

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072920AR\
 Data File : FD034232.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jul 2020 23:07
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 30 01:38:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 2020
 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...	7.713	2181238	18.160 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
6) S 2-Fluorobiphenyl (SURR)	8.583	1471719	17.364 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.73%
11) S ortho-Terphenyl (SURR)	11.623	2283437	16.877 ug/ml
Spiked Amount 50.000		Recovery =	33.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2550661	19.312 ug/ml
2) T Naphthalene (C11.7)	6.051	2570734	18.560 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	2529207	18.161 ug/ml
5) T Acenaphthylene (C15.06)	8.385	2338676	17.396 ug/ml
7) T Acenaphthene (C15.5)	8.681	2392648	17.481 ug/ml
8) T Flouorene (C16.55)	9.463	2303562	17.133 ug/ml
9) T Phenanthrene (C19.36)	10.863	2241861	16.775 ug/ml
10) T Anthracene (C19.43)	10.937	2022252	15.240 ug/ml
12) T Fluoranthene (C21.85)	12.678	2200915	16.566 ug/ml
13) T Pyrene (C20.8)	12.976	2155212	16.625 ug/ml
14) T Benzo[a]anthracene (C...	14.849	2130111	17.111 ug/ml
15) T Chrysene (C27.41)	14.849	2130111	17.153 ug/ml
16) T benzo[b]fluoranthene ...	16.402	2181215	18.333 ug/ml
17) T Bnezo[k]fluoranthene ...	16.402	2181215	18.824 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	2147715	18.456 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	2200550	19.764 ug/ml
20) T Dibenz[a,h]anthracene...	18.146	2200550	19.917 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	2142780	19.404 ug/ml

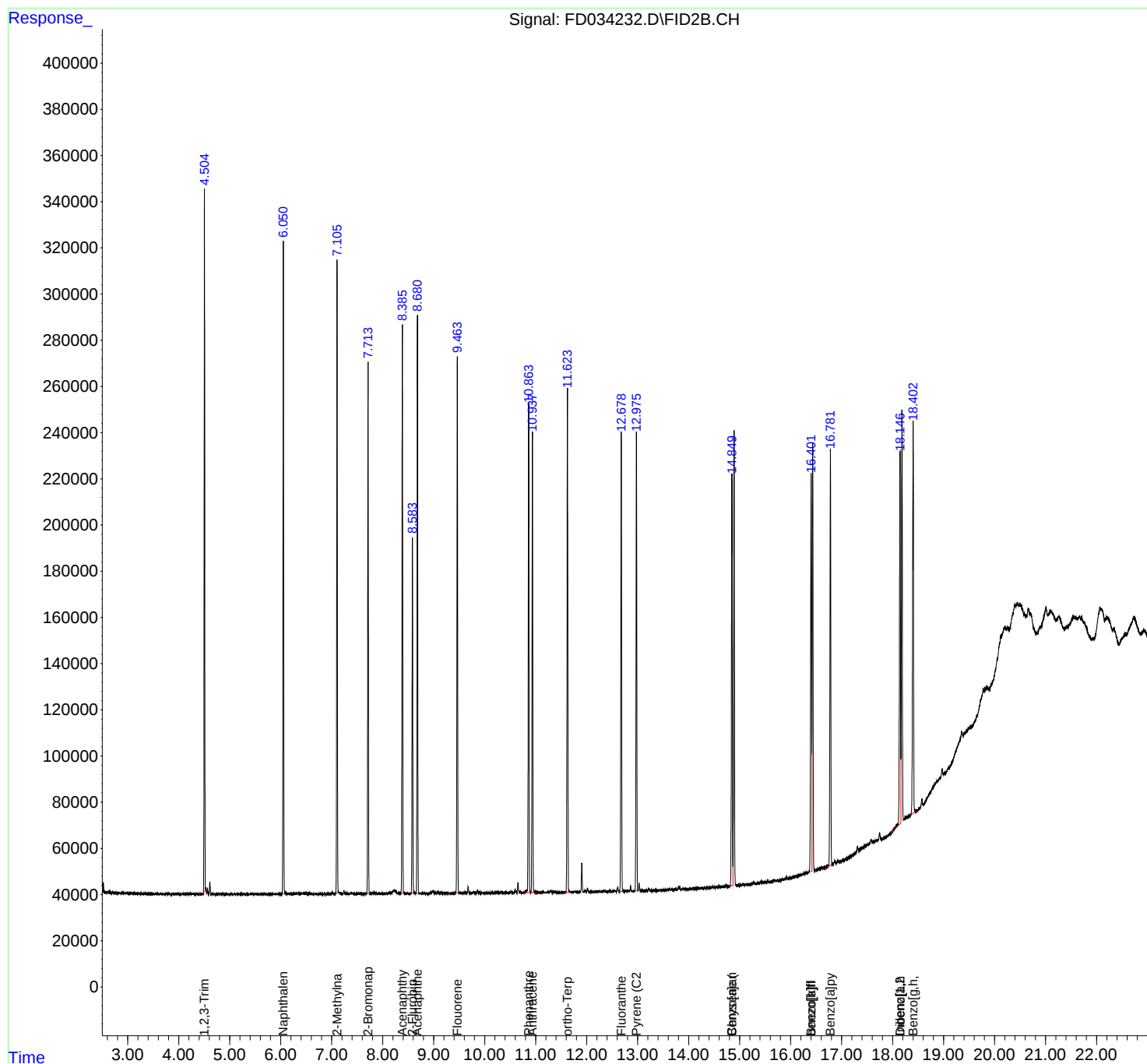
(f)=RT Delta > 1/2 Window

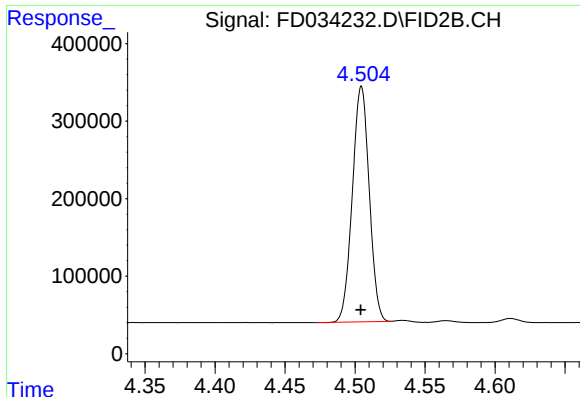
(m)=manual int.

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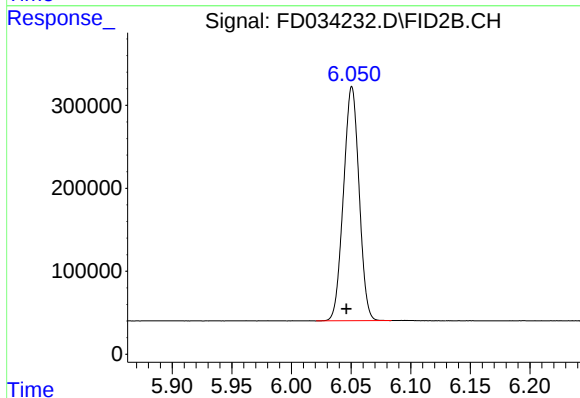
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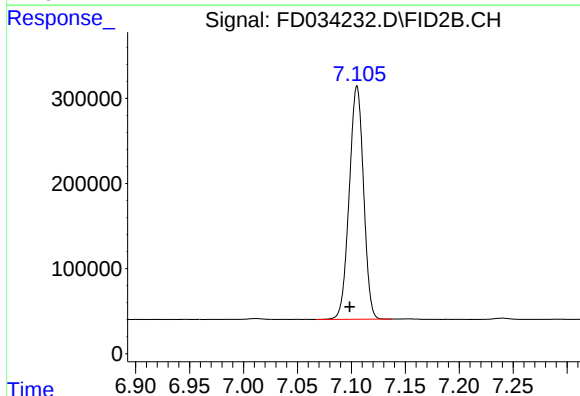
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 2550661
Conc: 19.31 ug/ml



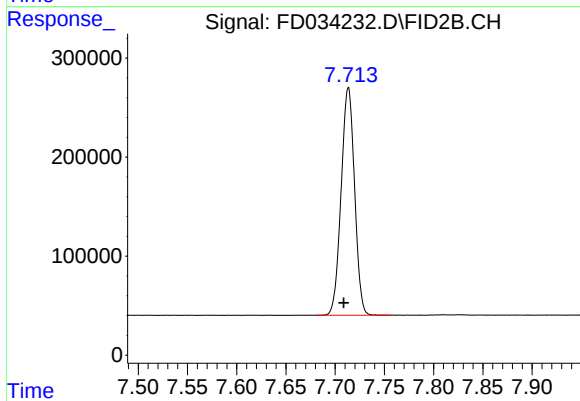
#2 Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: 0.005 min
Response: 2570734
Conc: 18.56 ug/ml



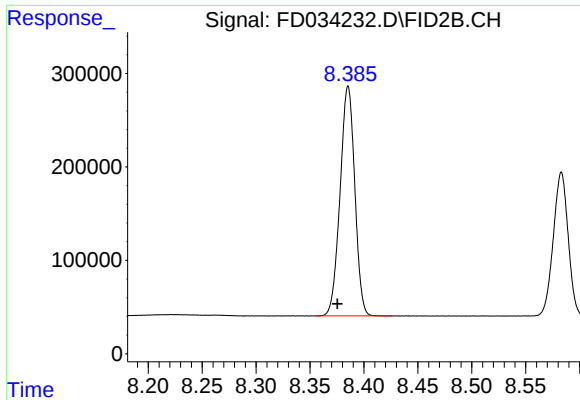
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: 0.007 min
Response: 2529207
Conc: 18.16 ug/ml



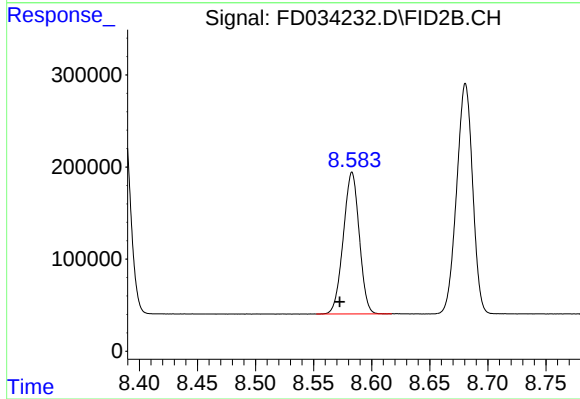
#4 2-Bromonaphthalene (SURR)

R.T.: 7.713 min
Delta R.T.: 0.005 min
Response: 2181238
Conc: 18.16 ug/ml



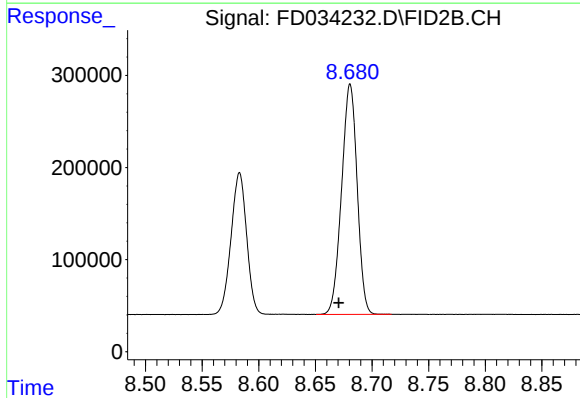
#5 Acenaphthylene (C15.06)

R.T.: 8.385 min
Delta R.T.: 0.010 min
Response: 2338676
Conc: 17.40 ug/ml



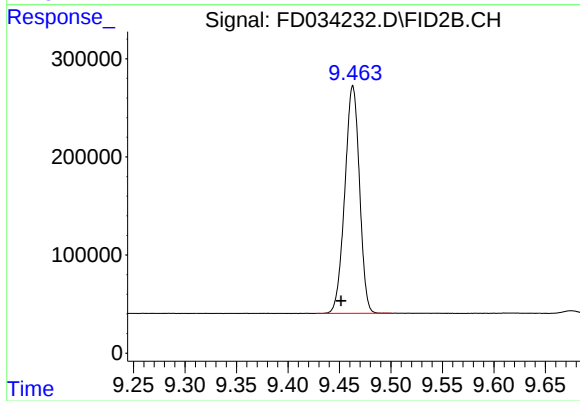
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.583 min
Delta R.T.: 0.011 min
Response: 1471719
Conc: 17.36 ug/ml



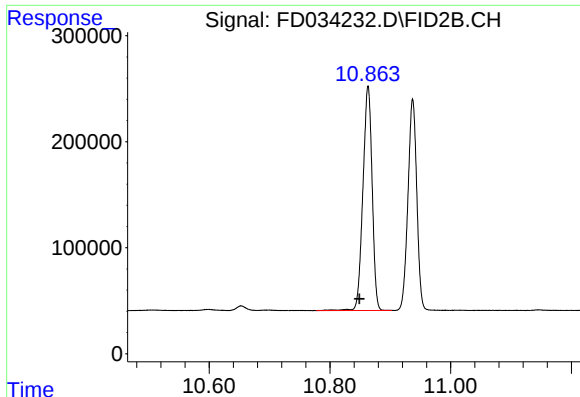
#7 Acenaphthene (C15.5)

R.T.: 8.681 min
Delta R.T.: 0.010 min
Response: 2392648
Conc: 17.48 ug/ml



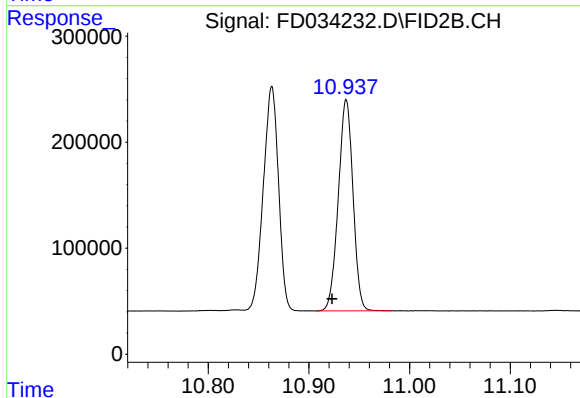
#8 Fluorene (C16.55)

R.T.: 9.463 min
Delta R.T.: 0.011 min
Response: 2303562
Conc: 17.13 ug/ml



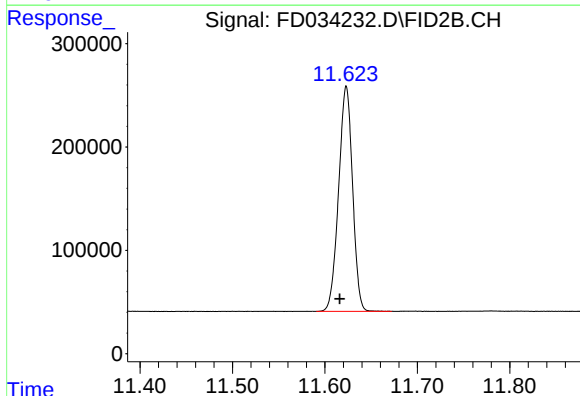
#9 Phenanthrene (C19.36)

R.T.: 10.863 min
Delta R.T.: 0.014 min
Response: 2241861
Conc: 16.78 ug/ml



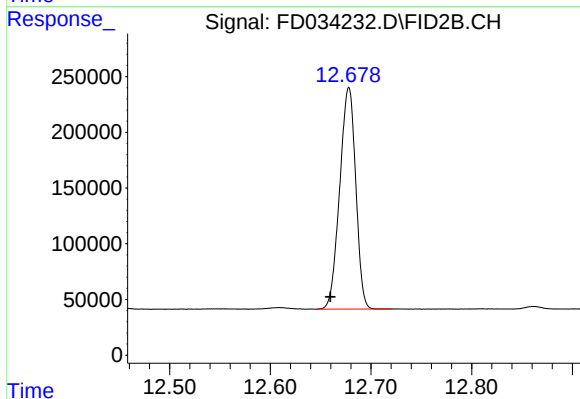
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: 0.014 min
Response: 2022252
Conc: 15.24 ug/ml



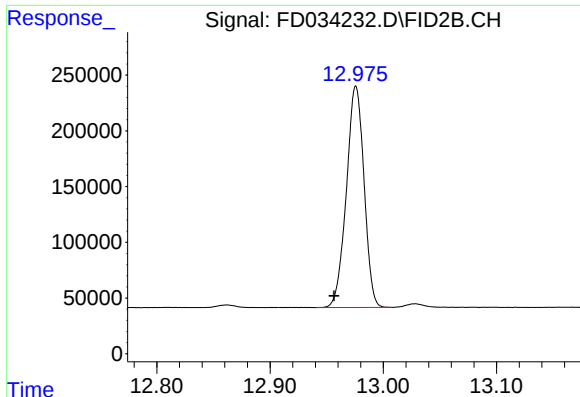
#11 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: 0.007 min
Response: 2283437
Conc: 16.88 ug/ml



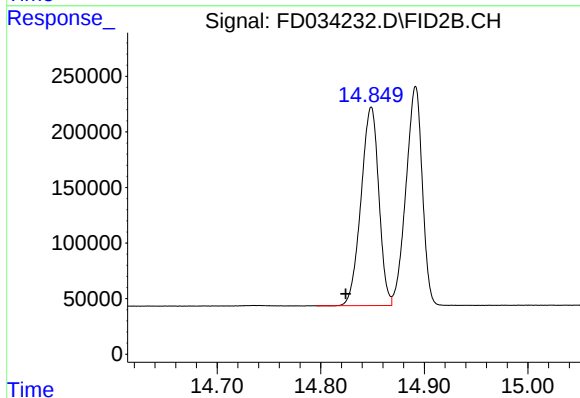
#12 Fluoranthene (C21.85)

R.T.: 12.678 min
Delta R.T.: 0.018 min
Response: 2200915
Conc: 16.57 ug/ml



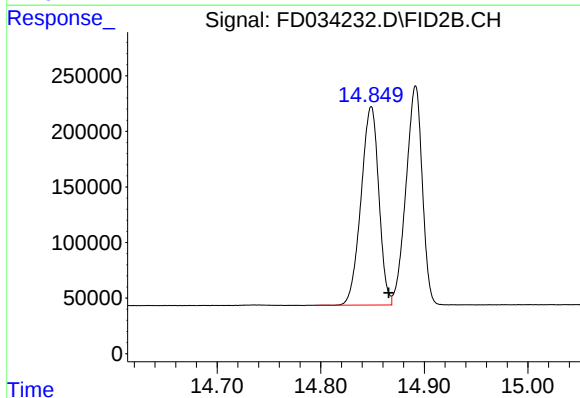
#13 Pyrene (C20.8)

R.T.: 12.976 min
Delta R.T.: 0.019 min
Response: 2155212
Conc: 16.63 ug/ml



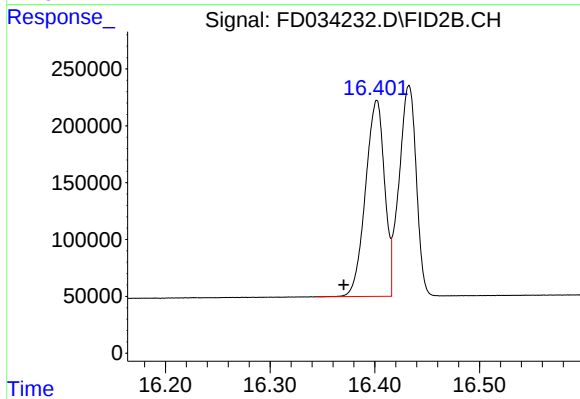
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.849 min
Delta R.T.: 0.025 min
Response: 2130111
Conc: 17.11 ug/ml



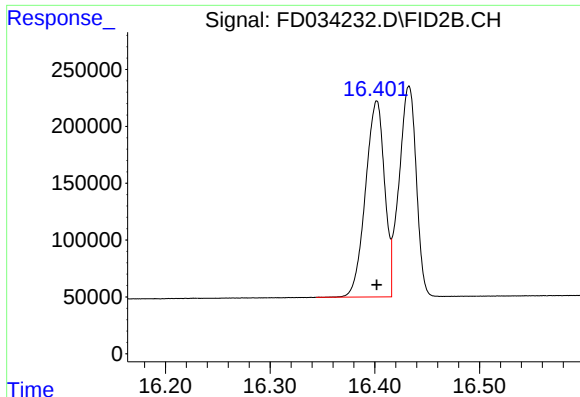
#15 Chrysene (C27.41)

R.T.: 14.849 min
Delta R.T.: -0.017 min
Response: 2130111
Conc: 17.15 ug/ml



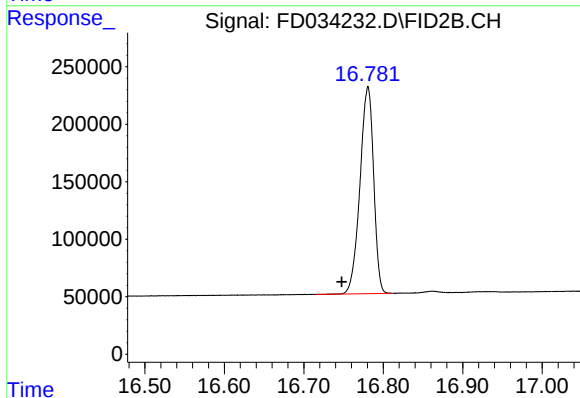
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.402 min
Delta R.T.: 0.032 min
Response: 2181215
Conc: 18.33 ug/ml



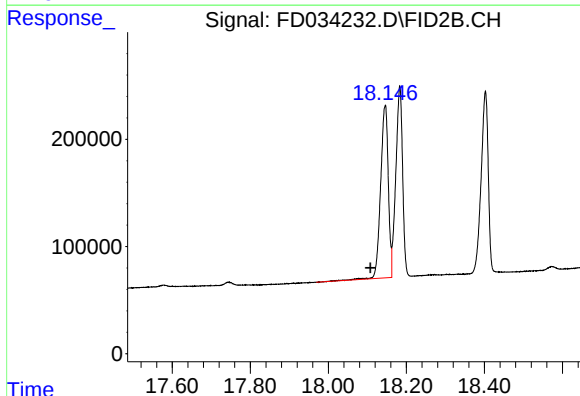
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.402 min
Delta R.T.: 0.000 min
Response: 2181215
Conc: 18.82 ug/ml



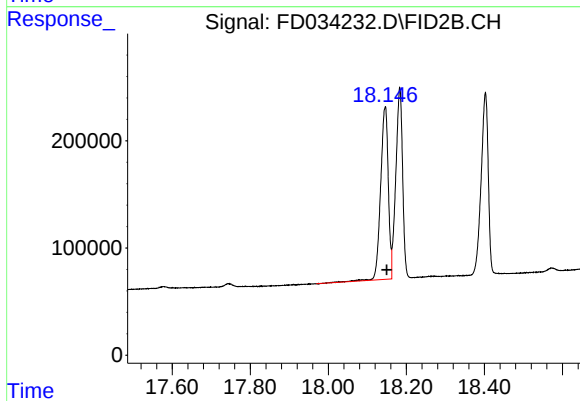
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.033 min
Response: 2147715
Conc: 18.46 ug/ml



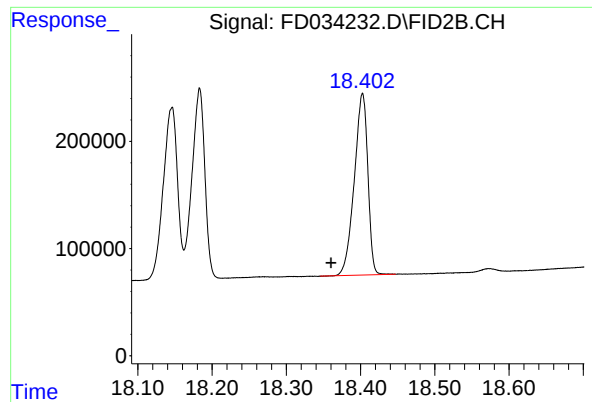
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: 0.037 min
Response: 2200550
Conc: 19.76 ug/ml



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

R.T.: 18.146 min
Delta R.T.: -0.004 min
Response: 2200550
Conc: 19.92 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.042 min
Response: 2142780
Conc: 19.40 ug/ml