

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051320AR\
 Data File : FD033491.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2020 7:18
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 03:04:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 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...	7.583	2432328	22.117 ug/ml
Spiked Amount 50.000		Recovery =	44.23%
6) S 2-Fluorobiphenyl (SURR)	8.444	1649555	22.215 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.43%
11) S ortho-Terphenyl (SURR)	11.474	2761293	21.398 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	2501700	21.983 ug/ml
2) T Naphthalene (C11.7)	5.926	2625219	22.273 ug/ml
3) T 2-Methylnaphthalene (...)	6.974	2649362	22.247 ug/ml
5) T Acenaphthylene (C15.06)	8.246	2628767	21.777 ug/ml
7) T Acenaphthene (C15.5)	8.540	2777702	22.006 ug/ml
8) T Flouorene (C16.55)	9.320	2686362	21.936 ug/ml
9) T Phenanthrene (C19.36)	10.714	2754941	21.793 ug/ml
10) T Anthracene (C19.43)	10.789	2630051	21.616 ug/ml
12) T Fluoranthene (C21.85)	12.523	2802208	21.627 ug/ml
13) T Pyrene (C20.8)	12.820	2767960	21.426 ug/ml
14) T Benzo[a]anthracene (C...	14.691	2646477	21.664 ug/mlm
15) T Chrysene (C27.41)	14.733	2763670	21.462 ug/ml
16) T benzo[b]fluoranthene ...	16.244	2648596	21.288 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.275	2720785	21.131 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	2610852	21.137 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.993	2445764	20.617 ug/mlm
20) T Dibenz[a,h]anthracene...	18.026	2650751	21.441 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	2508020	20.786 ug/ml

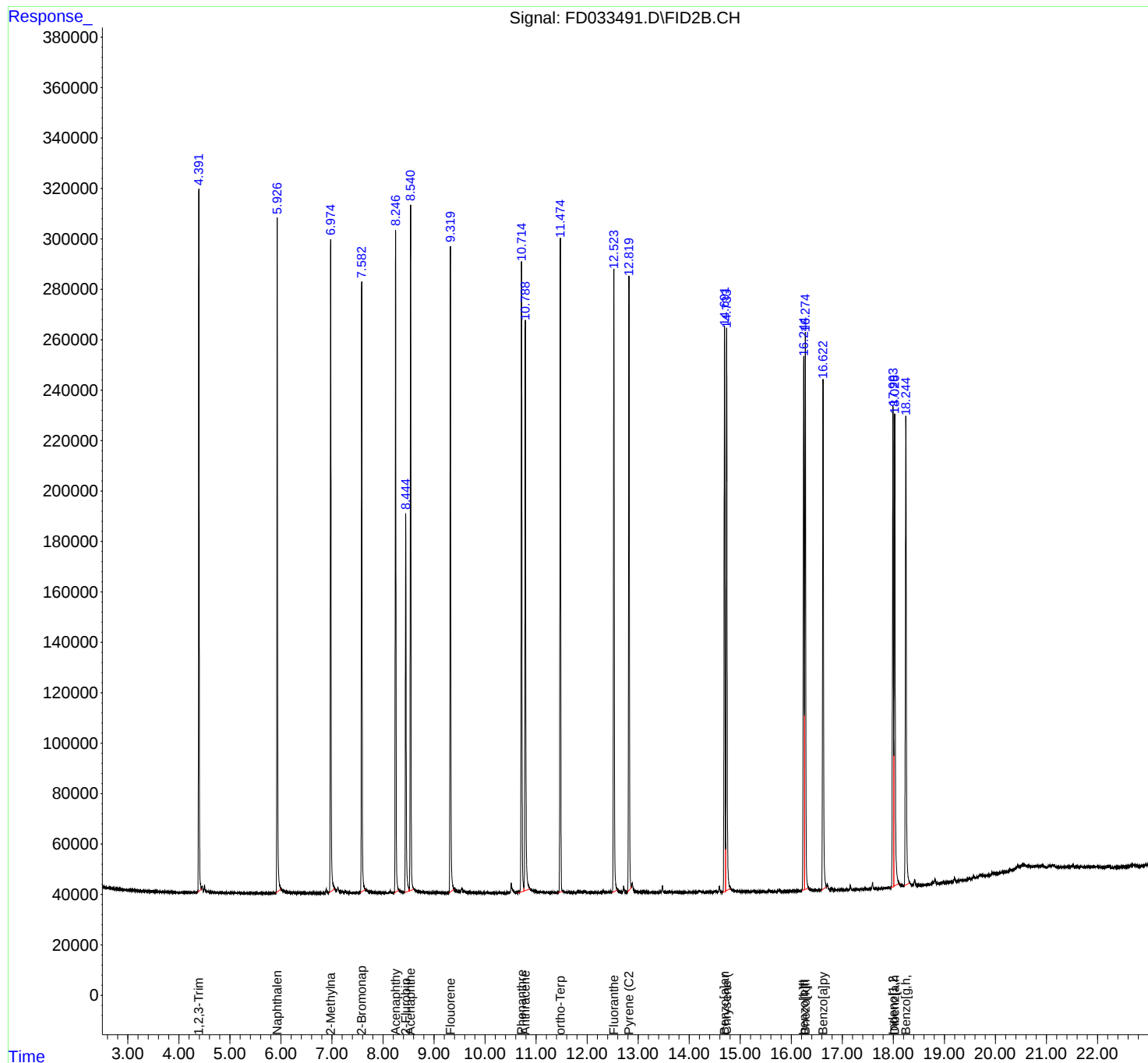
(f)=RT Delta > 1/2 Window

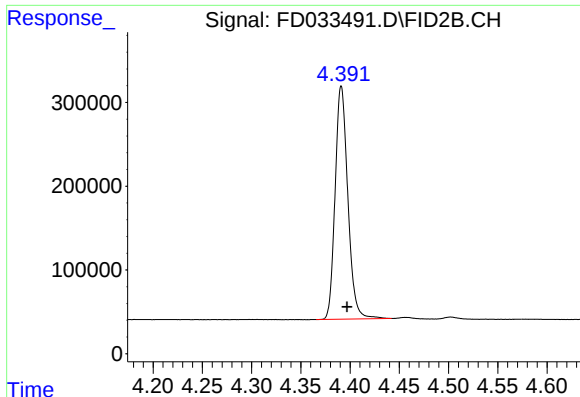
(m)=manual int.

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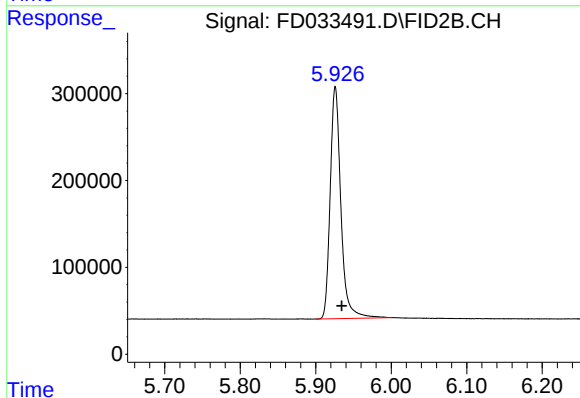
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





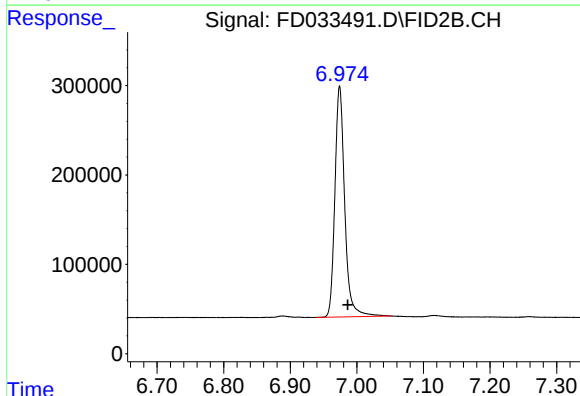
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: -0.006 min
Response: 2501700
Conc: 21.98 ug/ml



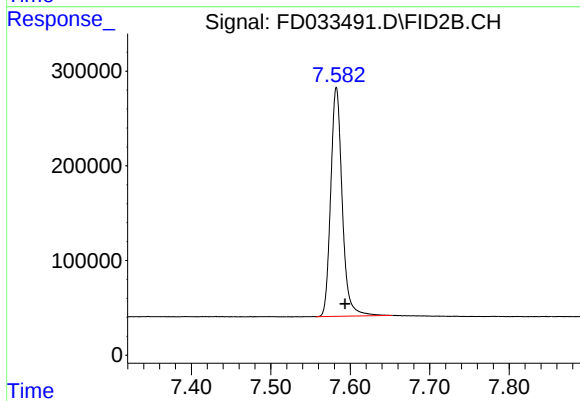
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.009 min
Response: 2625219
Conc: 22.27 ug/ml



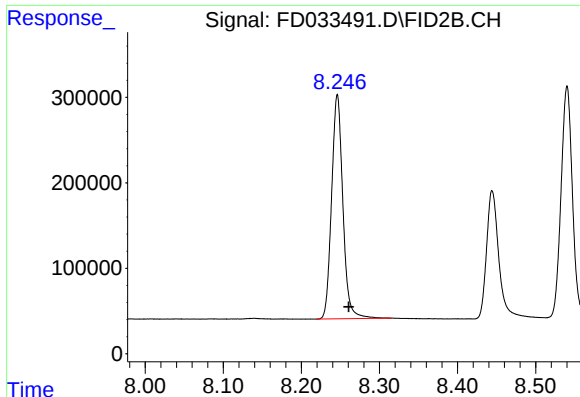
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min
Delta R.T.: -0.012 min
Response: 2649362
Conc: 22.25 ug/ml



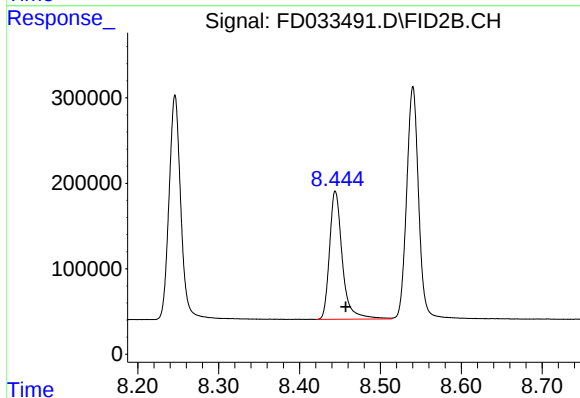
#4 2-Bromonaphthalene (SURR)

R.T.: 7.583 min
Delta R.T.: -0.011 min
Response: 2432328
Conc: 22.12 ug/ml



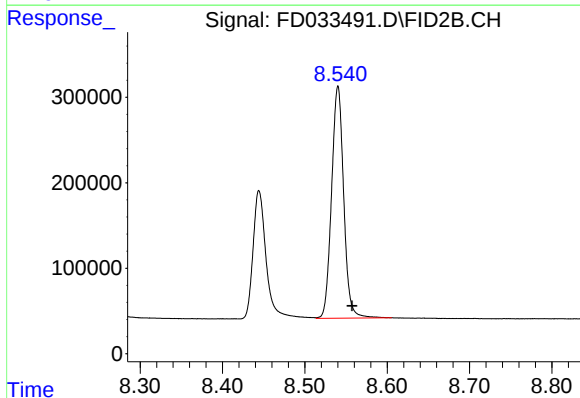
#5 Acenaphthylene (C15.06)

R.T.: 8.246 min
Delta R.T.: -0.014 min
Response: 2628767
Conc: 21.78 ug/ml



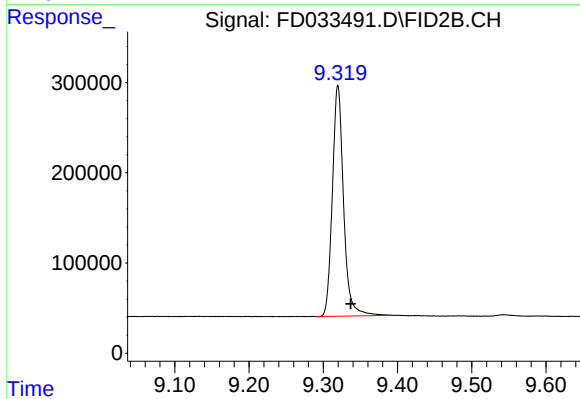
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.013 min
Response: 1649555
Conc: 22.22 ug/ml



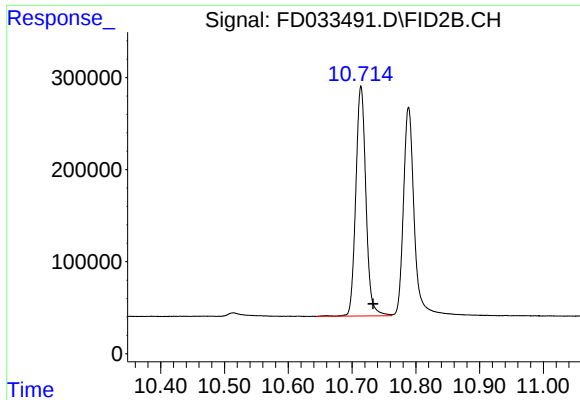
#7 Acenaphthene (C15.5)

R.T.: 8.540 min
Delta R.T.: -0.017 min
Response: 2777702
Conc: 22.01 ug/ml



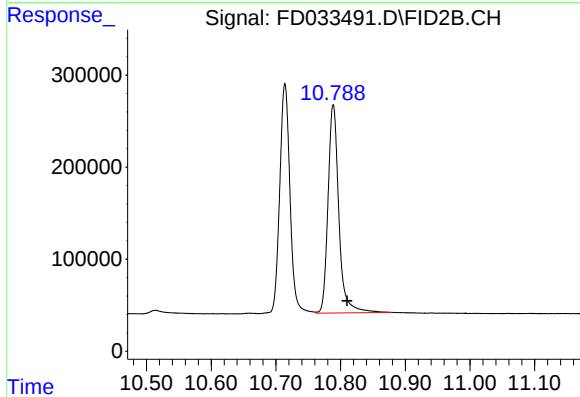
#8 Flouorene (C16.55)

R.T.: 9.320 min
Delta R.T.: -0.017 min
Response: 2686362
Conc: 21.94 ug/ml



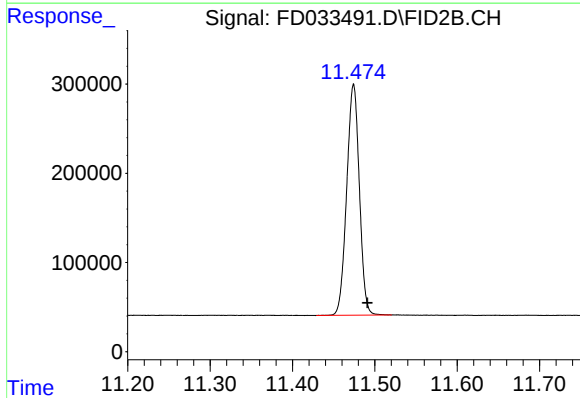
#9 Phenanthrene (C19.36)

R.T.: 10.714 min
Delta R.T.: -0.019 min
Response: 2754941
Conc: 21.79 ug/ml



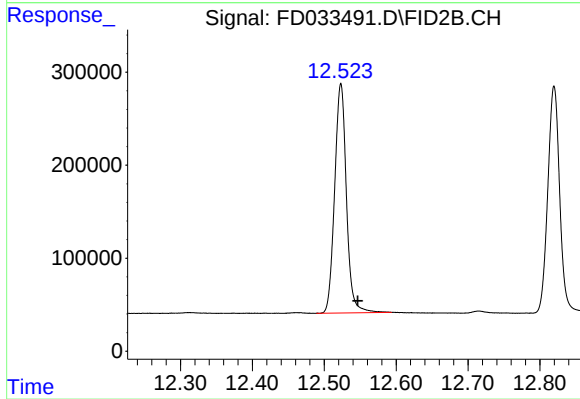
#10 Anthracene (C19.43)

R.T.: 10.789 min
Delta R.T.: -0.021 min
Response: 2630051
Conc: 21.62 ug/ml



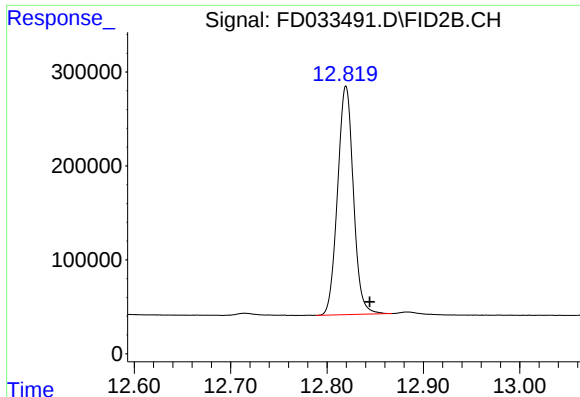
#11 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: -0.017 min
Response: 2761293
Conc: 21.40 ug/ml



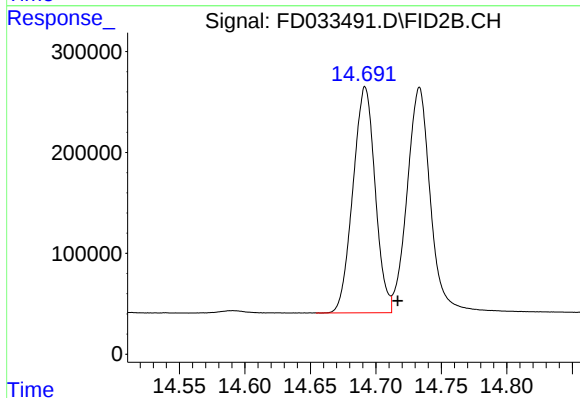
#12 Fluoranthene (C21.85)

R.T.: 12.523 min
Delta R.T.: -0.023 min
Response: 2802208
Conc: 21.63 ug/ml



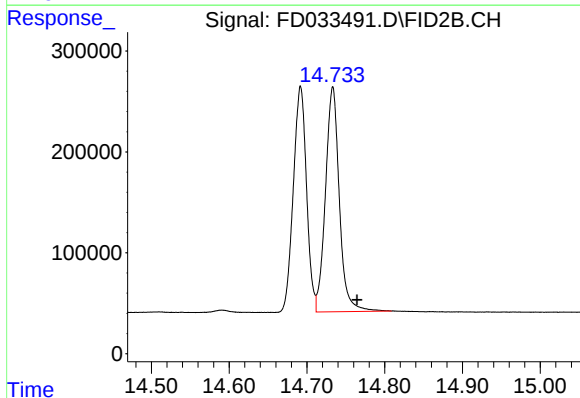
#13 Pyrene (C20.8)

R.T.: 12.820 min
Delta R.T.: -0.024 min
Response: 2767960
Conc: 21.43 ug/ml



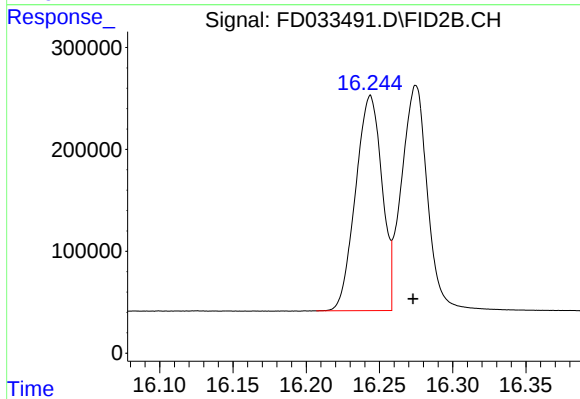
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.691 min
Delta R.T.: -0.026 min
Response: 2646477
Conc: 21.66 ug/ml m



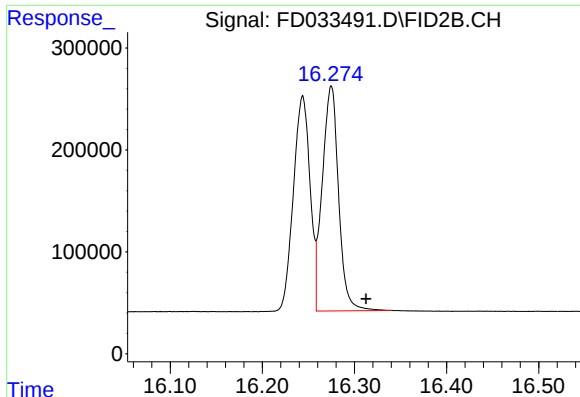
#15 Chrysene (C27.41)

R.T.: 14.733 min
Delta R.T.: -0.031 min
Response: 2763670
Conc: 21.46 ug/ml



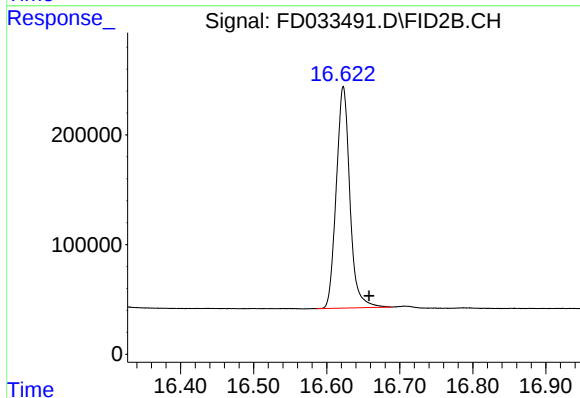
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.244 min
Delta R.T.: -0.029 min
Response: 2648596
Conc: 21.29 ug/ml m



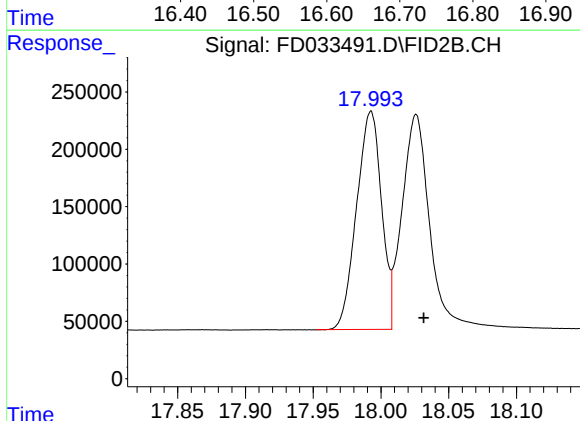
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.275 min
Delta R.T.: -0.038 min
Response: 2720785
Conc: 21.13 ug/ml



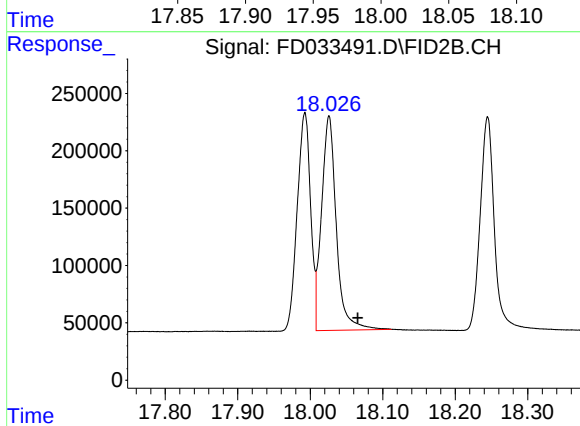
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: -0.036 min
Response: 2610852
Conc: 21.14 ug/ml



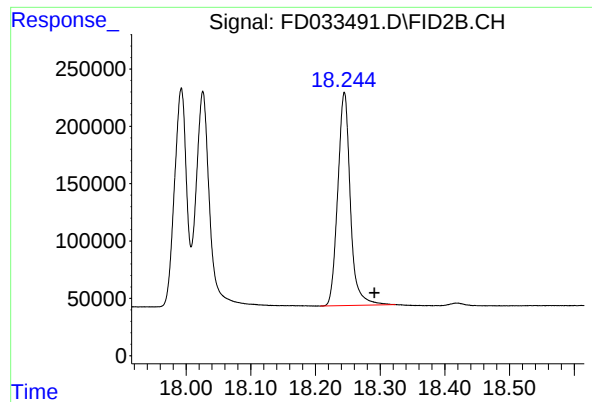
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.993 min
Delta R.T.: -0.039 min
Response: 2445764
Conc: 20.62 ug/ml m



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

R.T.: 18.026 min
Delta R.T.: -0.040 min
Response: 2650751
Conc: 21.44 ug/ml



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

R.T.: 18.245 min
Delta R.T.: -0.046 min
Response: 2508020
Conc: 20.79 ug/ml