

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042624AR\
 Data File : FD047604.D
 Signal(s) : FID2B.ch
 Acq On : 27 Apr 2024 02:54
 Operator : YP/AJ
 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: Apr 27 03:37:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.460	3027395	20.250 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
6) S 2-Fluorobiphenyl (SURR)	8.313	1965103	20.112 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.22%
11) S ortho-Terphenyl (SURR)	11.351	3441800	20.078 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3303657	20.907 ug/ml
2) T Naphthalene (C11.7)	5.800	3375600	20.628 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3336214	20.283 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3015455	19.978 ug/ml
7) T Acenaphthene (C15.5)	8.411	3240660	20.234 ug/ml
8) T Fluorene (C16.55)	9.189	3080908	19.915 ug/ml
9) T Phenanthrene (C19.36)	10.579	3008150	20.219 ug/ml
10) T Anthracene (C19.43)	10.653	2617487	19.245 ug/ml
12) T Fluoranthene (C21.85)	12.383	2965788	20.062 ug/ml
13) T Pyrene (C20.8)	12.677	2884129	19.984 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2652975	20.173 ug/ml
15) T Chrysene (C27.41)	14.586	2794607	19.818 ug/ml
16) T benzo[b]fluoranthene ...	16.090	2839822	20.355 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	2912630	20.941 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	2793405	20.345 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2484863	18.421 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2857096	21.258 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	2702811	19.474 ug/ml

(f)=RT Delta > 1/2 Window

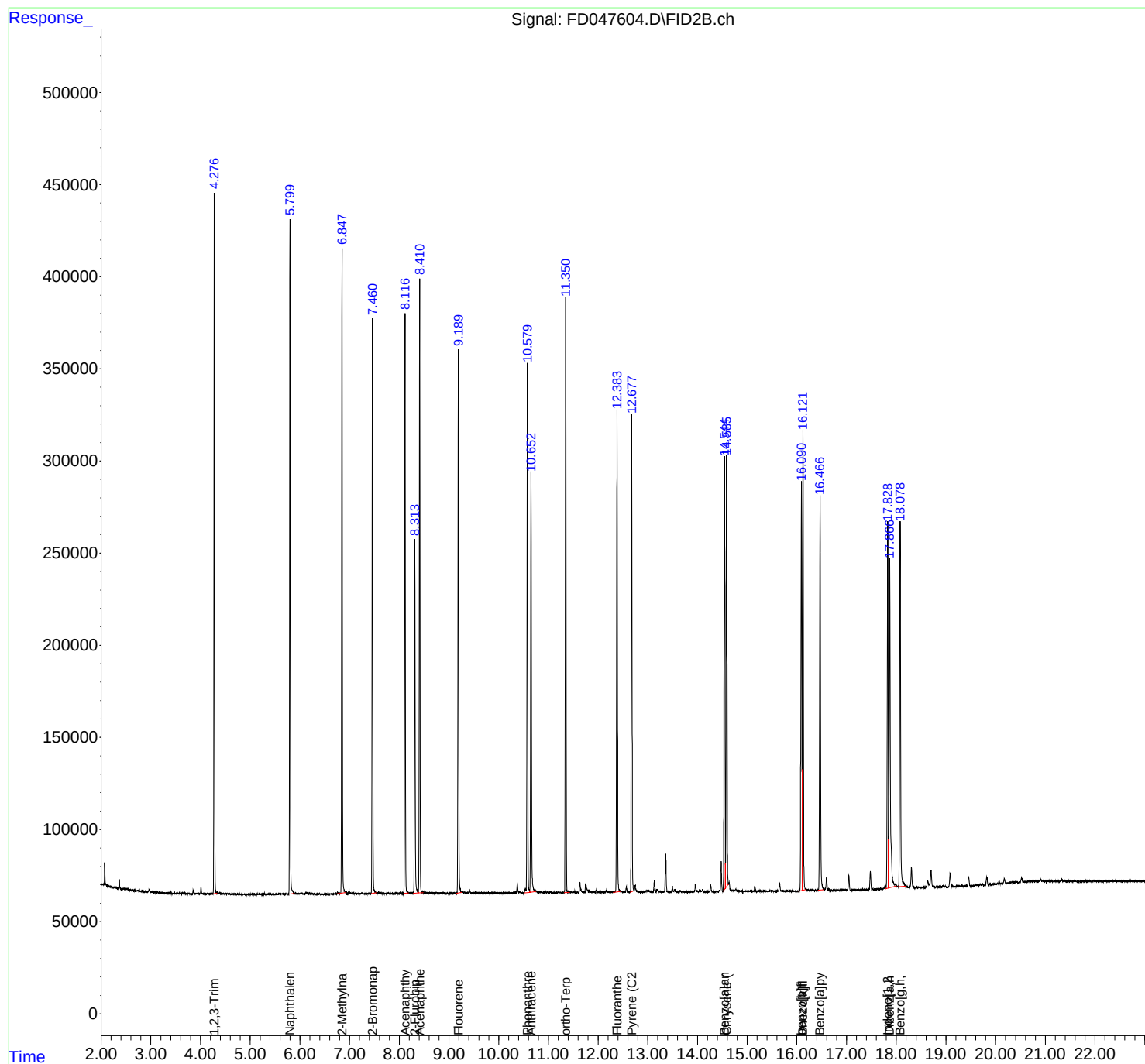
(m)=manual int.

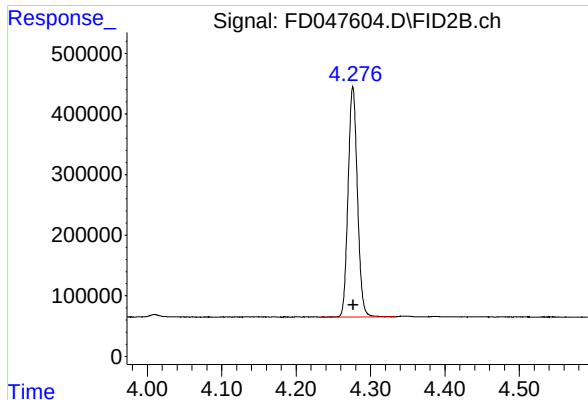
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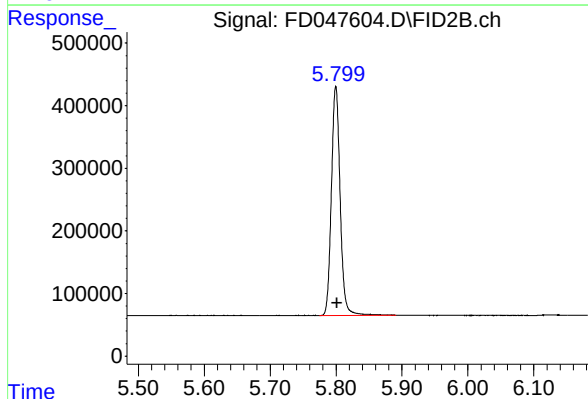




#1 1,2,3-Trimethylbenzene (C10.1)

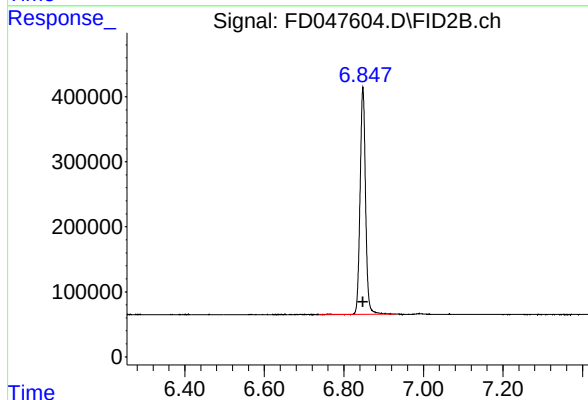
R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 3303657
Conc: 20.91 ug/ml

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20 PPM AROMATIC HC STD



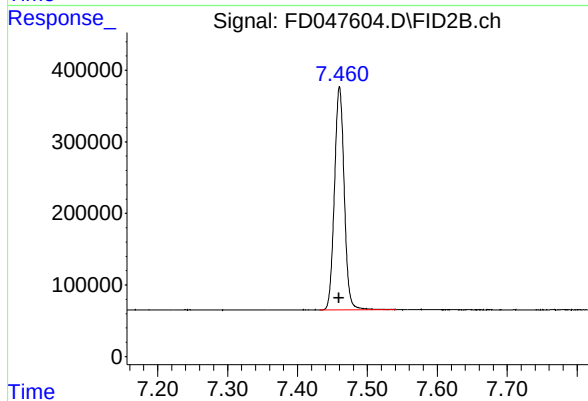
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 3375600
Conc: 20.63 ug/ml



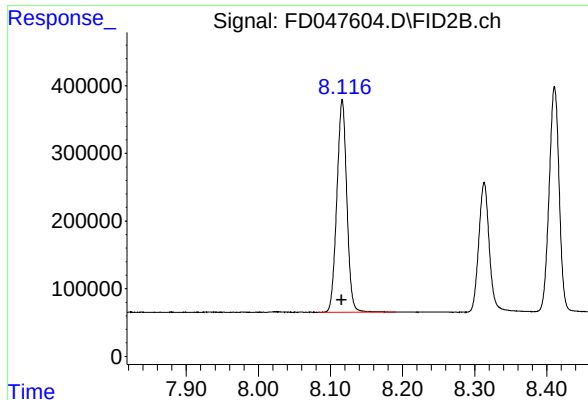
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3336214
Conc: 20.28 ug/ml



#4 2-Bromonaphthalene (SURR)

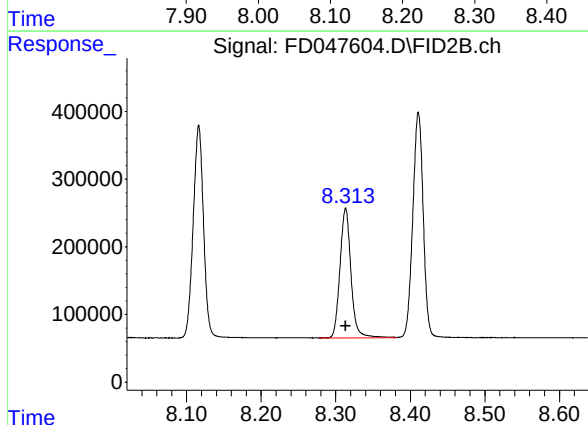
R.T.: 7.460 min
Delta R.T.: 0.001 min
Response: 3027395
Conc: 20.25 ug/ml



#5 Acenaphthylene (C15.06)

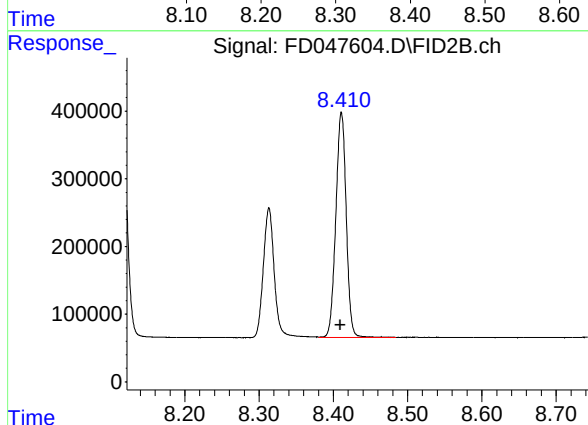
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3015455
Conc: 19.98 ug/ml

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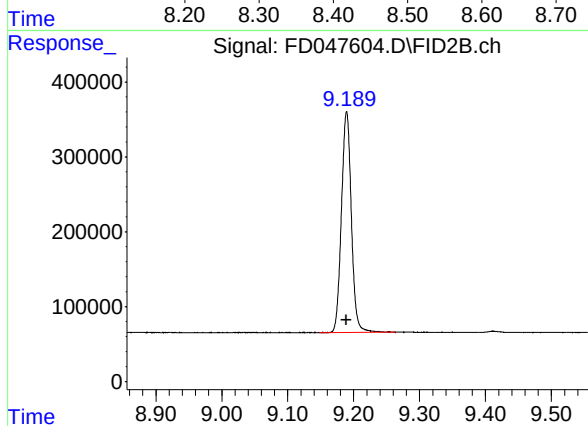
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 1965103
Conc: 20.11 ug/ml



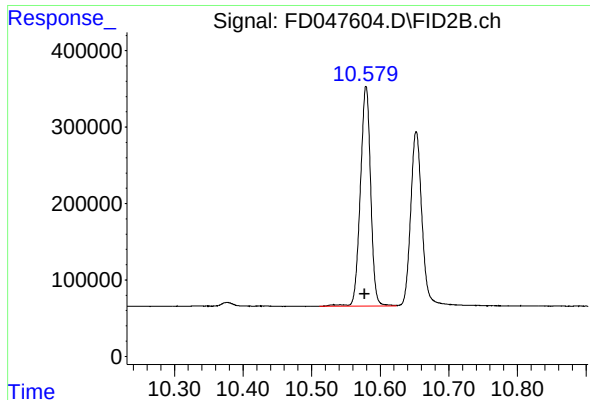
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 3240660
Conc: 20.23 ug/ml



#8 Flouorene (C16.55)

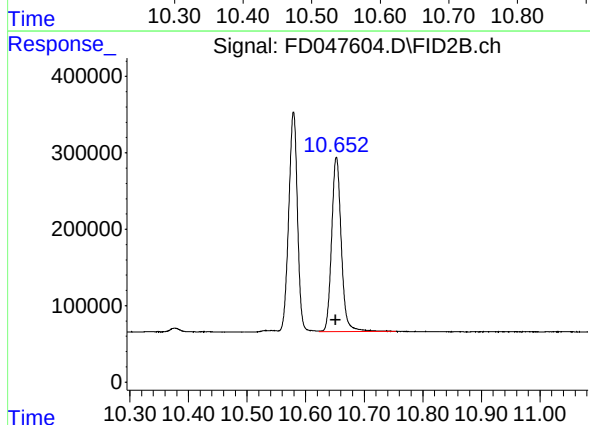
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3080908
Conc: 19.92 ug/ml



#9 Phenanthrene (C19.36)

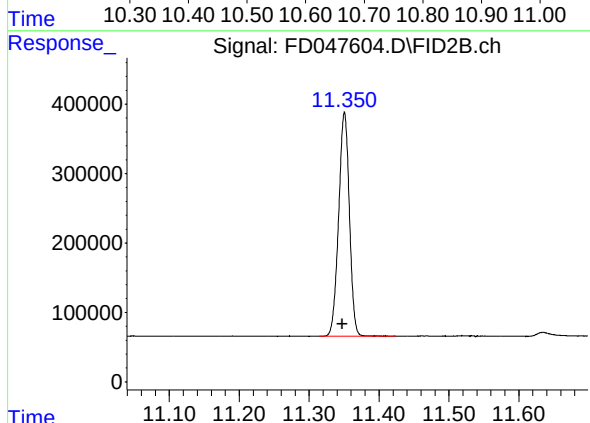
R.T.: 10.579 min
Delta R.T.: 0.002 min
Response: 3008150
Conc: 20.22 ug/ml

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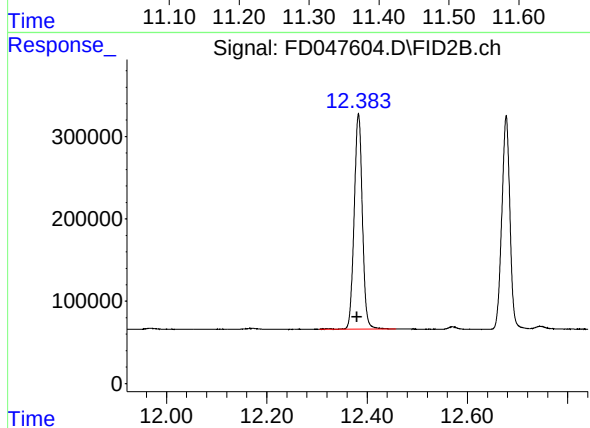
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.001 min
Response: 2617487
Conc: 19.25 ug/ml



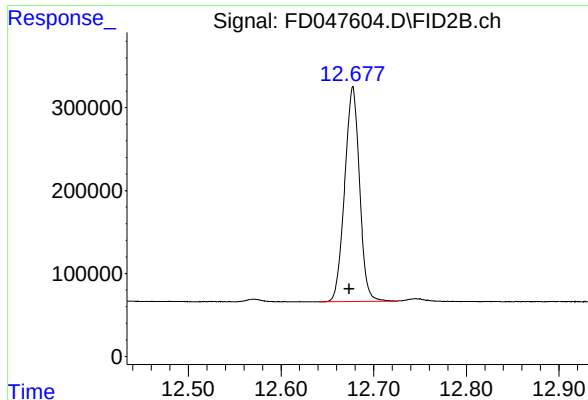
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.003 min
Response: 3441800
Conc: 20.08 ug/ml



#12 Fluoranthene (C21.85)

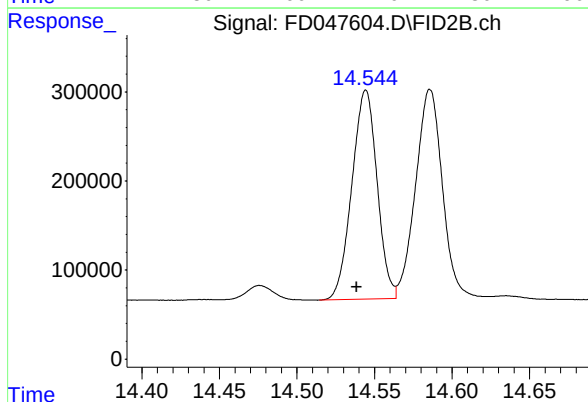
R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 2965788
Conc: 20.06 ug/ml



#13 Pyrene (C20.8)

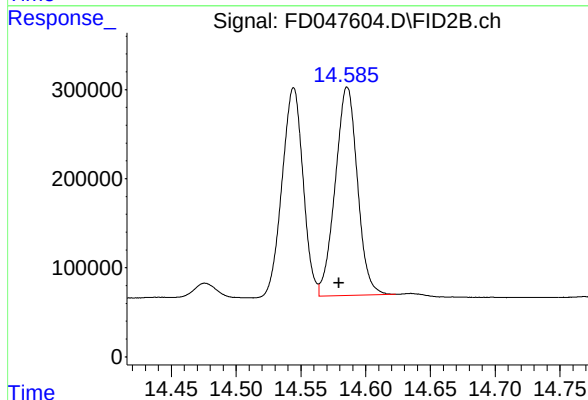
R.T.: 12.677 min
Delta R.T.: 0.004 min
Response: 2884129
Conc: 19.98 ug/ml

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20 PPM AROMATIC HC STD



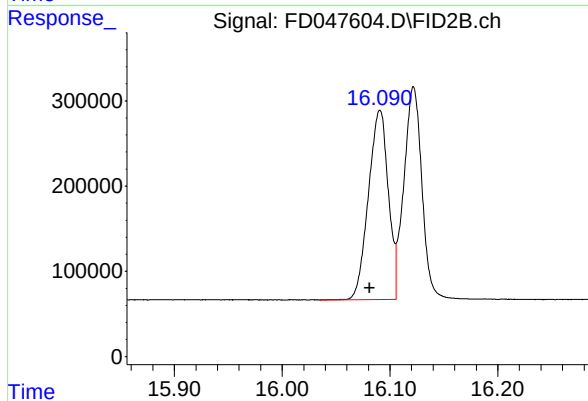
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.006 min
Response: 2652975
Conc: 20.17 ug/ml



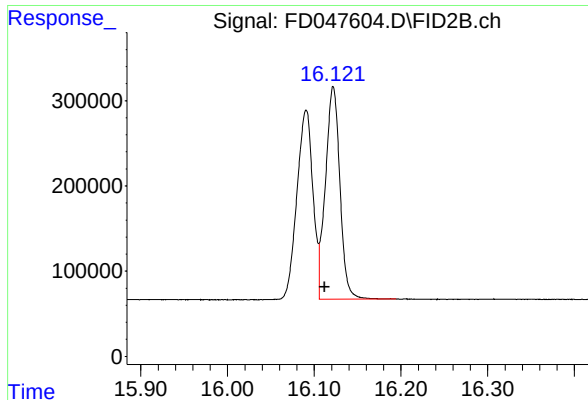
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.006 min
Response: 2794607
Conc: 19.82 ug/ml



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

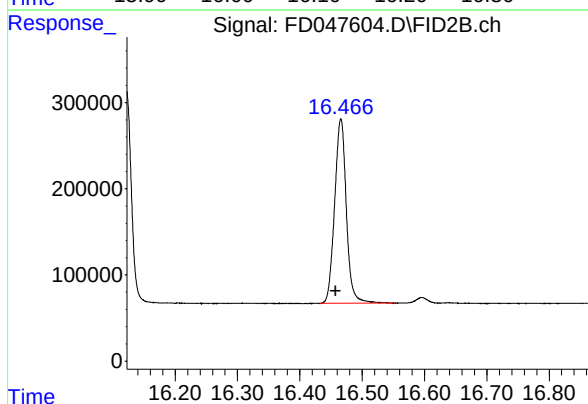
R.T.: 16.090 min
Delta R.T.: 0.009 min
Response: 2839822
Conc: 20.36 ug/ml



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

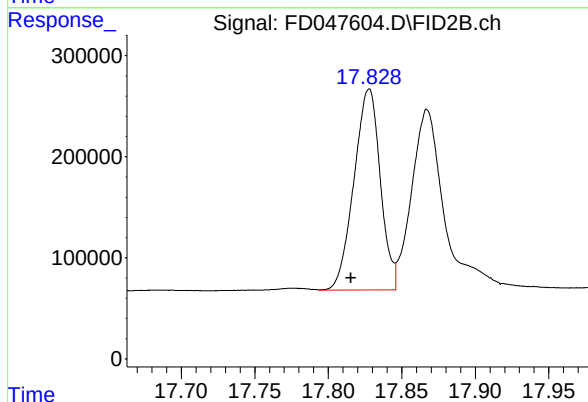
R.T.: 16.122 min
Delta R.T.: 0.010 min
Response: 2912630
Conc: 20.94 ug/ml

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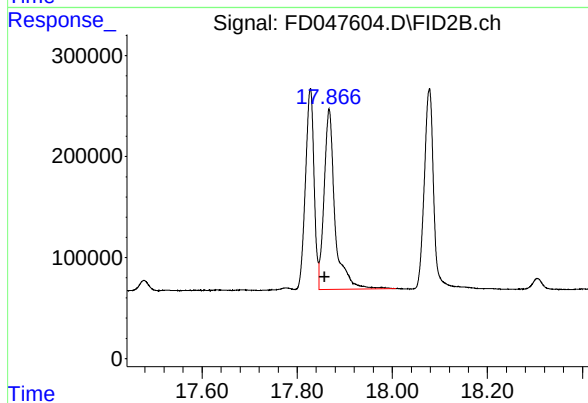
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.008 min
Response: 2793405
Conc: 20.34 ug/ml



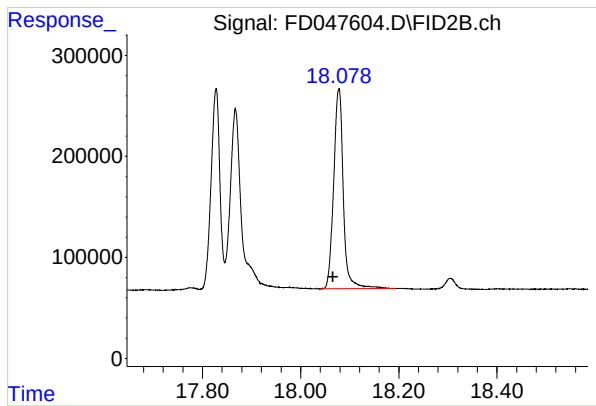
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.012 min
Response: 2484863
Conc: 18.42 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.010 min
Response: 2857096
Conc: 21.26 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.012 min
Response: 2702811
Conc: 19.47 ug/ml

Instrument :

FID_D

ClientSampleId :

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