

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081622AR\
 Data File : FD043614.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2022 18:38
 Operator : YP/AJ
 Sample : PB147060BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 05:38:59 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	5396805	38.153 ug/ml
Spiked Amount 50.000		Recovery =	76.31%
6) S 2-Fluorobiphenyl (SURR)	8.474	3564033	37.490 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.98%
11) S ortho-Terphenyl (SURR)	11.521	5771101	34.050 ug/ml
Spiked Amount 50.000		Recovery =	68.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	3484765	22.219 ug/ml
2) T Naphthalene (C11.7)	5.944	4751787	29.388 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	4940564	33.742 ug/ml
5) T Acenaphthylene (C15.06)	8.275	4942295	30.444 ug/ml
7) T Acenaphthene (C15.5)	8.572	5374763	33.245 ug/ml
8) T Fluorene (C16.55)	9.355	5484109	34.998 ug/ml
9) T Phenanthrene (C19.36)	10.753	5468878	34.895 ug/ml
10) T Anthracene (C19.43)	10.829	5503133	35.731 ug/ml
12) T Fluoranthene (C21.85)	12.568	5374811	33.935 ug/ml
13) T Pyrene (C20.8)	12.866	5325271	33.885 ug/ml
14) T Benzo[a]anthracene (C...	14.741	5165449	35.013 ug/ml
15) T Chrysene (C27.41)	14.784	5879101	37.624 ug/ml
16) T benzo[b]fluoranthene ...	16.295	5295490	35.401 ug/ml
17) T Bnezo[k]fluoranthene ...	16.330	5280333	35.190 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	4754455	33.637 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.043	5200373	44.002 ug/ml
20) T Dibenz[a,h]anthracene...	18.081	5088045	35.872 ug/ml
21) T Benzo[g,h,i]perylene ...	18.299	5066239	38.958 ug/ml

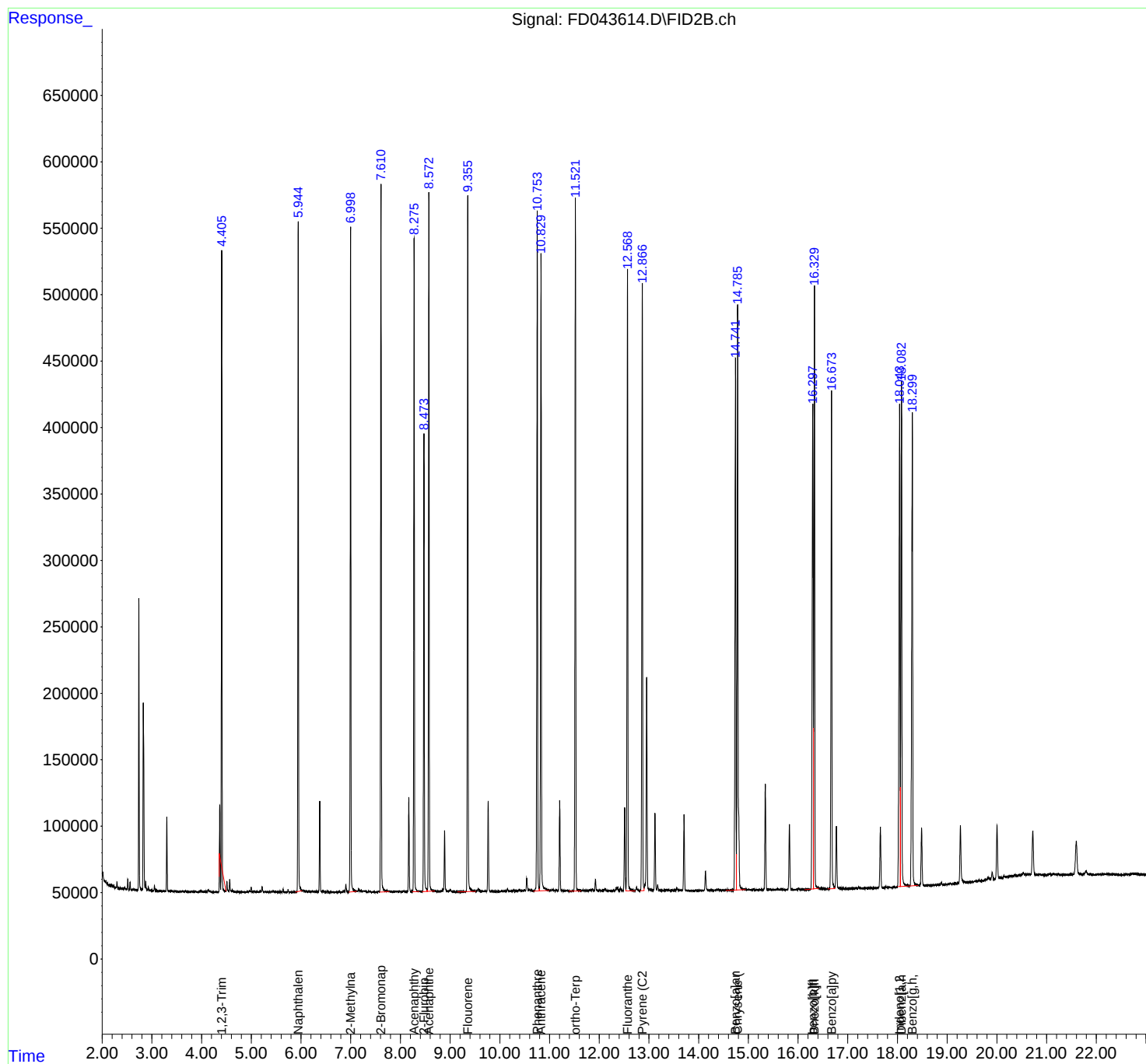
(f)=RT Delta > 1/2 Window

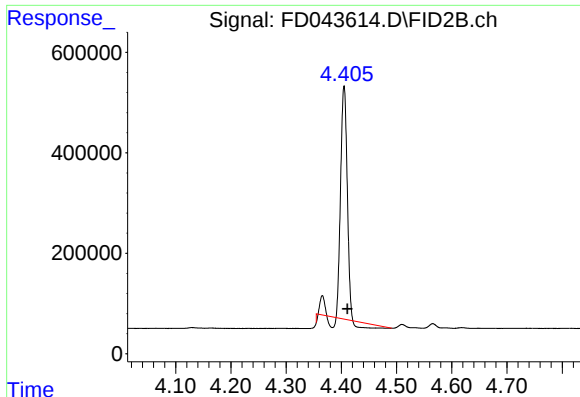
(m)=manual int.

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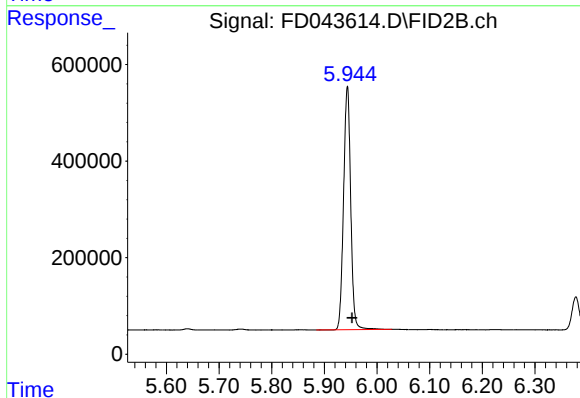
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Signal Info : 20M x 0.18mm x 0.18µm





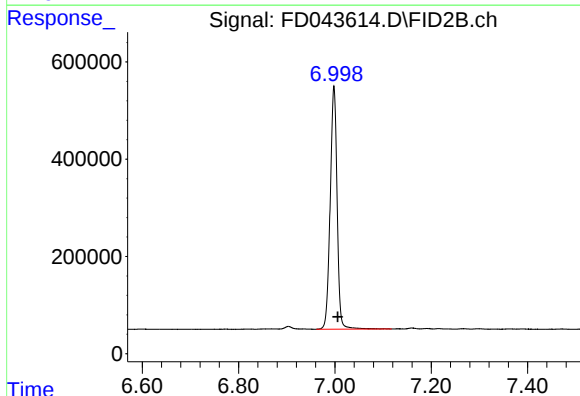
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.405 min
Delta R.T.: -0.006 min
Response: 3484765
Conc: 22.22 ug/ml



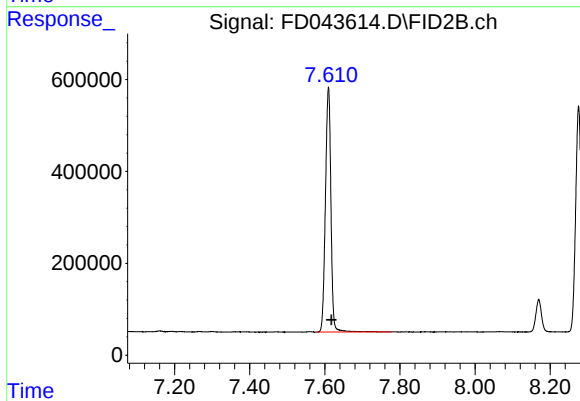
#2 Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 4751787
Conc: 29.39 ug/ml



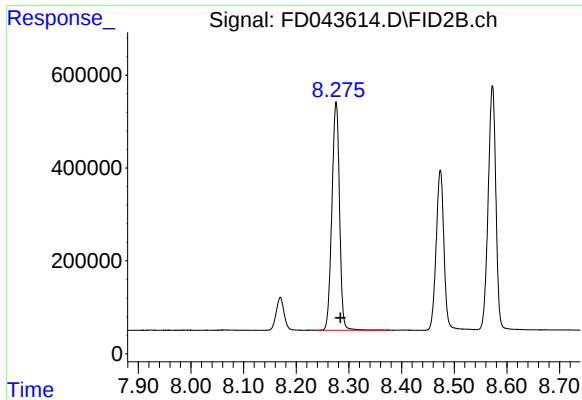
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 4940564
Conc: 33.74 ug/ml



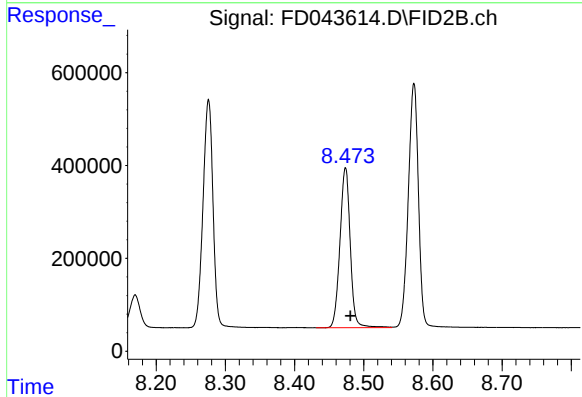
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.008 min
Response: 5396805
Conc: 38.15 ug/ml



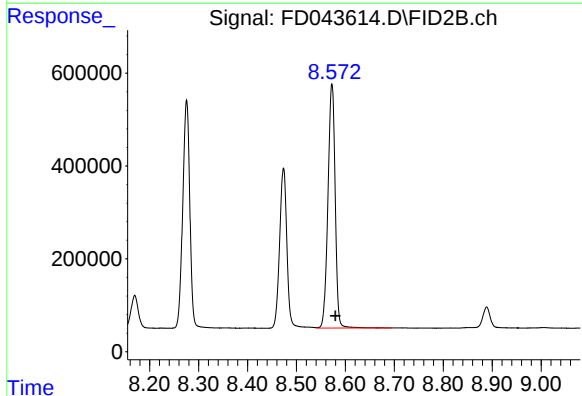
#5 Acenaphthylene (C15.06)

R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 4942295
Conc: 30.44 ug/ml



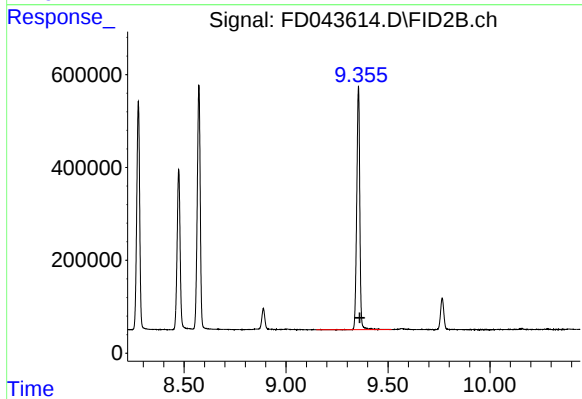
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: -0.007 min
Response: 3564033
Conc: 37.49 ug/ml



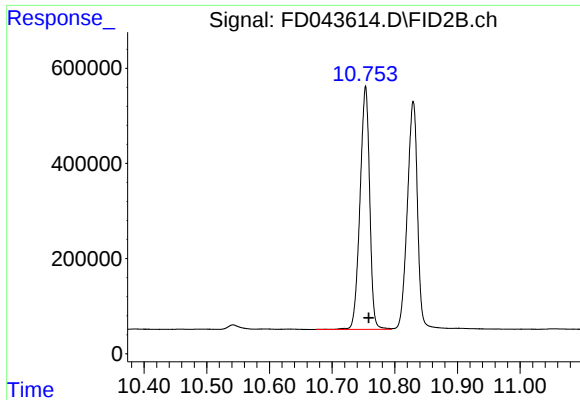
#7 Acenaphthene (C15.5)

R.T.: 8.572 min
Delta R.T.: -0.007 min
Response: 5374763
Conc: 33.24 ug/ml



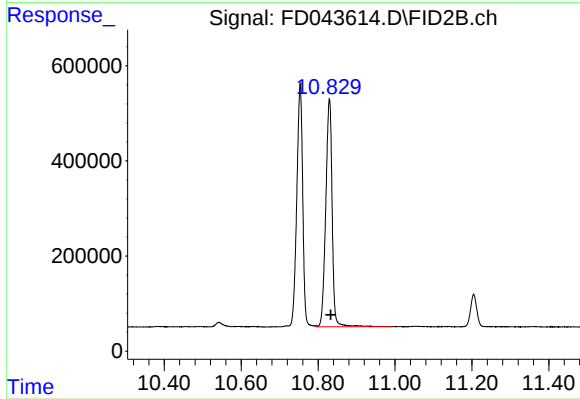
#8 Fluorene (C16.55)

R.T.: 9.355 min
Delta R.T.: -0.007 min
Response: 5484109
Conc: 35.00 ug/ml



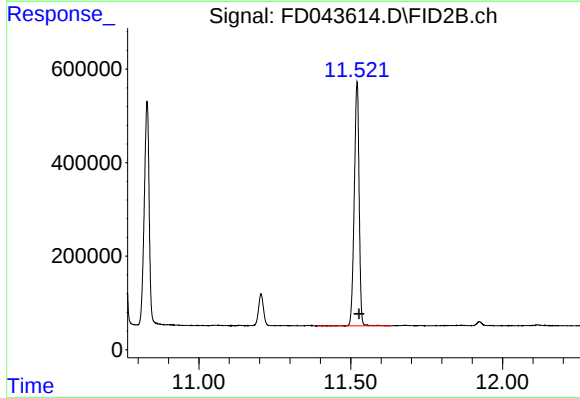
#9 Phenanthrene (C19.36)

R.T.: 10.753 min
Delta R.T.: -0.005 min
Response: 5468878
Conc: 34.90 ug/ml



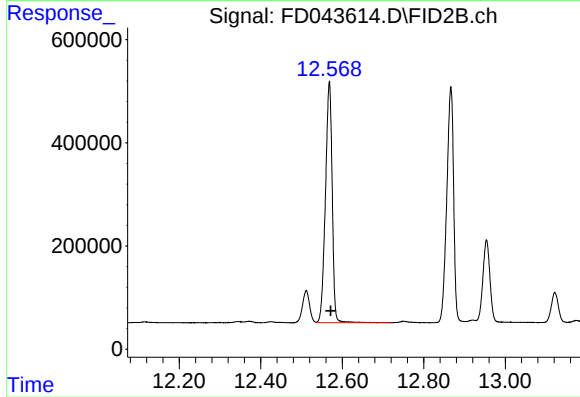
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: -0.004 min
Response: 5503133
Conc: 35.73 ug/ml



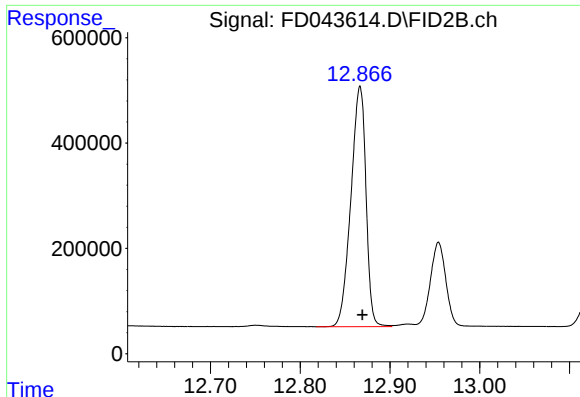
#11 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.007 min
Response: 5771101
Conc: 34.05 ug/ml



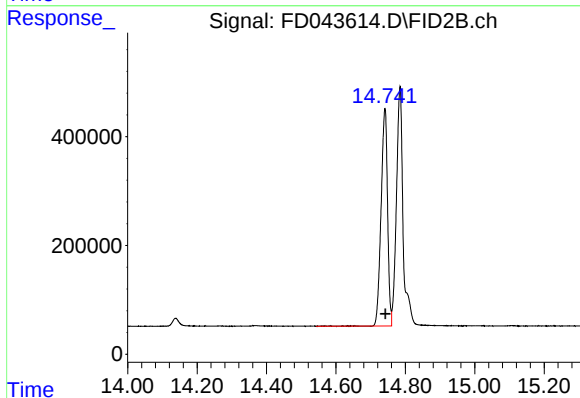
#12 Fluoranthene (C21.85)

R.T.: 12.568 min
Delta R.T.: -0.004 min
Response: 5374811
Conc: 33.94 ug/ml



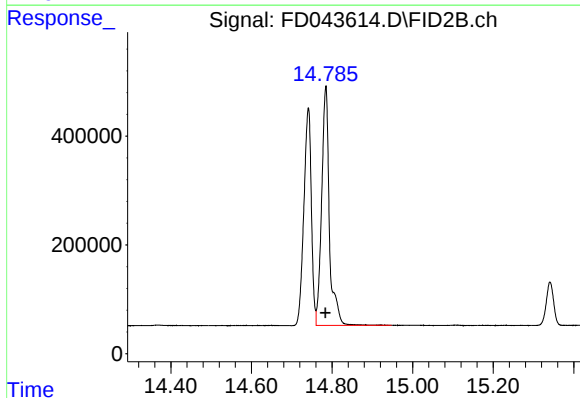
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: -0.003 min
Response: 5325271
Conc: 33.89 ug/ml



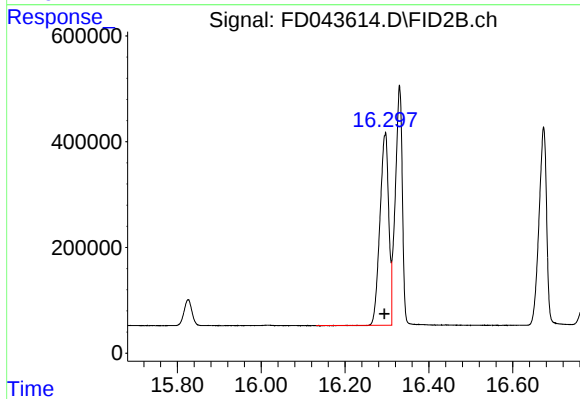
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.002 min
Response: 5165449
Conc: 35.01 ug/ml



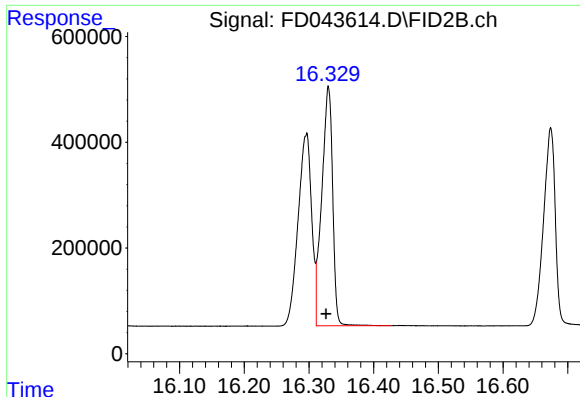
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 5879101
Conc: 37.62 ug/ml



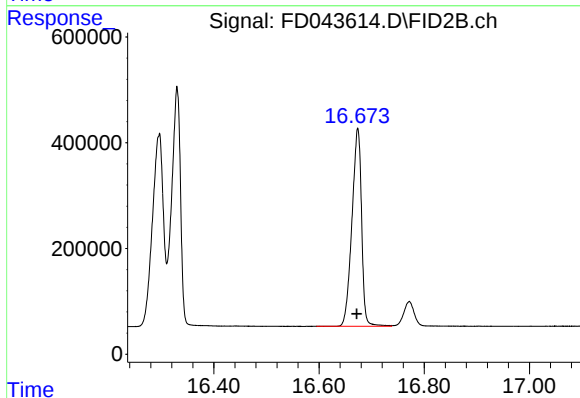
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.295 min
Delta R.T.: 0.001 min
Response: 5295490
Conc: 35.40 ug/ml



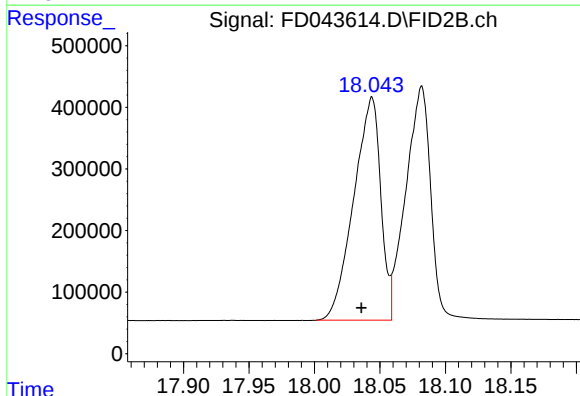
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.330 min
Delta R.T.: 0.004 min
Response: 5280333
Conc: 35.19 ug/ml



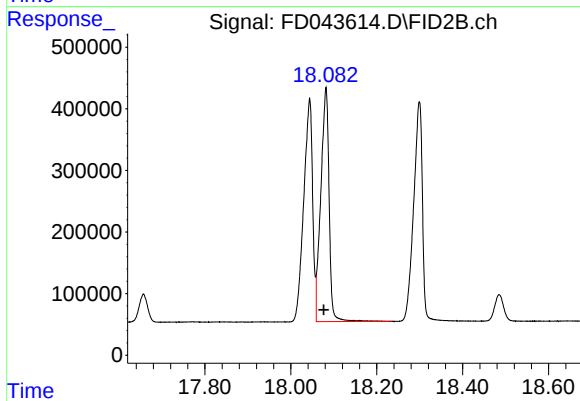
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: 0.002 min
Response: 4754455
Conc: 33.64 ug/ml



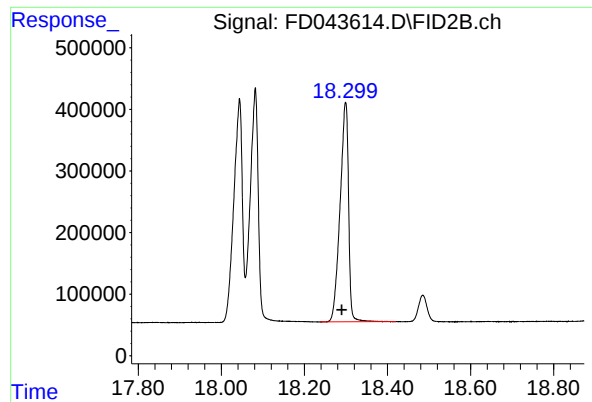
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.043 min
Delta R.T.: 0.007 min
Response: 5200373
Conc: 44.00 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.005 min
Response: 5088045
Conc: 35.87 ug/ml



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

R.T.: 18.299 min
Delta R.T.: 0.008 min
Response: 5066239
Conc: 38.96 ug/ml