

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032724AR\
 Data File : FD047425.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2024 13:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:31:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.452	3317980	20.089 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
6) S 2-Fluorobiphenyl (SURR)	8.304	2182899	20.515 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.03%
11) S ortho-Terphenyl (SURR)	11.337	3838733	20.569 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3436960	19.339 ug/ml
2) T Naphthalene (C11.7)	5.795	3617953	19.839 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	3642723	19.974 ug/ml
5) T Acenaphthylene (C15.06)	8.108	3336862	20.015 ug/ml
7) T Acenaphthene (C15.5)	8.402	3579093	20.315 ug/ml
8) T Flouorene (C16.55)	9.180	3422106	20.316 ug/ml
9) T Phenanthrene (C19.36)	10.565	3314557	20.466 ug/ml
10) T Anthracene (C19.43)	10.640	2735049	18.584 ug/ml
12) T Fluoranthene (C21.85)	12.367	3318110	20.813 ug/ml
13) T Pyrene (C20.8)	12.660	3215371	20.783 ug/ml
14) T Benzo[a]anthracene (C...	14.522	2849183	21.018 ug/ml
15) T Chrysene (C27.41)	14.564	3103179	20.905 ug/ml
16) T benzo[b]fluoranthene ...	16.063	3016239	21.486 ug/ml
17) T Bnezo[k]fluoranthene ...	16.095	3037859	21.452 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	2913615	21.092 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2742351	21.942 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	2916296	22.114 ug/ml
21) T Benzo[g,h,i]perylene ...	18.045	2916562	21.707 ug/ml

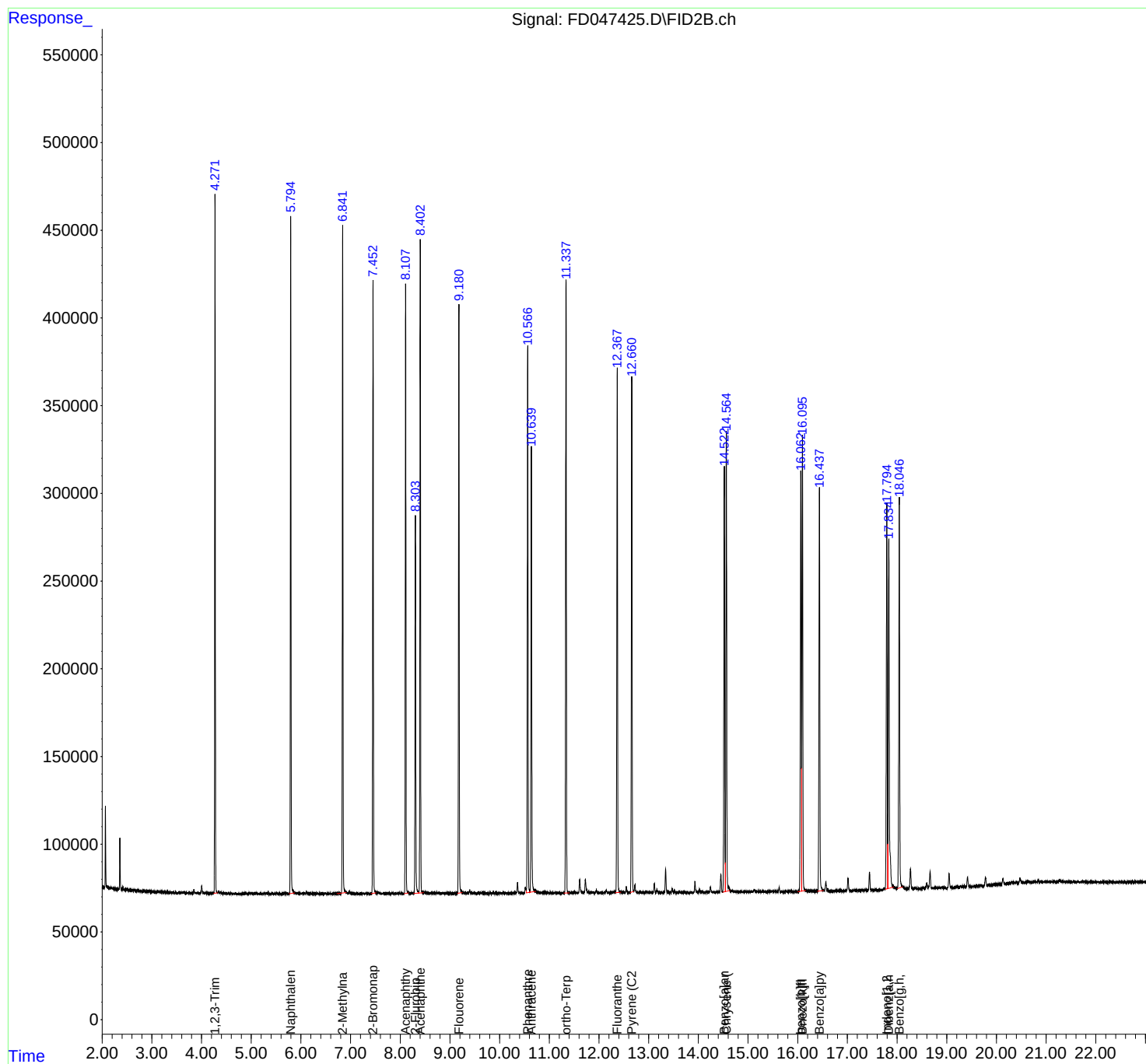
(f)=RT Delta > 1/2 Window

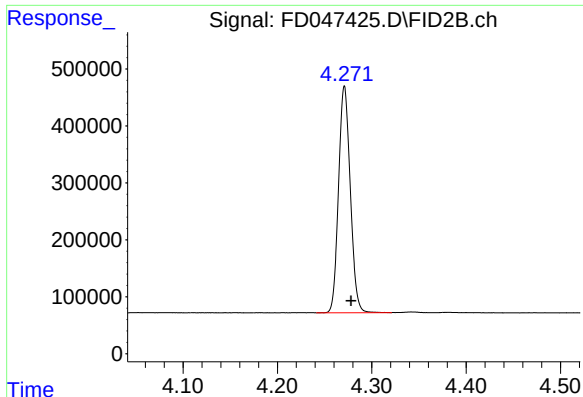
(m)=manual int.

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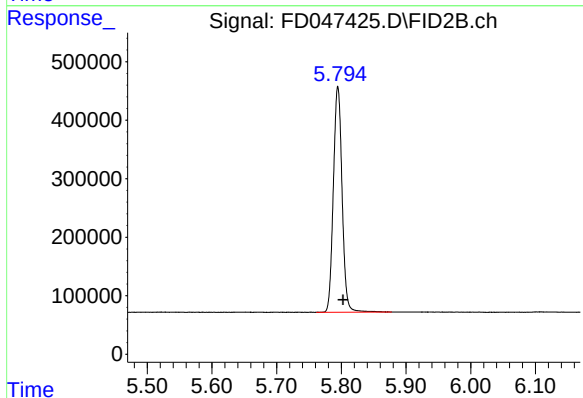
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





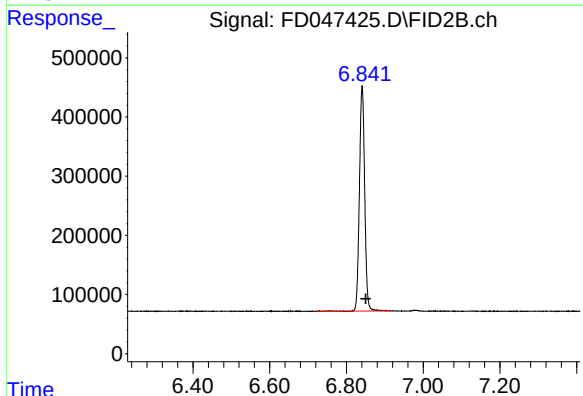
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.271 min
Delta R.T.: -0.007 min
Response: 3436960
Conc: 19.34 ug/ml



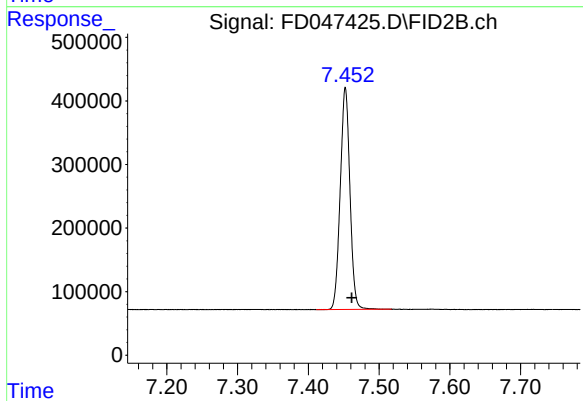
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 3617953
Conc: 19.84 ug/ml



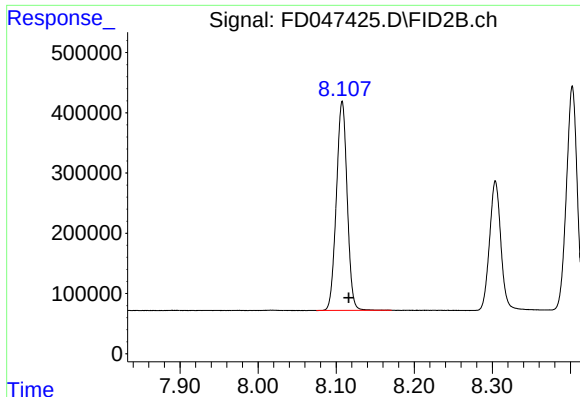
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 3642723
Conc: 19.97 ug/ml



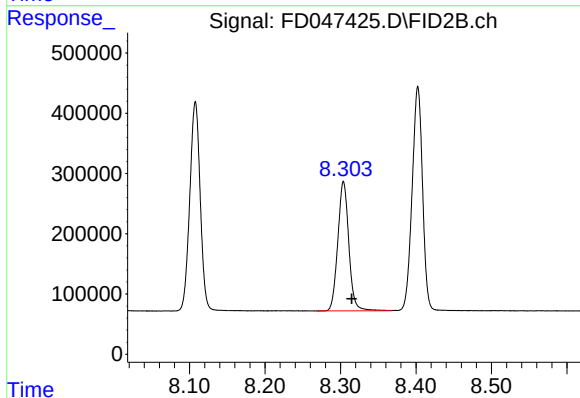
#4 2-Bromonaphthalene (SURR)

R.T.: 7.452 min
Delta R.T.: -0.009 min
Response: 3317980
Conc: 20.09 ug/ml



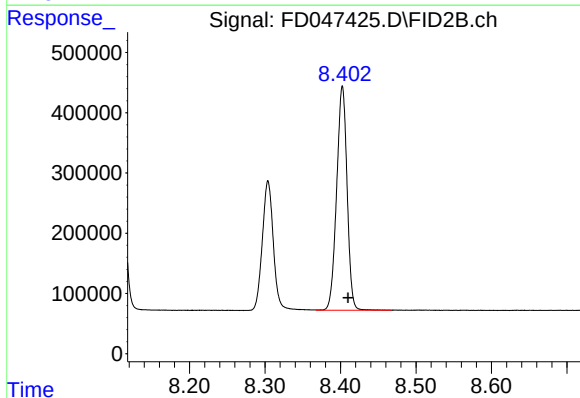
#5 Acenaphthylene (C15.06)

R.T.: 8.108 min
Delta R.T.: -0.008 min
Response: 3336862
Conc: 20.01 ug/ml



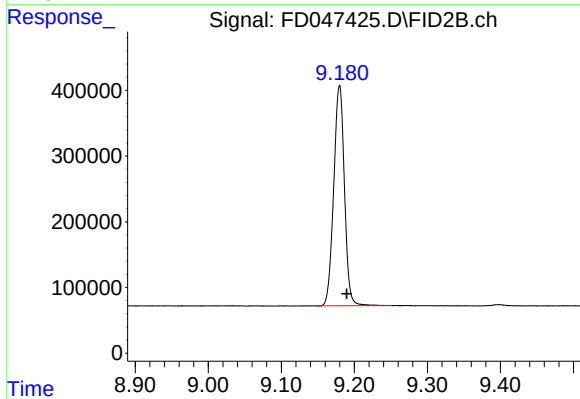
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.304 min
Delta R.T.: -0.011 min
Response: 2182899
Conc: 20.52 ug/ml



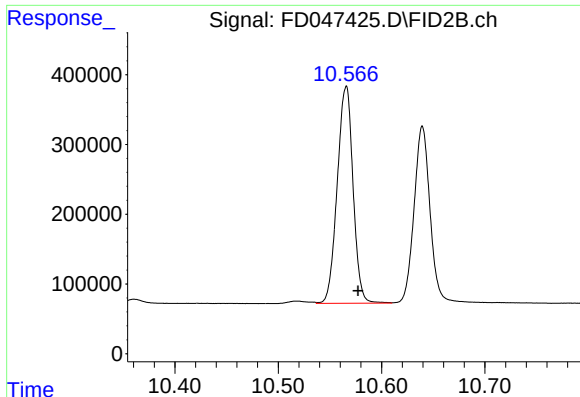
#7 Acenaphthene (C15.5)

R.T.: 8.402 min
Delta R.T.: -0.008 min
Response: 3579093
Conc: 20.31 ug/ml



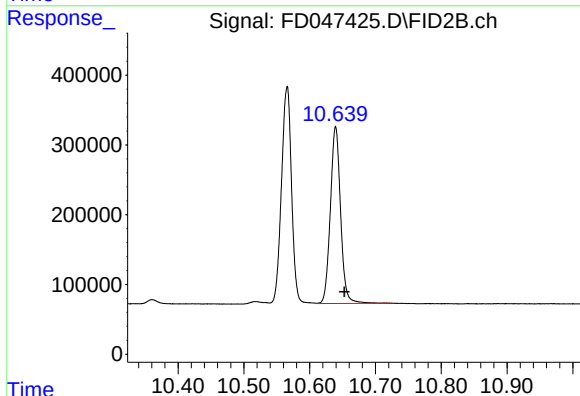
#8 Flouorene (C16.55)

R.T.: 9.180 min
Delta R.T.: -0.010 min
Response: 3422106
Conc: 20.32 ug/ml



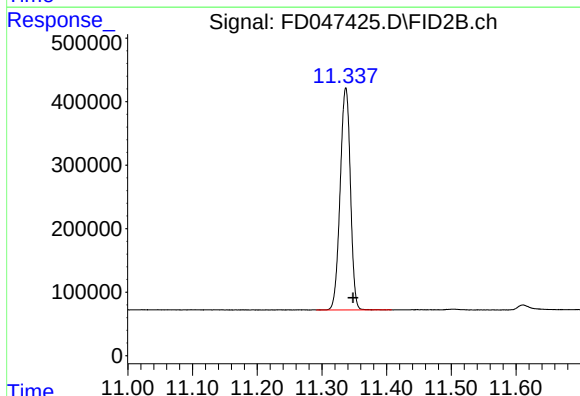
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: -0.012 min
Response: 3314557
Conc: 20.47 ug/ml



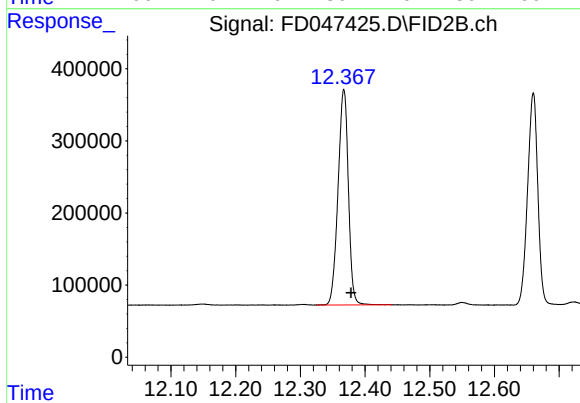
#10 Anthracene (C19.43)

R.T.: 10.640 min
Delta R.T.: -0.013 min
Response: 2735049
Conc: 18.58 ug/ml



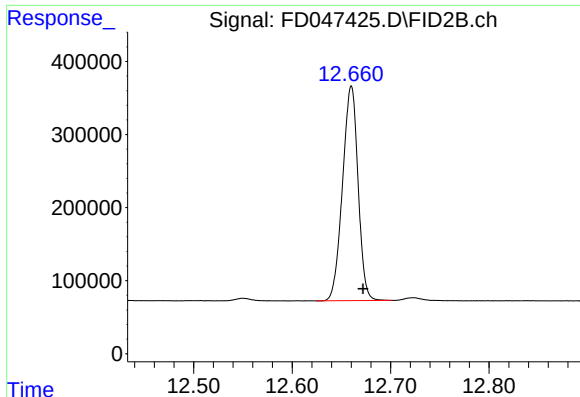
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.011 min
Response: 3838733
Conc: 20.57 ug/ml



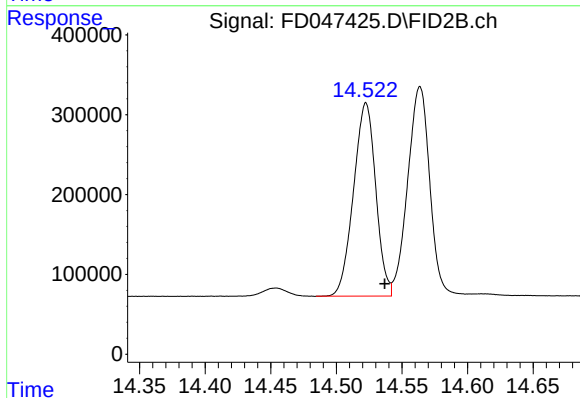
#12 Fluoranthene (C21.85)

R.T.: 12.367 min
Delta R.T.: -0.012 min
Response: 3318110
Conc: 20.81 ug/ml



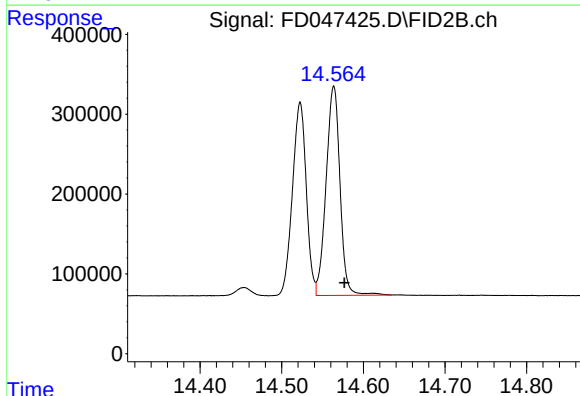
#13 Pyrene (C20.8)

R.T.: 12.660 min
Delta R.T.: -0.012 min
Response: 3215371
Conc: 20.78 ug/ml



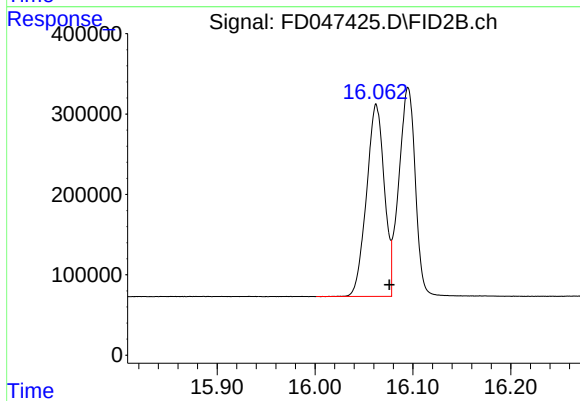
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: -0.014 min
Response: 2849183
Conc: 21.02 ug/ml



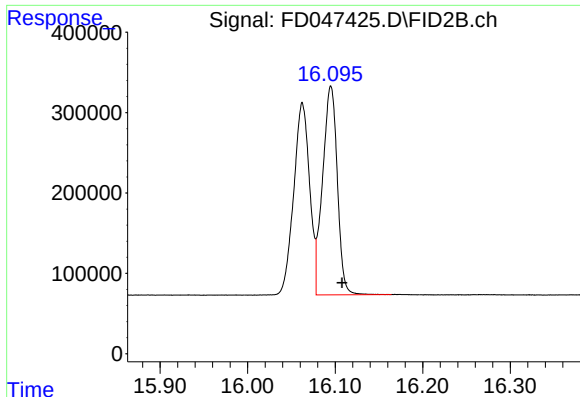
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: -0.013 min
Response: 3103179
Conc: 20.90 ug/ml



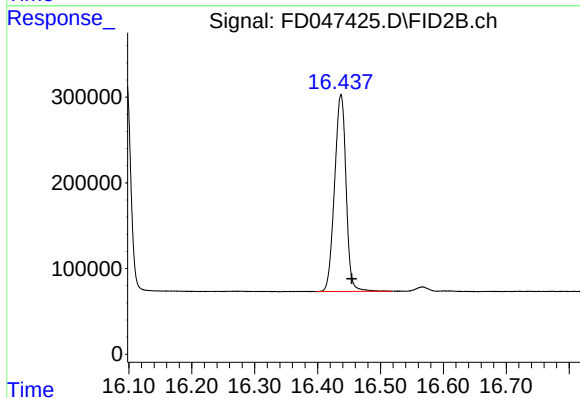
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.063 min
Delta R.T.: -0.014 min
Response: 3016239
Conc: 21.49 ug/ml



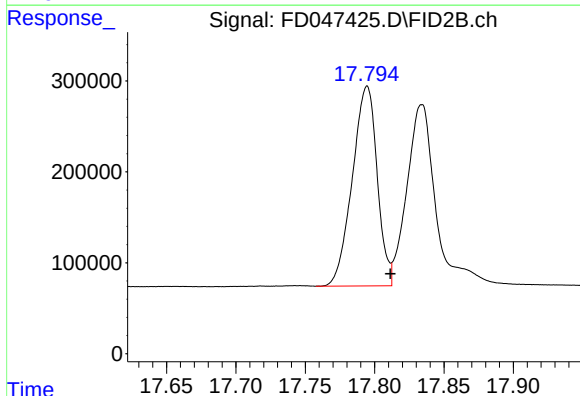
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.095 min
Delta R.T.: -0.013 min
Response: 3037859
Conc: 21.45 ug/ml



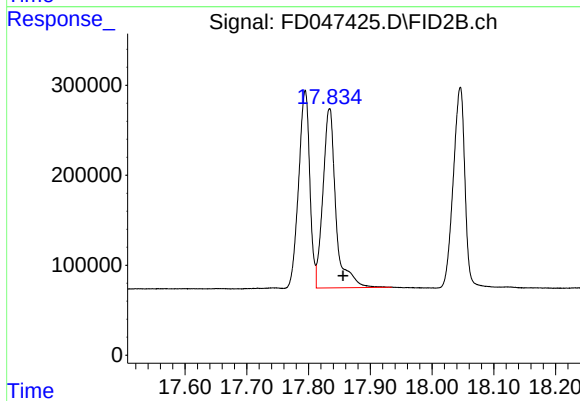
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.437 min
Delta R.T.: -0.017 min
Response: 2913615
Conc: 21.09 ug/ml



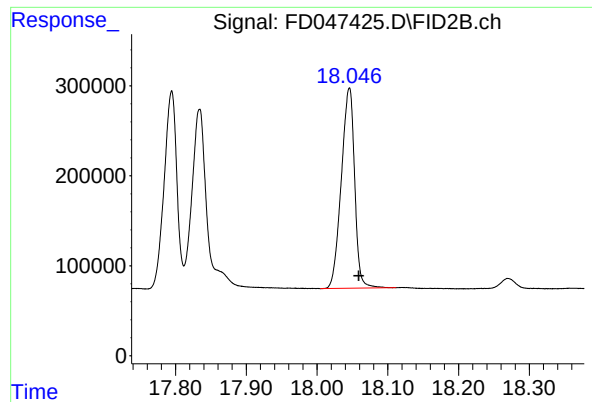
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.017 min
Response: 2742351
Conc: 21.94 ug/ml



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

R.T.: 17.834 min
Delta R.T.: -0.022 min
Response: 2916296
Conc: 22.11 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.014 min
Response: 2916562
Conc: 21.71 ug/ml