

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040077.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 8:06
 Operator : AJ\MA
 Sample : M5142-01MS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 08:28:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 03:16:39 2021
 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...	6.855	10400998	77.935 ug/ml
Spiked Amount 50.000		Recovery =	155.87%
6) S 2-Fluorobiphenyl (SURR)	7.709	7168991	79.673 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	159.35%#
11) S ortho-Terphenyl (SURR)	10.748	9079320	65.979 ug/ml
Spiked Amount 50.000		Recovery =	131.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.696	8312541	57.391 ug/mlm
2) T Naphthalene (C11.7)	5.200	9773156	64.611 ug/ml
3) T 2-Methylnaphthalene (...)	6.245	10270012	67.716 ug/ml
5) T Acenaphthylene (C15.06)	7.514	9895591	71.738 ug/ml
7) T Acenaphthene (C15.5)	7.811	11076496	75.747 ug/ml
8) T Fluorene (C16.55)	8.588	11202324	78.024 ug/ml
9) T Phenanthrene (C19.36)	9.980	11640655	83.421 ug/ml
10) T Anthracene (C19.43)	10.056	10703472	79.857 ug/ml
12) T Fluoranthene (C21.85)	11.789	11437027	84.385 ug/ml
13) T Pyrene (C20.8)	12.085	11153936	84.787 ug/ml
14) T Benzo[a]anthracene (C...	13.954	9863032	81.734 ug/ml
15) T Chrysene (C27.41)	14.000	9655028	76.668 ug/mlm
16) T benzo[b]fluoranthene ...	15.509	9859353	80.083 ug/ml
17) T Bnezo[k]fluoranthene ...	15.543	8398542	68.883 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.884	8118176	67.389 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.252	7641362	64.733 ug/mlm
20) T Dibenz[a,h]anthracene...	17.294	7660868	66.101 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.510	7780333	64.461 ug/mlm

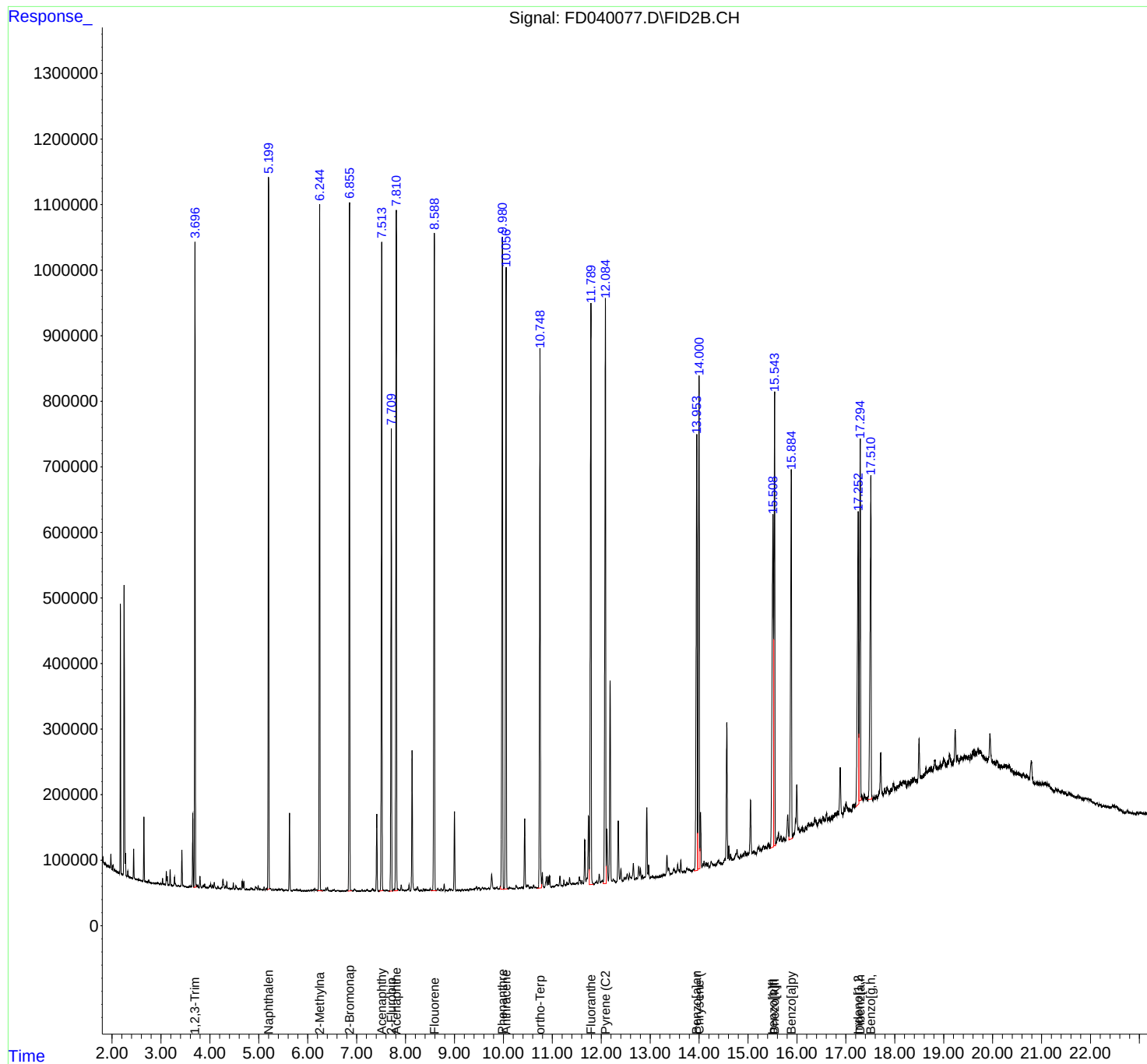
(f)=RT Delta > 1/2 Window

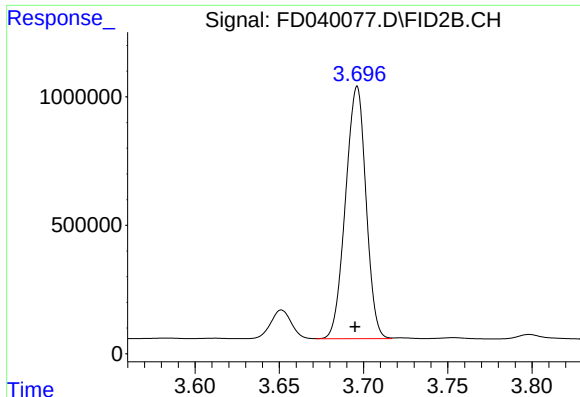
(m)=manual int.

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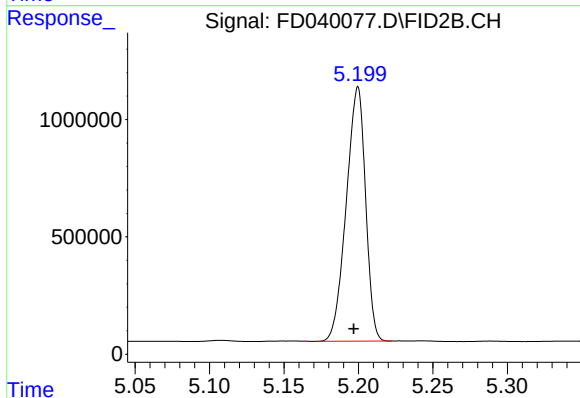
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





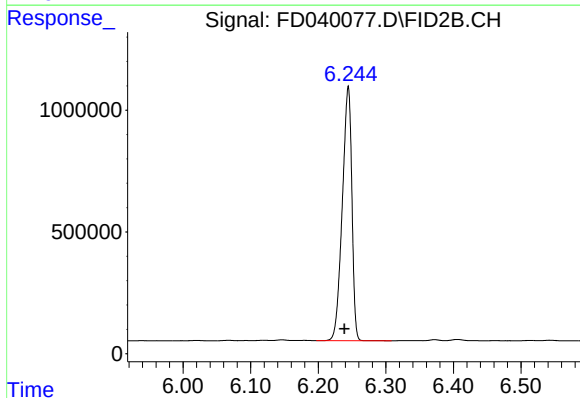
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 8312541
Conc: 57.39 ug/ml m



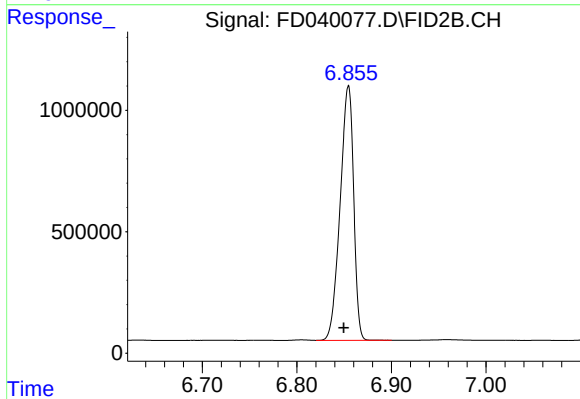
#2 Naphthalene (C11.7)

R.T.: 5.200 min
Delta R.T.: 0.003 min
Response: 9773156
Conc: 64.61 ug/ml



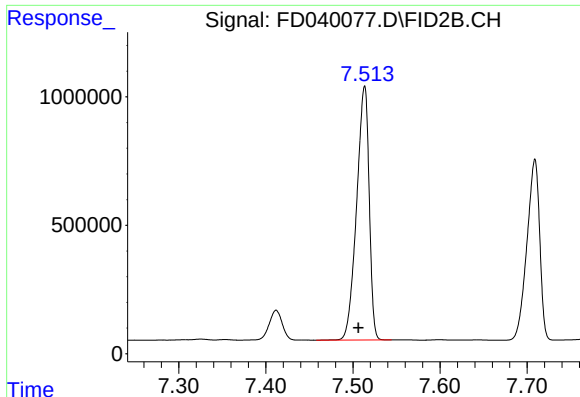
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.245 min
Delta R.T.: 0.006 min
Response: 10270012
Conc: 67.72 ug/ml



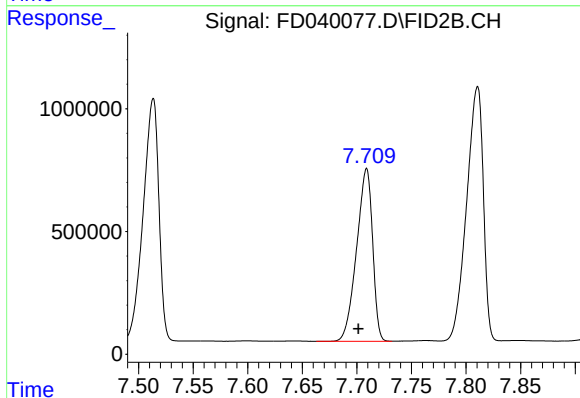
#4 2-Bromonaphthalene (SURR)

R.T.: 6.855 min
Delta R.T.: 0.005 min
Response: 10400998
Conc: 77.94 ug/ml



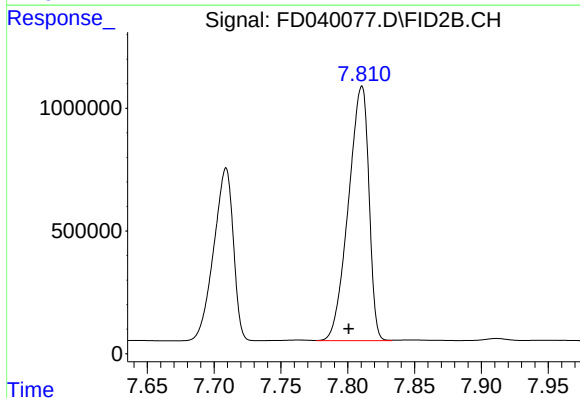
#5 Acenaphthylene (C15.06)

R.T.: 7.514 min
Delta R.T.: 0.007 min
Response: 9895591
Conc: 71.74 ug/ml



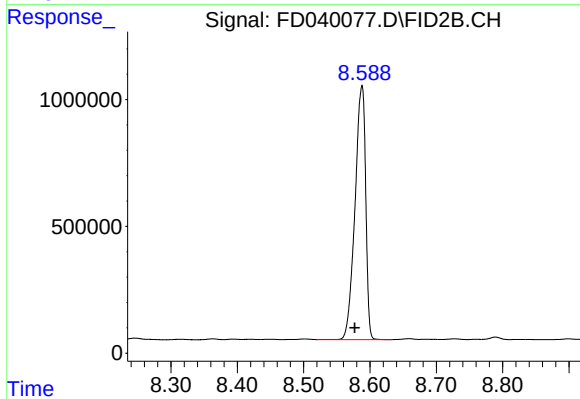
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.709 min
Delta R.T.: 0.008 min
Response: 7168991
Conc: 79.67 ug/ml



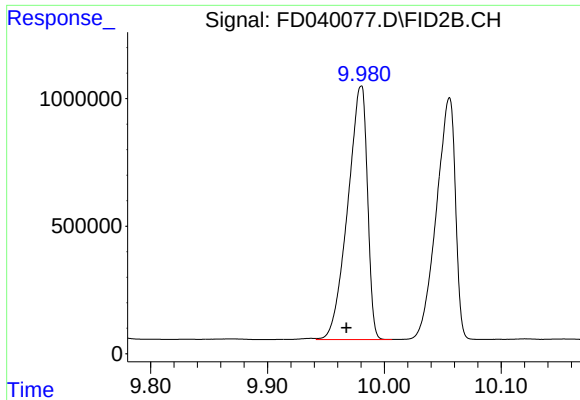
#7 Acenaphthene (C15.5)

R.T.: 7.811 min
Delta R.T.: 0.010 min
Response: 11076496
Conc: 75.75 ug/ml



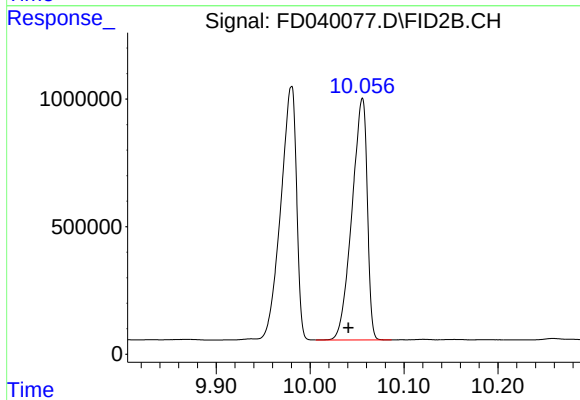
#8 Fluorene (C16.55)

R.T.: 8.588 min
Delta R.T.: 0.011 min
Response: 11202324
Conc: 78.02 ug/ml



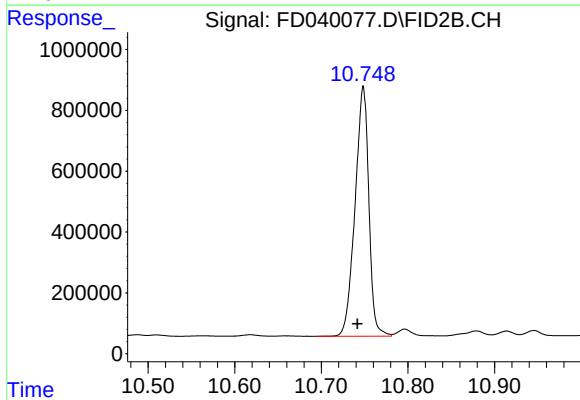
#9 Phenanthrene (C19.36)

R.T.: 9.980 min
Delta R.T.: 0.012 min
Response: 11640655
Conc: 83.42 ug/ml



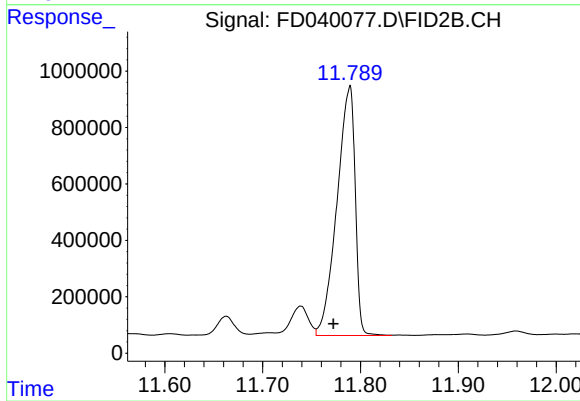
#10 Anthracene (C19.43)

R.T.: 10.056 min
Delta R.T.: 0.015 min
Response: 10703472
Conc: 79.86 ug/ml



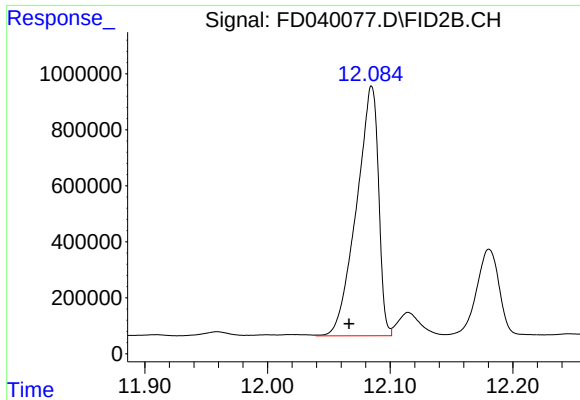
#11 ortho-Terphenyl (SURR)

R.T.: 10.748 min
Delta R.T.: 0.007 min
Response: 9079320
Conc: 65.98 ug/ml



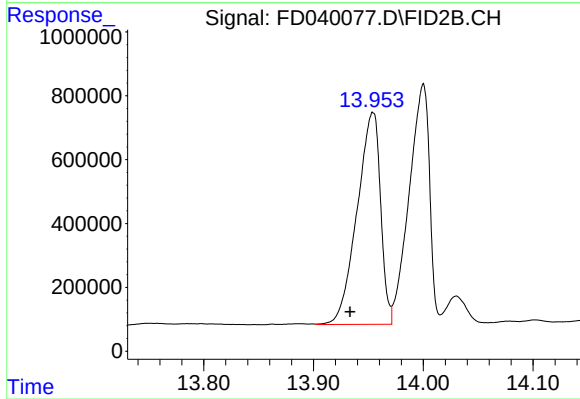
#12 Fluoranthene (C21.85)

R.T.: 11.789 min
Delta R.T.: 0.016 min
Response: 11437027
Conc: 84.38 ug/ml



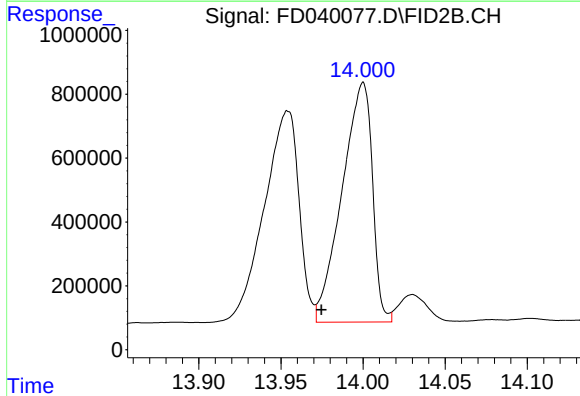
#13 Pyrene (C20.8)

R.T.: 12.085 min
Delta R.T.: 0.018 min
Response: 11153936
Conc: 84.79 ug/ml



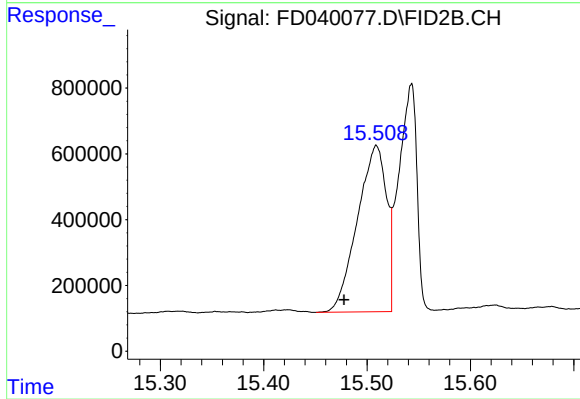
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.954 min
Delta R.T.: 0.021 min
Response: 9863032
Conc: 81.73 ug/ml



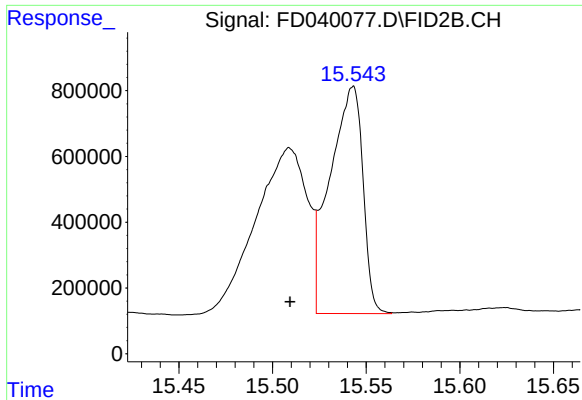
#15 Chrysene (C27.41)

R.T.: 14.000 min
Delta R.T.: 0.025 min
Response: 9655028
Conc: 76.67 ug/ml m



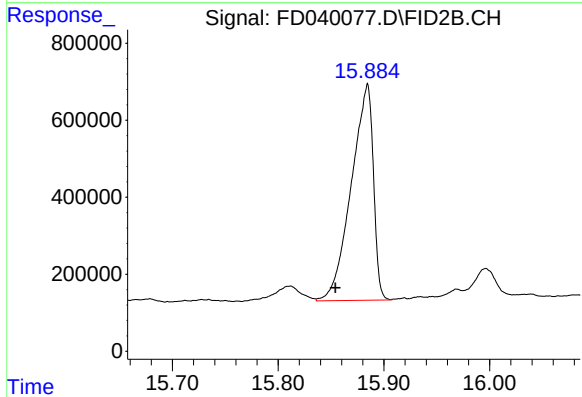
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.509 min
Delta R.T.: 0.031 min
Response: 9859353
Conc: 80.08 ug/ml



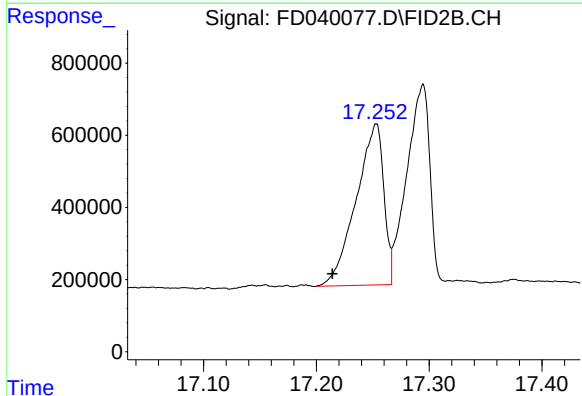
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.543 min
Delta R.T.: 0.034 min
Response: 8398542
Conc: 68.88 ug/ml m



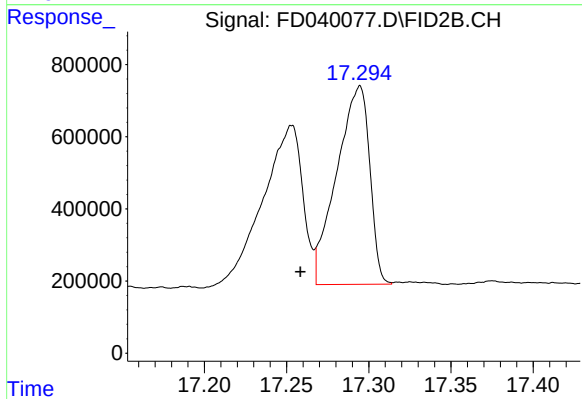
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.884 min
Delta R.T.: 0.030 min
Response: 8118176
Conc: 67.39 ug/ml



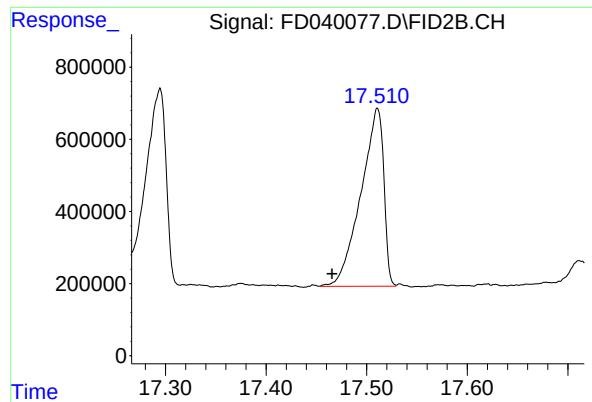
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.252 min
Delta R.T.: 0.038 min
Response: 7641362
Conc: 64.73 ug/ml m



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

R.T.: 17.294 min
Delta R.T.: 0.036 min
Response: 7660868
Conc: 66.10 ug/ml m



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

R.T.: 17.510 min
Delta R.T.: 0.045 min
Response: 7780333
Conc: 64.46 ug/ml m