

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102722AR\
 Data File : FD044291.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2022 22:16
 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 28 07:16:17 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...	7.412	2648589	21.333 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
6) S 2-Fluorobiphenyl (SURR)	8.271	1535676	20.395 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.79%
11) S ortho-Terphenyl (SURR)	11.293	3645597	21.538 ug/ml
Spiked Amount 50.000		Recovery =	43.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	3119770	22.103 ug/ml
2) T Naphthalene (C11.7)	5.755	3041649	22.187 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3093194	21.820 ug/ml
5) T Acenaphthylene (C15.06)	8.068	2938690	20.948 ug/ml
7) T Acenaphthene (C15.5)	8.358	3395177	21.833 ug/ml
8) T Flouorene (C16.55)	9.141	2982948	21.204 ug/ml
9) T Phenanthrene (C19.36)	10.532	2875389	21.351 ug/ml
10) T Anthracene (C19.43)	10.611	2423721	18.038 ug/ml
12) T Fluoranthene (C21.85)	12.337	2937981	21.999 ug/ml
13) T Pyrene (C20.8)	12.631	2617871	20.726 ug/ml
14) T Benzo[a]anthracene (C...	14.501	2334452	21.978 ug/ml
15) T Chrysene (C27.41)	14.543	3004745	22.922 ug/ml
16) T benzo[b]fluoranthene ...	16.047	2559461	22.806 ug/ml
17) T Bnezo[k]fluoranthene ...	16.078	2948927	23.178 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	2166584	18.645 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.793	2350108	22.044 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	2735490	22.111 ug/ml
21) T Benzo[g,h,i]perylene ...	18.041	2604448	22.185 ug/ml

(f)=RT Delta > 1/2 Window

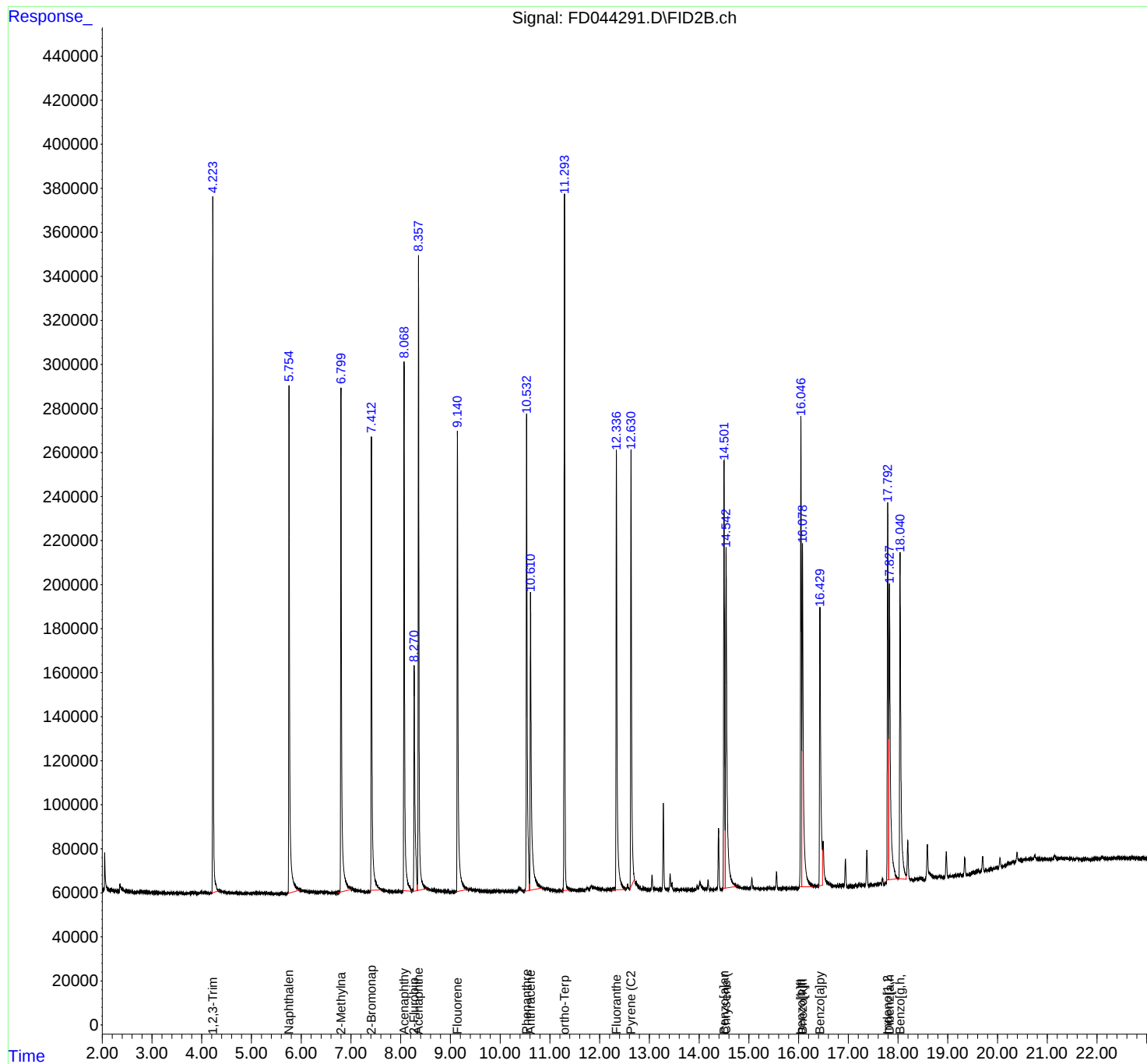
(m)=manual int.

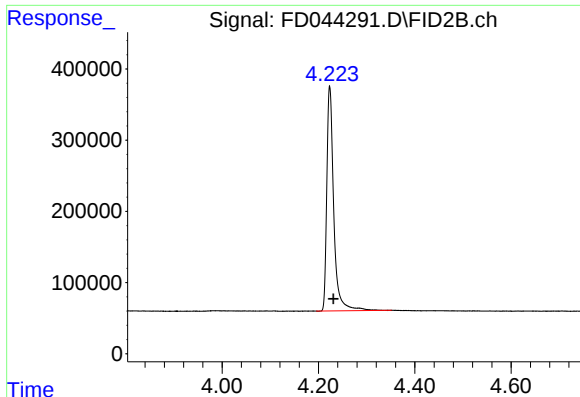
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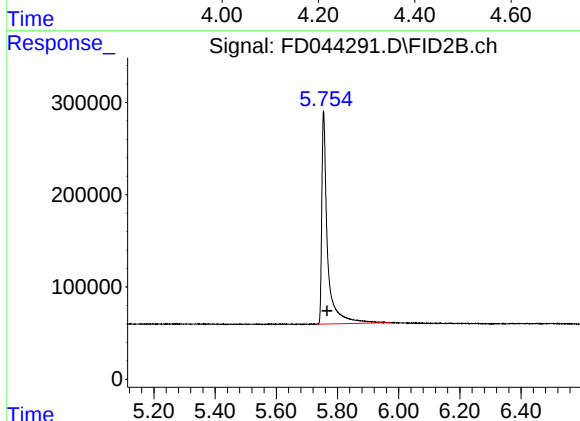




#1 1,2,3-Trimethylbenzene (C10.1)

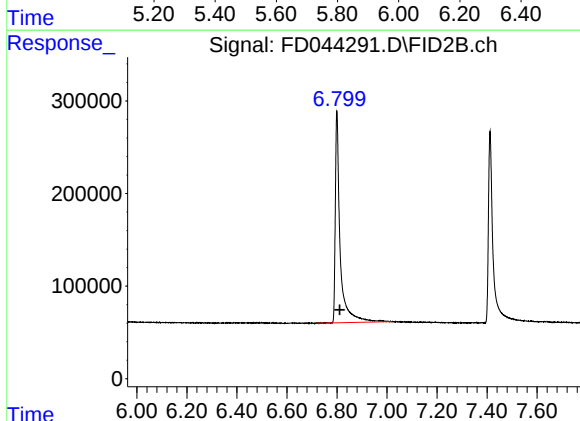
R.T.: 4.224 min
Delta R.T.: -0.007 min
Response: 3119770
Conc: 22.10 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



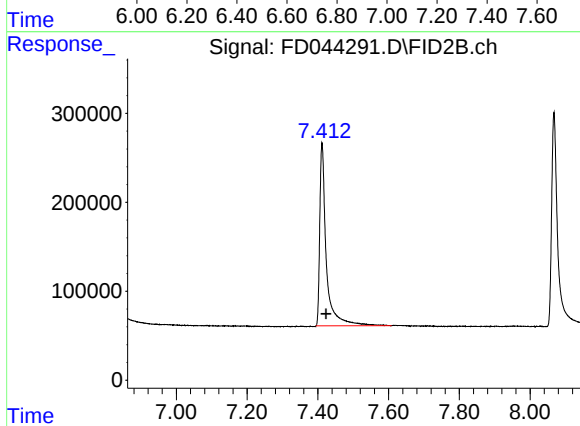
#2 Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.011 min
Response: 3041649
Conc: 22.19 ug/ml



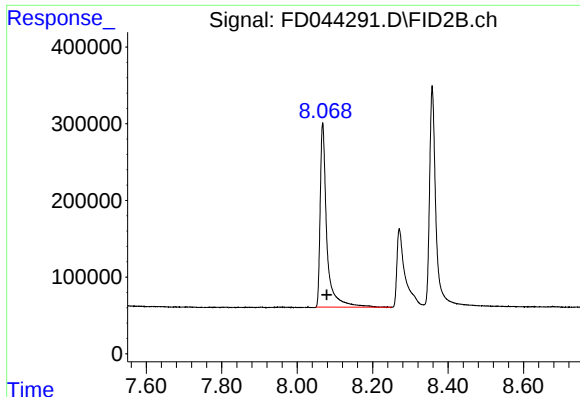
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.011 min
Response: 3093194
Conc: 21.82 ug/ml



#4 2-Bromonaphthalene (SURR)

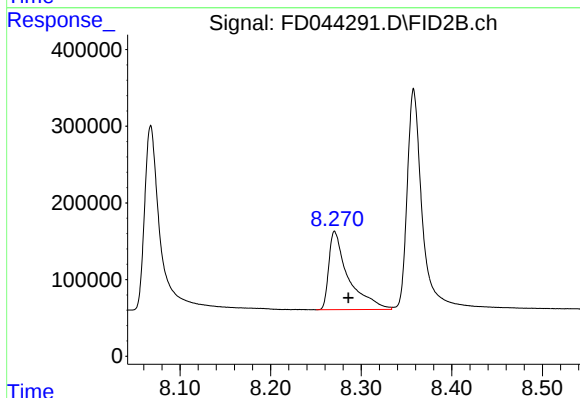
R.T.: 7.412 min
Delta R.T.: -0.011 min
Response: 2648589
Conc: 21.33 ug/ml



#5 Acenaphthylene (C15.06)

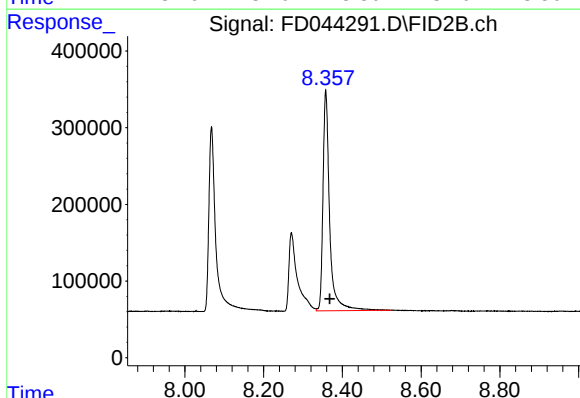
R.T.: 8.068 min
Delta R.T.: -0.010 min
Response: 2938690
Conc: 20.95 ug/ml

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20 PPM AROMATIC HC STD



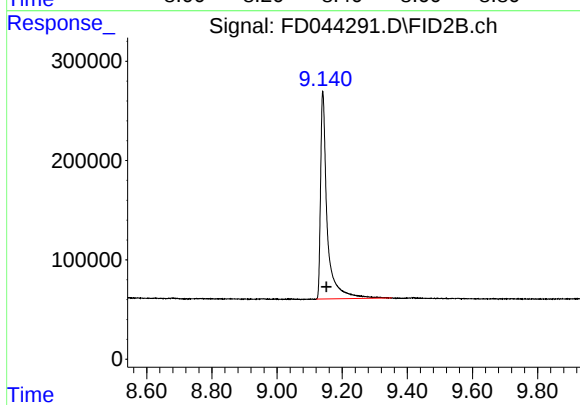
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.271 min
Delta R.T.: -0.015 min
Response: 1535676
Conc: 20.39 ug/ml



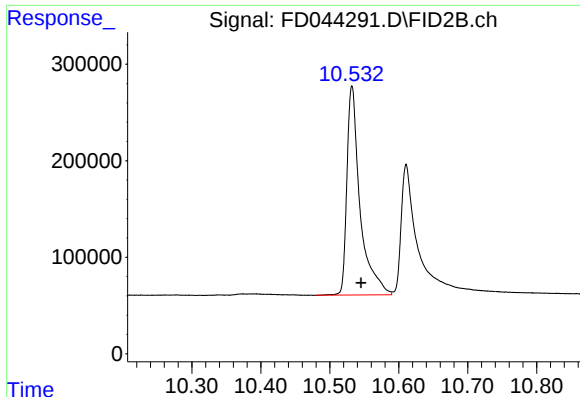
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.010 min
Response: 3395177
Conc: 21.83 ug/ml



#8 Fluorene (C16.55)

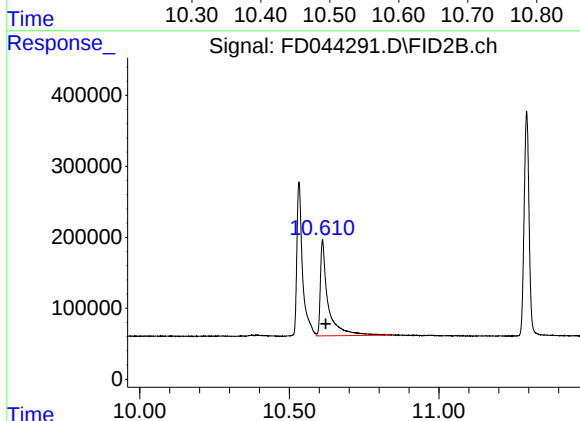
R.T.: 9.141 min
Delta R.T.: -0.011 min
Response: 2982948
Conc: 21.20 ug/ml



#9 Phenanthrene (C19.36)

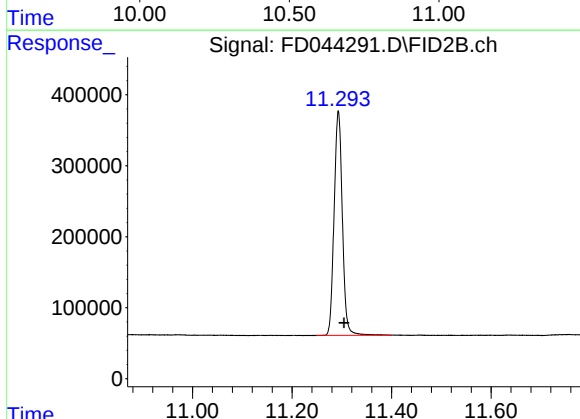
R.T.: 10.532 min
Delta R.T.: -0.013 min
Response: 2875389
Conc: 21.35 ug/ml

Instrument :
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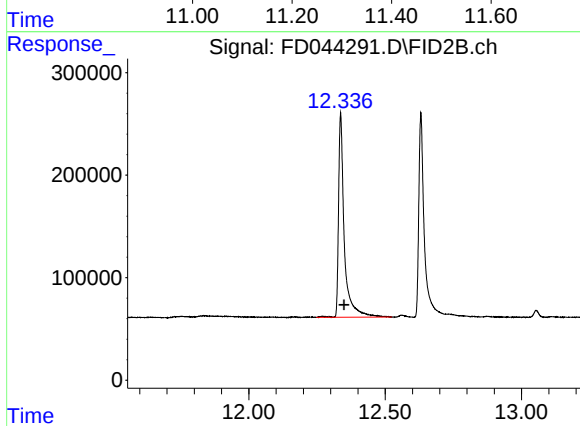
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: -0.011 min
Response: 2423721
Conc: 18.04 ug/ml



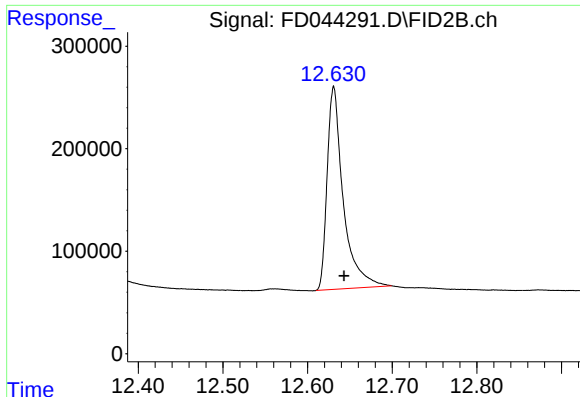
#11 ortho-Terphenyl (SURR)

R.T.: 11.293 min
Delta R.T.: -0.011 min
Response: 3645597
Conc: 21.54 ug/ml



#12 Fluoranthene (C21.85)

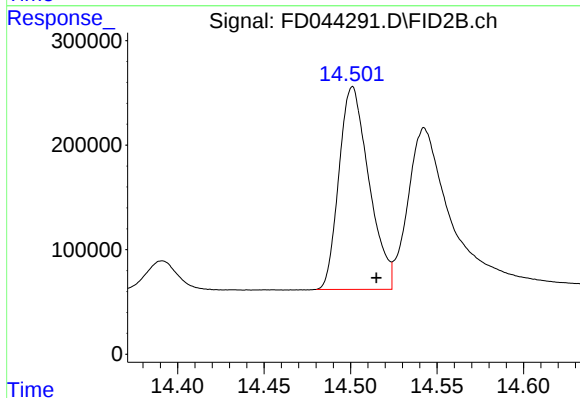
R.T.: 12.337 min
Delta R.T.: -0.012 min
Response: 2937981
Conc: 22.00 ug/ml



#13 Pyrene (C20.8)

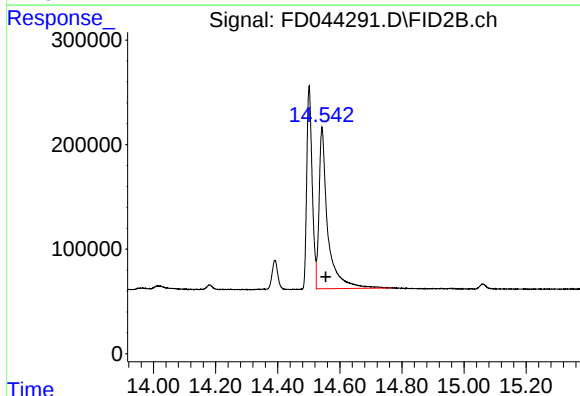
R.T.: 12.631 min
Delta R.T.: -0.012 min
Response: 2617871
Conc: 20.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



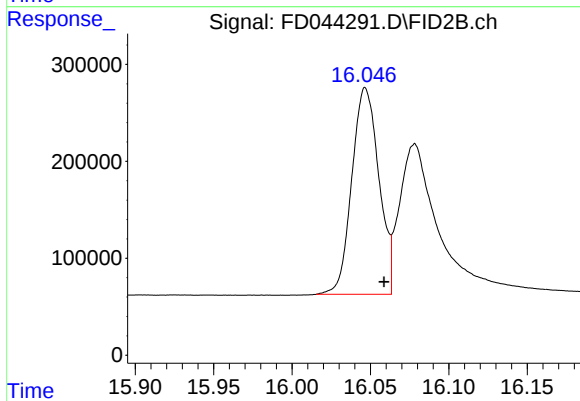
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.014 min
Response: 2334452
Conc: 21.98 ug/ml



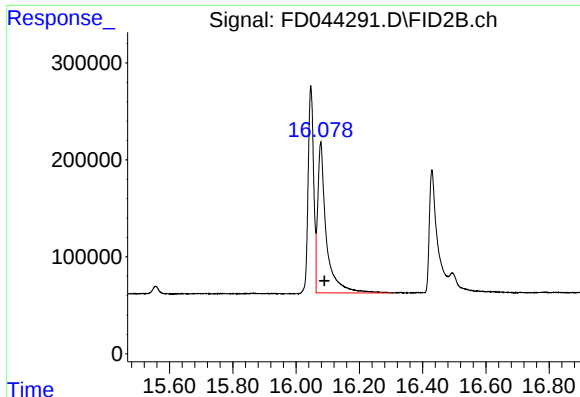
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.012 min
Response: 3004745
Conc: 22.92 ug/ml



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

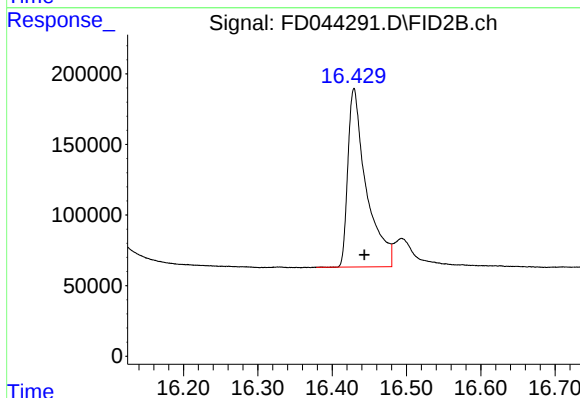
R.T.: 16.047 min
Delta R.T.: -0.012 min
Response: 2559461
Conc: 22.81 ug/ml



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

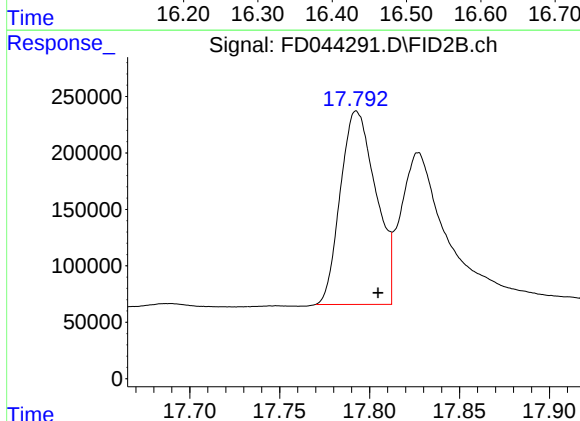
R.T.: 16.078 min
Delta R.T.: -0.011 min
Response: 2948927
Conc: 23.18 ug/ml

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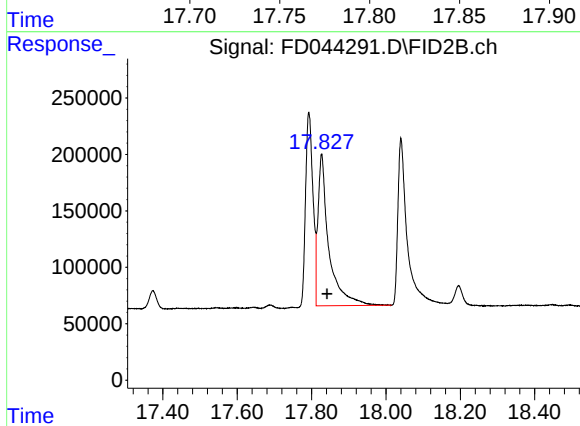
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.014 min
Response: 2166584
Conc: 18.65 ug/ml



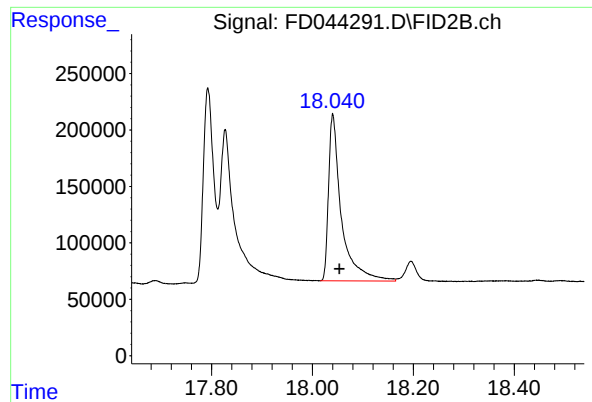
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: -0.012 min
Response: 2350108
Conc: 22.04 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.014 min
Response: 2735490
Conc: 22.11 ug/ml



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

R.T.: 18.041 min
Delta R.T.: -0.013 min
Response: 2604448
Conc: 22.18 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD