

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022725AR\
 Data File : FG015420.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 18:48
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 28 02:26:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:10:05 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...	7.979	2469331	21.035 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
6) S 2-Fluorobiphenyl (SURR)	8.857	1657860	21.257 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.51%
11) S ortho-Terphenyl (SURR)	11.931	2868173	21.302 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.569	2745707	21.023 ug/ml
2) T Naphthalene (C11.7)	6.248	2765246	20.985 ug/ml
3) T 2-Methylnaphthalene (...)	7.349	2700644	20.997 ug/ml
5) T Acenaphthylene (C15.06)	8.655	2791136	21.102 ug/ml
7) T Acenaphthene (C15.5)	8.956	2727558	21.061 ug/ml
8) T Flouorene (C16.55)	9.748	2741451	21.068 ug/ml
9) T Phenanthrene (C19.36)	11.160	2686135	21.161 ug/ml
10) T Anthracene (C19.43)	11.235	2539659	20.705 ug/ml
12) T Fluoranthene (C21.85)	12.987	2705741	21.366 ug/ml
13) T Pyrene (C20.8)	13.286	2682636	21.317 ug/ml
14) T Benzo[a]anthracene (C...	15.173	2580727	21.015 ug/ml
15) T Chrysene (C27.41)	15.215	2647385	21.161 ug/ml
16) T benzo[b]fluoranthene ...	16.736	2682571	20.793 ug/ml
17) T Bnezo[k]fluoranthene ...	16.768	2714742	20.994 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.117	2538471	20.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	2047419	16.699 ug/ml
20) T Dibenz[a,h]anthracene...	18.530	2423141	17.805 ug/ml
21) T Benzo[g,h,i]perylene ...	18.748	2298381	17.523 ug/ml

(f)=RT Delta > 1/2 Window

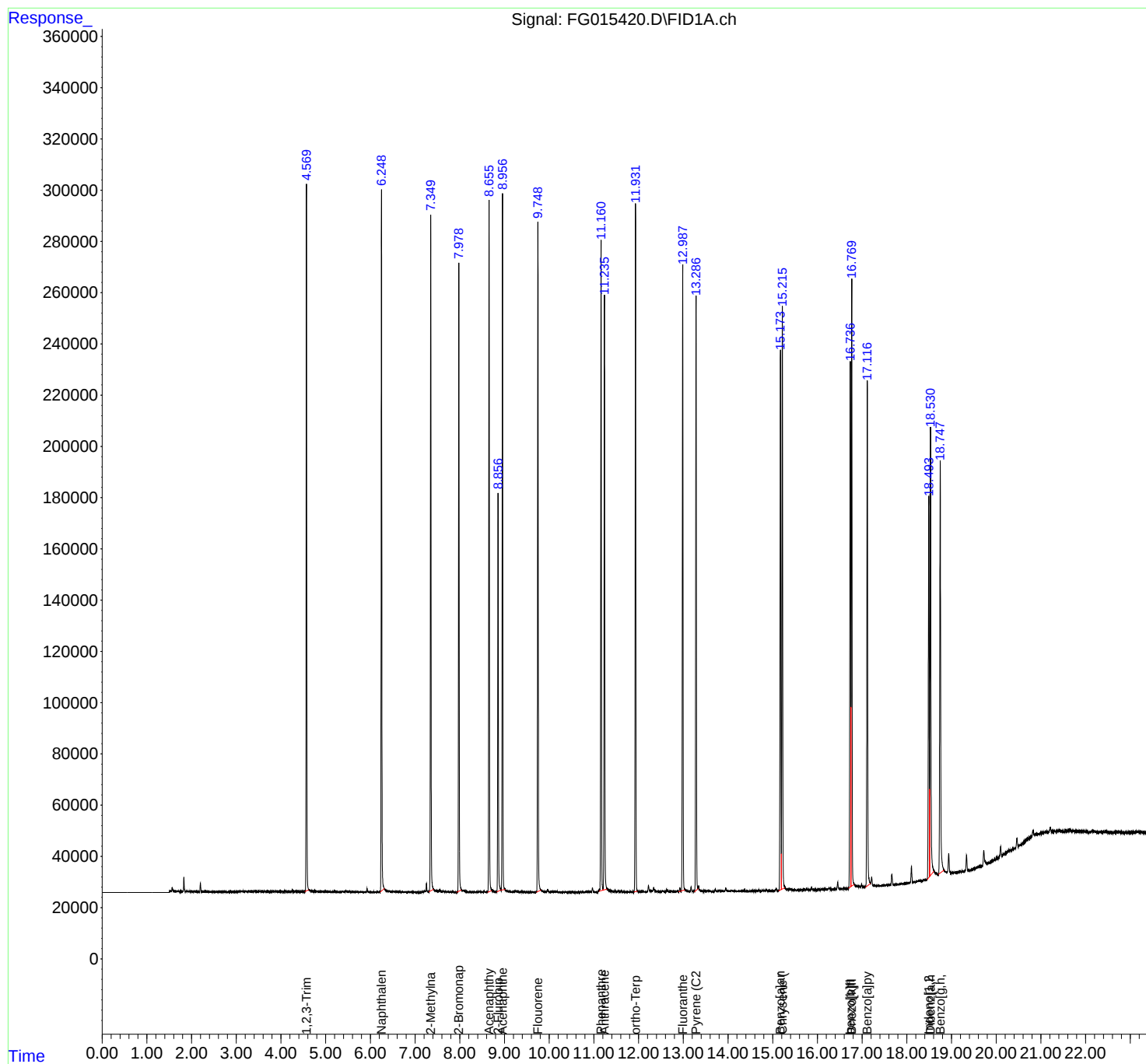
(m)=manual int.

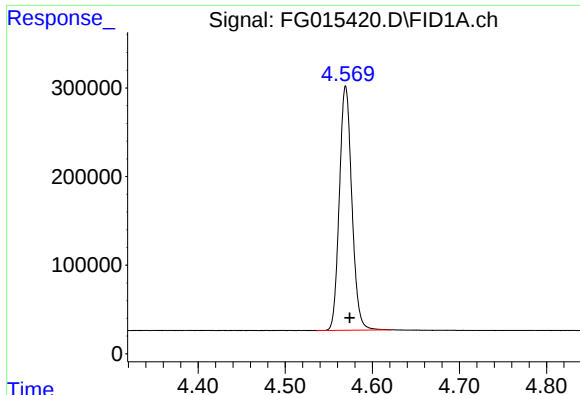
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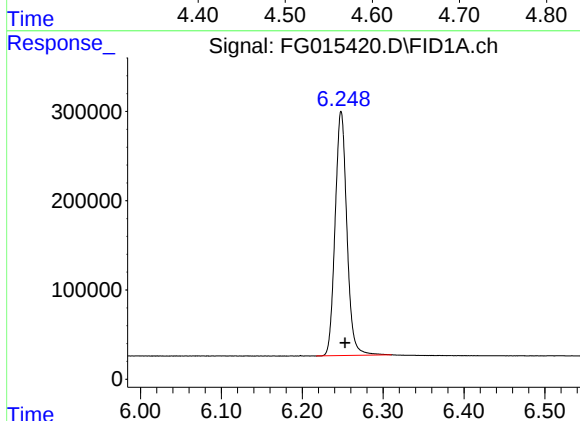




#1 1,2,3-Trimethylbenzene (C10.1)

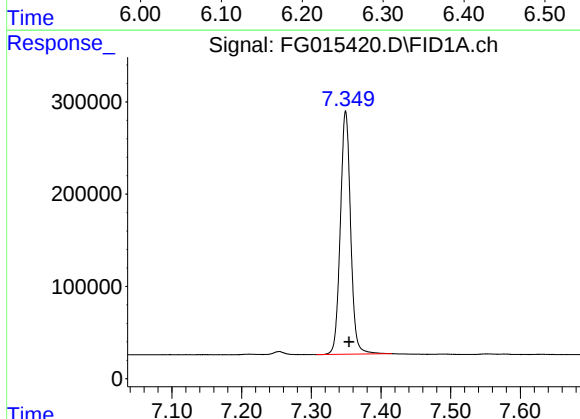
R.T.: 4.569 min
Delta R.T.: -0.005 min
Response: 2745707
Conc: 21.02 ug/ml

Instrument :
FID_G
ClientSampleId :



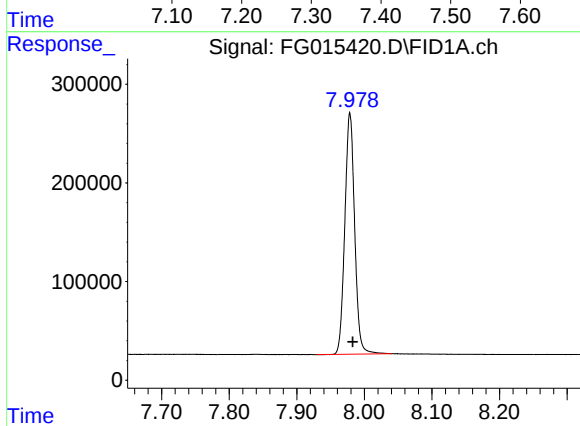
#2 Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.005 min
Response: 2765246
Conc: 20.99 ug/ml



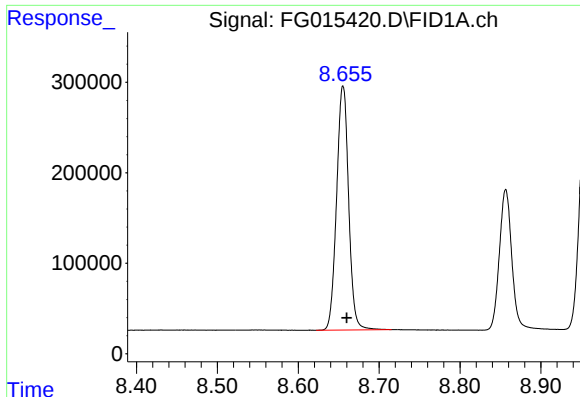
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 2700644
Conc: 21.00 ug/ml



#4 2-Bromonaphthalene (SURR)

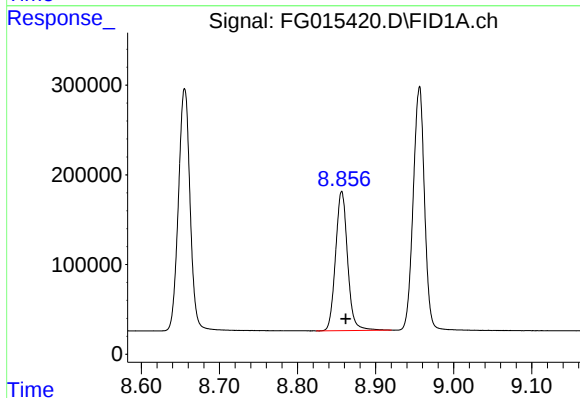
R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 2469331
Conc: 21.04 ug/ml



#5 Acenaphthylene (C15.06)

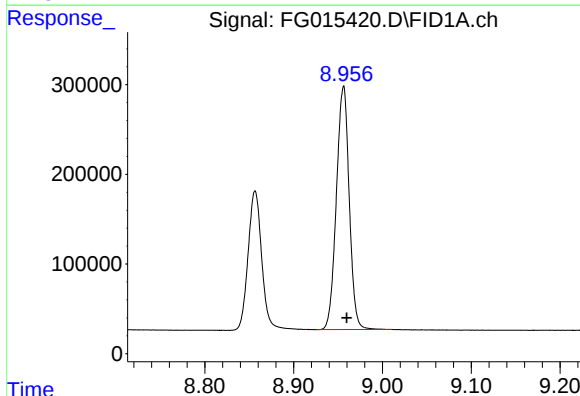
R.T.: 8.655 min
Delta R.T.: -0.005 min
Response: 2791136
Conc: 21.10 ug/ml

Instrument :
FID_G
ClientSampleId :



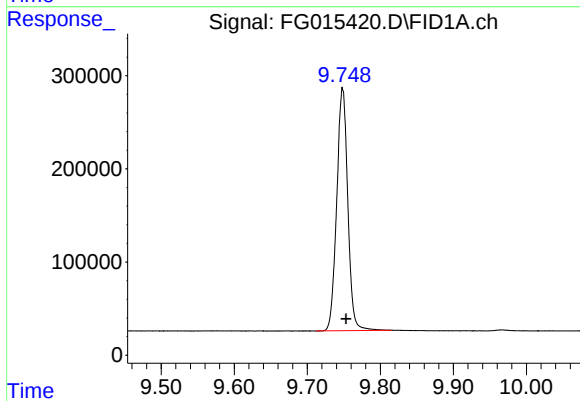
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.857 min
Delta R.T.: -0.005 min
Response: 1657860
Conc: 21.26 ug/ml



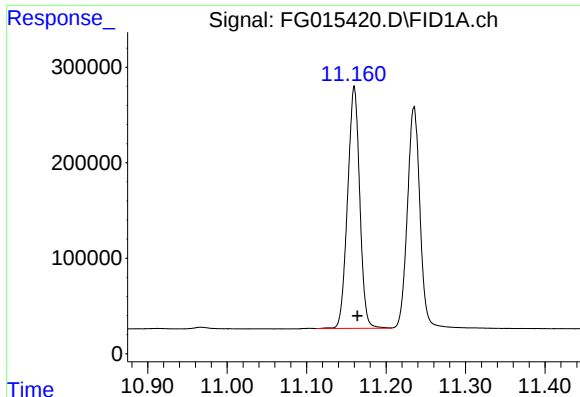
#7 Acenaphthene (C15.5)

R.T.: 8.956 min
Delta R.T.: -0.004 min
Response: 2727558
Conc: 21.06 ug/ml



#8 Fluorene (C16.55)

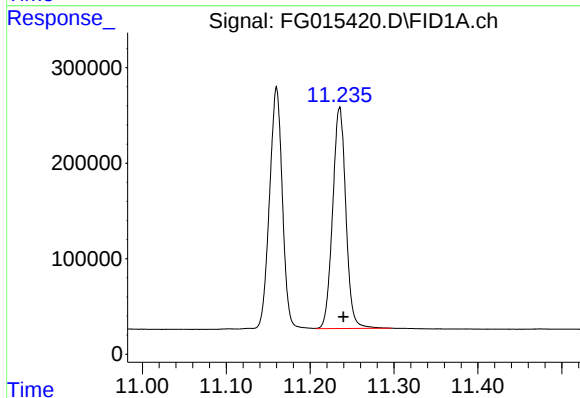
R.T.: 9.748 min
Delta R.T.: -0.005 min
Response: 2741451
Conc: 21.07 ug/ml



#9 Phenanthrene (C19.36)

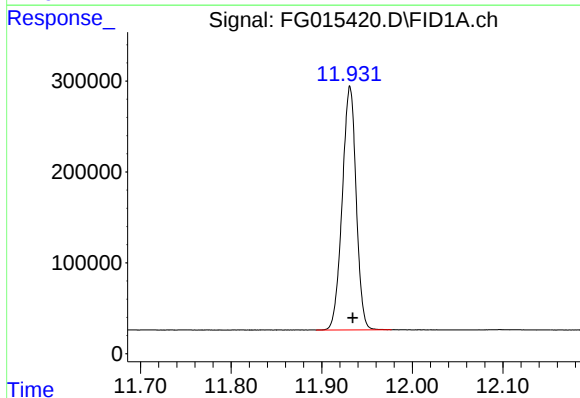
R.T.: 11.160 min
Delta R.T.: -0.004 min
Response: 2686135
Conc: 21.16 ug/ml

Instrument :
FID_G
ClientSampleId :



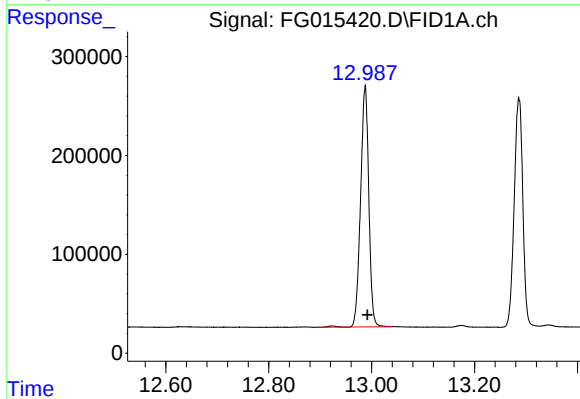
#10 Anthracene (C19.43)

R.T.: 11.235 min
Delta R.T.: -0.005 min
Response: 2539659
Conc: 20.70 ug/ml



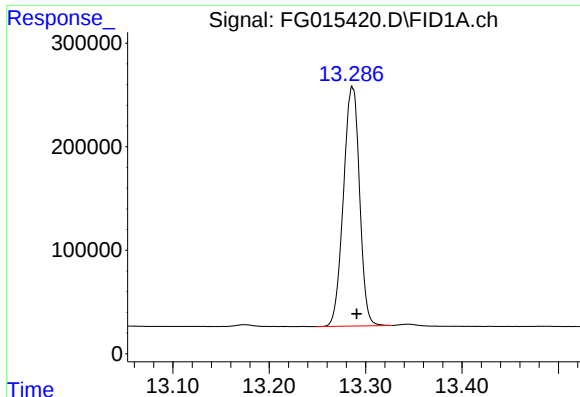
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.003 min
Response: 2868173
Conc: 21.30 ug/ml



#12 Fluoranthene (C21.85)

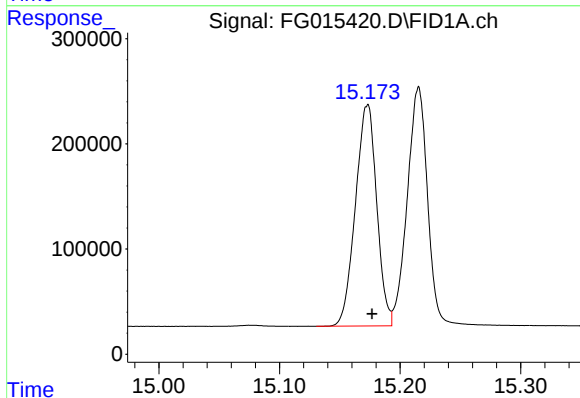
R.T.: 12.987 min
Delta R.T.: -0.004 min
Response: 2705741
Conc: 21.37 ug/ml



#13 Pyrene (C20.8)

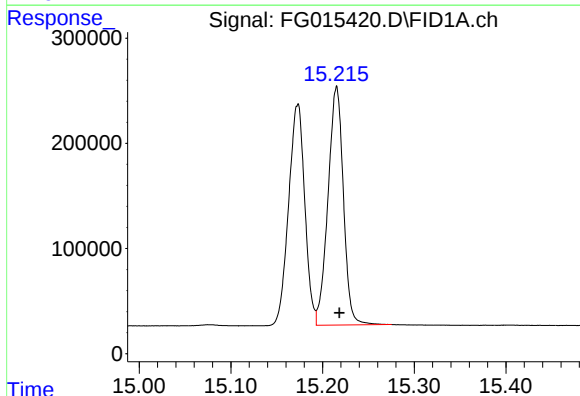
R.T.: 13.286 min
Delta R.T.: -0.004 min
Response: 2682636
Conc: 21.32 ug/ml

Instrument :
FID_G
ClientSampleId :



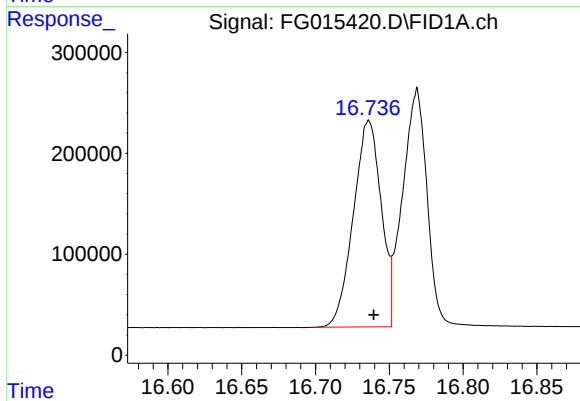
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.173 min
Delta R.T.: -0.004 min
Response: 2580727
Conc: 21.01 ug/ml



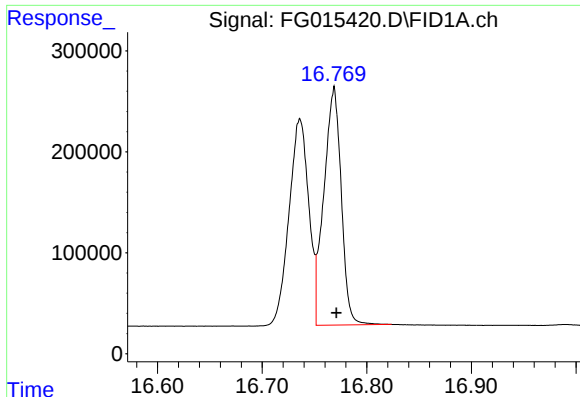
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: -0.003 min
Response: 2647385
Conc: 21.16 ug/ml



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

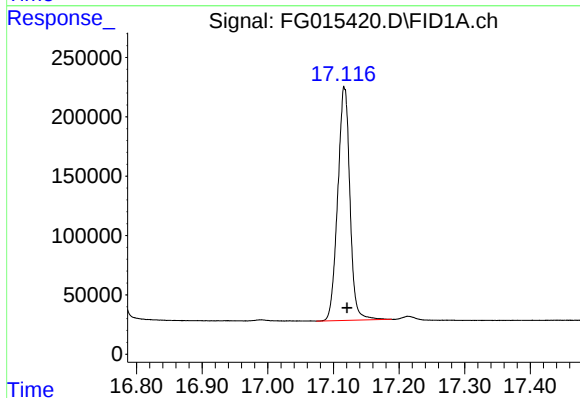
R.T.: 16.736 min
Delta R.T.: -0.003 min
Response: 2682571
Conc: 20.79 ug/ml



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

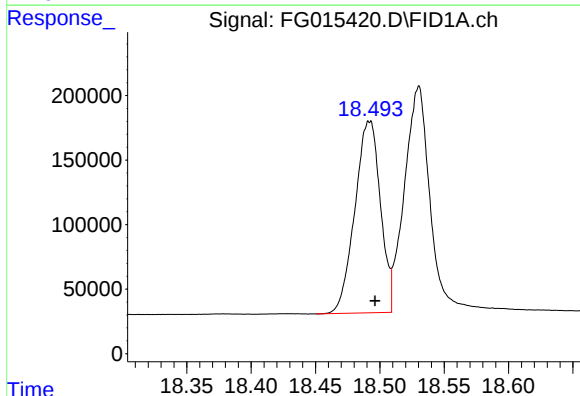
R.T.: 16.768 min
Delta R.T.: -0.003 min
Response: 2714742
Conc: 20.99 ug/ml

Instrument :
FID_G
ClientSampleId :



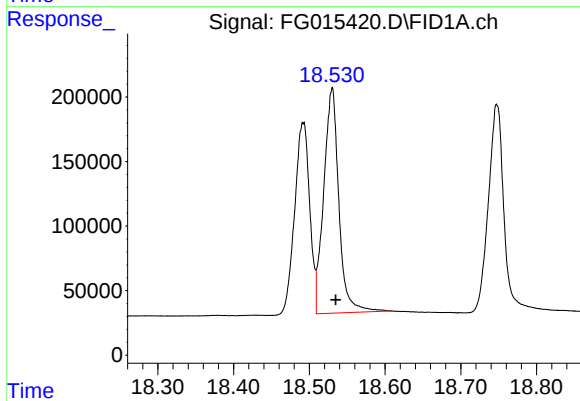
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.117 min
Delta R.T.: -0.004 min
Response: 2538471
Conc: 20.31 ug/ml



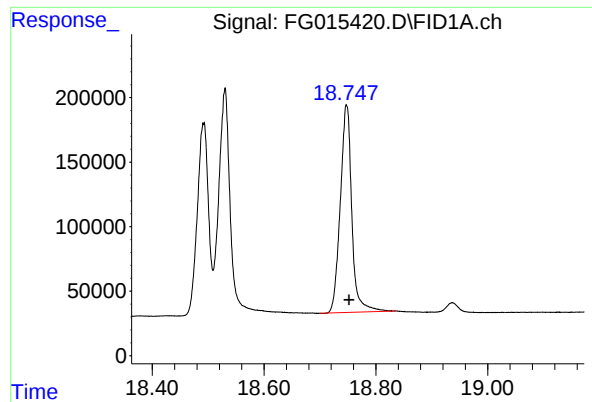
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.492 min
Delta R.T.: -0.005 min
Response: 2047419
Conc: 16.70 ug/ml



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

R.T.: 18.530 min
Delta R.T.: -0.005 min
Response: 2423141
Conc: 17.81 ug/ml



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

R.T.: 18.748 min
Delta R.T.: -0.005 min
Response: 2298381
Conc: 17.52 ug/ml

Instrument :

FID_G

ClientSampleId :