

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032420AR\
 Data File : FD032740.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2020 15:02
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 25 01:41:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.610	2431163	18.810 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
6) S 2-Fluorobiphenyl (SURR)	8.472	1565530	17.734 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.47%
11) S ortho-Terphenyl (SURR)	11.507	2444921	17.633 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	2759940	20.749 ug/mlm
2) T Naphthalene (C11.7)	5.952	2777371	19.547 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	2692643	18.969 ug/ml
5) T Acenaphthylene (C15.06)	8.274	2503848	18.304 ug/ml
7) T Acenaphthene (C15.5)	8.569	2606366	18.460 ug/ml
8) T Fluorene (C16.55)	9.349	2479797	17.690 ug/ml
9) T Phenanthrene (C19.36)	10.743	2402194	17.189 ug/ml
10) T Anthracene (C19.43)	10.817	2317681	16.554 ug/ml
12) T Fluoranthene (C21.85)	12.552	2346653	16.732 ug/ml
13) T Pyrene (C20.8)	12.849	2321958	16.888 ug/ml
14) T Benzo[a]anthracene (C...	14.718	2230762	17.095 ug/ml
15) T Chrysene (C27.41)	14.760	2314806	17.195 ug/ml
16) T benzo[b]fluoranthene ...	16.268	2320774	18.090 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	2321869	17.687 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.646	2298744	18.045 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.012	2269508	19.045 ug/ml
20) T Dibenz[a,h]anthracene...	18.051	2371379	18.755 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	2299059	19.448 ug/ml

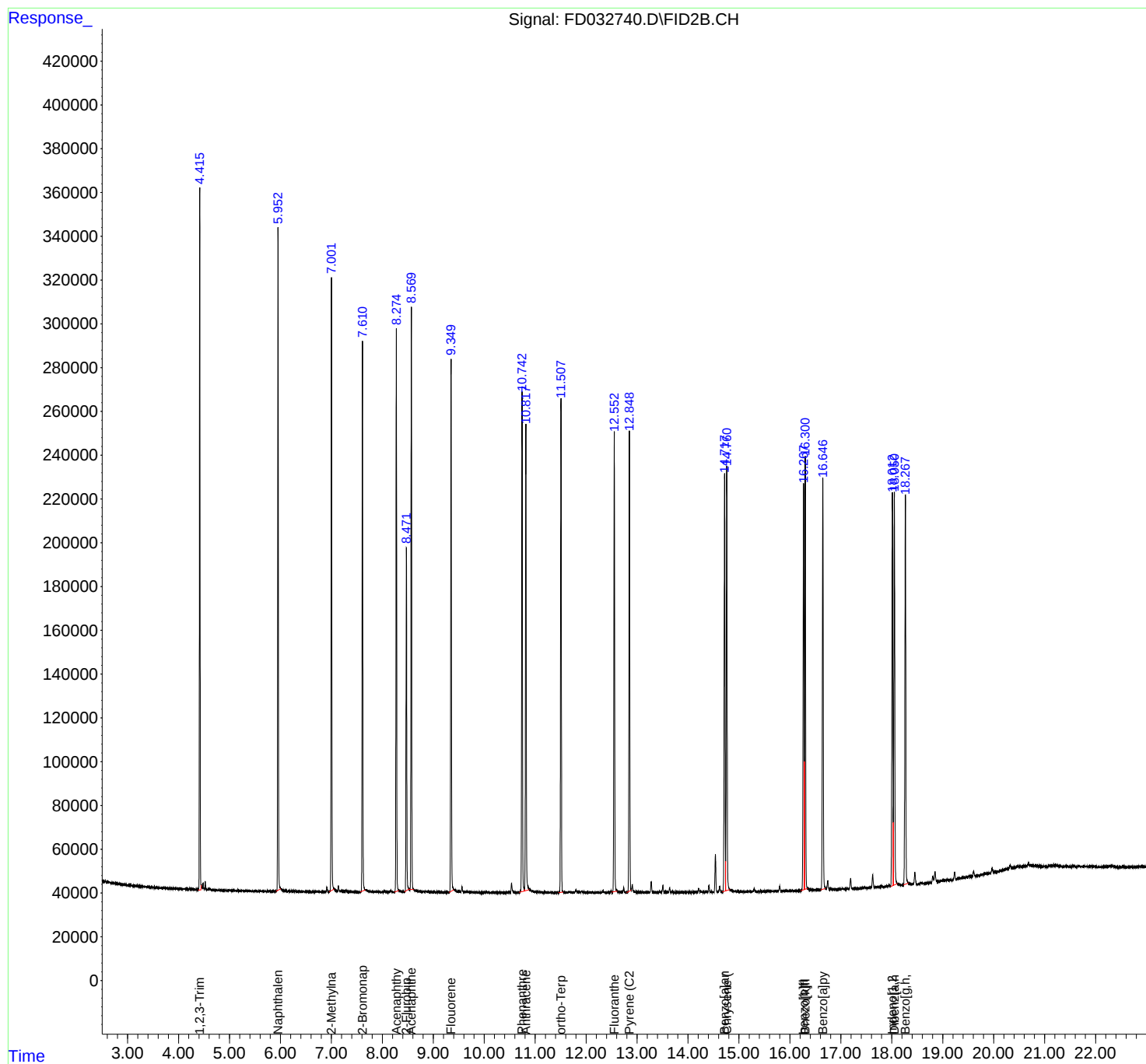
(f)=RT Delta > 1/2 Window

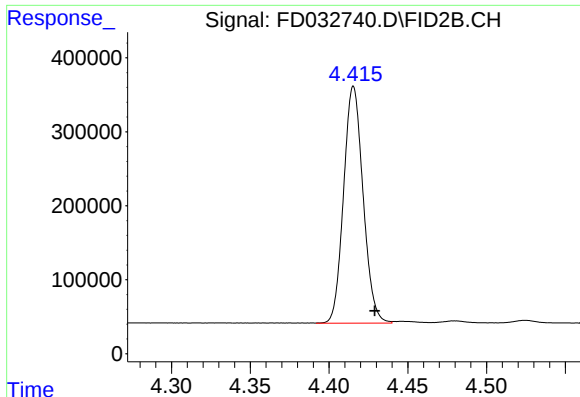
(m)=manual int.

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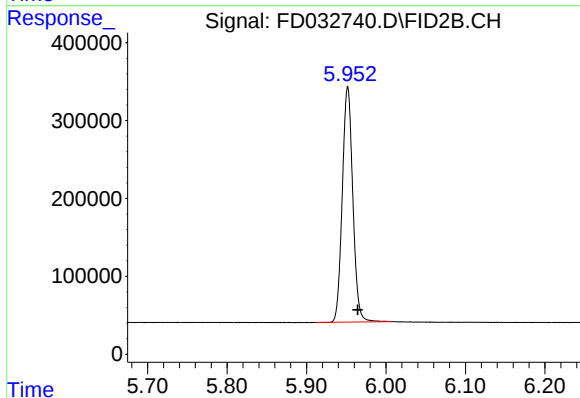
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





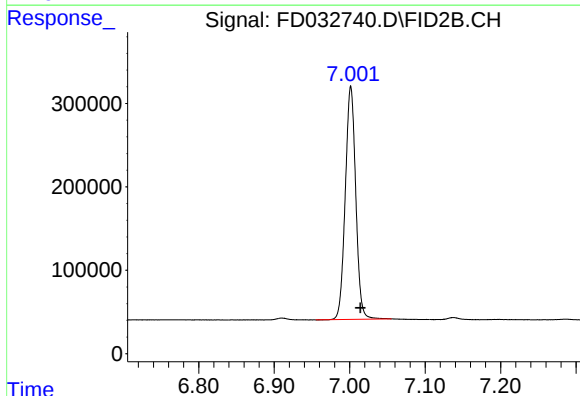
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.014 min
Response: 2759940
Conc: 20.75 ug/ml m



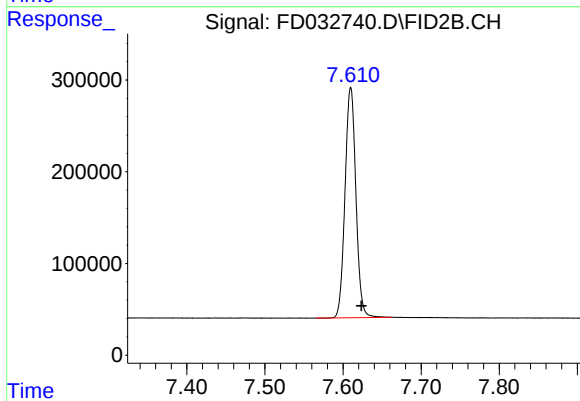
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.013 min
Response: 2777371
Conc: 19.55 ug/ml



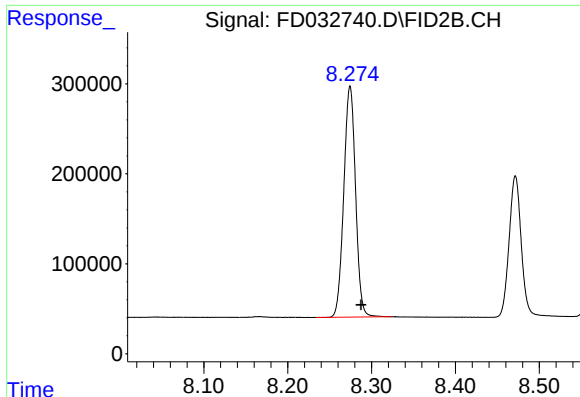
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.013 min
Response: 2692643
Conc: 18.97 ug/ml



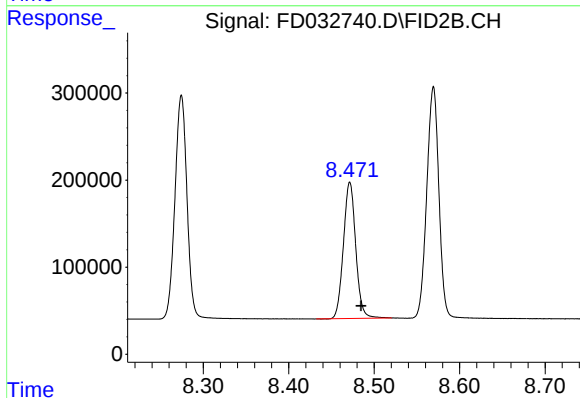
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.014 min
Response: 2431163
Conc: 18.81 ug/ml



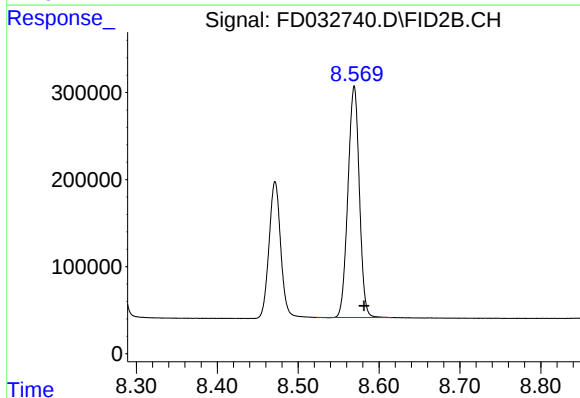
#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.013 min
Response: 2503848
Conc: 18.30 ug/ml



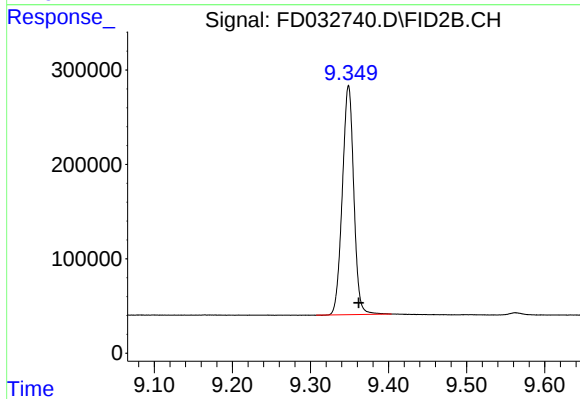
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.013 min
Response: 1565530
Conc: 17.73 ug/ml



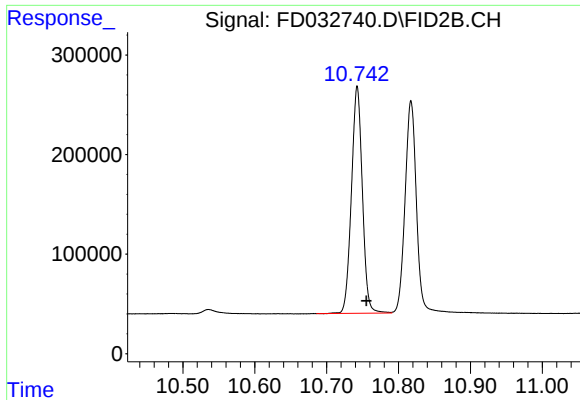
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: -0.012 min
Response: 2606366
Conc: 18.46 ug/ml



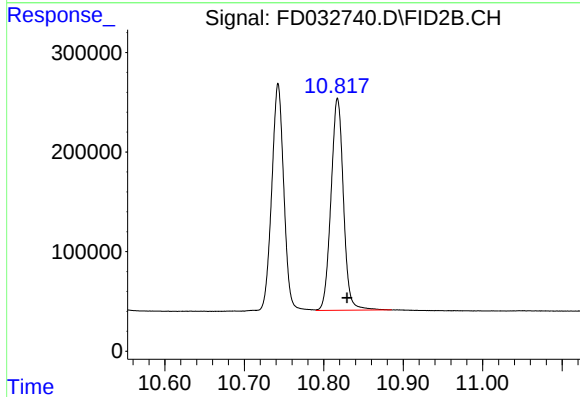
#8 Fluorene (C16.55)

R.T.: 9.349 min
Delta R.T.: -0.013 min
Response: 2479797
Conc: 17.69 ug/ml



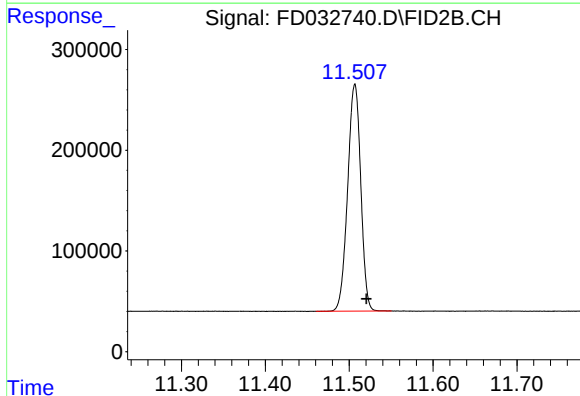
#9 Phenanthrene (C19.36)

R.T.: 10.743 min
Delta R.T.: -0.013 min
Response: 2402194
Conc: 17.19 ug/ml



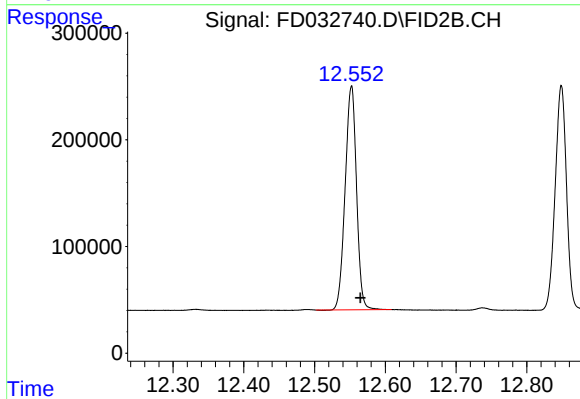
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: -0.012 min
Response: 2317681
Conc: 16.55 ug/ml



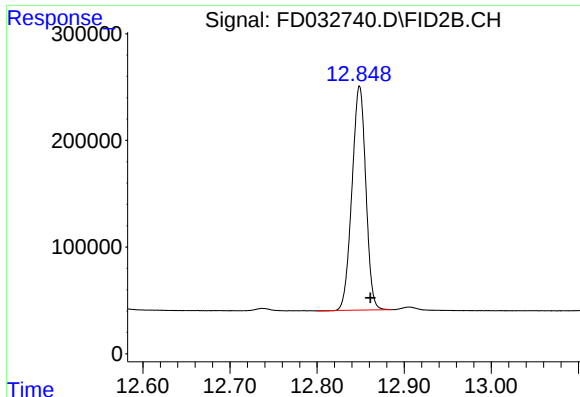
#11 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.014 min
Response: 2444921
Conc: 17.63 ug/ml



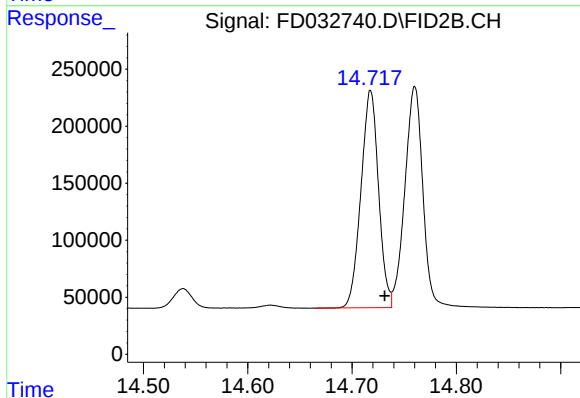
#12 Fluoranthene (C21.85)

R.T.: 12.552 min
Delta R.T.: -0.013 min
Response: 2346653
Conc: 16.73 ug/ml



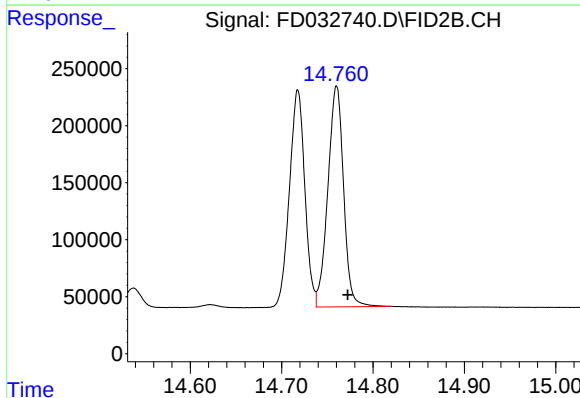
#13 Pyrene (C20.8)

R.T.: 12.849 min
Delta R.T.: -0.012 min
Response: 2321958
Conc: 16.89 ug/ml



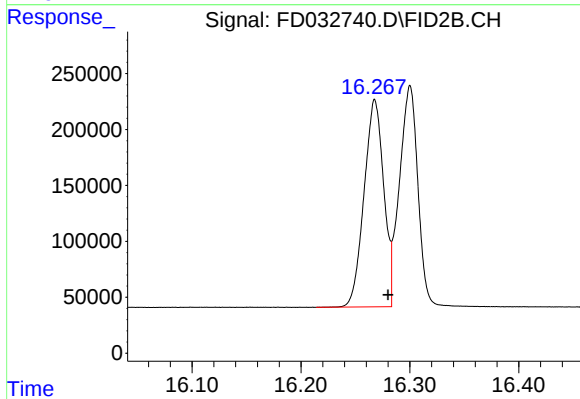
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.718 min
Delta R.T.: -0.013 min
Response: 2230762
Conc: 17.10 ug/ml



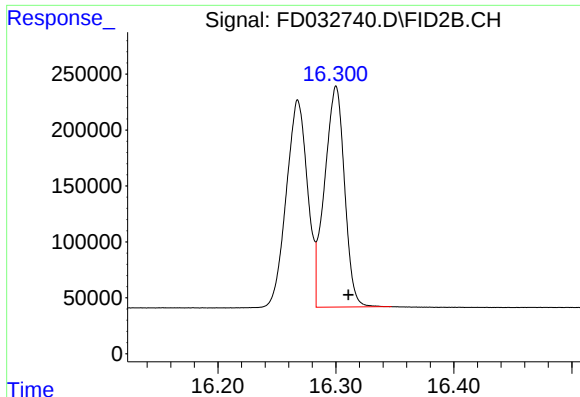
#15 Chrysene (C27.41)

R.T.: 14.760 min
Delta R.T.: -0.012 min
Response: 2314806
Conc: 17.20 ug/ml



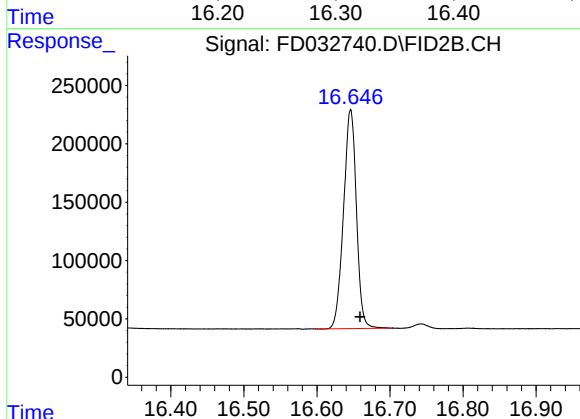
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.268 min
Delta R.T.: -0.012 min
Response: 2320774
Conc: 18.09 ug/ml



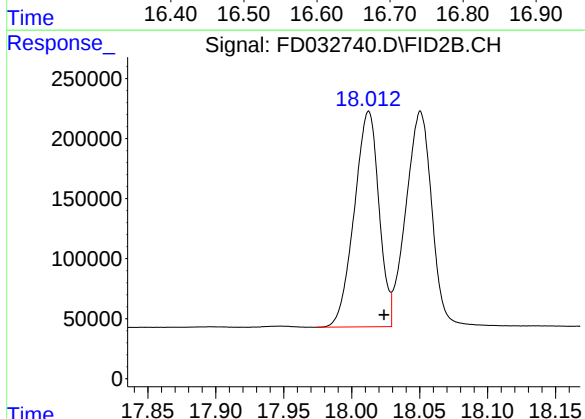
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min
Delta R.T.: -0.010 min
Response: 2321869
Conc: 17.69 ug/ml



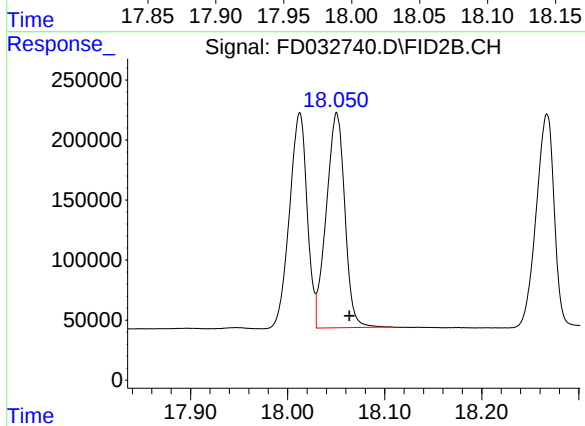
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min
Delta R.T.: -0.013 min
Response: 2298744
Conc: 18.04 ug/ml



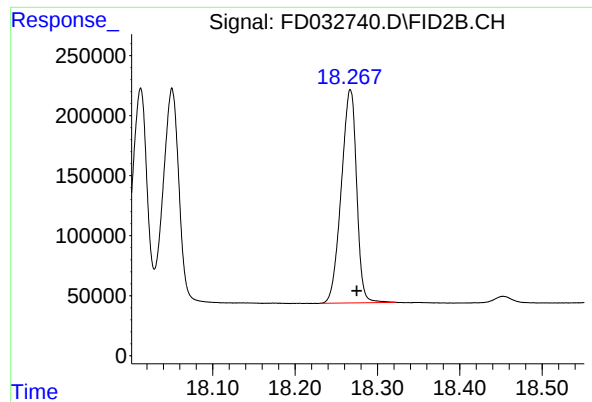
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.012 min
Delta R.T.: -0.011 min
Response: 2269508
Conc: 19.05 ug/ml



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

R.T.: 18.051 min
Delta R.T.: -0.013 min
Response: 2371379
Conc: 18.76 ug/ml



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

R.T.: 18.267 min
Delta R.T.: -0.008 min
Response: 2299059
Conc: 19.45 ug/ml