

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051721AR\
 Data File : FD037513.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2021 10:01
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 18 03:11:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 2021
 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...	7.557	1915560	19.046 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
6) S 2-Fluorobiphenyl (SURR)	8.416	1297580	19.199 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.40%
11) S ortho-Terphenyl (SURR)	11.455	2274693	19.096 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	1993019	19.073 ug/ml
2) T Naphthalene (C11.7)	5.895	2125622	19.048 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	2138893	19.051 ug/ml
5) T Acenaphthylene (C15.06)	8.220	2094778	19.103 ug/ml
7) T Acenaphthene (C15.5)	8.515	2165873	19.041 ug/ml
8) T Fluorene (C16.55)	9.294	2104468	18.989 ug/ml
9) T Phenanthrene (C19.36)	10.689	2150450	19.126 ug/ml
10) T Anthracene (C19.43)	10.763	2058198	18.714 ug/ml
12) T Fluoranthene (C21.85)	12.497	2204801	18.998 ug/ml
13) T Pyrene (C20.8)	12.793	2187308	18.933 ug/ml
14) T Benzo[a]anthracene (C...	14.662	2052617	18.630 ug/ml
15) T Chrysene (C27.41)	14.704	2151291	18.674 ug/ml
16) T benzo[b]fluoranthene ...	16.211	2109626	18.653 ug/ml
17) T Bnezo[k]fluoranthene ...	16.243	2071181	18.681 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.588	1927944	18.407 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.953	1866387	17.180 ug/ml
20) T Dibenz[a,h]anthracene...	17.991	1852512	16.922 ug/ml
21) T Benzo[g,h,i]perylene ...	18.206	1993335	18.240 ug/ml

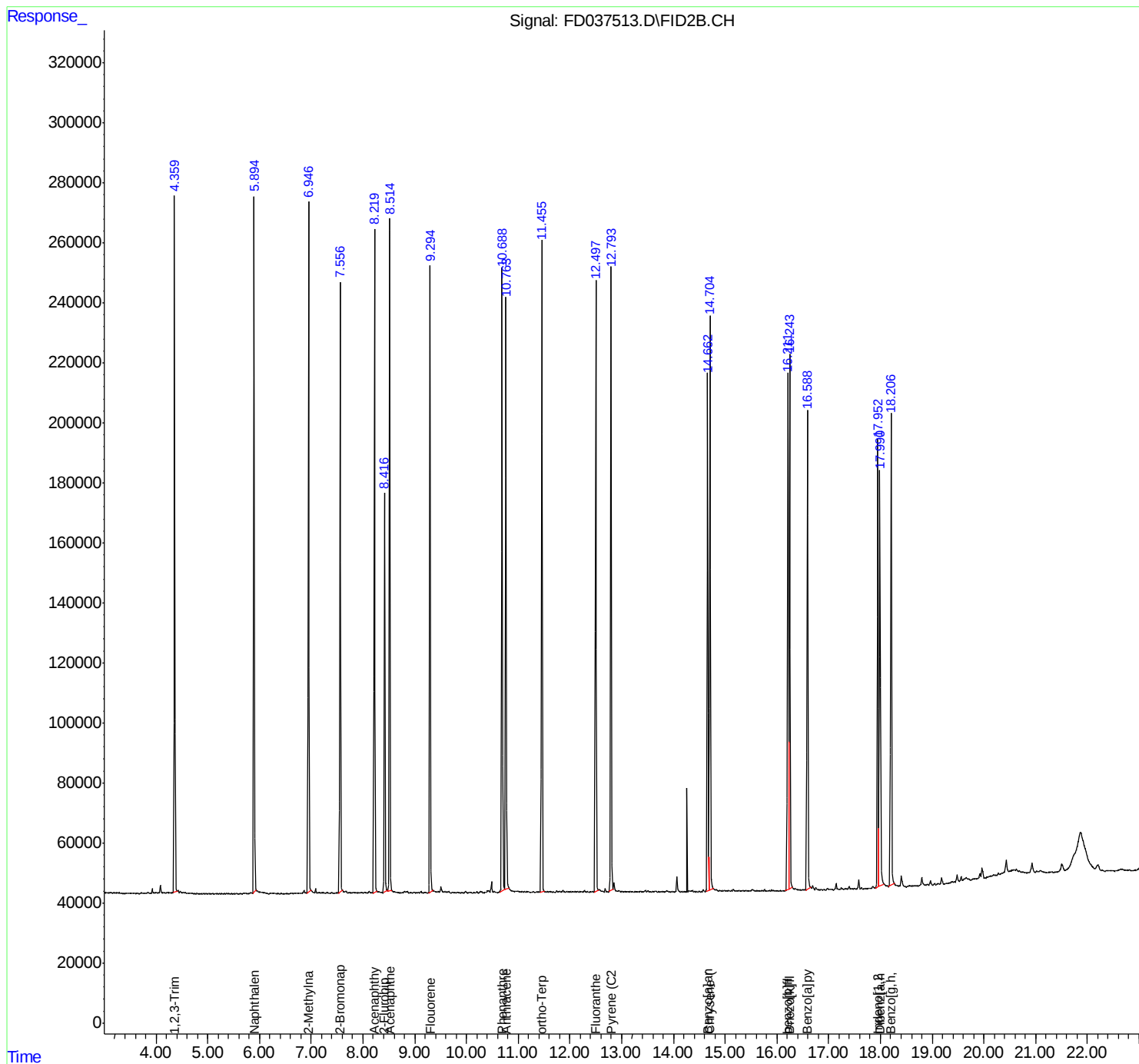
(f)=RT Delta > 1/2 Window

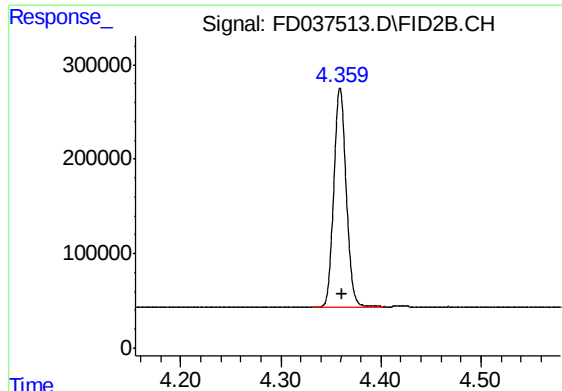
(m)=manual int.

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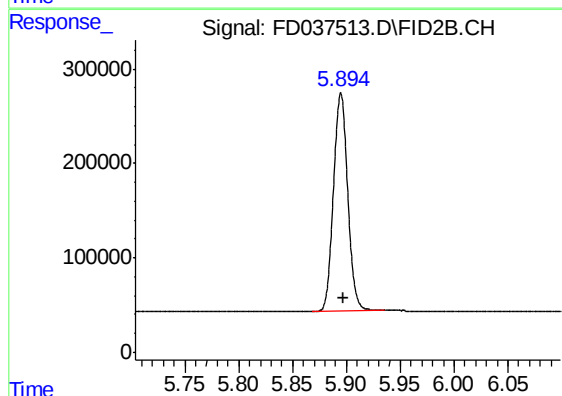
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Signal Info : 20M x 0.18mm x 0.18µm





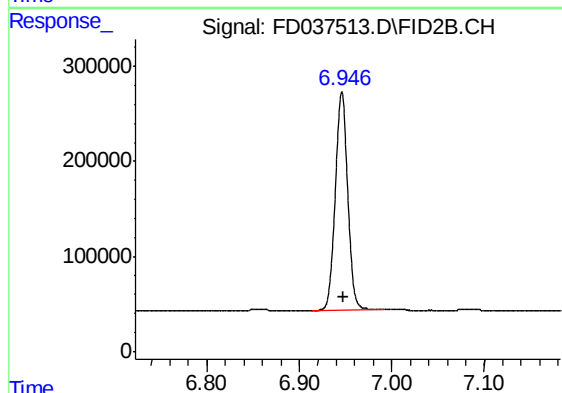
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 1993019
Conc: 19.07 ug/ml



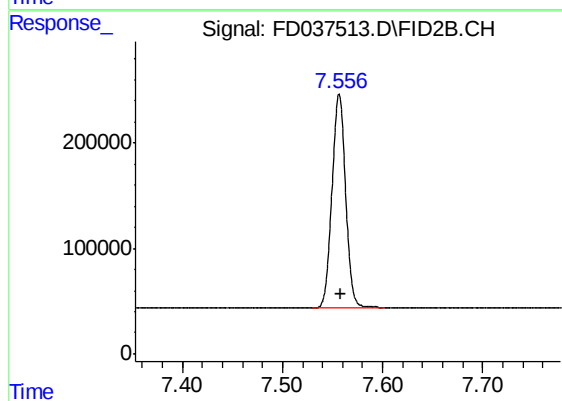
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 2125622
Conc: 19.05 ug/ml



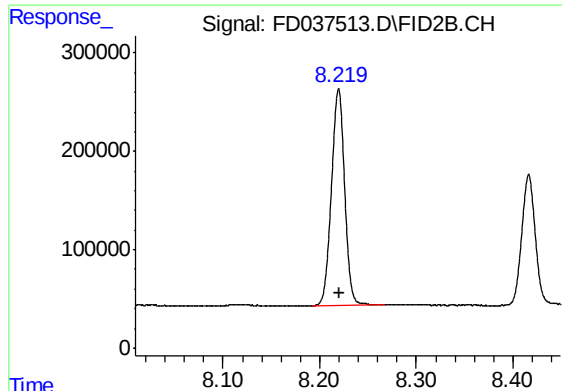
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 2138893
Conc: 19.05 ug/ml



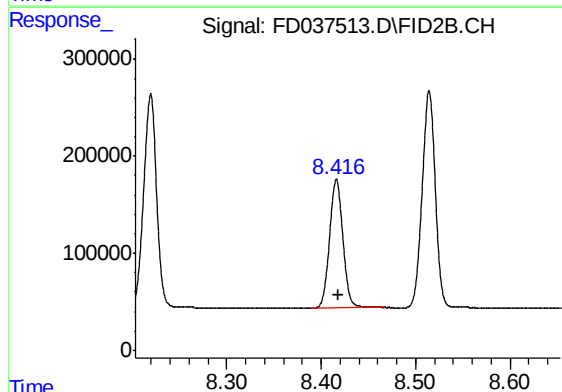
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.001 min
Response: 1915560
Conc: 19.05 ug/ml



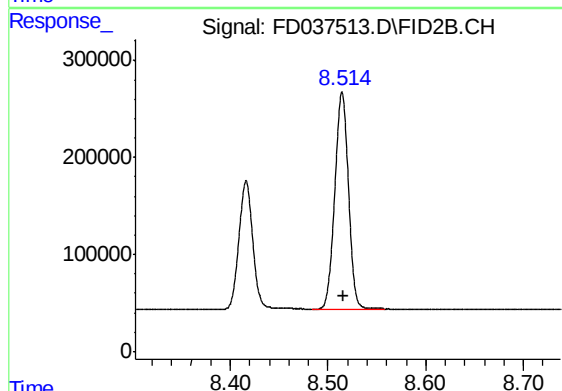
#5 Acenaphthylene (C15.06)

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 2094778
Conc: 19.10 ug/ml



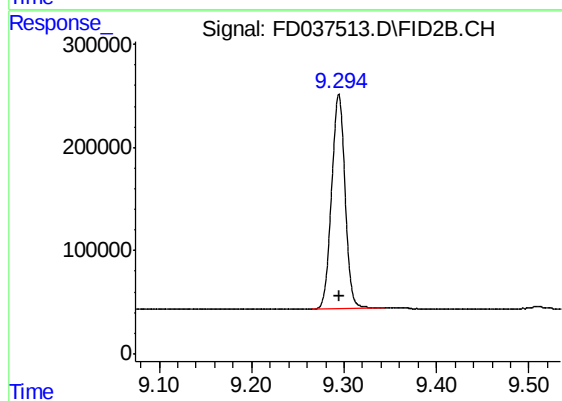
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: -0.002 min
Response: 1297580
Conc: 19.20 ug/ml



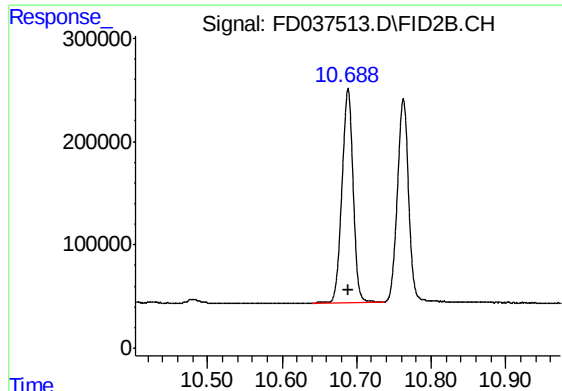
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 2165873
Conc: 19.04 ug/ml



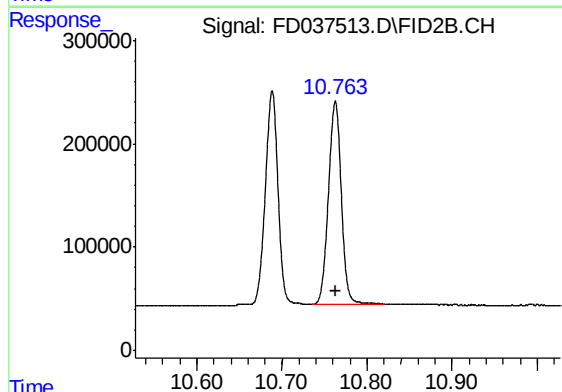
#8 Flouorene (C16.55)

R.T.: 9.294 min
Delta R.T.: 0.000 min
Response: 2104468
Conc: 18.99 ug/ml



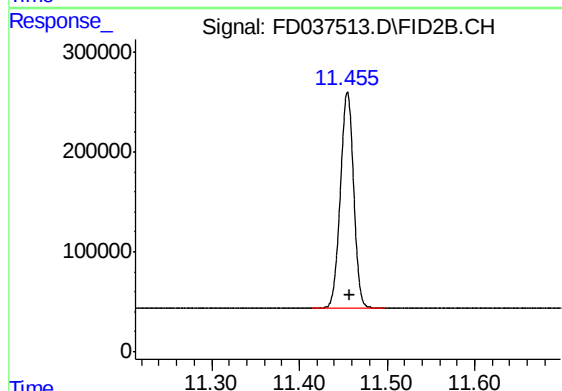
#9 Phenanthrene (C19.36)

R.T.: 10.689 min
Delta R.T.: 0.000 min
Response: 2150450
Conc: 19.13 ug/ml



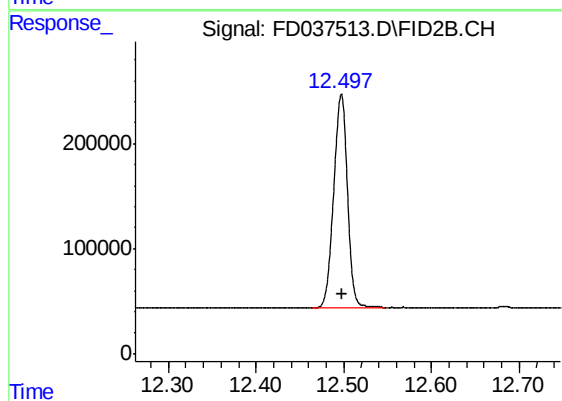
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: 0.000 min
Response: 2058198
Conc: 18.71 ug/ml



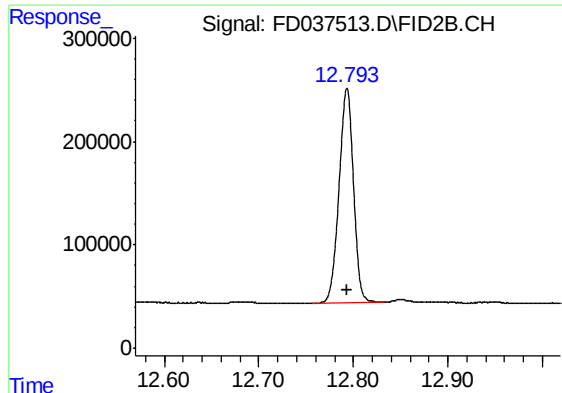
#11 ortho-Terphenyl (SURRE)

R.T.: 11.455 min
Delta R.T.: -0.002 min
Response: 2274693
Conc: 19.10 ug/ml



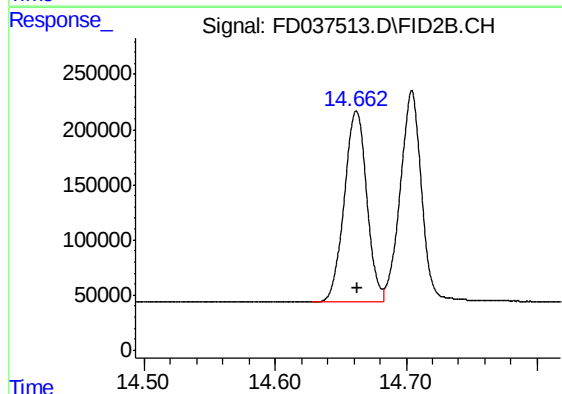
#12 Fluoranthene (C21.85)

R.T.: 12.497 min
Delta R.T.: 0.000 min
Response: 2204801
Conc: 19.00 ug/ml



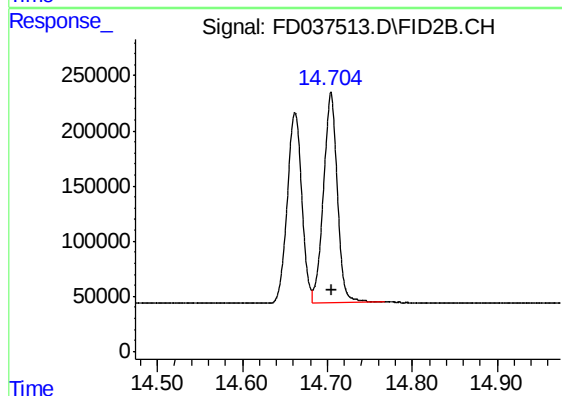
#13 Pyrene (C20.8)

R.T.: 12.793 min
Delta R.T.: 0.000 min
Response: 2187308
Conc: 18.93 ug/ml



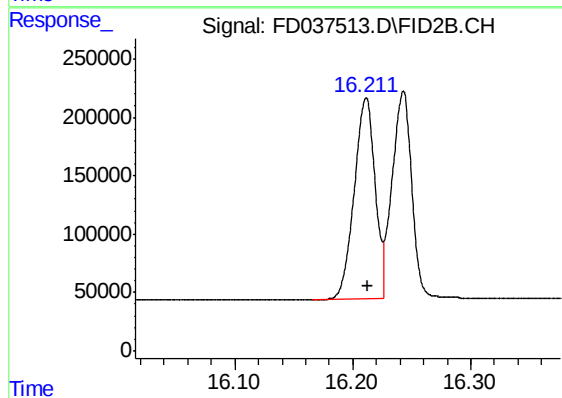
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.662 min
Delta R.T.: -0.001 min
Response: 2052617
Conc: 18.63 ug/ml



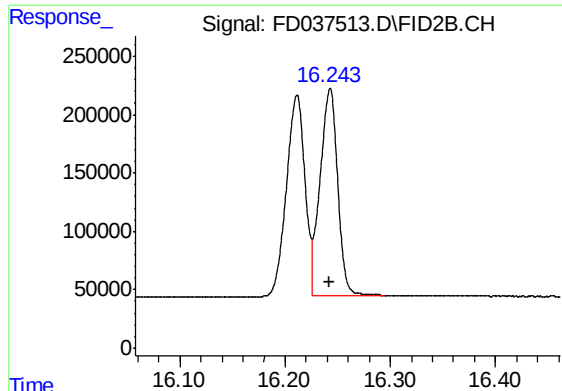
#15 Chrysene (C27.41)

R.T.: 14.704 min
Delta R.T.: 0.000 min
Response: 2151291
Conc: 18.67 ug/ml



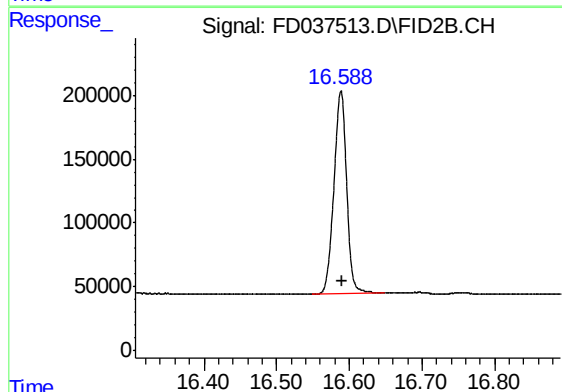
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 2109626
Conc: 18.65 ug/ml



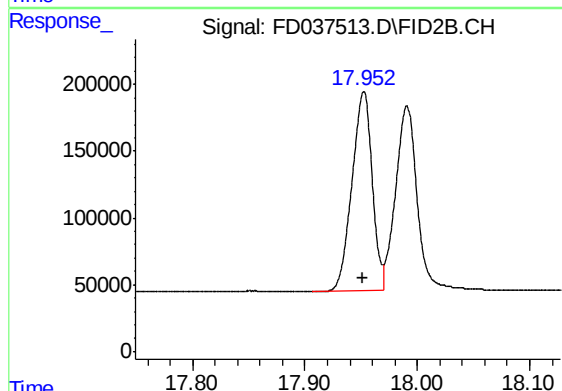
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min
Delta R.T.: 0.000 min
Response: 2071181
Conc: 18.68 ug/ml



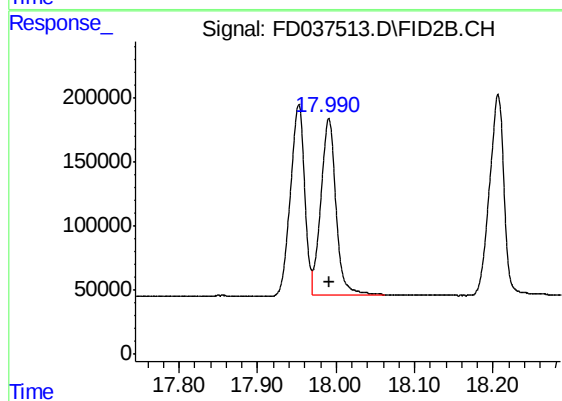
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.588 min
Delta R.T.: -0.001 min
Response: 1927944
Conc: 18.41 ug/ml



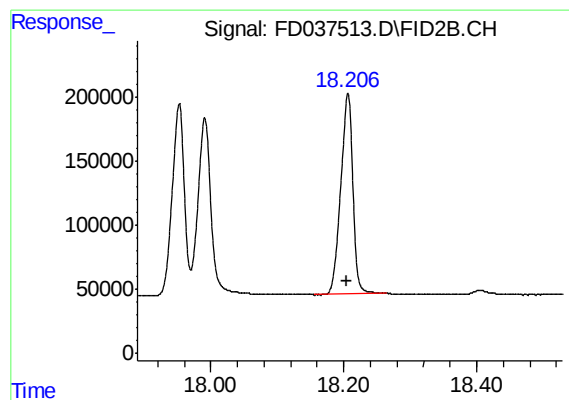
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.953 min
Delta R.T.: 0.002 min
Response: 1866387
Conc: 17.18 ug/ml



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

R.T.: 17.991 min
Delta R.T.: 0.000 min
Response: 1852512
Conc: 16.92 ug/ml



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

R.T.: 18.206 min
Delta R.T.: 0.001 min
Response: 1993335
Conc: 18.24 ug/ml