

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102720AR\
 Data File : FD035155.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2020 9:37
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 14:59:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.645	2323009	20.153 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
6) S 2-Fluorobiphenyl (SURR)	8.510	1599553	20.121 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.24%
11) S ortho-Terphenyl (SURR)	11.548	2666581	20.230 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	2625866	20.191 ug/ml
2) T Naphthalene (C11.7)	5.982	2734835	20.110 ug/ml
3) T 2-Methylnaphthalene (...)	7.035	2735781	20.074 ug/ml
5) T Acenaphthylene (C15.06)	8.311	2639646	19.849 ug/ml
7) T Acenaphthene (C15.5)	8.606	2740598	20.259 ug/ml
8) T Flouorene (C16.55)	9.388	2615247	20.158 ug/ml
9) T Phenanthrene (C19.36)	10.785	2573808	20.308 ug/ml
10) T Anthracene (C19.43)	10.859	2544243	19.907 ug/ml
12) T Fluoranthene (C21.85)	12.596	2546885	20.445 ug/ml
13) T Pyrene (C20.8)	12.893	2452087	20.063 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2187415	20.636 ug/ml
15) T Chrysene (C27.41)	14.807	2403068	20.536 ug/ml
16) T benzo[b]fluoranthene ...	16.315	2126372	20.718 ug/ml
17) T Bnezo[k]fluoranthene ...	16.346	2179869	20.786 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.694	1923038	20.304 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.059	1835728	20.699 ug/ml
20) T Dibenz[a,h]anthracene...	18.097	2133032	21.038 ug/ml
21) T Benzo[g,h,i]perylene ...	18.311	1991184	20.838 ug/ml

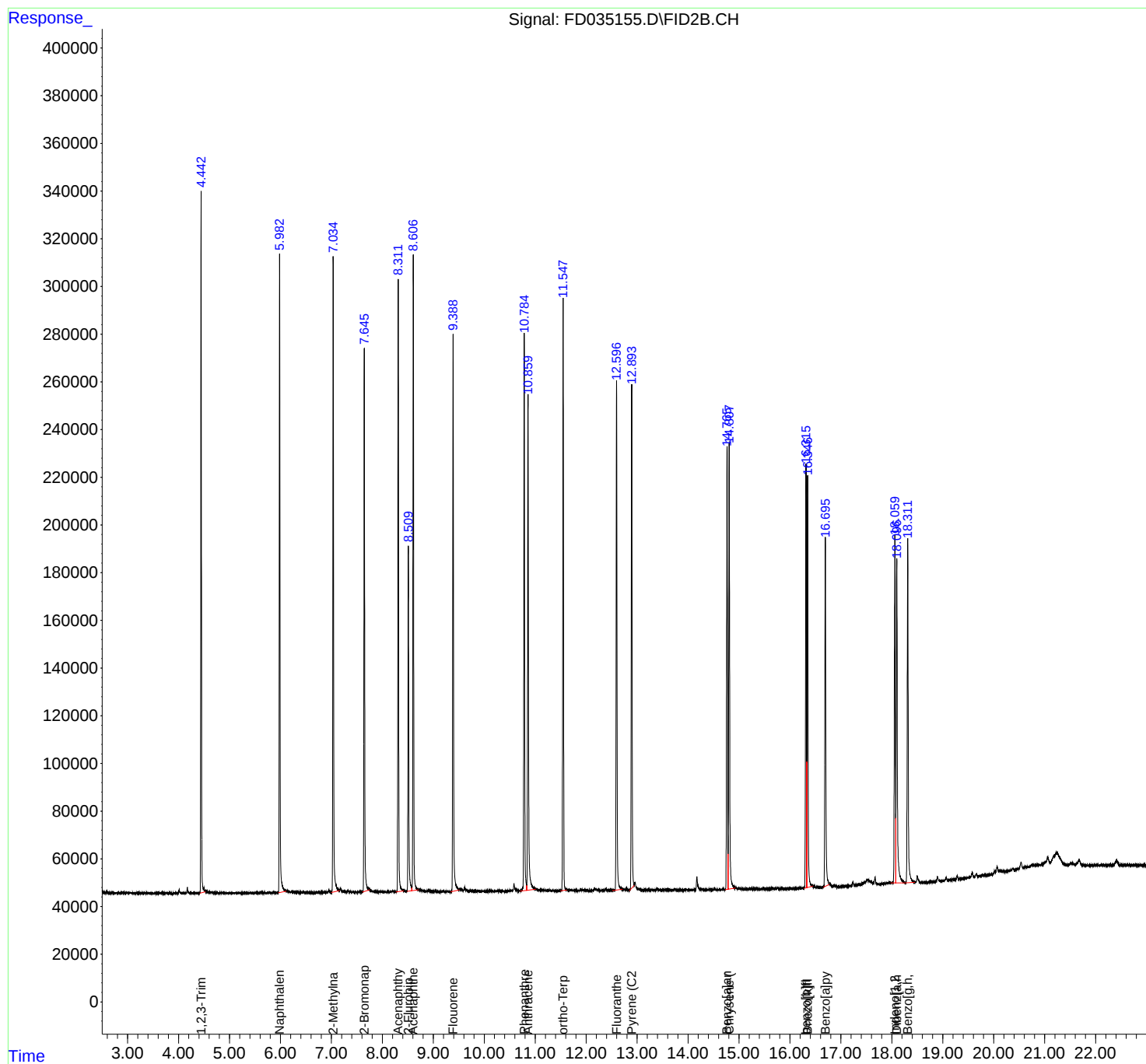
(f)=RT Delta > 1/2 Window

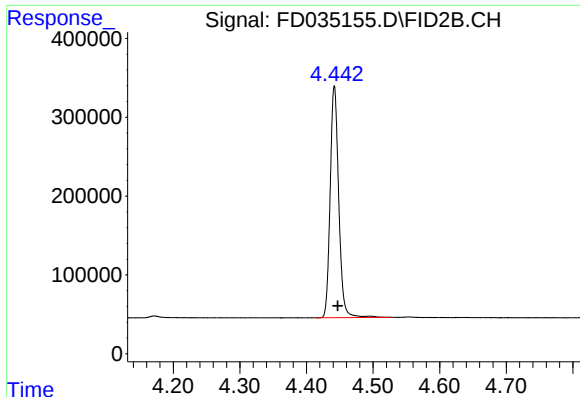
(m)=manual int.

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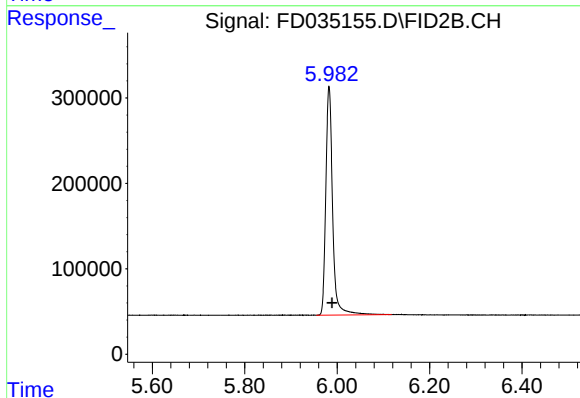
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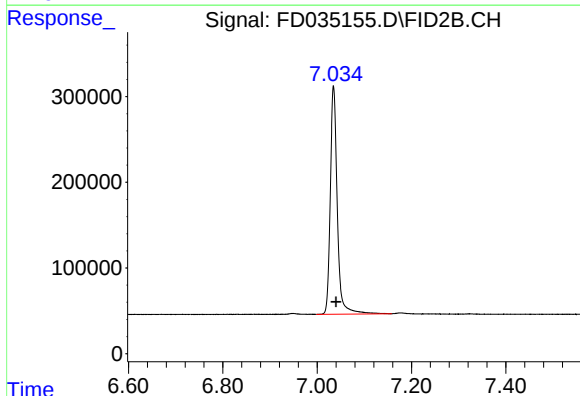
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 2625866
Conc: 20.19 ug/ml



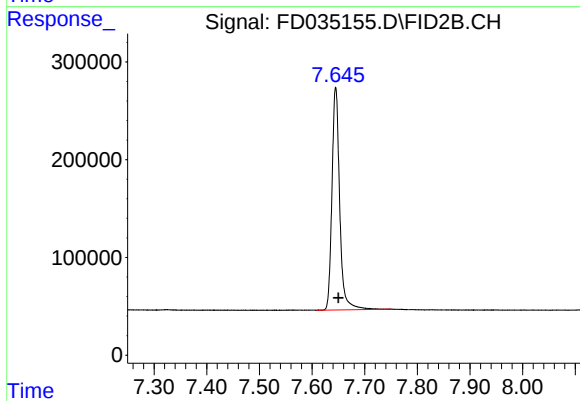
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.006 min
Response: 2734835
Conc: 20.11 ug/ml



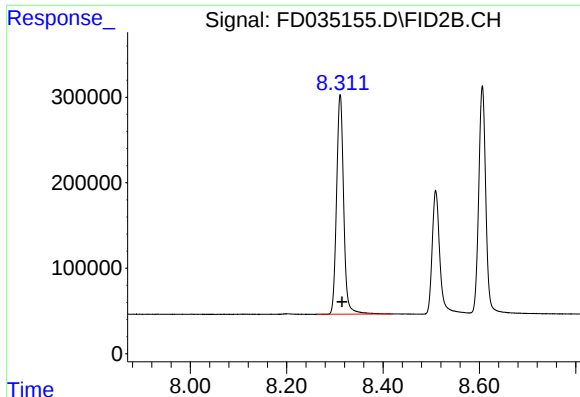
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.005 min
Response: 2735781
Conc: 20.07 ug/ml



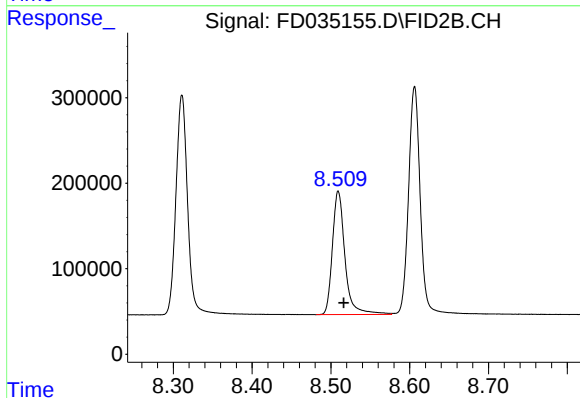
#4 2-Bromonaphthalene (SURR)

R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 2323009
Conc: 20.15 ug/ml



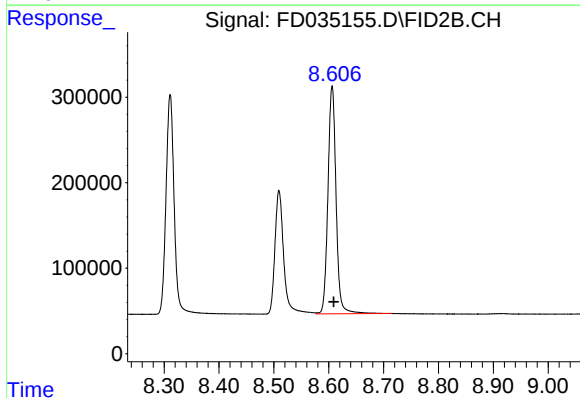
#5 Acenaphthylene (C15.06)

R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 2639646
Conc: 19.85 ug/ml



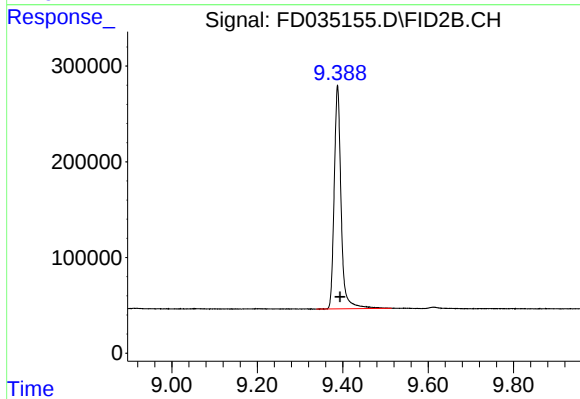
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min
Delta R.T.: -0.007 min
Response: 1599553
Conc: 20.12 ug/ml



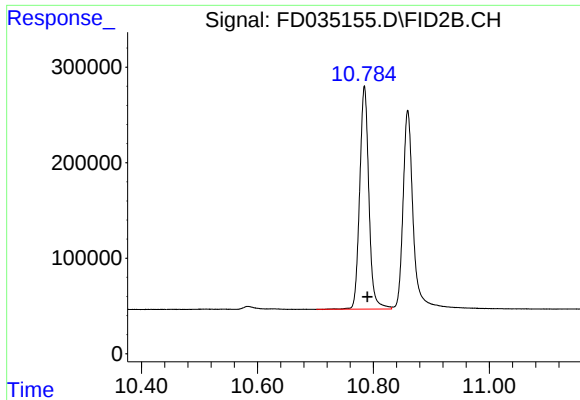
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 2740598
Conc: 20.26 ug/ml



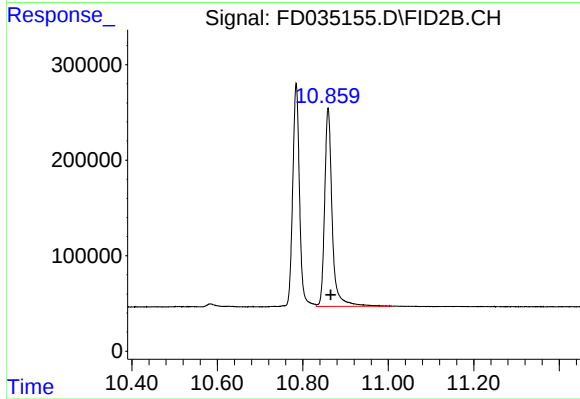
#8 Flouorene (C16.55)

R.T.: 9.388 min
Delta R.T.: -0.006 min
Response: 2615247
Conc: 20.16 ug/ml



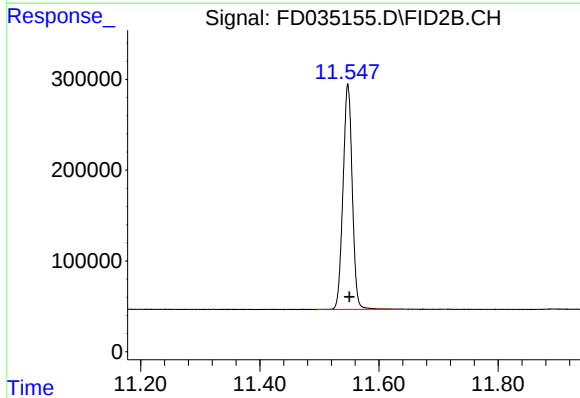
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: -0.005 min
Response: 2573808
Conc: 20.31 ug/ml



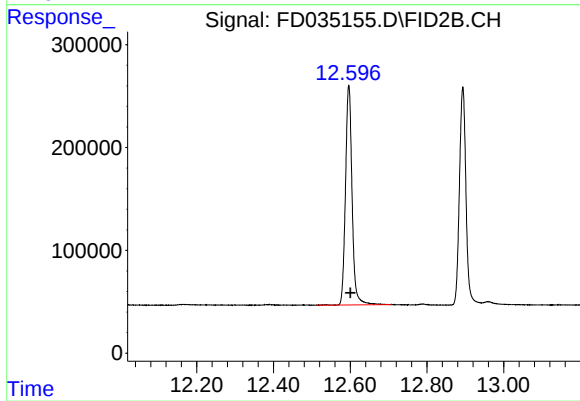
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: -0.006 min
Response: 2544243
Conc: 19.91 ug/ml



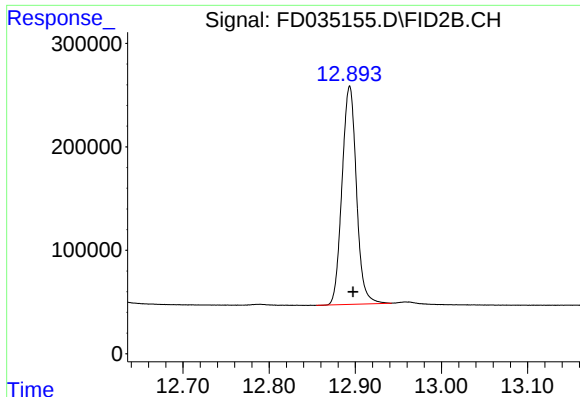
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.003 min
Response: 2666581
Conc: 20.23 ug/ml



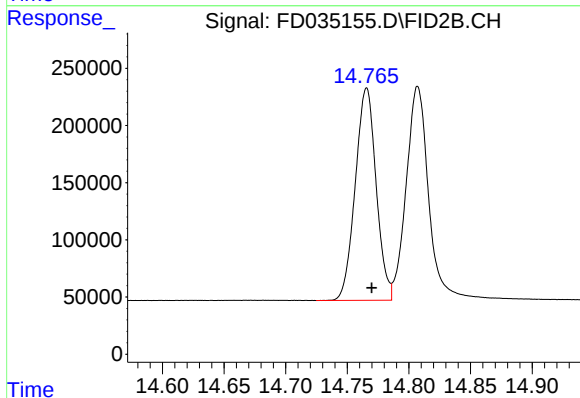
#12 Fluoranthene (C21.85)

R.T.: 12.596 min
Delta R.T.: -0.004 min
Response: 2546885
Conc: 20.44 ug/ml



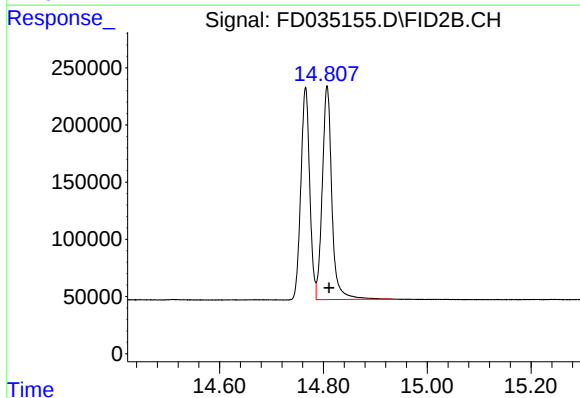
#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: -0.004 min
Response: 2452087
Conc: 20.06 ug/ml



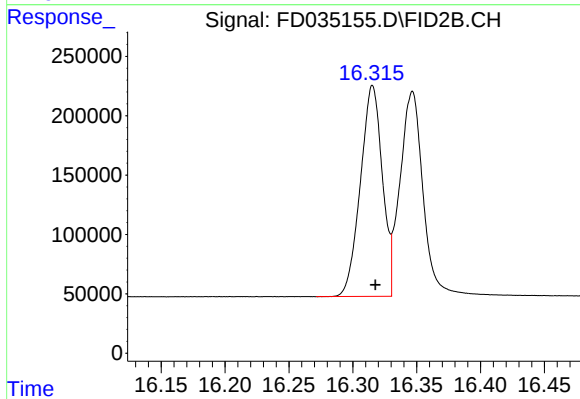
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: -0.004 min
Response: 2187415
Conc: 20.64 ug/ml



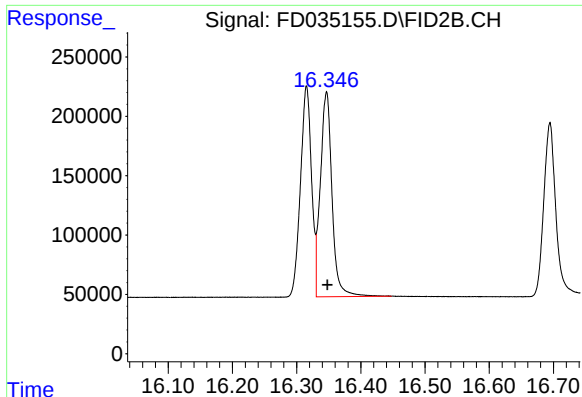
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: -0.004 min
Response: 2403068
Conc: 20.54 ug/ml



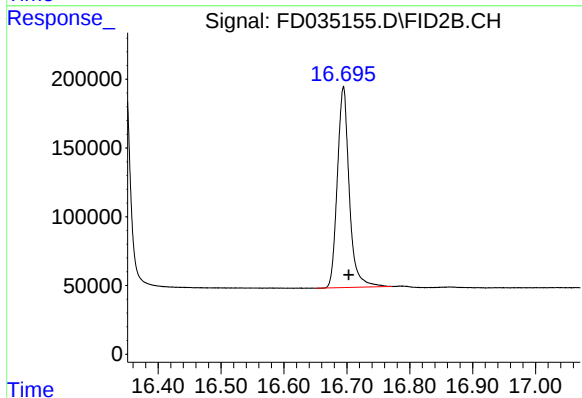
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.315 min
Delta R.T.: -0.002 min
Response: 2126372
Conc: 20.72 ug/ml



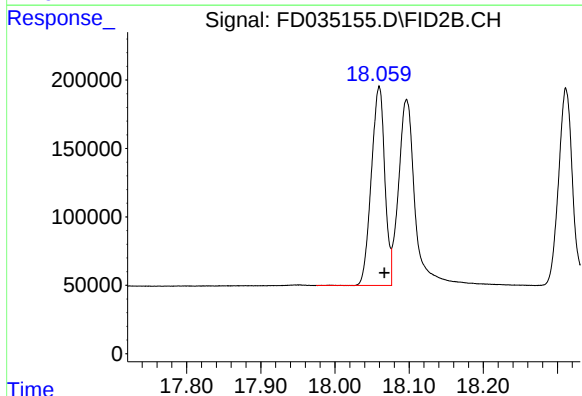
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.346 min
Delta R.T.: -0.002 min
Response: 2179869
Conc: 20.79 ug/ml



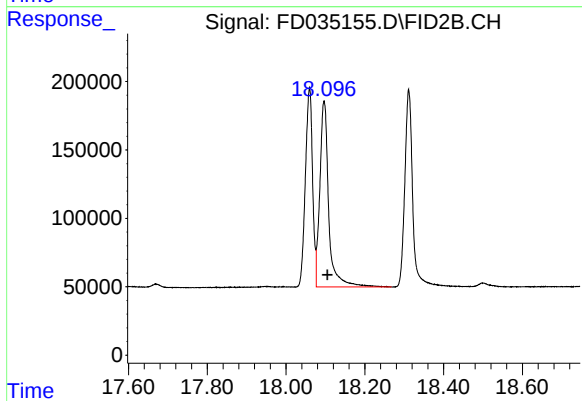
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.694 min
Delta R.T.: -0.009 min
Response: 1923038
Conc: 20.30 ug/ml



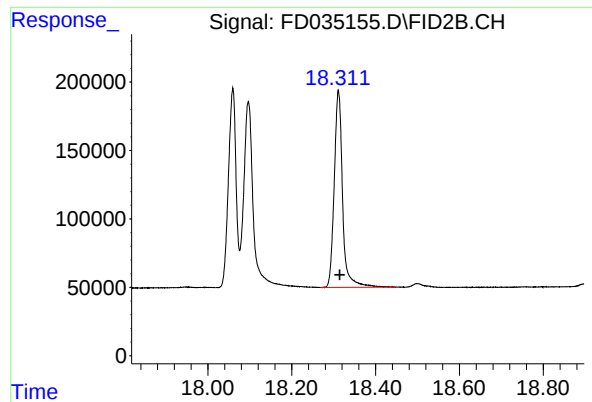
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.059 min
Delta R.T.: -0.007 min
Response: 1835728
Conc: 20.70 ug/ml



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

R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 2133032
Conc: 21.04 ug/ml



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

R.T.: 18.311 min
Delta R.T.: -0.003 min
Response: 1991184
Conc: 20.84 ug/ml