

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061725AR\
 Data File : FF016024.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2025 13:24
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 18 04:04:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 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...	8.056	2548702	22.445 ug/ml
Spiked Amount 50.000		Recovery =	44.89%
6) S 2-Fluorobiphenyl (SURR)	8.931	1749844	22.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.96%
11) S ortho-Terphenyl (SURR)	11.999	2987956	22.586 ug/ml
Spiked Amount 50.000		Recovery =	45.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.654	2786416	22.505 ug/ml
2) T Naphthalene (C11.7)	6.328	2943673	22.494 ug/ml
3) T 2-Methylnaphthalene (...)	7.427	2988006	22.549 ug/ml
5) T Acenaphthylene (C15.06)	8.732	2957918	22.415 ug/ml
7) T Acenaphthene (C15.5)	9.032	2948136	22.578 ug/ml
8) T Fluorene (C16.55)	9.820	2925138	22.488 ug/ml
9) T Phenanthrene (C19.36)	11.227	2902070	22.378 ug/ml
10) T Anthracene (C19.43)	11.302	2849000	22.061 ug/ml
12) T Fluoranthene (C21.85)	13.049	2915430	22.314 ug/ml
13) T Pyrene (C20.8)	13.348	2887920	22.276 ug/ml
14) T Benzo[a]anthracene (C...	15.228	2769087	21.963 ug/ml
15) T Chrysene (C27.41)	15.272	2804769	21.976 ug/ml
16) T benzo[b]fluoranthene ...	16.786	2745700	21.922 ug/ml
17) T Bnezo[k]fluoranthene ...	16.820	2600234	21.945 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.167	2664131	21.801 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.538	2429951	21.783 ug/ml
20) T Dibenz[a,h]anthracene...	18.579	2639112	22.667 ug/ml
21) T Benzo[g,h,i]perylene ...	18.796	2553619	21.940 ug/ml

(f)=RT Delta > 1/2 Window

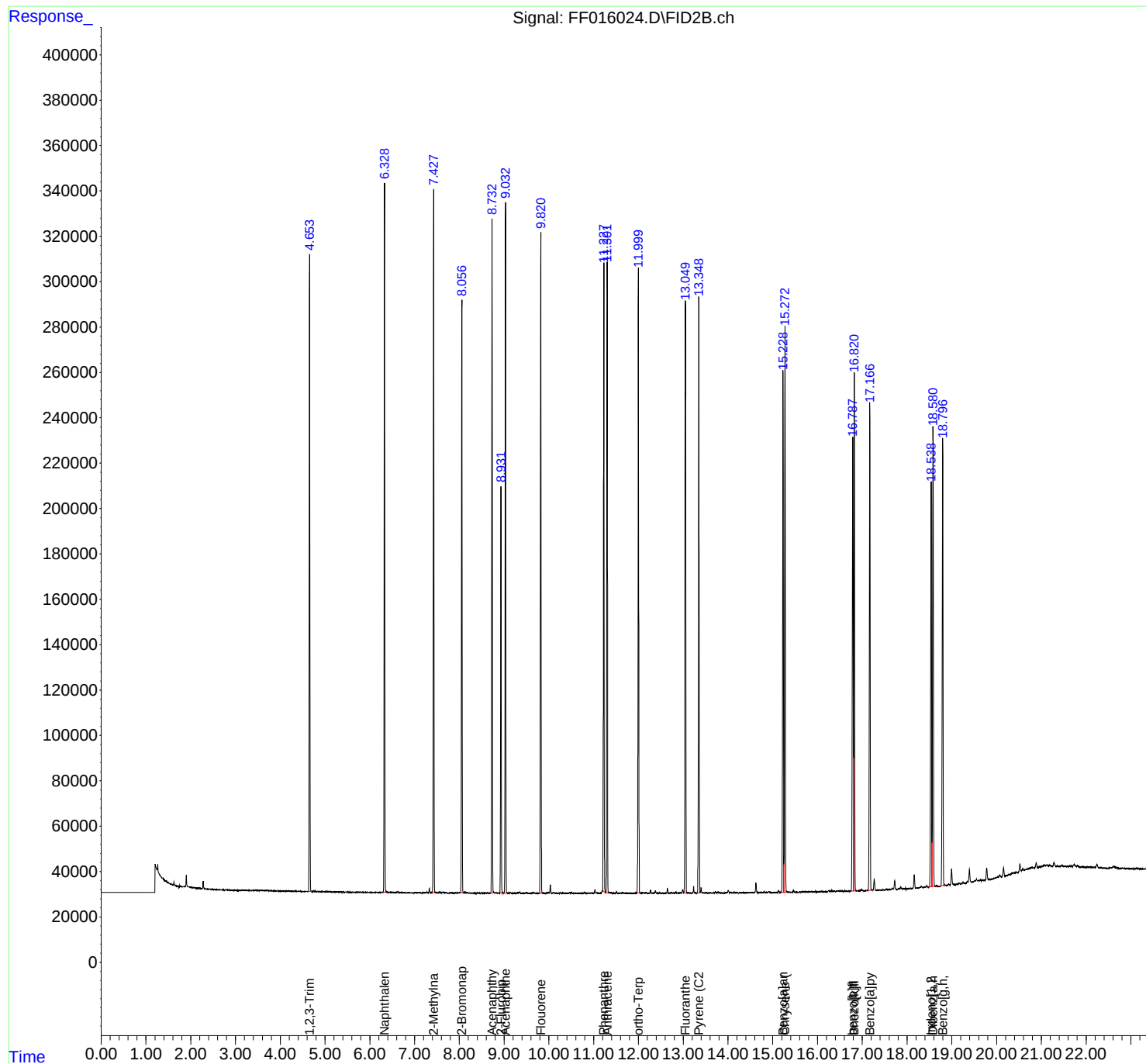
(m)=manual int.

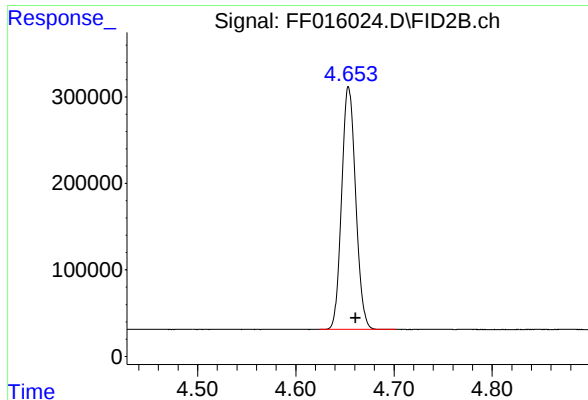
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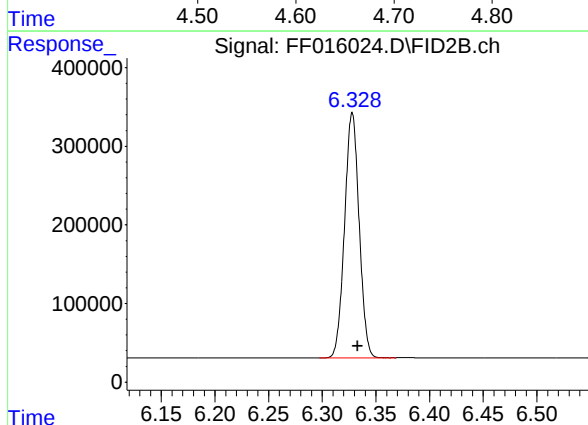




#1 1,2,3-Trimethylbenzene (C10.1)

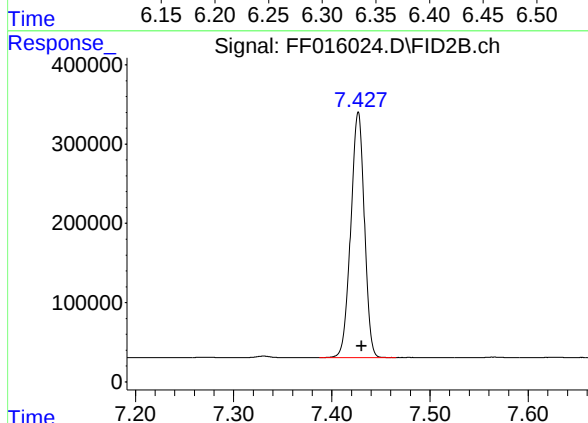
R.T.: 4.654 min
Delta R.T.: -0.007 min
Response: 2786416
Conc: 22.51 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



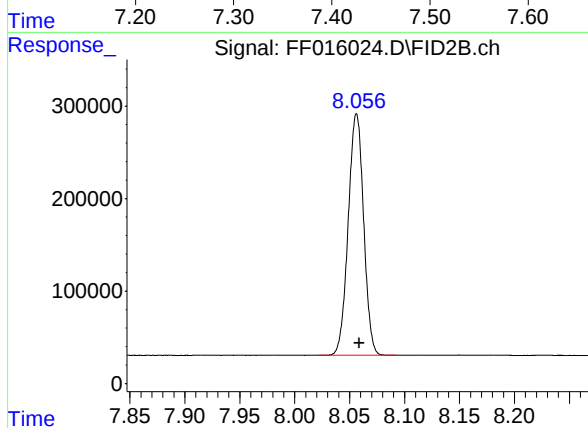
#2 Naphthalene (C11.7)

R.T.: 6.328 min
Delta R.T.: -0.005 min
Response: 2943673
Conc: 22.49 ug/ml



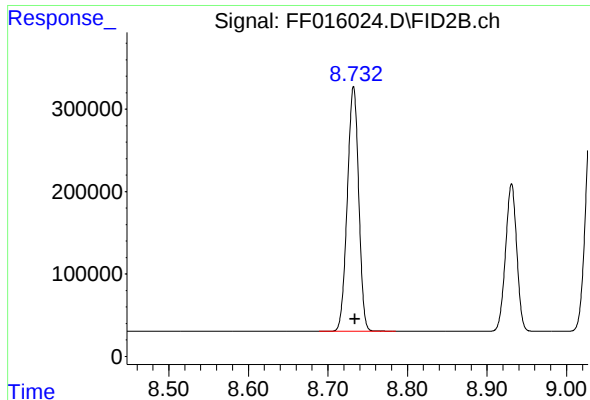
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.427 min
Delta R.T.: -0.003 min
Response: 2988006
Conc: 22.55 ug/ml



#4 2-Bromonaphthalene (SURR)

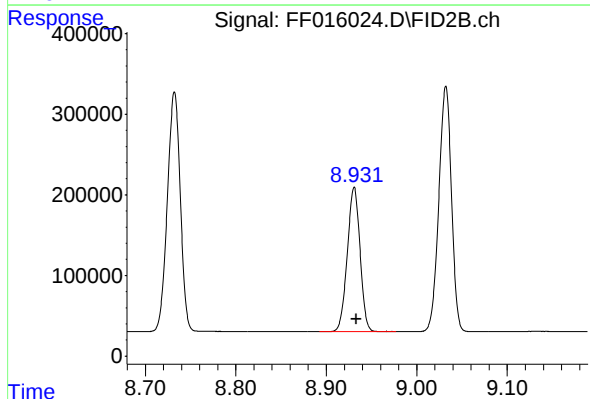
R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 2548702
Conc: 22.45 ug/ml



#5 Acenaphthylene (C15.06)

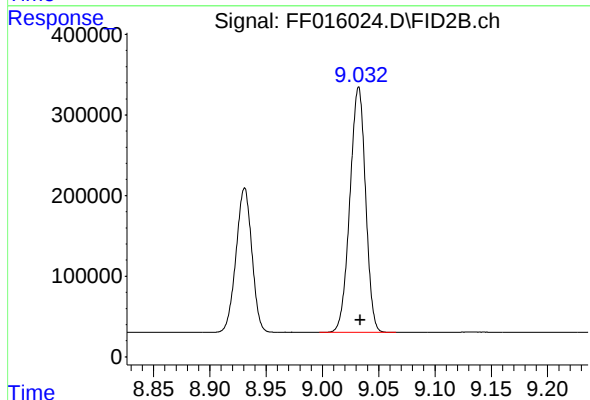
R.T.: 8.732 min
Delta R.T.: -0.002 min
Response: 2957918
Conc: 22.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



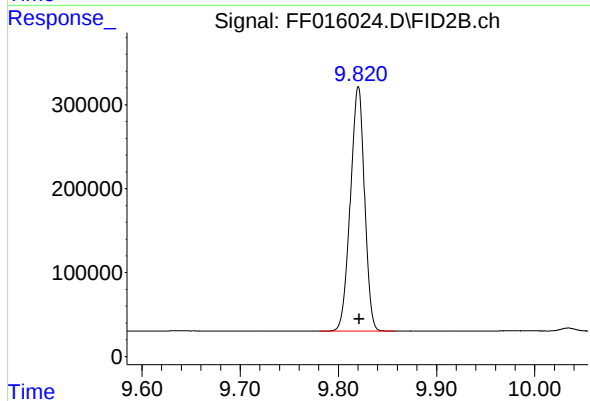
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.931 min
Delta R.T.: -0.002 min
Response: 1749844
Conc: 22.48 ug/ml



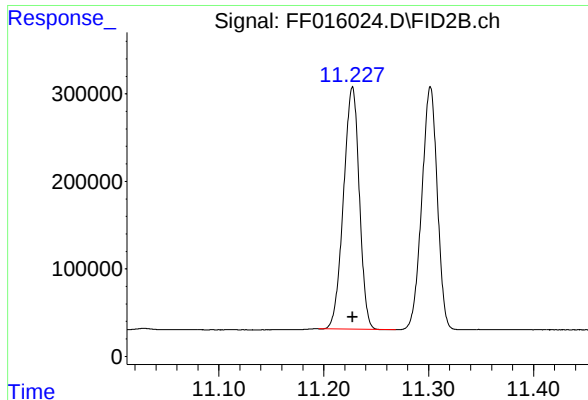
#7 Acenaphthene (C15.5)

R.T.: 9.032 min
Delta R.T.: -0.002 min
Response: 2948136
Conc: 22.58 ug/ml



#8 Fluorene (C16.55)

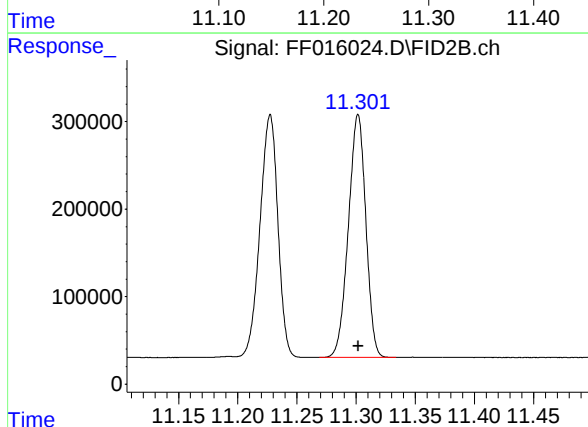
R.T.: 9.820 min
Delta R.T.: -0.001 min
Response: 2925138
Conc: 22.49 ug/ml



#9 Phenanthrene (C19.36)

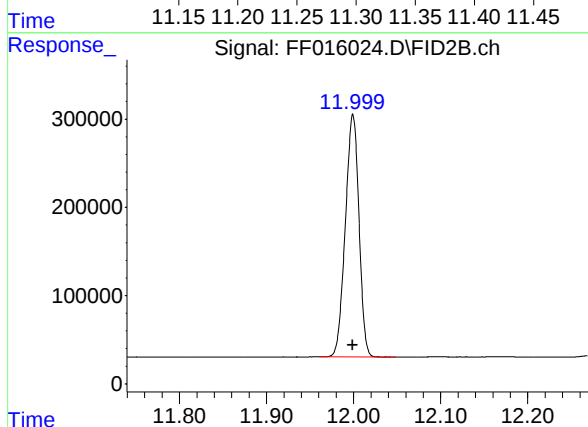
R.T.: 11.227 min
Delta R.T.: 0.000 min
Response: 2902070
Conc: 22.38 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



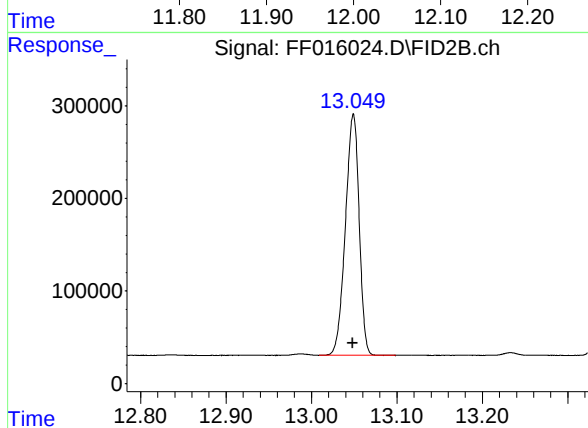
#10 Anthracene (C19.43)

R.T.: 11.302 min
Delta R.T.: 0.000 min
Response: 2849000
Conc: 22.06 ug/ml



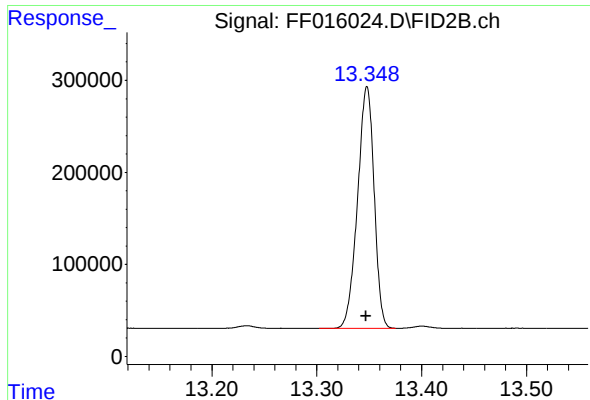
#11 ortho-Terphenyl (SURRE)

R.T.: 11.999 min
Delta R.T.: 0.000 min
Response: 2987956
Conc: 22.59 ug/ml



#12 Fluoranthene (C21.85)

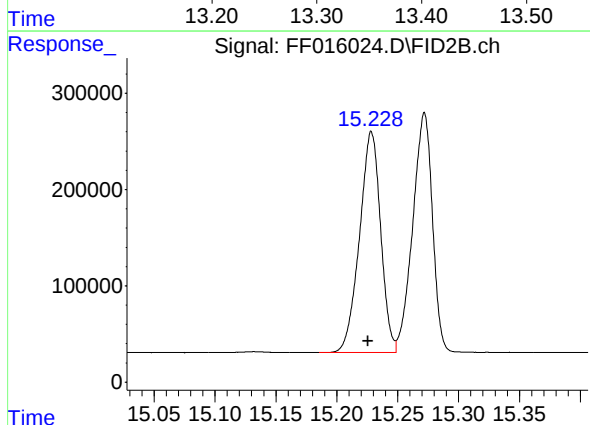
R.T.: 13.049 min
Delta R.T.: 0.000 min
Response: 2915430
Conc: 22.31 ug/ml



#13 Pyrene (C20.8)

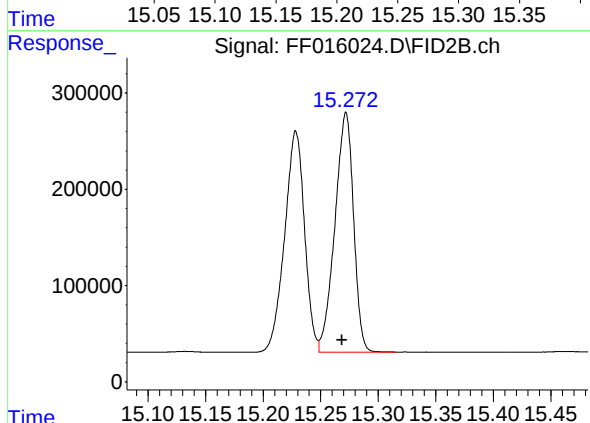
R.T.: 13.348 min
Delta R.T.: 0.000 min
Response: 2887920
Conc: 22.28 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



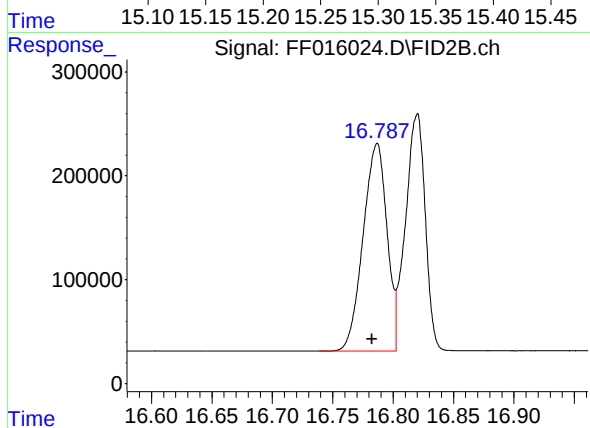
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.228 min
Delta R.T.: 0.003 min
Response: 2769087
Conc: 21.96 ug/ml



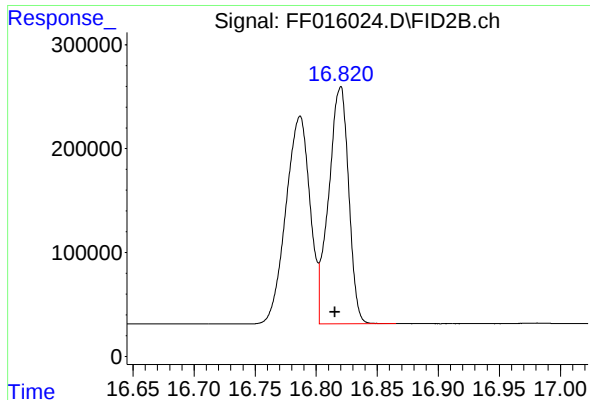
#15 Chrysene (C27.41)

R.T.: 15.272 min
Delta R.T.: 0.003 min
Response: 2804769
Conc: 21.98 ug/ml



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

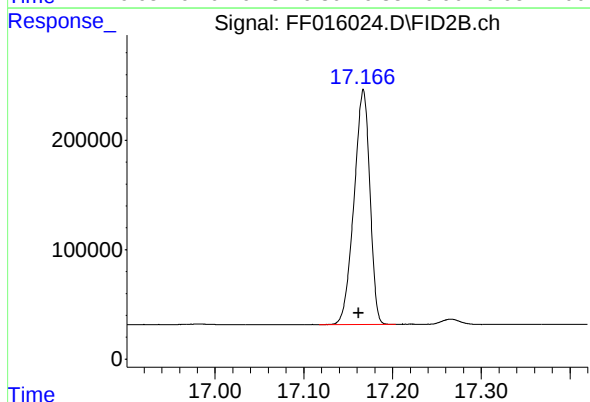
R.T.: 16.786 min
Delta R.T.: 0.004 min
Response: 2745700
Conc: 21.92 ug/ml



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

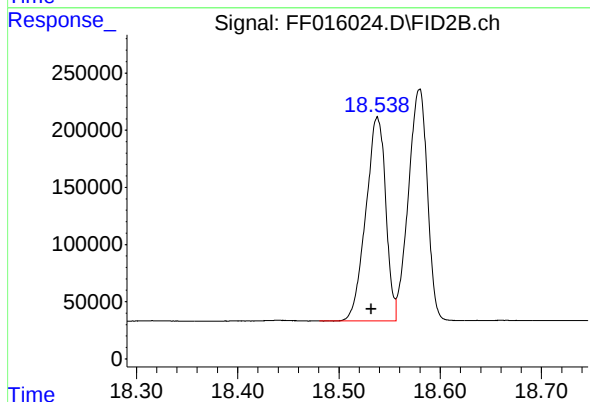
R.T.: 16.820 min
Delta R.T.: 0.004 min
Response: 2600234
Conc: 21.95 ug/ml

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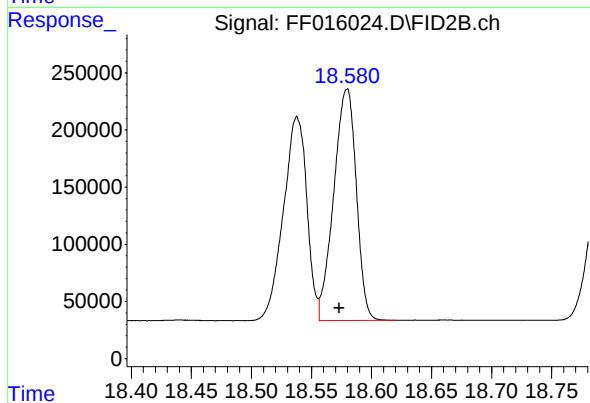
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.167 min
Delta R.T.: 0.005 min
Response: 2664131
Conc: 21.80 ug/ml



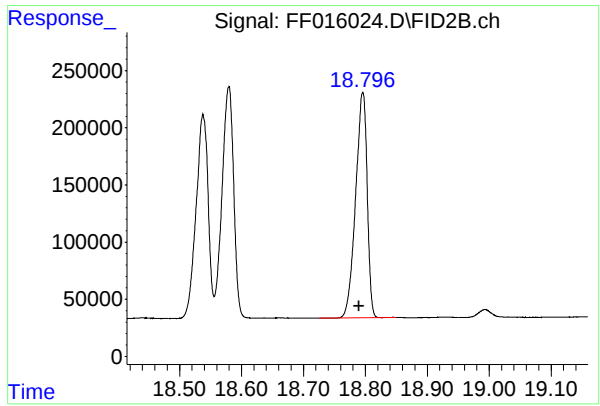
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.538 min
Delta R.T.: 0.006 min
Response: 2429951
Conc: 21.78 ug/ml



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

R.T.: 18.579 min
Delta R.T.: 0.006 min
Response: 2639112
Conc: 22.67 ug/ml



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

R.T.: 18.796 min
Delta R.T.: 0.006 min
Response: 2553619
Conc: 21.94 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD