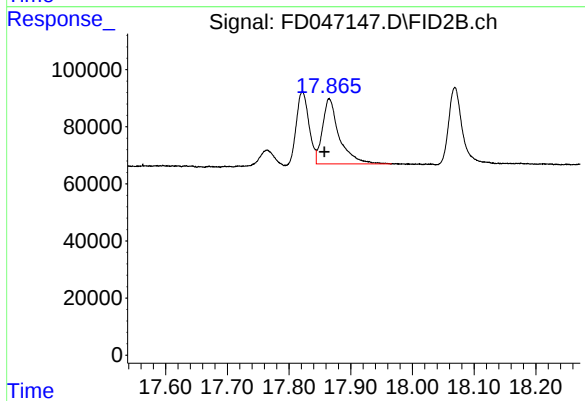
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.005 min
Response: 474249
Conc: 3.32 ug/ml



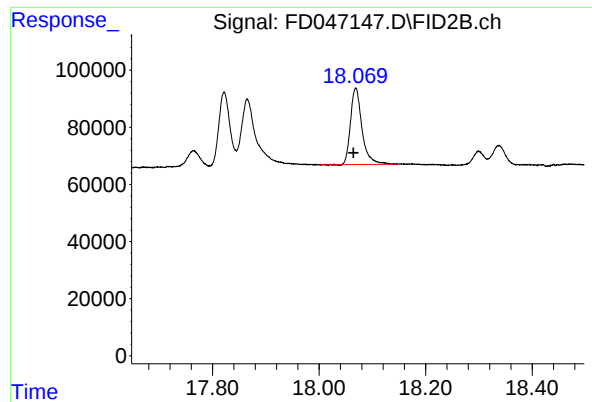
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.006 min
Response: 374152
Conc: 2.90 ug/ml m



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

R.T.: 17.865 min
Delta R.T.: 0.008 min
Response: 430852
Conc: 3.04 ug/ml m



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

R.T.: 18.069 min
Delta R.T.: 0.004 min
Response: 400464
Conc: 2.92 ug/ml