

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AR\
 Data File : FD038222.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 19:20
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 04:51:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.524	2797541	21.465 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
6) S 2-Fluorobiphenyl (SURR)	8.387	1800962	20.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.70%
11) S ortho-Terphenyl (SURR)	11.424	2946230	19.441 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.327	3058391	21.592 ug/ml
2) T Naphthalene (C11.7)	5.863	3194110	21.604 ug/ml
3) T 2-Methylnaphthalene (...)	6.915	3155282	21.499 ug/ml
5) T Acenaphthylene (C15.06)	8.189	2921571	19.585 ug/ml
7) T Acenaphthene (C15.5)	8.484	3057282	19.745 ug/ml
8) T Flouorene (C16.55)	9.265	2875985	19.619 ug/ml
9) T Phenanthrene (C19.36)	10.661	2695537	18.647 ug/ml
10) T Anthracene (C19.43)	10.737	2374942	16.787 ug/ml
12) T Fluoranthene (C21.85)	12.474	2612341	18.032 ug/ml
13) T Pyrene (C20.8)	12.771	2569136	18.030 ug/ml
14) T Benzo[a]anthracene (C...	14.643	2408024	18.860 ug/ml
15) T Chrysene (C27.41)	14.686	2578342	18.212 ug/ml
16) T benzo[b]fluoranthene ...	16.198	2535308	20.331 ug/ml
17) T Bnezo[k]fluoranthene ...	16.198	2535308	19.327 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.577	2272604	19.374 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.949	2460332	23.771 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	2460332	20.873 ug/ml
21) T Benzo[g,h,i]perylene ...	18.203	2523333	23.118 ug/ml

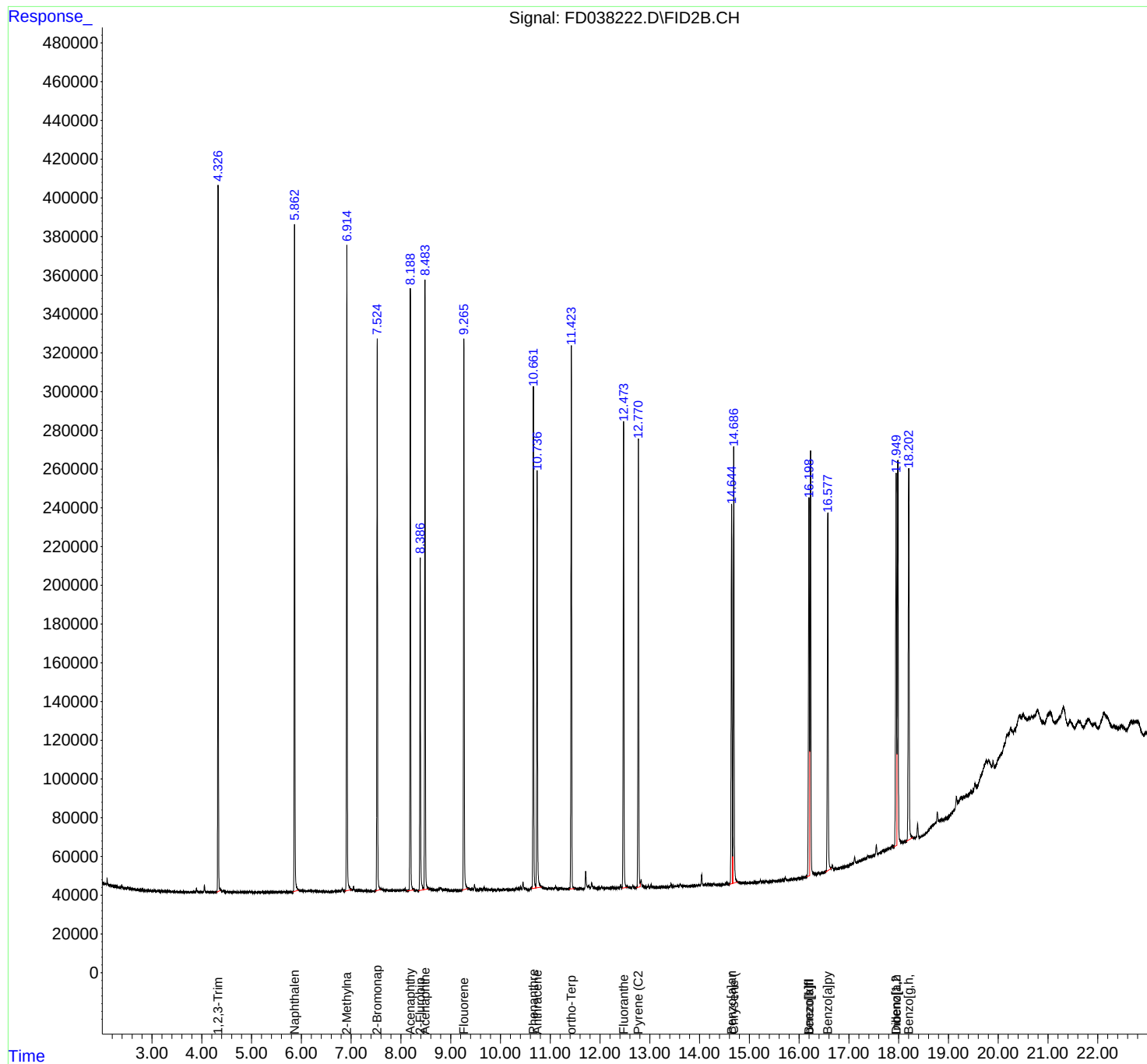
(f)=RT Delta > 1/2 Window

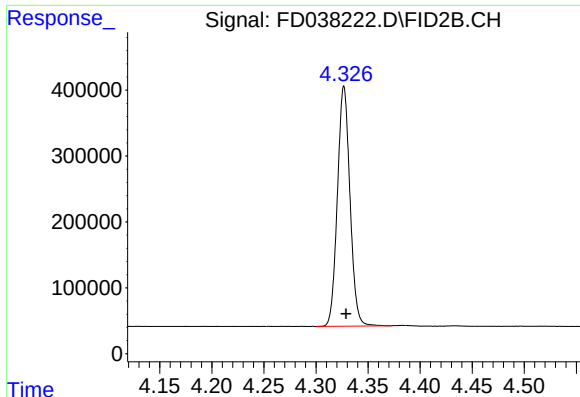
(m)=manual int.

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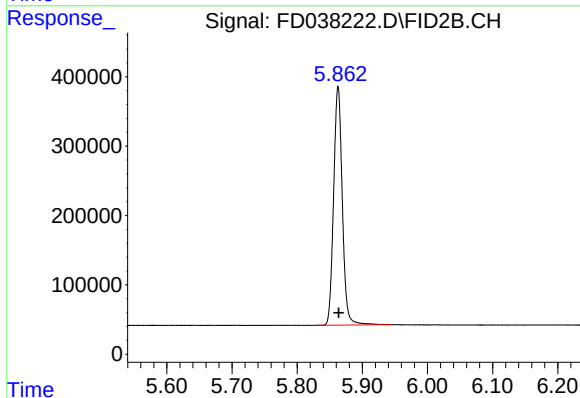
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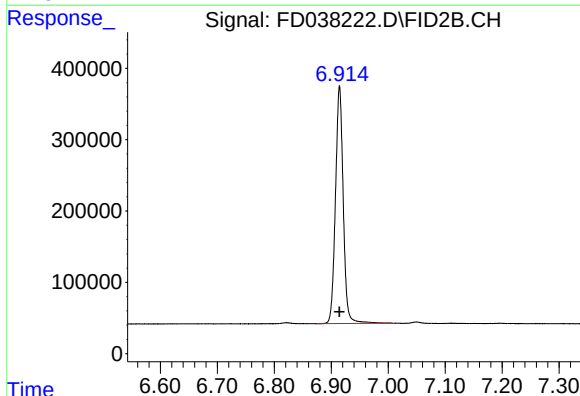
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 3058391
Conc: 21.59 ug/ml



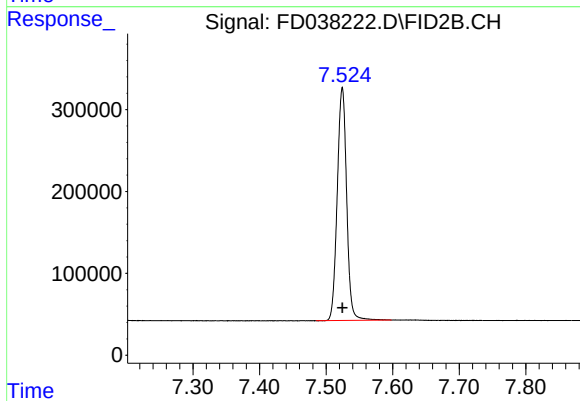
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 3194110
Conc: 21.60 ug/ml



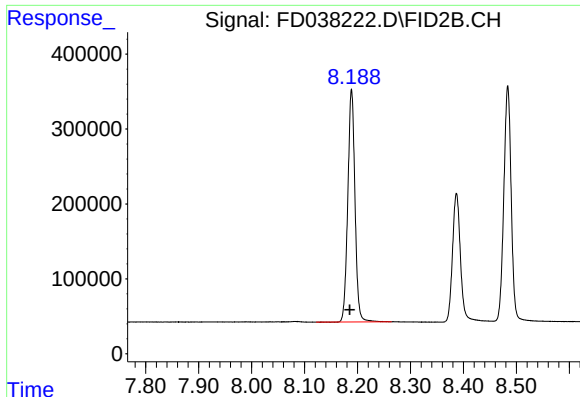
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 3155282
Conc: 21.50 ug/ml



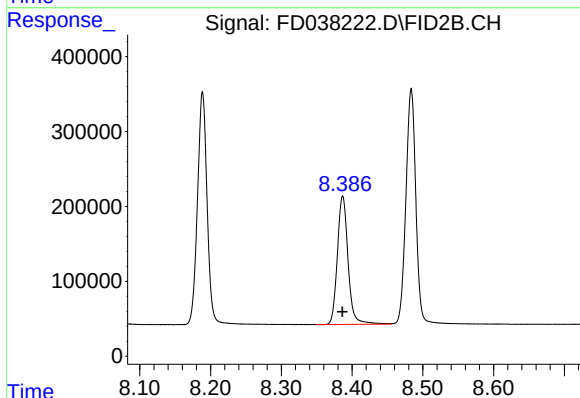
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 2797541
Conc: 21.47 ug/ml



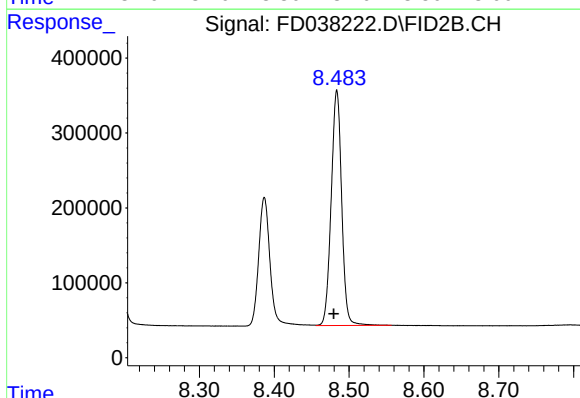
#5 Acenaphthylene (C15.06)

R.T.: 8.189 min
Delta R.T.: 0.003 min
Response: 2921571
Conc: 19.58 ug/ml



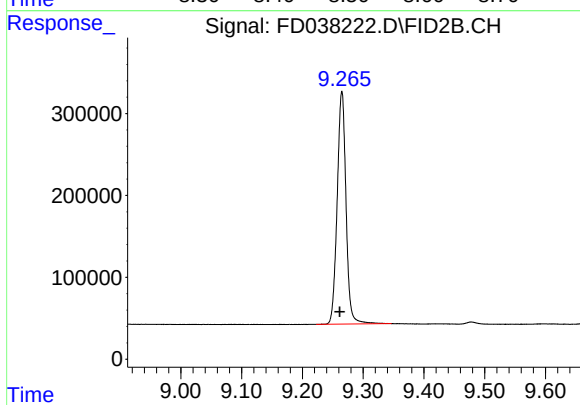
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 1800962
Conc: 20.35 ug/ml



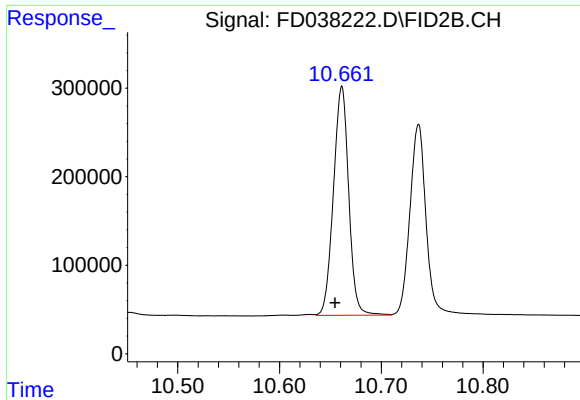
#7 Acenaphthene (C15.5)

R.T.: 8.484 min
Delta R.T.: 0.004 min
Response: 3057282
Conc: 19.75 ug/ml



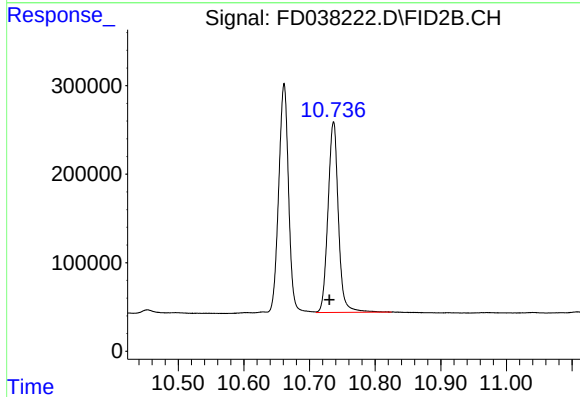
#8 Fluorene (C16.55)

R.T.: 9.265 min
Delta R.T.: 0.004 min
Response: 2875985
Conc: 19.62 ug/ml



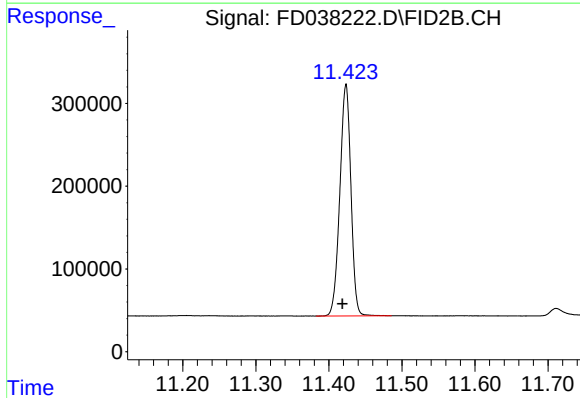
#9 Phenanthrene (C19.36)

R.T.: 10.661 min
Delta R.T.: 0.007 min
Response: 2695537
Conc: 18.65 ug/ml



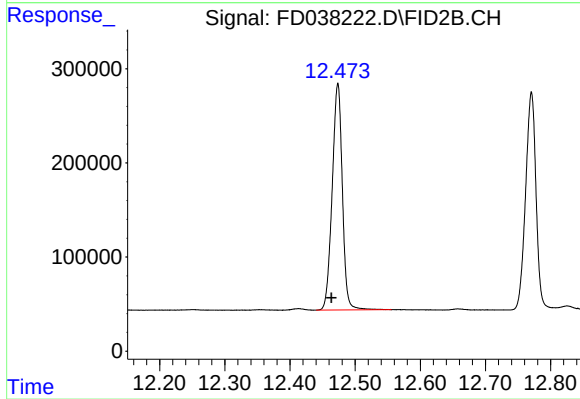
#10 Anthracene (C19.43)

R.T.: 10.737 min
Delta R.T.: 0.006 min
Response: 2374942
Conc: 16.79 ug/ml



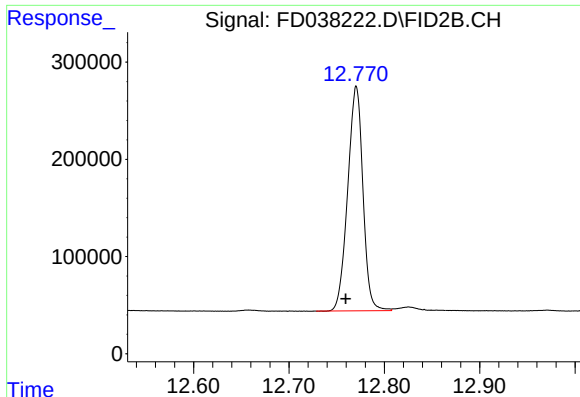
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: 0.005 min
Response: 2946230
Conc: 19.44 ug/ml



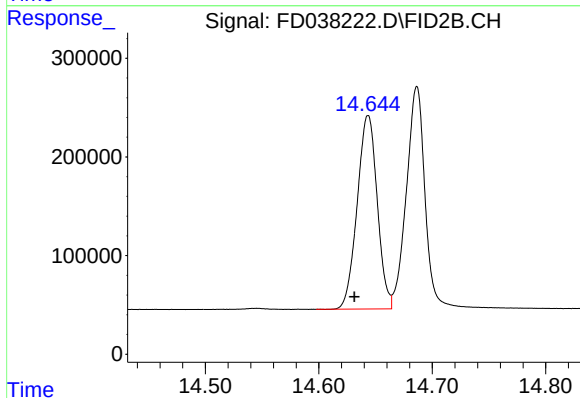
#12 Fluoranthene (C21.85)

R.T.: 12.474 min
Delta R.T.: 0.010 min
Response: 2612341
Conc: 18.03 ug/ml



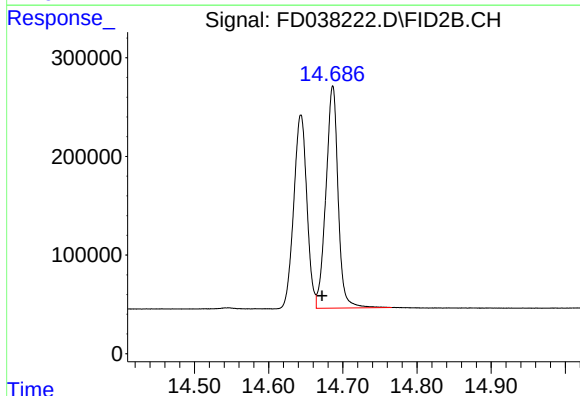
#13 Pyrene (C20.8)

R.T.: 12.771 min
Delta R.T.: 0.011 min
Response: 2569136
Conc: 18.03 ug/ml



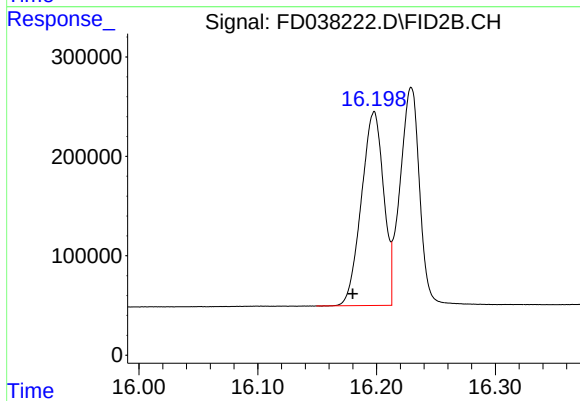
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: 0.012 min
Response: 2408024
Conc: 18.86 ug/ml



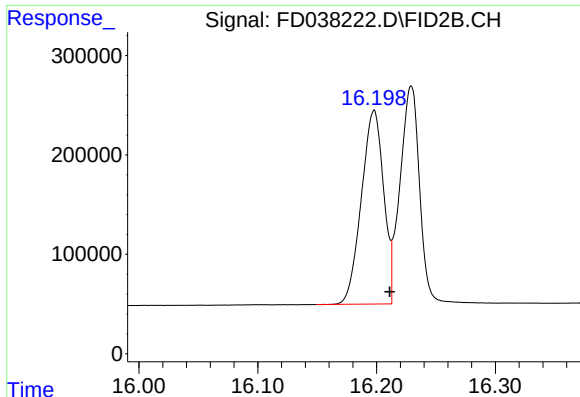
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.015 min
Response: 2578342
Conc: 18.21 ug/ml



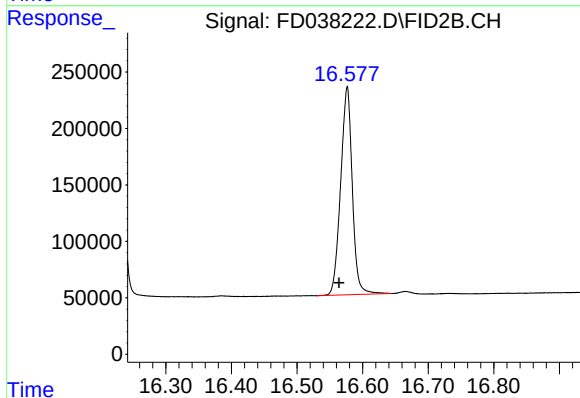
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min
Delta R.T.: 0.018 min
Response: 2535308
Conc: 20.33 ug/ml



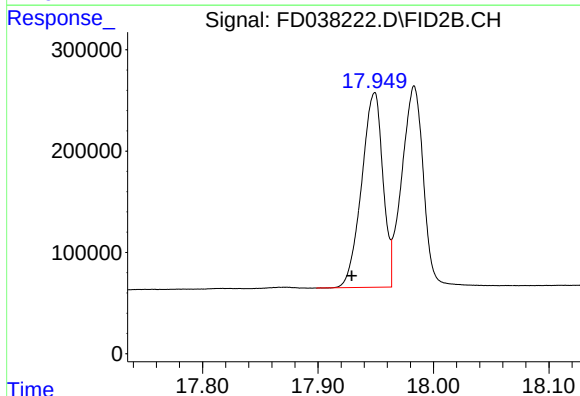
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.198 min
Delta R.T.: -0.013 min
Response: 2535308
Conc: 19.33 ug/ml



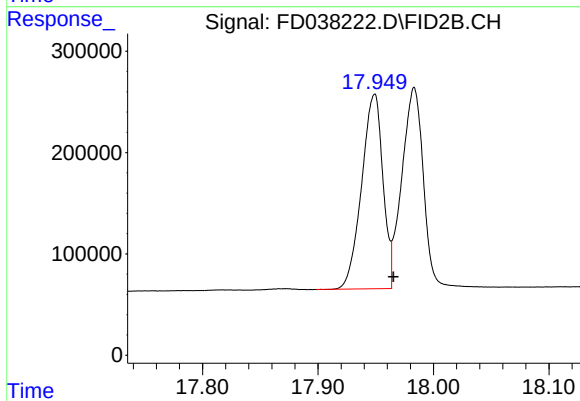
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.577 min
Delta R.T.: 0.013 min
Response: 2272604
Conc: 19.37 ug/ml



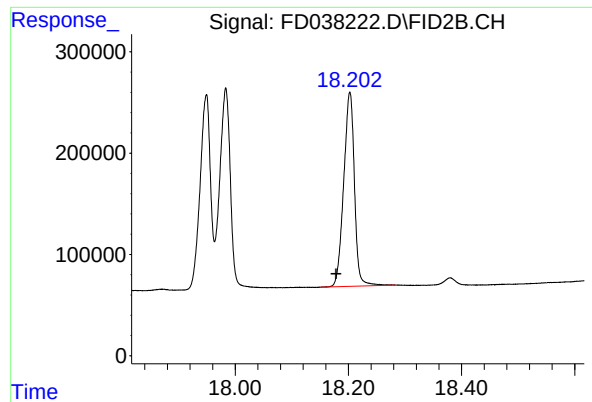
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.949 min
Delta R.T.: 0.020 min
Response: 2460332
Conc: 23.77 ug/ml



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

R.T.: 17.949 min
Delta R.T.: -0.016 min
Response: 2460332
Conc: 20.87 ug/ml



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

R.T.: 18.203 min
Delta R.T.: 0.025 min
Response: 2523333
Conc: 23.12 ug/ml