

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047416.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2024 23:56
 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: Mar 22 03:31:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.452	3383523	20.486 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
6) S 2-Fluorobiphenyl (SURR)	8.304	2217617	20.841 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.68%
11) S ortho-Terphenyl (SURR)	11.337	3843193	20.593 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3601055	20.262 ug/ml
2) T Naphthalene (C11.7)	5.795	3713573	20.363 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	3729495	20.449 ug/ml
5) T Acenaphthylene (C15.06)	8.108	3377379	20.258 ug/ml
7) T Acenaphthene (C15.5)	8.403	3591674	20.386 ug/ml
8) T Flouorene (C16.55)	9.180	3485074	20.689 ug/ml
9) T Phenanthrene (C19.36)	10.566	3358911	20.740 ug/ml
10) T Anthracene (C19.43)	10.640	2946897	20.024 ug/ml
12) T Fluoranthene (C21.85)	12.366	3314108	20.788 ug/ml
13) T Pyrene (C20.8)	12.660	3198170	20.672 ug/ml
14) T Benzo[a]anthracene (C...	14.521	2842395	20.968 ug/ml
15) T Chrysene (C27.41)	14.563	3062869	20.633 ug/ml
16) T benzo[b]fluoranthene ...	16.062	2914531	20.762 ug/ml
17) T Bnezo[k]fluoranthene ...	16.094	2941401	20.771 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	2849799	20.630 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2765015	22.123 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	2920028	22.142 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	2857280	21.265 ug/ml

(f)=RT Delta > 1/2 Window

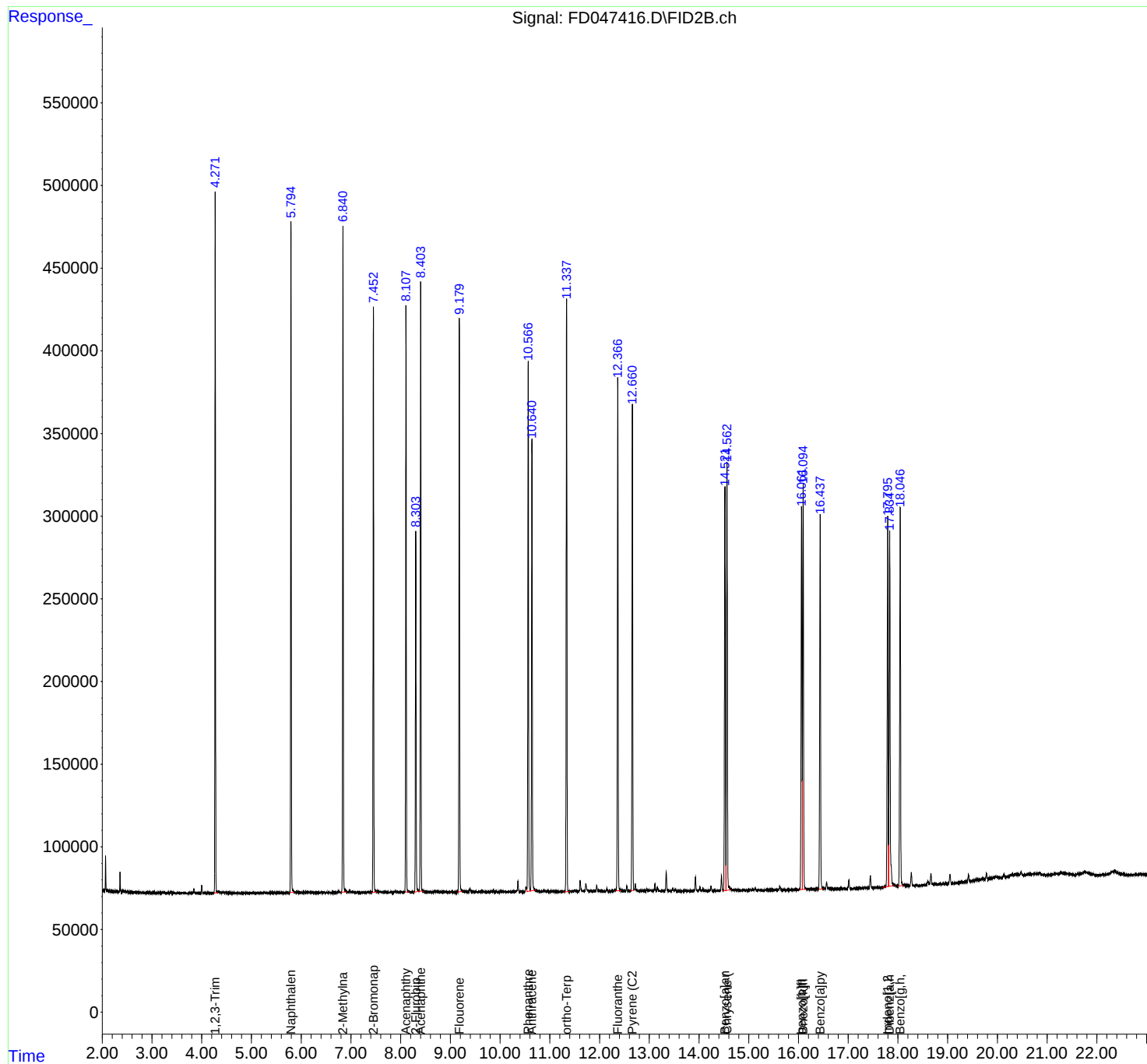
(m)=manual int.

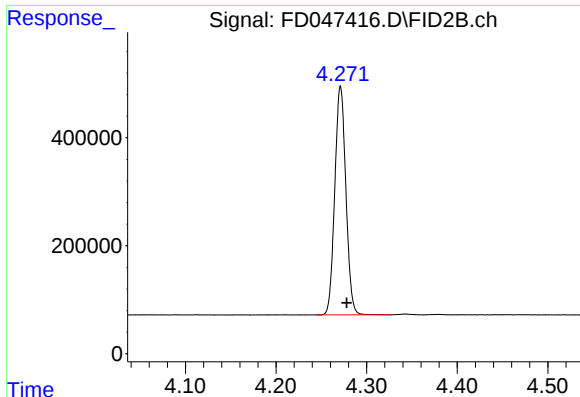
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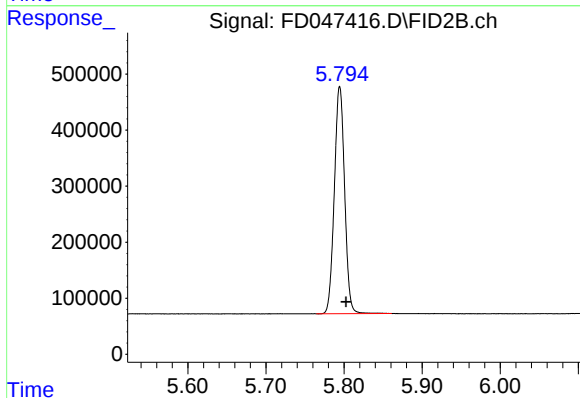




#1 1,2,3-Trimethylbenzene (C10.1)

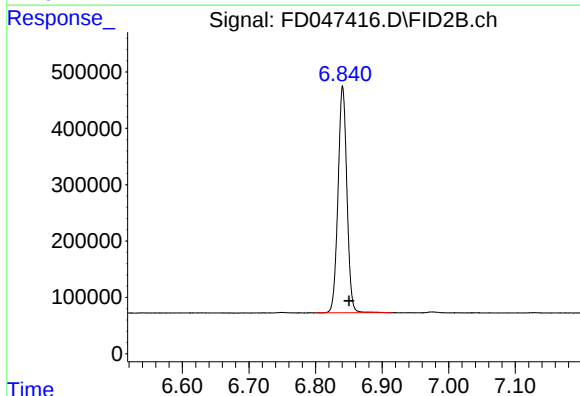
R.T.: 4.271 min
Delta R.T.: -0.007 min
Response: 3601055
Conc: 20.26 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



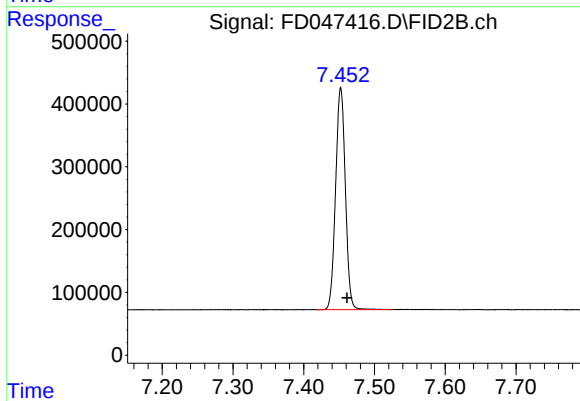
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 3713573
Conc: 20.36 ug/ml



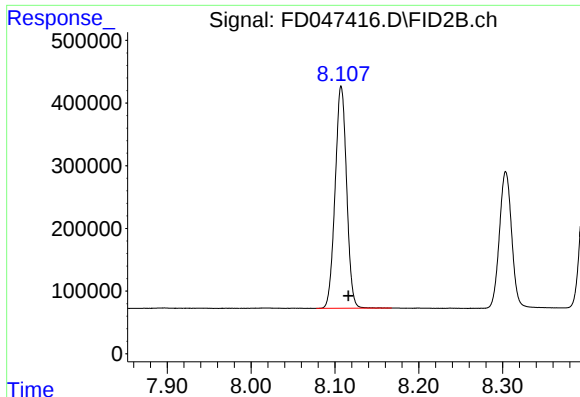
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 3729495
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

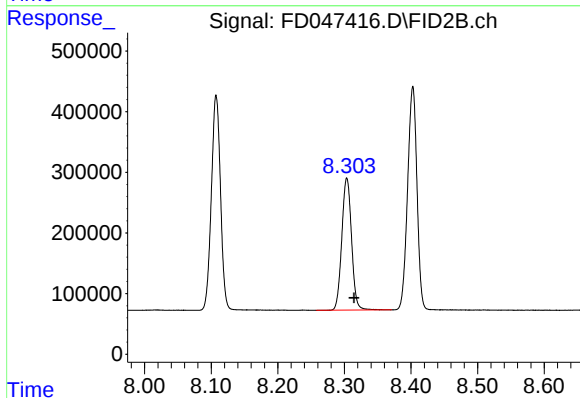
R.T.: 7.452 min
Delta R.T.: -0.009 min
Response: 3383523
Conc: 20.49 ug/ml



#5 Acenaphthylene (C15.06)

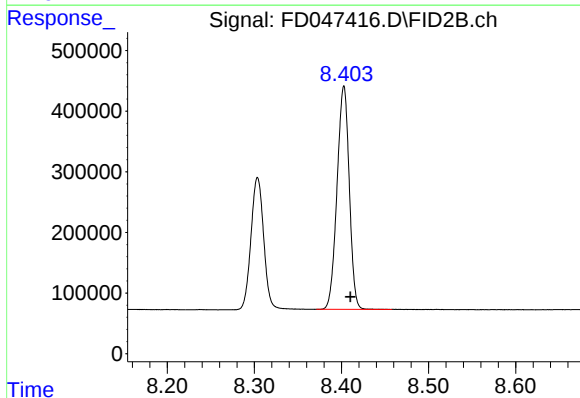
R.T.: 8.108 min
Delta R.T.: -0.009 min
Response: 3377379
Conc: 20.26 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



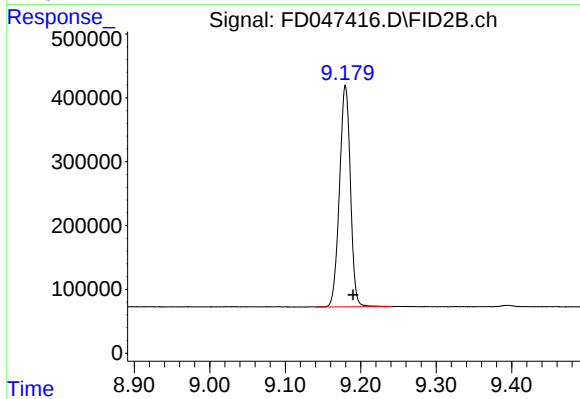
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.304 min
Delta R.T.: -0.011 min
Response: 2217617
Conc: 20.84 ug/ml



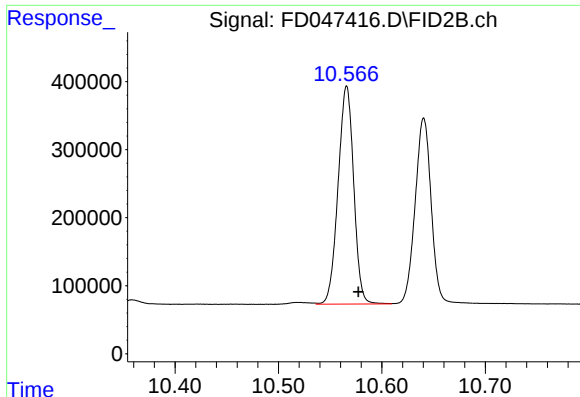
#7 Acenaphthene (C15.5)

R.T.: 8.403 min
Delta R.T.: -0.008 min
Response: 3591674
Conc: 20.39 ug/ml



#8 Flouorene (C16.55)

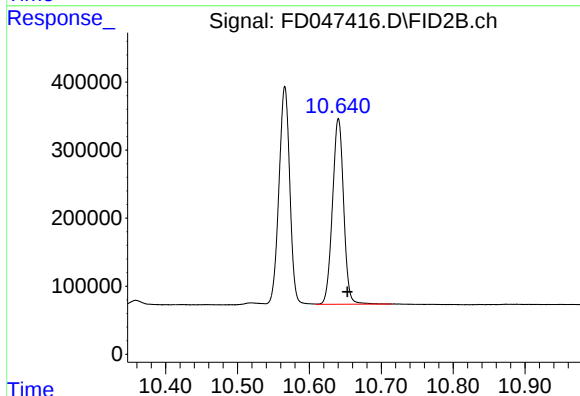
R.T.: 9.180 min
Delta R.T.: -0.010 min
Response: 3485074
Conc: 20.69 ug/ml



#9 Phenanthrene (C19.36)

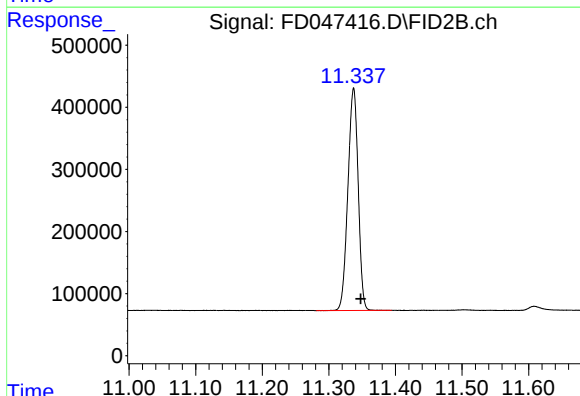
R.T.: 10.566 min
Delta R.T.: -0.011 min
Response: 3358911
Conc: 20.74 ug/ml

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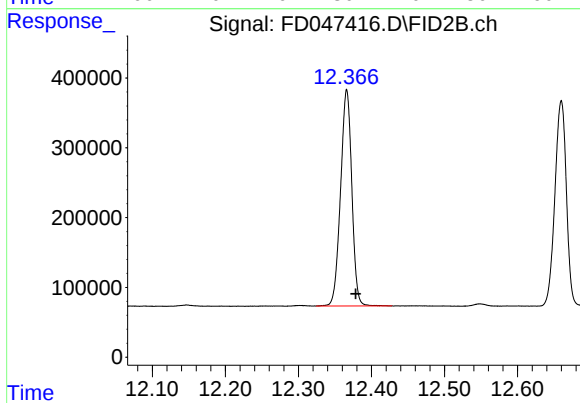
#10 Anthracene (C19.43)

R.T.: 10.640 min
Delta R.T.: -0.012 min
Response: 2946897
Conc: 20.02 ug/ml



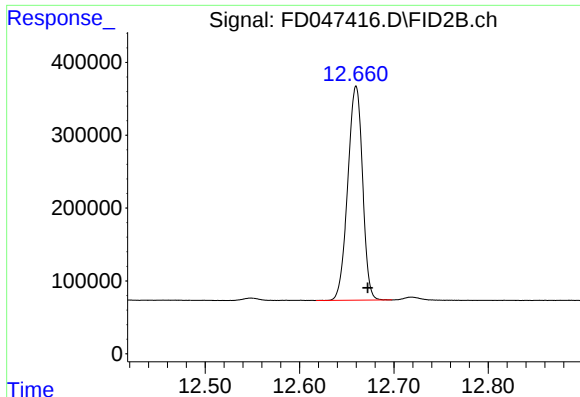
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.011 min
Response: 3843193
Conc: 20.59 ug/ml



#12 Fluoranthene (C21.85)

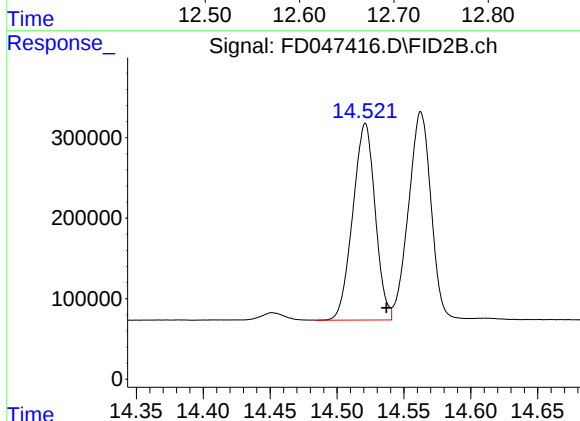
R.T.: 12.366 min
Delta R.T.: -0.012 min
Response: 3314108
Conc: 20.79 ug/ml



#13 Pyrene (C20.8)

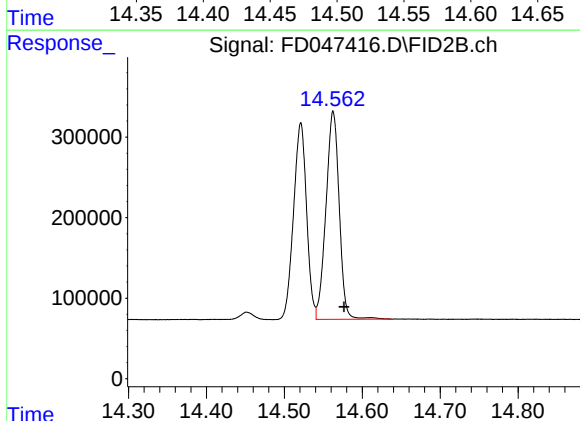
R.T.: 12.660 min
Delta R.T.: -0.012 min
Response: 3198170
Conc: 20.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



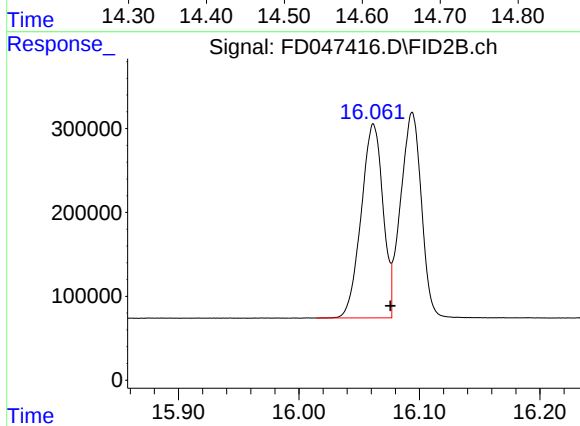
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.521 min
Delta R.T.: -0.016 min
Response: 2842395
Conc: 20.97 ug/ml



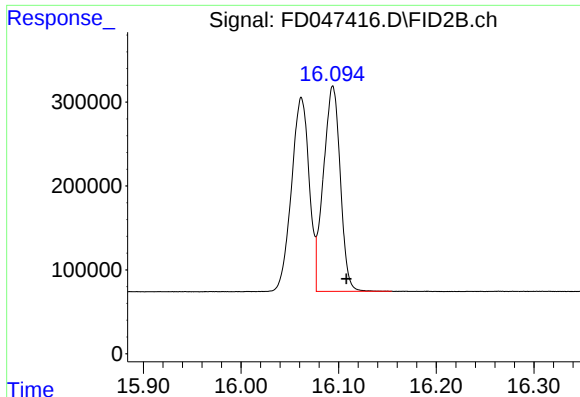
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: -0.014 min
Response: 3062869
Conc: 20.63 ug/ml



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

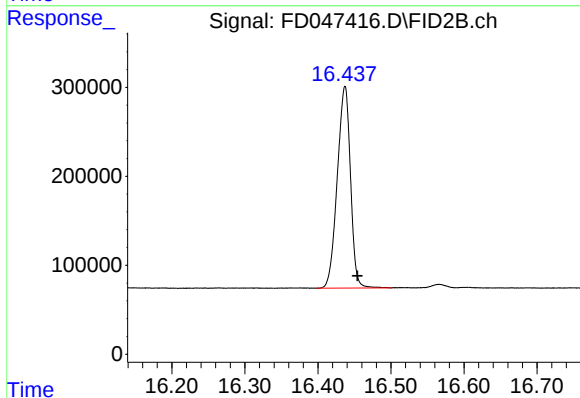
R.T.: 16.062 min
Delta R.T.: -0.014 min
Response: 2914531
Conc: 20.76 ug/ml



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

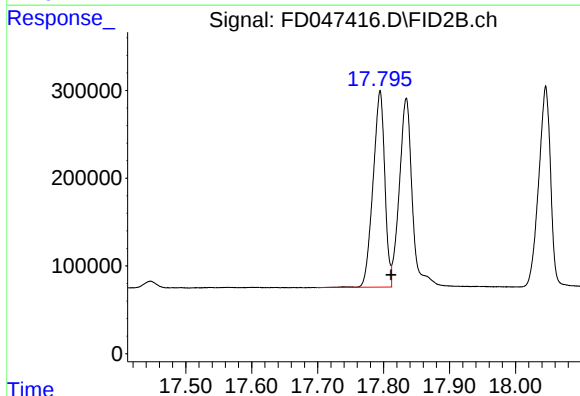
R.T.: 16.094 min
Delta R.T.: -0.014 min
Response: 2941401
Conc: 20.77 ug/ml

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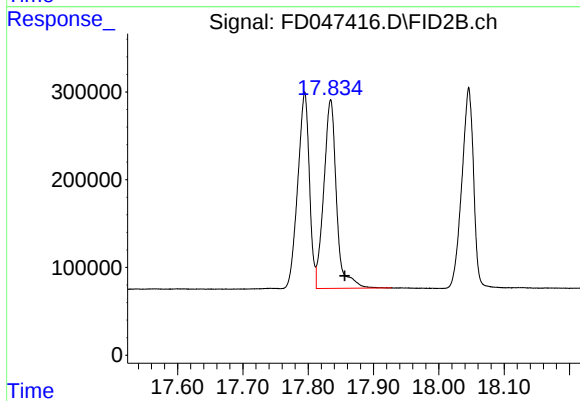
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.437 min
Delta R.T.: -0.018 min
Response: 2849799
Conc: 20.63 ug/ml



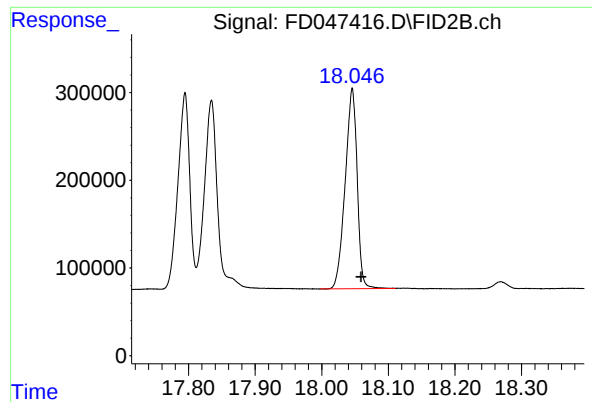
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.017 min
Response: 2765015
Conc: 22.12 ug/ml



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

R.T.: 17.834 min
Delta R.T.: -0.022 min
Response: 2920028
Conc: 22.14 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.013 min
Response: 2857280
Conc: 21.27 ug/ml

Instrument :

FID_D

ClientSampleId :

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