

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044809.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 14:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 17 01:28:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.659	2939420	20.384 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
6) S 2-Fluorobiphenyl (SURR)	8.516	1961385	20.206 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.41%
11) S ortho-Terphenyl (SURR)	11.545	3692297	20.493 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	3326263	20.673 ug/ml
2) T Naphthalene (C11.7)	6.009	3430584	20.439 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	3417937	20.328 ug/ml
5) T Acenaphthylene (C15.06)	8.321	3112986	20.524 ug/ml
7) T Acenaphthene (C15.5)	8.615	3286038	20.270 ug/ml
8) T Flouorene (C16.55)	9.391	3209248	20.136 ug/ml
9) T Phenanthrene (C19.36)	10.779	3170501	20.203 ug/ml
10) T Anthracene (C19.43)	10.853	3017888	23.999 ug/ml
12) T Fluoranthene (C21.85)	12.580	3192405	20.329 ug/ml
13) T Pyrene (C20.8)	12.875	3141112	20.519 ug/ml
14) T Benzo[a]anthracene (C...	14.735	2908842	20.458 ug/ml
15) T Chrysene (C27.41)	14.777	3025453	19.952 ug/ml
16) T benzo[b]fluoranthene ...	16.275	2896359	19.258 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2903678	19.166 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	2764601	19.055 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	2390910	16.907 ug/ml
20) T Dibenz[a,h]anthracene...	18.047	2516078	17.164 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2534780	17.843 ug/ml

(f)=RT Delta > 1/2 Window

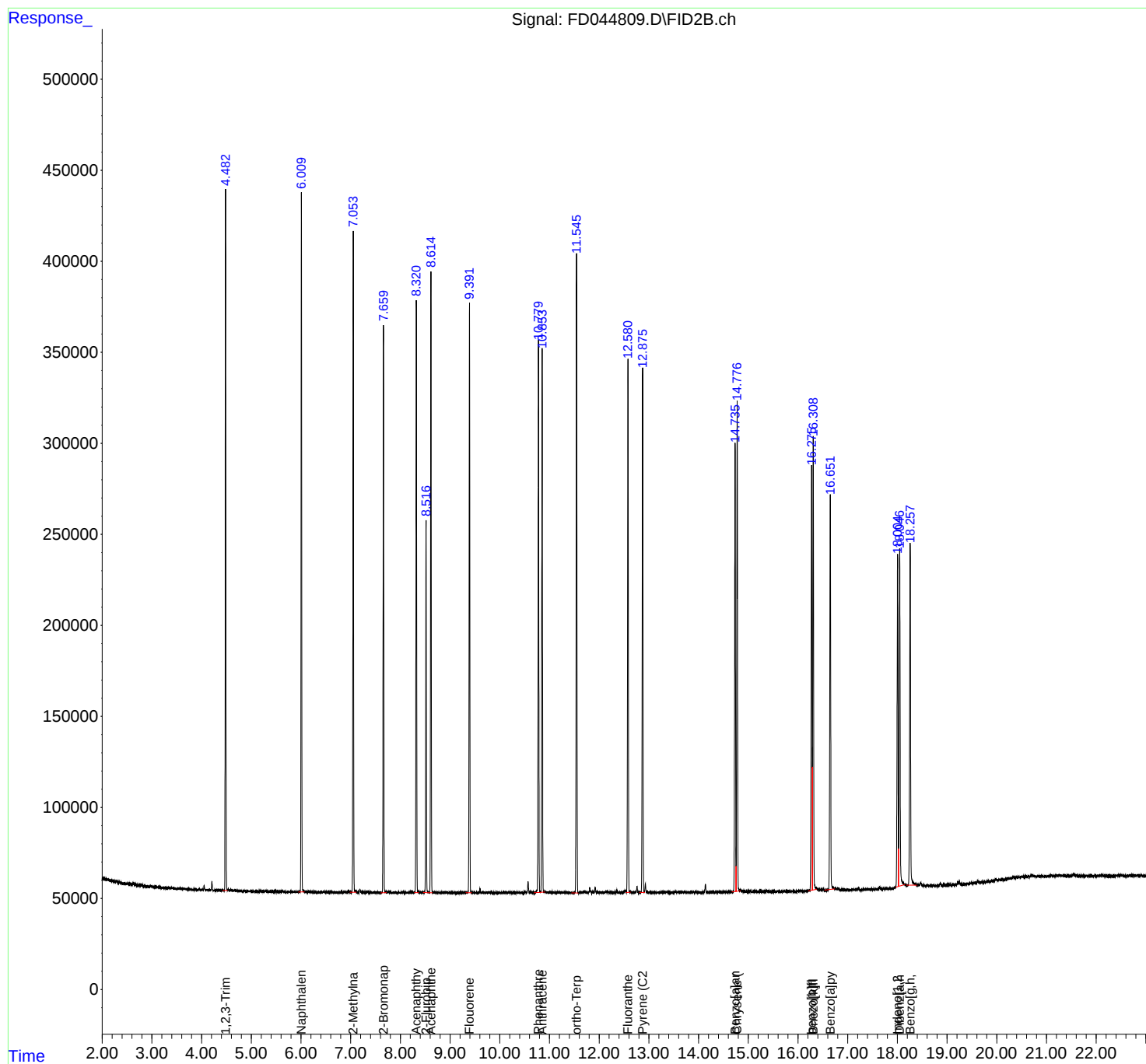
(m)=manual int.

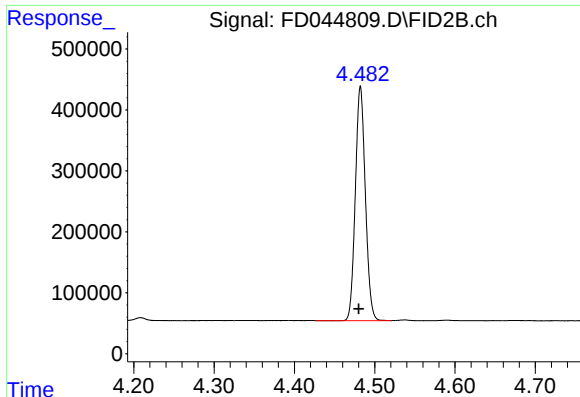
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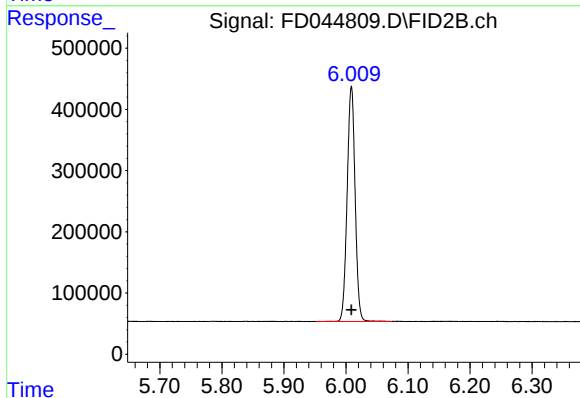




#1 1,2,3-Trimethylbenzene (C10.1)

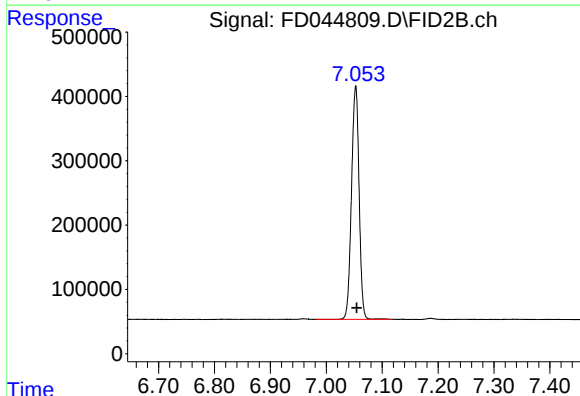
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 3326263
Conc: 20.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



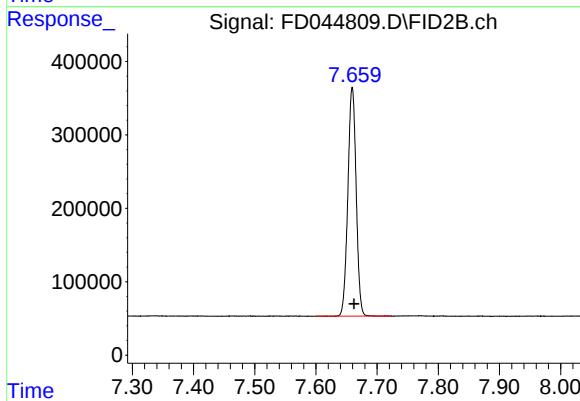
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 3430584
Conc: 20.44 ug/ml



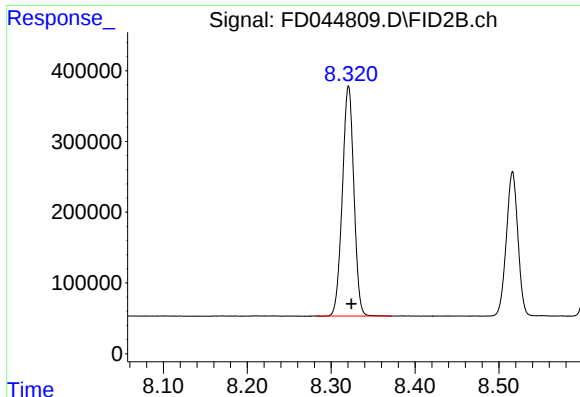
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 3417937
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

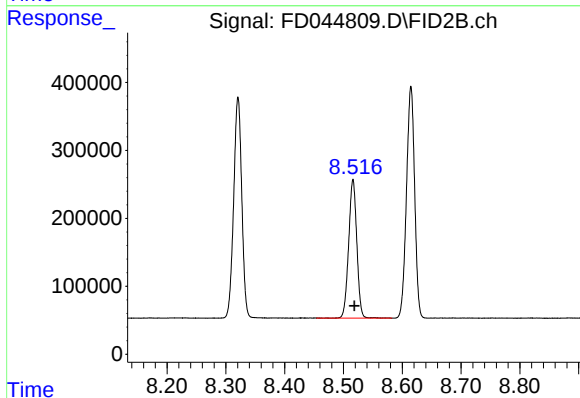
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 2939420
Conc: 20.38 ug/ml



#5 Acenaphthylene (C15.06)

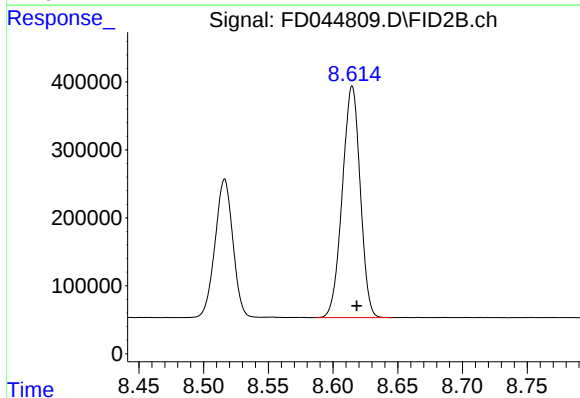
R.T.: 8.321 min
Delta R.T.: -0.003 min
Response: 3112986
Conc: 20.52 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



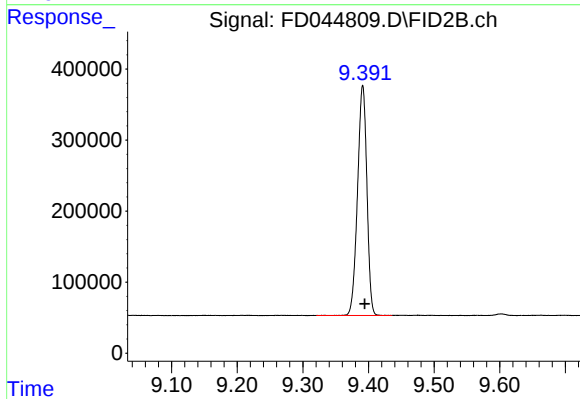
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 1961385
Conc: 20.21 ug/ml



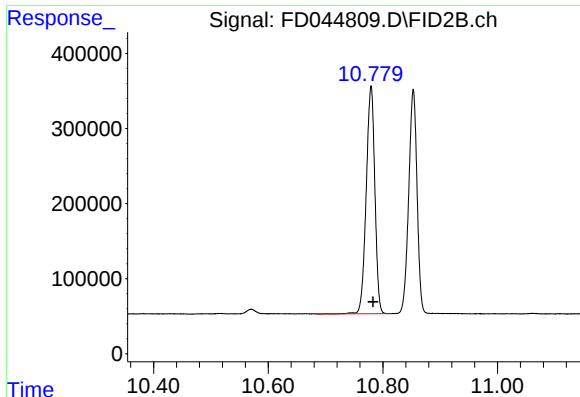
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.004 min
Response: 3286038
Conc: 20.27 ug/ml



#8 Fluorene (C16.55)

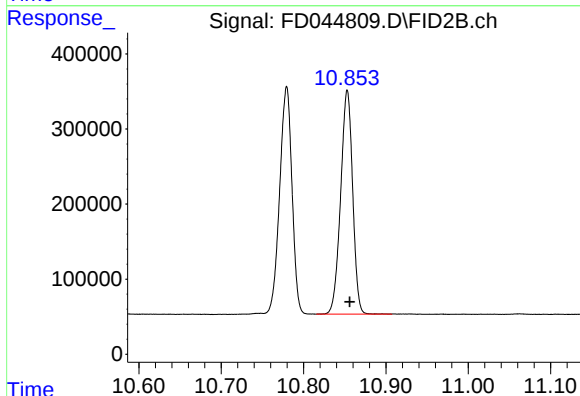
R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 3209248
Conc: 20.14 ug/ml



#9 Phenanthrene (C19.36)

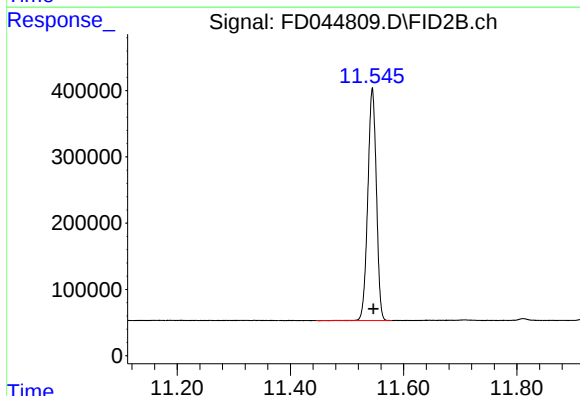
R.T.: 10.779 min
Delta R.T.: -0.004 min
Response: 3170501
Conc: 20.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



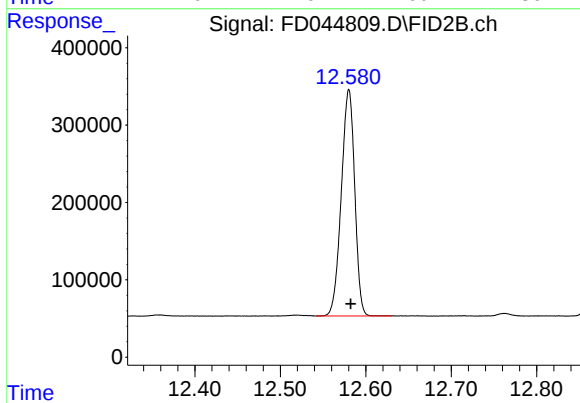
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.003 min
Response: 3017888
Conc: 24.00 ug/ml



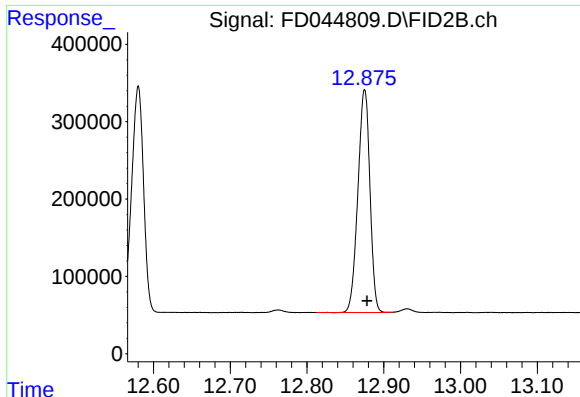
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 3692297
Conc: 20.49 ug/ml



#12 Fluoranthene (C21.85)

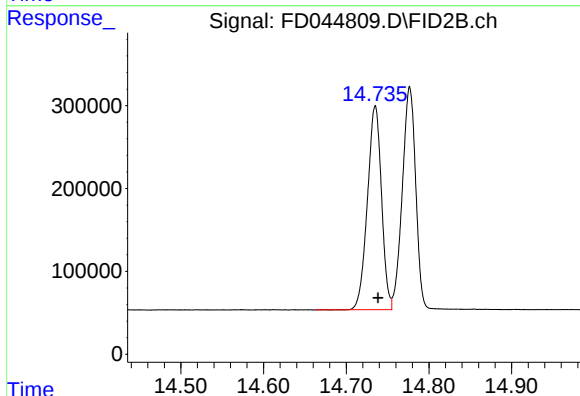
R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 3192405
Conc: 20.33 ug/ml



#13 Pyrene (C20.8)

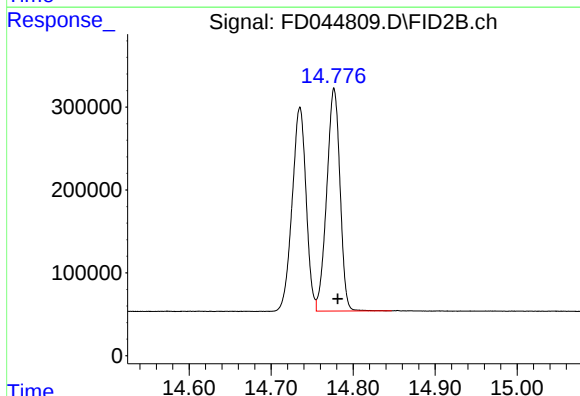
R.T.: 12.875 min
Delta R.T.: -0.003 min
Response: 3141112
Conc: 20.52 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



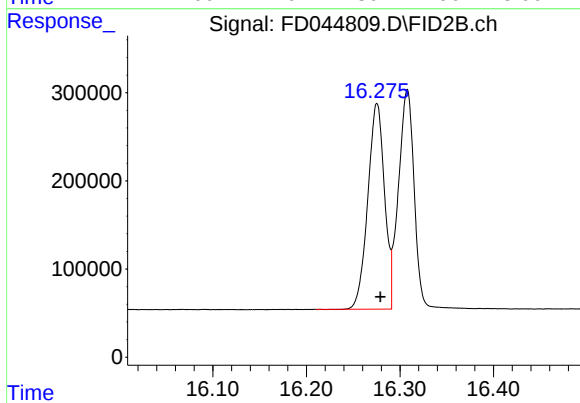
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.004 min
Response: 2908842
Conc: 20.46 ug/ml



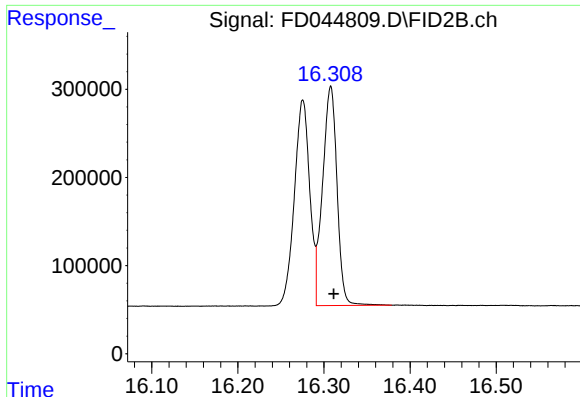
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.004 min
Response: 3025453
Conc: 19.95 ug/ml



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

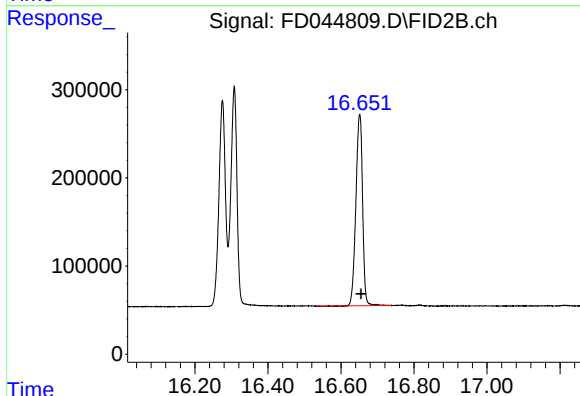
R.T.: 16.275 min
Delta R.T.: -0.004 min
Response: 2896359
Conc: 19.26 ug/ml



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

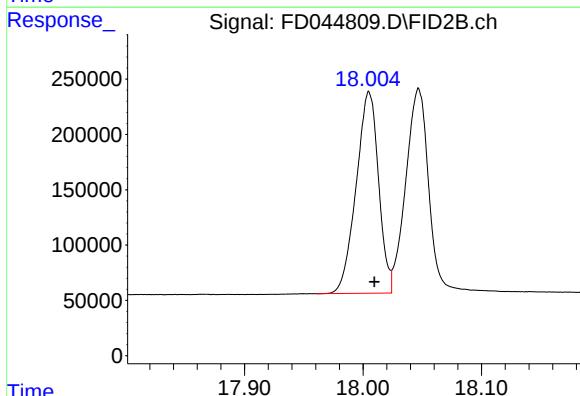
R.T.: 16.308 min
Delta R.T.: -0.004 min
Response: 2903678
Conc: 19.17 ug/ml

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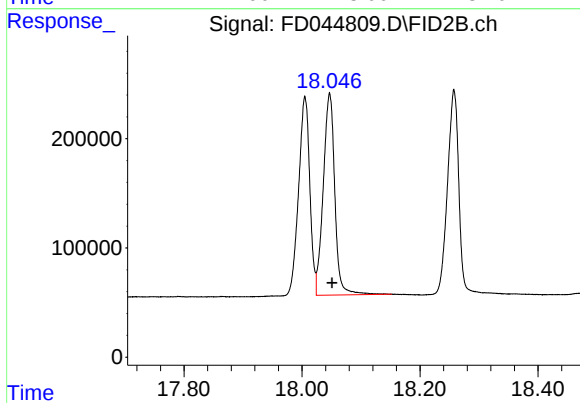
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.004 min
Response: 2764601
Conc: 19.06 ug/ml



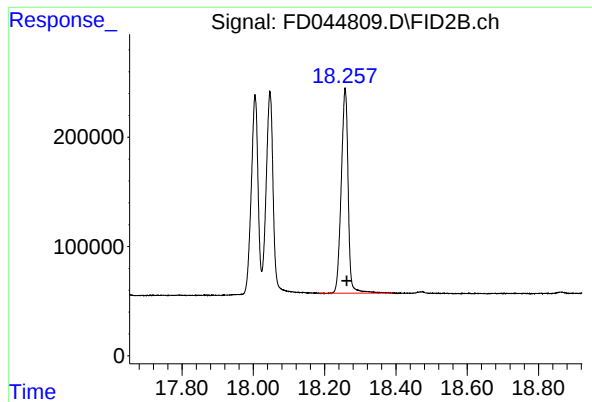
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.005 min
Response: 2390910
Conc: 16.91 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.004 min
Response: 2516078
Conc: 17.16 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.004 min
Response: 2534780
Conc: 17.84 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD