

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048597.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 09:53
 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 29 00:21:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.371	2750069	18.119 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
6) S 2-Fluorobiphenyl (SURR)	8.221	1804963	18.382 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.76%
11) S ortho-Terphenyl (SURR)	11.254	3100863	18.204 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	3204368	18.419 ug/ml
2) T Naphthalene (C11.7)	5.712	3274284	18.350 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	3257858	18.214 ug/ml
5) T Acenaphthylene (C15.06)	8.023	3196472	18.204 ug/ml
7) T Acenaphthene (C15.5)	8.317	3227618	18.198 ug/ml
8) T Fluorene (C16.55)	9.095	3089442	18.277 ug/ml
9) T Phenanthrene (C19.36)	10.481	3004248	18.174 ug/ml
10) T Anthracene (C19.43)	10.557	2892176	18.086 ug/ml
12) T Fluoranthene (C21.85)	12.284	3009589	18.287 ug/ml
13) T Pyrene (C20.8)	12.577	2944200	18.278 ug/ml
14) T Benzo[a]anthracene (C...	14.446	2701480	18.476 ug/ml
15) T Chrysene (C27.41)	14.487	2944379	17.900 ug/ml
16) T benzo[b]fluoranthene ...	15.992	2831272	18.623 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	2767878	18.415 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	2793340	18.561 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	2382399	18.259 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	2890047	17.759 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	2821455	18.430 ug/ml

(f)=RT Delta > 1/2 Window

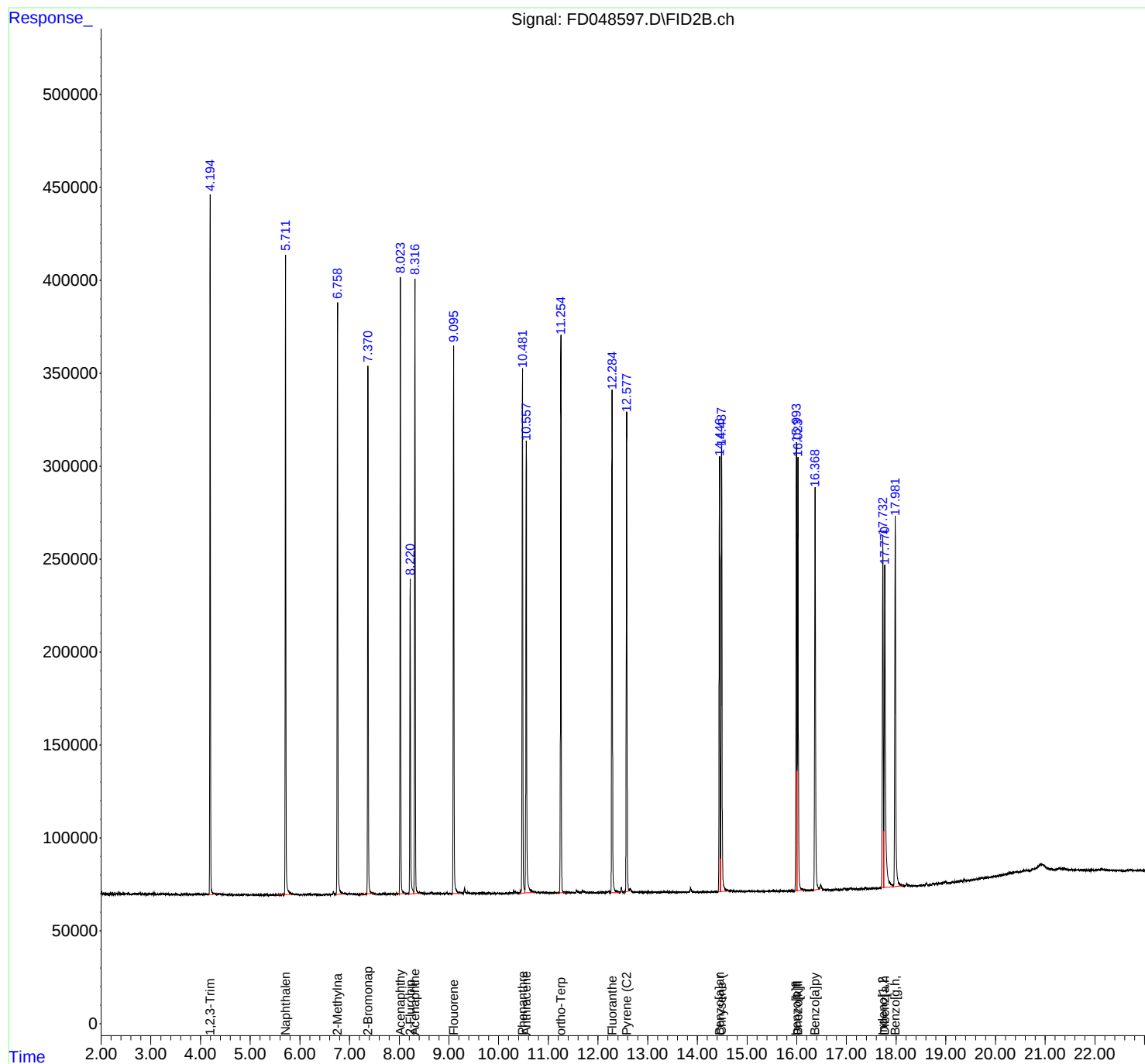
(m)=manual int.

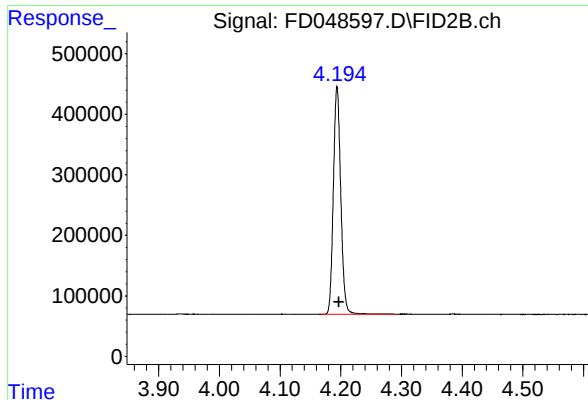
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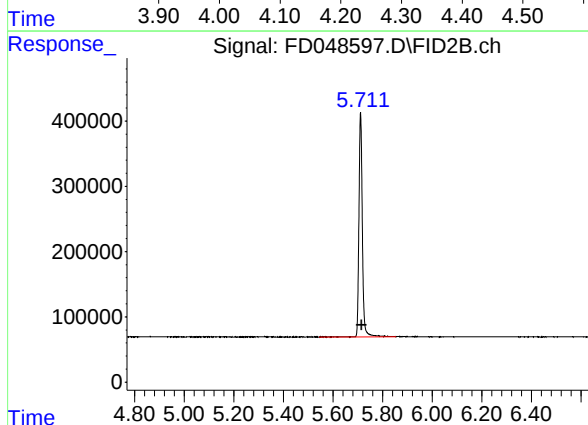




#1 1,2,3-Trimethylbenzene (C10.1)

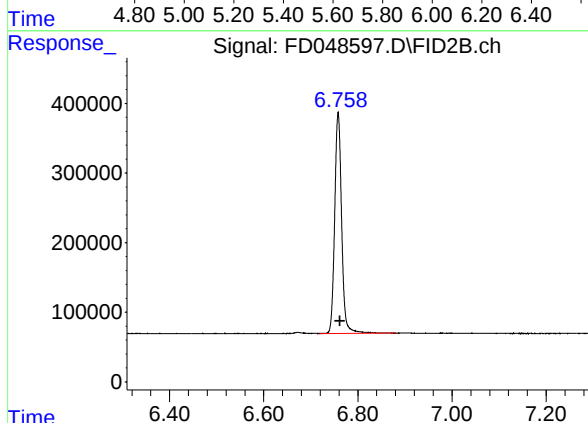
R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 3204368
Conc: 18.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



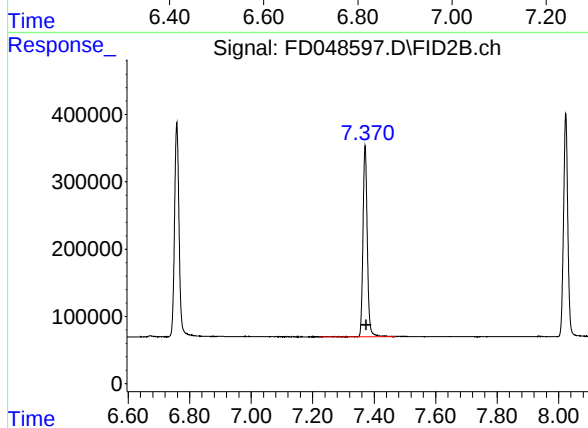
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 3274284
Conc: 18.35 ug/ml



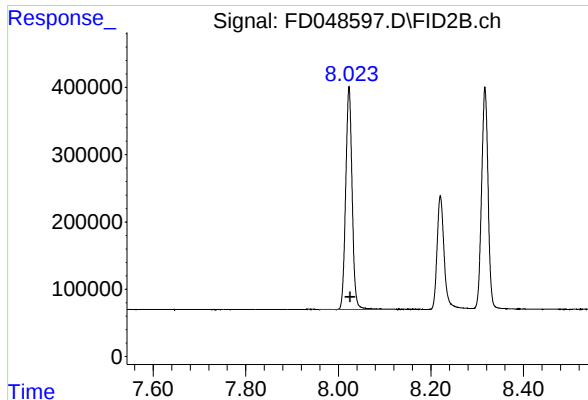
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: -0.004 min
Response: 3257858
Conc: 18.21 ug/ml



#4 2-Bromonaphthalene (SURR)

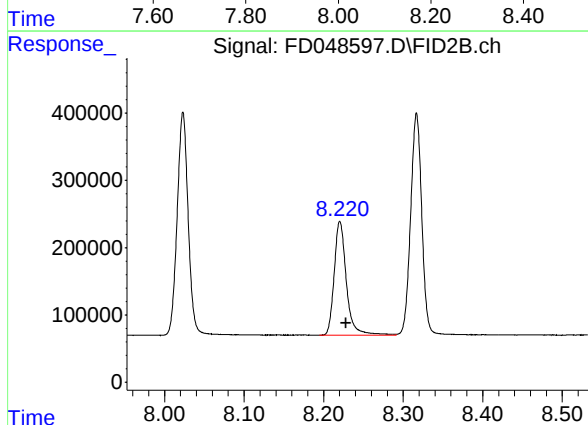
R.T.: 7.371 min
Delta R.T.: -0.004 min
Response: 2750069
Conc: 18.12 ug/ml



#5 Acenaphthylene (C15.06)

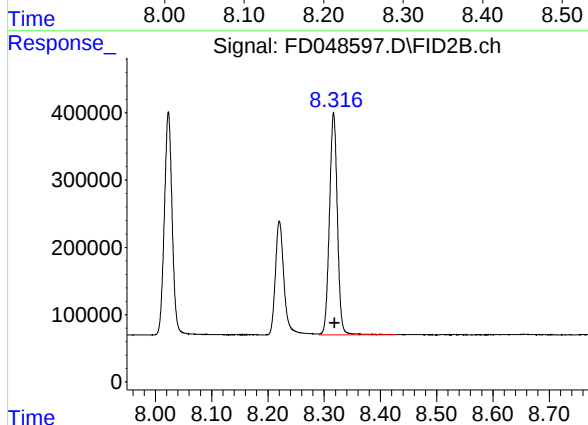
R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 3196472
Conc: 18.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



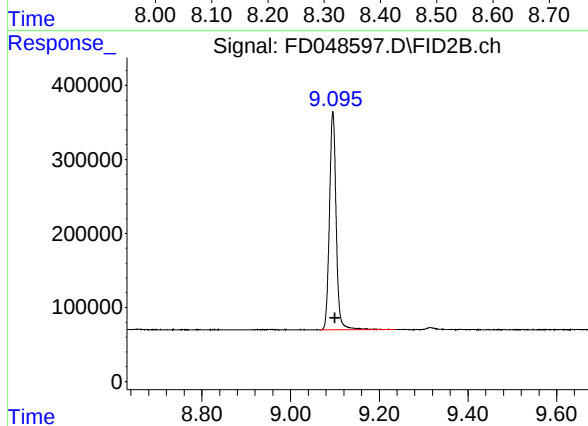
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 1804963
Conc: 18.38 ug/ml



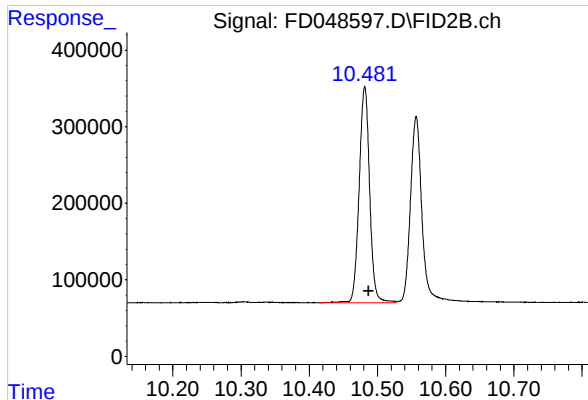
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 3227618
Conc: 18.20 ug/ml



#8 Flouorene (C16.55)

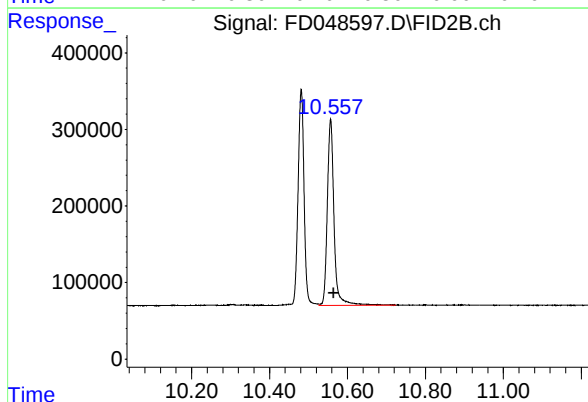
R.T.: 9.095 min
Delta R.T.: -0.005 min
Response: 3089442
Conc: 18.28 ug/ml



#9 Phenanthrene (C19.36)

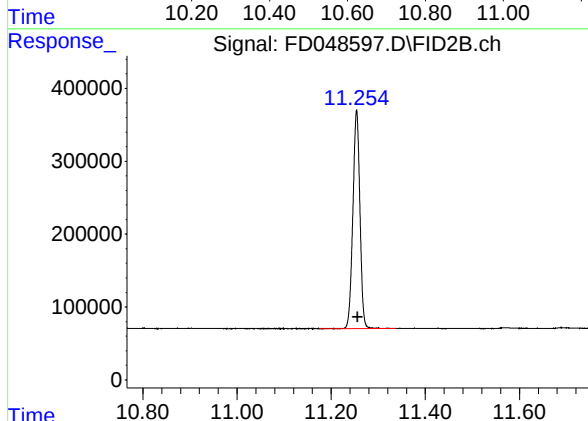
R.T.: 10.481 min
Delta R.T.: -0.006 min
Response: 3004248
Conc: 18.17 ug/ml

Instrument :
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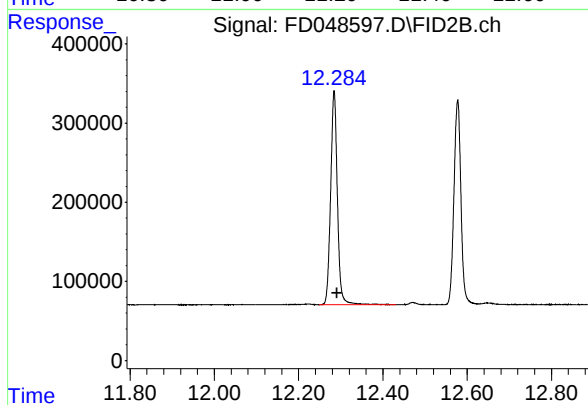
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: -0.008 min
Response: 2892176
Conc: 18.09 ug/ml



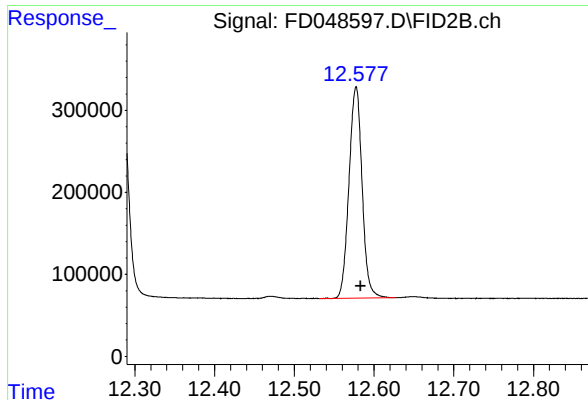
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 3100863
Conc: 18.20 ug/ml



#12 Fluoranthene (C21.85)

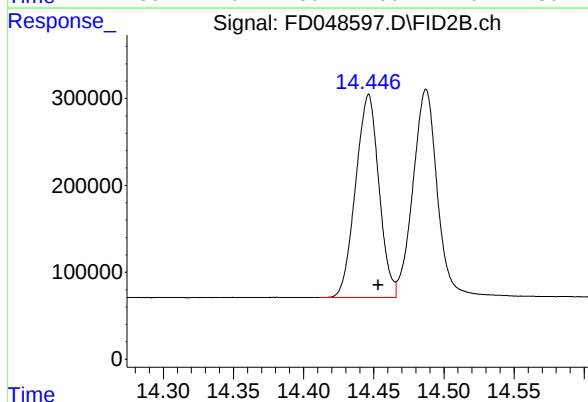
R.T.: 12.284 min
Delta R.T.: -0.007 min
Response: 3009589
Conc: 18.29 ug/ml



#13 Pyrene (C20.8)

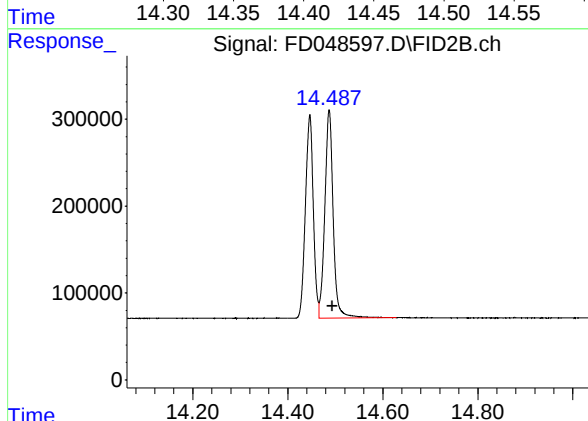
R.T.: 12.577 min
Delta R.T.: -0.006 min
Response: 2944200
Conc: 18.28 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



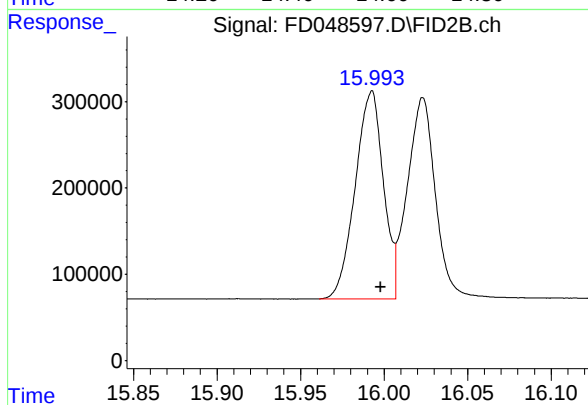
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: -0.007 min
Response: 2701480
Conc: 18.48 ug/ml



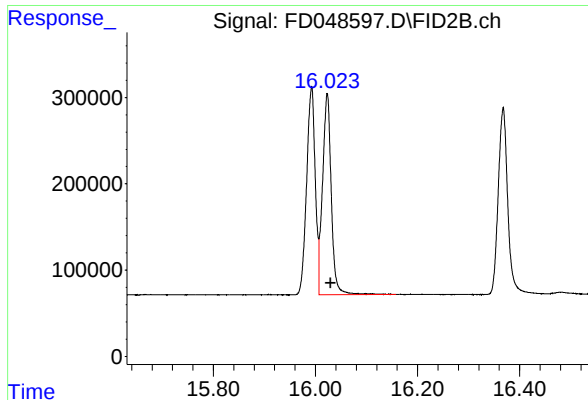
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: -0.006 min
Response: 2944379
Conc: 17.90 ug/ml



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

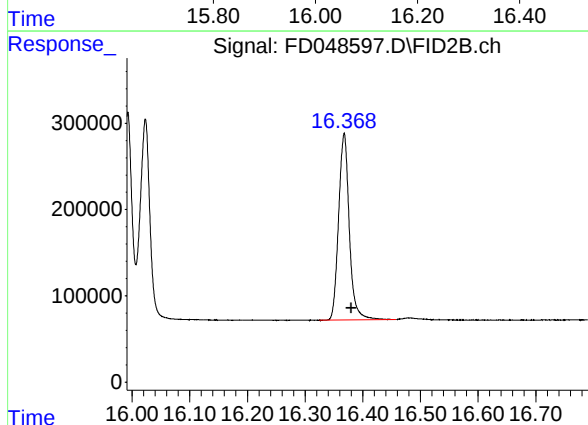
R.T.: 15.992 min
Delta R.T.: -0.006 min
Response: 2831272
Conc: 18.62 ug/ml



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

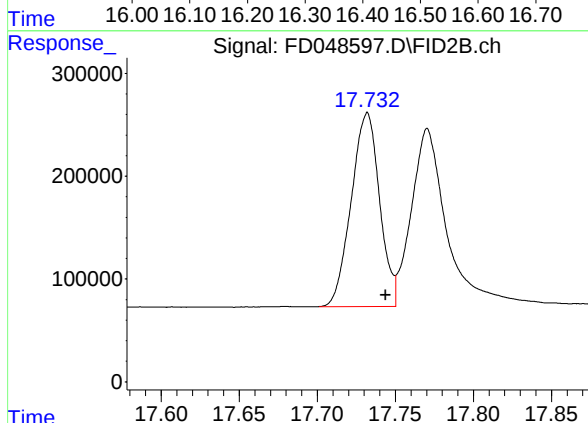
R.T.: 16.023 min
Delta R.T.: -0.007 min
Response: 2767878
Conc: 18.42 ug/ml

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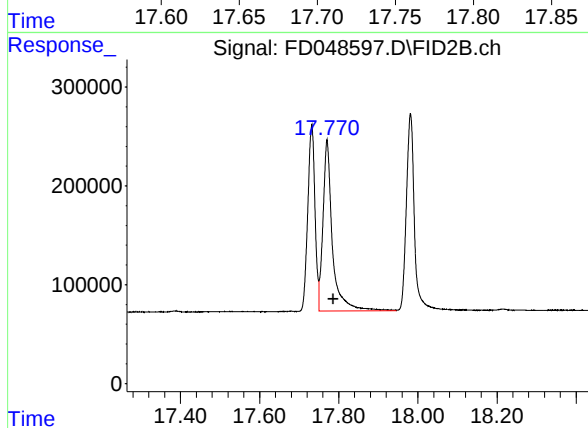
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.013 min
Response: 2793340
Conc: 18.56 ug/ml



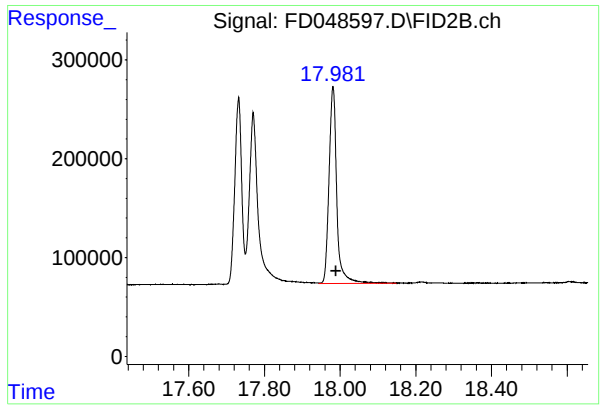
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: -0.012 min
Response: 2382399
Conc: 18.26 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.016 min
Response: 2890047
Conc: 17.76 ug/ml



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

R.T.: 17.981 min
Delta R.T.: -0.008 min
Response: 2821455
Conc: 18.43 ug/ml

Instrument :

FID_D

ClientSampleId :

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