

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040219AR\
 Data File : FD028613.D
 Signal(s) : FID2B.CH
 Acq On : 03 Apr 2019 12:53
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 03 14:20:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.113	1714419	18.070 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
6) S 2-Fluorobiphenyl (SURR)	7.980	1163781	17.852 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.70%
11) S ortho-Terphenyl (SURR)	11.020	1894279	17.025 ug/ml
Spiked Amount 50.000		Recovery =	34.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.934	1872978	19.146 ug/ml
2) T Naphthalene (C11.7)	5.458	1987121	18.652 ug/ml
3) T 2-Methylnaphthalene (...)	6.506	1960304	18.324 ug/ml
5) T Acenaphthylene (C15.06)	7.784	1856194	17.925 ug/ml
7) T Acenaphthene (C15.5)	8.079	1933080	17.821 ug/ml
8) T Fluorene (C16.55)	8.860	1911624	17.583 ug/ml
9) T Phenanthrene (C19.36)	10.258	1889136	17.445 ug/ml
10) T Anthracene (C19.43)	10.332	1858500	17.301 ug/ml
12) T Fluoranthene (C21.85)	12.070	1903554	17.607 ug/ml
13) T Pyrene (C20.8)	12.368	1912590	17.761 ug/ml
14) T Benzo[a]anthracene (C...	14.237	1938960	18.493 ug/ml
15) T Chrysene (C27.41)	14.279	1945422	18.580 ug/ml
16) T benzo[b]fluoranthene ...	15.785	2040829	18.829 ug/ml
17) T Bnezo[k]fluoranthene ...	15.817	2019007	18.814 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.164	2042451	18.876 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.527	2080540	18.826 ug/ml
20) T Dibenz[a,h]anthracene...	17.564	2055982	19.126 ug/ml
21) T Benzo[g,h,i]perylene ...	17.781	2072038	19.119 ug/ml

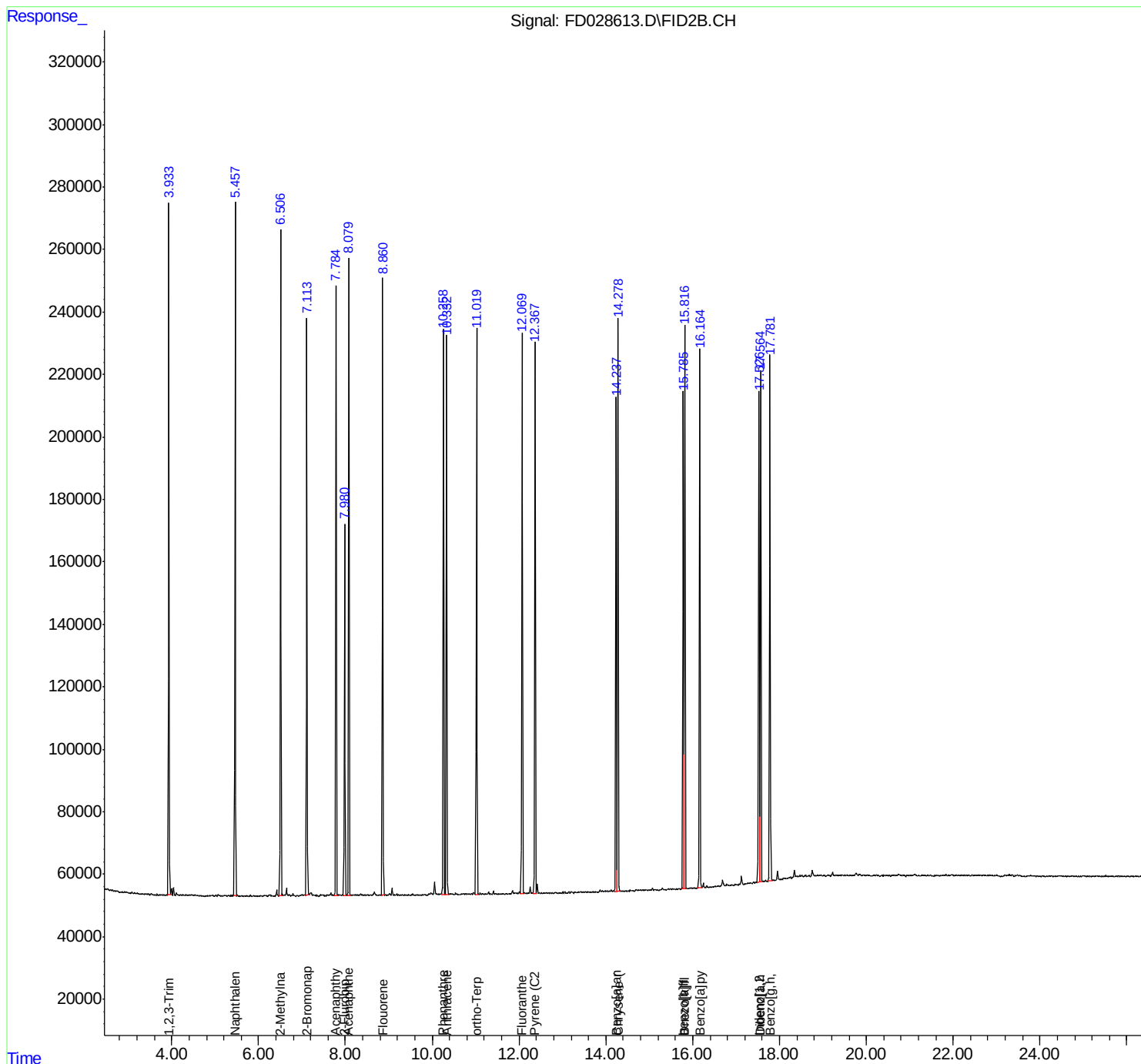
(f)=RT Delta > 1/2 Window

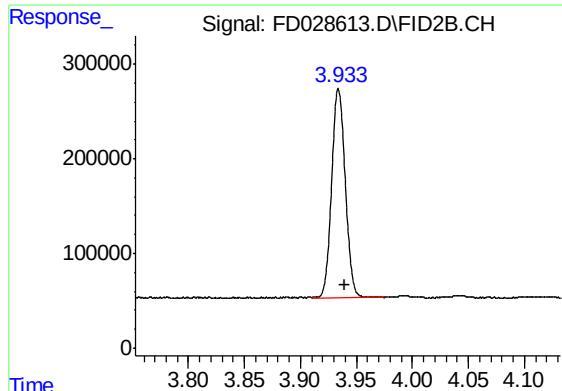
(m)=manual int.

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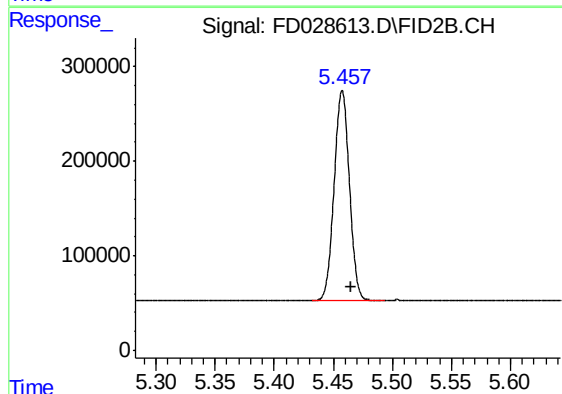
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Signal Info : 20M x 0.18mm x 0.18µm





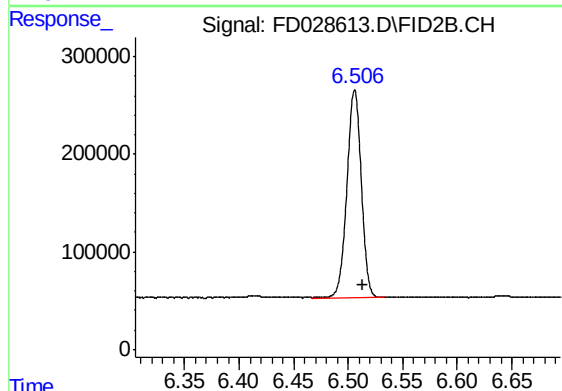
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.934 min
Delta R.T.: -0.006 min
Response: 1872978
Conc: 19.15 ug/ml



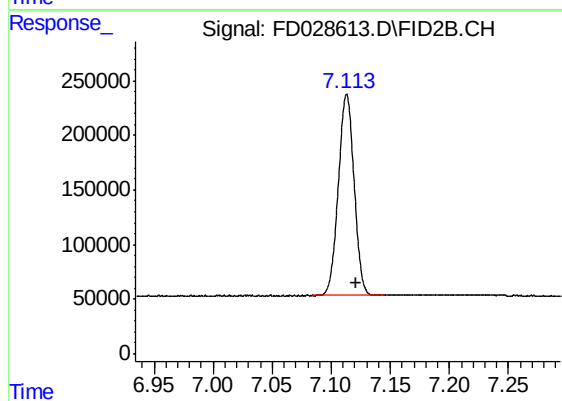
#2 Naphthalene (C11.7)

R.T.: 5.458 min
Delta R.T.: -0.007 min
Response: 1987121
Conc: 18.65 ug/ml



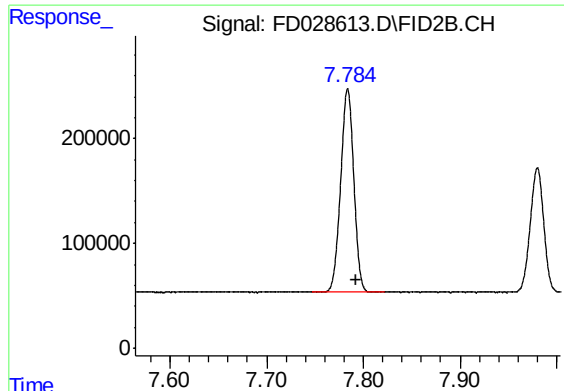
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.506 min
Delta R.T.: -0.008 min
Response: 1960304
Conc: 18.32 ug/ml



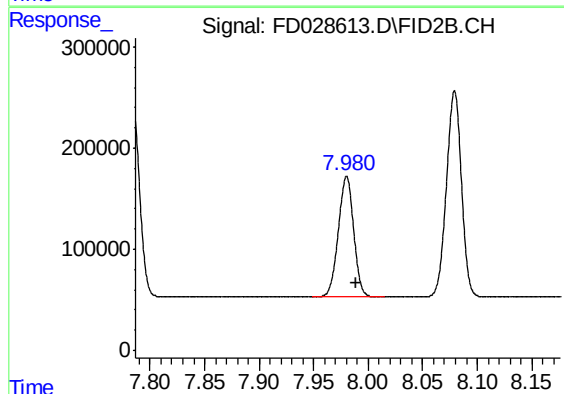
#4 2-Bromonaphthalene (SURR)

R.T.: 7.113 min
Delta R.T.: -0.008 min
Response: 1714419
Conc: 18.07 ug/ml



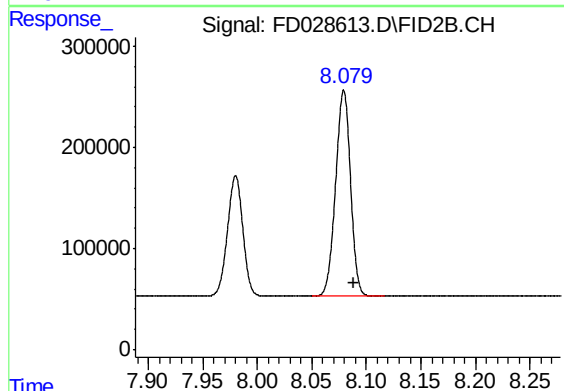
#5 Acenaphthylene (C15.06)

R.T.: 7.784 min
Delta R.T.: -0.008 min
Response: 1856194
Conc: 17.93 ug/ml



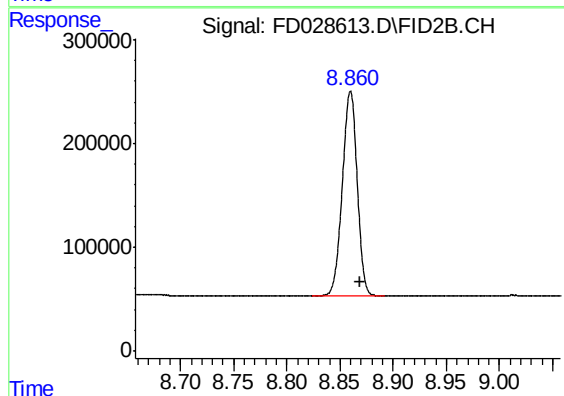
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.980 min
Delta R.T.: -0.008 min
Response: 1163781
Conc: 17.85 ug/ml



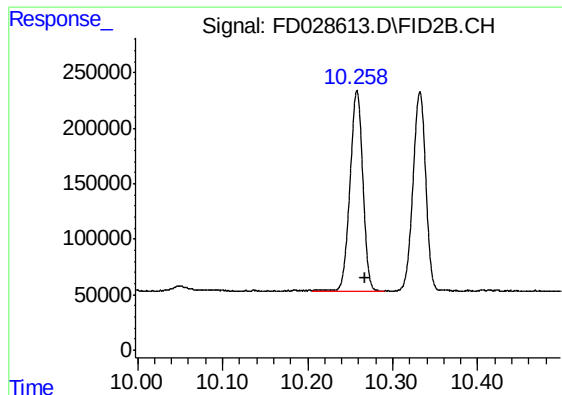
#7 Acenaphthene (C15.5)

R.T.: 8.079 min
Delta R.T.: -0.008 min
Response: 1933080
Conc: 17.82 ug/ml



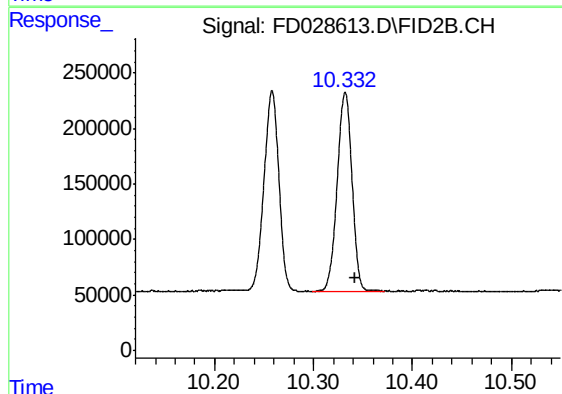
#8 Flouorene (C16.55)

R.T.: 8.860 min
Delta R.T.: -0.009 min
Response: 1911624
Conc: 17.58 ug/ml



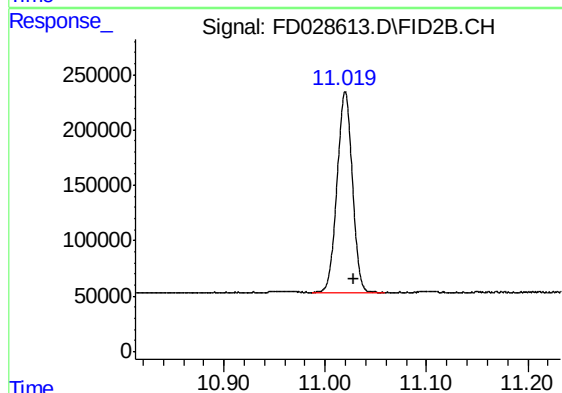
#9 Phenanthrene (C19.36)

R.T.: 10.258 min
Delta R.T.: -0.009 min
Response: 1889136
Conc: 17.45 ug/ml



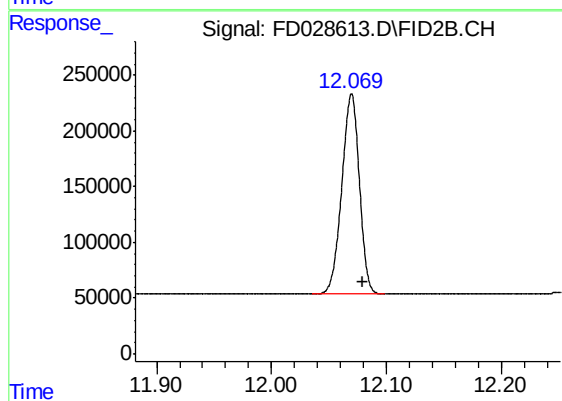
#10 Anthracene (C19.43)

R.T.: 10.332 min
Delta R.T.: -0.009 min
Response: 1858500
Conc: 17.30 ug/ml



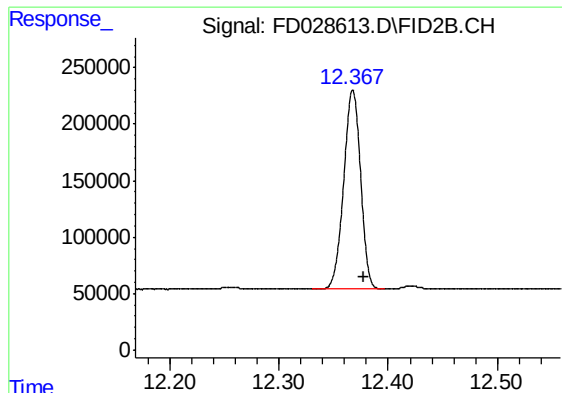
#11 ortho-Terphenyl (SURR)

R.T.: 11.020 min
Delta R.T.: -0.009 min
Response: 1894279
Conc: 17.02 ug/ml



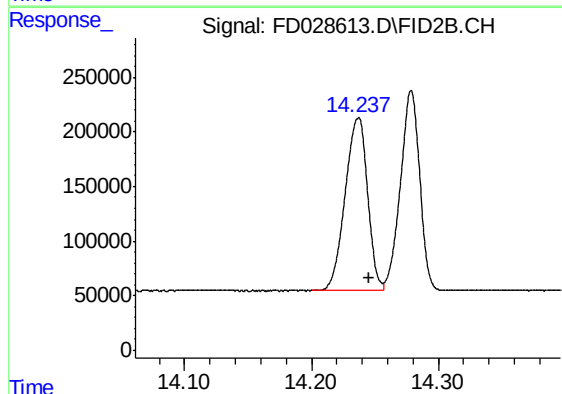
#12 Fluoranthene (C21.85)

R.T.: 12.070 min
Delta R.T.: -0.010 min
Response: 1903554
Conc: 17.61 ug/ml



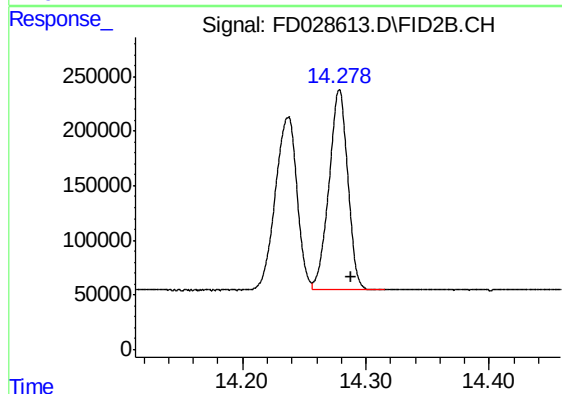
#13 Pyrene (C20.8)

R.T.: 12.368 min
Delta R.T.: -0.011 min
Response: 1912590
Conc: 17.76 ug/ml



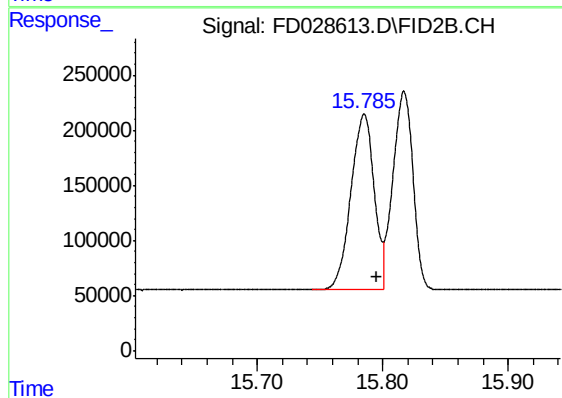
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.237 min
Delta R.T.: -0.009 min
Response: 1938960
Conc: 18.49 ug/ml



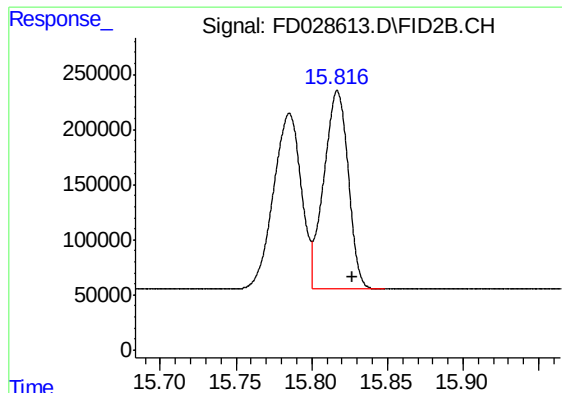
#15 Chrysene (C27.41)

R.T.: 14.279 min
Delta R.T.: -0.010 min
Response: 1945422
Conc: 18.58 ug/ml



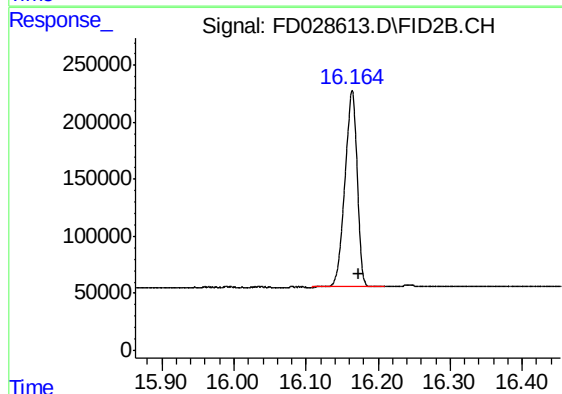
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.785 min
Delta R.T.: -0.010 min
Response: 2040829
Conc: 18.83 ug/ml



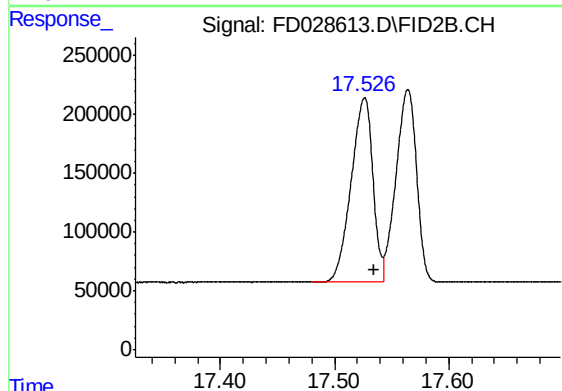
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.817 min
Delta R.T.: -0.010 min
Response: 2019007
Conc: 18.81 ug/ml



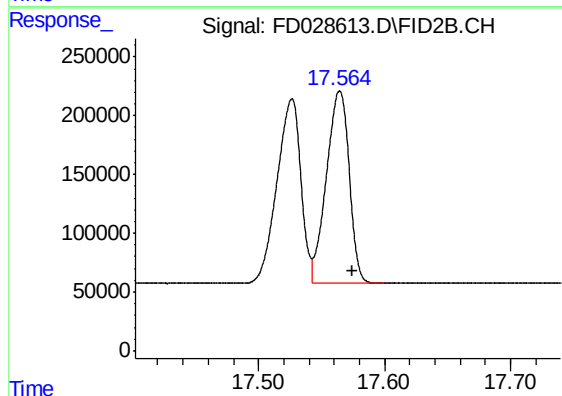
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.164 min
Delta R.T.: -0.010 min
Response: 2042451
Conc: 18.88 ug/ml



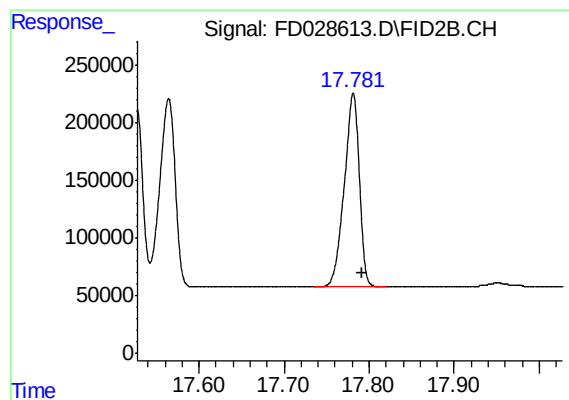
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.527 min
Delta R.T.: -0.009 min
Response: 2080540
Conc: 18.83 ug/ml



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

R.T.: 17.564 min
Delta R.T.: -0.010 min
Response: 2055982
Conc: 19.13 ug/ml



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

R.T.: 17.781 min
Delta R.T.: -0.010 min
Response: 2072038
Conc: 19.12 ug/ml