

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032724AR\
 Data File : FD047434.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2024 23:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:34:49 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	3354849	20.312 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
6) S 2-Fluorobiphenyl (SURR)	8.304	2222462	20.887 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.77%
11) S ortho-Terphenyl (SURR)	11.338	3878063	20.780 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3500603	19.697 ug/ml
2) T Naphthalene (C11.7)	5.795	3658451	20.061 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	3703215	20.305 ug/mlm
5) T Acenaphthylene (C15.06)	8.108	3366239	20.191 ug/ml
7) T Acenaphthene (C15.5)	8.402	3616951	20.530 ug/ml
8) T Flouorene (C16.55)	9.180	3490236	20.720 ug/ml
9) T Phenanthrene (C19.36)	10.567	3391632	20.942 ug/ml
10) T Anthracene (C19.43)	10.641	2814889	19.127 ug/ml
12) T Fluoranthene (C21.85)	12.368	3403344	21.348 ug/ml
13) T Pyrene (C20.8)	12.661	3281243	21.209 ug/ml
14) T Benzo[a]anthracene (C...	14.524	2957976	21.820 ug/ml
15) T Chrysene (C27.41)	14.566	3186196	21.464 ug/mlm
16) T benzo[b]fluoranthene ...	16.065	3097042	22.062 ug/ml
17) T Bnezo[k]fluoranthene ...	16.096	3120584	22.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	3006883	21.767 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	2926762	23.417 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	2957981	22.430 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.048	3036451	22.599 ug/ml

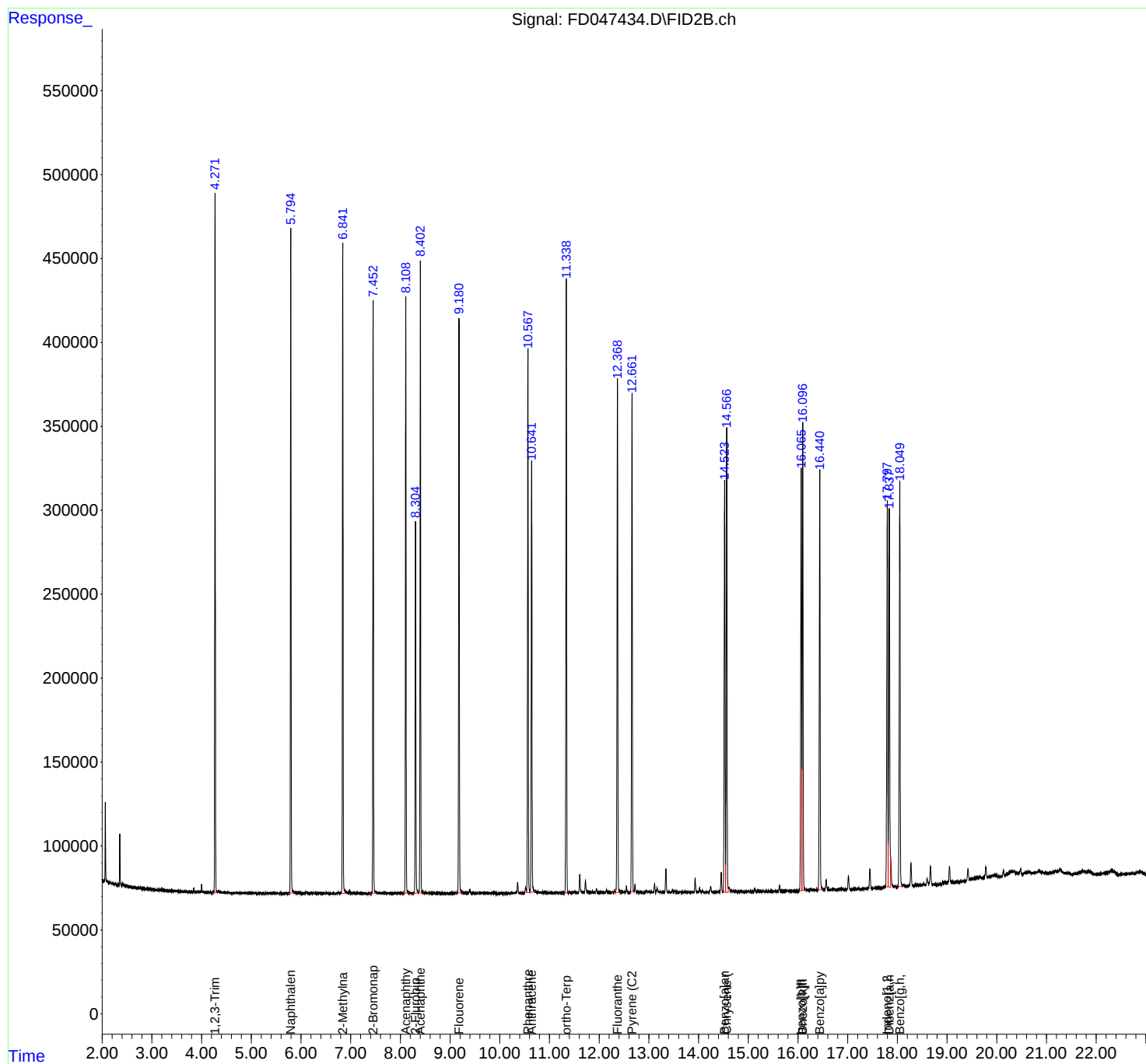
(f)=RT Delta > 1/2 Window

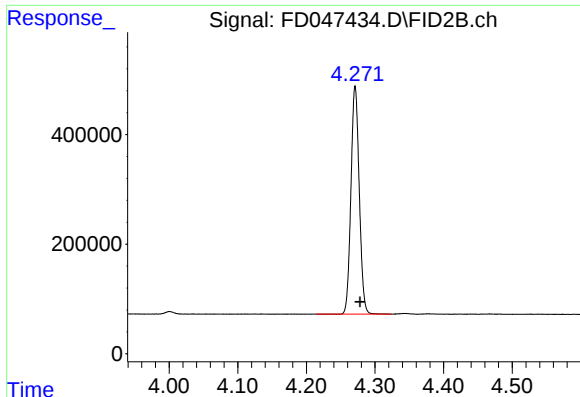
(m)=manual int.

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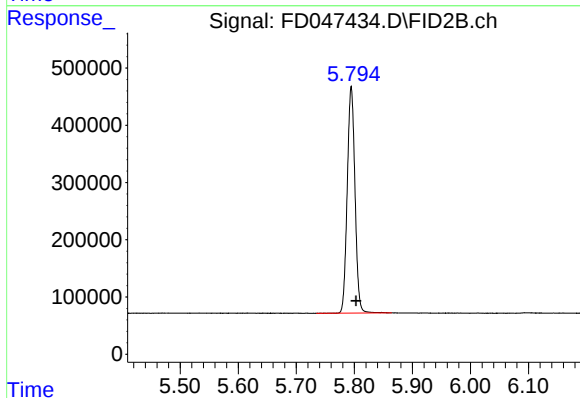
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





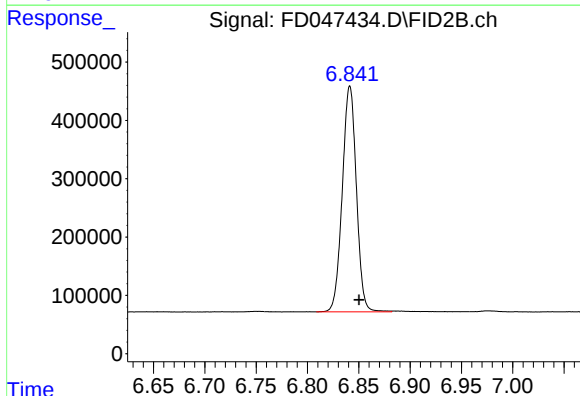
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.271 min
Delta R.T.: -0.007 min
Response: 3500603
Conc: 19.70 ug/ml



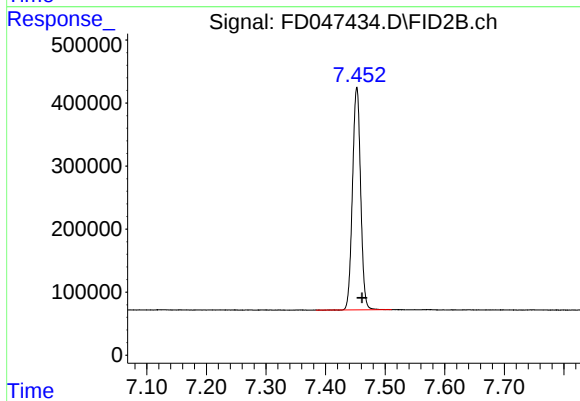
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 3658451
Conc: 20.06 ug/ml



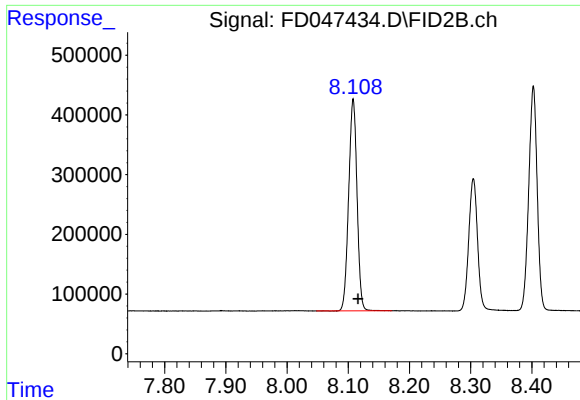
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 3703215
Conc: 20.31 ug/ml m



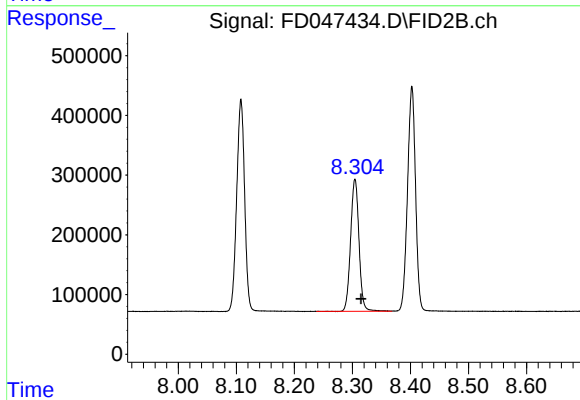
#4 2-Bromonaphthalene (SURR)

R.T.: 7.452 min
Delta R.T.: -0.009 min
Response: 3354849
Conc: 20.31 ug/ml



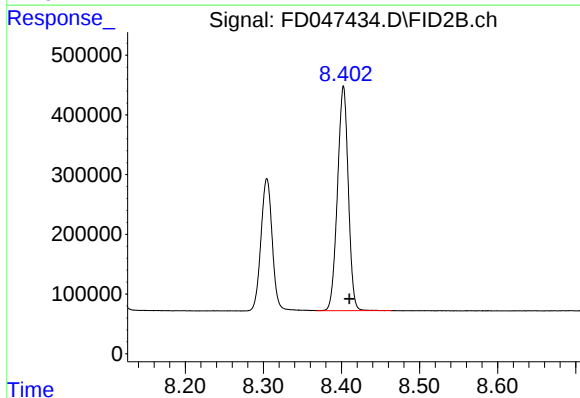
#5 Acenaphthylene (C15.06)

R.T.: 8.108 min
Delta R.T.: -0.008 min
Response: 3366239
Conc: 20.19 ug/ml



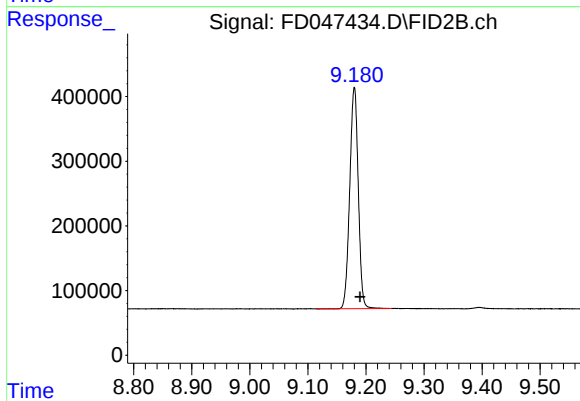
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.304 min
Delta R.T.: -0.010 min
Response: 2222462
Conc: 20.89 ug/ml



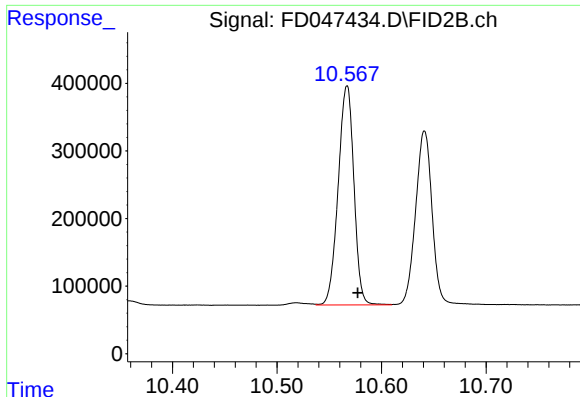
#7 Acenaphthene (C15.5)

R.T.: 8.402 min
Delta R.T.: -0.008 min
Response: 3616951
Conc: 20.53 ug/ml



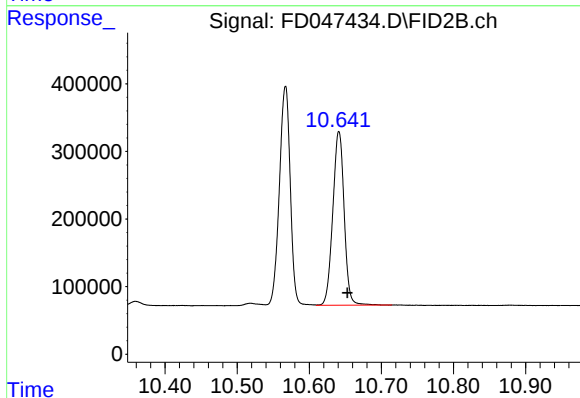
#8 Flouorene (C16.55)

R.T.: 9.180 min
Delta R.T.: -0.010 min
Response: 3490236
Conc: 20.72 ug/ml



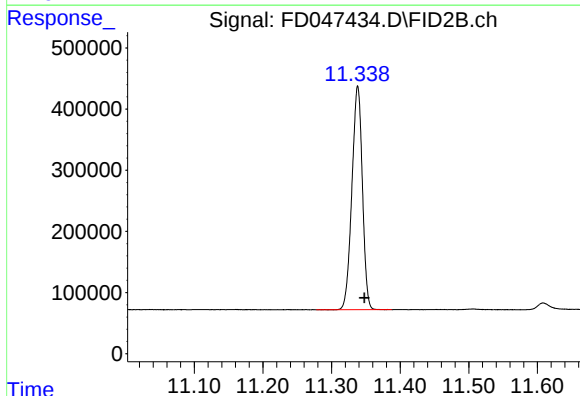
#9 Phenanthrene (C19.36)

R.T.: 10.567 min
Delta R.T.: -0.011 min
Response: 3391632
Conc: 20.94 ug/ml



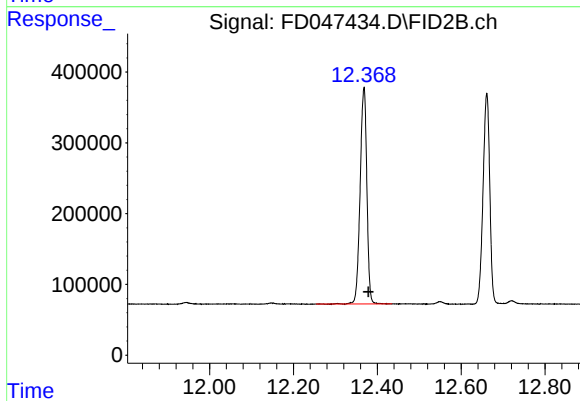
#10 Anthracene (C19.43)

R.T.: 10.641 min
Delta R.T.: -0.012 min
Response: 2814889
Conc: 19.13 ug/ml



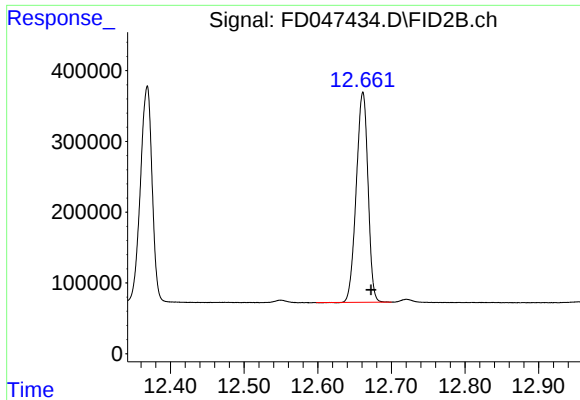
#11 ortho-Terphenyl (SURR)

R.T.: 11.338 min
Delta R.T.: -0.010 min
Response: 3878063
Conc: 20.78 ug/ml



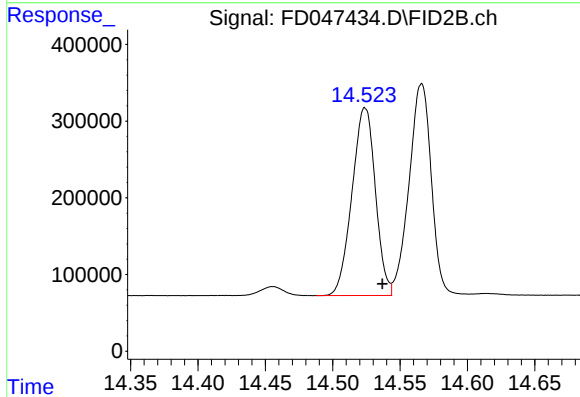
#12 Fluoranthene (C21.85)

R.T.: 12.368 min
Delta R.T.: -0.011 min
Response: 3403344
Conc: 21.35 ug/ml



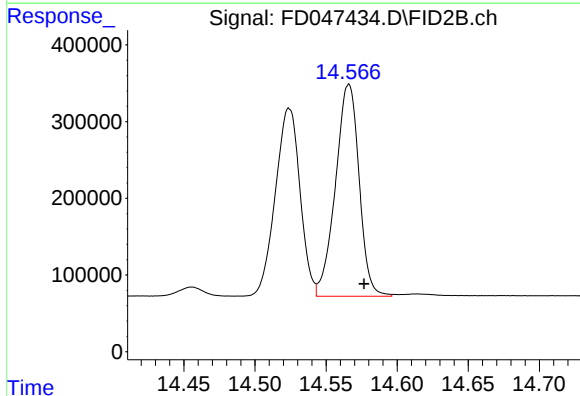
#13 Pyrene (C20.8)

R.T.: 12.661 min
Delta R.T.: -0.011 min
Response: 3281243
Conc: 21.21 ug/ml



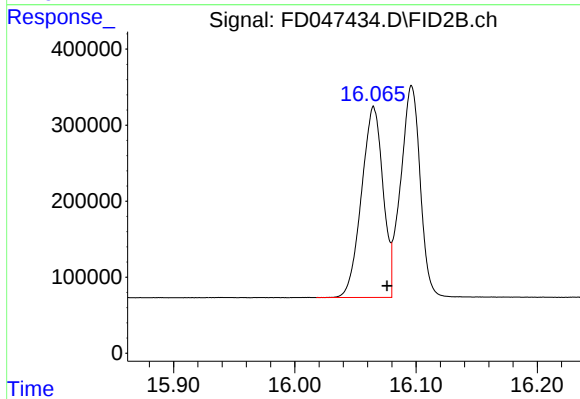
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min
Delta R.T.: -0.013 min
Response: 2957976
Conc: 21.82 ug/ml



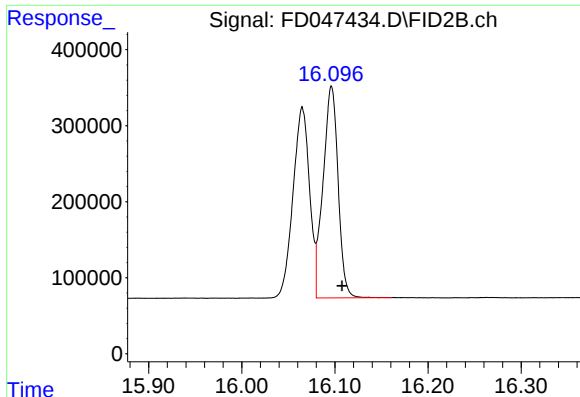
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: -0.011 min
Response: 3186196
Conc: 21.46 ug/ml m



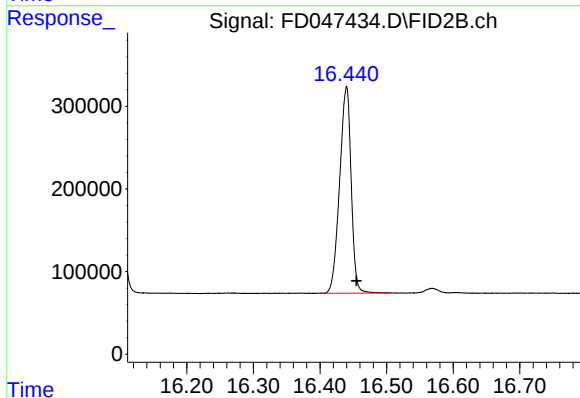
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.065 min
Delta R.T.: -0.011 min
Response: 3097042
Conc: 22.06 ug/ml



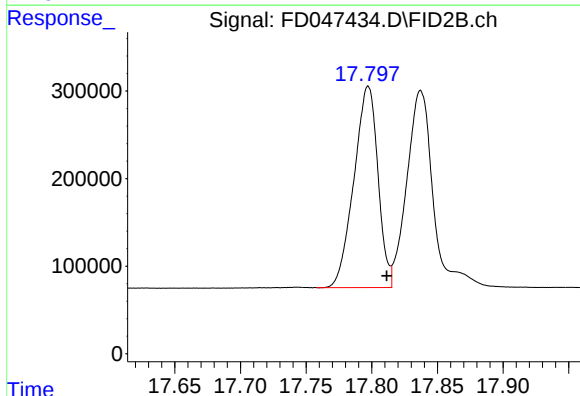
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.096 min
Delta R.T.: -0.012 min
Response: 3120584
Conc: 22.04 ug/ml



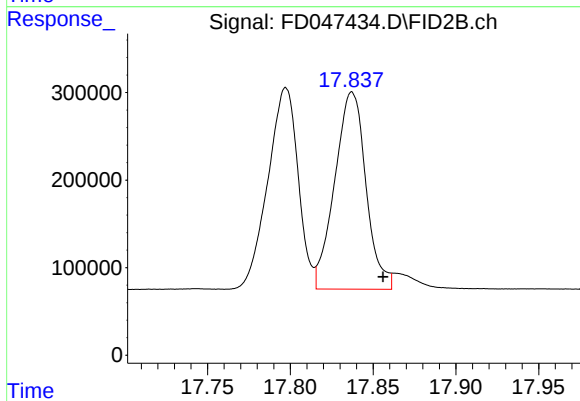
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min
Delta R.T.: -0.015 min
Response: 3006883
Conc: 21.77 ug/ml



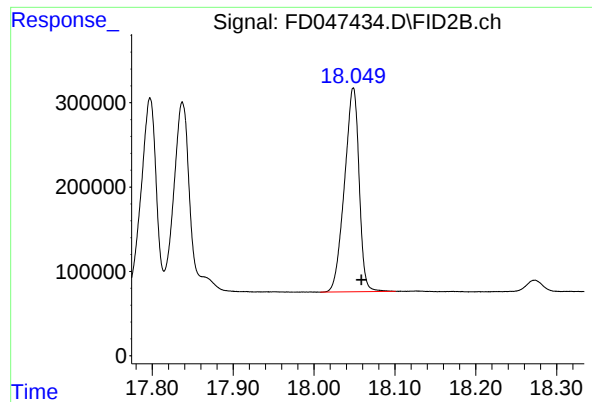
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min
Delta R.T.: -0.014 min
Response: 2926762
Conc: 23.42 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.019 min
Response: 2957981
Conc: 22.43 ug/ml m



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

R.T.: 18.048 min
Delta R.T.: -0.011 min
Response: 3036451
Conc: 22.60 ug/ml