

Data Path : P:\HPCHEM1\FID D\Data\FD042018AR\
 Data File : FD023151.D
 Signal(s) : FID2B.CH
 Acq On : 20 Apr 2018 8:34
 Operator : UA/AJ
 Sample : J2407-01MSD
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 20 11:43:08 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 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...	7.287	5415949	39.936 ug/ml
Spiked Amount 50.000		Recovery =	79.87%
6) S 2-Fluorobiphenyl (SURR)	8.146	3390172	47.570 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.14%
11) S ortho-Terphenyl (SURR)	11.167	2919828	20.885 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.099	2891824	20.746 ug/ml
2) T Naphthalene (C11.7)	5.628	3331732	24.343 ug/ml
3) T 2-Methylnaphthalene (...)	6.677	3407896	24.965 ug/ml
5) T Acenaphthylene (C15.06)	7.943	3443935	23.563 ug/ml
7) T Acenaphthene (C15.5)	8.234	3806484	22.532 ug/ml
8) T Fluorene (C16.55)	9.017	3612062	25.224 ug/ml
9) T Phenanthrene (C19.36)	10.410	4341447	32.709 ug/ml
10) T Anthracene (C19.43)	10.488	3783733	27.042 ug/ml
12) T Fluoranthene (C21.85)	12.219	5474590	39.857 ug/ml
13) T Pyrene (C20.8)	12.512	5236694	37.098 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.434	5790297	46.608 ug/ml
15) T Chrysene (C27.41)	14.434	5790297	37.400 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.982	4405080	32.678 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	15.982	4405080	26.696 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.411	457670	3.175 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.741	4133472	31.853 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.741	4133472	24.849 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	17.964	4138586	27.923 ug/ml

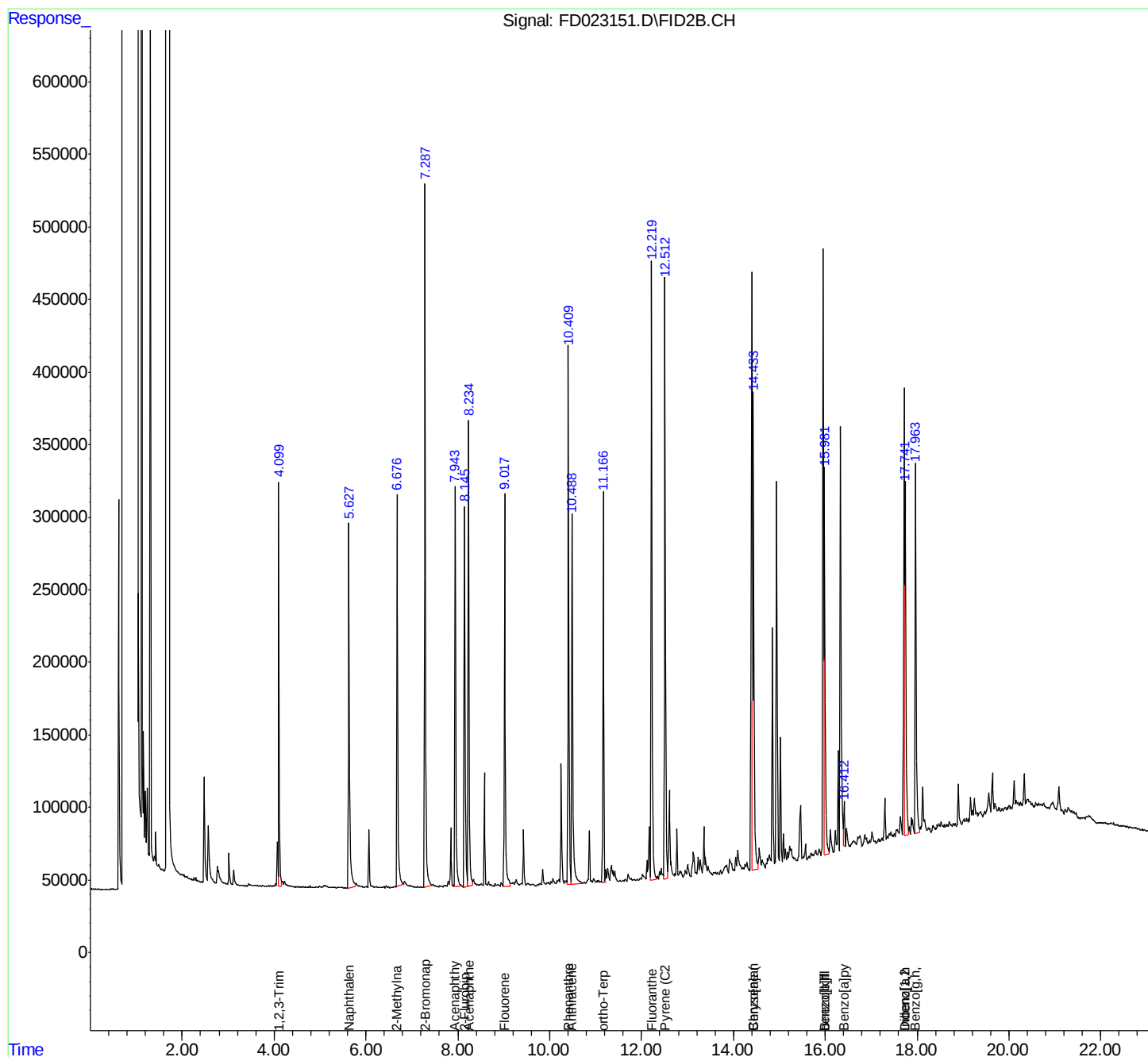
(f)=RT Delta > 1/2 Window

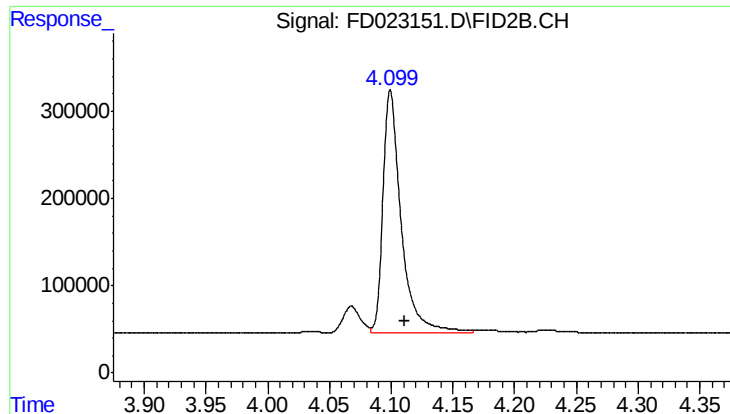
(m)=manual int.

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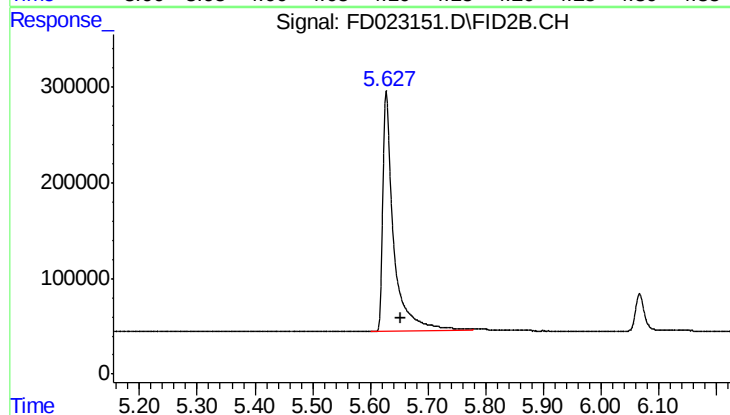
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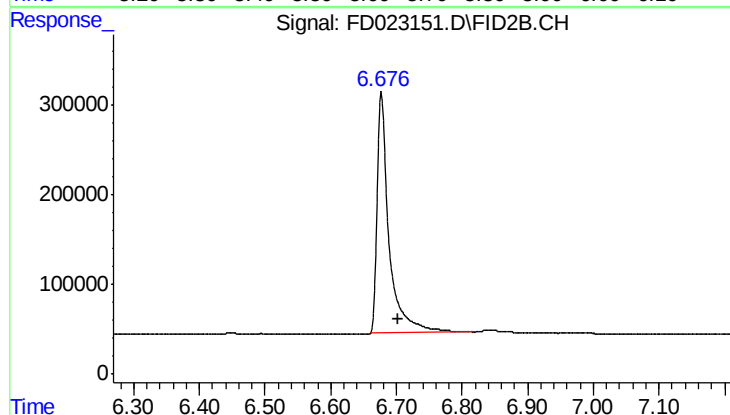
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.099 min
Delta R.T.: -0.011 min
Response: 2891824
Conc: 20.75 ug/ml



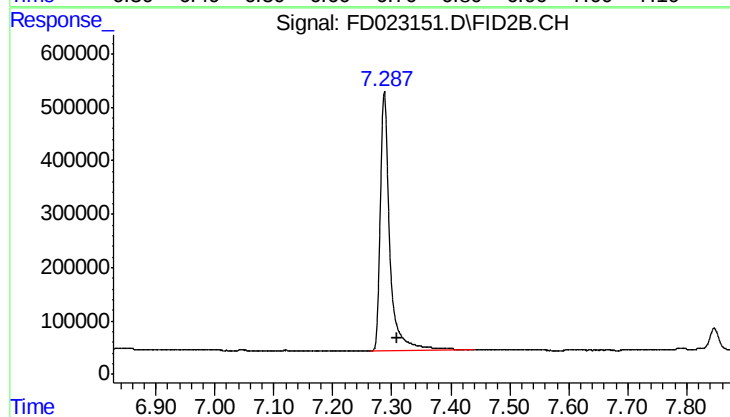
#2 Naphthalene (C11.7)

R.T.: 5.628 min
Delta R.T.: -0.025 min
Response: 3331732
Conc: 24.34 ug/ml



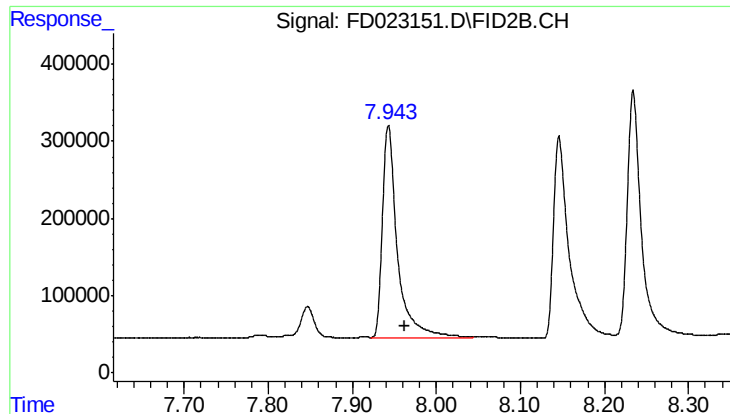
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.677 min
Delta R.T.: -0.025 min
Response: 3407896
Conc: 24.97 ug/ml



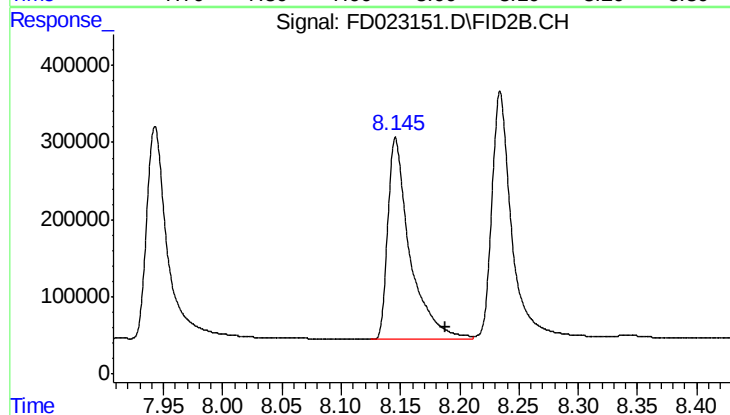
#4 2-Bromonaphthalene (SURR)

R.T.: 7.287 min
Delta R.T.: -0.022 min
Response: 5415949
Conc: 39.94 ug/ml



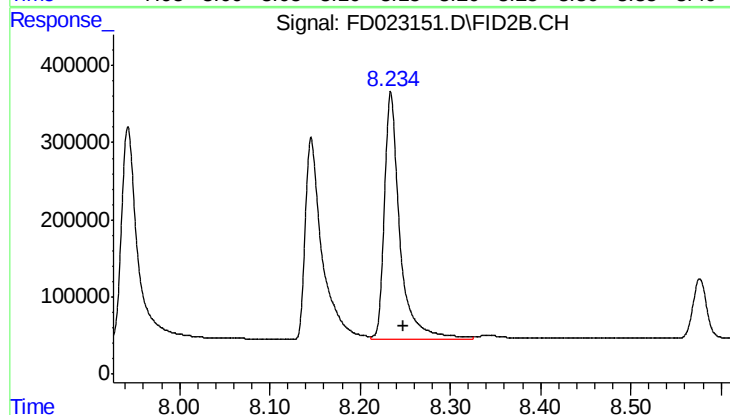
#5 Acenaphthylene (C15.06)

R.T.: 7.943 min
Delta R.T.: -0.020 min
Response: 3443935
Conc: 23.56 ug/ml



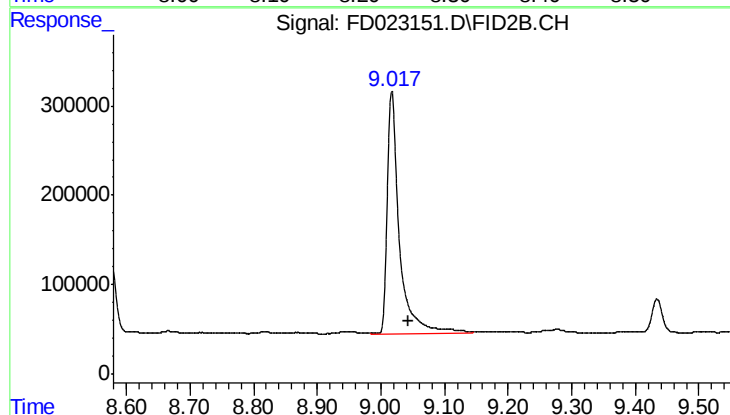
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.146 min
Delta R.T.: -0.042 min
Response: 3390172
Conc: 47.57 ug/ml



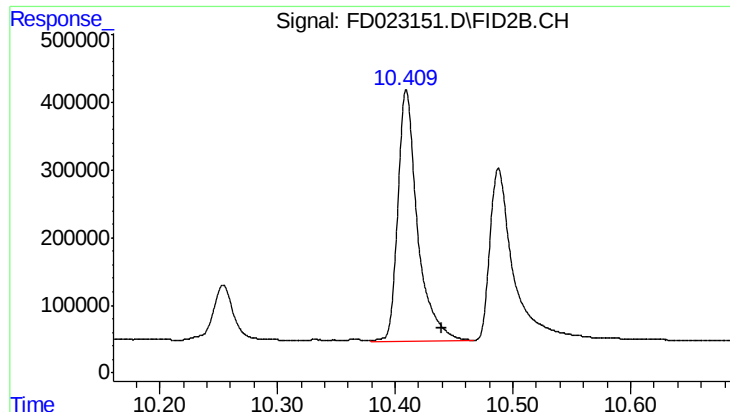
#7 Acenaphthene (C15.5)

R.T.: 8.234 min
Delta R.T.: -0.014 min
Response: 3806484
Conc: 22.53 ug/ml



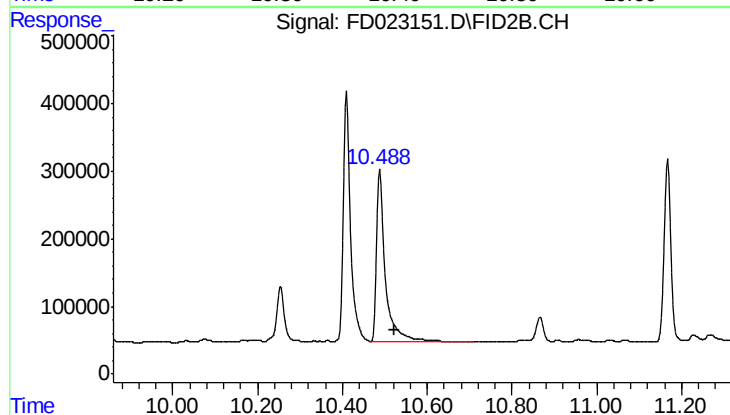
#8 Fluorene (C16.55)

R.T.: 9.017 min
Delta R.T.: -0.027 min
Response: 3612062
Conc: 25.22 ug/ml



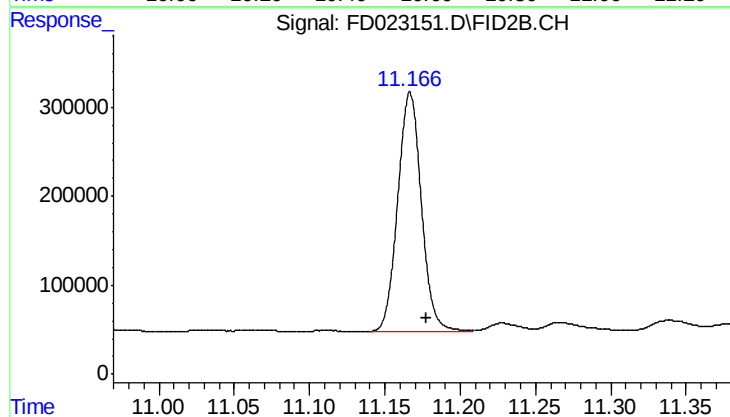
#9 Phenanthrene (C19.36)

R.T.: 10.410 min
Delta R.T.: -0.029 min
Response: 4341447
Conc: 32.71 ug/ml



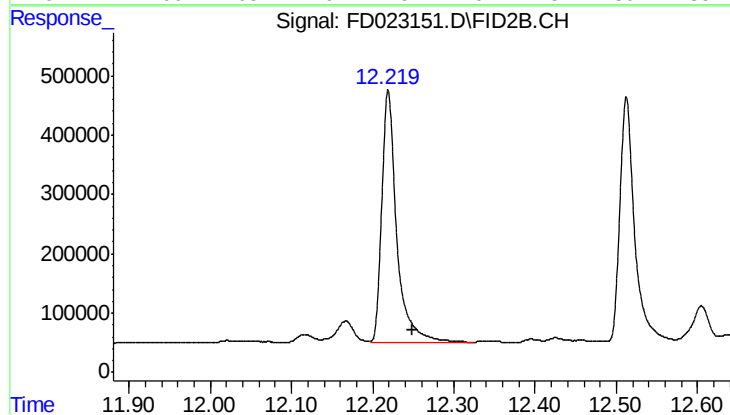
#10 Anthracene (C19.43)

R.T.: 10.488 min
Delta R.T.: -0.035 min
Response: 3783733
Conc: 27.04 ug/ml



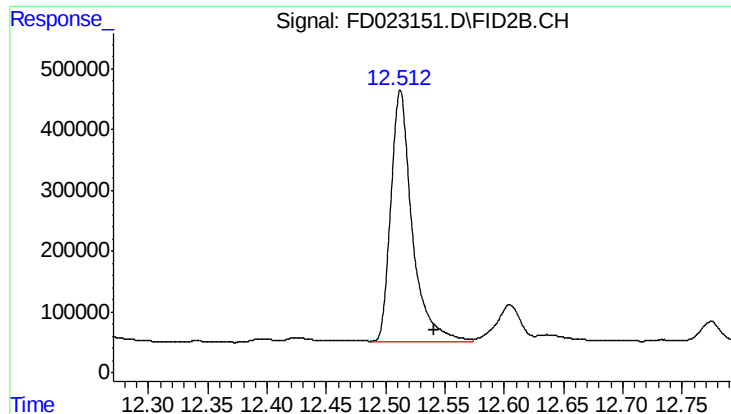
#11 ortho-Terphenyl (SURR)

R.T.: 11.167 min
Delta R.T.: -0.011 min
Response: 2919828
Conc: 20.88 ug/ml



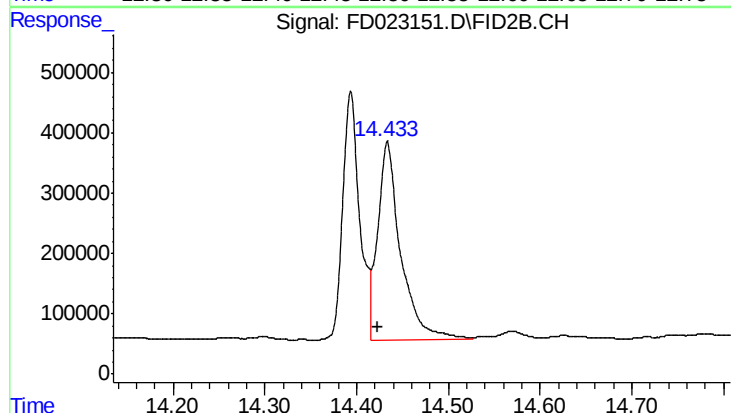
#12 Fluoranthene (C21.85)

R.T.: 12.219 min
Delta R.T.: -0.030 min
Response: 5474590
Conc: 39.86 ug/ml



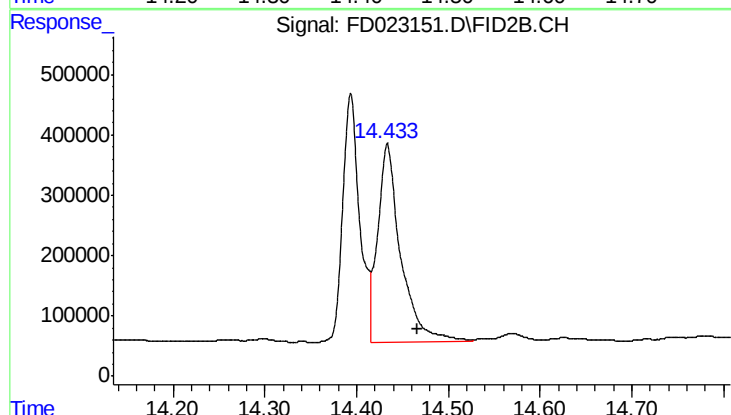
#13 Pyrene (C20.8)

R.T.: 12.512 min
Delta R.T.: -0.028 min
Response: 5236694
Conc: 37.10 ug/ml



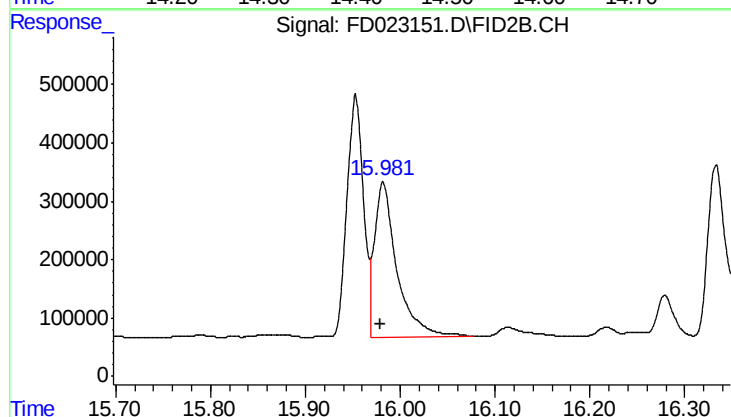
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.011 min
Response: 5790297
Conc: 46.61 ug/ml



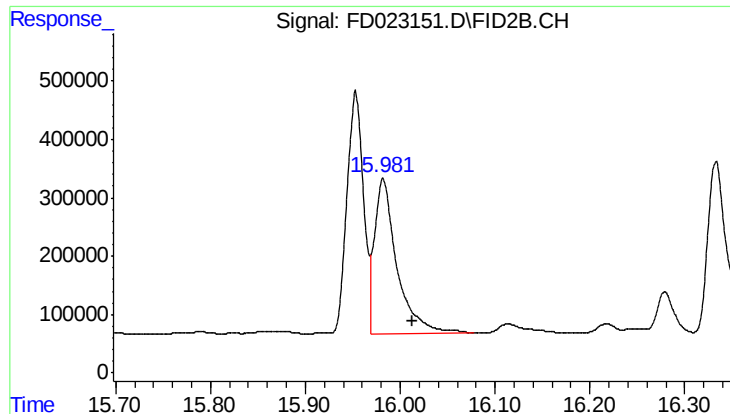
#15 Chrysene (C27.41)

R.T.: 14.434 min
Delta R.T.: -0.033 min
Response: 5790297
Conc: 37.40 ug/ml



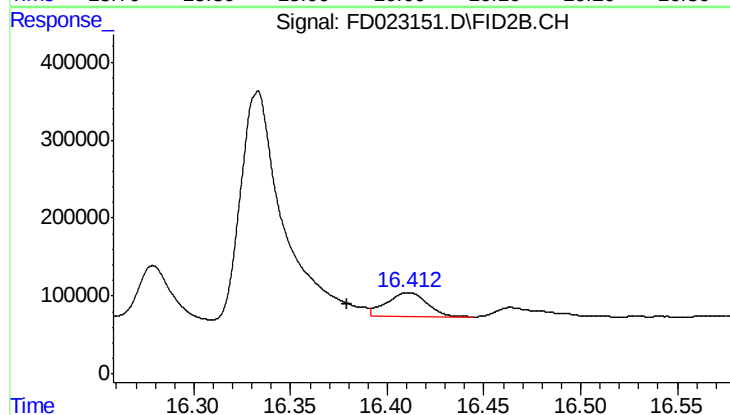
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.982 min
Delta R.T.: 0.004 min
Response: 4405080
Conc: 32.68 ug/ml



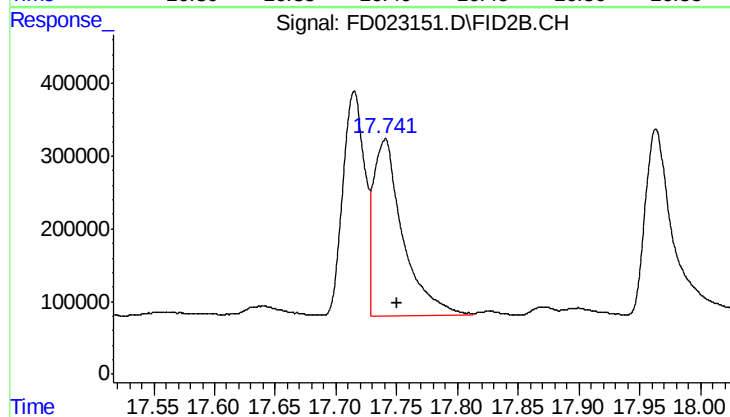
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.982 min
Delta R.T.: -0.031 min
Response: 4405080
Conc: 26.70 ug/ml



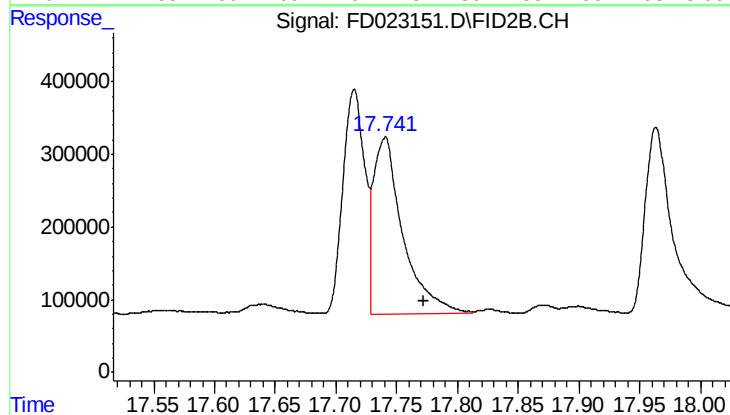
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.411 min
Delta R.T.: 0.032 min
Response: 457670
Conc: 3.17 ug/ml



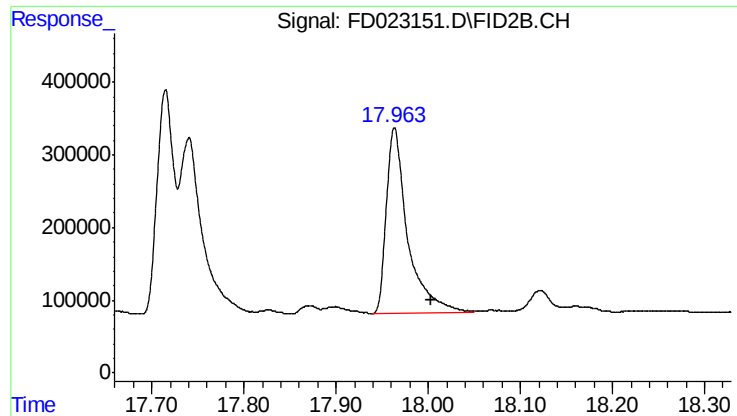
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: -0.010 min
Response: 4133472
Conc: 31.85 ug/ml



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

R.T.: 17.741 min
Delta R.T.: -0.032 min
Response: 4133472
Conc: 24.85 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.040 min
Response: 4138586
Conc: 27.92 ug/ml