

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047451.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 13:29
 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 29 15:44:17 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...	7.457	3038304	18.396 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
6) S 2-Fluorobiphenyl (SURR)	8.309	2004963	18.843 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.69%
11) S ortho-Terphenyl (SURR)	11.346	3530870	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	3147797	17.712 ug/ml
2) T Naphthalene (C11.7)	5.798	3302480	18.109 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	3324083	18.226 ug/ml
5) T Acenaphthylene (C15.06)	8.113	3054678	18.322 ug/ml
7) T Acenaphthene (C15.5)	8.407	3277558	18.603 ug/ml
8) T Fluorene (C16.55)	9.186	3161685	18.770 ug/ml
9) T Phenanthrene (C19.36)	10.573	3056407	18.872 ug/ml
10) T Anthracene (C19.43)	10.647	2449089	16.641 ug/ml
12) T Fluoranthene (C21.85)	12.376	3055174	19.164 ug/ml
13) T Pyrene (C20.8)	12.670	2958402	19.122 ug/ml
14) T Benzo[a]anthracene (C...	14.534	2632518	19.419 ug/ml
15) T Chrysene (C27.41)	14.576	2889568	19.466 ug/ml
16) T benzo[b]fluoranthene ...	16.077	2781712	19.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	2830870	19.990 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.452	2689622	19.471 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	2641049	21.131 ug/ml
20) T Dibenz[a,h]anthracene...	17.852	2906684	22.041 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	2711289	20.179 ug/ml

(f)=RT Delta > 1/2 Window

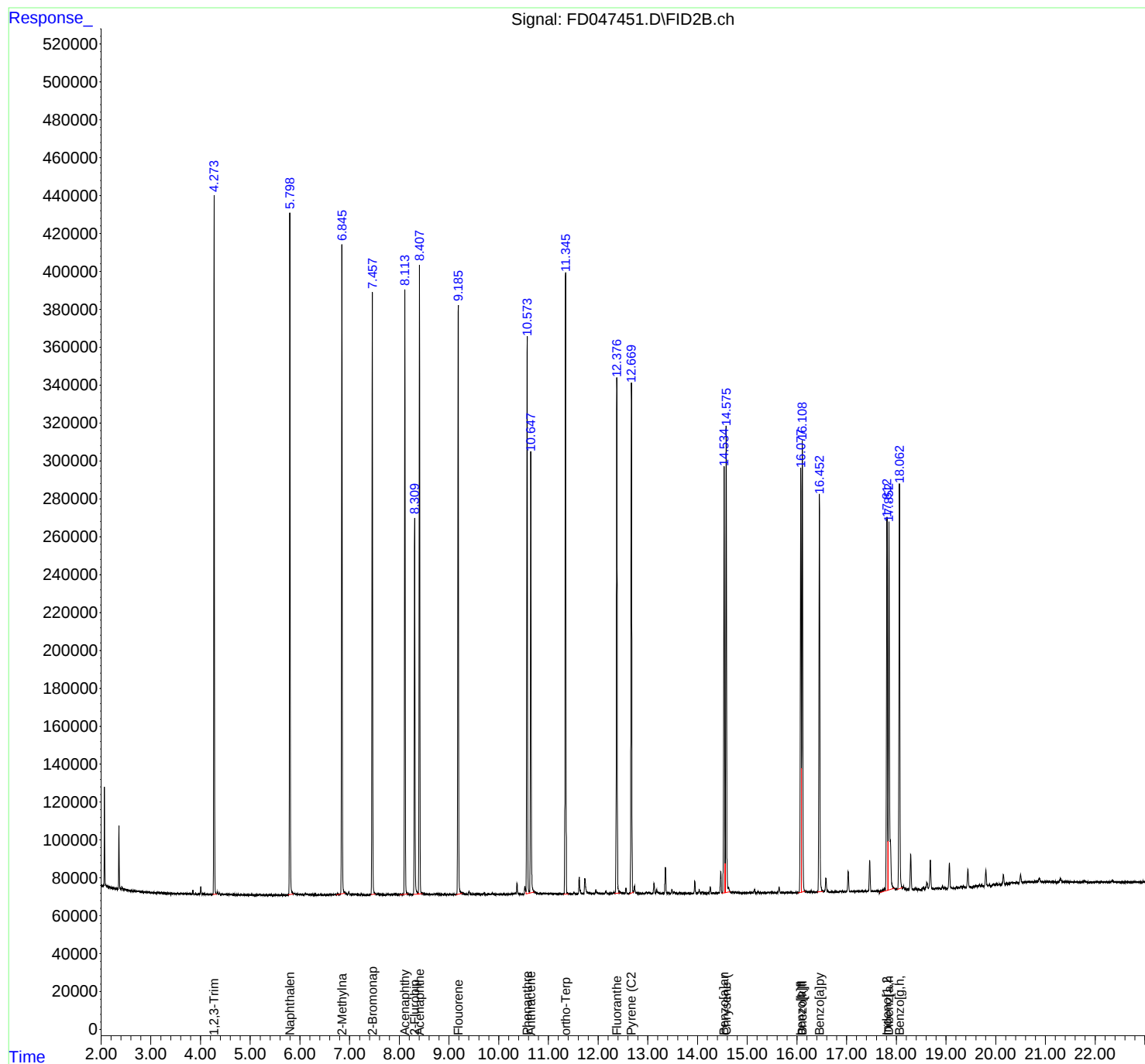
(m)=manual int.

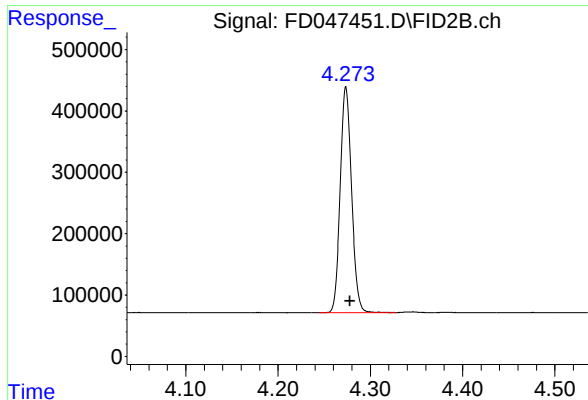
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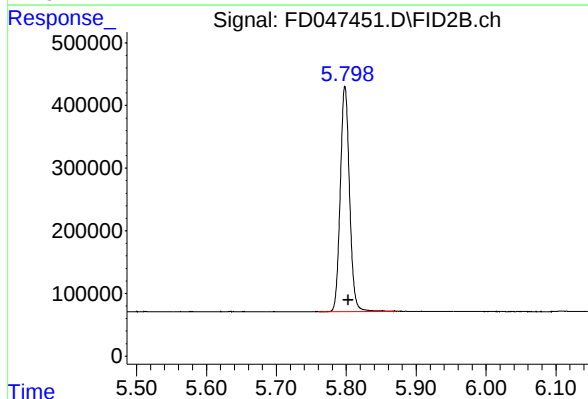




#1 1,2,3-Trimethylbenzene (C10.1)

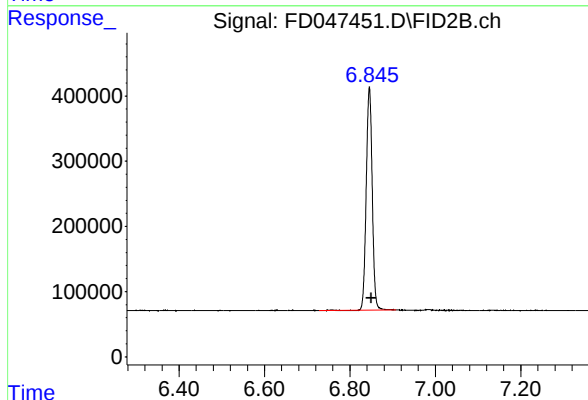
R.T.: 4.274 min
Delta R.T.: -0.004 min
Response: 3147797
Conc: 17.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



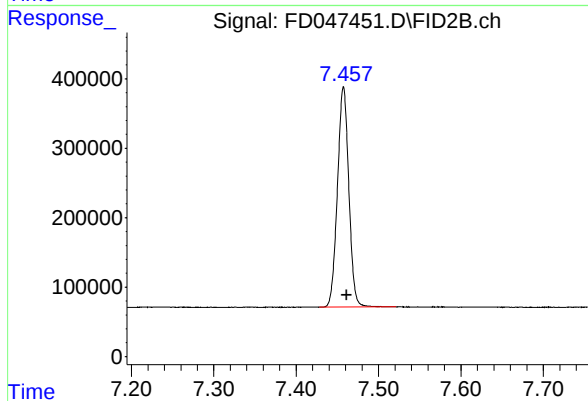
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.005 min
Response: 3302480
Conc: 18.11 ug/ml



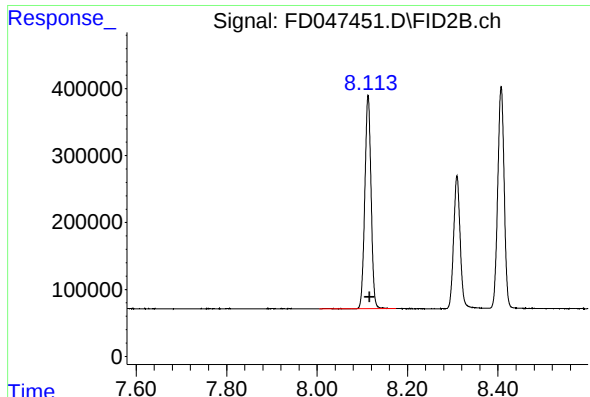
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: -0.005 min
Response: 3324083
Conc: 18.23 ug/ml



#4 2-Bromonaphthalene (SURR)

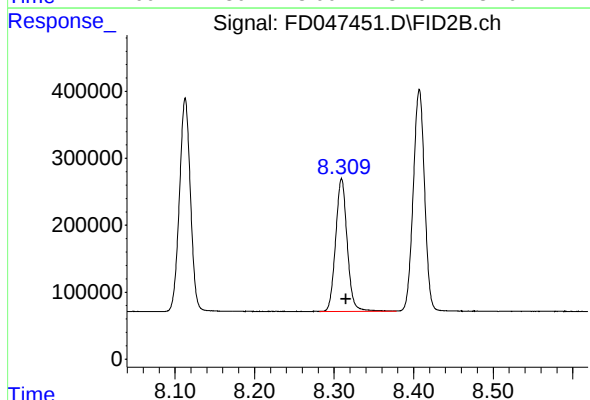
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 3038304
Conc: 18.40 ug/ml



#5 Acenaphthylene (C15.06)

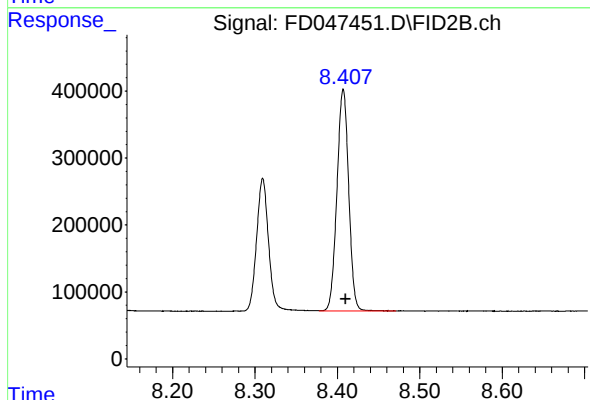
R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 3054678
Conc: 18.32 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



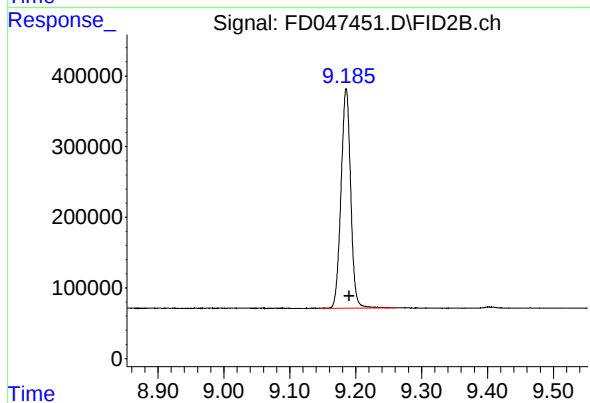
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.309 min
Delta R.T.: -0.005 min
Response: 2004963
Conc: 18.84 ug/ml



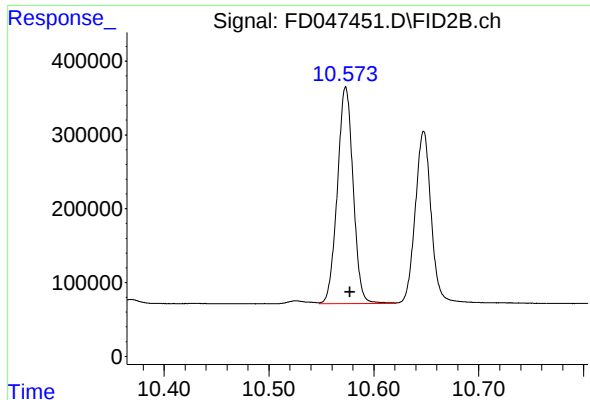
#7 Acenaphthene (C15.5)

R.T.: 8.407 min
Delta R.T.: -0.003 min
Response: 3277558
Conc: 18.60 ug/ml



#8 Flouorene (C16.55)

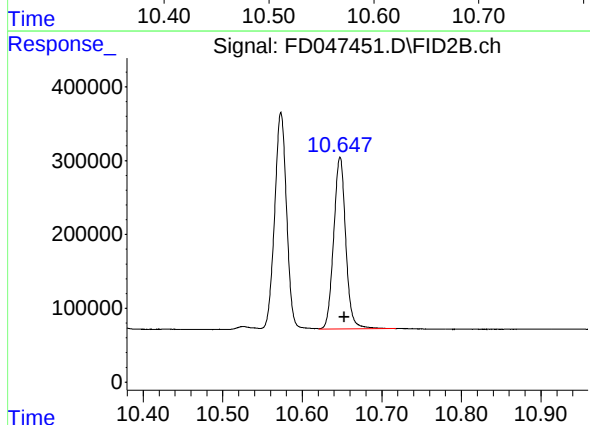
R.T.: 9.186 min
Delta R.T.: -0.004 min
Response: 3161685
Conc: 18.77 ug/ml



#9 Phenanthrene (C19.36)

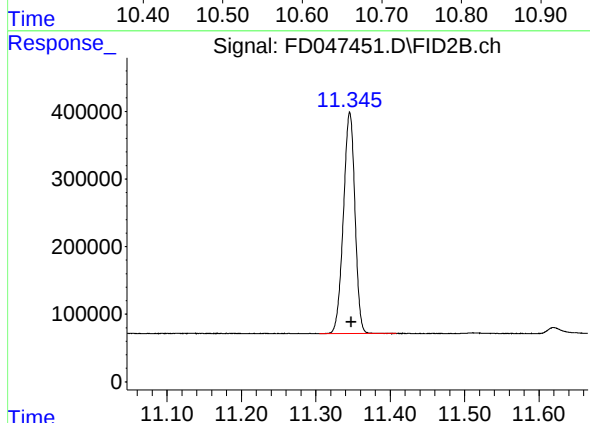
R.T.: 10.573 min
Delta R.T.: -0.004 min
Response: 3056407
Conc: 18.87 ug/ml

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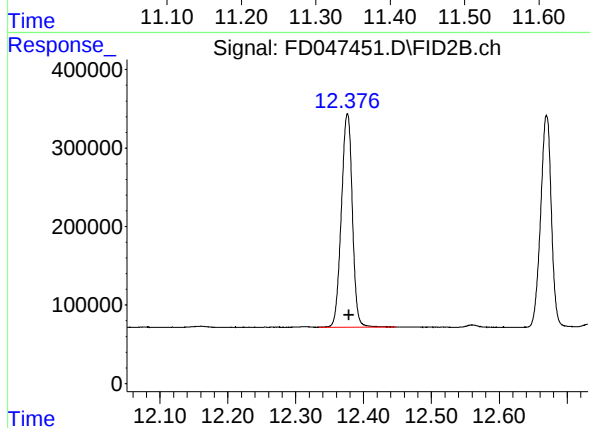
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: -0.005 min
Response: 2449089
Conc: 16.64 ug/ml



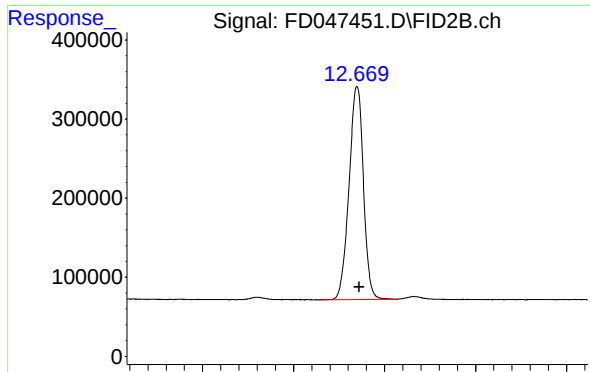
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.002 min
Response: 3530870
Conc: 18.92 ug/ml



#12 Fluoranthene (C21.85)

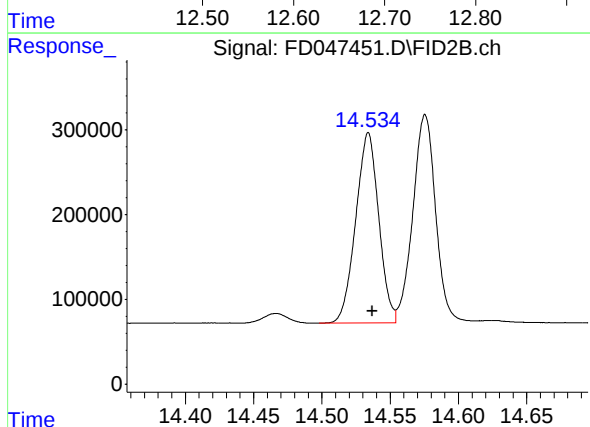
R.T.: 12.376 min
Delta R.T.: -0.002 min
Response: 3055174
Conc: 19.16 ug/ml



#13 Pyrene (C20.8)

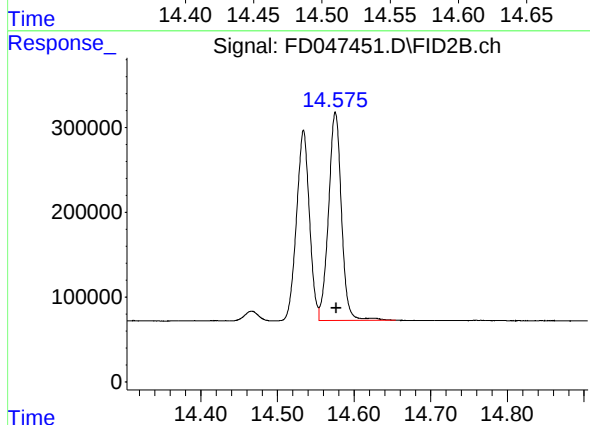
R.T.: 12.670 min
Delta R.T.: -0.003 min
Response: 2958402
Conc: 19.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



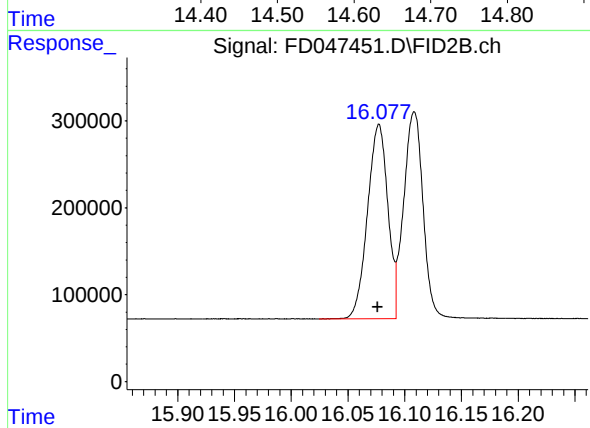
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.003 min
Response: 2632518
Conc: 19.42 ug/ml



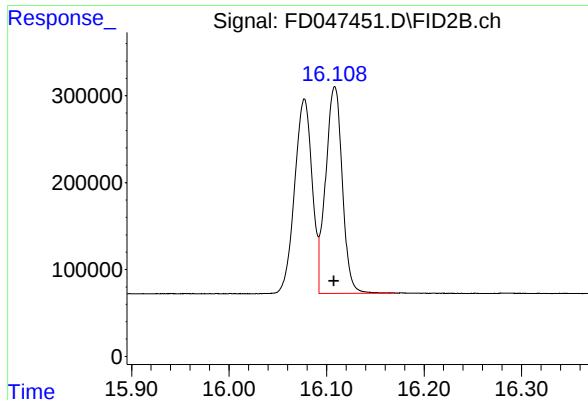
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: -0.001 min
Response: 2889568
Conc: 19.47 ug/ml



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

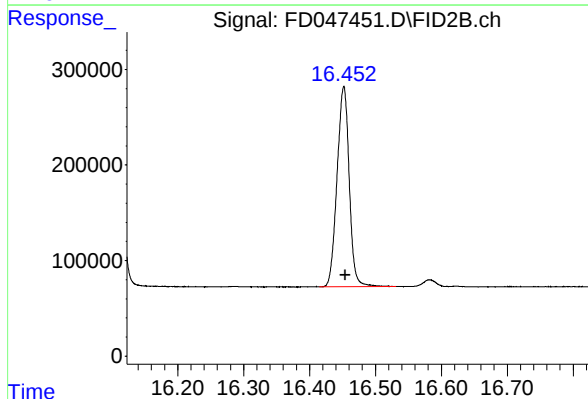
R.T.: 16.077 min
Delta R.T.: 0.001 min
Response: 2781712
Conc: 19.82 ug/ml



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

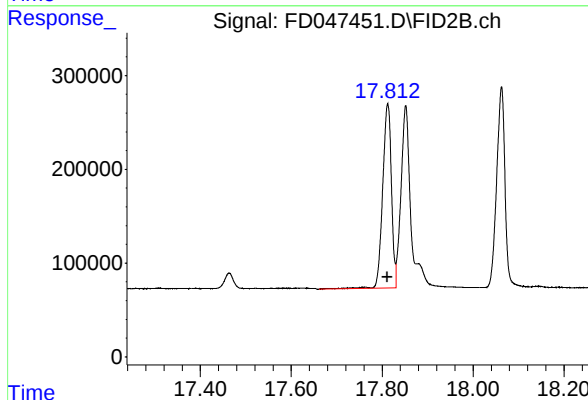
R.T.: 16.108 min
Delta R.T.: 0.000 min
Response: 2830870
Conc: 19.99 ug/ml

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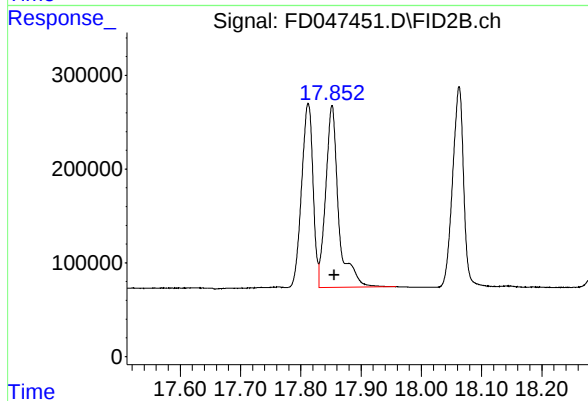
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.452 min
Delta R.T.: -0.003 min
Response: 2689622
Conc: 19.47 ug/ml



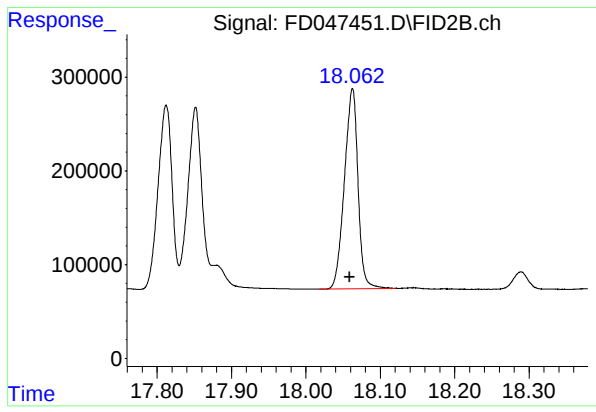
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.000 min
Response: 2641049
Conc: 21.13 ug/ml



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

R.T.: 17.852 min
Delta R.T.: -0.004 min
Response: 2906684
Conc: 22.04 ug/ml



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

R.T.: 18.062 min

Delta R.T.: 0.003 min

Response: 2711289

Conc: 20.18 ug/ml

Instrument :

FID_D

ClientSampleId :

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