

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022725AR\
 Data File : FG015416.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 16:50
 Operator : YP\AJ
 Sample : PB166905BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166905BS

Integration File: autoint1.e
 Quant Time: Feb 28 02:25:00 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...	7.981	6026283	51.335 ug/ml
Spiked Amount 50.000		Recovery =	102.67%
6) S 2-Fluorobiphenyl (SURR)	8.860	3666347	47.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.02%
11) S ortho-Terphenyl (SURR)	11.935	6095460	45.272 ug/ml
Spiked Amount 50.000		Recovery =	90.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.569	4172332	31.946 ug/ml
2) T Naphthalene (C11.7)	6.249	5051297	38.334 ug/ml
3) T 2-Methylnaphthalene (...)	7.352	5042474	39.204 ug/ml
5) T Acenaphthylene (C15.06)	8.659	5952370	45.002 ug/ml
7) T Acenaphthene (C15.5)	8.961	6134187	47.365 ug/ml
8) T Fluorene (C16.55)	9.753	6313342	48.517 ug/ml
9) T Phenanthrene (C19.36)	11.166	6474297	51.003 ug/ml
10) T Anthracene (C19.43)	11.242	6416133	52.308 ug/ml
12) T Fluoranthene (C21.85)	12.994	6630091	52.355 ug/ml
13) T Pyrene (C20.8)	13.294	6581652	52.300 ug/ml
14) T Benzo[a]anthracene (C...	15.181	6477189	52.744 ug/ml
15) T Chrysene (C27.41)	15.227	7289683	58.268 ug/ml
16) T benzo[b]fluoranthene ...	16.746	6794119	52.662 ug/ml
17) T Bnezo[k]fluoranthene ...	16.783	6765230	52.317 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	6583992	52.688 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	5951513	48.542 ug/ml
20) T Dibenz[a,h]anthracene...	18.542	5842347	42.930 ug/ml
21) T Benzo[g,h,i]perylene ...	18.764	5847313	44.580 ug/ml

(f)=RT Delta > 1/2 Window

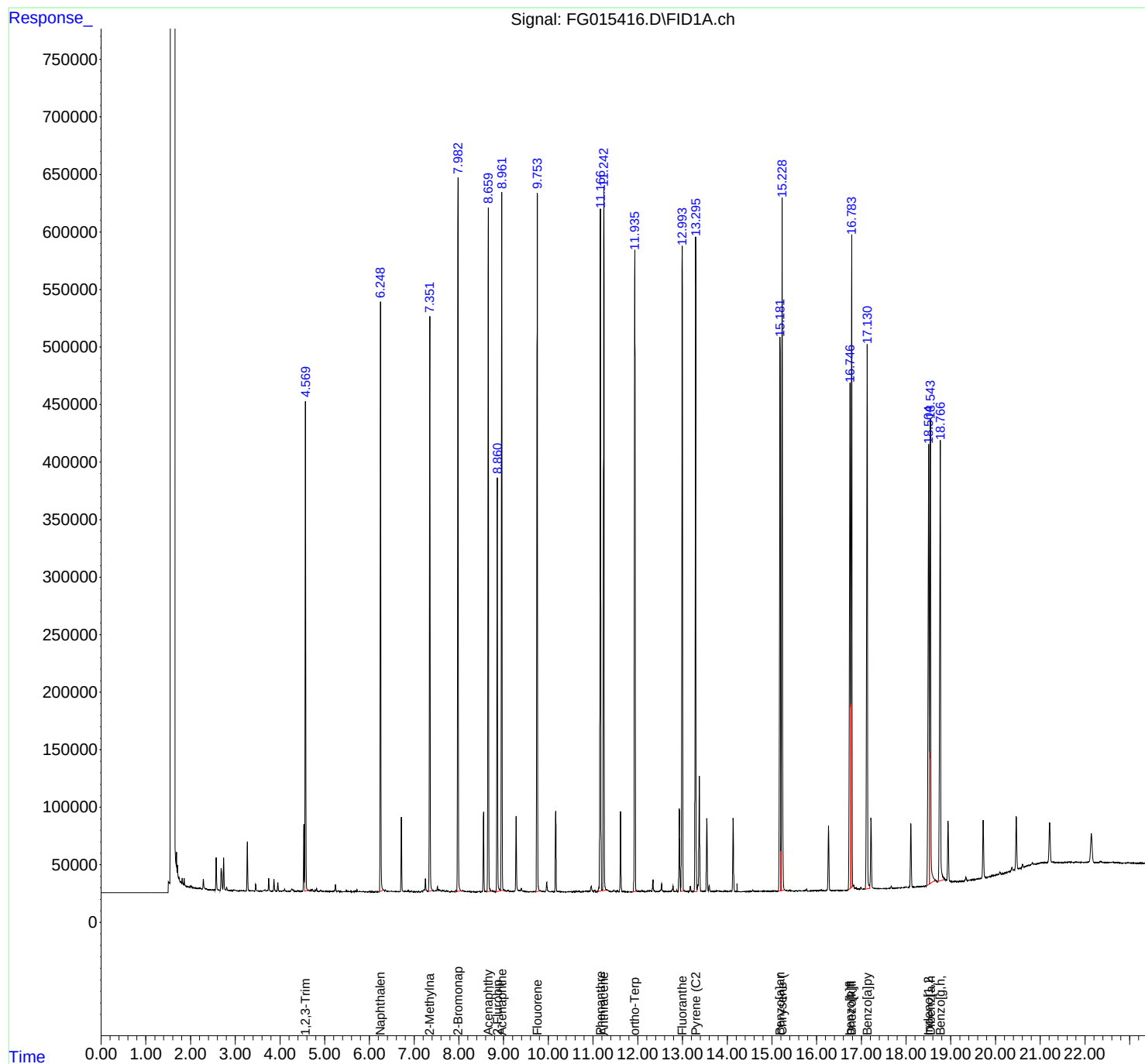
(m)=manual int.

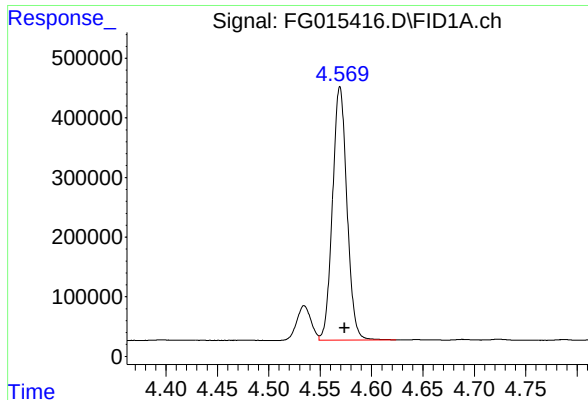
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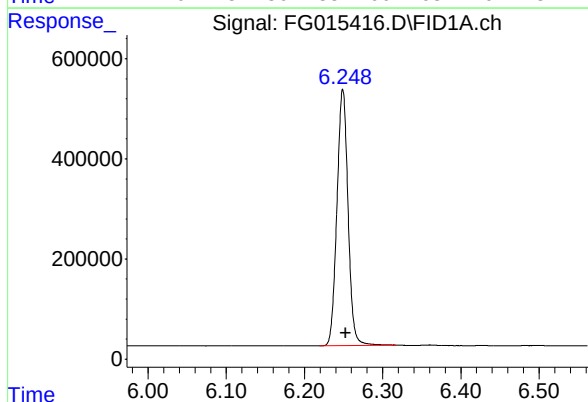




#1 1,2,3-Trimethylbenzene (C10.1)

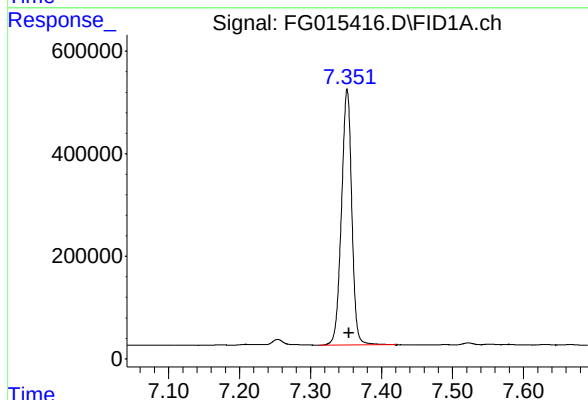
R.T.: 4.569 min
Delta R.T.: -0.005 min
Response: 4172332
Conc: 31.95 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BS



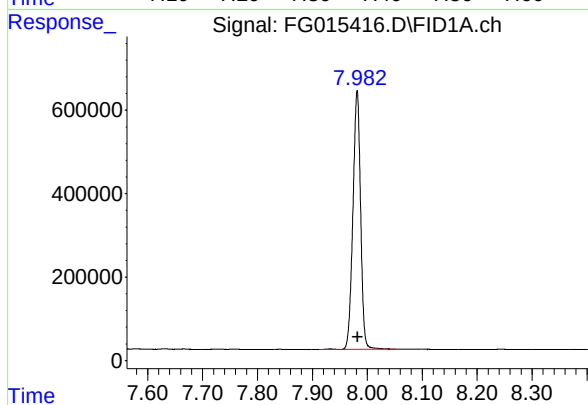
#2 Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 5051297
Conc: 38.33 ug/ml



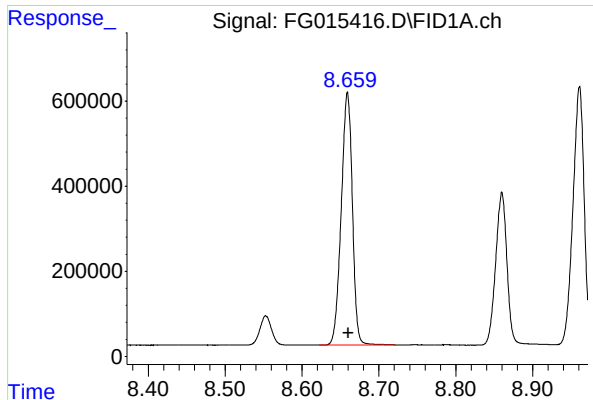
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.352 min
Delta R.T.: -0.003 min
Response: 5042474
Conc: 39.20 ug/ml



#4 2-Bromonaphthalene (SURR)

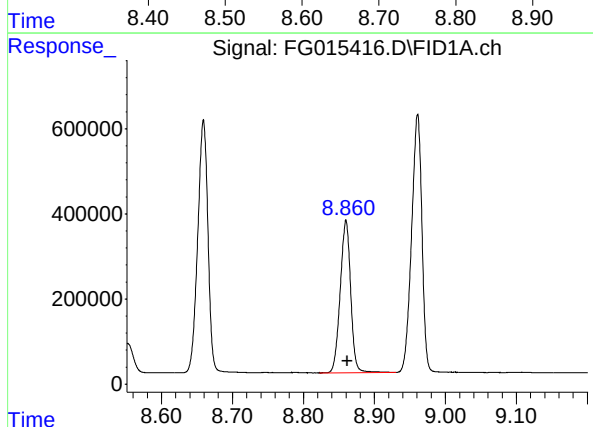
R.T.: 7.981 min
Delta R.T.: -0.001 min
Response: 6026283
Conc: 51.34 ug/ml



#5 Acenaphthylene (C15.06)

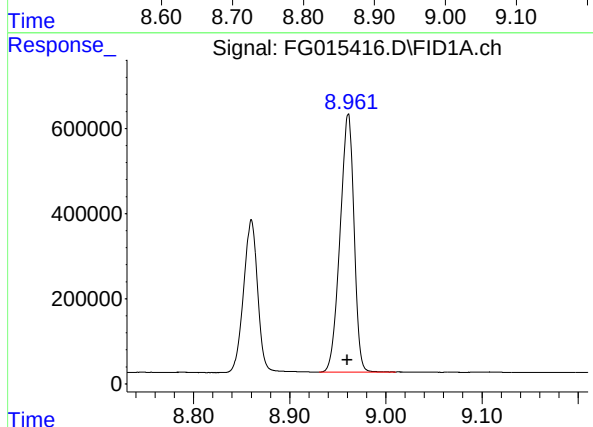
R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 5952370
Conc: 45.00 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BS



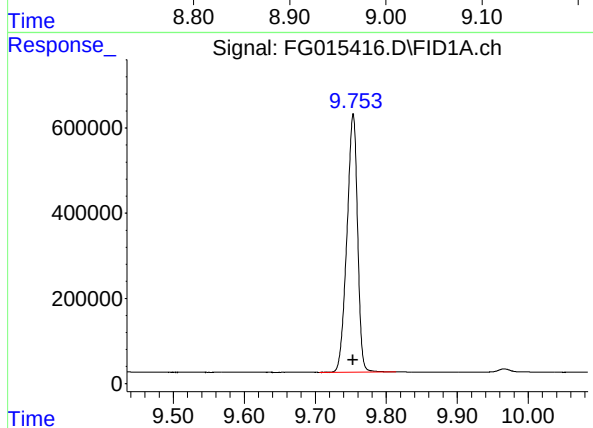
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.860 min
Delta R.T.: -0.002 min
Response: 3666347
Conc: 47.01 ug/ml



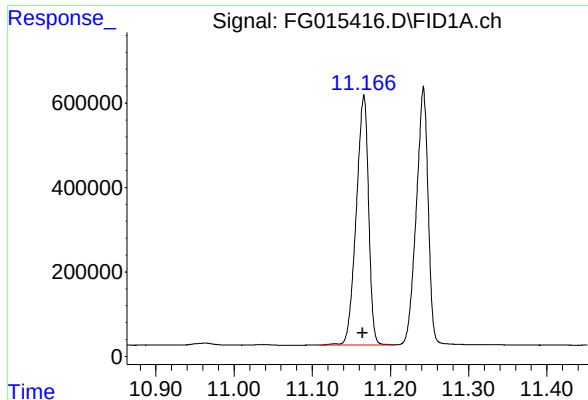
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 6134187
Conc: 47.36 ug/ml



#8 Fluorene (C16.55)

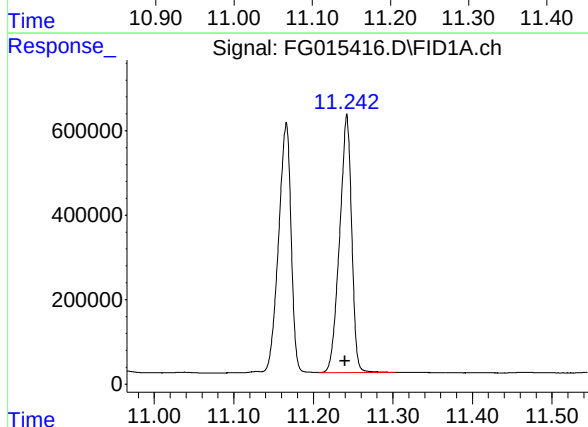
R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 6313342
Conc: 48.52 ug/ml



#9 Phenanthrene (C19.36)

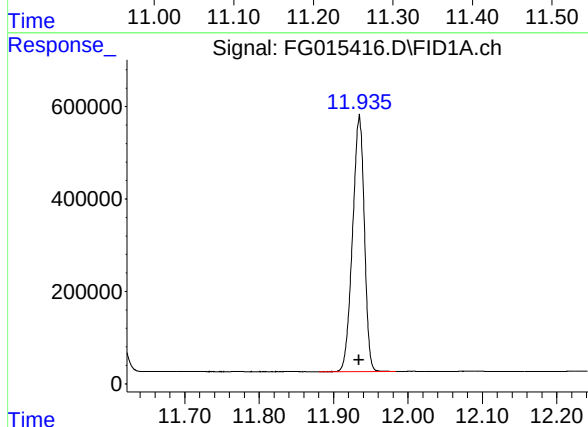
R.T.: 11.166 min
Delta R.T.: 0.001 min
Response: 6474297
Conc: 51.00 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BS



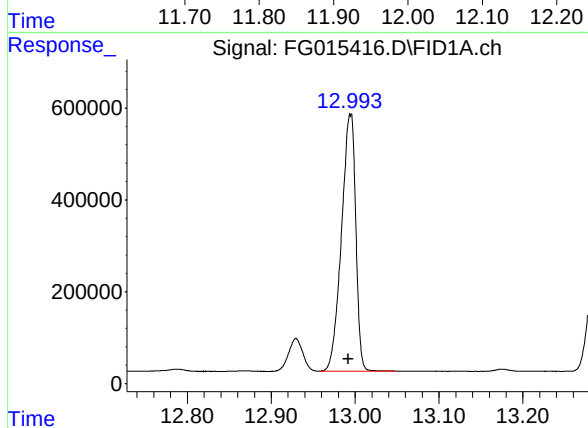
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.002 min
Response: 6416133
Conc: 52.31 ug/ml



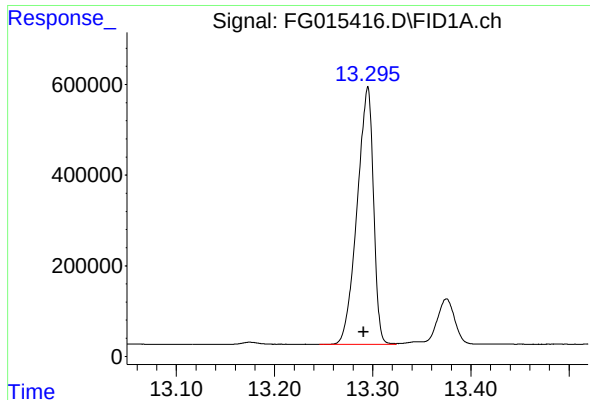
#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 6095460
Conc: 45.27 ug/ml



#12 Fluoranthene (C21.85)

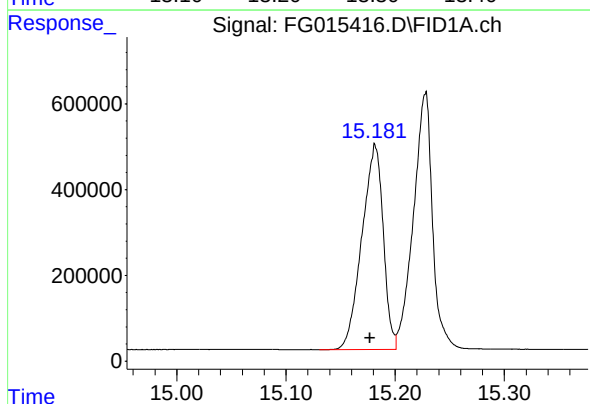
R.T.: 12.994 min
Delta R.T.: 0.002 min
Response: 6630091
Conc: 52.35 ug/ml



#13 Pyrene (C20.8)

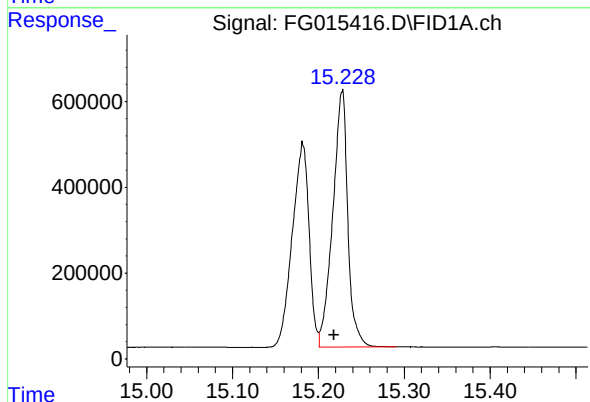
R.T.: 13.294 min
Delta R.T.: 0.004 min
Response: 6581652
Conc: 52.30 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BS



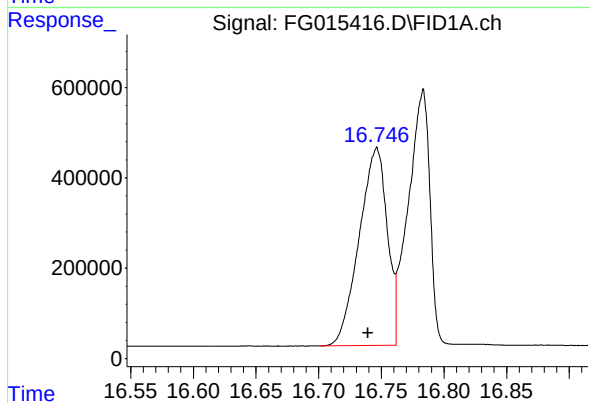
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.005 min
Response: 6477189
Conc: 52.74 ug/ml



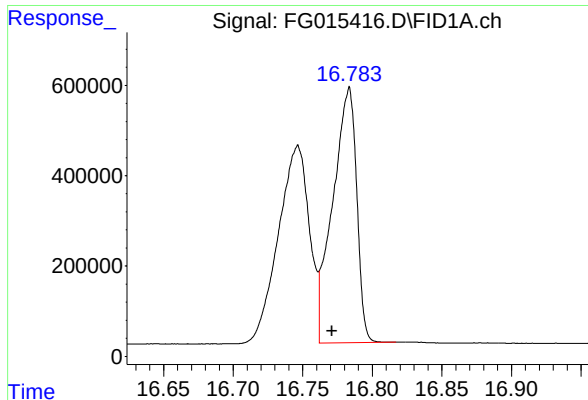
#15 Chrysene (C27.41)

R.T.: 15.227 min
Delta R.T.: 0.009 min
Response: 7289683
Conc: 58.27 ug/ml



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

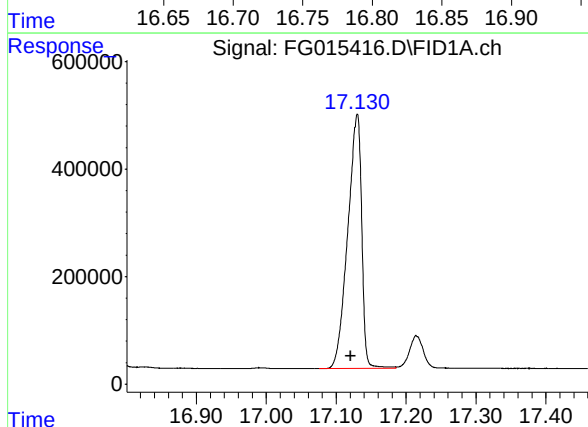
R.T.: 16.746 min
Delta R.T.: 0.006 min
Response: 6794119
Conc: 52.66 ug/ml



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

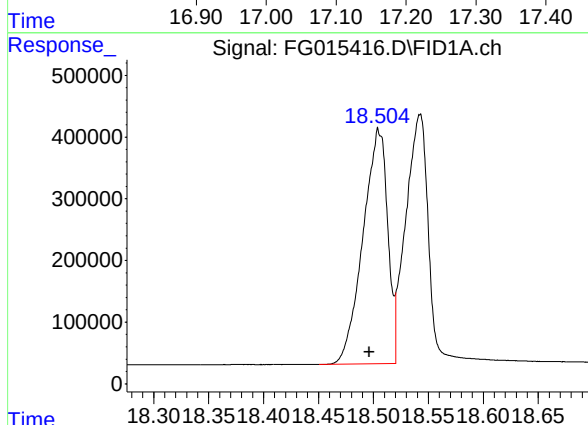
R.T.: 16.783 min
Delta R.T.: 0.012 min
Response: 6765230
Conc: 52.32 ug/ml

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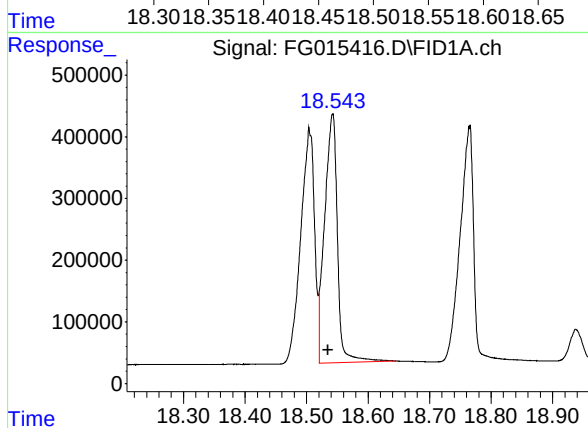
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: 0.008 min
Response: 6583992
Conc: 52.69 ug/ml



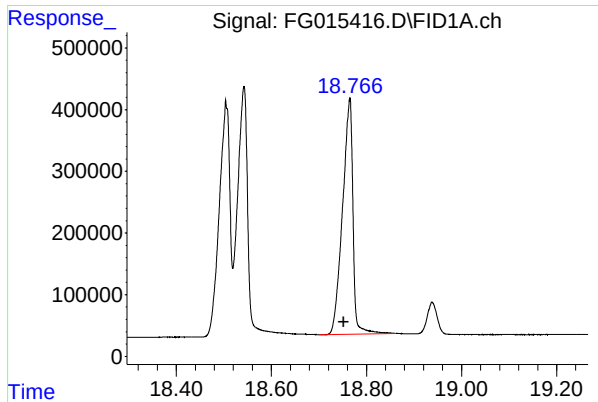
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.505 min
Delta R.T.: 0.009 min
Response: 5951513
Conc: 48.54 ug/ml



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

R.T.: 18.542 min
Delta R.T.: 0.007 min
Response: 5842347
Conc: 42.93 ug/ml



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

R.T.: 18.764 min
Delta R.T.: 0.012 min
Response: 5847313
Conc: 44.58 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BS