

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121222AR\
 Data File : FD044632.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2022 14:56
 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: Dec 12 15:32:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.679	2711021	20.889 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
6) S 2-Fluorobiphenyl (SURR)	8.536	1824214	20.655 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.31%
11) S ortho-Terphenyl (SURR)	11.562	3392808	20.847 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	3035614	21.272 ug/ml
2) T Naphthalene (C11.7)	6.029	3177630	21.134 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	3167988	20.968 ug/ml
5) T Acenaphthylene (C15.06)	8.341	2883927	20.745 ug/ml
7) T Acenaphthene (C15.5)	8.635	3060818	20.857 ug/ml
8) T Fluorene (C16.55)	9.410	2995143	20.773 ug/ml
9) T Phenanthrene (C19.36)	10.798	2916642	20.453 ug/ml
10) T Anthracene (C19.43)	10.872	2825585	20.338 ug/ml
12) T Fluoranthene (C21.85)	12.598	2933303	20.576 ug/ml
13) T Pyrene (C20.8)	12.893	2874675	20.656 ug/ml
14) T Benzo[a]anthracene (C...	14.753	2645244	20.444 ug/ml
15) T Chrysene (C27.41)	14.795	2749522	20.395 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2711873	20.604 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	2669908	20.503 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	2638286	20.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	2457969	19.286 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	2369802	18.834 ug/ml
21) T Benzo[g,h,i]perylene ...	18.274	2562184	19.921 ug/ml

(f)=RT Delta > 1/2 Window

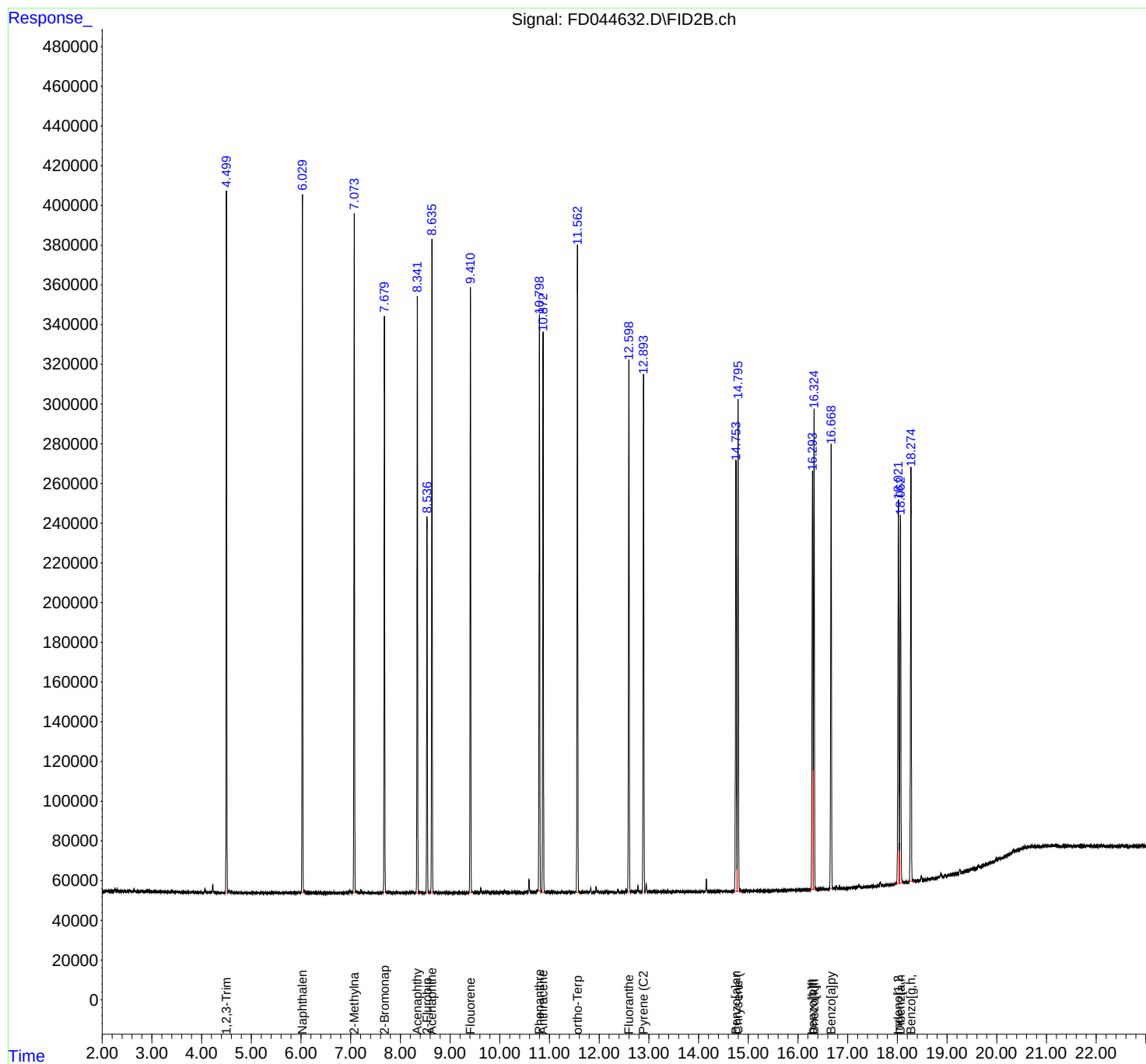
(m)=manual int.

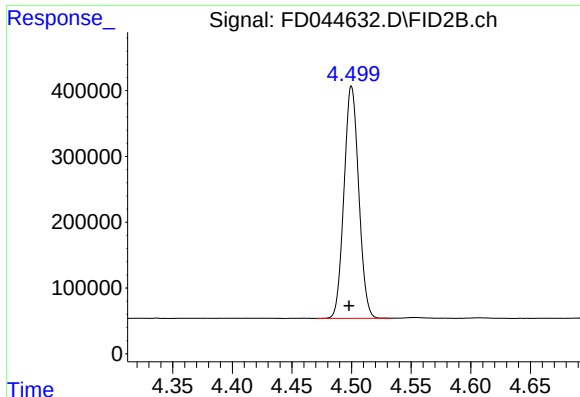
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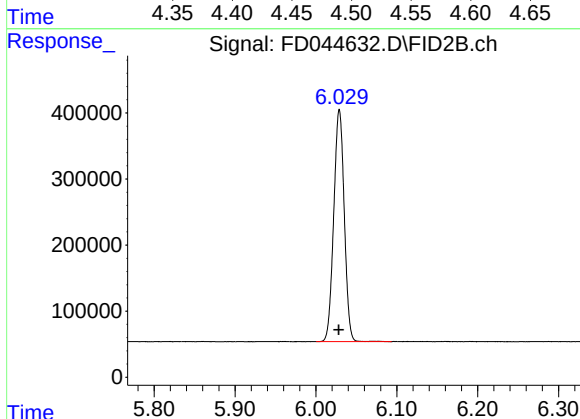




#1 1,2,3-Trimethylbenzene (C10.1)

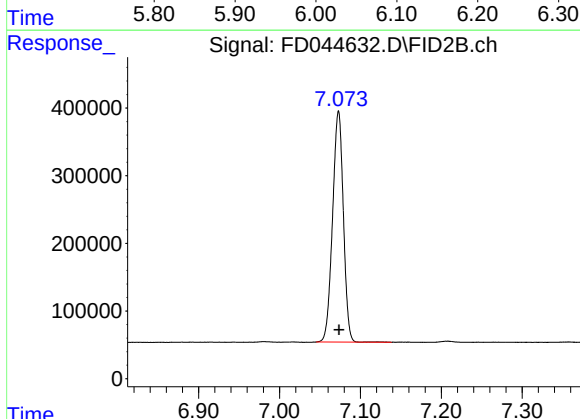
R.T.: 4.500 min
Delta R.T.: 0.002 min
Response: 3035614
Conc: 21.27 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



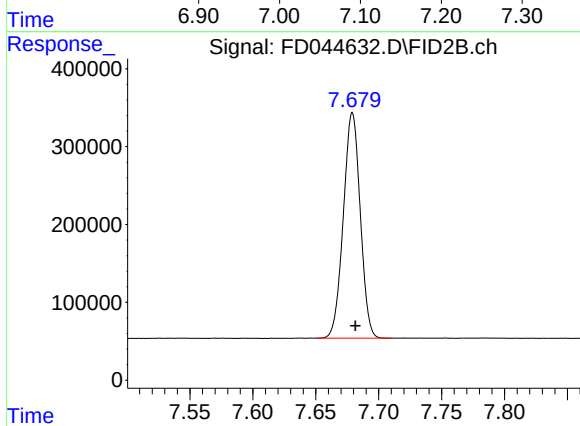
#2 Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 3177630
Conc: 21.13 ug/ml



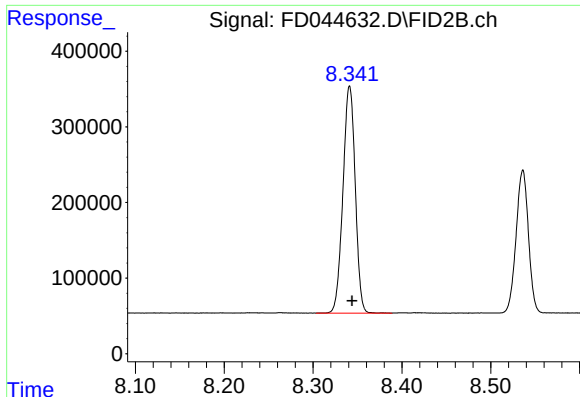
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 3167988
Conc: 20.97 ug/ml



#4 2-Bromonaphthalene (SURR)

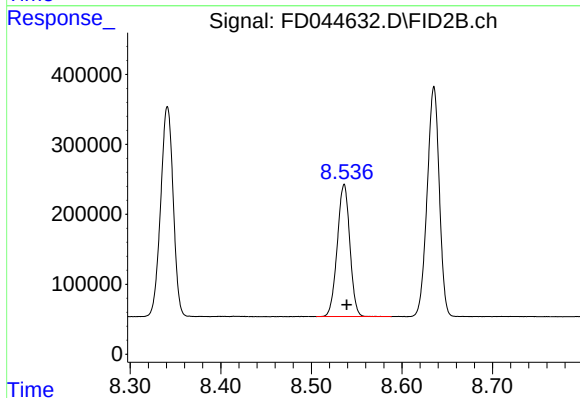
R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 2711021
Conc: 20.89 ug/ml



#5 Acenaphthylene (C15.06)

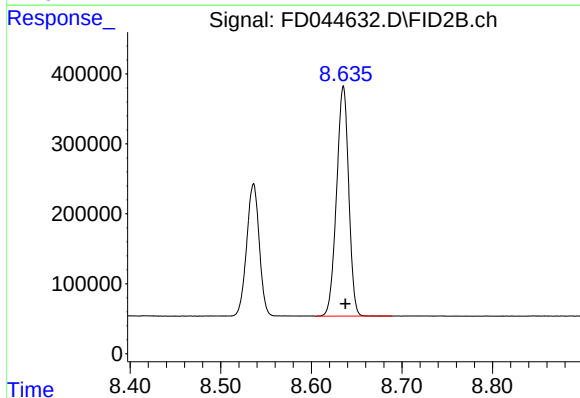
R.T.: 8.341 min
Delta R.T.: -0.003 min
Response: 2883927
Conc: 20.75 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



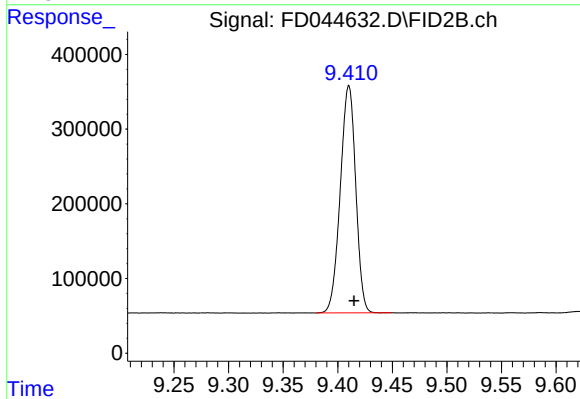
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 1824214
Conc: 20.66 ug/ml



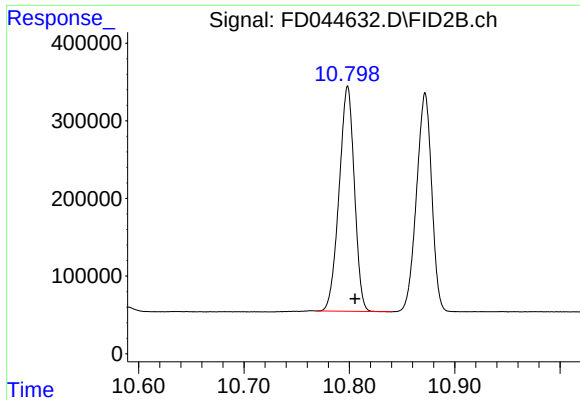
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 3060818
Conc: 20.86 ug/ml



#8 Flouorene (C16.55)

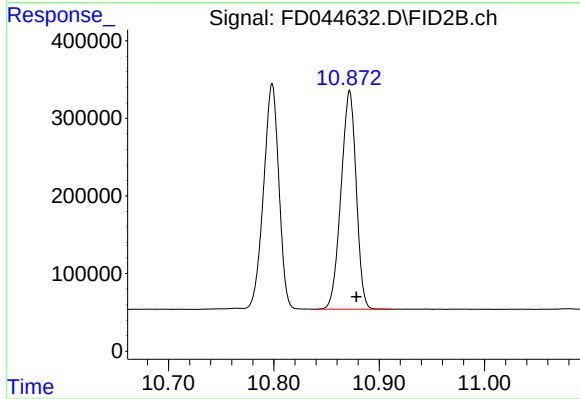
R.T.: 9.410 min
Delta R.T.: -0.005 min
Response: 2995143
Conc: 20.77 ug/ml



#9 Phenanthrene (C19.36)

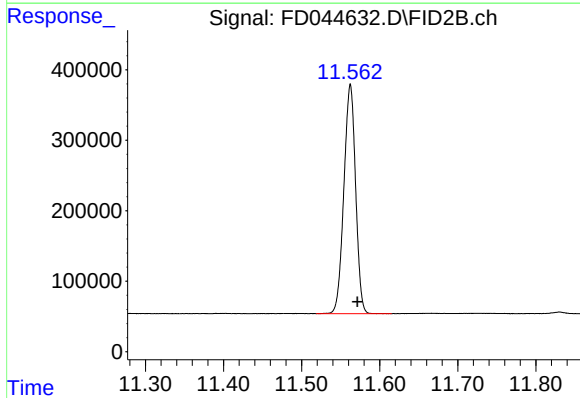
R.T.: 10.798 min
Delta R.T.: -0.007 min
Response: 2916642
Conc: 20.45 ug/ml

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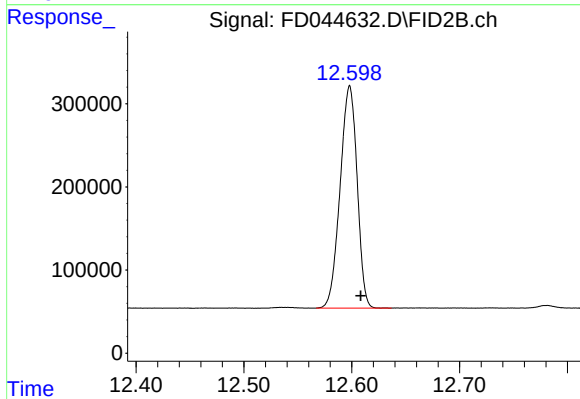
#10 Anthracene (C19.43)

R.T.: 10.872 min
Delta R.T.: -0.007 min
Response: 2825585
Conc: 20.34 ug/ml



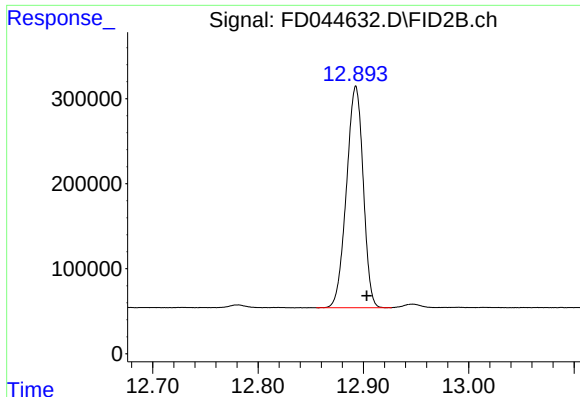
#11 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.009 min
Response: 3392808
Conc: 20.85 ug/ml



#12 Fluoranthene (C21.85)

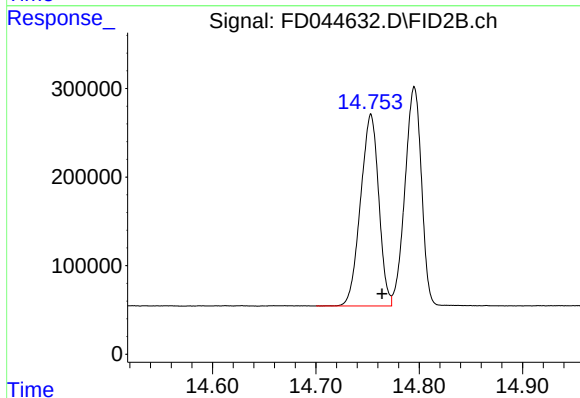
R.T.: 12.598 min
Delta R.T.: -0.010 min
Response: 2933303
Conc: 20.58 ug/ml



#13 Pyrene (C20.8)

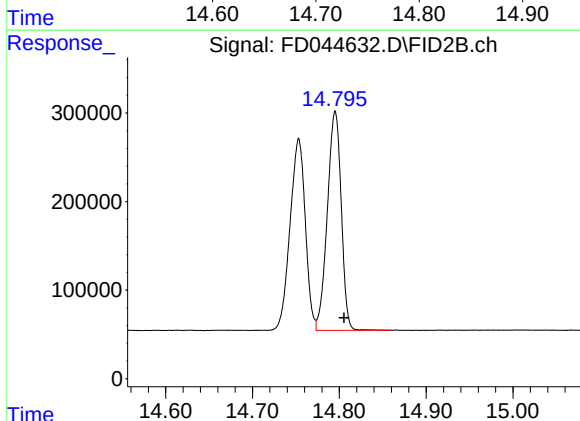
R.T.: 12.893 min
Delta R.T.: -0.011 min
Response: 2874675
Conc: 20.66 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



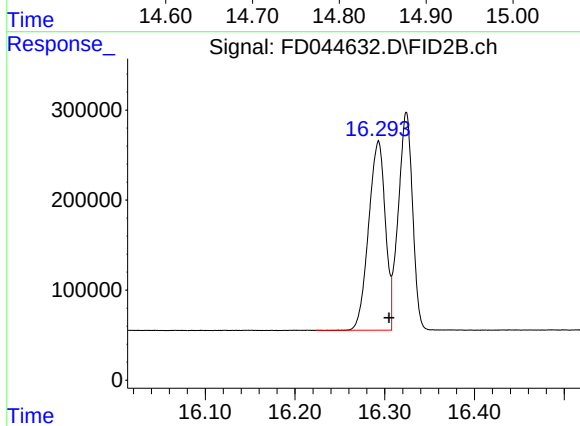
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.011 min
Response: 2645244
Conc: 20.44 ug/ml



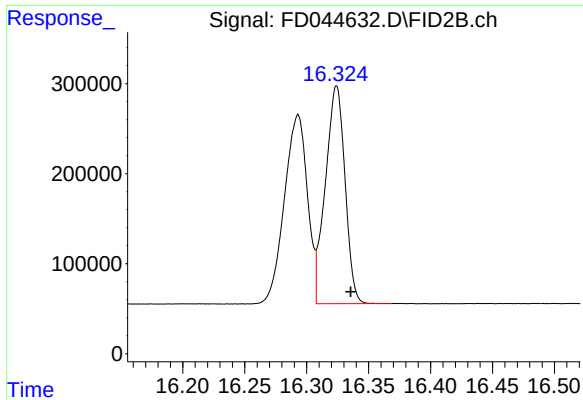
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.010 min
Response: 2749522
Conc: 20.39 ug/ml



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

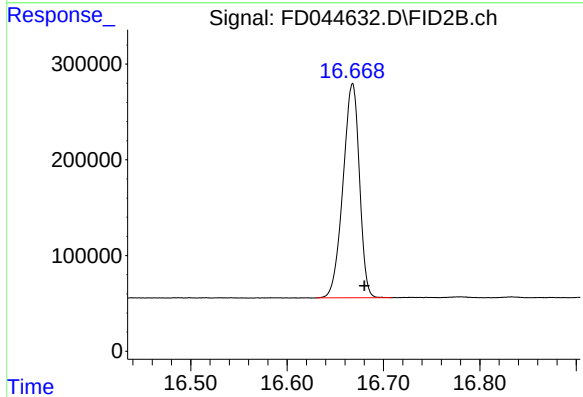
R.T.: 16.293 min
Delta R.T.: -0.012 min
Response: 2711873
Conc: 20.60 ug/ml



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

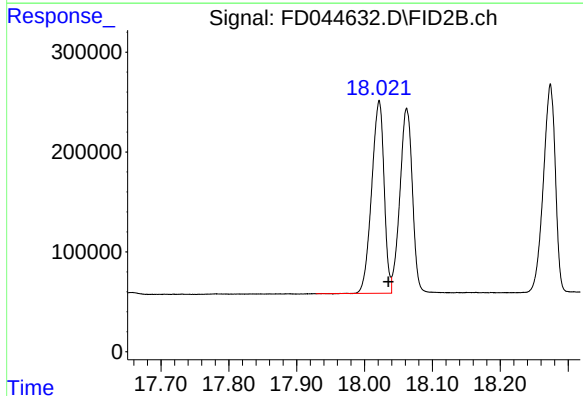
R.T.: 16.324 min
Delta R.T.: -0.012 min
Response: 2669908
Conc: 20.50 ug/ml

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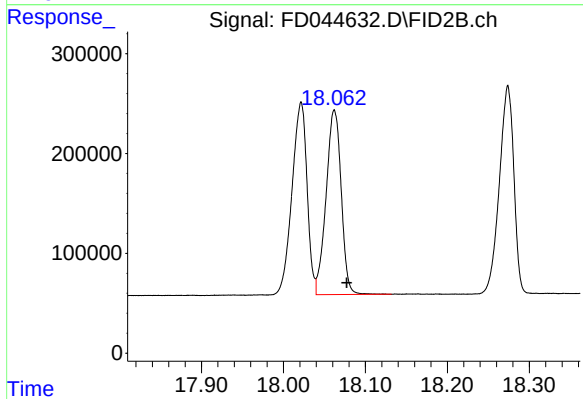
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.012 min
Response: 2638286
Conc: 20.41 ug/ml



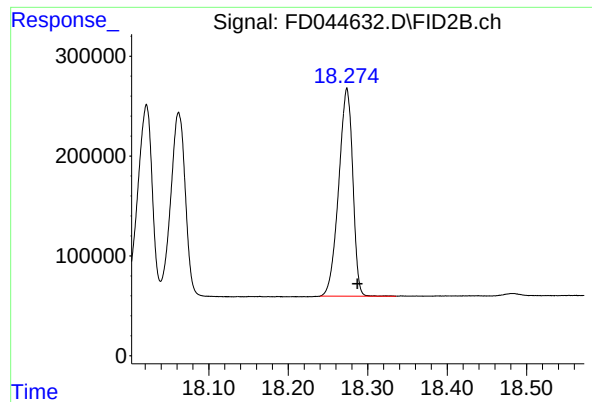
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.014 min
Response: 2457969
Conc: 19.29 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.015 min
Response: 2369802
Conc: 18.83 ug/ml



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

R.T.: 18.274 min
Delta R.T.: -0.013 min
Response: 2562184
Conc: 19.92 ug/ml

Instrument :

FID_D

ClientSampleId :

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