

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AR\
 Data File : FG015076.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 14:58
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 14 15:46:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:41:35 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...	7.990	6788279	49.452 ug/ml
Spiked Amount 50.000		Recovery =	98.90%
6) S 2-Fluorobiphenyl (SURR)	8.867	4689240	49.423 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.85%
11) S ortho-Terphenyl (SURR)	11.946	8002504	49.369 ug/ml
Spiked Amount 50.000		Recovery =	98.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.580	7236771	49.523 ug/ml
2) T Naphthalene (C11.7)	6.258	7753839	49.406 ug/ml
3) T 2-Methylnaphthalene (...)	7.360	7958255	49.483 ug/ml
5) T Acenaphthylene (C15.06)	8.667	7879727	49.412 ug/ml
7) T Acenaphthene (C15.5)	8.969	7899490	49.394 ug/ml
8) T Fluorene (C16.55)	9.761	7876042	49.407 ug/ml
9) T Phenanthrene (C19.36)	11.174	7913641	49.517 ug/ml
10) T Anthracene (C19.43)	11.249	7245667	49.363 ug/ml
12) T Fluoranthene (C21.85)	13.002	7857152	49.416 ug/ml
13) T Pyrene (C20.8)	13.302	7782834	49.455 ug/ml
14) T Benzo[a]anthracene (C...	15.187	7431959	49.427 ug/ml
15) T Chrysene (C27.41)	15.234	7506956	49.388 ug/ml
16) T benzo[b]fluoranthene ...	16.752	7443111	49.340 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	6907967	49.356 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.135	7194181	49.494 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	6932345	49.204 ug/ml
20) T Dibenz[a,h]anthracene...	18.551	7099021	48.717 ug/ml
21) T Benzo[g,h,i]perylene ...	18.771	7203571	49.420 ug/ml

(f)=RT Delta > 1/2 Window

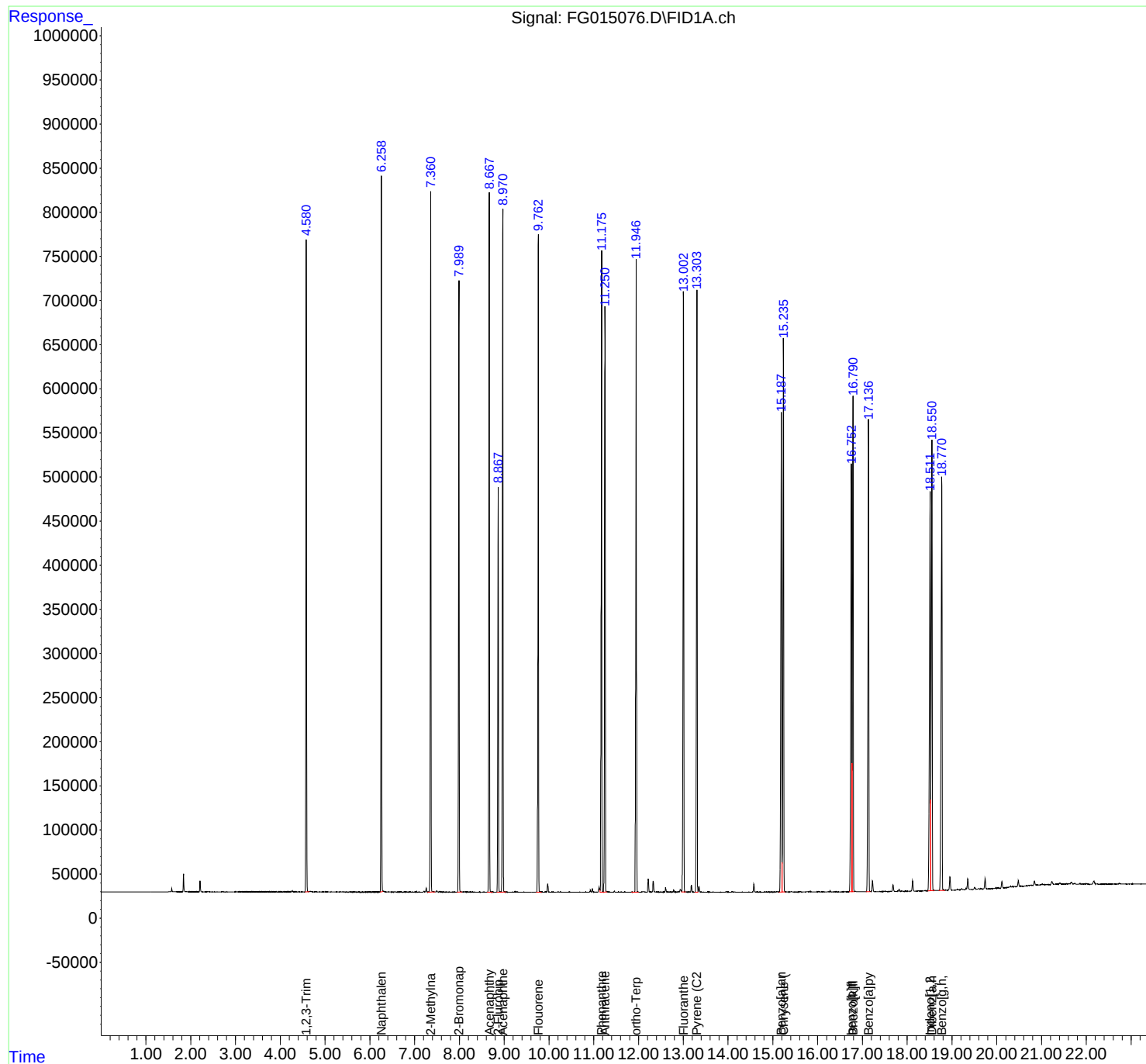
(m)=manual int.

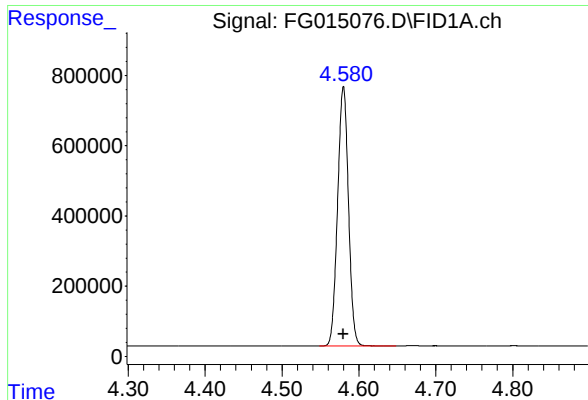
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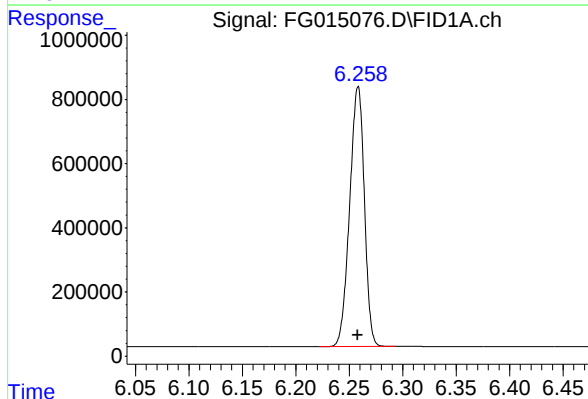




#1 1,2,3-Trimethylbenzene (C10.1)

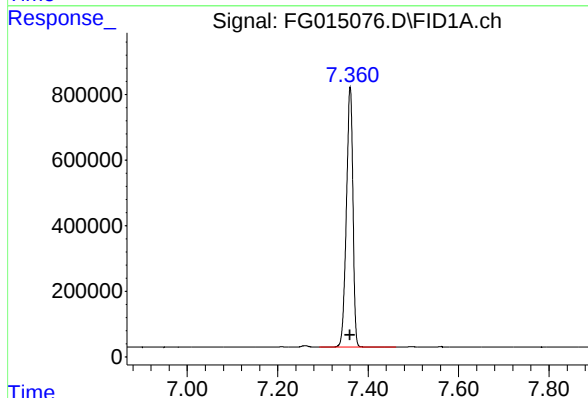
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 7236771
Conc: 49.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



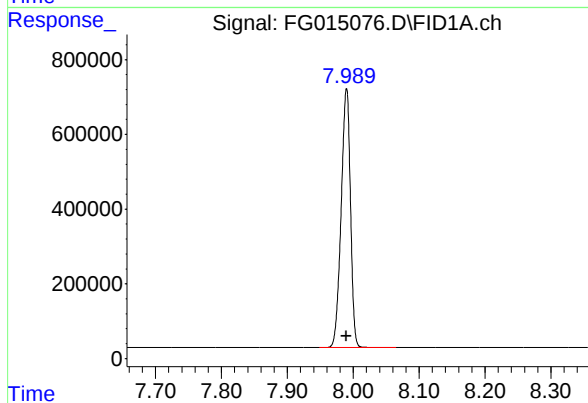
#2 Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 7753839
Conc: 49.41 ug/ml



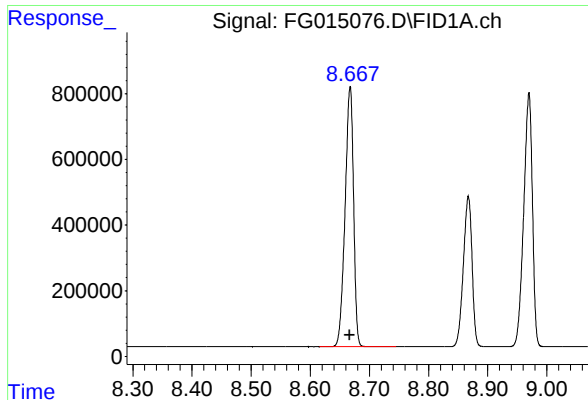
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 7958255
Conc: 49.48 ug/ml



#4 2-Bromonaphthalene (SURR)

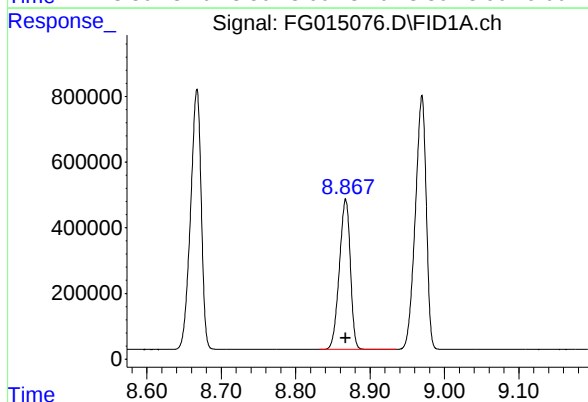
R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 6788279
Conc: 49.45 ug/ml



#5 Acenaphthylene (C15.06)

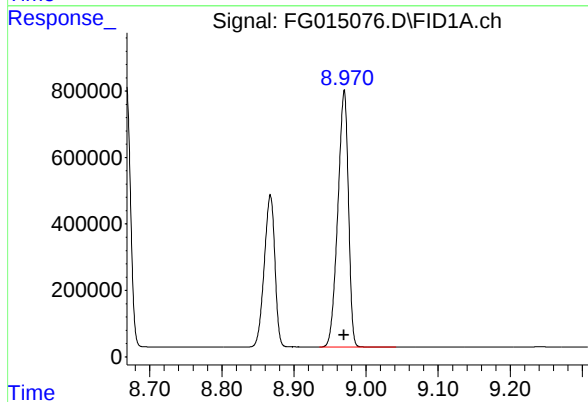
R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 7879727
Conc: 49.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



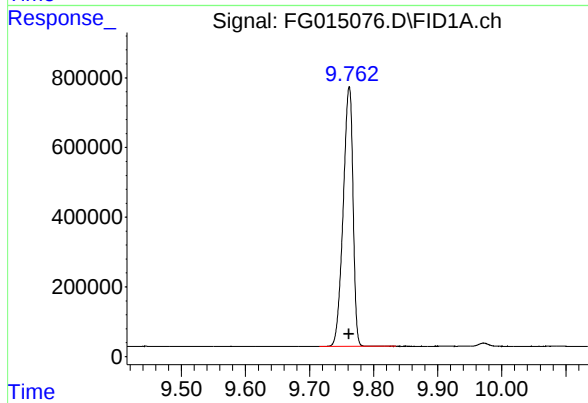
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.867 min
Delta R.T.: 0.000 min
Response: 4689240
Conc: 49.42 ug/ml



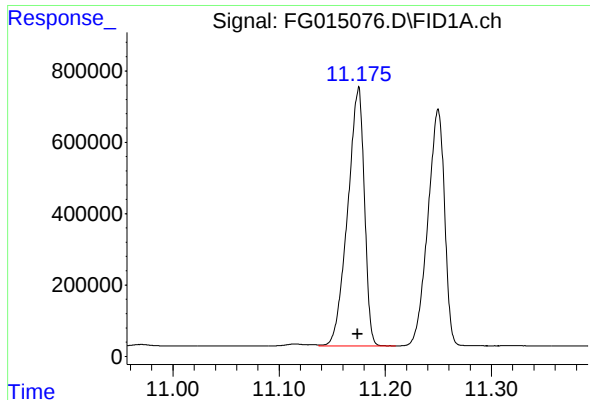
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: 0.000 min
Response: 7899490
Conc: 49.39 ug/ml



#8 Fluorene (C16.55)

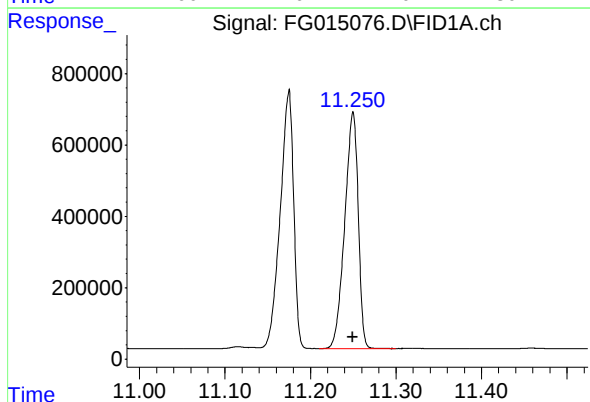
R.T.: 9.761 min
Delta R.T.: 0.000 min
Response: 7876042
Conc: 49.41 ug/ml



#9 Phenanthrene (C19.36)

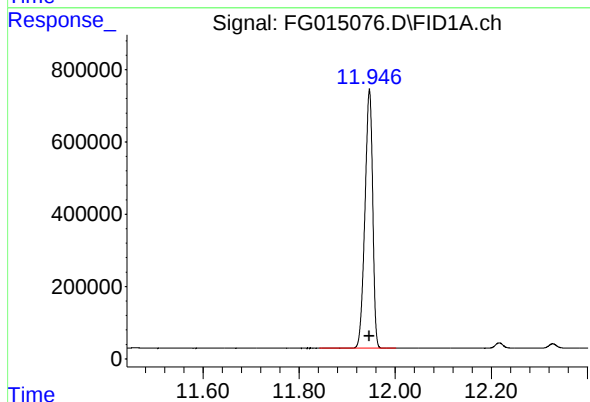
R.T.: 11.174 min
Delta R.T.: 0.000 min
Response: 7913641
Conc: 49.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



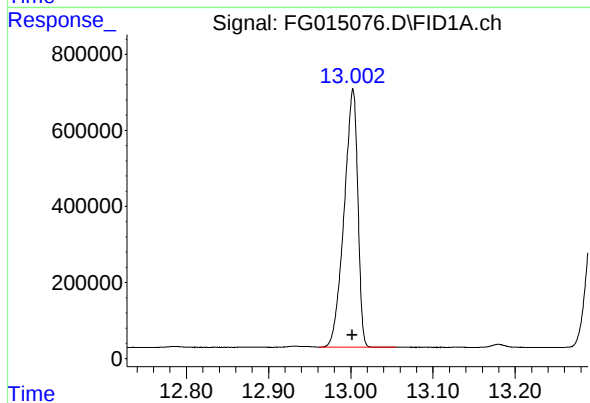
#10 Anthracene (C19.43)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 7245667
Conc: 49.36 ug/ml



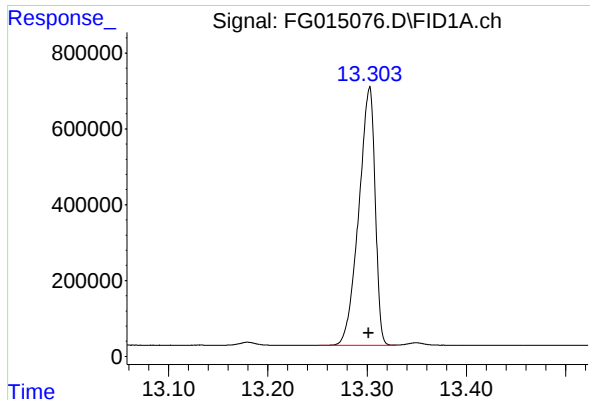
#11 ortho-Terphenyl (SURRE)

R.T.: 11.946 min
Delta R.T.: 0.000 min
Response: 8002504
Conc: 49.37 ug/ml



#12 Fluoranthene (C21.85)

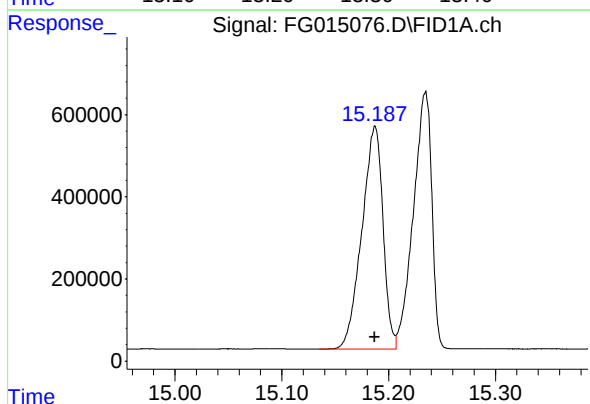
R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 7857152
Conc: 49.42 ug/ml



#13 Pyrene (C20.8)

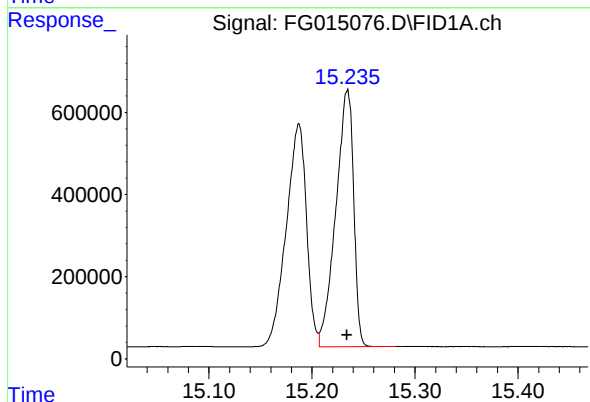
R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 7782834
Conc: 49.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



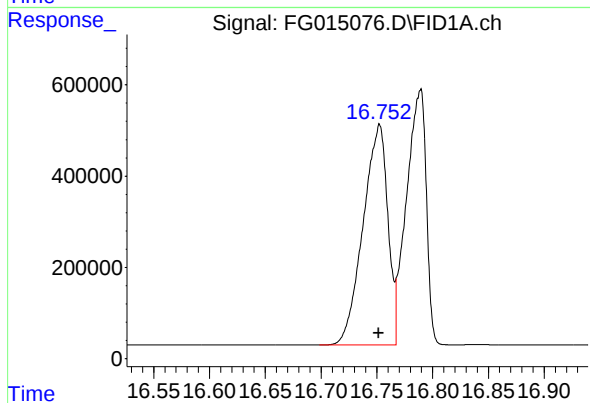
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.187 min
Delta R.T.: 0.000 min
Response: 7431959
Conc: 49.43 ug/ml



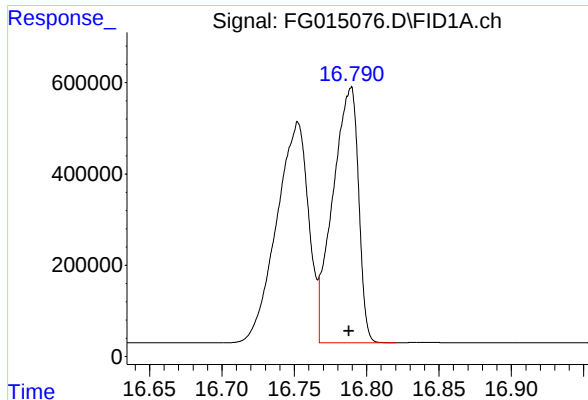
#15 Chrysene (C27.41)

R.T.: 15.234 min
Delta R.T.: 0.000 min
Response: 7506956
Conc: 49.39 ug/ml



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

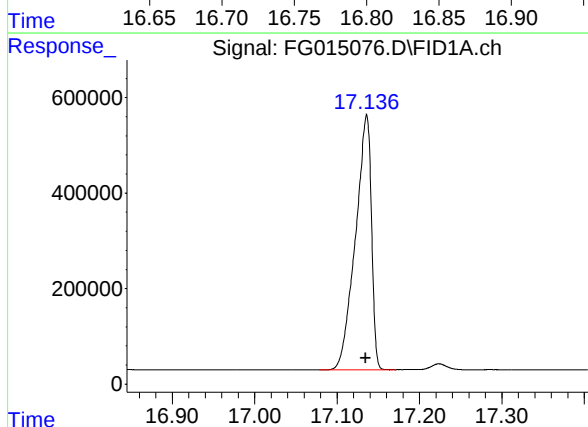
R.T.: 16.752 min
Delta R.T.: 0.000 min
Response: 7443111
Conc: 49.34 ug/ml



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

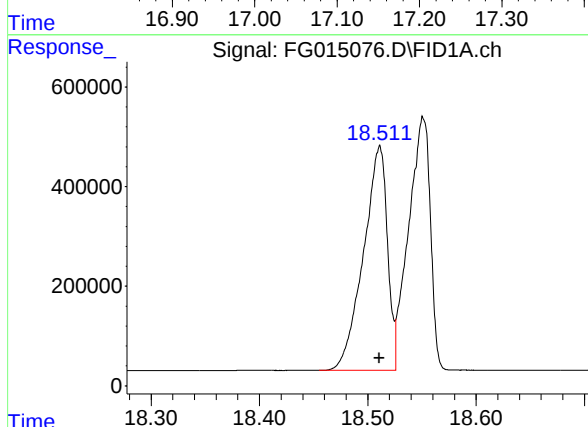
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 6907967
Conc: 49.36 ug/ml

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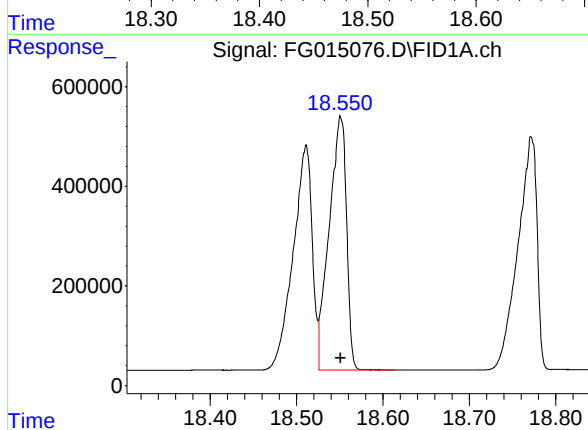
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.135 min
Delta R.T.: 0.000 min
Response: 7194181
Conc: 49.49 ug/ml



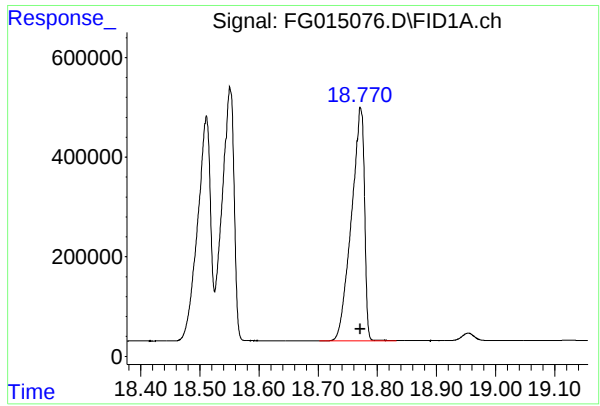
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: 0.000 min
Response: 6932345
Conc: 49.20 ug/ml



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

R.T.: 18.551 min
Delta R.T.: 0.000 min
Response: 7099021
Conc: 48.72 ug/ml



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

R.T.: 18.771 min
Delta R.T.: 0.000 min
Response: 7203571
Conc: 49.42 ug/ml

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ClientSampleId :
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