

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102522AR\
 Data File : FD044242.D
 Signal(s) : FID2B.ch
 Acq On : 26 Oct 2022 01:53
 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: Oct 26 04:07:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.414	2697754	21.729 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
6) S 2-Fluorobiphenyl (SURR)	8.272	1572983	20.890 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.78%
11) S ortho-Terphenyl (SURR)	11.297	3571729	21.102 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	3045134	21.574 ug/ml
2) T Naphthalene (C11.7)	5.755	3012390	21.973 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	3087425	21.779 ug/ml
5) T Acenaphthylene (C15.06)	8.070	2935103	20.923 ug/ml
7) T Acenaphthene (C15.5)	8.361	3318588	21.341 ug/ml
8) T Flouorene (C16.55)	9.143	2939248	20.893 ug/ml
9) T Phenanthrene (C19.36)	10.534	2834131	21.045 ug/ml
10) T Anthracene (C19.43)	10.611	2530760	18.834 ug/ml
12) T Fluoranthene (C21.85)	12.339	2858630	21.405 ug/ml
13) T Pyrene (C20.8)	12.633	2598019	20.568 ug/ml
14) T Benzo[a]anthracene (C...	14.503	2274769	21.416 ug/ml
15) T Chrysene (C27.41)	14.545	2864482	21.852 ug/ml
16) T benzo[b]fluoranthene ...	16.049	2477239	22.074 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	2794206	21.962 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.431	2235337	19.237 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2263000	21.227 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	2668450	21.569 ug/ml
21) T Benzo[g,h,i]perylene ...	18.043	2530694	21.557 ug/ml

(f)=RT Delta > 1/2 Window

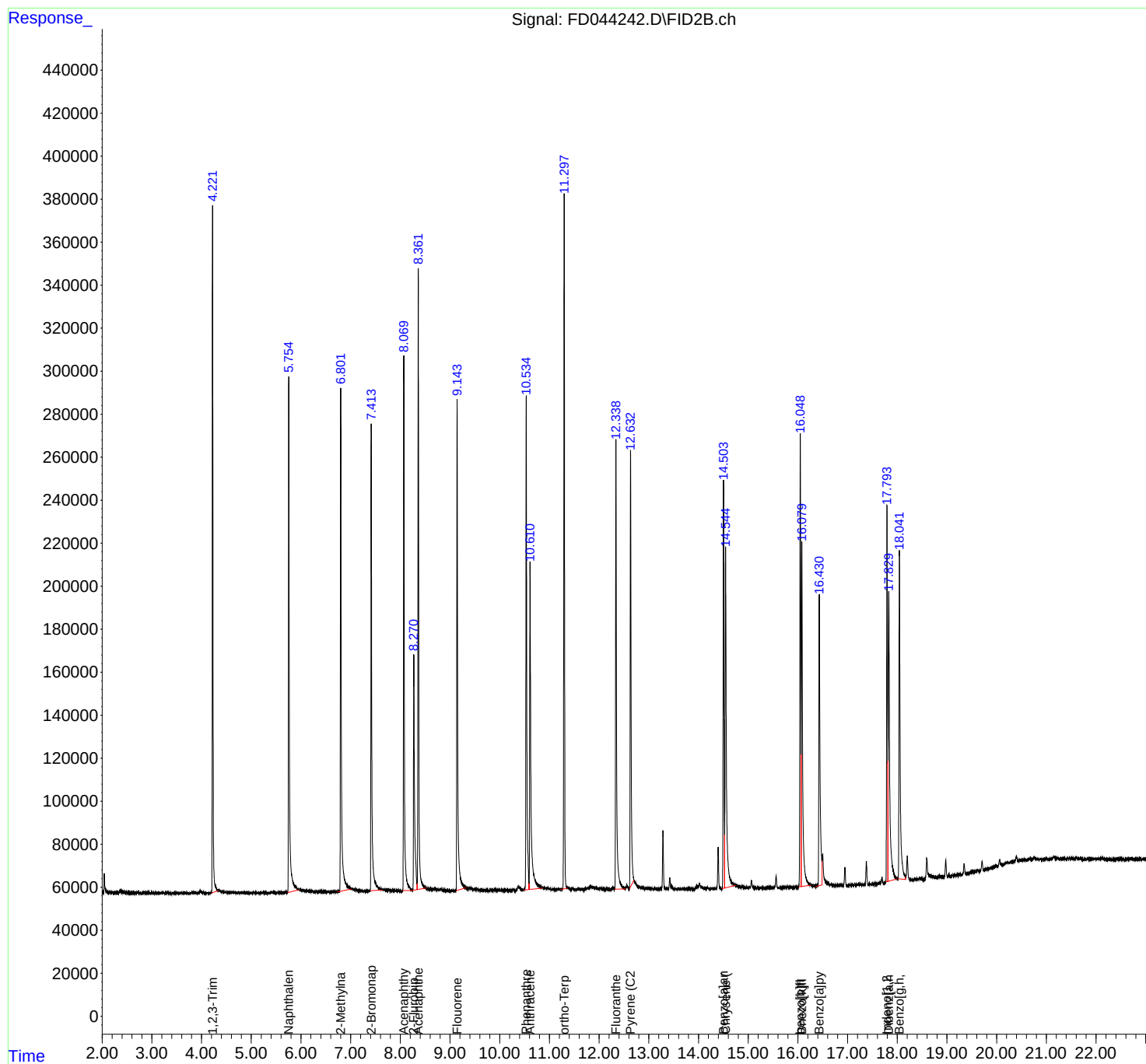
(m)=manual int.

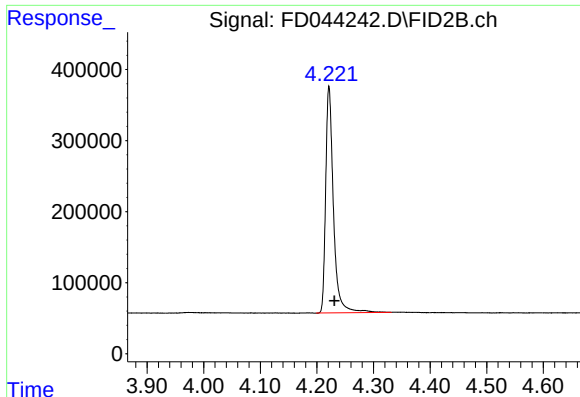
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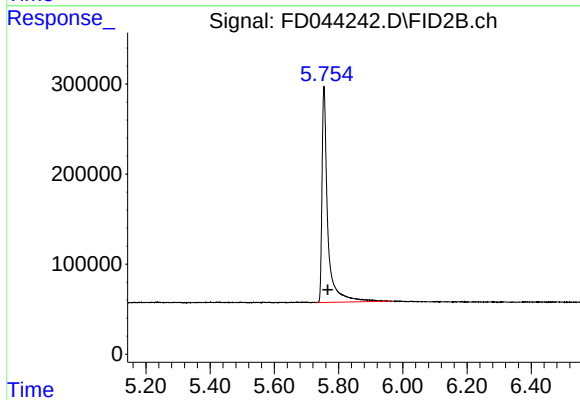




#1 1,2,3-Trimethylbenzene (C10.1)

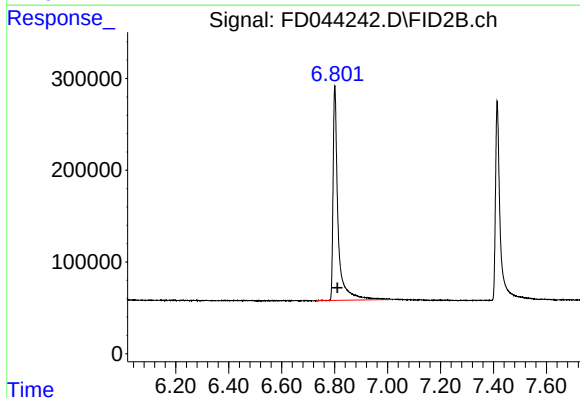
R.T.: 4.222 min
Delta R.T.: -0.009 min
Response: 3045134
Conc: 21.57 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



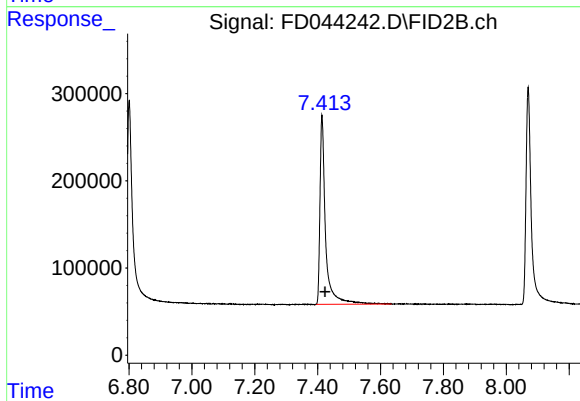
#2 Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.011 min
Response: 3012390
Conc: 21.97 ug/ml



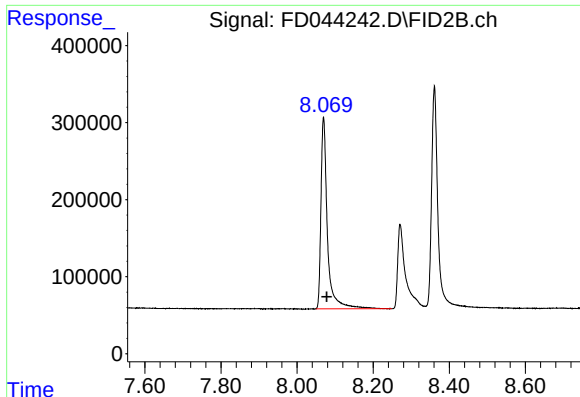
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.010 min
Response: 3087425
Conc: 21.78 ug/ml



#4 2-Bromonaphthalene (SURR)

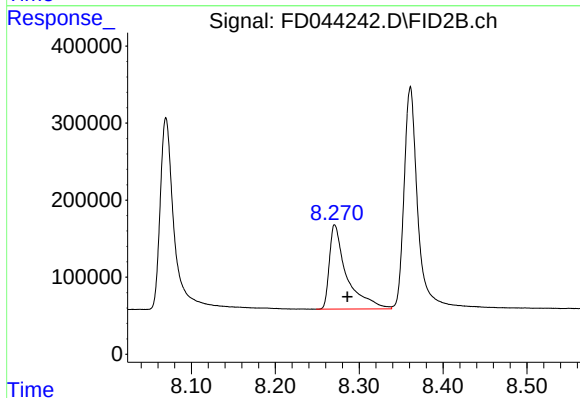
R.T.: 7.414 min
Delta R.T.: -0.009 min
Response: 2697754
Conc: 21.73 ug/ml



#5 Acenaphthylene (C15.06)

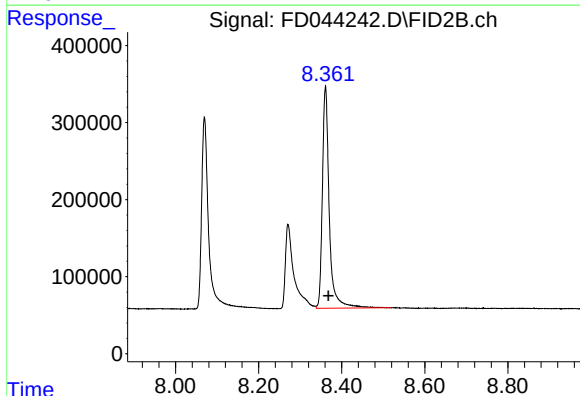
R.T.: 8.070 min
Delta R.T.: -0.008 min
Response: 2935103
Conc: 20.92 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



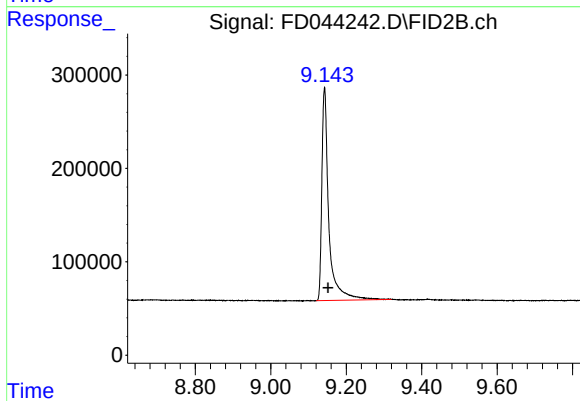
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.272 min
Delta R.T.: -0.014 min
Response: 1572983
Conc: 20.89 ug/ml



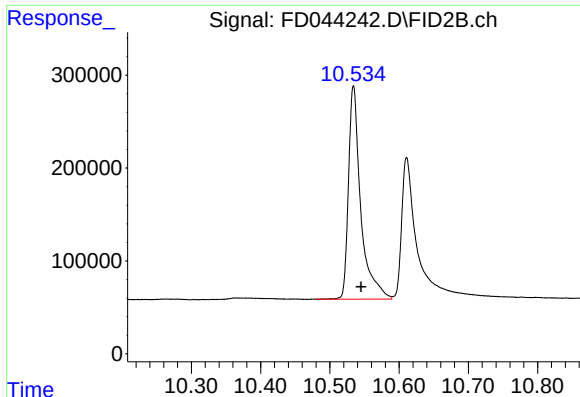
#7 Acenaphthene (C15.5)

R.T.: 8.361 min
Delta R.T.: -0.007 min
Response: 3318588
Conc: 21.34 ug/ml



#8 Flouorene (C16.55)

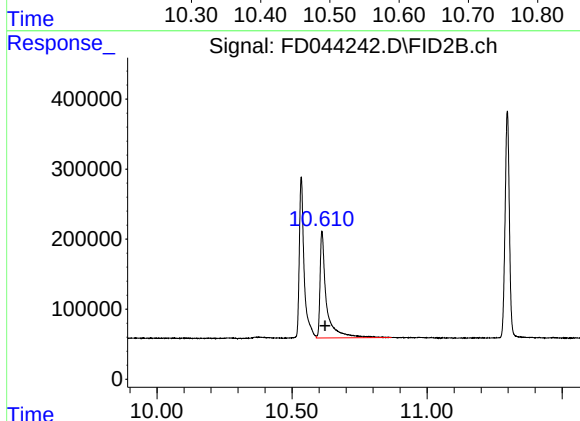
R.T.: 9.143 min
Delta R.T.: -0.009 min
Response: 2939248
Conc: 20.89 ug/ml



#9 Phenanthrene (C19.36)

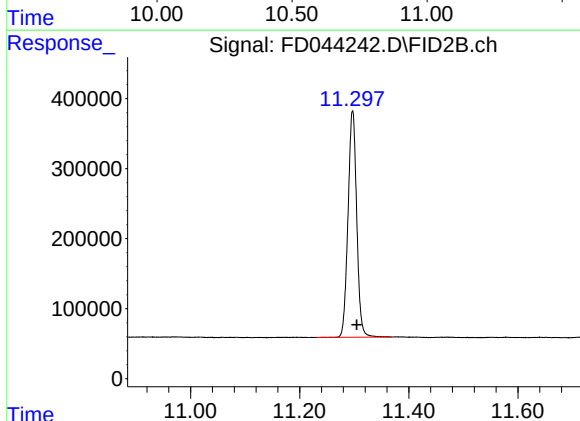
R.T.: 10.534 min
Delta R.T.: -0.011 min
Response: 2834131
Conc: 21.04 ug/ml

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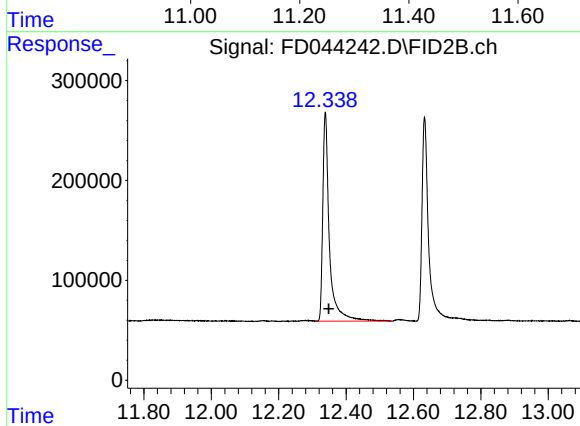
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: -0.010 min
Response: 2530760
Conc: 18.83 ug/ml



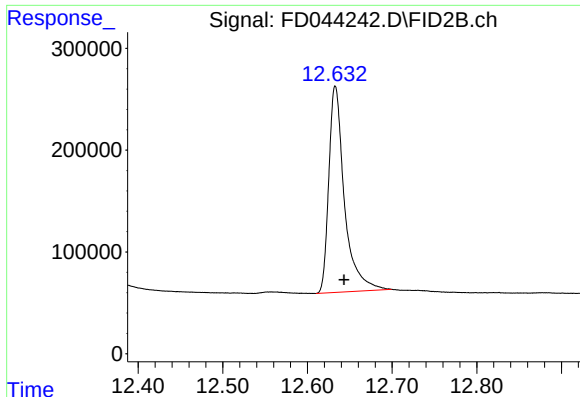
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.007 min
Response: 3571729
Conc: 21.10 ug/ml



#12 Fluoranthene (C21.85)

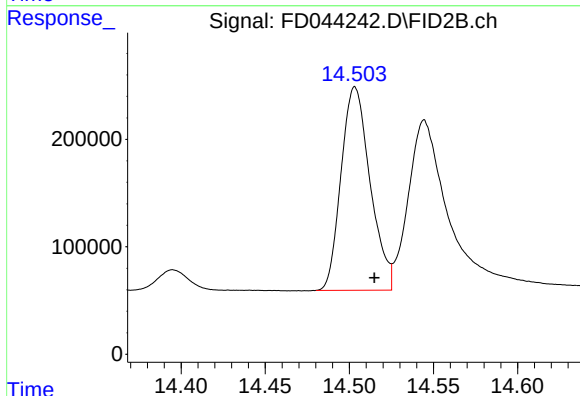
R.T.: 12.339 min
Delta R.T.: -0.010 min
Response: 2858630
Conc: 21.41 ug/ml



#13 Pyrene (C20.8)

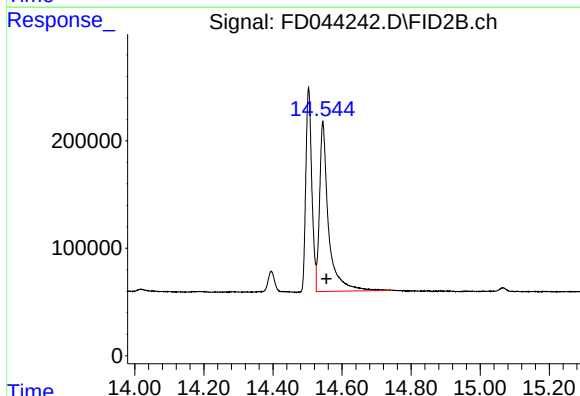
R.T.: 12.633 min
Delta R.T.: -0.010 min
Response: 2598019
Conc: 20.57 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



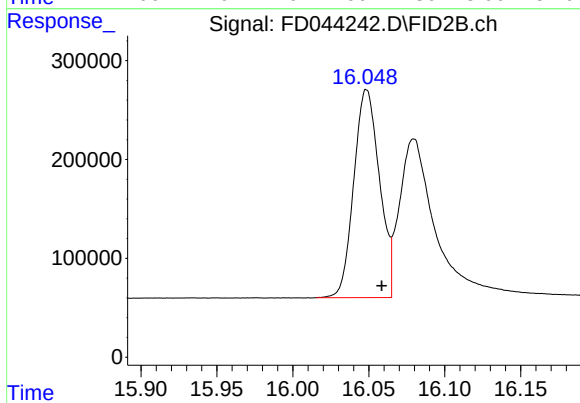
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: -0.011 min
Response: 2274769
Conc: 21.42 ug/ml



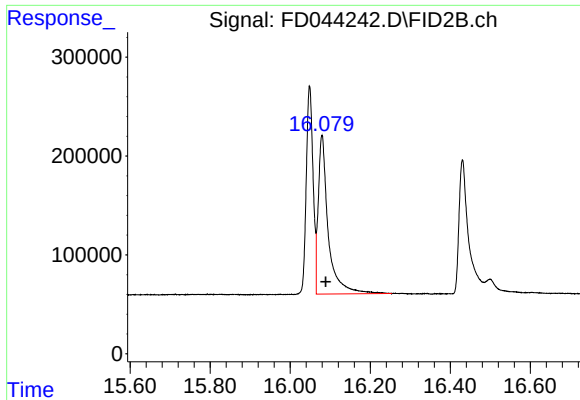
#15 Chrysene (C27.41)

R.T.: 14.545 min
Delta R.T.: -0.010 min
Response: 2864482
Conc: 21.85 ug/ml



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

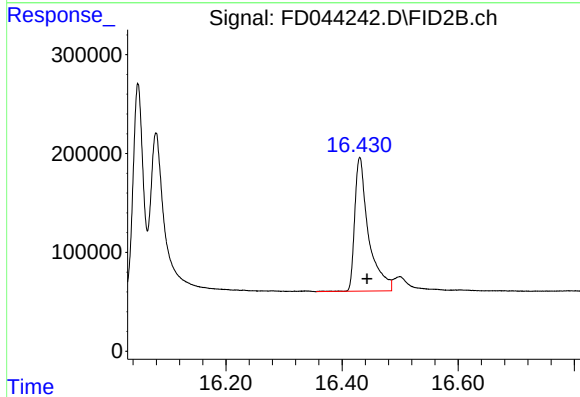
R.T.: 16.049 min
Delta R.T.: -0.010 min
Response: 2477239
Conc: 22.07 ug/ml



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

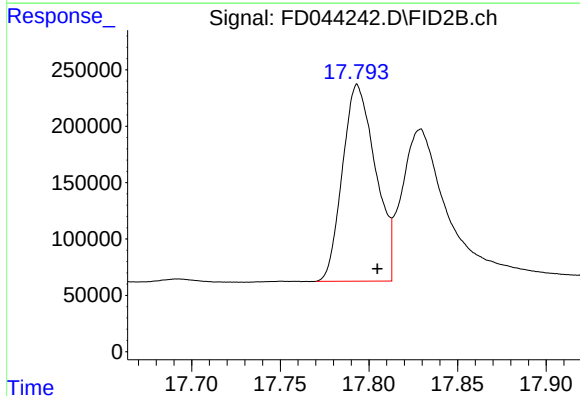
R.T.: 16.080 min
Delta R.T.: -0.009 min
Response: 2794206
Conc: 21.96 ug/ml

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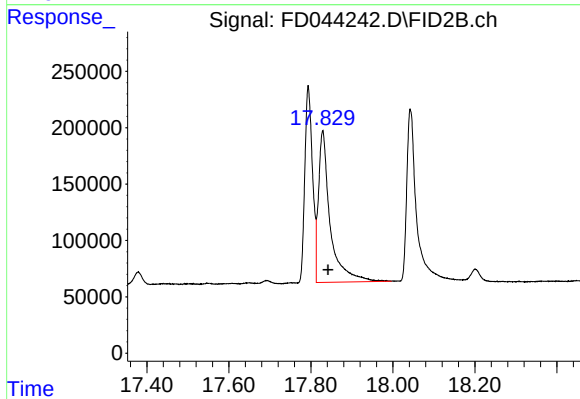
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min
Delta R.T.: -0.013 min
Response: 2235337
Conc: 19.24 ug/ml



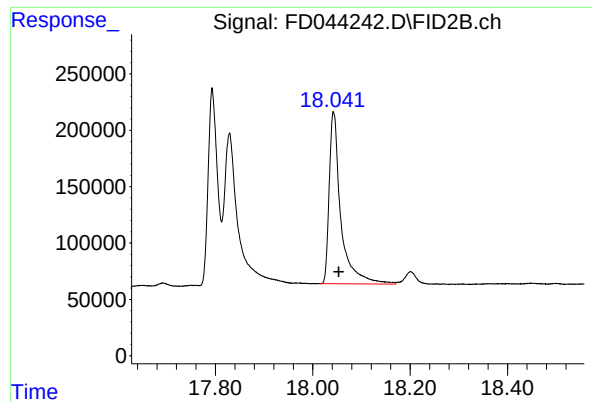
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 2263000
Conc: 21.23 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.013 min
Response: 2668450
Conc: 21.57 ug/ml



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

R.T.: 18.043 min
Delta R.T.: -0.011 min
Response: 2530694
Conc: 21.56 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD