

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010719AR\
 Data File : FD027115.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2019 19:32
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 07:24:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 2019
 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...	7.365	1939130	20.527 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
6) S 2-Fluorobiphenyl (SURR)	8.215	1308052	20.512 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.02%
11) S ortho-Terphenyl (SURR)	11.257	2157079	20.237 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	2084894	20.564 ug/ml
2) T Naphthalene (C11.7)	5.701	2227914	20.581 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	2199158	20.584 ug/ml
5) T Acenaphthylene (C15.06)	8.019	2110909	20.524 ug/ml
7) T Acenaphthene (C15.5)	8.314	2204301	20.461 ug/ml
8) T Fluorene (C16.55)	9.092	2175673	20.434 ug/ml
9) T Phenanthrene (C19.36)	10.480	2122858	20.122 ug/ml
10) T Anthracene (C19.43)	10.556	2111167	20.228 ug/ml
12) T Fluoranthene (C21.85)	12.285	2088412	20.053 ug/ml
13) T Pyrene (C20.8)	12.579	2068464	20.032 ug/ml
14) T Benzo[a]anthracene (C...	14.445	1976281	20.150 ug/ml
15) T Chrysene (C27.41)	14.488	1962116	19.957 ug/ml
16) T benzo[b]fluoranthene ...	15.990	2020290	19.986 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	2027616	20.061 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.365	2028316	20.058 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2086405	19.992 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	2059544	20.105 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2117499	20.085 ug/ml

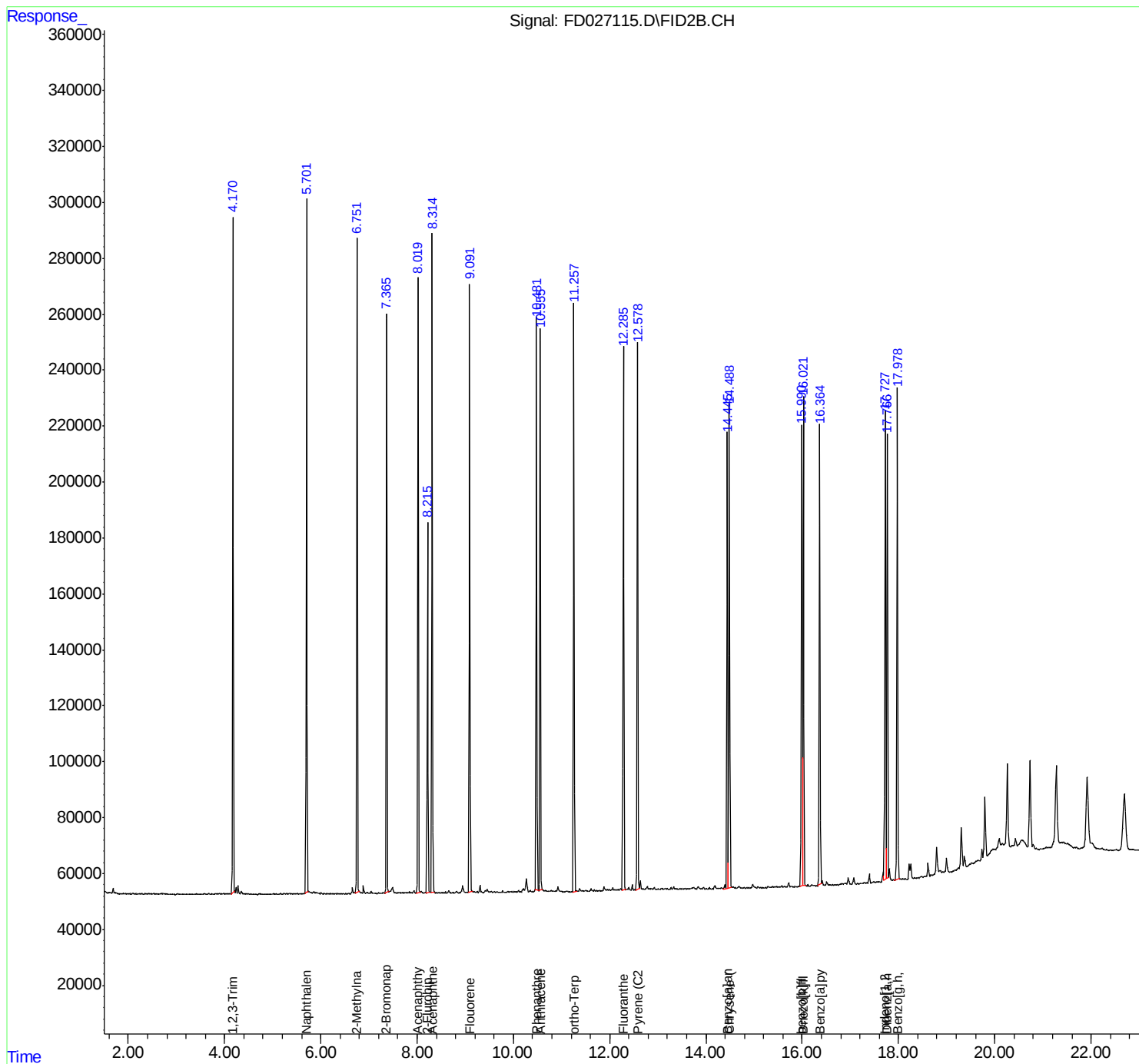
(f)=RT Delta > 1/2 Window

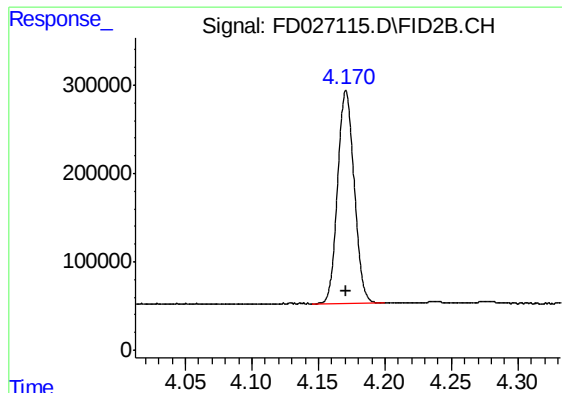
(m)=manual int.

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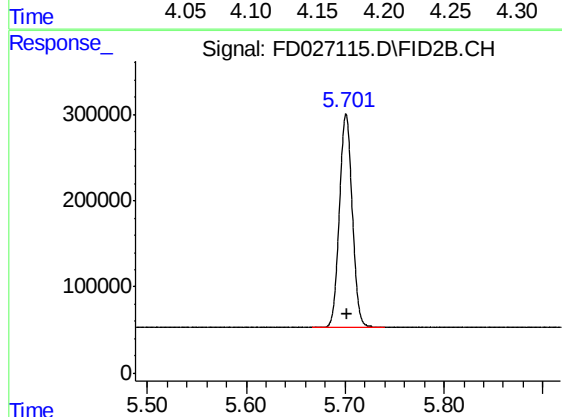
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Signal Info : 20M x 0.18mm x 0.18µm





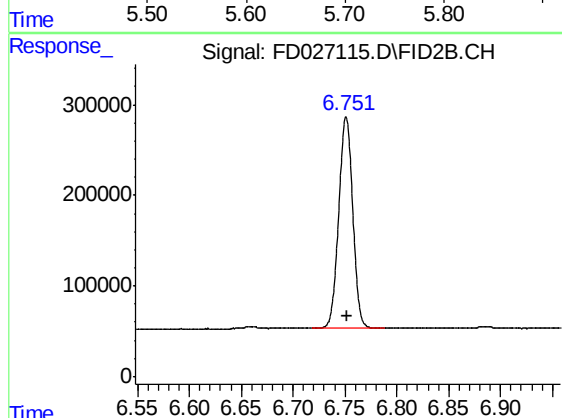
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 2084894
Conc: 20.56 ug/ml



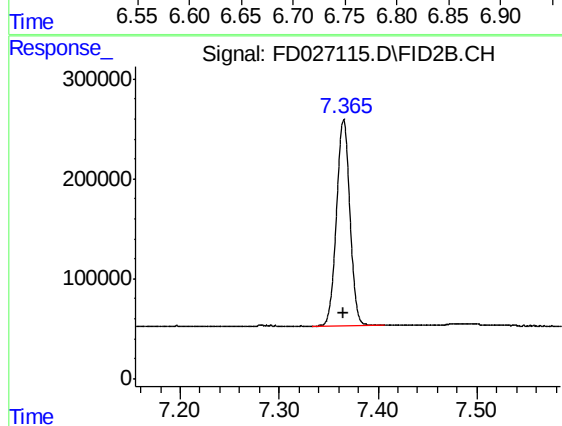
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 2227914
Conc: 20.58 ug/ml



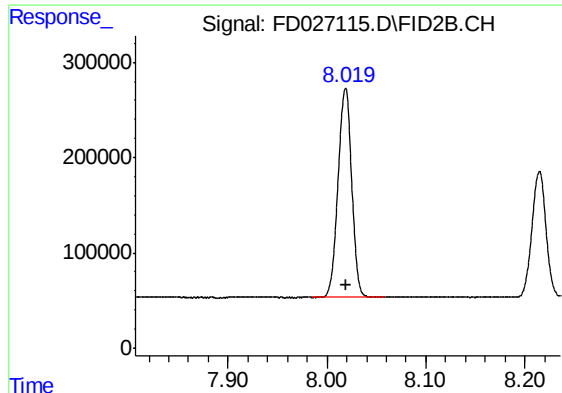
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 2199158
Conc: 20.58 ug/ml



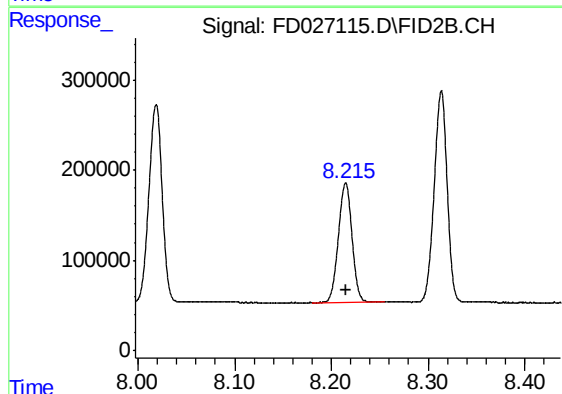
#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 1939130
Conc: 20.53 ug/ml



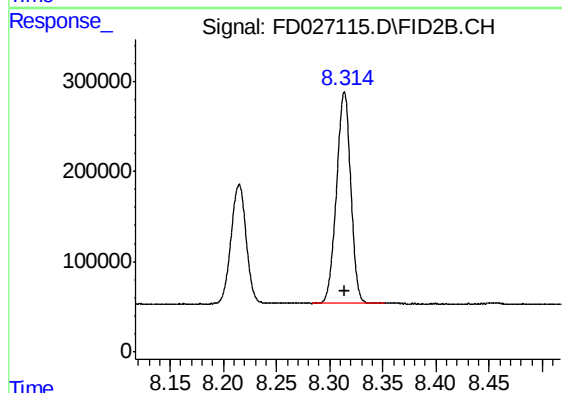
#5 Acenaphthylene (C15.06)

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 2110909
Conc: 20.52 ug/ml



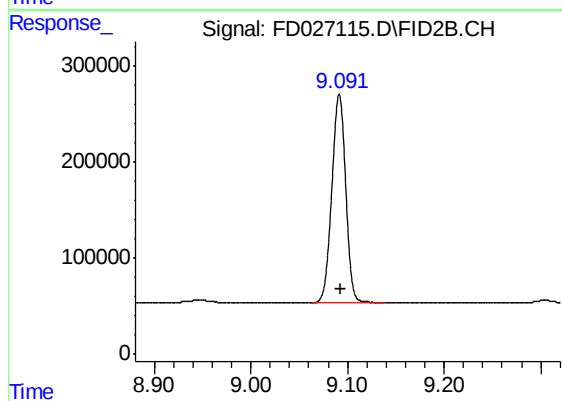
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 1308052
Conc: 20.51 ug/ml



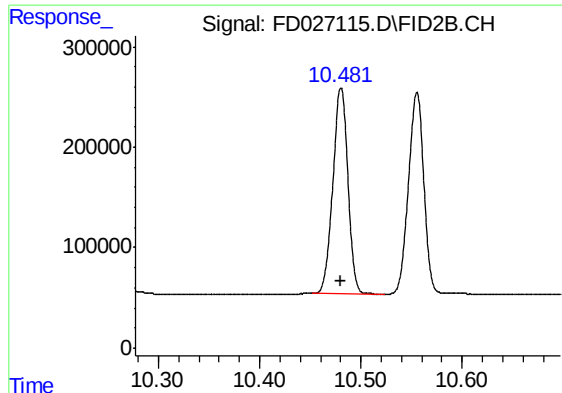
#7 Acenaphthene (C15.5)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2204301
Conc: 20.46 ug/ml



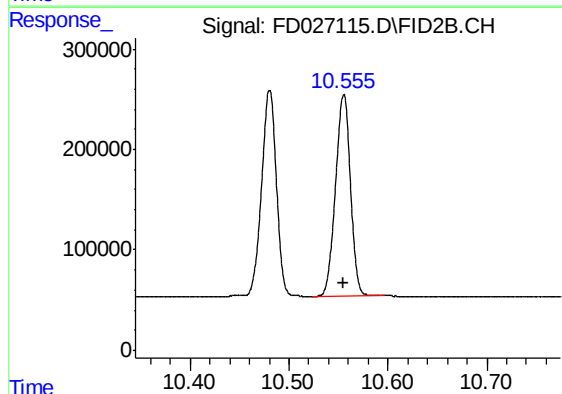
#8 Fluorene (C16.55)

R.T.: 9.092 min
Delta R.T.: -0.001 min
Response: 2175673
Conc: 20.43 ug/ml



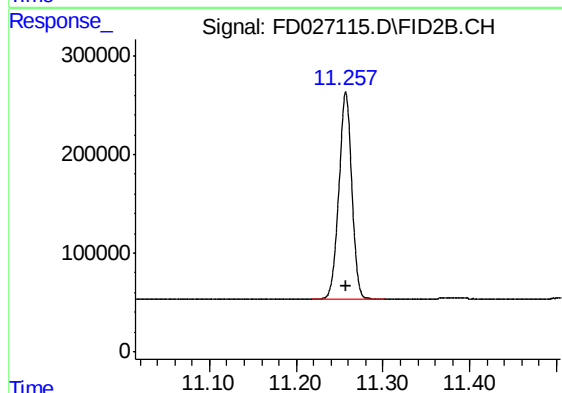
#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: 0.000 min
Response: 2122858
Conc: 20.12 ug/ml



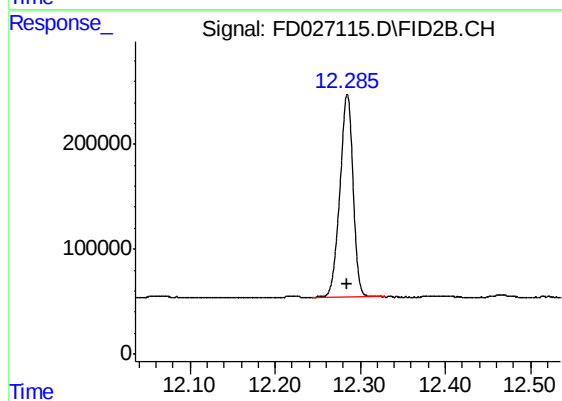
#10 Anthracene (C19.43)

R.T.: 10.556 min
Delta R.T.: 0.000 min
Response: 2111167
Conc: 20.23 ug/ml



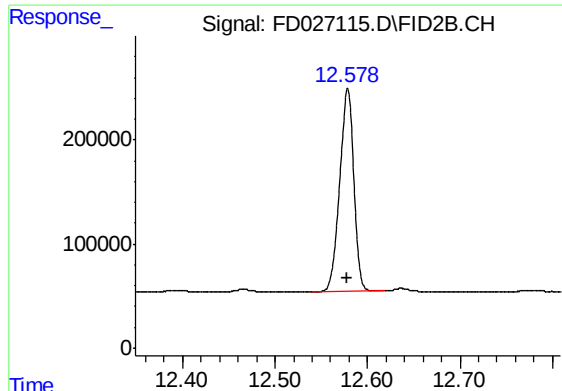
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 2157079
Conc: 20.24 ug/ml



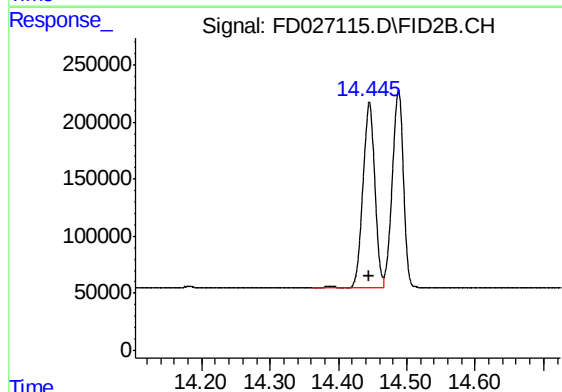
#12 Fluoranthene (C21.85)

R.T.: 12.285 min
Delta R.T.: 0.000 min
Response: 2088412
Conc: 20.05 ug/ml



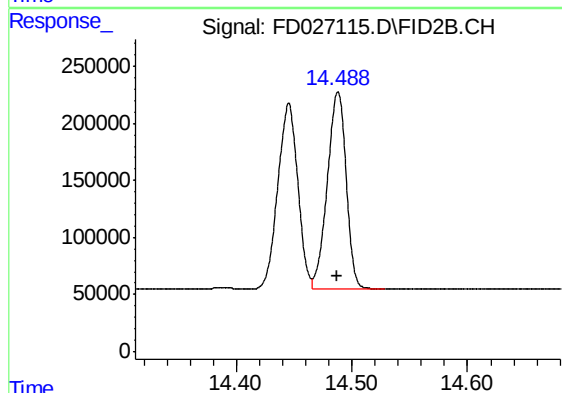
#13 Pyrene (C20.8)

R.T.: 12.579 min
Delta R.T.: 0.001 min
Response: 2068464
Conc: 20.03 ug/ml



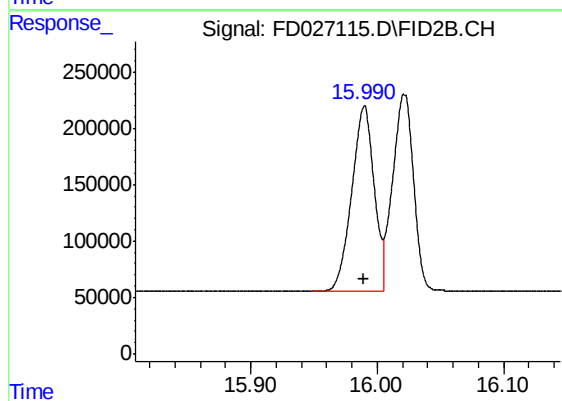
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 1976281
Conc: 20.15 ug/ml



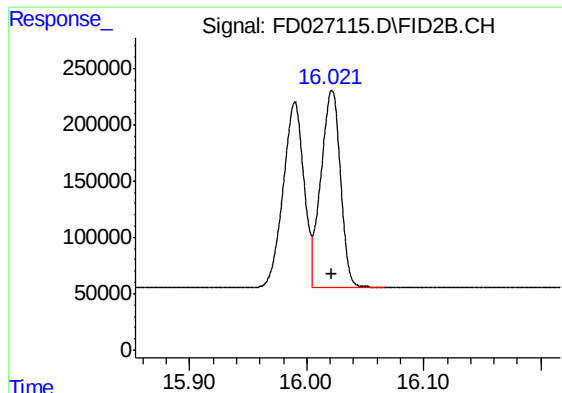
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: 0.001 min
Response: 1962116
Conc: 19.96 ug/ml



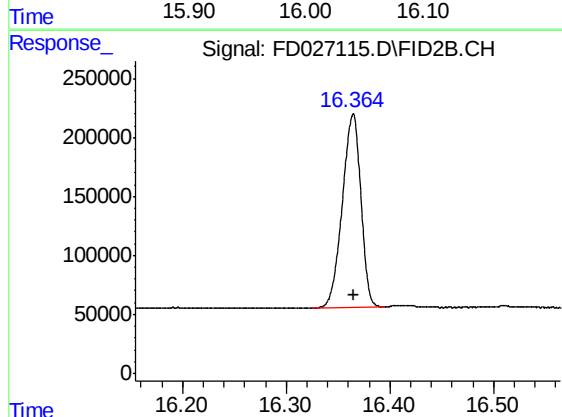
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.990 min
Delta R.T.: 0.000 min
Response: 2020290
Conc: 19.99 ug/ml



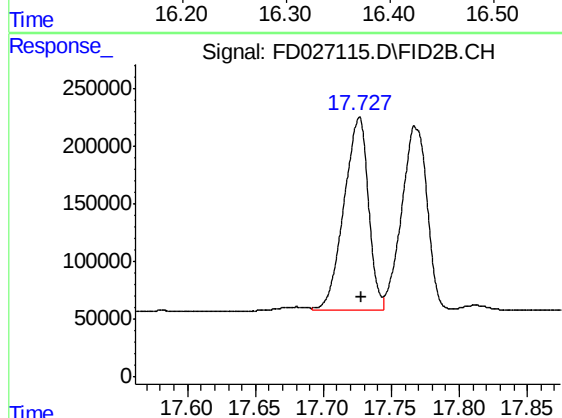
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 2027616
Conc: 20.06 ug/ml



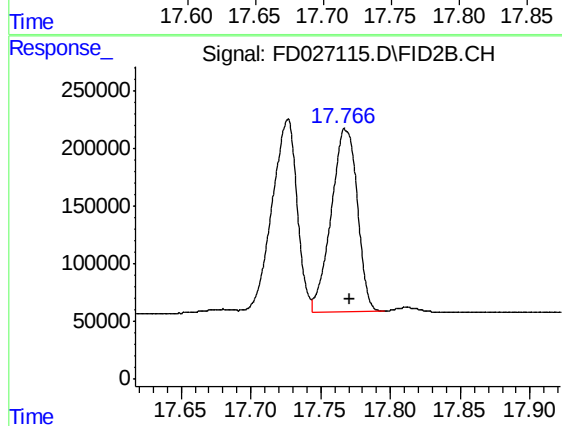
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: 0.000 min
Response: 2028316
Conc: 20.06 ug/ml



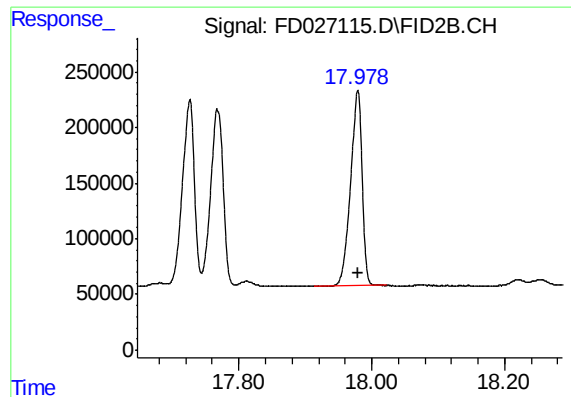
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: -0.002 min
Response: 2086405
Conc: 19.99 ug/ml



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

R.T.: 17.768 min
Delta R.T.: -0.003 min
Response: 2059544
Conc: 20.11 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.000 min
Response: 2117499
Conc: 20.08 ug/ml