

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AR\
 Data File : FF016524.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 20:28
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 04:17:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:15:38 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...	8.023	2051498	18.159 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
6) S 2-Fluorobiphenyl (SURR)	8.898	1388628	18.529 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.06%
11) S ortho-Terphenyl (SURR)	11.966	2549682	17.915 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.617	2300773	18.172 ug/ml
2) T Naphthalene (C11.7)	6.293	2367794	18.231 ug/ml
3) T 2-Methylnaphthalene (...)	7.393	2419644	18.326 ug/ml
5) T Acenaphthylene (C15.06)	8.698	2412247	18.090 ug/ml
7) T Acenaphthene (C15.5)	8.998	2410038	18.216 ug/ml
8) T Flouorene (C16.55)	9.788	2392427	18.441 ug/ml
9) T Phenanthrene (C19.36)	11.195	2413851	18.030 ug/ml
10) T Anthracene (C19.43)	11.270	2469626	18.590 ug/ml
12) T Fluoranthene (C21.85)	13.019	2474255	17.936 ug/ml
13) T Pyrene (C20.8)	13.318	2386552	17.698 ug/ml
14) T Benzo[a]anthracene (C...	15.202	2282054	18.081 ug/ml
15) T Chrysene (C27.41)	15.244	2472513	17.833 ug/ml
16) T benzo[b]fluoranthene ...	16.763	2223908	17.885 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	2227368	17.860 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.143	2174408	17.891 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.517	1848953	17.618 ug/ml
20) T Dibenz[a,h]anthracene...	18.558	2236210	16.999 ug/ml
21) T Benzo[g,h,i]perylene ...	18.773	2056414	17.937 ug/ml

(f)=RT Delta > 1/2 Window

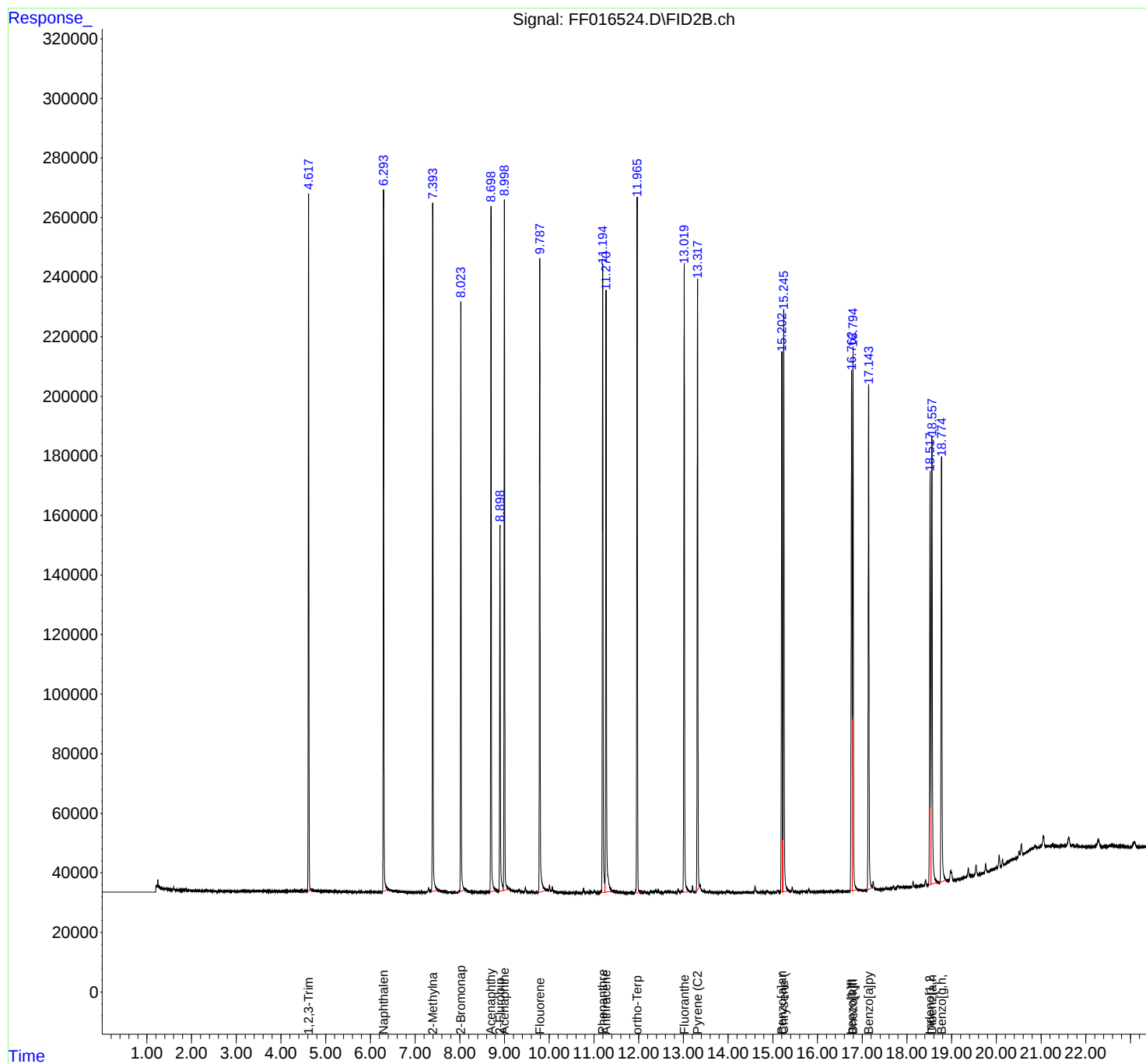
(m)=manual int.

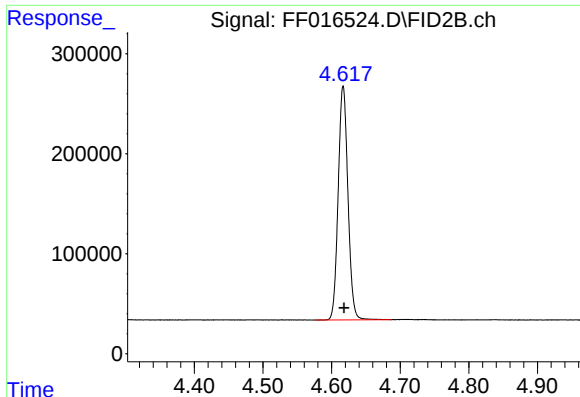
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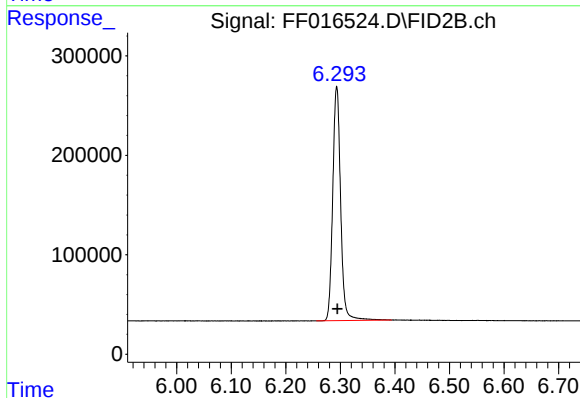




#1 1,2,3-Trimethylbenzene (C10.1)

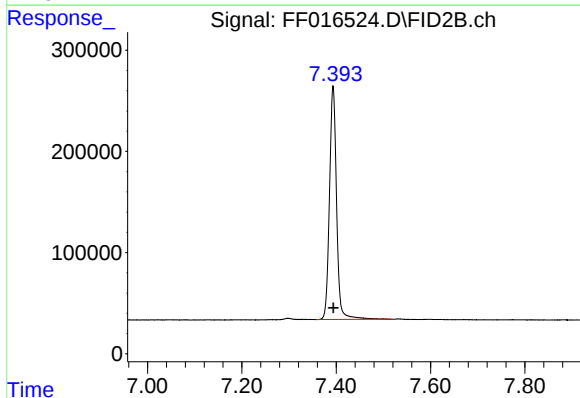
R.T.: 4.617 min
Delta R.T.: -0.001 min
Response: 2300773
Conc: 18.17 ug/ml

Instrument :
FID_F
ClientSampleId :



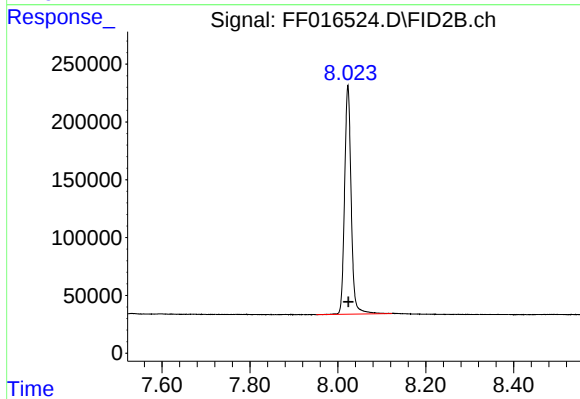
#2 Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.001 min
Response: 2367794
Conc: 18.23 ug/ml



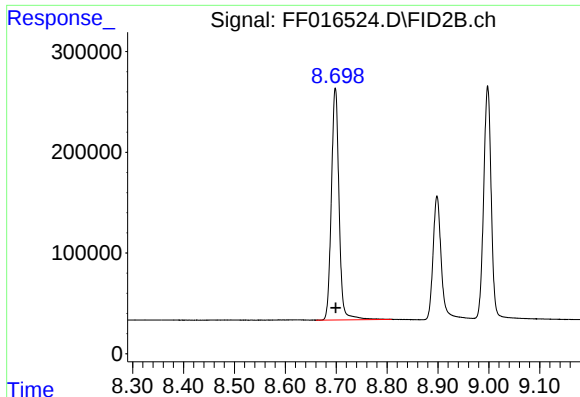
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 2419644
Conc: 18.33 ug/ml



#4 2-Bromonaphthalene (SURR)

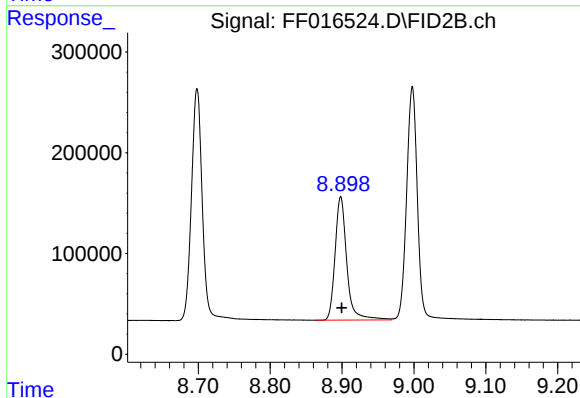
R.T.: 8.023 min
Delta R.T.: -0.001 min
Response: 2051498
Conc: 18.16 ug/ml



#5 Acenaphthylene (C15.06)

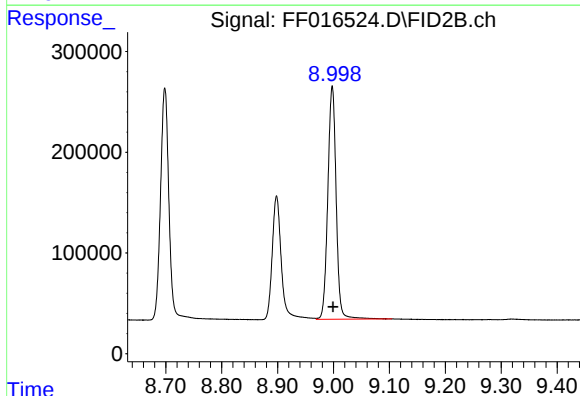
R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 2412247
Conc: 18.09 ug/ml

Instrument :
FID_F
ClientSampleId :



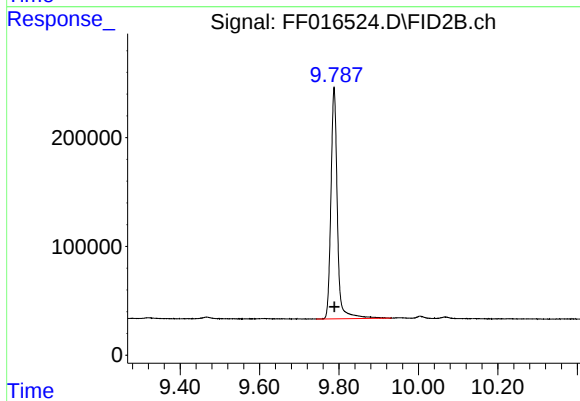
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.898 min
Delta R.T.: -0.001 min
Response: 1388628
Conc: 18.53 ug/ml



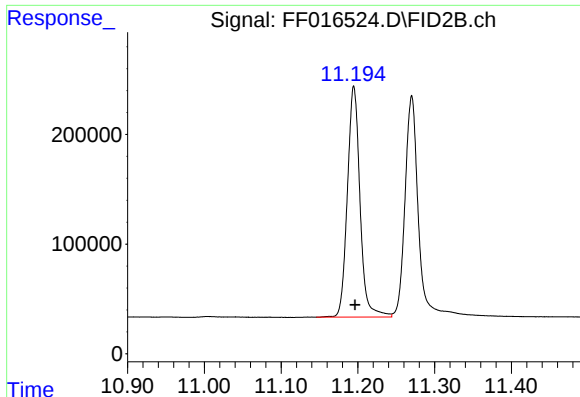
#7 Acenaphthene (C15.5)

R.T.: 8.998 min
Delta R.T.: -0.001 min
Response: 2410038
Conc: 18.22 ug/ml



#8 Fluorene (C16.55)

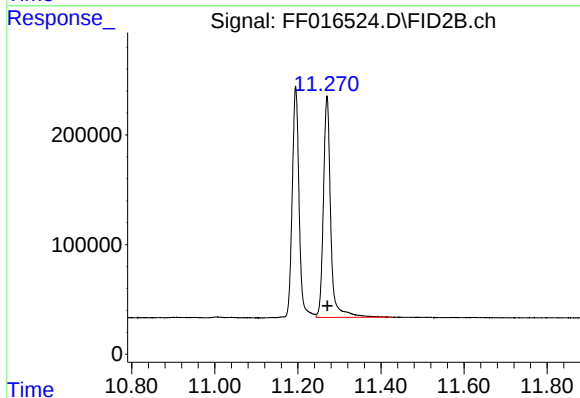
R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 2392427
Conc: 18.44 ug/ml



#9 Phenanthrene (C19.36)

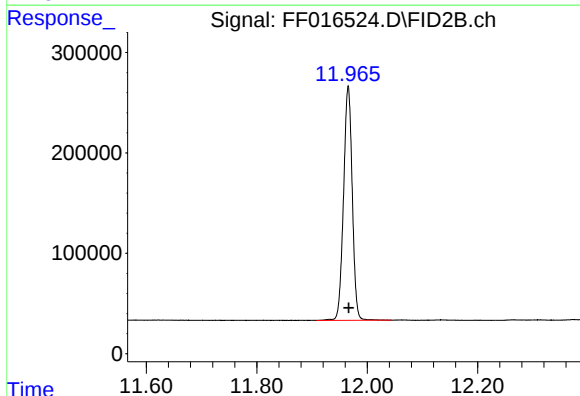
R.T.: 11.195 min
Delta R.T.: -0.002 min
Response: 2413851
Conc: 18.03 ug/ml

Instrument :
FID_F
ClientSampleId :



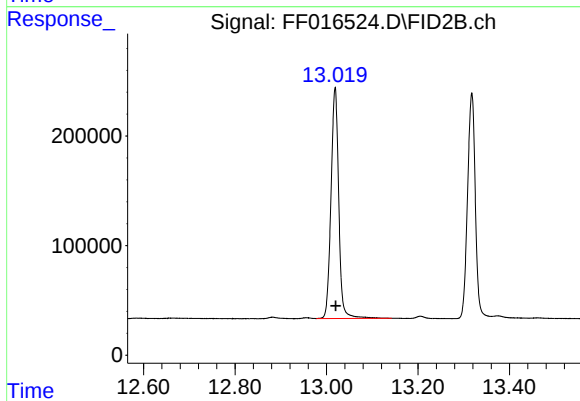
#10 Anthracene (C19.43)

R.T.: 11.270 min
Delta R.T.: -0.001 min
Response: 2469626
Conc: 18.59 ug/ml



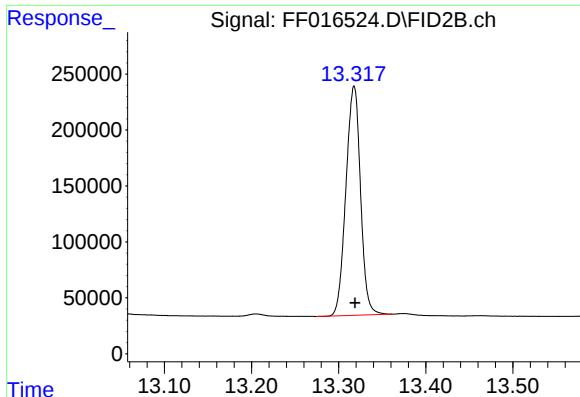
#11 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 2549682
Conc: 17.92 ug/ml



#12 Fluoranthene (C21.85)

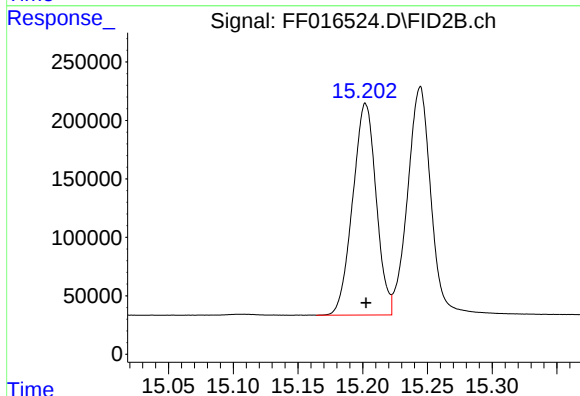
R.T.: 13.019 min
Delta R.T.: -0.001 min
Response: 2474255
Conc: 17.94 ug/ml



#13 Pyrene (C20.8)

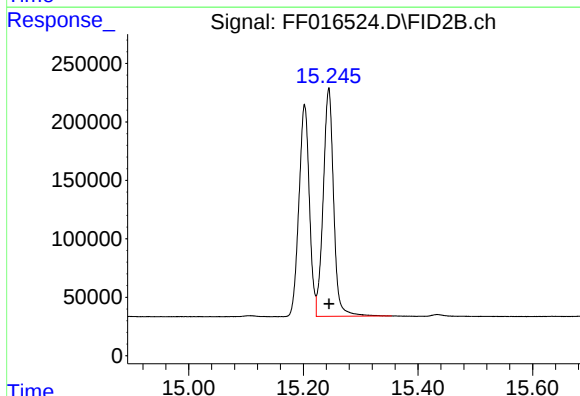
R.T.: 13.318 min
Delta R.T.: -0.001 min
Response: 2386552
Conc: 17.70 ug/ml

Instrument :
FID_F
ClientSampleId :



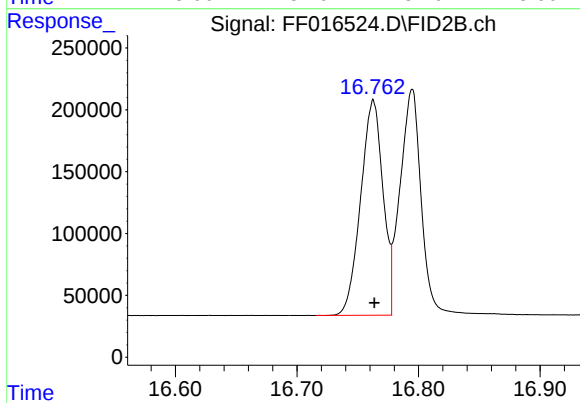
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 2282054
Conc: 18.08 ug/ml



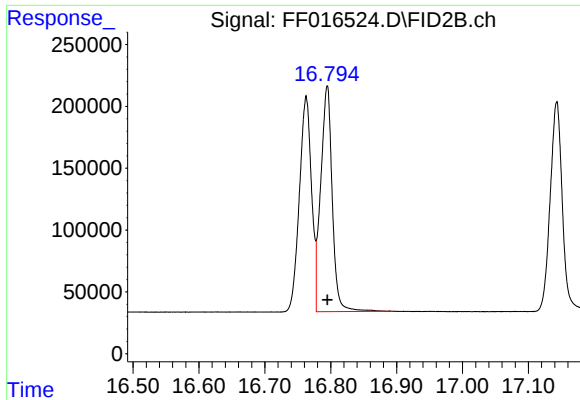
#15 Chrysene (C27.41)

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 2472513
Conc: 17.83 ug/ml



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

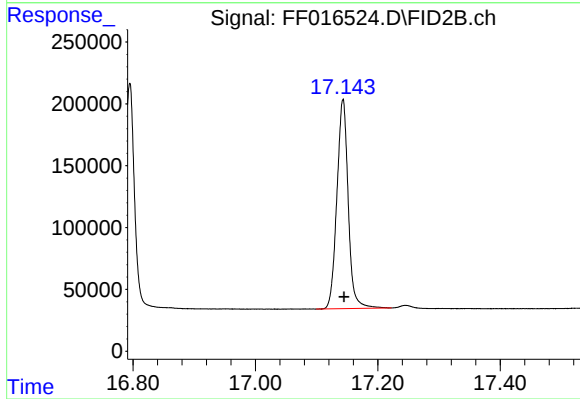
R.T.: 16.763 min
Delta R.T.: -0.001 min
Response: 2223908
Conc: 17.88 ug/ml



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

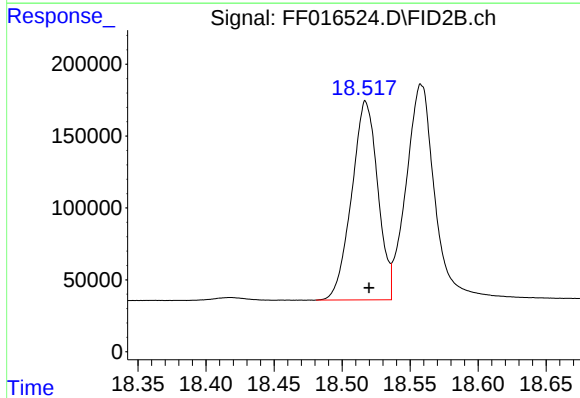
R.T.: 16.794 min
Delta R.T.: 0.000 min
Response: 2227368
Conc: 17.86 ug/ml

Instrument :
FID_F
ClientSampleId :



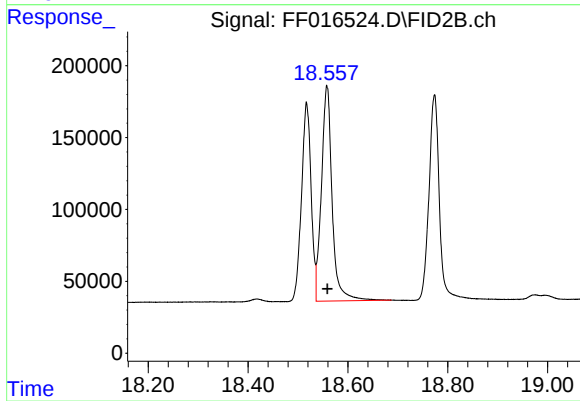
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.143 min
Delta R.T.: -0.002 min
Response: 2174408
Conc: 17.89 ug/ml



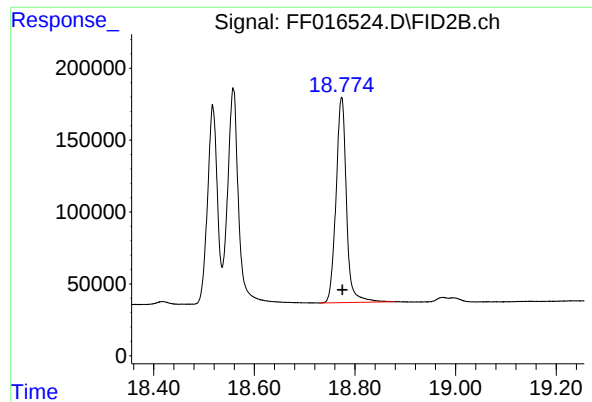
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.517 min
Delta R.T.: -0.002 min
Response: 1848953
Conc: 17.62 ug/ml



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

R.T.: 18.558 min
Delta R.T.: 0.000 min
Response: 2236210
Conc: 17.00 ug/ml



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

R.T.: 18.773 min
Delta R.T.: -0.002 min
Response: 2056414
Conc: 17.94 ug/ml

Instrument :

FID_F

ClientSampleId :