

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122223AR\
 Data File : FD047080.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2023 15:41
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 16:12:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:12:05 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...	7.471	768197	4.634 ug/ml
Spiked Amount 50.000		Recovery =	9.27%
6) S 2-Fluorobiphenyl (SURR)	8.325	471692	4.526 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.05%
11) S ortho-Terphenyl (SURR)	11.357	924613	4.788 ug/ml
Spiked Amount 50.000		Recovery =	9.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	880103	4.878 ug/ml
2) T Naphthalene (C11.7)	5.812	875045	4.754 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	862428	4.699 ug/ml
5) T Acenaphthylene (C15.06)	8.127	791143	4.716 ug/ml
7) T Acenaphthene (C15.5)	8.420	863493	4.801 ug/ml
8) T Fluorene (C16.55)	9.200	753721	4.547 ug/ml
9) T Phenanthrene (C19.36)	10.587	689382	4.420 ug/ml
10) T Anthracene (C19.43)	10.662	635903	4.390 ug/ml
12) T Fluoranthene (C21.85)	12.390	678853	4.485 ug/ml
13) T Pyrene (C20.8)	12.682	658037	4.487 ug/ml
14) T Benzo[a]anthracene (C...	14.547	532903	4.330 ug/ml
15) T Chrysene (C27.41)	14.587	701701	4.999 ug/ml
16) T benzo[b]fluoranthene ...	16.086	580990	4.510 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	654061	4.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	581200	4.574 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	423963	3.824 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	620983	4.860 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	593992	4.636 ug/ml

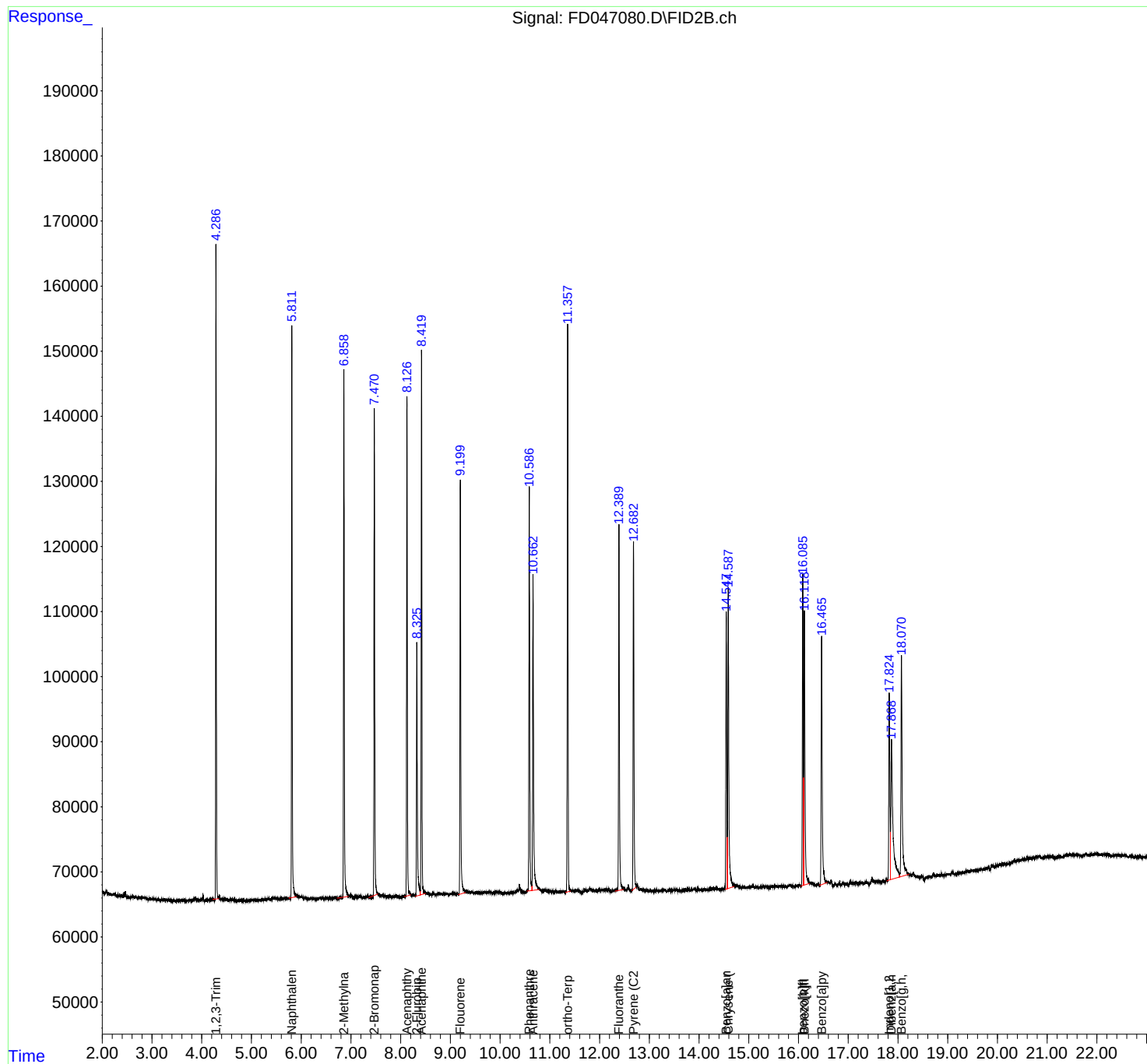
(f)=RT Delta > 1/2 Window

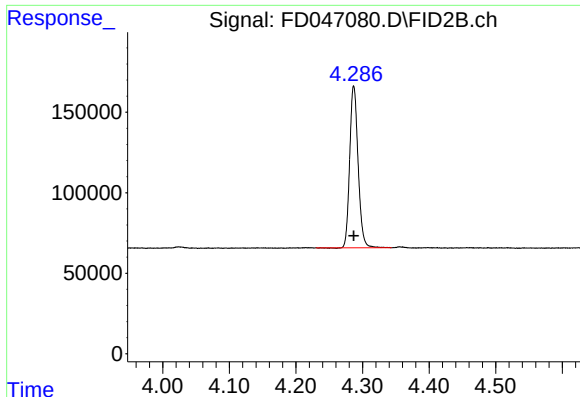
(m)=manual int.

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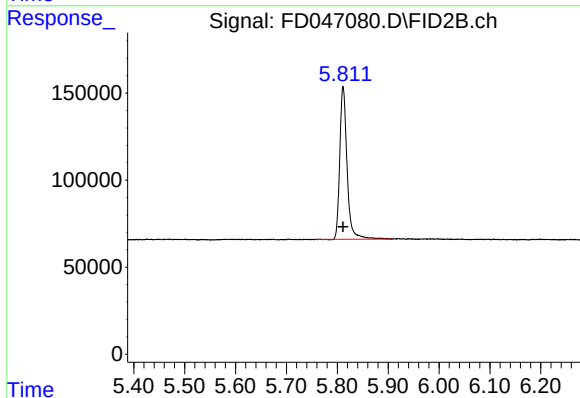
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Signal Info : 20M x 0.18mm x 0.18µm





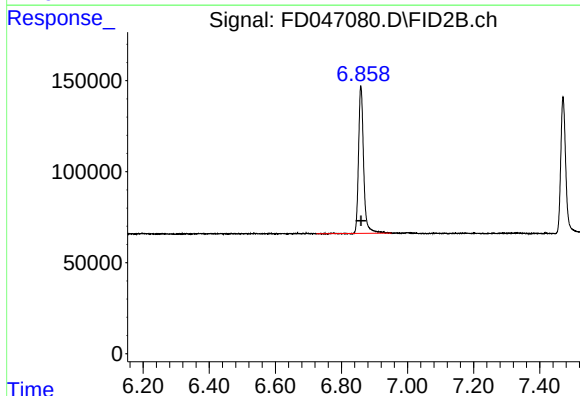
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 880103
Conc: 4.88 ug/ml



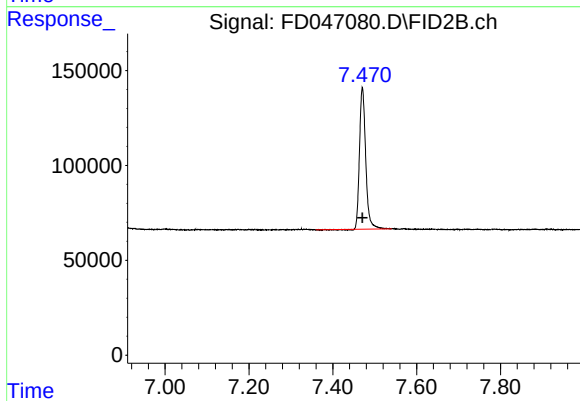
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 875045
Conc: 4.75 ug/ml



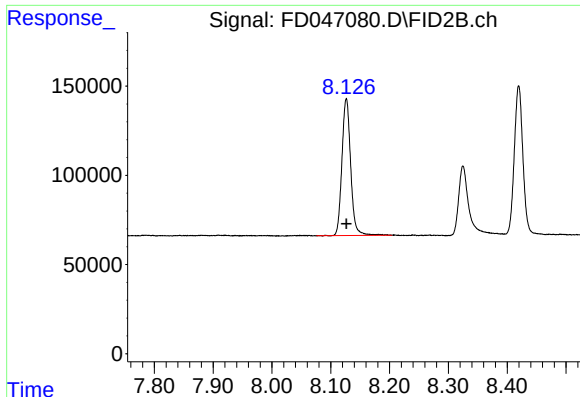
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 862428
Conc: 4.70 ug/ml



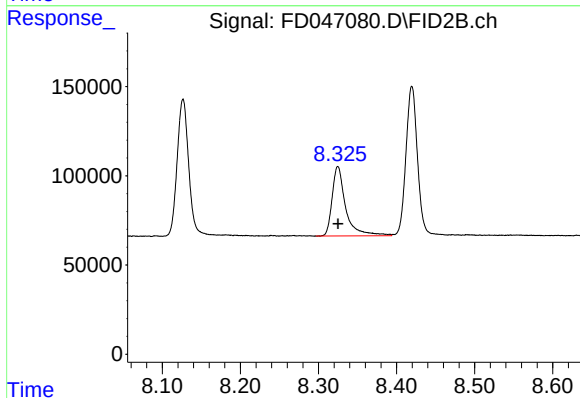
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 768197
Conc: 4.63 ug/ml



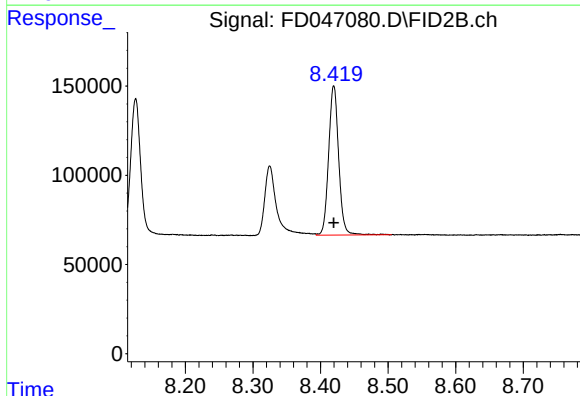
#5 Acenaphthylene (C15.06)

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 791143
Conc: 4.72 ug/ml



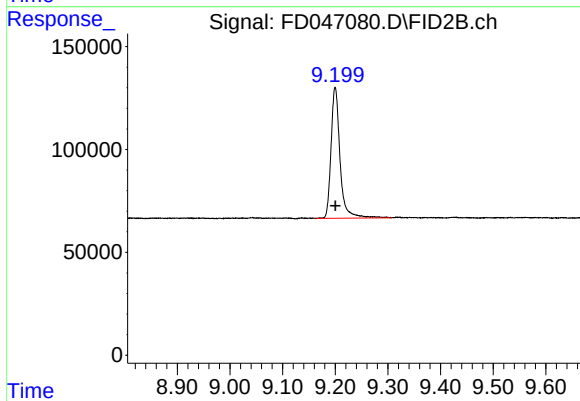
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 471692
Conc: 4.53 ug/ml



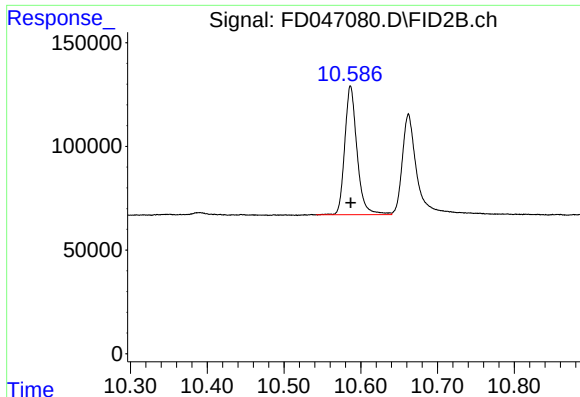
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 863493
Conc: 4.80 ug/ml



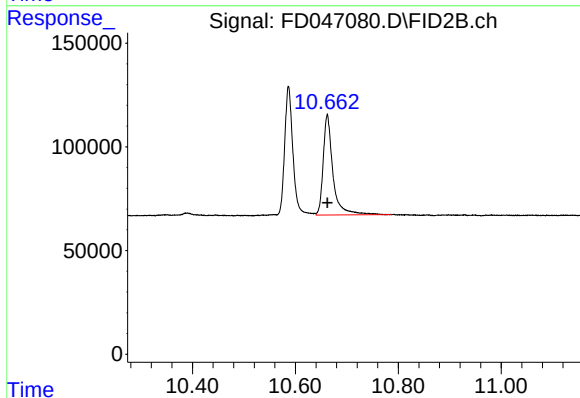
#8 Flouorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 753721
Conc: 4.55 ug/ml



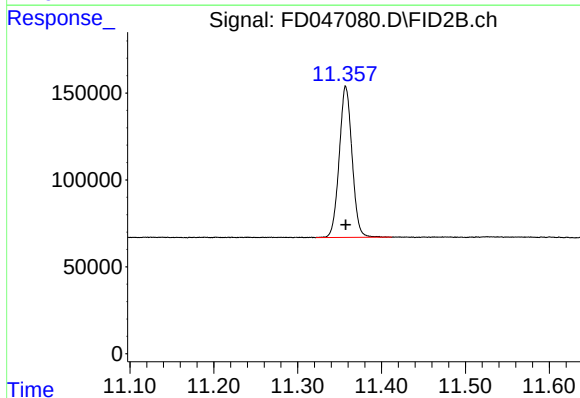
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.000 min
Response: 689382
Conc: 4.42 ug/ml



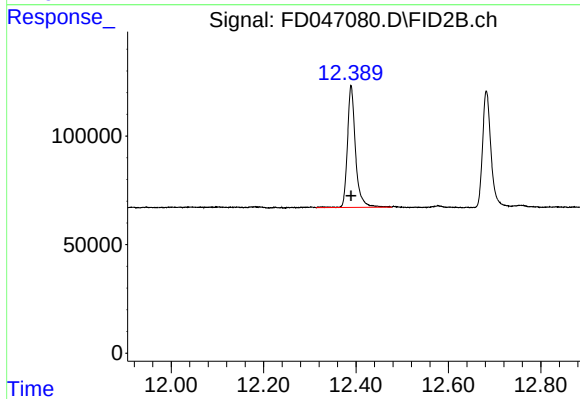
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.000 min
Response: 635903
Conc: 4.39 ug/ml



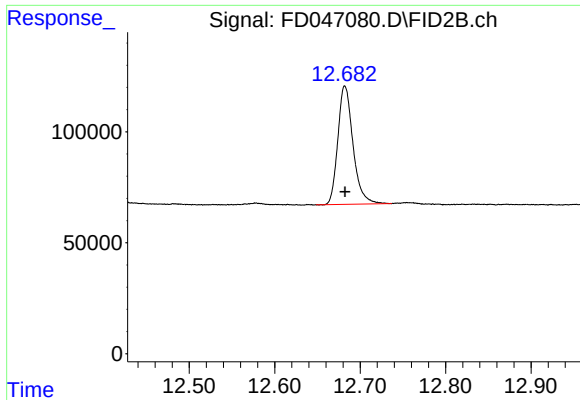
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.000 min
Response: 924613
Conc: 4.79 ug/ml



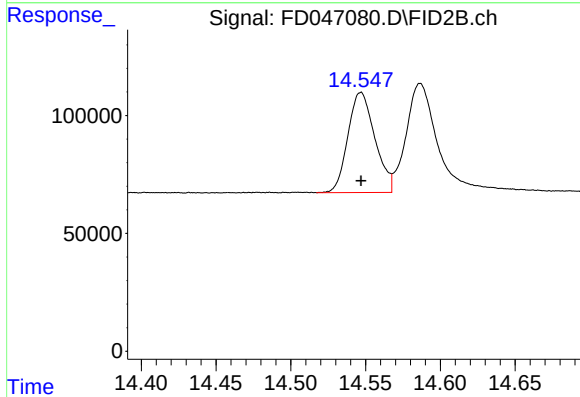
#12 Fluoranthene (C21.85)

R.T.: 12.390 min
Delta R.T.: 0.000 min
Response: 678853
Conc: 4.48 ug/ml



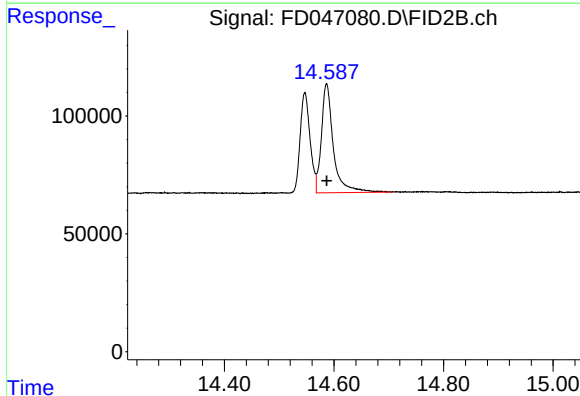
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 658037
Conc: 4.49 ug/ml



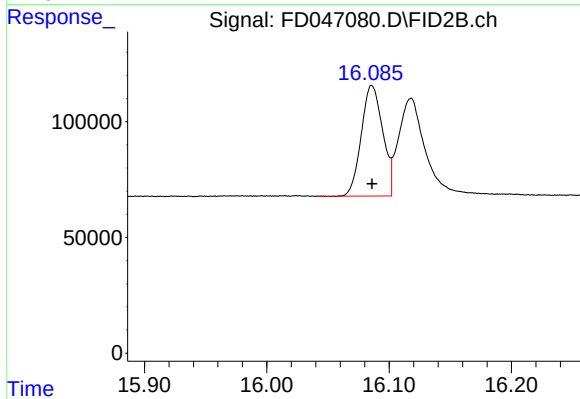
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.000 min
Response: 532903
Conc: 4.33 ug/ml



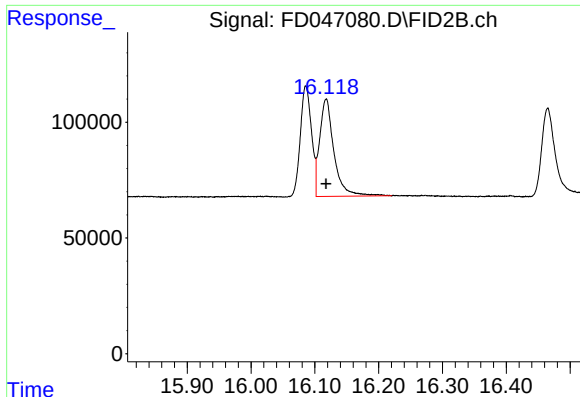
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 701701
Conc: 5.00 ug/ml



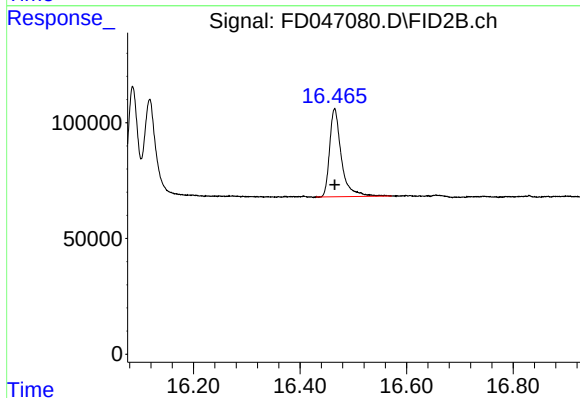
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 580990
Conc: 4.51 ug/ml



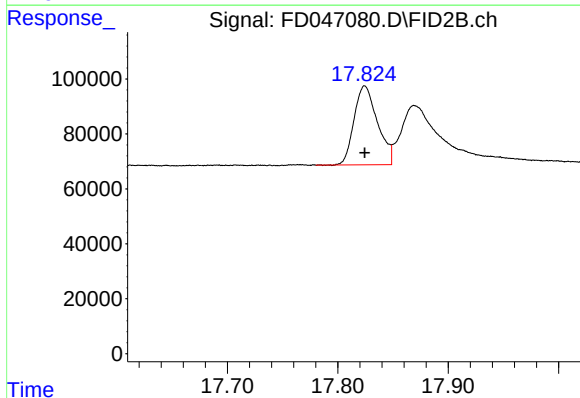
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.000 min
Response: 654061
Conc: 4.92 ug/ml



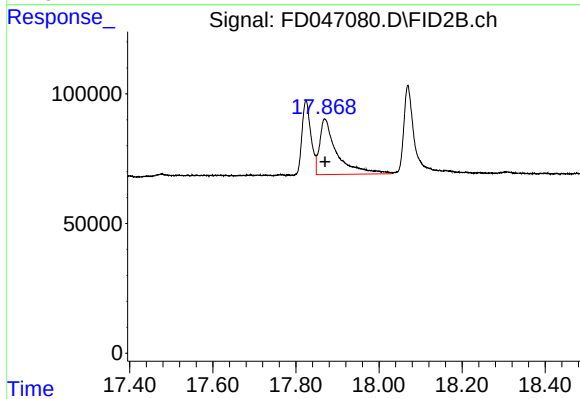
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.000 min
Response: 581200
Conc: 4.57 ug/ml



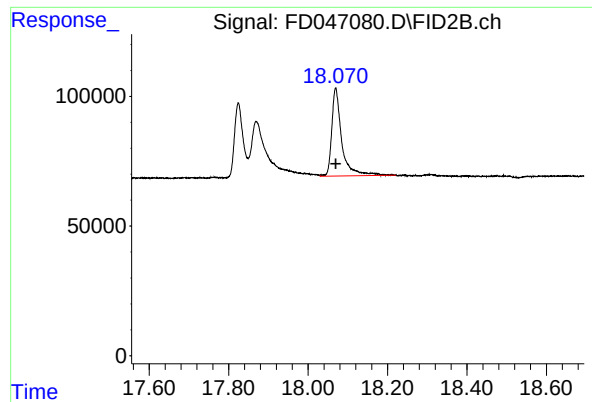
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 423963
Conc: 3.82 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.000 min
Response: 620983
Conc: 4.86 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 593992
Conc: 4.64 ug/ml