

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103024AR\
 Data File : FG014589.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2024 23:46
 Operator : YP\AJ
 Sample : PB164532BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB164532BS

Integration File: autoint1.e
 Quant Time: Oct 31 06:45:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 2024
 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...	8.015	7379611	58.785 ug/ml
Spiked Amount 50.000		Recovery =	117.57%
6) S 2-Fluorobiphenyl (SURR)	8.890	4922210	57.145 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.29%
11) S ortho-Terphenyl (SURR)	11.961	6936011	46.847 ug/ml
Spiked Amount 50.000		Recovery =	93.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.618	5918950	43.686 ug/ml
2) T Naphthalene (C11.7)	6.288	6786790	47.294 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	6752790	46.237 ug/ml
5) T Acenaphthylene (C15.06)	8.690	7325970	50.318 ug/ml
7) T Acenaphthene (C15.5)	8.992	7758440	53.611 ug/ml
8) T Fluorene (C16.55)	9.782	8138315	56.176 ug/ml
9) T Phenanthrene (C19.36)	11.191	8482476	57.630 ug/ml
10) T Anthracene (C19.43)	11.268	8517863	60.742 ug/ml
12) T Fluoranthene (C21.85)	13.016	8561842	57.892 ug/ml
13) T Pyrene (C20.8)	13.316	9006198	61.259 ug/ml
14) T Benzo[a]anthracene (C...	15.197	8204184	56.651 ug/ml
15) T Chrysene (C27.41)	15.243	9311757	63.481 ug/ml
16) T benzo[b]fluoranthene ...	16.756	8046677	54.710 ug/ml
17) T Bnezo[k]fluoranthene ...	16.792	7789437	56.444 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.137	7494013	52.547 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	8066546	60.436 ug/ml
20) T Dibenz[a,h]anthracene...	18.550	7178390	51.439 ug/ml
21) T Benzo[g,h,i]perylene ...	18.768	7109836	51.103 ug/ml

(f)=RT Delta > 1/2 Window

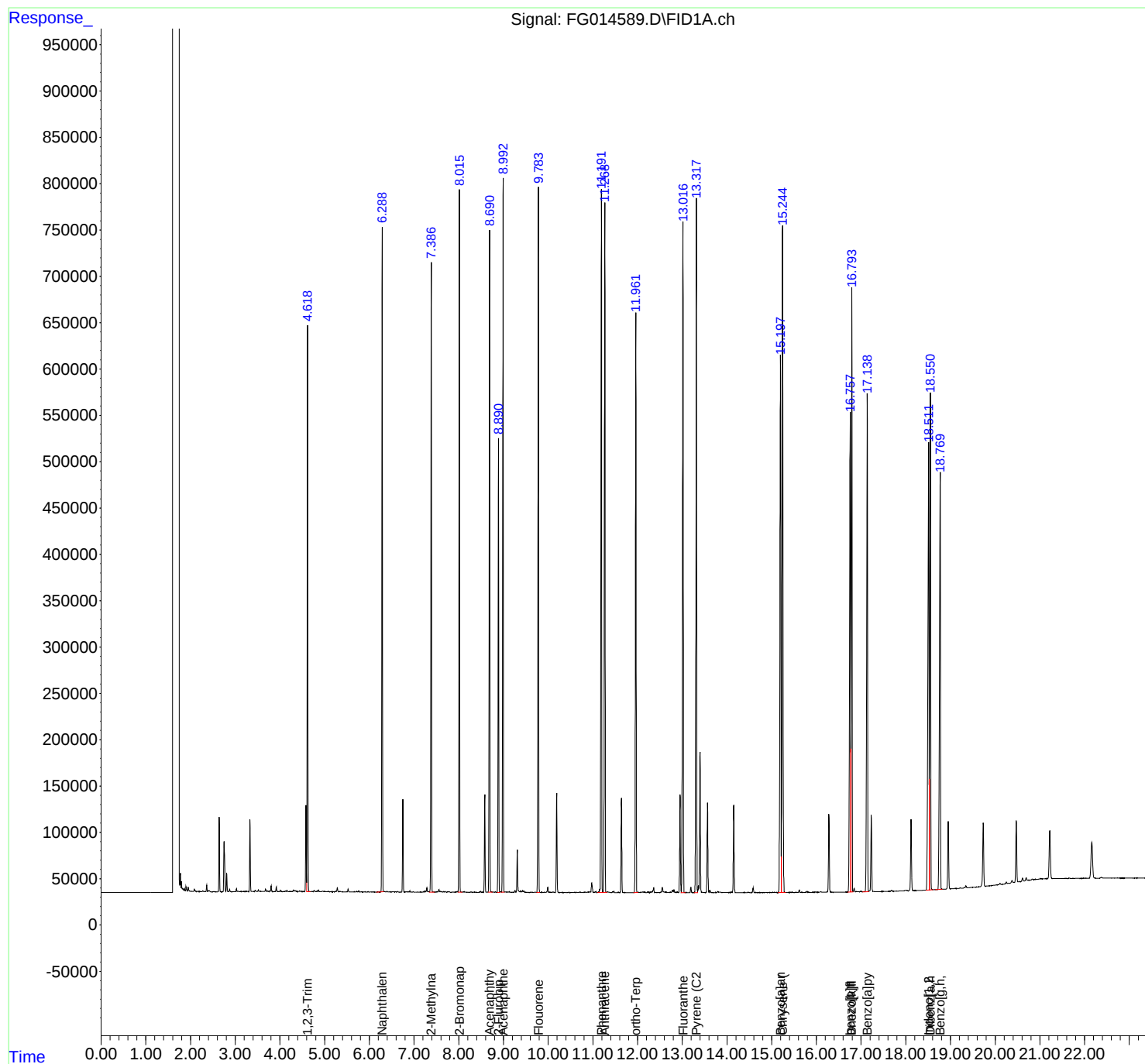
(m)=manual int.

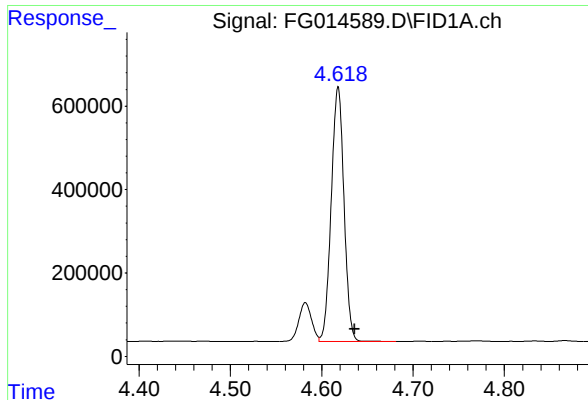
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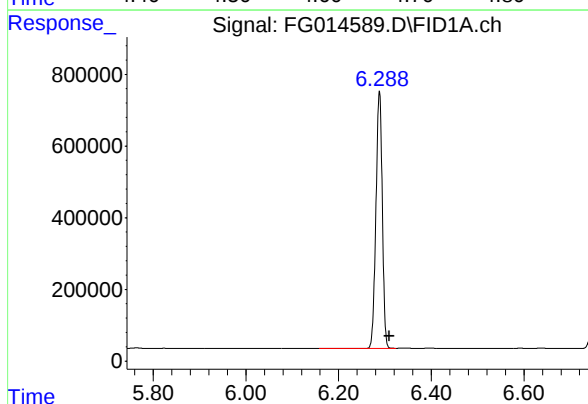




#1 1,2,3-Trimethylbenzene (C10.1)

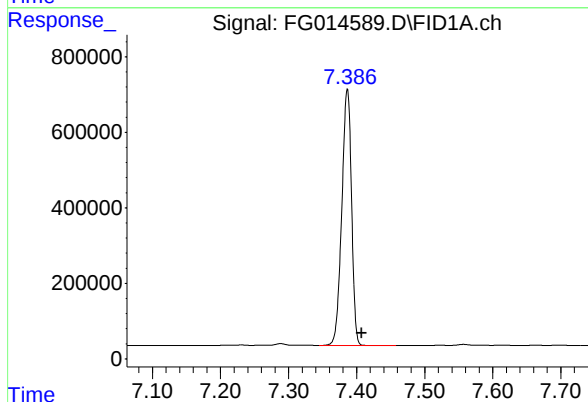
R.T.: 4.618 min
Delta R.T.: -0.018 min
Response: 5918950
Conc: 43.69 ug/ml

Instrument :
FID_G
ClientSampleId :
PB164532BS



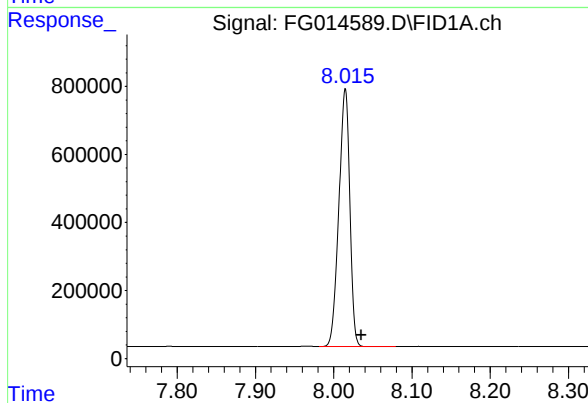
#2 Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.021 min
Response: 6786790
Conc: 47.29 ug/ml



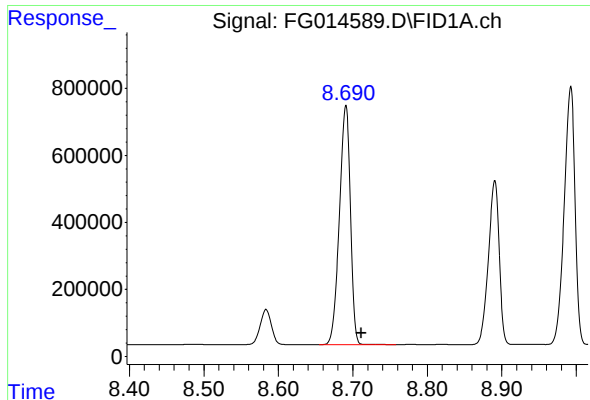
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: -0.021 min
Response: 6752790
Conc: 46.24 ug/ml



#4 2-Bromonaphthalene (SURR)

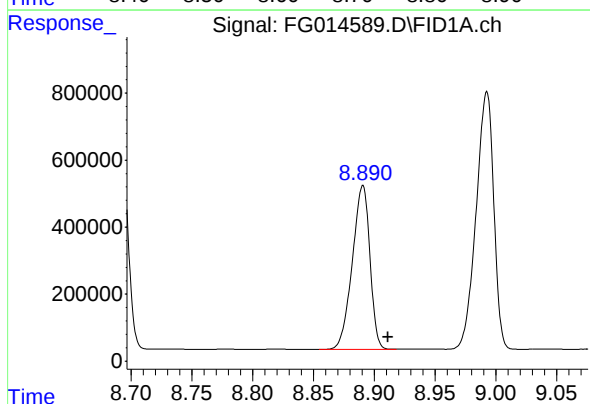
R.T.: 8.015 min
Delta R.T.: -0.021 min
Response: 7379611
Conc: 58.79 ug/ml



#5 Acenaphthylene (C15.06)

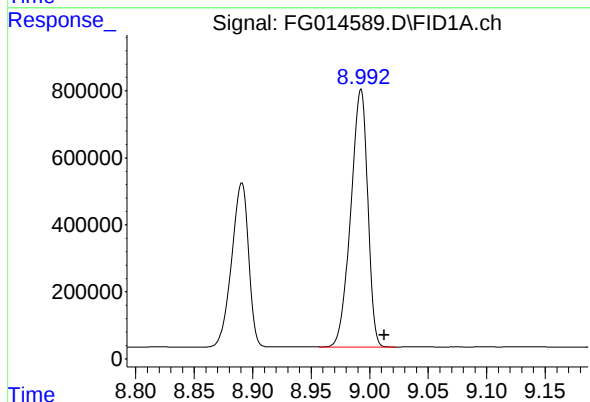
R.T.: 8.690 min
Delta R.T.: -0.021 min
Response: 7325970
Conc: 50.32 ug/ml

Instrument :
FID_G
ClientSampleId :
PB164532BS



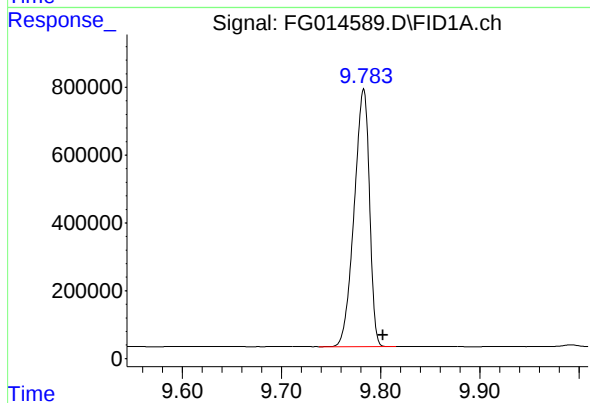
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 4922210
Conc: 57.15 ug/ml



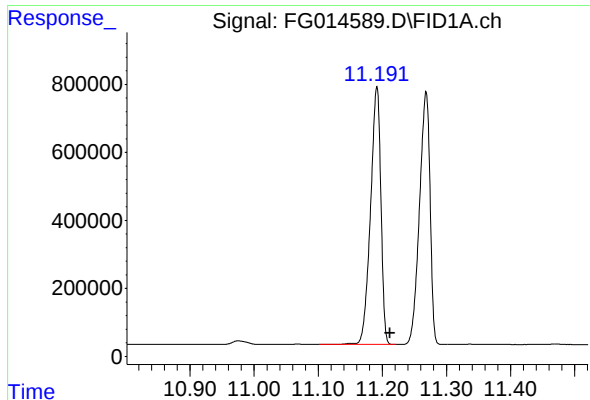
#7 Acenaphthene (C15.5)

R.T.: 8.992 min
Delta R.T.: -0.020 min
Response: 7758440
Conc: 53.61 ug/ml



#8 Fluorene (C16.55)

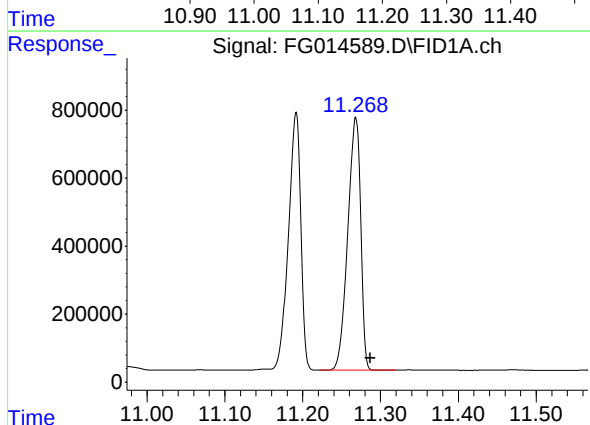
R.T.: 9.782 min
Delta R.T.: -0.020 min
Response: 8138315
Conc: 56.18 ug/ml



#9 Phenanthrene (C19.36)

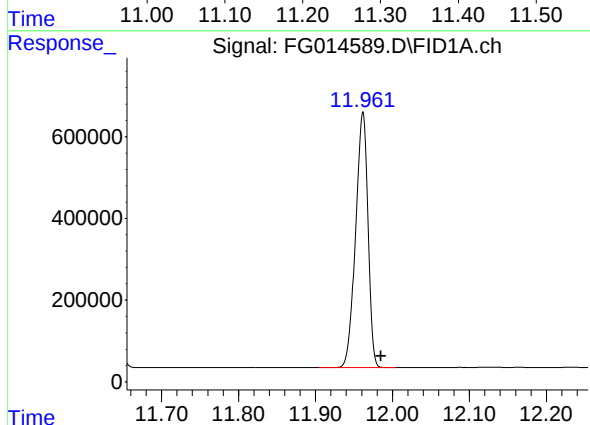
R.T.: 11.191 min
Delta R.T.: -0.021 min
Response: 8482476
Conc: 57.63 ug/ml

Instrument :
FID_G
ClientSampleId :
PB164532BS



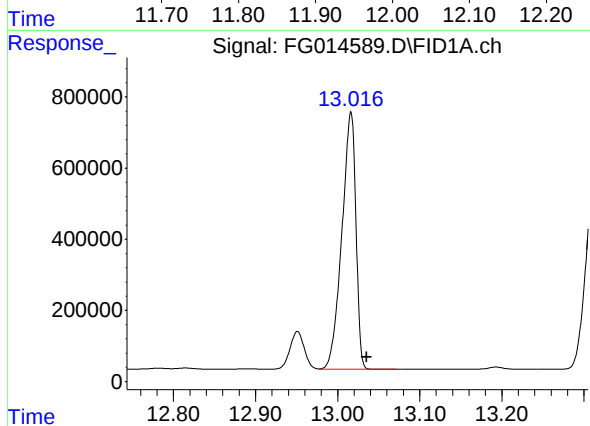
#10 Anthracene (C19.43)

R.T.: 11.268 min
Delta R.T.: -0.019 min
Response: 8517863
Conc: 60.74 ug/ml



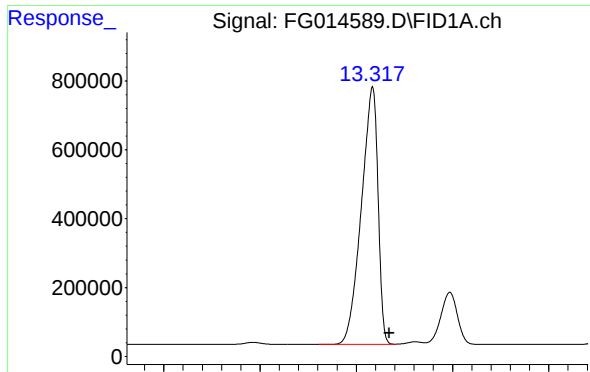
#11 ortho-Terphenyl (SURRE)

R.T.: 11.961 min
Delta R.T.: -0.024 min
Response: 6936011
Conc: 46.85 ug/ml



#12 Fluoranthene (C21.85)

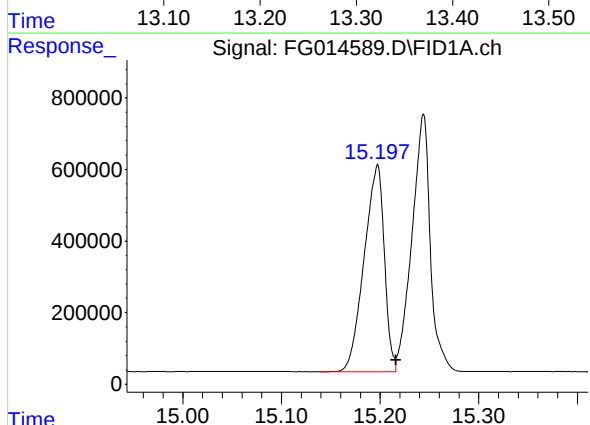
R.T.: 13.016 min
Delta R.T.: -0.020 min
Response: 8561842
Conc: 57.89 ug/ml



#13 Pyrene (C20.8)

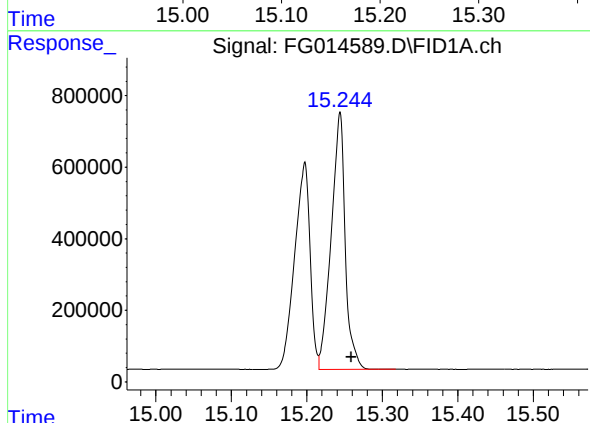
R.T.: 13.316 min
Delta R.T.: -0.018 min
Response: 9006198
Conc: 61.26 ug/ml

Instrument :
FID_G
ClientSampleId :
PB164532BS



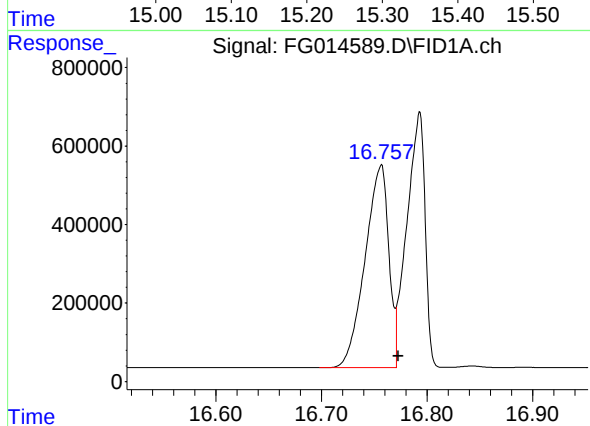
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.197 min
Delta R.T.: -0.019 min
Response: 8204184
Conc: 56.65 ug/ml



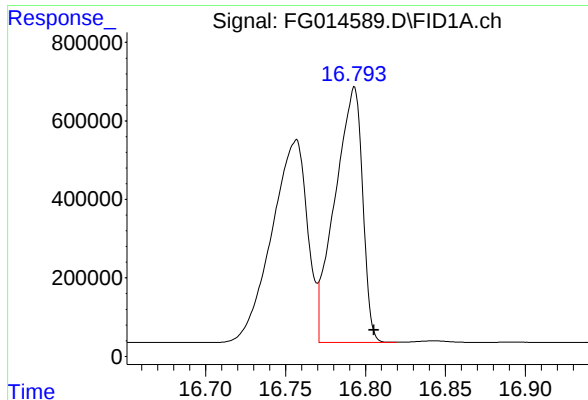
#15 Chrysene (C27.41)

R.T.: 15.243 min
Delta R.T.: -0.016 min
Response: 9311757
Conc: 63.48 ug/ml



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

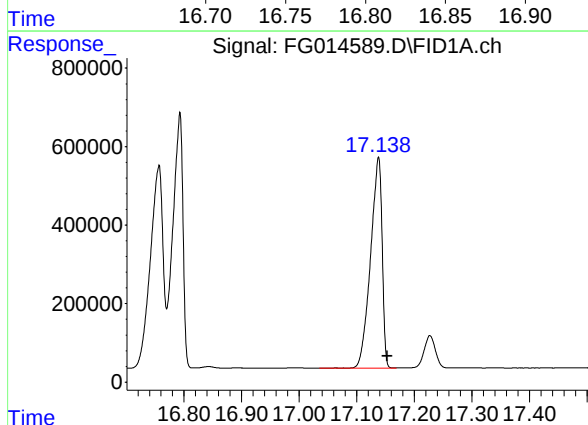
R.T.: 16.756 min
Delta R.T.: -0.017 min
Response: 8046677
Conc: 54.71 ug/ml



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

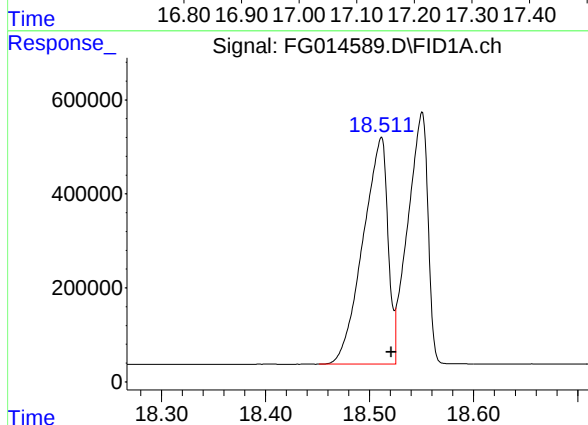
R.T.: 16.792 min
Delta R.T.: -0.014 min
Response: 7789437
Conc: 56.44 ug/ml

Instrument :
FID_G
ClientSampleId :
PB164532BS



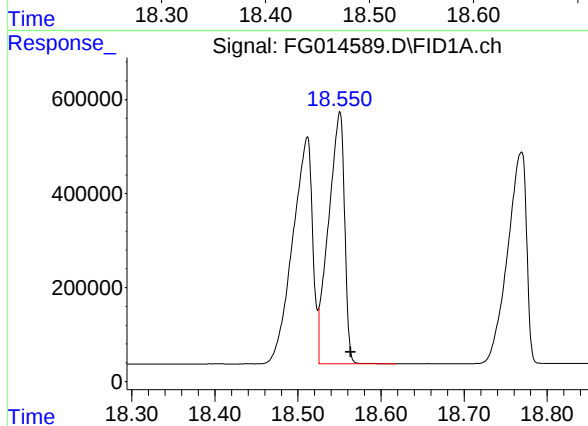
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.137 min
Delta R.T.: -0.016 min
Response: 7494013
Conc: 52.55 ug/ml



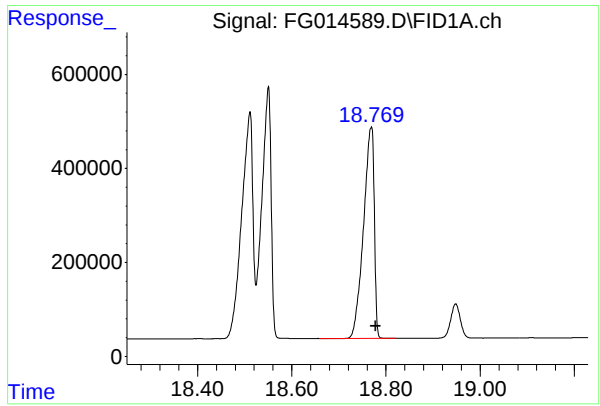
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: -0.011 min
Response: 8066546
Conc: 60.44 ug/ml



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

R.T.: 18.550 min
Delta R.T.: -0.014 min
Response: 7178390
Conc: 51.44 ug/ml



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

R.T.: 18.768 min

Delta R.T.: -0.011 min

Response: 7109836

Conc: 51.10 ug/ml

Instrument :

FID_G

ClientSampleId :

PB164532BS