

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102020AR\
 Data File : FD035101.D
 Signal(s) : FID2B.CH
 Acq On : 20 Oct 2020 16:42
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 21 01:17:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.651	2546986	21.849 ug/ml
Spiked Amount 50.000		Recovery =	43.70%
6) S 2-Fluorobiphenyl (SURR)	8.515	1727561	21.042 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.08%
11) S ortho-Terphenyl (SURR)	11.555	2818955	20.557 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.448	2890935	22.265 ug/ml
2) T Naphthalene (C11.7)	5.988	3013483	22.017 ug/ml
3) T 2-Methylnaphthalene (...)	7.041	3003892	21.900 ug/ml
5) T Acenaphthylene (C15.06)	8.318	2823872	20.858 ug/ml
7) T Acenaphthene (C15.5)	8.613	2945979	21.339 ug/ml
8) T Flouorene (C16.55)	9.394	2804587	20.863 ug/ml
9) T Phenanthrene (C19.36)	10.792	2673981	20.020 ug/ml
10) T Anthracene (C19.43)	10.866	2381877	17.638 ug/ml
12) T Fluoranthene (C21.85)	12.604	2535518	19.267 ug/ml
13) T Pyrene (C20.8)	12.900	2402075	18.763 ug/ml
14) T Benzo[a]anthracene (C...	14.813	2295946	20.168 ug/ml
15) T Chrysene (C27.41)	14.813	2295946	18.745 ug/ml
16) T benzo[b]fluoranthene ...	16.354	2174117	20.284 ug/ml
17) T Bnezo[k]fluoranthene ...	16.354	2174117	20.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	1996664	20.491 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.104	2253167	24.322 ug/ml
20) T Dibenz[a,h]anthracene...	18.104	2253167	22.311 ug/ml
21) T Benzo[g,h,i]perylene ...	18.319	2194731	22.777 ug/ml

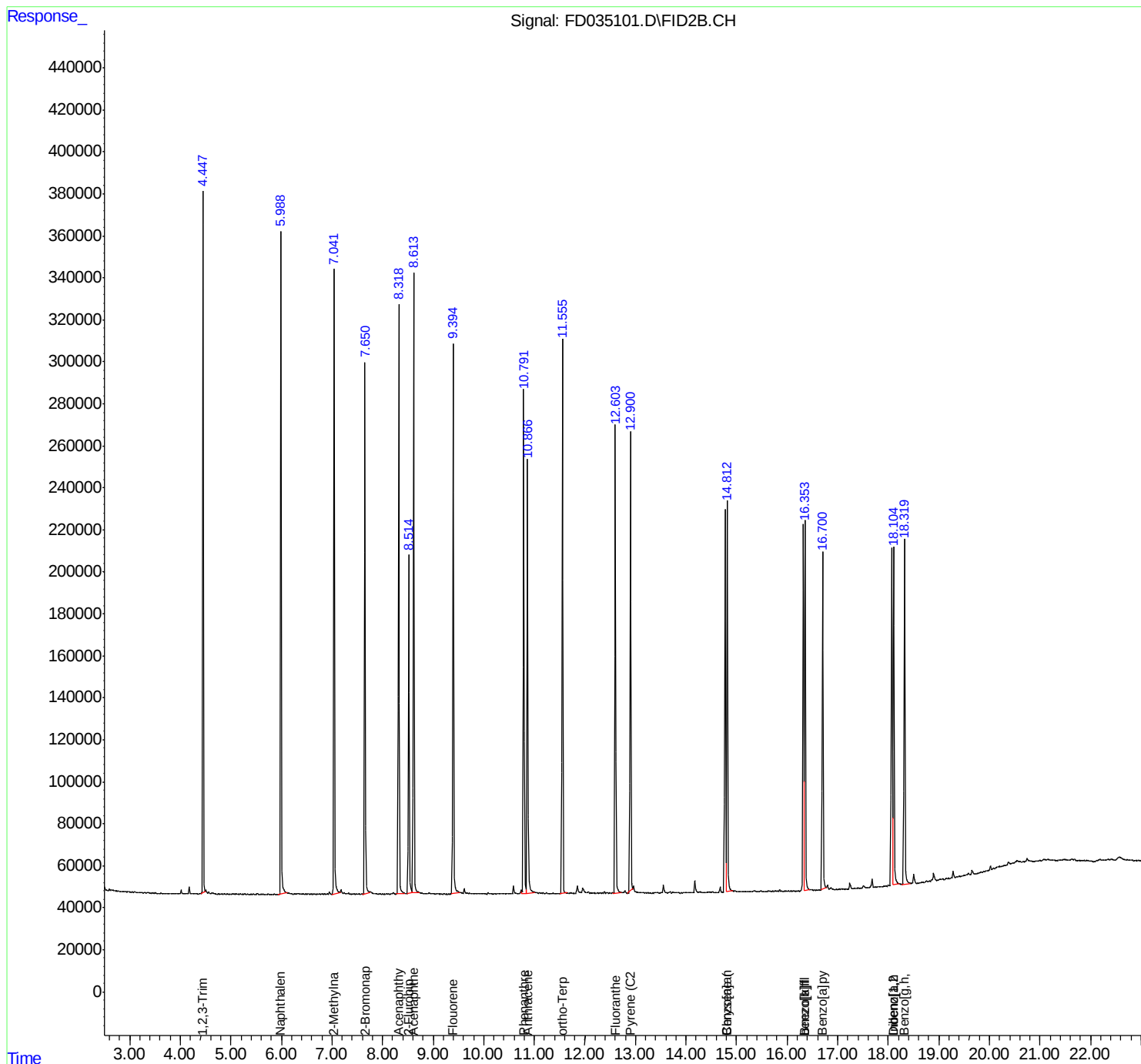
(f)=RT Delta > 1/2 Window

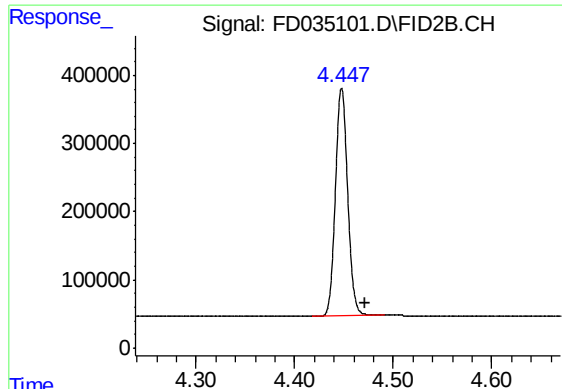
(m)=manual int.

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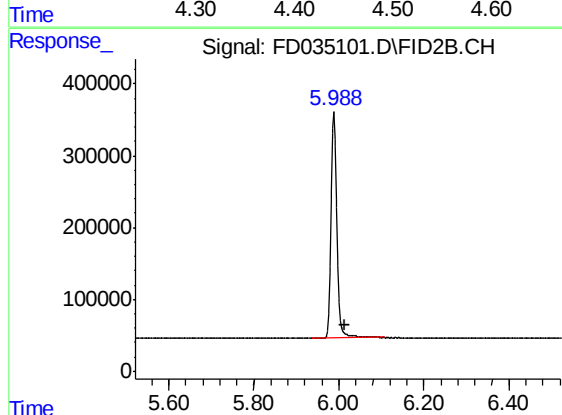
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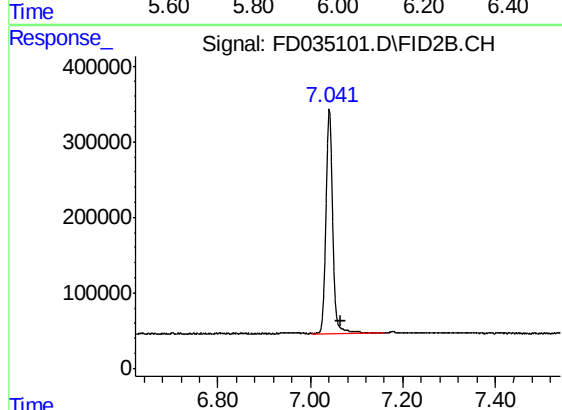
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.448 min
Delta R.T.: -0.023 min
Response: 2890935
Conc: 22.26 ug/ml



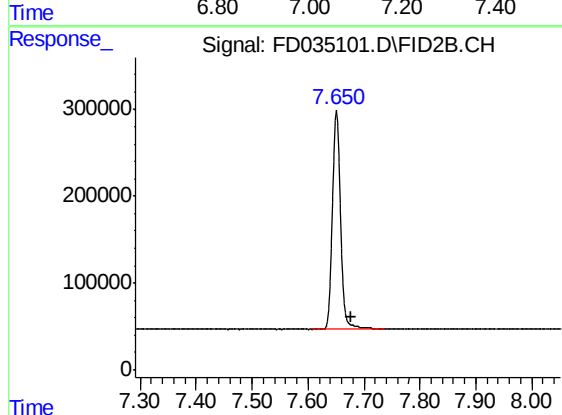
#2 Naphthalene (C11.7)

R.T.: 5.988 min
Delta R.T.: -0.025 min
Response: 3013483
Conc: 22.02 ug/ml



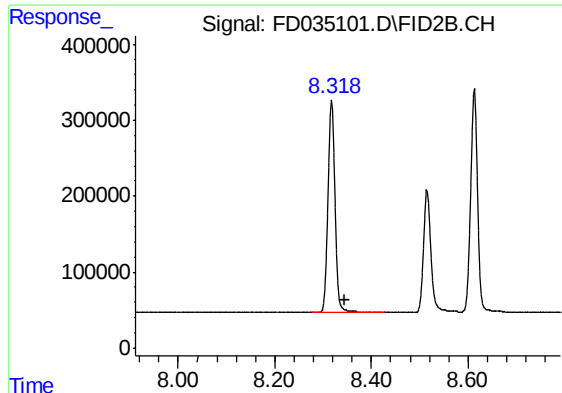
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: -0.026 min
Response: 3003892
Conc: 21.90 ug/ml



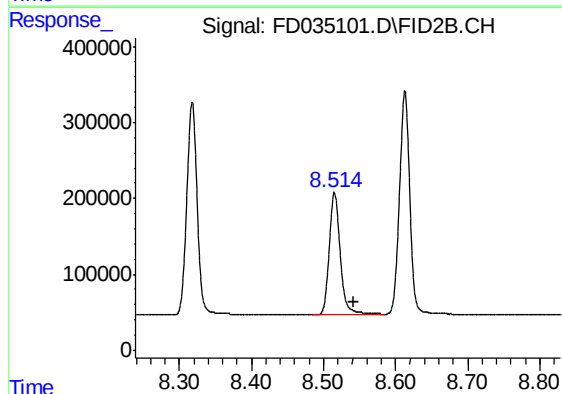
#4 2-Bromonaphthalene (SURR)

R.T.: 7.651 min
Delta R.T.: -0.026 min
Response: 2546986
Conc: 21.85 ug/ml



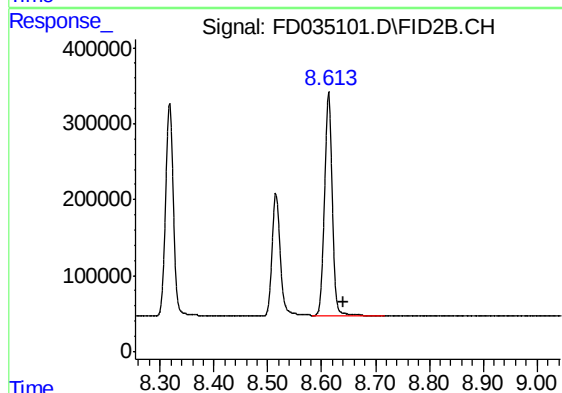
#5 Acenaphthylene (C15.06)

R.T.: 8.318 min
Delta R.T.: -0.027 min
Response: 2823872
Conc: 20.86 ug/ml



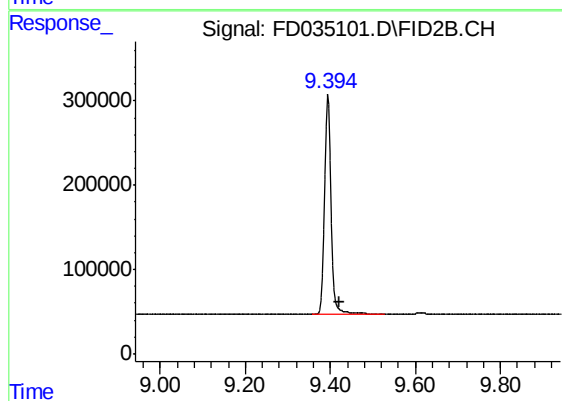
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: -0.027 min
Response: 1727561
Conc: 21.04 ug/ml



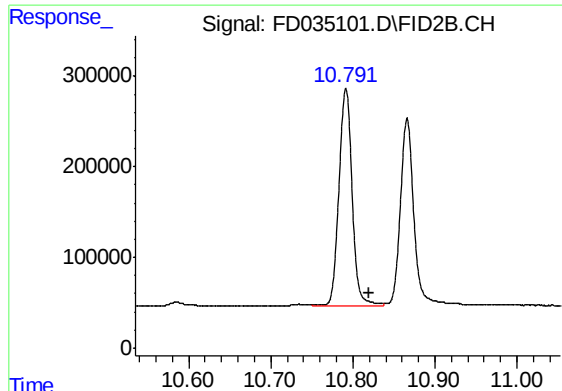
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: -0.027 min
Response: 2945979
Conc: 21.34 ug/ml



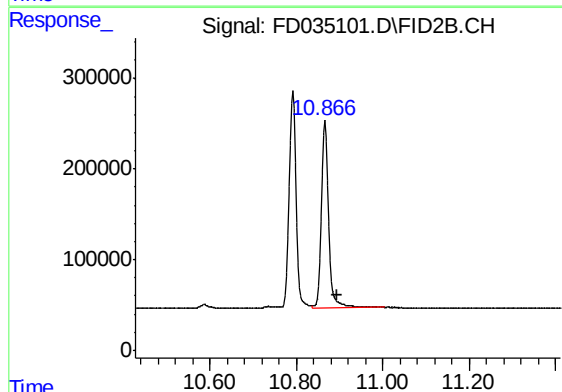
#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: -0.028 min
Response: 2804587
Conc: 20.86 ug/ml



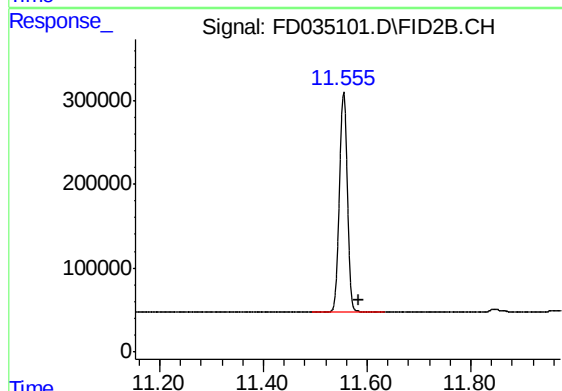
#9 Phenanthrene (C19.36)

R.T.: 10.792 min
Delta R.T.: -0.028 min
Response: 2673981
Conc: 20.02 ug/ml



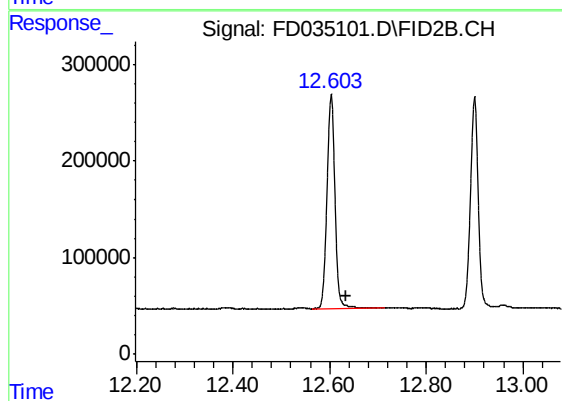
#10 Anthracene (C19.43)

R.T.: 10.866 min
Delta R.T.: -0.029 min
Response: 2381877
Conc: 17.64 ug/ml



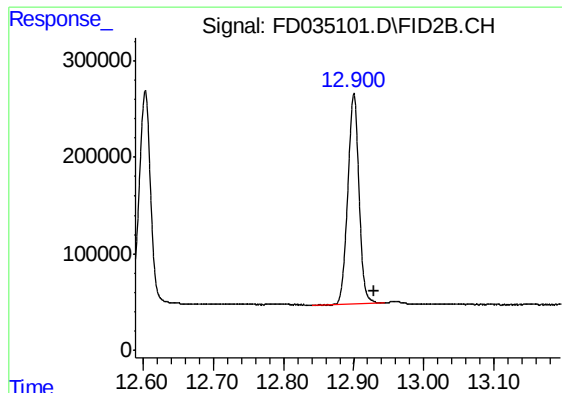
#11 ortho-Terphenyl (SURR)

R.T.: 11.555 min
Delta R.T.: -0.028 min
Response: 2818955
Conc: 20.56 ug/ml



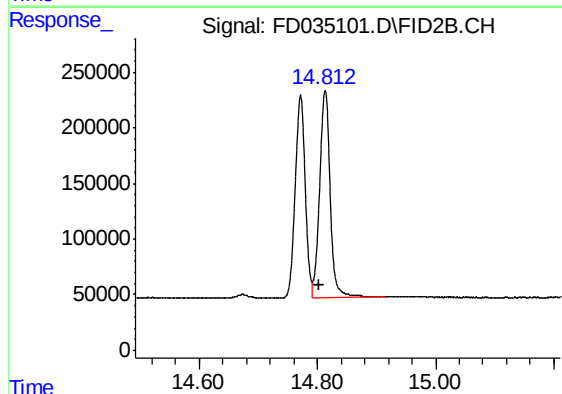
#12 Fluoranthene (C21.85)

R.T.: 12.604 min
Delta R.T.: -0.030 min
Response: 2535518
Conc: 19.27 ug/ml



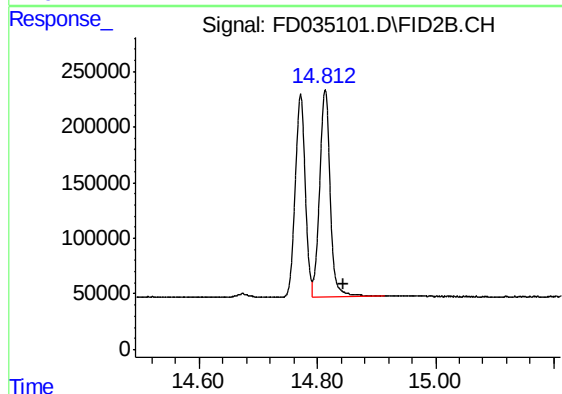
#13 Pyrene (C20.8)

R.T.: 12.900 min
Delta R.T.: -0.030 min
Response: 2402075
Conc: 18.76 ug/ml



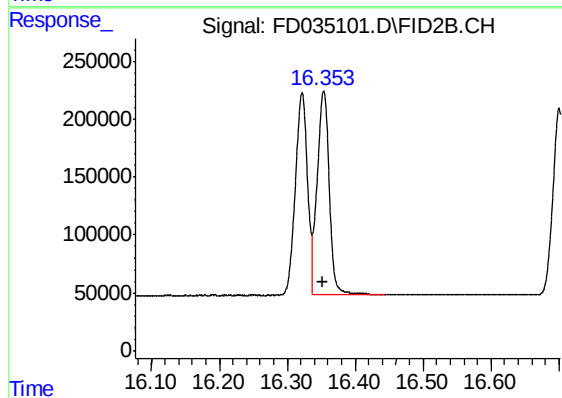
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.813 min
Delta R.T.: 0.011 min
Response: 2295946
Conc: 20.17 ug/ml



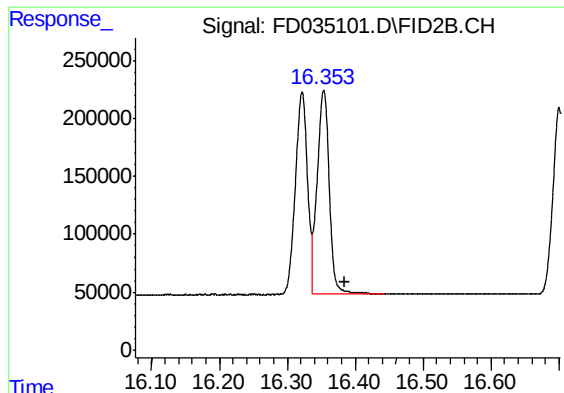
#15 Chrysene (C27.41)

R.T.: 14.813 min
Delta R.T.: -0.031 min
Response: 2295946
Conc: 18.75 ug/ml



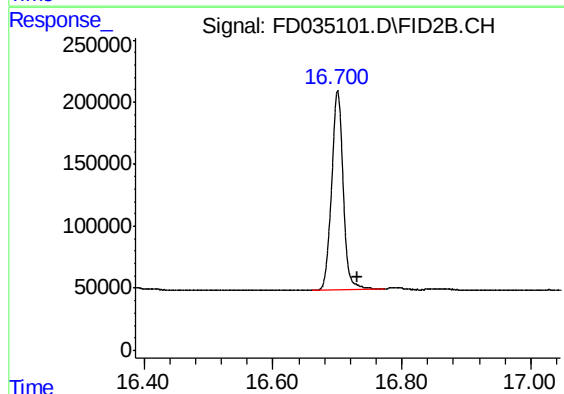
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.354 min
Delta R.T.: 0.001 min
Response: 2174117
Conc: 20.28 ug/ml



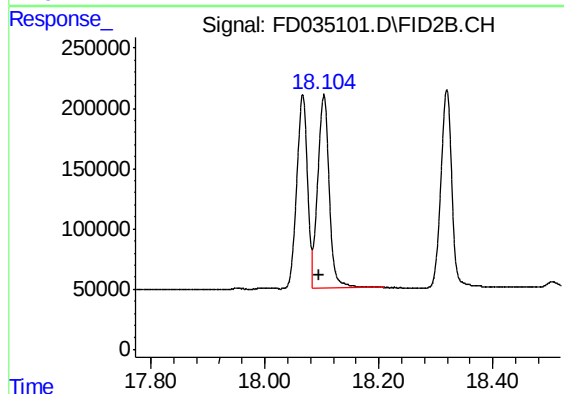
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.354 min
Delta R.T.: -0.030 min
Response: 2174117
Conc: 20.13 ug/ml



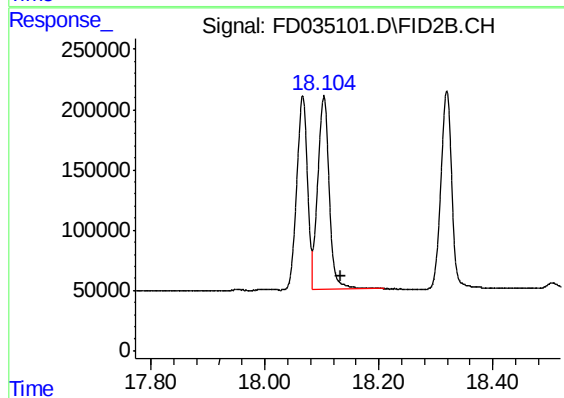
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.700 min
Delta R.T.: -0.030 min
Response: 1996664
Conc: 20.49 ug/ml



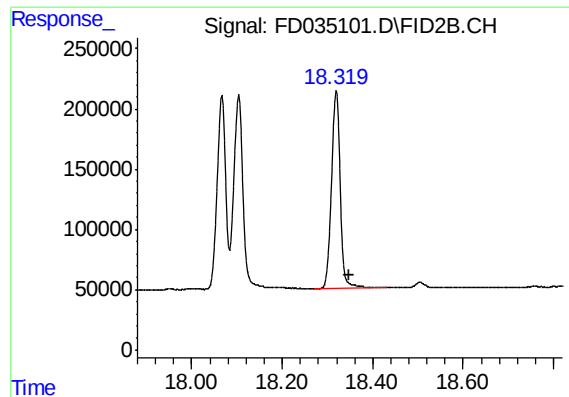
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.104 min
Delta R.T.: 0.008 min
Response: 2253167
Conc: 24.32 ug/ml



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

R.T.: 18.104 min
Delta R.T.: -0.030 min
Response: 2253167
Conc: 22.31 ug/ml



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

R.T.: 18.319 min
Delta R.T.: -0.030 min
Response: 2194731
Conc: 22.78 ug/ml