

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022725AR\
 Data File : FG015417.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 17:19
 Operator : YP\AJ
 Sample : PB166905BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166905BSD

Integration File: autoint1.e
 Quant Time: Feb 28 02:25:29 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	6131568	52.232 ug/ml
Spiked Amount 50.000		Recovery =	104.46%
6) S 2-Fluorobiphenyl (SURR)	8.860	3710641	47.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.16%
11) S ortho-Terphenyl (SURR)	11.934	6154255	45.709 ug/ml
Spiked Amount 50.000		Recovery =	91.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.569	4250564	32.545 ug/ml
2) T Naphthalene (C11.7)	6.249	5137629	38.989 ug/ml
3) T 2-Methylnaphthalene (...)	7.351	5130073	39.885 ug/ml
5) T Acenaphthylene (C15.06)	8.658	6021798	45.527 ug/ml
7) T Acenaphthene (C15.5)	8.960	6215156	47.990 ug/ml
8) T Fluorene (C16.55)	9.753	6389802	49.105 ug/ml
9) T Phenanthrene (C19.36)	11.165	6530811	51.448 ug/ml
10) T Anthracene (C19.43)	11.241	6476588	52.801 ug/ml
12) T Fluoranthene (C21.85)	12.993	6655082	52.552 ug/ml
13) T Pyrene (C20.8)	13.294	6607487	52.506 ug/ml
14) T Benzo[a]anthracene (C...	15.181	6578812	53.571 ug/ml
15) T Chrysene (C27.41)	15.226	7378838	58.980 ug/ml
16) T benzo[b]fluoranthene ...	16.746	6897935	53.466 ug/ml
17) T Bnezo[k]fluoranthene ...	16.782	6869091	53.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	6737423	53.916 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.506	6585227	53.711 ug/ml
20) T Dibenz[a,h]anthracene...	18.542	6426516	47.222 ug/ml
21) T Benzo[g,h,i]perylene ...	18.765	6445929	49.144 ug/ml

(f)=RT Delta > 1/2 Window

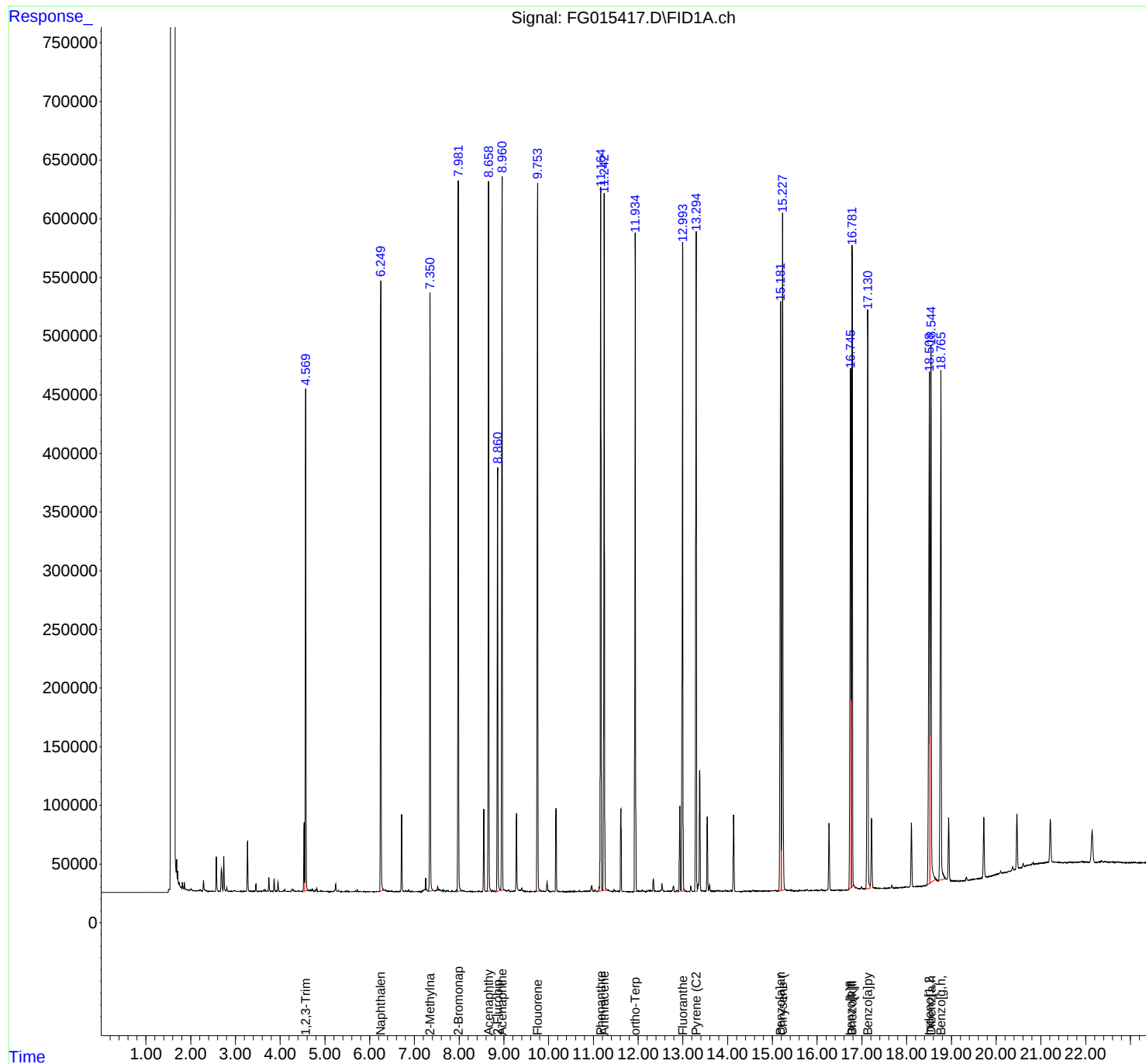
(m)=manual int.

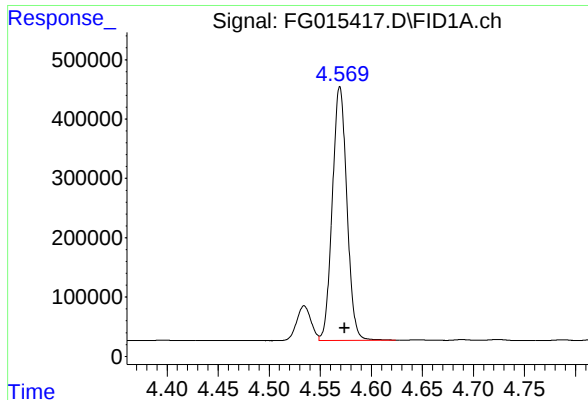
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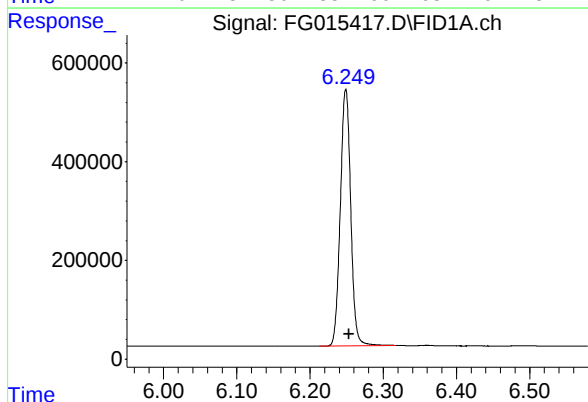




#1 1,2,3-Trimethylbenzene (C10.1)

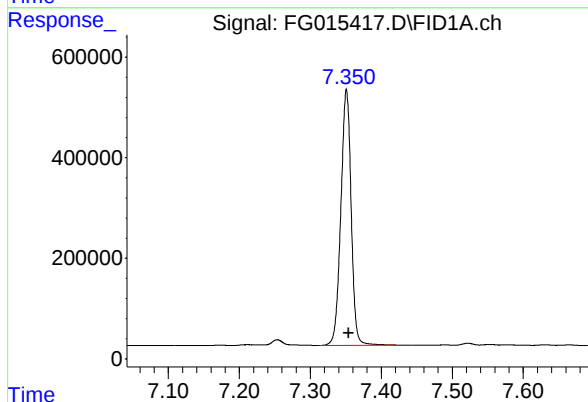
R.T.: 4.569 min
Delta R.T.: -0.005 min
Response: 4250564
Conc: 32.54 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BSD



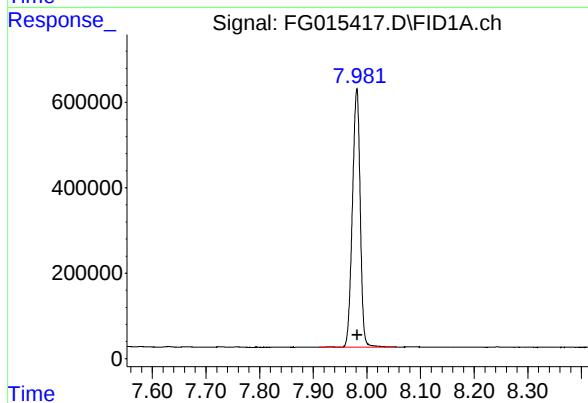
#2 Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 5137629
Conc: 38.99 ug/ml



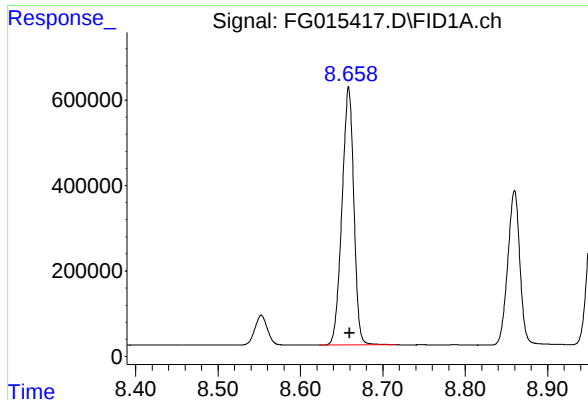
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 5130073
Conc: 39.89 ug/ml



#4 2-Bromonaphthalene (SURR)

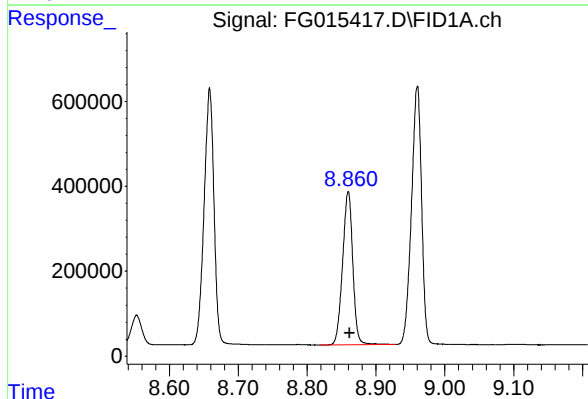
R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 6131568
Conc: 52.23 ug/ml



#5 Acenaphthylene (C15.06)

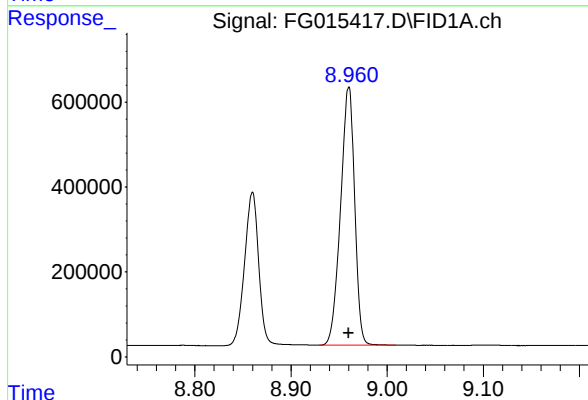
R.T.: 8.658 min
Delta R.T.: -0.002 min
Response: 6021798
Conc: 45.53 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BSD



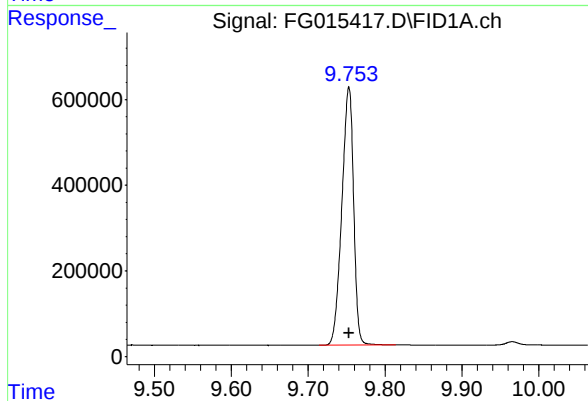
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.860 min
Delta R.T.: -0.002 min
Response: 3710641
Conc: 47.58 ug/ml



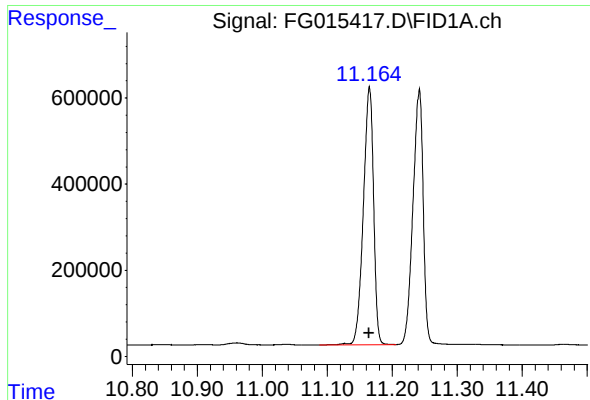
#7 Acenaphthene (C15.5)

R.T.: 8.960 min
Delta R.T.: 0.000 min
Response: 6215156
Conc: 47.99 ug/ml



#8 Flouorene (C16.55)

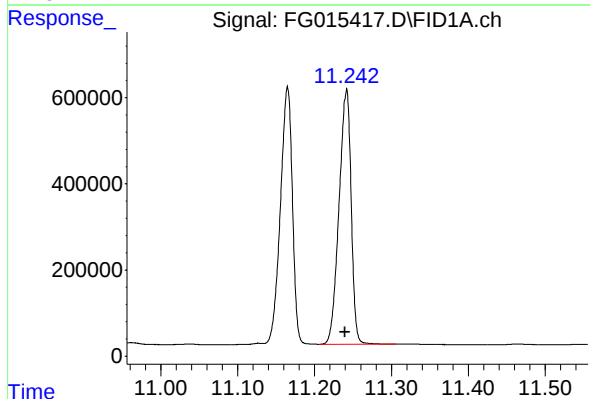
R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 6389802
Conc: 49.10 ug/ml



#9 Phenanthrene (C19.36)

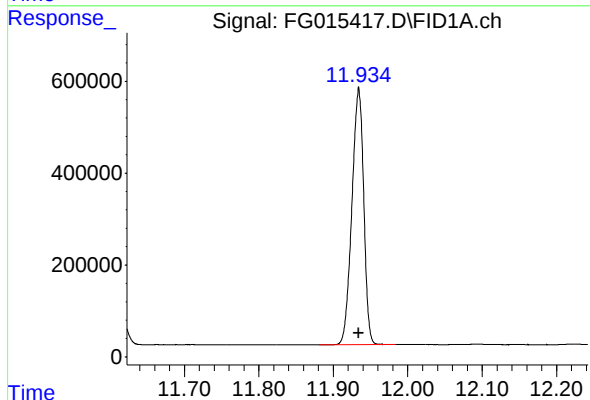
R.T.: 11.165 min
Delta R.T.: 0.000 min
Response: 6530811
Conc: 51.45 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BSD



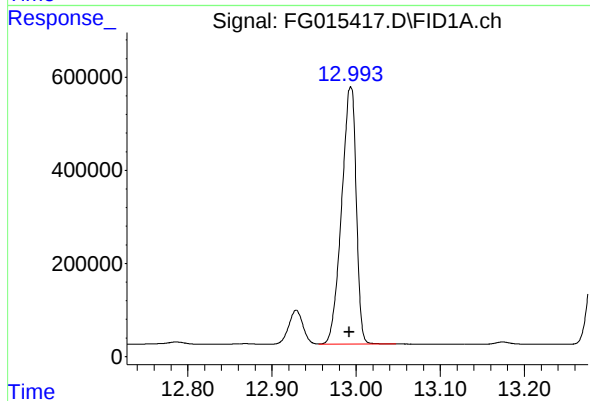
#10 Anthracene (C19.43)

R.T.: 11.241 min
Delta R.T.: 0.001 min
Response: 6476588
Conc: 52.80 ug/ml



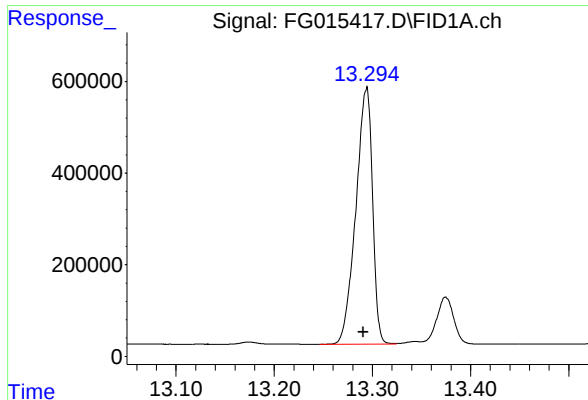
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 6154255
Conc: 45.71 ug/ml



#12 Fluoranthene (C21.85)

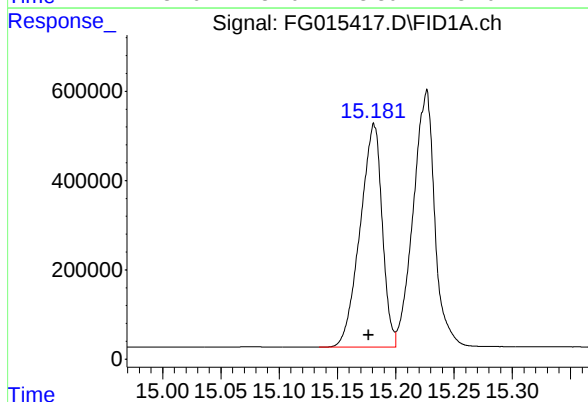
R.T.: 12.993 min
Delta R.T.: 0.002 min
Response: 6655082
Conc: 52.55 ug/ml



#13 Pyrene (C20.8)

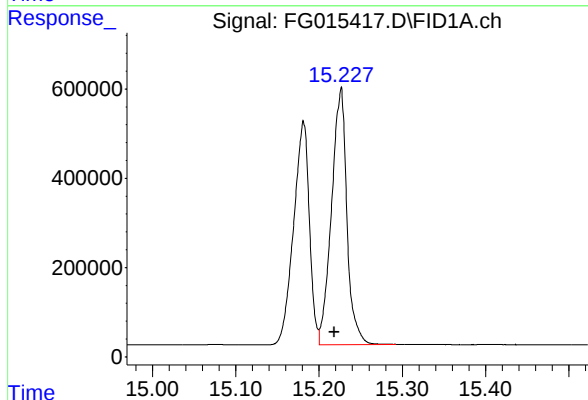
R.T.: 13.294 min
Delta R.T.: 0.003 min
Response: 6607487
Conc: 52.51 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BSD



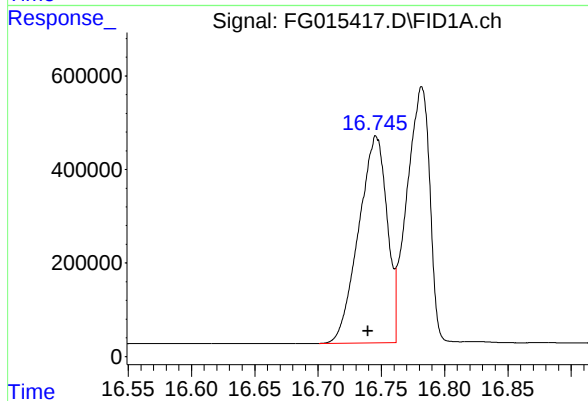
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.004 min
Response: 6578812
Conc: 53.57 ug/ml



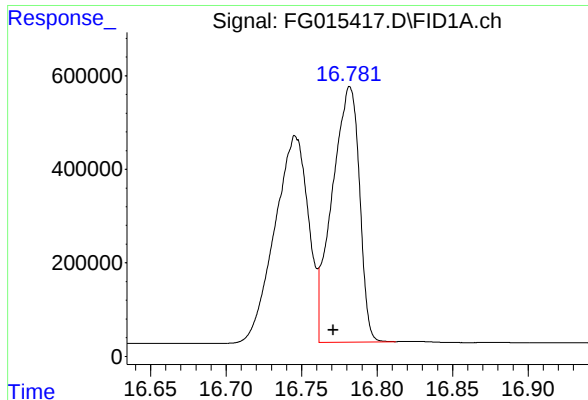
#15 Chrysene (C27.41)

R.T.: 15.226 min
Delta R.T.: 0.007 min
Response: 7378838
Conc: 58.98 ug/ml



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

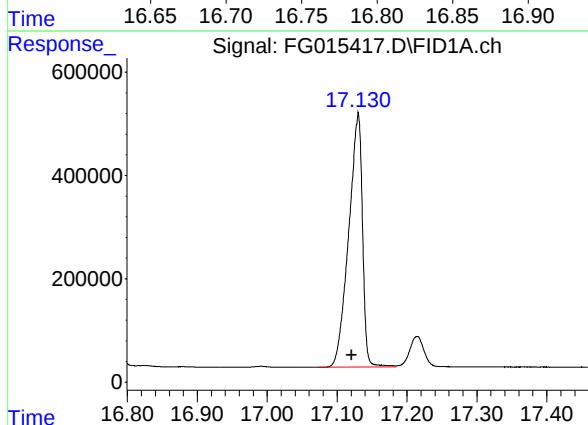
R.T.: 16.746 min
Delta R.T.: 0.006 min
Response: 6897935
Conc: 53.47 ug/ml



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

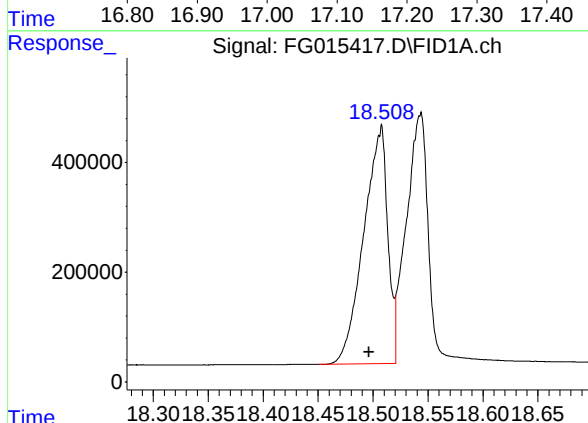
R.T.: 16.782 min
Delta R.T.: 0.011 min
Response: 6869091
Conc: 53.12 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166905BSD



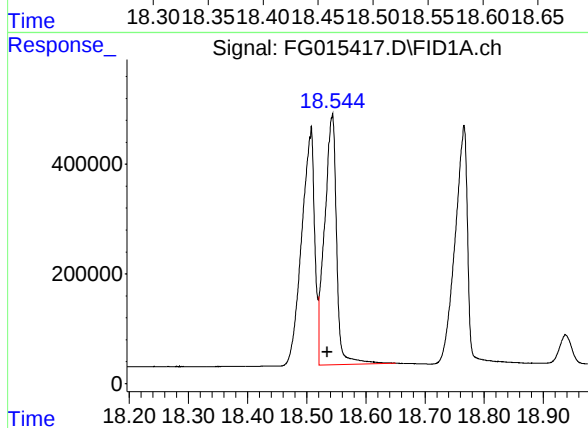
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: 0.008 min
Response: 6737423
Conc: 53.92 ug/ml



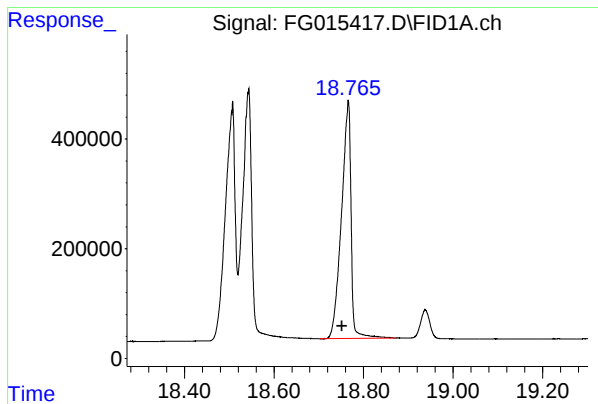
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.506 min
Delta R.T.: 0.010 min
Response: 6585227
Conc: 53.71 ug/ml



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

R.T.: 18.542 min
Delta R.T.: 0.007 min
Response: 6426516
Conc: 47.22 ug/ml



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

R.T.: 18.765 min

Delta R.T.: 0.013 min

Response: 6445929

Conc: 49.14 ug/ml

Instrument :

FID_G

ClientSampleId :

PB166905BSD