

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110223AR\
 Data File : FD046829.D
 Signal(s) : FID2B.ch
 Acq On : 02 Nov 2023 12:55
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 02 23:05:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.483	3568042	19.564 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
6) S 2-Fluorobiphenyl (SURR)	8.336	2298651	19.533 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	11.372	4191733	19.795 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	3718988	19.257 ug/ml
2) T Naphthalene (C11.7)	5.822	3872407	19.338 ug/ml
3) T 2-Methylnaphthalene (...)	6.871	3918344	19.496 ug/ml
5) T Acenaphthylene (C15.06)	8.140	3583578	19.484 ug/ml
7) T Acenaphthene (C15.5)	8.435	3841060	19.609 ug/ml
8) T Flouorene (C16.55)	9.213	3663228	19.805 ug/ml
9) T Phenanthrene (C19.36)	10.601	3510562	19.733 ug/ml
10) T Anthracene (C19.43)	10.675	3151535	18.493 ug/ml
12) T Fluoranthene (C21.85)	12.403	3413169	19.762 ug/ml
13) T Pyrene (C20.8)	12.697	3324308	19.993 ug/ml
14) T Benzo[a]anthracene (C...	14.559	2743378	19.499 ug/ml
15) T Chrysene (C27.41)	14.602	3017902	19.351 ug/ml
16) T benzo[b]fluoranthene ...	16.101	2771211	19.362 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	2807933	19.179 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	2682494	19.138 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	2372647	18.782 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	2513347	17.991 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	2603901	18.649 ug/ml

(f)=RT Delta > 1/2 Window

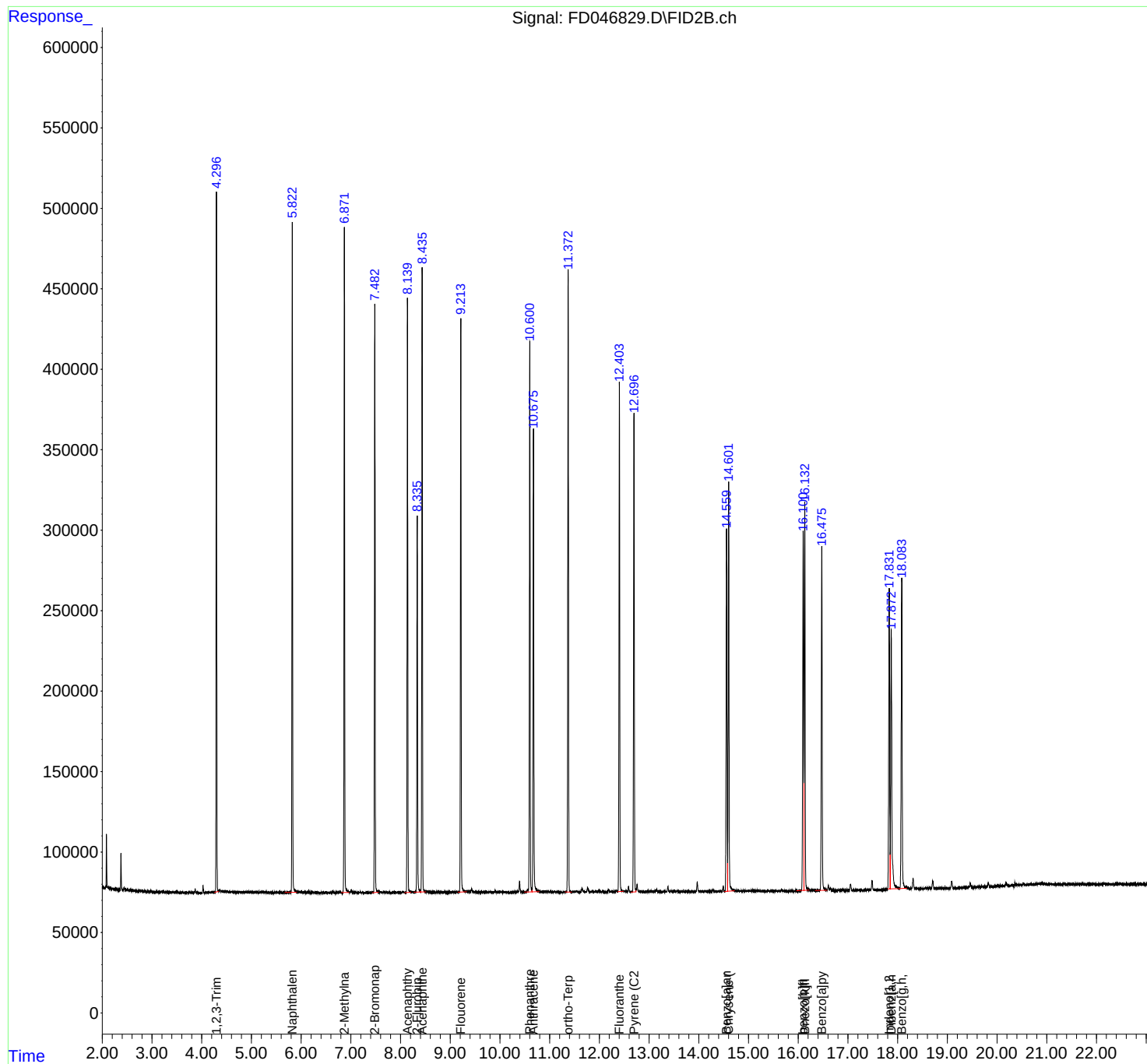
(m)=manual int.

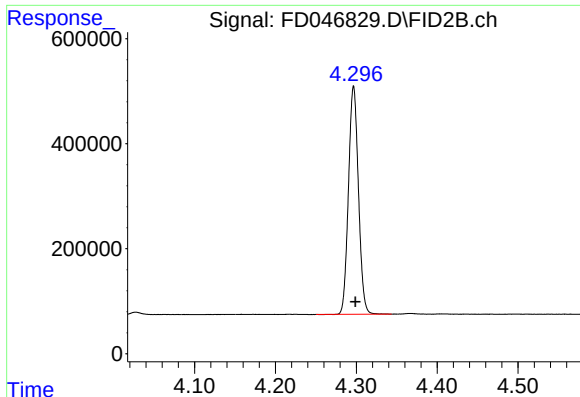
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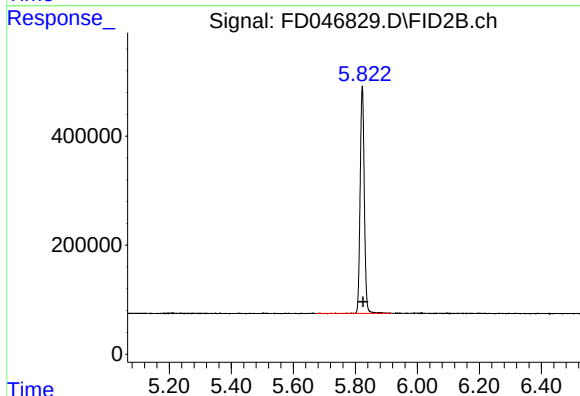




#1 1,2,3-Trimethylbenzene (C10.1)

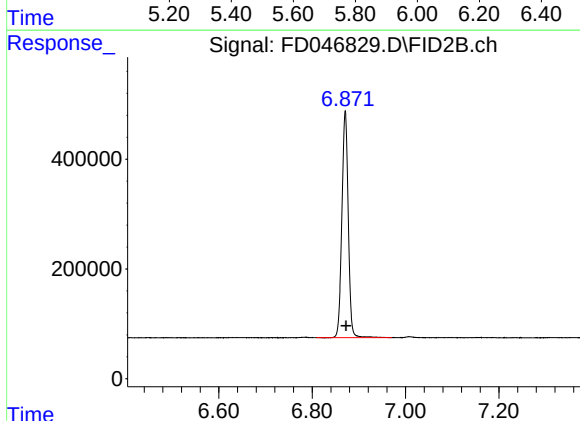
R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 3718988
Conc: 19.26 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



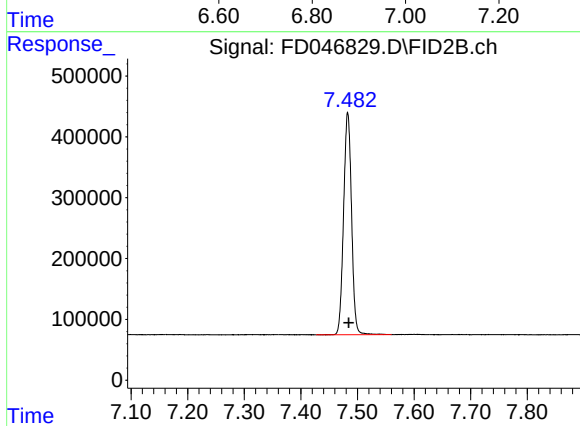
#2 Naphthalene (C11.7)

R.T.: 5.822 min
Delta R.T.: -0.002 min
Response: 3872407
Conc: 19.34 ug/ml



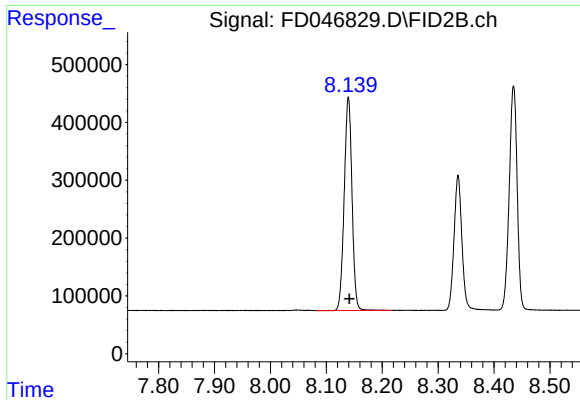
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 3918344
Conc: 19.50 ug/ml



#4 2-Bromonaphthalene (SURR)

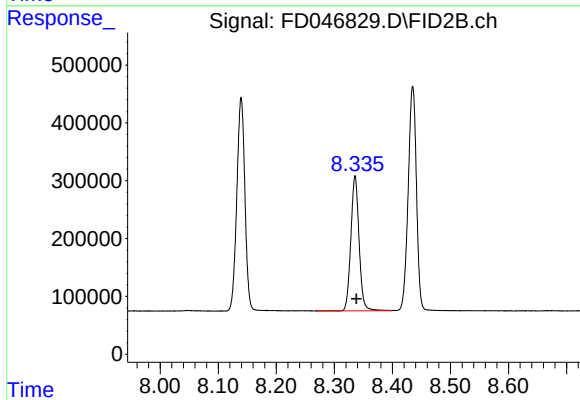
R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 3568042
Conc: 19.56 ug/ml



#5 Acenaphthylene (C15.06)

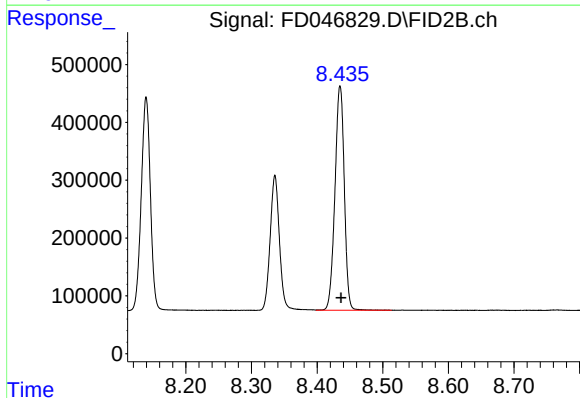
R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 3583578
Conc: 19.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



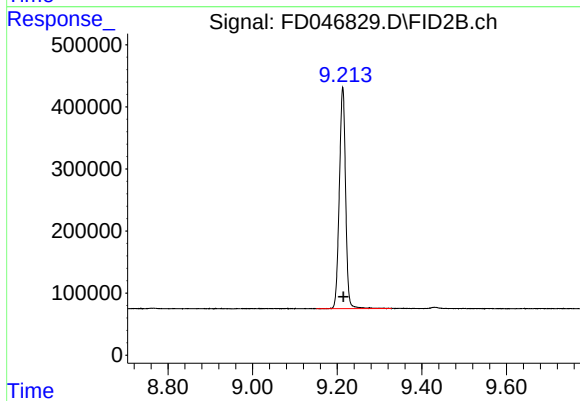
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 2298651
Conc: 19.53 ug/ml



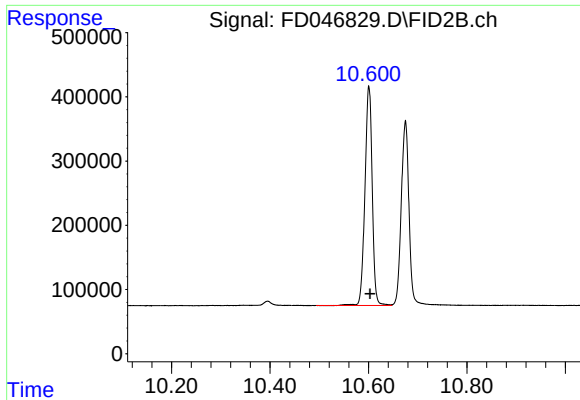
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 3841060
Conc: 19.61 ug/ml



#8 Fluorene (C16.55)

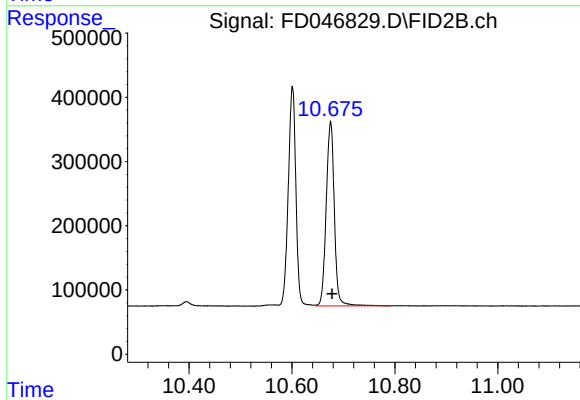
R.T.: 9.213 min
Delta R.T.: -0.002 min
Response: 3663228
Conc: 19.80 ug/ml



#9 Phenanthrene (C19.36)

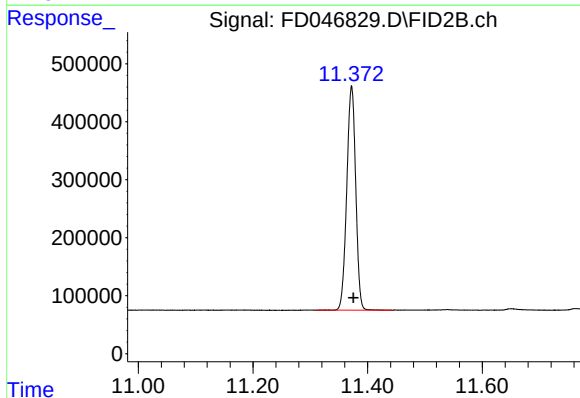
R.T.: 10.601 min
Delta R.T.: -0.003 min
Response: 3510562
Conc: 19.73 ug/ml

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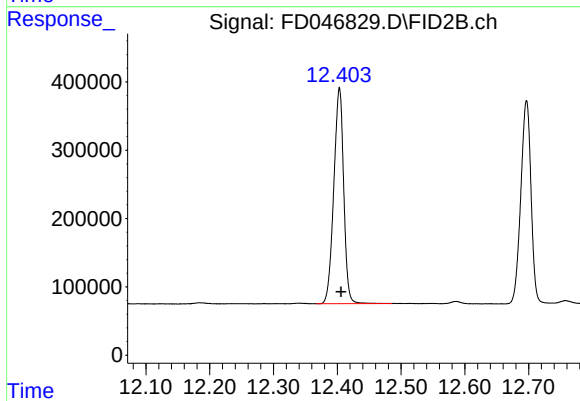
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 3151535
Conc: 18.49 ug/ml



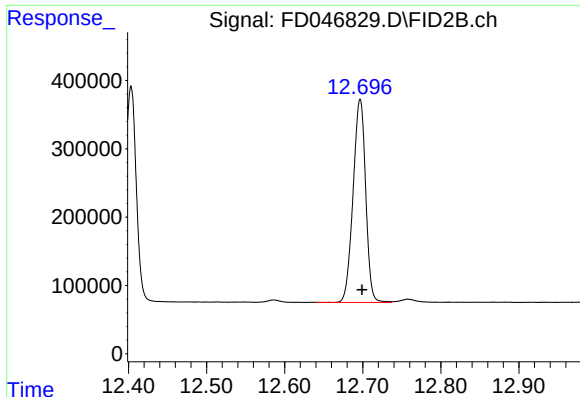
#11 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: -0.003 min
Response: 4191733
Conc: 19.80 ug/ml



#12 Fluoranthene (C21.85)

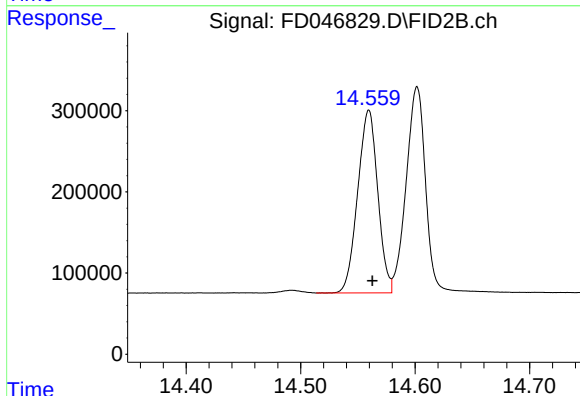
R.T.: 12.403 min
Delta R.T.: -0.002 min
Response: 3413169
Conc: 19.76 ug/ml



#13 Pyrene (C20.8)

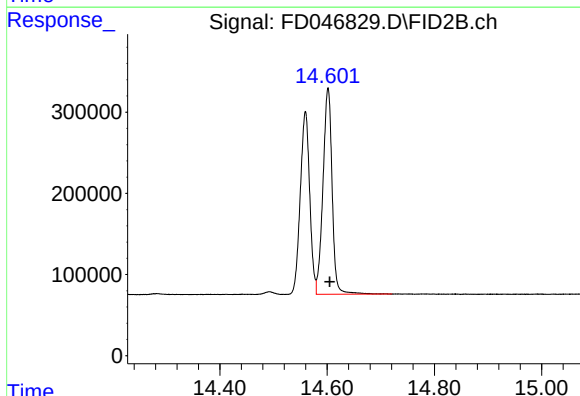
R.T.: 12.697 min
Delta R.T.: -0.003 min
Response: 3324308
Conc: 19.99 ug/ml

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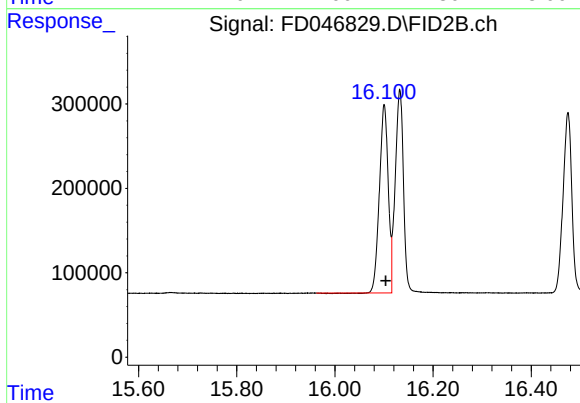
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.559 min
Delta R.T.: -0.003 min
Response: 2743378
Conc: 19.50 ug/ml



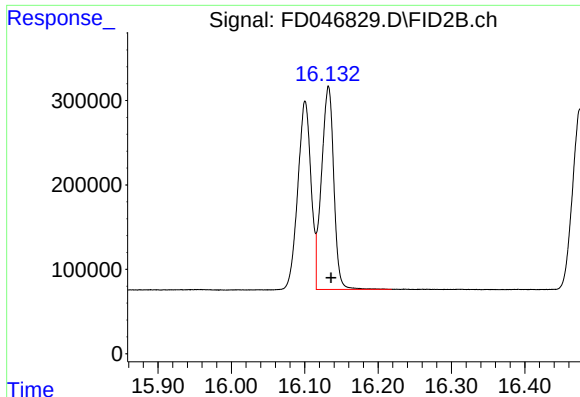
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 3017902
Conc: 19.35 ug/ml



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

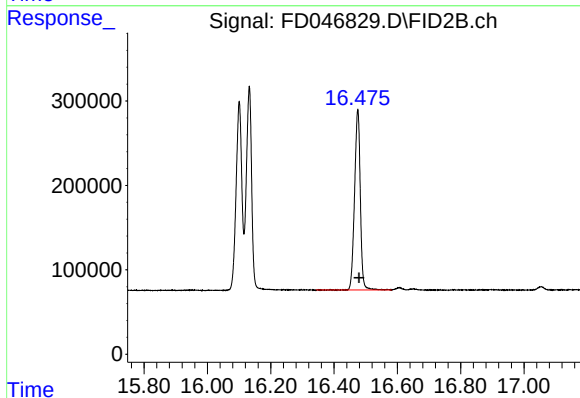
R.T.: 16.101 min
Delta R.T.: -0.003 min
Response: 2771211
Conc: 19.36 ug/ml



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

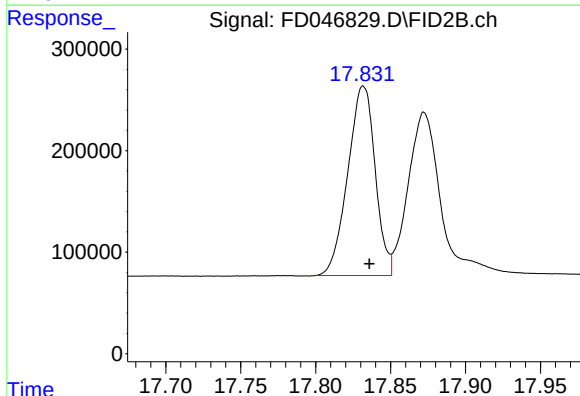
R.T.: 16.132 min
Delta R.T.: -0.004 min
Response: 2807933
Conc: 19.18 ug/ml

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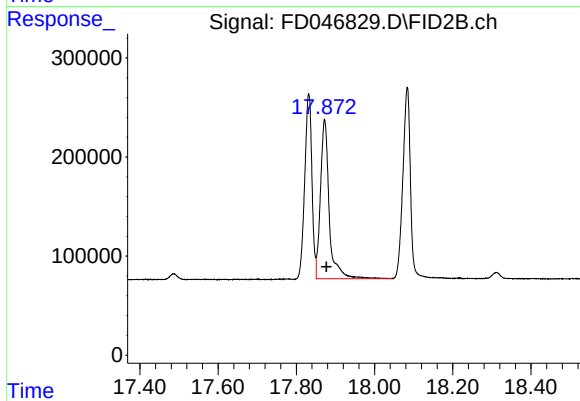
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: -0.004 min
Response: 2682494
Conc: 19.14 ug/ml



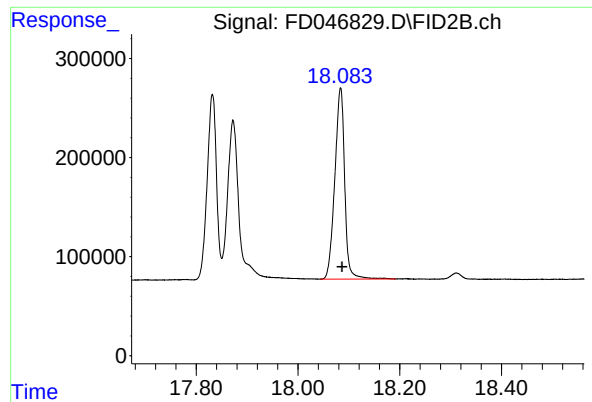
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: -0.004 min
Response: 2372647
Conc: 18.78 ug/ml



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

R.T.: 17.872 min
Delta R.T.: -0.005 min
Response: 2513347
Conc: 17.99 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.004 min
Response: 2603901
Conc: 18.65 ug/ml

Instrument :

FID_D

ClientSampleId :

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