

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092225AR\
 Data File : FF016420.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 12:35
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 23 01:25:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 2025
 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...	8.034	2180174	18.237 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
6) S 2-Fluorobiphenyl (SURR)	8.912	1479042	17.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.72%
11) S ortho-Terphenyl (SURR)	11.979	2667148	18.390 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.628	2429464	18.748 ug/ml
2) T Naphthalene (C11.7)	6.305	2532109	18.509 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	2575573	18.416 ug/ml
5) T Acenaphthylene (C15.06)	8.712	2543729	18.118 ug/ml
7) T Acenaphthene (C15.5)	9.011	2568943	18.329 ug/ml
8) T Flouorene (C16.55)	9.801	2543605	18.204 ug/ml
9) T Phenanthrene (C19.36)	11.210	2534203	17.973 ug/ml
10) T Anthracene (C19.43)	11.285	2535238	18.336 ug/ml
12) T Fluoranthene (C21.85)	13.035	2517546	17.847 ug/ml
13) T Pyrene (C20.8)	13.334	2445306	17.472 ug/ml
14) T Benzo[a]anthracene (C...	15.219	2273922	17.194 ug/ml
15) T Chrysene (C27.41)	15.261	2383426	17.485 ug/ml
16) T benzo[b]fluoranthene ...	16.781	2261024	17.350 ug/ml
17) T Bnezo[k]fluoranthene ...	16.813	2208793	17.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.162	2256743	17.659 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.539	2129137	18.638 ug/ml
20) T Dibenz[a,h]anthracene...	18.577	2313441	18.430 ug/ml
21) T Benzo[g,h,i]perylene ...	18.796	2326411	18.865 ug/ml

(f)=RT Delta > 1/2 Window

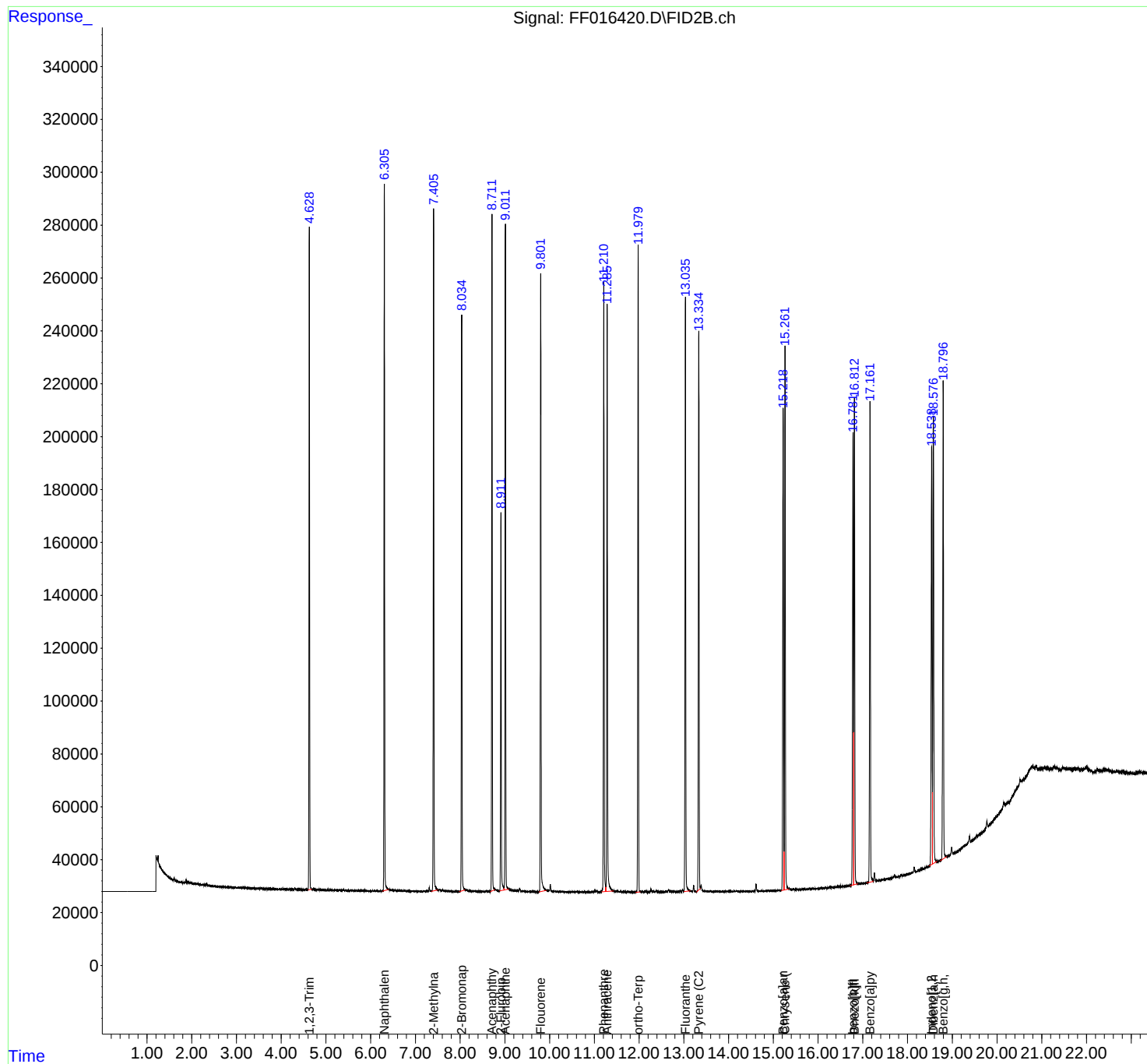
(m)=manual int.

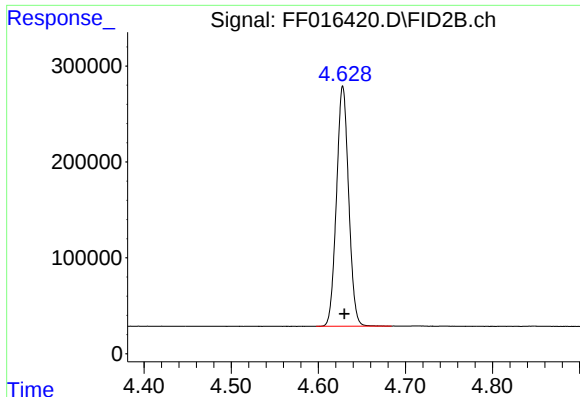
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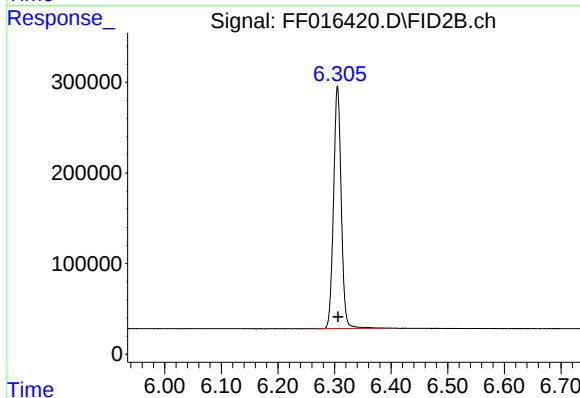




#1 1,2,3-Trimethylbenzene (C10.1)

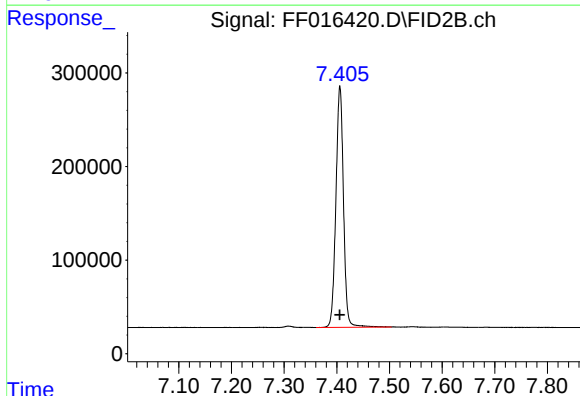
R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 2429464
Conc: 18.75 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



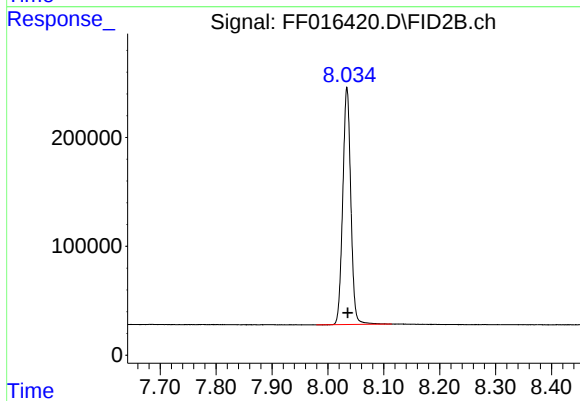
#2 Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2532109
Conc: 18.51 ug/ml



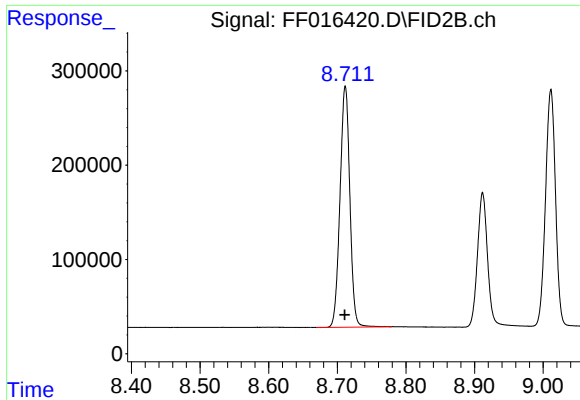
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2575573
Conc: 18.42 ug/ml



#4 2-Bromonaphthalene (SURR)

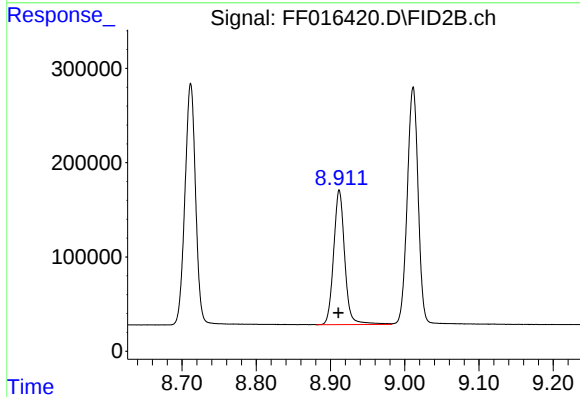
R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 2180174
Conc: 18.24 ug/ml



#5 Acenaphthylene (C15.06)

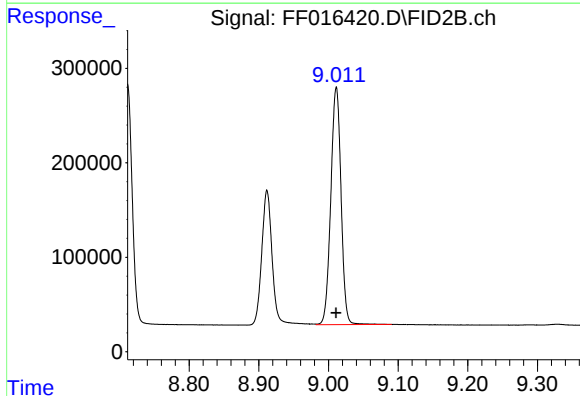
R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 2543729
Conc: 18.12 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



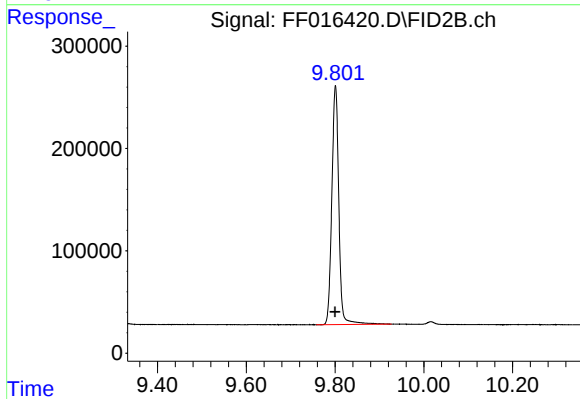
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.912 min
Delta R.T.: 0.001 min
Response: 1479042
Conc: 17.86 ug/ml



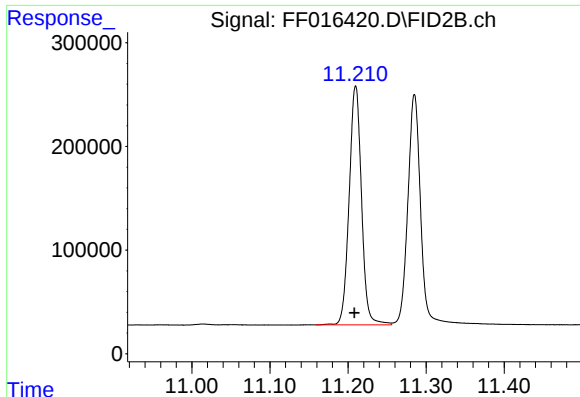
#7 Acenaphthene (C15.5)

R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 2568943
Conc: 18.33 ug/ml



#8 Flouorene (C16.55)

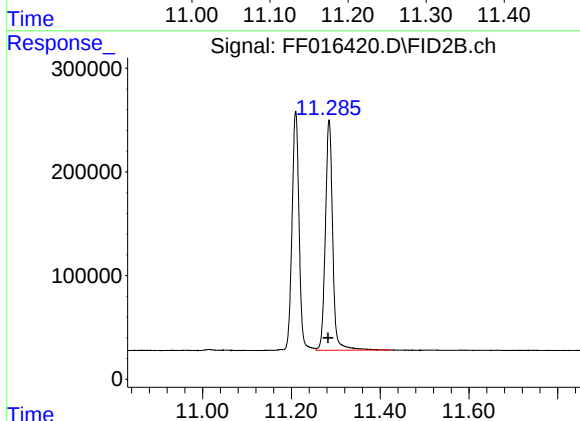
R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 2543605
Conc: 18.20 ug/ml



#9 Phenanthrene (C19.36)

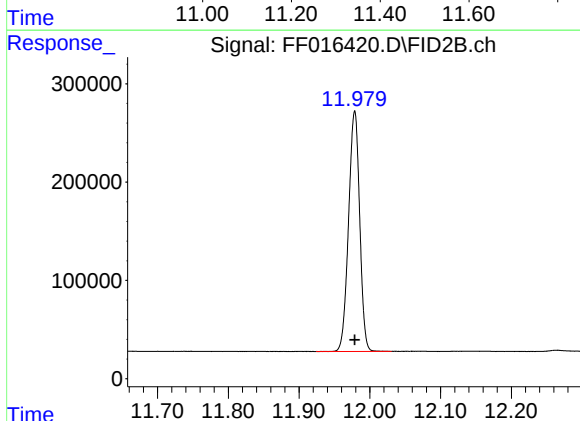
R.T.: 11.210 min
Delta R.T.: 0.002 min
Response: 2534203
Conc: 17.97 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



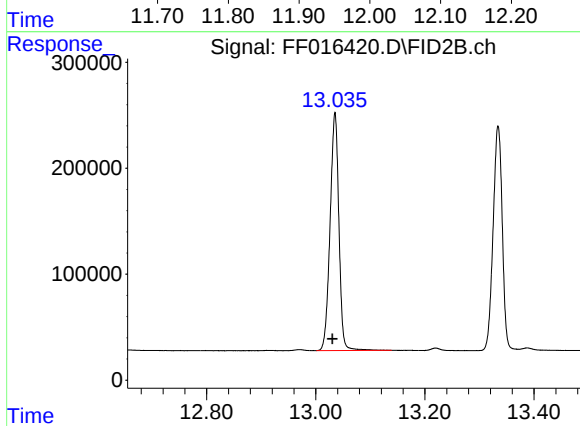
#10 Anthracene (C19.43)

R.T.: 11.285 min
Delta R.T.: 0.002 min
Response: 2535238
Conc: 18.34 ug/ml



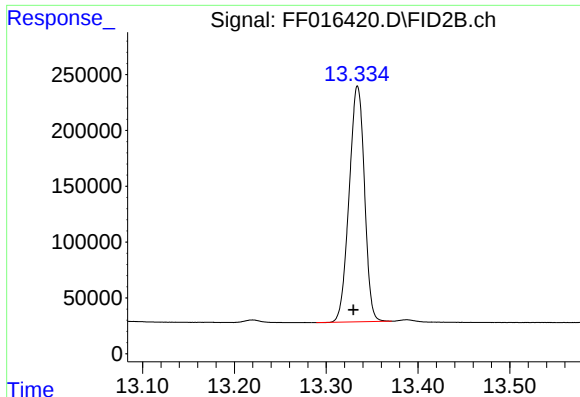
#11 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2667148
Conc: 18.39 ug/ml



#12 Fluoranthene (C21.85)

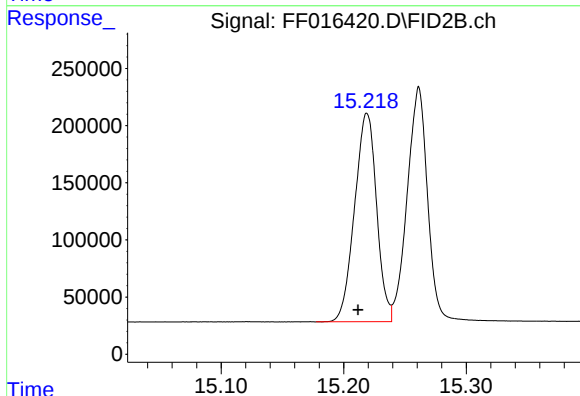
R.T.: 13.035 min
Delta R.T.: 0.004 min
Response: 2517546
Conc: 17.85 ug/ml



#13 Pyrene (C20.8)

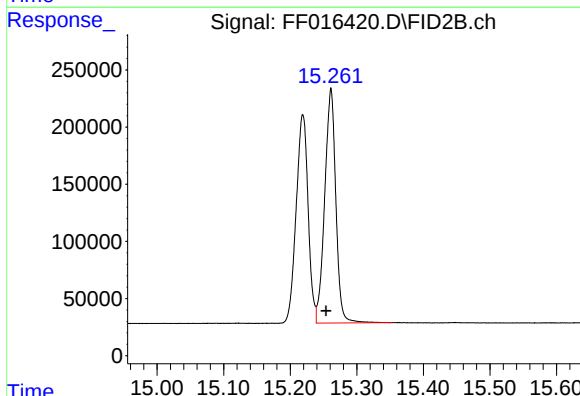
R.T.: 13.334 min
Delta R.T.: 0.005 min
Response: 2445306
Conc: 17.47 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



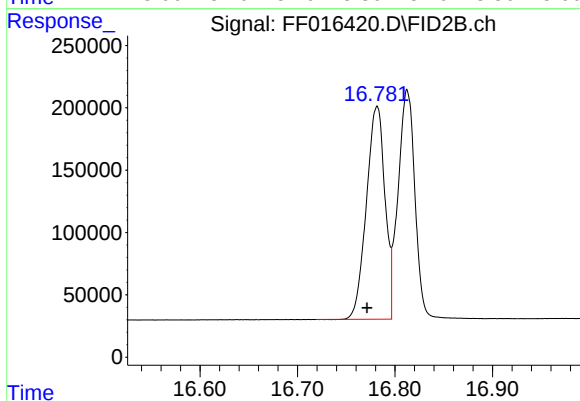
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.219 min
Delta R.T.: 0.007 min
Response: 2273922
Conc: 17.19 ug/ml



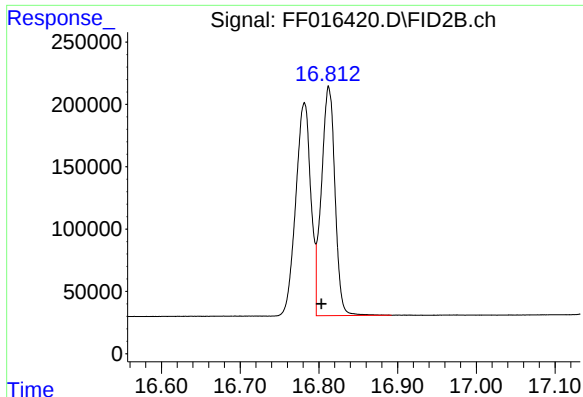
#15 Chrysene (C27.41)

R.T.: 15.261 min
Delta R.T.: 0.007 min
Response: 2383426
Conc: 17.49 ug/ml



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

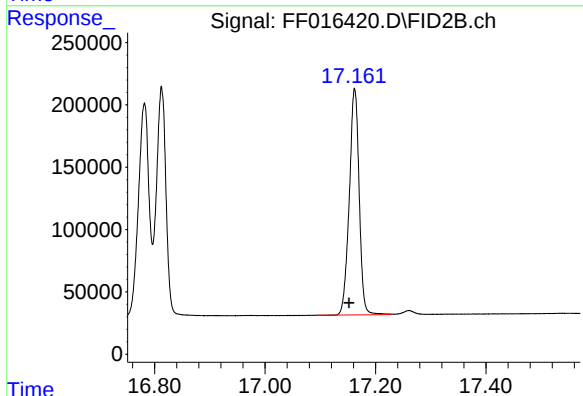
R.T.: 16.781 min
Delta R.T.: 0.010 min
Response: 2261024
Conc: 17.35 ug/ml



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

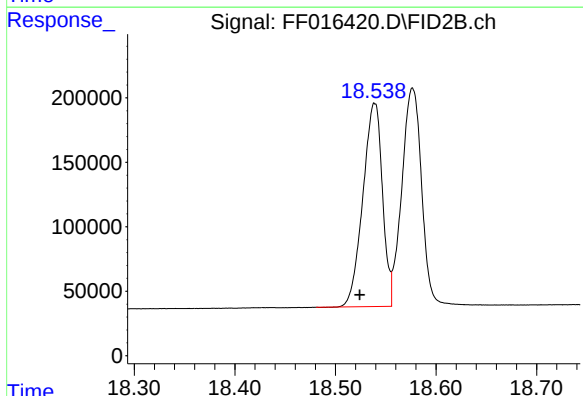
R.T.: 16.813 min
Delta R.T.: 0.009 min
Response: 2208793
Conc: 17.66 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



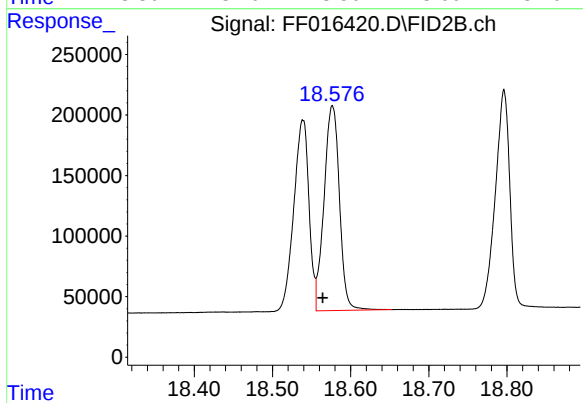
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.162 min
Delta R.T.: 0.011 min
Response: 2256743
Conc: 17.66 ug/ml



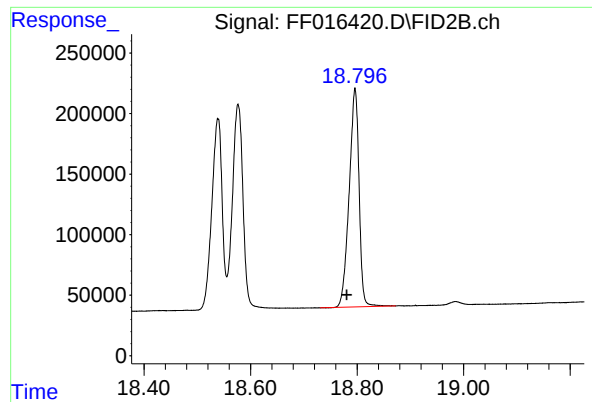
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.539 min
Delta R.T.: 0.015 min
Response: 2129137
Conc: 18.64 ug/ml



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

R.T.: 18.577 min
Delta R.T.: 0.012 min
Response: 2313441
Conc: 18.43 ug/ml



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

R.T.: 18.796 min
Delta R.T.: 0.016 min
Response: 2326411
Conc: 18.87 ug/ml

Instrument :

FID_F

ClientSampleId :

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