

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022223AR\
 Data File : FD045117.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 11:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 05:57:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 2023
 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...	7.554	2606559	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
6) S 2-Fluorobiphenyl (SURR)	8.409	1747715	19.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.00%
11) S ortho-Terphenyl (SURR)	11.449	3247677	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	2922436	19.521 ug/ml
2) T Naphthalene (C11.7)	5.893	3072392	19.568 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	3060100	19.560 ug/ml
5) T Acenaphthylene (C15.06)	8.213	2775149	19.436 ug/ml
7) T Acenaphthene (C15.5)	8.509	2940985	19.503 ug/ml
8) T Fluorene (C16.55)	9.287	2871956	19.484 ug/ml
9) T Phenanthrene (C19.36)	10.678	2808503	19.401 ug/ml
10) T Anthracene (C19.43)	10.752	2592757	19.150 ug/ml
12) T Fluoranthene (C21.85)	12.482	2769597	19.323 ug/ml
13) T Pyrene (C20.8)	12.777	2705223	19.319 ug/ml
14) T Benzo[a]anthracene (C...	14.642	2447188	19.236 ug/ml
15) T Chrysene (C27.41)	14.684	2532179	19.124 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2487379	18.966 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	2487379	19.181 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	2470797	19.249 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.961	2322670	18.492 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	2322670	18.990 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	2455022	19.351 ug/ml

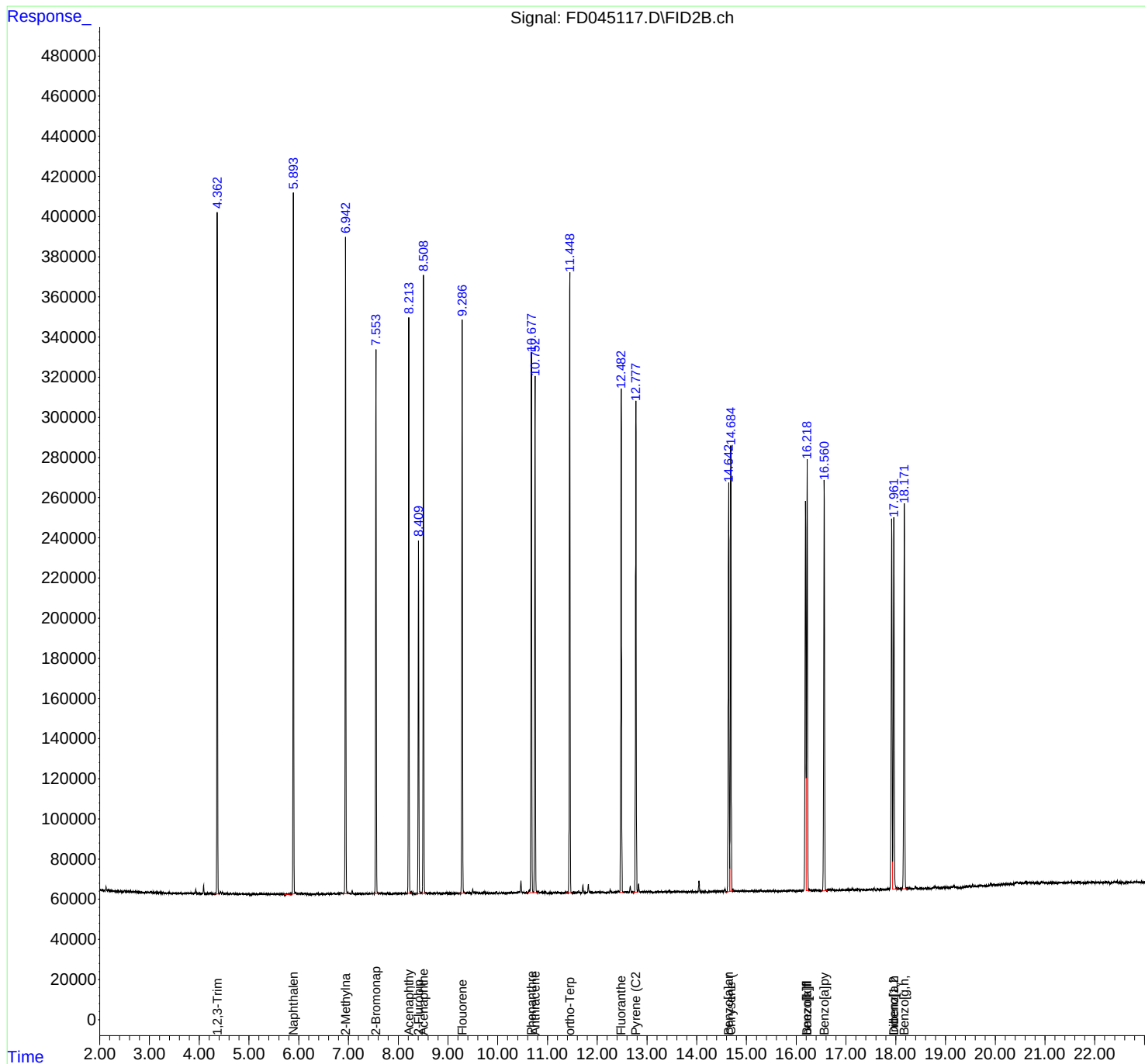
(f)=RT Delta > 1/2 Window

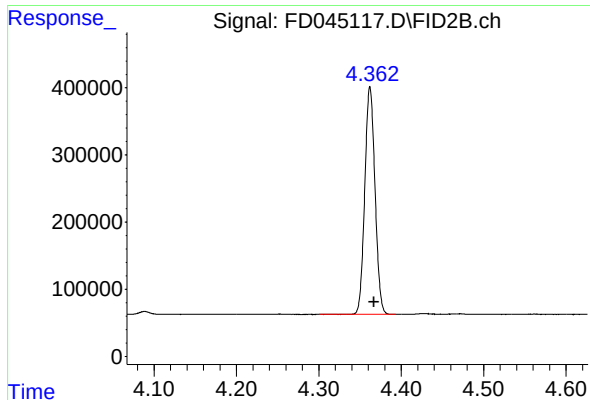
(m)=manual int.

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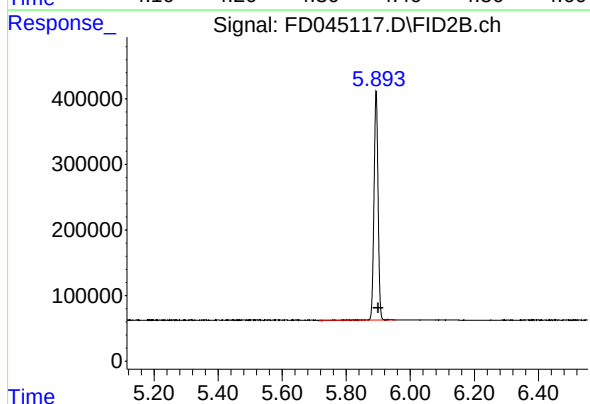
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Signal Info : 20M x 0.18mm x 0.18µm





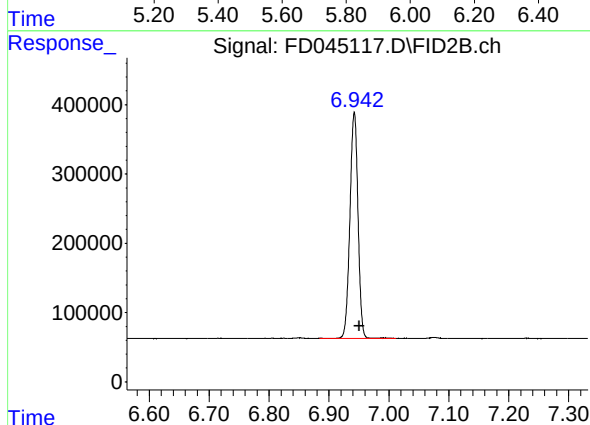
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2922436
Conc: 19.52 ug/ml



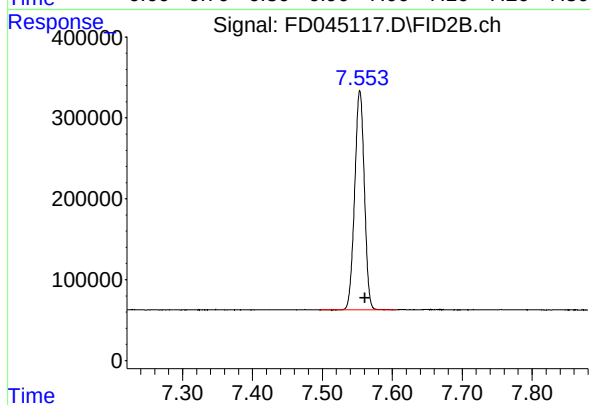
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 3072392
Conc: 19.57 ug/ml



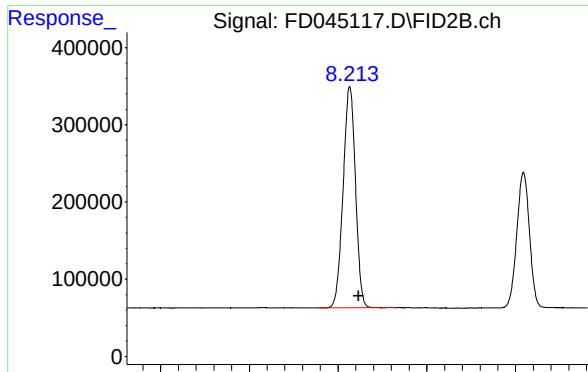
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.009 min
Response: 3060100
Conc: 19.56 ug/ml



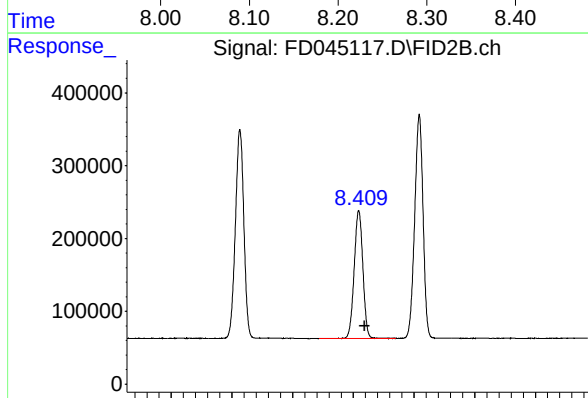
#4 2-Bromonaphthalene (SURR)

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 2606559
Conc: 19.43 ug/ml



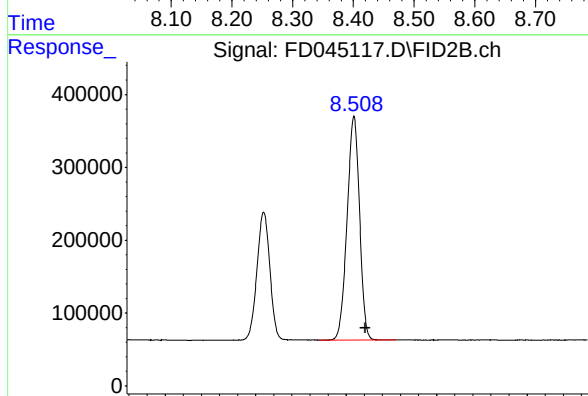
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.010 min
Response: 2775149
Conc: 19.44 ug/ml



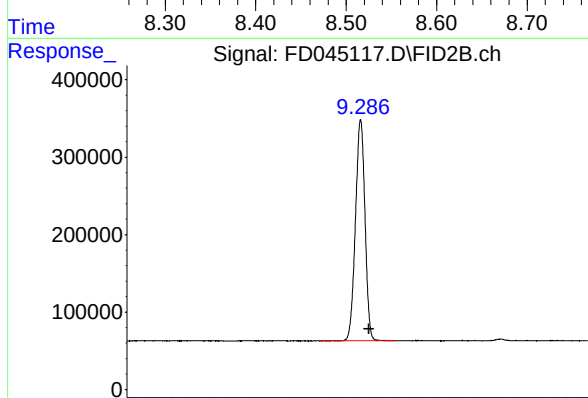
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min
Delta R.T.: -0.009 min
Response: 1747715
Conc: 19.50 ug/ml



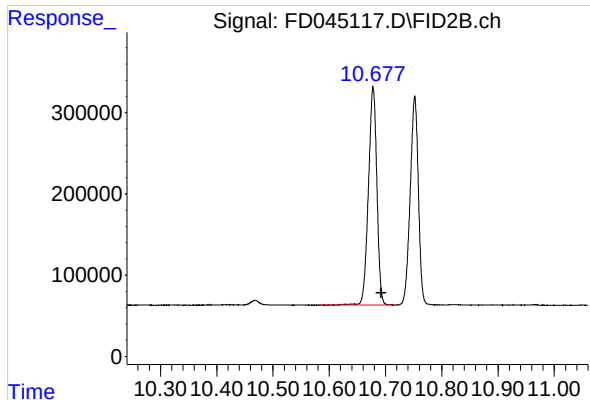
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: -0.012 min
Response: 2940985
Conc: 19.50 ug/ml



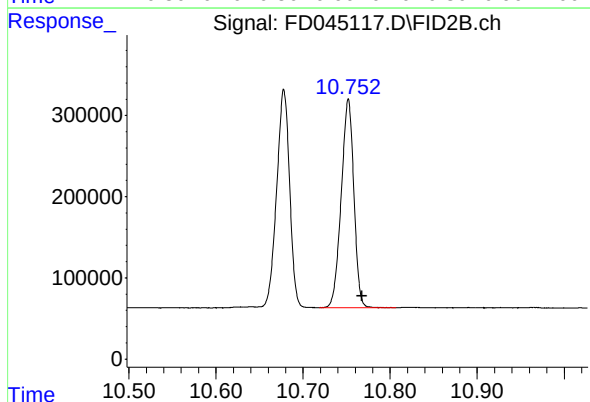
#8 Flouorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 2871956
Conc: 19.48 ug/ml



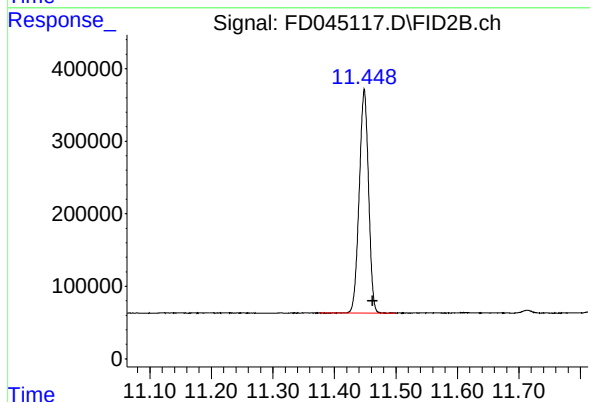
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.014 min
Response: 2808503
Conc: 19.40 ug/ml



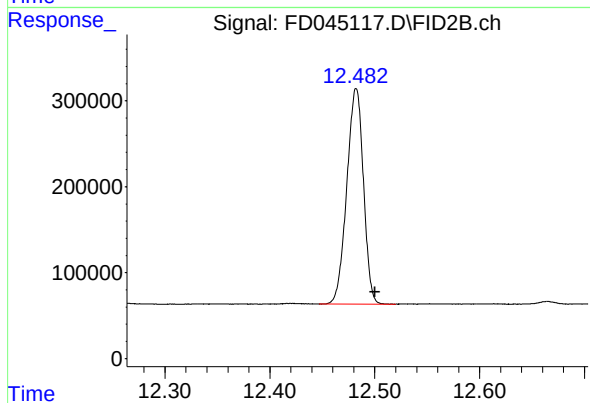
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: -0.016 min
Response: 2592757
Conc: 19.15 ug/ml



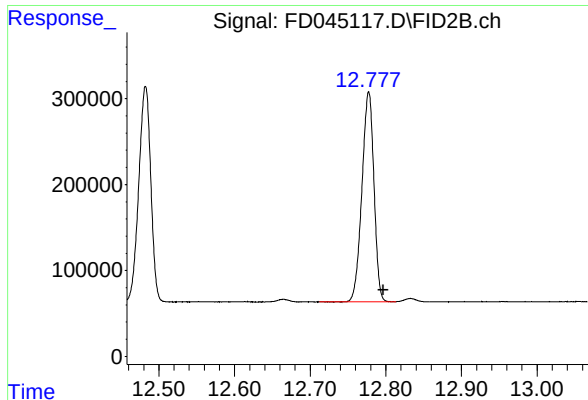
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: -0.013 min
Response: 3247677
Conc: 19.31 ug/ml



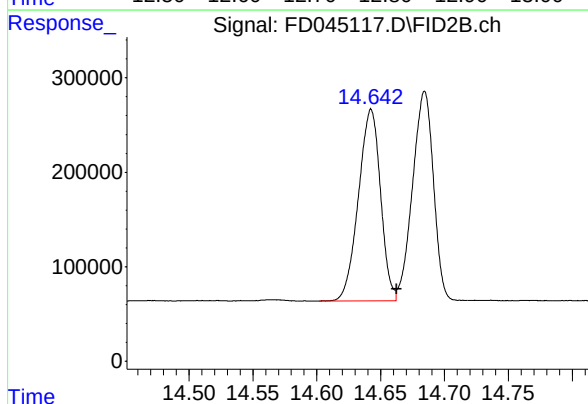
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.018 min
Response: 2769597
Conc: 19.32 ug/ml



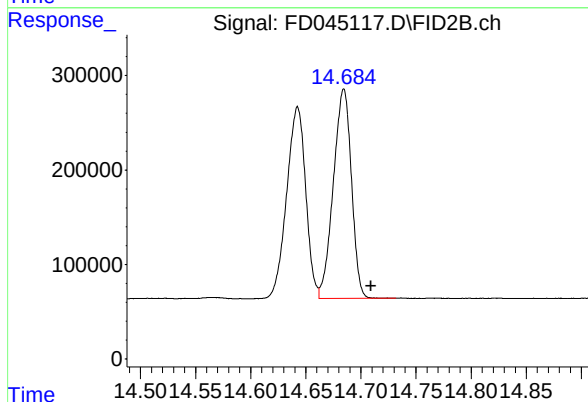
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.020 min
Response: 2705223
Conc: 19.32 ug/ml



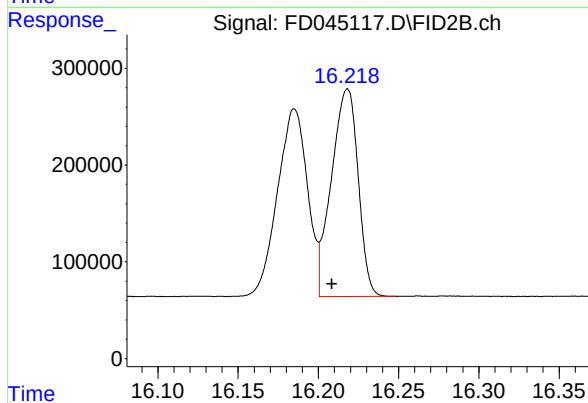
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: -0.020 min
Response: 2447188
Conc: 19.24 ug/ml



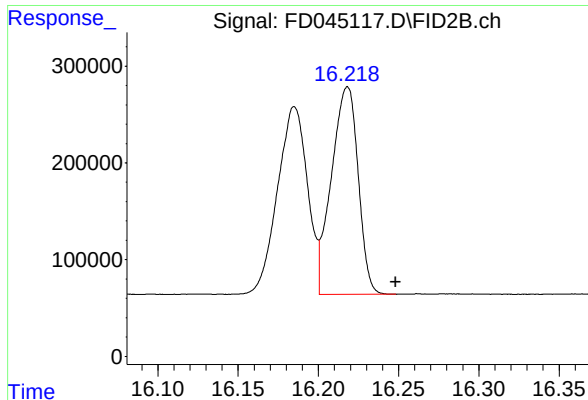
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: -0.025 min
Response: 2532179
Conc: 19.12 ug/ml



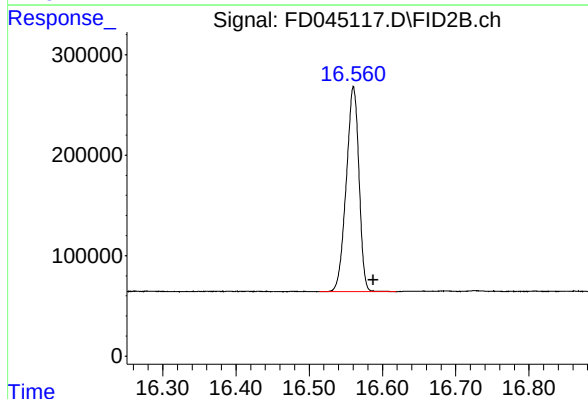
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min
Delta R.T.: 0.009 min
Response: 2487379
Conc: 18.97 ug/ml



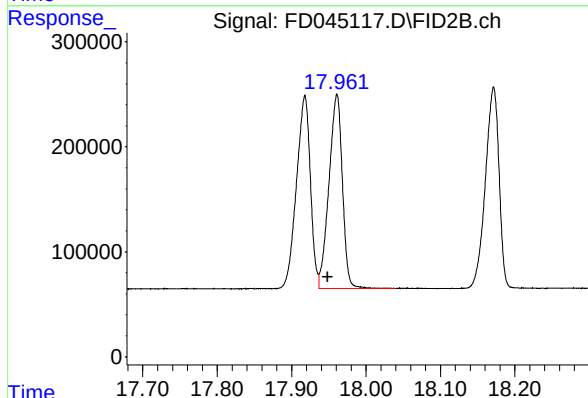
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: -0.030 min
Response: 2487379
Conc: 19.18 ug/ml



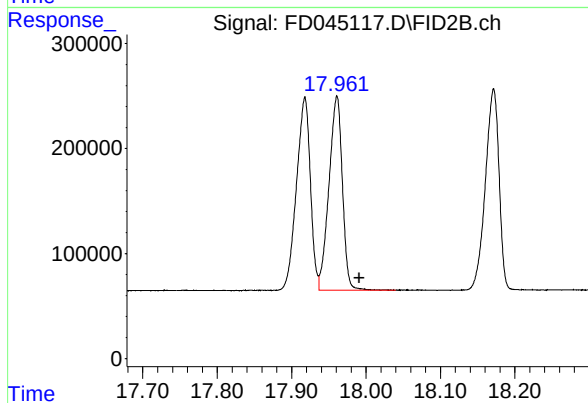
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: -0.027 min
Response: 2470797
Conc: 19.25 ug/ml



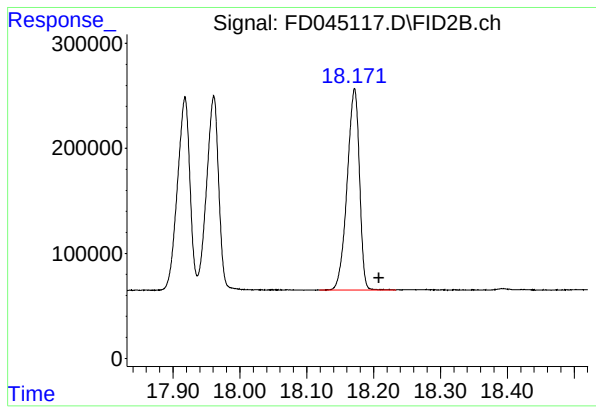
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.961 min
Delta R.T.: 0.012 min
Response: 2322670
Conc: 18.49 ug/ml



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

R.T.: 17.961 min
Delta R.T.: -0.030 min
Response: 2322670
Conc: 18.99 ug/ml



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

R.T.: 18.171 min
Delta R.T.: -0.037 min
Response: 2455022
Conc: 19.35 ug/ml