

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111825AR\
 Data File : FF016742.D
 Signal(s) : FID2B.ch
 Acq On : 18 Nov 2025 19:46
 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: Nov 19 00:29:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.007	2035391	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
6) S 2-Fluorobiphenyl (SURR)	8.884	1308462	18.346 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.69%
11) S ortho-Terphenyl (SURR)	11.949	2572727	17.519 ug/ml
Spiked Amount 50.000		Recovery =	35.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	2433341	18.485 ug/ml
2) T Naphthalene (C11.7)	6.278	2421528	18.304 ug/ml
3) T 2-Methylnaphthalene (...)	7.378	2421634	18.217 ug/ml
5) T Acenaphthylene (C15.06)	8.682	2424765	17.947 ug/ml
7) T Acenaphthene (C15.5)	8.981	2531160	18.414 ug/ml
8) T Flouorene (C16.55)	9.772	2372773	18.226 ug/ml
9) T Phenanthrene (C19.36)	11.179	2331701	17.634 ug/ml
10) T Anthracene (C19.43)	11.255	2287034	16.877 ug/ml
12) T Fluoranthene (C21.85)	13.003	2318627	16.895 ug/ml
13) T Pyrene (C20.8)	13.302	2336555	17.049 ug/ml
14) T Benzo[a]anthracene (C...	15.187	1991505	17.486 ug/ml
15) T Chrysene (C27.41)	15.229	2386428	16.911 ug/ml
16) T benzo[b]fluoranthene ...	16.750	2135586	19.216 ug/ml
17) T Bnezo[k]fluoranthene ...	16.781	2217476	18.154 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.132	2166133	19.737 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.509	1951541	22.679 ug/ml
20) T Dibenz[a,h]anthracene...	18.548	2553599	19.390 ug/ml
21) T Benzo[g,h,i]perylene ...	18.764	2393273	22.584 ug/ml

(f)=RT Delta > 1/2 Window

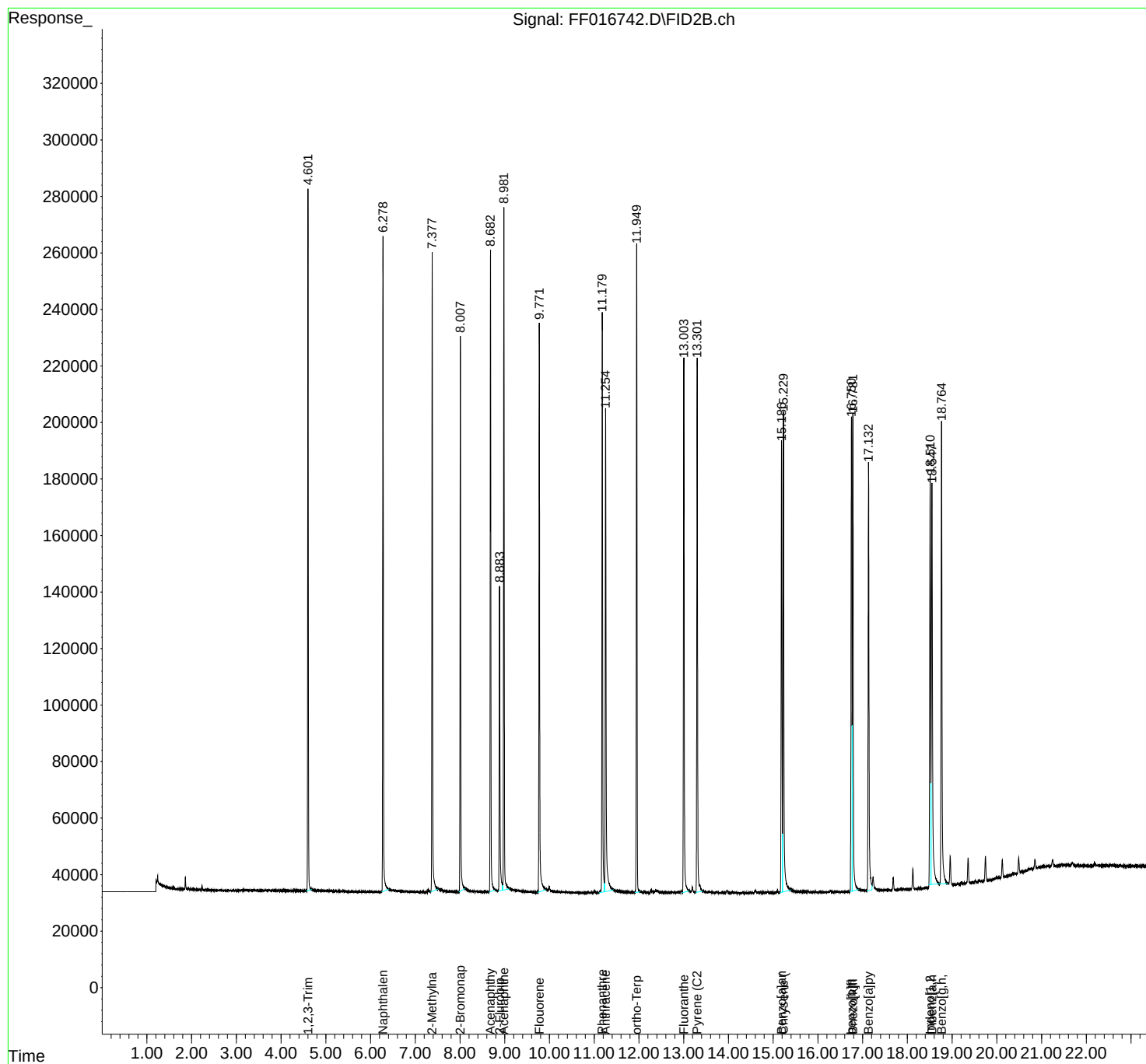
(m)=manual int.

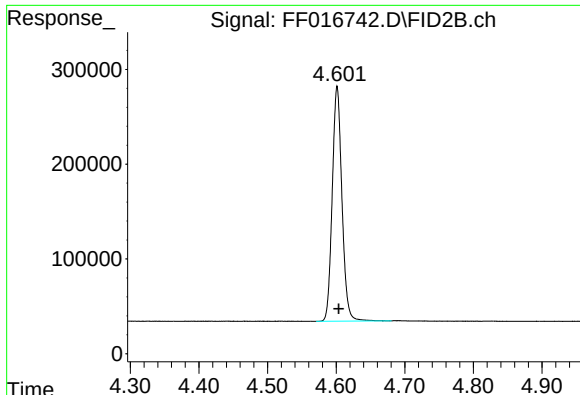
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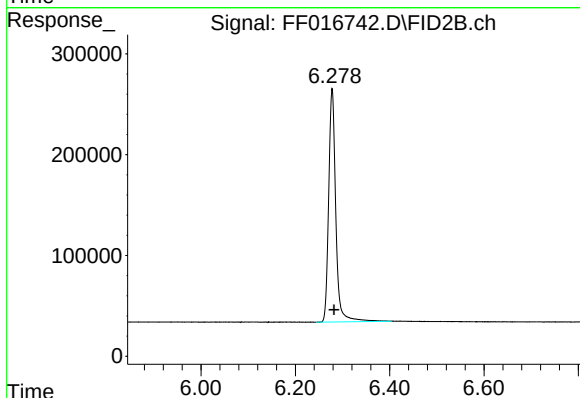




#1 1,2,3-Trimethylbenzene (C10.1)

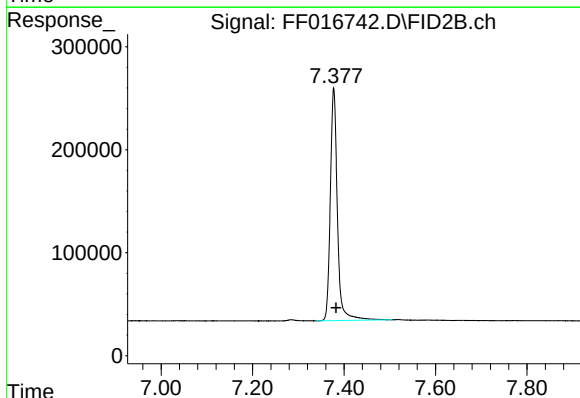
R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 2433341
Conc: 18.49 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



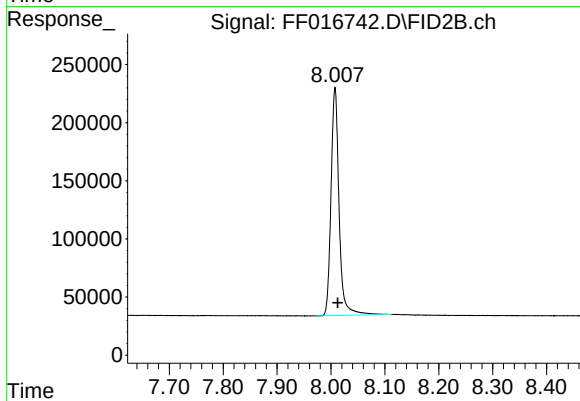
#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 2421528
Conc: 18.30 ug/ml



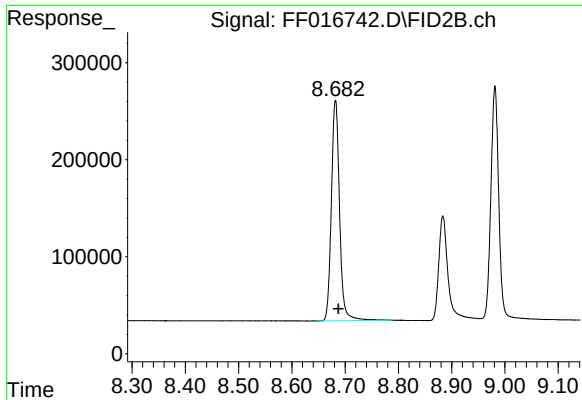
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.005 min
Response: 2421634
Conc: 18.22 ug/ml



#4 2-Bromonaphthalene (SURR)

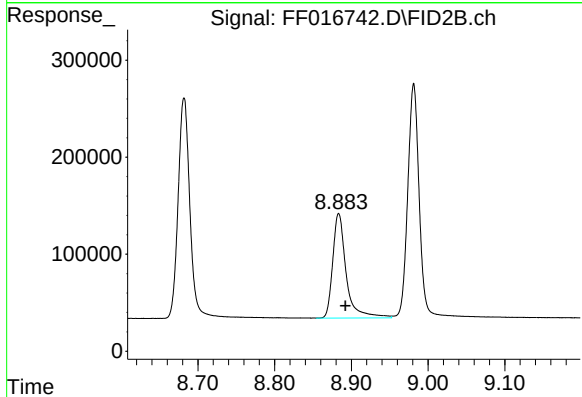
R.T.: 8.007 min
Delta R.T.: -0.005 min
Response: 2035391
Conc: 17.96 ug/ml



#5 Acenaphthylene (C15.06)

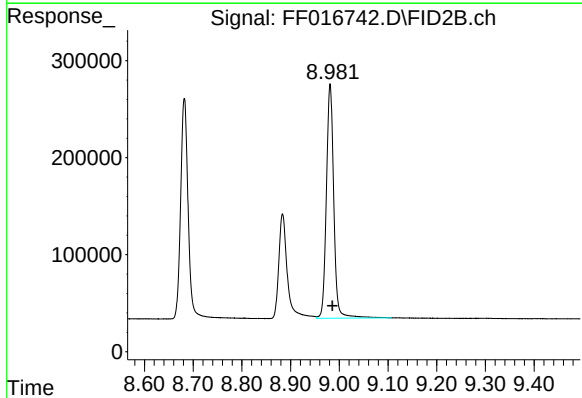
R.T.: 8.682 min
Delta R.T.: -0.005 min
Response: 2424765
Conc: 17.95 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



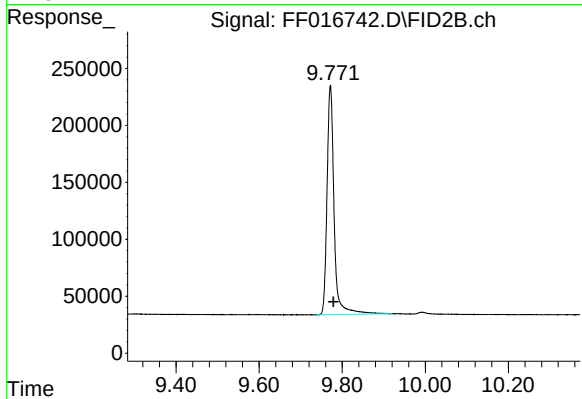
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.884 min
Delta R.T.: -0.009 min
Response: 1308462
Conc: 18.35 ug/ml



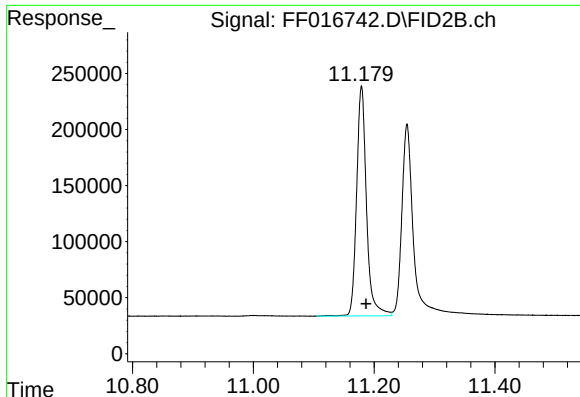
#7 Acenaphthene (C15.5)

R.T.: 8.981 min
Delta R.T.: -0.005 min
Response: 2531160
Conc: 18.41 ug/ml



#8 Fluorene (C16.55)

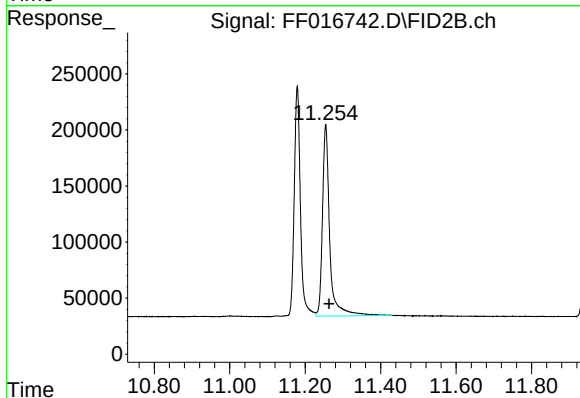
R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 2372773
Conc: 18.23 ug/ml



#9 Phenanthrene (C19.36)

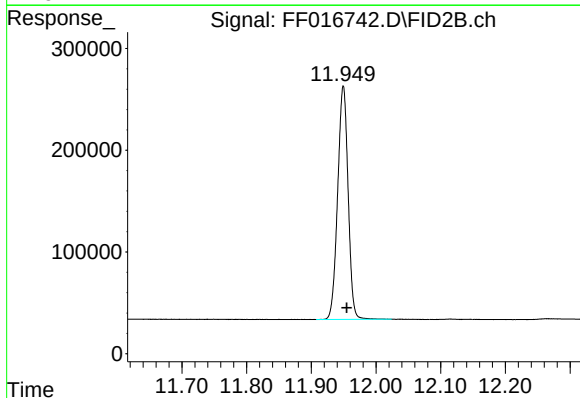
R.T.: 11.179 min
Delta R.T.: -0.008 min
Response: 2331701
Conc: 17.63 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



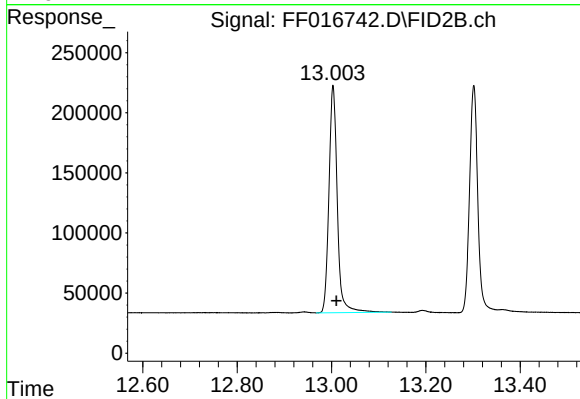
#10 Anthracene (C19.43)

R.T.: 11.255 min
Delta R.T.: -0.009 min
Response: 2287034
Conc: 16.88 ug/ml



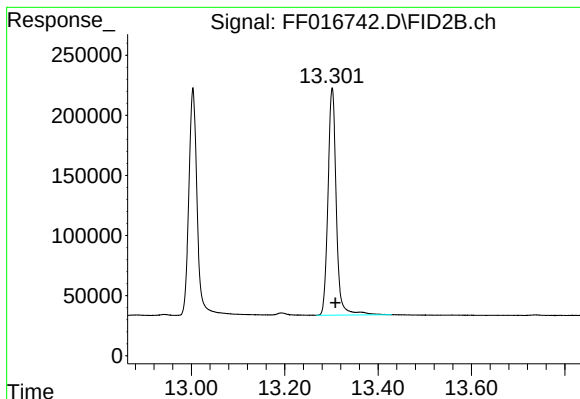
#11 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.005 min
Response: 2572727
Conc: 17.52 ug/ml



#12 Fluoranthene (C21.85)

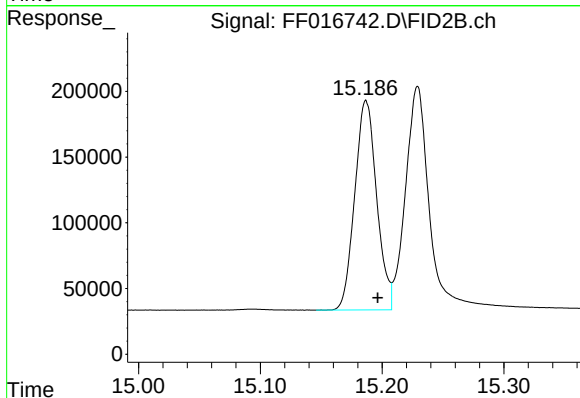
R.T.: 13.003 min
Delta R.T.: -0.007 min
Response: 2318627
Conc: 16.89 ug/ml



#13 Pyrene (C20.8)

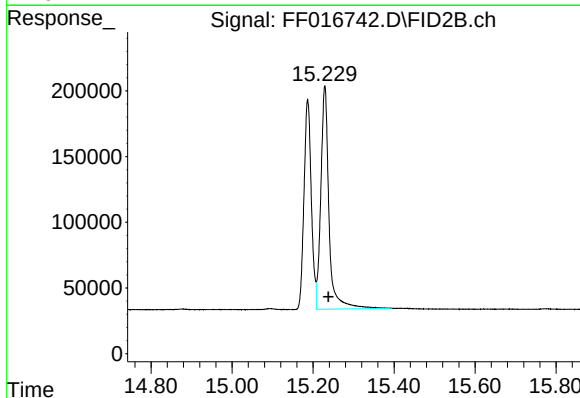
R.T.: 13.302 min
 Delta R.T.: -0.007 min
 Response: 2336555
 Conc: 17.05 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD



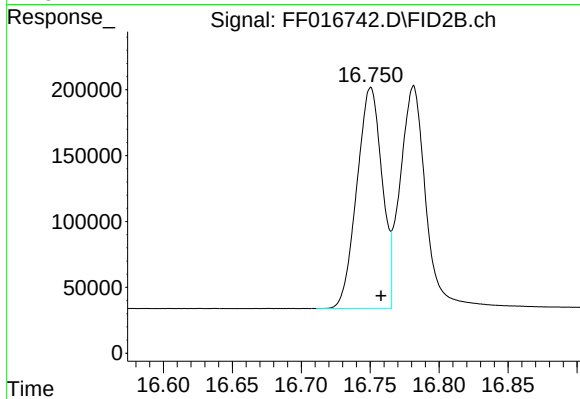
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.187 min
 Delta R.T.: -0.010 min
 Response: 1991505
 Conc: 17.49 ug/ml



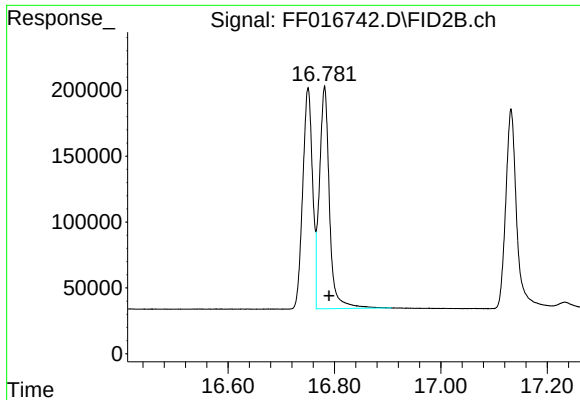
#15 Chrysene (C27.41)

R.T.: 15.229 min
 Delta R.T.: -0.009 min
 Response: 2386428
 Conc: 16.91 ug/ml



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

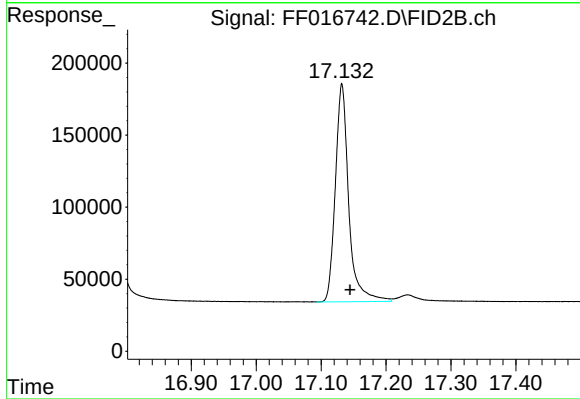
R.T.: 16.750 min
 Delta R.T.: -0.008 min
 Response: 2135586
 Conc: 19.22 ug/ml



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

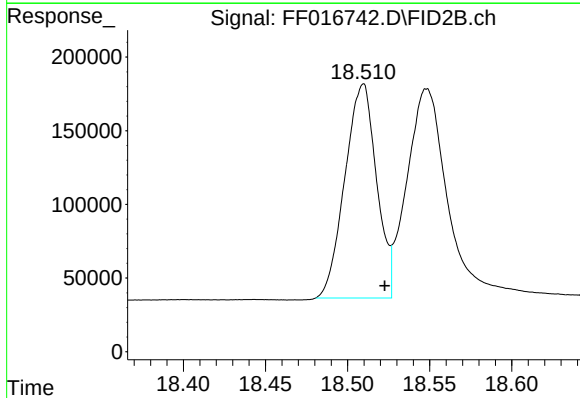
R.T.: 16.781 min
Delta R.T.: -0.008 min
Response: 2217476
Conc: 18.15 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



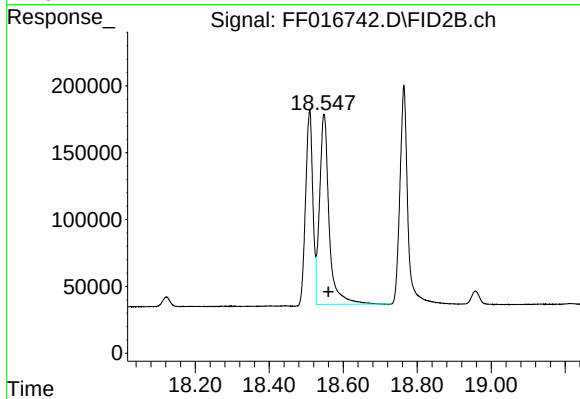
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.132 min
Delta R.T.: -0.013 min
Response: 2166133
Conc: 19.74 ug/ml



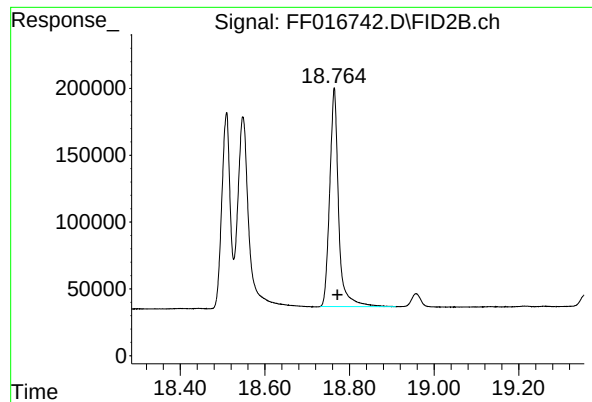
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.509 min
Delta R.T.: -0.014 min
Response: 1951541
Conc: 22.68 ug/ml



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

R.T.: 18.548 min
Delta R.T.: -0.012 min
Response: 2553599
Conc: 19.39 ug/ml



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

R.T.: 18.764 min
Delta R.T.: -0.007 min
Response: 2393273
Conc: 22.58 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD