

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AR\
 Data File : FD036203.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2021 3:14
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 16 06:05:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 06:03:19 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.609	2430465	19.945 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
6) S 2-Fluorobiphenyl (SURR)	8.469	1710037	20.107 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.21%
11) S ortho-Terphenyl (SURR)	11.511	2930902	20.126 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	2615707	19.741 ug/ml
2) T Naphthalene (C11.7)	5.946	2825646	19.801 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	2828856	19.880 ug/ml
5) T Acenaphthylene (C15.06)	8.273	2775867	20.069 ug/ml
7) T Acenaphthene (C15.5)	8.569	2864934	19.990 ug/ml
8) T Fluorene (C16.55)	9.348	2816111	20.109 ug/ml
9) T Phenanthrene (C19.36)	10.743	2880834	20.294 ug/ml
10) T Anthracene (C19.43)	10.817	2798241	20.208 ug/ml
12) T Fluoranthene (C21.85)	12.553	2942263	20.302 ug/ml
13) T Pyrene (C20.8)	12.850	2921666	20.308 ug/ml
14) T Benzo[a]anthracene (C...	14.718	2768010	20.520 ug/ml
15) T Chrysene (C27.41)	14.761	2844035	20.535 ug/ml
16) T benzo[b]fluoranthene ...	16.265	2787028	20.634 ug/ml
17) T Bnezo[k]fluoranthene ...	16.298	2697581	20.667 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.642	2559662	20.684 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	2575326	20.601 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	2582793	20.685 ug/ml
21) T Benzo[g,h,i]perylene ...	18.259	2583043	20.741 ug/ml

(f)=RT Delta > 1/2 Window

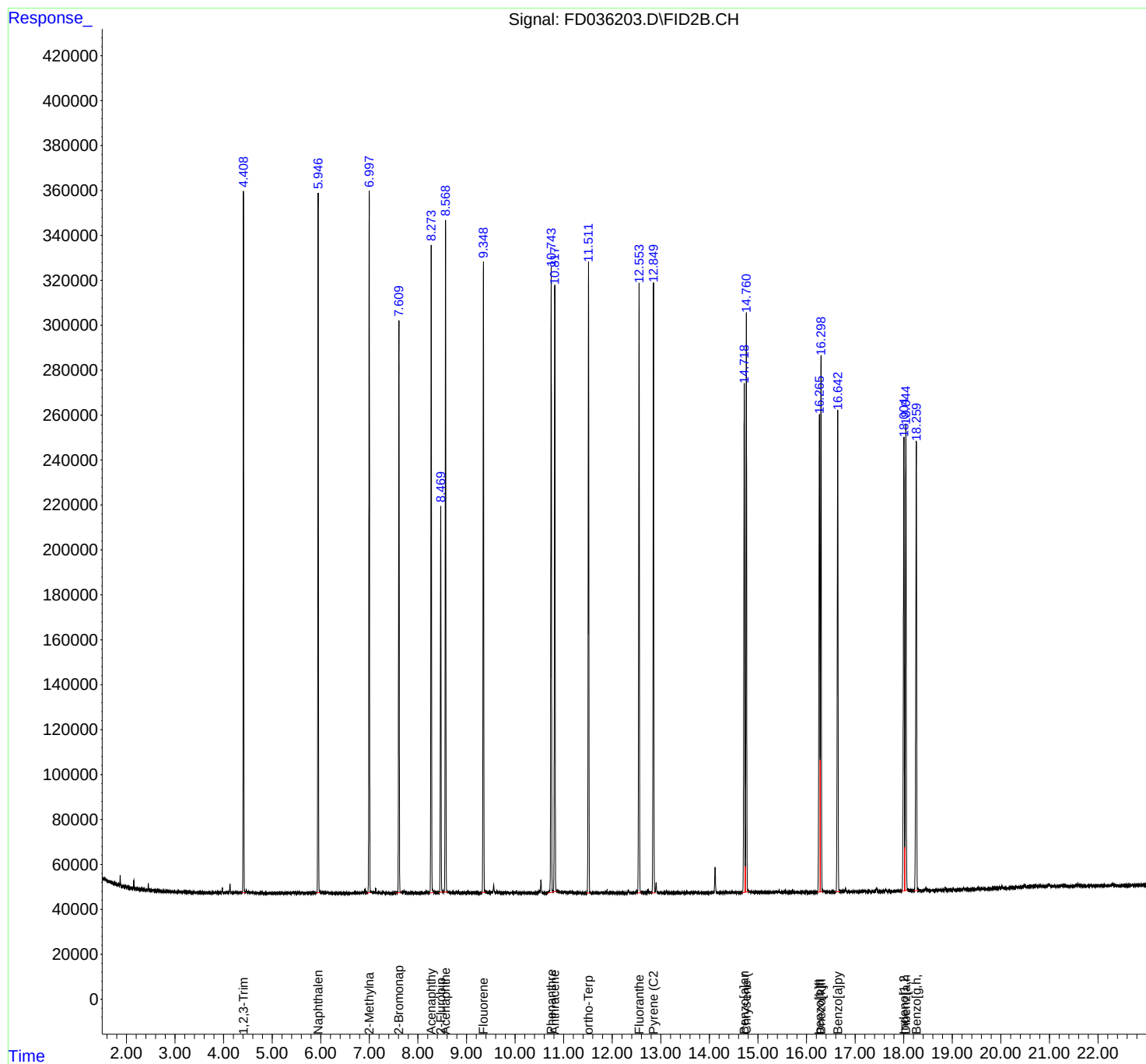
(m)=manual int.

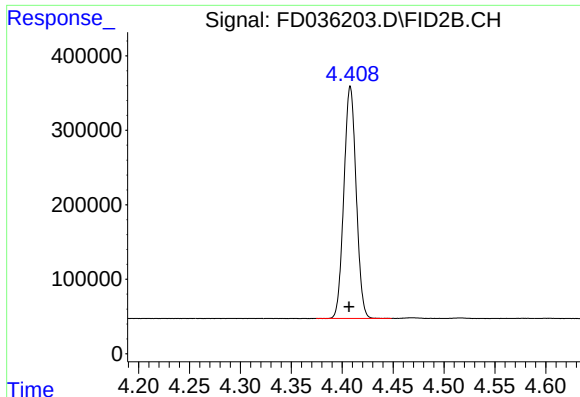
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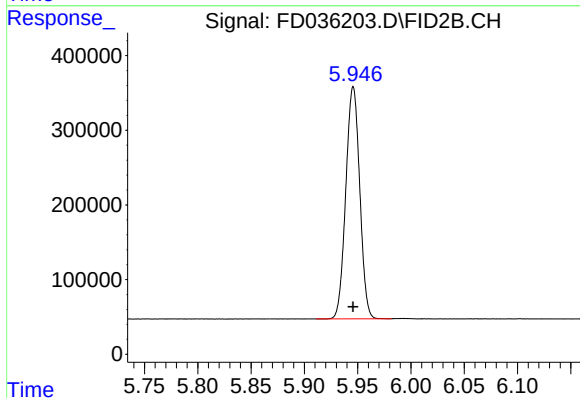




#1 1,2,3-Trimethylbenzene (C10.1)

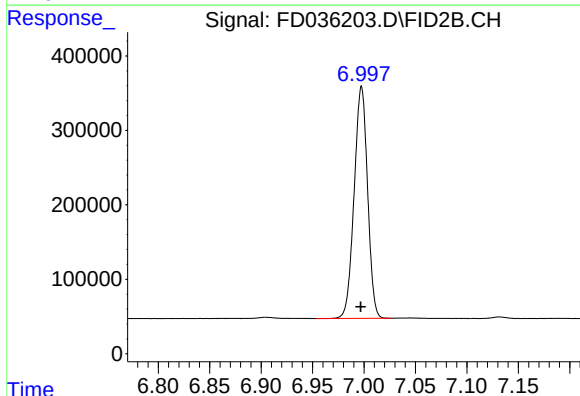
R.T.: 4.408 min
Delta R.T.: 0.001 min
Response: 2615707
Conc: 19.74 ug/ml

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20 PPM AROMATIC HC STD ICV



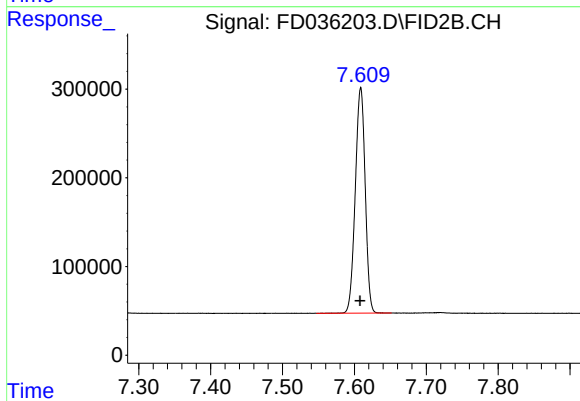
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2825646
Conc: 19.80 ug/ml



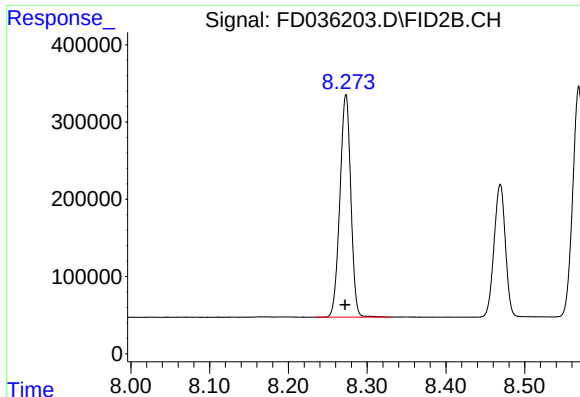
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 2828856
Conc: 19.88 ug/ml



#4 2-Bromonaphthalene (SURR)

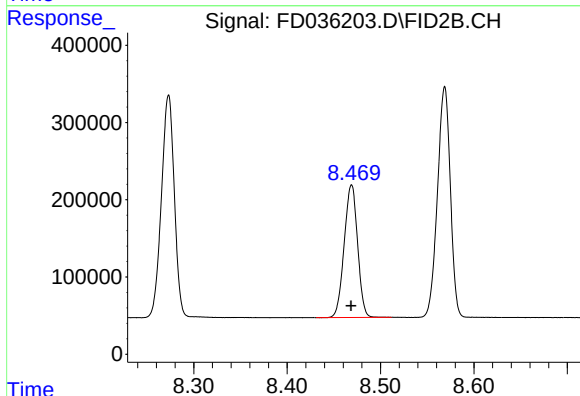
R.T.: 7.609 min
Delta R.T.: 0.001 min
Response: 2430465
Conc: 19.94 ug/ml



#5 Acenaphthylene (C15.06)

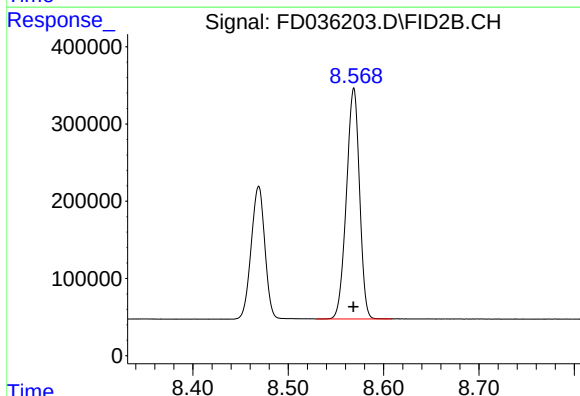
R.T.: 8.273 min
Delta R.T.: 0.001 min
Response: 2775867
Conc: 20.07 ug/ml

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20 PPM AROMATIC HC STD ICV



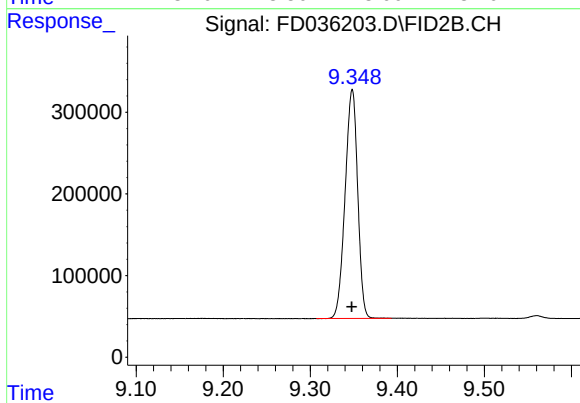
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 1710037
Conc: 20.11 ug/ml



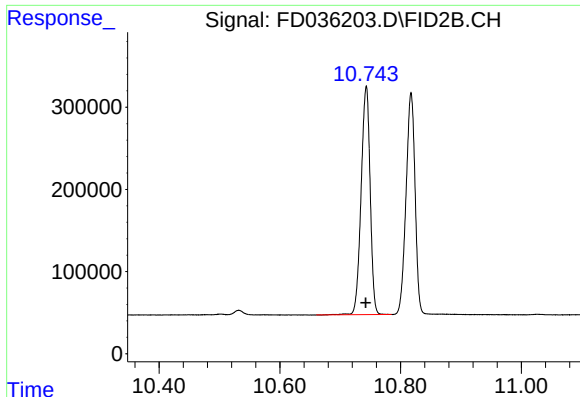
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 2864934
Conc: 19.99 ug/ml



#8 Fluorene (C16.55)

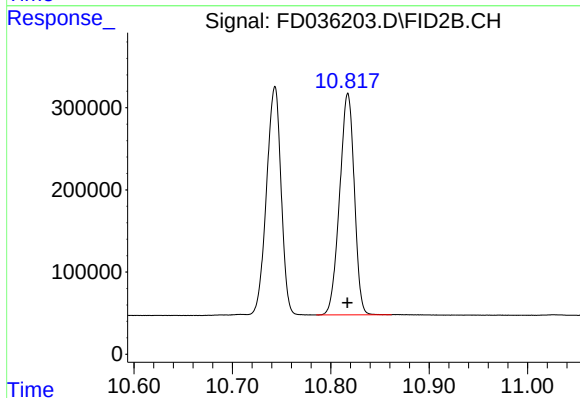
R.T.: 9.348 min
Delta R.T.: 0.000 min
Response: 2816111
Conc: 20.11 ug/ml



#9 Phenanthrene (C19.36)

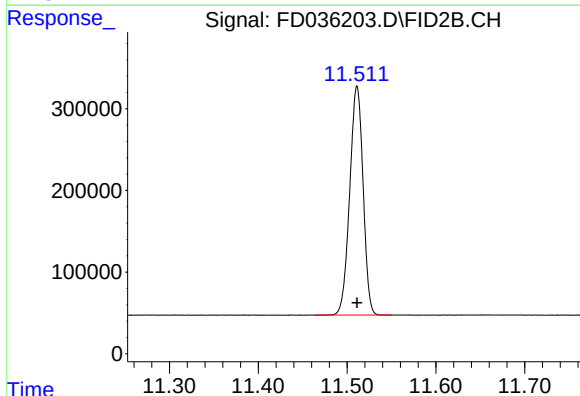
R.T.: 10.743 min
Delta R.T.: 0.000 min
Response: 2880834
Conc: 20.29 ug/ml

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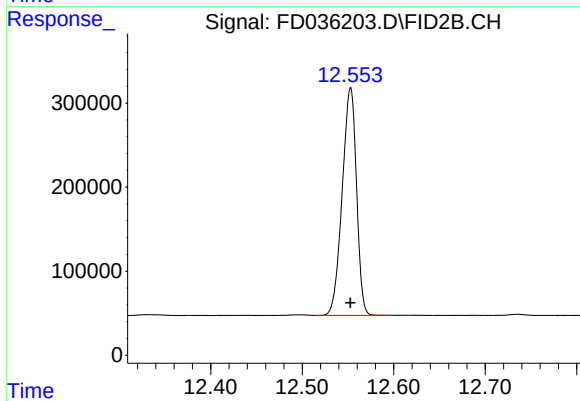
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: 0.000 min
Response: 2798241
Conc: 20.21 ug/ml



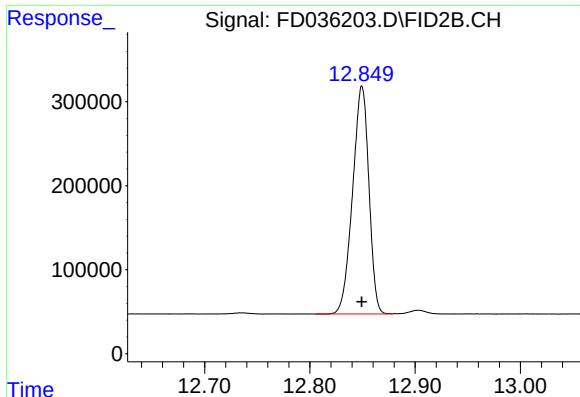
#11 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: 0.000 min
Response: 2930902
Conc: 20.13 ug/ml



#12 Fluoranthene (C21.85)

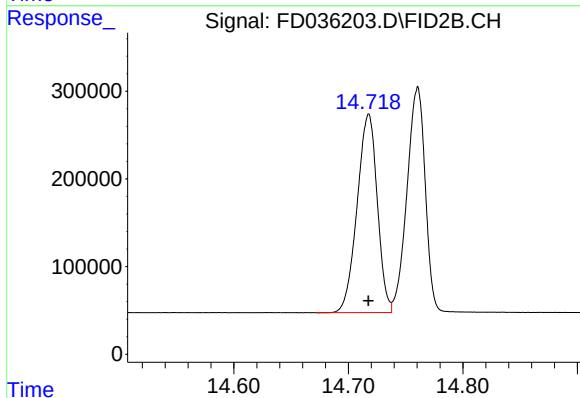
R.T.: 12.553 min
Delta R.T.: 0.000 min
Response: 2942263
Conc: 20.30 ug/ml



#13 Pyrene (C20.8)

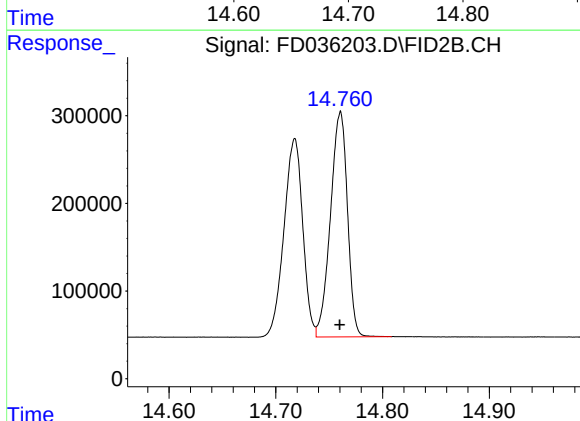
R.T.: 12.850 min
Delta R.T.: 0.000 min
Response: 2921666
Conc: 20.31 ug/ml

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20 PPM AROMATIC HC STD ICV



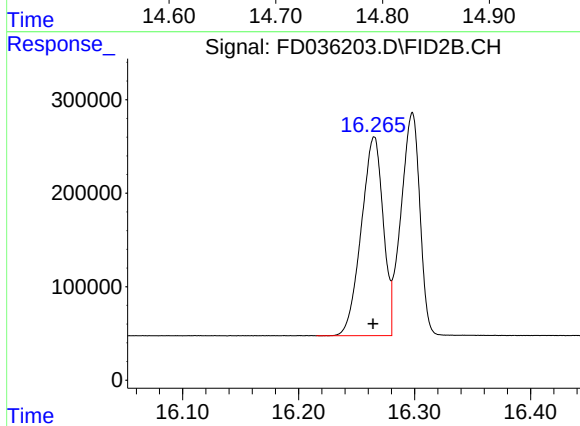
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.718 min
Delta R.T.: 0.000 min
Response: 2768010
Conc: 20.52 ug/ml



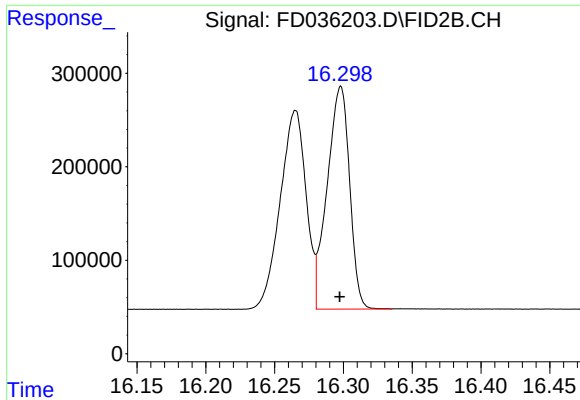
#15 Chrysene (C27.41)

R.T.: 14.761 min
Delta R.T.: 0.000 min
Response: 2844035
Conc: 20.54 ug/ml



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

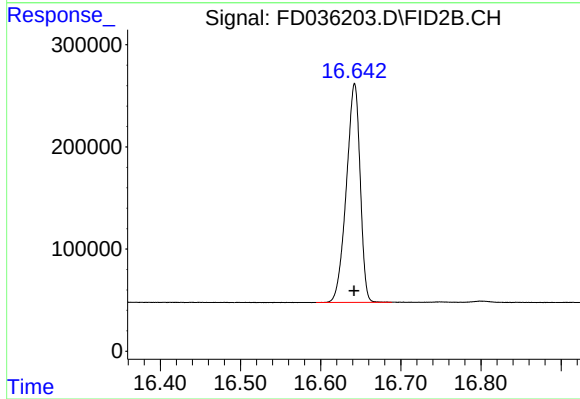
R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 2787028
Conc: 20.63 ug/ml



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

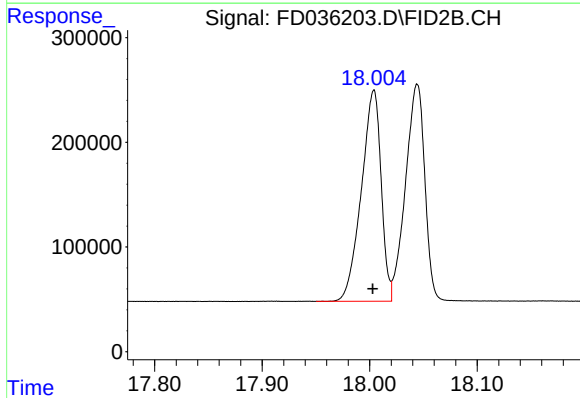
R.T.: 16.298 min
Delta R.T.: 0.000 min
Response: 2697581
Conc: 20.67 ug/ml

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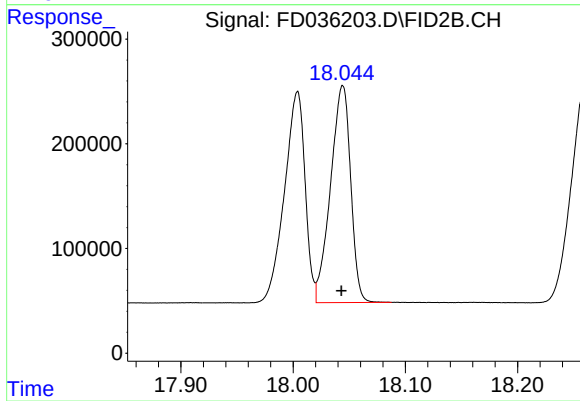
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.642 min
Delta R.T.: 0.000 min
Response: 2559662
Conc: 20.68 ug/ml



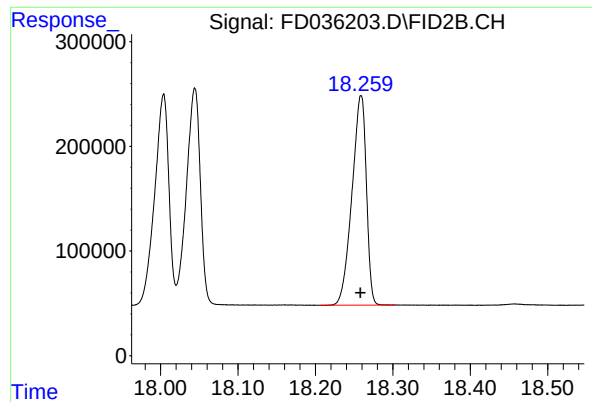
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: 0.001 min
Response: 2575326
Conc: 20.60 ug/ml



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

R.T.: 18.044 min
Delta R.T.: 0.001 min
Response: 2582793
Conc: 20.69 ug/ml



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

R.T.: 18.259 min
Delta R.T.: 0.000 min
Response: 2583043
Conc: 20.74 ug/ml

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