

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025AR\
 Data File : FF016752.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 10:36
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 23:07:20 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...	8.006	2198919	19.404 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
6) S 2-Fluorobiphenyl (SURR)	8.882	1416340	19.859 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.72%
11) S ortho-Terphenyl (SURR)	11.947	2771983	18.876 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	2642459	20.074 ug/ml
2) T Naphthalene (C11.7)	6.277	2624947	19.842 ug/ml
3) T 2-Methylnaphthalene (...)	7.376	2613243	19.658 ug/ml
5) T Acenaphthylene (C15.06)	8.681	2624827	19.428 ug/ml
7) T Acenaphthene (C15.5)	8.980	2729519	19.857 ug/ml
8) T Flouorene (C16.55)	9.770	2553029	19.610 ug/ml
9) T Phenanthrene (C19.36)	11.177	2517706	19.041 ug/ml
10) T Anthracene (C19.43)	11.253	2431807	17.946 ug/ml
12) T Fluoranthene (C21.85)	13.001	2503836	18.244 ug/ml
13) T Pyrene (C20.8)	13.300	2529634	18.458 ug/ml
14) T Benzo[a]anthracene (C...	15.185	2157742	18.946 ug/ml
15) T Chrysene (C27.41)	15.228	2583194	18.305 ug/ml
16) T benzo[b]fluoranthene ...	16.748	2331647	20.980 ug/ml
17) T Bnezo[k]fluoranthene ...	16.780	2422981	19.837 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.130	2349828	21.411 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.508	2140423	24.874 ug/ml
20) T Dibenz[a,h]anthracene...	18.546	2859292	21.712 ug/ml
21) T Benzo[g,h,i]perylene ...	18.762	2615696	24.683 ug/ml

(f)=RT Delta > 1/2 Window

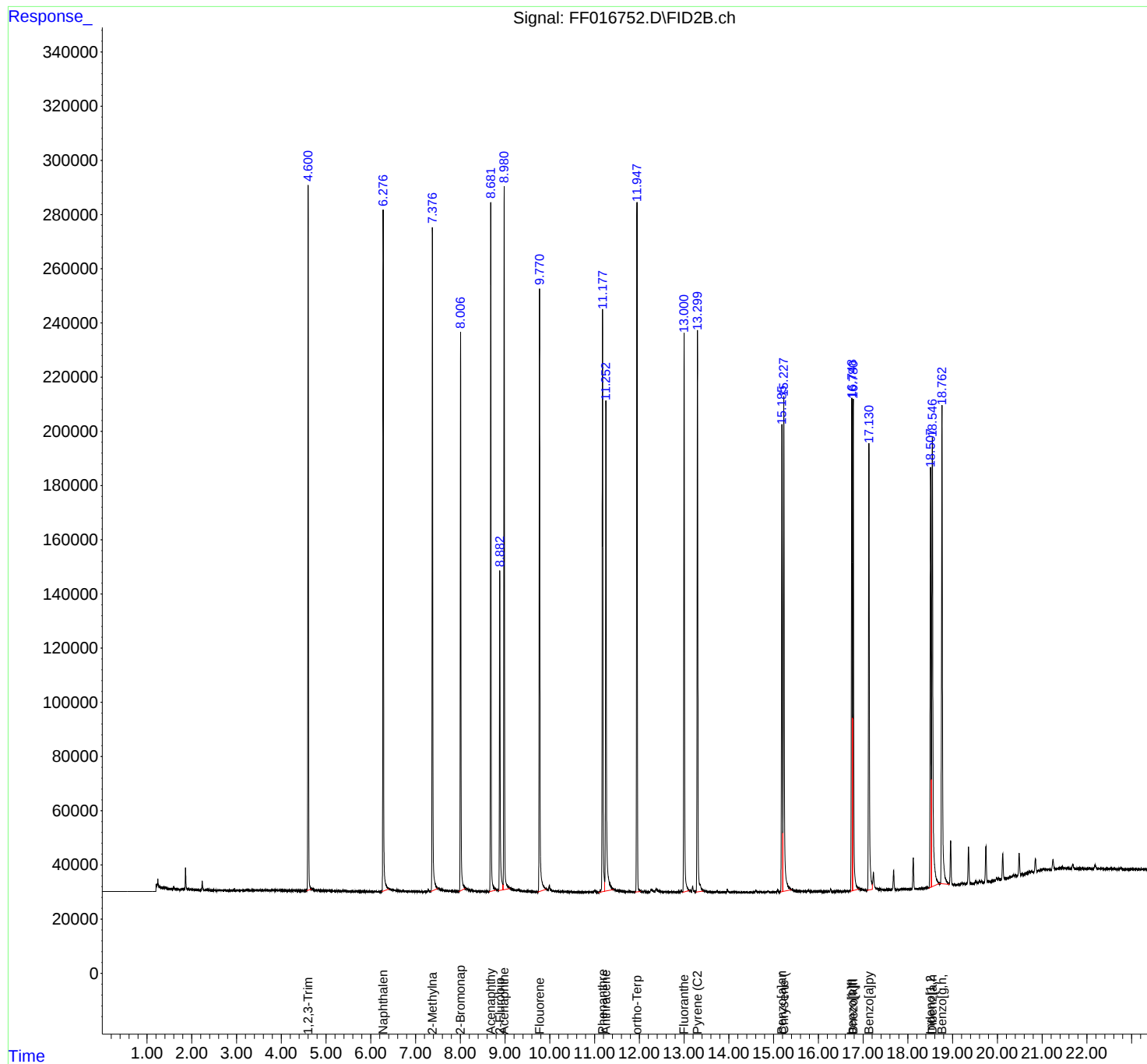
(m)=manual int.

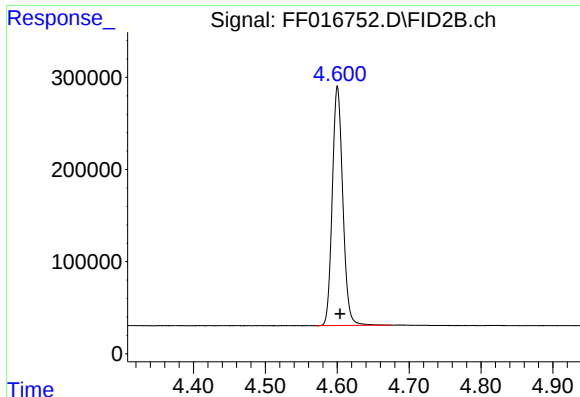
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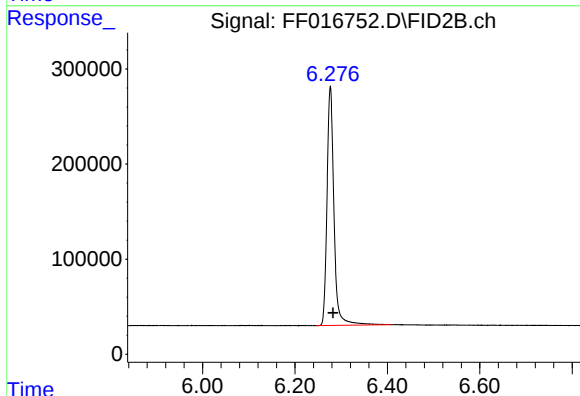




#1 1,2,3-Trimethylbenzene (C10.1)

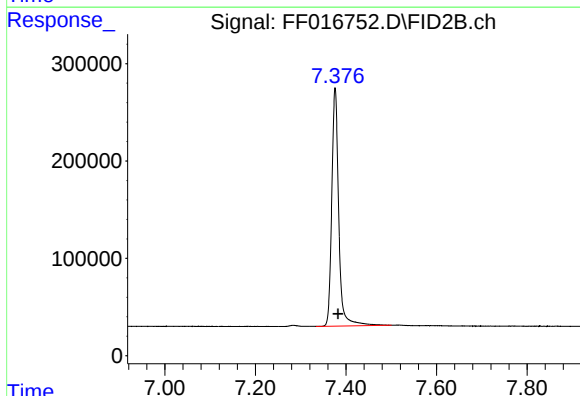
R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 2642459
Conc: 20.07 ug/ml

Instrument :
FID_E
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20 PPM AROMATIC HC STD



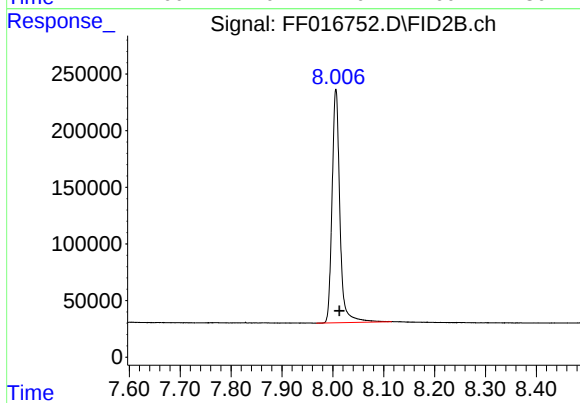
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.006 min
Response: 2624947
Conc: 19.84 ug/ml



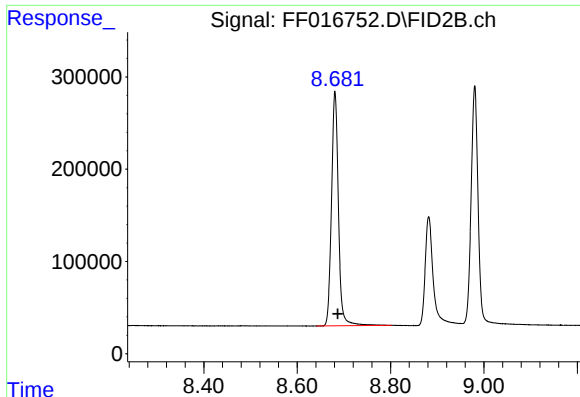
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.376 min
Delta R.T.: -0.006 min
Response: 2613243
Conc: 19.66 ug/ml



#4 2-Bromonaphthalene (SURR)

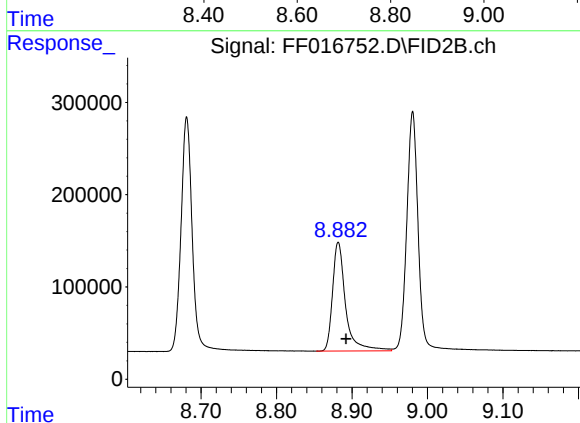
R.T.: 8.006 min
Delta R.T.: -0.007 min
Response: 2198919
Conc: 19.40 ug/ml



#5 Acenaphthylene (C15.06)

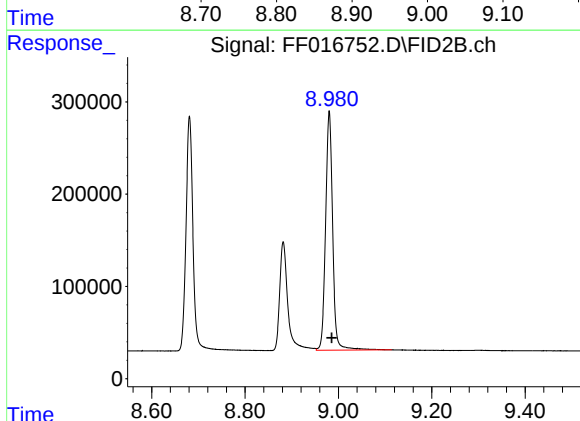
R.T.: 8.681 min
Delta R.T.: -0.006 min
Response: 2624827
Conc: 19.43 ug/ml

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20 PPM AROMATIC HC STD



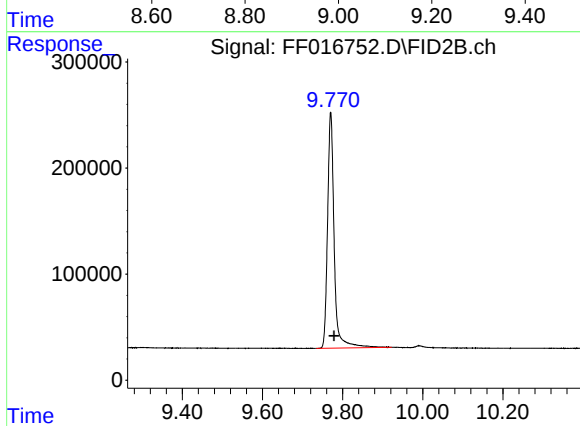
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.882 min
Delta R.T.: -0.010 min
Response: 1416340
Conc: 19.86 ug/ml



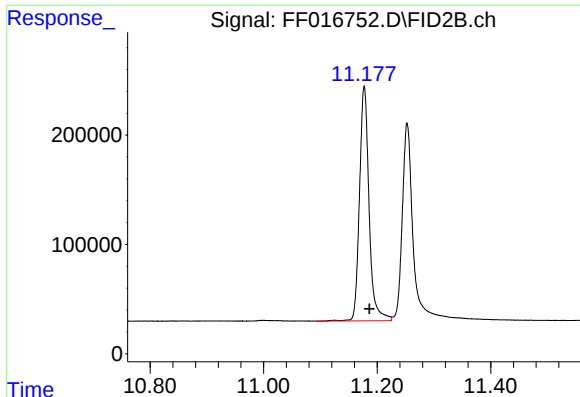
#7 Acenaphthene (C15.5)

R.T.: 8.980 min
Delta R.T.: -0.005 min
Response: 2729519
Conc: 19.86 ug/ml



#8 Fluorene (C16.55)

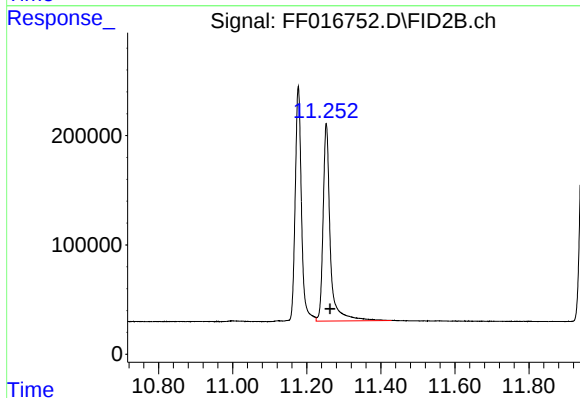
R.T.: 9.770 min
Delta R.T.: -0.009 min
Response: 2553029
Conc: 19.61 ug/ml



#9 Phenanthrene (C19.36)

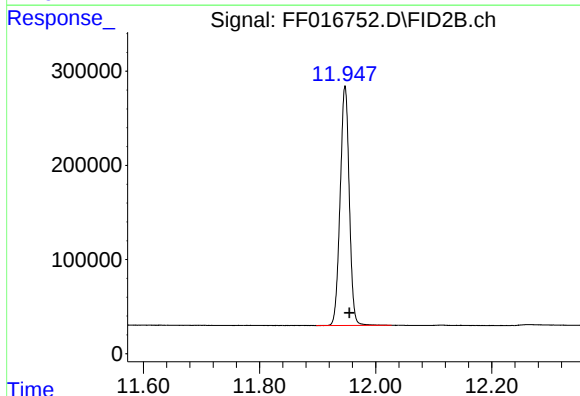
R.T.: 11.177 min
Delta R.T.: -0.009 min
Response: 2517706
Conc: 19.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM AROMATIC HC STD



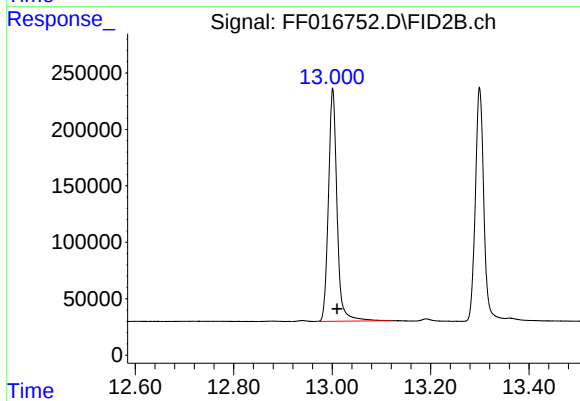
#10 Anthracene (C19.43)

R.T.: 11.253 min
Delta R.T.: -0.011 min
Response: 2431807
Conc: 17.95 ug/ml



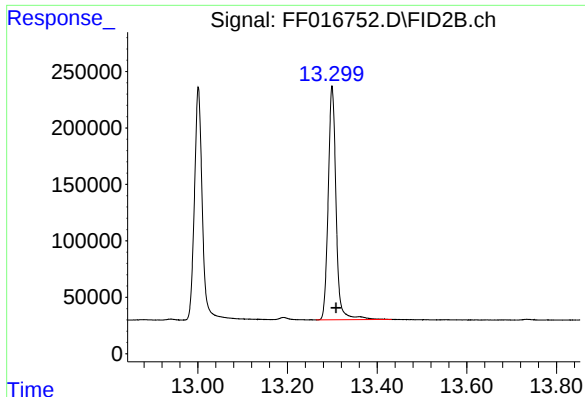
#11 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: -0.007 min
Response: 2771983
Conc: 18.88 ug/ml



#12 Fluoranthene (C21.85)

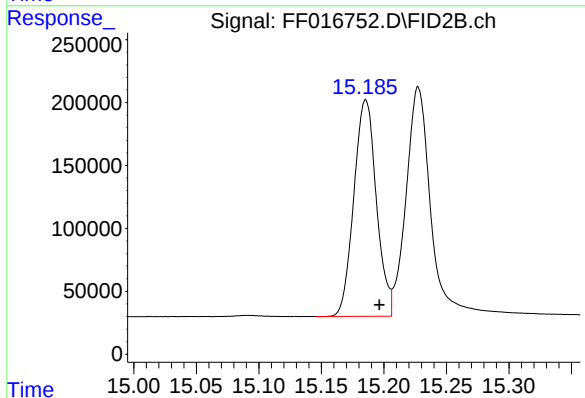
R.T.: 13.001 min
Delta R.T.: -0.009 min
Response: 2503836
Conc: 18.24 ug/ml



#13 Pyrene (C20.8)

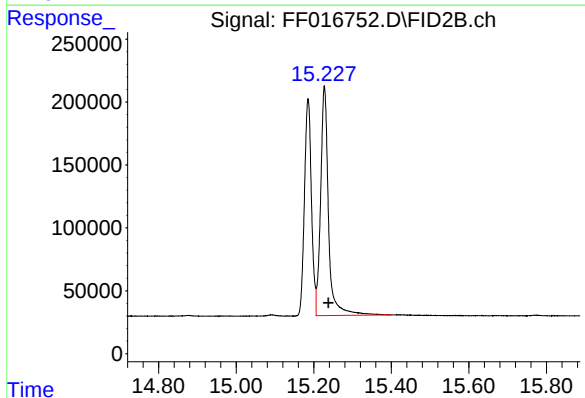
R.T.: 13.300 min
Delta R.T.: -0.009 min
Response: 2529634
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM AROMATIC HC STD



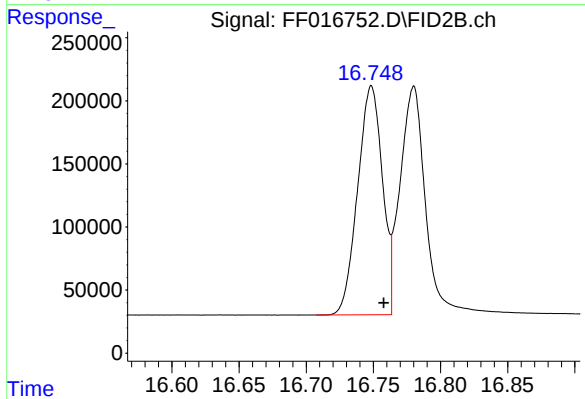
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.185 min
Delta R.T.: -0.011 min
Response: 2157742
Conc: 18.95 ug/ml



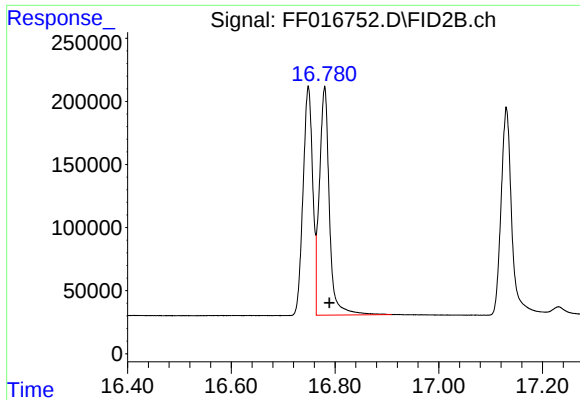
#15 Chrysene (C27.41)

R.T.: 15.228 min
Delta R.T.: -0.010 min
Response: 2583194
Conc: 18.31 ug/ml



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

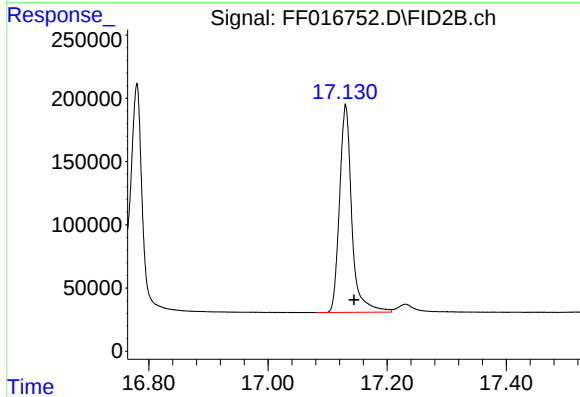
R.T.: 16.748 min
Delta R.T.: -0.009 min
Response: 2331647
Conc: 20.98 ug/ml



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

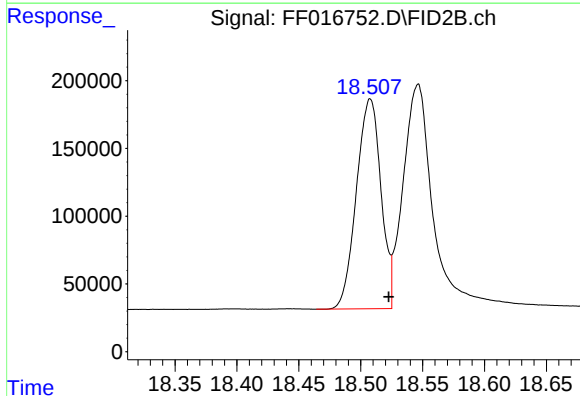
R.T.: 16.780 min
Delta R.T.: -0.010 min
Response: 2422981
Conc: 19.84 ug/ml

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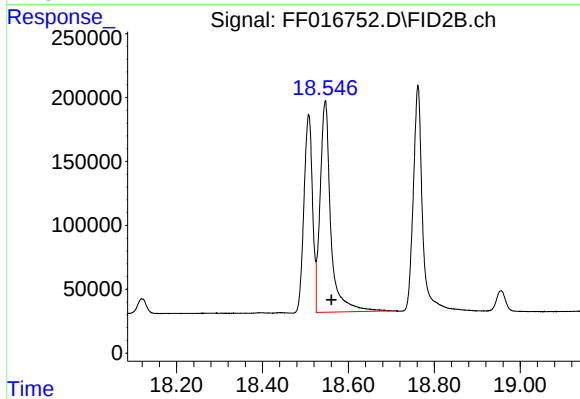
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.130 min
Delta R.T.: -0.014 min
Response: 2349828
Conc: 21.41 ug/ml



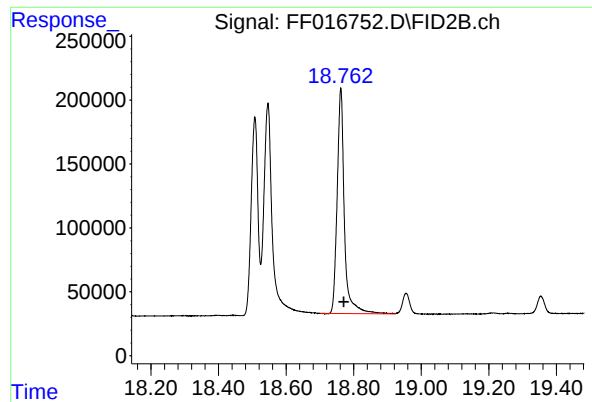
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.508 min
Delta R.T.: -0.015 min
Response: 2140423
Conc: 24.87 ug/ml



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

R.T.: 18.546 min
Delta R.T.: -0.014 min
Response: 2859292
Conc: 21.71 ug/ml



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

R.T.: 18.762 min
Delta R.T.: -0.009 min
Response: 2615696
Conc: 24.68 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM AROMATIC HC STD