

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082223AR\
 Data File : FD046375.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 14:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 22 15:48:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.497	3351413	19.844 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
6) S 2-Fluorobiphenyl (SURR)	8.351	2210864	19.866 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.73%
11) S ortho-Terphenyl (SURR)	11.388	3898709	19.878 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	3471191	19.754 ug/ml
2) T Naphthalene (C11.7)	5.838	3640154	19.750 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	3671786	19.775 ug/ml
5) T Acenaphthylene (C15.06)	8.155	3369298	19.799 ug/ml
7) T Acenaphthene (C15.5)	8.450	3573000	19.832 ug/ml
8) T Flouorene (C16.55)	9.228	3488015	19.944 ug/ml
9) T Phenanthrene (C19.36)	10.617	3406937	19.857 ug/ml
10) T Anthracene (C19.43)	10.690	3345826	19.834 ug/ml
12) T Fluoranthene (C21.85)	12.419	3318624	19.947 ug/ml
13) T Pyrene (C20.8)	12.713	3201101	19.861 ug/ml
14) T Benzo[a]anthracene (C...	14.577	2799547	19.899 ug/ml
15) T Chrysene (C27.41)	14.619	2945194	19.855 ug/ml
16) T benzo[b]fluoranthene ...	16.118	2720286	20.020 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.150	2704429	19.935 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.492	2621635	19.897 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	2482076	19.899 ug/mlm
20) T Dibenz[a,h]anthracene...	17.891	2483700	19.821 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	2545894	19.852 ug/ml

(f)=RT Delta > 1/2 Window

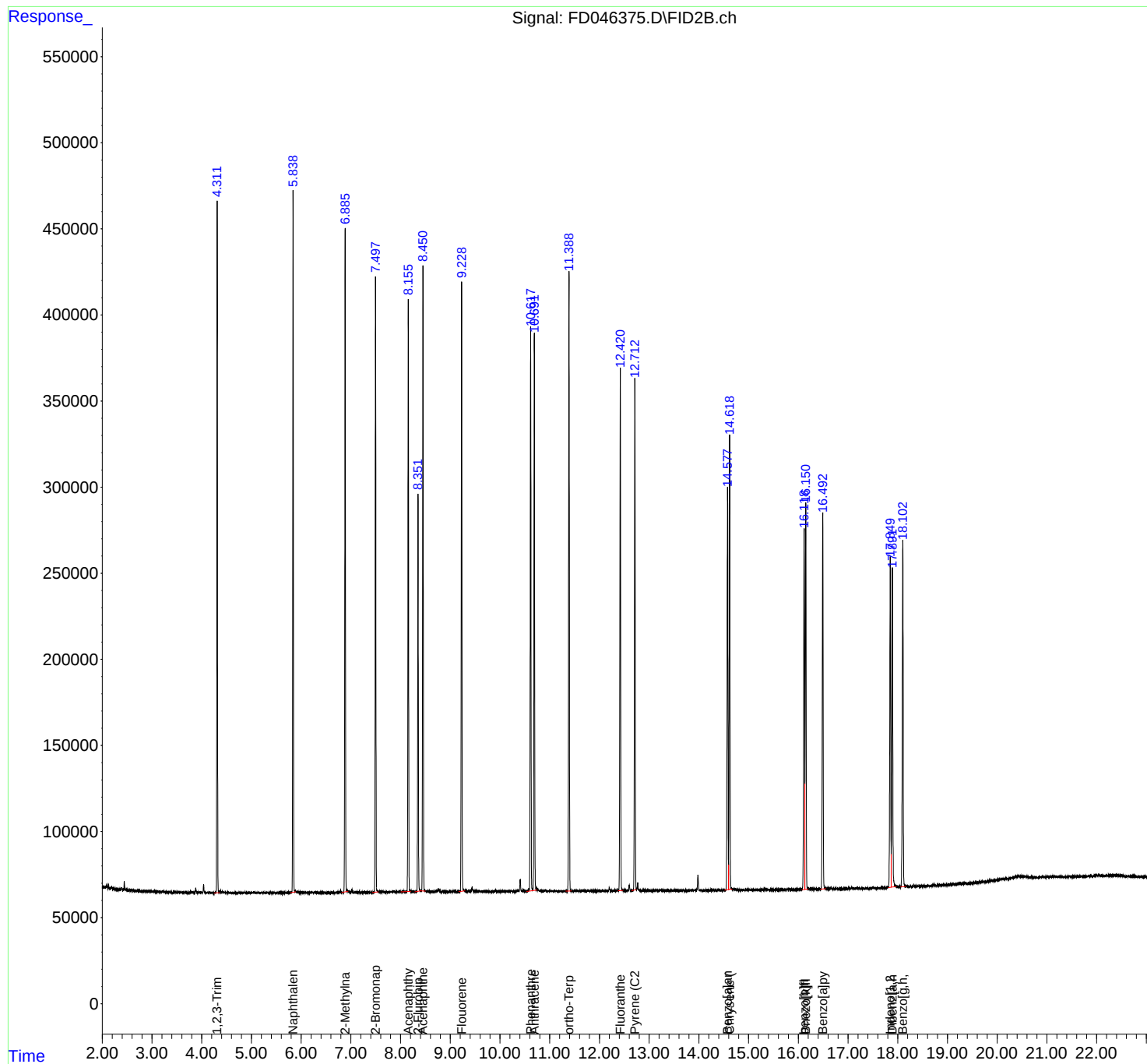
(m)=manual int.

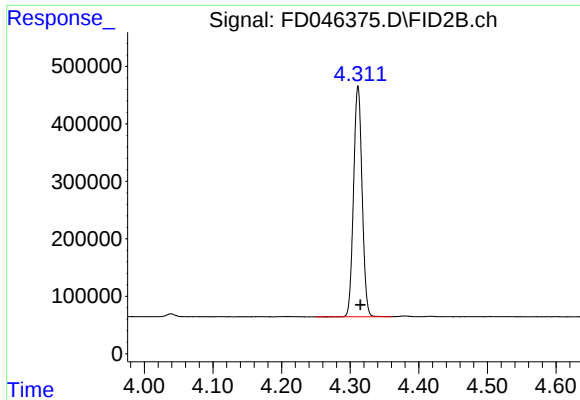
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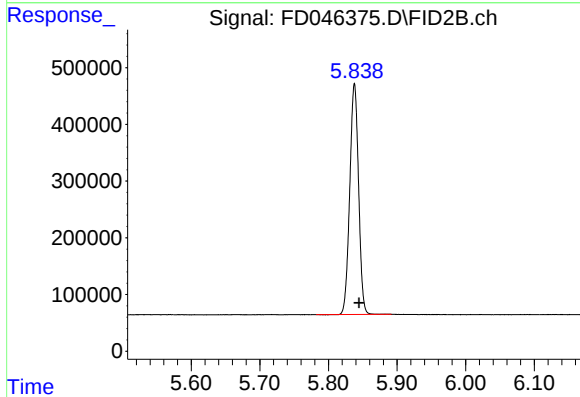




#1 1,2,3-Trimethylbenzene (C10.1)

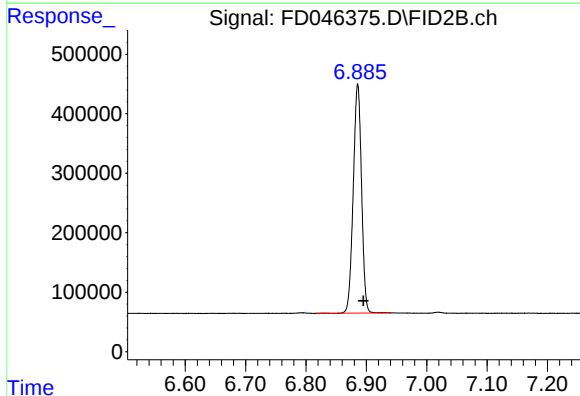
R.T.: 4.311 min
Delta R.T.: -0.004 min
Response: 3471191
Conc: 19.75 ug/ml

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20 PPM AROMATIC HC STD



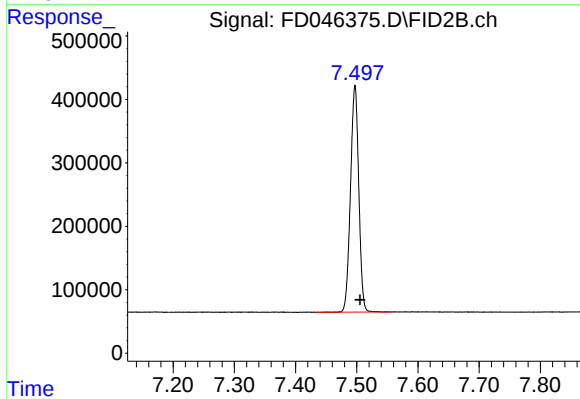
#2 Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: -0.007 min
Response: 3640154
Conc: 19.75 ug/ml



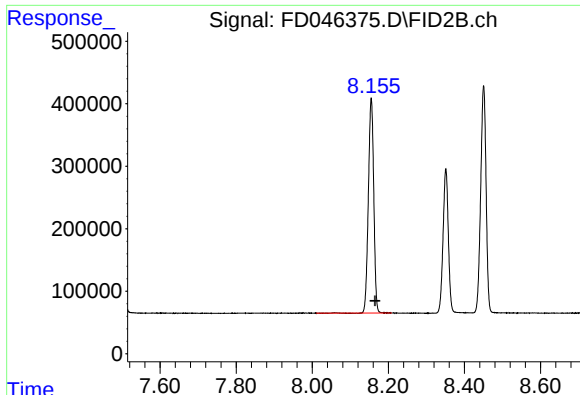
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 3671786
Conc: 19.78 ug/ml



#4 2-Bromonaphthalene (SURR)

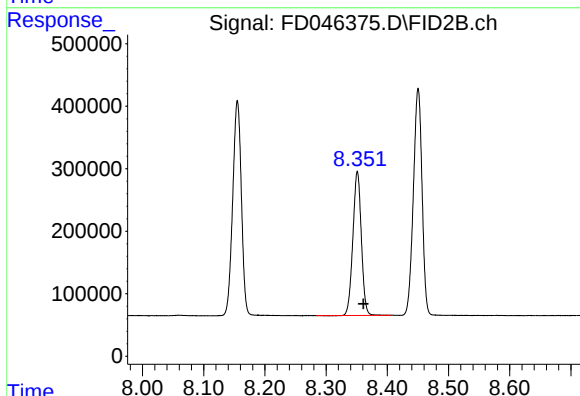
R.T.: 7.497 min
Delta R.T.: -0.008 min
Response: 3351413
Conc: 19.84 ug/ml



#5 Acenaphthylene (C15.06)

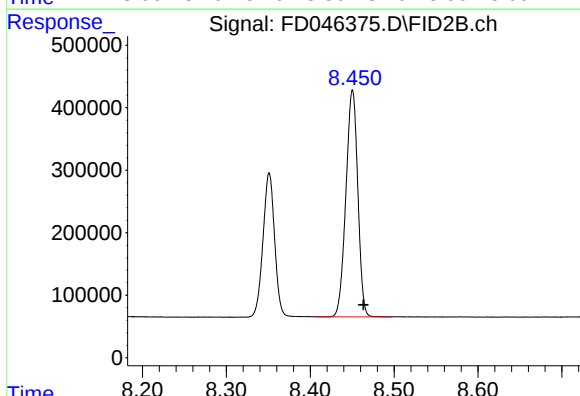
R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 3369298
Conc: 19.80 ug/ml

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20 PPM AROMATIC HC STD



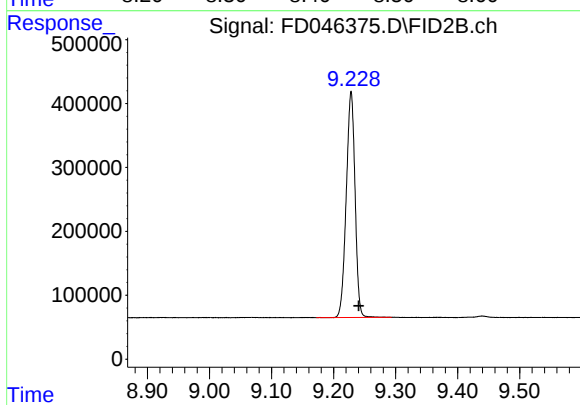
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.351 min
Delta R.T.: -0.010 min
Response: 2210864
Conc: 19.87 ug/ml



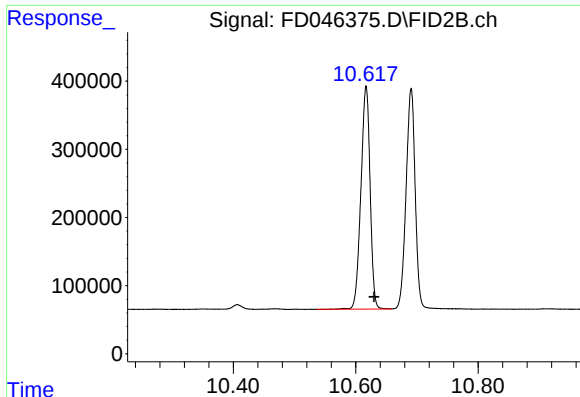
#7 Acenaphthene (C15.5)

R.T.: 8.450 min
Delta R.T.: -0.013 min
Response: 3573000
Conc: 19.83 ug/ml



#8 Fluorene (C16.55)

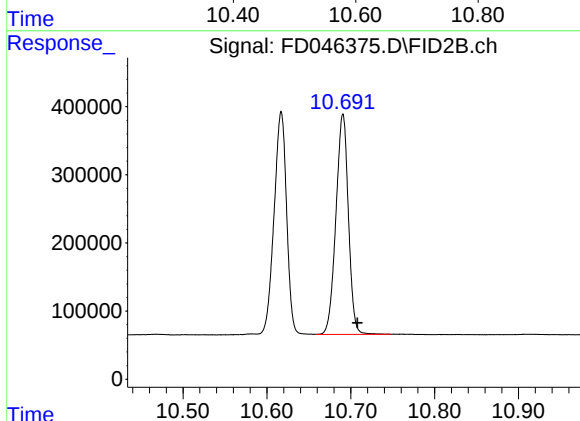
R.T.: 9.228 min
Delta R.T.: -0.012 min
Response: 3488015
Conc: 19.94 ug/ml



#9 Phenanthrene (C19.36)

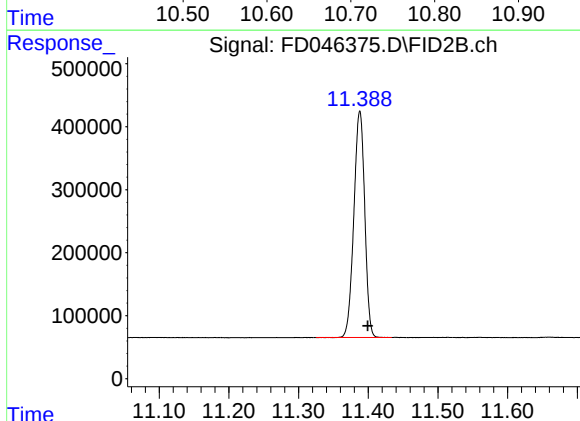
R.T.: 10.617 min
Delta R.T.: -0.013 min
Response: 3406937
Conc: 19.86 ug/ml

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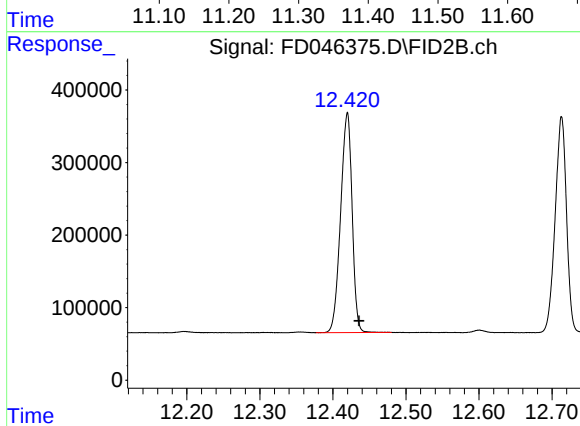
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: -0.017 min
Response: 3345826
Conc: 19.83 ug/ml



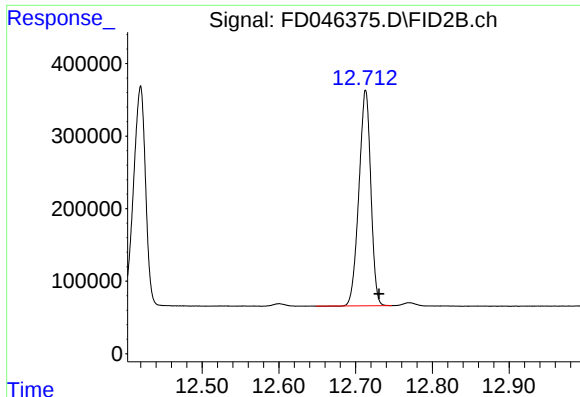
#11 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: -0.011 min
Response: 3898709
Conc: 19.88 ug/ml



#12 Fluoranthene (C21.85)

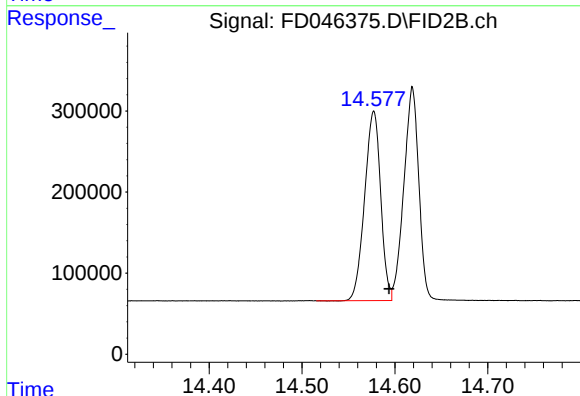
R.T.: 12.419 min
Delta R.T.: -0.016 min
Response: 3318624
Conc: 19.95 ug/ml



#13 Pyrene (C20.8)

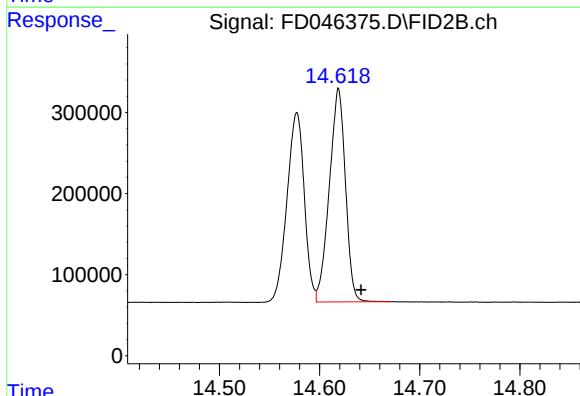
R.T.: 12.713 min
Delta R.T.: -0.018 min
Response: 3201101
Conc: 19.86 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



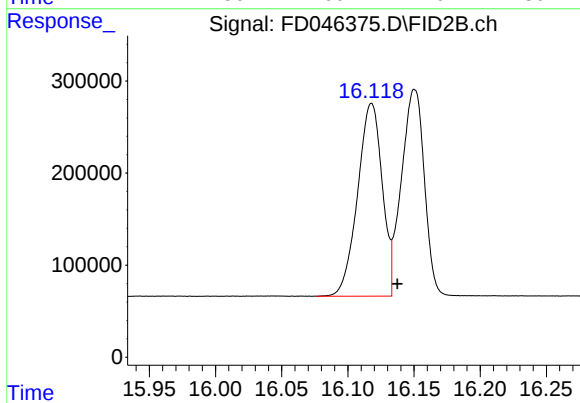
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: -0.017 min
Response: 2799547
Conc: 19.90 ug/ml



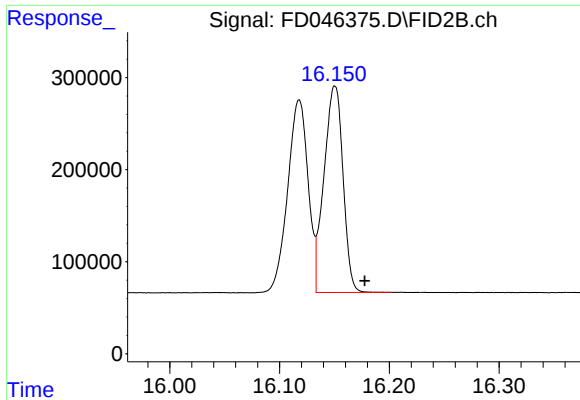
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.023 min
Response: 2945194
Conc: 19.86 ug/ml



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

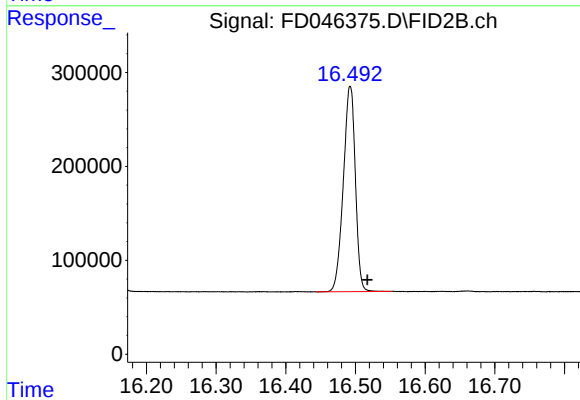
R.T.: 16.118 min
Delta R.T.: -0.020 min
Response: 2720286
Conc: 20.02 ug/ml m



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

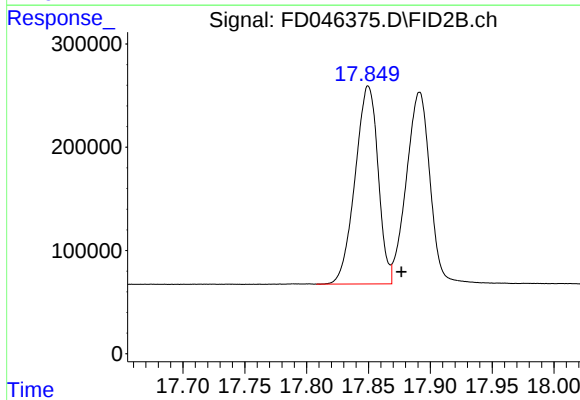
R.T.: 16.150 min
Delta R.T.: -0.027 min
Response: 2704429
Conc: 19.93 ug/ml

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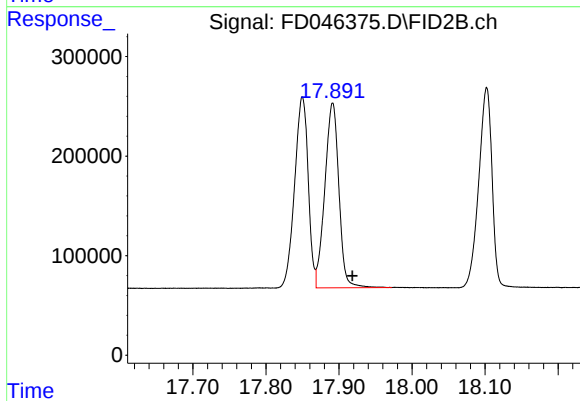
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.492 min
Delta R.T.: -0.025 min
Response: 2621635
Conc: 19.90 ug/ml



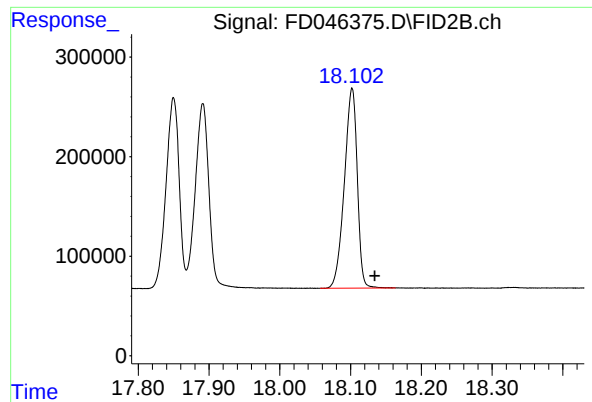
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min
Delta R.T.: -0.027 min
Response: 2482076
Conc: 19.90 ug/ml m



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

R.T.: 17.891 min
Delta R.T.: -0.027 min
Response: 2483700
Conc: 19.82 ug/ml



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

R.T.: 18.102 min
Delta R.T.: -0.032 min
Response: 2545894
Conc: 19.85 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD