

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111221AR\
 Data File : FD039440.D
 Signal(s) : FID2B.CH
 Acq On : 13 Nov 2021 2:28
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Nov 13 05:30:46 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...	7.749	2381448	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
6) S 2-Fluorobiphenyl (SURR)	8.618	1556845	19.419 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.84%
11) S ortho-Terphenyl (SURR)	11.662	2546906	19.968 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	2628901	21.360 ug/ml
2) T Naphthalene (C11.7)	6.085	2688558	20.744 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	2697770	20.313 ug/ml
5) T Acenaphthylene (C15.06)	8.421	2490236	20.177 ug/ml
7) T Acenaphthene (C15.5)	8.716	2654752	20.352 ug/ml
8) T Flouorene (C16.55)	9.499	2535907	19.585 ug/ml
9) T Phenanthrene (C19.36)	10.901	2444543	18.929 ug/ml
10) T Anthracene (C19.43)	10.975	2006787	15.686 ug/ml
12) T Fluoranthene (C21.85)	12.716	2371480	18.202 ug/ml
13) T Pyrene (C20.8)	13.015	2286295	18.079 ug/ml
14) T Benzo[a]anthracene (C...	14.888	2097005	17.729 ug/ml
15) T Chrysene (C27.41)	14.931	2257954	17.951 ug/ml
16) T benzo[b]fluoranthene ...	16.442	2183764	18.613 ug/ml
17) T Bnezo[k]fluoranthene ...	16.473	2202327	18.715 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.822	2094285	18.400 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.189	2121559	19.817 ug/ml
20) T Dibenz[a,h]anthracene...	18.226	2156491	20.226 ug/ml
21) T Benzo[g,h,i]perylene ...	18.445	2136855	20.249 ug/ml

(f)=RT Delta > 1/2 Window

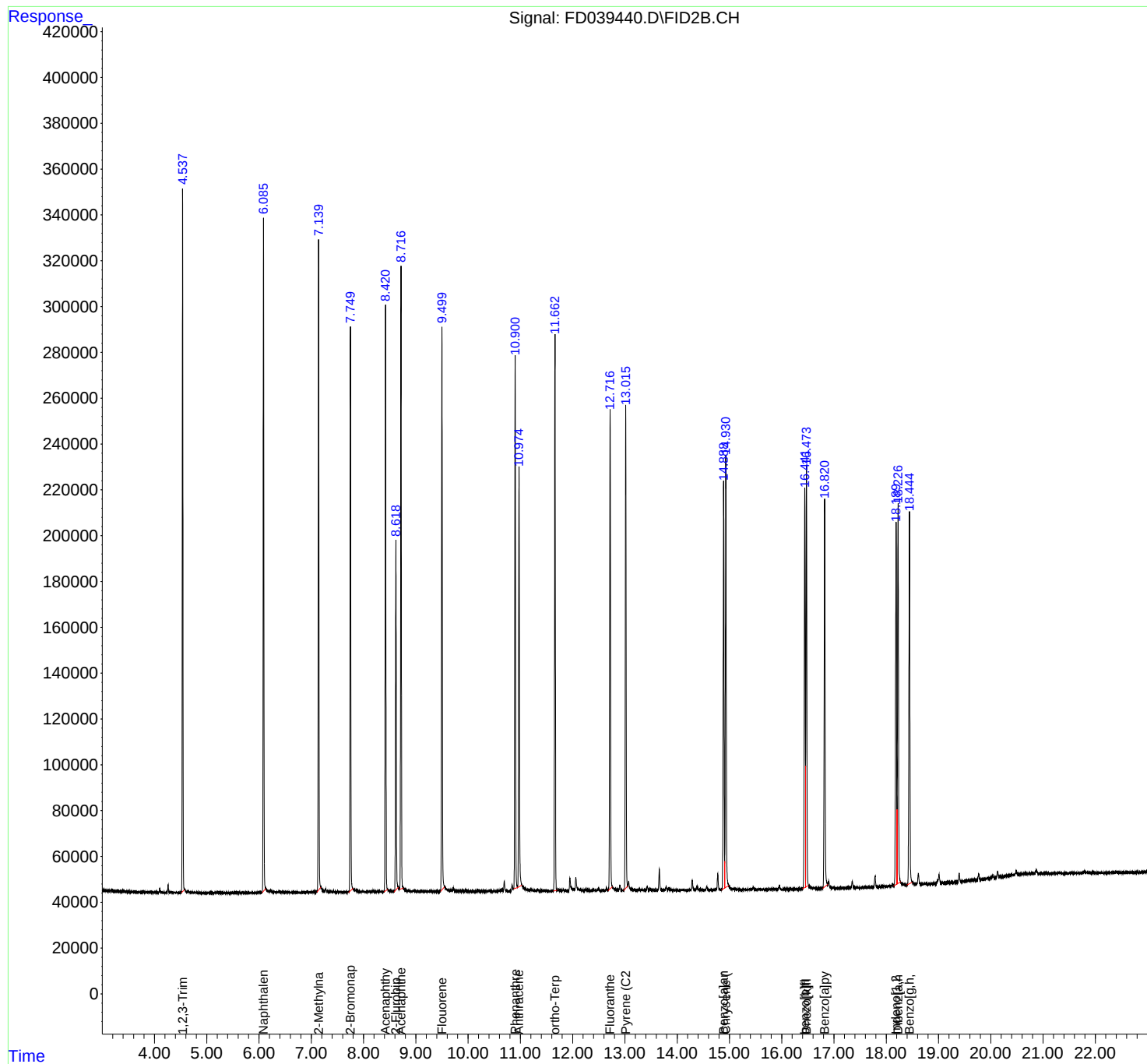
(m)=manual int.

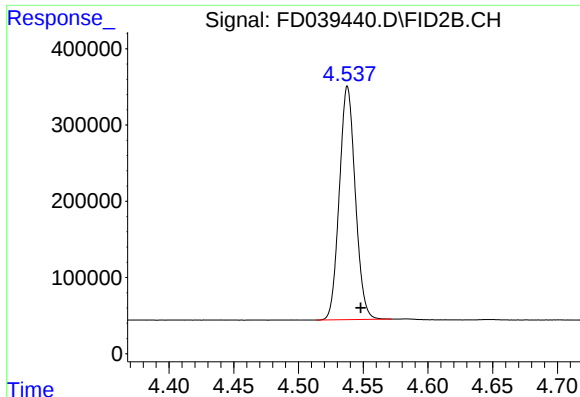
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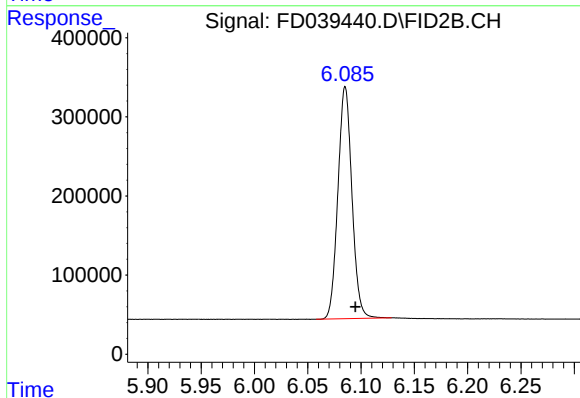




#1 1,2,3-Trimethylbenzene (C10.1)

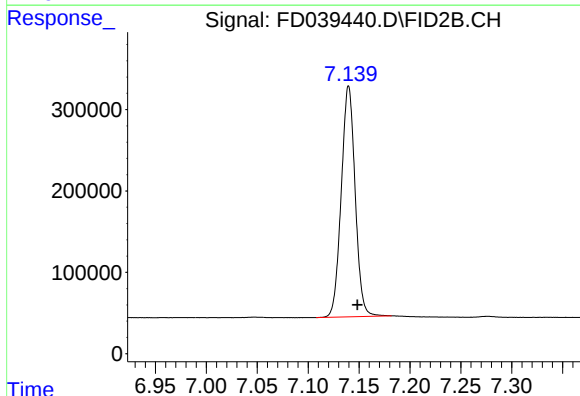
R.T.: 4.538 min
Delta R.T.: -0.010 min
Response: 2628901
Conc: 21.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



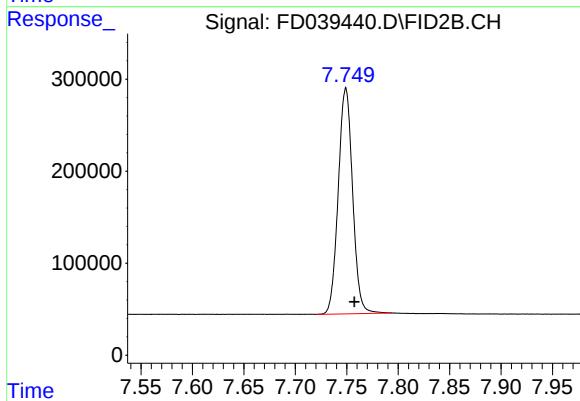
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.010 min
Response: 2688558
Conc: 20.74 ug/ml



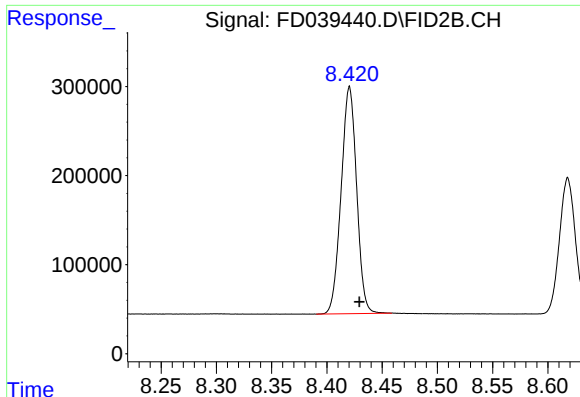
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.008 min
Response: 2697770
Conc: 20.31 ug/ml



#4 2-Bromonaphthalene (SURR)

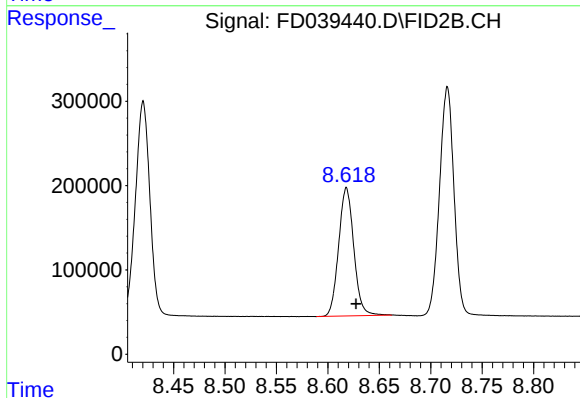
R.T.: 7.749 min
Delta R.T.: -0.008 min
Response: 2381448
Conc: 20.53 ug/ml



#5 Acenaphthylene (C15.06)

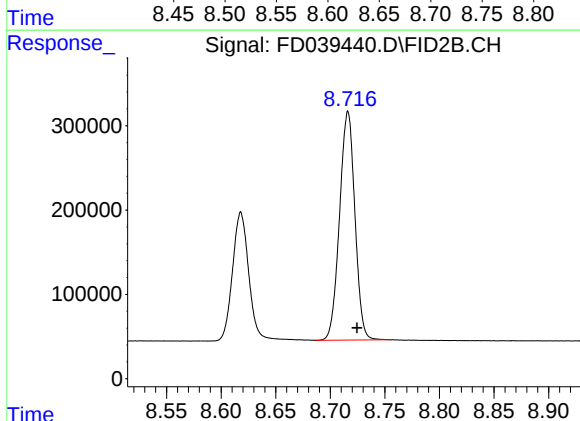
R.T.: 8.421 min
Delta R.T.: -0.009 min
Response: 2490236
Conc: 20.18 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



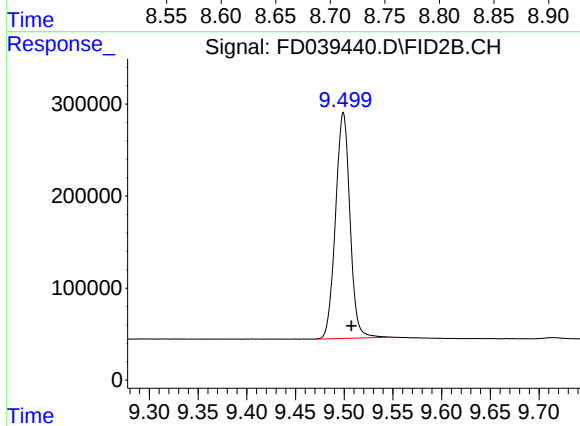
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.618 min
Delta R.T.: -0.009 min
Response: 1556845
Conc: 19.42 ug/ml



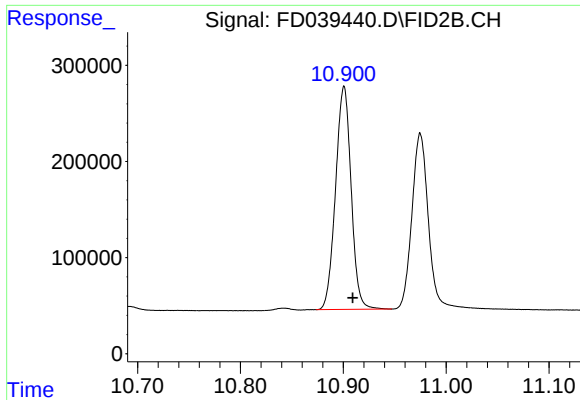
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.008 min
Response: 2654752
Conc: 20.35 ug/ml



#8 Flouorene (C16.55)

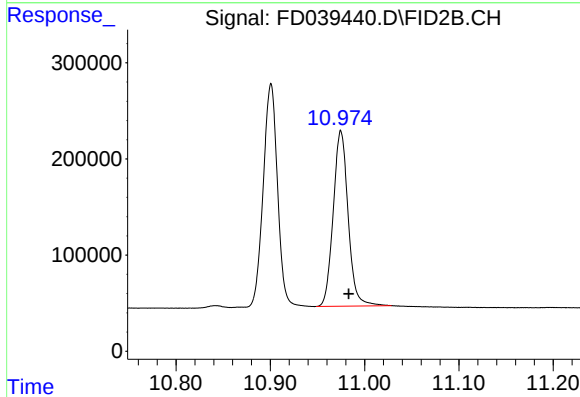
R.T.: 9.499 min
Delta R.T.: -0.008 min
Response: 2535907
Conc: 19.58 ug/ml



#9 Phenanthrene (C19.36)

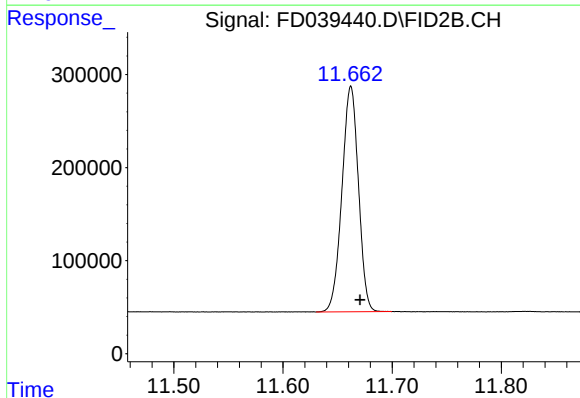
R.T.: 10.901 min
Delta R.T.: -0.008 min
Response: 2444543
Conc: 18.93 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



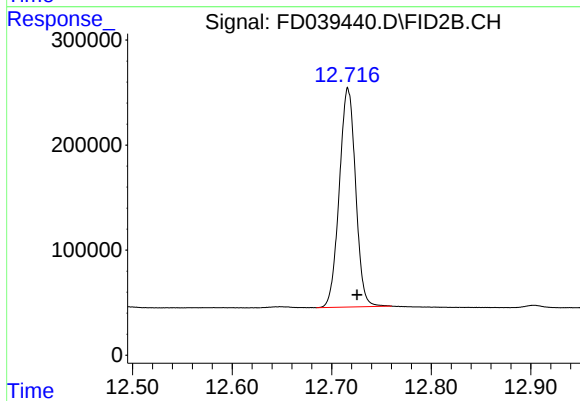
#10 Anthracene (C19.43)

R.T.: 10.975 min
Delta R.T.: -0.008 min
Response: 2006787
Conc: 15.69 ug/ml



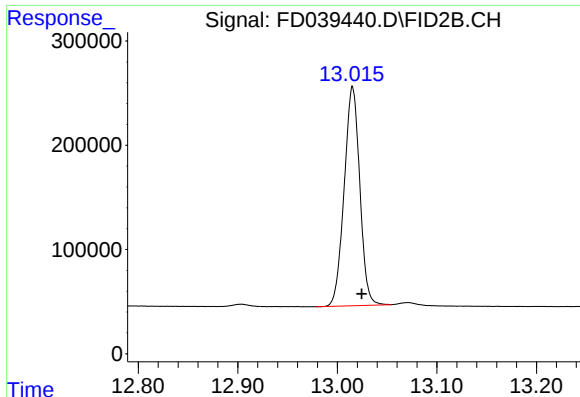
#11 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.008 min
Response: 2546906
Conc: 19.97 ug/ml



#12 Fluoranthene (C21.85)

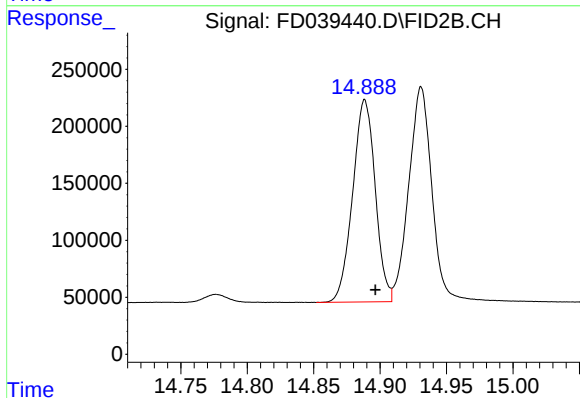
R.T.: 12.716 min
Delta R.T.: -0.009 min
Response: 2371480
Conc: 18.20 ug/ml



#13 Pyrene (C20.8)

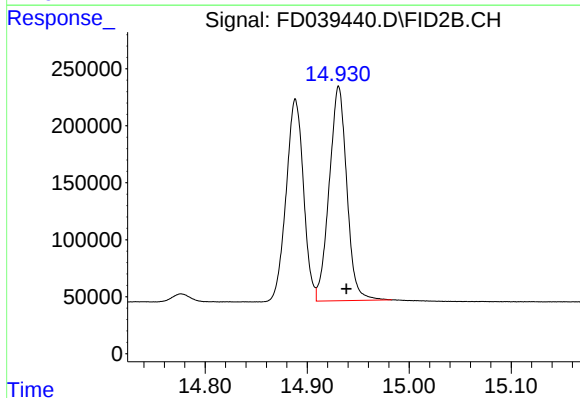
R.T.: 13.015 min
Delta R.T.: -0.009 min
Response: 2286295
Conc: 18.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



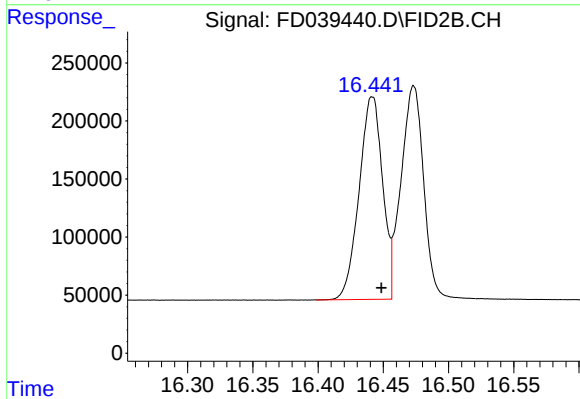
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.888 min
Delta R.T.: -0.008 min
Response: 2097005
Conc: 17.73 ug/ml



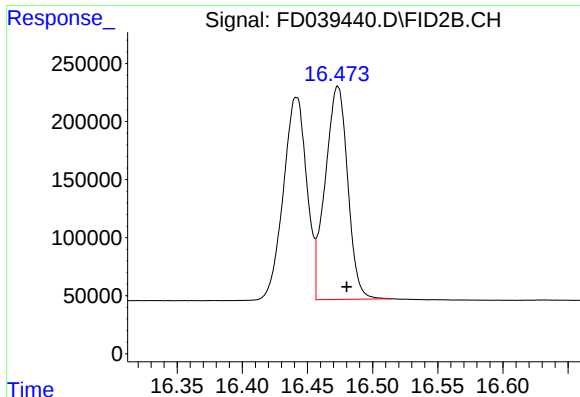
#15 Chrysene (C27.41)

R.T.: 14.931 min
Delta R.T.: -0.008 min
Response: 2257954
Conc: 17.95 ug/ml



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

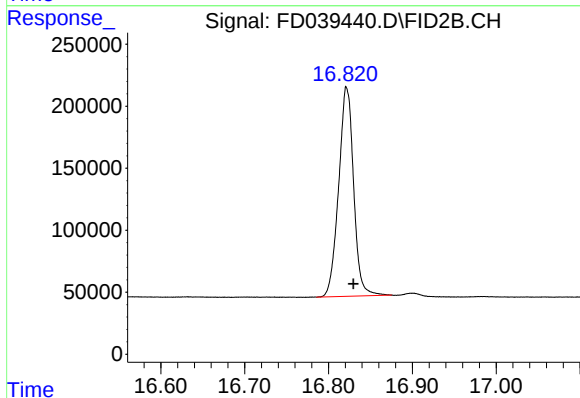
R.T.: 16.442 min
Delta R.T.: -0.007 min
Response: 2183764
Conc: 18.61 ug/ml



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

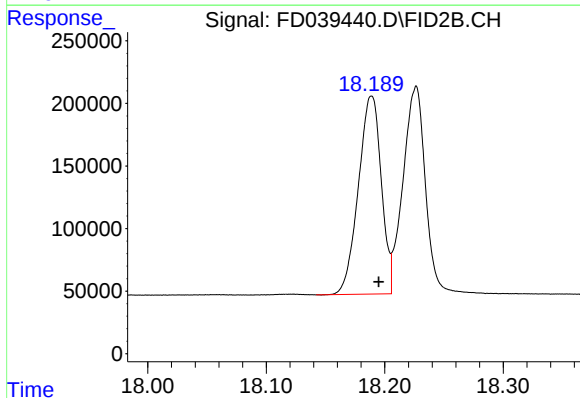
R.T.: 16.473 min
Delta R.T.: -0.007 min
Response: 2202327
Conc: 18.71 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



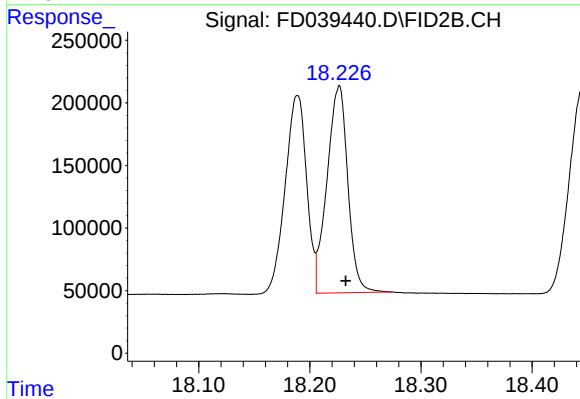
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.822 min
Delta R.T.: -0.008 min
Response: 2094285
Conc: 18.40 ug/ml



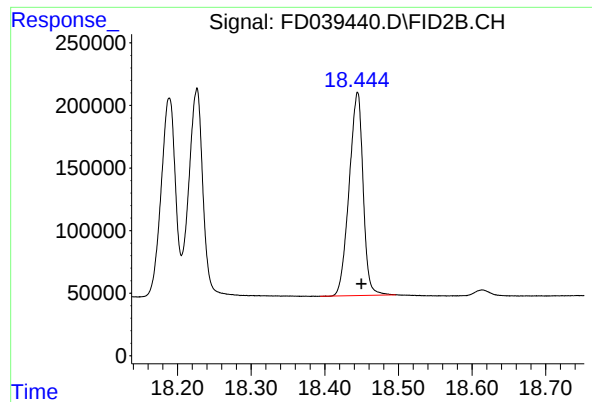
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.189 min
Delta R.T.: -0.006 min
Response: 2121559
Conc: 19.82 ug/ml



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

R.T.: 18.226 min
Delta R.T.: -0.006 min
Response: 2156491
Conc: 20.23 ug/ml



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

R.T.: 18.445 min
Delta R.T.: -0.005 min
Response: 2136855
Conc: 20.25 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD