

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112423AR\
 Data File : FD046972.D
 Signal(s) : FID2B.ch
 Acq On : 24 Nov 2023 14:47
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 15:32:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.476	3623742	20.946 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
6) S 2-Fluorobiphenyl (SURR)	8.329	2295002	21.105 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.21%
11) S ortho-Terphenyl (SURR)	11.367	4159254	20.901 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	3891581	20.915 ug/ml
2) T Naphthalene (C11.7)	5.817	3979131	20.896 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	4006707	20.806 ug/ml
5) T Acenaphthylene (C15.06)	8.133	3627700	20.840 ug/ml
7) T Acenaphthene (C15.5)	8.428	3886522	20.957 ug/ml
8) T Fluorene (C16.55)	9.206	3639014	21.082 ug/ml
9) T Phenanthrene (C19.36)	10.595	3418822	20.823 ug/ml
10) T Anthracene (C19.43)	10.668	3203604	20.716 ug/ml
12) T Fluoranthene (C21.85)	12.397	3295752	20.794 ug/ml
13) T Pyrene (C20.8)	12.690	3195538	20.886 ug/ml
14) T Benzo[a]anthracene (C...	14.553	2646372	20.410 ug/ml
15) T Chrysene (C27.41)	14.595	2891818	20.175 ug/ml
16) T benzo[b]fluoranthene ...	16.095	2729799	20.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	2715645	19.877 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2666741	20.355 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2382707	19.969 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2551181	19.634 ug/ml
21) T Benzo[g,h,i]perylene ...	18.077	2660824	20.336 ug/ml

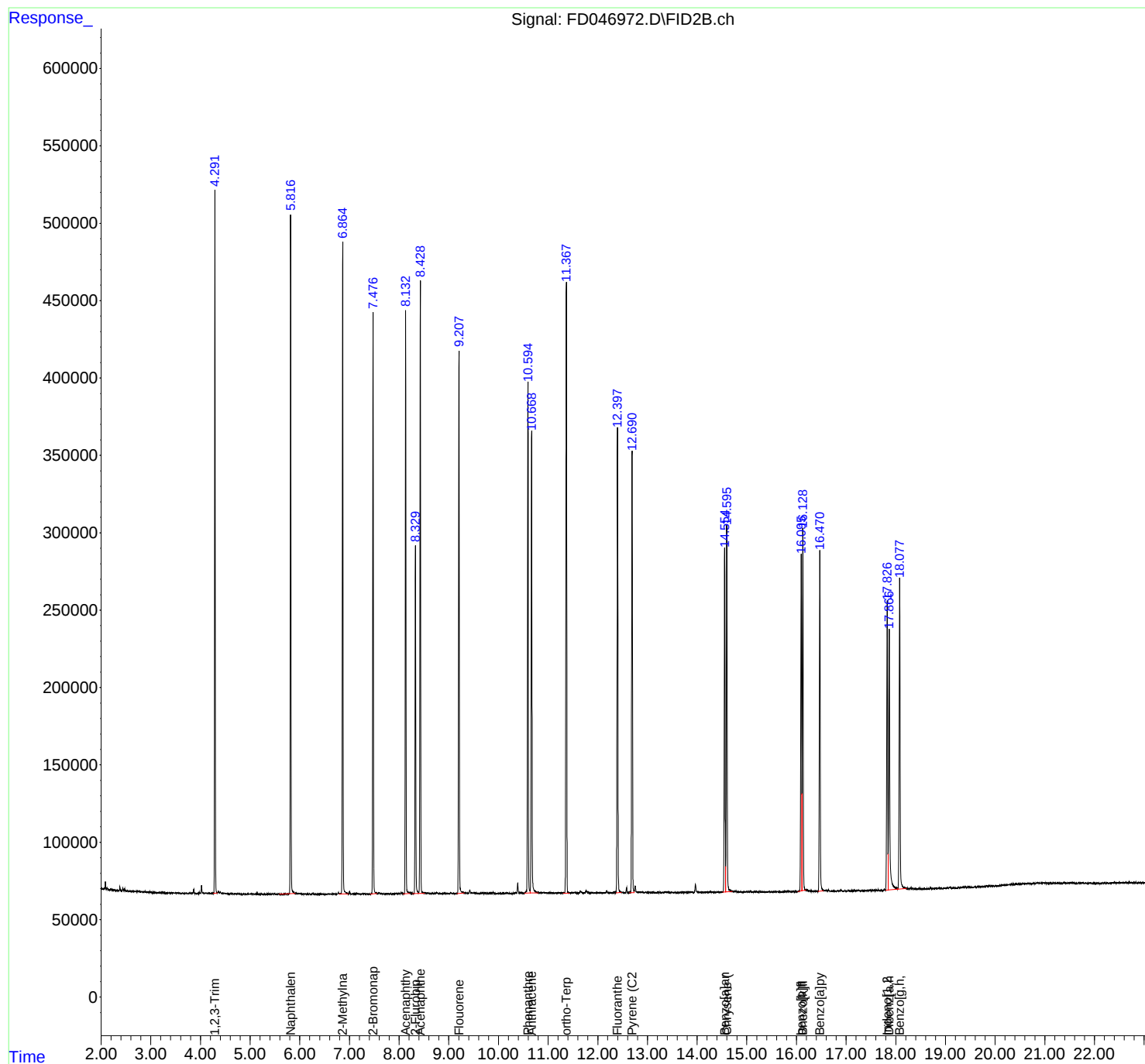
(f)=RT Delta > 1/2 Window

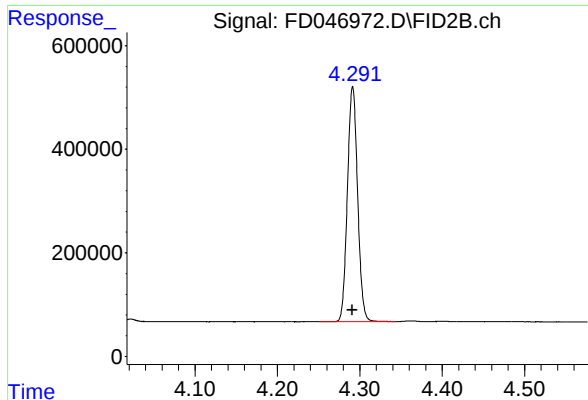
(m)=manual int.

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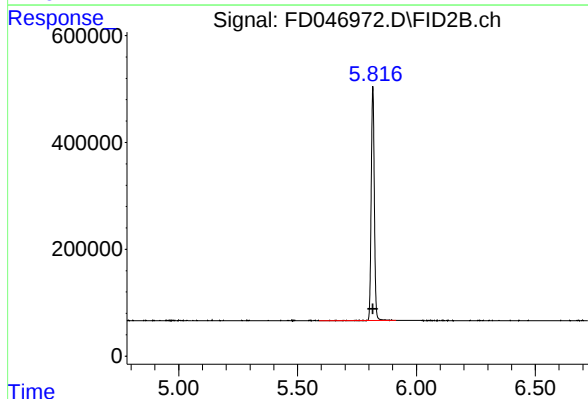
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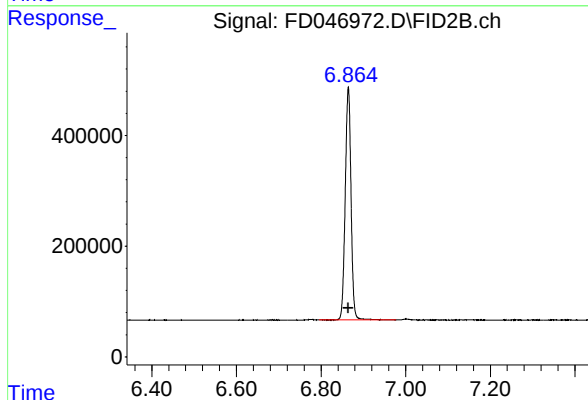
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 3891581
Conc: 20.92 ug/ml



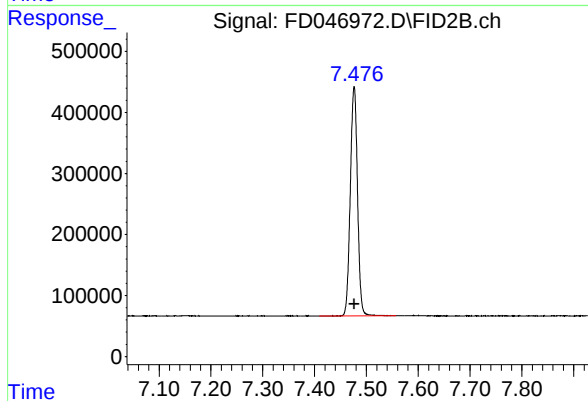
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 3979131
Conc: 20.90 ug/ml



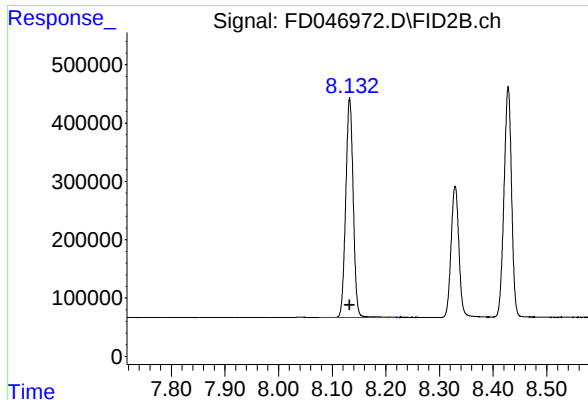
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 4006707
Conc: 20.81 ug/ml



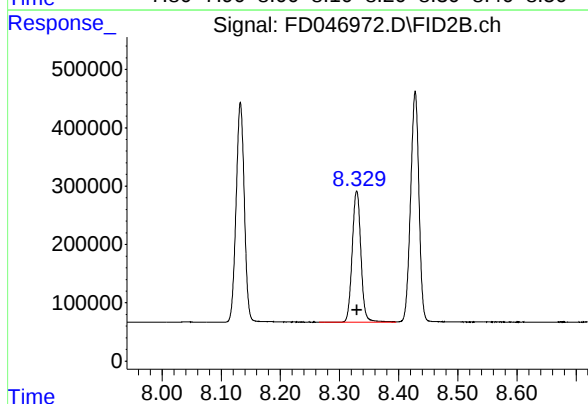
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 3623742
Conc: 20.95 ug/ml



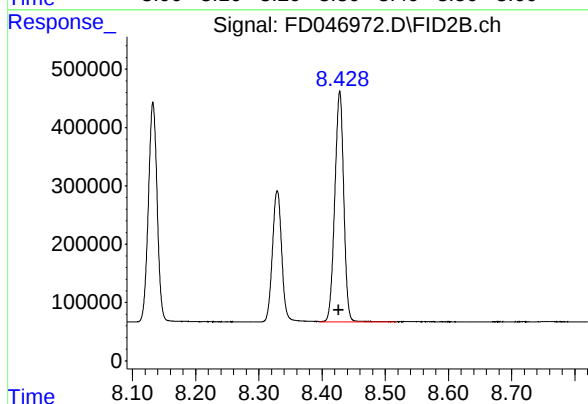
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 3627700
Conc: 20.84 ug/ml



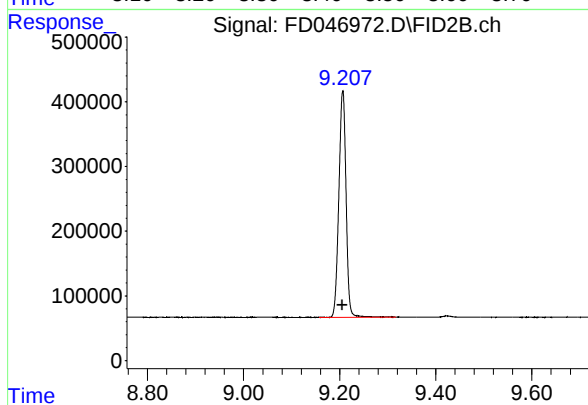
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 2295002
Conc: 21.11 ug/ml



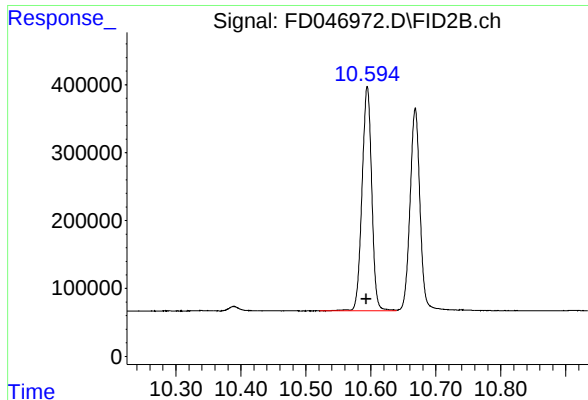
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: 0.002 min
Response: 3886522
Conc: 20.96 ug/ml



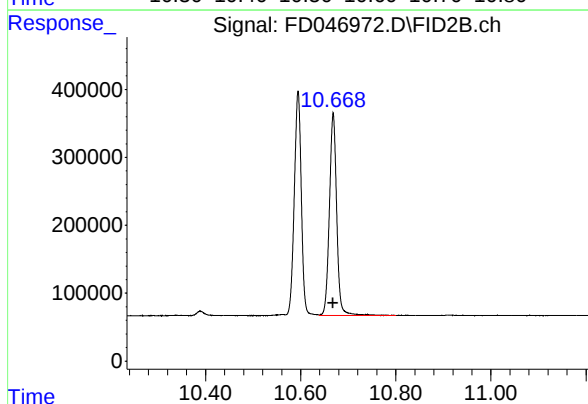
#8 Fluorene (C16.55)

R.T.: 9.206 min
Delta R.T.: 0.000 min
Response: 3639014
Conc: 21.08 ug/ml



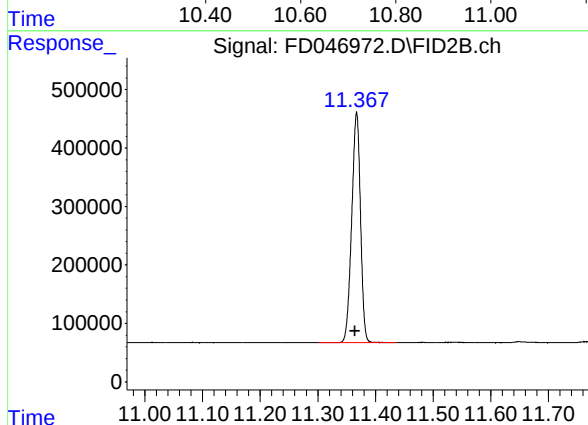
#9 Phenanthrene (C19.36)

R.T.: 10.595 min
Delta R.T.: 0.001 min
Response: 3418822
Conc: 20.82 ug/ml



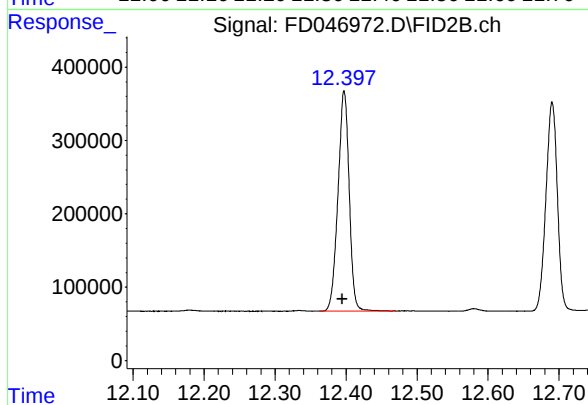
#10 Anthracene (C19.43)

R.T.: 10.668 min
Delta R.T.: 0.000 min
Response: 3203604
Conc: 20.72 ug/ml



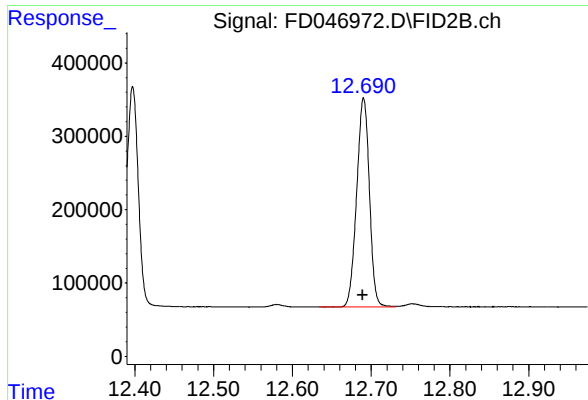
#11 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.003 min
Response: 4159254
Conc: 20.90 ug/ml



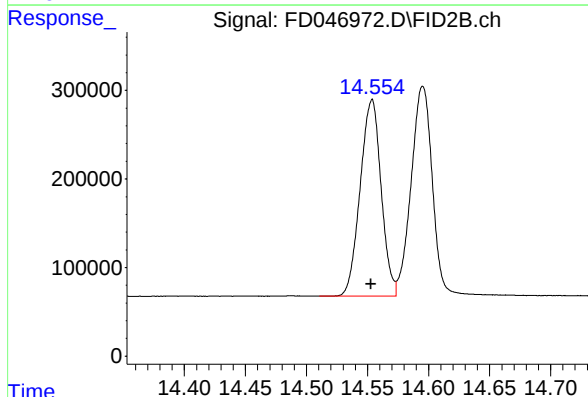
#12 Fluoranthene (C21.85)

R.T.: 12.397 min
Delta R.T.: 0.002 min
Response: 3295752
Conc: 20.79 ug/ml



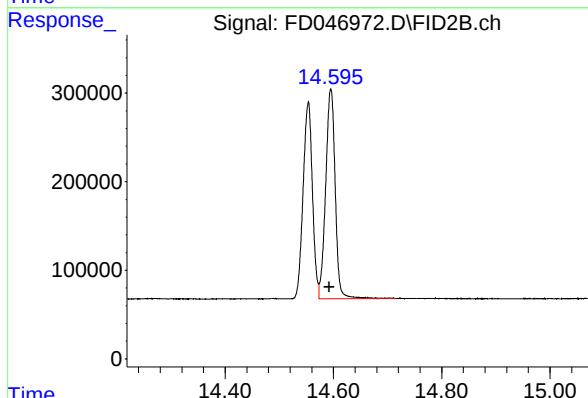
#13 Pyrene (C20.8)

R.T.: 12.690 min
Delta R.T.: 0.001 min
Response: 3195538
Conc: 20.89 ug/ml



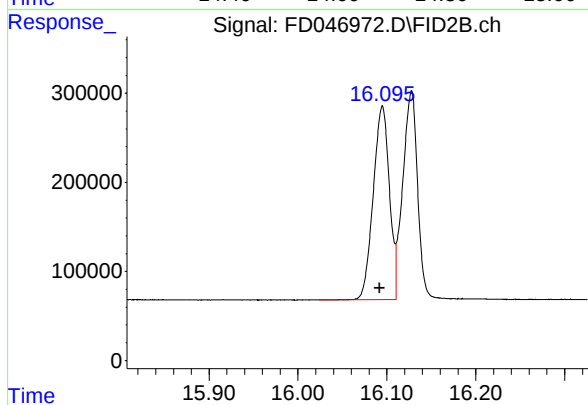
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 2646372
Conc: 20.41 ug/ml



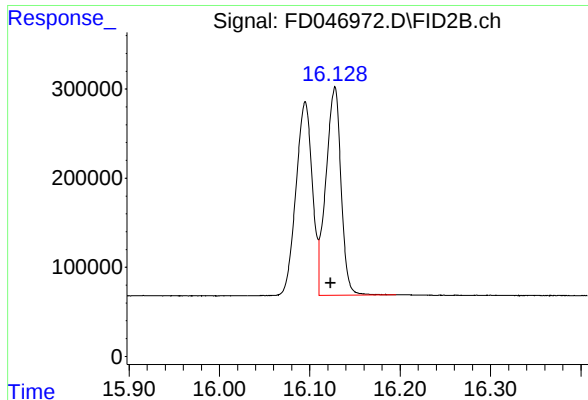
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.002 min
Response: 2891818
Conc: 20.18 ug/ml



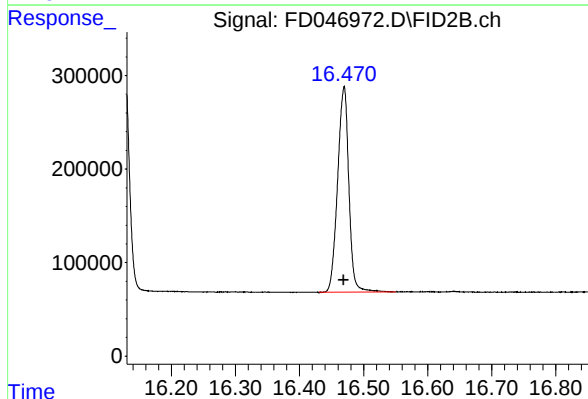
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.095 min
Delta R.T.: 0.003 min
Response: 2729799
Conc: 20.44 ug/ml



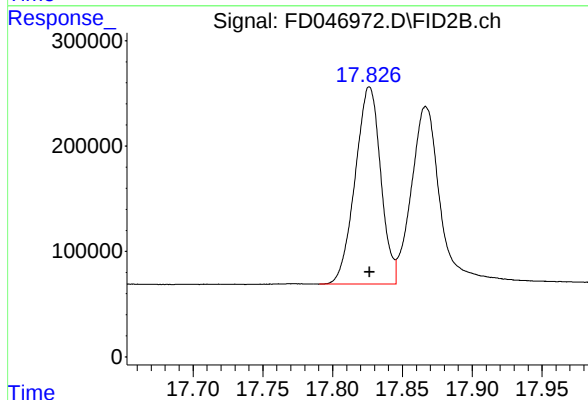
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min
Delta R.T.: 0.004 min
Response: 2715645
Conc: 19.88 ug/ml



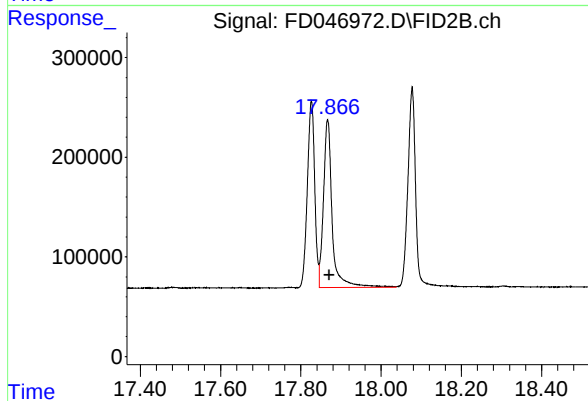
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 2666741
Conc: 20.36 ug/ml



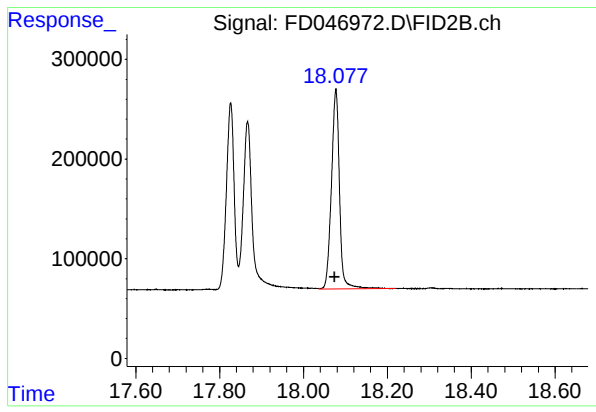
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: 0.000 min
Response: 2382707
Conc: 19.97 ug/ml



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

R.T.: 17.867 min
Delta R.T.: -0.004 min
Response: 2551181
Conc: 19.63 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.003 min
Response: 2660824
Conc: 20.34 ug/ml