

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052224AR\
 Data File : FF014263.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 10:26
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 22 11:49:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 052224.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 11:48:17 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...	7.901	2098733	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.773	1192070	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.834	2669834	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.515	2549355	20.000 ug/ml
2) T Naphthalene (C11.7)	6.180	2496341	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.274	2242603	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.572	2469163	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.871	2607211	20.000 ug/ml
8) T Flouorene (C16.55)	9.659	1940695	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.063	1998584	20.000 ug/ml
10) T Anthracene (C19.43)	11.138	1849066	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.881	2285996	20.000 ug/ml
13) T Pyrene (C20.8)	13.179	2316814	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.058	1063526	20.000 ug/ml
15) T Chrysene (C27.41)	15.099	1792071	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.615	2005854	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.647	2050086	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.995	1812082	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.368	1292595	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.410	1273432	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.620	2396876	20.000 ug/ml

(f)=RT Delta > 1/2 Window

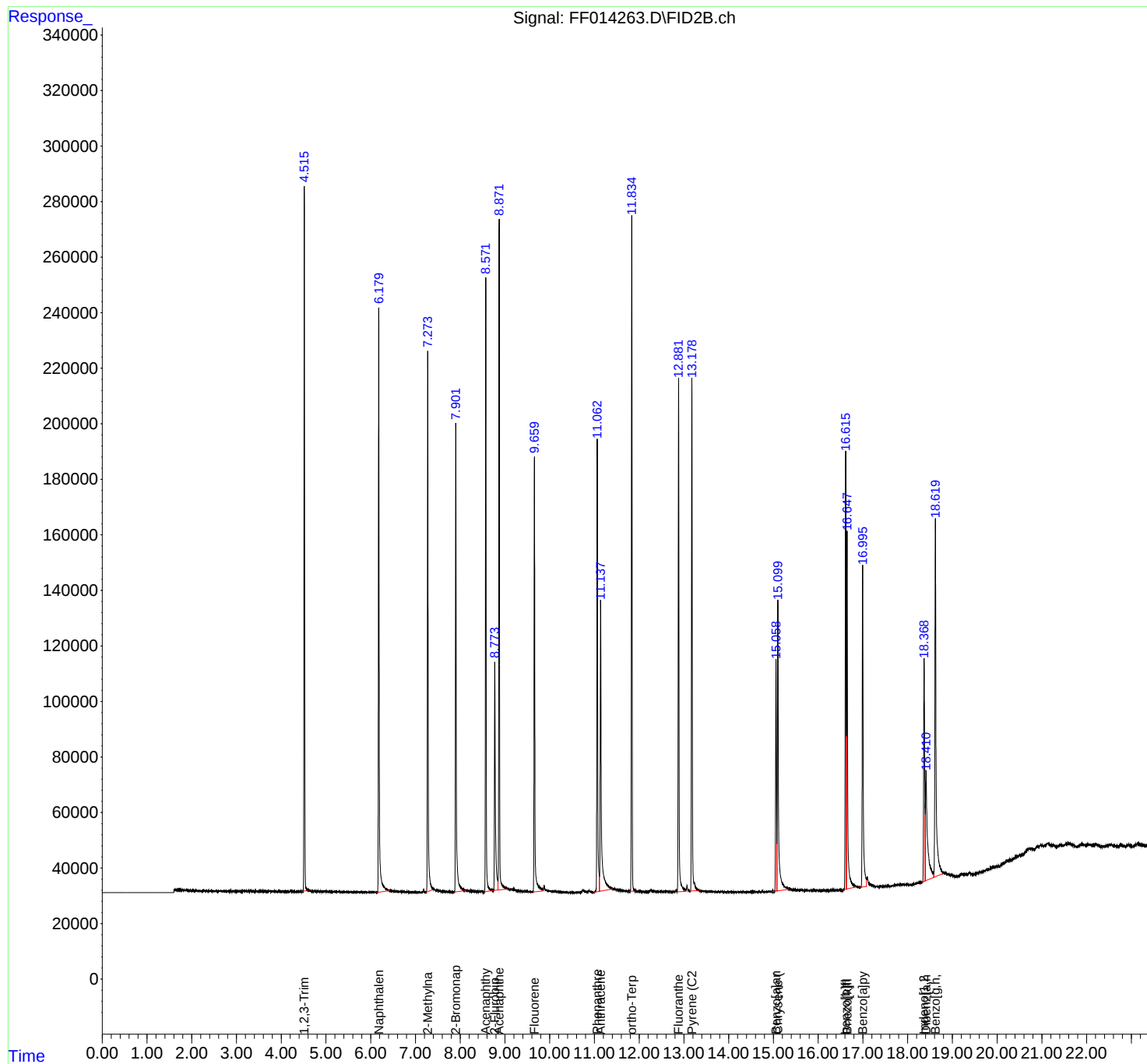
(m)=manual int.

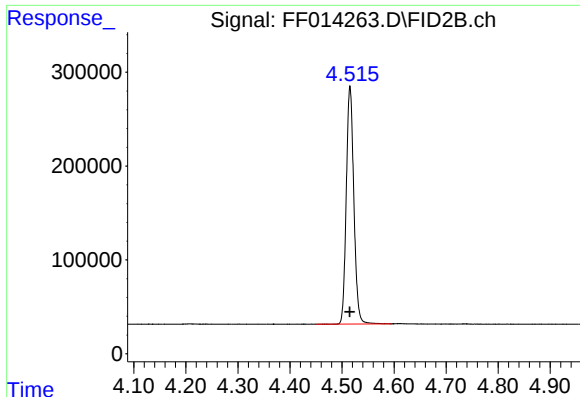
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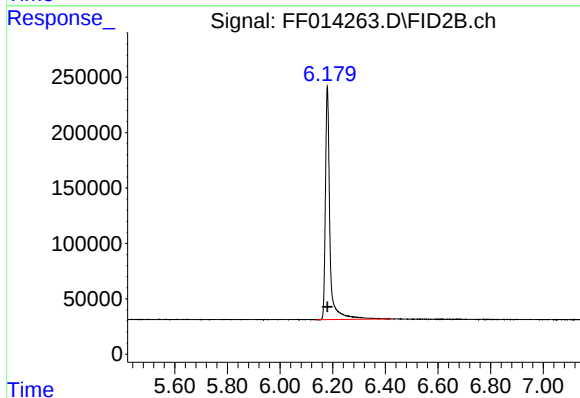




#1 1,2,3-Trimethylbenzene (C10.1)

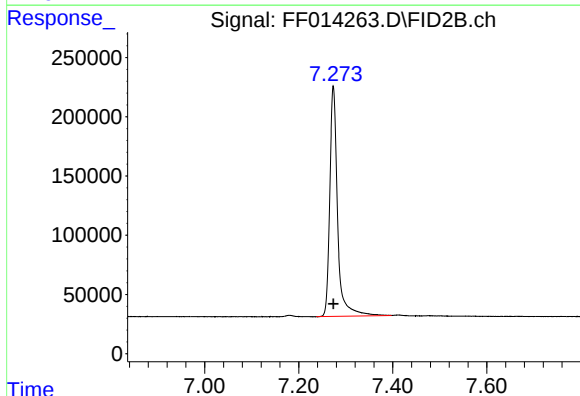
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 2549355
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



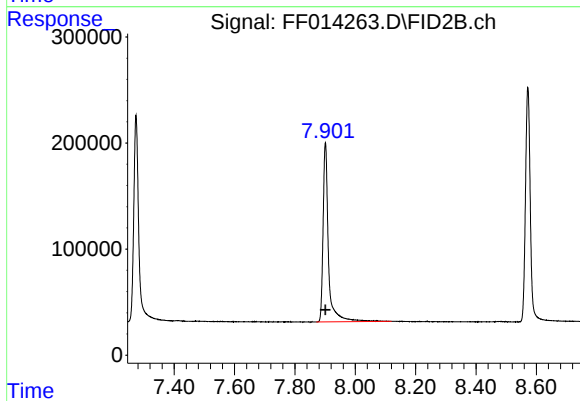
#2 Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 2496341
Conc: 20.00 ug/ml



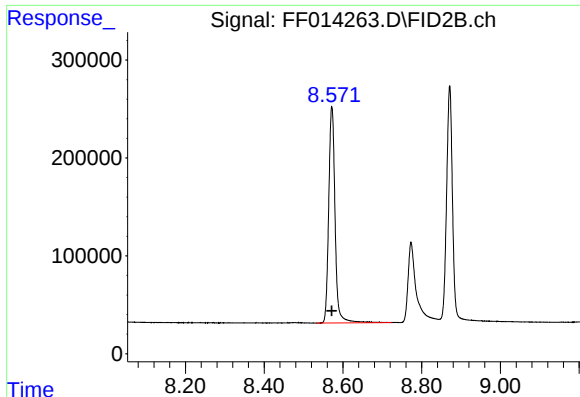
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 2242603
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

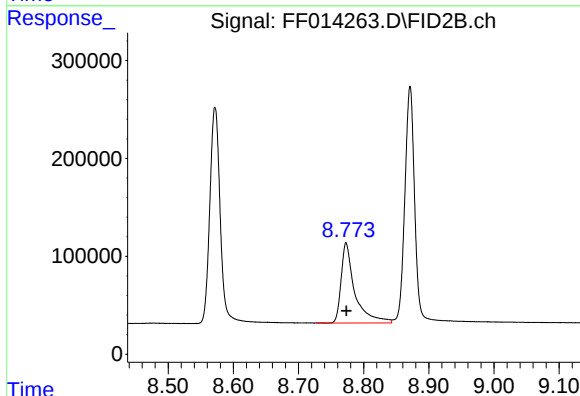
R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 2098733
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

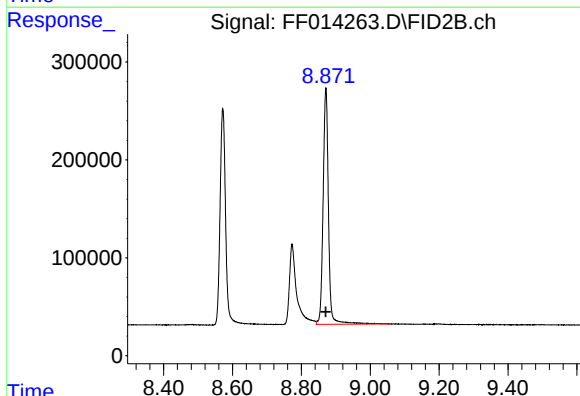
R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 2469163
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



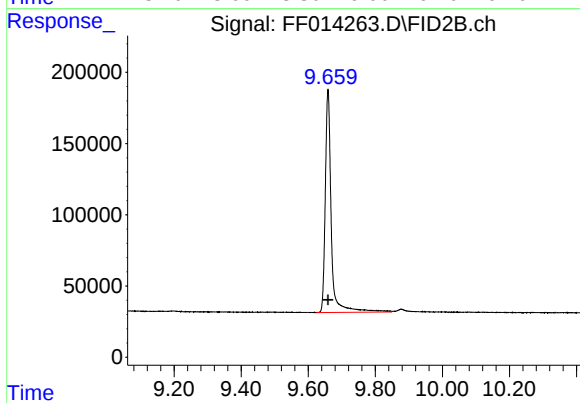
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 1192070
Conc: 20.00 ug/ml



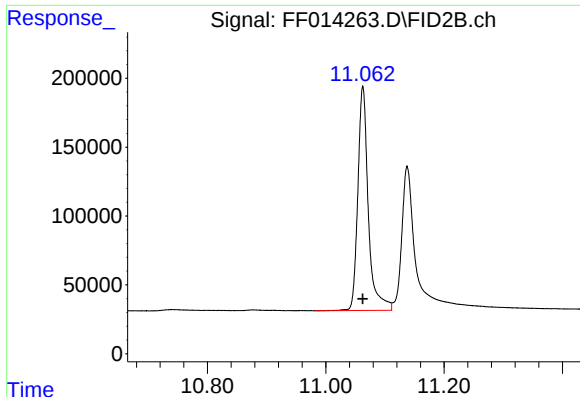
#7 Acenaphthene (C15.5)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 2607211
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

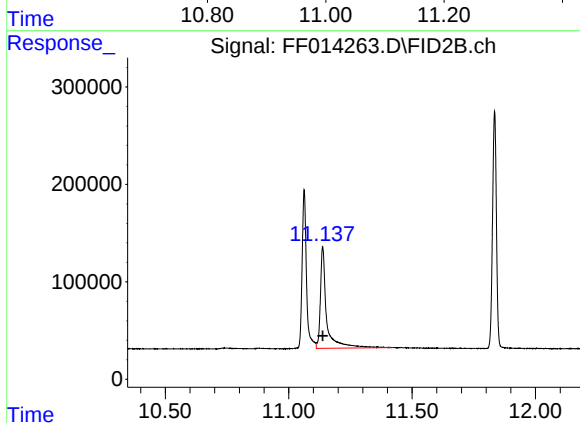
R.T.: 9.659 min
Delta R.T.: 0.000 min
Response: 1940695
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

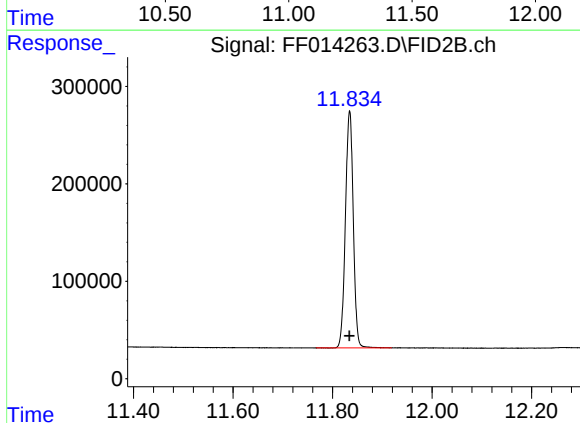
R.T.: 11.063 min
Delta R.T.: 0.000 min
Response: 1998584
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



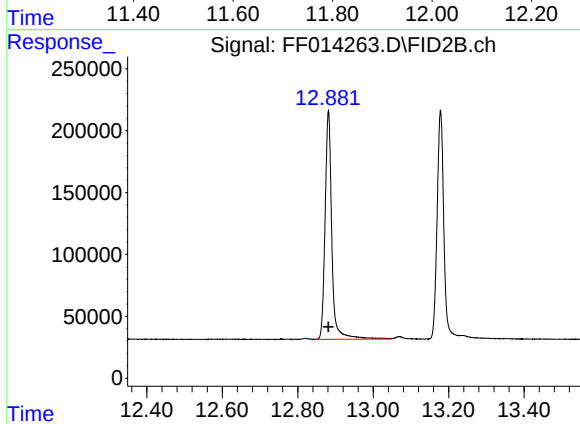
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 1849066
Conc: 20.00 ug/ml



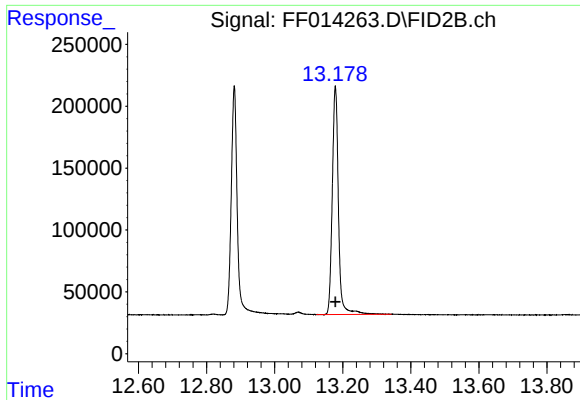
#11 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: 0.000 min
Response: 2669834
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

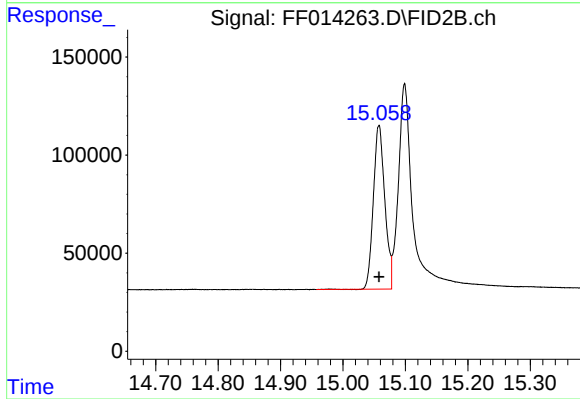
R.T.: 12.881 min
Delta R.T.: 0.000 min
Response: 2285996
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

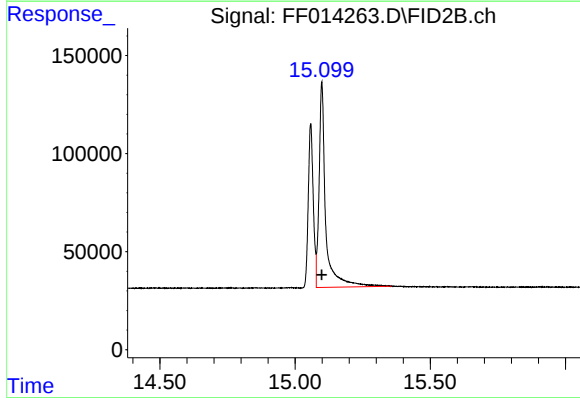
R.T.: 13.179 min
Delta R.T.: 0.000 min
Response: 2316814
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



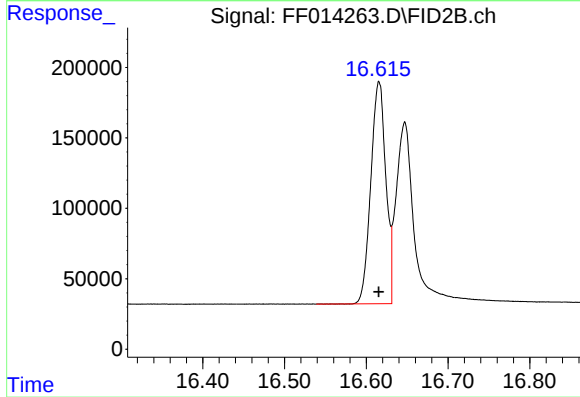
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.058 min
Delta R.T.: 0.000 min
Response: 1063526
Conc: 20.00 ug/ml



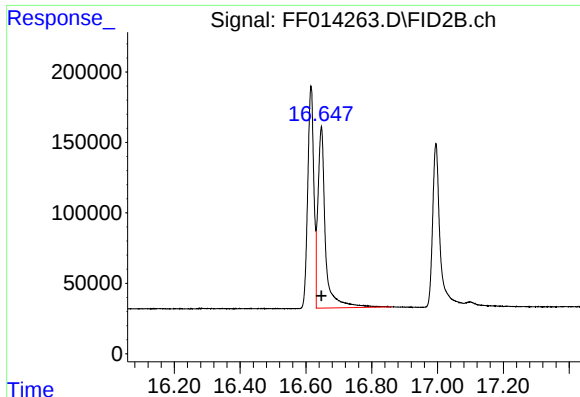
#15 Chrysene (C27.41)

R.T.: 15.099 min
Delta R.T.: 0.000 min
Response: 1792071
Conc: 20.00 ug/ml



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

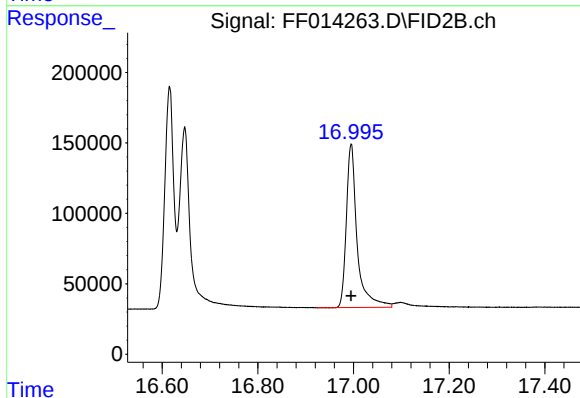
R.T.: 16.615 min
Delta R.T.: 0.000 min
Response: 2005854
Conc: 20.00 ug/ml



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

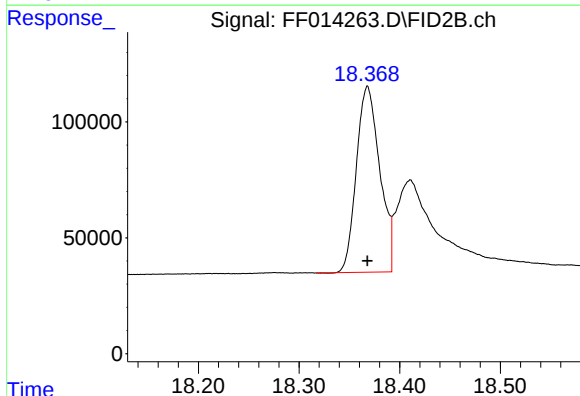
R.T.: 16.647 min
Delta R.T.: 0.000 min
Response: 2050086
Conc: 20.00 ug/ml

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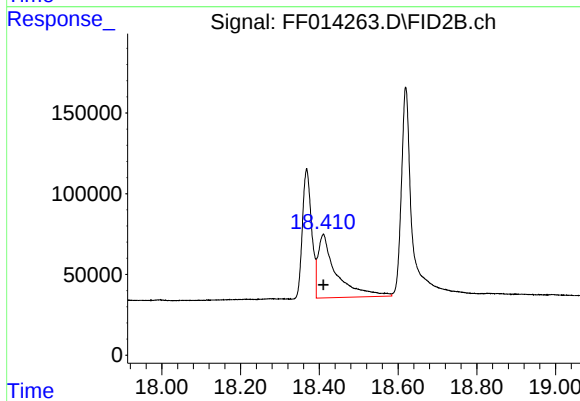
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.995 min
Delta R.T.: 0.000 min
Response: 1812082
Conc: 20.00 ug/ml



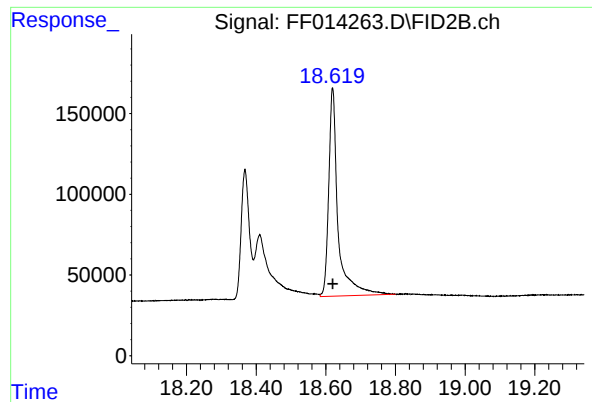
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.368 min
Delta R.T.: 0.000 min
Response: 1292595
Conc: 20.00 ug/ml



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

R.T.: 18.410 min
Delta R.T.: 0.000 min
Response: 1273432
Conc: 20.00 ug/ml



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

R.T.: 18.620 min
Delta R.T.: 0.000 min
Response: 2396876
Conc: 20.00 ug/ml

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