

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030719AR\
 Data File : FD028154.D
 Signal(s) : FID2B.CH
 Acq On : 07 Mar 2019 10:56
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 01:21:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 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...	7.318	1644642	15.582 ug/ml
Spiked Amount 50.000		Recovery =	31.16%
6) S 2-Fluorobiphenyl (SURR)	8.166	1107979	15.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	31.44%
11) S ortho-Terphenyl (SURR)	11.204	1938487	16.908 ug/ml
Spiked Amount 50.000		Recovery =	33.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.128	1792411	16.936 ug/ml
2) T Naphthalene (C11.7)	5.655	1887721	16.082 ug/ml
3) T 2-Methylnaphthalene (...)	6.704	1865829	15.773 ug/ml
5) T Acenaphthylene (C15.06)	7.969	1820820	15.791 ug/ml
7) T Acenaphthene (C15.5)	8.264	1909101	15.715 ug/ml
8) T Fluorene (C16.55)	9.042	1874115	15.576 ug/ml
9) T Phenanthrene (C19.36)	10.429	1899774	17.002 ug/ml
10) T Anthracene (C19.43)	10.503	1859282	16.795 ug/ml
12) T Fluoranthene (C21.85)	12.231	1968943	18.146 ug/ml
13) T Pyrene (C20.8)	12.524	1976593	18.836 ug/ml
14) T Benzo[a]anthracene (C...	14.391	1951197	19.280 ug/ml
15) T Chrysene (C27.41)	14.433	1984120	19.243 ug/ml
16) T benzo[b]fluoranthene ...	15.933	2013266	19.102 ug/ml
17) T Bnezo[k]fluoranthene ...	15.966	2056370	19.096 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.308	2001768	18.703 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.669	1945676	19.013 ug/ml
20) T Dibenz[a,h]anthracene...	17.711	1943671	19.290 ug/ml
21) T Benzo[g,h,i]perylene ...	17.921	1991038	18.426 ug/ml

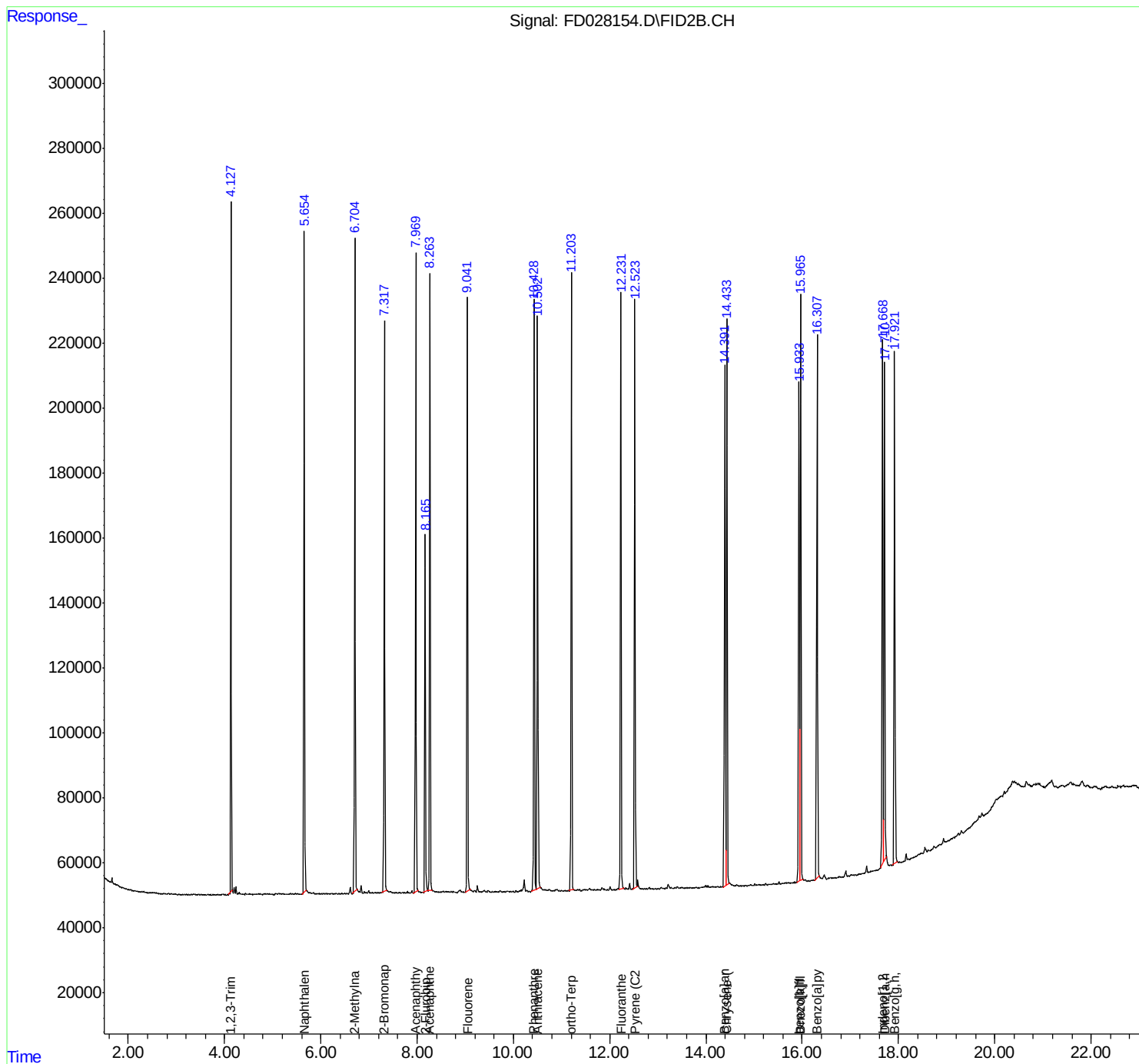
(f)=RT Delta > 1/2 Window

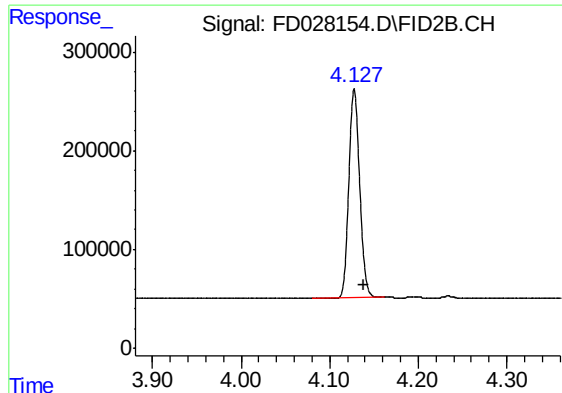
(m)=manual int.

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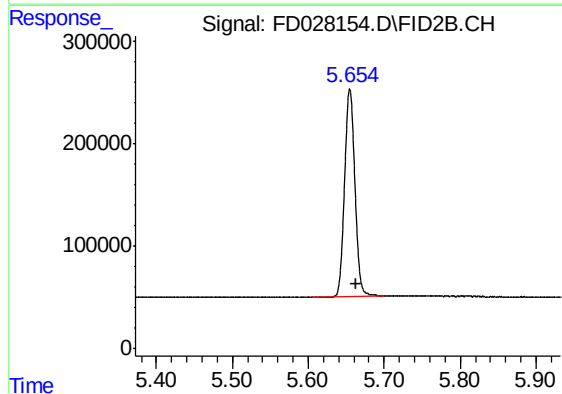
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Signal Info : 20M x 0.18mm x 0.18µm





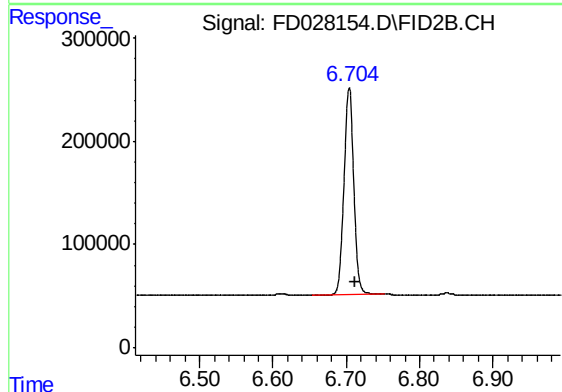
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.128 min
Delta R.T.: -0.011 min
Response: 1792411
Conc: 16.94 ug/ml



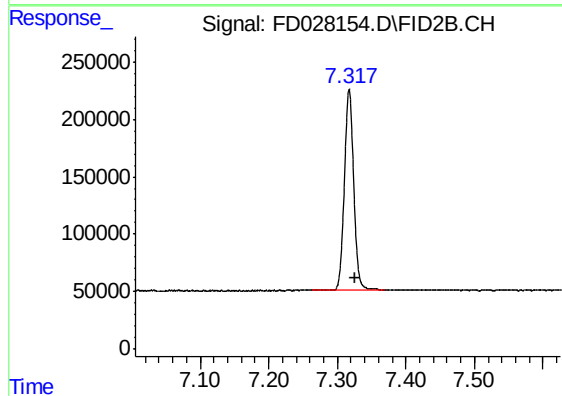
#2 Naphthalene (C11.7)

R.T.: 5.655 min
Delta R.T.: -0.009 min
Response: 1887721
Conc: 16.08 ug/ml



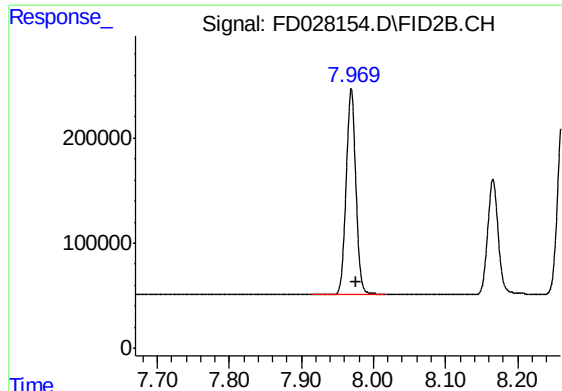
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 1865829
Conc: 15.77 ug/ml



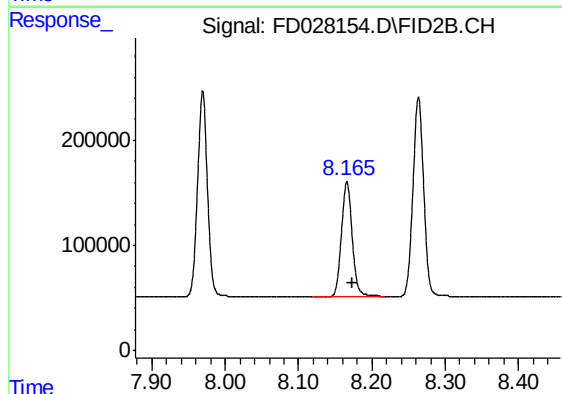
#4 2-Bromonaphthalene (SURR)

R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 1644642
Conc: 15.58 ug/ml



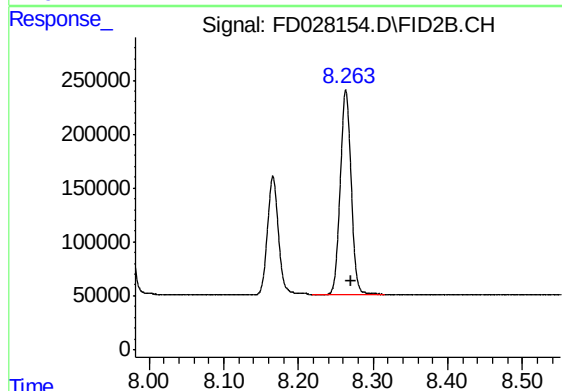
#5 Acenaphthylene (C15.06)

R.T.: 7.969 min
Delta R.T.: -0.007 min
Response: 1820820
Conc: 15.79 ug/ml



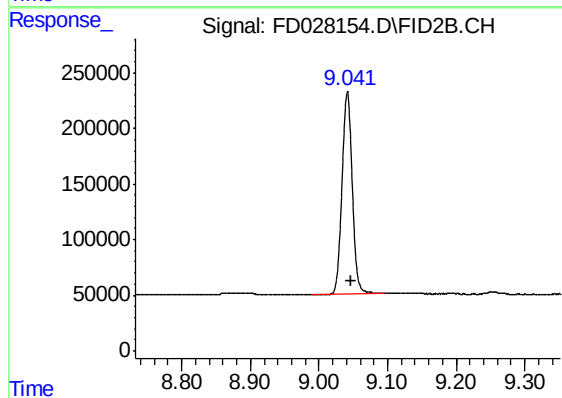
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.166 min
Delta R.T.: -0.007 min
Response: 1107979
Conc: 15.72 ug/ml



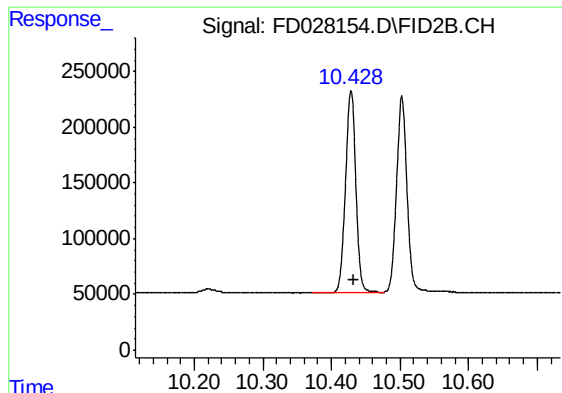
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.007 min
Response: 1909101
Conc: 15.71 ug/ml



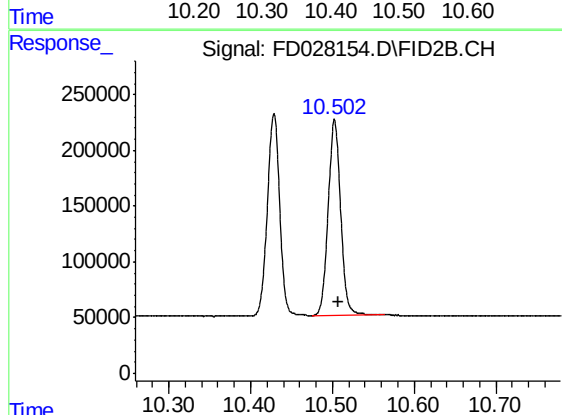
#8 Flouorene (C16.55)

R.T.: 9.042 min
Delta R.T.: -0.006 min
Response: 1874115
Conc: 15.58 ug/ml



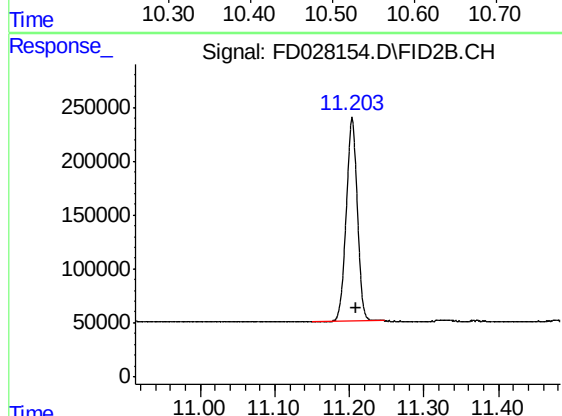
#9 Phenanthrene (C19.36)

R.T.: 10.429 min
Delta R.T.: -0.004 min
Response: 1899774
Conc: 17.00 ug/ml



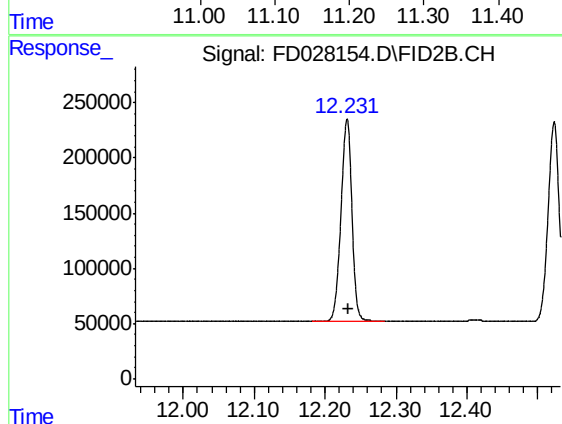
#10 Anthracene (C19.43)

R.T.: 10.503 min
Delta R.T.: -0.004 min
Response: 1859282
Conc: 16.80 ug/ml



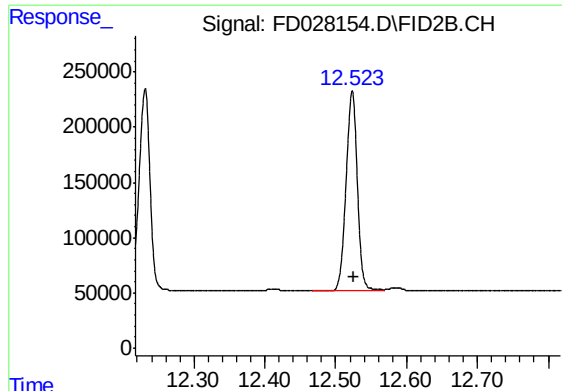
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.005 min
Response: 1938487
Conc: 16.91 ug/ml



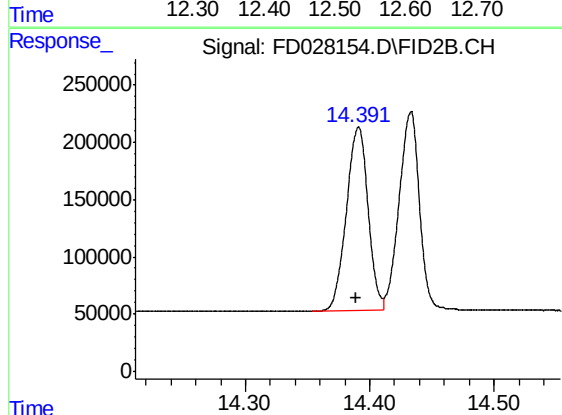
#12 Fluoranthene (C21.85)

R.T.: 12.231 min
Delta R.T.: -0.002 min
Response: 1968943
Conc: 18.15 ug/ml



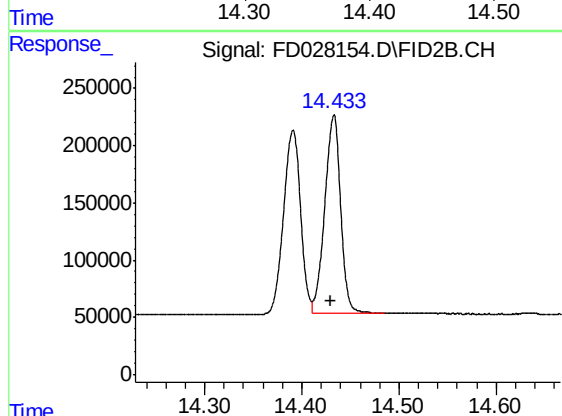
#13 Pyrene (C20.8)

R.T.: 12.524 min
Delta R.T.: -0.002 min
Response: 1976593
Conc: 18.84 ug/ml



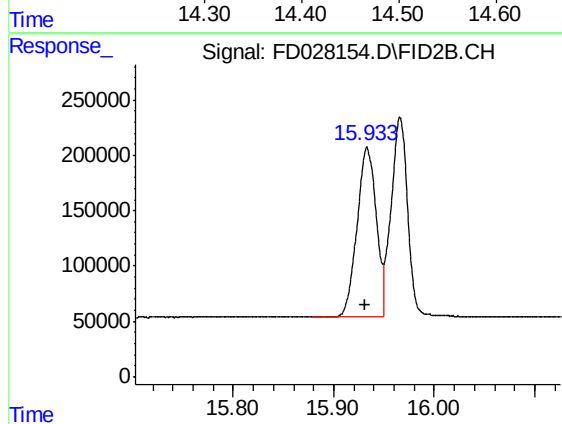
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.391 min
Delta R.T.: 0.002 min
Response: 1951197
Conc: 19.28 ug/ml



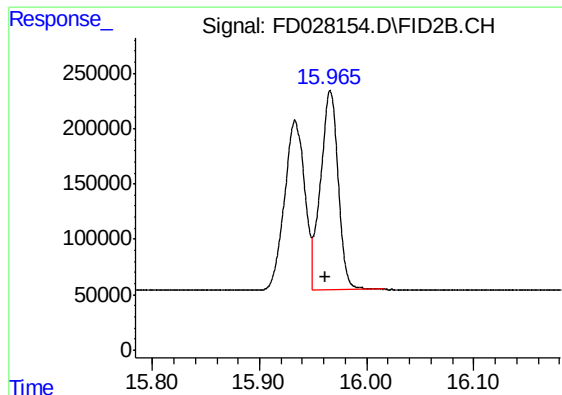
#15 Chrysene (C27.41)

R.T.: 14.433 min
Delta R.T.: 0.003 min
Response: 1984120
Conc: 19.24 ug/ml



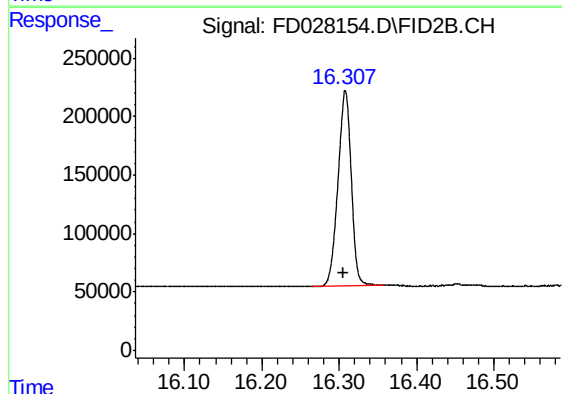
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.933 min
Delta R.T.: 0.002 min
Response: 2013266
Conc: 19.10 ug/ml



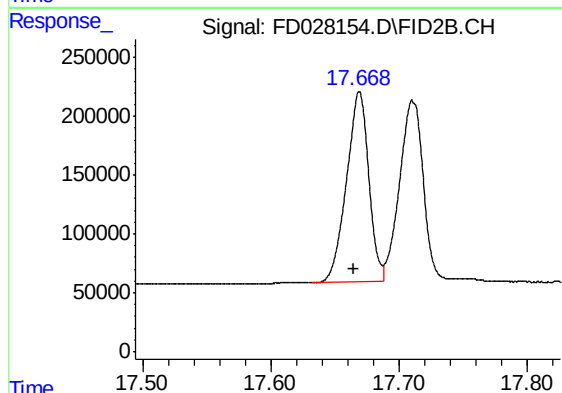
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.966 min
Delta R.T.: 0.004 min
Response: 2056370
Conc: 19.10 ug/ml



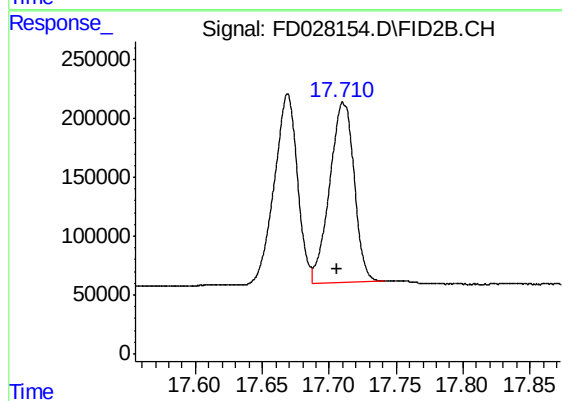
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.308 min
Delta R.T.: 0.002 min
Response: 2001768
Conc: 18.70 ug/ml



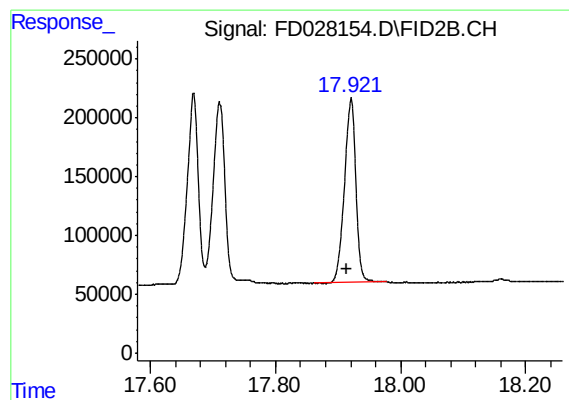
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.669 min
Delta R.T.: 0.004 min
Response: 1945676
Conc: 19.01 ug/ml



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

R.T.: 17.711 min
Delta R.T.: 0.005 min
Response: 1943671
Conc: 19.29 ug/ml



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

R.T.: 17.921 min
Delta R.T.: 0.007 min
Response: 1991038
Conc: 18.43 ug/ml