

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111821AR\
 Data File : FD039492.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2021 12:20
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 18 13:52:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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...	7.746	2320034	19.996 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
6) S 2-Fluorobiphenyl (SURR)	8.616	1511219	18.850 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.70%
11) S ortho-Terphenyl (SURR)	11.658	2460991	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.537	2580955	20.971 ug/ml
2) T Naphthalene (C11.7)	6.083	2617931	20.199 ug/ml
3) T 2-Methylnaphthalene (...)	7.137	2634092	19.834 ug/ml
5) T Acenaphthylene (C15.06)	8.417	2461713	19.945 ug/ml
7) T Acenaphthene (C15.5)	8.713	2591830	19.870 ug/ml
8) T Flouorene (C16.55)	9.496	2464204	19.031 ug/ml
9) T Phenanthrene (C19.36)	10.897	2364784	18.312 ug/ml
10) T Anthracene (C19.43)	10.971	2254637	17.624 ug/ml
12) T Fluoranthene (C21.85)	12.713	2291220	17.586 ug/ml
13) T Pyrene (C20.8)	13.012	2219239	17.549 ug/ml
14) T Benzo[a]anthracene (C...	14.885	2021904	17.094 ug/ml
15) T Chrysene (C27.41)	14.927	2164456	17.208 ug/ml
16) T benzo[b]fluoranthene ...	16.438	2093539	17.844 ug/ml
17) T Bnezo[k]fluoranthene ...	16.471	2139328	18.179 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	2057895	18.080 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.184	2009495	18.771 ug/ml
20) T Dibenz[a,h]anthracene...	18.222	2083822	19.545 ug/ml
21) T Benzo[g,h,i]perylene ...	18.440	2067142	19.588 ug/ml

(f)=RT Delta > 1/2 Window

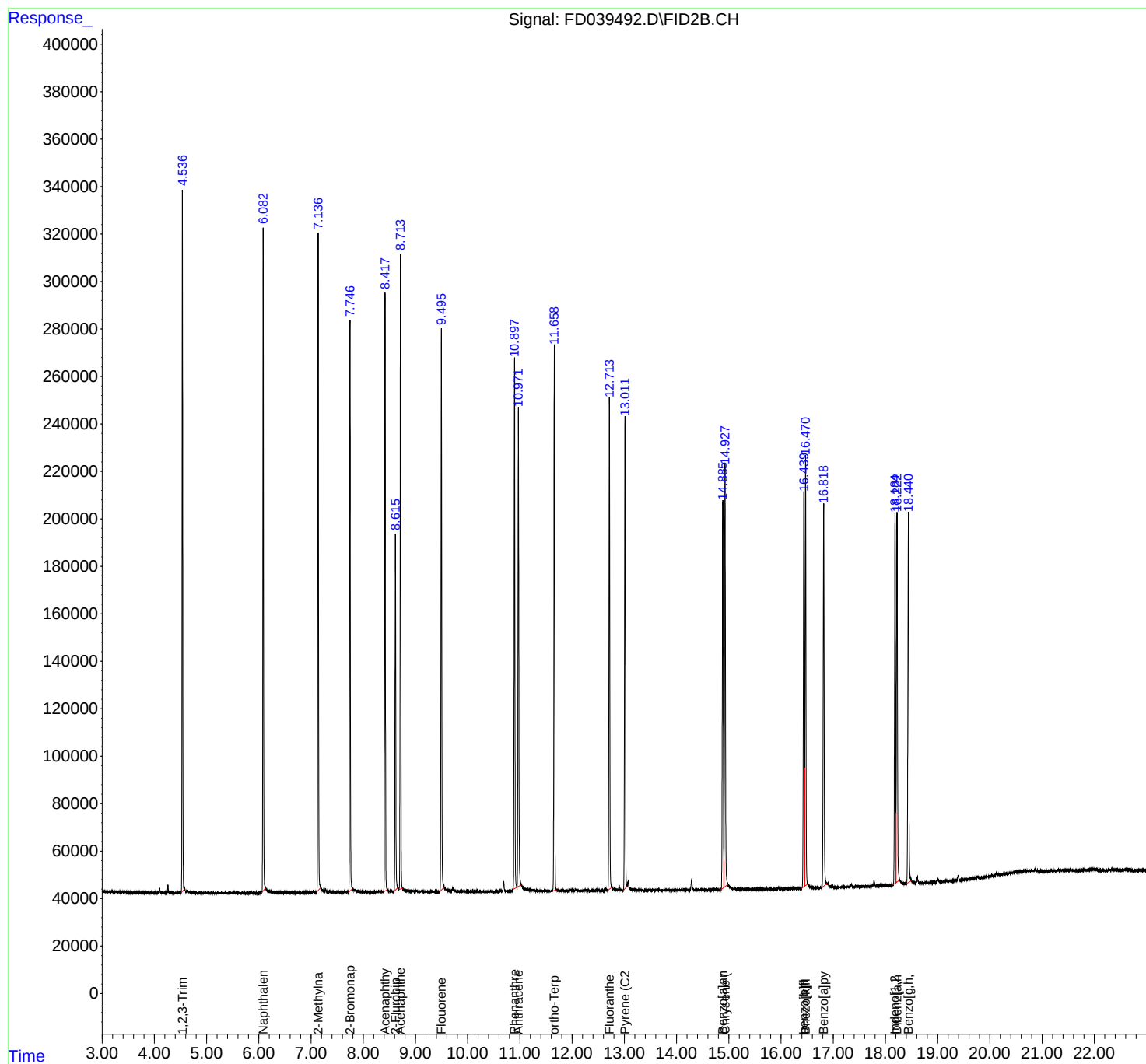
(m)=manual int.

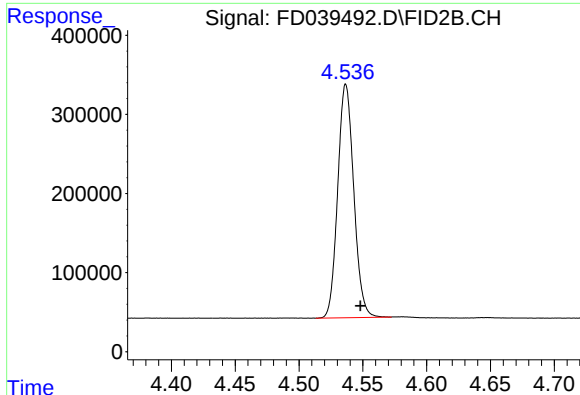
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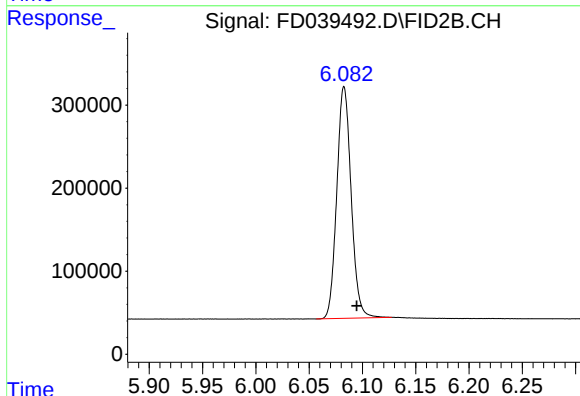




#1 1,2,3-Trimethylbenzene (C10.1)

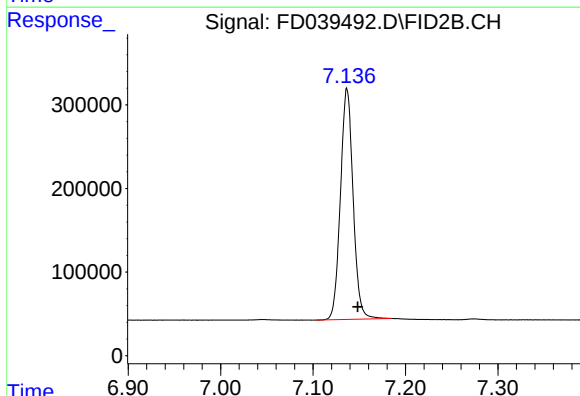
R.T.: 4.537 min
Delta R.T.: -0.011 min
Response: 2580955
Conc: 20.97 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



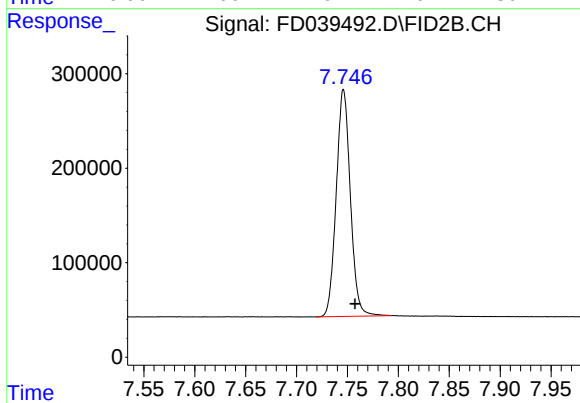
#2 Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.012 min
Response: 2617931
Conc: 20.20 ug/ml



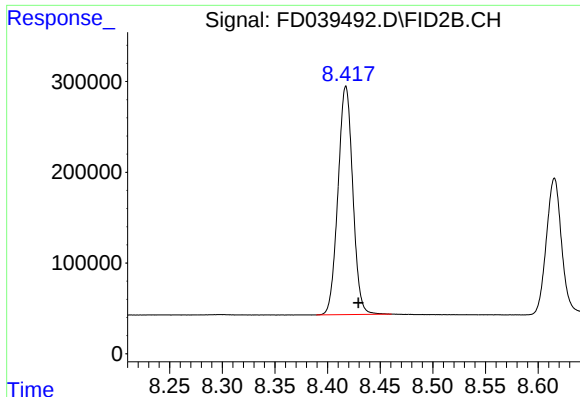
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.012 min
Response: 2634092
Conc: 19.83 ug/ml



#4 2-Bromonaphthalene (SURR)

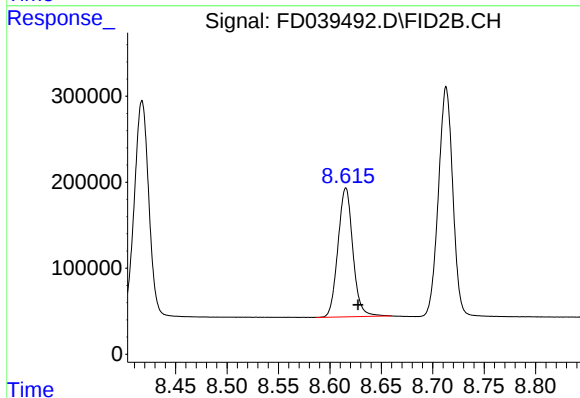
R.T.: 7.746 min
Delta R.T.: -0.011 min
Response: 2320034
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

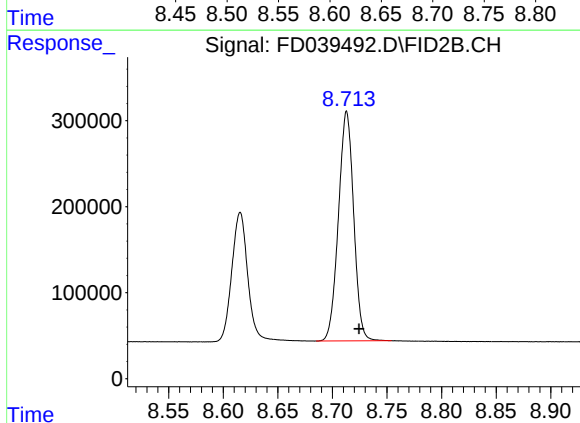
R.T.: 8.417 min
Delta R.T.: -0.012 min
Response: 2461713
Conc: 19.95 ug/ml

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20 PPM AROMATIC HC STD



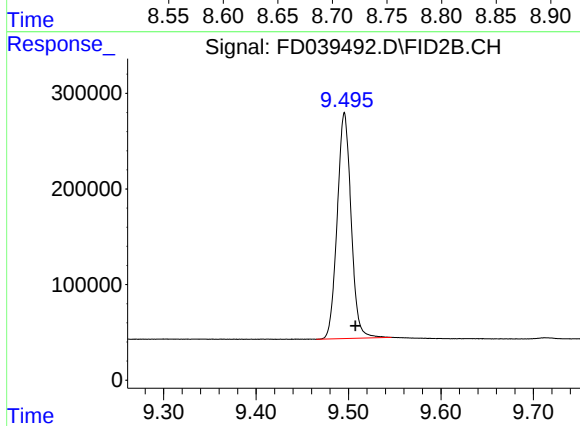
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.616 min
Delta R.T.: -0.012 min
Response: 1511219
Conc: 18.85 ug/ml



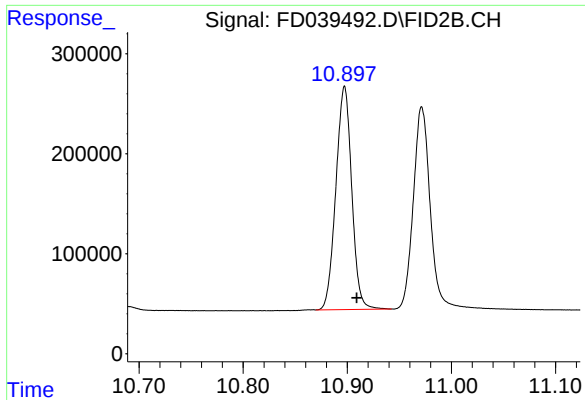
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: -0.011 min
Response: 2591830
Conc: 19.87 ug/ml



#8 Fluorene (C16.55)

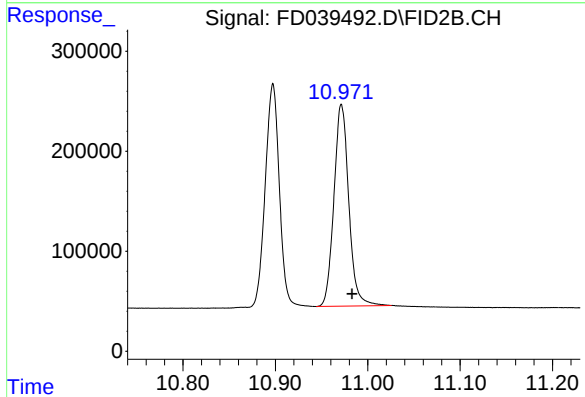
R.T.: 9.496 min
Delta R.T.: -0.012 min
Response: 2464204
Conc: 19.03 ug/ml



#9 Phenanthrene (C19.36)

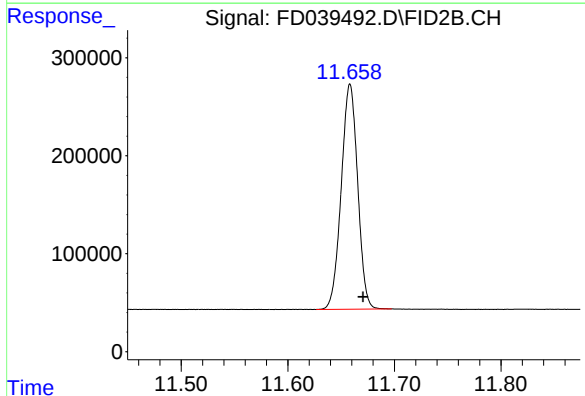
R.T.: 10.897 min
Delta R.T.: -0.012 min
Response: 2364784
Conc: 18.31 ug/ml

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20 PPM AROMATIC HC STD



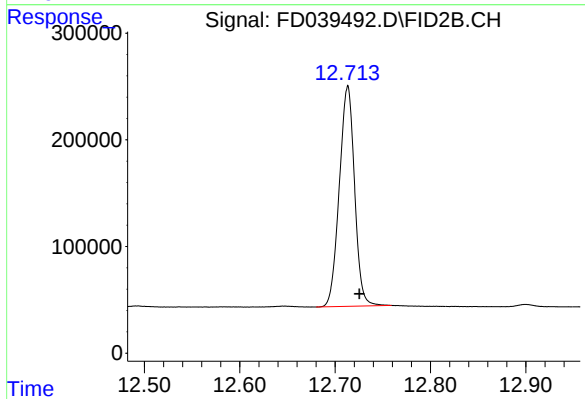
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.012 min
Response: 2254637
Conc: 17.62 ug/ml



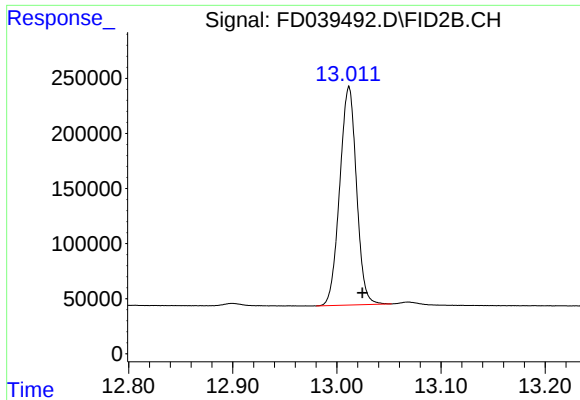
#11 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: -0.012 min
Response: 2460991
Conc: 19.29 ug/ml



#12 Fluoranthene (C21.85)

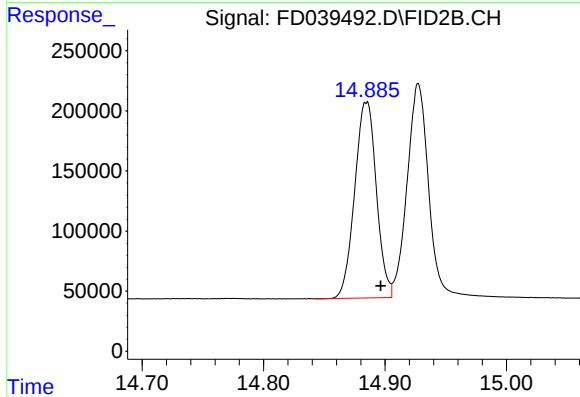
R.T.: 12.713 min
Delta R.T.: -0.012 min
Response: 2291220
Conc: 17.59 ug/ml



#13 Pyrene (C20.8)

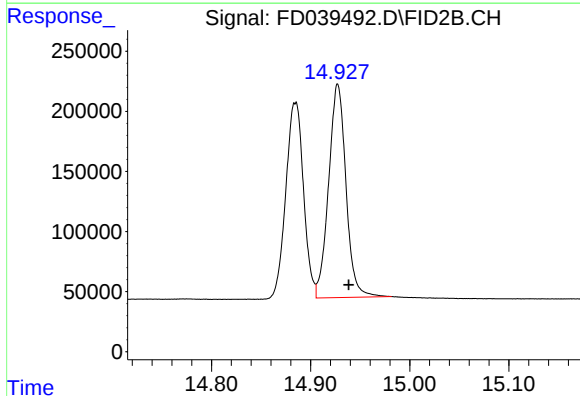
R.T.: 13.012 min
Delta R.T.: -0.013 min
Response: 2219239
Conc: 17.55 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



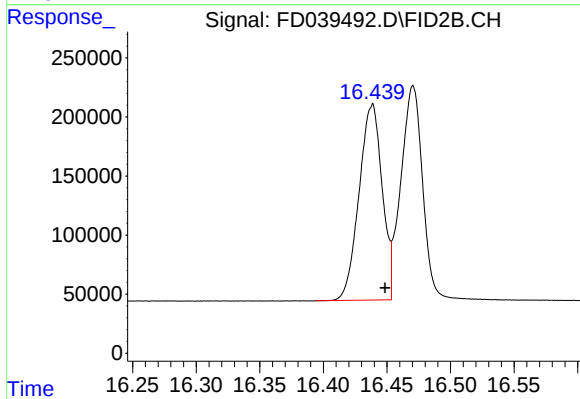
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.885 min
Delta R.T.: -0.012 min
Response: 2021904
Conc: 17.09 ug/ml



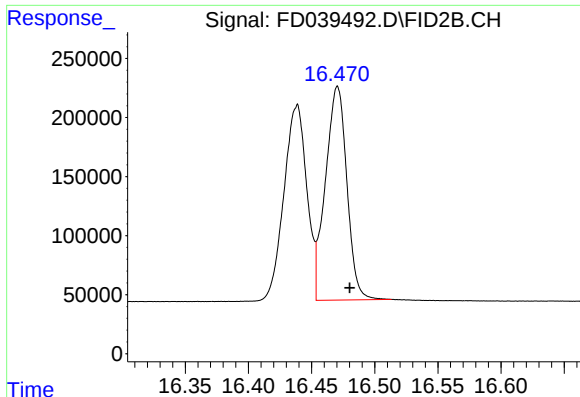
#15 Chrysene (C27.41)

R.T.: 14.927 min
Delta R.T.: -0.011 min
Response: 2164456
Conc: 17.21 ug/ml



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

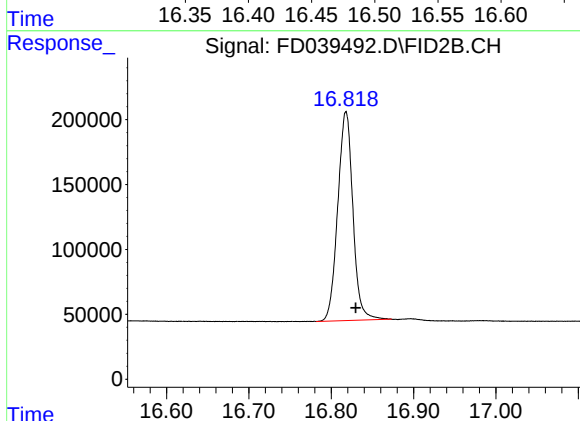
R.T.: 16.438 min
Delta R.T.: -0.010 min
Response: 2093539
Conc: 17.84 ug/ml



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

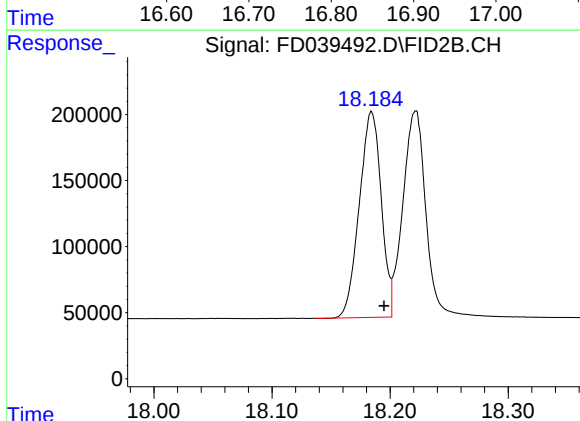
R.T.: 16.471 min
Delta R.T.: -0.010 min
Response: 2139328
Conc: 18.18 ug/ml

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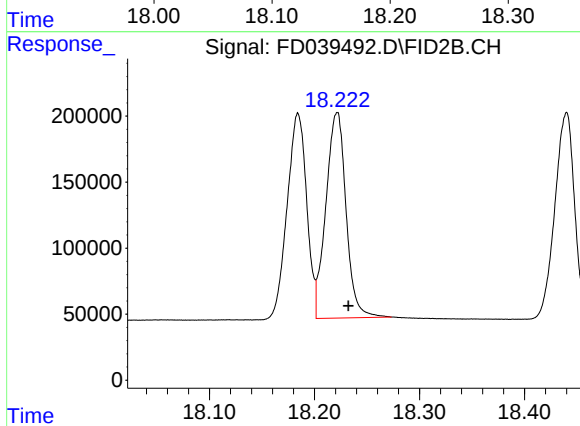
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min
Delta R.T.: -0.012 min
Response: 2057895
Conc: 18.08 ug/ml



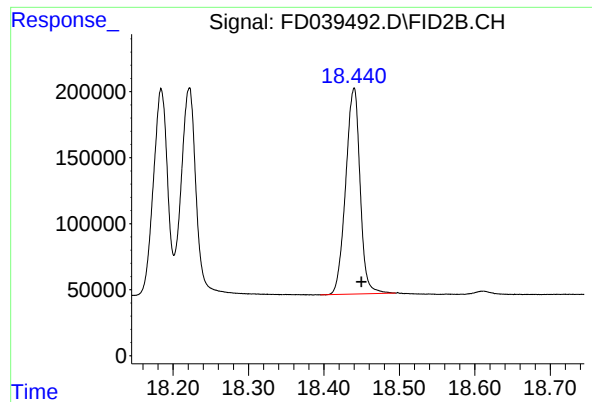
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.184 min
Delta R.T.: -0.011 min
Response: 2009495
Conc: 18.77 ug/ml



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

R.T.: 18.222 min
Delta R.T.: -0.011 min
Response: 2083822
Conc: 19.54 ug/ml



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

R.T.: 18.440 min
Delta R.T.: -0.010 min
Response: 2067142
Conc: 19.59 ug/ml

Instrument :

FID_D

ClientSampleId :

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