

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111821AR\
 Data File : FD039495.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2021 14:25
 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 15:47:11 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...	7.747	2317436	19.973 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
6) S 2-Fluorobiphenyl (SURR)	8.616	1510371	18.839 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.68%
11) S ortho-Terphenyl (SURR)	11.659	2461887	19.302 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.537	2597277	21.103 ug/ml
2) T Naphthalene (C11.7)	6.083	2625273	20.256 ug/ml
3) T 2-Methylnaphthalene (...)	7.137	2636760	19.854 ug/ml
5) T Acenaphthylene (C15.06)	8.418	2454001	19.883 ug/ml
7) T Acenaphthene (C15.5)	8.713	2593777	19.885 ug/ml
8) T Flouorene (C16.55)	9.496	2450864	18.928 ug/ml
9) T Phenanthrene (C19.36)	10.897	2356780	18.250 ug/ml
10) T Anthracene (C19.43)	10.972	2246133	17.557 ug/ml
12) T Fluoranthene (C21.85)	12.714	2286093	17.546 ug/ml
13) T Pyrene (C20.8)	13.013	2211682	17.489 ug/ml
14) T Benzo[a]anthracene (C...	14.886	2024180	17.114 ug/ml
15) T Chrysene (C27.41)	14.928	2176716	17.305 ug/ml
16) T benzo[b]fluoranthene ...	16.439	2090369	17.817 ug/ml
17) T Bnezo[k]fluoranthene ...	16.471	2141497	18.198 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.820	2048735	18.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.186	2001591	18.697 ug/ml
20) T Dibenz[a,h]anthracene...	18.223	2078622	19.496 ug/ml
21) T Benzo[g,h,i]perylene ...	18.440	2058363	19.505 ug/ml

(f)=RT Delta > 1/2 Window

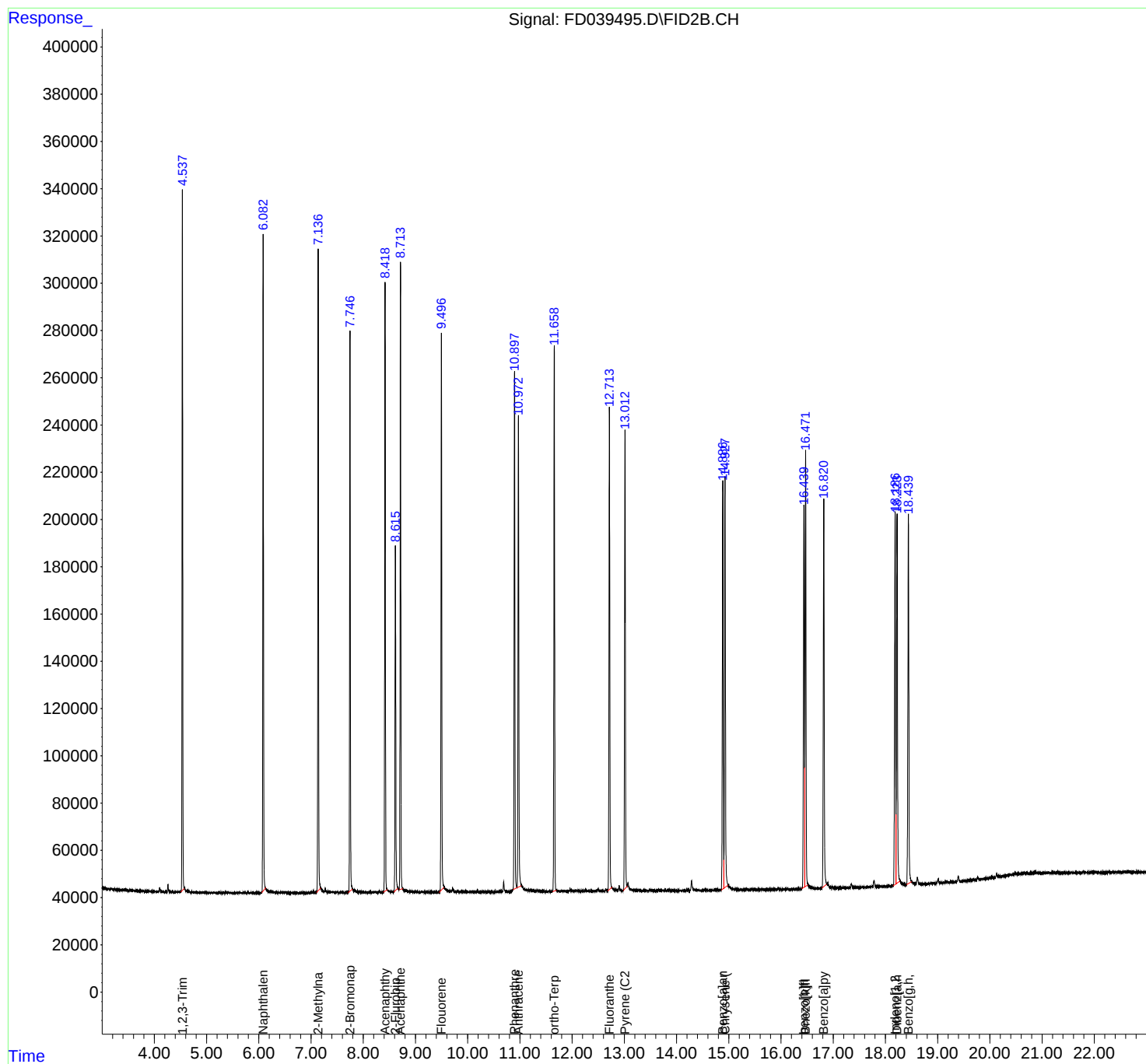
(m)=manual int.

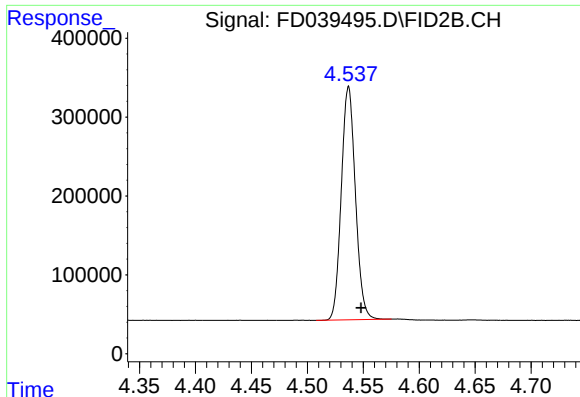
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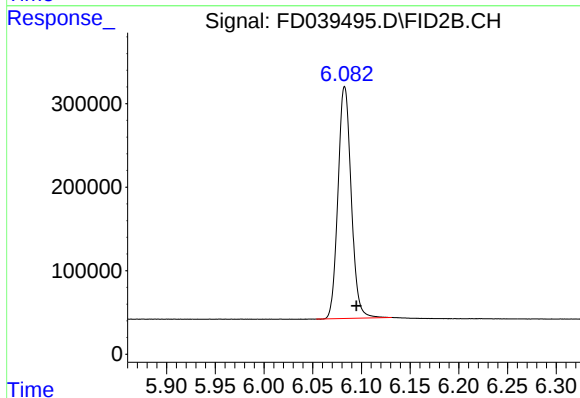




#1 1,2,3-Trimethylbenzene (C10.1)

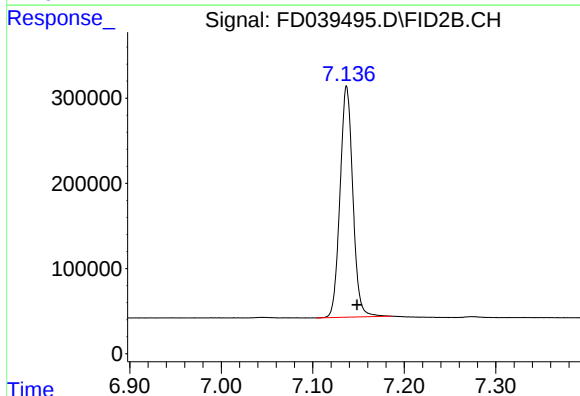
R.T.: 4.537 min
Delta R.T.: -0.011 min
Response: 2597277
Conc: 21.10 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



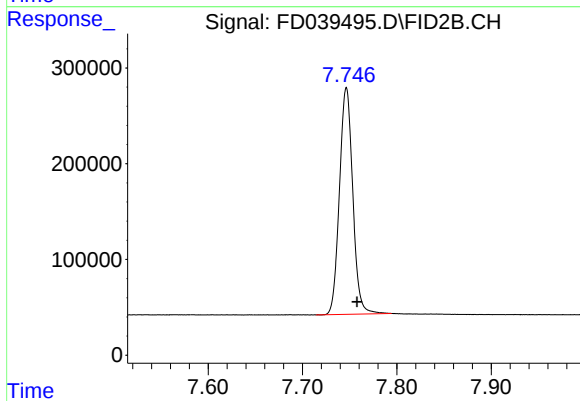
#2 Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.012 min
Response: 2625273
Conc: 20.26 ug/ml



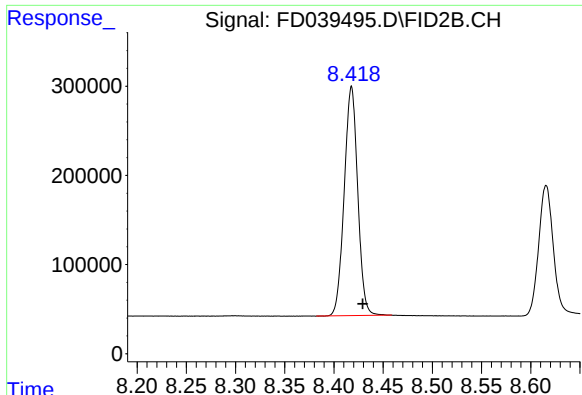
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.011 min
Response: 2636760
Conc: 19.85 ug/ml



#4 2-Bromonaphthalene (SURR)

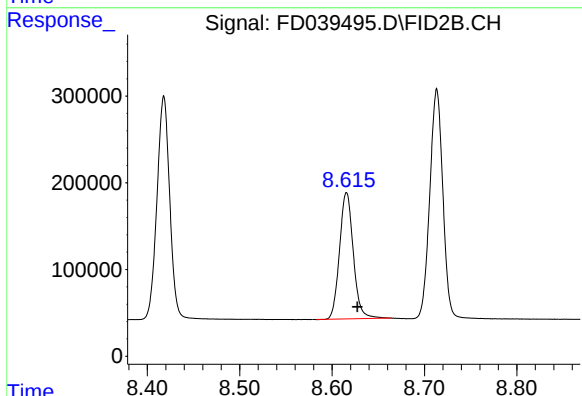
R.T.: 7.747 min
Delta R.T.: -0.011 min
Response: 2317436
Conc: 19.97 ug/ml



#5 Acenaphthylene (C15.06)

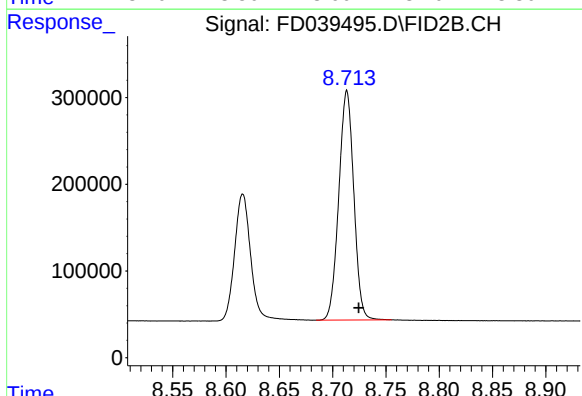
R.T.: 8.418 min
Delta R.T.: -0.011 min
Response: 2454001
Conc: 19.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



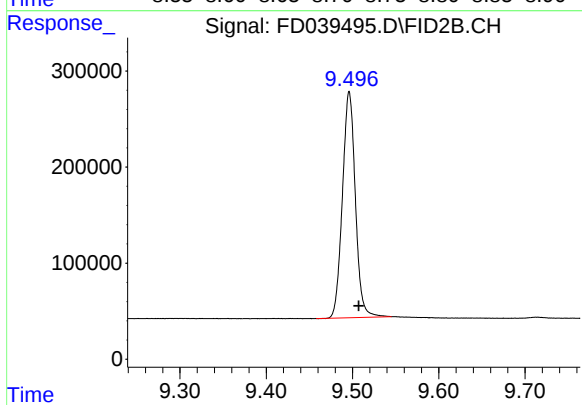
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.616 min
Delta R.T.: -0.012 min
Response: 1510371
Conc: 18.84 ug/ml



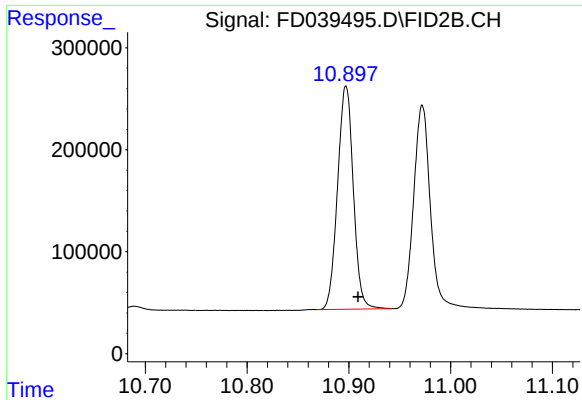
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: -0.011 min
Response: 2593777
Conc: 19.88 ug/ml



#8 Fluorene (C16.55)

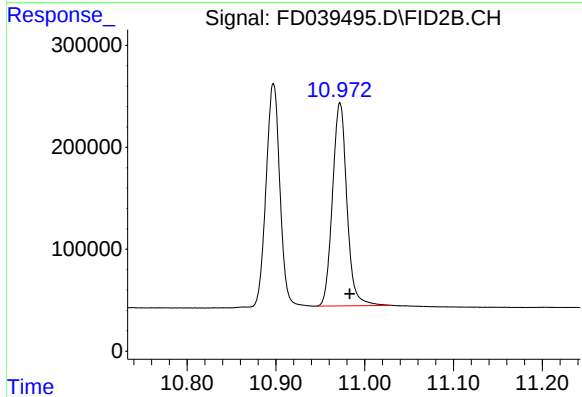
R.T.: 9.496 min
Delta R.T.: -0.011 min
Response: 2450864
Conc: 18.93 ug/ml



#9 Phenanthrene (C19.36)

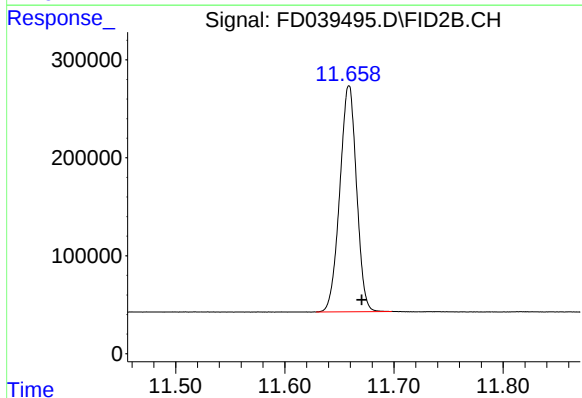
R.T.: 10.897 min
Delta R.T.: -0.012 min
Response: 2356780
Conc: 18.25 ug/ml

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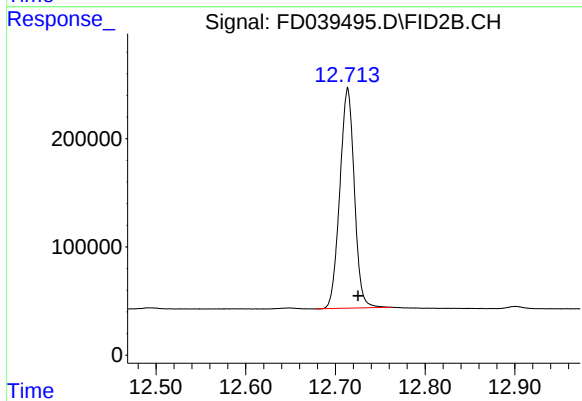
#10 Anthracene (C19.43)

R.T.: 10.972 min
Delta R.T.: -0.011 min
Response: 2246133
Conc: 17.56 ug/ml



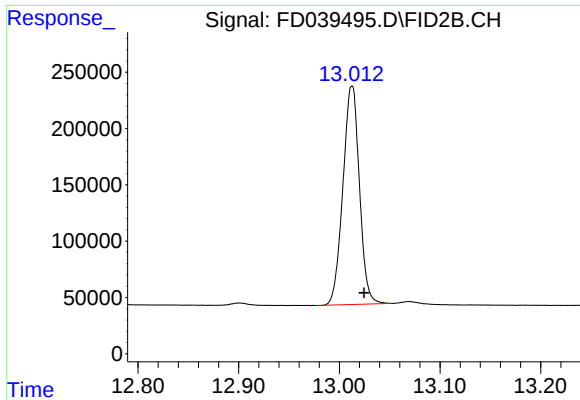
#11 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: -0.012 min
Response: 2461887
Conc: 19.30 ug/ml



#12 Fluoranthene (C21.85)

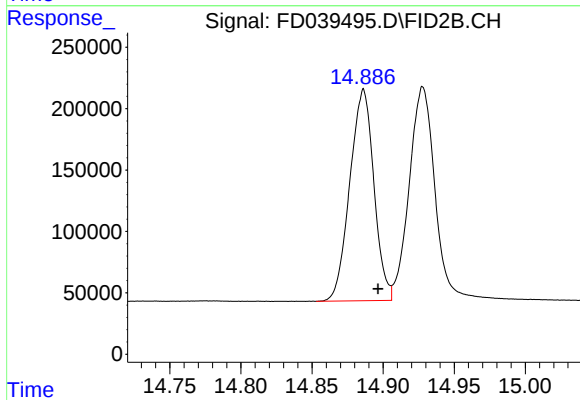
R.T.: 12.714 min
Delta R.T.: -0.012 min
Response: 2286093
Conc: 17.55 ug/ml



#13 Pyrene (C20.8)

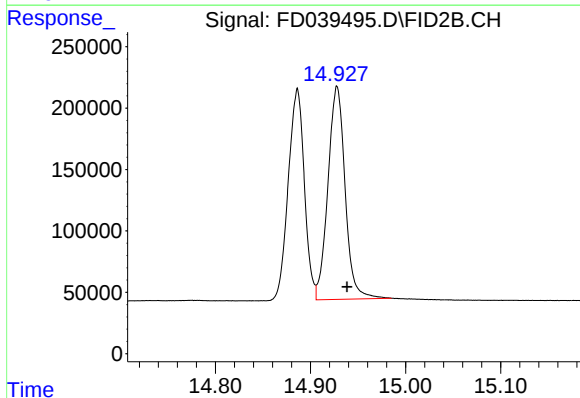
R.T.: 13.013 min
Delta R.T.: -0.012 min
Response: 2211682
Conc: 17.49 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



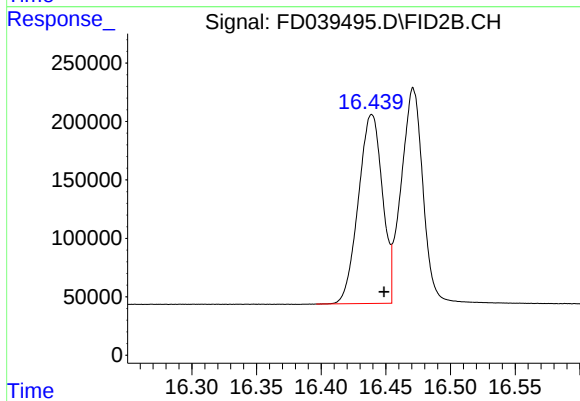
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.886 min
Delta R.T.: -0.010 min
Response: 2024180
Conc: 17.11 ug/ml



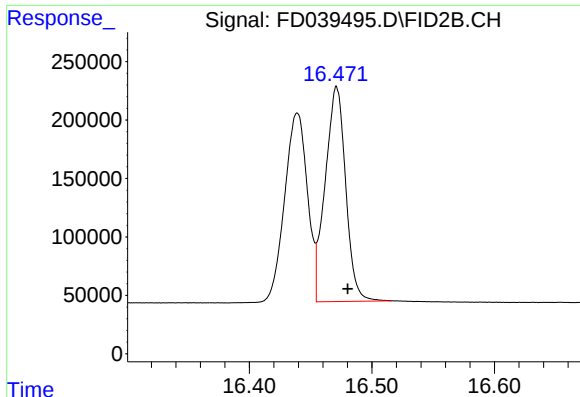
#15 Chrysene (C27.41)

R.T.: 14.928 min
Delta R.T.: -0.010 min
Response: 2176716
Conc: 17.31 ug/ml



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

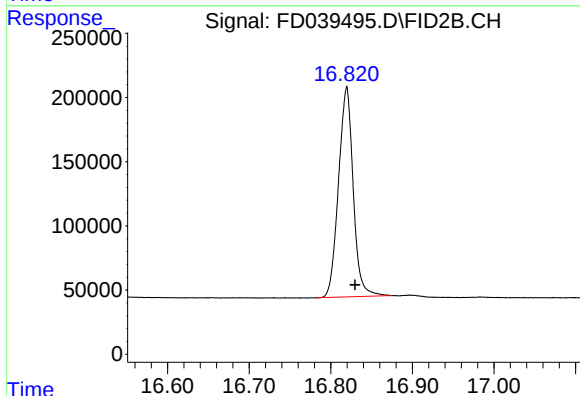
R.T.: 16.439 min
Delta R.T.: -0.009 min
Response: 2090369
Conc: 17.82 ug/ml



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

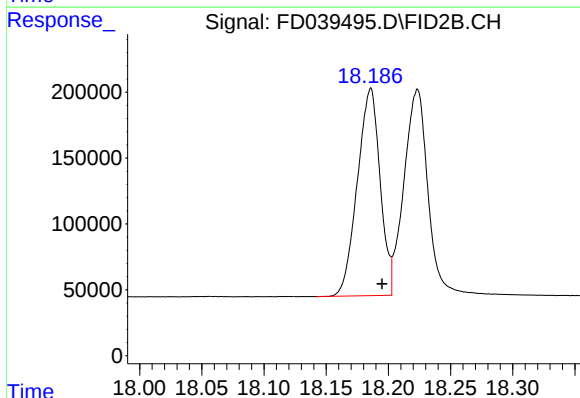
R.T.: 16.471 min
Delta R.T.: -0.009 min
Response: 2141497
Conc: 18.20 ug/ml

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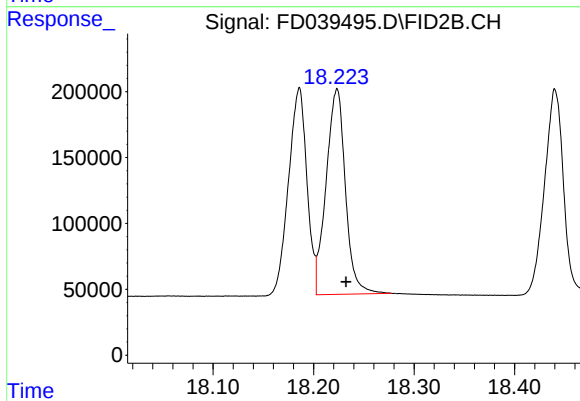
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.820 min
Delta R.T.: -0.010 min
Response: 2048735
Conc: 18.00 ug/ml



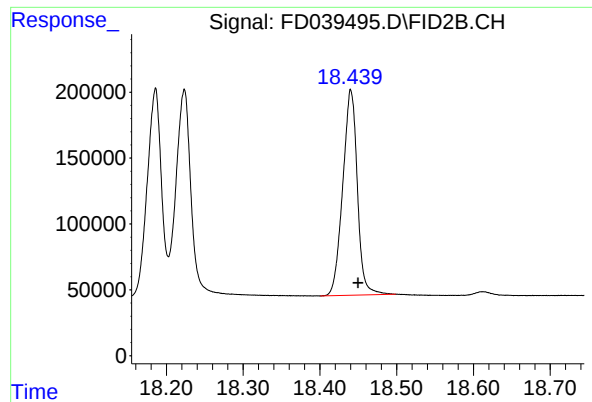
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.186 min
Delta R.T.: -0.009 min
Response: 2001591
Conc: 18.70 ug/ml



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

R.T.: 18.223 min
Delta R.T.: -0.009 min
Response: 2078622
Conc: 19.50 ug/ml



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

R.T.: 18.440 min
Delta R.T.: -0.009 min
Response: 2058363
Conc: 19.50 ug/ml

Instrument :

FID_D

ClientSampleId :

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