

Data Path : P:\HPCHEM1\FID D\Data\FD030818AR\
 Data File : FD022417.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2018 10:55
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 08 11:30:40 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...	7.333	1562512	18.651 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
6) S 2-Fluorobiphenyl (SURR)	8.192	1020359	20.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.36%
11) S ortho-Terphenyl (SURR)	11.216	1951302	20.561 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.140	985512	11.160 ug/ml
2) T Naphthalene (C11.7)	5.672	1684130	18.827 ug/ml
3) T 2-Methylnaphthalene (...)	6.721	1688646	18.593 ug/ml
5) T Acenaphthylene (C15.06)	7.988	1845353	19.269 ug/ml
7) T Acenaphthene (C15.5)	8.280	1970908	19.240 ug/ml
8) T Fluorene (C16.55)	9.063	1879189	20.041 ug/ml
9) T Phenanthrene (C19.36)	10.455	1952118	20.952 ug/ml
10) T Anthracene (C19.43)	10.531	1977593	20.855 ug/ml
12) T Fluoranthene (C21.85)	12.265	2086211	20.799 ug/ml
13) T Pyrene (C20.8)	12.559	2079398	20.467 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.480	2093482	21.710 ug/ml
15) T Chrysene (C27.41)	14.480	2093482	19.397 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.024	2172779	21.613 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.024	2172779	19.148 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.376	2003120	19.061 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.784	2349709	24.663 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.784	2349709	20.677 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.006	1748518	16.835 ug/ml

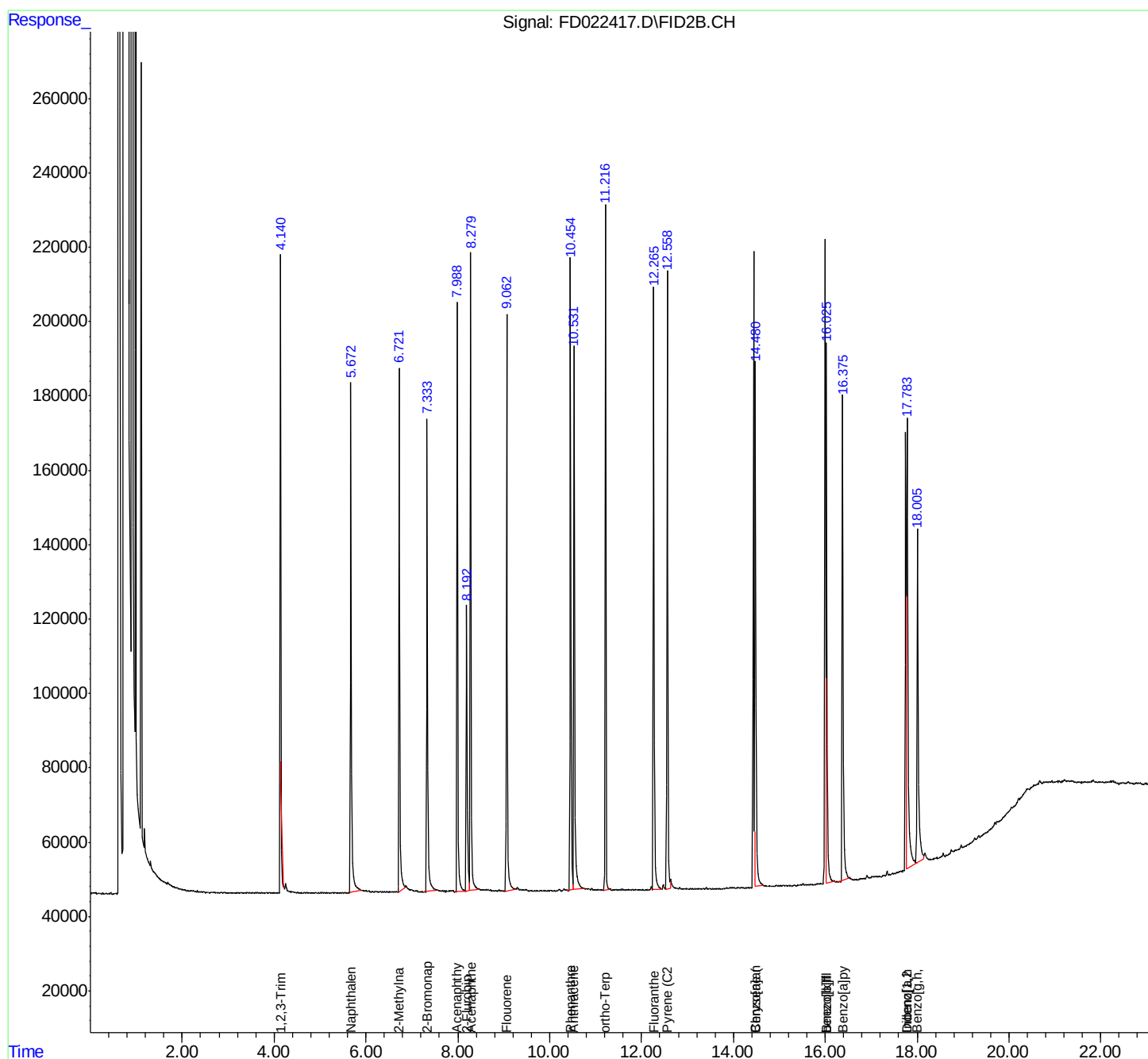
(f)=RT Delta > 1/2 Window

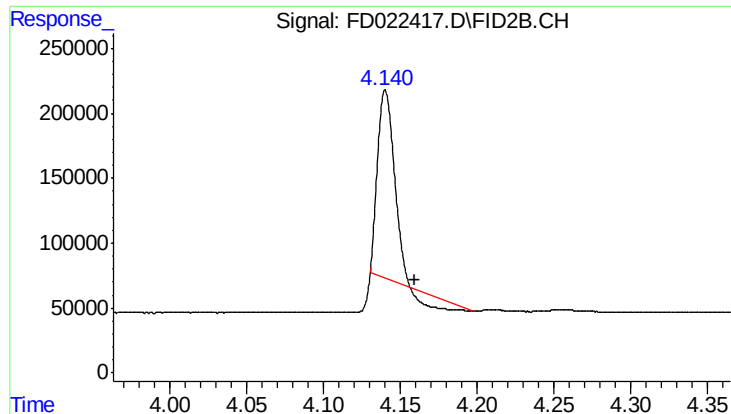
(m)=manual int.

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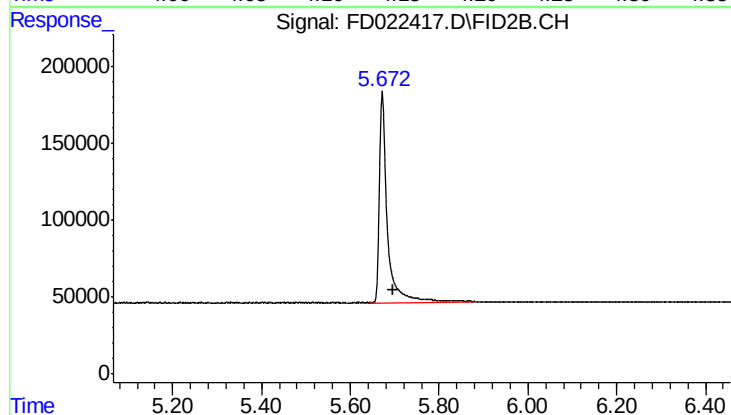
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Signal Info : 20M x 0.18mm x 0.18µm





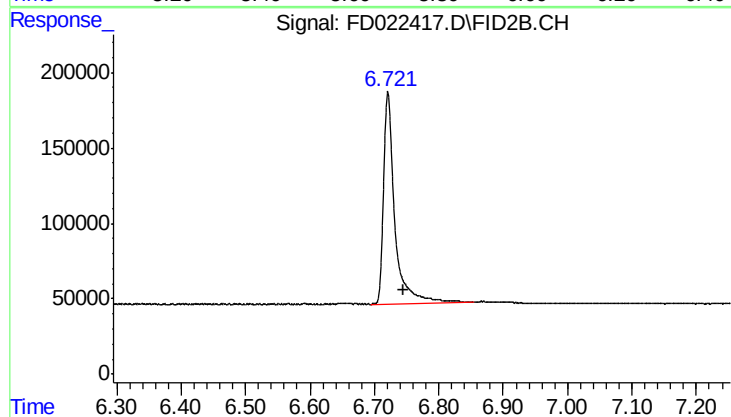
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.140 min
Delta R.T.: -0.019 min
Response: 985512
Conc: 11.16 ug/ml



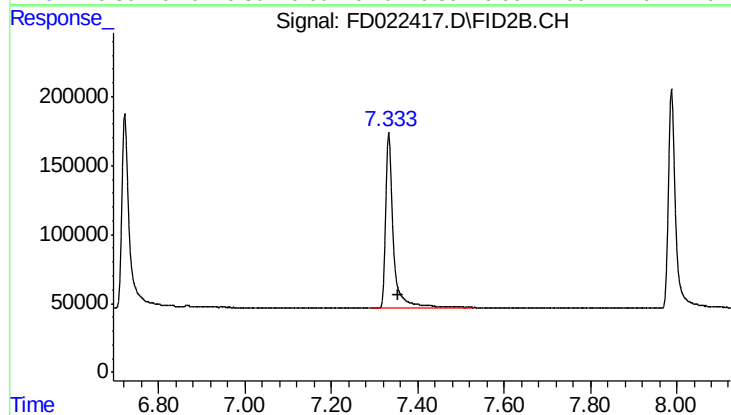
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.024 min
Response: 1684130
Conc: 18.83 ug/ml



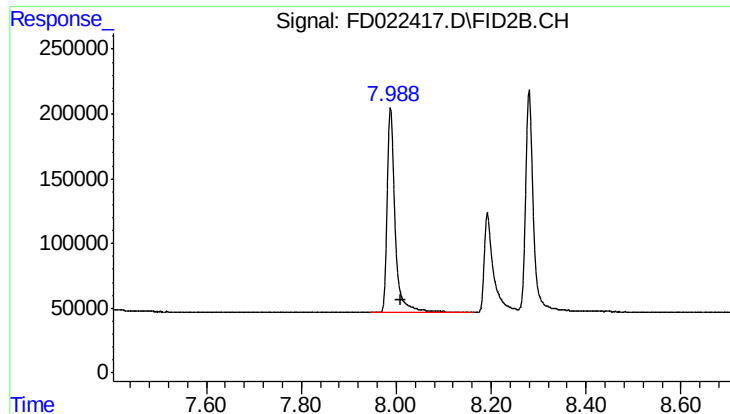
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.024 min
Response: 1688646
Conc: 18.59 ug/ml



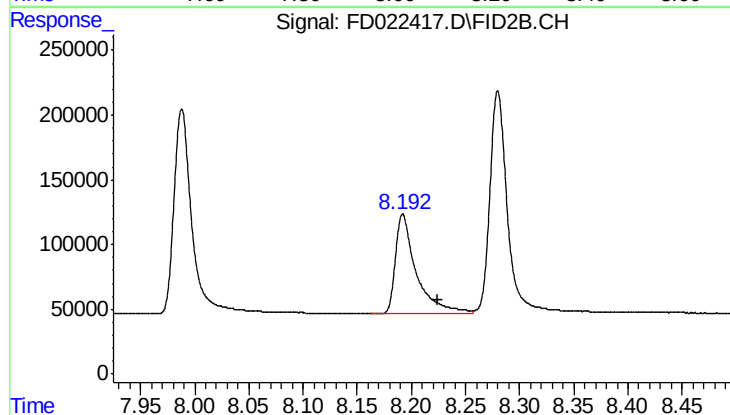
#4 2-Bromonaphthalene (SURR)

R.T.: 7.333 min
Delta R.T.: -0.022 min
Response: 1562512
Conc: 18.65 ug/ml



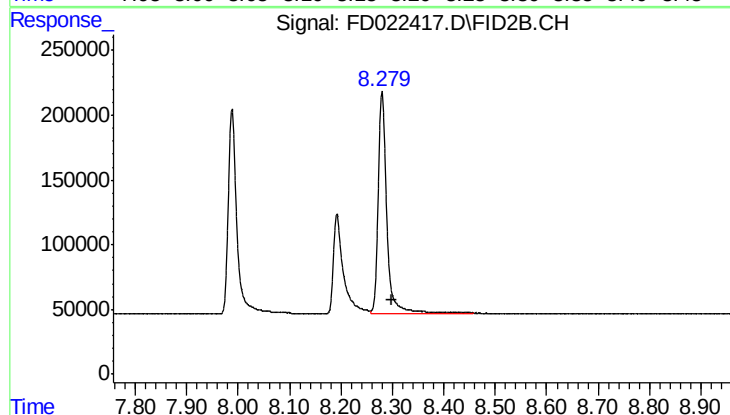
#5 Acenaphthylene (C15.06)

R.T.: 7.988 min
Delta R.T.: -0.021 min
Response: 1845353
Conc: 19.27 ug/ml



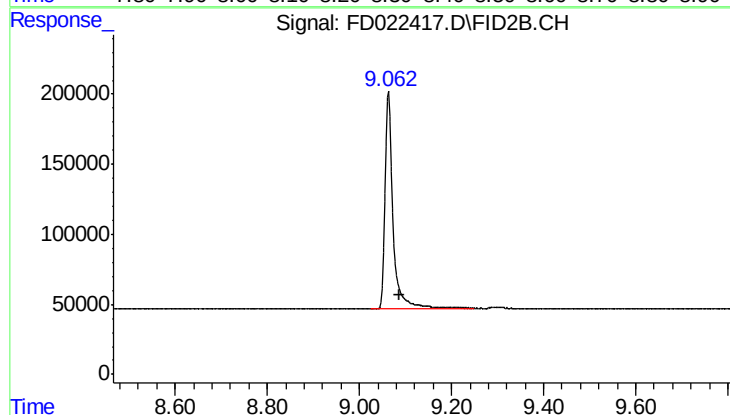
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.192 min
Delta R.T.: -0.032 min
Response: 1020359
Conc: 20.18 ug/ml



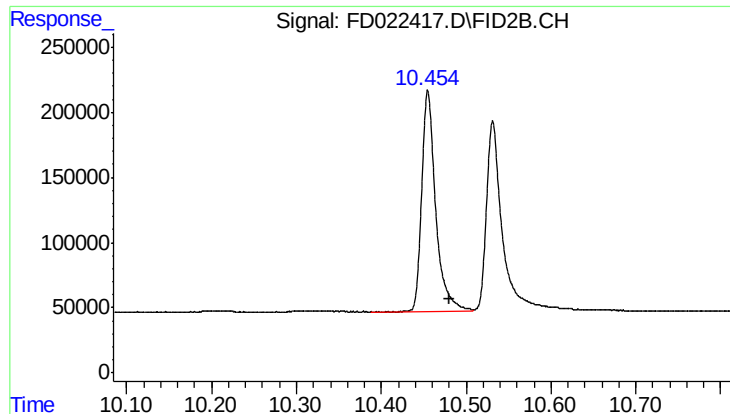
#7 Acenaphthene (C15.5)

R.T.: 8.280 min
Delta R.T.: -0.019 min
Response: 1970908
Conc: 19.24 ug/ml



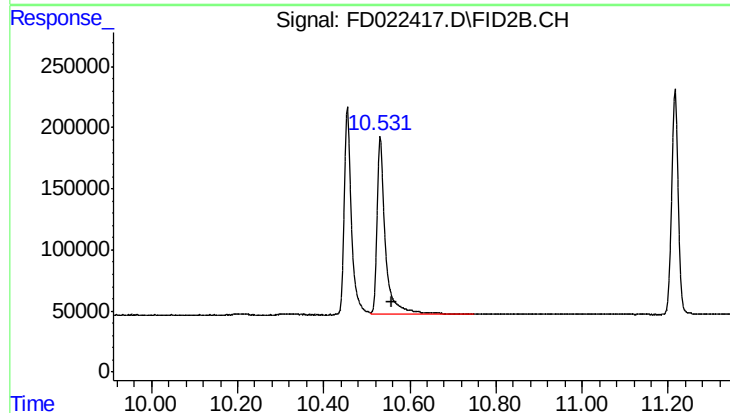
#8 Fluorene (C16.55)

R.T.: 9.063 min
Delta R.T.: -0.024 min
Response: 1879189
Conc: 20.04 ug/ml



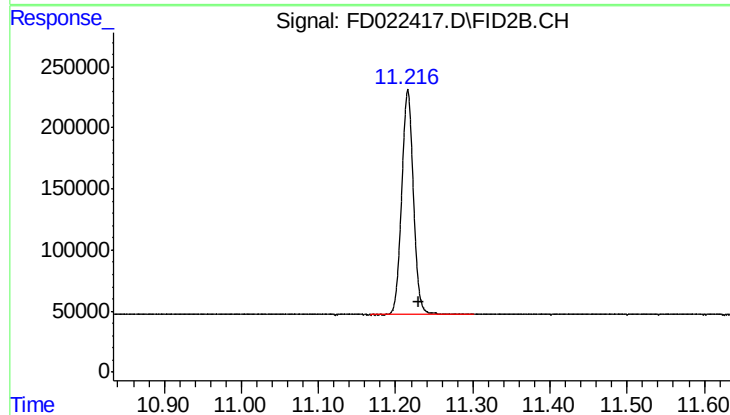
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: -0.025 min
Response: 1952118
Conc: 20.95 ug/ml



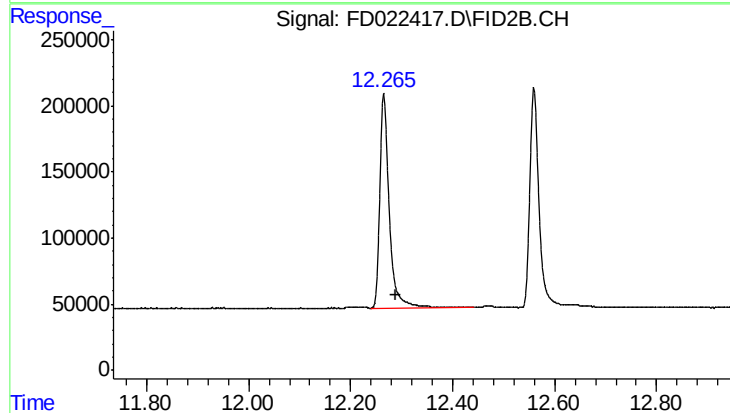
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.028 min
Response: 1977593
Conc: 20.85 ug/ml



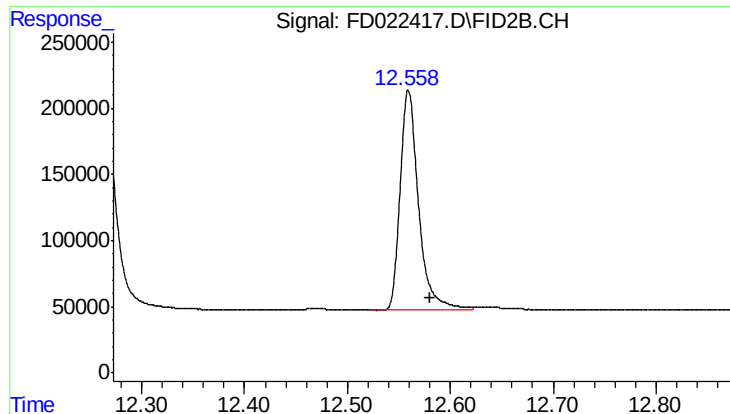
#11 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.015 min
Response: 1951302
Conc: 20.56 ug/ml



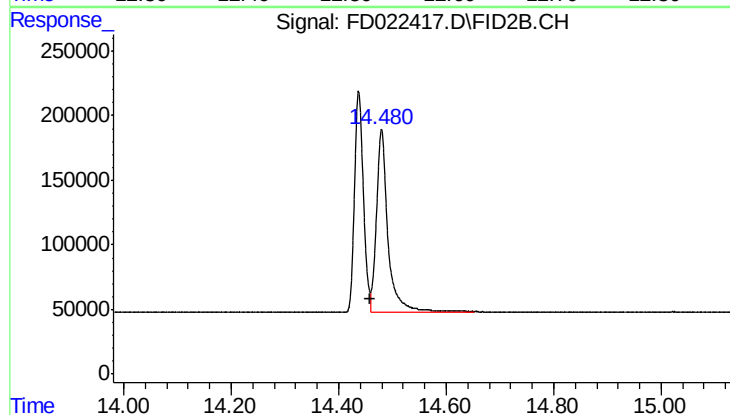
#12 Fluoranthene (C21.85)

R.T.: 12.265 min
Delta R.T.: -0.023 min
Response: 2086211
Conc: 20.80 ug/ml



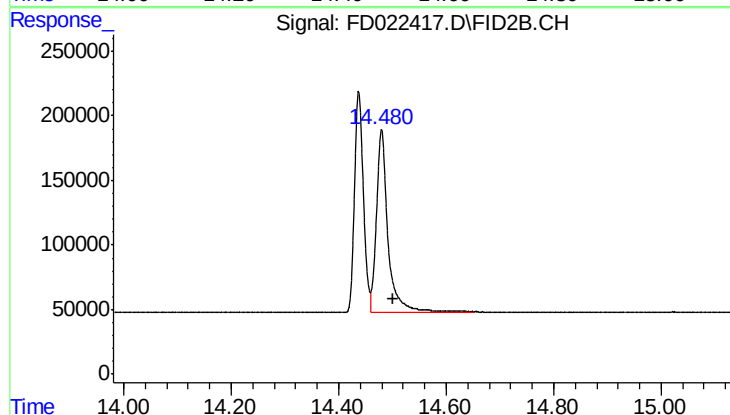
#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.021 min
Response: 2079398
Conc: 20.47 ug/ml



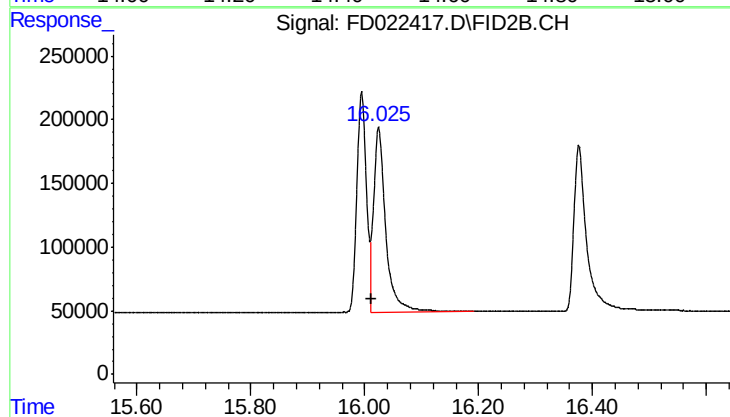
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.480 min
Delta R.T.: 0.021 min
Response: 2093482
Conc: 21.71 ug/ml



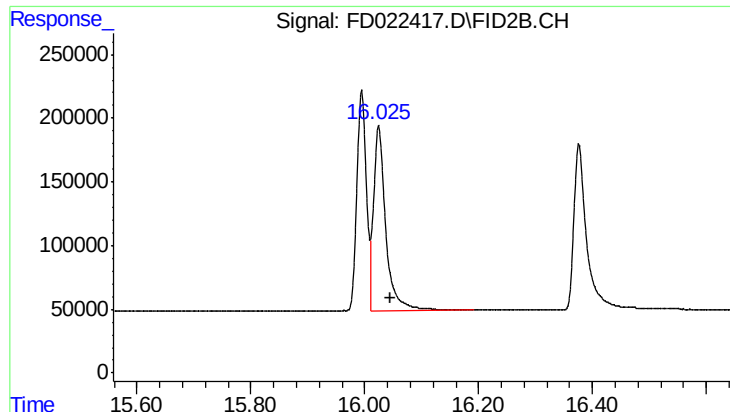
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: -0.020 min
Response: 2093482
Conc: 19.40 ug/ml



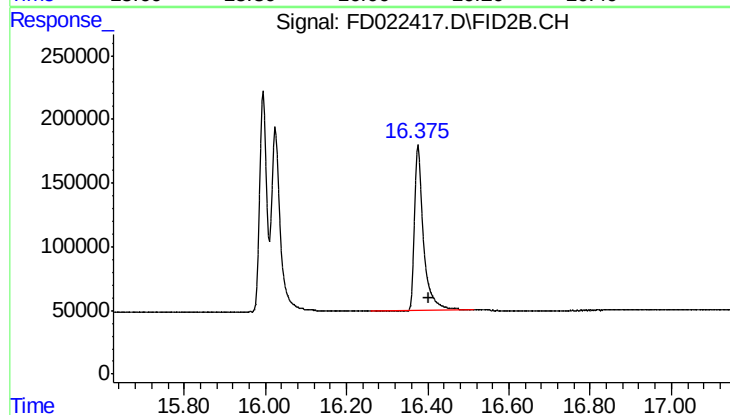
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.024 min
Delta R.T.: 0.012 min
Response: 2172779
Conc: 21.61 ug/ml



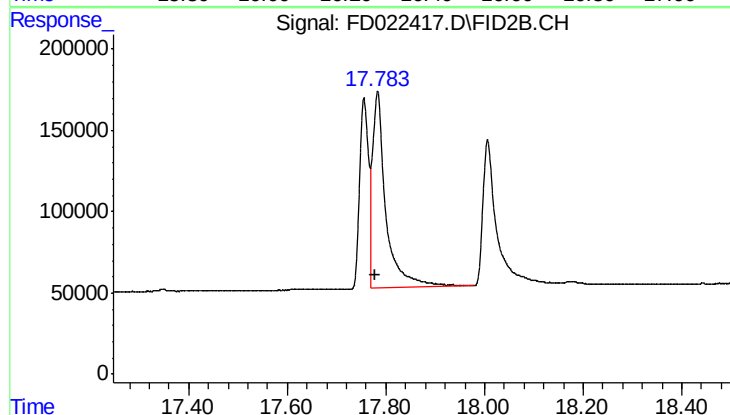
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: -0.021 min
Response: 2172779
Conc: 19.15 ug/ml



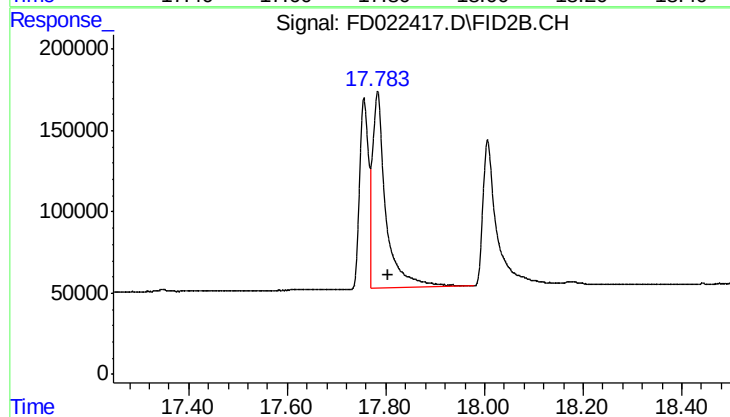
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: -0.028 min
Response: 2003120
Conc: 19.06 ug/ml



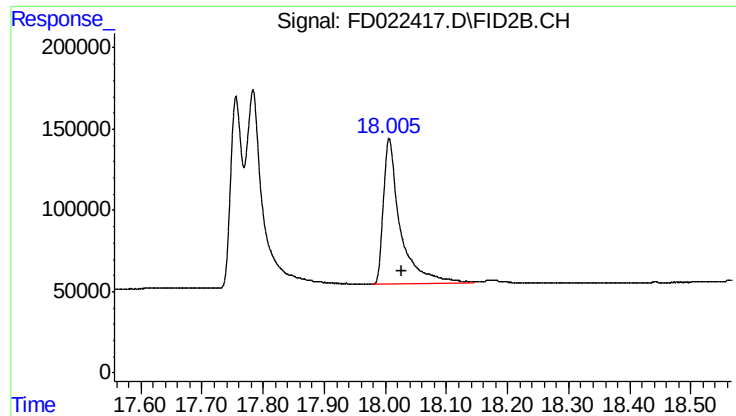
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.784 min
Delta R.T.: 0.006 min
Response: 2349709
Conc: 24.66 ug/ml



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

R.T.: 17.784 min
Delta R.T.: -0.021 min
Response: 2349709
Conc: 20.68 ug/ml



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

R.T.: 18.006 min
Delta R.T.: -0.022 min
Response: 1748518
Conc: 16.83 ug/ml