

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050420AR\
 Data File : FD033274.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2020 8:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 05 01:59:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.592	2553871	17.406 ug/ml
Spiked Amount 50.000		Recovery =	34.81%
6) S 2-Fluorobiphenyl (SURR)	8.454	1640695	16.817 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.63%
11) S ortho-Terphenyl (SURR)	11.487	2654603	16.611 ug/ml
Spiked Amount 50.000		Recovery =	33.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.398	2916777	18.778 ug/mlm
2) T Naphthalene (C11.7)	5.934	2894789	17.742 ug/ml
3) T 2-Methylnaphthalene (...)	6.984	2805732	17.387 ug/ml
5) T Acenaphthylene (C15.06)	8.256	2655762	17.168 ug/ml
7) T Acenaphthene (C15.5)	8.551	2778861	17.269 ug/ml
8) T Flouorene (C16.55)	9.330	2629134	16.911 ug/ml
9) T Phenanthrene (C19.36)	10.726	2541668	16.226 ug/ml
10) T Anthracene (C19.43)	10.801	2434958	15.987 ug/ml
12) T Fluoranthene (C21.85)	12.537	2518837	15.983 ug/ml
13) T Pyrene (C20.8)	12.833	2499368	16.005 ug/ml
14) T Benzo[a]anthracene (C...	14.706	2427259	17.051 ug/mlm
15) T Chrysene (C27.41)	14.748	2488721	16.867 ug/ml
16) T benzo[b]fluoranthene ...	16.258	2474433	18.130 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.290	2537166	18.434 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.638	2493370	18.822 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	2455949	20.347 ug/mlm
20) T Dibenz[a,h]anthracene...	18.043	2473724	19.747 ug/ml
21) T Benzo[g,h,i]perylene ...	18.262	2450313	20.246 ug/ml

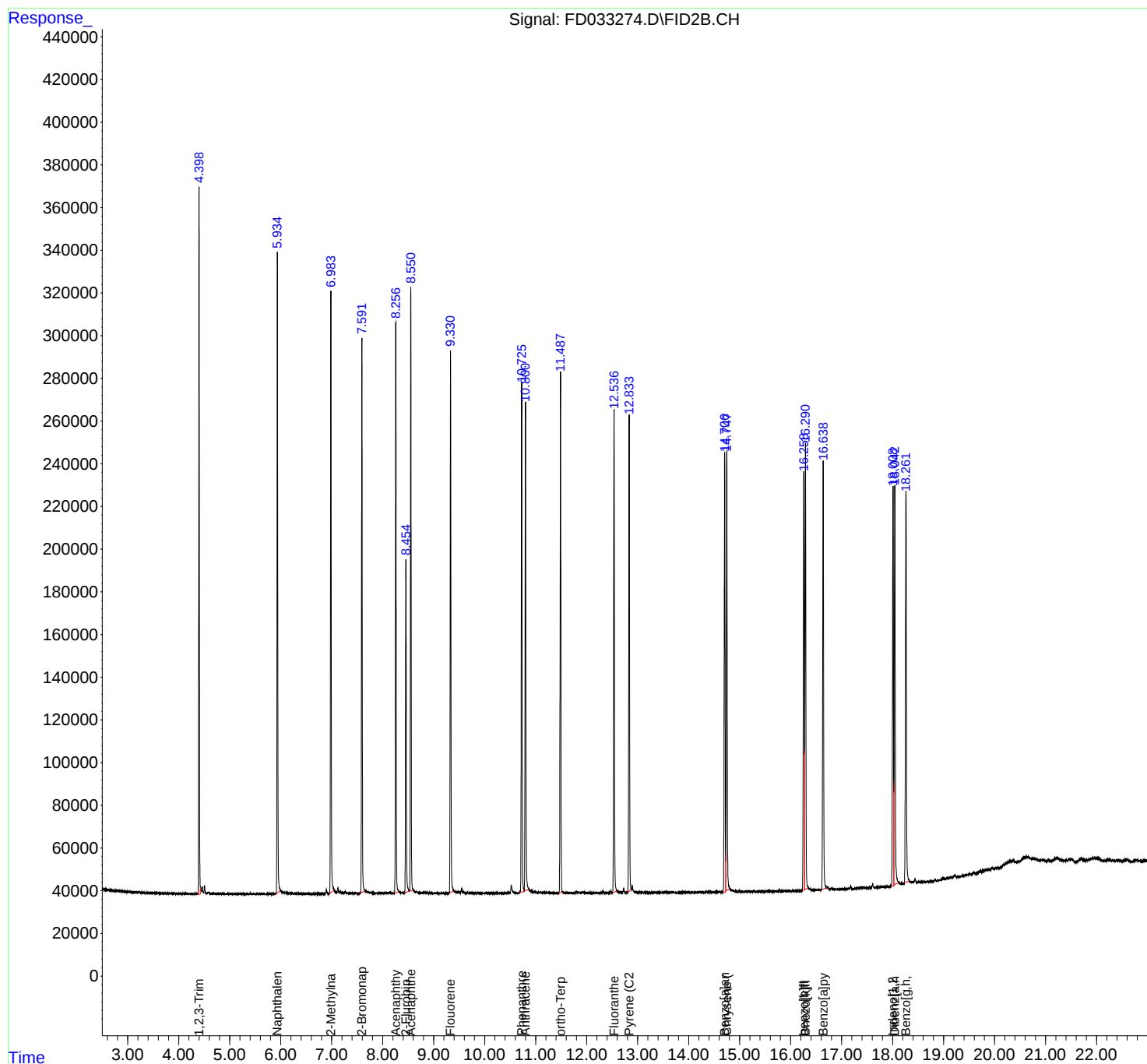
(f)=RT Delta > 1/2 Window

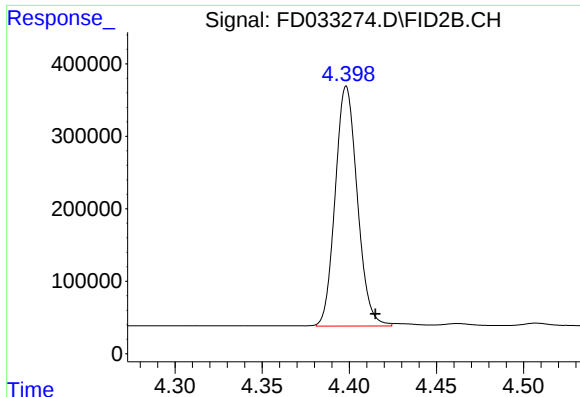
(m)=manual int.

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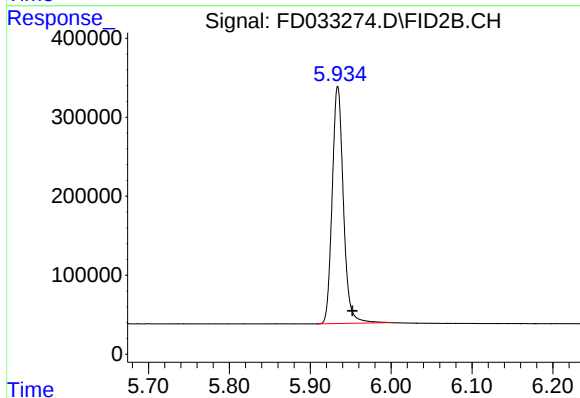
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Signal Info : 20M x 0.18mm x 0.18µm





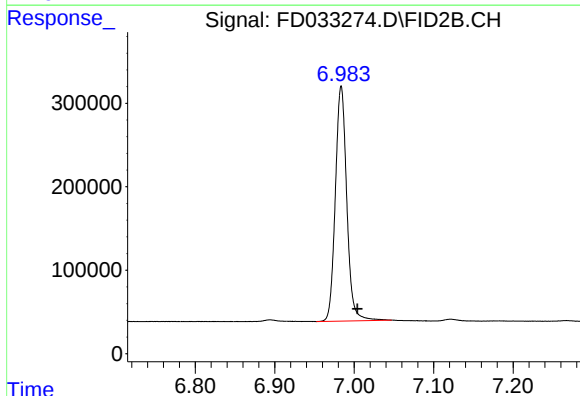
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.398 min
Delta R.T.: -0.017 min
Response: 2916777
Conc: 18.78 ug/ml m



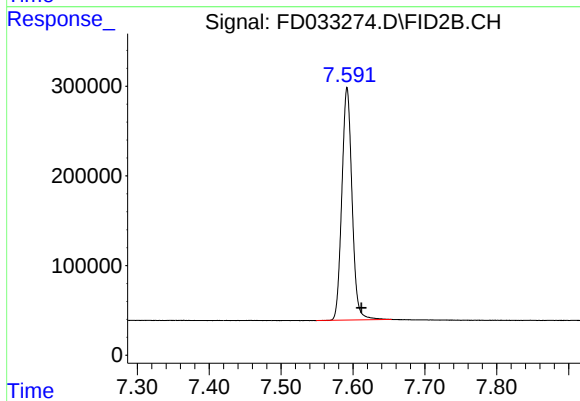
#2 Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.018 min
Response: 2894789
Conc: 17.74 ug/ml



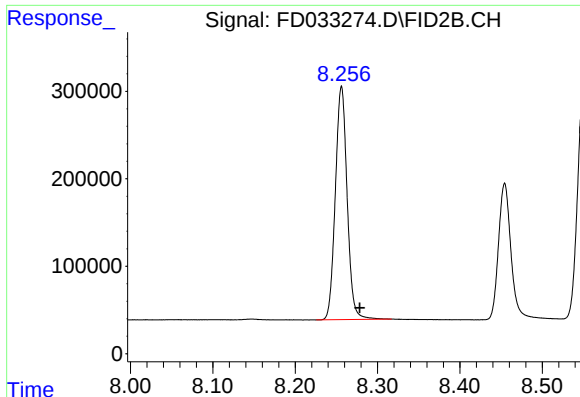
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.021 min
Response: 2805732
Conc: 17.39 ug/ml



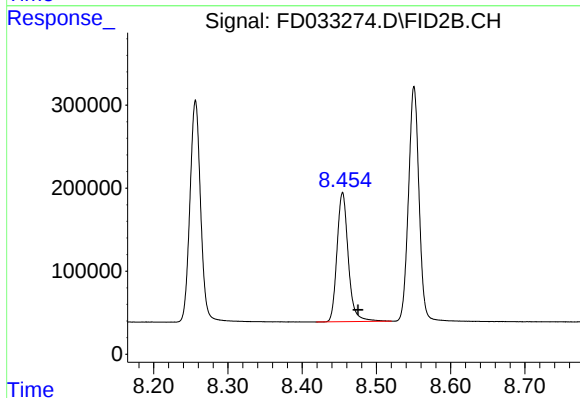
#4 2-Bromonaphthalene (SURR)

R.T.: 7.592 min
Delta R.T.: -0.020 min
Response: 2553871
Conc: 17.41 ug/ml



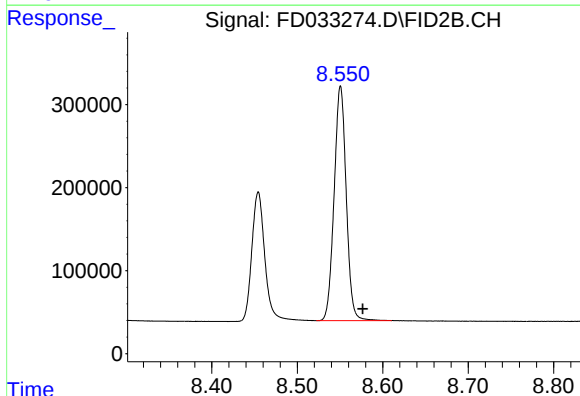
#5 Acenaphthylene (C15.06)

R.T.: 8.256 min
Delta R.T.: -0.022 min
Response: 2655762
Conc: 17.17 ug/ml



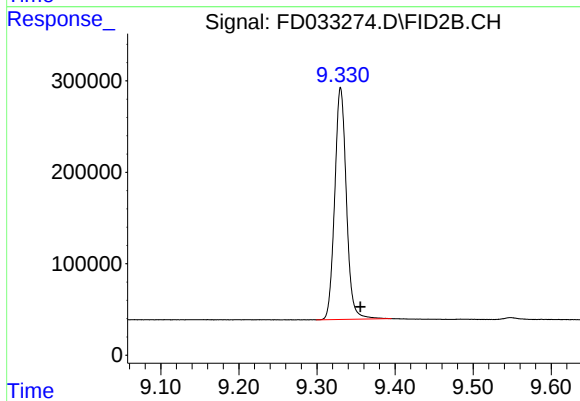
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: -0.021 min
Response: 1640695
Conc: 16.82 ug/ml



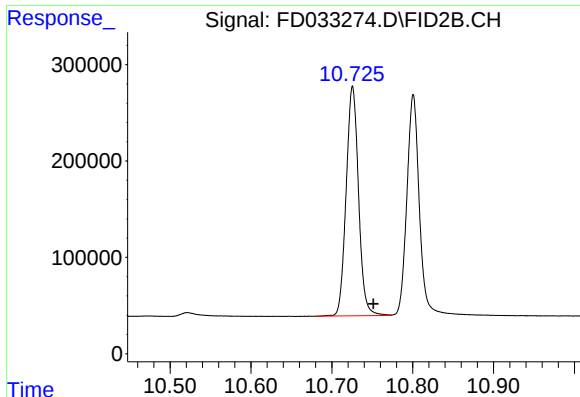
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.026 min
Response: 2778861
Conc: 17.27 ug/ml



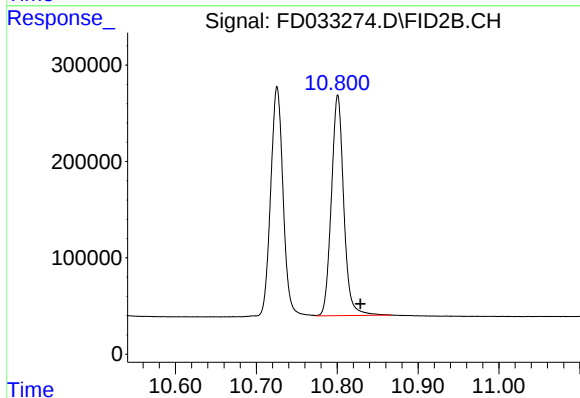
#8 Flouorene (C16.55)

R.T.: 9.330 min
Delta R.T.: -0.025 min
Response: 2629134
Conc: 16.91 ug/ml



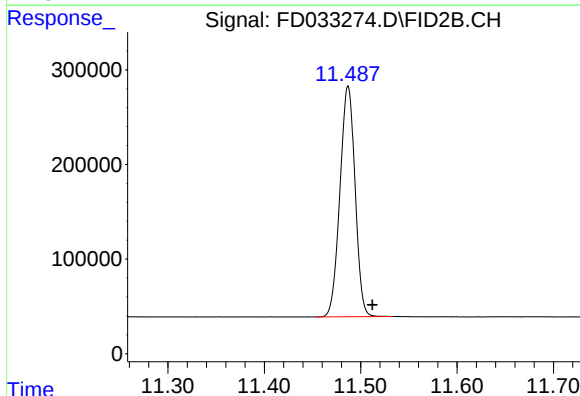
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: -0.025 min
Response: 2541668
Conc: 16.23 ug/ml



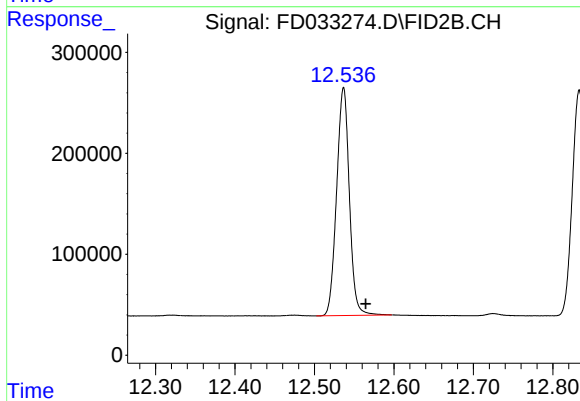
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: -0.028 min
Response: 2434958
Conc: 15.99 ug/ml



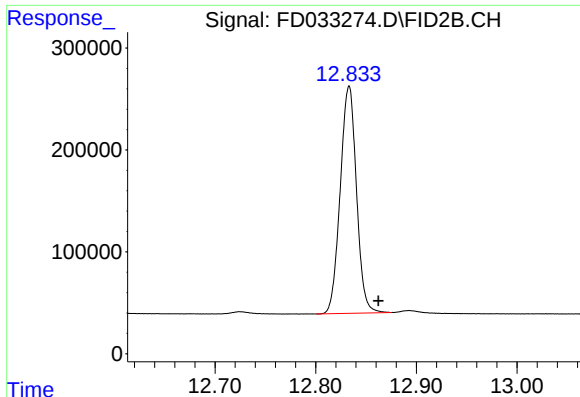
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.025 min
Response: 2654603
Conc: 16.61 ug/ml



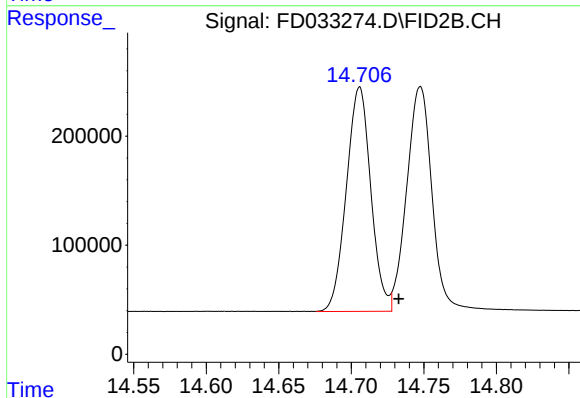
#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.028 min
Response: 2518837
Conc: 15.98 ug/ml



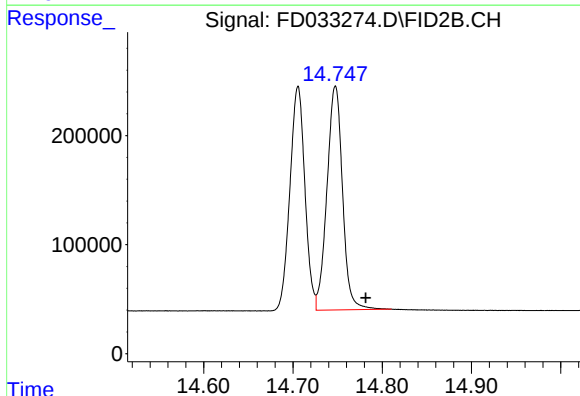
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.029 min
Response: 2499368
Conc: 16.01 ug/ml



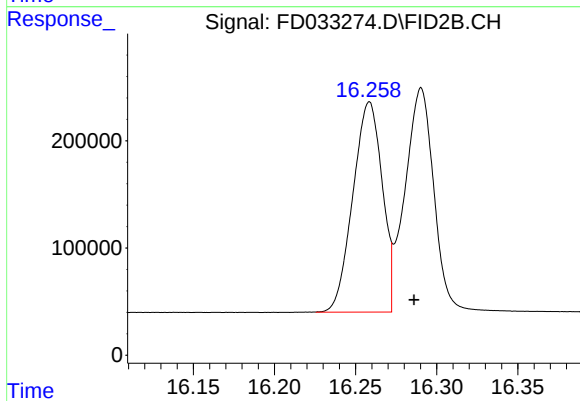
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.027 min
Response: 2427259
Conc: 17.05 ug/ml m



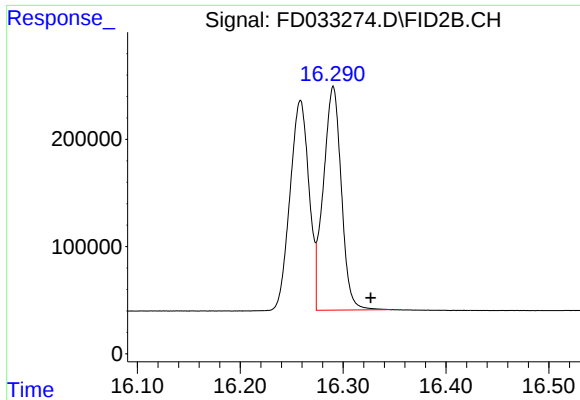
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: -0.034 min
Response: 2488721
Conc: 16.87 ug/ml



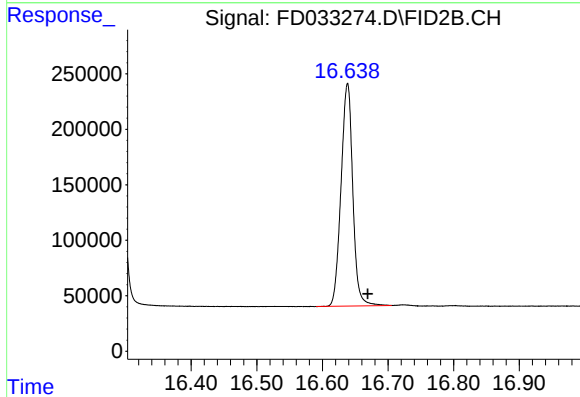
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.258 min
Delta R.T.: -0.028 min
Response: 2474433
Conc: 18.13 ug/ml m



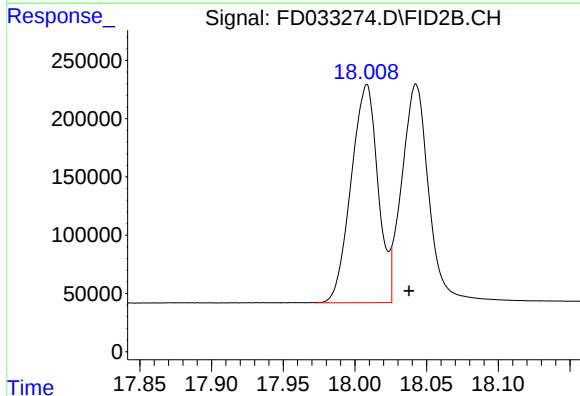
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.290 min
Delta R.T.: -0.036 min
Response: 2537166
Conc: 18.43 ug/ml



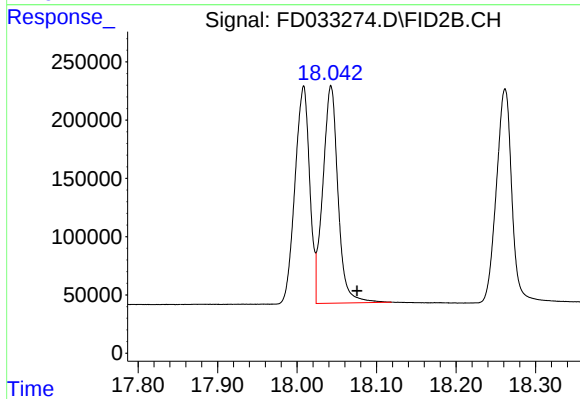
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.638 min
Delta R.T.: -0.031 min
Response: 2493370
Conc: 18.82 ug/ml



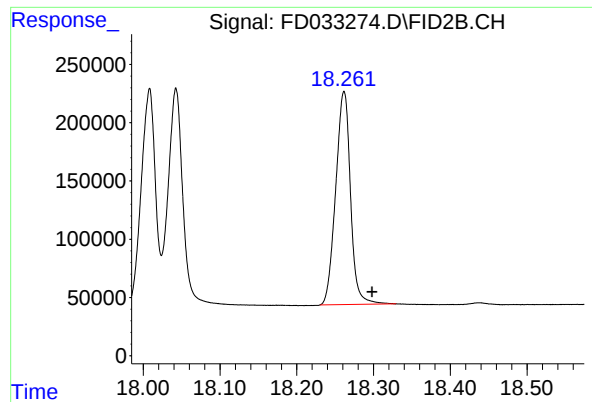
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: -0.030 min
Response: 2455949
Conc: 20.35 ug/ml m



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

R.T.: 18.043 min
Delta R.T.: -0.033 min
Response: 2473724
Conc: 19.75 ug/ml



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

R.T.: 18.262 min
Delta R.T.: -0.036 min
Response: 2450313
Conc: 20.25 ug/ml