

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090623AR\
 Data File : FD046447.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2023 12:35
 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: Sep 06 13:41:44 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...	7.493	3358698	19.887 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
6) S 2-Fluorobiphenyl (SURR)	8.347	2215091	19.904 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.81%
11) S ortho-Terphenyl (SURR)	11.385	3940545	20.092 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3475180	19.777 ug/ml
2) T Naphthalene (C11.7)	5.832	3643066	19.766 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	3659293	19.708 ug/ml
5) T Acenaphthylene (C15.06)	8.151	3332986	19.585 ug/ml
7) T Acenaphthene (C15.5)	8.446	3584918	19.899 ug/ml
8) T Flouorene (C16.55)	9.224	3486245	19.934 ug/ml
9) T Phenanthrene (C19.36)	10.613	3403217	19.835 ug/ml
10) T Anthracene (C19.43)	10.687	2856188	16.931 ug/ml
12) T Fluoranthene (C21.85)	12.416	3379397	20.313 ug/ml
13) T Pyrene (C20.8)	12.710	3200049	19.855 ug/ml
14) T Benzo[a]anthracene (C...	14.574	2721618	19.345 ug/ml
15) T Chrysene (C27.41)	14.616	2915597	19.656 ug/ml
16) T benzo[b]fluoranthene ...	16.114	2674177	19.680 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.147	2759216	20.339 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.489	2536762	19.253 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	2457695	19.703 ug/mlm
20) T Dibenz[a,h]anthracene...	17.888	2754672	21.983 ug/ml
21) T Benzo[g,h,i]perylene ...	18.098	2553791	19.914 ug/ml

(f)=RT Delta > 1/2 Window

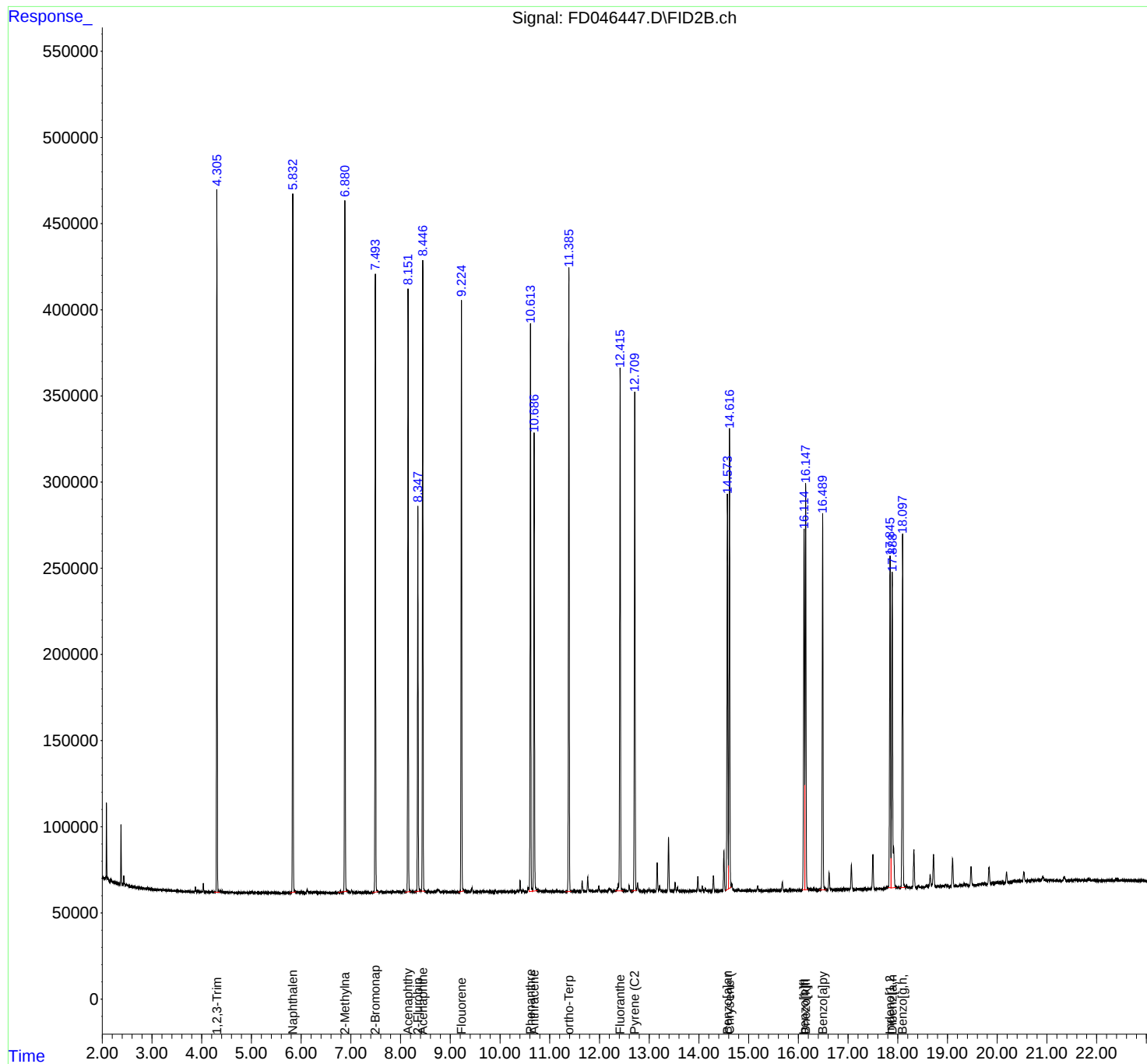
(m)=manual int.

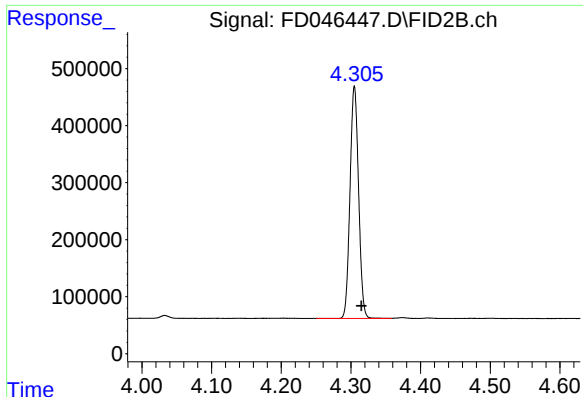
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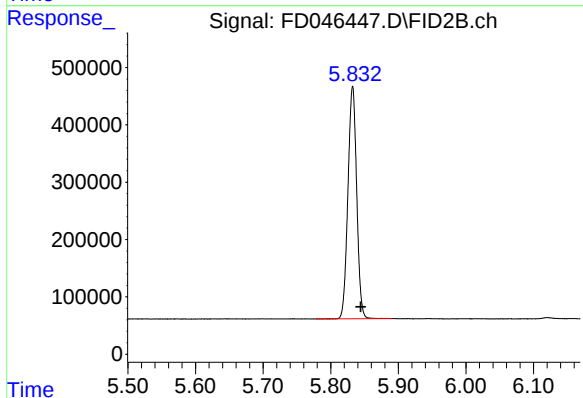




#1 1,2,3-Trimethylbenzene (C10.1)

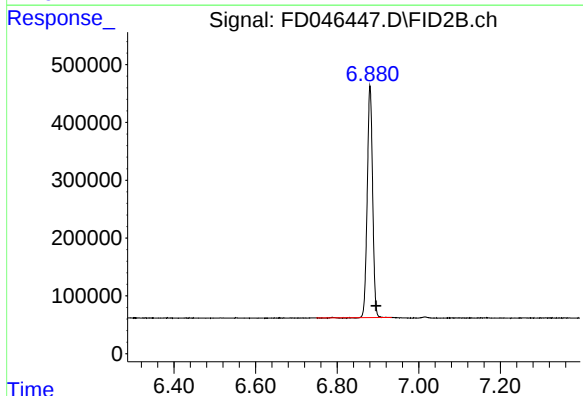
R.T.: 4.305 min
Delta R.T.: -0.010 min
Response: 3475180
Conc: 19.78 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



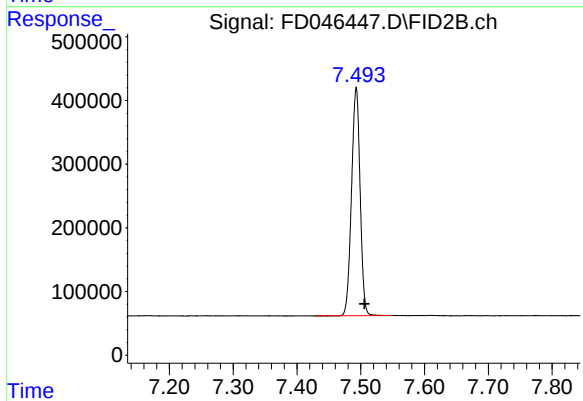
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: -0.012 min
Response: 3643066
Conc: 19.77 ug/ml



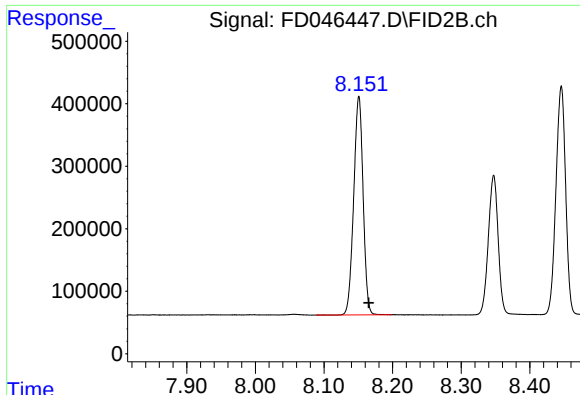
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.014 min
Response: 3659293
Conc: 19.71 ug/ml



#4 2-Bromonaphthalene (SURR)

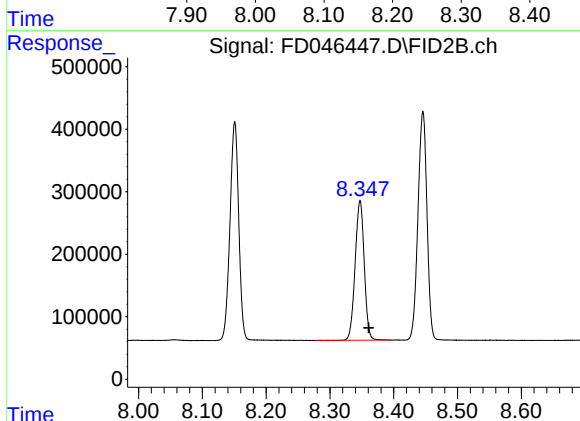
R.T.: 7.493 min
Delta R.T.: -0.013 min
Response: 3358698
Conc: 19.89 ug/ml



#5 Acenaphthylene (C15.06)

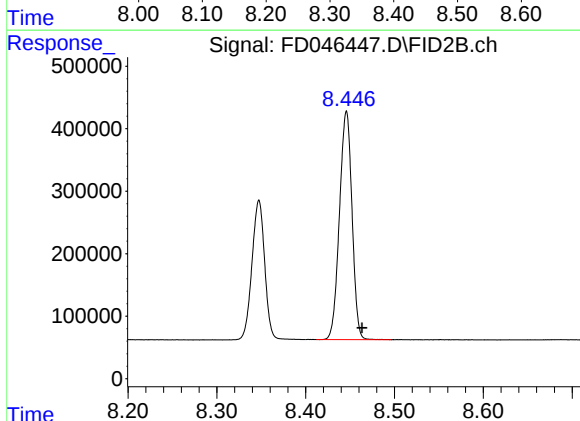
R.T.: 8.151 min
Delta R.T.: -0.014 min
Response: 3332986
Conc: 19.59 ug/ml

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20 PPM AROMATIC HC STD



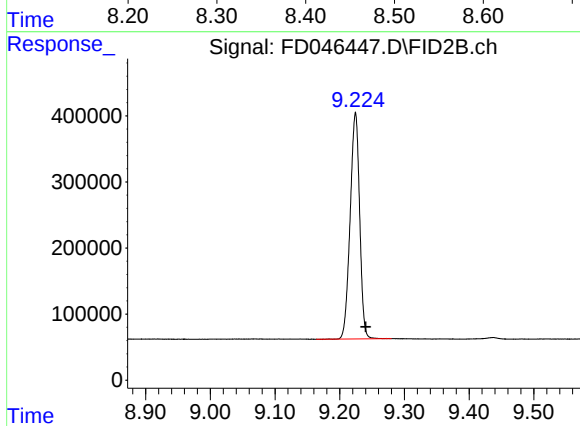
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: -0.014 min
Response: 2215091
Conc: 19.90 ug/ml



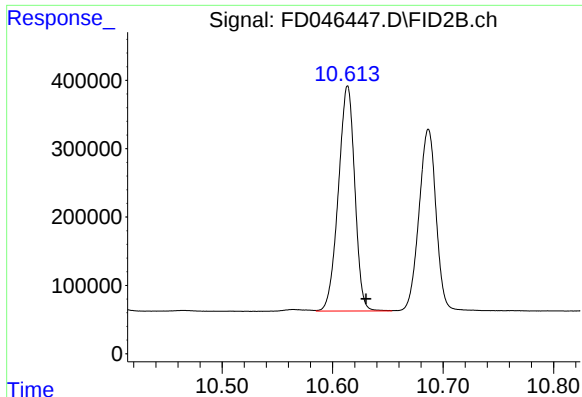
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.018 min
Response: 3584918
Conc: 19.90 ug/ml



#8 Fluorene (C16.55)

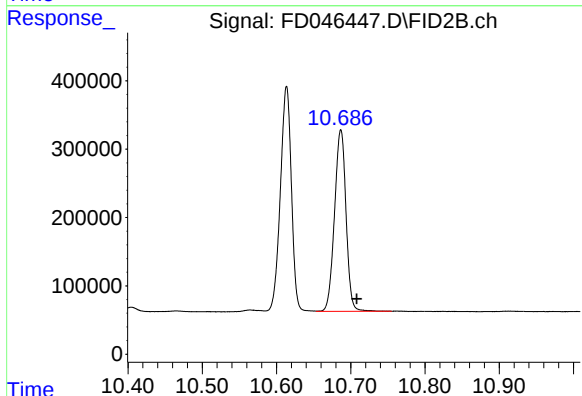
R.T.: 9.224 min
Delta R.T.: -0.016 min
Response: 3486245
Conc: 19.93 ug/ml



#9 Phenanthrene (C19.36)

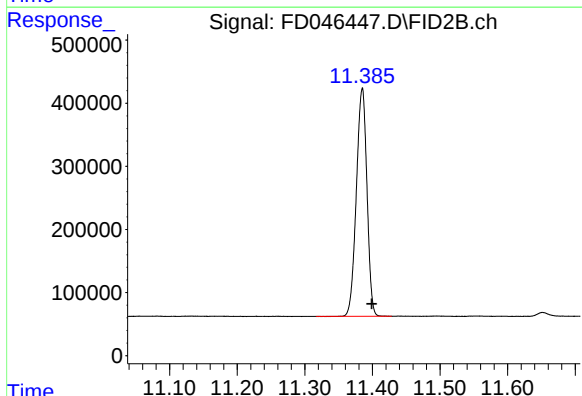
R.T.: 10.613 min
Delta R.T.: -0.017 min
Response: 3403217
Conc: 19.84 ug/ml

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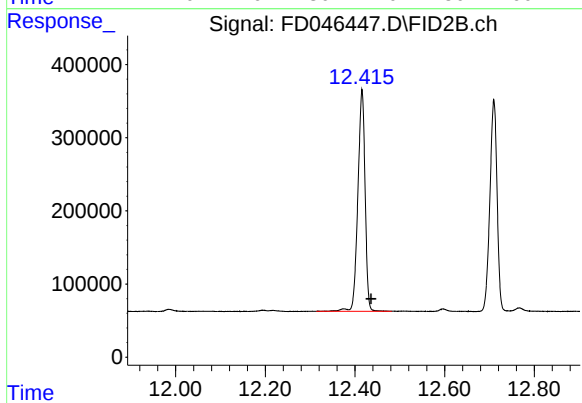
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: -0.021 min
Response: 2856188
Conc: 16.93 ug/ml



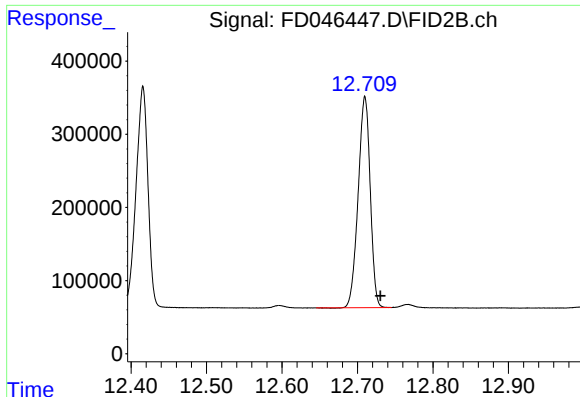
#11 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: -0.014 min
Response: 3940545
Conc: 20.09 ug/ml



#12 Fluoranthene (C21.85)

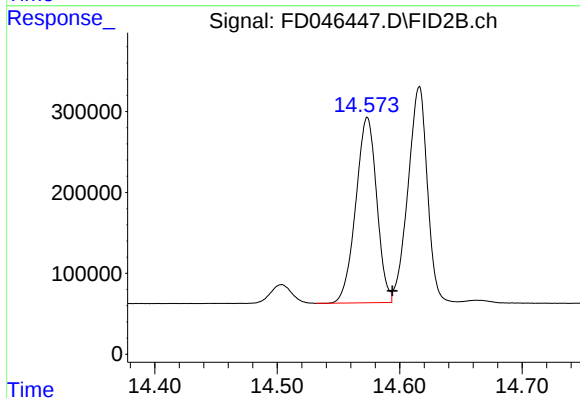
R.T.: 12.416 min
Delta R.T.: -0.020 min
Response: 3379397
Conc: 20.31 ug/ml



#13 Pyrene (C20.8)

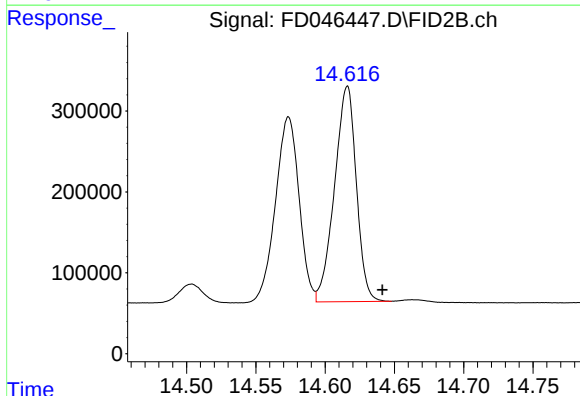
R.T.: 12.710 min
Delta R.T.: -0.021 min
Response: 3200049
Conc: 19.85 ug/ml

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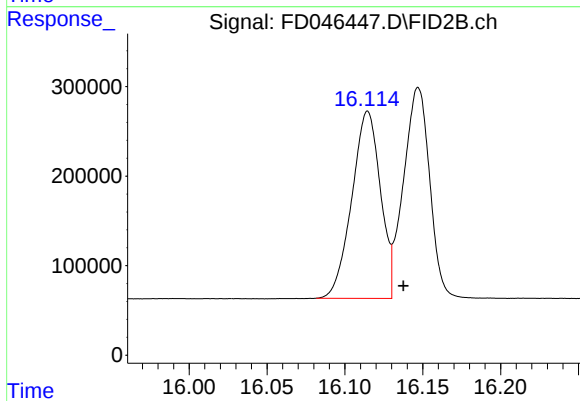
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: -0.020 min
Response: 2721618
Conc: 19.35 ug/ml



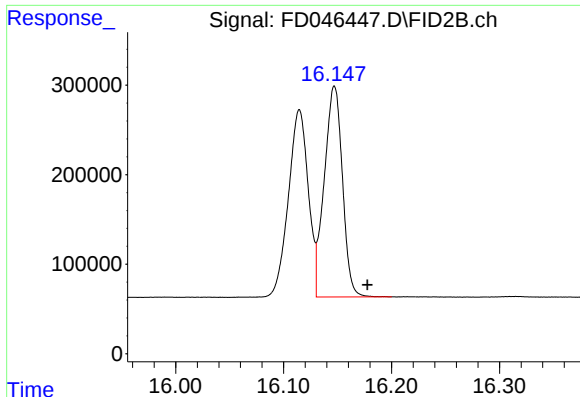
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: -0.026 min
Response: 2915597
Conc: 19.66 ug/ml



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

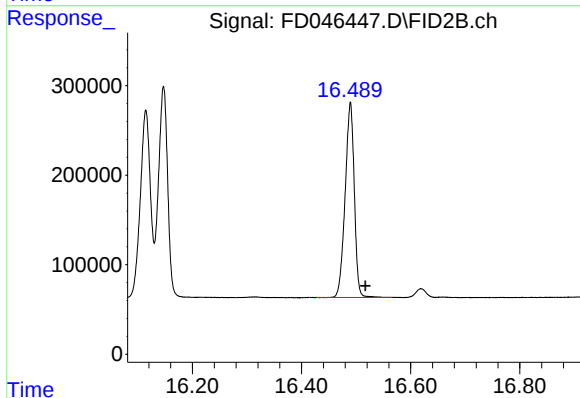
R.T.: 16.114 min
Delta R.T.: -0.023 min
Response: 2674177
Conc: 19.68 ug/ml m



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

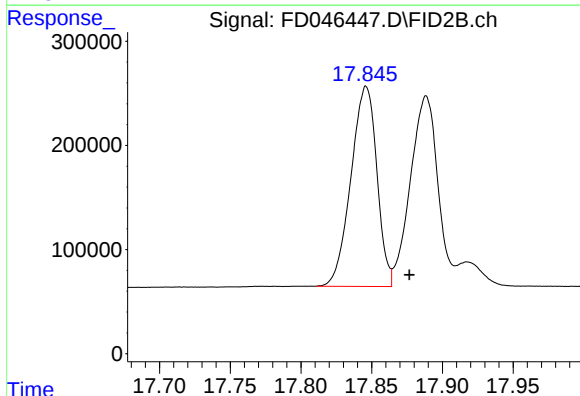
R.T.: 16.147 min
Delta R.T.: -0.031 min
Response: 2759216
Conc: 20.34 ug/ml

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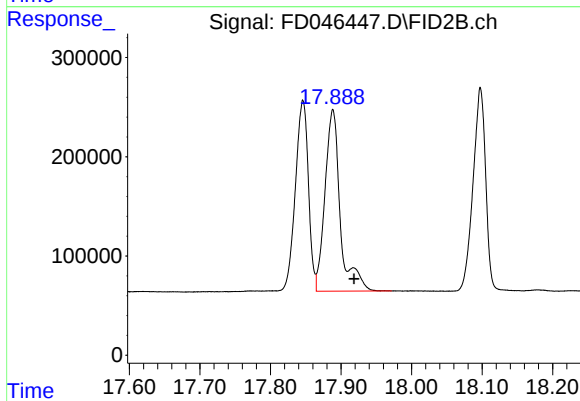
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.489 min
Delta R.T.: -0.028 min
Response: 2536762
Conc: 19.25 ug/ml



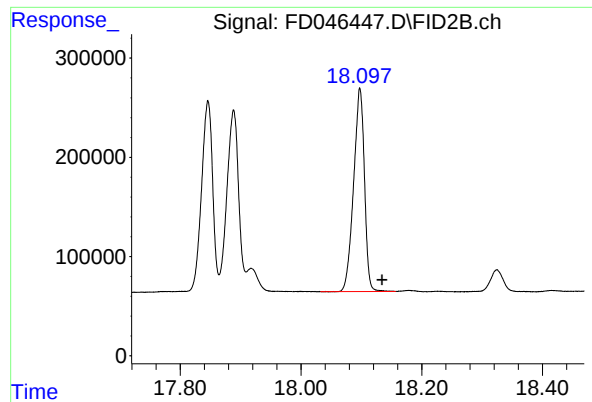
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: -0.031 min
Response: 2457695
Conc: 19.70 ug/ml m



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

R.T.: 17.888 min
Delta R.T.: -0.030 min
Response: 2754672
Conc: 21.98 ug/ml



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

R.T.: 18.098 min
Delta R.T.: -0.037 min
Response: 2553791
Conc: 19.91 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD