

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015979.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 21:25
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 16 04:42:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 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...	8.059	2183212	19.227 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
6) S 2-Fluorobiphenyl (SURR)	8.933	1497837	19.242 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.48%
11) S ortho-Terphenyl (SURR)	11.999	2550981	19.283 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2383131	19.248 ug/ml
2) T Naphthalene (C11.7)	6.333	2515968	19.226 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	2551446	19.254 ug/ml
5) T Acenaphthylene (C15.06)	8.734	2532659	19.192 ug/ml
7) T Acenaphthene (C15.5)	9.034	2518521	19.287 ug/ml
8) T Fluorene (C16.55)	9.822	2505006	19.258 ug/ml
9) T Phenanthrene (C19.36)	11.228	2491067	19.209 ug/ml
10) T Anthracene (C19.43)	11.302	2484606	19.239 ug/ml
12) T Fluoranthene (C21.85)	13.048	2512029	19.226 ug/ml
13) T Pyrene (C20.8)	13.347	2490914	19.213 ug/ml
14) T Benzo[a]anthracene (C...	15.226	2416155	19.164 ug/ml
15) T Chrysene (C27.41)	15.269	2446524	19.169 ug/ml
16) T benzo[b]fluoranthene ...	16.783	2390064	19.083 ug/ml
17) T Bnezo[k]fluoranthene ...	16.816	2275327	19.203 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.164	2335545	19.112 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.534	2110207	18.917 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	2243135	19.266 ug/ml
21) T Benzo[g,h,i]perylene ...	18.790	2220684	19.080 ug/ml

(f)=RT Delta > 1/2 Window

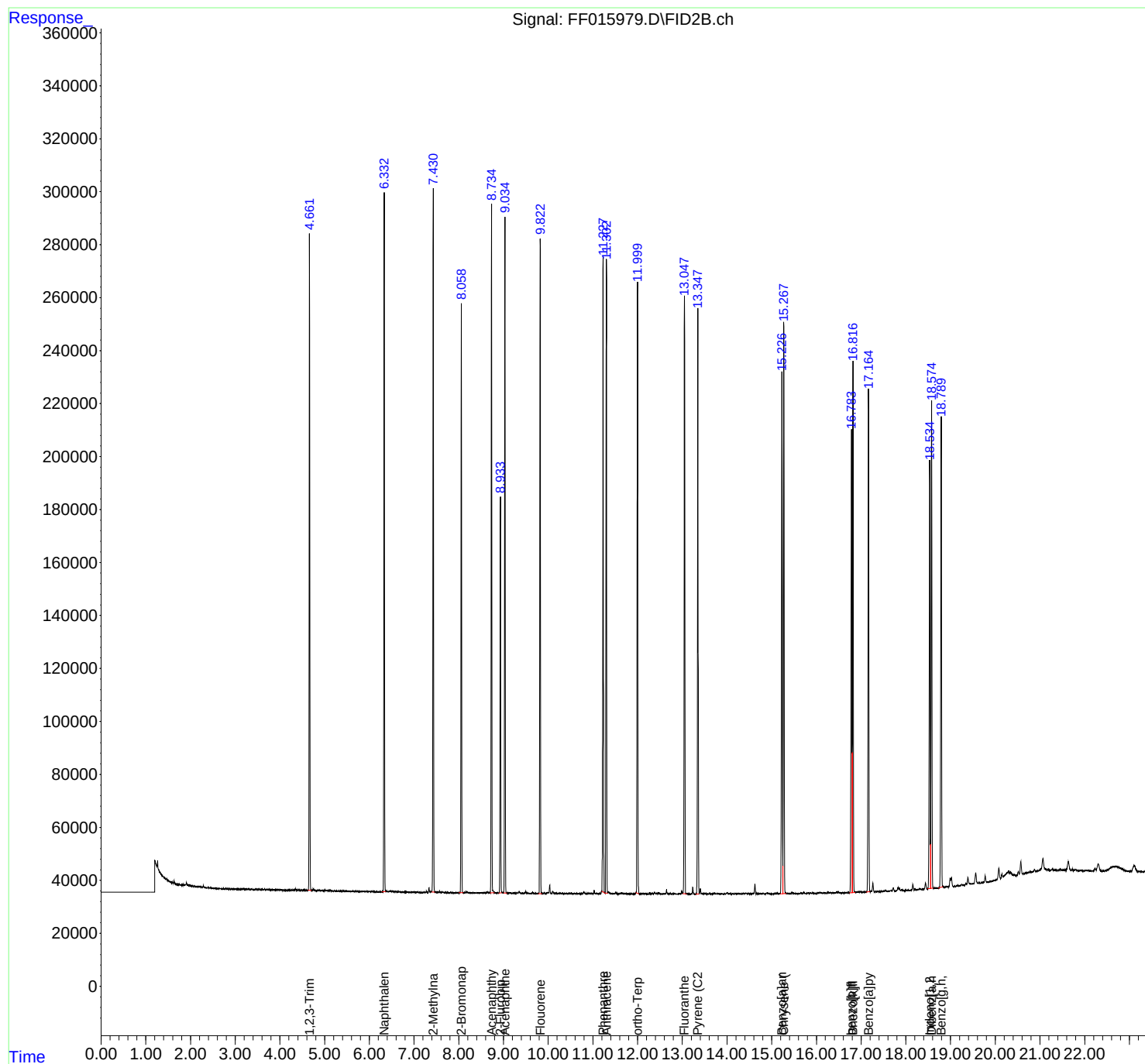
(m)=manual int.

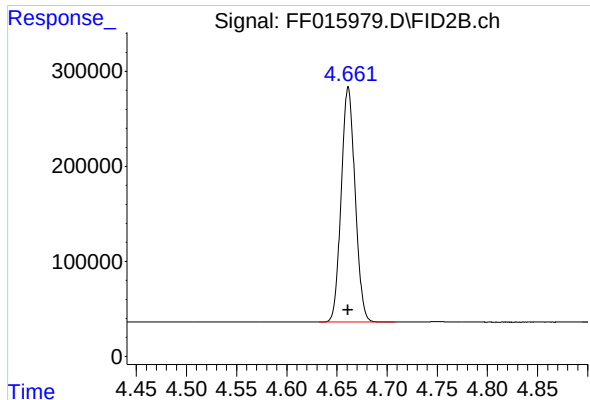
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Signal Info : 20M x 0.18mm x 0.18µm

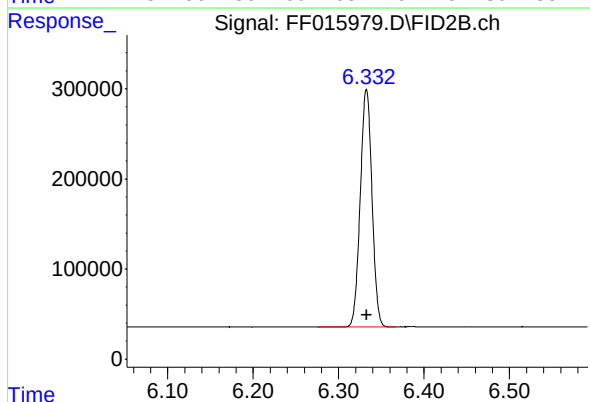




#1 1,2,3-Trimethylbenzene (C10.1)

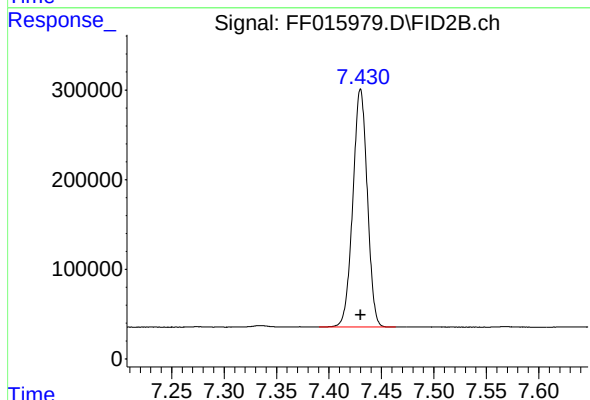
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2383131
Conc: 19.25 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



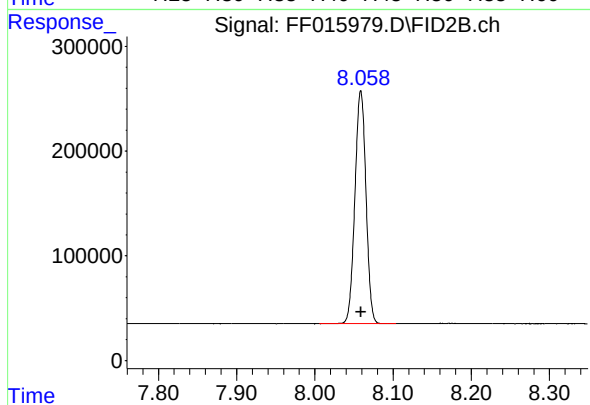
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 2515968
Conc: 19.23 ug/ml



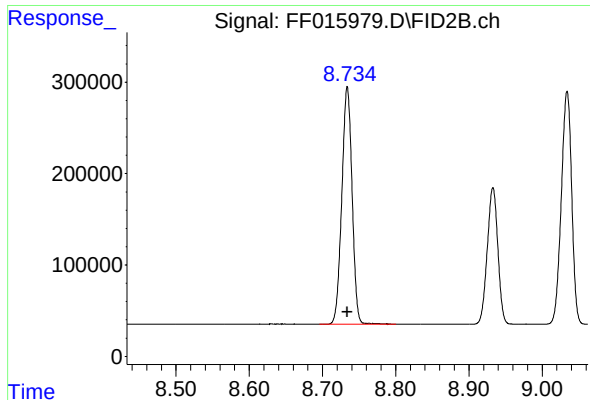
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2551446
Conc: 19.25 ug/ml



#4 2-Bromonaphthalene (SURR)

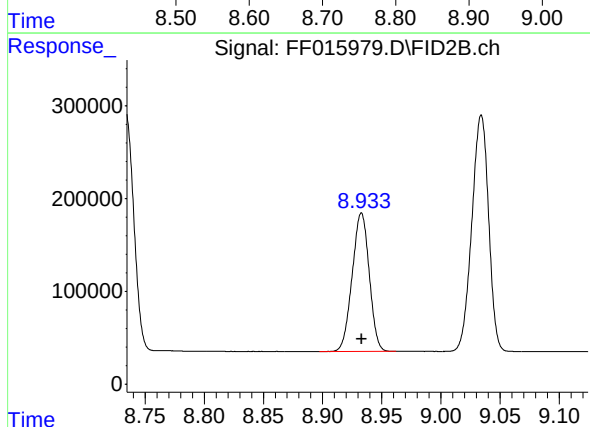
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2183212
Conc: 19.23 ug/ml



#5 Acenaphthylene (C15.06)

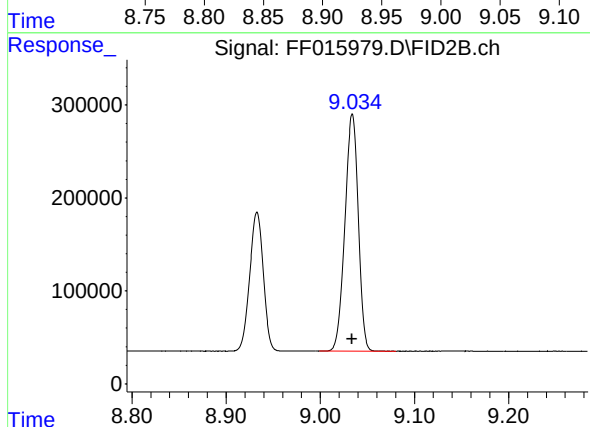
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 2532659
Conc: 19.19 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



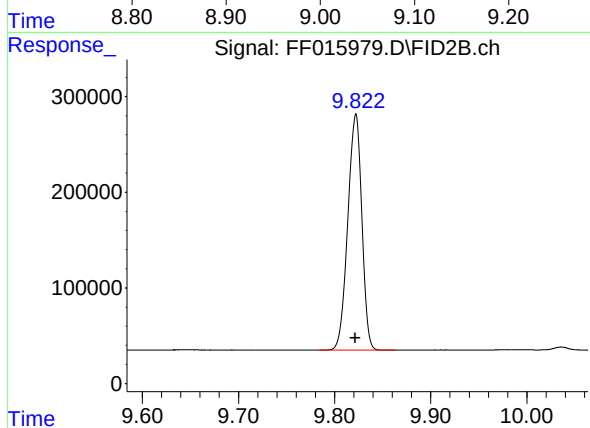
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.933 min
Delta R.T.: 0.000 min
Response: 1497837
Conc: 19.24 ug/ml



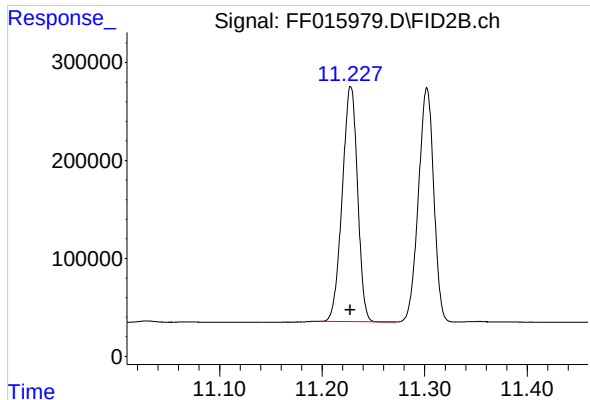
#7 Acenaphthene (C15.5)

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 2518521
Conc: 19.29 ug/ml



#8 Fluorene (C16.55)

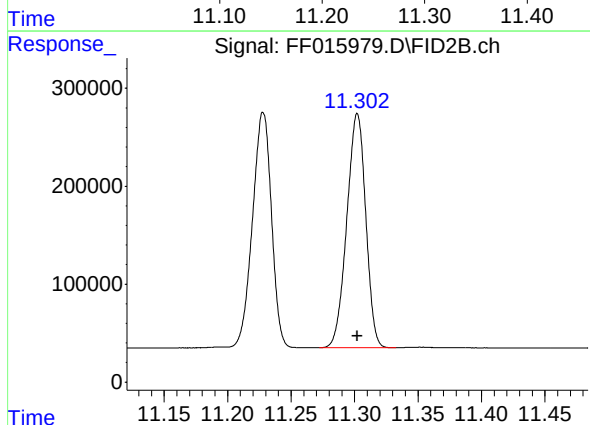
R.T.: 9.822 min
Delta R.T.: 0.000 min
Response: 2505006
Conc: 19.26 ug/ml



#9 Phenanthrene (C19.36)

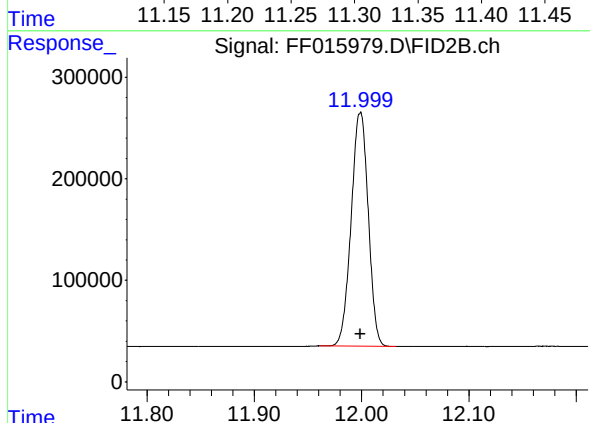
R.T.: 11.228 min
Delta R.T.: 0.000 min
Response: 2491067
Conc: 19.21 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



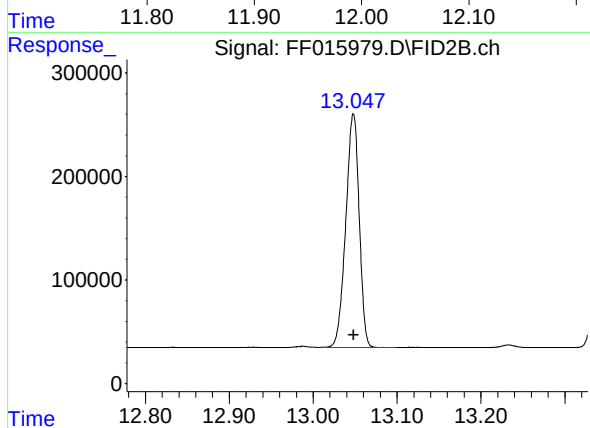
#10 Anthracene (C19.43)

R.T.: 11.302 min
Delta R.T.: 0.000 min
Response: 2484606
Conc: 19.24 ug/ml



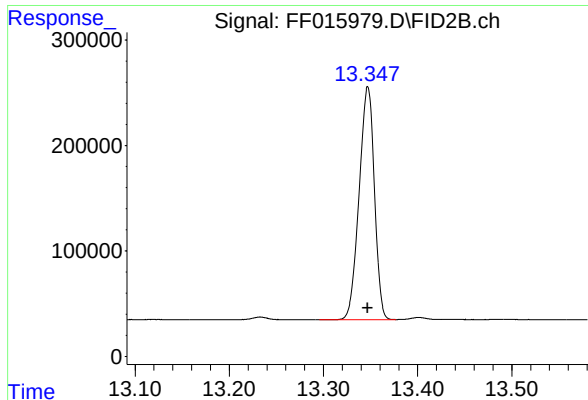
#11 ortho-Terphenyl (SURR)

R.T.: 11.999 min
Delta R.T.: 0.000 min
Response: 2550981
Conc: 19.28 ug/ml



#12 Fluoranthene (C21.85)

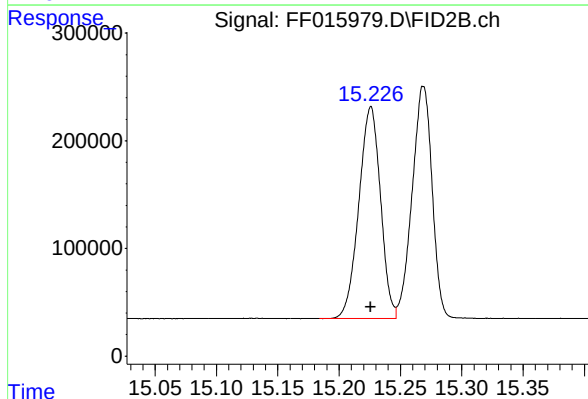
R.T.: 13.048 min
Delta R.T.: 0.000 min
Response: 2512029
Conc: 19.23 ug/ml



#13 Pyrene (C20.8)

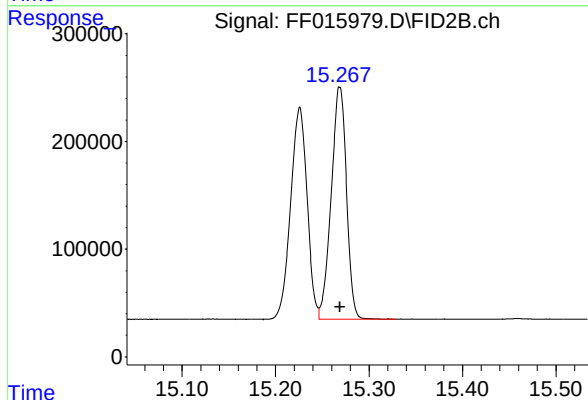
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2490914
Conc: 19.21 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



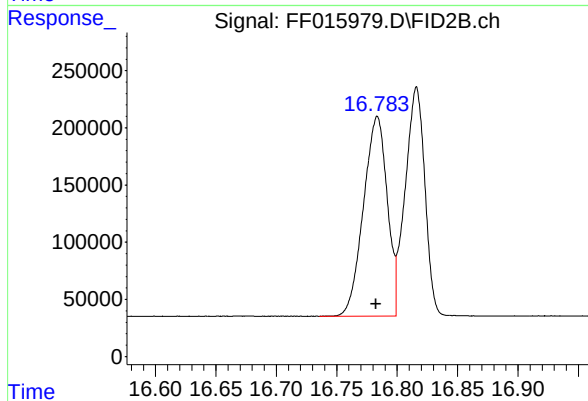
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 2416155
Conc: 19.16 ug/ml



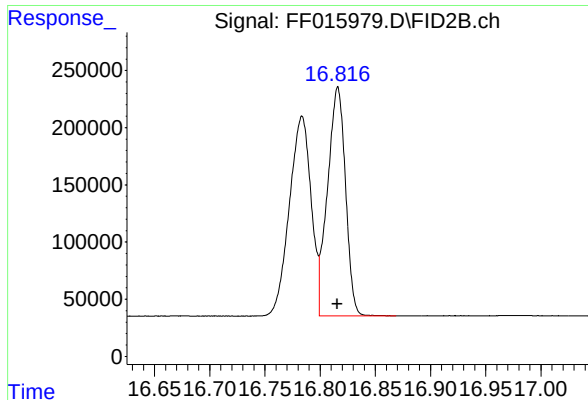
#15 Chrysene (C27.41)

R.T.: 15.269 min
Delta R.T.: 0.000 min
Response: 2446524
Conc: 19.17 ug/ml



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

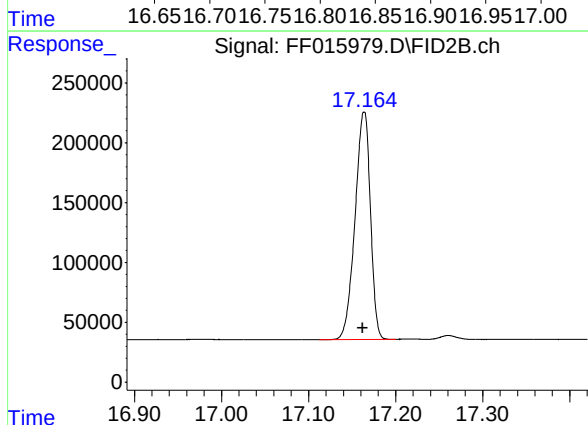
R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 2390064
Conc: 19.08 ug/ml



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

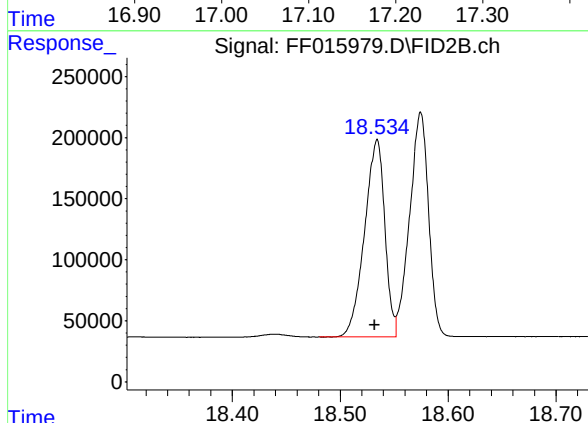
R.T.: 16.816 min
Delta R.T.: 0.000 min
Response: 2275327
Conc: 19.20 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



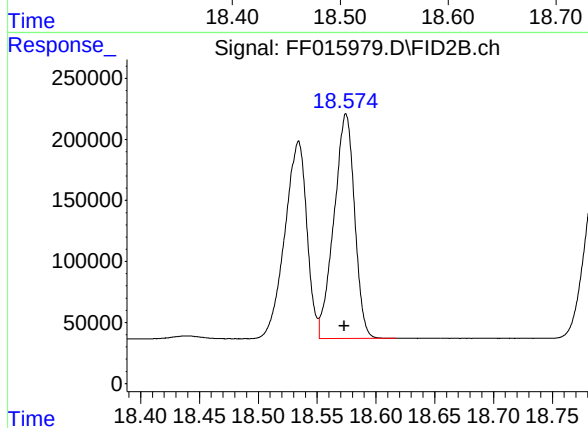
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.164 min
Delta R.T.: 0.002 min
Response: 2335545
Conc: 19.11 ug/ml



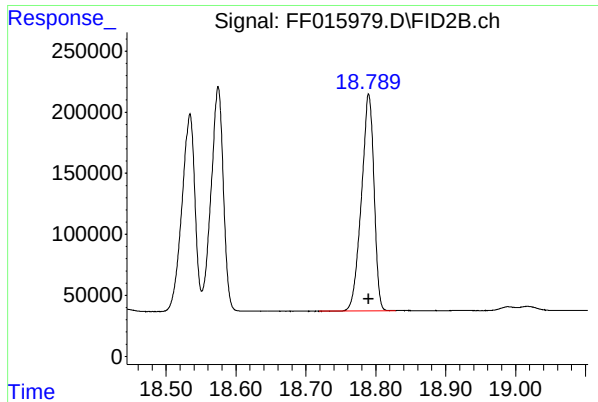
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.534 min
Delta R.T.: 0.002 min
Response: 2110207
Conc: 18.92 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.001 min
Response: 2243135
Conc: 19.27 ug/ml



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

R.T.: 18.790 min
Delta R.T.: 0.000 min
Response: 2220684
Conc: 19.08 ug/ml

Instrument :

FID_F

ClientSampleId :

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