

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041024AR\
 Data File : FD047522.D
 Signal(s) : FID2B.ch
 Acq On : 11 Apr 2024 02:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 04:04:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.455	3110827	20.808 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
6) S 2-Fluorobiphenyl (SURR)	8.308	2057117	21.054 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.11%
11) S ortho-Terphenyl (SURR)	11.343	3613052	21.077 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3225635	20.413 ug/ml
2) T Naphthalene (C11.7)	5.796	3371049	20.600 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	3407558	20.717 ug/mlm
5) T Acenaphthylene (C15.06)	8.111	3103005	20.558 ug/ml
7) T Acenaphthene (C15.5)	8.406	3334809	20.821 ug/ml
8) T Flouorene (C16.55)	9.184	3225263	20.848 ug/ml
9) T Phenanthrene (C19.36)	10.572	3136161	21.079 ug/ml
10) T Anthracene (C19.43)	10.646	2463956	18.116 ug/ml
12) T Fluoranthene (C21.85)	12.374	3123067	21.126 ug/ml
13) T Pyrene (C20.8)	12.668	3038511	21.054 ug/ml
14) T Benzo[a]anthracene (C...	14.533	2744325	20.867 ug/ml
15) T Chrysene (C27.41)	14.574	2979624	21.131 ug/ml
16) T benzo[b]fluoranthene ...	16.076	2930389	21.004 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	2962434	21.299 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	2849778	20.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	2737766	20.296 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	3001849	22.335 ug/ml
21) T Benzo[g,h,i]perylene ...	18.061	2868158	20.665 ug/ml

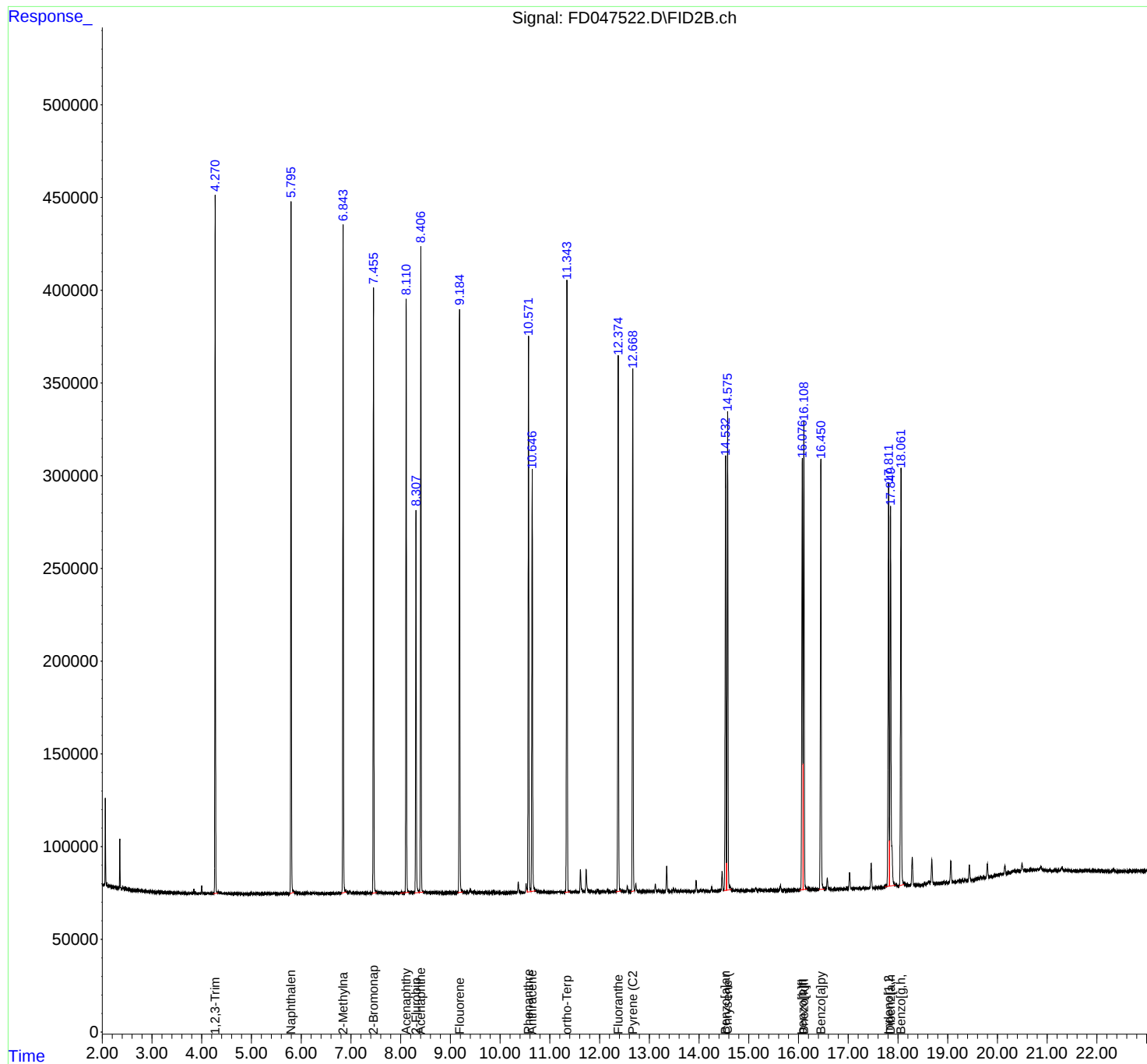
(f)=RT Delta > 1/2 Window

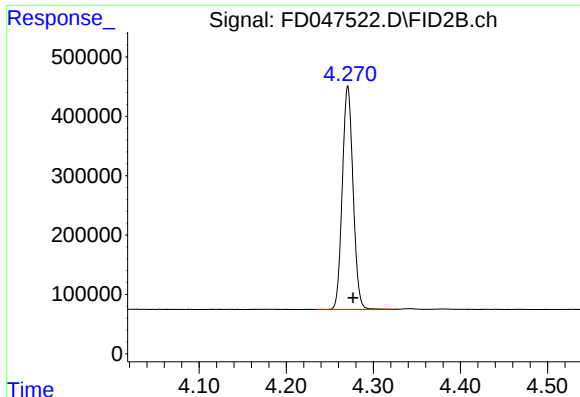
(m)=manual int.

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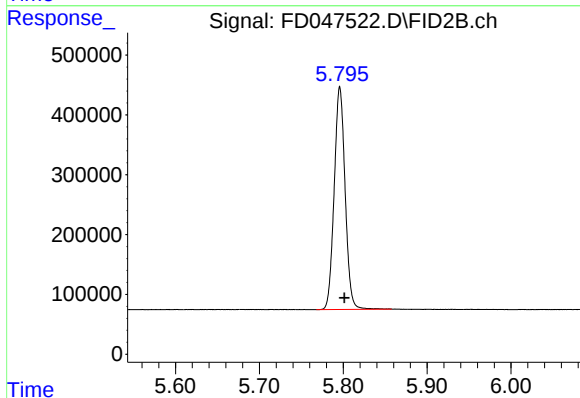
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Signal Info : 20M x 0.18mm x 0.18µm





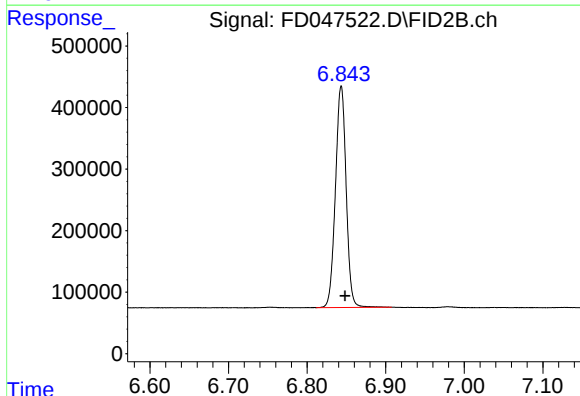
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.271 min
Delta R.T.: -0.006 min
Response: 3225635
Conc: 20.41 ug/ml



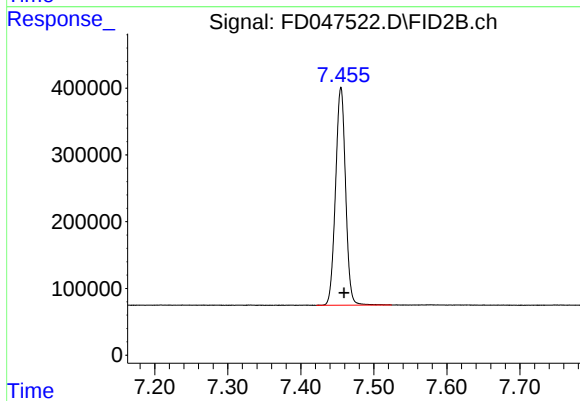
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 3371049
Conc: 20.60 ug/ml



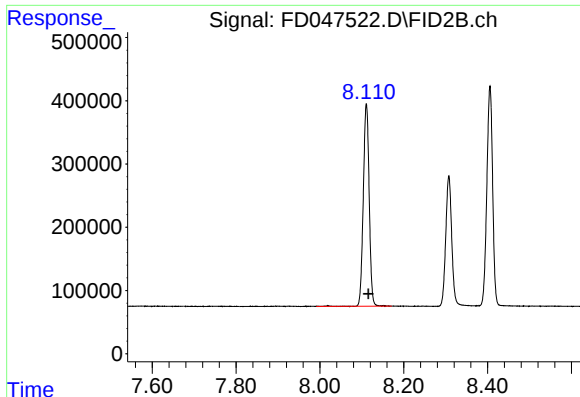
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 3407558
Conc: 20.72 ug/ml m



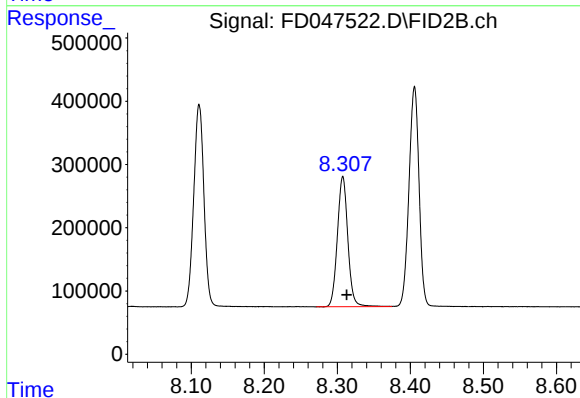
#4 2-Bromonaphthalene (SURR)

R.T.: 7.455 min
Delta R.T.: -0.004 min
Response: 3110827
Conc: 20.81 ug/ml



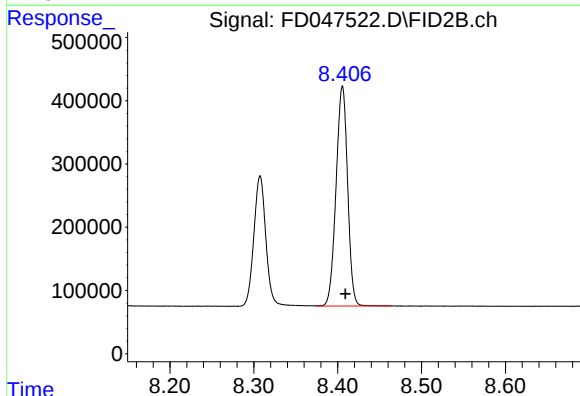
#5 Acenaphthylene (C15.06)

R.T.: 8.111 min
Delta R.T.: -0.005 min
Response: 3103005
Conc: 20.56 ug/ml



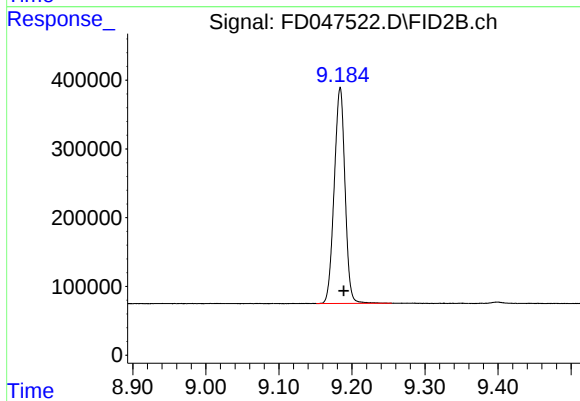
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min
Delta R.T.: -0.006 min
Response: 2057117
Conc: 21.05 ug/ml



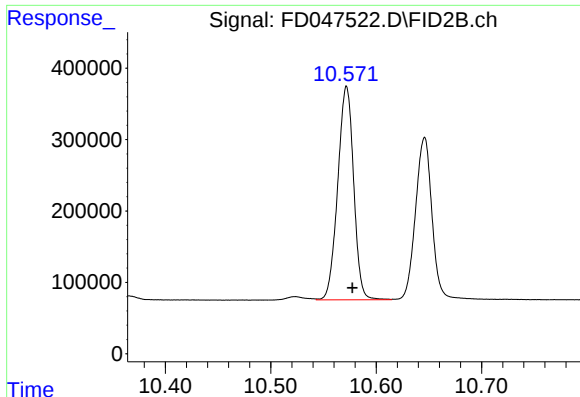
#7 Acenaphthene (C15.5)

R.T.: 8.406 min
Delta R.T.: -0.004 min
Response: 3334809
Conc: 20.82 ug/ml



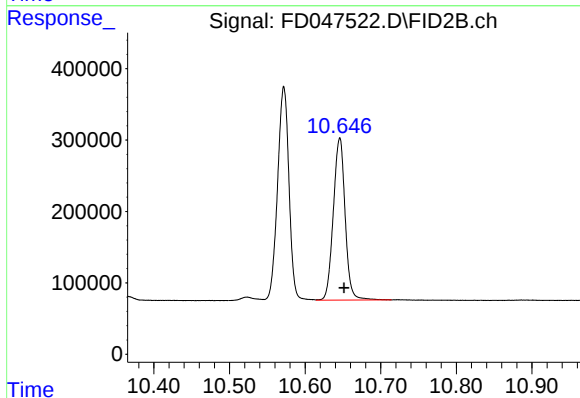
#8 Fluorene (C16.55)

R.T.: 9.184 min
Delta R.T.: -0.005 min
Response: 3225263
Conc: 20.85 ug/ml



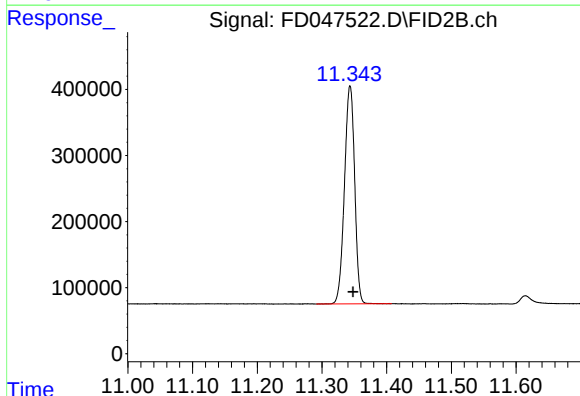
#9 Phenanthrene (C19.36)

R.T.: 10.572 min
Delta R.T.: -0.006 min
Response: 3136161
Conc: 21.08 ug/ml



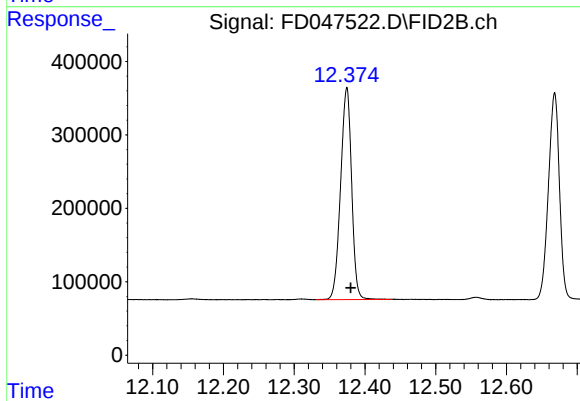
#10 Anthracene (C19.43)

R.T.: 10.646 min
Delta R.T.: -0.006 min
Response: 2463956
Conc: 18.12 ug/ml



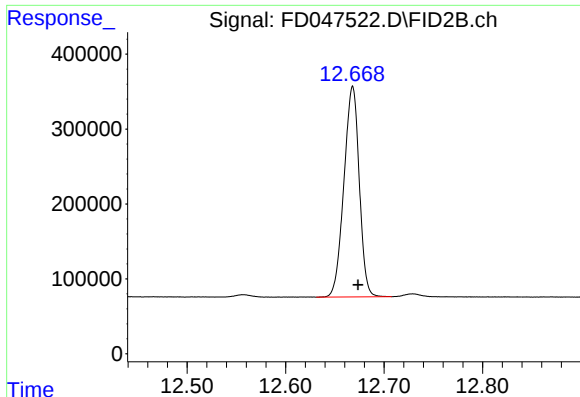
#11 ortho-Terphenyl (SURR)

R.T.: 11.343 min
Delta R.T.: -0.004 min
Response: 3613052
Conc: 21.08 ug/ml



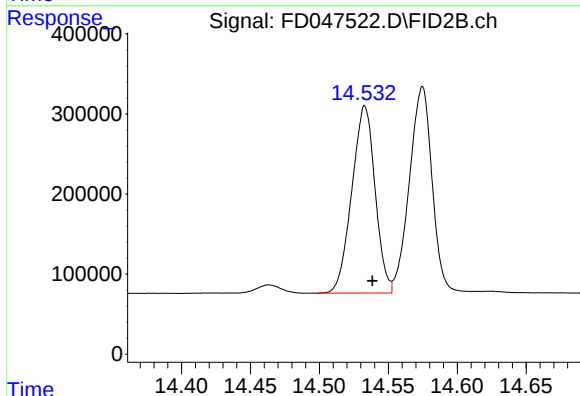
#12 Fluoranthene (C21.85)

R.T.: 12.374 min
Delta R.T.: -0.006 min
Response: 3123067
Conc: 21.13 ug/ml



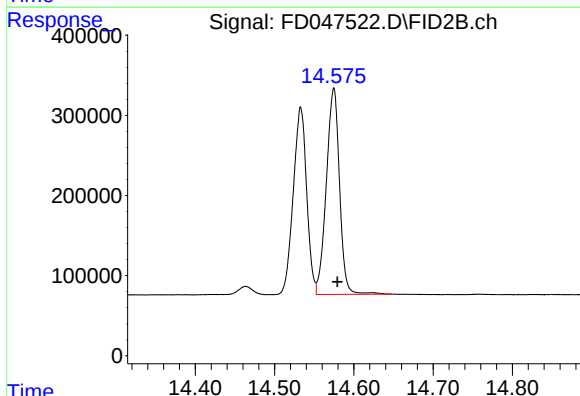
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.006 min
Response: 3038511
Conc: 21.05 ug/ml



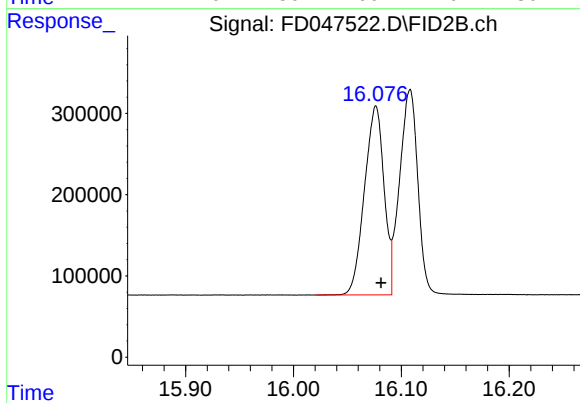
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.006 min
Response: 2744325
Conc: 20.87 ug/ml



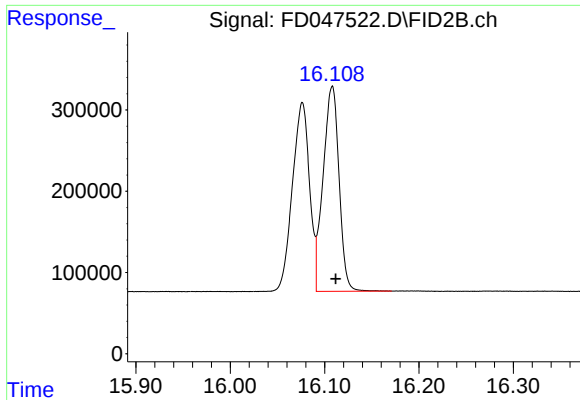
#15 Chrysene (C27.41)

R.T.: 14.574 min
Delta R.T.: -0.005 min
Response: 2979624
Conc: 21.13 ug/ml



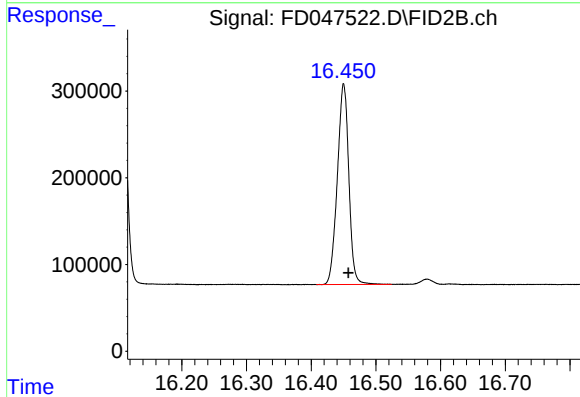
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min
Delta R.T.: -0.005 min
Response: 2930389
Conc: 21.00 ug/ml



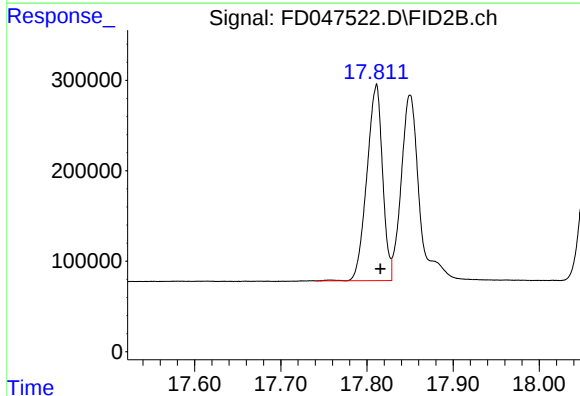
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min
Delta R.T.: -0.004 min
Response: 2962434
Conc: 21.30 ug/ml



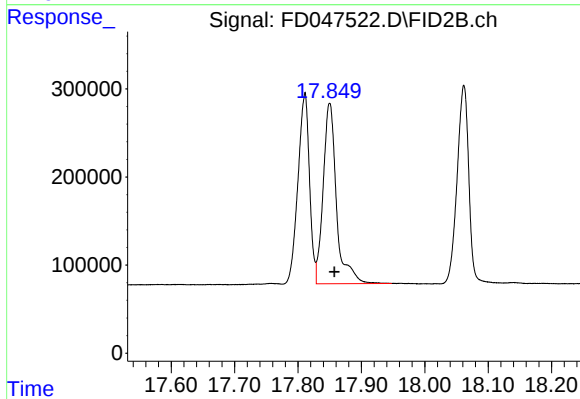
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: -0.007 min
Response: 2849778
Conc: 20.76 ug/ml



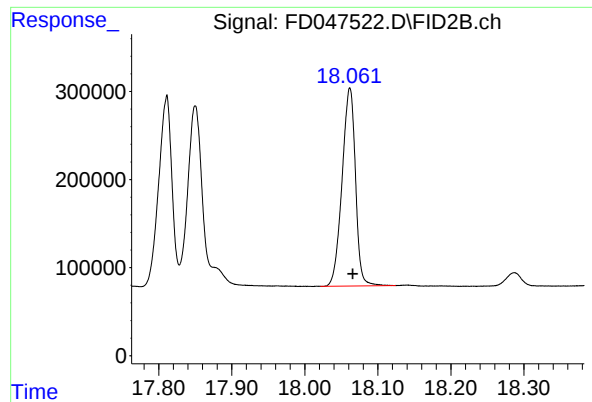
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: -0.005 min
Response: 2737766
Conc: 20.30 ug/ml



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

R.T.: 17.850 min
Delta R.T.: -0.007 min
Response: 3001849
Conc: 22.34 ug/ml



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

R.T.: 18.061 min
Delta R.T.: -0.004 min
Response: 2868158
Conc: 20.67 ug/ml