

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092920AR\
 Data File : FD034890.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2020 9:56
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 30 01:37:06 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...	7.678	2167428	21.132 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
6) S 2-Fluorobiphenyl (SURR)	8.544	1483010	20.611 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.22%
11) S ortho-Terphenyl (SURR)	11.585	2486065	20.752 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.472	2503208	22.110 ug/ml
2) T Naphthalene (C11.7)	6.015	2486387	21.302 ug/ml
3) T 2-Methylnaphthalene (...)	7.068	2512310	21.271 ug/ml
5) T Acenaphthylene (C15.06)	8.346	2401550	20.549 ug/ml
7) T Acenaphthene (C15.5)	8.641	2484829	20.885 ug/ml
8) T Flouorene (C16.55)	9.423	2371811	20.571 ug/ml
9) T Phenanthrene (C19.36)	10.821	2363337	20.269 ug/ml
10) T Anthracene (C19.43)	10.896	1972527	17.315 ug/ml
12) T Fluoranthene (C21.85)	12.635	2381860	20.425 ug/ml
13) T Pyrene (C20.8)	12.931	2318033	20.426 ug/ml
14) T Benzo[a]anthracene (C...	14.804	2226824	20.177 ug/mlm
15) T Chrysene (C27.41)	14.847	2312296	20.702 ug/ml
16) T benzo[b]fluoranthene ...	16.356	2306622	21.535 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.388	2251634	21.235 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.734	2228283	21.160 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.099	2206621	21.782 ug/mlm
20) T Dibenz[a,h]anthracene...	18.137	2257859	22.223 ug/ml
21) T Benzo[g,h,i]perylene ...	18.355	2254678	22.329 ug/ml

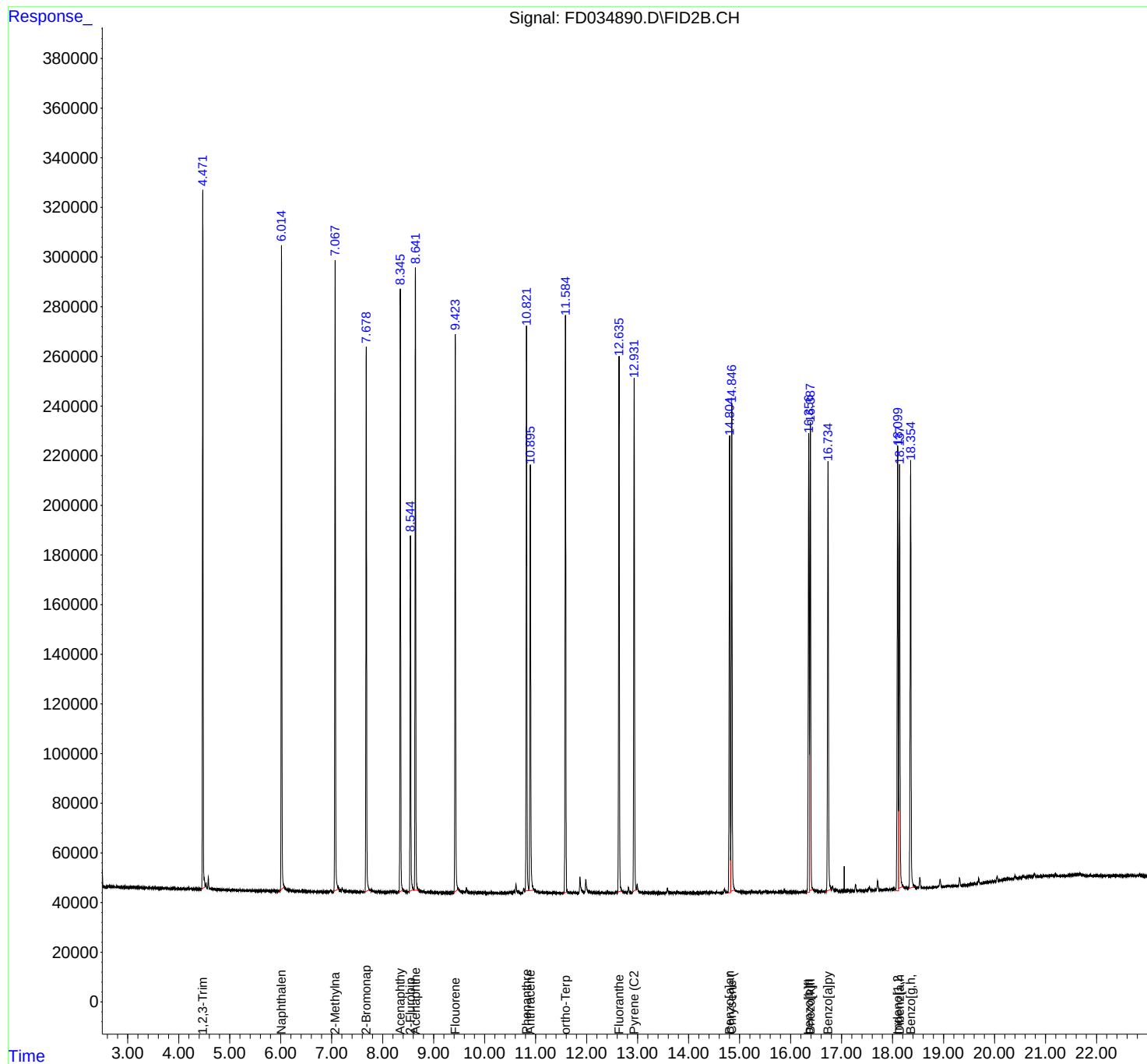
(f)=RT Delta > 1/2 Window

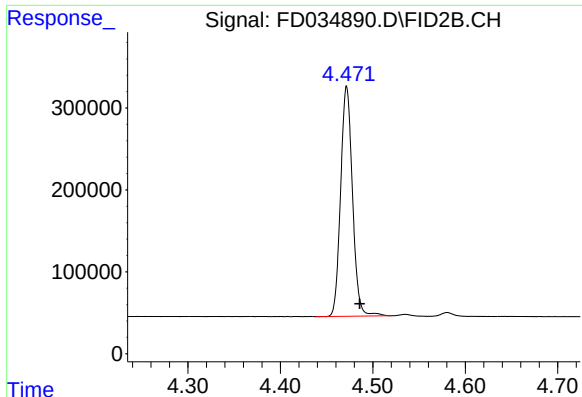
(m)=manual int.

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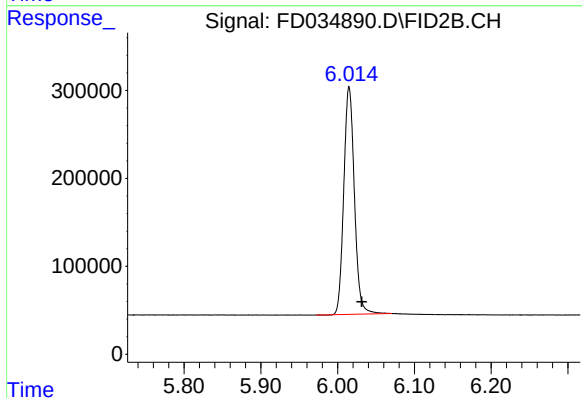
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





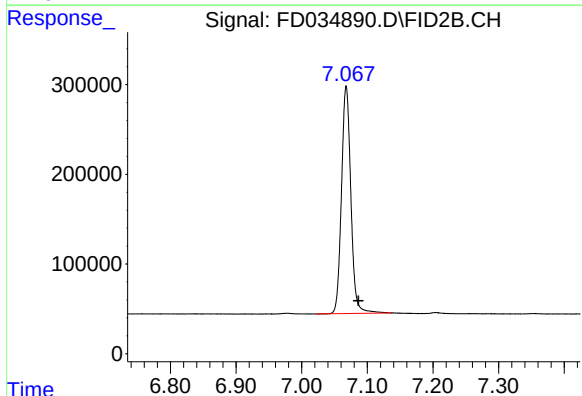
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.472 min
Delta R.T.: -0.014 min
Response: 2503208
Conc: 22.11 ug/ml



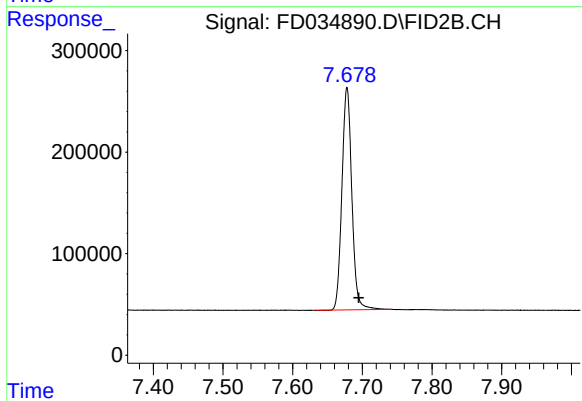
#2 Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.016 min
Response: 2486387
Conc: 21.30 ug/ml



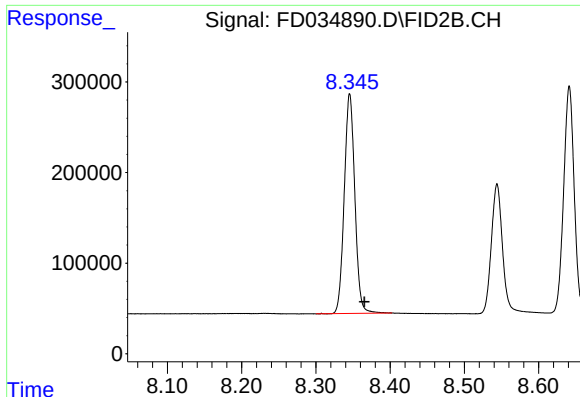
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: -0.019 min
Response: 2512310
Conc: 21.27 ug/ml



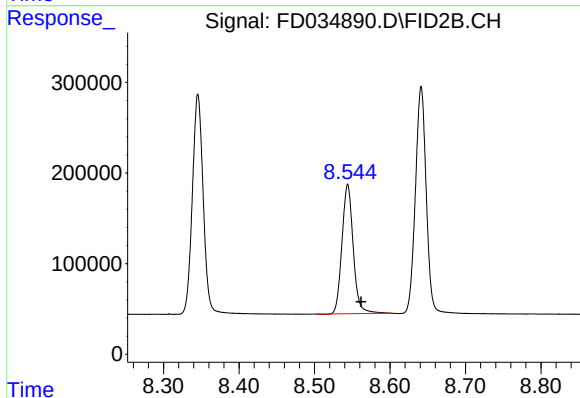
#4 2-Bromonaphthalene (SURR)

R.T.: 7.678 min
Delta R.T.: -0.017 min
Response: 2167428
Conc: 21.13 ug/ml



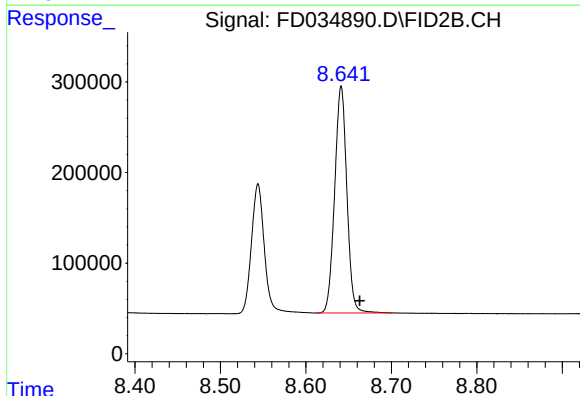
#5 Acenaphthylene (C15.06)

R.T.: 8.346 min
Delta R.T.: -0.020 min
Response: 2401550
Conc: 20.55 ug/ml



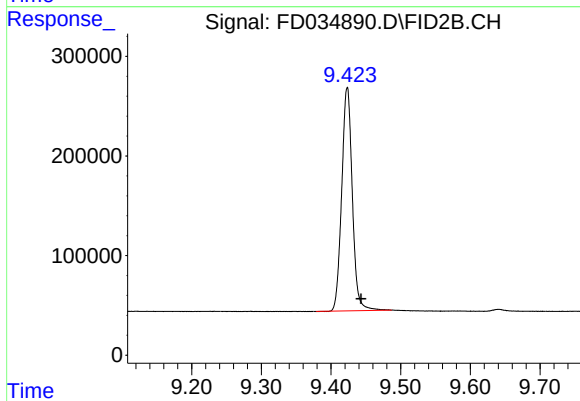
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.544 min
Delta R.T.: -0.018 min
Response: 1483010
Conc: 20.61 ug/ml



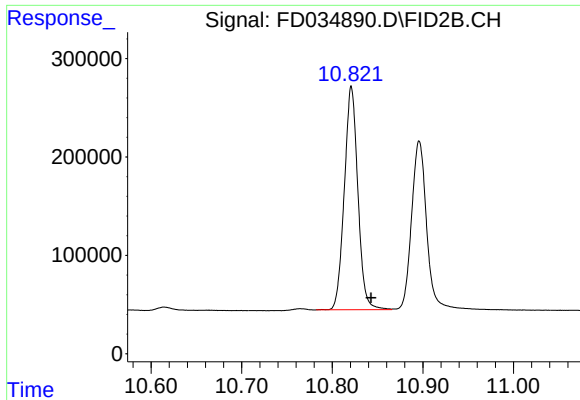
#7 Acenaphthene (C15.5)

R.T.: 8.641 min
Delta R.T.: -0.022 min
Response: 2484829
Conc: 20.88 ug/ml



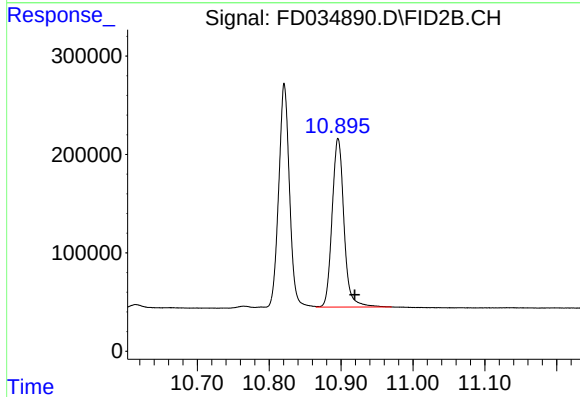
#8 Fluorene (C16.55)

R.T.: 9.423 min
Delta R.T.: -0.020 min
Response: 2371811
Conc: 20.57 ug/ml



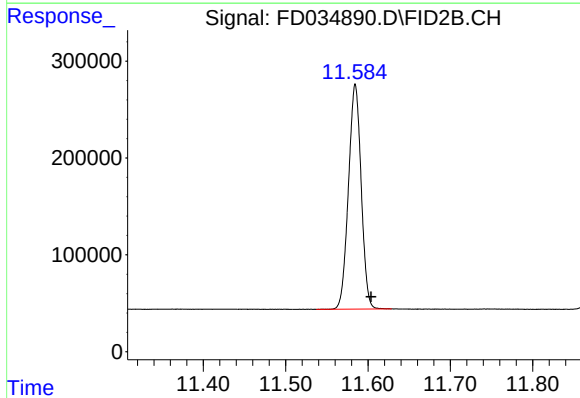
#9 Phenanthrene (C19.36)

R.T.: 10.821 min
Delta R.T.: -0.022 min
Response: 2363337
Conc: 20.27 ug/ml



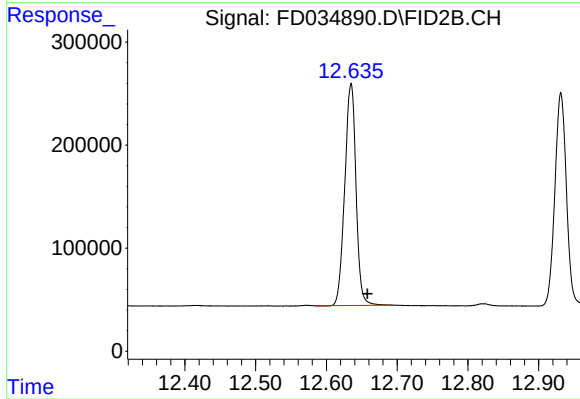
#10 Anthracene (C19.43)

R.T.: 10.896 min
Delta R.T.: -0.023 min
Response: 1972527
Conc: 17.32 ug/ml



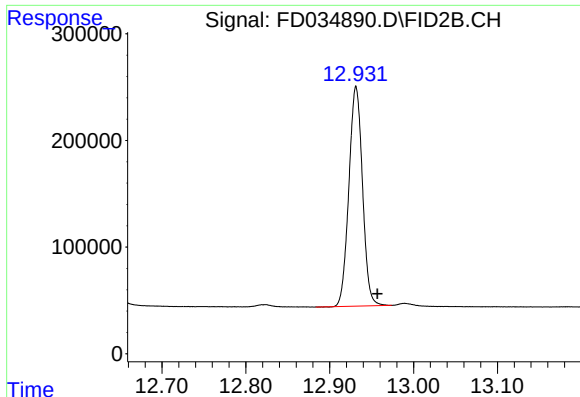
#11 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: -0.019 min
Response: 2486065
Conc: 20.75 ug/ml



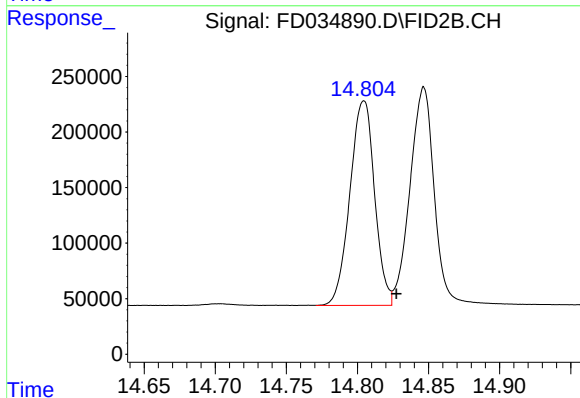
#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: -0.023 min
Response: 2381860
Conc: 20.43 ug/ml



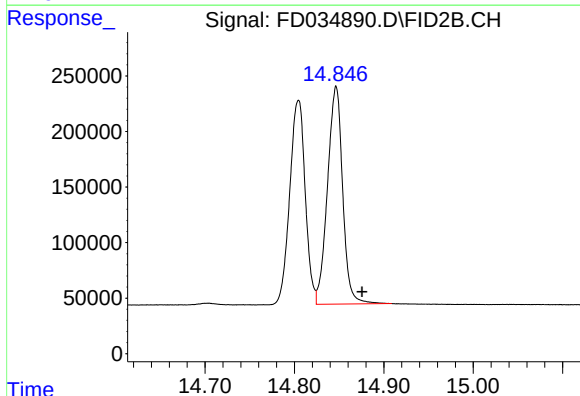
#13 Pyrene (C20.8)

R.T.: 12.931 min
Delta R.T.: -0.025 min
Response: 2318033
Conc: 20.43 ug/ml



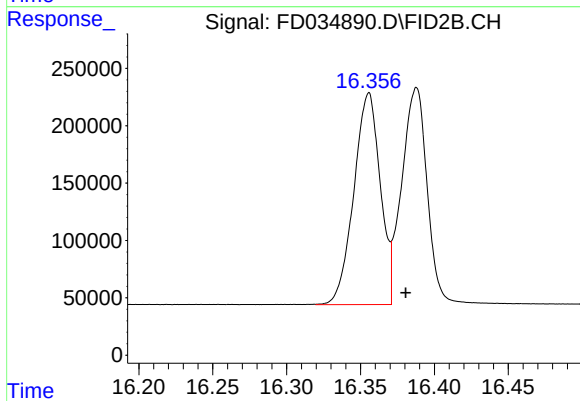
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.804 min
Delta R.T.: -0.023 min
Response: 2226824
Conc: 20.18 ug/ml m



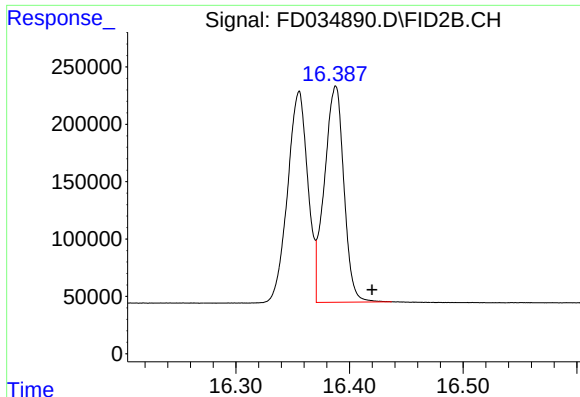
#15 Chrysene (C27.41)

R.T.: 14.847 min
Delta R.T.: -0.029 min
Response: 2312296
Conc: 20.70 ug/ml



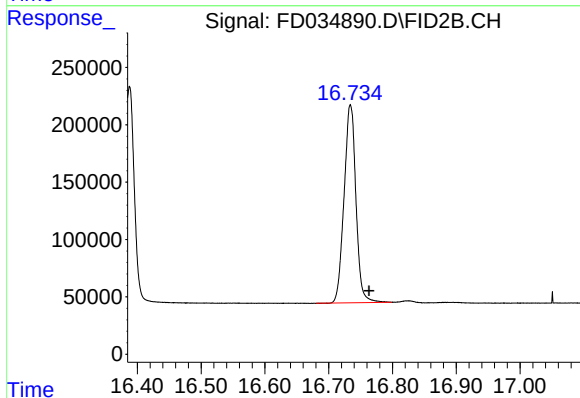
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.356 min
Delta R.T.: -0.025 min
Response: 2306622
Conc: 21.53 ug/ml m



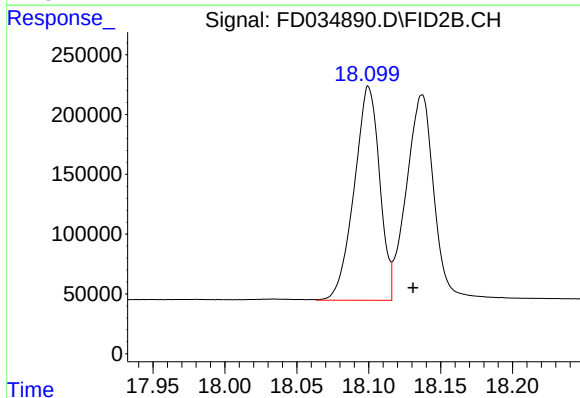
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: -0.032 min
Response: 2251634
Conc: 21.23 ug/ml



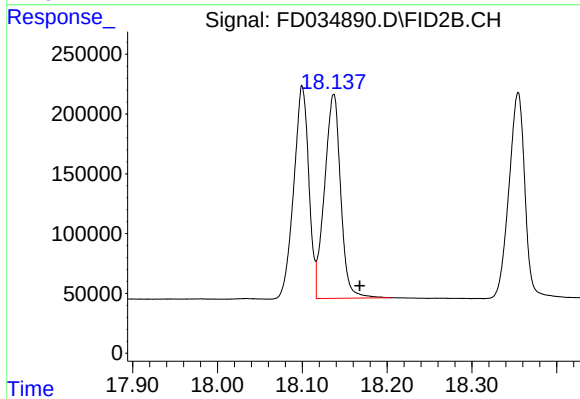
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.734 min
Delta R.T.: -0.029 min
Response: 2228283
Conc: 21.16 ug/ml



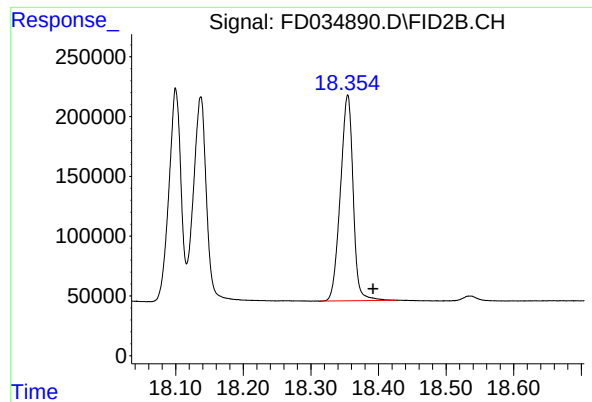
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.099 min
Delta R.T.: -0.032 min
Response: 2206621
Conc: 21.78 ug/ml m



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

R.T.: 18.137 min
Delta R.T.: -0.031 min
Response: 2257859
Conc: 22.22 ug/ml



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

R.T.: 18.355 min
Delta R.T.: -0.037 min
Response: 2254678
Conc: 22.33 ug/ml