

Data Path : P:\HPCHEM1\FID D\Data\FD031118AR\
 Data File : FD022465.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2018 17:32
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 03:41:57 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.330	1981018	23.646 ug/ml
Spiked Amount 50.000		Recovery =	47.29%
6) S 2-Fluorobiphenyl (SURR)	8.188	1264980	25.021 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.04%
11) S ortho-Terphenyl (SURR)	11.213	2359759	24.865 ug/ml
Spiked Amount 50.000		Recovery =	49.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.138	2195748	24.864 ug/ml
2) T Naphthalene (C11.7)	5.670	2180981	24.381 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	2149411	23.667 ug/ml
5) T Acenaphthylene (C15.06)	7.985	2259648	23.595 ug/ml
7) T Acenaphthene (C15.5)	8.277	2311178	22.561 ug/mlm
8) T Fluorene (C16.55)	9.060	2276915	24.283 ug/ml
9) T Phenanthrene (C19.36)	10.452	2372898	25.468 ug/ml
10) T Anthracene (C19.43)	10.528	2383828	25.139 ug/ml
12) T Fluoranthene (C21.85)	12.262	2528975	25.213 ug/ml
13) T Pyrene (C20.8)	12.556	2524733	24.850 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.433	2409174	24.984 ug/mlm
15) T Chrysene (C27.41)	14.475	2533347	23.472 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.991	2469828	24.568 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.022	2619706	23.086 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.373	2395974	22.799 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.752	1800503	18.898 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.780	2841338	25.004 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.003	1991081	19.170 ug/ml

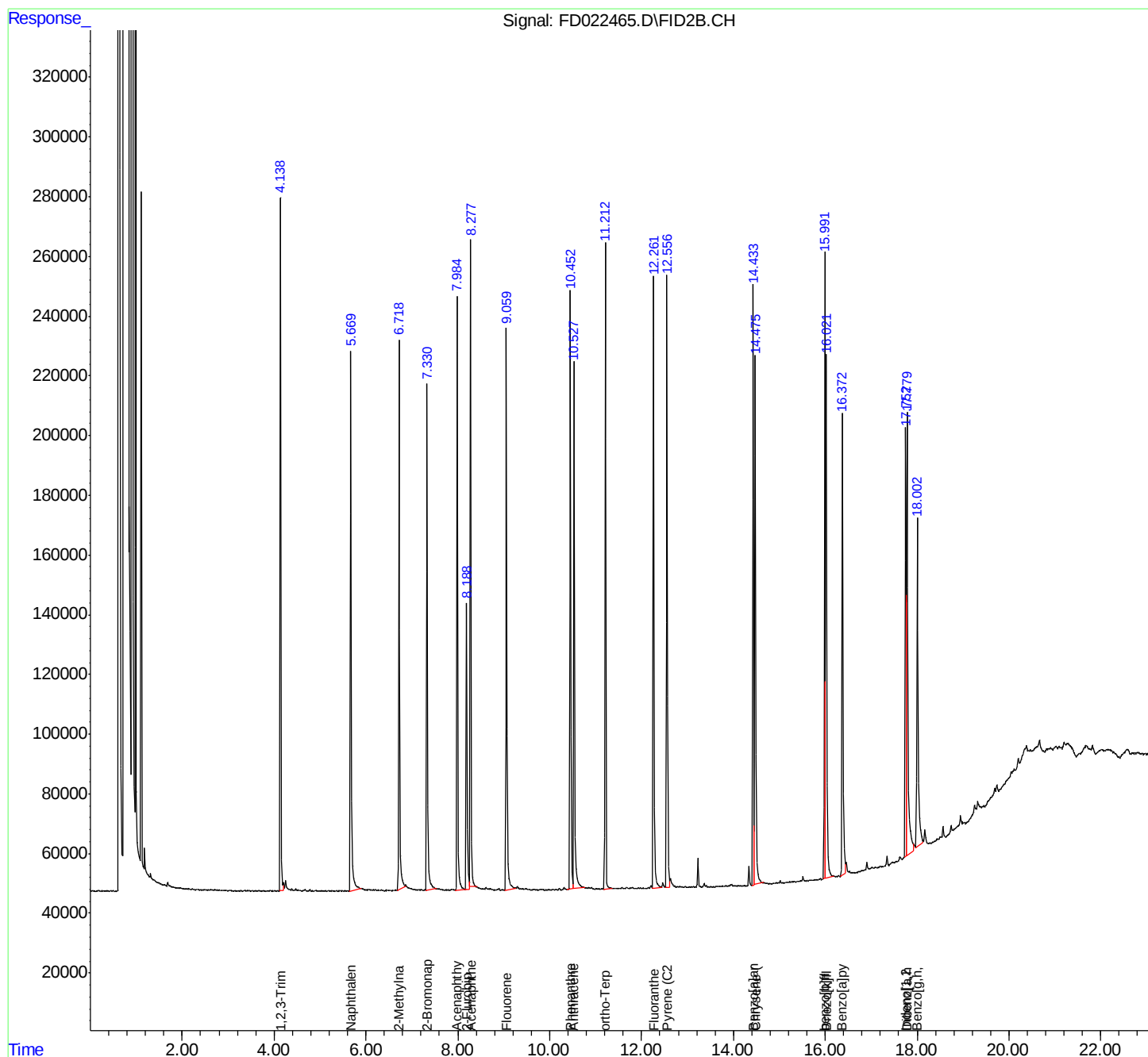
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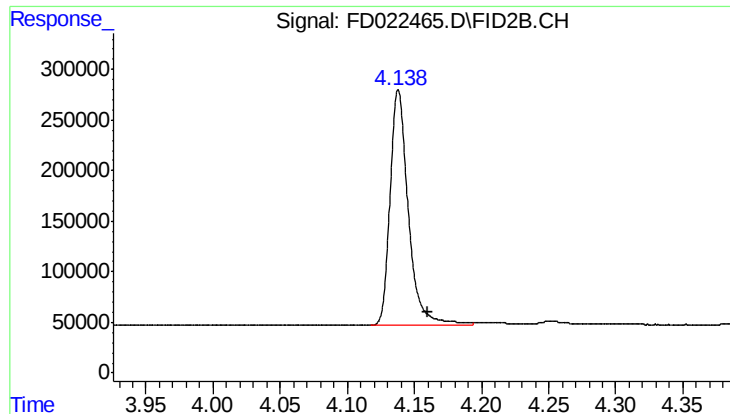
(m)=manual int.

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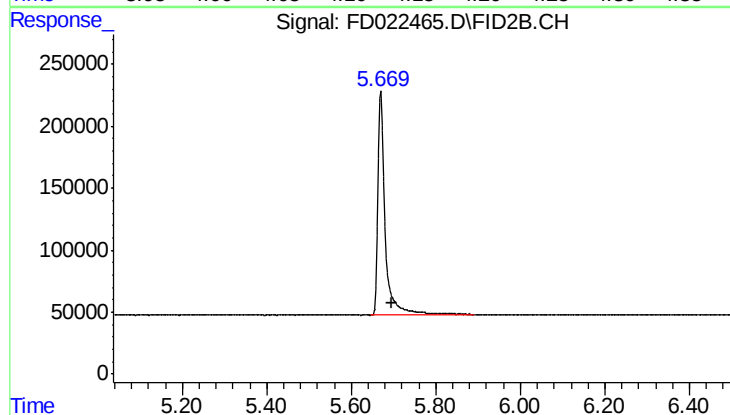
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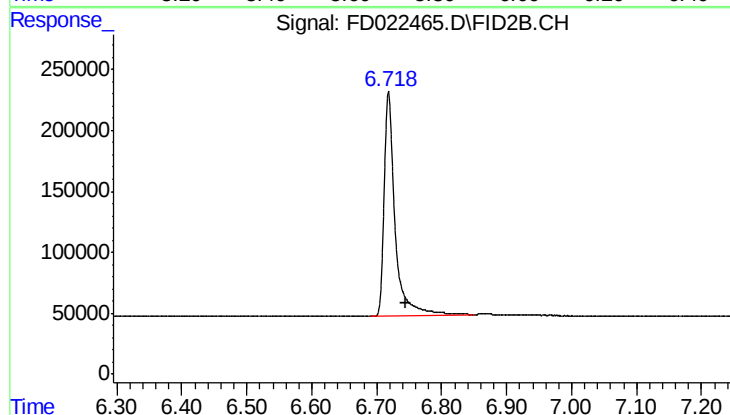
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.138 min
Delta R.T.: -0.022 min
Response: 2195748
Conc: 24.86 ug/ml



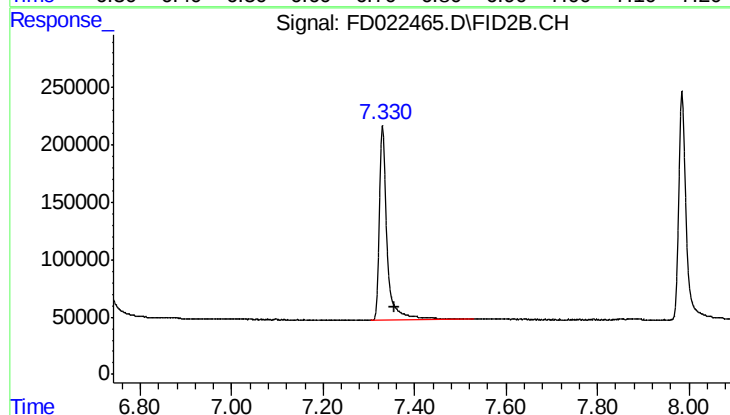
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.027 min
Response: 2180981
Conc: 24.38 ug/ml



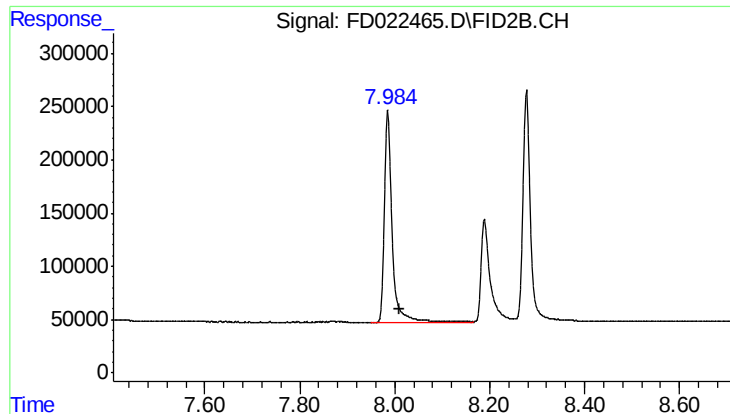
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.027 min
Response: 2149411
Conc: 23.67 ug/ml



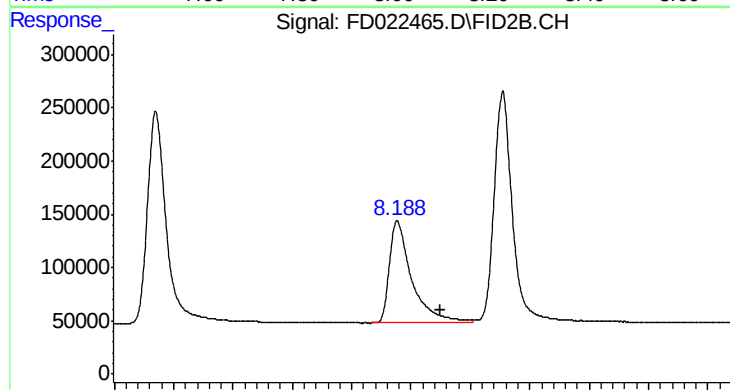
#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min
Delta R.T.: -0.025 min
Response: 1981018
Conc: 23.65 ug/ml



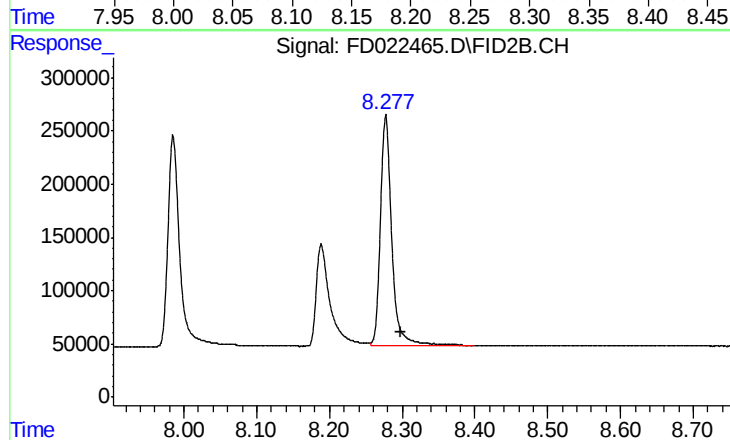
#5 Acenaphthylene (C15.06)

R.T.: 7.985 min
Delta R.T.: -0.024 min
Response: 2259648
Conc: 23.59 ug/ml



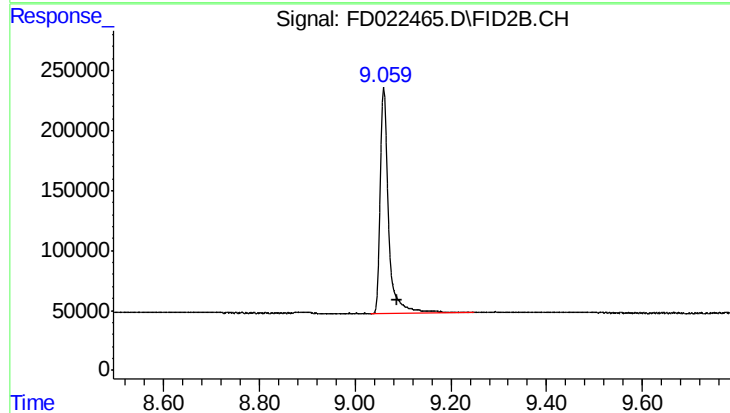
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.188 min
Delta R.T.: -0.037 min
Response: 1264980
Conc: 25.02 ug/ml m



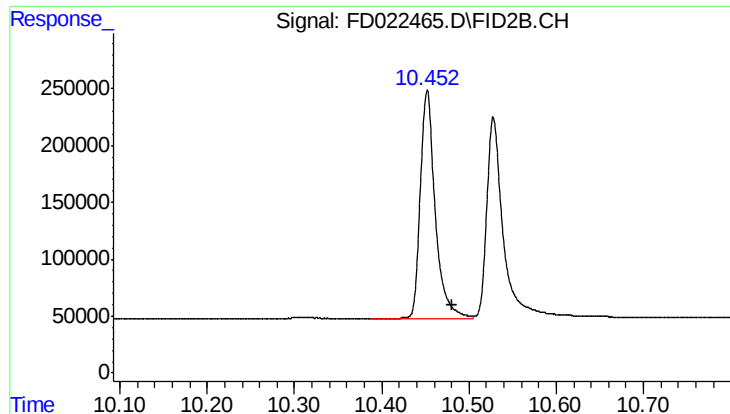
#7 Acenaphthene (C15.5)

R.T.: 8.277 min
Delta R.T.: -0.021 min
Response: 2311178
Conc: 22.56 ug/ml m



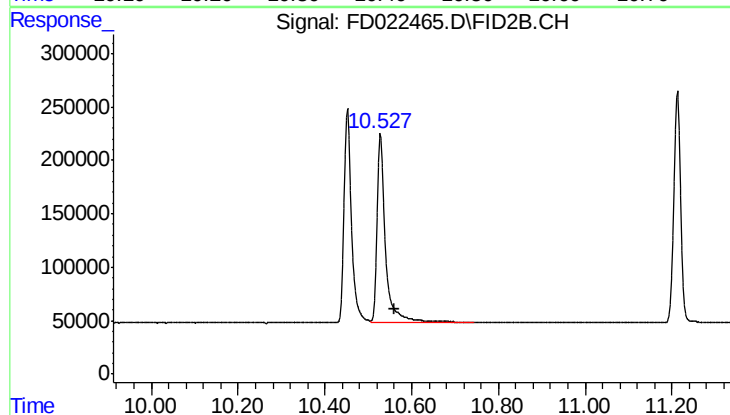
#8 Fluorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.027 min
Response: 2276915
Conc: 24.28 ug/ml



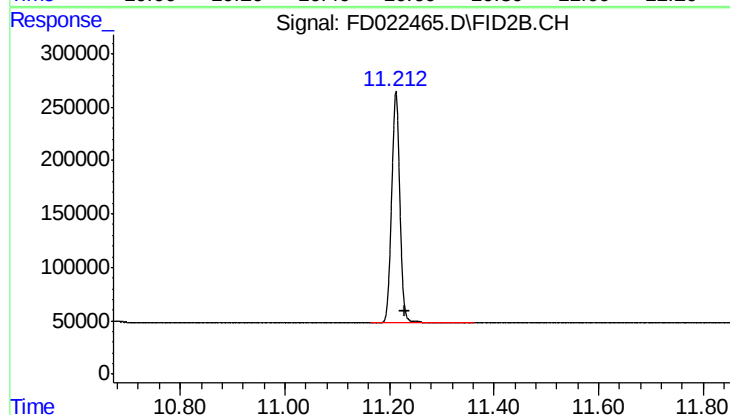
#9 Phenanthrene (C19.36)

R.T.: 10.452 min
Delta R.T.: -0.028 min
Response: 2372898
Conc: 25.47 ug/ml



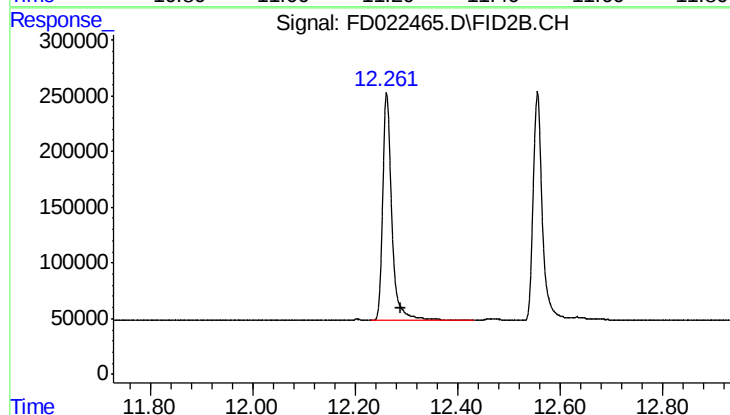
#10 Anthracene (C19.43)

R.T.: 10.528 min
Delta R.T.: -0.031 min
Response: 2383828
Conc: 25.14 ug/ml



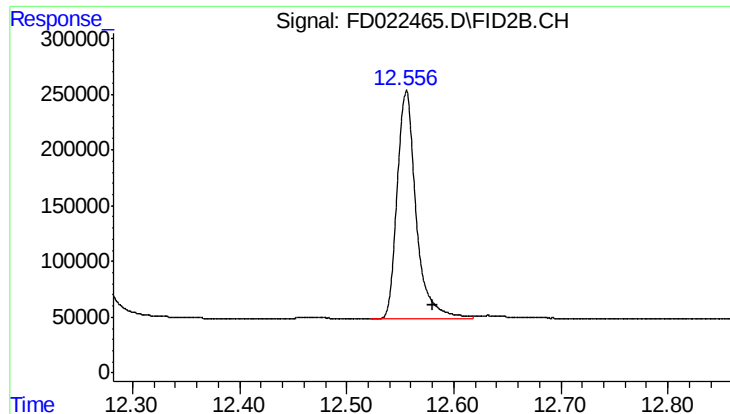
#11 ortho-Terphenyl (SURR)

R.T.: 11.213 min
Delta R.T.: -0.018 min
Response: 2359759
Conc: 24.87 ug/ml



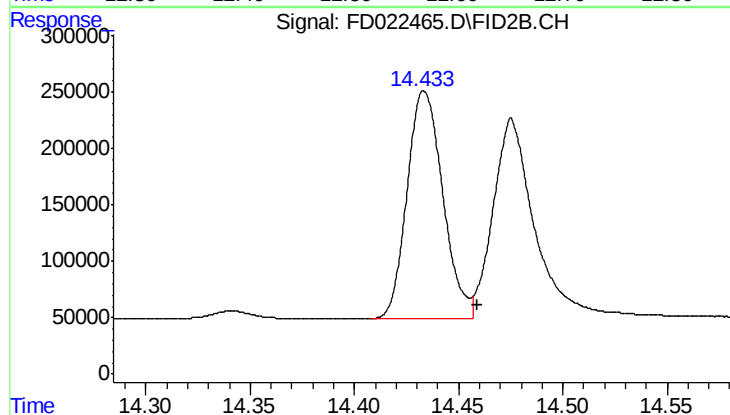
#12 Fluoranthene (C21.85)

R.T.: 12.262 min
Delta R.T.: -0.026 min
Response: 2528975
Conc: 25.21 ug/ml



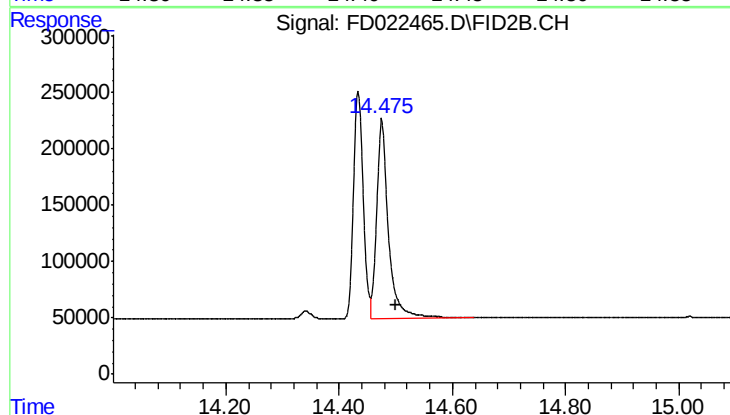
#13 Pyrene (C20.8)

R.T.: 12.556 min
Delta R.T.: -0.024 min
Response: 2524733
Conc: 24.85 ug/ml



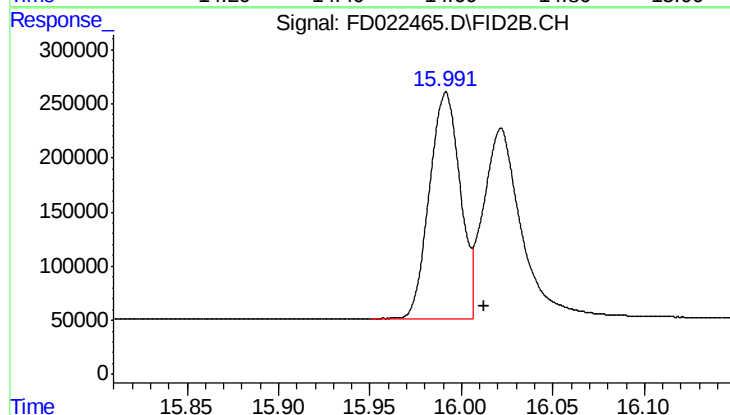
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: -0.027 min
Response: 2409174
Conc: 24.98 ug/ml m



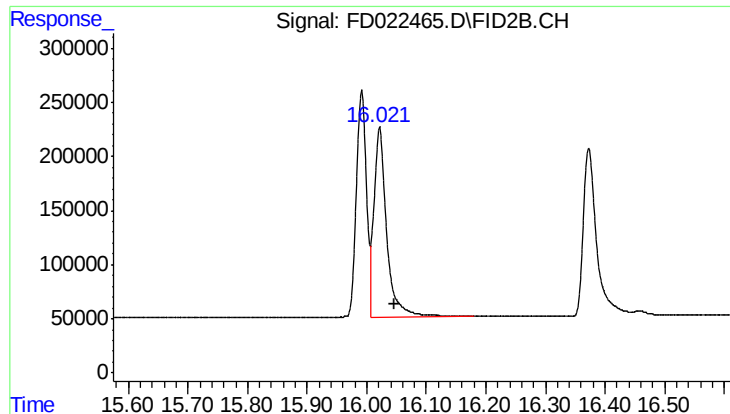
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: -0.025 min
Response: 2533347
Conc: 23.47 ug/ml



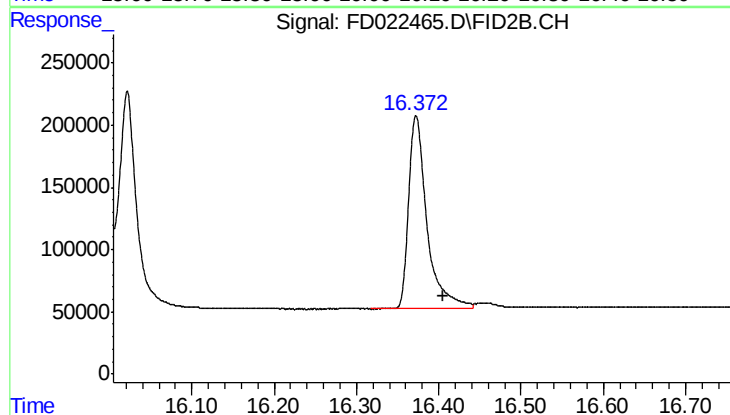
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.991 min
Delta R.T.: -0.021 min
Response: 2469828
Conc: 24.57 ug/ml m



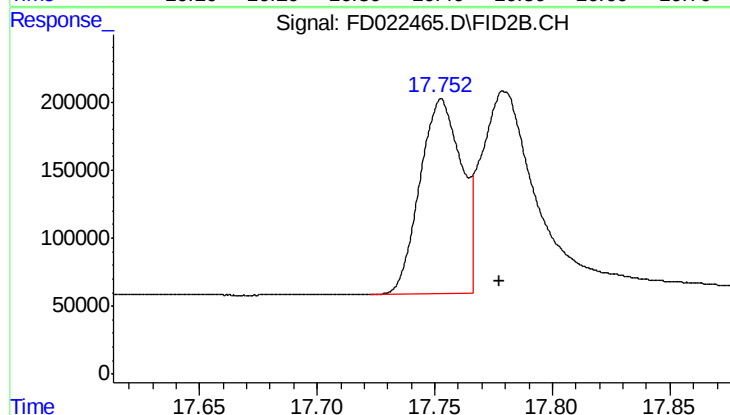
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min
Delta R.T.: -0.024 min
Response: 2619706
Conc: 23.09 ug/ml



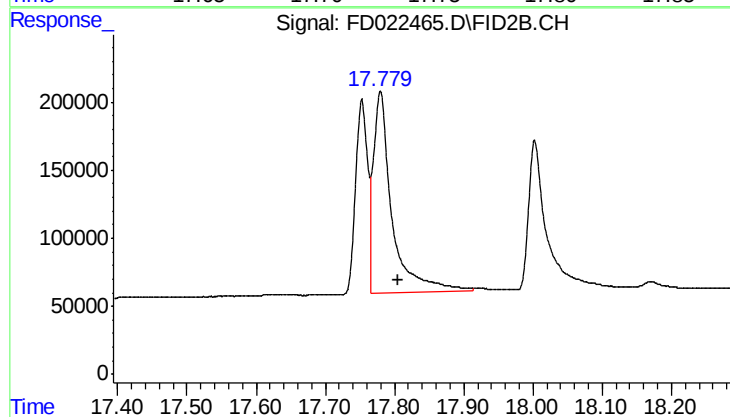
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.032 min
Response: 2395974
Conc: 22.80 ug/ml



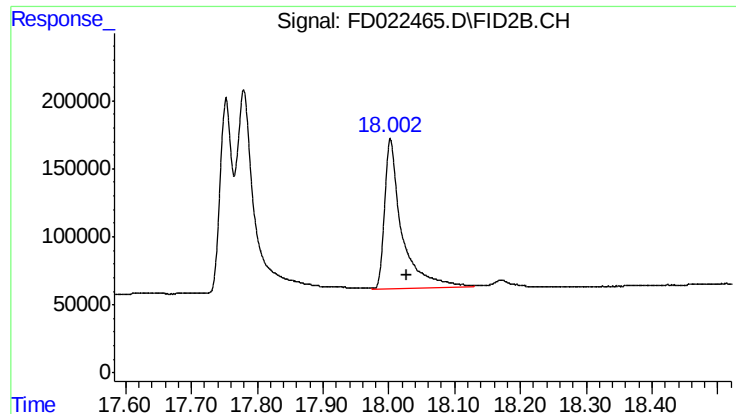
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: -0.025 min
Response: 1800503
Conc: 18.90 ug/ml m



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

R.T.: 17.780 min
Delta R.T.: -0.025 min
Response: 2841338
Conc: 25.00 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.025 min
Response: 1991081
Conc: 19.17 ug/ml