

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AR\
 Data File : FG015078.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 15:55
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 14 18:02:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 18:01:54 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...	7.986	1425317	10.285 ug/ml
Spiked Amount 50.000		Recovery =	20.57%
6) S 2-Fluorobiphenyl (SURR)	8.862	981367	10.255 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.51%
11) S ortho-Terphenyl (SURR)	11.940	1687409	10.304 ug/ml
Spiked Amount 50.000		Recovery =	20.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.580	1533173	10.364 ug/ml
2) T Naphthalene (C11.7)	6.256	1639571	10.332 ug/ml
3) T 2-Methylnaphthalene (...)	7.356	1669037	10.281 ug/ml
5) T Acenaphthylene (C15.06)	8.662	1662069	10.314 ug/ml
7) T Acenaphthene (C15.5)	8.963	1663570	10.298 ug/ml
8) T Fluorene (C16.55)	9.755	1652780	10.273 ug/ml
9) T Phenanthrene (C19.36)	11.165	1662245	10.298 ug/ml
10) T Anthracene (C19.43)	11.240	1548108	10.405 ug/ml
12) T Fluoranthene (C21.85)	12.992	1643341	10.250 ug/ml
13) T Pyrene (C20.8)	13.291	1624829	10.242 ug/ml
14) T Benzo[a]anthracene (C...	15.177	1555779	10.258 ug/ml
15) T Chrysene (C27.41)	15.218	1587610	10.330 ug/ml
16) T benzo[b]fluoranthene ...	16.737	1559590	10.252 ug/ml
17) T Bnezo[k]fluoranthene ...	16.769	1498718	10.522 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.119	1521544	10.347 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	1442623	10.179 ug/ml
20) T Dibenz[a,h]anthracene...	18.534	1798383	11.659 ug/ml
21) T Benzo[g,h,i]perylene ...	18.748	1541255	10.424 ug/ml

(f)=RT Delta > 1/2 Window

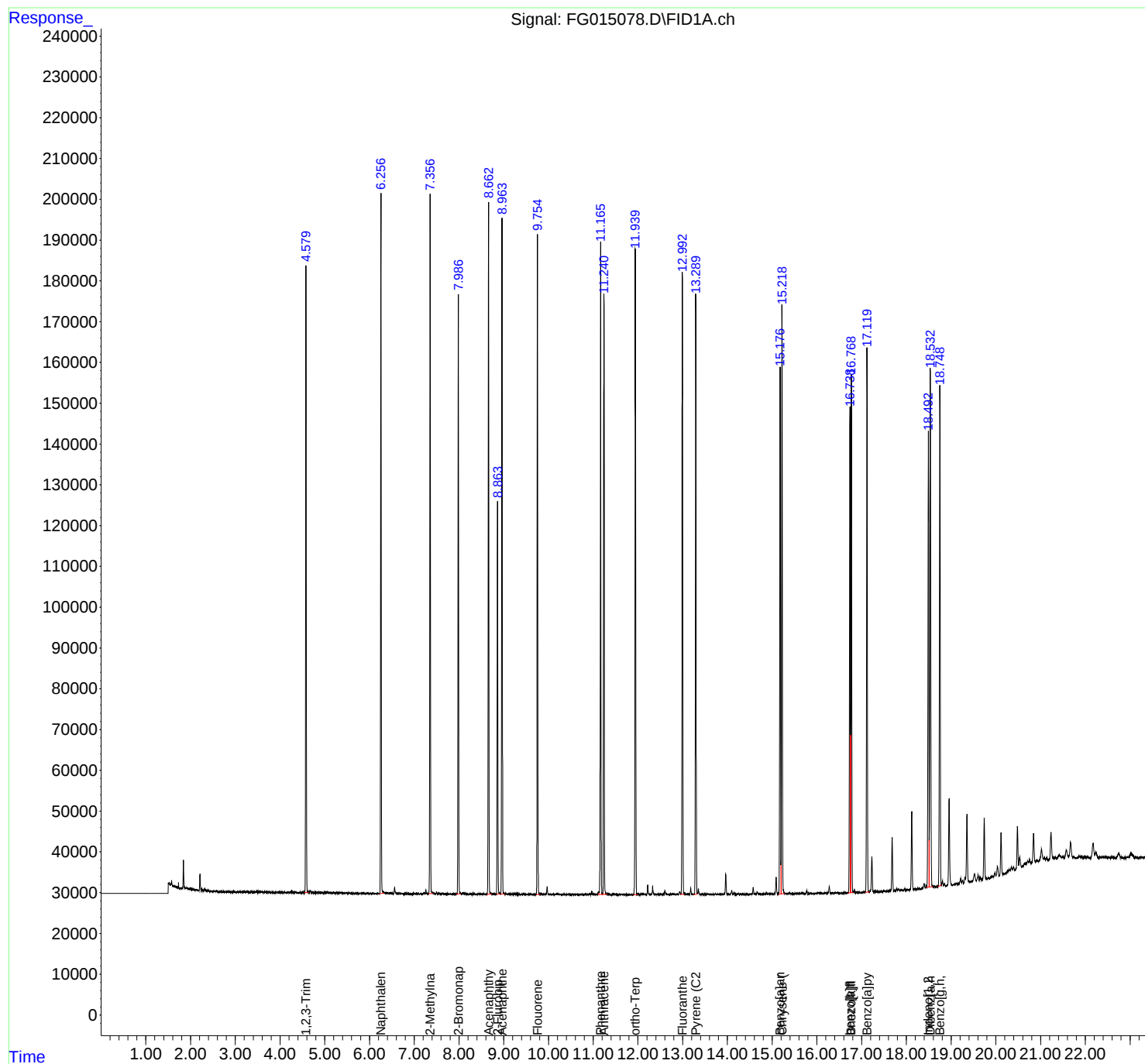
(m)=manual int.

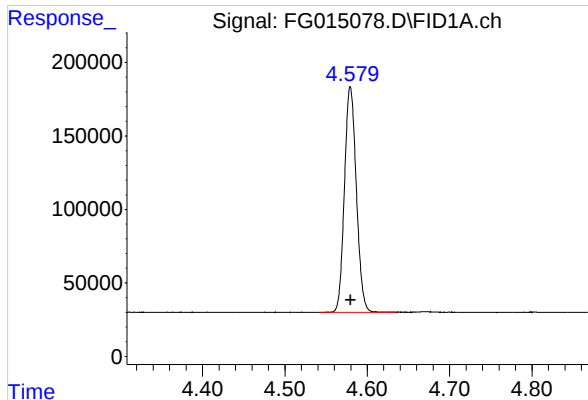
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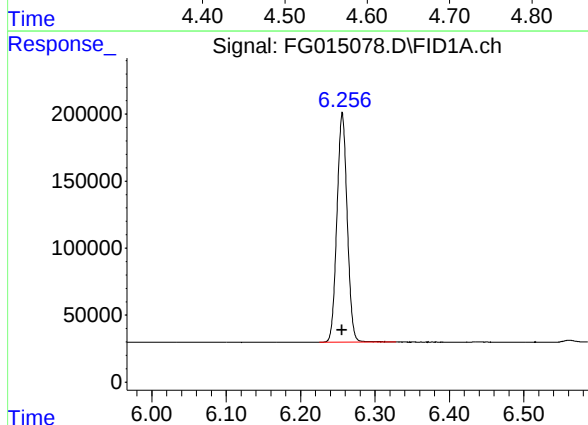




#1 1,2,3-Trimethylbenzene (C10.1)

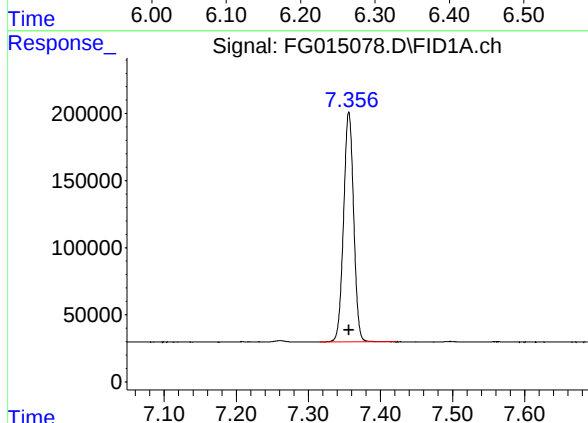
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 1533173
Conc: 10.36 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



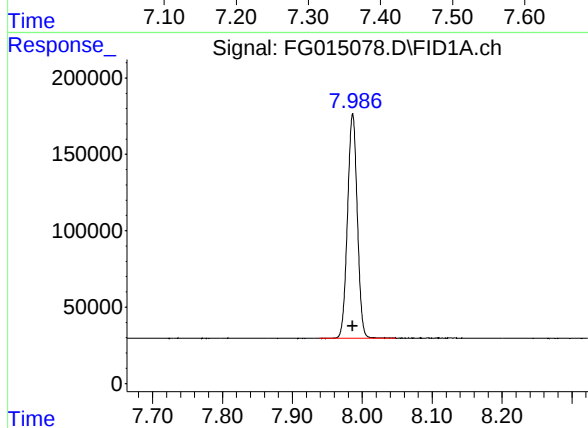
#2 Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1639571
Conc: 10.33 ug/ml



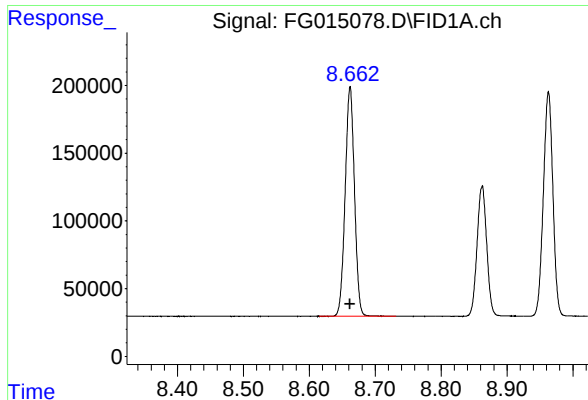
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 1669037
Conc: 10.28 ug/ml



#4 2-Bromonaphthalene (SURR)

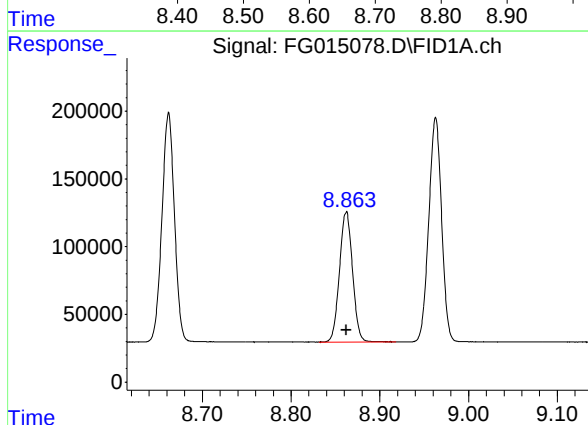
R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 1425317
Conc: 10.28 ug/ml



#5 Acenaphthylene (C15.06)

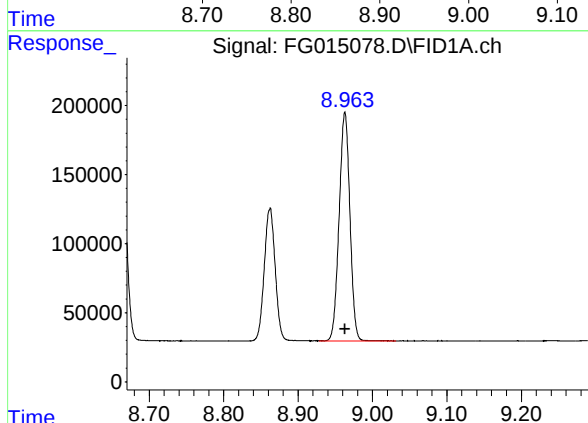
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 1662069
Conc: 10.31 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



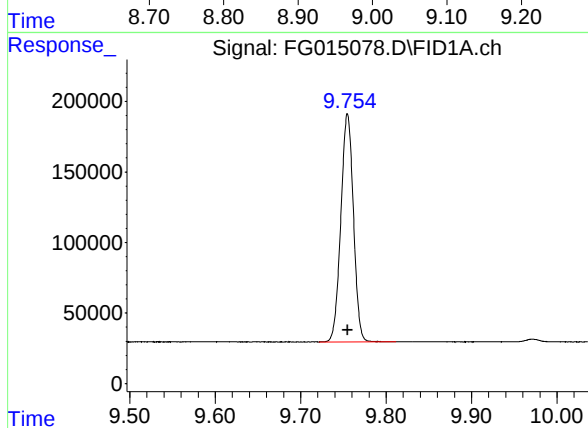
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 981367
Conc: 10.26 ug/ml



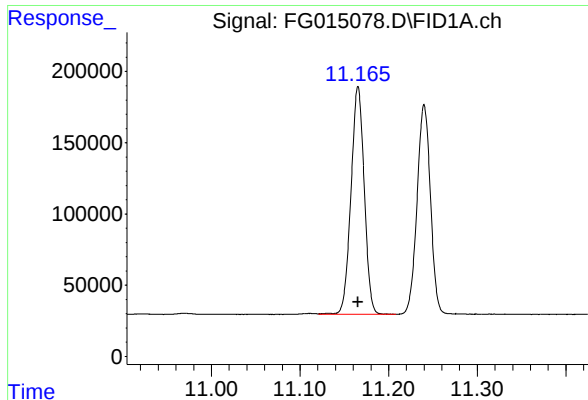
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.000 min
Response: 1663570
Conc: 10.30 ug/ml



#8 Flouorene (C16.55)

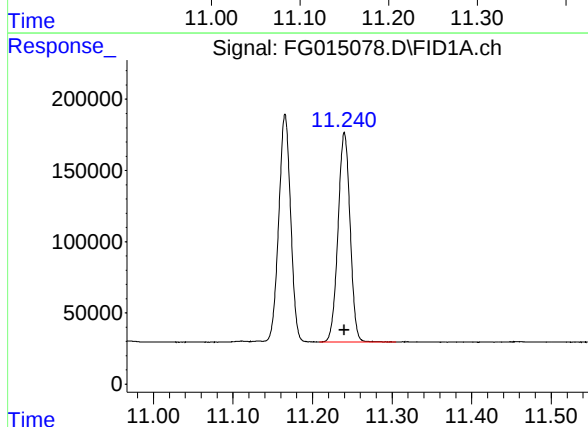
R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 1652780
Conc: 10.27 ug/ml



#9 Phenanthrene (C19.36)

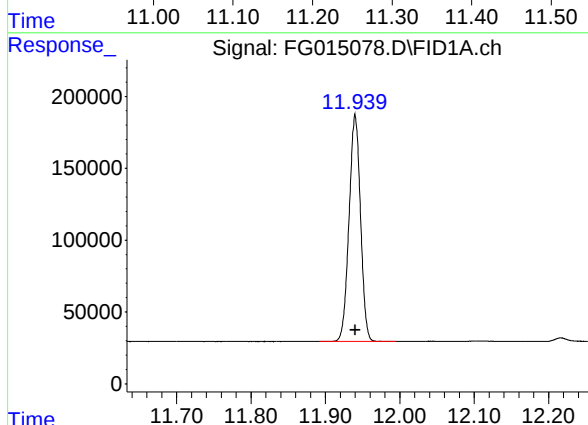
R.T.: 11.165 min
Delta R.T.: 0.000 min
Response: 1662245
Conc: 10.30 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



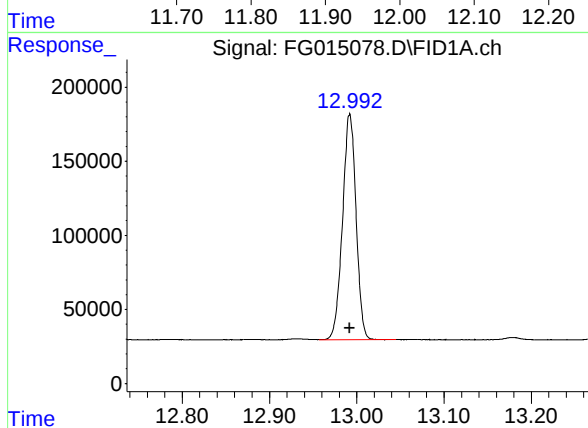
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 1548108
Conc: 10.40 ug/ml



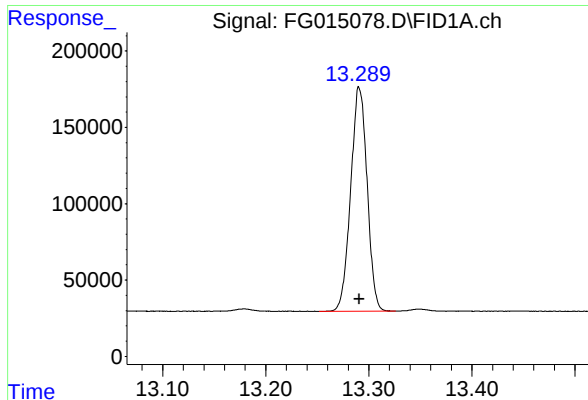
#11 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 1687409
Conc: 10.30 ug/ml



#12 Fluoranthene (C21.85)

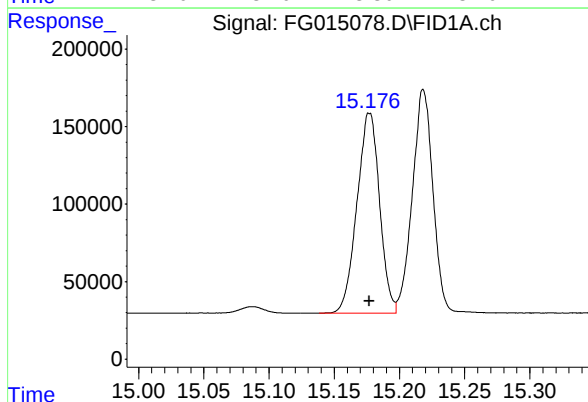
R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 1643341
Conc: 10.25 ug/ml



#13 Pyrene (C20.8)

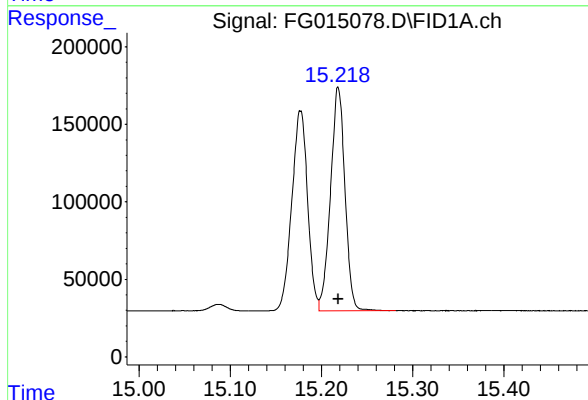
R.T.: 13.291 min
Delta R.T.: 0.000 min
Response: 1624829
Conc: 10.24 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



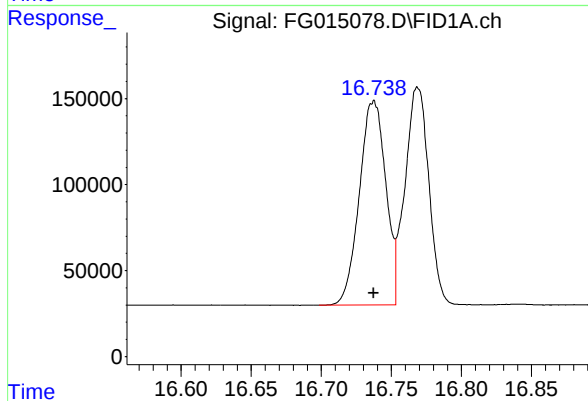
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.177 min
Delta R.T.: 0.000 min
Response: 1555779
Conc: 10.26 ug/ml



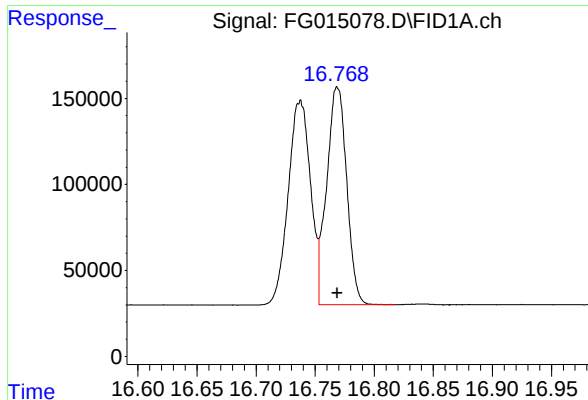
#15 Chrysene (C27.41)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 1587610
Conc: 10.33 ug/ml



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

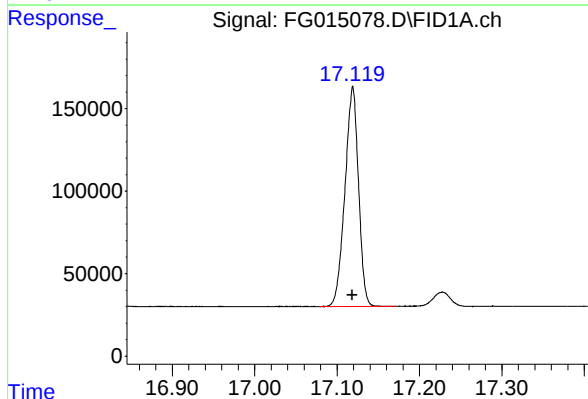
R.T.: 16.737 min
Delta R.T.: 0.000 min
Response: 1559590
Conc: 10.25 ug/ml



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

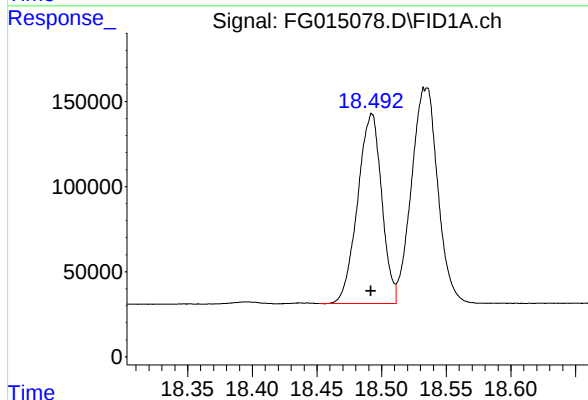
R.T.: 16.769 min
Delta R.T.: 0.000 min
Response: 1498718
Conc: 10.52 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



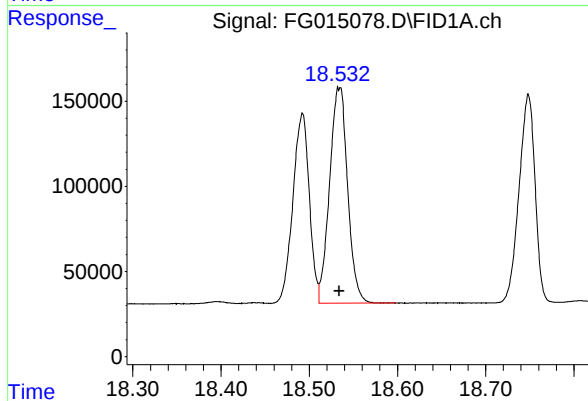
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: 0.000 min
Response: 1521544
Conc: 10.35 ug/ml



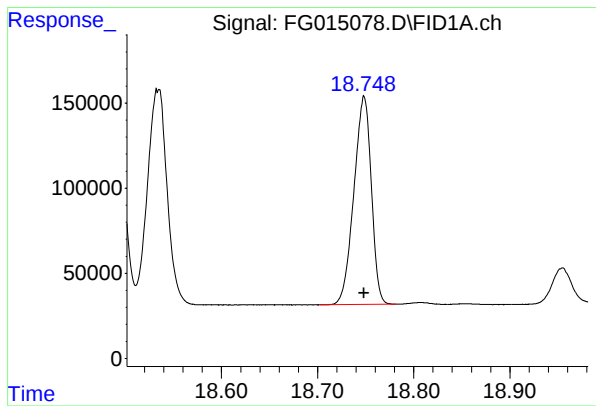
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 1442623
Conc: 10.18 ug/ml



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

R.T.: 18.534 min
Delta R.T.: 0.000 min
Response: 1798383
Conc: 11.66 ug/ml



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

R.T.: 18.748 min
Delta R.T.: 0.000 min
Response: 1541255
Conc: 10.42 ug/ml

Instrument :

FID_G

ClientSampleId :

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