

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080422AR\
 Data File : FD043498.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2022 16:39
 Operator : YP/AJ
 Sample : N3980-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 15:40:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 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...	7.617	7249445	51.250 ug/ml
Spiked Amount 50.000		Recovery =	102.50%
6) S 2-Fluorobiphenyl (SURR)	8.481	4943604	52.002 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.00%
11) S ortho-Terphenyl (SURR)	11.528	7507019	44.292 ug/ml
Spiked Amount 50.000		Recovery =	88.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.407	693343	4.421 ug/ml
2) T Naphthalene (C11.7)	5.948	779681	4.822 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	787573	5.379 ug/ml
5) T Acenaphthylene (C15.06)	8.280	761594	4.691 ug/ml
7) T Acenaphthene (C15.5)	8.576	826931	5.115 ug/ml
8) T Flouorene (C16.55)	9.358	779070	4.972 ug/ml
9) T Phenanthrene (C19.36)	10.756	779771	4.975 ug/ml
10) T Anthracene (C19.43)	10.831	783909	5.090 ug/ml
12) T Fluoranthene (C21.85)	12.569	782252	4.939 ug/ml
13) T Pyrene (C20.8)	12.866	789417	5.023 ug/ml
14) T Benzo[a]anthracene (C...	14.739	742345	5.032 ug/ml
15) T Chrysene (C27.41)	14.781	931522	5.961 ug/ml
16) T benzo[b]fluoranthene ...	16.291	754823	5.046 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	797468	5.315 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	695503	4.921 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	674848	5.710 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	1009846	7.120 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	774643	5.957 ug/ml

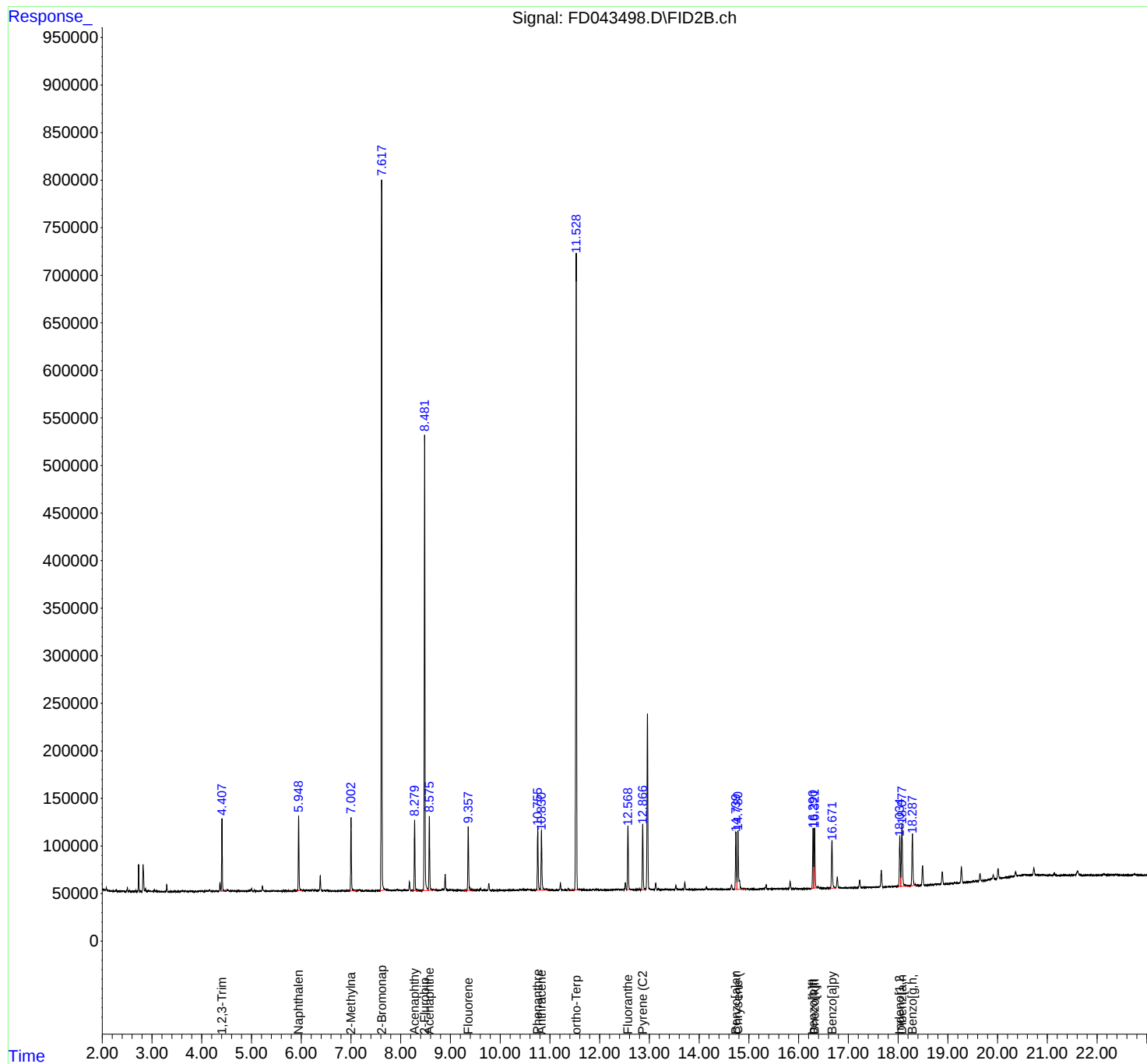
(f)=RT Delta > 1/2 Window

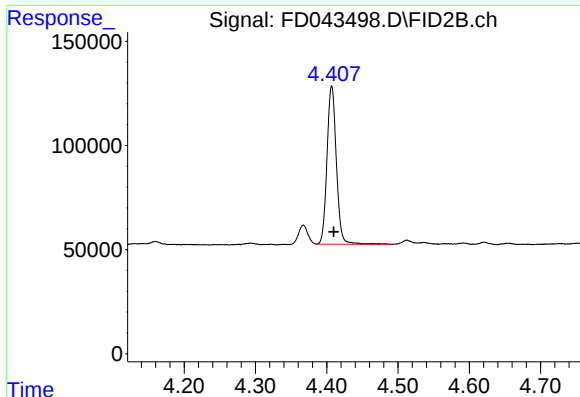
(m)=manual int.

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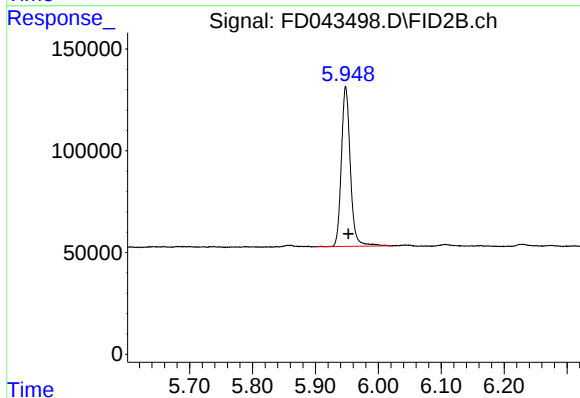
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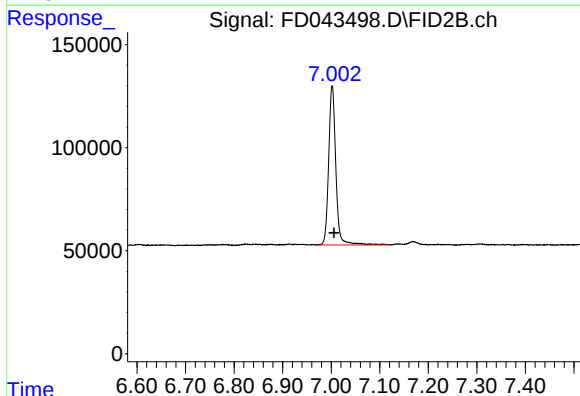
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.407 min
Delta R.T.: -0.003 min
Response: 693343
Conc: 4.42 ug/ml



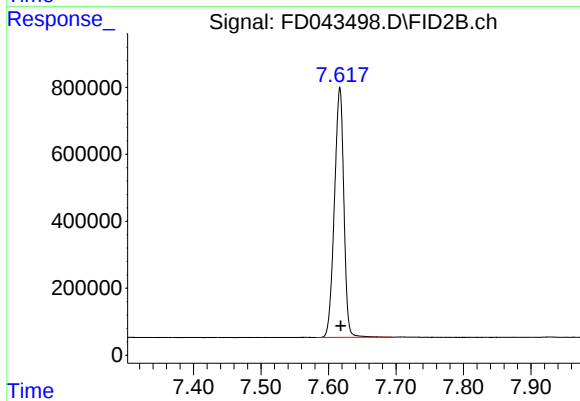
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 779681
Conc: 4.82 ug/ml



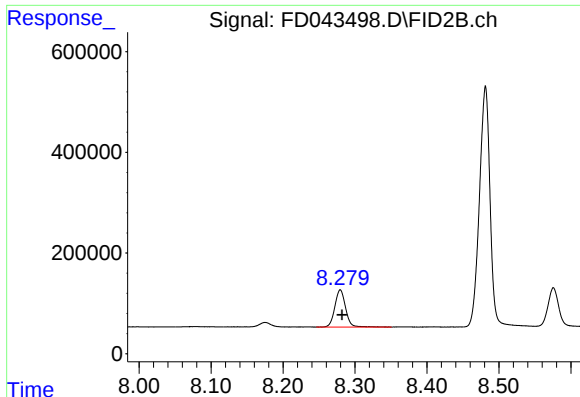
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 787573
Conc: 5.38 ug/ml



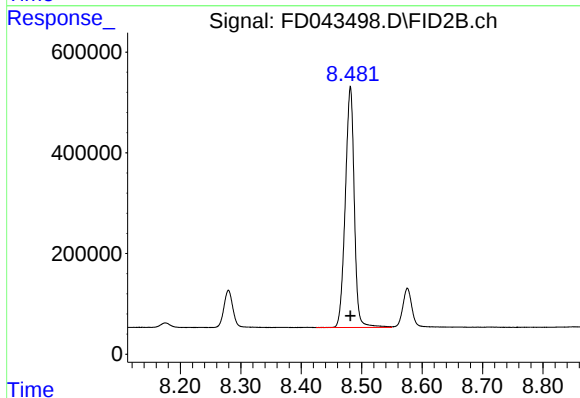
#4 2-Bromonaphthalene (SURR)

R.T.: 7.617 min
Delta R.T.: -0.002 min
Response: 7249445
Conc: 51.25 ug/ml



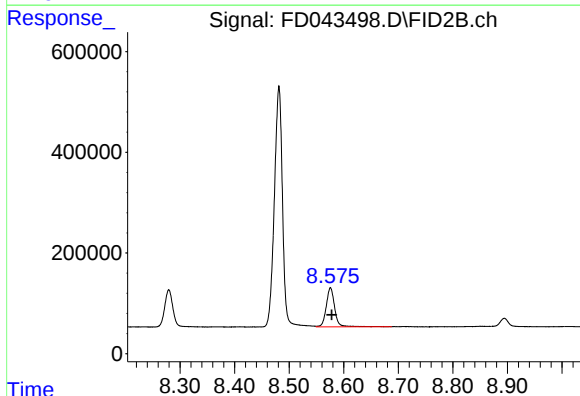
#5 Acenaphthylene (C15.06)

R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 761594
Conc: 4.69 ug/ml



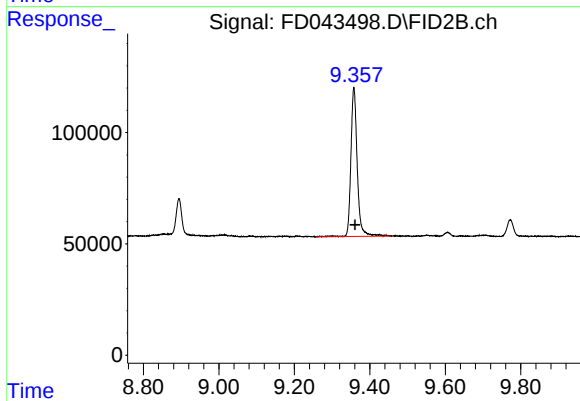
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 4943604
Conc: 52.00 ug/ml



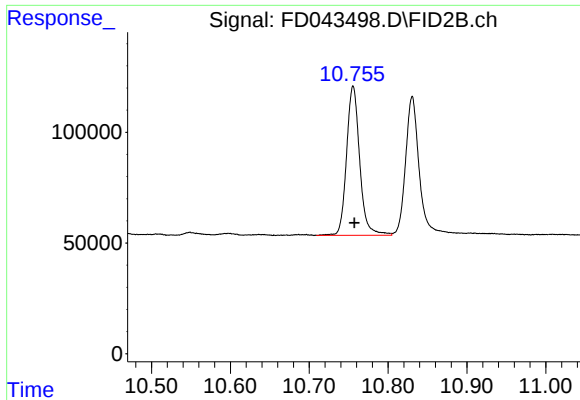
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.003 min
Response: 826931
Conc: 5.11 ug/ml



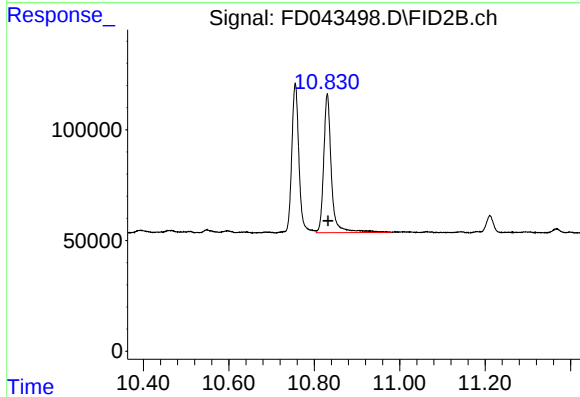
#8 Flouorene (C16.55)

R.T.: 9.358 min
Delta R.T.: -0.003 min
Response: 779070
Conc: 4.97 ug/ml



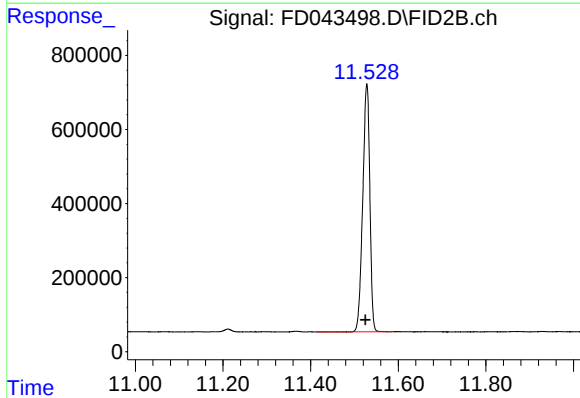
#9 Phenanthrene (C19.36)

R.T.: 10.756 min
Delta R.T.: -0.002 min
Response: 779771
Conc: 4.98 ug/ml



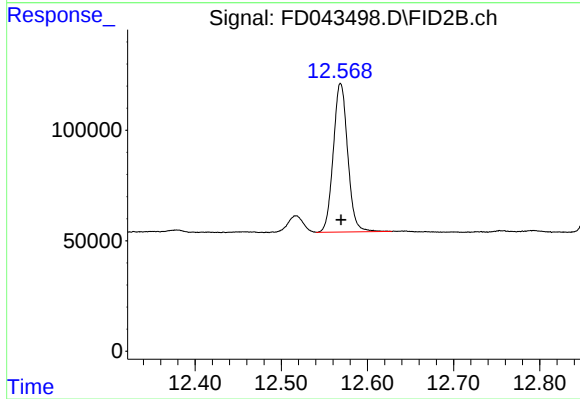
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: -0.002 min
Response: 783909
Conc: 5.09 ug/ml



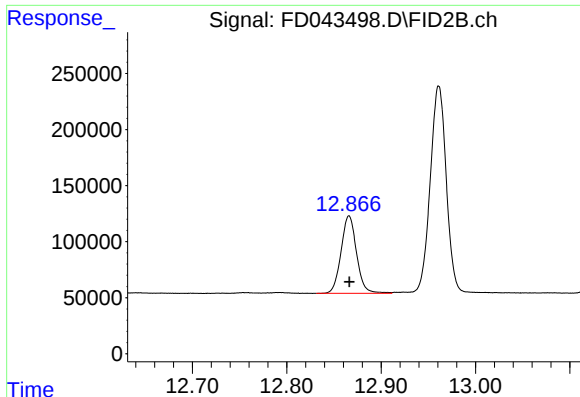
#11 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: 0.003 min
Response: 7507019
Conc: 44.29 ug/ml



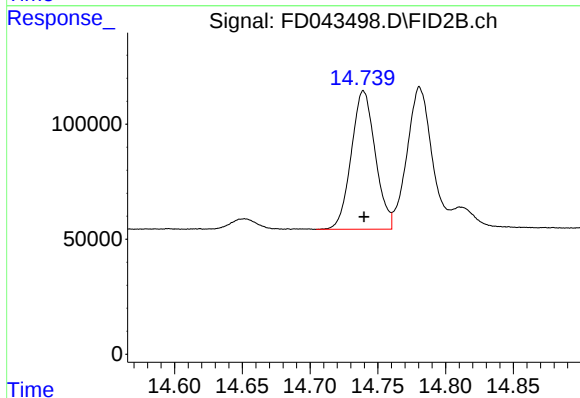
#12 Fluoranthene (C21.85)

R.T.: 12.569 min
Delta R.T.: 0.000 min
Response: 782252
Conc: 4.94 ug/ml



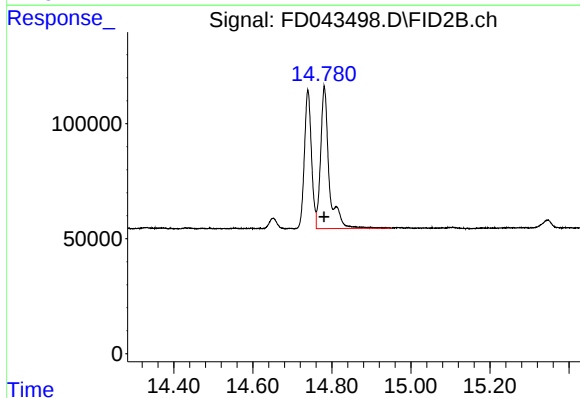
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 789417
Conc: 5.02 ug/ml



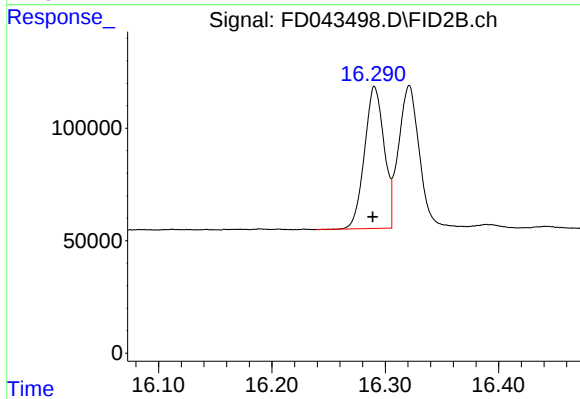
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 742345
Conc: 5.03 ug/ml



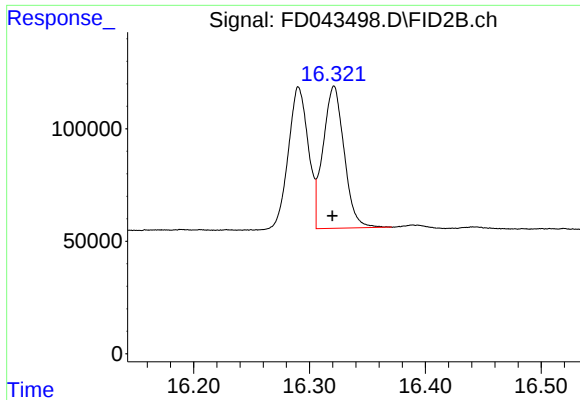
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: 0.000 min
Response: 931522
Conc: 5.96 ug/ml



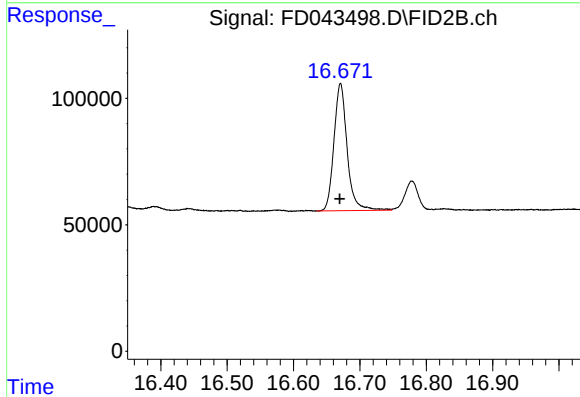
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.291 min
Delta R.T.: 0.002 min
Response: 754823
Conc: 5.05 ug/ml



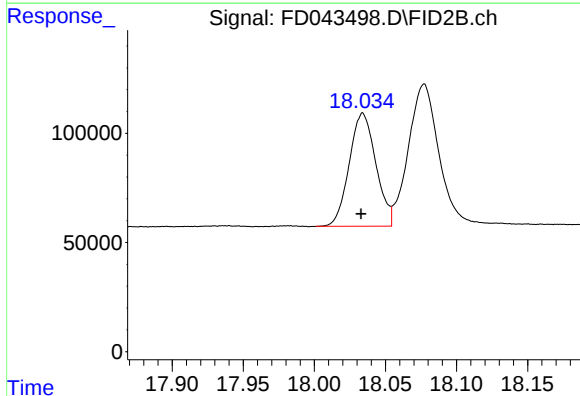
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: 0.001 min
Response: 797468
Conc: 5.31 ug/ml



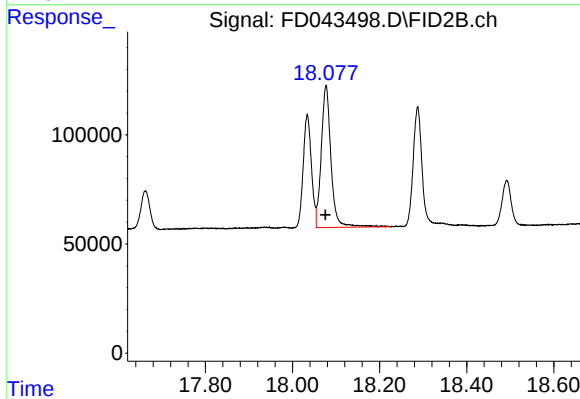
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.001 min
Response: 695503
Conc: 4.92 ug/ml



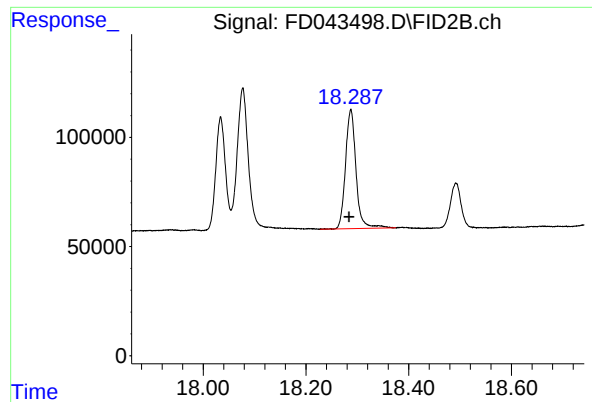
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.001 min
Response: 674848
Conc: 5.71 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.002 min
Response: 1009846
Conc: 7.12 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.003 min
Response: 774643
Conc: 5.96 ug/ml