

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AR\
 Data File : FF015359.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 12:39
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 30 02:46:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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	2942074	22.288 ug/ml
Spiked Amount 50.000		Recovery =	44.58%
6) S 2-Fluorobiphenyl (SURR)	8.864	1901081	22.522 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.04%
11) S ortho-Terphenyl (SURR)	11.927	3305291	19.201 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3408168	21.248 ug/ml
2) T Naphthalene (C11.7)	6.270	3418555	21.321 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	3298733	20.744 ug/ml
5) T Acenaphthylene (C15.06)	8.664	3265547	20.551 ug/ml
7) T Acenaphthene (C15.5)	8.963	3260921	19.998 ug/ml
8) T Fluorene (C16.55)	9.752	3187889	20.246 ug/ml
9) T Phenanthrene (C19.36)	11.156	3021412	18.923 ug/ml
10) T Anthracene (C19.43)	11.232	2565390	17.376 ug/ml
12) T Fluoranthene (C21.85)	12.978	3067400	18.542 ug/ml
13) T Pyrene (C20.8)	13.276	3027033	18.688 ug/ml
14) T Benzo[a]anthracene (C...	15.157	2691284	18.040 ug/ml
15) T Chrysene (C27.41)	15.200	2819790	18.154 ug/ml
16) T benzo[b]fluoranthene ...	16.716	2815696	19.027 ug/ml
17) T Bnezo[k]fluoranthene ...	16.748	2824178	19.975 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.096	2677221	18.843 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.470	2615186	20.754 ug/ml
20) T Dibenz[a,h]anthracene...	18.509	3056873	20.661 ug/ml
21) T Benzo[g,h,i]perylene ...	18.725	2940719	21.784 ug/ml

(f)=RT Delta > 1/2 Window

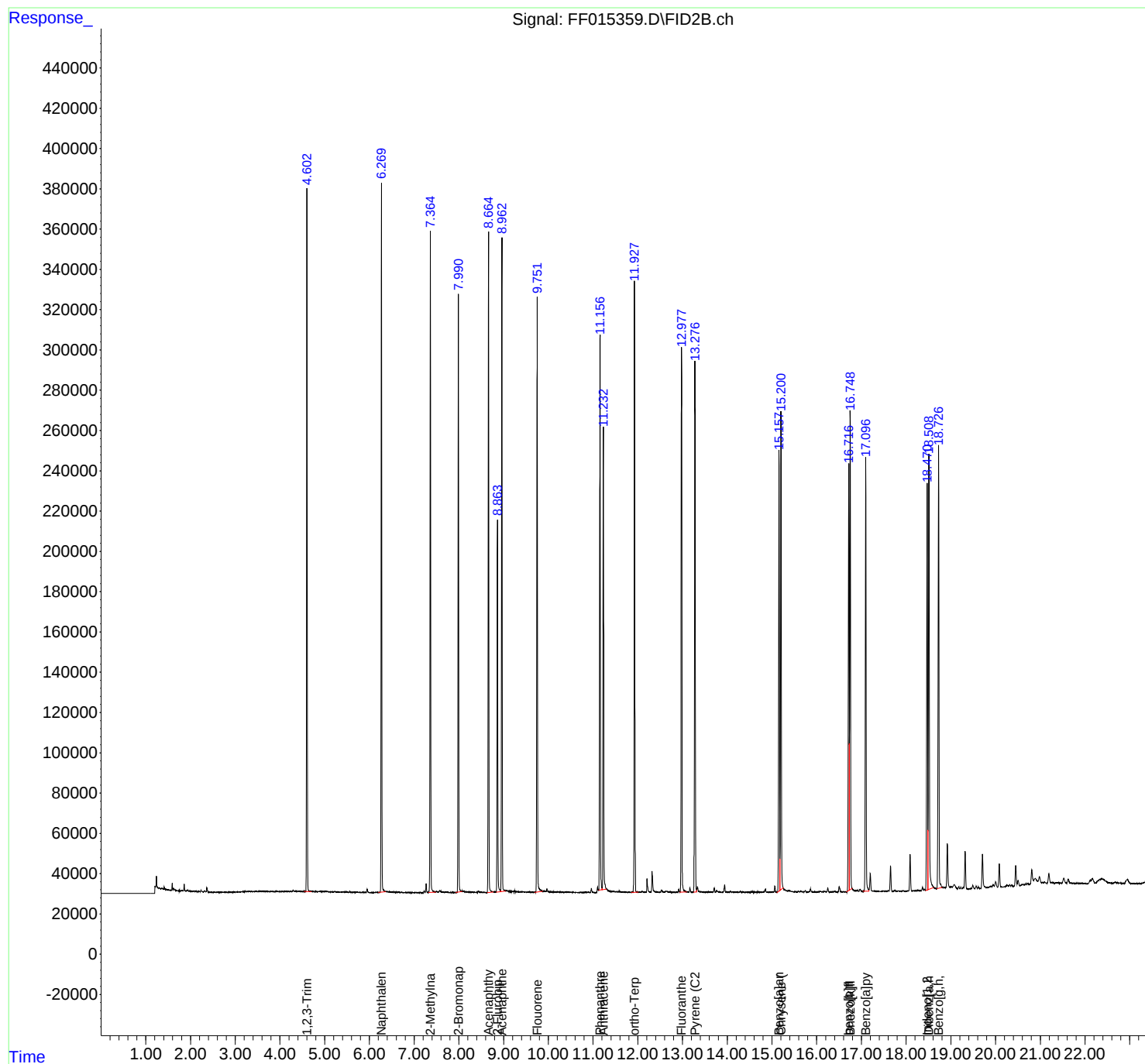
(m)=manual int.

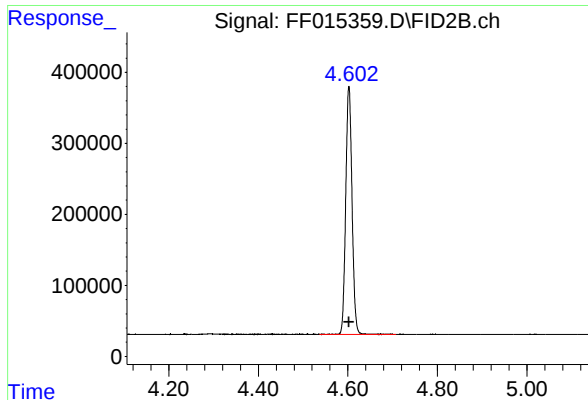
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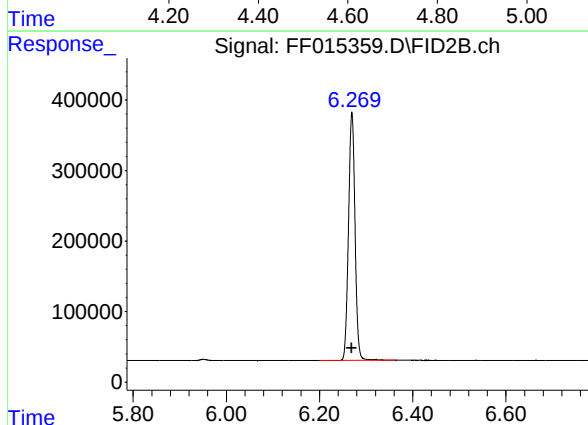




#1 1,2,3-Trimethylbenzene (C10.1)

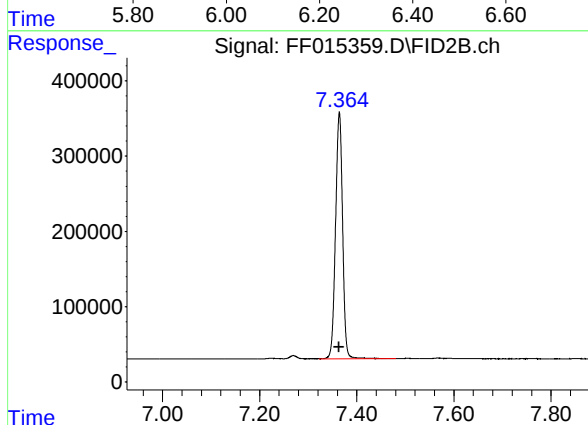
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 3408168
Conc: 21.25 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



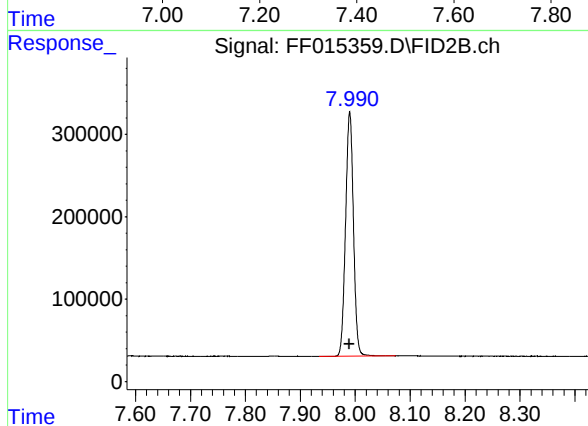
#2 Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 3418555
Conc: 21.32 ug/ml



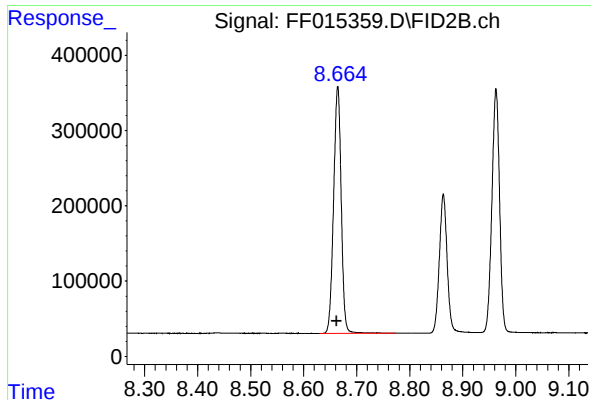
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 3298733
Conc: 20.74 ug/ml



#4 2-Bromonaphthalene (SURR)

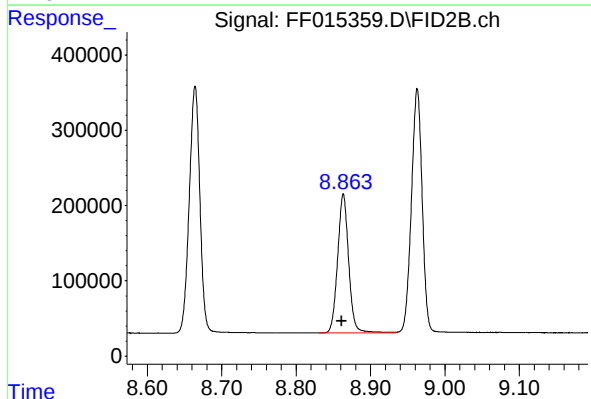
R.T.: 7.990 min
Delta R.T.: 0.001 min
Response: 2942074
Conc: 22.29 ug/ml



#5 Acenaphthylene (C15.06)

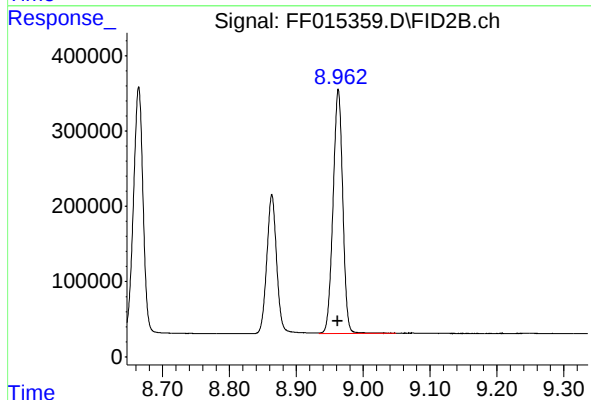
R.T.: 8.664 min
Delta R.T.: 0.002 min
Response: 3265547
Conc: 20.55 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



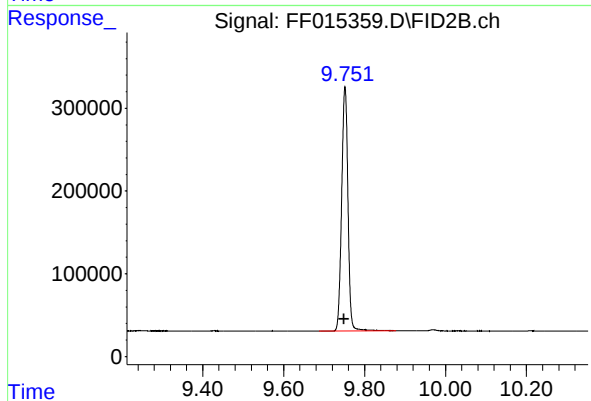
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: 0.002 min
Response: 1901081
Conc: 22.52 ug/ml



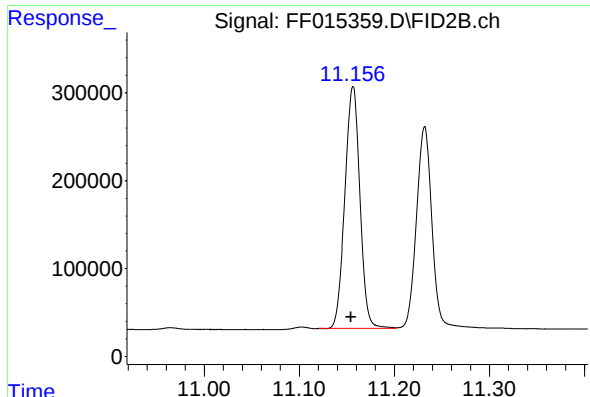
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.001 min
Response: 3260921
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

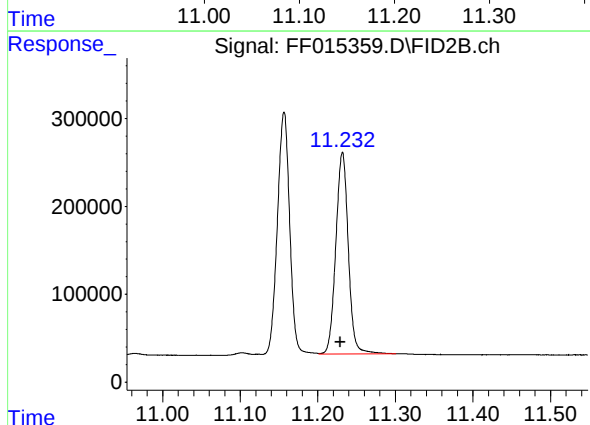
R.T.: 9.752 min
Delta R.T.: 0.002 min
Response: 3187889
Conc: 20.25 ug/ml



#9 Phenanthrene (C19.36)

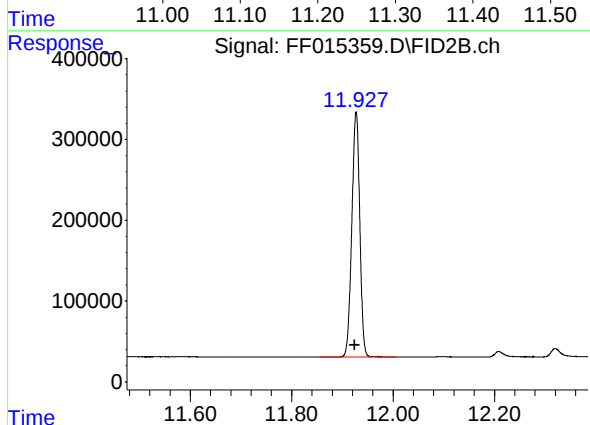
R.T.: 11.156 min
Delta R.T.: 0.002 min
Response: 3021412
Conc: 18.92 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



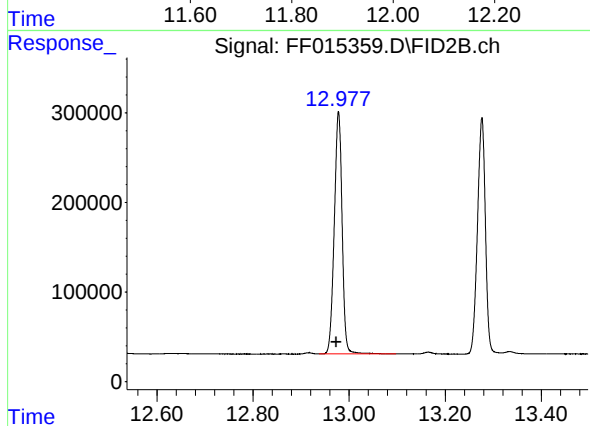
#10 Anthracene (C19.43)

R.T.: 11.232 min
Delta R.T.: 0.003 min
Response: 2565390
Conc: 17.38 ug/ml



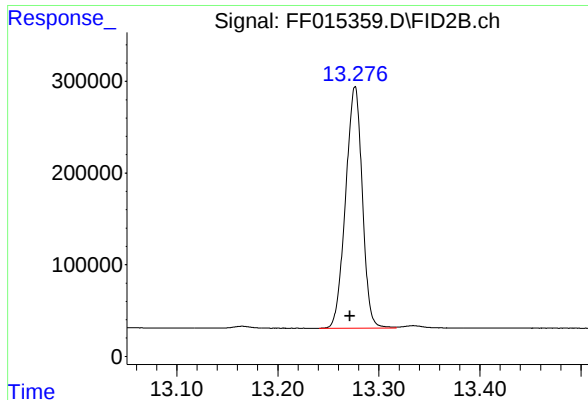
#11 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: 0.003 min
Response: 3305291
Conc: 19.20 ug/ml



#12 Fluoranthene (C21.85)

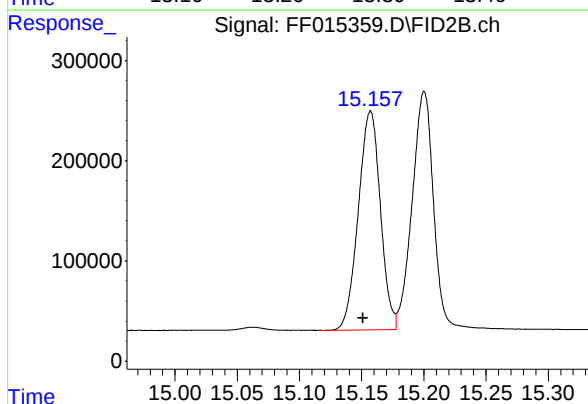
R.T.: 12.978 min
Delta R.T.: 0.005 min
Response: 3067400
Conc: 18.54 ug/ml



#13 Pyrene (C20.8)

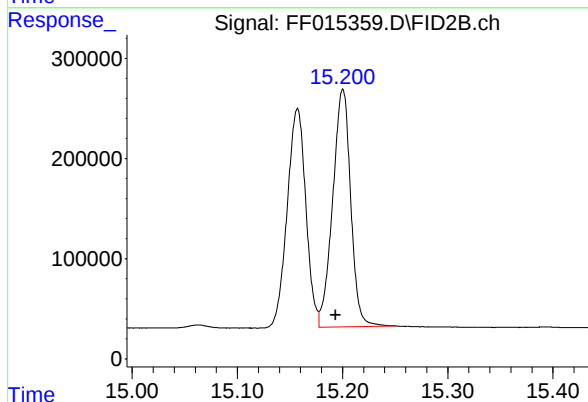
R.T.: 13.276 min
Delta R.T.: 0.005 min
Response: 3027033
Conc: 18.69 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



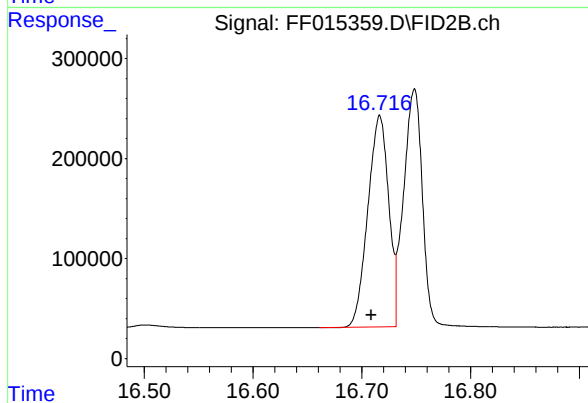
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: 0.006 min
Response: 2691284
Conc: 18.04 ug/ml



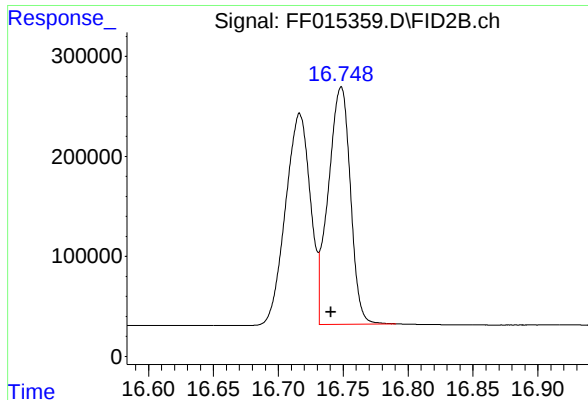
#15 Chrysene (C27.41)

R.T.: 15.200 min
Delta R.T.: 0.007 min
Response: 2819790
Conc: 18.15 ug/ml



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

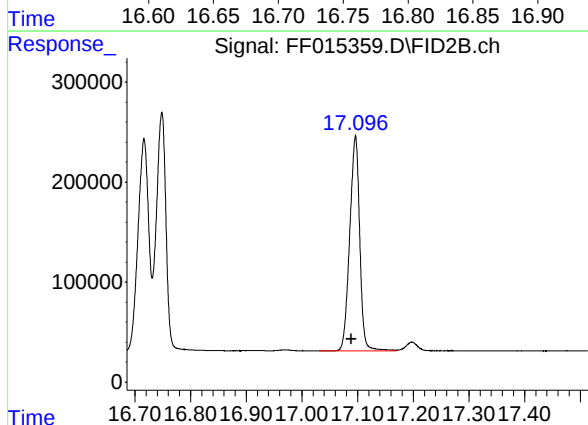
R.T.: 16.716 min
Delta R.T.: 0.008 min
Response: 2815696
Conc: 19.03 ug/ml



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

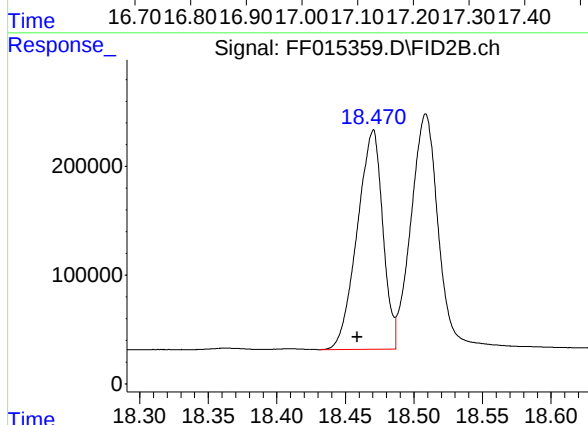
R.T.: 16.748 min
Delta R.T.: 0.008 min
Response: 2824178
Conc: 19.97 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



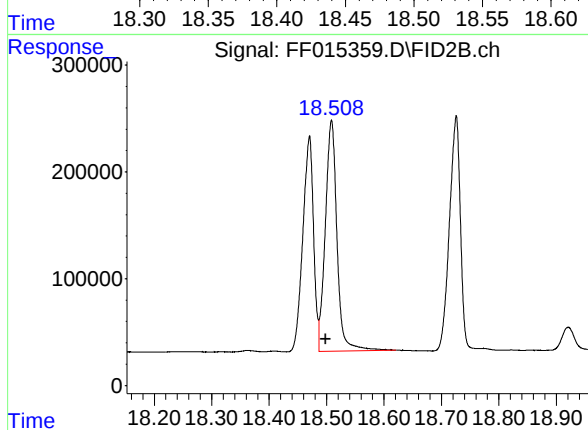
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.096 min
Delta R.T.: 0.007 min
Response: 2677221
Conc: 18.84 ug/ml



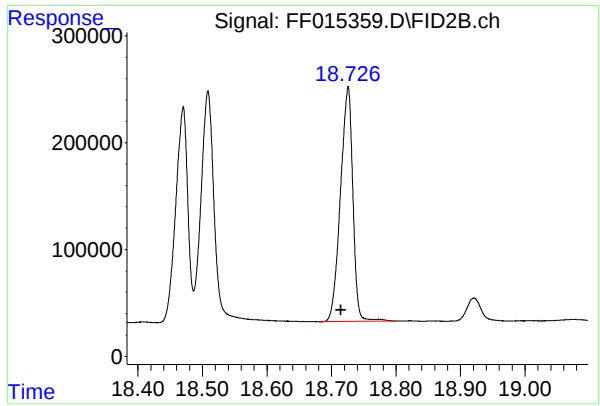
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.470 min
Delta R.T.: 0.011 min
Response: 2615186
Conc: 20.75 ug/ml



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

R.T.: 18.509 min
Delta R.T.: 0.010 min
Response: 3056873
Conc: 20.66 ug/ml



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

R.T.: 18.725 min
Delta R.T.: 0.011 min
Response: 2940719
Conc: 21.78 ug/ml

Instrument :

FID_F

ClientSampleId :

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