

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016256.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 11:31
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:04:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:02:04 2025
 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...	8.036	634449	5.359 ug/ml
Spiked Amount 50.000		Recovery =	10.72%
6) S 2-Fluorobiphenyl (SURR)	8.911	436816	5.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.62%
11) S ortho-Terphenyl (SURR)	11.977	785348	5.501 ug/ml
Spiked Amount 50.000		Recovery =	11.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.631	694802	5.430 ug/ml
2) T Naphthalene (C11.7)	6.307	717997	5.288 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	737563	5.315 ug/ml
5) T Acenaphthylene (C15.06)	8.710	743453	5.341 ug/ml
7) T Acenaphthene (C15.5)	9.010	741902	5.327 ug/ml
8) T Fluorene (C16.55)	9.799	743690	5.374 ug/ml
9) T Phenanthrene (C19.36)	11.207	749523	5.386 ug/ml
10) T Anthracene (C19.43)	11.282	736099	5.394 ug/ml
12) T Fluoranthene (C21.85)	13.028	754527	5.430 ug/ml
13) T Pyrene (C20.8)	13.327	752843	5.482 ug/ml
14) T Benzo[a]anthracene (C...	15.208	682996	5.230 ug/ml
15) T Chrysene (C27.41)	15.250	730451	5.476 ug/ml
16) T benzo[b]fluoranthene ...	16.767	675680	5.268 ug/ml
17) T Bnezo[k]fluoranthene ...	16.797	670106	5.490 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.149	676123	5.407 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.521	583347	5.236 ug/ml
20) T Dibenz[a,h]anthracene...	18.561	693557	5.647 ug/ml
21) T Benzo[g,h,i]perylene ...	18.774	657972	5.469 ug/ml

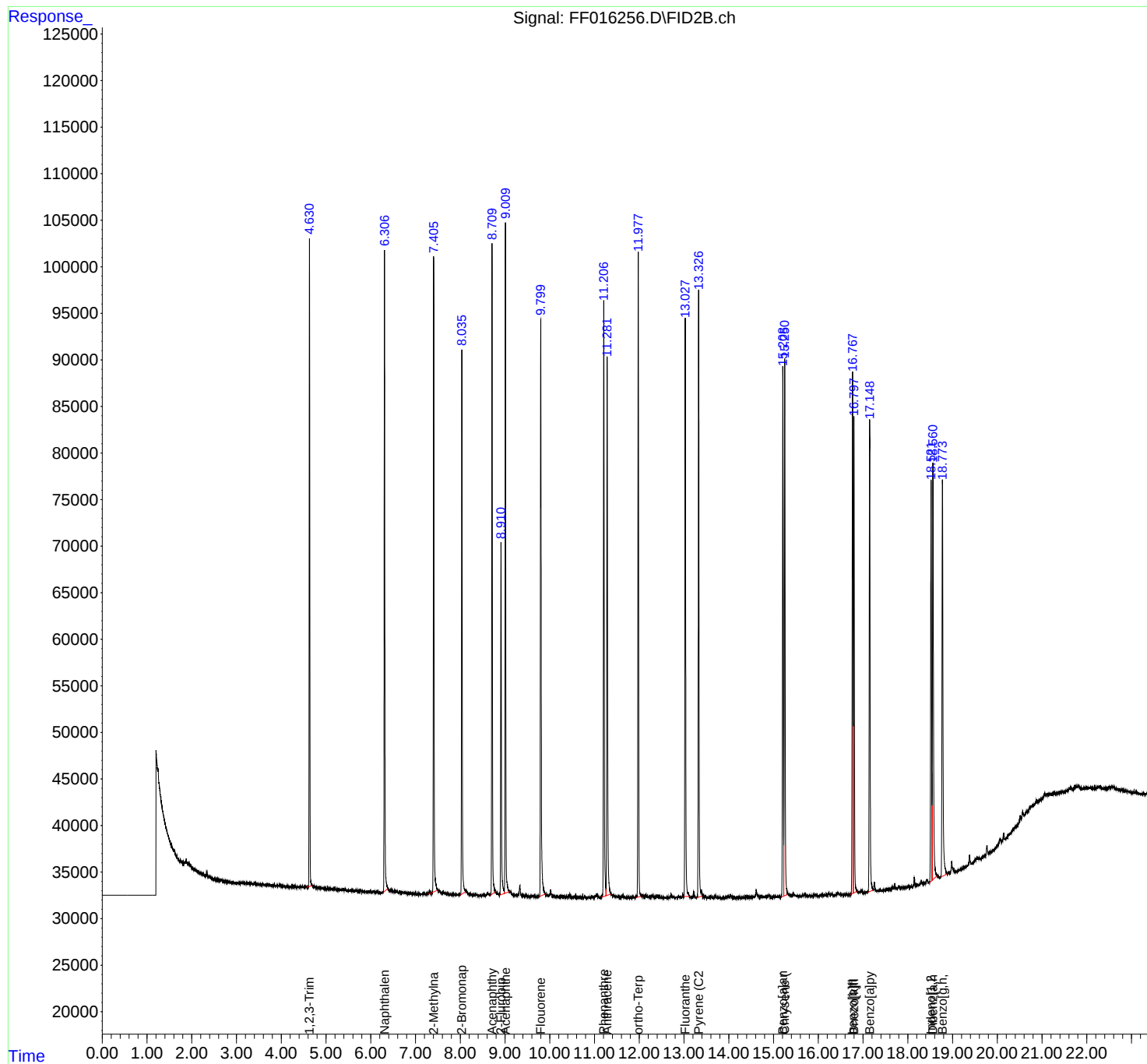
(f)=RT Delta > 1/2 Window

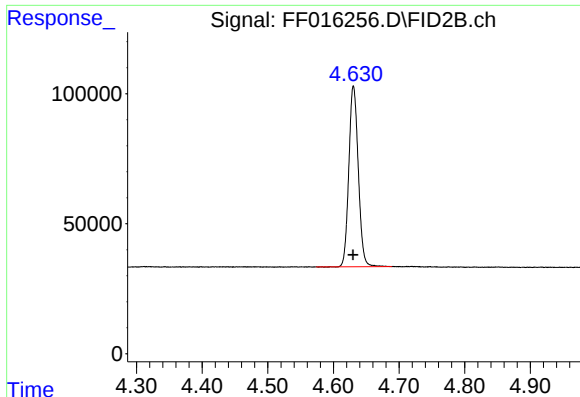
(m)=manual int.

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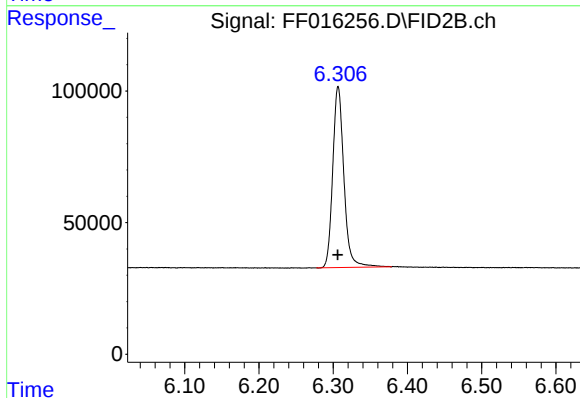
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





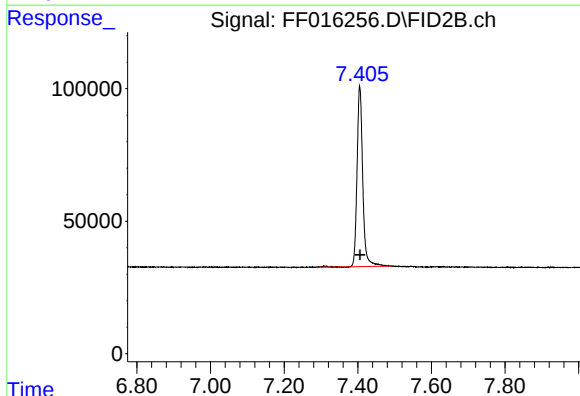
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 694802
Conc: 5.43 ug/ml



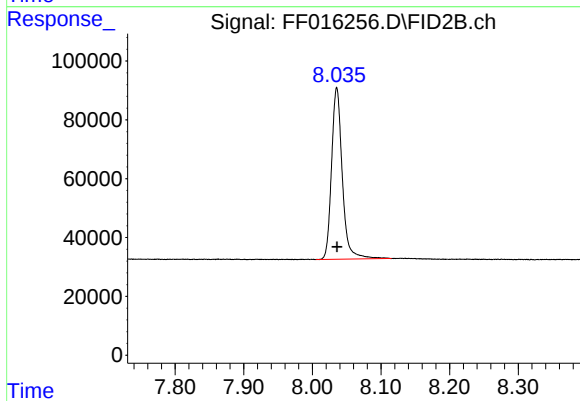
#2 Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 717997
Conc: 5.29 ug/ml



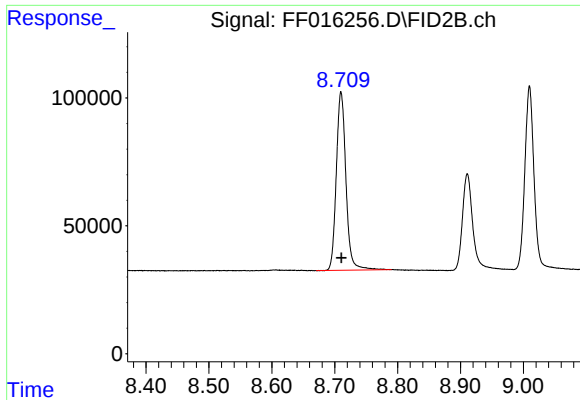
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 737563
Conc: 5.32 ug/ml



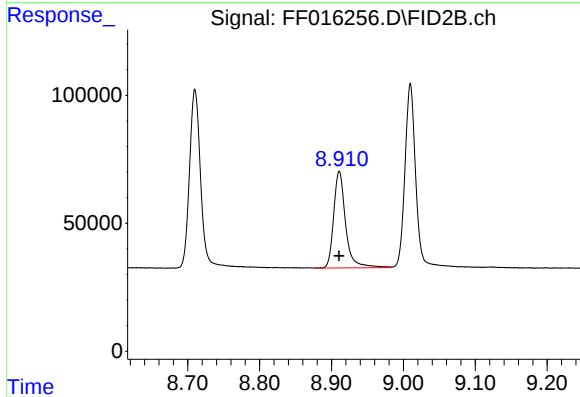
#4 2-Bromonaphthalene (SURR)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 634449
Conc: 5.36 ug/ml



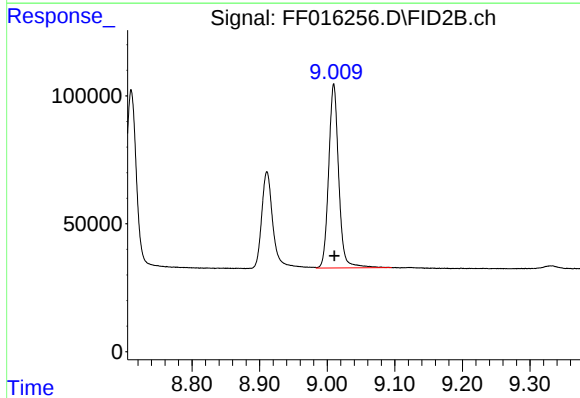
#5 Acenaphthylene (C15.06)

R.T.: 8.710 min
Delta R.T.: 0.000 min
Response: 743453
Conc: 5.34 ug/ml



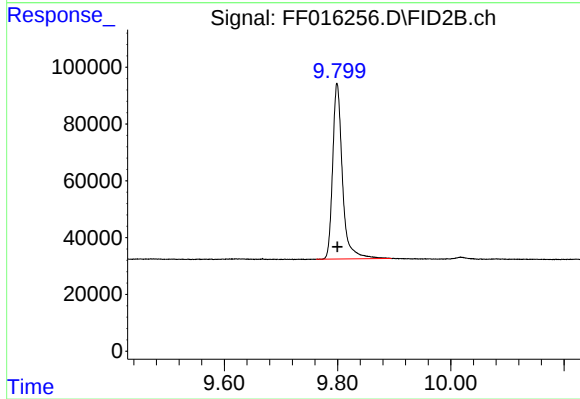
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 436816
Conc: 5.31 ug/ml



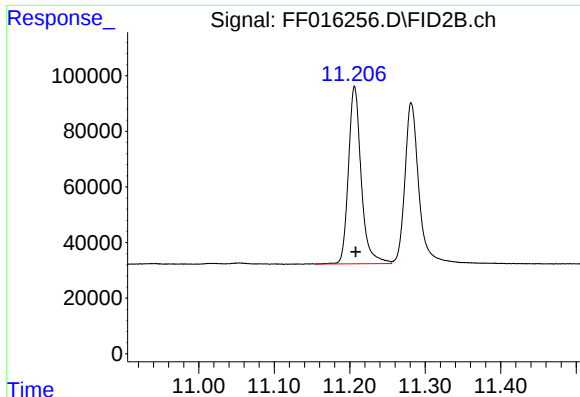
#7 Acenaphthene (C15.5)

R.T.: 9.010 min
Delta R.T.: -0.001 min
Response: 741902
Conc: 5.33 ug/ml



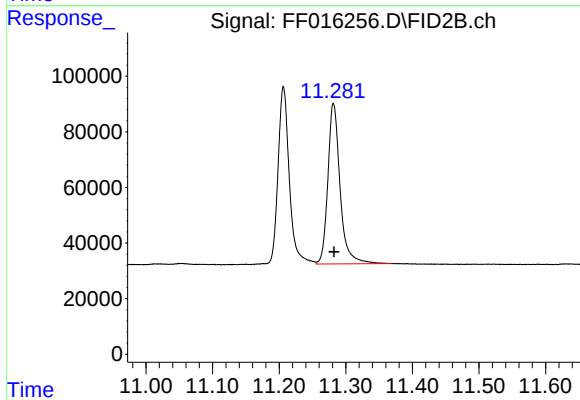
#8 Flouorene (C16.55)

R.T.: 9.799 min
Delta R.T.: 0.000 min
Response: 743690
Conc: 5.37 ug/ml



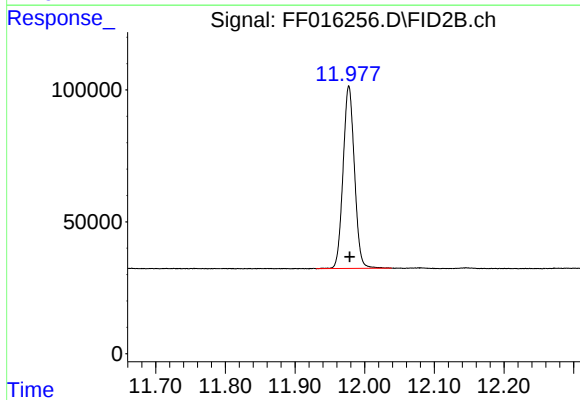
#9 Phenanthrene (C19.36)

R.T.: 11.207 min
Delta R.T.: -0.002 min
Response: 749523
Conc: 5.39 ug/ml



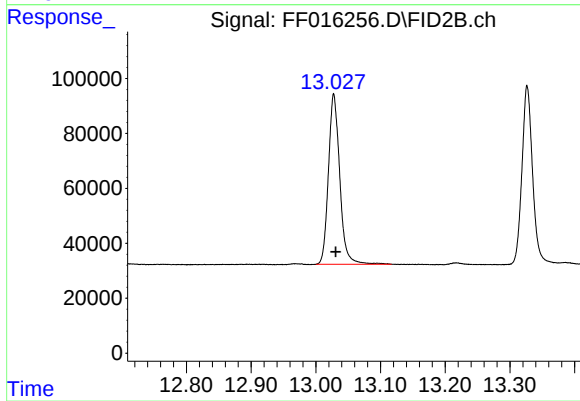
#10 Anthracene (C19.43)

R.T.: 11.282 min
Delta R.T.: 0.000 min
Response: 736099
Conc: 5.39 ug/ml



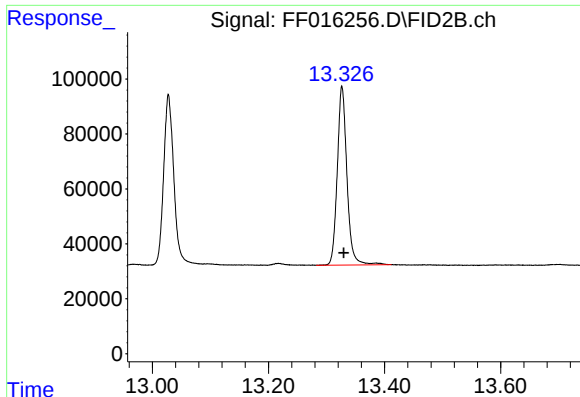
#11 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.001 min
Response: 785348
Conc: 5.50 ug/ml



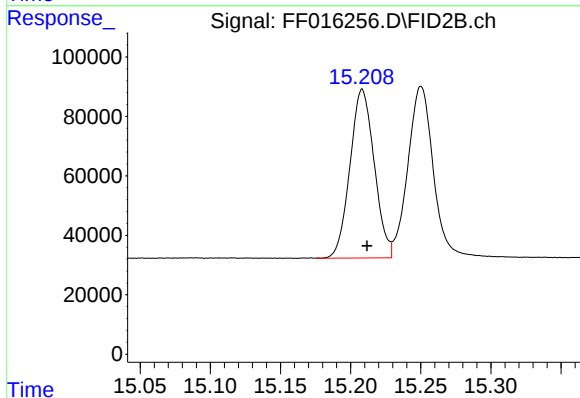
#12 Fluoranthene (C21.85)

R.T.: 13.028 min
Delta R.T.: -0.003 min
Response: 754527
Conc: 5.43 ug/ml



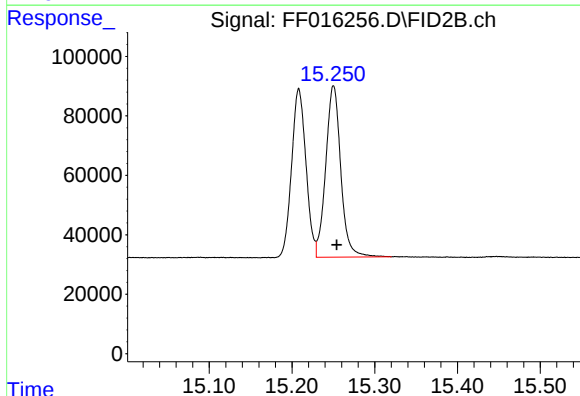
#13 Pyrene (C20.8)

R.T.: 13.327 min
Delta R.T.: -0.003 min
Response: 752843
Conc: 5.48 ug/ml



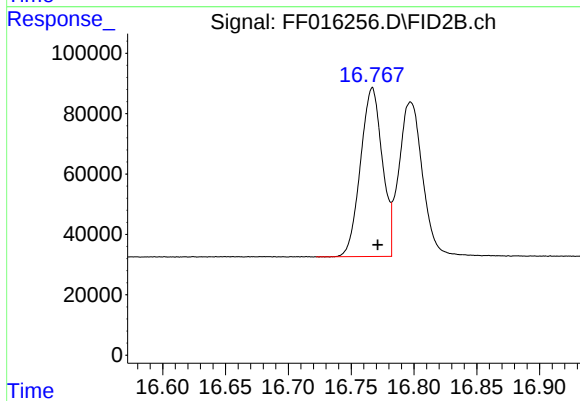
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.208 min
Delta R.T.: -0.003 min
Response: 682996
Conc: 5.23 ug/ml



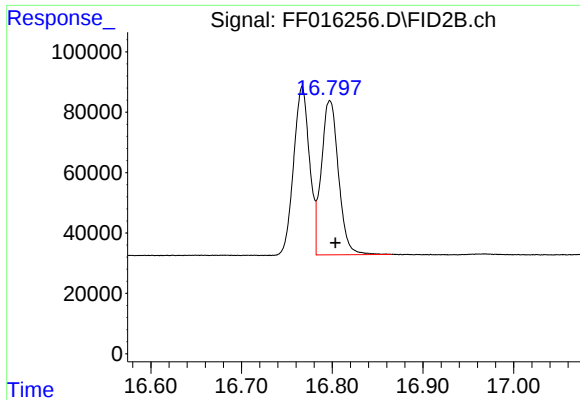
#15 Chrysene (C27.41)

R.T.: 15.250 min
Delta R.T.: -0.004 min
Response: 730451
Conc: 5.48 ug/ml



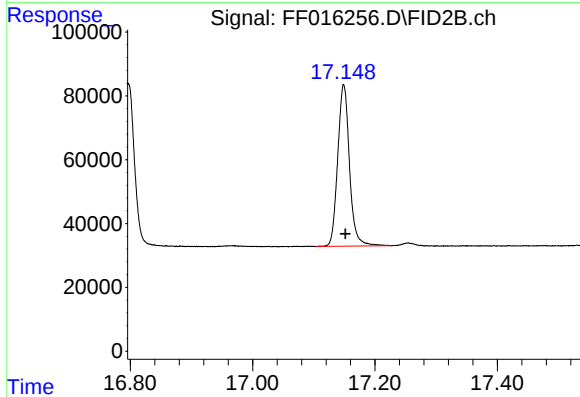
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.767 min
Delta R.T.: -0.005 min
Response: 675680
Conc: 5.27 ug/ml



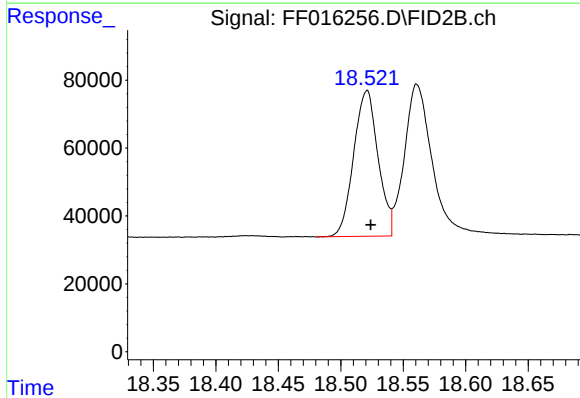
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.797 min
Delta R.T.: -0.006 min
Response: 670106
Conc: 5.49 ug/ml



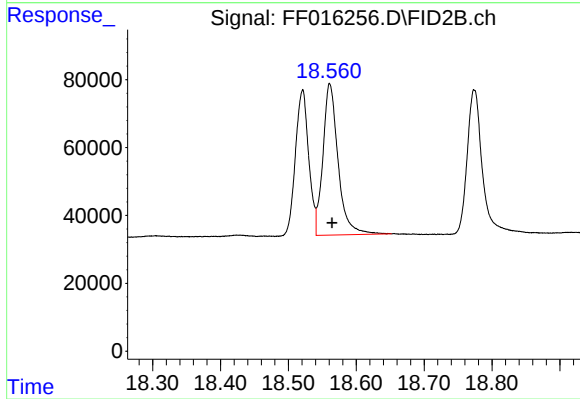
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.149 min
Delta R.T.: -0.003 min
Response: 676123
Conc: 5.41 ug/ml



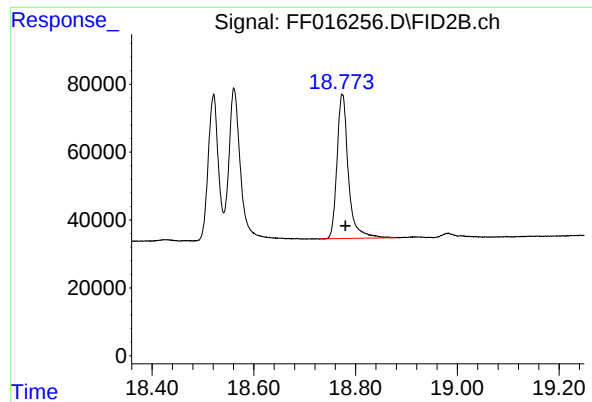
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.521 min
Delta R.T.: -0.003 min
Response: 583347
Conc: 5.24 ug/ml



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

R.T.: 18.561 min
Delta R.T.: -0.003 min
Response: 693557
Conc: 5.65 ug/ml



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

R.T.: 18.774 min
Delta R.T.: -0.006 min
Response: 657972
Conc: 5.47 ug/ml