

Data Path : P:\HPCHEM1\FID D\Data\FD052118AR\
 Data File : FD023782.D
 Signal(s) : FID2B.CH
 Acq On : 22 May 2018 4:22
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 22 17:08:33 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Tue May 22 10:27:34 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...	7.509	1604246	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
6) S 2-Fluorobiphenyl (SURR)	8.366	1140088	19.981 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.415	1853534	19.934 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	1750643	20.182 ug/ml
2) T Naphthalene (C11.7)	5.843	1841572	20.023 ug/ml
3) T 2-Methylnaphthalene (...)	6.896	1805884	19.940 ug/ml
5) T Acenaphthylene (C15.06)	8.170	1768867	19.958 ug/ml
7) T Acenaphthene (C15.5)	8.465	1852342	19.969 ug/ml
8) T Fluorene (C16.55)	9.246	1865842	19.966 ug/ml
9) T Phenanthrene (C19.36)	10.641	1952562	19.939 ug/ml
10) T Anthracene (C19.43)	10.715	1942058	19.926 ug/ml
12) T Fluoranthene (C21.85)	12.450	2034948	19.905 ug/ml
13) T Pyrene (C20.8)	12.747	2052880	19.847 ug/ml
14) T Benzo[alanthracene (C...	14.619	1993544	19.775 ug/ml
15) T Chrysene (C27.41)	14.662	2023458	19.852 ug/ml
16) T benzo[blfluoranthene ...	16.168	1988140	19.689 ug/ml
17) T Bnezo[klfluoranthene ...	16.201	2015884	19.679 ug/ml
18) T Benzo[alpyrene (C31.34)	16.545	1927097	19.568 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	1457633	17.749 ug/ml
20) T Dibenz[fa,h]anthracene...	17.950	1684911	18.710 ug/ml
21) T Benzo[ga,h,i]pervlene ...	18.159	1430087	17.157 ug/ml

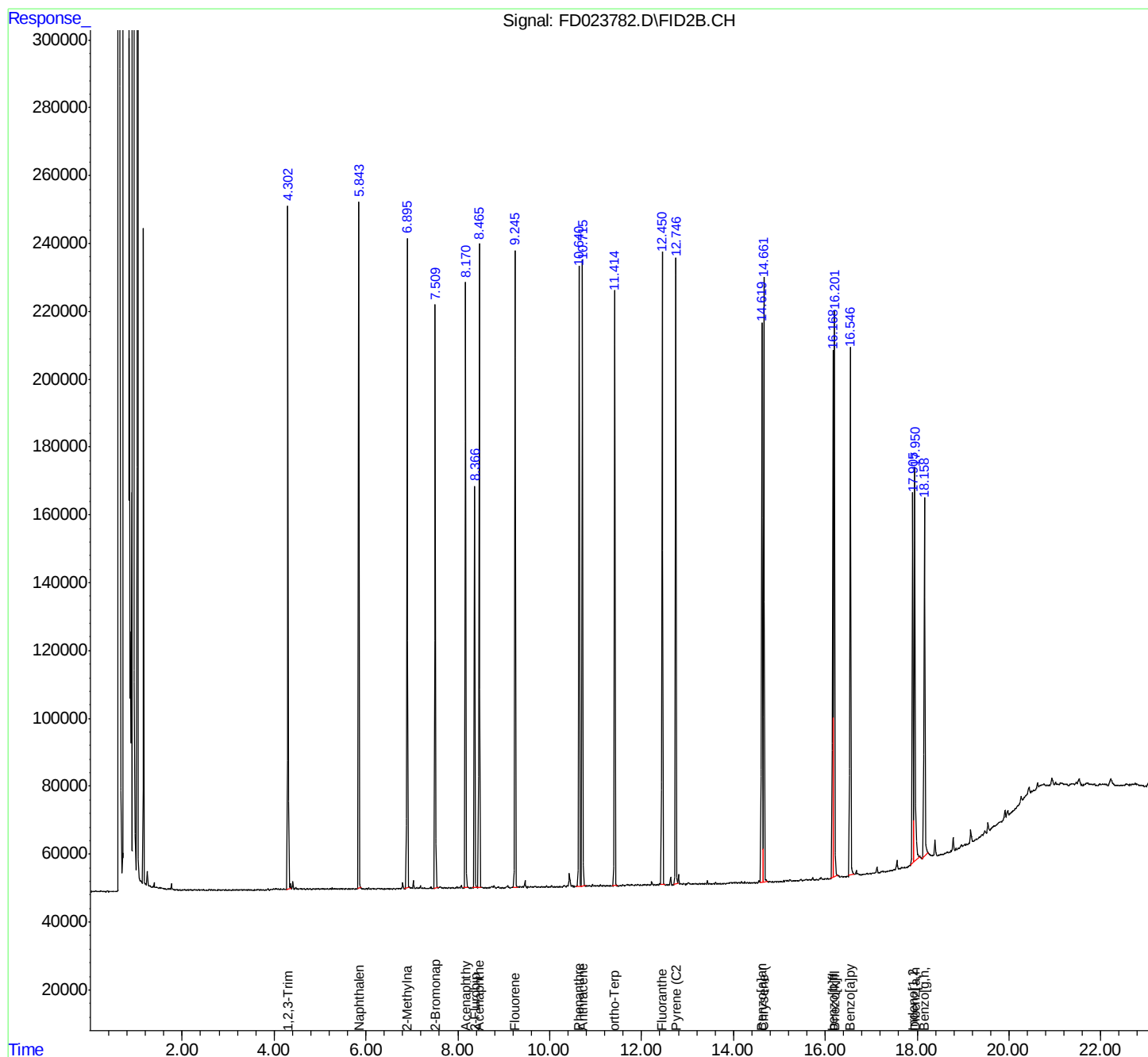
(f)=RT Delta > 1/2 Window

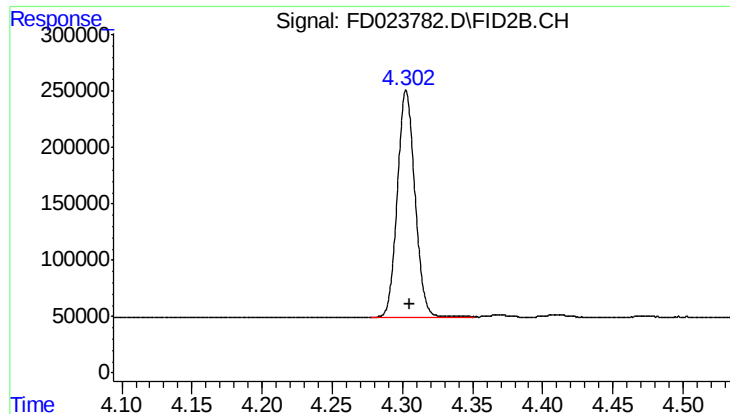
(m)=manual int.

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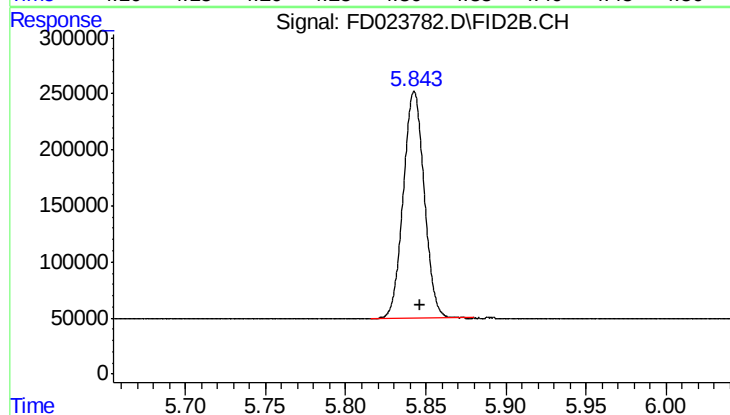
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Signal Info : 20M x 0.18mm x 0.18µm





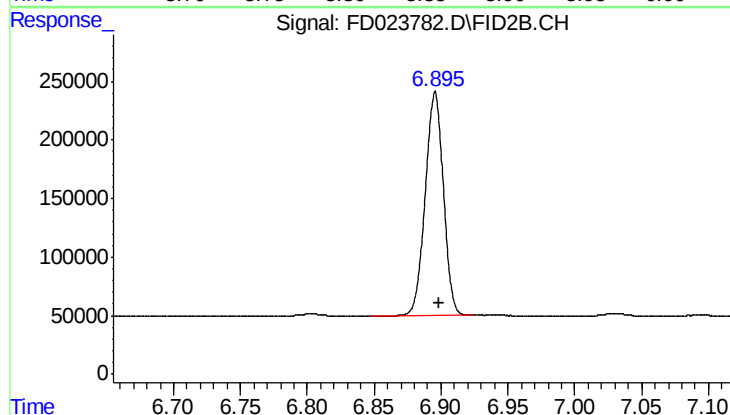
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 1750643
Conc: 20.18 ug/ml



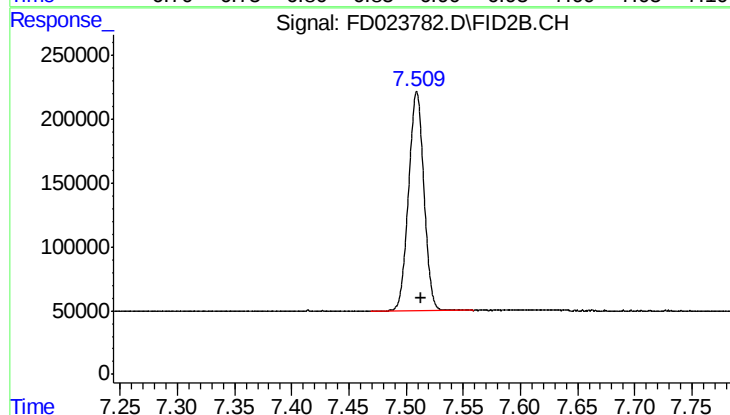
#2 Naphthalene (C11.7)

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 1841572
Conc: 20.02 ug/ml



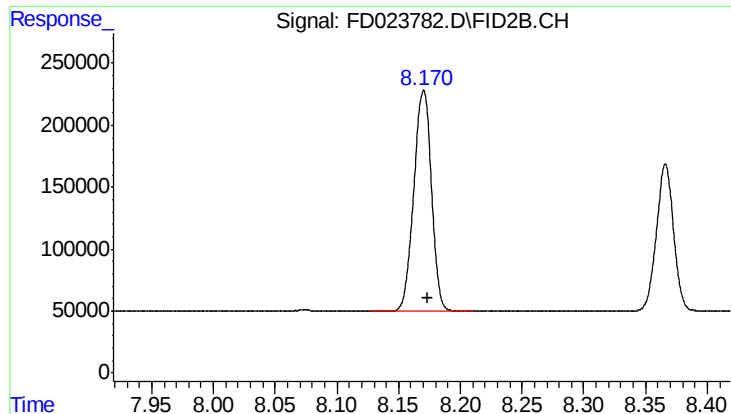
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.896 min
Delta R.T.: -0.003 min
Response: 1805884
Conc: 19.94 ug/ml



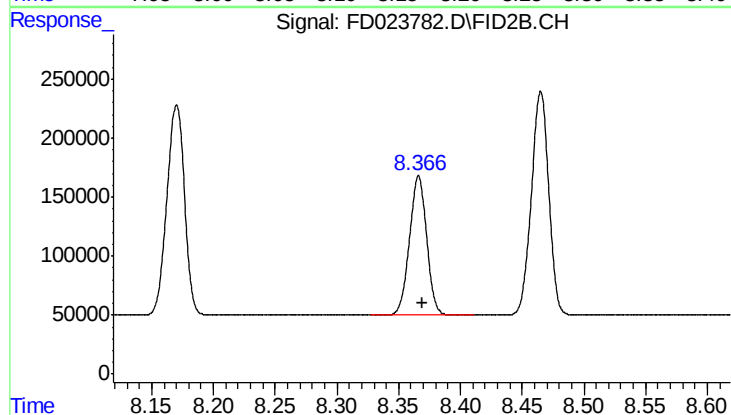
#4 2-Bromonaphthalene (SURR)

R.T.: 7.509 min
Delta R.T.: -0.004 min
Response: 1604246
Conc: 19.98 ug/ml



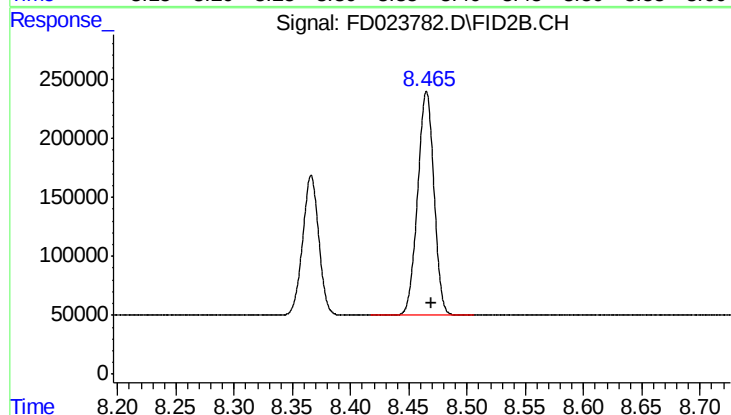
#5 Acenaphthylene (C15.06)

R.T.: 8.170 min
Delta R.T.: -0.003 min
Response: 1768867
Conc: 19.96 ug/ml



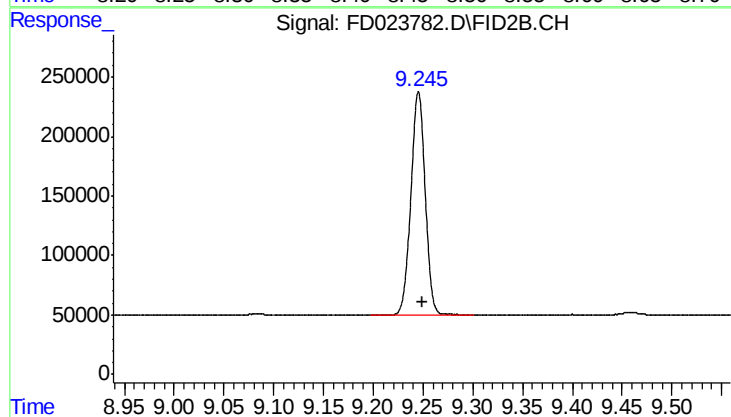
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.366 min
Delta R.T.: -0.003 min
Response: 1140088
Conc: 19.98 ug/ml



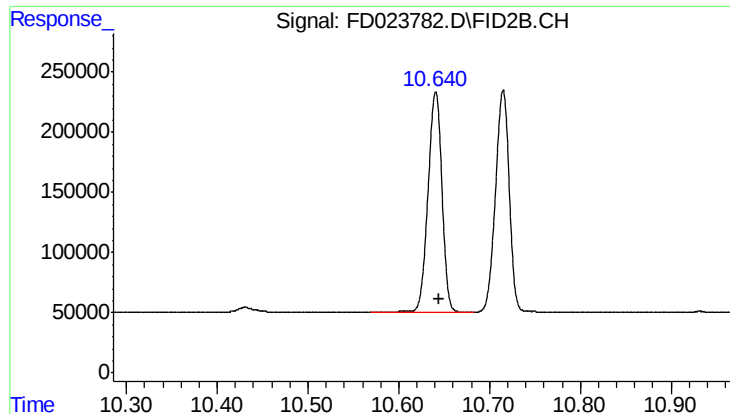
#7 Acenaphthene (C15.5)

R.T.: 8.465 min
Delta R.T.: -0.004 min
Response: 1852342
Conc: 19.97 ug/ml



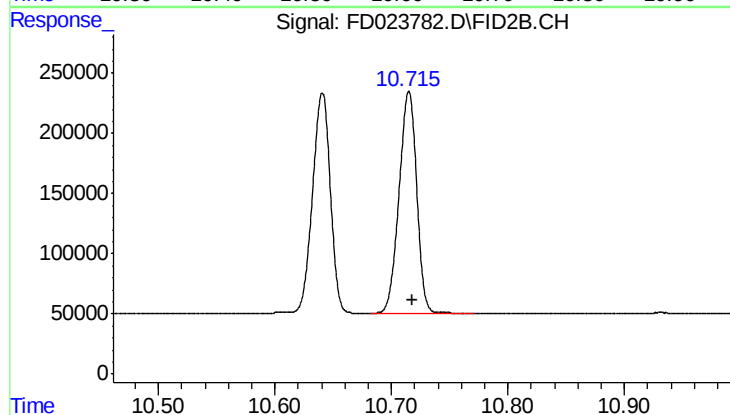
#8 Fluorene (C16.55)

R.T.: 9.246 min
Delta R.T.: -0.004 min
Response: 1865842
Conc: 19.97 ug/ml



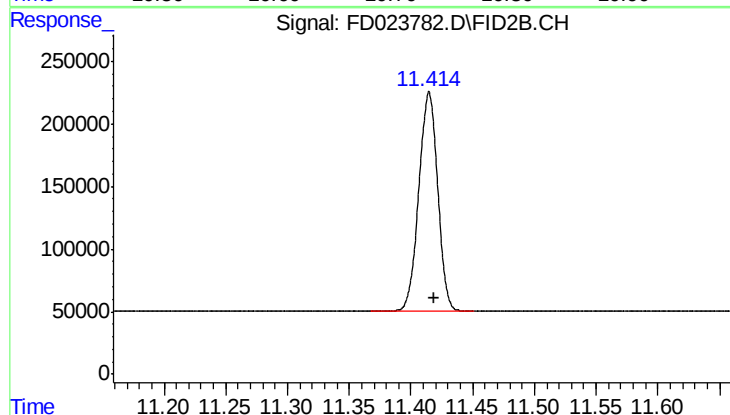
#9 Phenanthrene (C19.36)

R.T.: 10.641 min
Delta R.T.: -0.003 min
Response: 1952562
Conc: 19.94 ug/ml



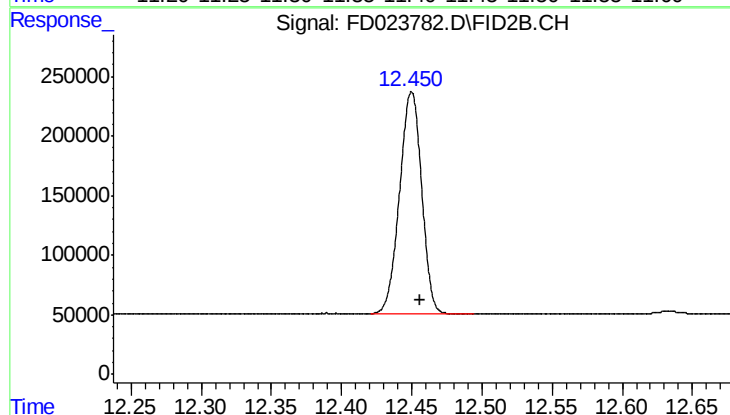
#10 Anthracene (C19.43)

R.T.: 10.715 min
Delta R.T.: -0.003 min
Response: 1942058
Conc: 19.93 ug/ml



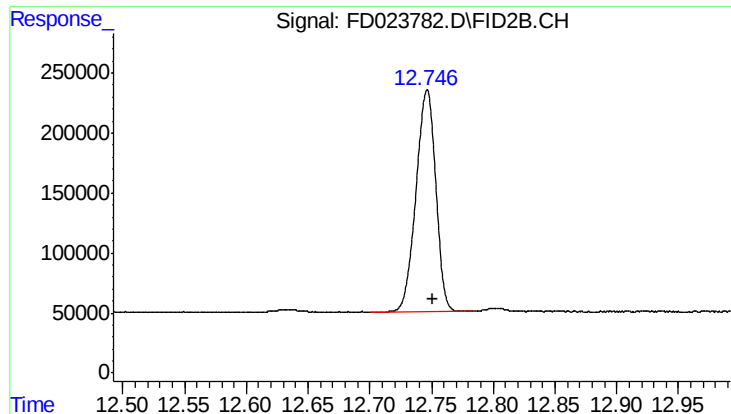
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: -0.004 min
Response: 1853534
Conc: 19.93 ug/ml



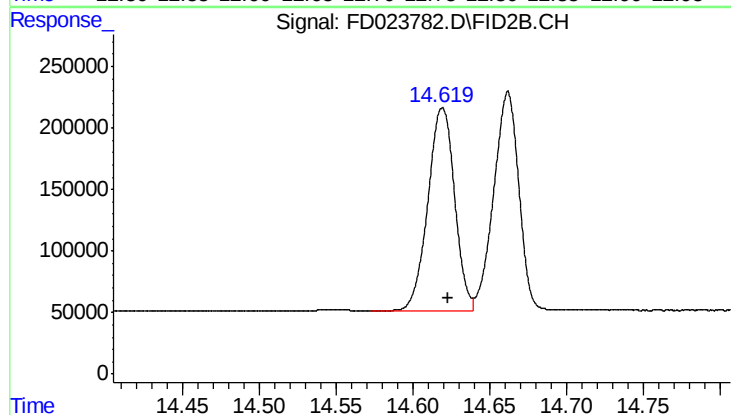
#12 Fluoranthene (C21.85)

R.T.: 12.450 min
Delta R.T.: -0.006 min
Response: 2034948
Conc: 19.91 ug/ml



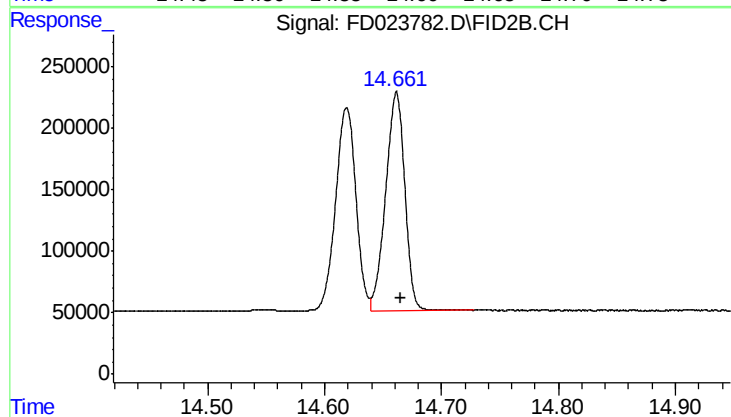
#13 Pyrene (C20.8)

R.T.: 12.747 min
Delta R.T.: -0.004 min
Response: 2052880
Conc: 19.85 ug/ml



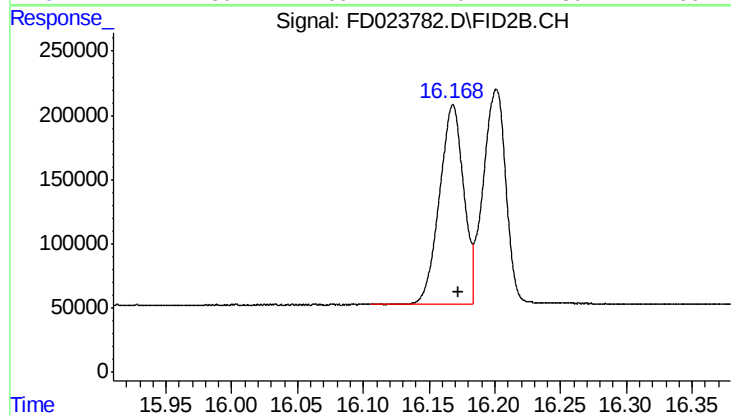
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.619 min
Delta R.T.: -0.004 min
Response: 1993544
Conc: 19.78 ug/ml



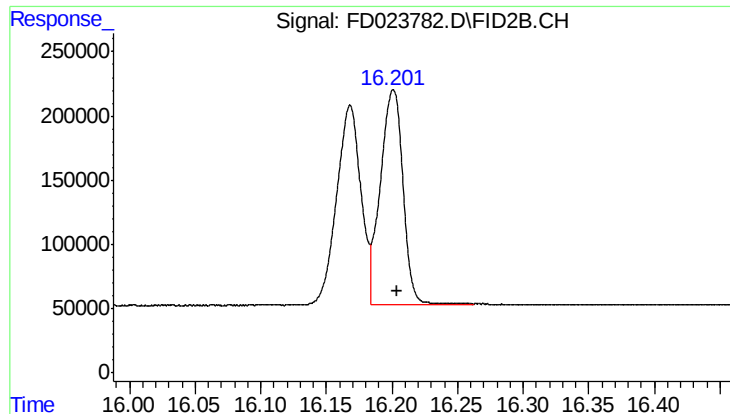
#15 Chrysene (C27.41)

R.T.: 14.662 min
Delta R.T.: -0.004 min
Response: 2023458
Conc: 19.85 ug/ml



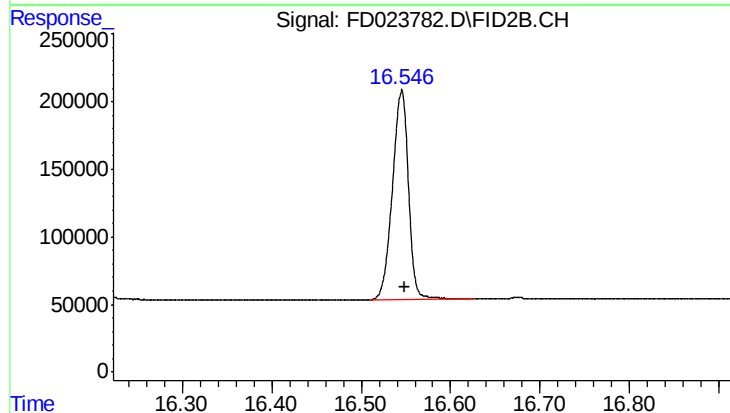
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.168 min
Delta R.T.: -0.004 min
Response: 1988140
Conc: 19.69 ug/ml



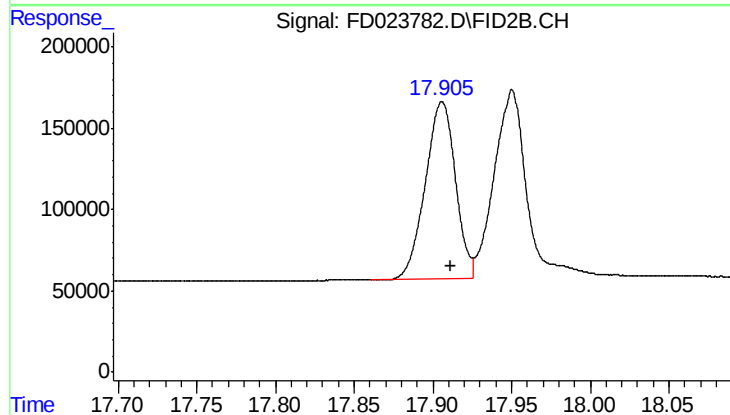
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 16.201 min
Delta R.T.: -0.003 min
Response: 2015884
Conc: 19.68 ug/ml



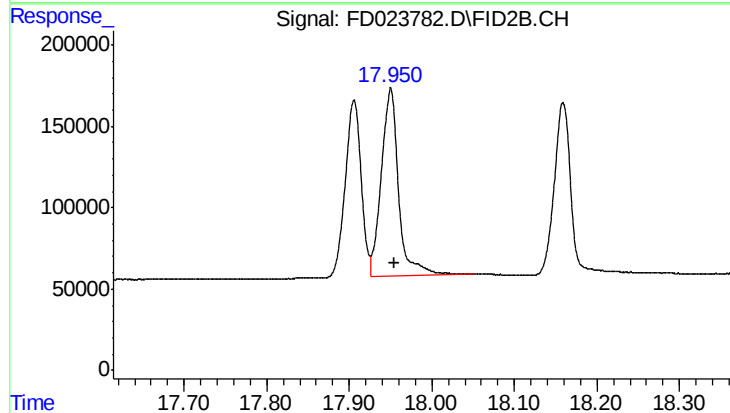
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.545 min
Delta R.T.: -0.004 min
Response: 1927097
Conc: 19.57 ug/ml



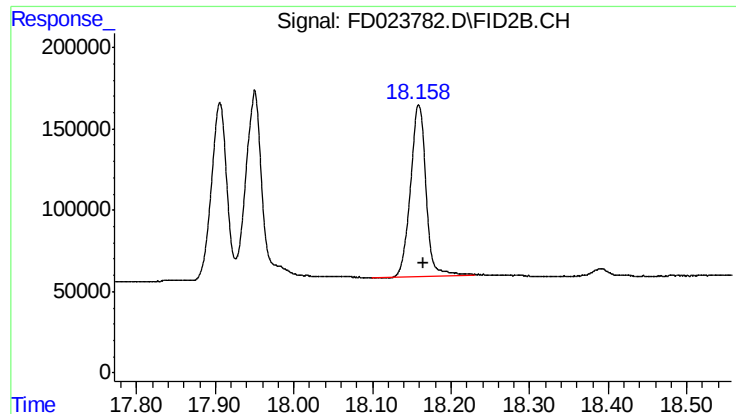
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: -0.005 min
Response: 1457633
Conc: 17.75 ug/ml



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

R.T.: 17.950 min
Delta R.T.: -0.004 min
Response: 1684911
Conc: 18.71 ug/ml



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

R.T.: 18.159 min
Delta R.T.: -0.005 min
Response: 1430087
Conc: 17.16 ug/ml