

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016257.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 12:00
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:13:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 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...	8.035	2256592	18.876 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
6) S 2-Fluorobiphenyl (SURR)	8.911	1565428	18.904 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.81%
11) S ortho-Terphenyl (SURR)	11.979	2735411	18.861 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.631	2444136	18.861 ug/ml
2) T Naphthalene (C11.7)	6.307	2584206	18.890 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	2646897	18.926 ug/ml
5) T Acenaphthylene (C15.06)	8.711	2649953	18.874 ug/ml
7) T Acenaphthene (C15.5)	9.011	2647333	18.888 ug/ml
8) T Flouorene (C16.55)	9.801	2634667	18.855 ug/ml
9) T Phenanthrene (C19.36)	11.208	2668795	18.927 ug/ml
10) T Anthracene (C19.43)	11.282	2607281	18.857 ug/ml
12) T Fluoranthene (C21.85)	13.031	2666928	18.906 ug/ml
13) T Pyrene (C20.8)	13.330	2638225	18.851 ug/ml
14) T Benzo[a]anthracene (C...	15.213	2539670	19.203 ug/ml
15) T Chrysene (C27.41)	15.255	2599789	19.073 ug/ml
16) T benzo[b]fluoranthene ...	16.772	2519436	19.333 ug/ml
17) T Bnezo[k]fluoranthene ...	16.805	2388669	19.094 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.152	2446913	19.147 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.525	2168852	18.985 ug/ml
20) T Dibenz[a,h]anthracene...	18.565	2387403	19.020 ug/ml
21) T Benzo[g,h,i]perylene ...	18.781	2325692	18.859 ug/ml

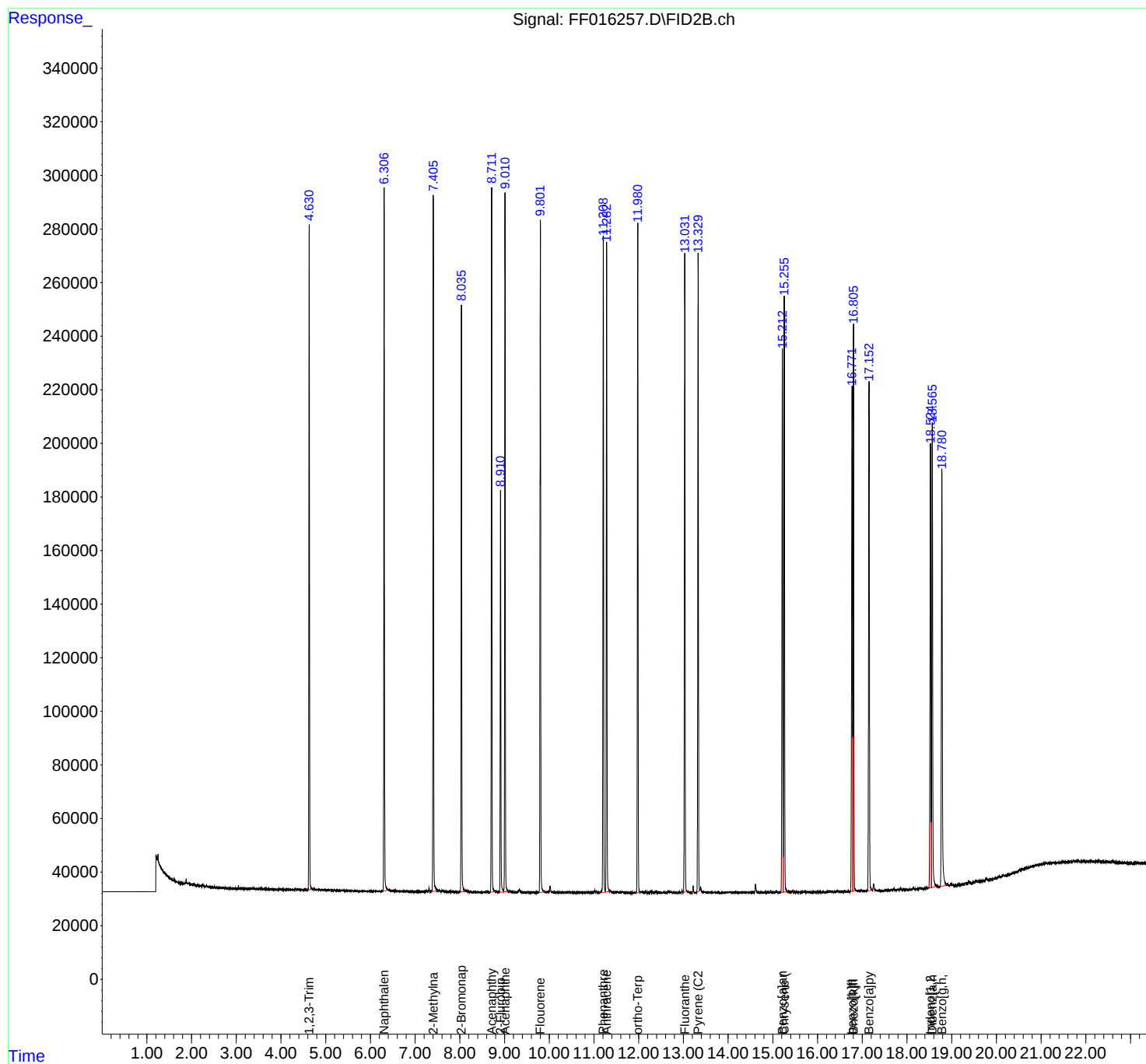
(f)=RT Delta > 1/2 Window

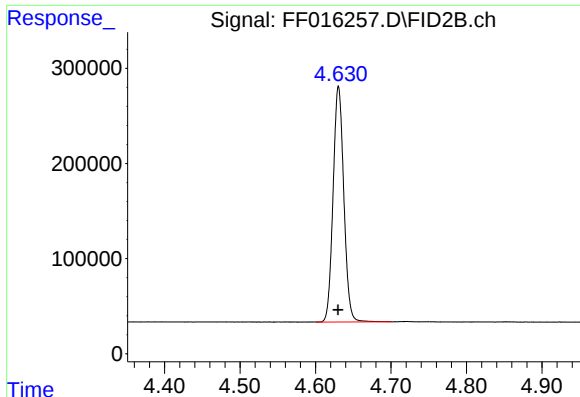
(m)=manual int.

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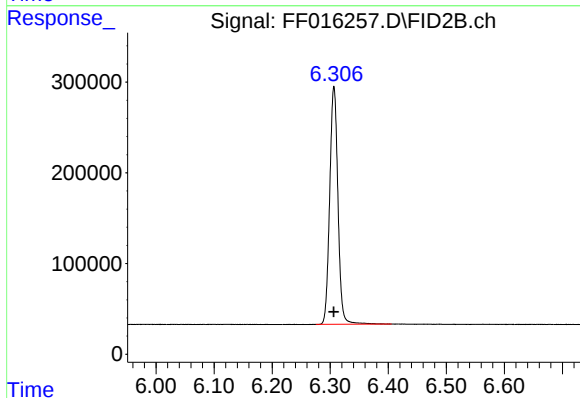
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





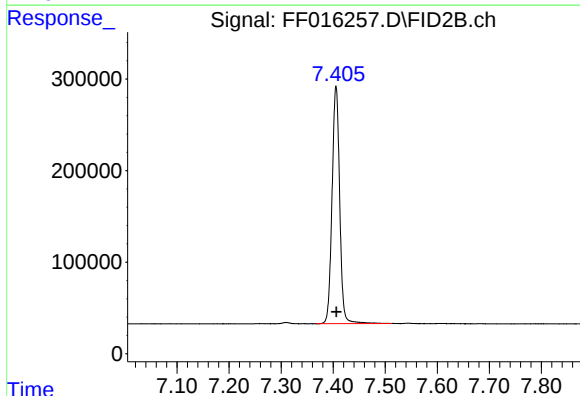
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 2444136
Conc: 18.86 ug/ml



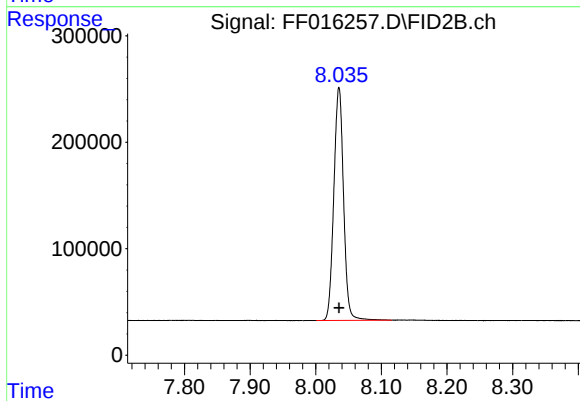
#2 Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 2584206
Conc: 18.89 ug/ml



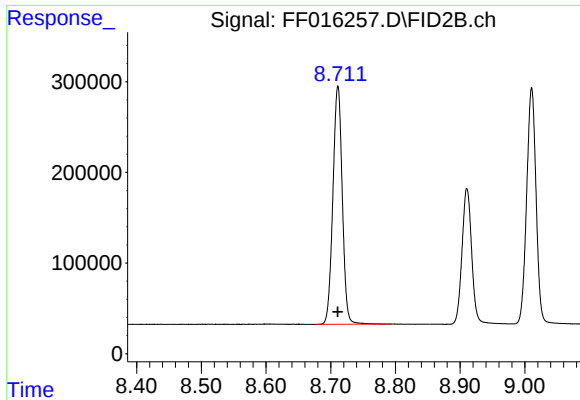
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2646897
Conc: 18.93 ug/ml



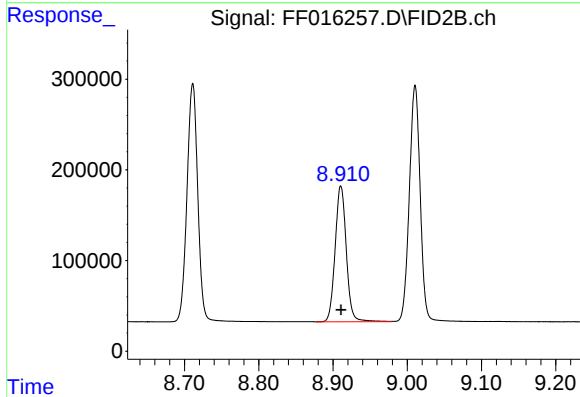
#4 2-Bromonaphthalene (SURR)

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 2256592
Conc: 18.88 ug/ml



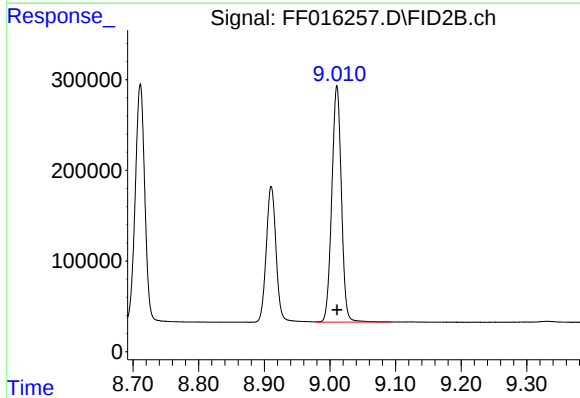
#5 Acenaphthylene (C15.06)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 2649953
Conc: 18.87 ug/ml



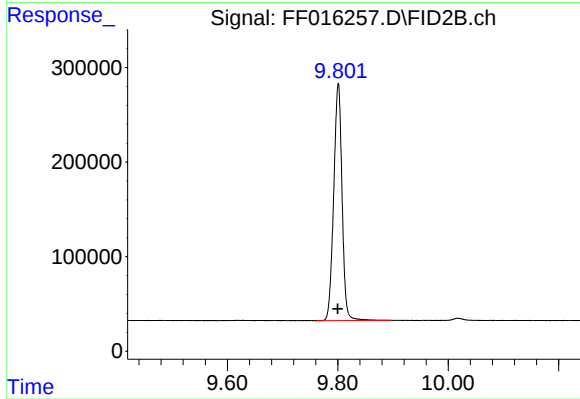
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 1565428
Conc: 18.90 ug/ml



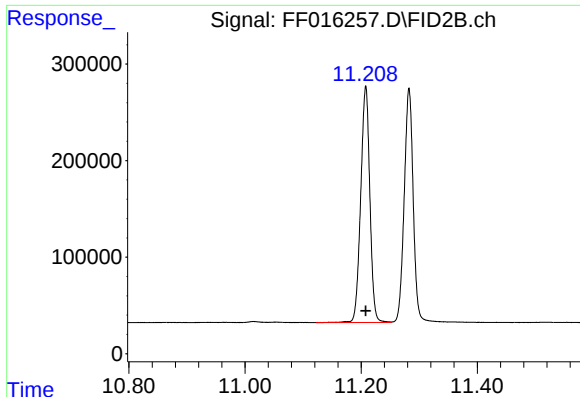
#7 Acenaphthene (C15.5)

R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 2647333
Conc: 18.89 ug/ml



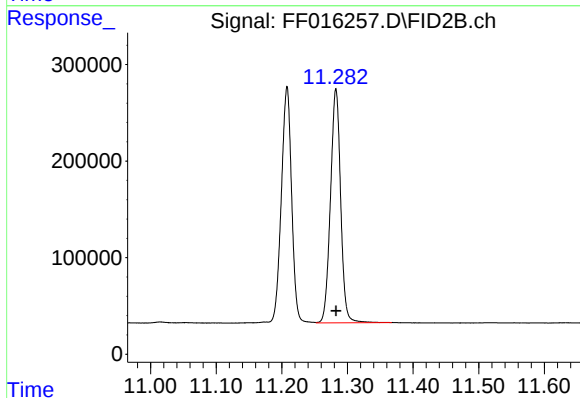
#8 Fluorene (C16.55)

R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 2634667
Conc: 18.86 ug/ml



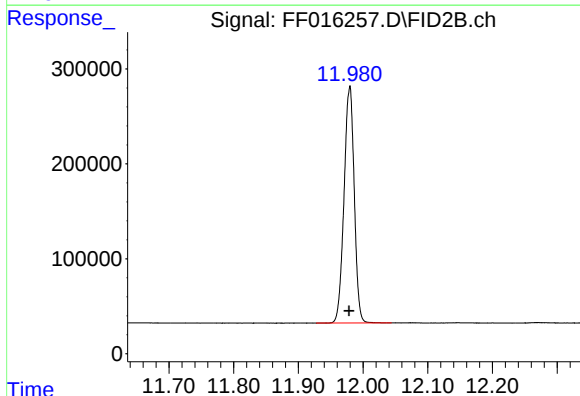
#9 Phenanthrene (C19.36)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 2668795
Conc: 18.93 ug/ml



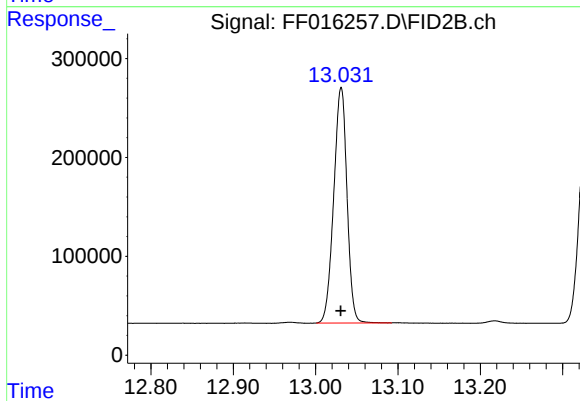
#10 Anthracene (C19.43)

R.T.: 11.282 min
Delta R.T.: 0.000 min
Response: 2607281
Conc: 18.86 ug/ml



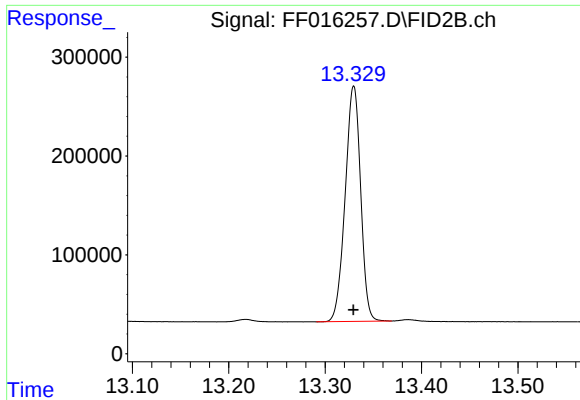
#11 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2735411
Conc: 18.86 ug/ml



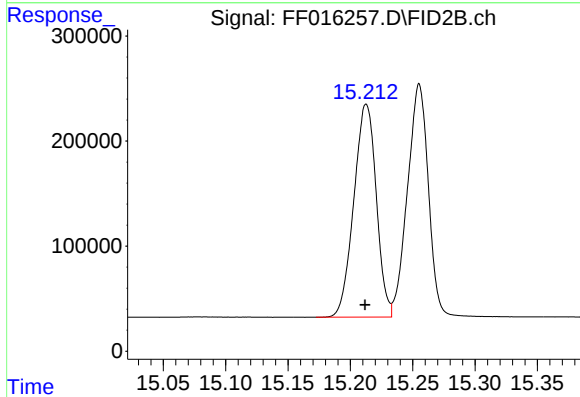
#12 Fluoranthene (C21.85)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 2666928
Conc: 18.91 ug/ml



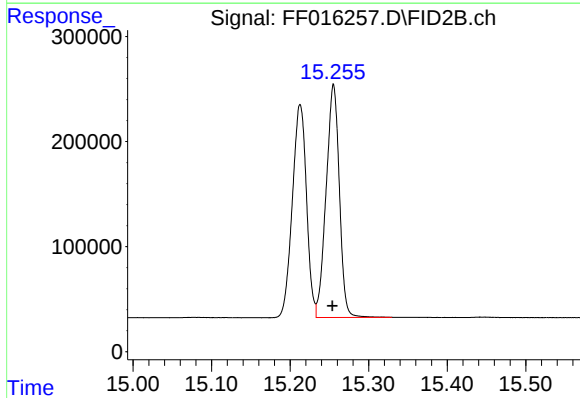
#13 Pyrene (C20.8)

R.T.: 13.330 min
Delta R.T.: 0.000 min
Response: 2638225
Conc: 18.85 ug/ml



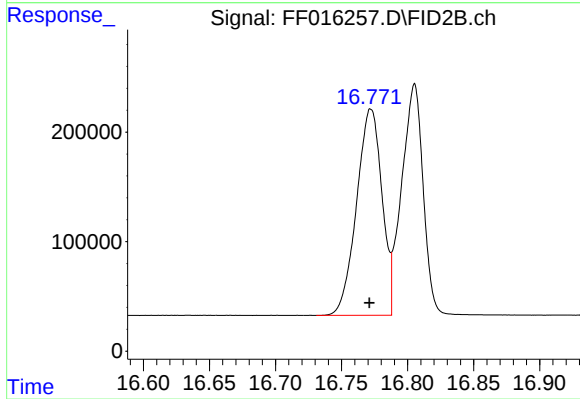
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.213 min
Delta R.T.: 0.001 min
Response: 2539670
Conc: 19.20 ug/ml



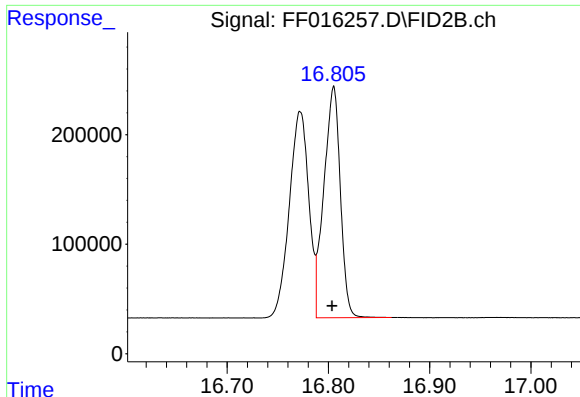
#15 Chrysene (C27.41)

R.T.: 15.255 min
Delta R.T.: 0.001 min
Response: 2599789
Conc: 19.07 ug/ml



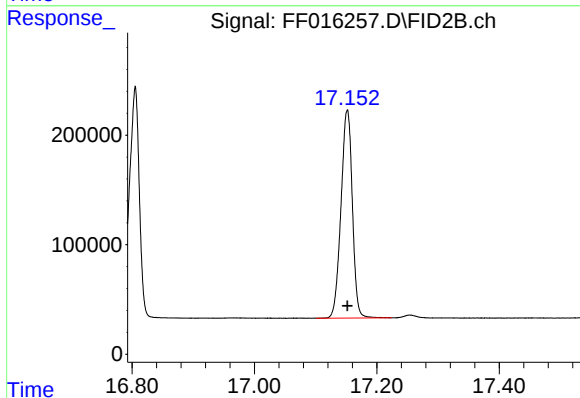
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.772 min
Delta R.T.: 0.000 min
Response: 2519436
Conc: 19.33 ug/ml



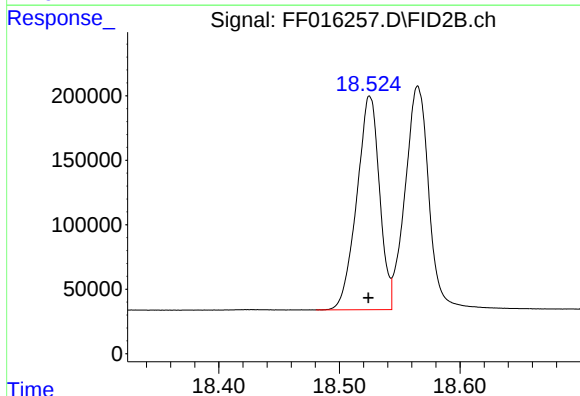
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.805 min
Delta R.T.: 0.001 min
Response: 2388669
Conc: 19.09 ug/ml



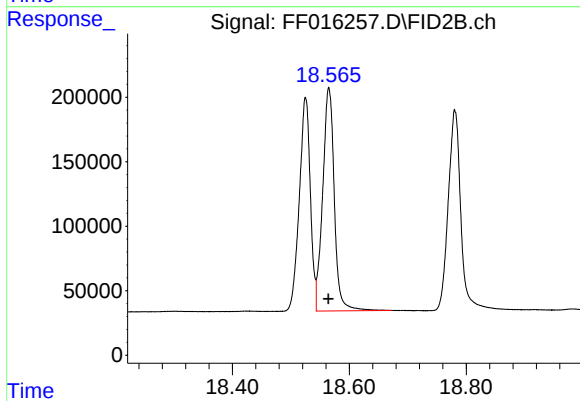
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.152 min
Delta R.T.: 0.000 min
Response: 2446913
Conc: 19.15 ug/ml



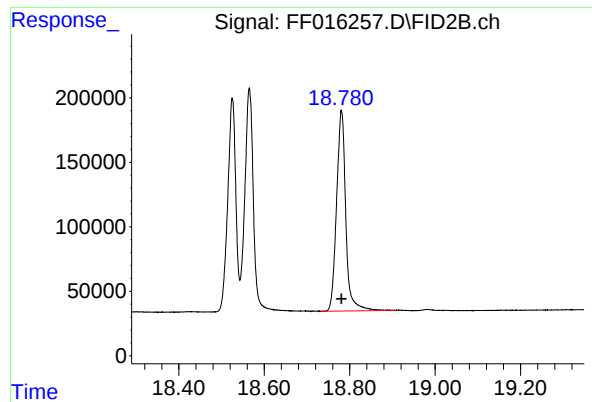
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.525 min
Delta R.T.: 0.001 min
Response: 2168852
Conc: 18.99 ug/ml



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

R.T.: 18.565 min
Delta R.T.: 0.000 min
Response: 2387403
Conc: 19.02 ug/ml



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

R.T.: 18.781 min
Delta R.T.: 0.000 min
Response: 2325692
Conc: 18.86 ug/ml