

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AR\
 Data File : FF015192.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 12:02
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 13:14:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:12:04 2024
 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...	7.991	2659815	19.820 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
6) S 2-Fluorobiphenyl (SURR)	8.863	1821121	19.887 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.77%
11) S ortho-Terphenyl (SURR)	11.922	2973119	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	2900295	19.811 ug/ml
2) T Naphthalene (C11.7)	6.271	2989569	19.747 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	2938807	19.852 ug/ml
5) T Acenaphthylene (C15.06)	8.664	3006591	19.788 ug/ml
7) T Acenaphthene (C15.5)	8.963	2929327	19.931 ug/ml
8) T Flouorene (C16.55)	9.750	2976979	19.814 ug/ml
9) T Phenanthrene (C19.36)	11.153	2905656	19.789 ug/ml
10) T Anthracene (C19.43)	11.228	2880101	19.932 ug/ml
12) T Fluoranthene (C21.85)	12.970	2906478	19.748 ug/ml
13) T Pyrene (C20.8)	13.268	2895856	19.853 ug/ml
14) T Benzo[a]anthracene (C...	15.144	2780397	19.801 ug/ml
15) T Chrysene (C27.41)	15.187	2767843	19.717 ug/ml
16) T benzo[b]fluoranthene ...	16.698	2725321	19.740 ug/ml
17) T Bnezo[k]fluoranthene ...	16.731	2712043	19.707 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.078	2584342	19.726 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.445	2386900	19.638 ug/ml
20) T Dibenz[a,h]anthracene...	18.485	2613324	19.543 ug/ml
21) T Benzo[g,h,i]perylene ...	18.700	2535427	19.682 ug/ml

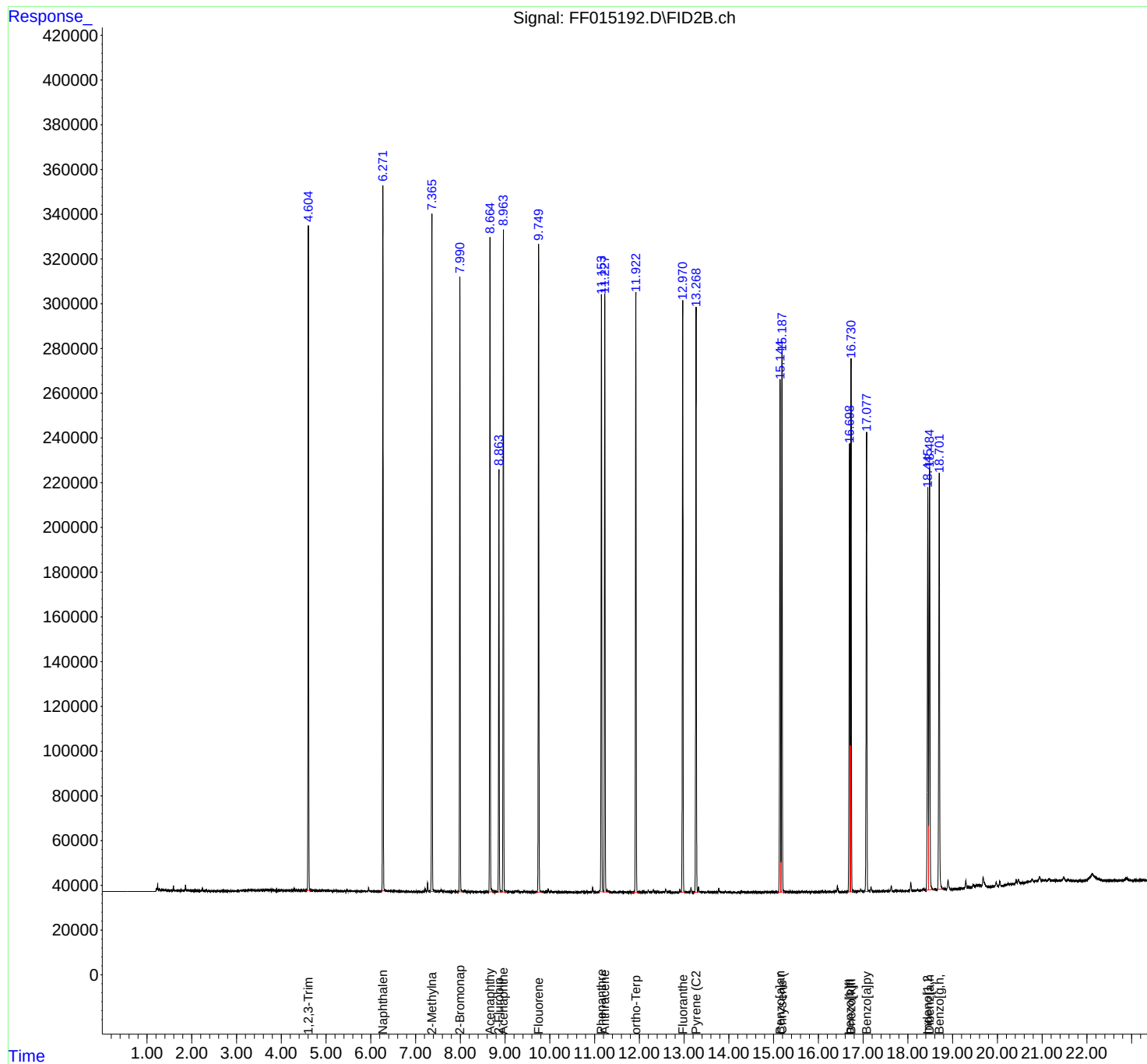
(f)=RT Delta > 1/2 Window

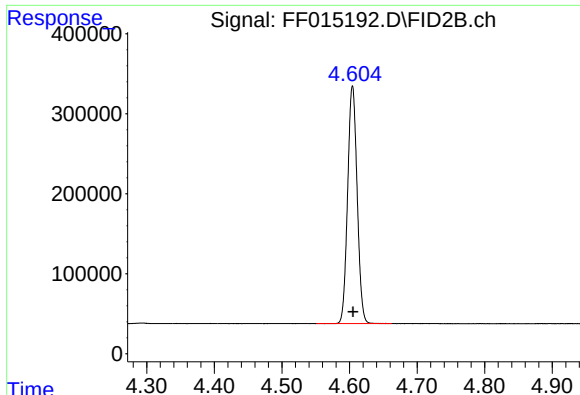
(m)=manual int.

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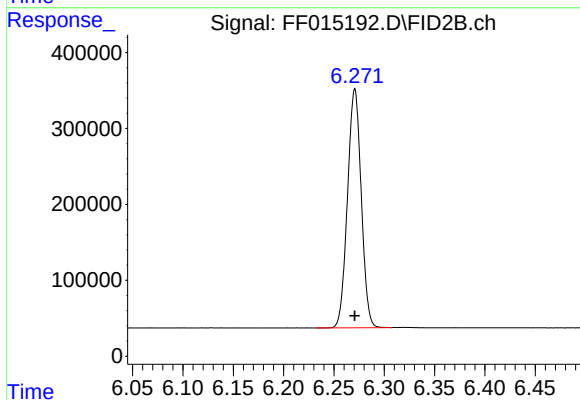
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





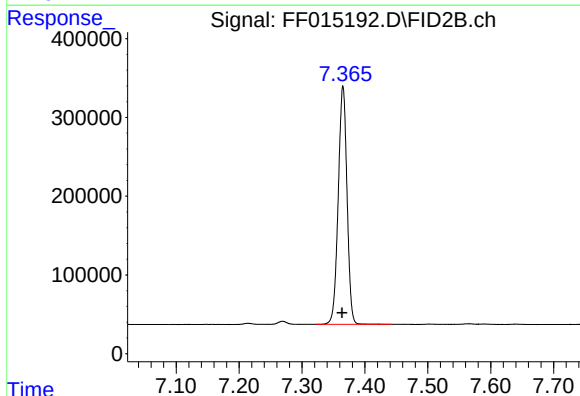
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2900295
Conc: 19.81 ug/ml



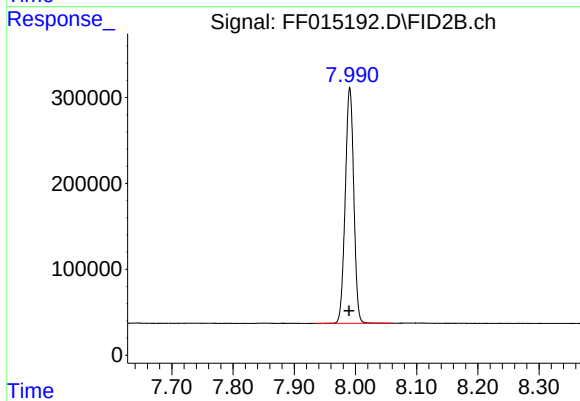
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2989569
Conc: 19.75 ug/ml



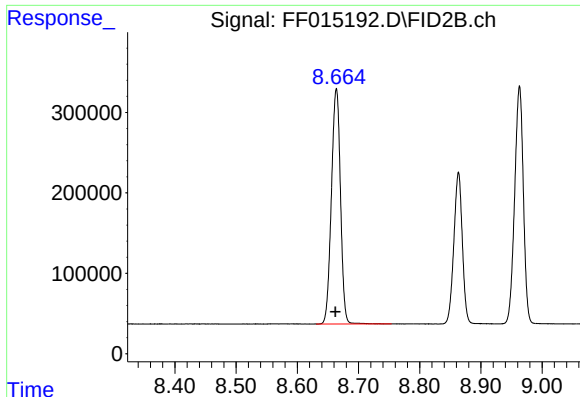
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.001 min
Response: 2938807
Conc: 19.85 ug/ml



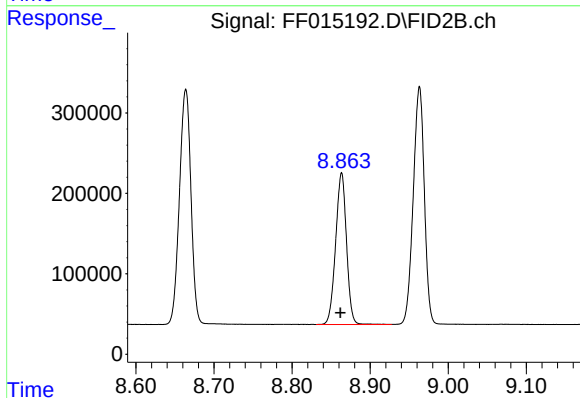
#4 2-Bromonaphthalene (SURR)

R.T.: 7.991 min
Delta R.T.: 0.001 min
Response: 2659815
Conc: 19.82 ug/ml



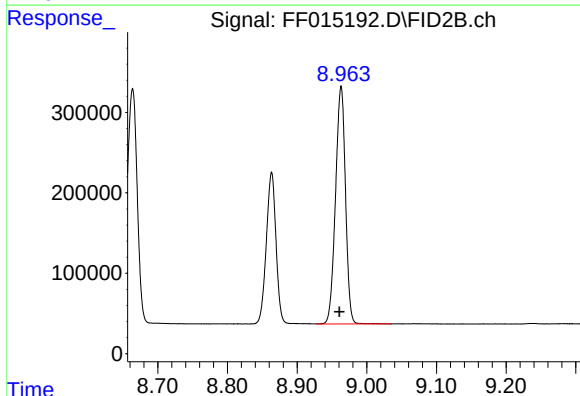
#5 Acenaphthylene (C15.06)

R.T.: 8.664 min
Delta R.T.: 0.001 min
Response: 3006591
Conc: 19.79 ug/ml



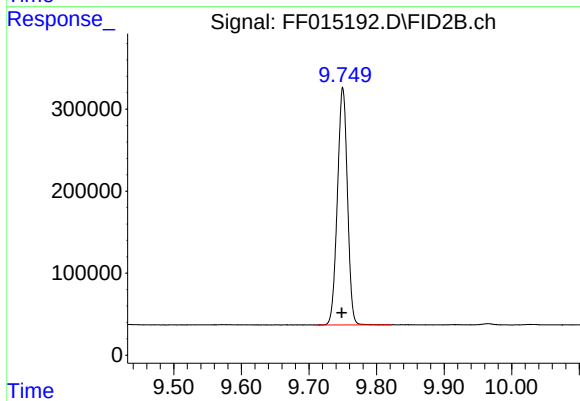
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.002 min
Response: 1821121
Conc: 19.89 ug/ml



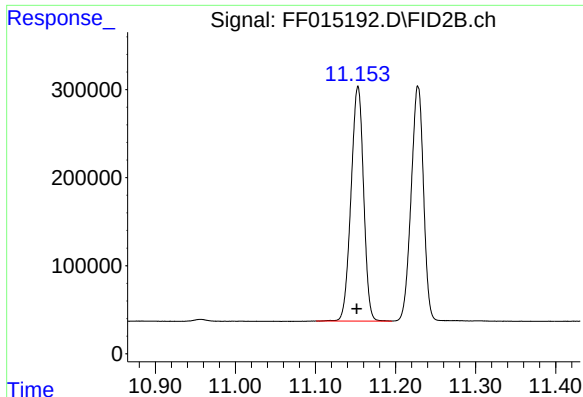
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.002 min
Response: 2929327
Conc: 19.93 ug/ml



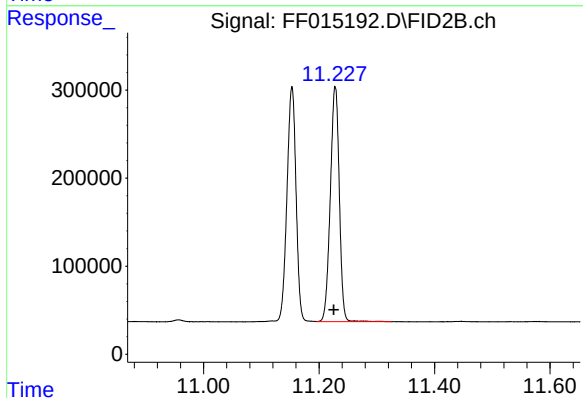
#8 Flouorene (C16.55)

R.T.: 9.750 min
Delta R.T.: 0.001 min
Response: 2976979
Conc: 19.81 ug/ml



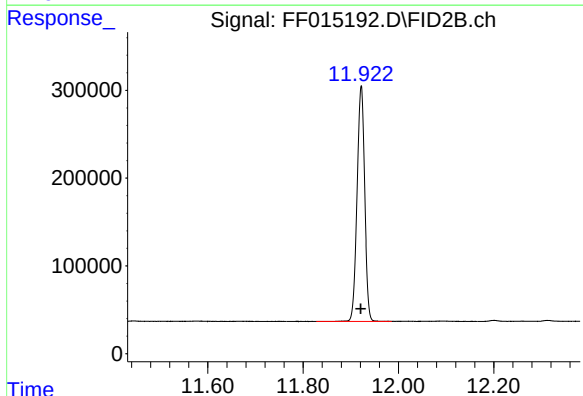
#9 Phenanthrene (C19.36)

R.T.: 11.153 min
Delta R.T.: 0.002 min
Response: 2905656
Conc: 19.79 ug/ml



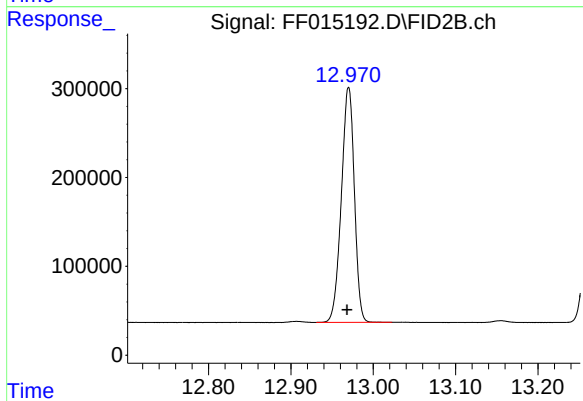
#10 Anthracene (C19.43)

R.T.: 11.228 min
Delta R.T.: 0.002 min
Response: 2880101
Conc: 19.93 ug/ml



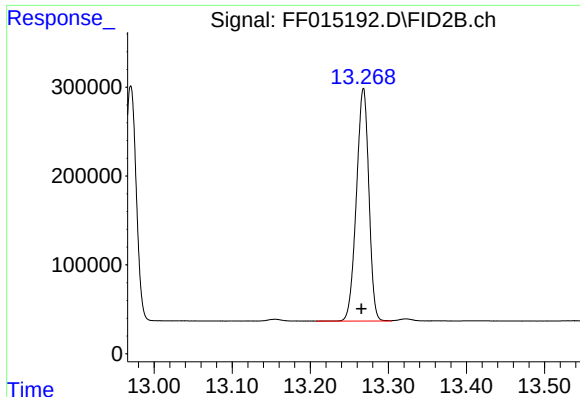
#11 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.001 min
Response: 2973119
Conc: 19.74 ug/ml



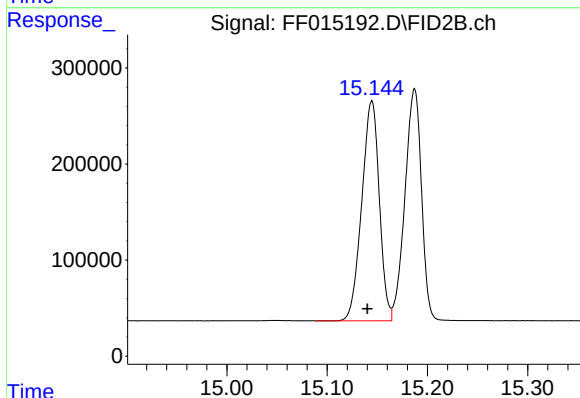
#12 Fluoranthene (C21.85)

R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 2906478
Conc: 19.75 ug/ml



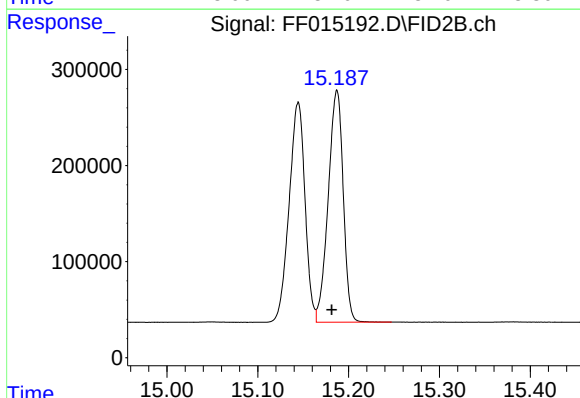
#13 Pyrene (C20.8)

R.T.: 13.268 min
Delta R.T.: 0.002 min
Response: 2895856
Conc: 19.85 ug/ml



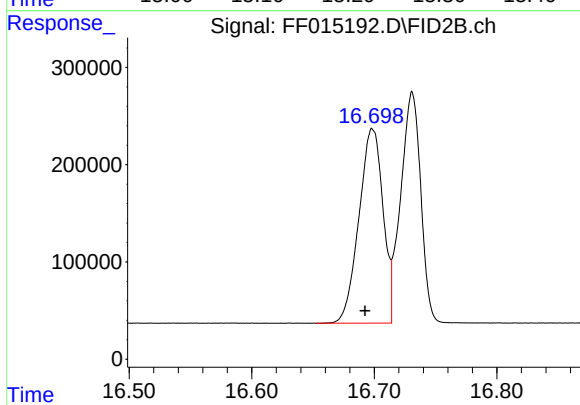
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.144 min
Delta R.T.: 0.004 min
Response: 2780397
Conc: 19.80 ug/ml



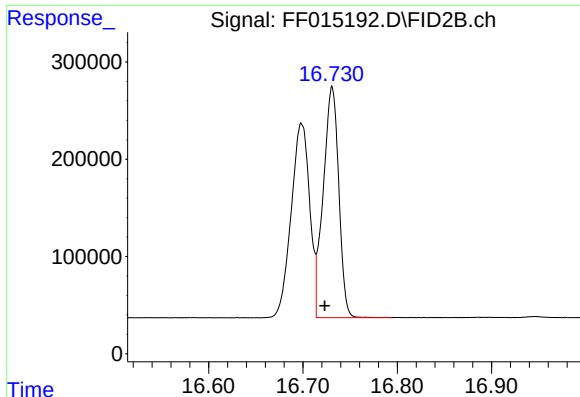
#15 Chrysene (C27.41)

R.T.: 15.187 min
Delta R.T.: 0.005 min
Response: 2767843
Conc: 19.72 ug/ml



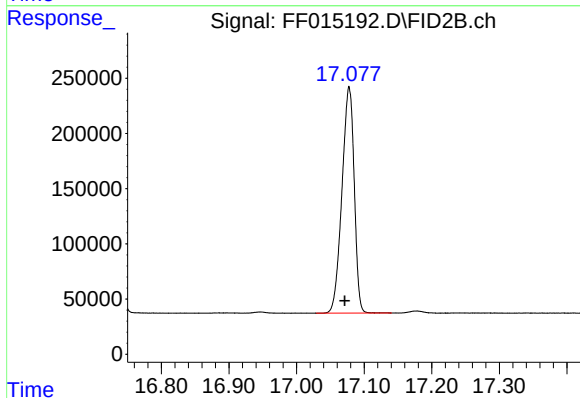
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.698 min
Delta R.T.: 0.006 min
Response: 2725321
Conc: 19.74 ug/ml



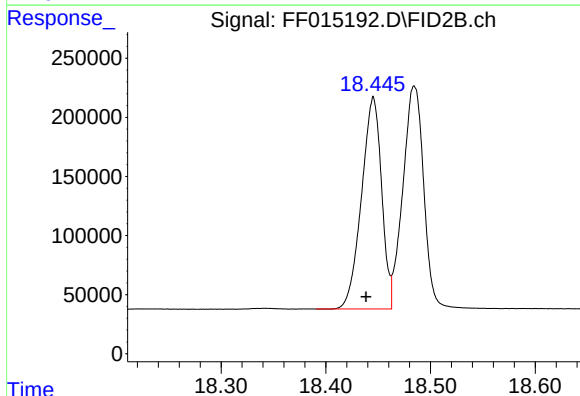
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.731 min
Delta R.T.: 0.008 min
Response: 2712043
Conc: 19.71 ug/ml



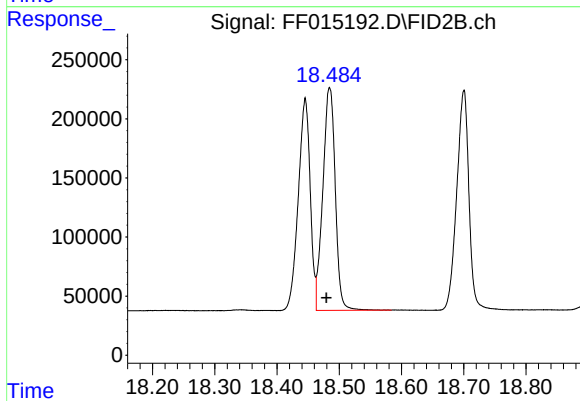
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.078 min
Delta R.T.: 0.006 min
Response: 2584342
Conc: 19.73 ug/ml



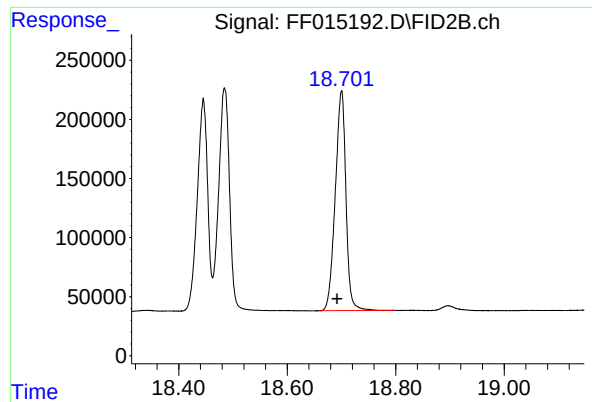
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.445 min
Delta R.T.: 0.007 min
Response: 2386900
Conc: 19.64 ug/ml



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

R.T.: 18.485 min
Delta R.T.: 0.005 min
Response: 2613324
Conc: 19.54 ug/ml



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

R.T.: 18.700 min
Delta R.T.: 0.008 min
Response: 2535427
Conc: 19.68 ug/ml