

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050620AR\
 Data File : FD033297.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2020 20:31
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 04:00:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 03:58:29 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...	7.588	2186738	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
6) S 2-Fluorobiphenyl (SURR)	8.451	1478877	20.338 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.68%
11) S ortho-Terphenyl (SURR)	11.482	2558766	19.654 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	2270961	19.625 ug/ml
2) T Naphthalene (C11.7)	5.931	2346553	19.724 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	2374007	19.903 ug/ml
5) T Acenaphthylene (C15.06)	8.252	2372401	19.674 ug/ml
7) T Acenaphthene (C15.5)	8.546	2503595	19.863 ug/ml
8) T Fluorene (C16.55)	9.326	2426986	19.921 ug/ml
9) T Phenanthrene (C19.36)	10.721	2498504	19.792 ug/ml
10) T Anthracene (C19.43)	10.796	2422403	19.905 ug/ml
12) T Fluoranthene (C21.85)	12.530	2574754	19.781 ug/ml
13) T Pyrene (C20.8)	12.827	2548391	19.627 ug/ml
14) T Benzo[a]anthracene (C...	14.699	2433250	19.894 ug/ml
15) T Chrysene (C27.41)	14.740	2550968	19.608 ug/ml
16) T benzo[b]fluoranthene ...	16.252	2461623	19.682 ug/ml
17) T Bnezo[k]fluoranthene ...	16.282	2547294	19.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.631	2433282	19.669 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.000	2282250	19.502 ug/ml
20) T Dibenz[a,h]anthracene...	18.035	2481620	19.878 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	2362019	19.658 ug/ml

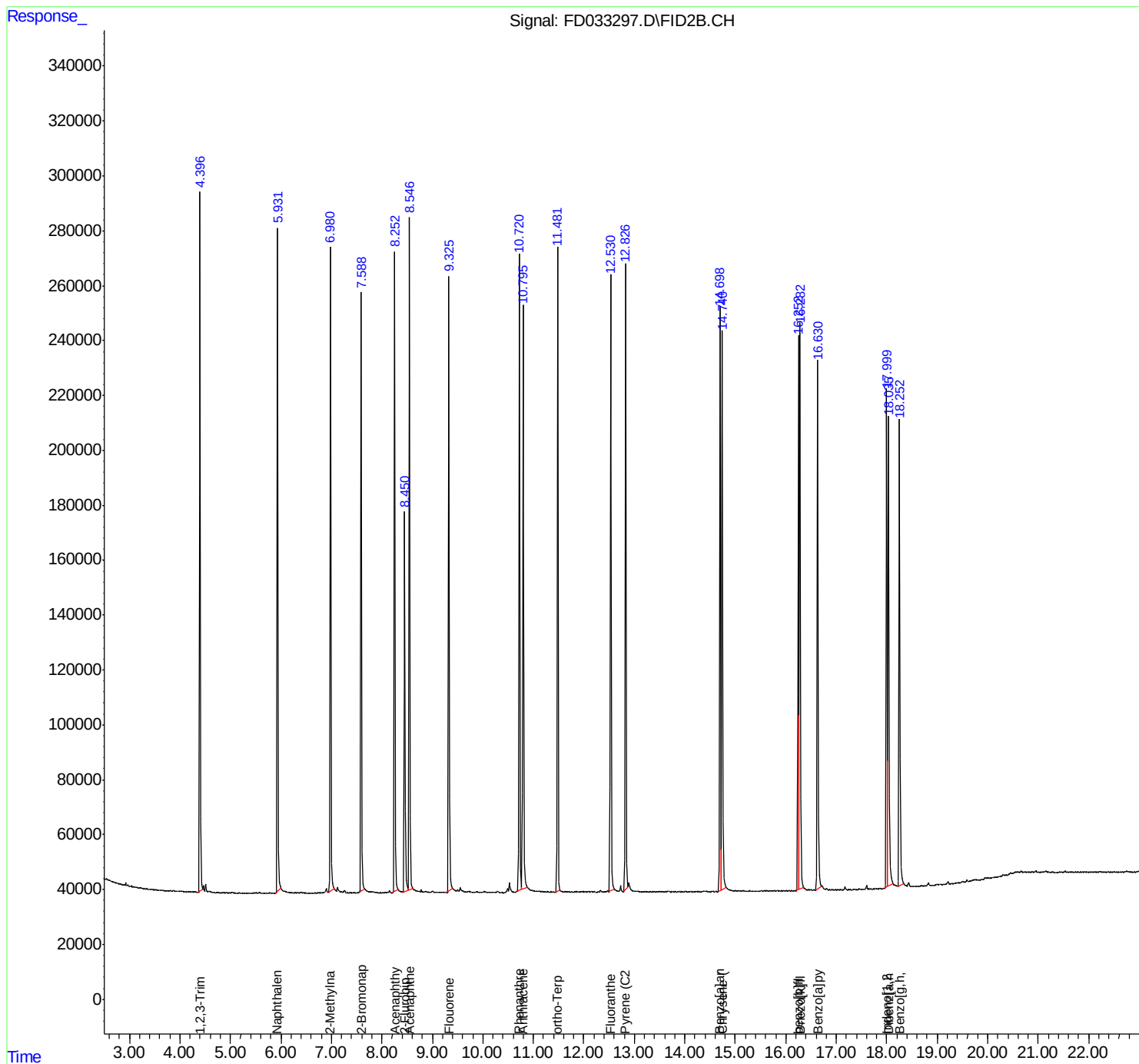
(f)=RT Delta > 1/2 Window

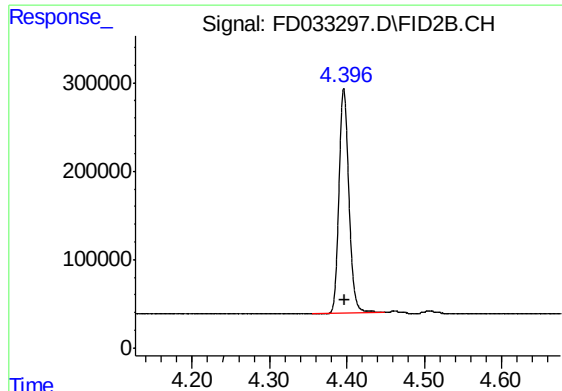
(m)=manual int.

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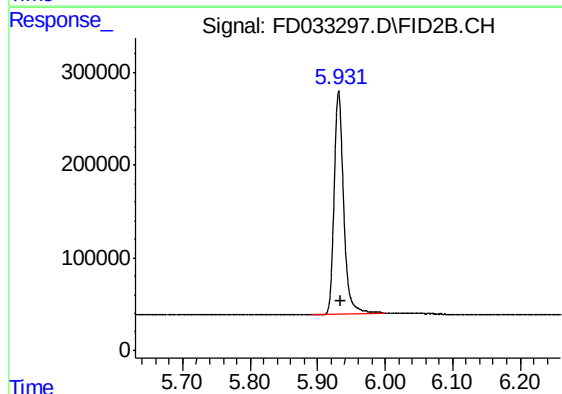
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Signal Info : 20M x 0.18mm x 0.18µm





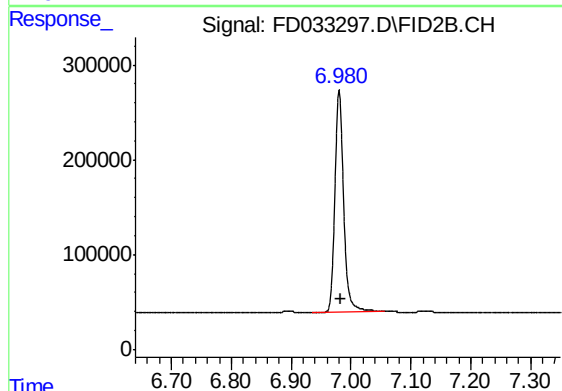
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 2270961
Conc: 19.62 ug/ml



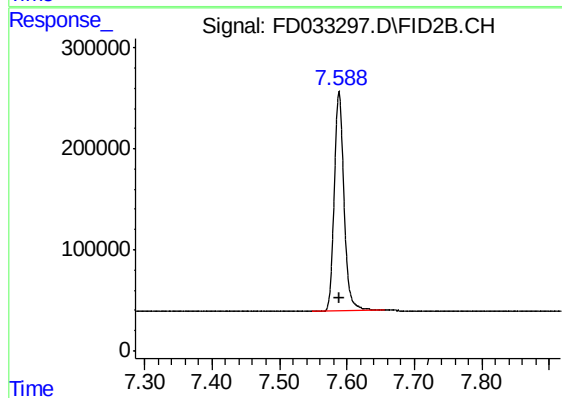
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 2346553
Conc: 19.72 ug/ml



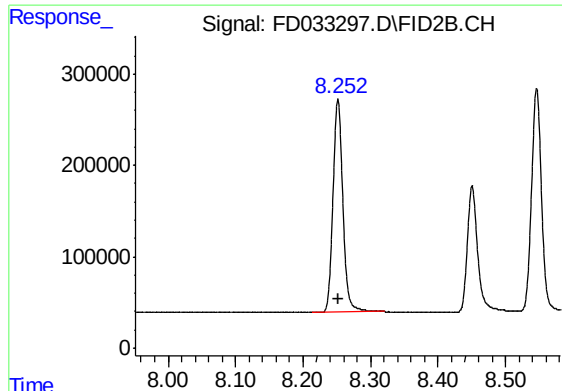
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 2374007
Conc: 19.90 ug/ml



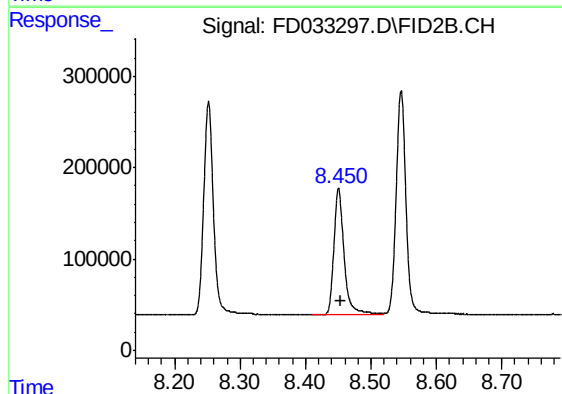
#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.002 min
Response: 2186738
Conc: 19.88 ug/ml



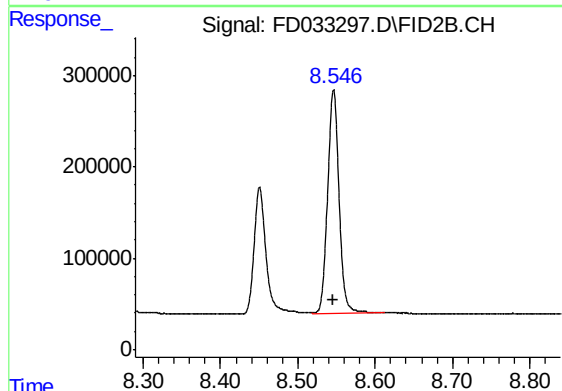
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: -0.001 min
Response: 2372401
Conc: 19.67 ug/ml



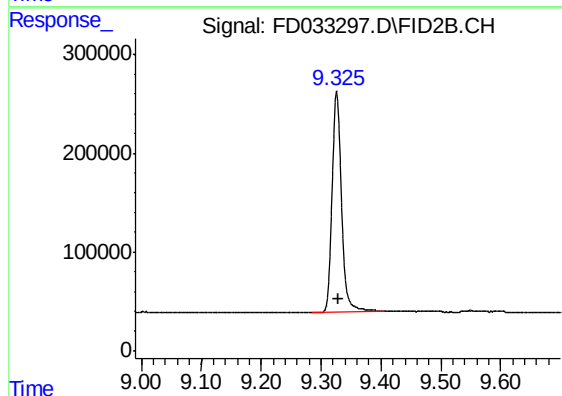
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min
Delta R.T.: -0.004 min
Response: 1478877
Conc: 20.34 ug/ml



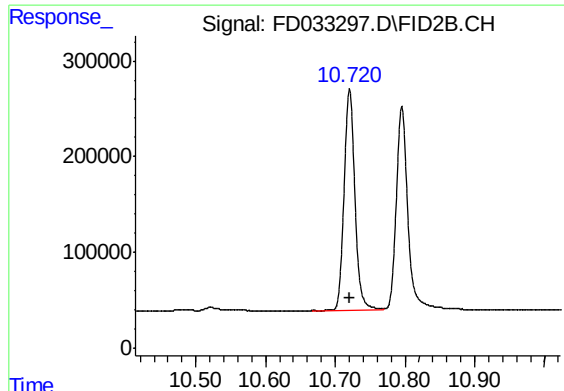
#7 Acenaphthene (C15.5)

R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 2503595
Conc: 19.86 ug/ml



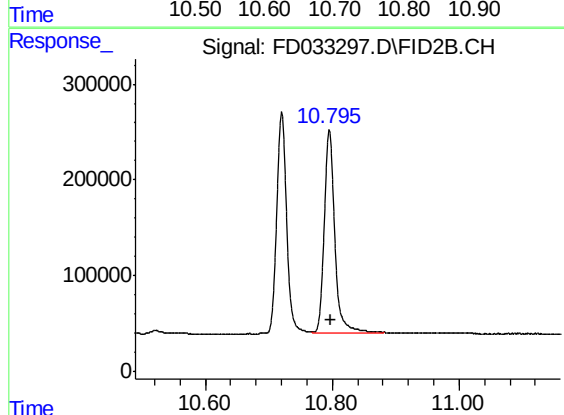
#8 Flouorene (C16.55)

R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 2426986
Conc: 19.92 ug/ml



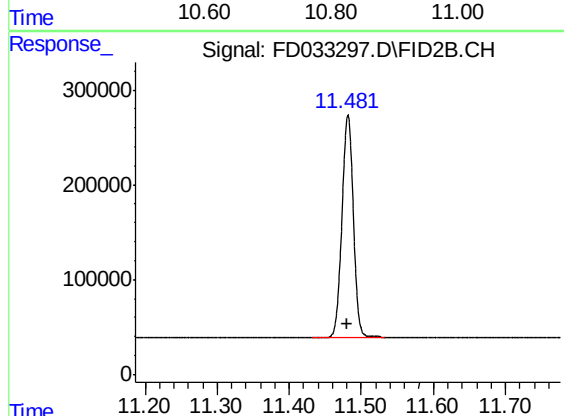
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: -0.001 min
Response: 2498504
Conc: 19.79 ug/ml



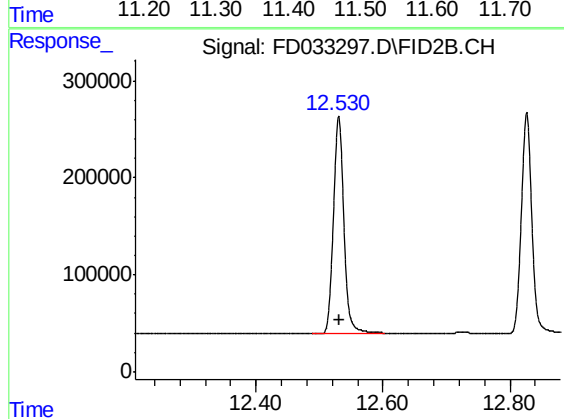
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: -0.003 min
Response: 2422403
Conc: 19.91 ug/ml



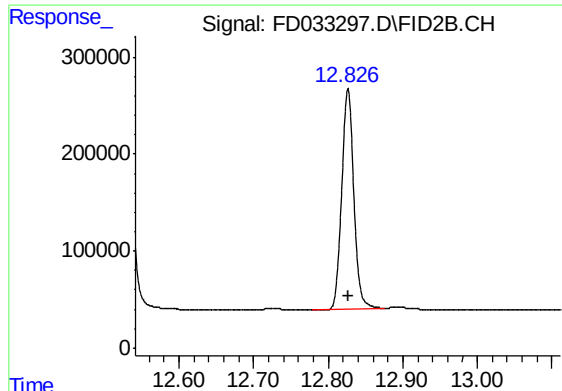
#11 ortho-Terphenyl (SURR)

R.T.: 11.482 min
Delta R.T.: 0.001 min
Response: 2558766
Conc: 19.65 ug/ml



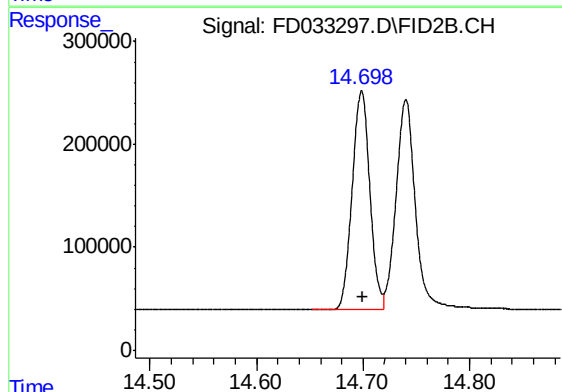
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: -0.001 min
Response: 2574754
Conc: 19.78 ug/ml



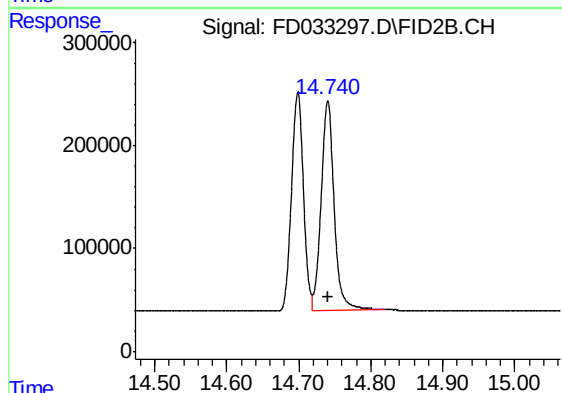
#13 Pyrene (C20.8)

R.T.: 12.827 min
Delta R.T.: 0.000 min
Response: 2548391
Conc: 19.63 ug/ml



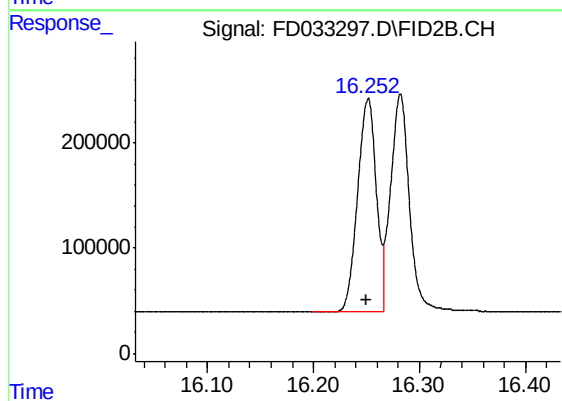
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.001 min
Response: 2433250
Conc: 19.89 ug/ml



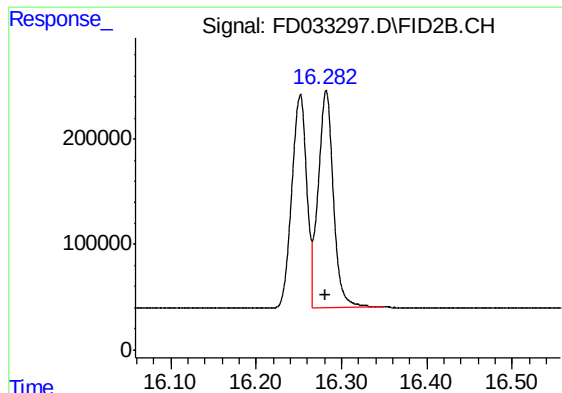
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2550968
Conc: 19.61 ug/ml



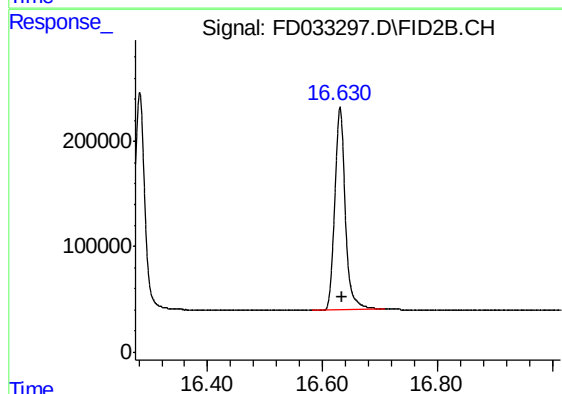
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.252 min
Delta R.T.: 0.001 min
Response: 2461623
Conc: 19.68 ug/ml



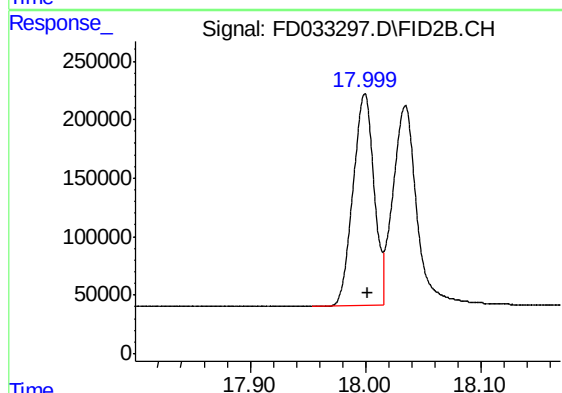
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.282 min
Delta R.T.: 0.000 min
Response: 2547294
Conc: 19.73 ug/ml



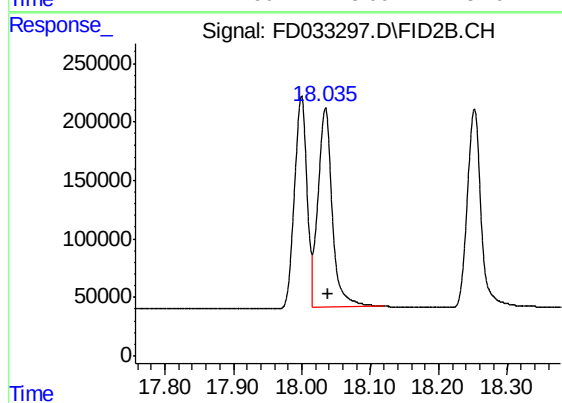
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: -0.003 min
Response: 2433282
Conc: 19.67 ug/ml



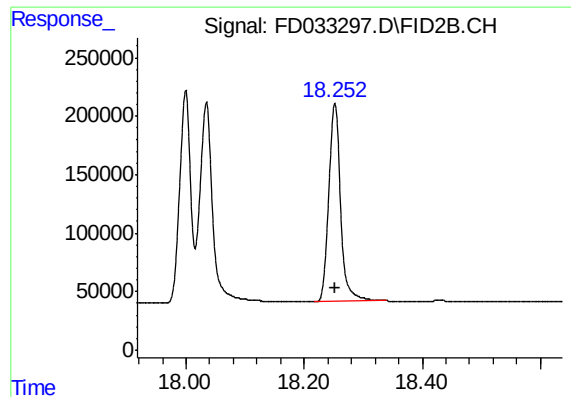
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.000 min
Delta R.T.: -0.002 min
Response: 2282250
Conc: 19.50 ug/ml



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

R.T.: 18.035 min
Delta R.T.: -0.003 min
Response: 2481620
Conc: 19.88 ug/ml



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

R.T.: 18.252 min
Delta R.T.: 0.000 min
Response: 2362019
Conc: 19.66 ug/ml