

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AR\
 Data File : FF015194.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 12:59
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 13:14:58 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	2614688	19.483 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
6) S 2-Fluorobiphenyl (SURR)	8.863	1790565	19.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.11%
11) S ortho-Terphenyl (SURR)	11.922	2925489	19.420 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2856681	19.513 ug/ml
2) T Naphthalene (C11.7)	6.271	2943360	19.441 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	2890846	19.528 ug/ml
5) T Acenaphthylene (C15.06)	8.664	2955786	19.454 ug/ml
7) T Acenaphthene (C15.5)	8.963	2878079	19.582 ug/ml
8) T Flouorene (C16.55)	9.750	2924633	19.466 ug/ml
9) T Phenanthrene (C19.36)	11.153	2855612	19.448 ug/ml
10) T Anthracene (C19.43)	11.228	2812747	19.466 ug/ml
12) T Fluoranthene (C21.85)	12.970	2857704	19.416 ug/ml
13) T Pyrene (C20.8)	13.268	2847164	19.519 ug/ml
14) T Benzo[a]anthracene (C...	15.145	2726614	19.418 ug/ml
15) T Chrysene (C27.41)	15.187	2719593	19.373 ug/ml
16) T benzo[b]fluoranthene ...	16.699	2669354	19.335 ug/ml
17) T Bnezo[k]fluoranthene ...	16.731	2664038	19.358 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.077	2539549	19.384 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.445	2329630	19.166 ug/ml
20) T Dibenz[a,h]anthracene...	18.484	2546705	19.045 ug/ml
21) T Benzo[g,h,i]perylene ...	18.699	2490088	19.330 ug/ml

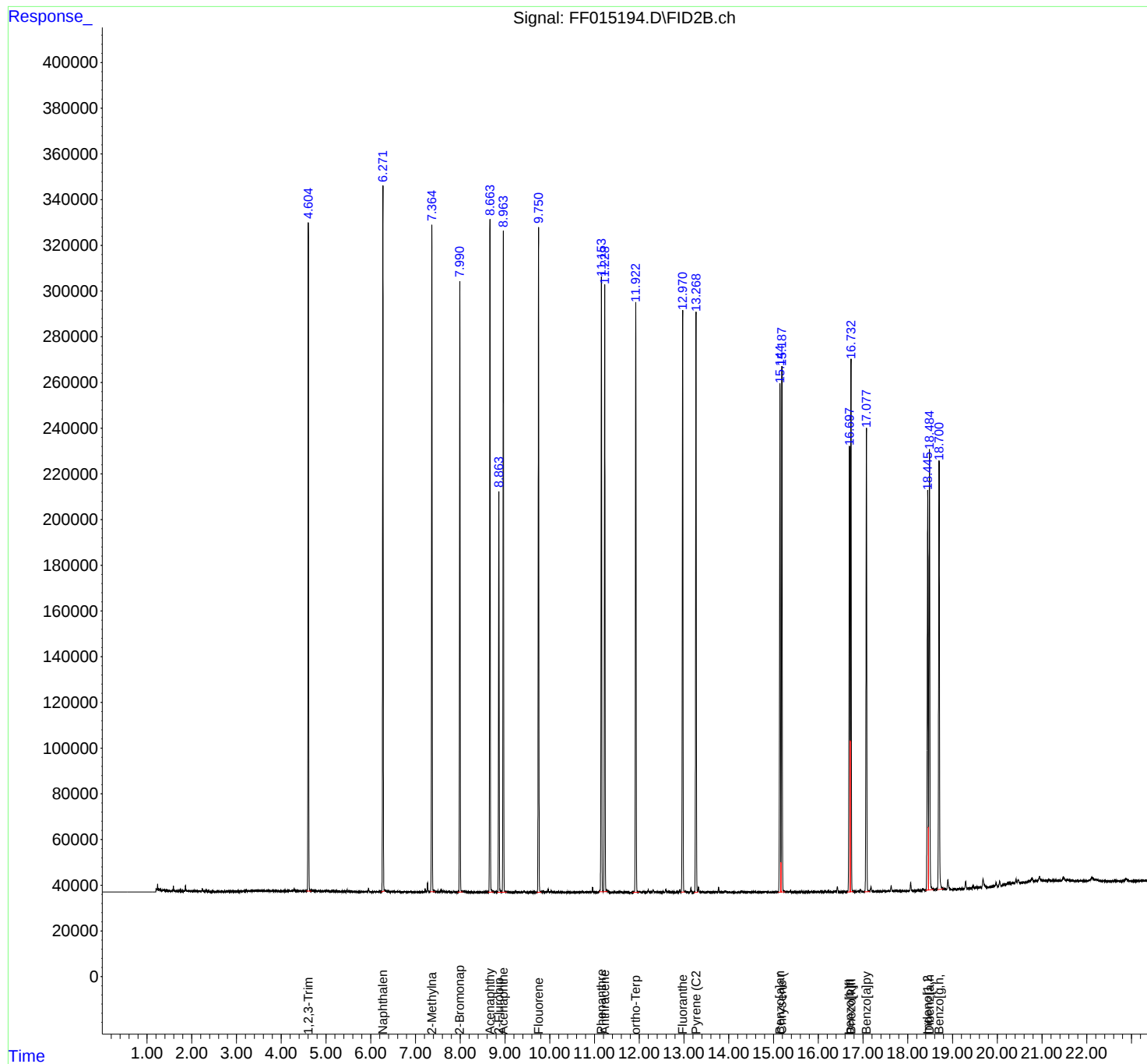
(f)=RT Delta > 1/2 Window

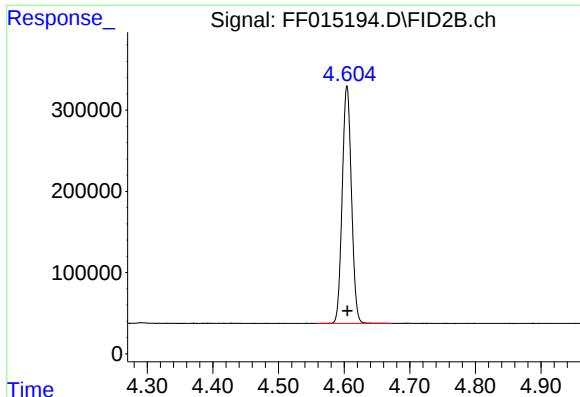
(m)=manual int.

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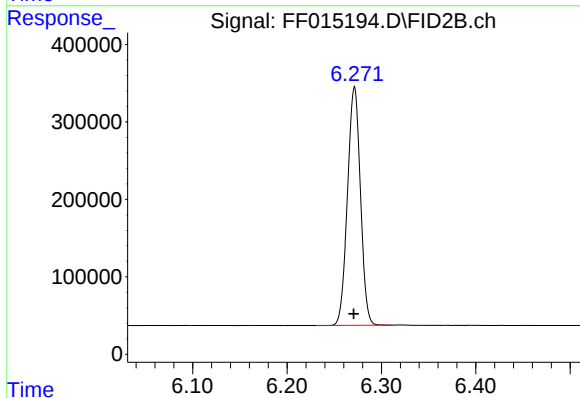
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Signal Info : 20M x 0.18mm x 0.18µm





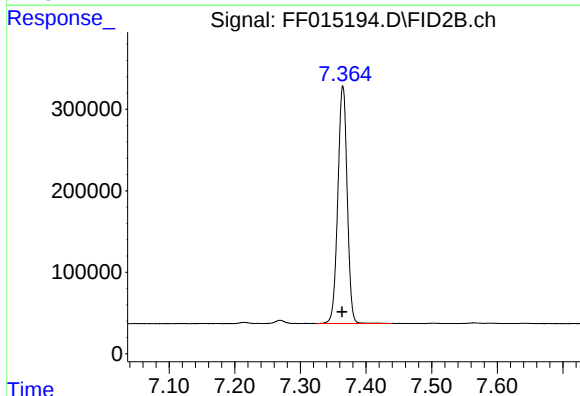
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 2856681
Conc: 19.51 ug/ml



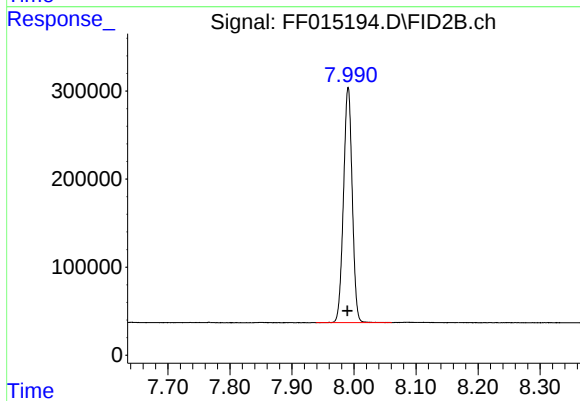
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2943360
Conc: 19.44 ug/ml



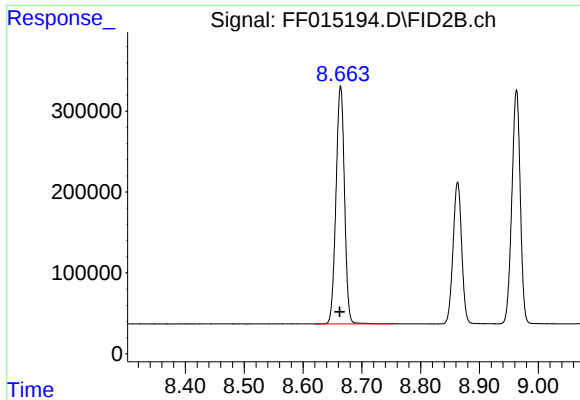
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2890846
Conc: 19.53 ug/ml



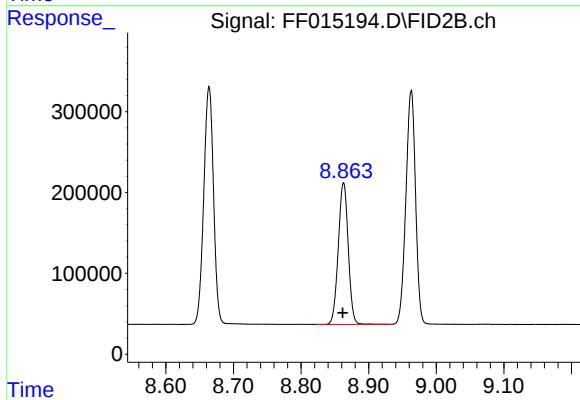
#4 2-Bromonaphthalene (SURR)

R.T.: 7.991 min
Delta R.T.: 0.001 min
Response: 2614688
Conc: 19.48 ug/ml



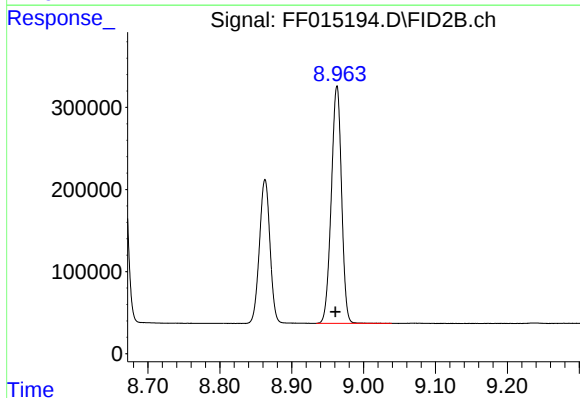
#5 Acenaphthylene (C15.06)

R.T.: 8.664 min
Delta R.T.: 0.001 min
Response: 2955786
Conc: 19.45 ug/ml



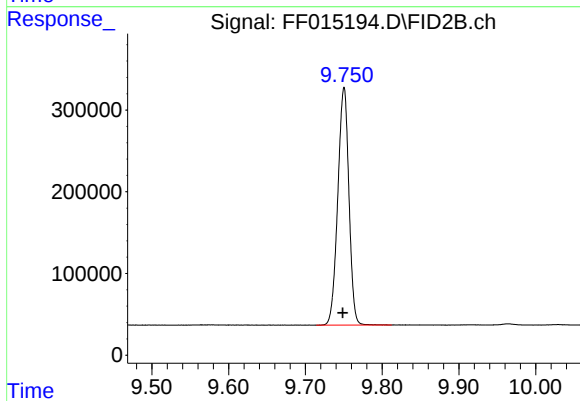
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.001 min
Response: 1790565
Conc: 19.55 ug/ml



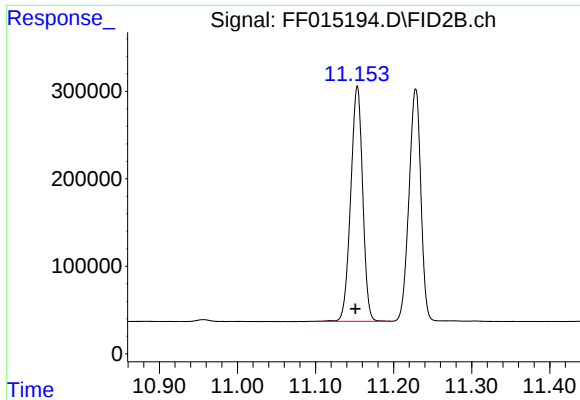
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.002 min
Response: 2878079
Conc: 19.58 ug/ml



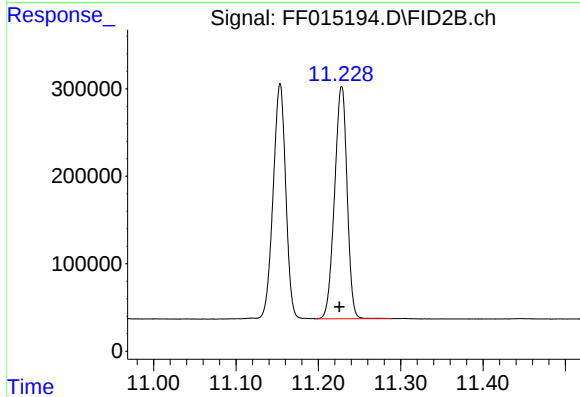
#8 Fluorene (C16.55)

R.T.: 9.750 min
Delta R.T.: 0.001 min
Response: 2924633
Conc: 19.47 ug/ml



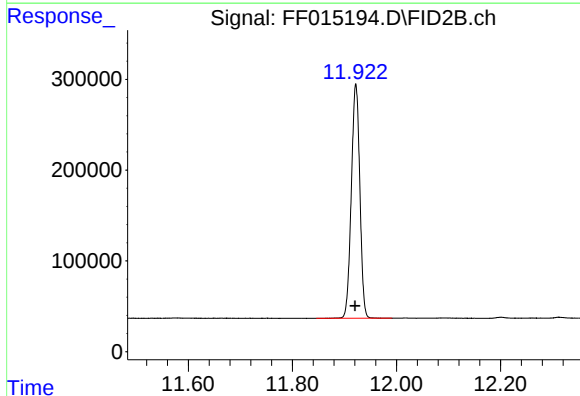
#9 Phenanthrene (C19.36)

R.T.: 11.153 min
Delta R.T.: 0.002 min
Response: 2855612
Conc: 19.45 ug/ml



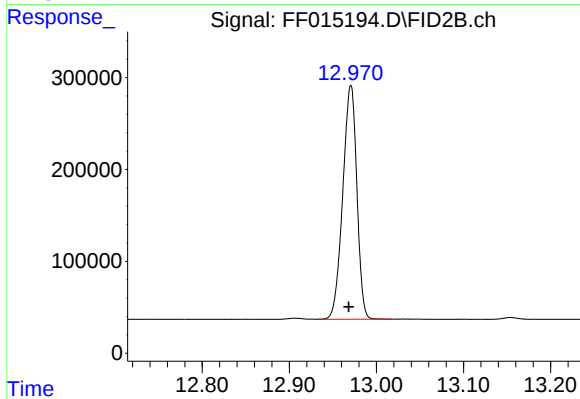
#10 Anthracene (C19.43)

R.T.: 11.228 min
Delta R.T.: 0.002 min
Response: 2812747
Conc: 19.47 ug/ml



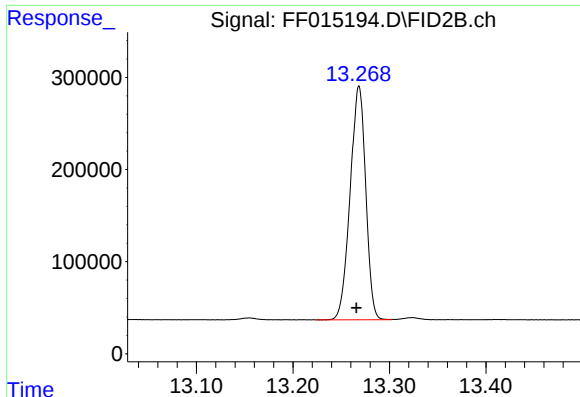
#11 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.001 min
Response: 2925489
Conc: 19.42 ug/ml



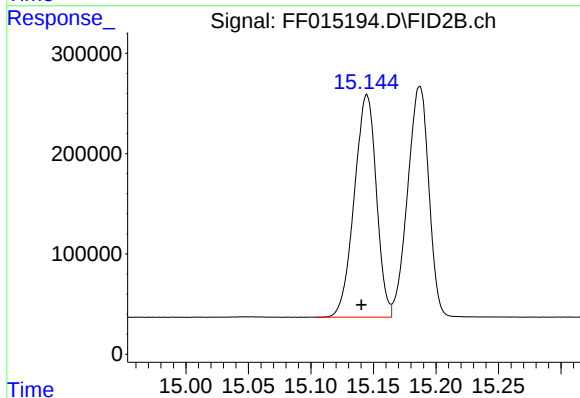
#12 Fluoranthene (C21.85)

R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 2857704
Conc: 19.42 ug/ml



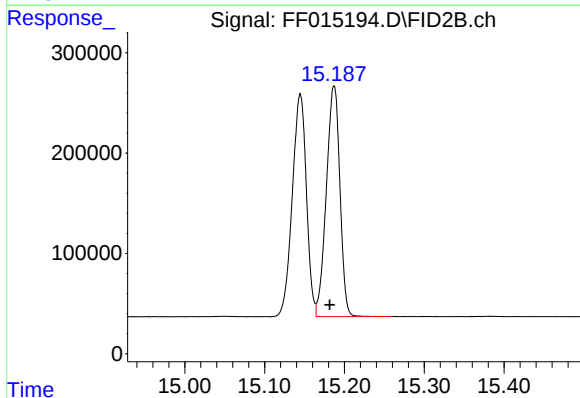
#13 Pyrene (C20.8)

R.T.: 13.268 min
Delta R.T.: 0.003 min
Response: 2847164
Conc: 19.52 ug/ml



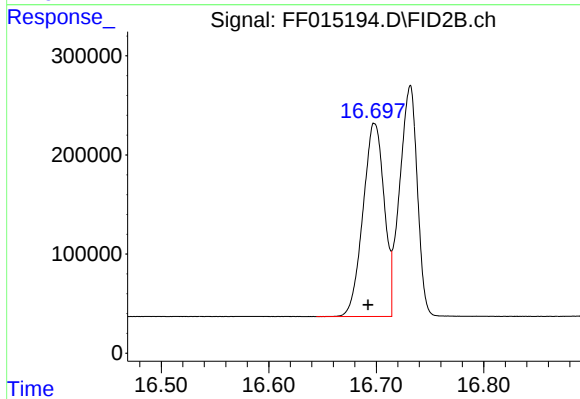
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.145 min
Delta R.T.: 0.004 min
Response: 2726614
Conc: 19.42 ug/ml



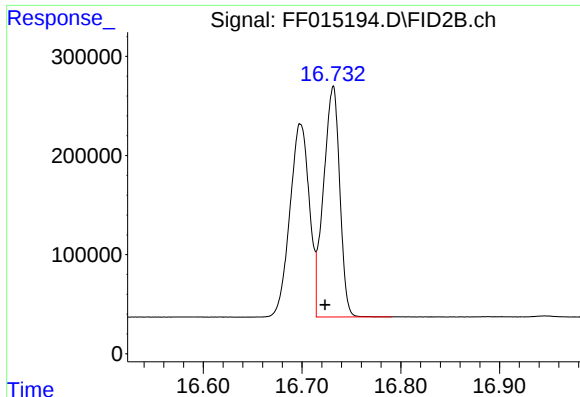
#15 Chrysene (C27.41)

R.T.: 15.187 min
Delta R.T.: 0.005 min
Response: 2719593
Conc: 19.37 ug/ml



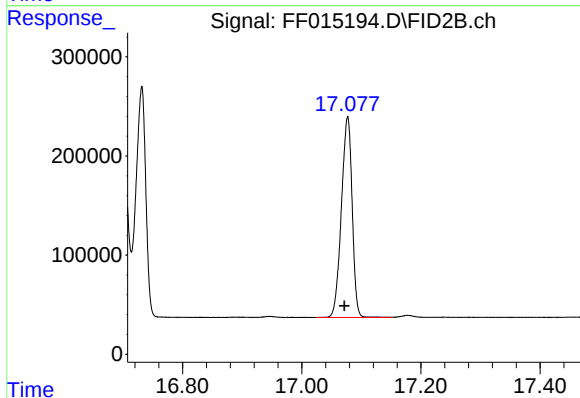
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.699 min
Delta R.T.: 0.006 min
Response: 2669354
Conc: 19.33 ug/ml



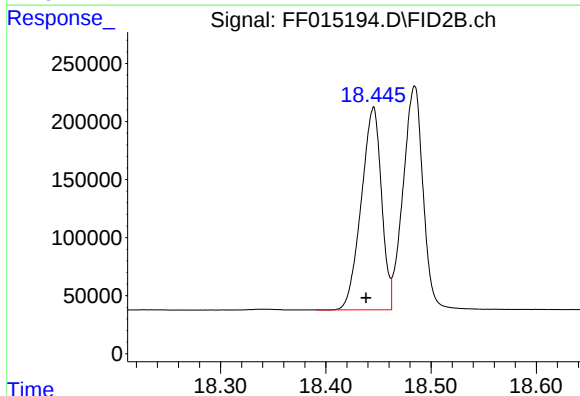
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.731 min
Delta R.T.: 0.008 min
Response: 2664038
Conc: 19.36 ug/ml



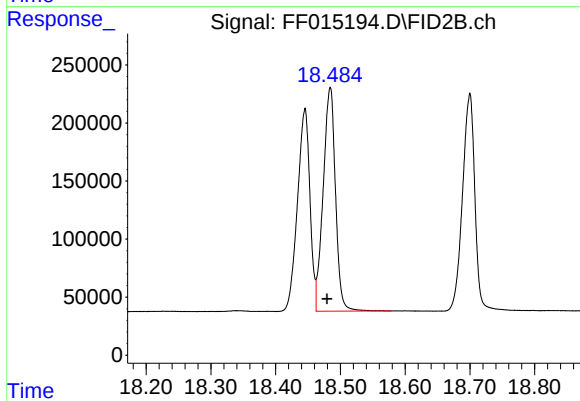
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.077 min
Delta R.T.: 0.006 min
Response: 2539549
Conc: 19.38 ug/ml



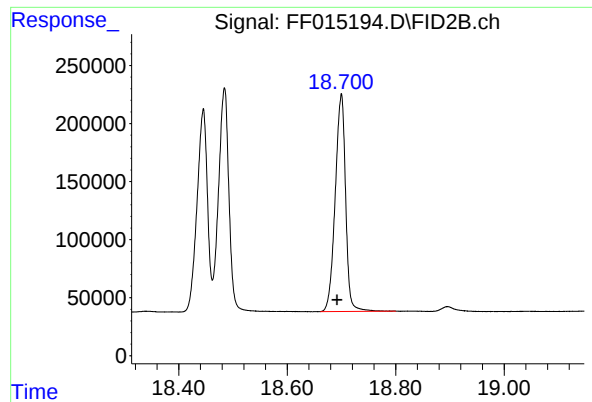
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.445 min
Delta R.T.: 0.007 min
Response: 2329630
Conc: 19.17 ug/ml



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

R.T.: 18.484 min
Delta R.T.: 0.005 min
Response: 2546705
Conc: 19.04 ug/ml



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

R.T.: 18.699 min
Delta R.T.: 0.008 min
Response: 2490088
Conc: 19.33 ug/ml