

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110724AR\
 Data File : FF014964.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2024 18:46
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Nov 08 08:45:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:43:02 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...	7.997	2766167	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.872	1852016	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.933	3054141	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.614	3167074	20.000 ug/ml
2) T Naphthalene (C11.7)	6.279	3254087	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	3267320	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.673	3155839	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.972	3150804	20.000 ug/ml
8) T Fluorene (C16.55)	9.761	3075611	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.167	3007153	20.000 ug/ml
10) T Anthracene (C19.43)	11.242	2845179	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.987	2892760	20.000 ug/ml
13) T Pyrene (C20.8)	13.287	2856862	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.165	2753408	20.000 ug/ml
15) T Chrysene (C27.41)	15.209	2791744	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.724	2837191	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.756	2654525	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.105	2806782	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.476	2822651	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.514	3073773	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.734	3065149	20.000 ug/ml

(f)=RT Delta > 1/2 Window

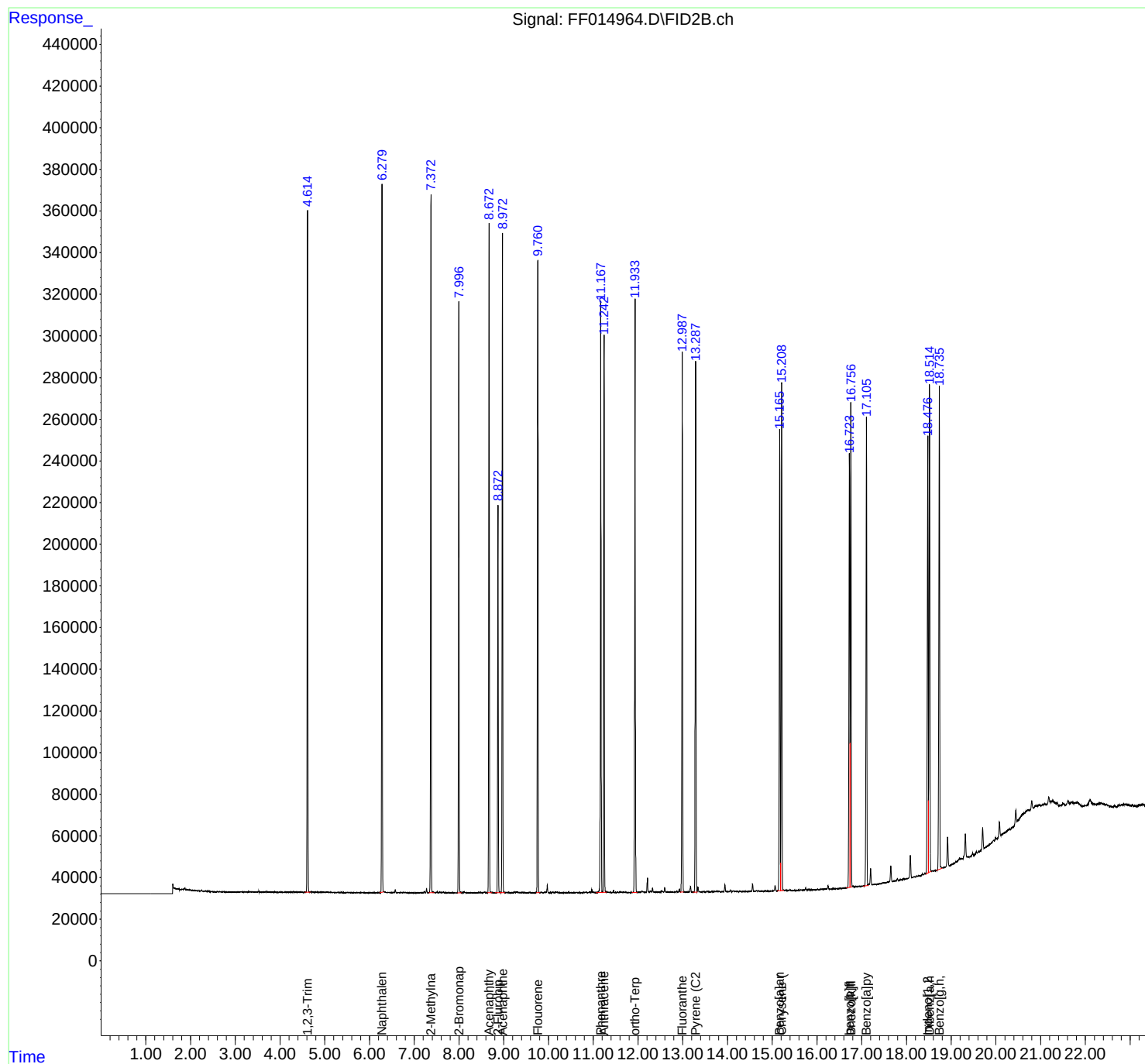
(m)=manual int.

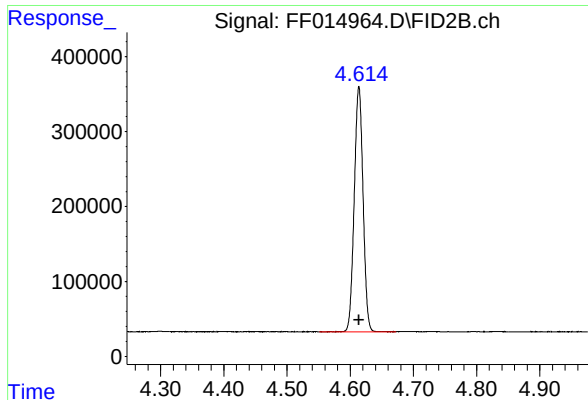
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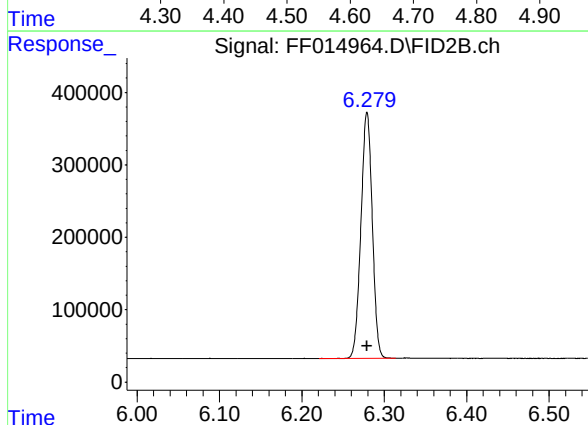




#1 1,2,3-Trimethylbenzene (C10.1)

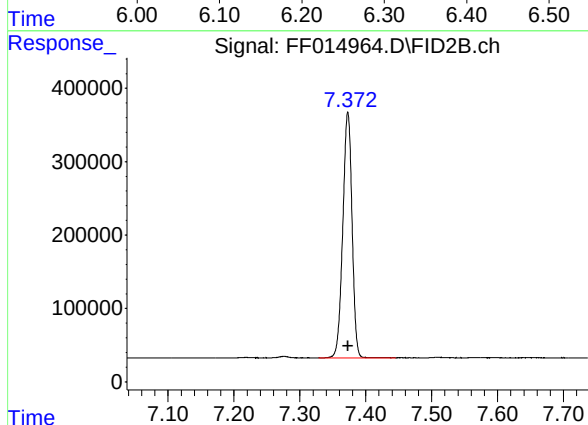
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 3167074
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



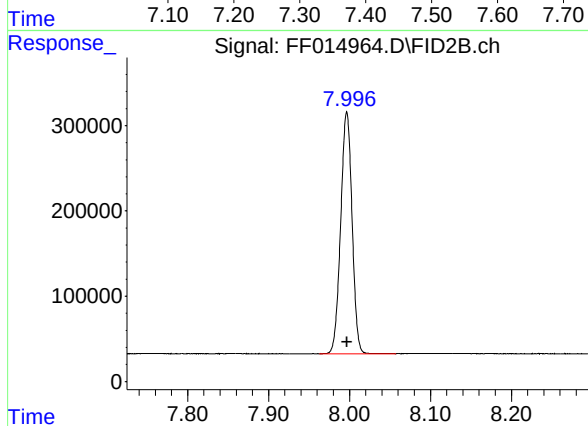
#2 Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 3254087
Conc: 20.00 ug/ml



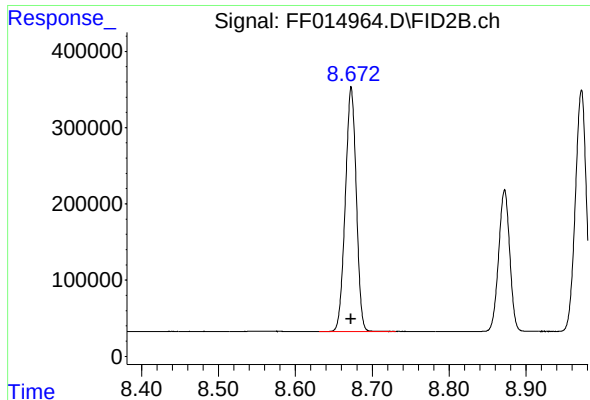
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 3267320
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

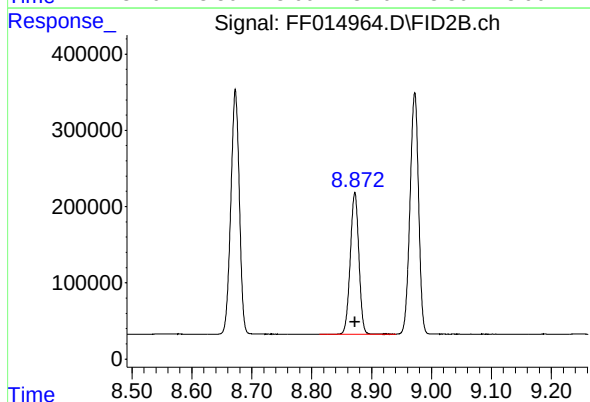
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 2766167
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

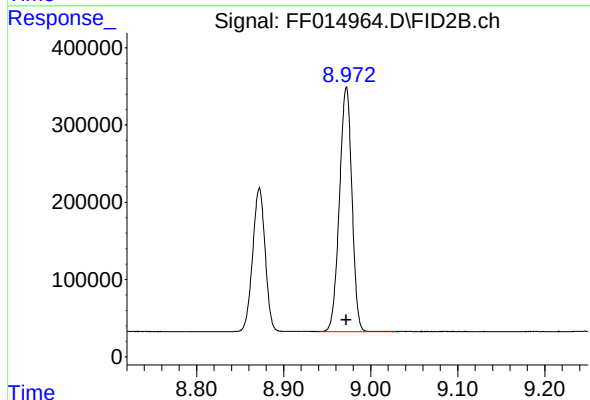
R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 3155839
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



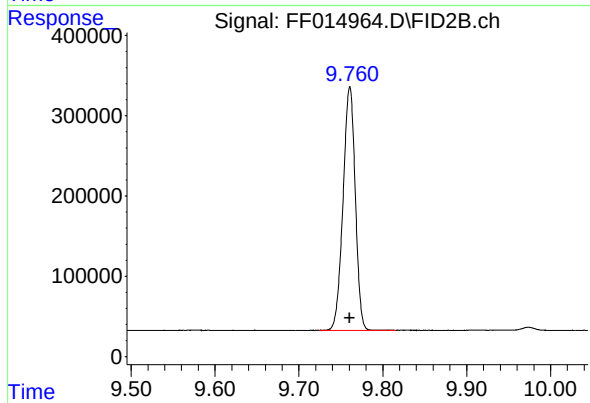
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1852016
Conc: 20.00 ug/ml



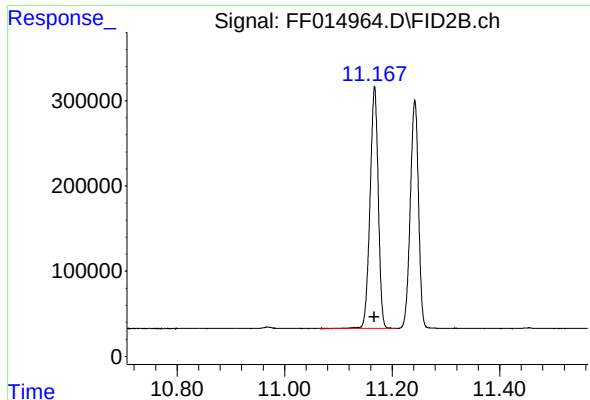
#7 Acenaphthene (C15.5)

R.T.: 8.972 min
Delta R.T.: 0.000 min
Response: 3150804
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

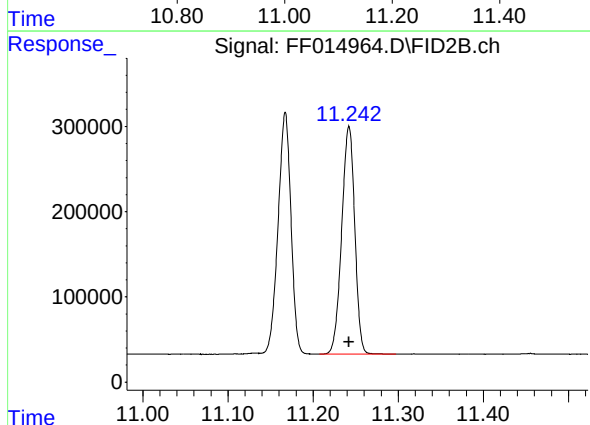
R.T.: 9.761 min
Delta R.T.: 0.000 min
Response: 3075611
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

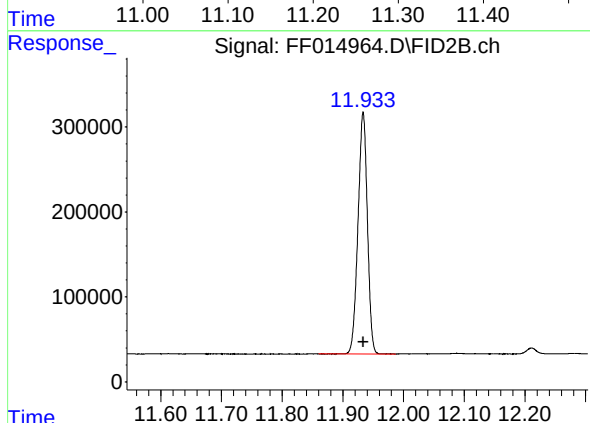
R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 3007153
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



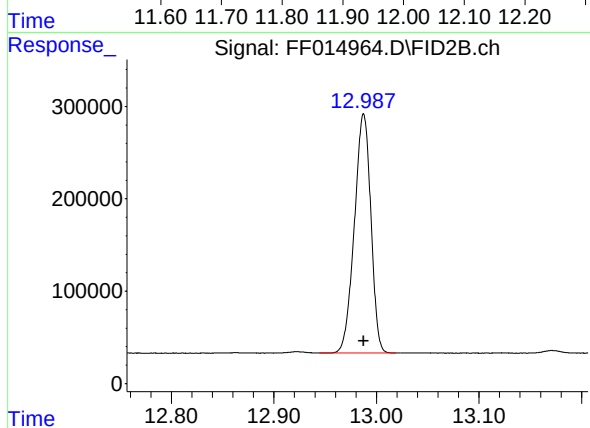
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2845179
Conc: 20.00 ug/ml



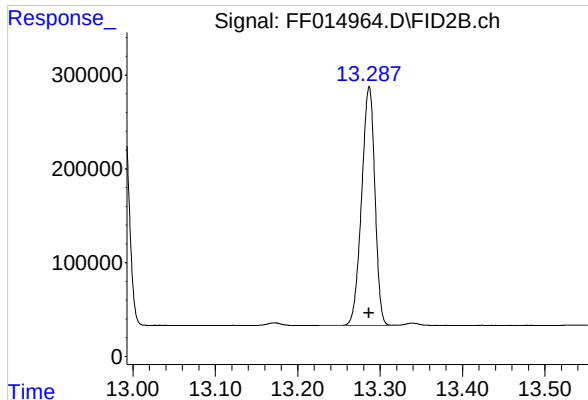
#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 3054141
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

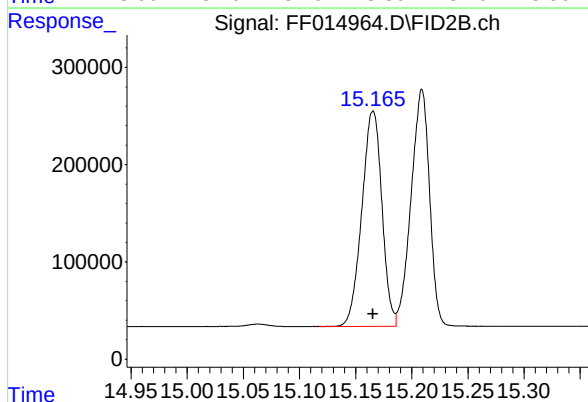
R.T.: 12.987 min
Delta R.T.: 0.000 min
Response: 2892760
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

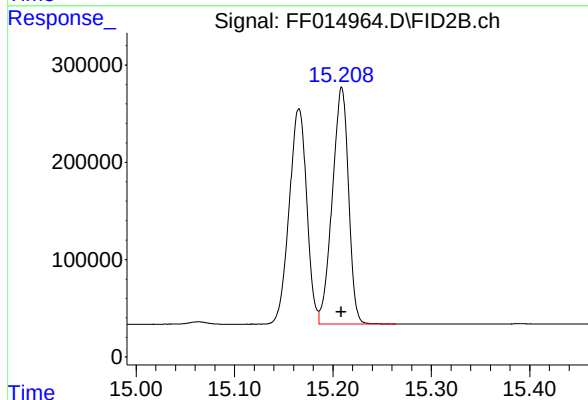
R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 2856862
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



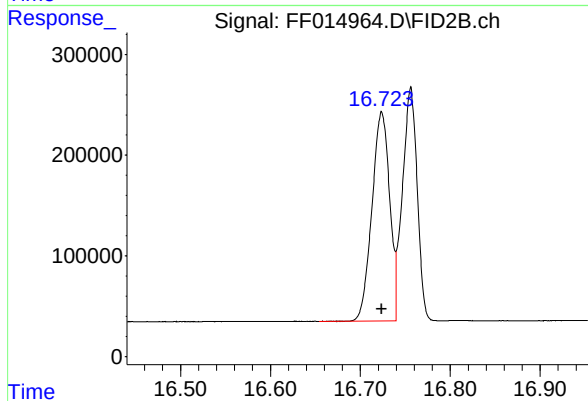
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.165 min
Delta R.T.: 0.000 min
Response: 2753408
Conc: 20.00 ug/ml



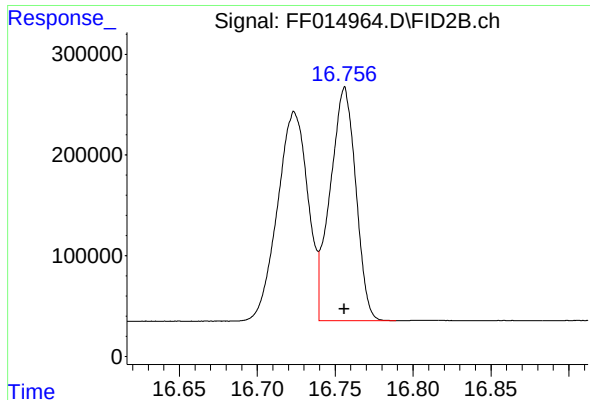
#15 Chrysene (C27.41)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 2791744
Conc: 20.00 ug/ml



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

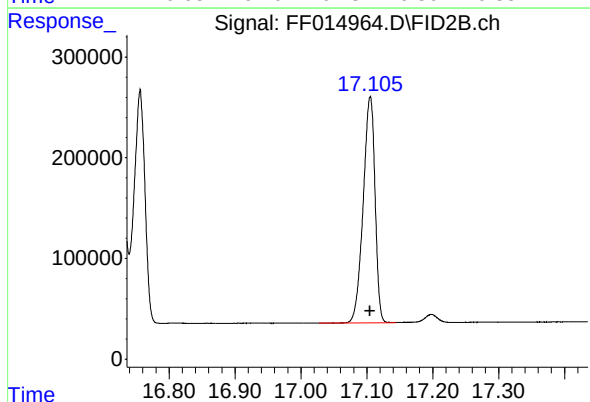
R.T.: 16.724 min
Delta R.T.: 0.000 min
Response: 2837191
Conc: 20.00 ug/ml



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

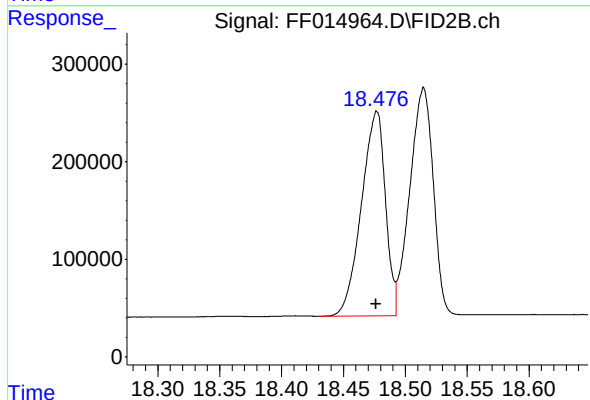
R.T.: 16.756 min
Delta R.T.: 0.000 min
Response: 2654525
Conc: 20.00 ug/ml

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FID_F
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20 PPM AROMATIC HC STD3



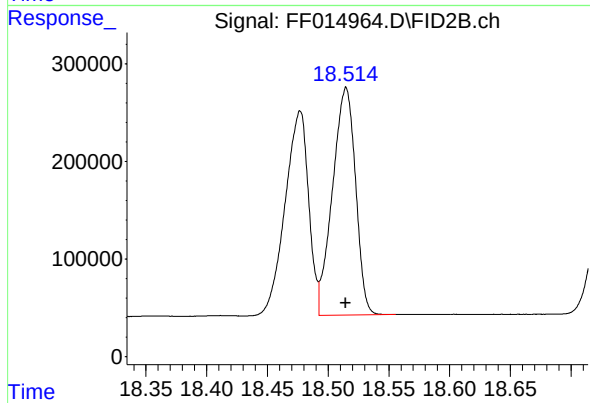
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.105 min
Delta R.T.: 0.000 min
Response: 2806782
Conc: 20.00 ug/ml



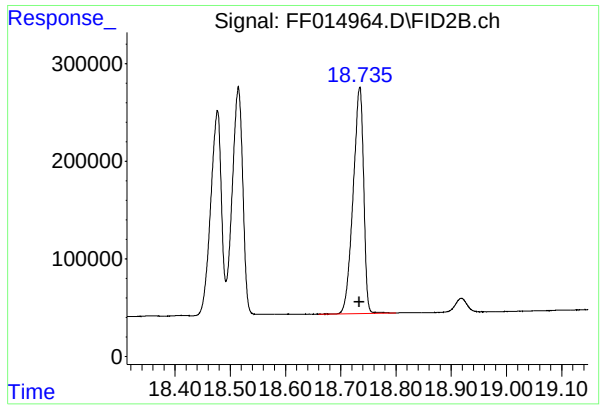
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 2822651
Conc: 20.00 ug/ml



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

R.T.: 18.514 min
Delta R.T.: 0.000 min
Response: 3073773
Conc: 20.00 ug/ml



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

R.T.: 18.734 min
Delta R.T.: 0.000 min
Response: 3065149
Conc: 20.00 ug/ml

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