

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AR\
 Data File : FG014778.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 12:51
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 13:56:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 11:52:13 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...	8.000	2367687	19.317 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
6) S 2-Fluorobiphenyl (SURR)	8.875	1589338	19.404 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.81%
11) S ortho-Terphenyl (SURR)	11.946	2601795	19.403 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	2616996	19.298 ug/ml
2) T Naphthalene (C11.7)	6.275	2687056	19.333 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	2611604	19.342 ug/ml
5) T Acenaphthylene (C15.06)	8.675	2658671	19.340 ug/ml
7) T Acenaphthene (C15.5)	8.976	2590119	19.379 ug/ml
8) T Fluorene (C16.55)	9.765	2595232	19.401 ug/ml
9) T Phenanthrene (C19.36)	11.173	2519624	19.457 ug/ml
10) T Anthracene (C19.43)	11.247	2480256	19.378 ug/ml
12) T Fluoranthene (C21.85)	12.995	2481168	19.436 ug/ml
13) T Pyrene (C20.8)	13.293	2459995	19.434 ug/ml
14) T Benzo[a]anthracene (C...	15.173	2339393	19.366 ug/ml
15) T Chrysene (C27.41)	15.216	2339360	19.340 ug/ml
16) T benzo[b]fluoranthene ...	16.731	2371039	19.342 ug/ml
17) T Bnezo[k]fluoranthene ...	16.763	2369194	19.233 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	2282802	19.422 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.480	2220207	19.062 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	2426864	18.900 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	2426556	19.269 ug/ml

(f)=RT Delta > 1/2 Window

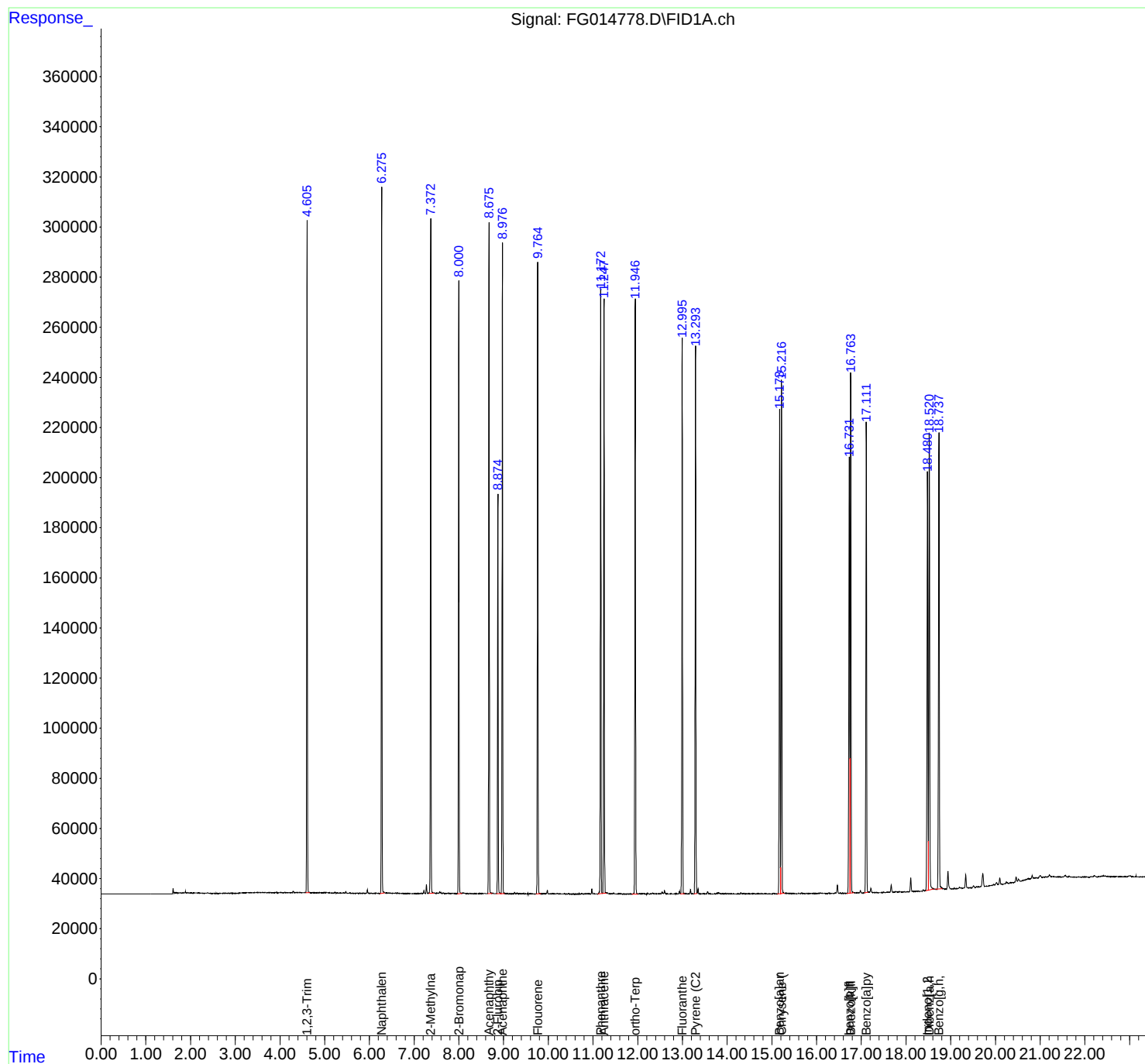
(m)=manual int.

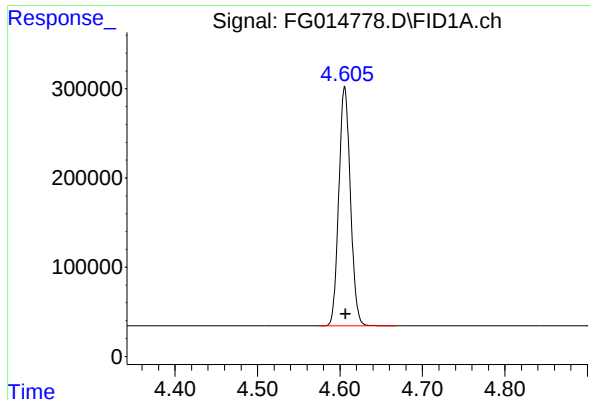
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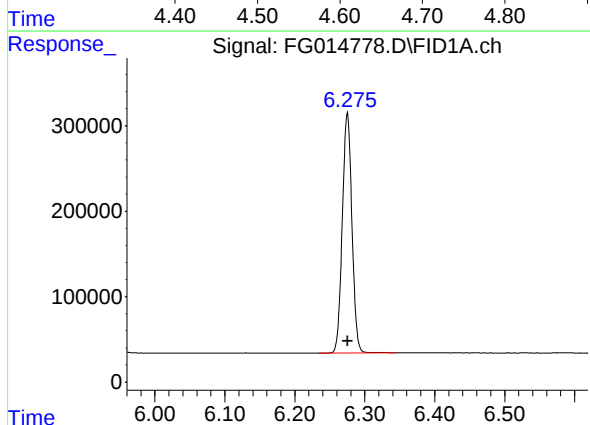




#1 1,2,3-Trimethylbenzene (C10.1)

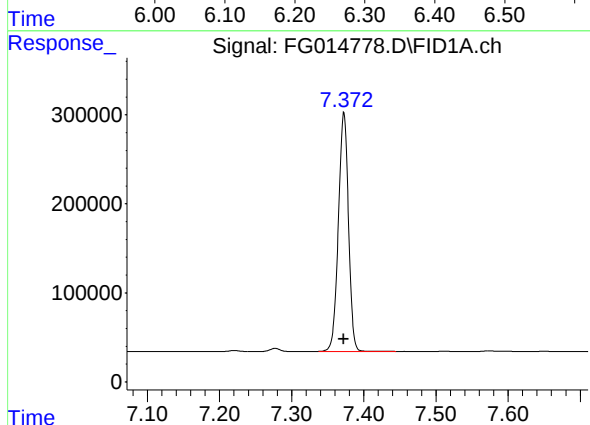
R.T.: 4.606 min
Delta R.T.: -0.001 min
Response: 2616996
Conc: 19.30 ug/ml

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FID_G
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20 PPM AROMATIC HC STD



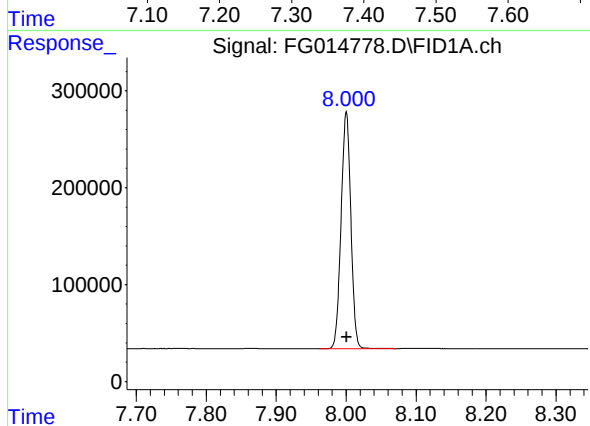
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 2687056
Conc: 19.33 ug/ml



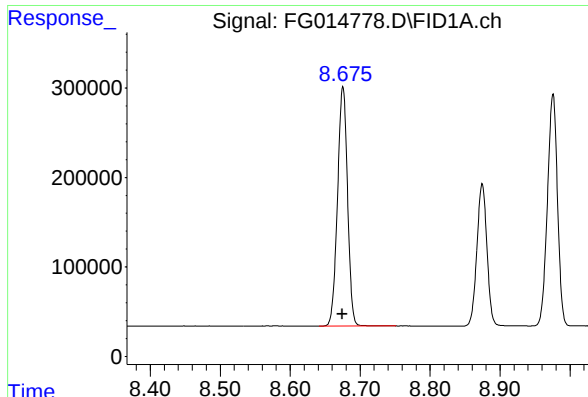
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 2611604
Conc: 19.34 ug/ml



#4 2-Bromonaphthalene (SURR)

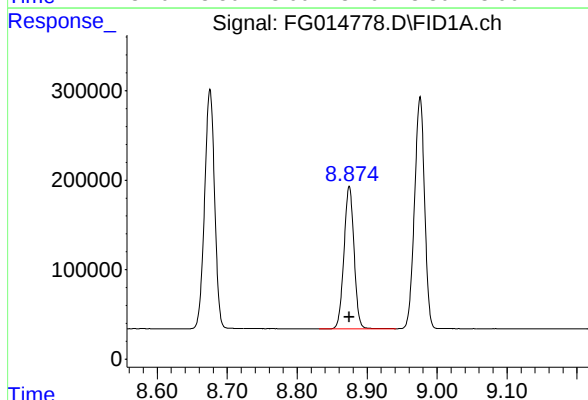
R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 2367687
Conc: 19.32 ug/ml



#5 Acenaphthylene (C15.06)

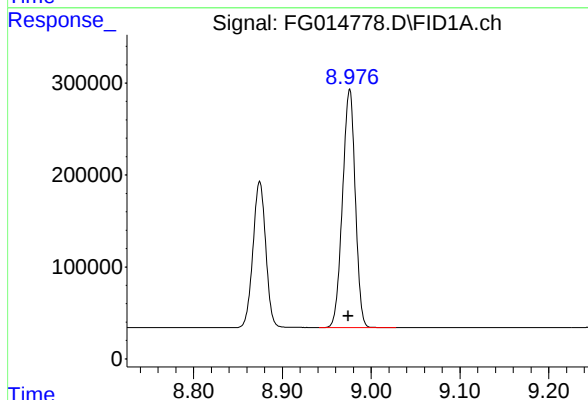
R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 2658671
Conc: 19.34 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



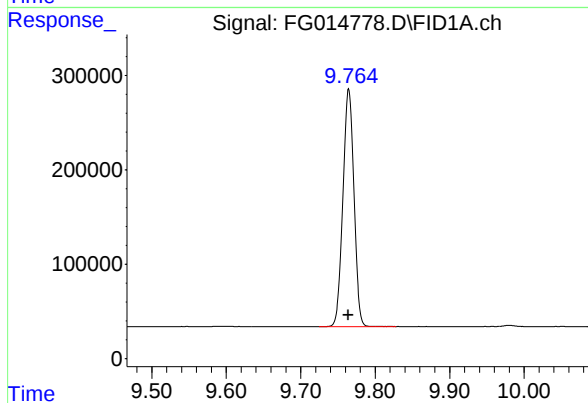
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: 0.000 min
Response: 1589338
Conc: 19.40 ug/ml



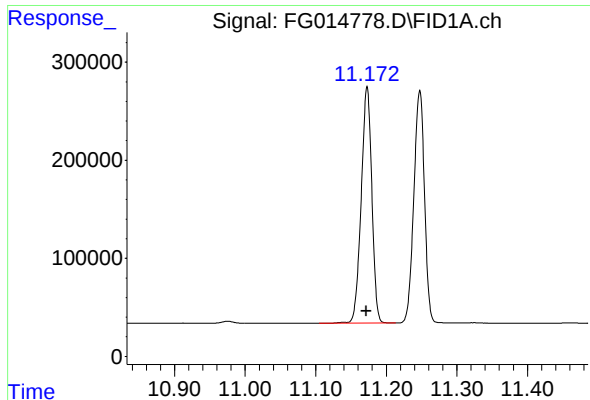
#7 Acenaphthene (C15.5)

R.T.: 8.976 min
Delta R.T.: 0.001 min
Response: 2590119
Conc: 19.38 ug/ml



#8 Flouorene (C16.55)

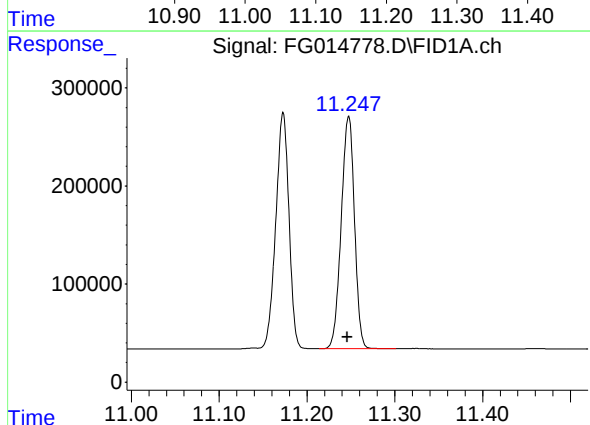
R.T.: 9.765 min
Delta R.T.: 0.000 min
Response: 2595232
Conc: 19.40 ug/ml



#9 Phenanthrene (C19.36)

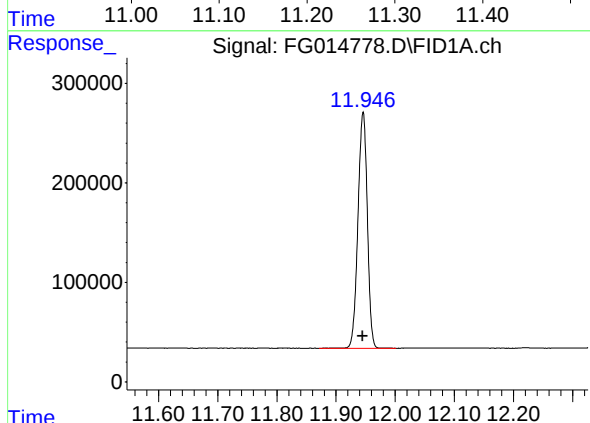
R.T.: 11.173 min
Delta R.T.: 0.001 min
Response: 2519624
Conc: 19.46 ug/ml

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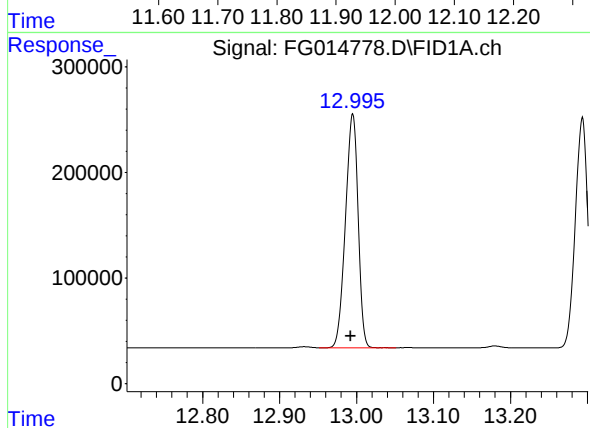
#10 Anthracene (C19.43)

R.T.: 11.247 min
Delta R.T.: 0.002 min
Response: 2480256
Conc: 19.38 ug/ml



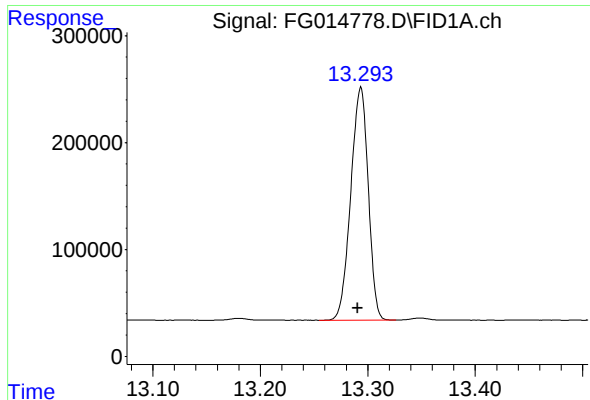
#11 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: 0.000 min
Response: 2601795
Conc: 19.40 ug/ml



#12 Fluoranthene (C21.85)

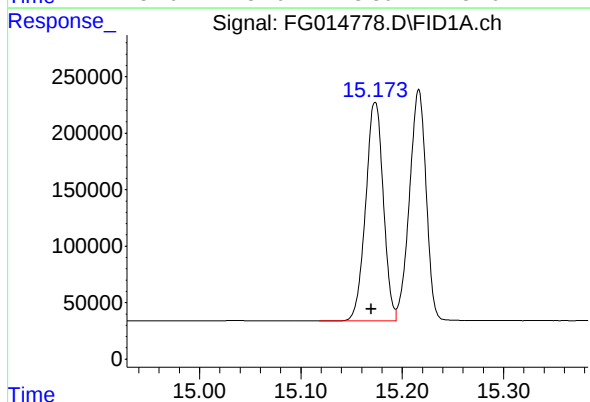
R.T.: 12.995 min
Delta R.T.: 0.002 min
Response: 2481168
Conc: 19.44 ug/ml



#13 Pyrene (C20.8)

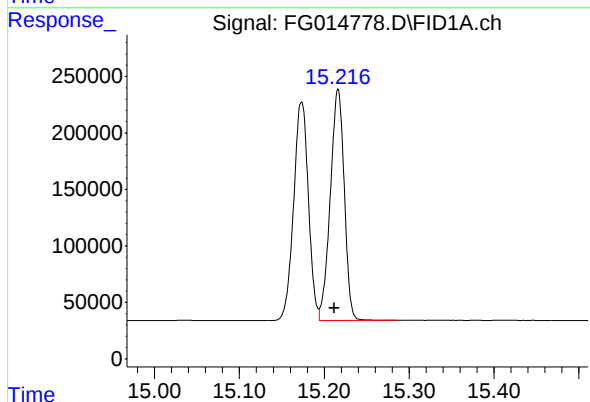
R.T.: 13.293 min
Delta R.T.: 0.002 min
Response: 2459995
Conc: 19.43 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



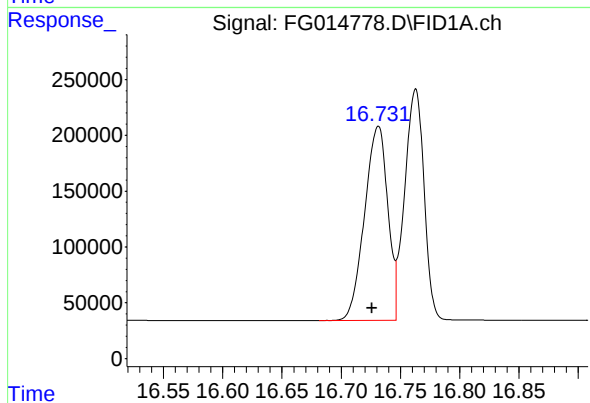
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.173 min
Delta R.T.: 0.004 min
Response: 2339393
Conc: 19.37 ug/ml



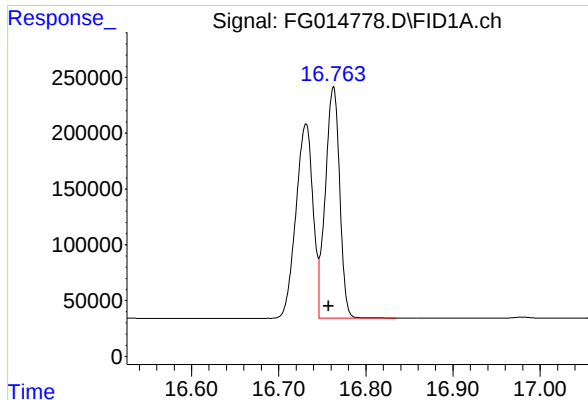
#15 Chrysene (C27.41)

R.T.: 15.216 min
Delta R.T.: 0.004 min
Response: 2339360
Conc: 19.34 ug/ml



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

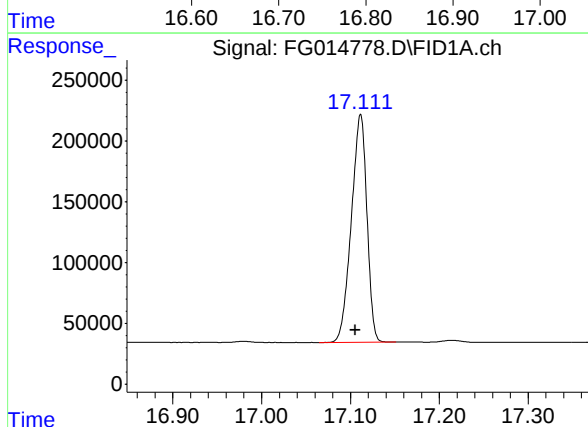
R.T.: 16.731 min
Delta R.T.: 0.005 min
Response: 2371039
Conc: 19.34 ug/ml



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

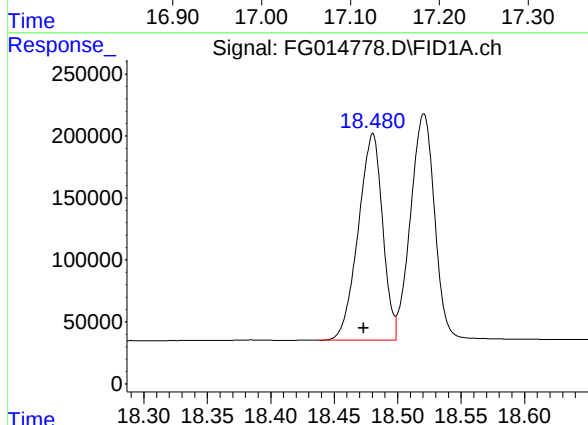
R.T.: 16.763 min
Delta R.T.: 0.005 min
Response: 2369194
Conc: 19.23 ug/ml

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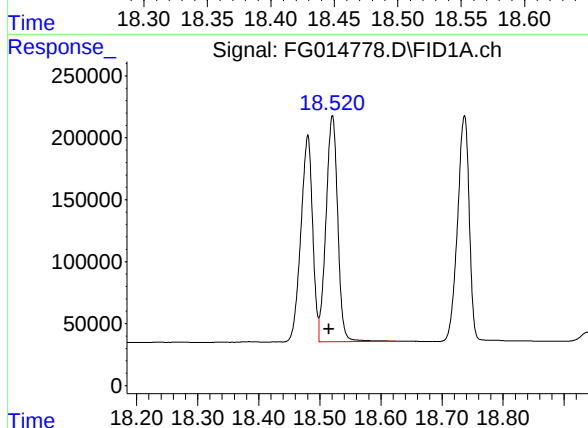
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: 0.006 min
Response: 2282802
Conc: 19.42 ug/ml



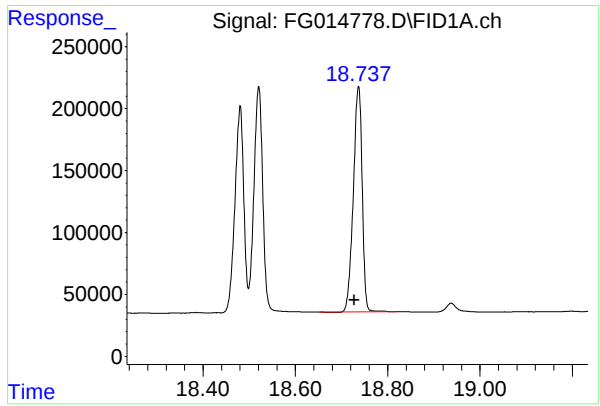
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.480 min
Delta R.T.: 0.007 min
Response: 2220207
Conc: 19.06 ug/ml



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

R.T.: 18.520 min
Delta R.T.: 0.005 min
Response: 2426864
Conc: 18.90 ug/ml



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

R.T.: 18.737 min
Delta R.T.: 0.009 min
Response: 2426556
Conc: 19.27 ug/ml

Instrument :

FID_G

ClientSampleId :

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