

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042120AR\
 Data File : FD033080.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2020 18:08
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Sohil
 4/22/2020 4:34:19 PM

Integration File: autoint1.e
 Quant Time: Apr 22 02:37:48 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...	7.598	2437632	16.614 ug/ml
Spiked Amount 50.000		Recovery =	33.23%
6) S 2-Fluorobiphenyl (SURR)	8.461	1579752	16.193 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.39%
11) S ortho-Terphenyl (SURR)	11.495	2490629	15.585 ug/ml
Spiked Amount 50.000		Recovery =	31.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.403	2728838	17.568 ug/mlm
2) T Naphthalene (C11.7)	5.940	2747032	16.836 ug/ml
3) T 2-Methylnaphthalene (...)	6.990	2684167	16.634 ug/ml
5) T Acenaphthylene (C15.06)	8.263	2516401	16.267 ug/ml
7) T Acenaphthene (C15.5)	8.558	2627840	16.331 ug/ml
8) T Flouorene (C16.55)	9.338	2511349	16.154 ug/ml
9) T Phenanthrene (C19.36)	10.733	2397447	15.305 ug/ml
10) T Anthracene (C19.43)	10.808	2313738	15.191 ug/ml
12) T Fluoranthene (C21.85)	12.544	2389983	15.165 ug/mlm
13) T Pyrene (C20.8)	12.841	2364110	15.139 ug/mlm
14) T Benzo[a]anthracene (C...	14.714	2213486	15.550 ug/ml
15) T Chrysene (C27.41)	14.756	2283002	15.472 ug/ml
16) T benzo[b]fluoranthene ...	16.266	2275601	16.673 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.298	2292448	16.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.647	2274138	17.167 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	2238413	18.545 ug/mlm
20) T Dibenz[a,h]anthracene...	18.051	2311684	18.453 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	2276468	18.810 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 52 Sample Multiplier: 1

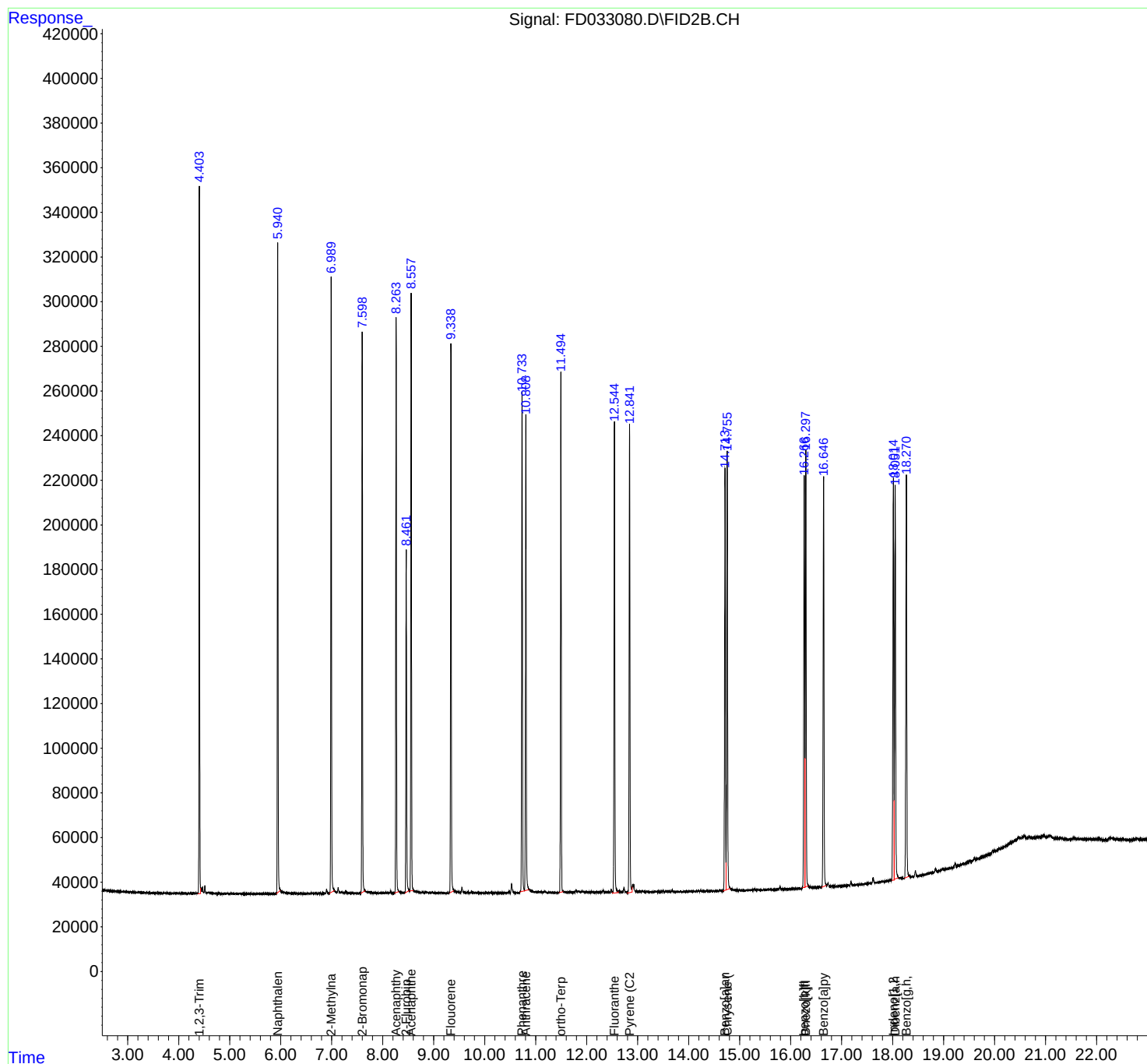
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20 PPM AROMATIC HC STD

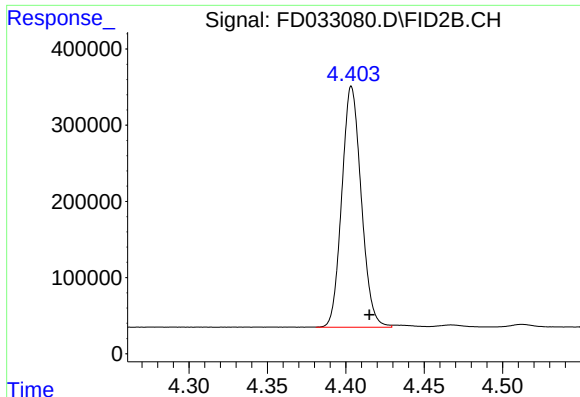
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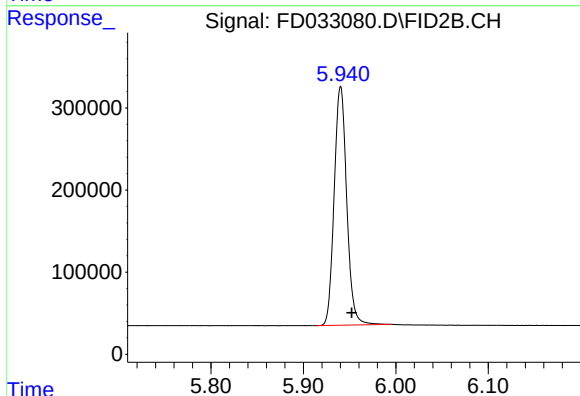
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.403 min
Delta R.T.: -0.012 min
Response: 2728838
Conc: 17.57 ug/ml m

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20 PPM AROMATIC HC STD

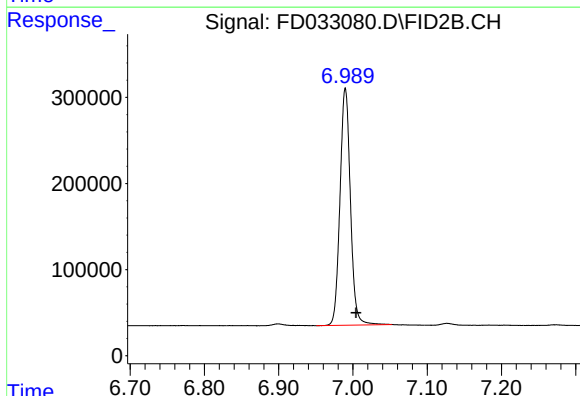
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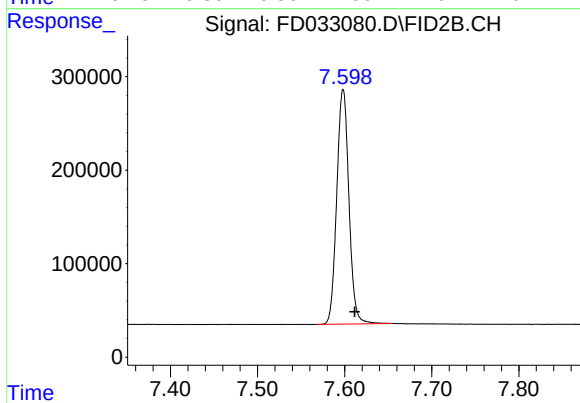
#2 Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 2747032
Conc: 16.84 ug/ml



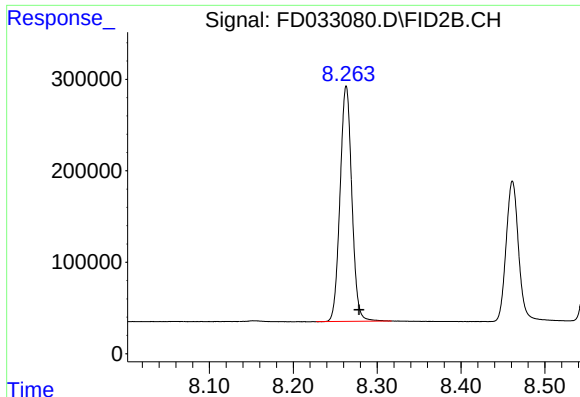
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.014 min
Response: 2684167
Conc: 16.63 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.598 min
Delta R.T.: -0.013 min
Response: 2437632
Conc: 16.61 ug/ml



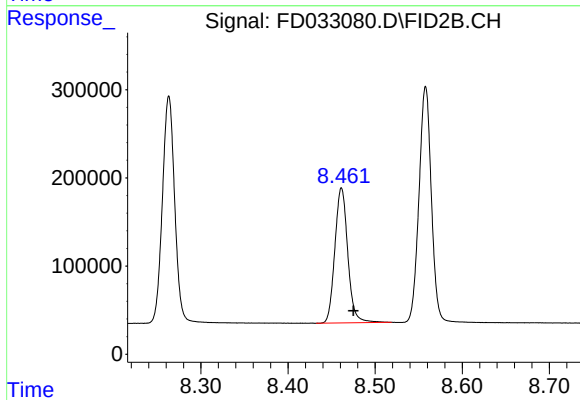
#5 Acenaphthylene (C15.06)

R.T.: 8.263 min
Delta R.T.: -0.015 min
Response: 2516401
Conc: 16.27 ug/ml

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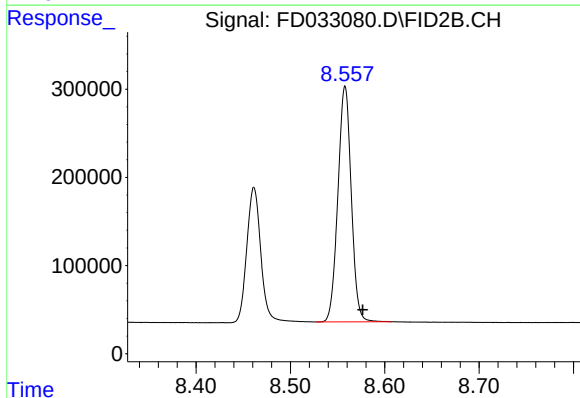
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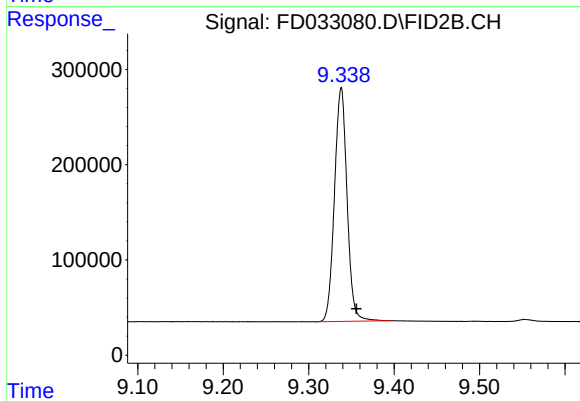
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: -0.014 min
Response: 1579752
Conc: 16.19 ug/ml



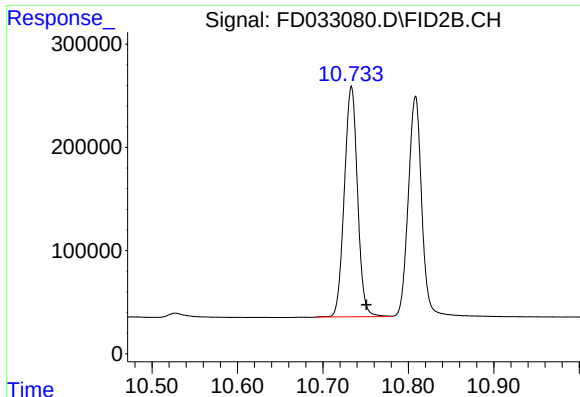
#7 Acenaphthene (C15.5)

R.T.: 8.558 min
Delta R.T.: -0.019 min
Response: 2627840
Conc: 16.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.338 min
Delta R.T.: -0.017 min
Response: 2511349
Conc: 16.15 ug/ml



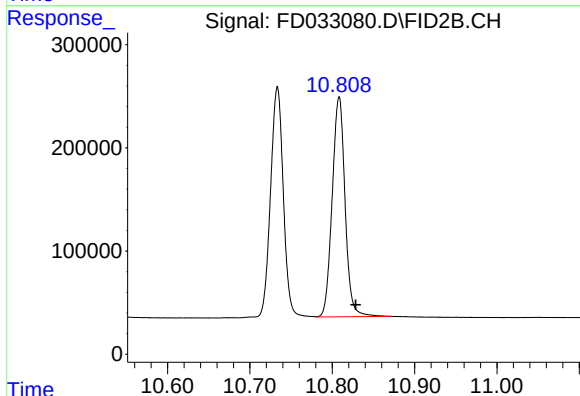
#9 Phenanthrene (C19.36)

R.T.: 10.733 min
Delta R.T.: -0.018 min
Response: 2397447
Conc: 15.31 ug/ml

Instrument :
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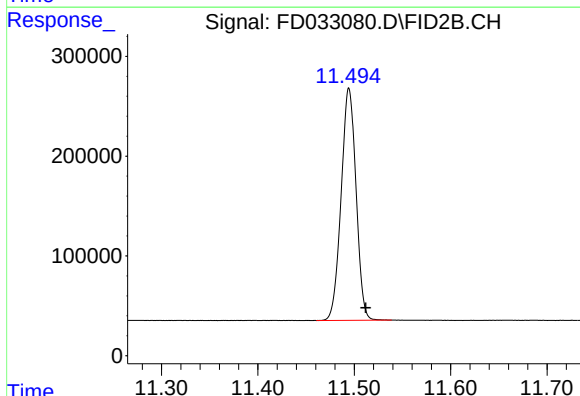
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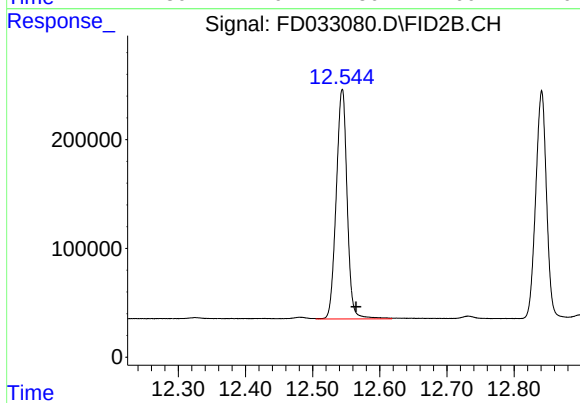
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: -0.020 min
Response: 2313738
Conc: 15.19 ug/ml



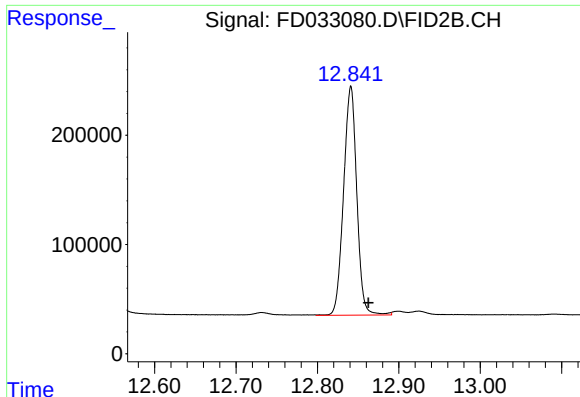
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: -0.017 min
Response: 2490629
Conc: 15.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.544 min
Delta R.T.: -0.020 min
Response: 2389983
Conc: 15.17 ug/ml m



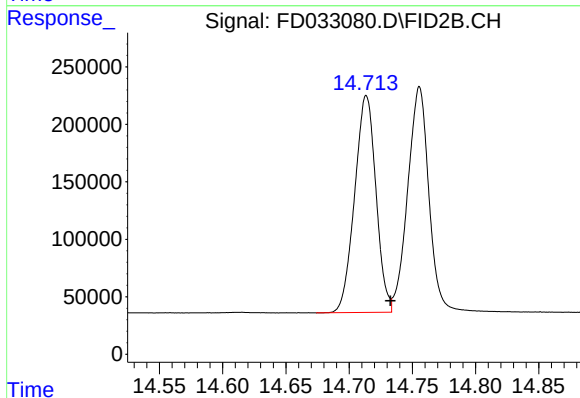
#13 Pyrene (C20.8)

R.T.: 12.841 min
Delta R.T.: -0.022 min
Response: 2364110
Conc: 15.14 ug/ml m

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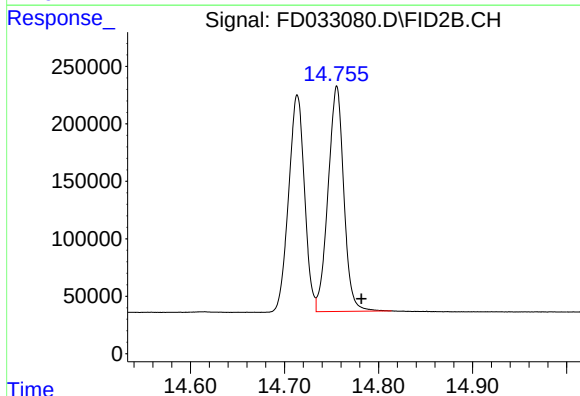
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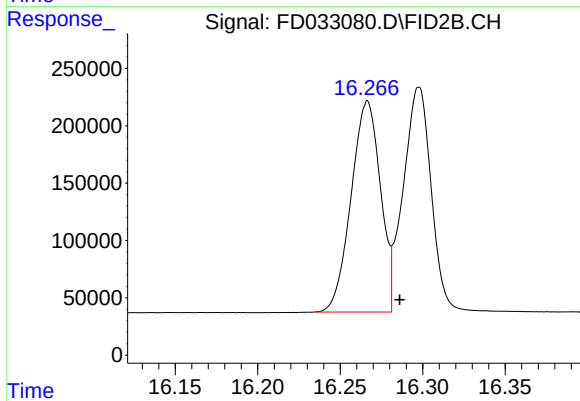
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min
Delta R.T.: -0.019 min
Response: 2213486
Conc: 15.55 ug/ml



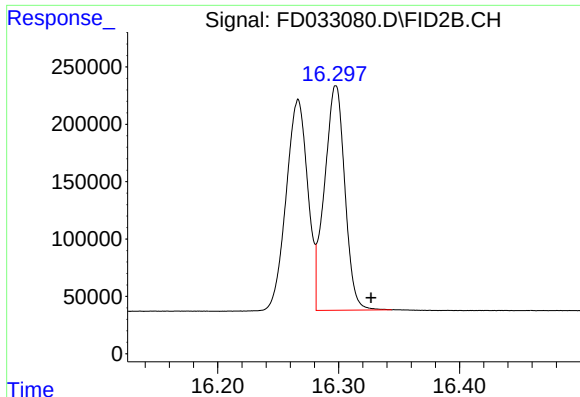
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.026 min
Response: 2283002
Conc: 15.47 ug/ml



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

R.T.: 16.266 min
Delta R.T.: -0.020 min
Response: 2275601
Conc: 16.67 ug/ml m



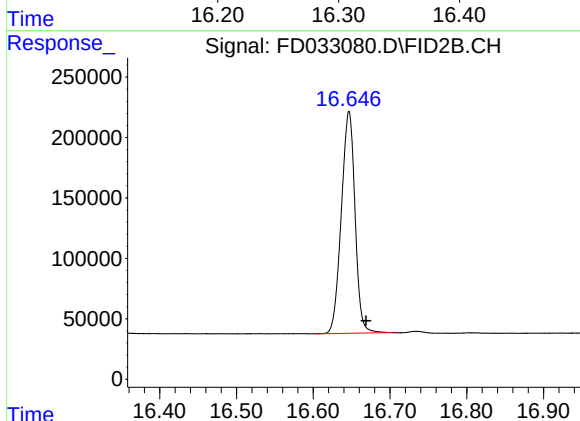
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.298 min
Delta R.T.: -0.029 min
Response: 2292448
Conc: 16.66 ug/ml

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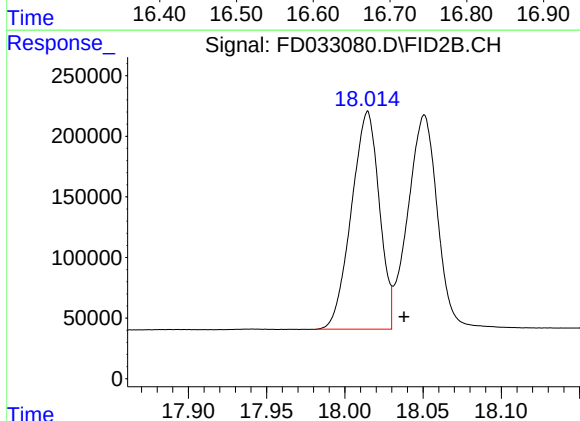
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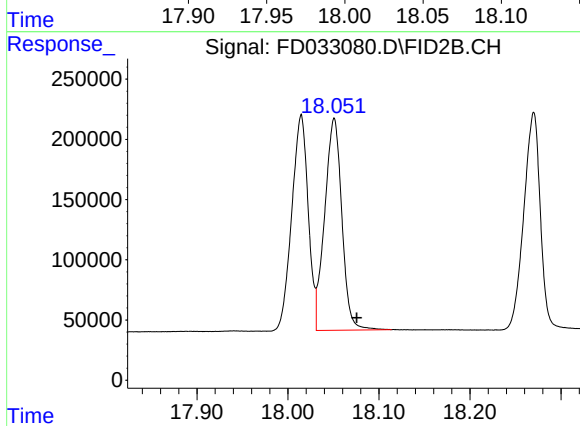
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.647 min
Delta R.T.: -0.022 min
Response: 2274138
Conc: 17.17 ug/ml



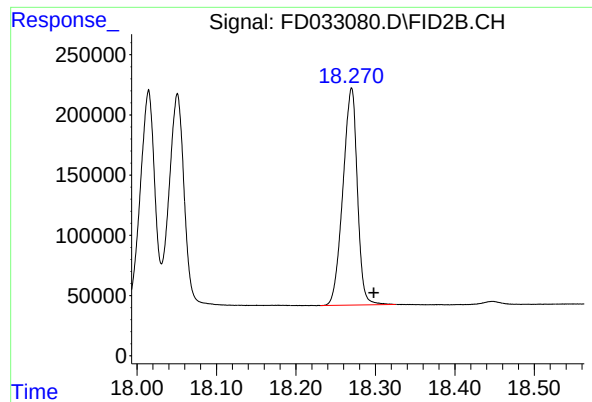
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: -0.023 min
Response: 2238413
Conc: 18.54 ug/ml m



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

R.T.: 18.051 min
Delta R.T.: -0.025 min
Response: 2311684
Conc: 18.45 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.028 min
Response: 2276468
Conc: 18.81 ug/ml

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