

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111524AR\
 Data File : FD048754.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 21:22
 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: sample.E
 Quant Time: Nov 16 09:53:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.366	3533091	20.068 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
6) S 2-Fluorobiphenyl (SURR)	8.217	2319349	20.138 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.28%
11) S ortho-Terphenyl (SURR)	11.251	3870987	20.126 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	3819372	20.266 ug/ml
2) T Naphthalene (C11.7)	5.706	3922310	20.055 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	3851130	20.152 ug/ml
5) T Acenaphthylene (C15.06)	8.019	3950298	20.370 ug/ml
7) T Acenaphthene (C15.5)	8.313	3881778	20.181 ug/ml
8) T Fluorene (C16.55)	9.091	3867584	20.159 ug/ml
9) T Phenanthrene (C19.36)	10.479	3715259	20.268 ug/ml
10) T Anthracene (C19.43)	10.554	3706862	19.794 ug/ml
12) T Fluoranthene (C21.85)	12.283	3714946	20.287 ug/ml
13) T Pyrene (C20.8)	12.576	3649211	20.184 ug/ml
14) T Benzo[a]anthracene (C...	14.445	3352054	20.377 ug/ml
15) T Chrysene (C27.41)	14.487	3556734	20.323 ug/ml
16) T benzo[b]fluoranthene ...	15.992	3239822	20.620 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	3320225	20.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	3013429	20.211 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	2467462	19.975 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	3232653	20.615 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	2877266	20.165 ug/ml

(f)=RT Delta > 1/2 Window

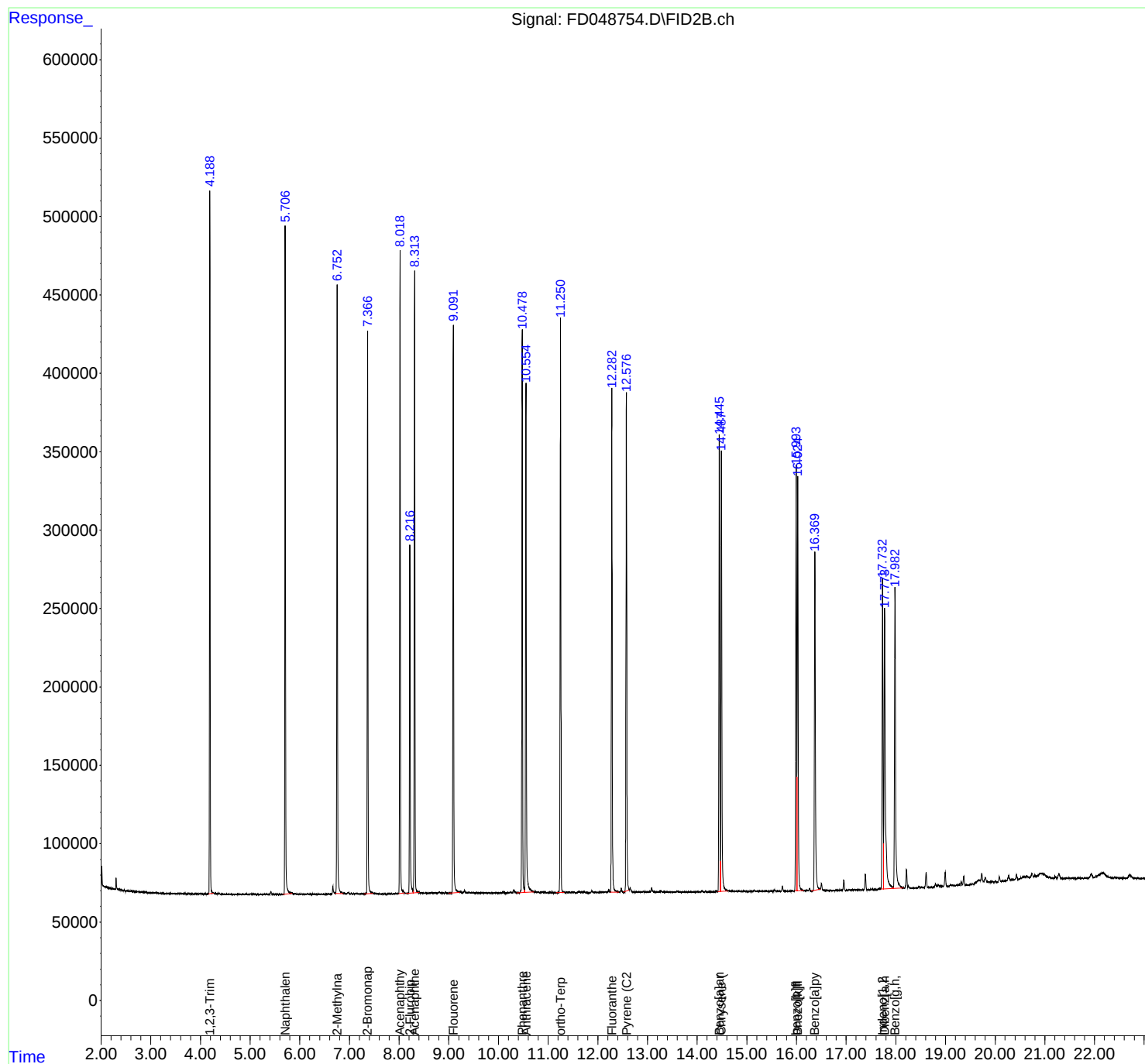
(m)=manual int.

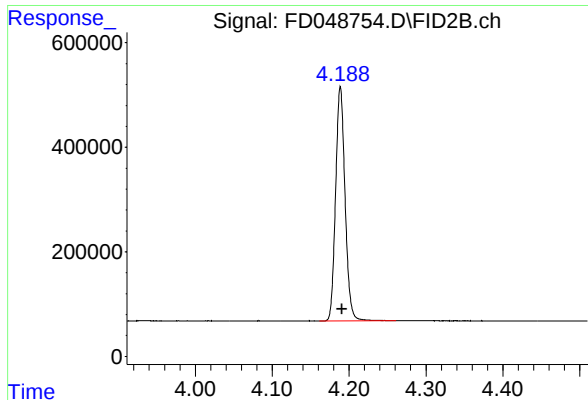
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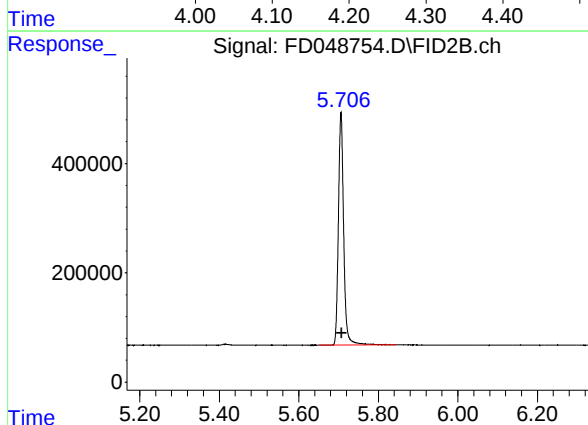




#1 1,2,3-Trimethylbenzene (C10.1)

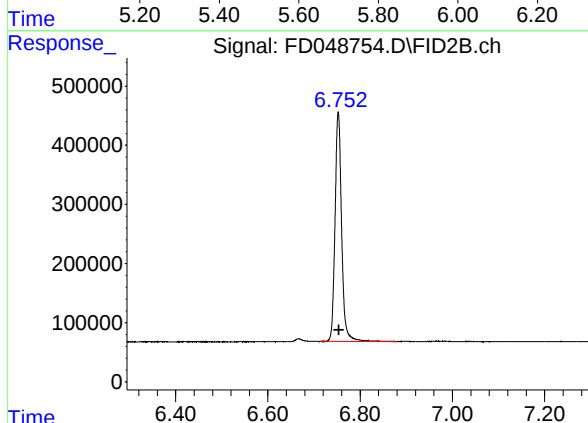
R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 3819372
Conc: 20.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



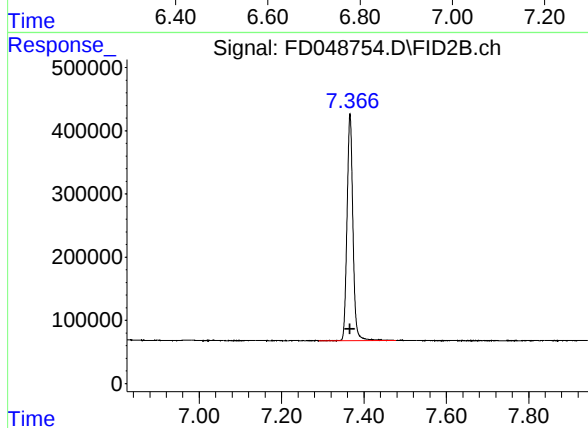
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 3922310
Conc: 20.06 ug/ml



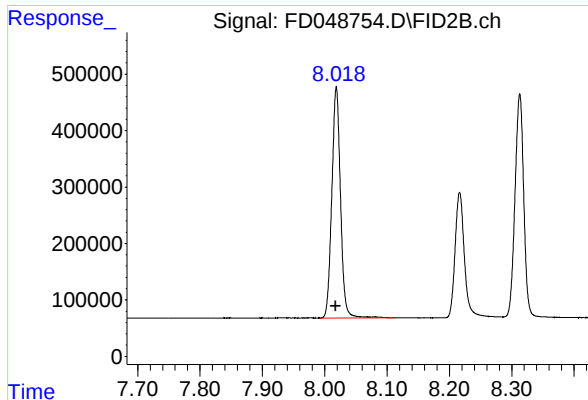
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 3851130
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

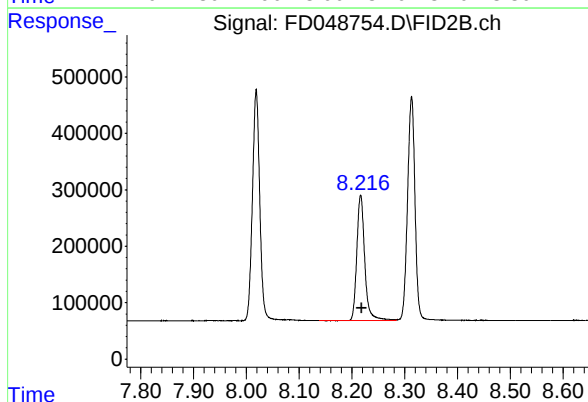
R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 3533091
Conc: 20.07 ug/ml



#5 Acenaphthylene (C15.06)

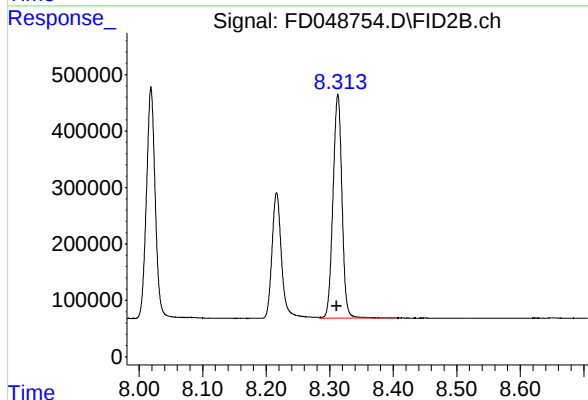
R.T.: 8.019 min
Delta R.T.: 0.001 min
Response: 3950298
Conc: 20.37 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



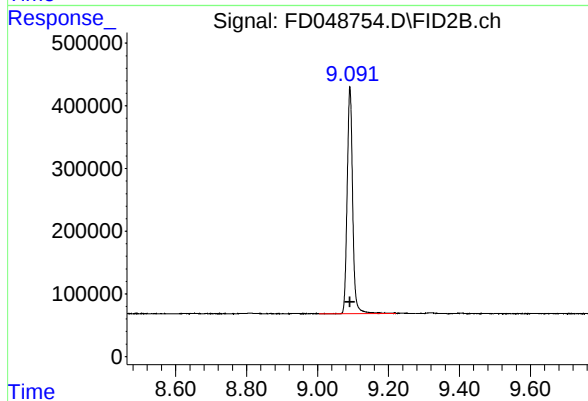
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 2319349
Conc: 20.14 ug/ml



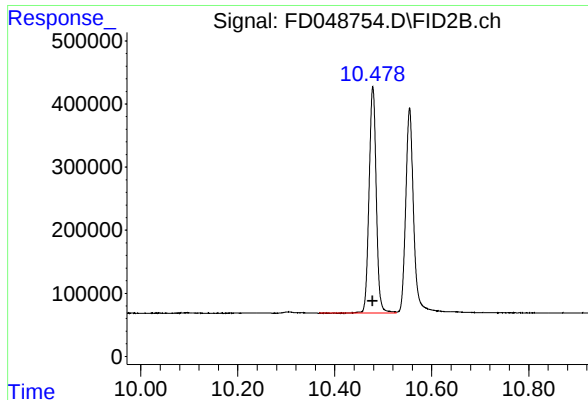
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: 0.002 min
Response: 3881778
Conc: 20.18 ug/ml



#8 Flouorene (C16.55)

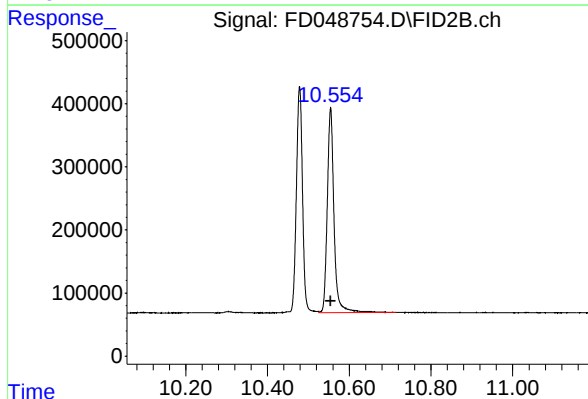
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 3867584
Conc: 20.16 ug/ml



#9 Phenanthrene (C19.36)

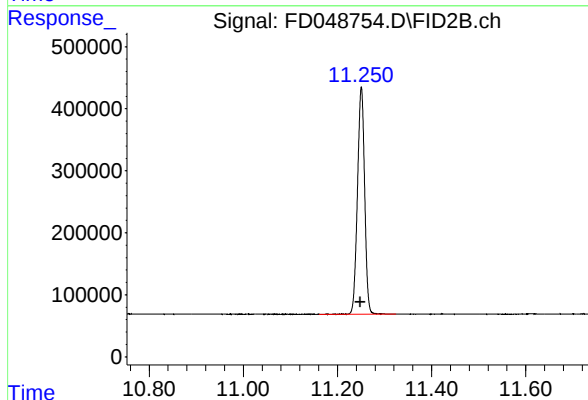
R.T.: 10.479 min
Delta R.T.: 0.000 min
Response: 3715259
Conc: 20.27 ug/ml

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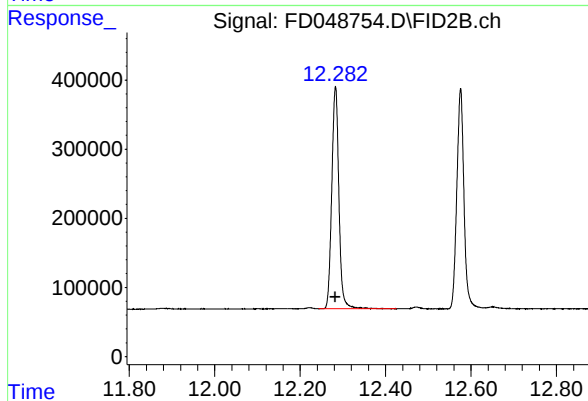
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.000 min
Response: 3706862
Conc: 19.79 ug/ml



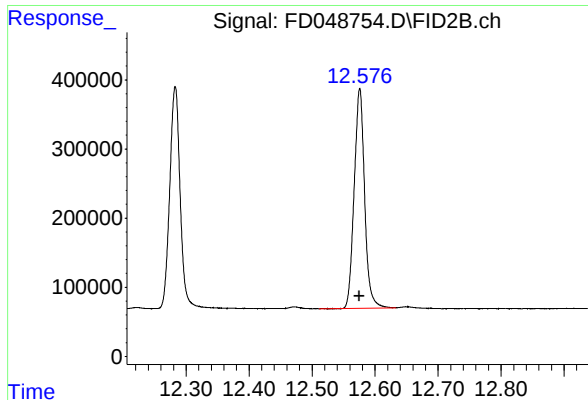
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.002 min
Response: 3870987
Conc: 20.13 ug/ml



#12 Fluoranthene (C21.85)

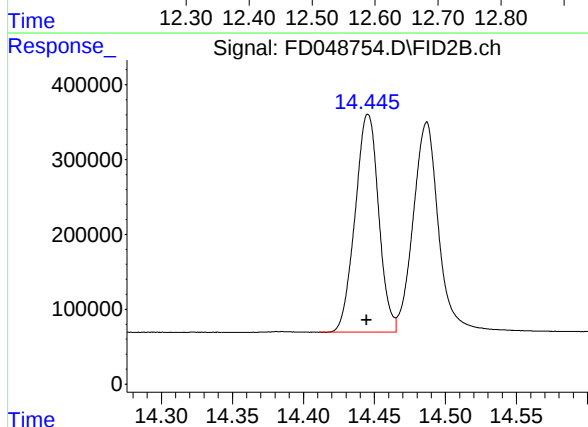
R.T.: 12.283 min
Delta R.T.: 0.000 min
Response: 3714946
Conc: 20.29 ug/ml



#13 Pyrene (C20.8)

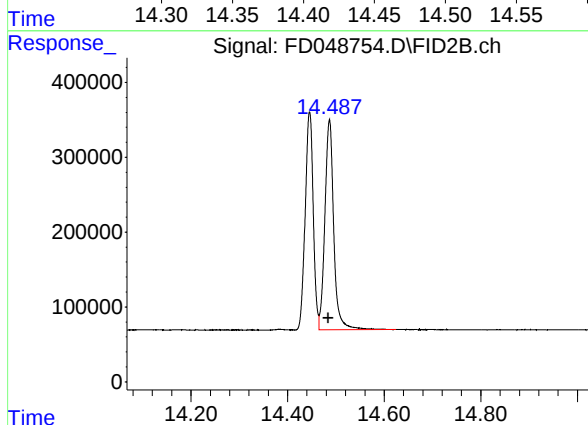
R.T.: 12.576 min
Delta R.T.: 0.000 min
Response: 3649211
Conc: 20.18 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



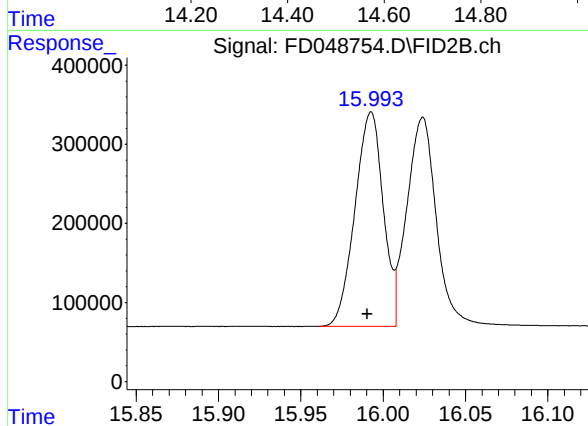
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 3352054
Conc: 20.38 ug/ml



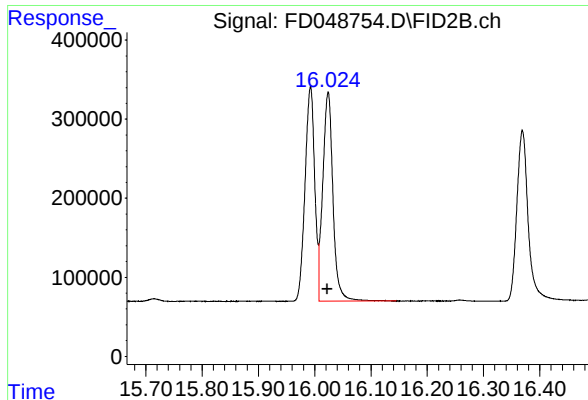
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.002 min
Response: 3556734
Conc: 20.32 ug/ml



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

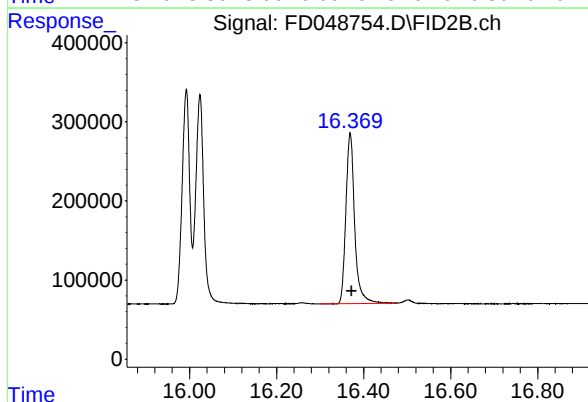
R.T.: 15.992 min
Delta R.T.: 0.002 min
Response: 3239822
Conc: 20.62 ug/ml



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

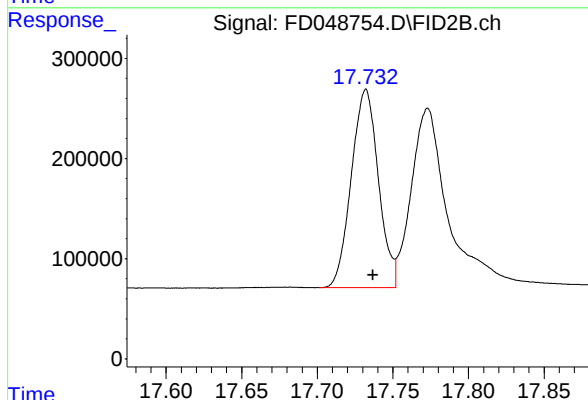
R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 3320225
Conc: 20.34 ug/ml

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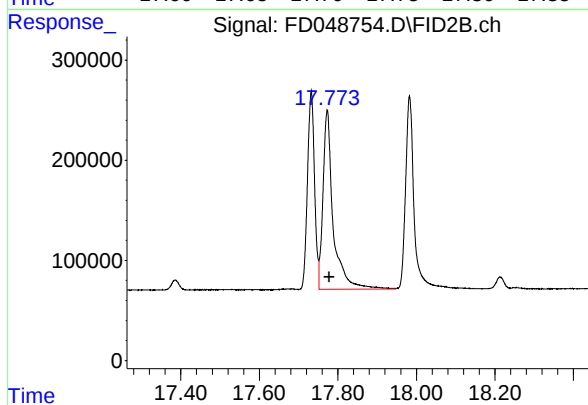
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: -0.004 min
Response: 3013429
Conc: 20.21 ug/ml



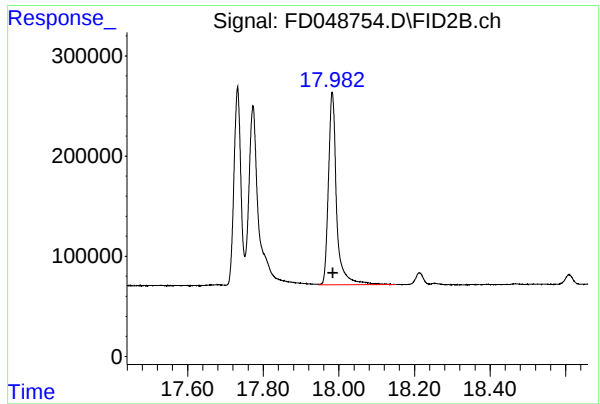
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: -0.005 min
Response: 2467462
Conc: 19.97 ug/ml



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

R.T.: 17.773 min
Delta R.T.: -0.006 min
Response: 3232653
Conc: 20.61 ug/ml



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

R.T.: 17.982 min
Delta R.T.: -0.002 min
Response: 2877266
Conc: 20.16 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD