

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AR\
 Data File : FG016440.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 15:27
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 29 04:55:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 04:51:23 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...	8.108	2135363	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.993	1448773	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	12.075	2518182	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.695	2377525	20.000 ug/ml
2) T Naphthalene (C11.7)	6.377	2500128	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.480	2493934	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.792	2479127	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.093	2543536	20.000 ug/ml
8) T Flouorene (C16.55)	9.888	2453509	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.305	2429113	20.000 ug/ml
10) T Anthracene (C19.43)	11.381	2413029	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.141	2423220	20.000 ug/ml
13) T Pyrene (C20.8)	13.442	2391680	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.335	2268720	20.000 ug/ml
15) T Chrysene (C27.41)	15.378	2357377	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.907	2309249	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.938	2248779	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.290	2309114	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.672	2070276	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.710	2544401	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.931	2457106	20.000 ug/ml

(f)=RT Delta > 1/2 Window

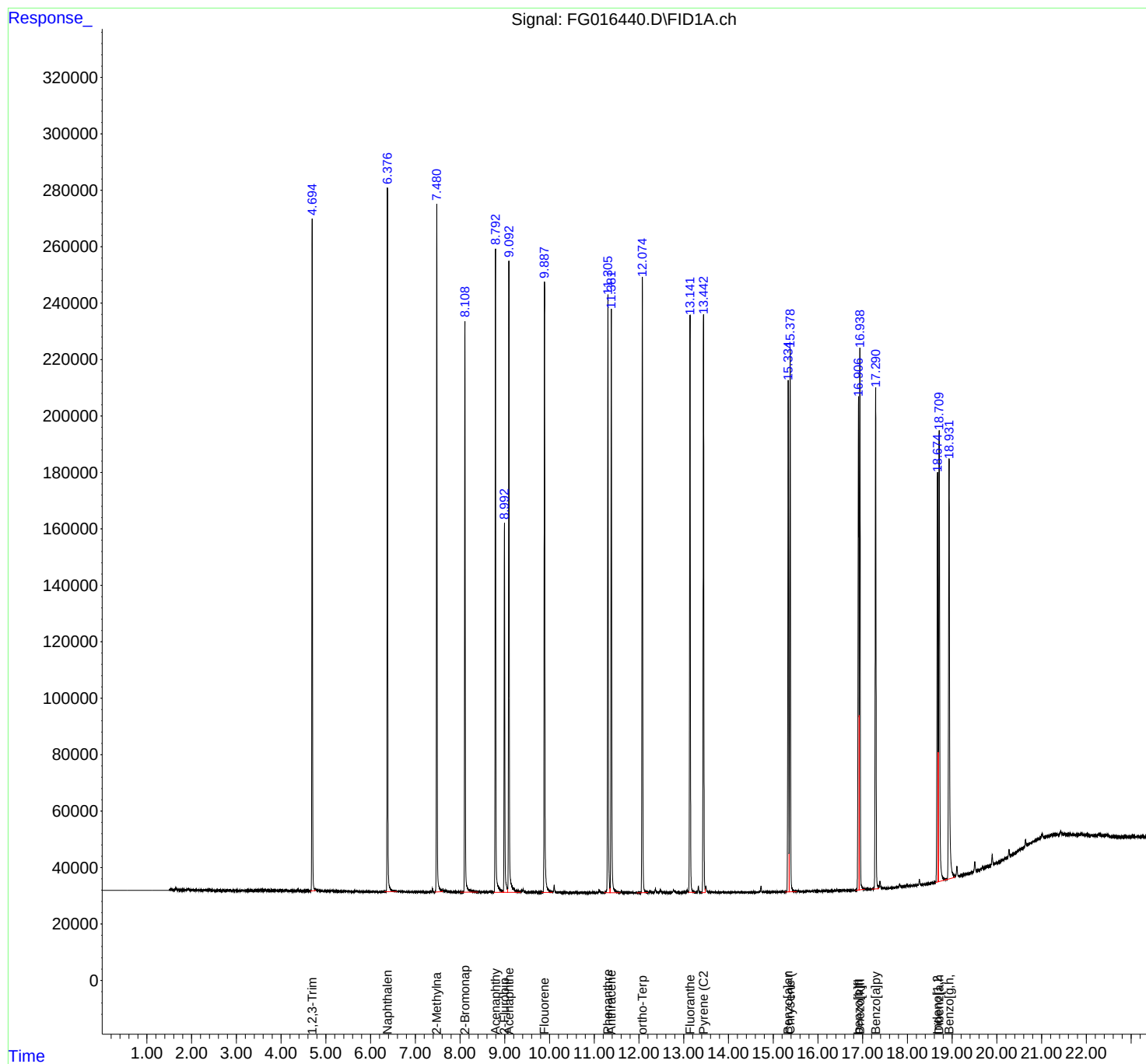
(m)=manual int.

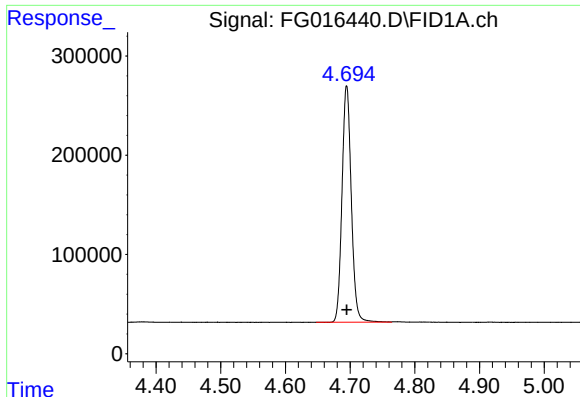
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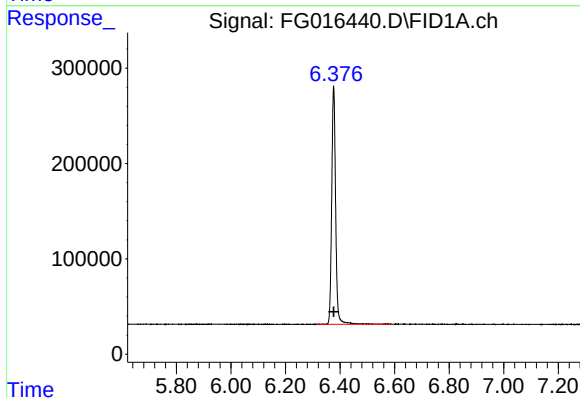




#1 1,2,3-Trimethylbenzene (C10.1)

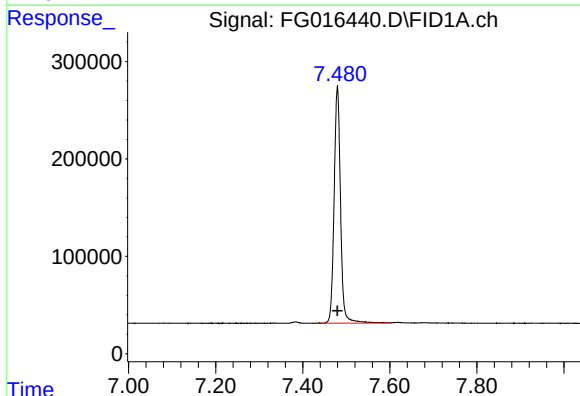
R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 2377525
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



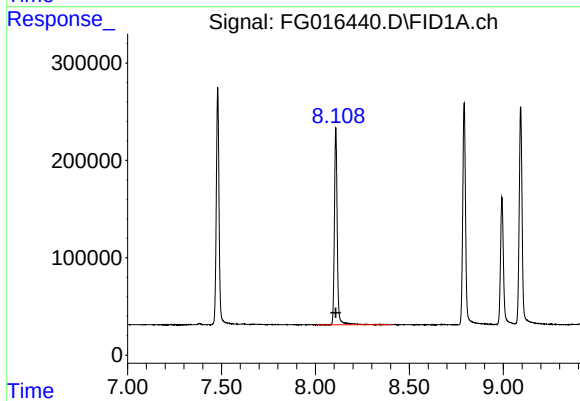
#2 Naphthalene (C11.7)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 2500128
Conc: 20.00 ug/ml



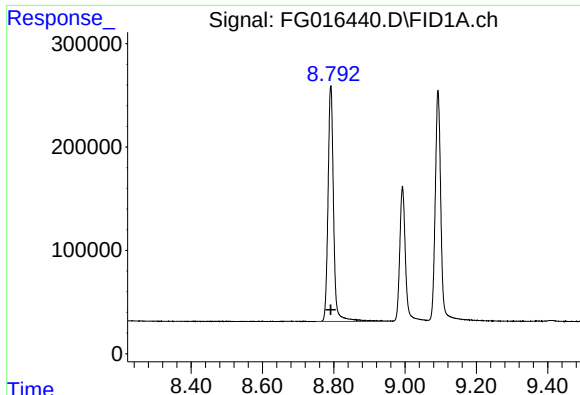
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 2493934
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

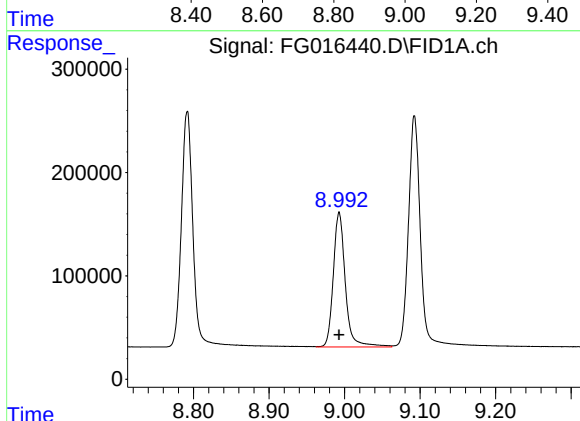
R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 2135363
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

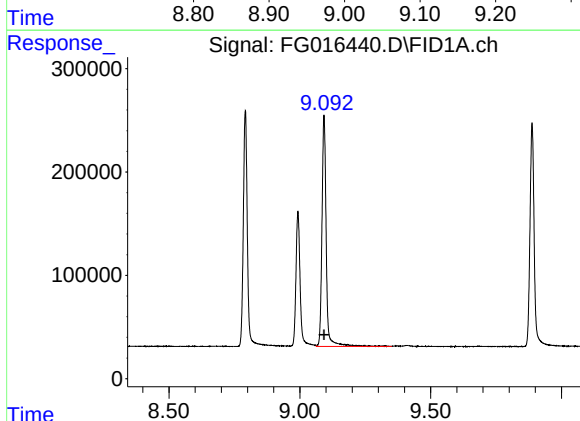
R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 2479127
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



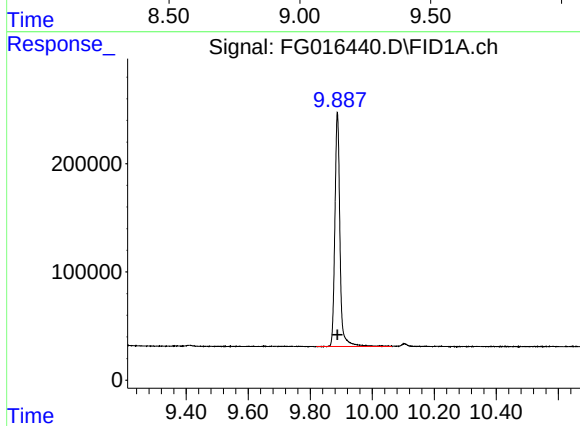
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.993 min
Delta R.T.: 0.000 min
Response: 1448773
Conc: 20.00 ug/ml



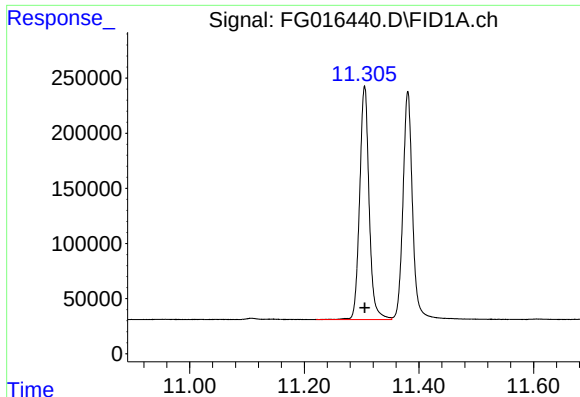
#7 Acenaphthene (C15.5)

R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 2543536
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

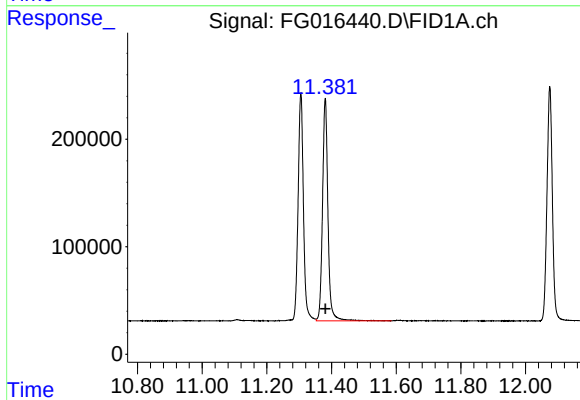
R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 2453509
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

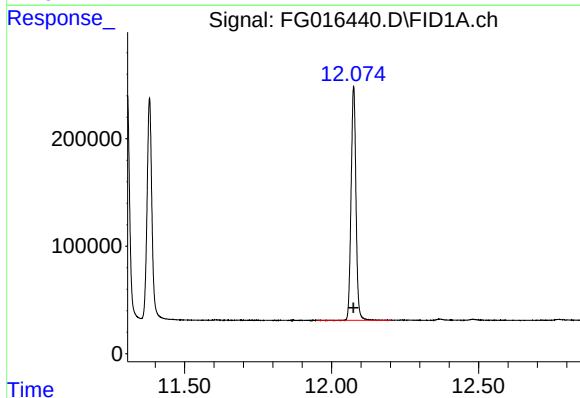
R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 2429113
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



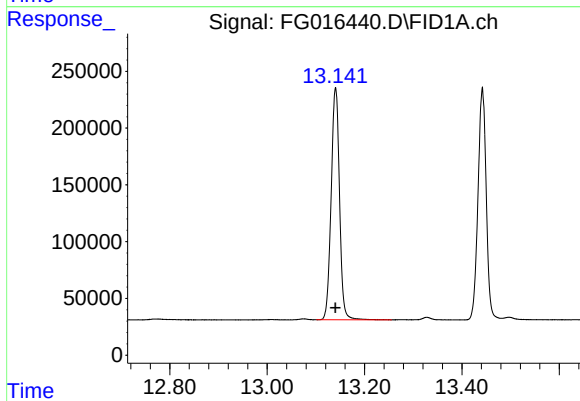
#10 Anthracene (C19.43)

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 2413029
Conc: 20.00 ug/ml



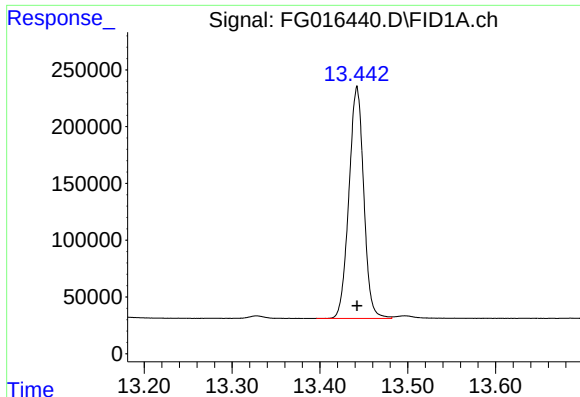
#11 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: 0.000 min
Response: 2518182
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

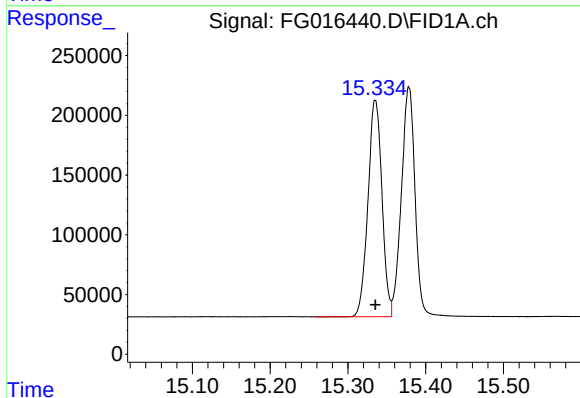
R.T.: 13.141 min
Delta R.T.: 0.000 min
Response: 2423220
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

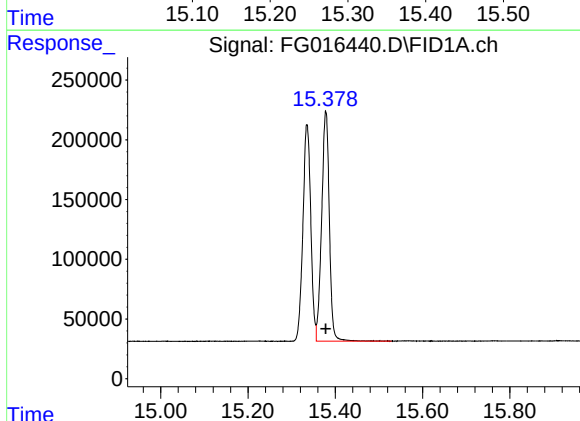
R.T.: 13.442 min
Delta R.T.: 0.000 min
Response: 2391680
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



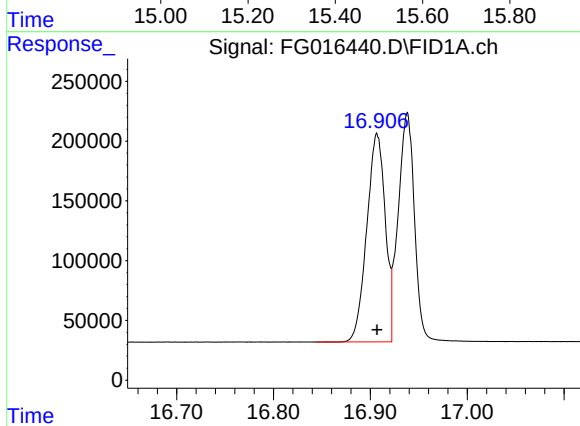
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.335 min
Delta R.T.: 0.000 min
Response: 2268720
Conc: 20.00 ug/ml



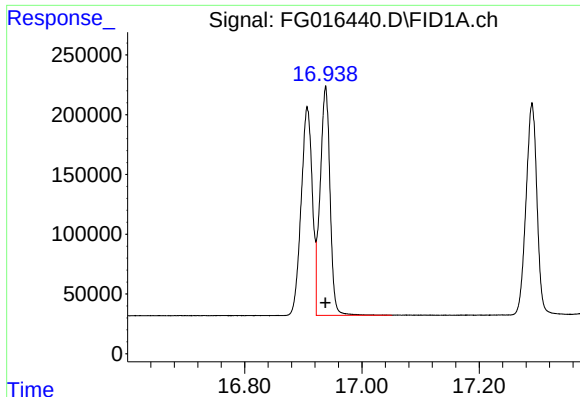
#15 Chrysene (C27.41)

R.T.: 15.378 min
Delta R.T.: 0.000 min
Response: 2357377
Conc: 20.00 ug/ml



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

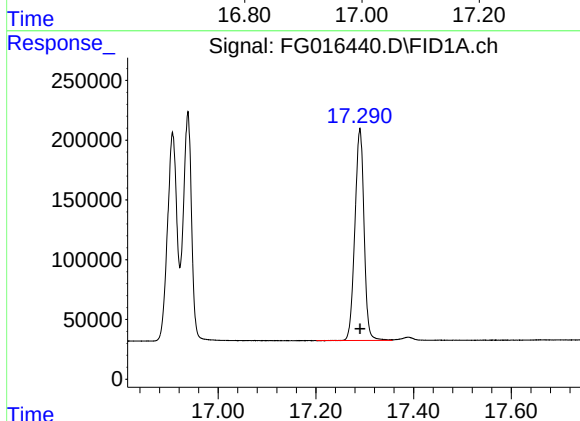
R.T.: 16.907 min
Delta R.T.: 0.000 min
Response: 2309249
Conc: 20.00 ug/ml



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

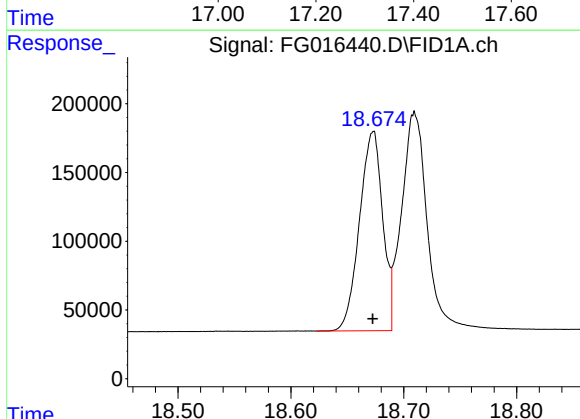
R.T.: 16.938 min
Delta R.T.: 0.000 min
Response: 2248779
Conc: 20.00 ug/ml

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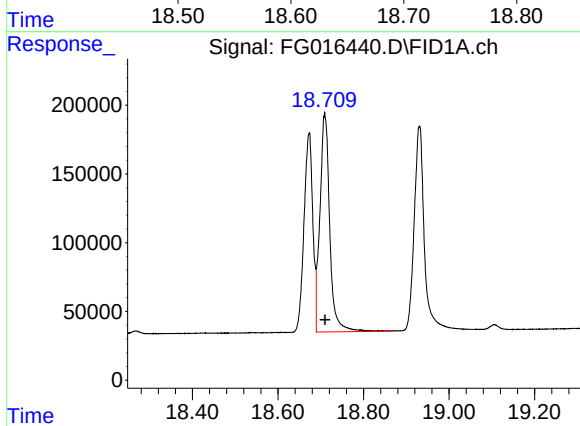
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.290 min
Delta R.T.: 0.000 min
Response: 2309114
Conc: 20.00 ug/ml



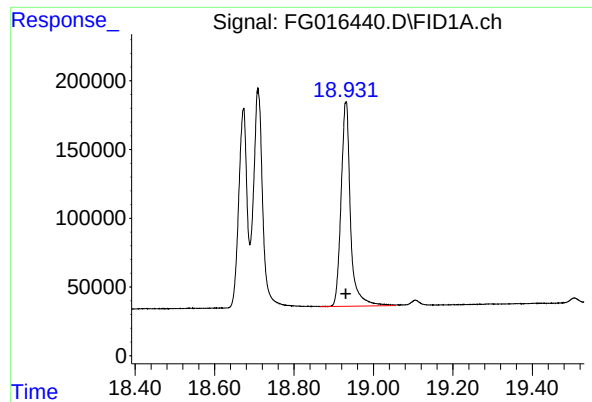
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.672 min
Delta R.T.: 0.000 min
Response: 2070276
Conc: 20.00 ug/ml



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

R.T.: 18.710 min
Delta R.T.: 0.000 min
Response: 2544401
Conc: 20.00 ug/ml



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

R.T.: 18.931 min
Delta R.T.: 0.000 min
Response: 2457106
Conc: 20.00 ug/ml

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