

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092925AR\
 Data File : FF016469.D
 Signal(s) : FID2B.ch
 Acq On : 29 Sep 2025 14:07
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 30 01:03:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 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...	8.026	2211560	17.655 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
6) S 2-Fluorobiphenyl (SURR)	8.902	1496381	17.742 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.48%
11) S ortho-Terphenyl (SURR)	11.969	2632726	17.270 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.621	2507927	17.791 ug/ml
2) T Naphthalene (C11.7)	6.297	2576418	17.685 ug/ml
3) T 2-Methylnaphthalene (...)	7.397	2618834	17.789 ug/ml
5) T Acenaphthylene (C15.06)	8.702	2548044	17.583 ug/ml
7) T Acenaphthene (C15.5)	9.001	2566437	17.895 ug/ml
8) T Flouorene (C16.55)	9.791	2547498	17.634 ug/ml
9) T Phenanthrene (C19.36)	11.199	2520761	17.282 ug/ml
10) T Anthracene (C19.43)	11.273	2443172	17.077 ug/ml
12) T Fluoranthene (C21.85)	13.022	2483340	17.003 ug/ml
13) T Pyrene (C20.8)	13.320	2399832	16.747 ug/ml
14) T Benzo[a]anthracene (C...	15.204	2245870	16.499 ug/ml
15) T Chrysene (C27.41)	15.246	2376725	16.662 ug/ml
16) T benzo[b]fluoranthene ...	16.765	2229841	16.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.796	2189119	17.392 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	2215712	17.352 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.519	2019062	17.705 ug/ml
20) T Dibenz[a,h]anthracene...	18.560	2369349	18.149 ug/ml
21) T Benzo[g,h,i]perylene ...	18.776	2216604	18.001 ug/ml

(f)=RT Delta > 1/2 Window

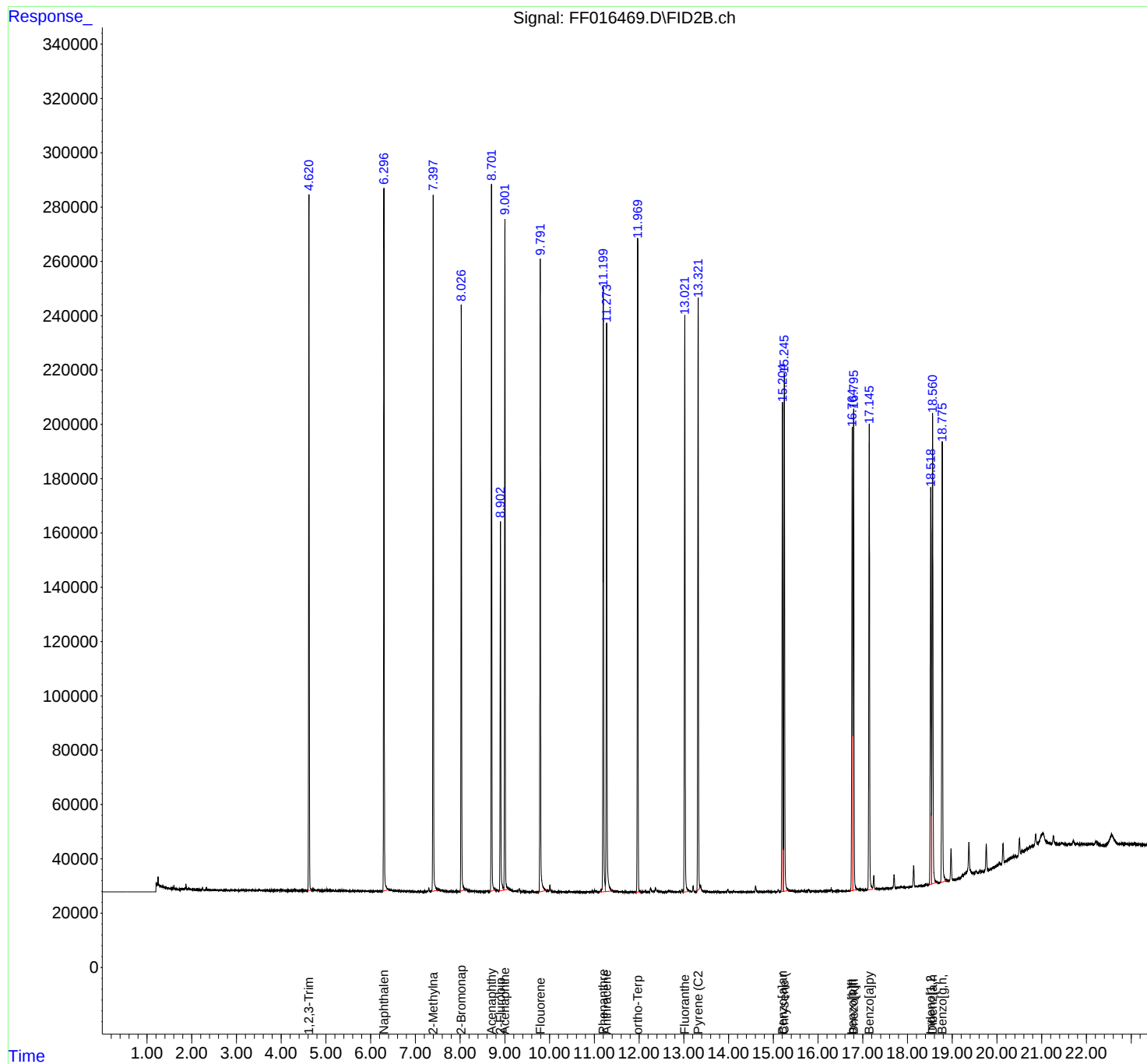
(m)=manual int.

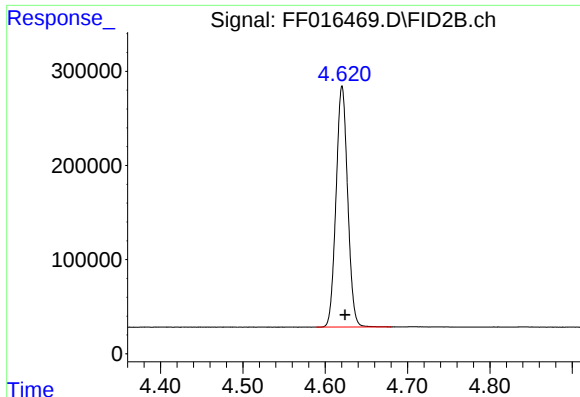
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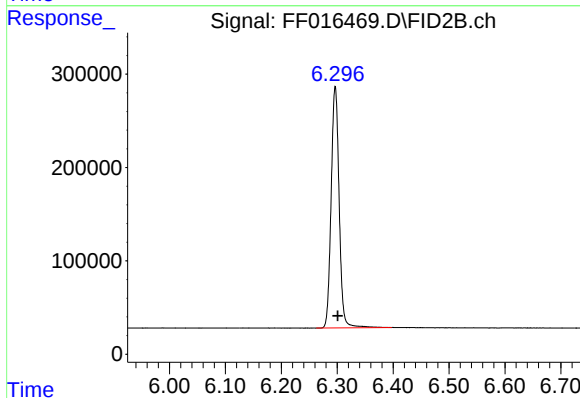




#1 1,2,3-Trimethylbenzene (C10.1)

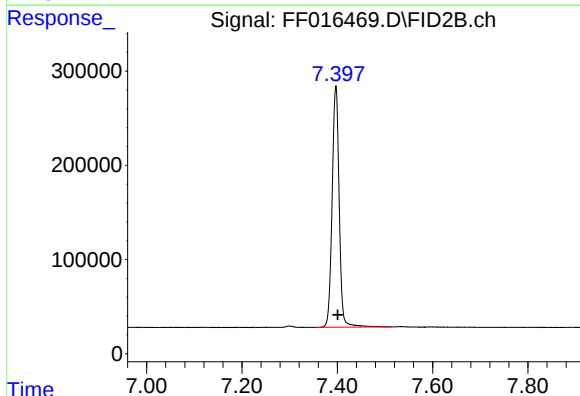
R.T.: 4.621 min
Delta R.T.: -0.003 min
Response: 2507927
Conc: 17.79 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



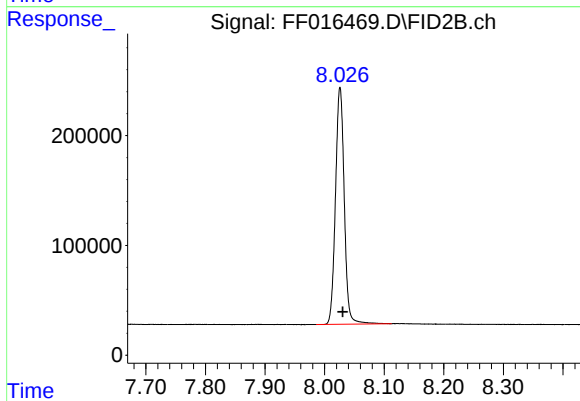
#2 Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.005 min
Response: 2576418
Conc: 17.69 ug/ml



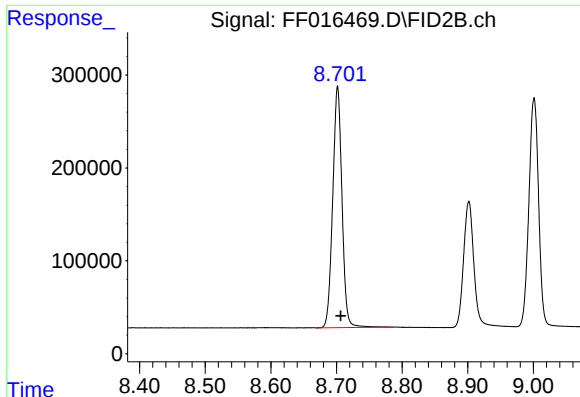
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.397 min
Delta R.T.: -0.004 min
Response: 2618834
Conc: 17.79 ug/ml



#4 2-Bromonaphthalene (SURR)

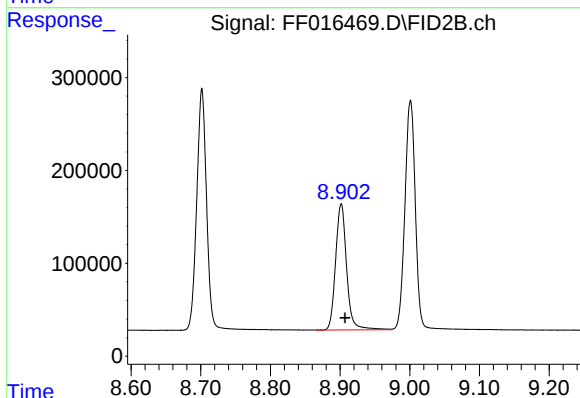
R.T.: 8.026 min
Delta R.T.: -0.005 min
Response: 2211560
Conc: 17.65 ug/ml



#5 Acenaphthylene (C15.06)

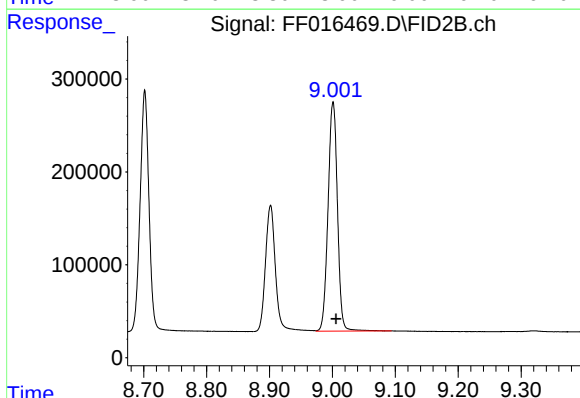
R.T.: 8.702 min
Delta R.T.: -0.005 min
Response: 2548044
Conc: 17.58 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



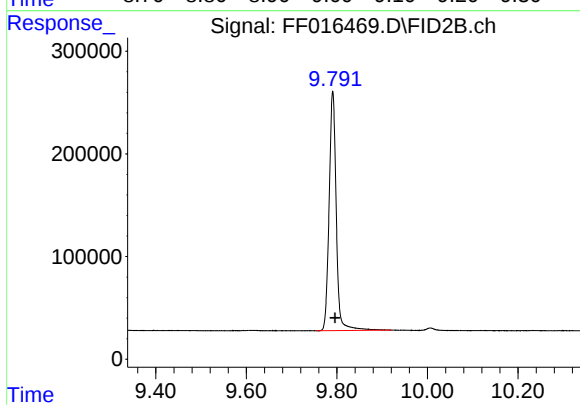
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 1496381
Conc: 17.74 ug/ml



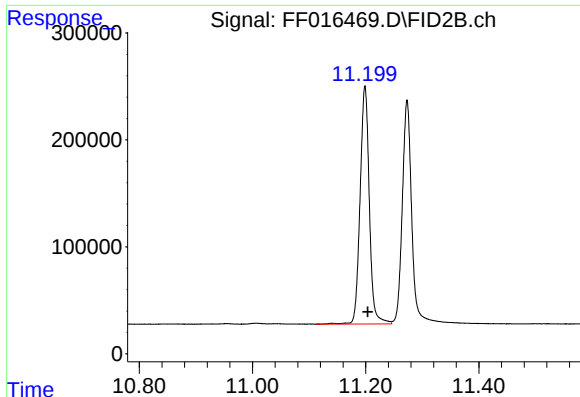
#7 Acenaphthene (C15.5)

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 2566437
Conc: 17.89 ug/ml



#8 Fluorene (C16.55)

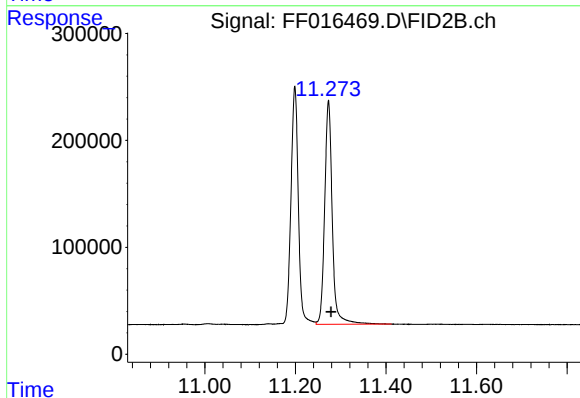
R.T.: 9.791 min
Delta R.T.: -0.005 min
Response: 2547498
Conc: 17.63 ug/ml



#9 Phenanthrene (C19.36)

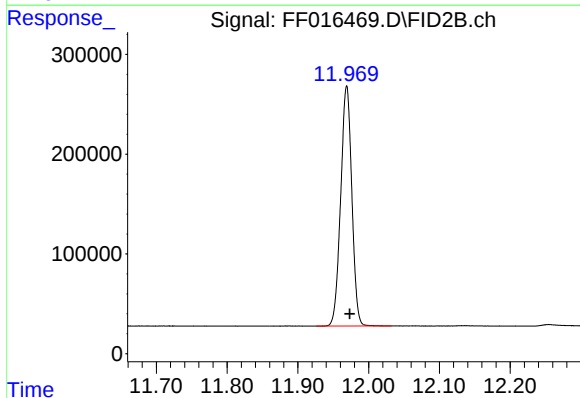
R.T.: 11.199 min
Delta R.T.: -0.005 min
Response: 2520761
Conc: 17.28 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



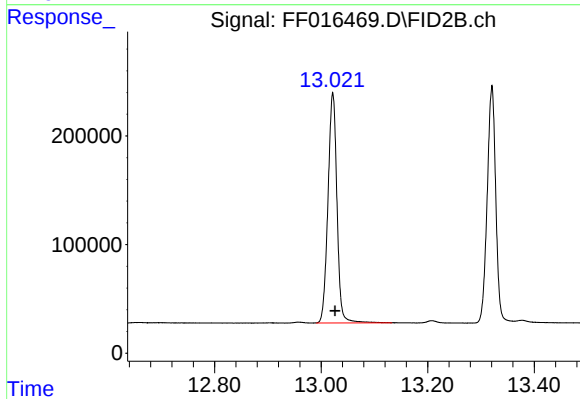
#10 Anthracene (C19.43)

R.T.: 11.273 min
Delta R.T.: -0.006 min
Response: 2443172
Conc: 17.08 ug/ml



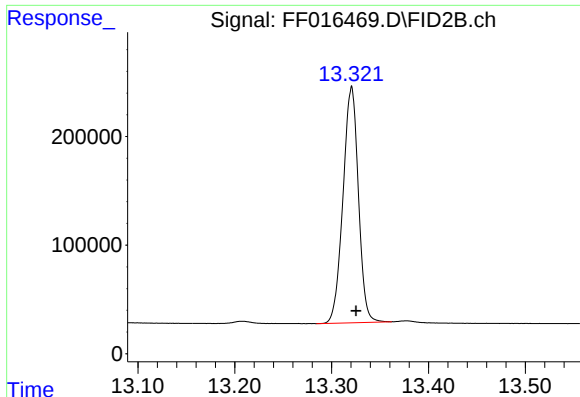
#11 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.005 min
Response: 2632726
Conc: 17.27 ug/ml



#12 Fluoranthene (C21.85)

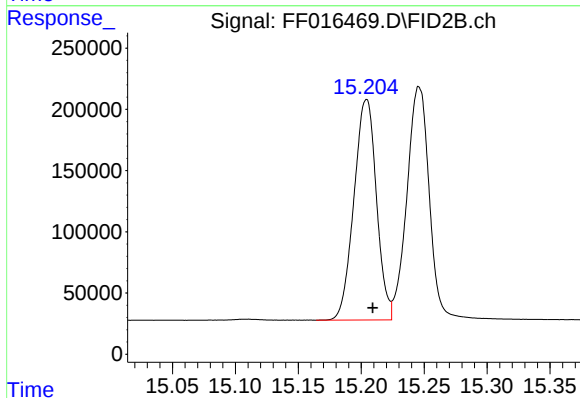
R.T.: 13.022 min
Delta R.T.: -0.005 min
Response: 2483340
Conc: 17.00 ug/ml



#13 Pyrene (C20.8)

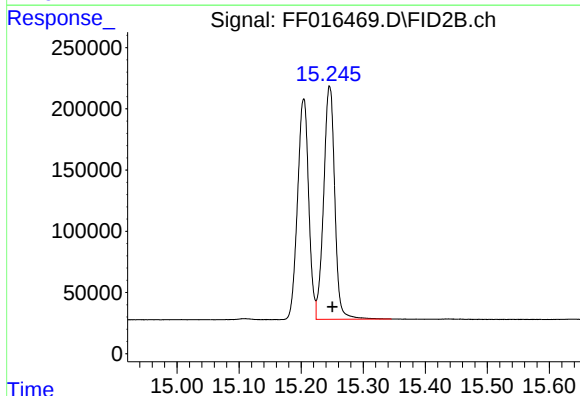
R.T.: 13.320 min
Delta R.T.: -0.005 min
Response: 2399832
Conc: 16.75 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



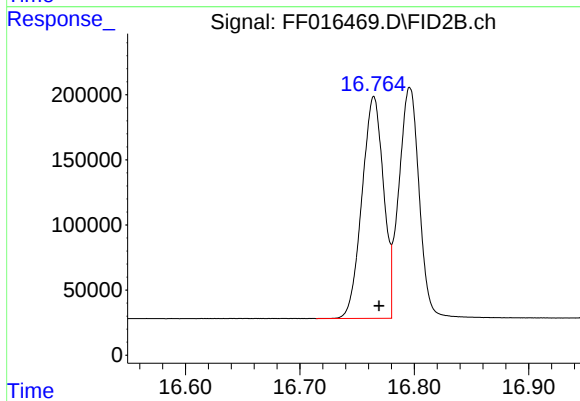
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.204 min
Delta R.T.: -0.005 min
Response: 2245870
Conc: 16.50 ug/ml



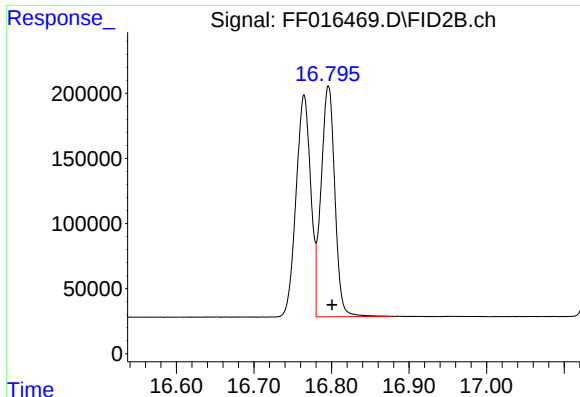
#15 Chrysene (C27.41)

R.T.: 15.246 min
Delta R.T.: -0.005 min
Response: 2376725
Conc: 16.66 ug/ml



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

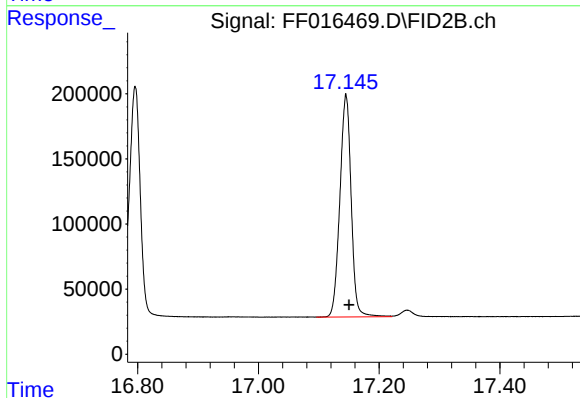
R.T.: 16.765 min
Delta R.T.: -0.005 min
Response: 2229841
Conc: 16.97 ug/ml



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

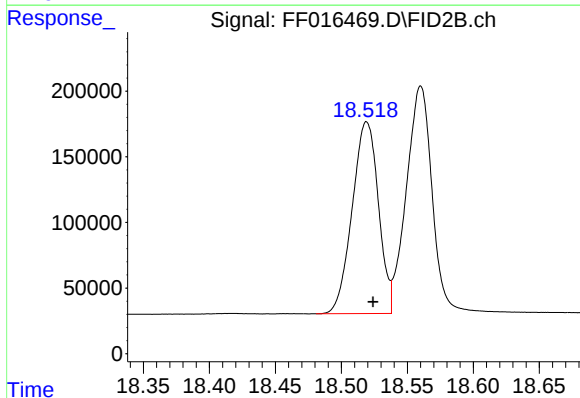
R.T.: 16.796 min
Delta R.T.: -0.005 min
Response: 2189119
Conc: 17.39 ug/ml

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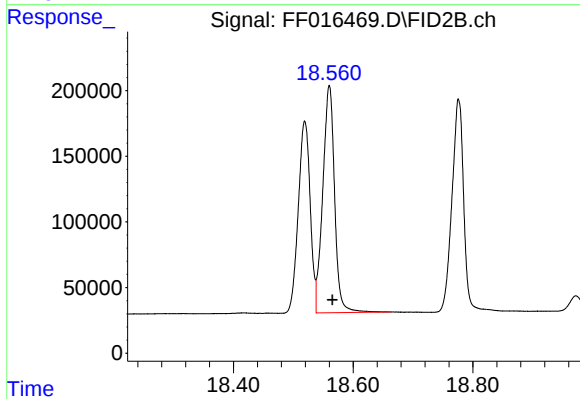
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: -0.005 min
Response: 2215712
Conc: 17.35 ug/ml



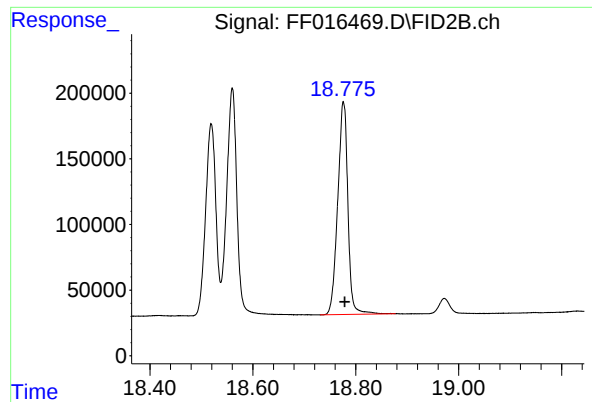
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.519 min
Delta R.T.: -0.005 min
Response: 2019062
Conc: 17.71 ug/ml



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

R.T.: 18.560 min
Delta R.T.: -0.005 min
Response: 2369349
Conc: 18.15 ug/ml



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

R.T.: 18.776 min
Delta R.T.: -0.002 min
Response: 2216604
Conc: 18.00 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD