

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122923AR\
 Data File : FD047101.D
 Signal(s) : FID2B.ch
 Acq On : 29 Dec 2023 11:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 23:38:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.470	3423337	20.650 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
6) S 2-Fluorobiphenyl (SURR)	8.323	2090609	20.062 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.12%
11) S ortho-Terphenyl (SURR)	11.361	3969892	20.557 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	3773661	20.916 ug/ml
2) T Naphthalene (C11.7)	5.811	3825905	20.785 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3775235	20.568 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3420269	20.390 ug/ml
7) T Acenaphthene (C15.5)	8.422	3686381	20.496 ug/ml
8) T Fluorene (C16.55)	9.200	3353440	20.232 ug/ml
9) T Phenanthrene (C19.36)	10.587	3139742	20.129 ug/ml
10) T Anthracene (C19.43)	10.662	2610761	18.024 ug/ml
12) T Fluoranthene (C21.85)	12.391	3082580	20.364 ug/ml
13) T Pyrene (C20.8)	12.685	2970101	20.252 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2415688	19.630 ug/ml
15) T Chrysene (C27.41)	14.590	2712414	19.323 ug/ml
16) T benzo[b]fluoranthene ...	16.091	2589850	20.106 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	2747204	20.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	2501774	19.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	2206336	19.901 ug/mlm
20) T Dibenz[a,h]anthracene...	17.864	2408025	18.846 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.074	2526086	19.717 ug/mlm

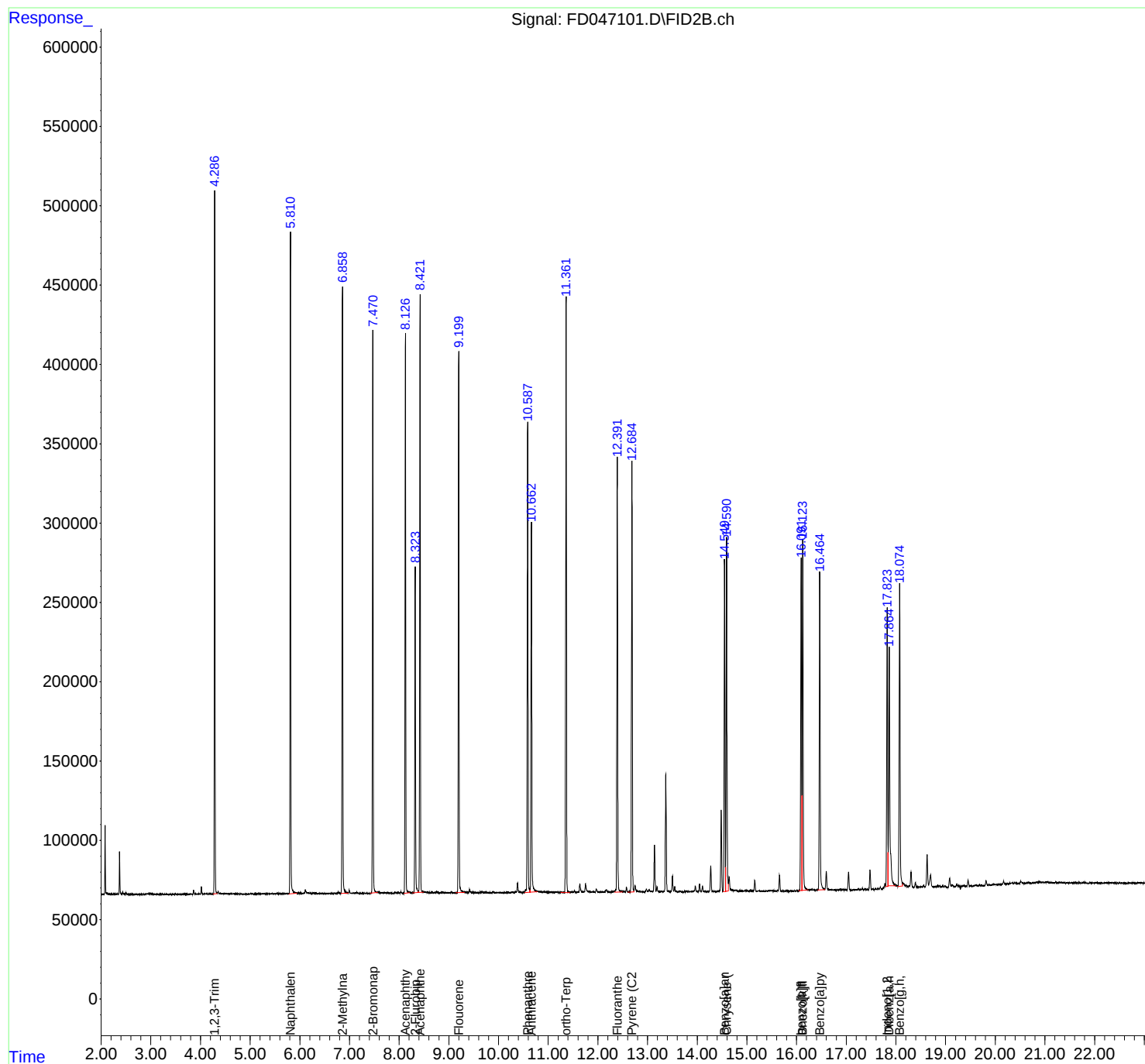
(f)=RT Delta > 1/2 Window

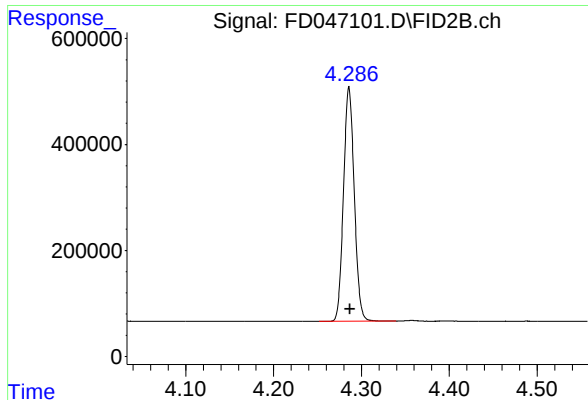
(m)=manual int.

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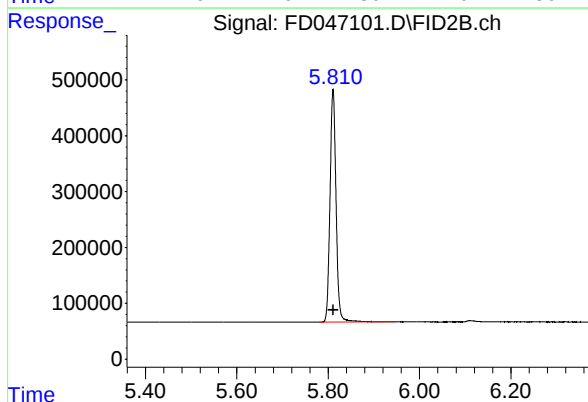
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Signal Info : 20M x 0.18mm x 0.18µm





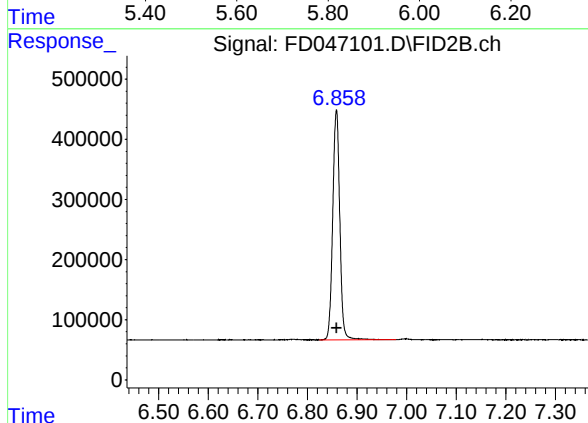
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: -0.001 min
Response: 3773661
Conc: 20.92 ug/ml



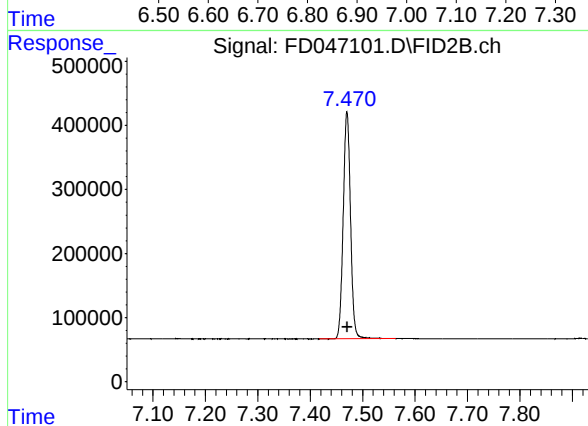
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 3825905
Conc: 20.79 ug/ml



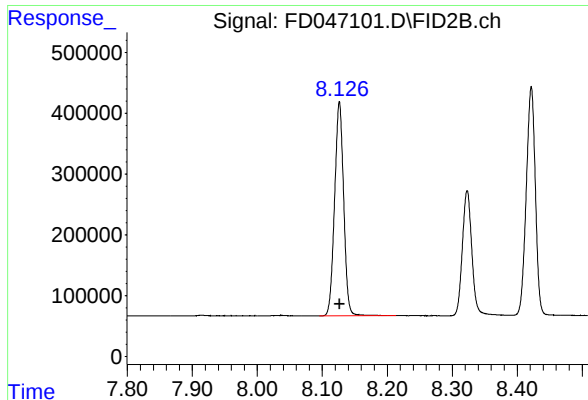
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3775235
Conc: 20.57 ug/ml



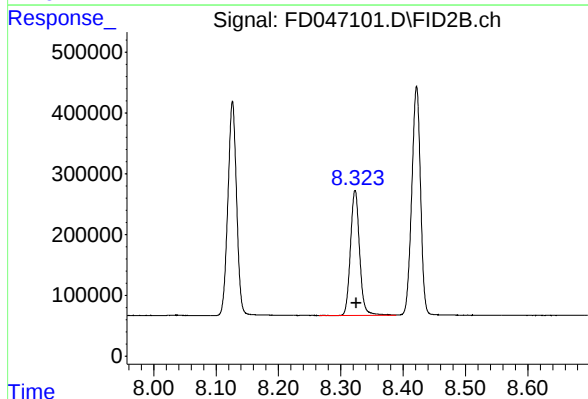
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3423337
Conc: 20.65 ug/ml



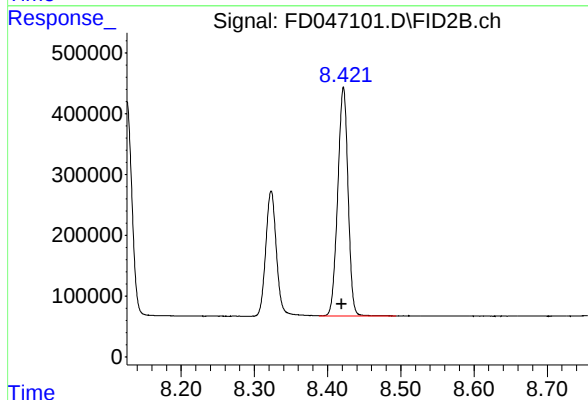
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 3420269
Conc: 20.39 ug/ml



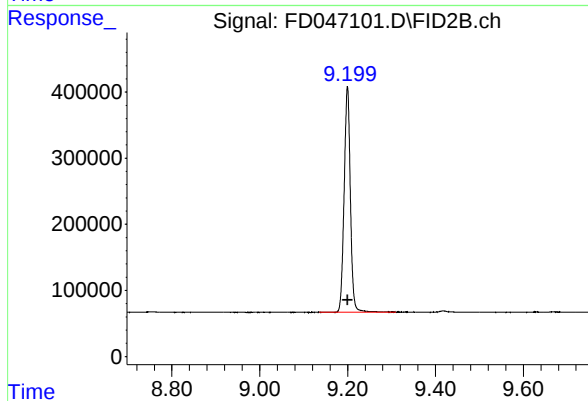
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: -0.002 min
Response: 2090609
Conc: 20.06 ug/ml



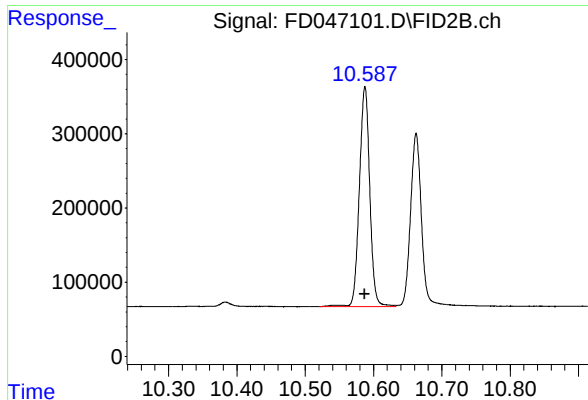
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.002 min
Response: 3686381
Conc: 20.50 ug/ml



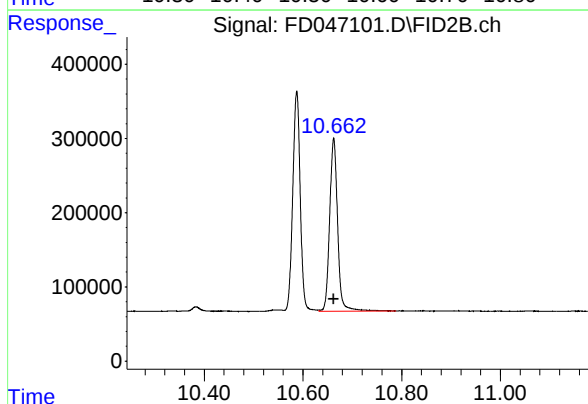
#8 Flouorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 3353440
Conc: 20.23 ug/ml



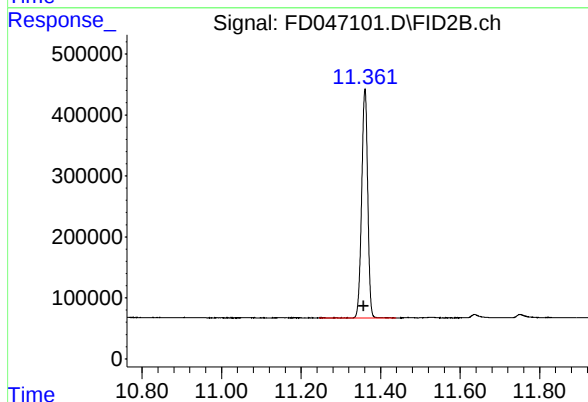
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.000 min
Response: 3139742
Conc: 20.13 ug/ml



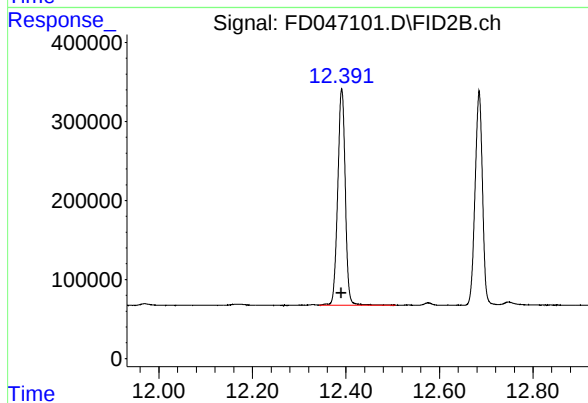
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.000 min
Response: 2610761
Conc: 18.02 ug/ml



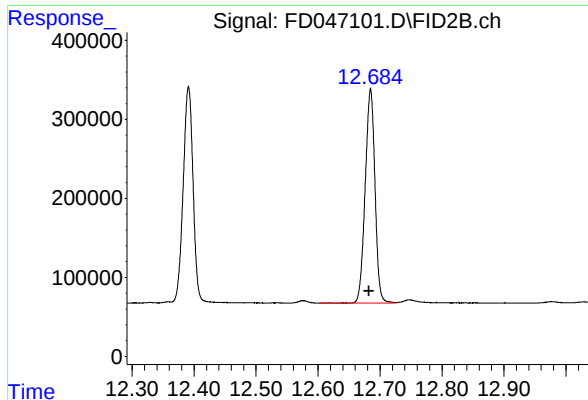
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.003 min
Response: 3969892
Conc: 20.56 ug/ml



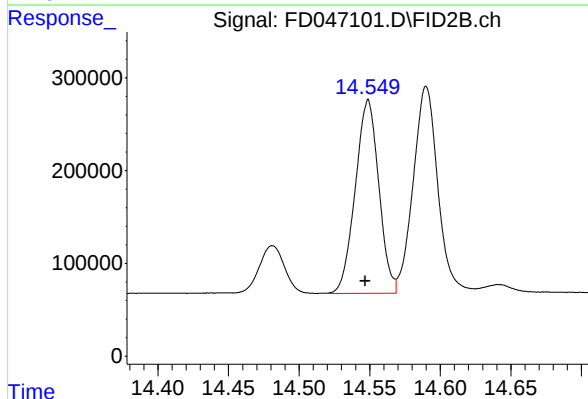
#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.001 min
Response: 3082580
Conc: 20.36 ug/ml



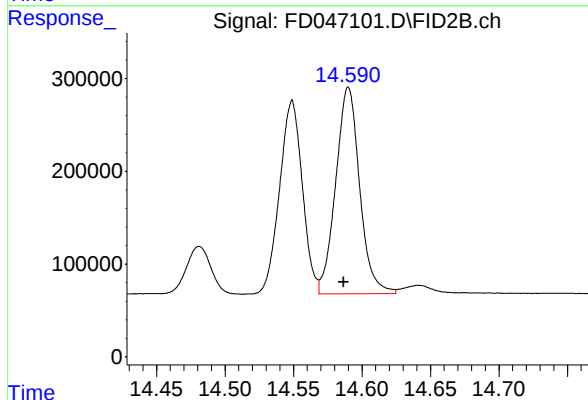
#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: 0.002 min
Response: 2970101
Conc: 20.25 ug/ml



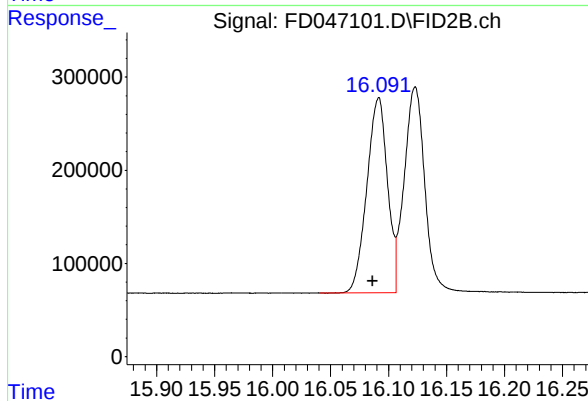
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.002 min
Response: 2415688
Conc: 19.63 ug/ml



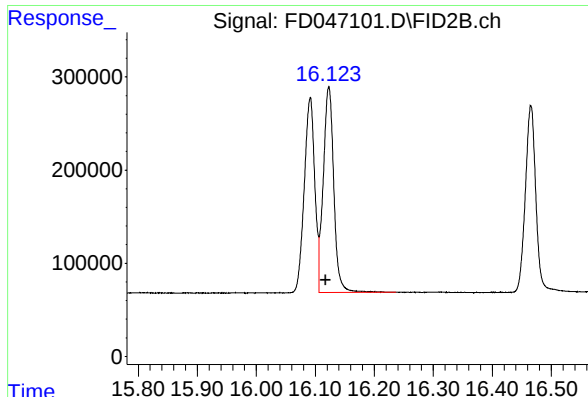
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: 0.003 min
Response: 2712414
Conc: 19.32 ug/ml



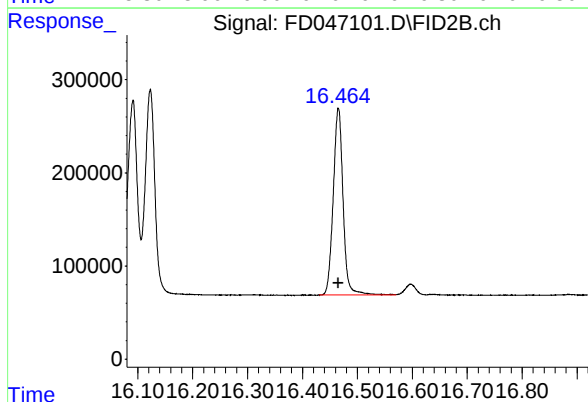
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.091 min
Delta R.T.: 0.005 min
Response: 2589850
Conc: 20.11 ug/ml



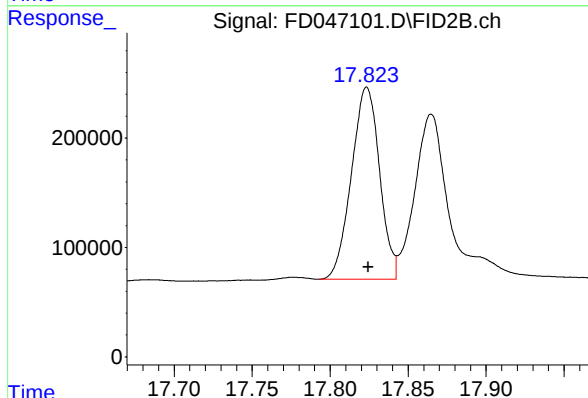
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min
Delta R.T.: 0.005 min
Response: 2747204
Conc: 20.65 ug/ml



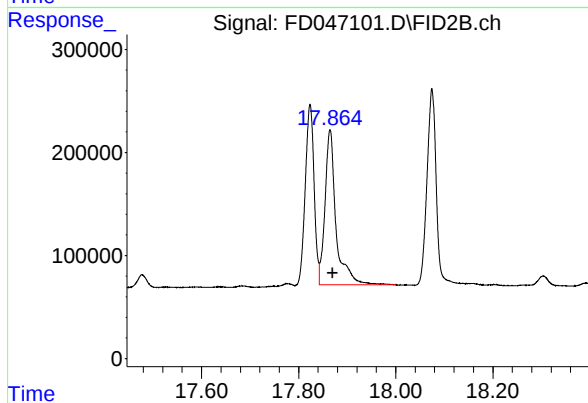
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.000 min
Response: 2501774
Conc: 19.69 ug/ml



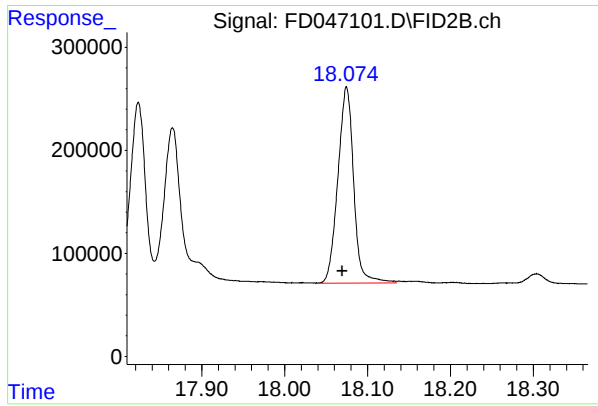
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.823 min
Delta R.T.: -0.001 min
Response: 2206336
Conc: 19.90 ug/ml m



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

R.T.: 17.864 min
Delta R.T.: -0.005 min
Response: 2408025
Conc: 18.85 ug/ml m



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

R.T.: 18.074 min
Delta R.T.: 0.005 min
Response: 2526086
Conc: 19.72 ug/ml m