

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112421AR\
 Data File : FD039648.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 19:43
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 25 00:18:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 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...	7.743	2257222	20.175 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
6) S 2-Fluorobiphenyl (SURR)	8.612	1489350	19.859 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.72%
11) S ortho-Terphenyl (SURR)	11.655	2435191	19.690 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	2388901	19.287 ug/ml
2) T Naphthalene (C11.7)	6.079	2525831	19.751 ug/ml
3) T 2-Methylnaphthalene (...)	7.134	2575659	19.824 ug/ml
5) T Acenaphthylene (C15.06)	8.414	2378375	19.808 ug/ml
7) T Acenaphthene (C15.5)	8.710	2521241	19.797 ug/ml
8) T Fluorene (C16.55)	9.493	2455184	19.987 ug/ml
9) T Phenanthrene (C19.36)	10.894	2355255	19.636 ug/ml
10) T Anthracene (C19.43)	10.969	2301723	19.217 ug/ml
12) T Fluoranthene (C21.85)	12.710	2300855	19.301 ug/ml
13) T Pyrene (C20.8)	13.008	2206649	19.408 ug/ml
14) T Benzo[a]anthracene (C...	14.883	1905737	19.497 ug/ml
15) T Chrysene (C27.41)	14.924	2164205	19.010 ug/ml
16) T benzo[b]fluoranthene ...	16.436	1951470	19.837 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.467	2098339	19.829 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.815	1953344	20.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.184	1728166	18.539 ug/mlm
20) T Dibenz[a,h]anthracene...	18.218	2008235	19.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.437	1908496	19.308 ug/ml

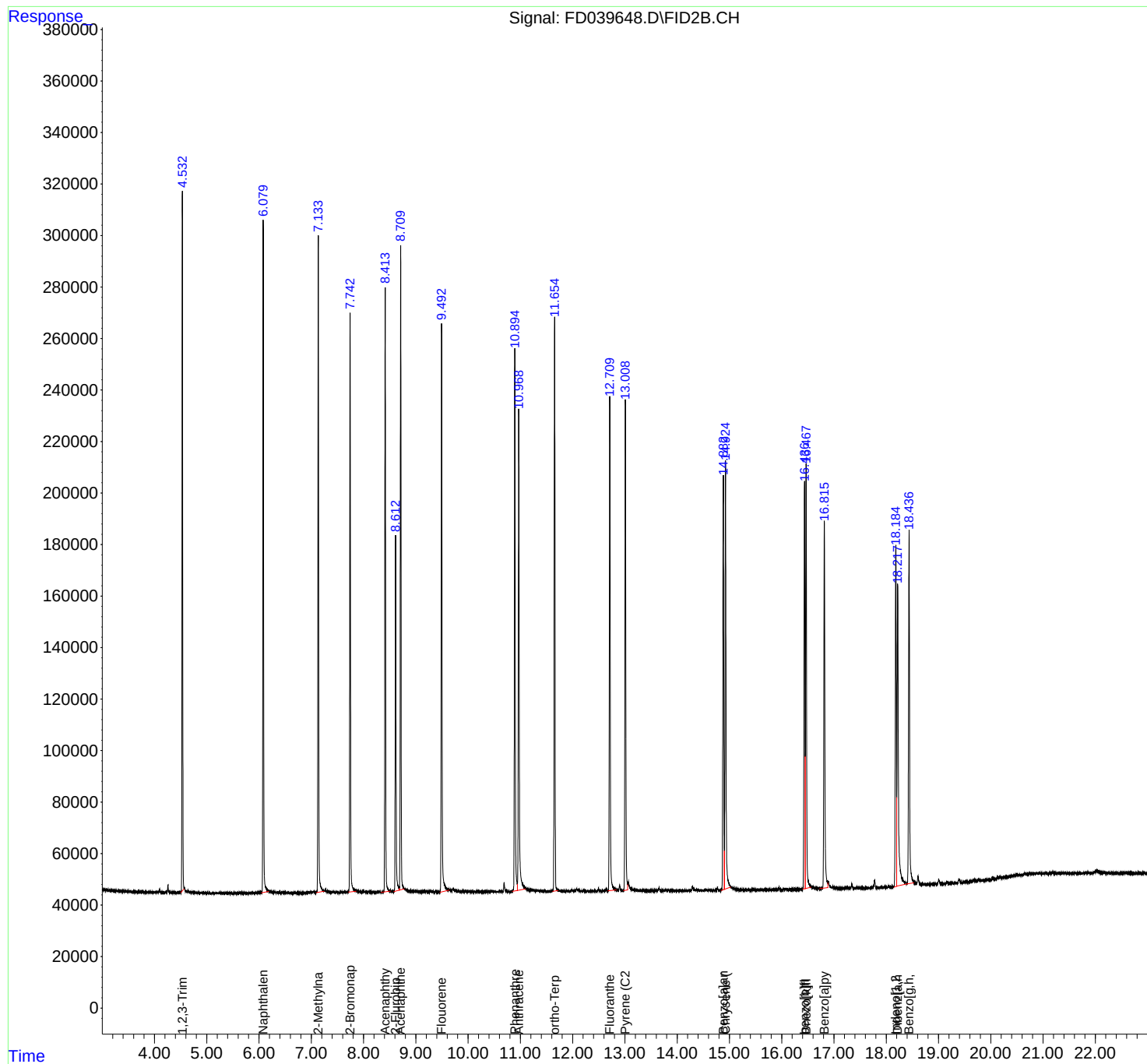
(f)=RT Delta > 1/2 Window

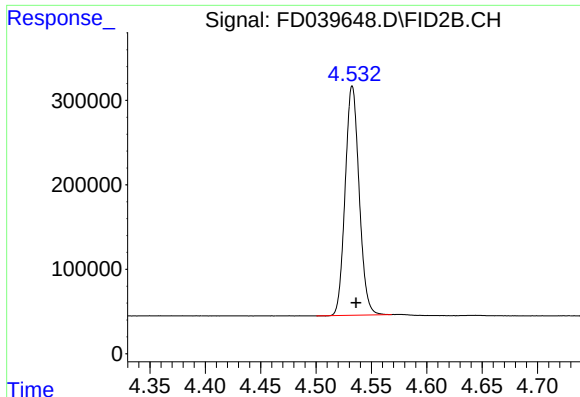
(m)=manual int.

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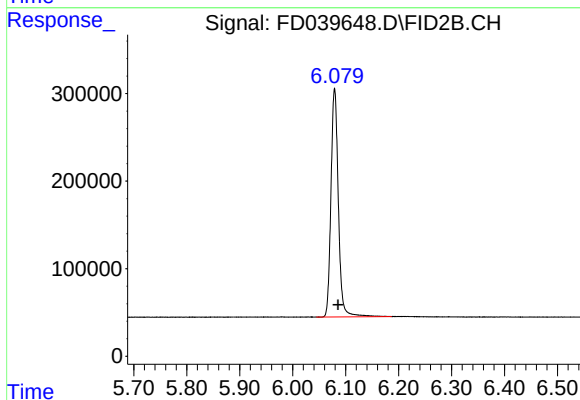
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Signal Info : 20M x 0.18mm x 0.18µm





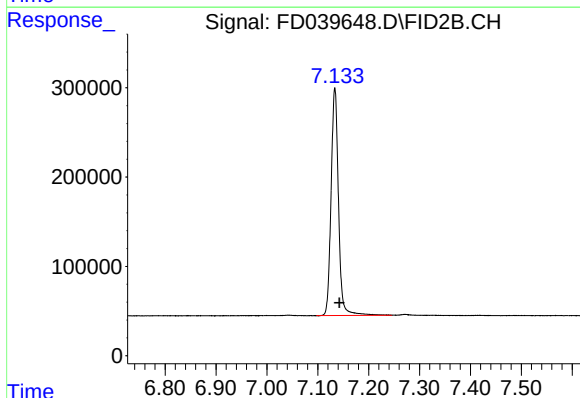
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.533 min
Delta R.T.: -0.003 min
Response: 2388901
Conc: 19.29 ug/ml



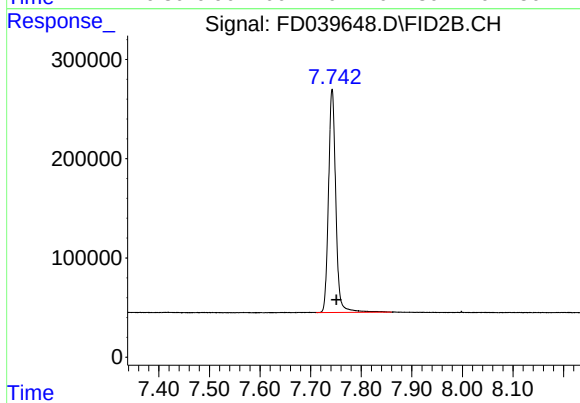
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.007 min
Response: 2525831
Conc: 19.75 ug/ml



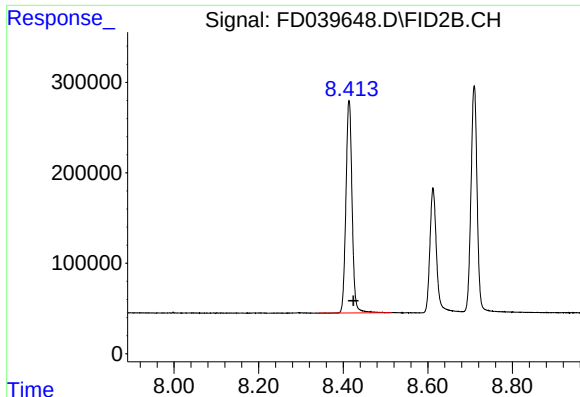
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.009 min
Response: 2575659
Conc: 19.82 ug/ml



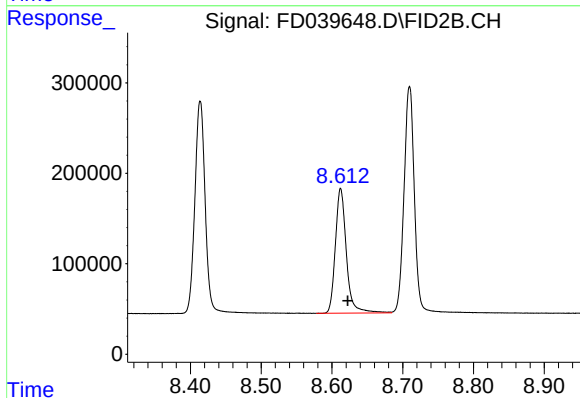
#4 2-Bromonaphthalene (SURR)

R.T.: 7.743 min
Delta R.T.: -0.008 min
Response: 2257222
Conc: 20.18 ug/ml



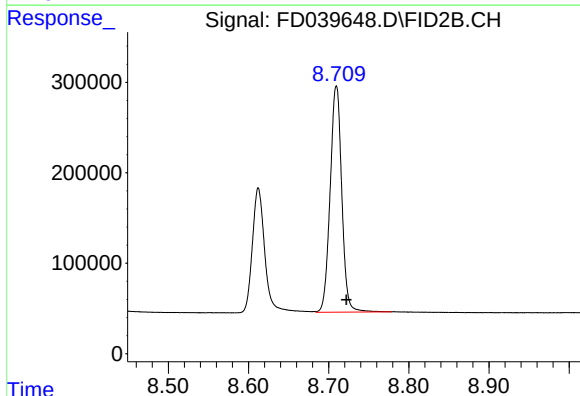
#5 Acenaphthylene (C15.06)

R.T.: 8.414 min
Delta R.T.: -0.010 min
Response: 2378375
Conc: 19.81 ug/ml



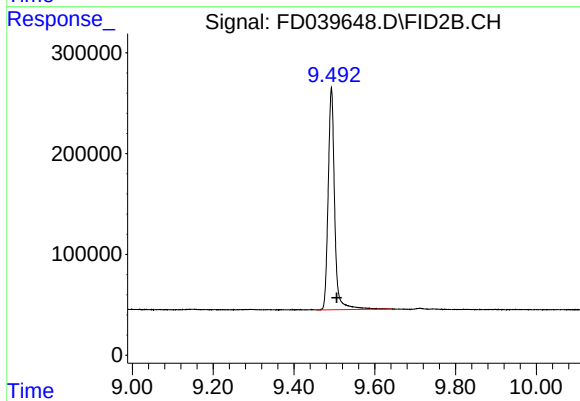
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: -0.010 min
Response: 1489350
Conc: 19.86 ug/ml



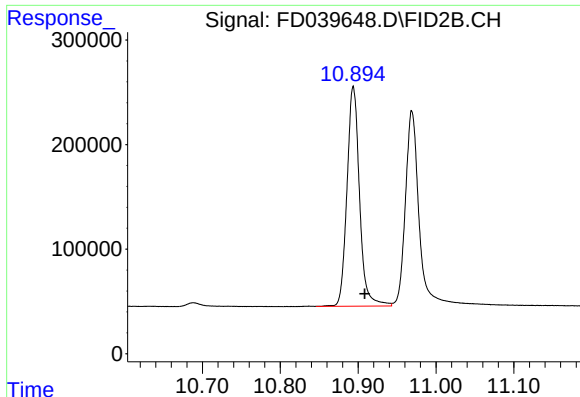
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: -0.013 min
Response: 2521241
Conc: 19.80 ug/ml



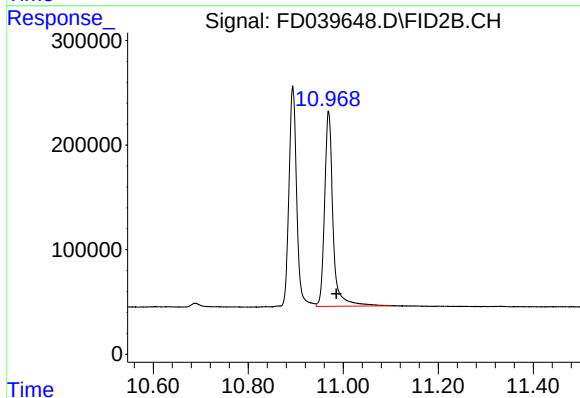
#8 Flouorene (C16.55)

R.T.: 9.493 min
Delta R.T.: -0.013 min
Response: 2455184
Conc: 19.99 ug/ml



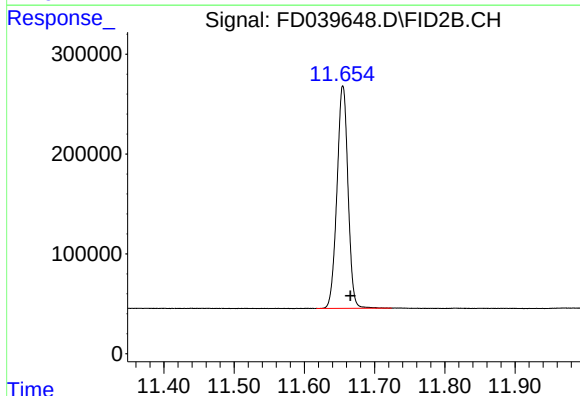
#9 Phenanthrene (C19.36)

R.T.: 10.894 min
Delta R.T.: -0.015 min
Response: 2355255
Conc: 19.64 ug/ml



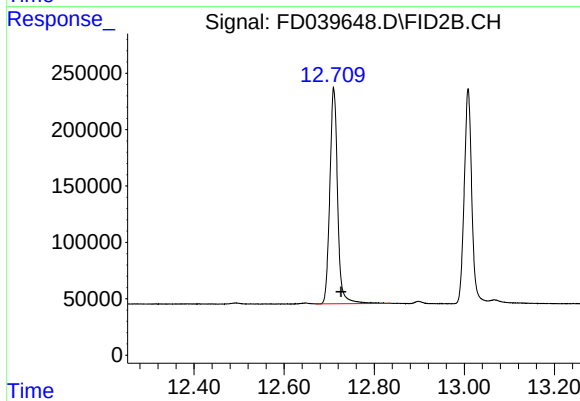
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: -0.016 min
Response: 2301723
Conc: 19.22 ug/ml



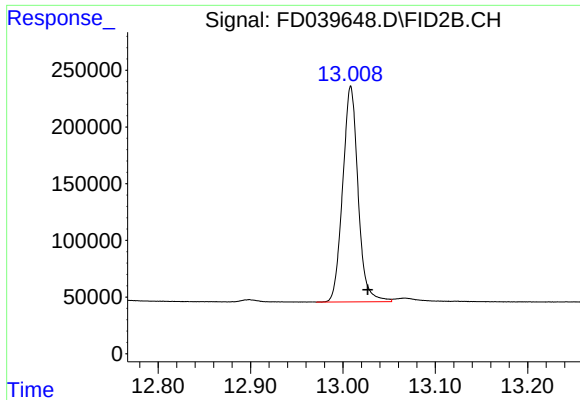
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: -0.011 min
Response: 2435191
Conc: 19.69 ug/ml



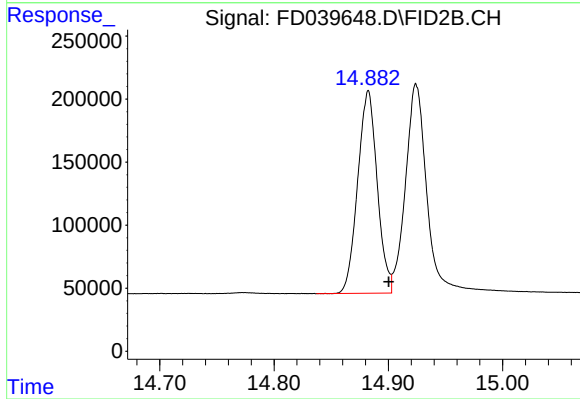
#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: -0.017 min
Response: 2300855
Conc: 19.30 ug/ml



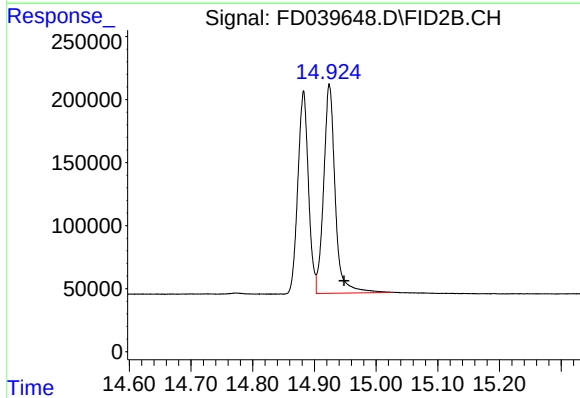
#13 Pyrene (C20.8)

R.T.: 13.008 min
Delta R.T.: -0.018 min
Response: 2206649
Conc: 19.41 ug/ml



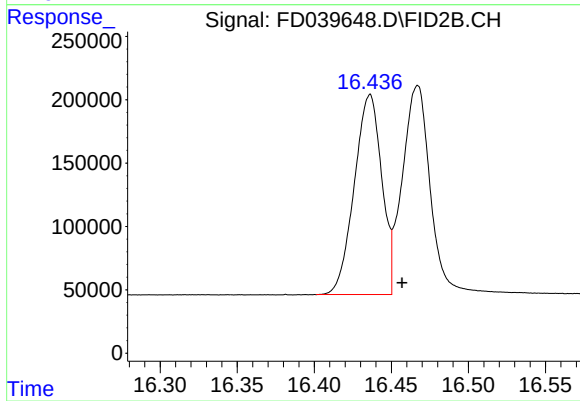
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.883 min
Delta R.T.: -0.018 min
Response: 1905737
Conc: 19.50 ug/ml



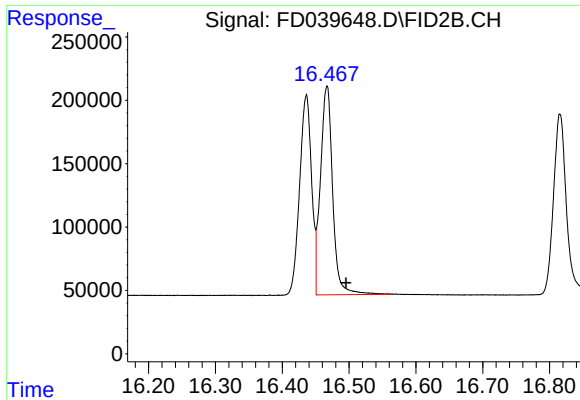
#15 Chrysene (C27.41)

R.T.: 14.924 min
Delta R.T.: -0.024 min
Response: 2164205
Conc: 19.01 ug/ml



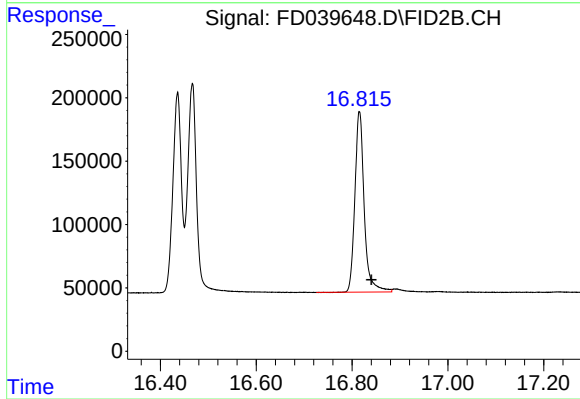
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.436 min
Delta R.T.: -0.021 min
Response: 1951470
Conc: 19.84 ug/ml m



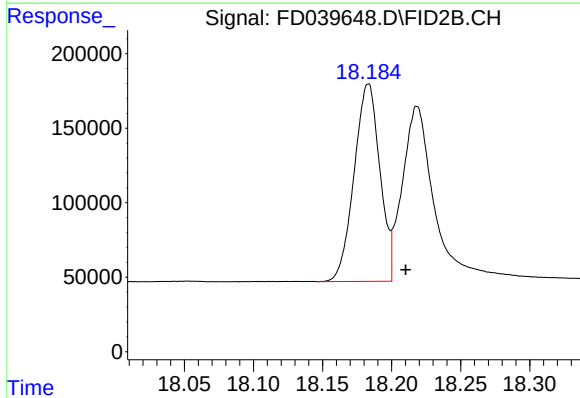
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.467 min
Delta R.T.: -0.028 min
Response: 2098339
Conc: 19.83 ug/ml



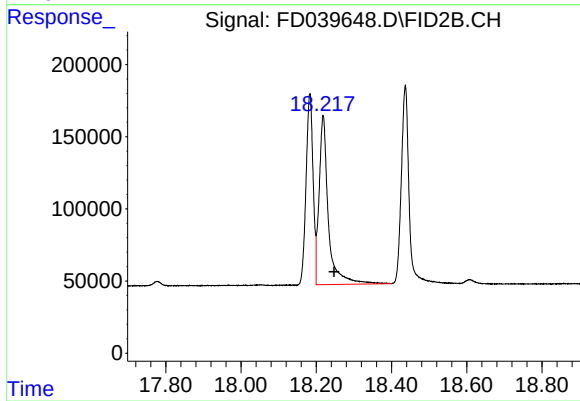
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.815 min
Delta R.T.: -0.025 min
Response: 1953344
Conc: 20.27 ug/ml



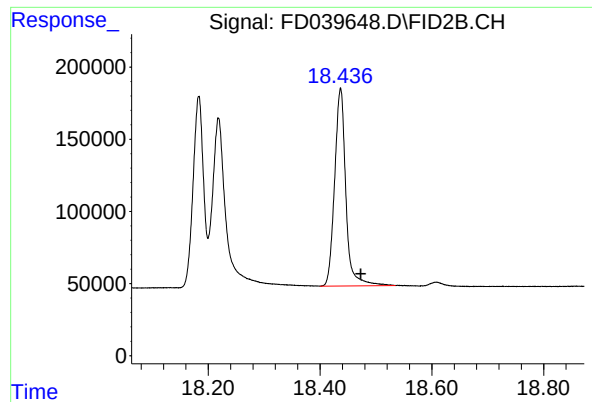
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.184 min
Delta R.T.: -0.027 min
Response: 1728166
Conc: 18.54 ug/ml m



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

R.T.: 18.218 min
Delta R.T.: -0.029 min
Response: 2008235
Conc: 19.61 ug/ml



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

R.T.: 18.437 min
Delta R.T.: -0.036 min
Response: 1908496
Conc: 19.31 ug/ml