

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030419AR\
 Data File : FD028085.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2019 17:28
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 01:03:24 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...	7.323	1602962	15.187 ug/mlm
Spiked Amount 50.000		Recovery =	30.37%
6) S 2-Fluorobiphenyl (SURR)	8.171	1066648	15.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	30.26%
11) S ortho-Terphenyl (SURR)	11.208	1917846	16.728 ug/ml
Spiked Amount 50.000		Recovery =	33.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.136	1757900	16.610 ug/ml
2) T Naphthalene (C11.7)	5.662	1832765	15.614 ug/ml
3) T 2-Methylnaphthalene (...)	6.710	1801764	15.231 ug/ml
5) T Acenaphthylene (C15.06)	7.974	1772067	15.368 ug/ml
7) T Acenaphthene (C15.5)	8.269	1858869	15.301 ug/ml
8) T Fluorene (C16.55)	9.047	1815251	15.086 ug/ml
9) T Phenanthrene (C19.36)	10.432	1897864	16.985 ug/ml
10) T Anthracene (C19.43)	10.507	1841024	16.630 ug/ml
12) T Fluoranthene (C21.85)	12.233	1997412	18.408 ug/ml
13) T Pyrene (C20.8)	12.525	2011050	19.164 ug/ml
14) T Benzo[a]anthracene (C...	14.391	1942302	19.192 ug/ml
15) T Chrysene (C27.41)	14.432	2011967	19.513 ug/ml
16) T benzo[b]fluoranthene ...	15.934	1995881	18.937 ug/ml
17) T Bnezo[k]fluoranthene ...	15.966	2039358	18.938 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.309	1976263	18.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.667	1854698	18.124 ug/ml
20) T Dibenz[a,h]anthracene...	17.710	2007507	19.923 ug/ml
21) T Benzo[g,h,i]perylene ...	17.918	1923023	17.797 ug/ml

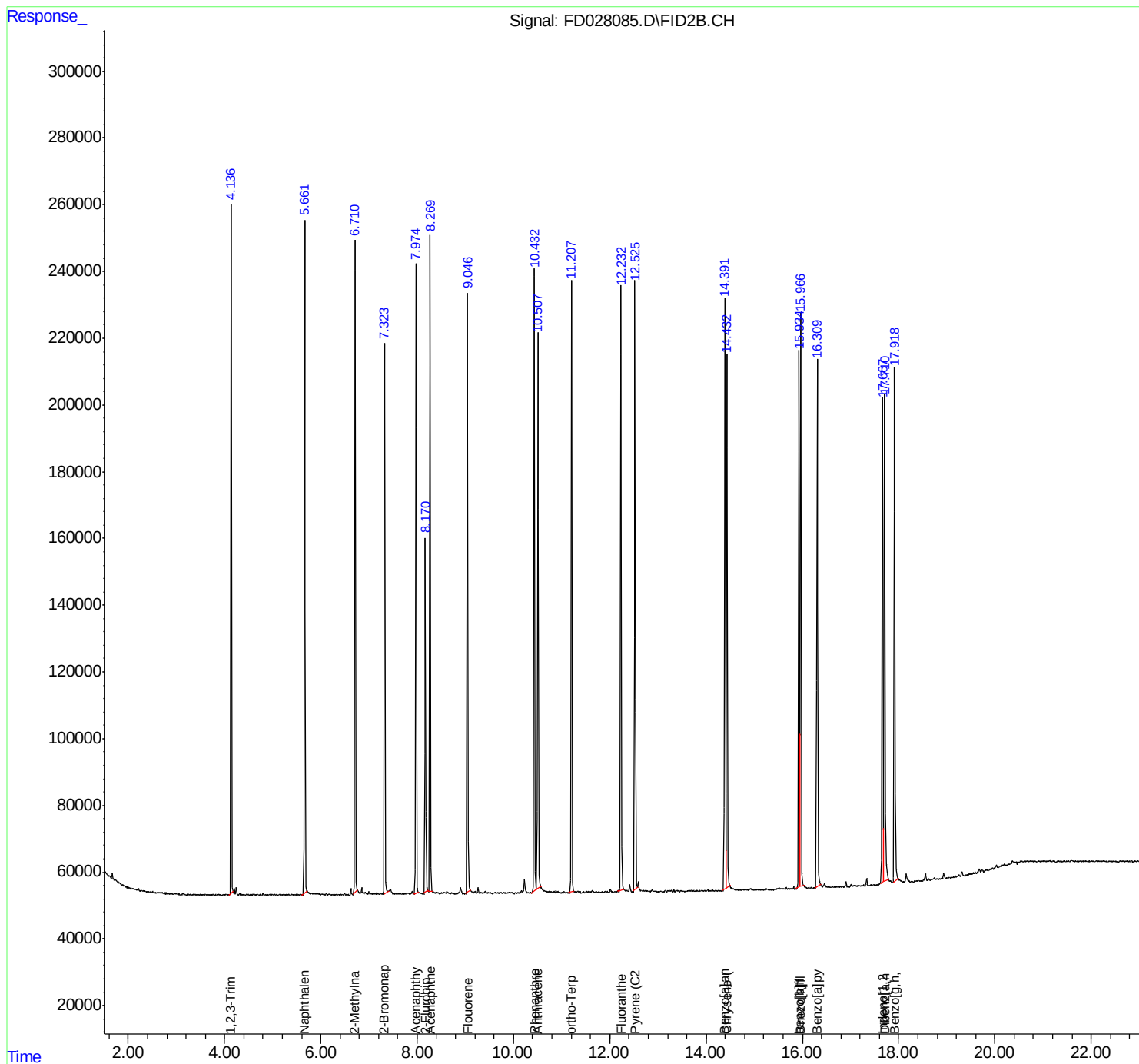
(f)=RT Delta > 1/2 Window

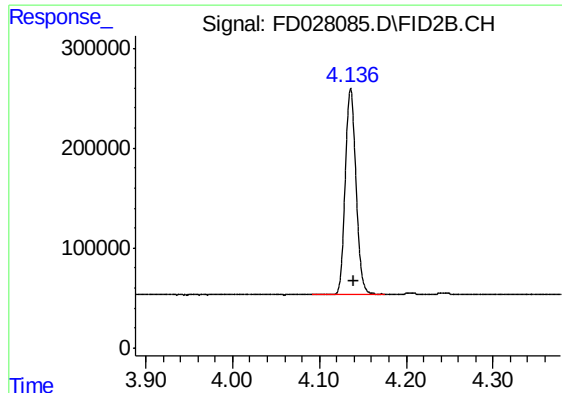
(m)=manual int.

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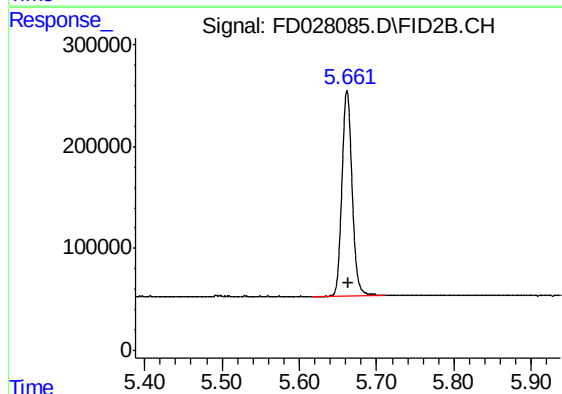
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Signal Info : 20M x 0.18mm x 0.18µm





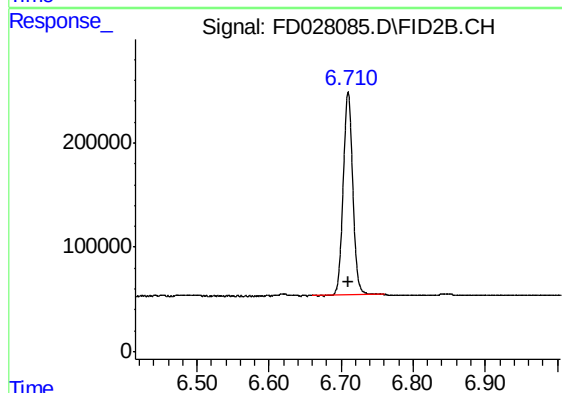
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 1757900
Conc: 16.61 ug/ml



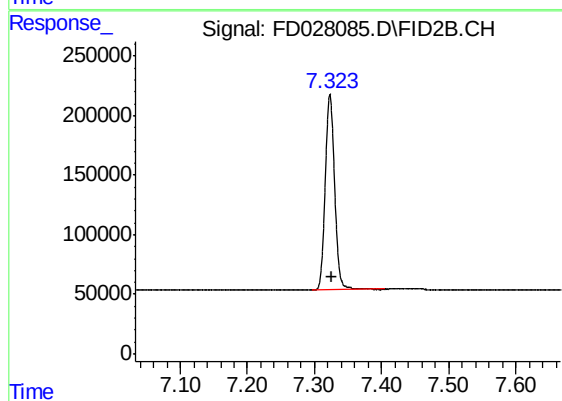
#2 Naphthalene (C11.7)

R.T.: 5.662 min
Delta R.T.: -0.002 min
Response: 1832765
Conc: 15.61 ug/ml



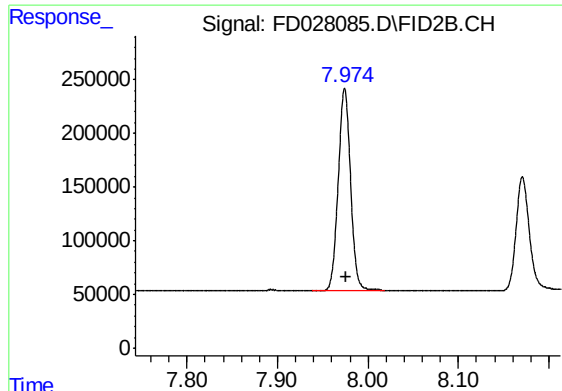
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 1801764
Conc: 15.23 ug/ml



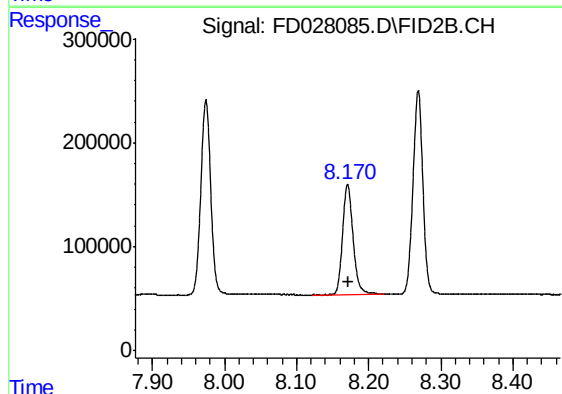
#4 2-Bromonaphthalene (SURR)

R.T.: 7.323 min
Delta R.T.: -0.003 min
Response: 1602962
Conc: 15.19 ug/ml m



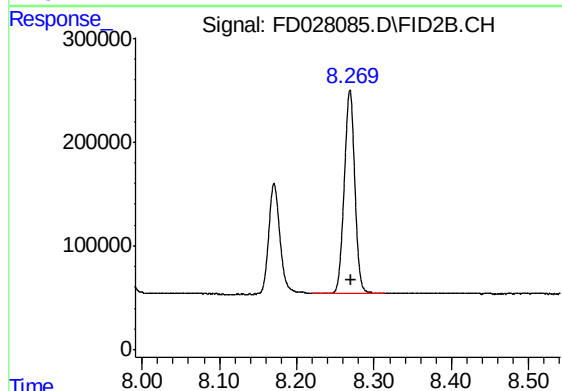
#5 Acenaphthylene (C15.06)

R.T.: 7.974 min
Delta R.T.: -0.002 min
Response: 1772067
Conc: 15.37 ug/ml



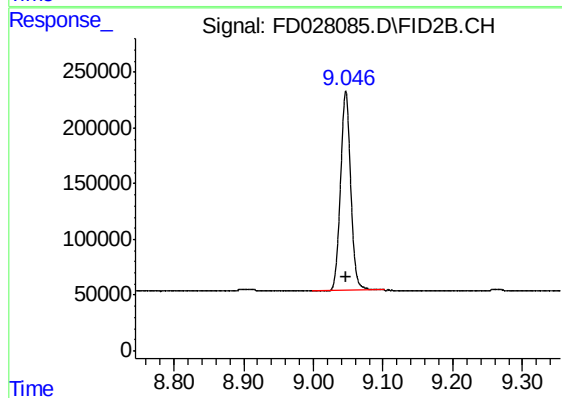
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.171 min
Delta R.T.: -0.002 min
Response: 1066648
Conc: 15.13 ug/ml



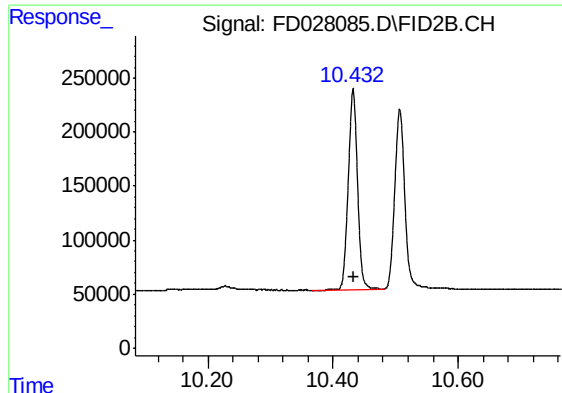
#7 Acenaphthene (C15.5)

R.T.: 8.269 min
Delta R.T.: -0.001 min
Response: 1858869
Conc: 15.30 ug/ml



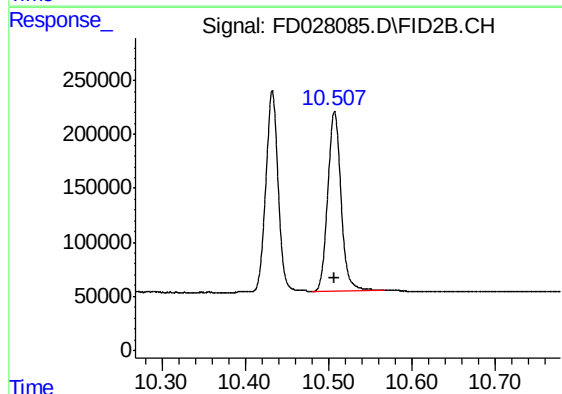
#8 Fluorene (C16.55)

R.T.: 9.047 min
Delta R.T.: 0.000 min
Response: 1815251
Conc: 15.09 ug/ml



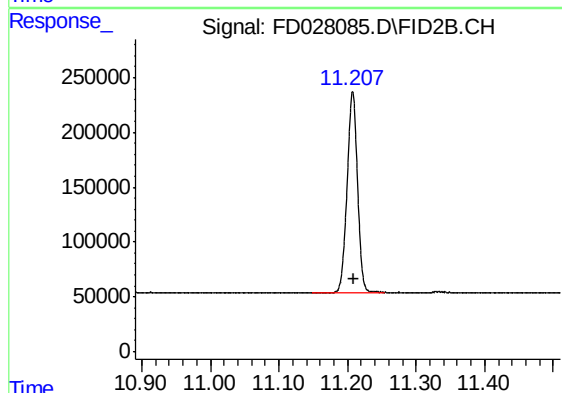
#9 Phenanthrene (C19.36)

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 1897864
Conc: 16.98 ug/ml



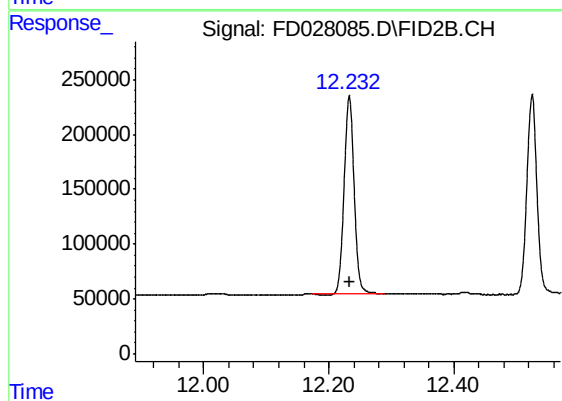
#10 Anthracene (C19.43)

R.T.: 10.507 min
Delta R.T.: 0.000 min
Response: 1841024
Conc: 16.63 ug/ml



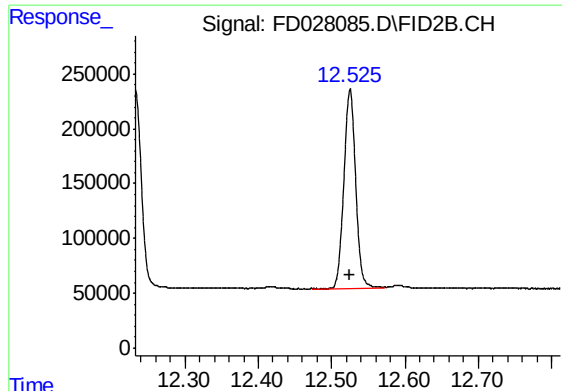
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 1917846
Conc: 16.73 ug/ml



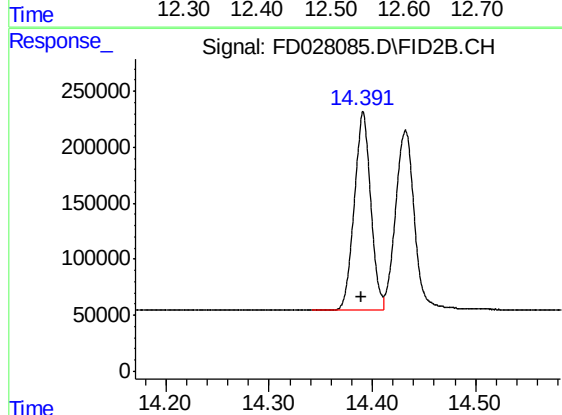
#12 Fluoranthene (C21.85)

R.T.: 12.233 min
Delta R.T.: 0.000 min
Response: 1997412
Conc: 18.41 ug/ml



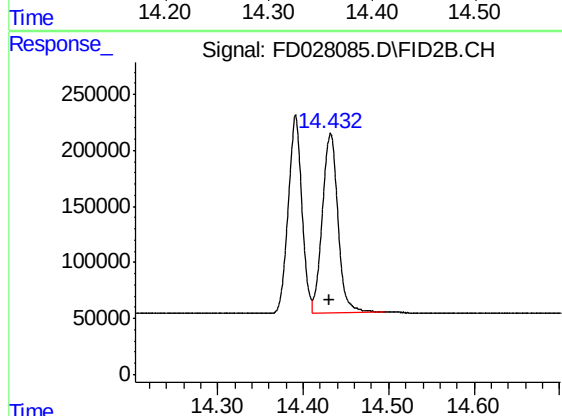
#13 Pyrene (C20.8)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2011050
Conc: 19.16 ug/ml



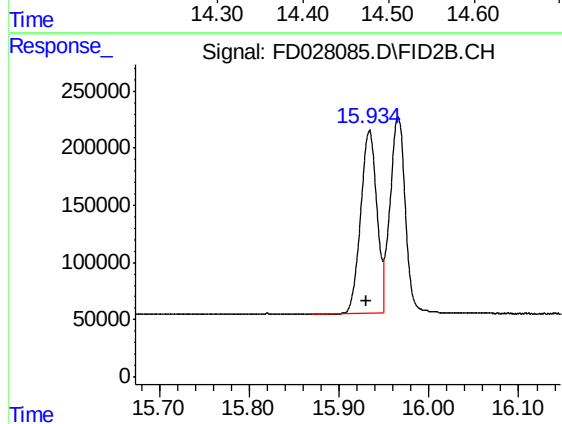
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.391 min
Delta R.T.: 0.002 min
Response: 1942302
Conc: 19.19 ug/ml



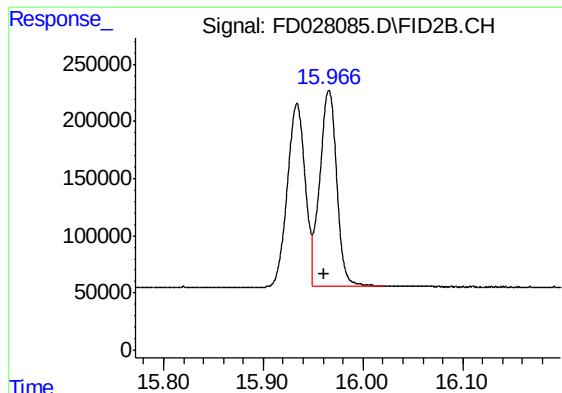
#15 Chrysene (C27.41)

R.T.: 14.432 min
Delta R.T.: 0.002 min
Response: 2011967
Conc: 19.51 ug/ml



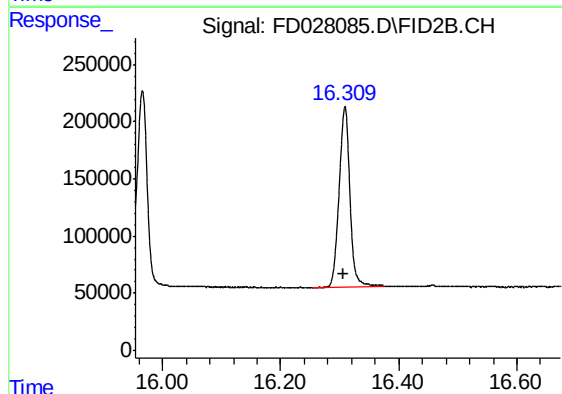
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.934 min
Delta R.T.: 0.003 min
Response: 1995881
Conc: 18.94 ug/ml



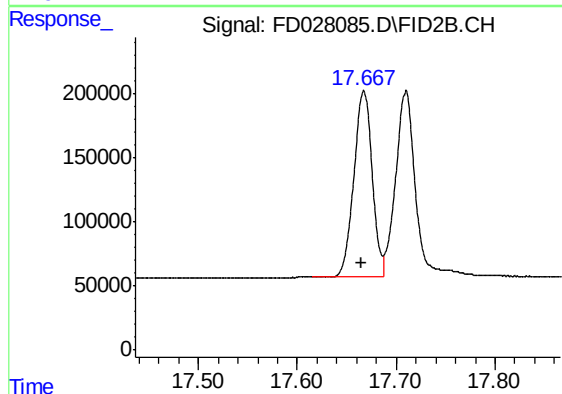
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.966 min
Delta R.T.: 0.004 min
Response: 2039358
Conc: 18.94 ug/ml



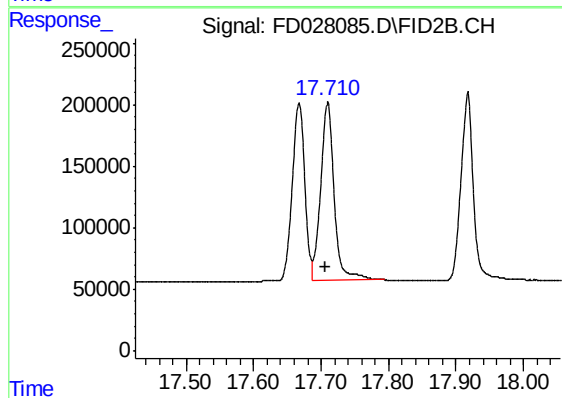
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.309 min
Delta R.T.: 0.003 min
Response: 1976263
Conc: 18.46 ug/ml



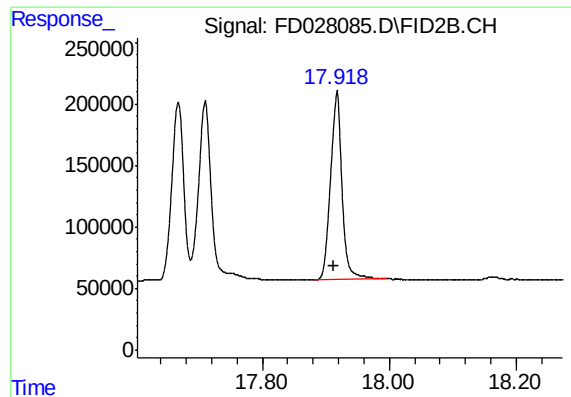
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.667 min
Delta R.T.: 0.003 min
Response: 1854698
Conc: 18.12 ug/ml



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

R.T.: 17.710 min
Delta R.T.: 0.004 min
Response: 2007507
Conc: 19.92 ug/ml



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

R.T.: 17.918 min
Delta R.T.: 0.004 min
Response: 1923023
Conc: 17.80 ug/ml