

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092920AR\
 Data File : FD034896.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2020 20:00
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 30 01:38:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.679	2169434	21.151 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
6) S 2-Fluorobiphenyl (SURR)	8.544	1499018	20.834 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.67%
11) S ortho-Terphenyl (SURR)	11.585	2490042	20.785 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	2503145	22.110 ug/ml
2) T Naphthalene (C11.7)	6.016	2499801	21.417 ug/ml
3) T 2-Methylnaphthalene (...)	7.069	2518958	21.328 ug/ml
5) T Acenaphthylene (C15.06)	8.346	2410583	20.626 ug/ml
7) T Acenaphthene (C15.5)	8.642	2481932	20.860 ug/ml
8) T Flouorene (C16.55)	9.423	2388205	20.713 ug/ml
9) T Phenanthrene (C19.36)	10.822	2364396	20.278 ug/ml
10) T Anthracene (C19.43)	10.896	1963754	17.238 ug/ml
12) T Fluoranthene (C21.85)	12.634	2400575	20.586 ug/ml
13) T Pyrene (C20.8)	12.932	2327357	20.508 ug/ml
14) T Benzo[a]anthracene (C...	14.846	2332466	21.134 ug/ml
15) T Chrysene (C27.41)	14.846	2332466	20.882 ug/ml
16) T benzo[b]fluoranthene ...	16.388	2270985	21.202 ug/ml
17) T Bnezo[k]fluoranthene ...	16.388	2270985	21.417 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.734	2253288	21.397 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.138	2323459	22.935 ug/ml
20) T Dibenz[a,h]anthracene...	18.138	2323459	22.868 ug/ml
21) T Benzo[g,h,i]perylene ...	18.354	2283859	22.618 ug/ml

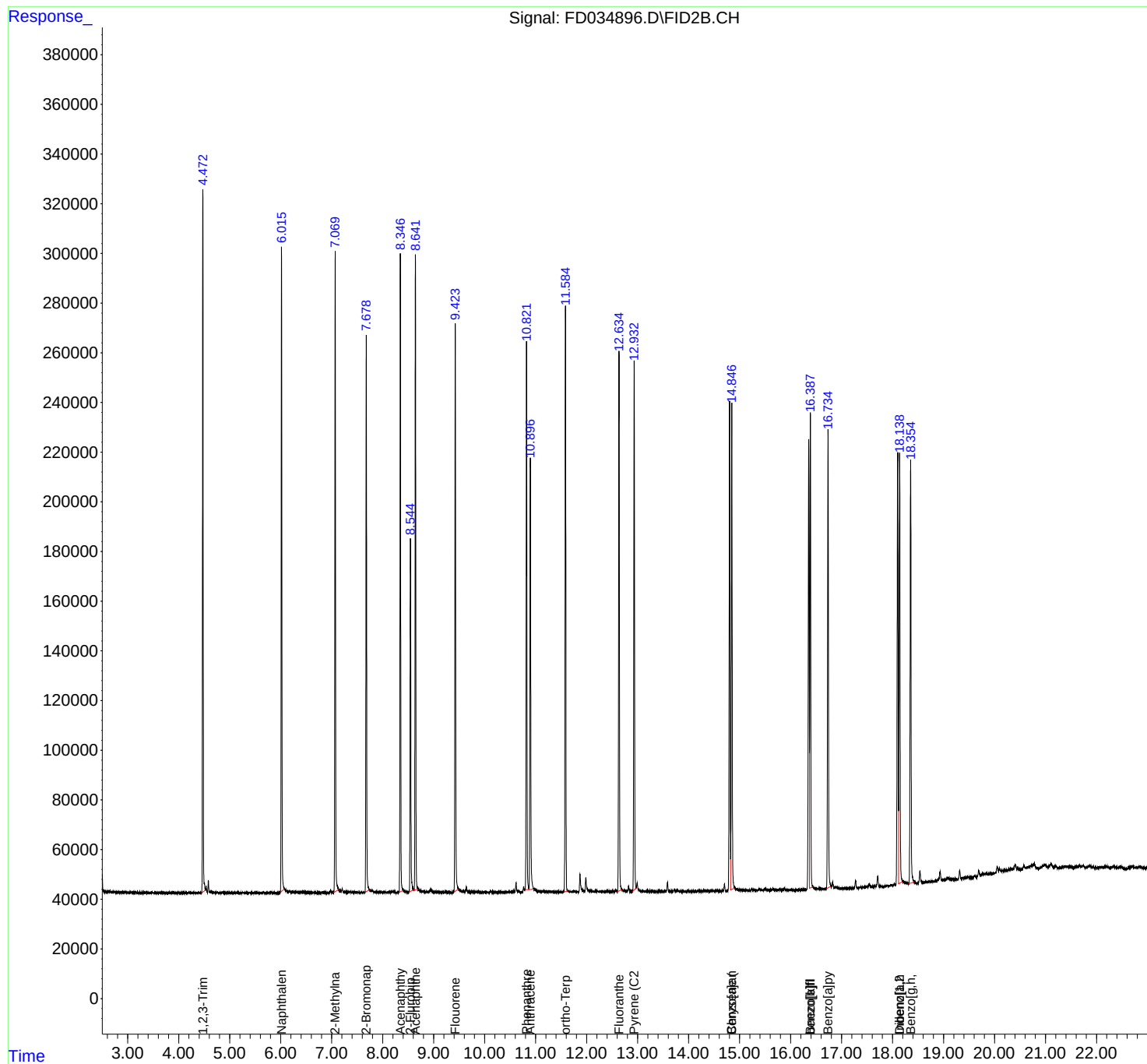
(f)=RT Delta > 1/2 Window

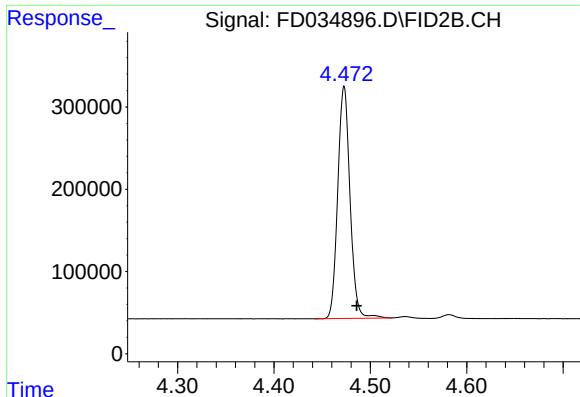
(m)=manual int.

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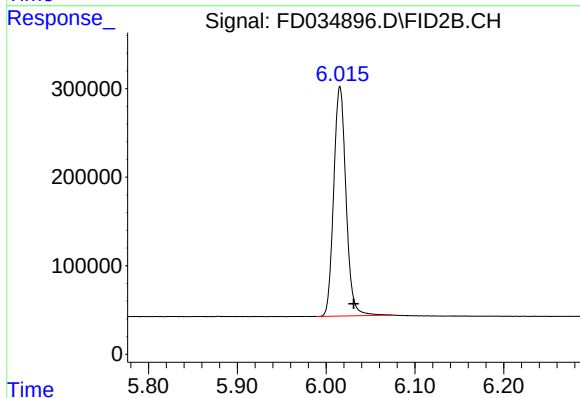
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





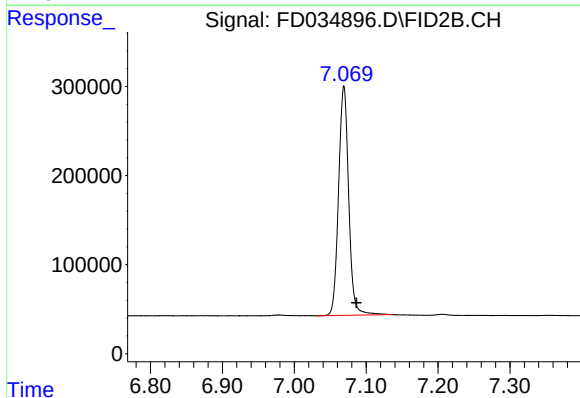
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.473 min
Delta R.T.: -0.013 min
Response: 2503145
Conc: 22.11 ug/ml



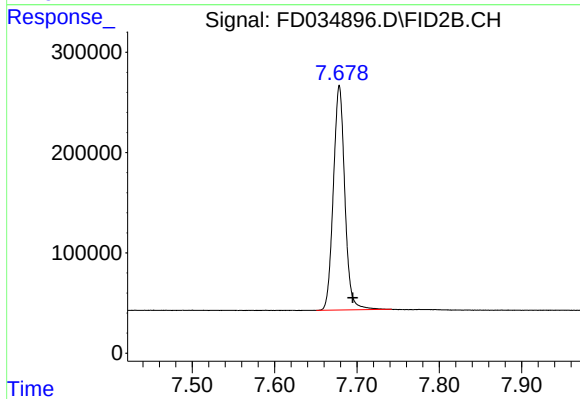
#2 Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.016 min
Response: 2499801
Conc: 21.42 ug/ml



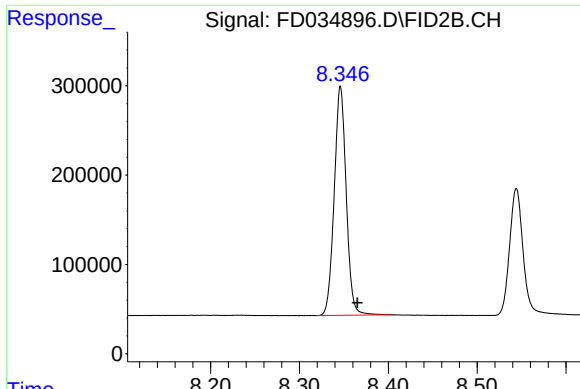
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.017 min
Response: 2518958
Conc: 21.33 ug/ml



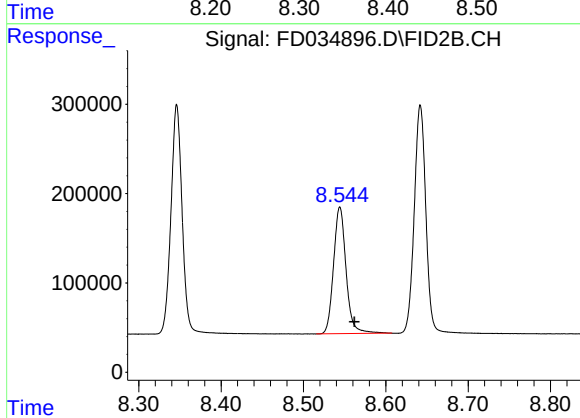
#4 2-Bromonaphthalene (SURR)

R.T.: 7.679 min
Delta R.T.: -0.016 min
Response: 2169434
Conc: 21.15 ug/ml



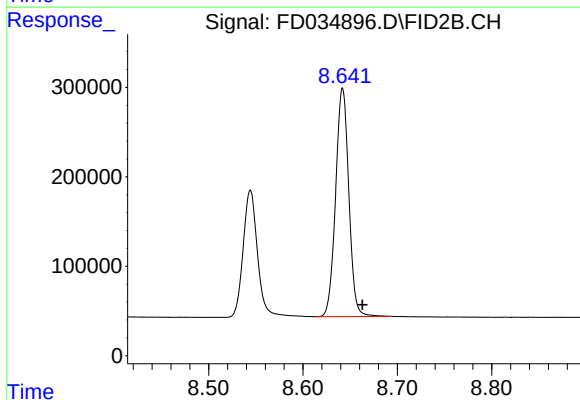
#5 Acenaphthylene (C15.06)

R.T.: 8.346 min
Delta R.T.: -0.019 min
Response: 2410583
Conc: 20.63 ug/ml



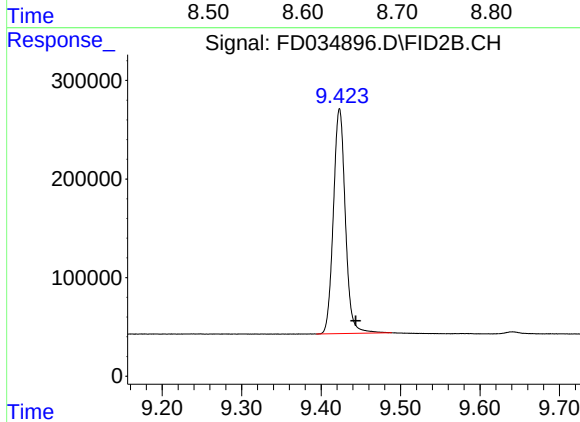
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.544 min
Delta R.T.: -0.018 min
Response: 1499018
Conc: 20.83 ug/ml



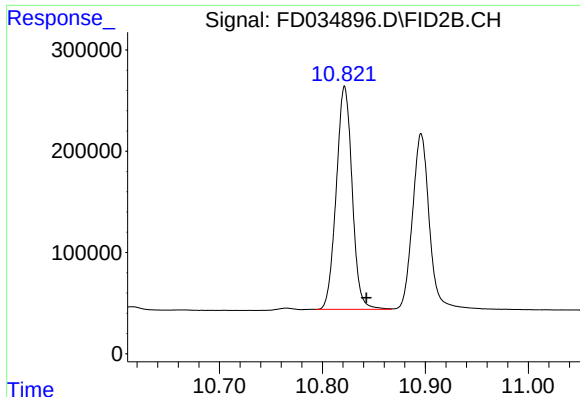
#7 Acenaphthene (C15.5)

R.T.: 8.642 min
Delta R.T.: -0.021 min
Response: 2481932
Conc: 20.86 ug/ml



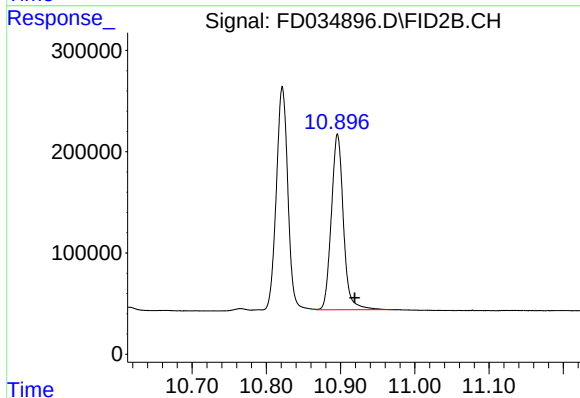
#8 Fluorene (C16.55)

R.T.: 9.423 min
Delta R.T.: -0.020 min
Response: 2388205
Conc: 20.71 ug/ml



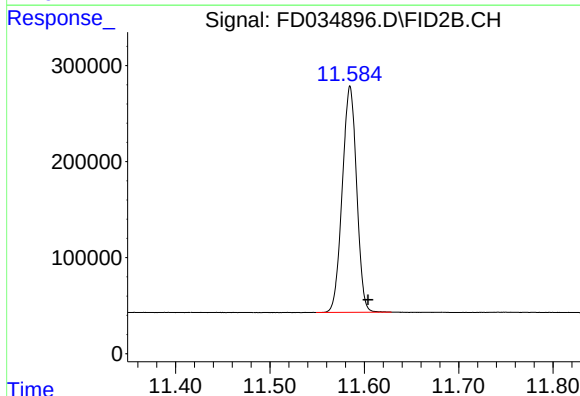
#9 Phenanthrene (C19.36)

R.T.: 10.822 min
Delta R.T.: -0.021 min
Response: 2364396
Conc: 20.28 ug/ml



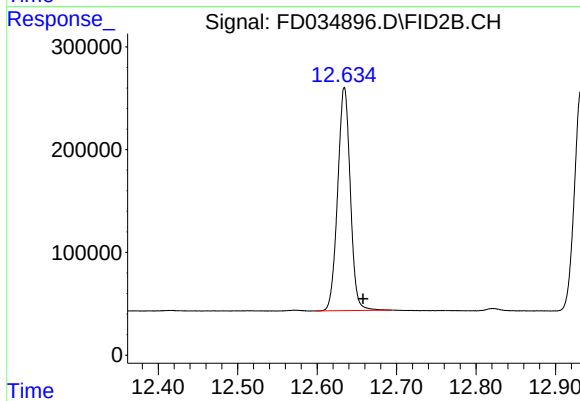
#10 Anthracene (C19.43)

R.T.: 10.896 min
Delta R.T.: -0.023 min
Response: 1963754
Conc: 17.24 ug/ml



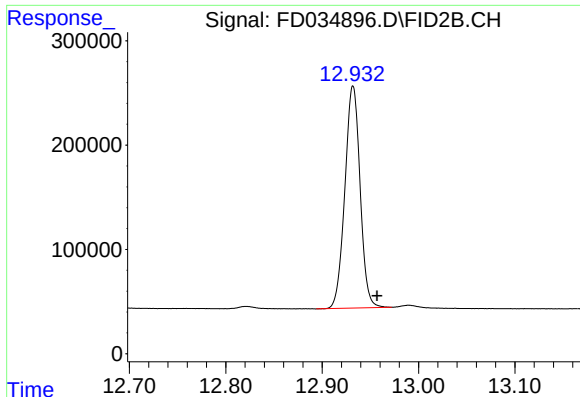
#11 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: -0.019 min
Response: 2490042
Conc: 20.79 ug/ml



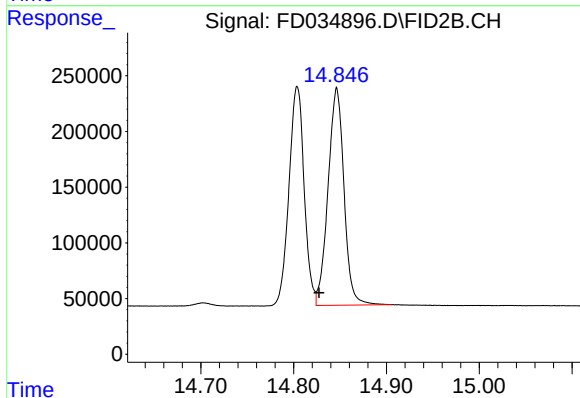
#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: -0.024 min
Response: 2400575
Conc: 20.59 ug/ml



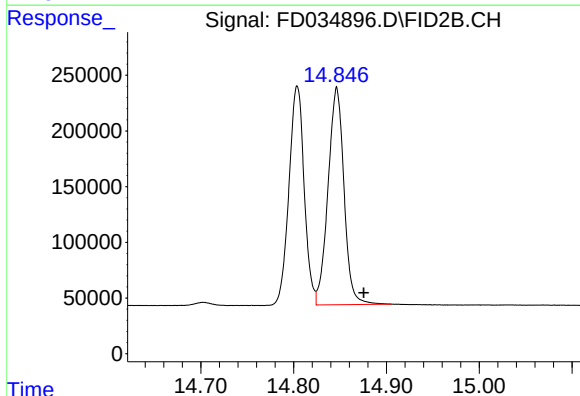
#13 Pyrene (C20.8)

R.T.: 12.932 min
Delta R.T.: -0.025 min
Response: 2327357
Conc: 20.51 ug/ml



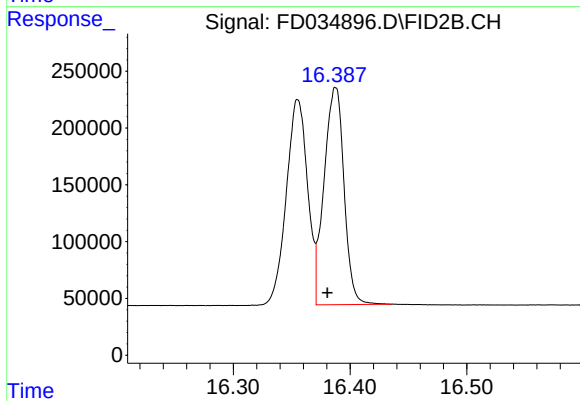
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.846 min
Delta R.T.: 0.019 min
Response: 2332466
Conc: 21.13 ug/ml



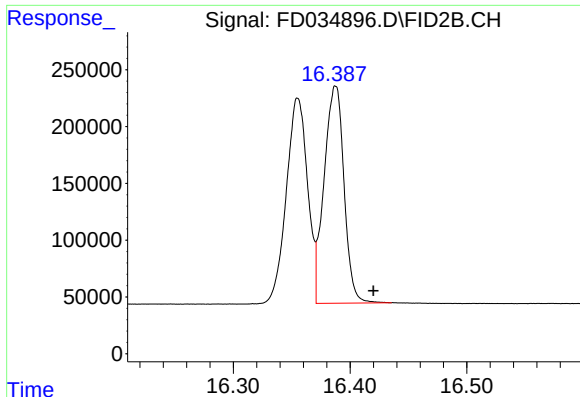
#15 Chrysene (C27.41)

R.T.: 14.846 min
Delta R.T.: -0.029 min
Response: 2332466
Conc: 20.88 ug/ml



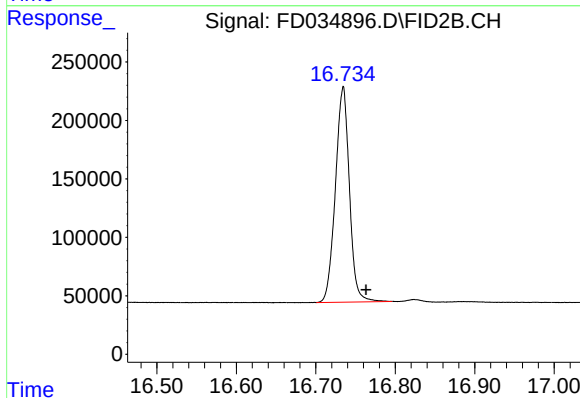
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.388 min
Delta R.T.: 0.007 min
Response: 2270985
Conc: 21.20 ug/ml



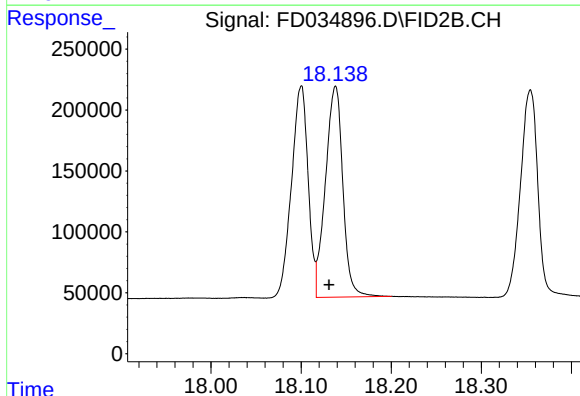
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: -0.032 min
Response: 2270985
Conc: 21.42 ug/ml



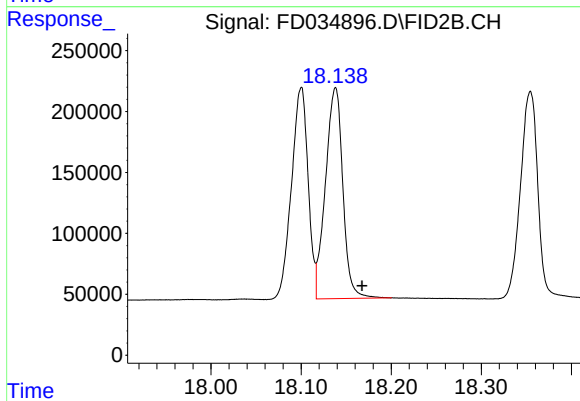
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.734 min
Delta R.T.: -0.029 min
Response: 2253288
Conc: 21.40 ug/ml



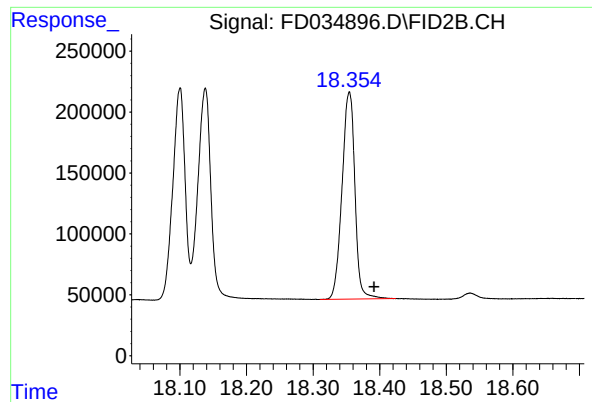
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.138 min
Delta R.T.: 0.007 min
Response: 2323459
Conc: 22.94 ug/ml



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

R.T.: 18.138 min
Delta R.T.: -0.029 min
Response: 2323459
Conc: 22.87 ug/ml



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

R.T.: 18.354 min
Delta R.T.: -0.037 min
Response: 2283859
Conc: 22.62 ug/ml