

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081622AR\
 Data File : FD043613.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2022 17:48
 Operator : YP/AJ
 Sample : PB147060BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 05:38:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.610	5597116	39.569 ug/ml
Spiked Amount 50.000		Recovery =	79.14%
6) S 2-Fluorobiphenyl (SURR)	8.475	3708861	39.013 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.03%
11) S ortho-Terphenyl (SURR)	11.521	5983574	35.303 ug/ml
Spiked Amount 50.000		Recovery =	70.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	4390272	27.992 ug/ml
2) T Naphthalene (C11.7)	5.944	4926920	30.471 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	5117338	34.949 ug/ml
5) T Acenaphthylene (C15.06)	8.277	5124328	31.566 ug/ml
7) T Acenaphthene (C15.5)	8.574	5588412	34.566 ug/ml
8) T Flouorene (C16.55)	9.356	5697756	36.362 ug/ml
9) T Phenanthrene (C19.36)	10.754	5677138	36.224 ug/ml
10) T Anthracene (C19.43)	10.829	5707007	37.054 ug/ml
12) T Fluoranthene (C21.85)	12.569	5560414	35.107 ug/ml
13) T Pyrene (C20.8)	12.866	5523455	35.146 ug/ml
14) T Benzo[a]anthracene (C...	14.740	5339709	36.194 ug/ml
15) T Chrysene (C27.41)	14.784	6087439	38.957 ug/ml
16) T benzo[b]fluoranthene ...	16.294	5495147	36.736 ug/ml
17) T Bnezo[k]fluoranthene ...	16.328	5500797	36.659 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	4930476	34.882 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.041	5362352	45.372 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	5230377	36.875 ug/ml
21) T Benzo[g,h,i]perylene ...	18.297	5245505	40.336 ug/ml

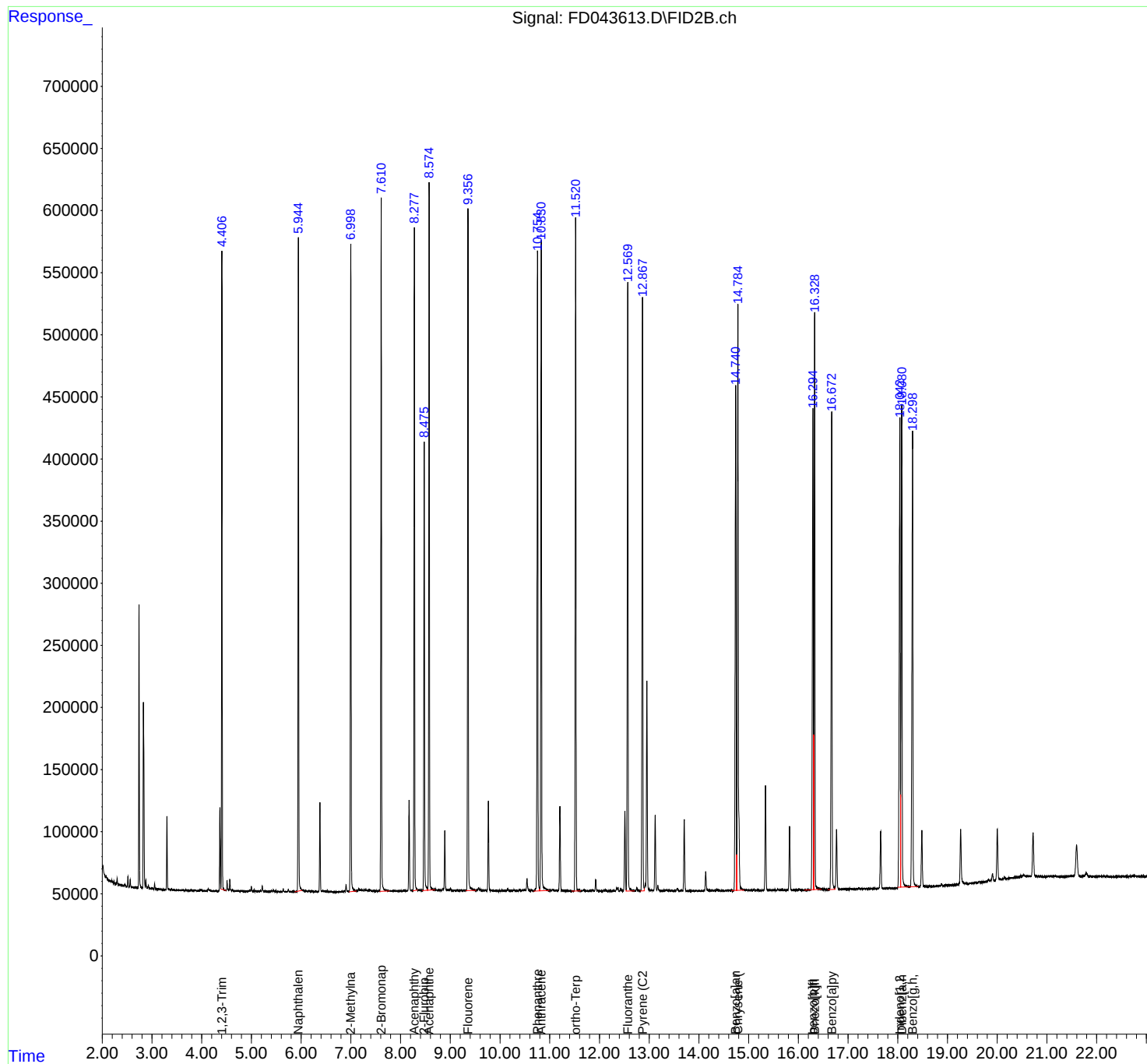
(f)=RT Delta > 1/2 Window

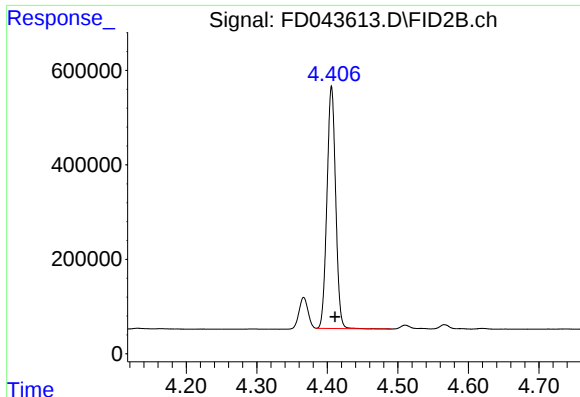
(m)=manual int.

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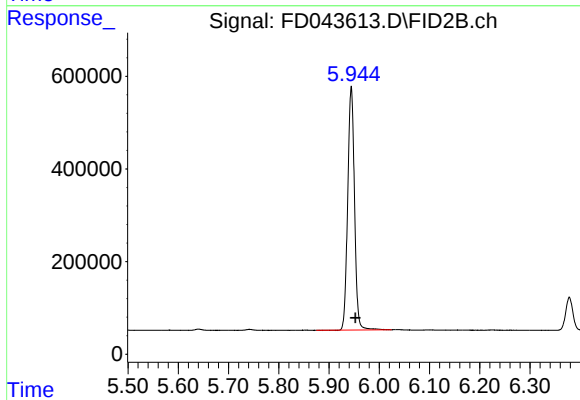
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Signal Info : 20M x 0.18mm x 0.18µm





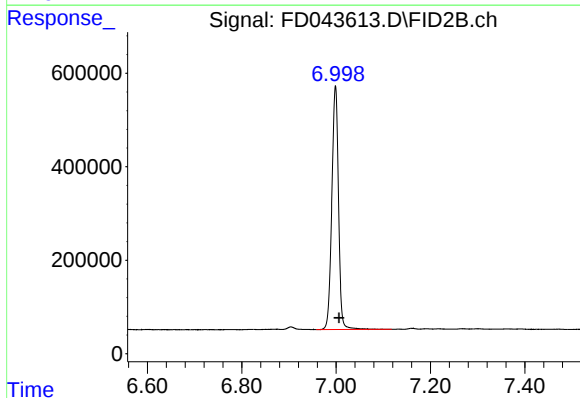
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 4390272
Conc: 27.99 ug/ml



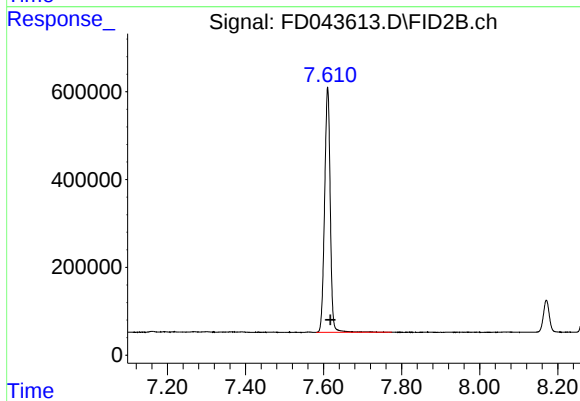
#2 Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 4926920
Conc: 30.47 ug/ml



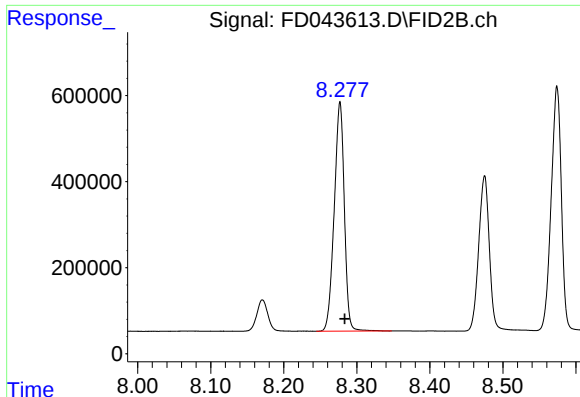
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 5117338
Conc: 34.95 ug/ml



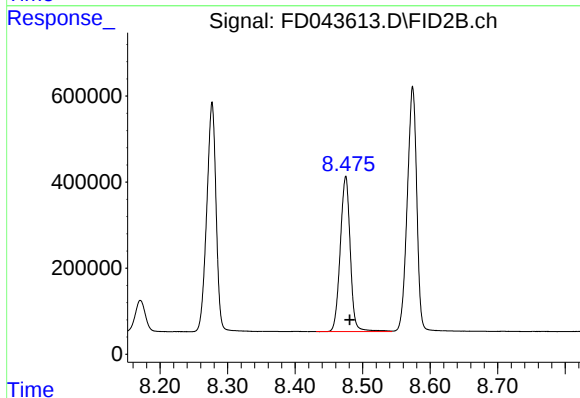
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.007 min
Response: 5597116
Conc: 39.57 ug/ml



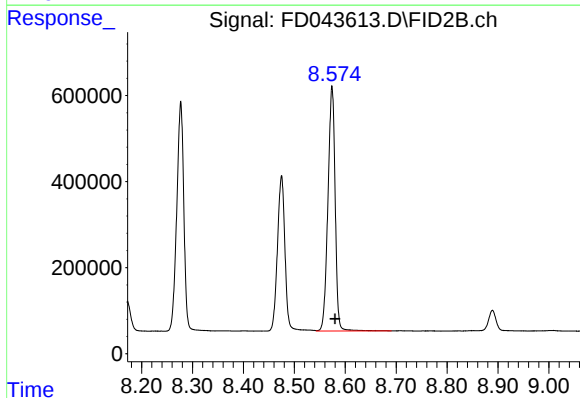
#5 Acenaphthylene (C15.06)

R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 5124328
Conc: 31.57 ug/ml



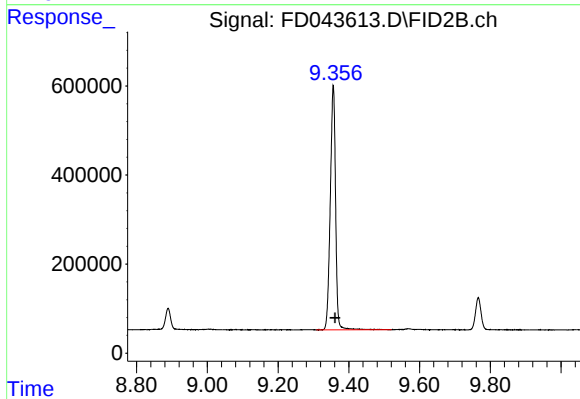
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.475 min
Delta R.T.: -0.006 min
Response: 3708861
Conc: 39.01 ug/ml



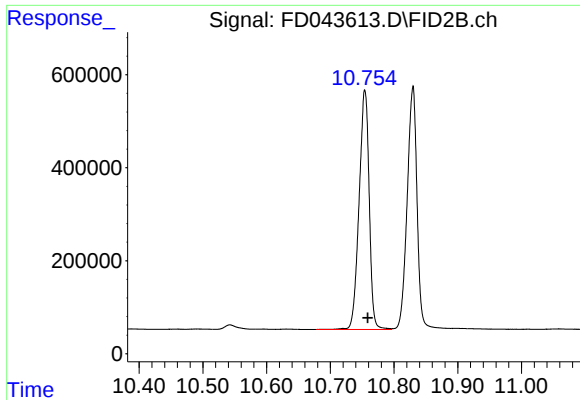
#7 Acenaphthene (C15.5)

R.T.: 8.574 min
Delta R.T.: -0.006 min
Response: 5588412
Conc: 34.57 ug/ml



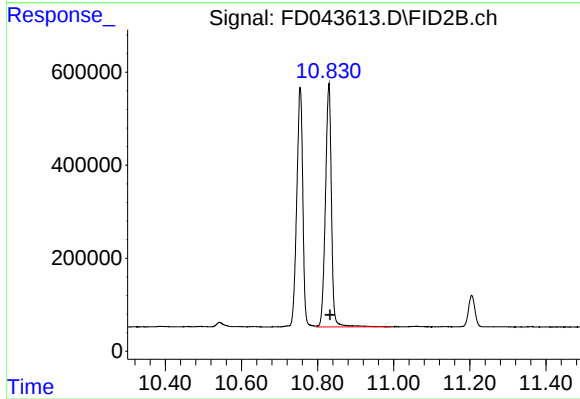
#8 Fluorene (C16.55)

R.T.: 9.356 min
Delta R.T.: -0.006 min
Response: 5697756
Conc: 36.36 ug/ml



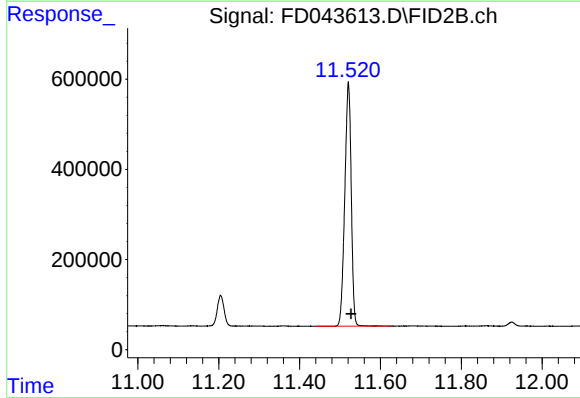
#9 Phenanthrene (C19.36)

R.T.: 10.754 min
Delta R.T.: -0.004 min
Response: 5677138
Conc: 36.22 ug/ml



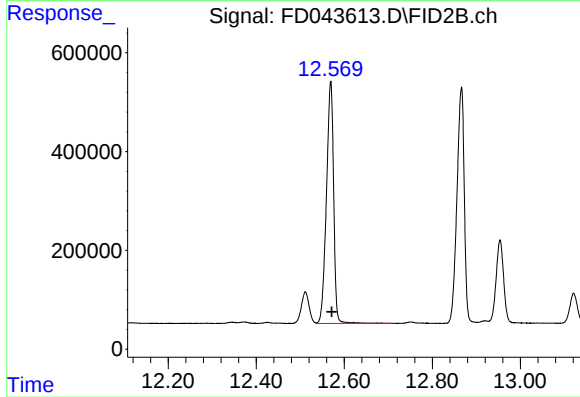
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: -0.004 min
Response: 5707007
Conc: 37.05 ug/ml



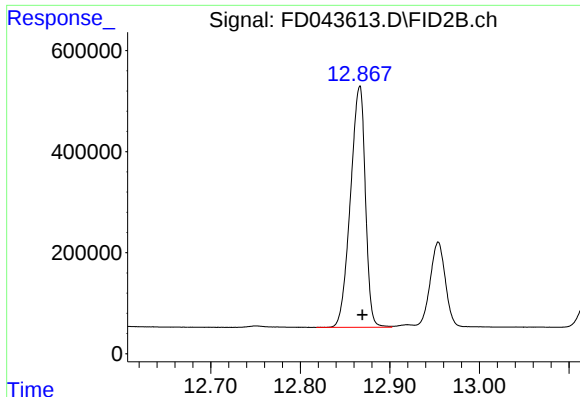
#11 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.006 min
Response: 5983574
Conc: 35.30 ug/ml



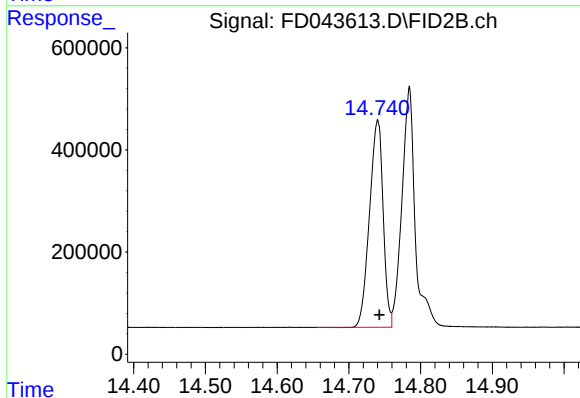
#12 Fluoranthene (C21.85)

R.T.: 12.569 min
Delta R.T.: -0.003 min
Response: 5560414
Conc: 35.11 ug/ml



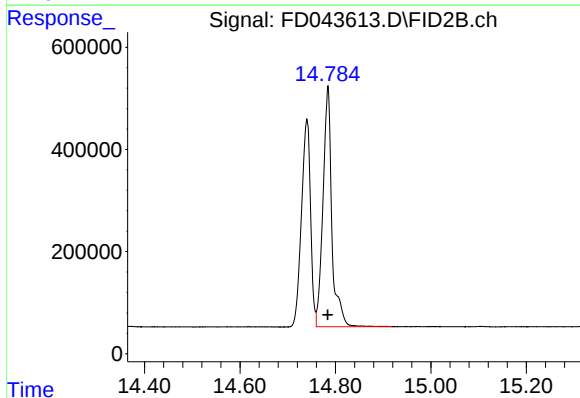
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: -0.004 min
Response: 5523455
Conc: 35.15 ug/ml



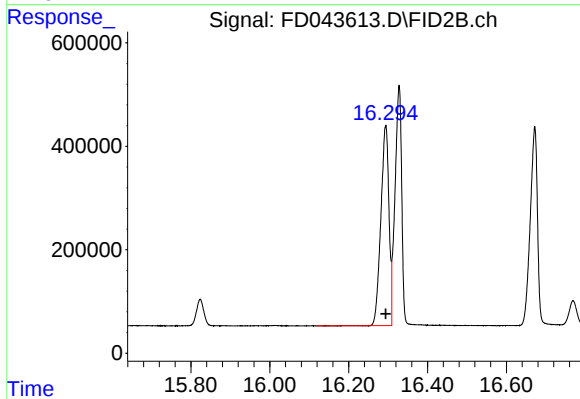
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: -0.003 min
Response: 5339709
Conc: 36.19 ug/ml



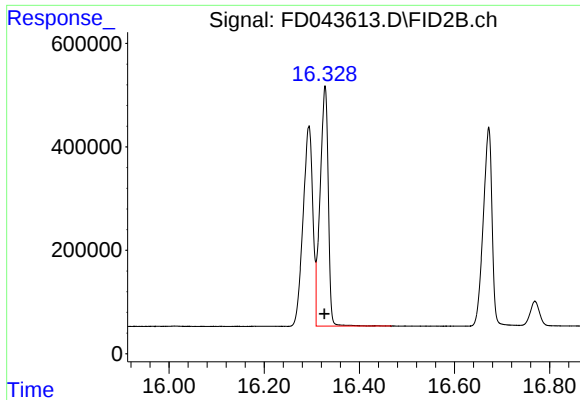
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 6087439
Conc: 38.96 ug/ml



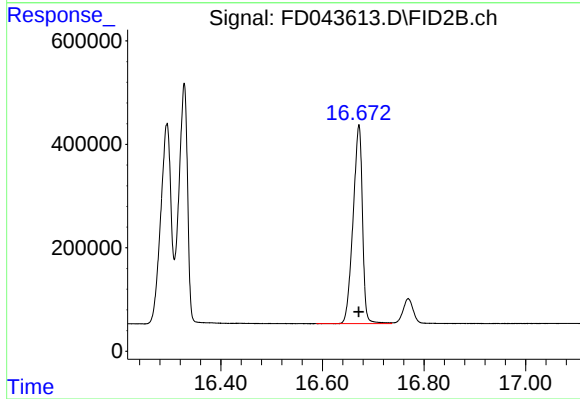
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: 0.000 min
Response: 5495147
Conc: 36.74 ug/ml



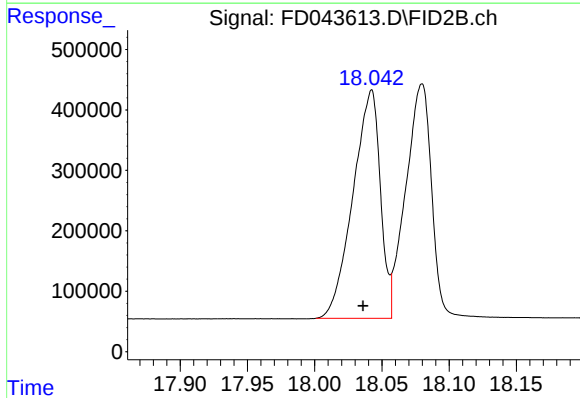
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.328 min
Delta R.T.: 0.001 min
Response: 5500797
Conc: 36.66 ug/ml



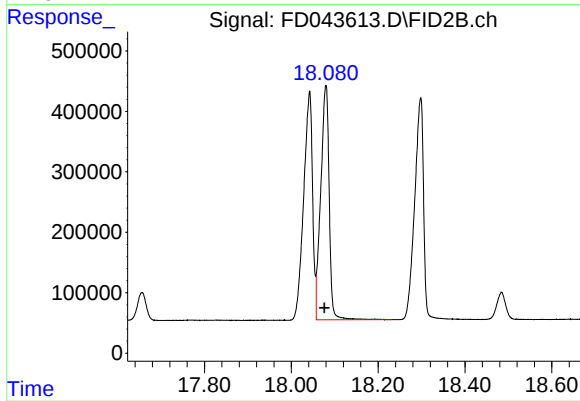
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.000 min
Response: 4930476
Conc: 34.88 ug/ml



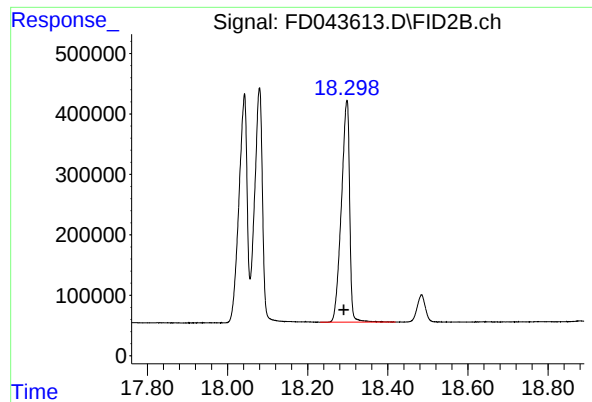
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 5362352
Conc: 45.37 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.003 min
Response: 5230377
Conc: 36.88 ug/ml



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

R.T.: 18.297 min
Delta R.T.: 0.007 min
Response: 5245505
Conc: 40.34 ug/ml