

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110624AR\
 Data File : FG014666.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 13:18
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 06 15:37:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 110624.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 15:34:50 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...	8.007	2655419	19.832 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
6) S 2-Fluorobiphenyl (SURR)	8.883	1791464	19.857 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.71%
11) S ortho-Terphenyl (SURR)	11.953	3029869	19.927 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.612	2974359	19.722 ug/ml
2) T Naphthalene (C11.7)	6.282	3105150	19.777 ug/ml
3) T 2-Methylnaphthalene (...)	7.380	3118820	19.825 ug/ml
5) T Acenaphthylene (C15.06)	8.683	3056434	19.825 ug/ml
7) T Acenaphthene (C15.5)	8.984	3053350	19.856 ug/ml
8) T Fluorene (C16.55)	9.774	2974576	19.854 ug/ml
9) T Phenanthrene (C19.36)	11.182	2982724	19.883 ug/ml
10) T Anthracene (C19.43)	11.256	2755987	19.758 ug/ml
12) T Fluoranthene (C21.85)	13.004	2932280	19.857 ug/ml
13) T Pyrene (C20.8)	13.304	2901042	19.847 ug/ml
14) T Benzo[a]anthracene (C...	15.184	2688098	19.558 ug/ml
15) T Chrysene (C27.41)	15.226	2736669	19.489 ug/ml
16) T benzo[b]fluoranthene ...	16.740	2710637	19.496 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	2547142	19.514 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.122	2612284	19.368 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.491	2411541	18.788 ug/ml
20) T Dibenz[a,h]anthracene...	18.531	2573019	19.015 ug/ml
21) T Benzo[g,h,i]perylene ...	18.748	2598901	19.109 ug/ml

(f)=RT Delta > 1/2 Window

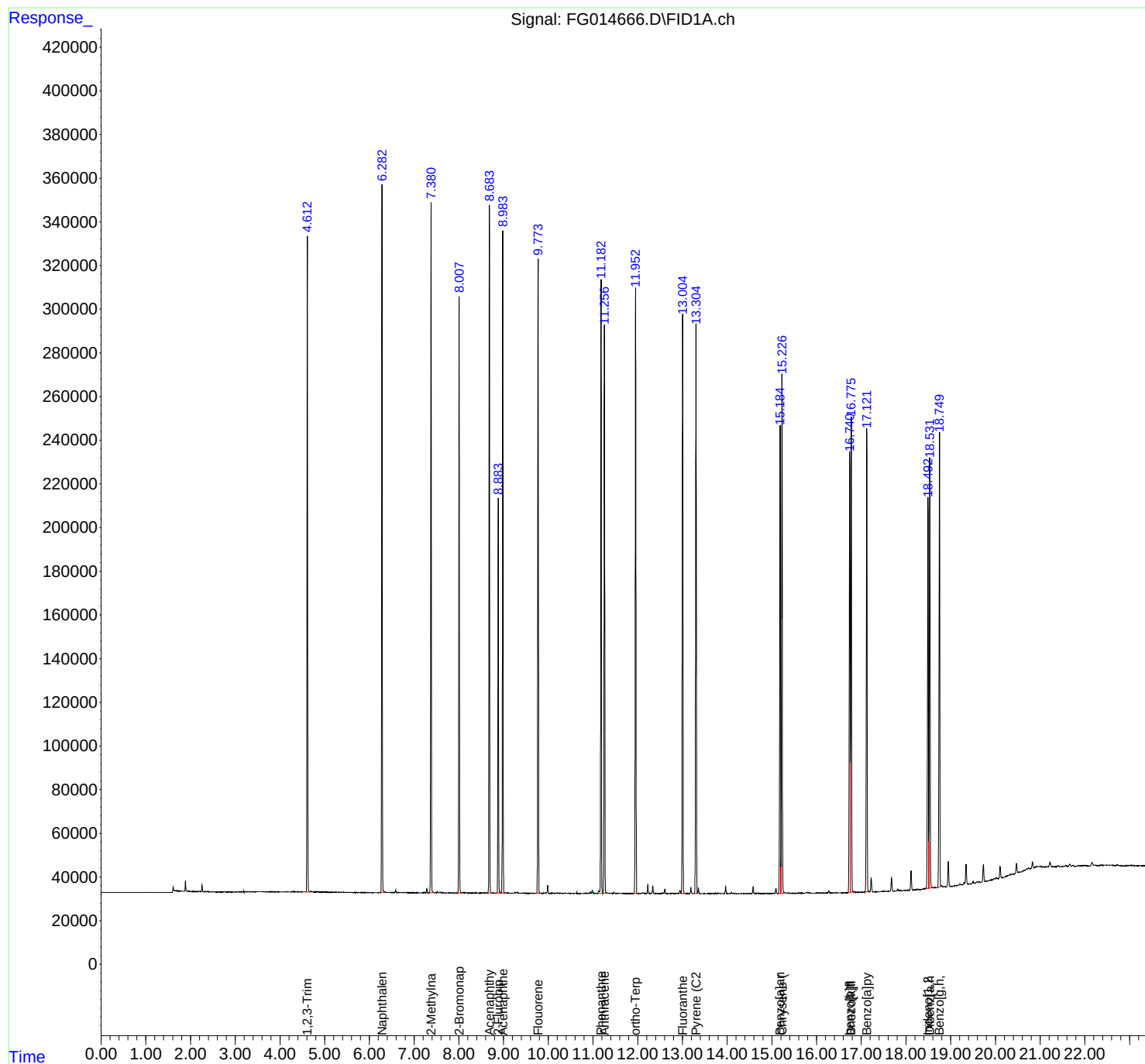
(m)=manual int.

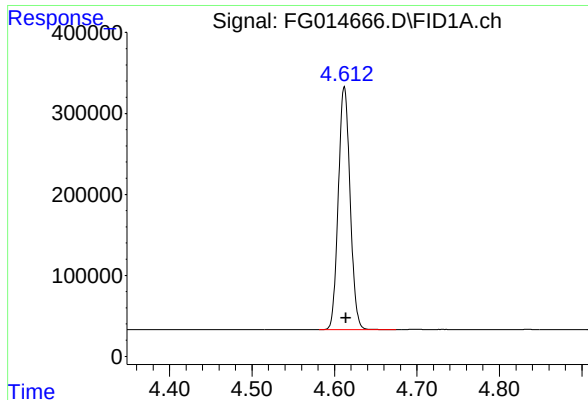
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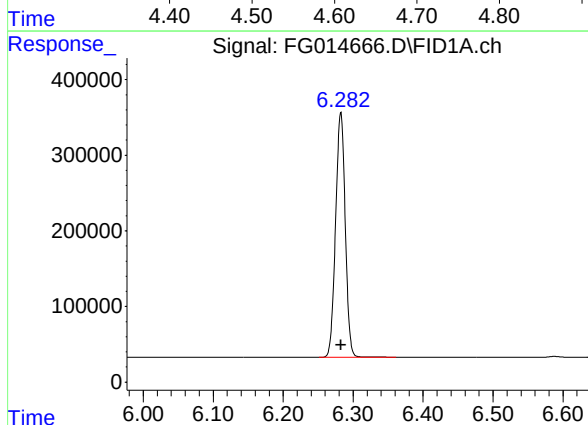




#1 1,2,3-Trimethylbenzene (C10.1)

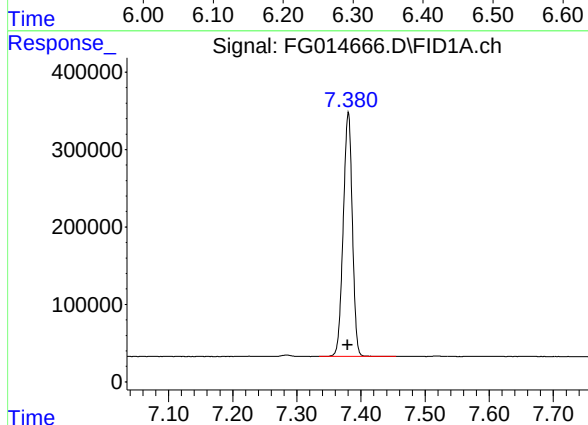
R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 2974359
Conc: 19.72 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



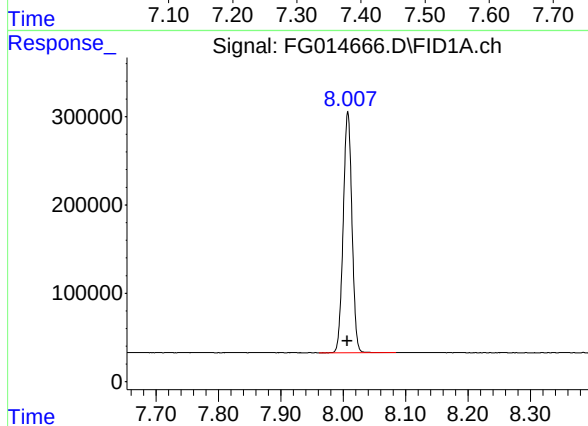
#2 Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 3105150
Conc: 19.78 ug/ml



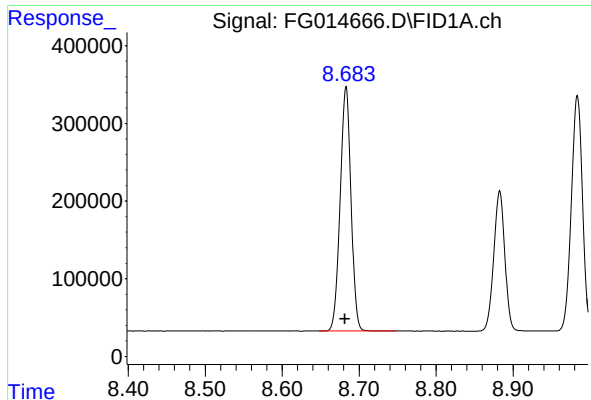
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 3118820
Conc: 19.83 ug/ml



#4 2-Bromonaphthalene (SURR)

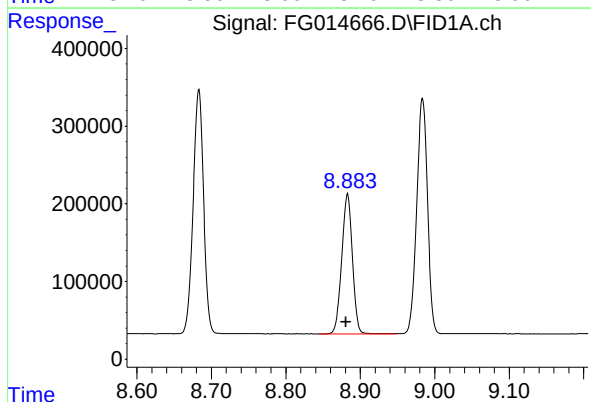
R.T.: 8.007 min
Delta R.T.: 0.000 min
Response: 2655419
Conc: 19.83 ug/ml



#5 Acenaphthylene (C15.06)

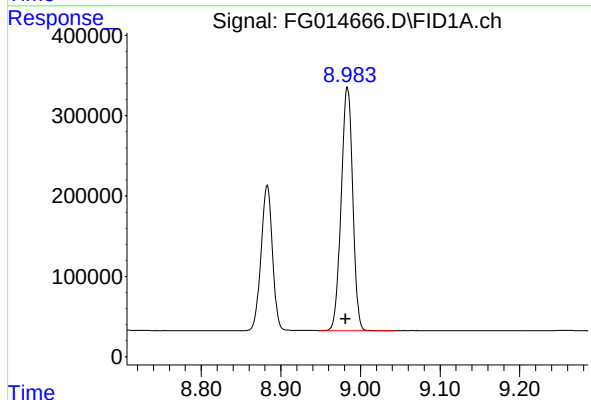
R.T.: 8.683 min
Delta R.T.: 0.001 min
Response: 3056434
Conc: 19.82 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



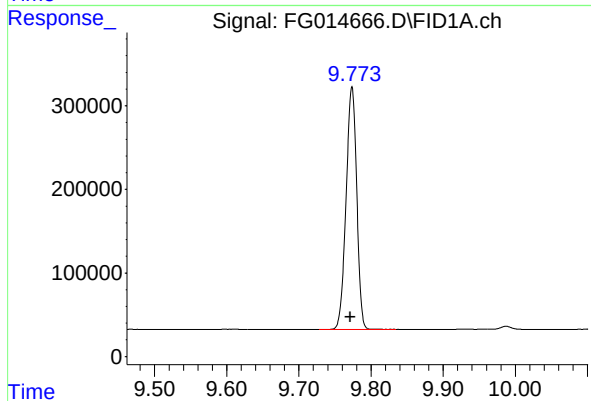
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.883 min
Delta R.T.: 0.002 min
Response: 1791464
Conc: 19.86 ug/ml



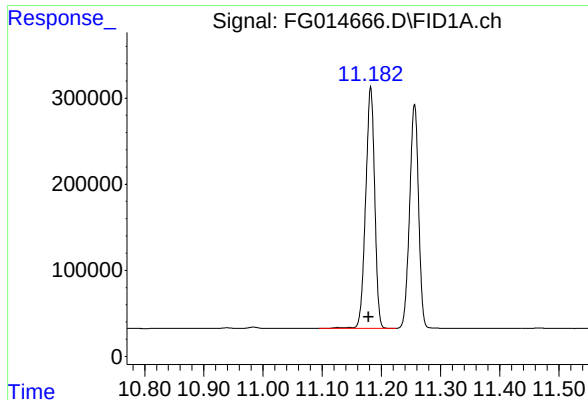
#7 Acenaphthene (C15.5)

R.T.: 8.984 min
Delta R.T.: 0.002 min
Response: 3053350
Conc: 19.86 ug/ml



#8 Fluorene (C16.55)

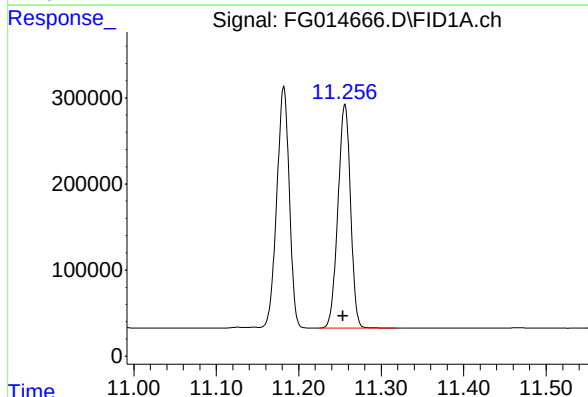
R.T.: 9.774 min
Delta R.T.: 0.002 min
Response: 2974576
Conc: 19.85 ug/ml



#9 Phenanthrene (C19.36)

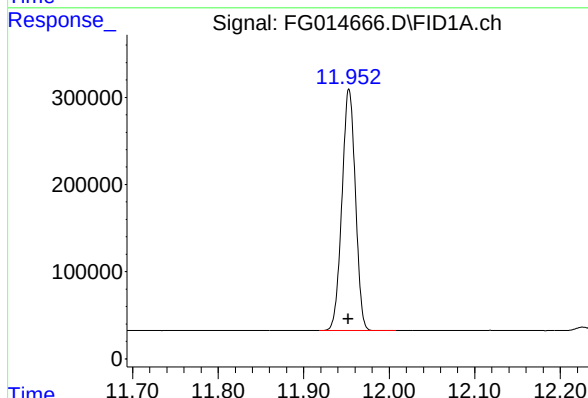
R.T.: 11.182 min
Delta R.T.: 0.003 min
Response: 2982724
Conc: 19.88 ug/ml

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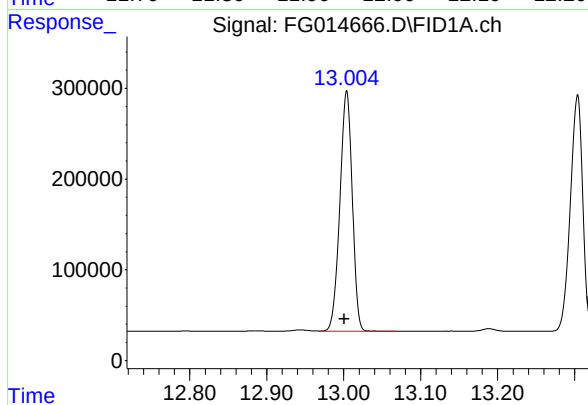
#10 Anthracene (C19.43)

R.T.: 11.256 min
Delta R.T.: 0.002 min
Response: 2755987
Conc: 19.76 ug/ml



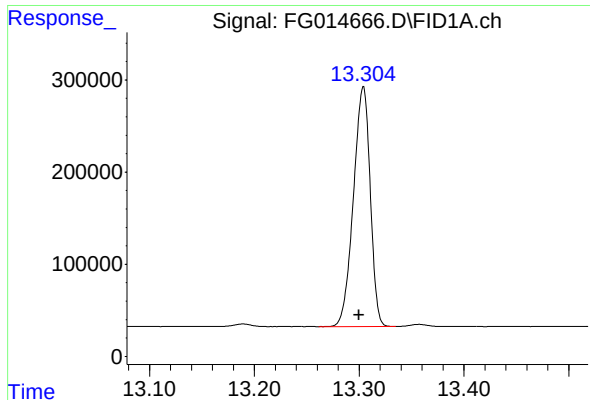
#11 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: 0.001 min
Response: 3029869
Conc: 19.93 ug/ml



#12 Fluoranthene (C21.85)

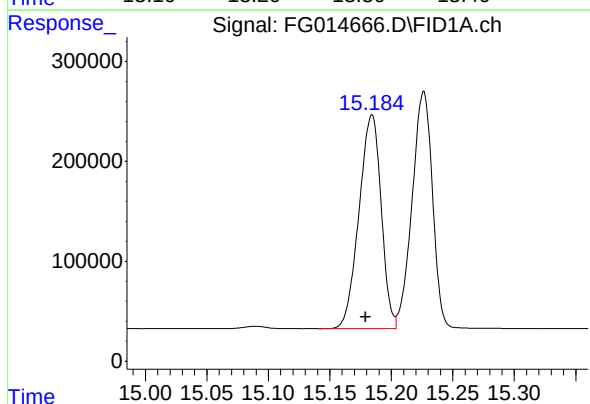
R.T.: 13.004 min
Delta R.T.: 0.003 min
Response: 2932280
Conc: 19.86 ug/ml



#13 Pyrene (C20.8)

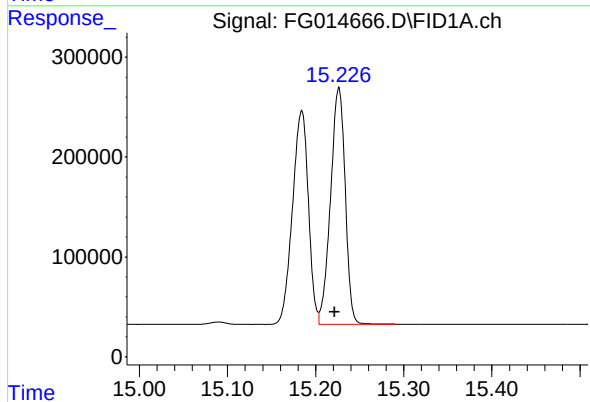
R.T.: 13.304 min
Delta R.T.: 0.004 min
Response: 2901042
Conc: 19.85 ug/ml

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20 PPM AROMATIC HC STD



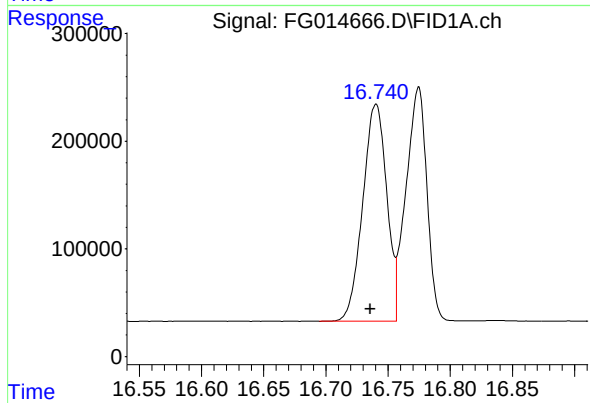
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.184 min
Delta R.T.: 0.005 min
Response: 2688098
Conc: 19.56 ug/ml



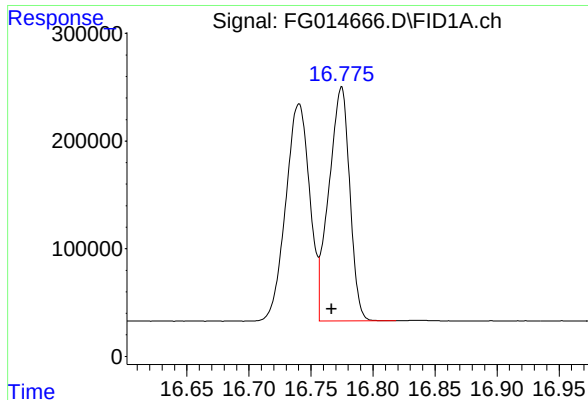
#15 Chrysene (C27.41)

R.T.: 15.226 min
Delta R.T.: 0.004 min
Response: 2736669
Conc: 19.49 ug/ml



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

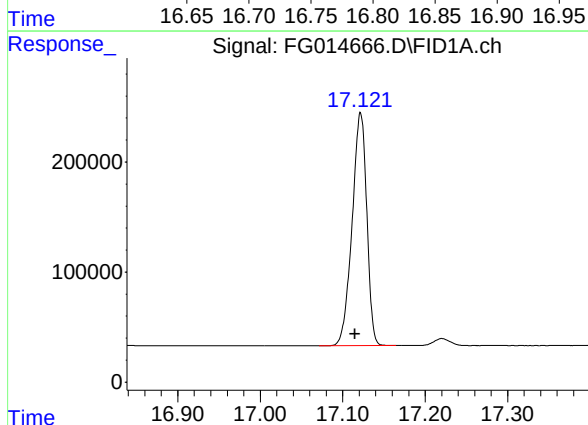
R.T.: 16.740 min
Delta R.T.: 0.004 min
Response: 2710637
Conc: 19.50 ug/ml



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

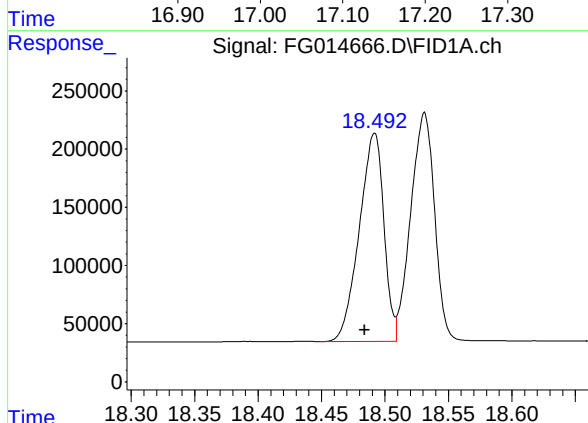
R.T.: 16.774 min
Delta R.T.: 0.007 min
Response: 2547142
Conc: 19.51 ug/ml

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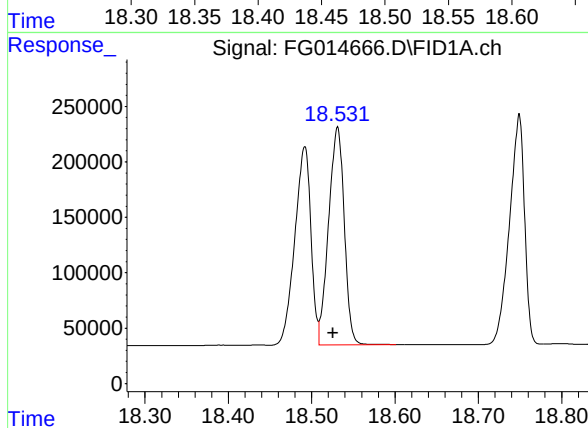
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.122 min
Delta R.T.: 0.007 min
Response: 2612284
Conc: 19.37 ug/ml



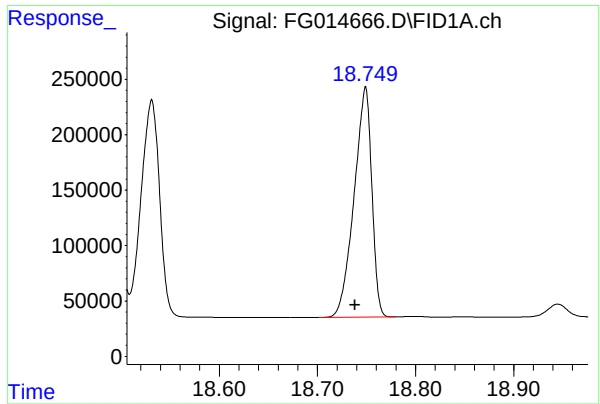
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.491 min
Delta R.T.: 0.007 min
Response: 2411541
Conc: 18.79 ug/ml



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

R.T.: 18.531 min
Delta R.T.: 0.005 min
Response: 2573019
Conc: 19.02 ug/ml



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

R.T.: 18.748 min
Delta R.T.: 0.010 min
Response: 2598901
Conc: 19.11 ug/ml

Instrument :

FID_G

ClientSampleId :

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