

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016644.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 13:49
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 26 05:42:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 092525.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 25 12:44:26 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...	8.092	2162246	18.902 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
6) S 2-Fluorobiphenyl (SURR)	8.975	1404577	18.811 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.62%
11) S ortho-Terphenyl (SURR)	12.056	2624736	18.523 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.677	2434529	18.492 ug/ml
2) T Naphthalene (C11.7)	6.359	2564721	18.488 ug/ml
3) T 2-Methylnaphthalene (...)	7.462	2470229	18.102 ug/ml
5) T Acenaphthylene (C15.06)	8.773	2430983	18.676 ug/ml
7) T Acenaphthene (C15.5)	9.073	2685877	18.460 ug/ml
8) T Flouorene (C16.55)	9.869	2499570	18.565 ug/ml
9) T Phenanthrene (C19.36)	11.286	2406243	18.797 ug/ml
10) T Anthracene (C19.43)	11.362	2640973	18.604 ug/ml
12) T Fluoranthene (C21.85)	13.120	2567328	18.822 ug/ml
13) T Pyrene (C20.8)	13.420	2575685	18.765 ug/ml
14) T Benzo[a]anthracene (C...	15.314	2177169	19.285 ug/ml
15) T Chrysene (C27.41)	15.356	2729665	18.254 ug/ml
16) T benzo[b]fluoranthene ...	16.883	2066173	19.005 ug/ml
17) T Bnezo[k]fluoranthene ...	16.914	2642393	18.780 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.269	2244733	18.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.649	1468495	17.844 ug/ml
20) T Dibenz[a,h]anthracene...	18.689	2783437	18.793 ug/ml
21) T Benzo[g,h,i]perylene ...	18.904	2111734	18.723 ug/ml

(f)=RT Delta > 1/2 Window

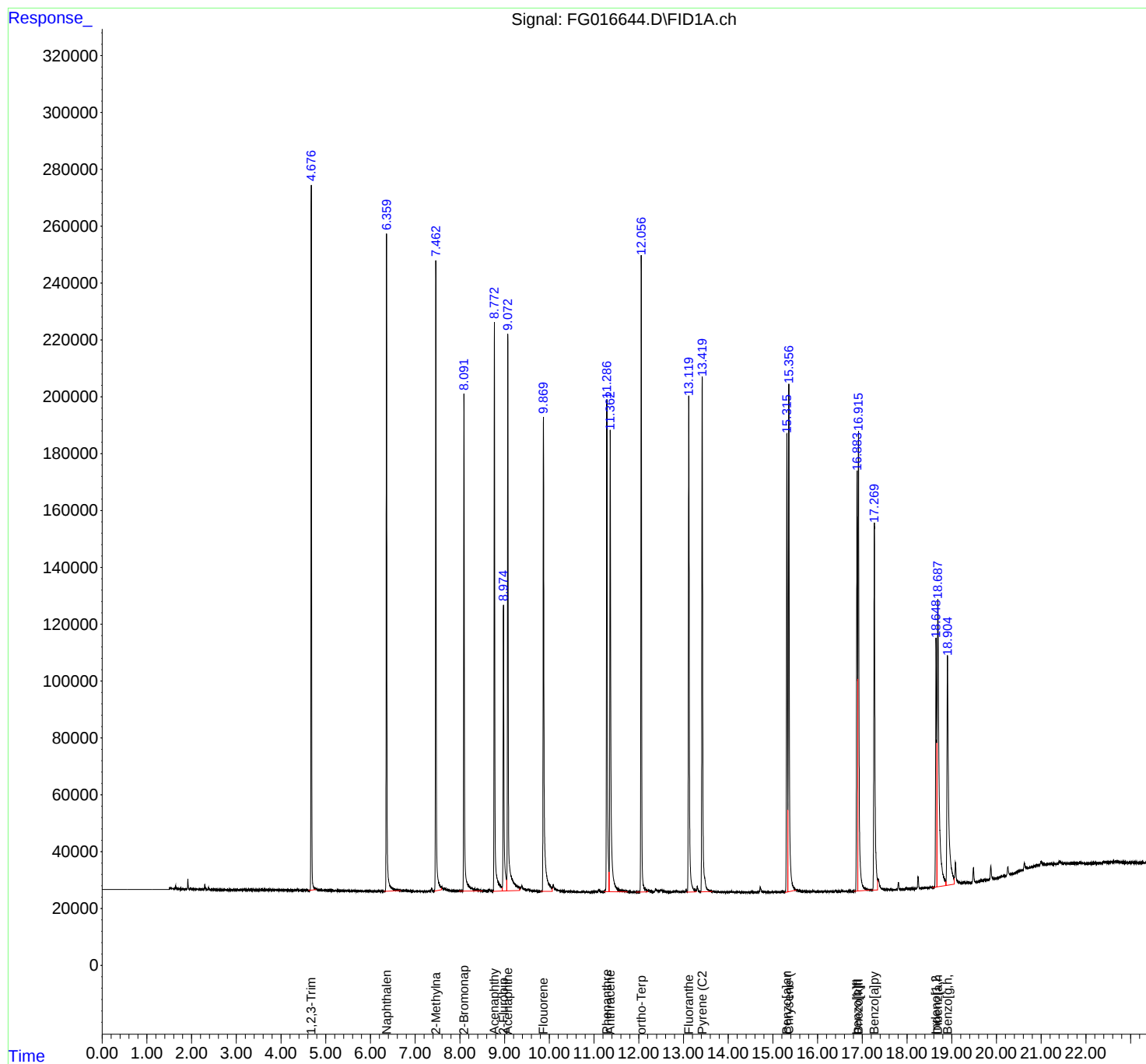
(m)=manual int.

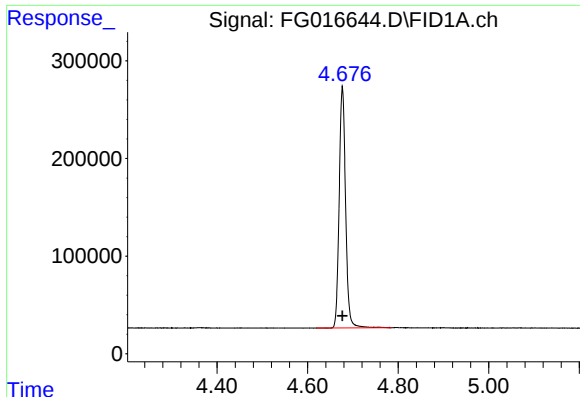
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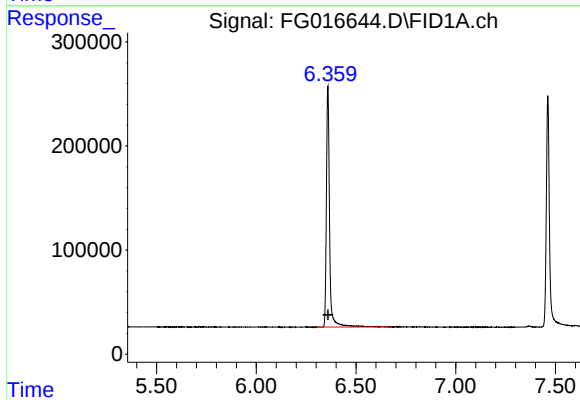




#1 1,2,3-Trimethylbenzene (C10.1)

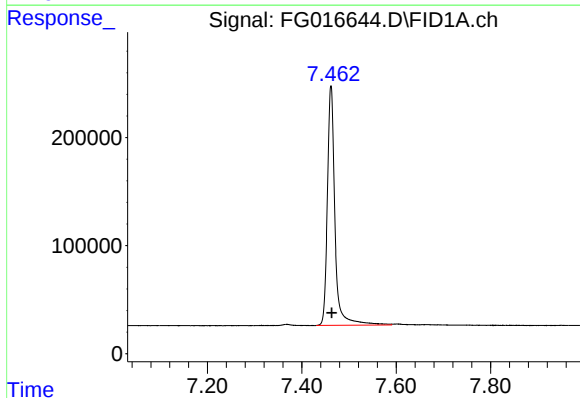
R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 2434529
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM AROMATIC HC STD



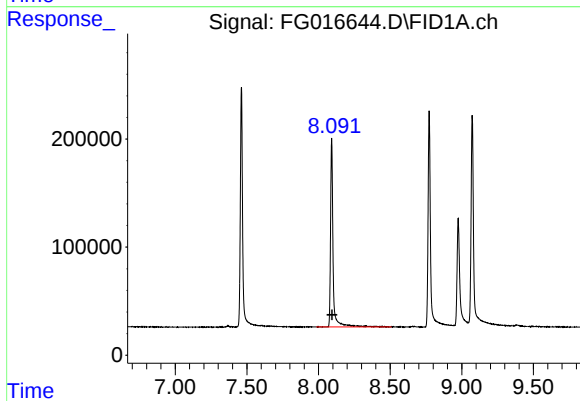
#2 Naphthalene (C11.7)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 2564721
Conc: 18.49 ug/ml



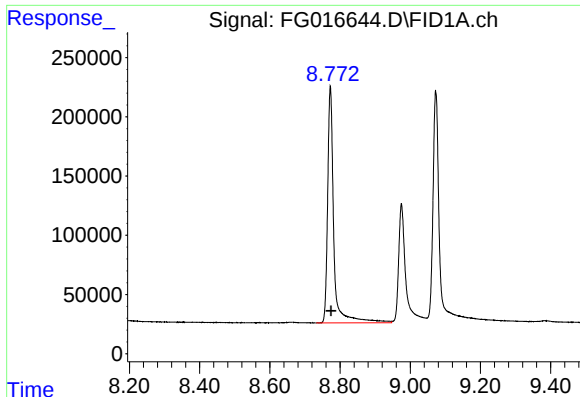
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 2470229
Conc: 18.10 ug/ml



#4 2-Bromonaphthalene (SURR)

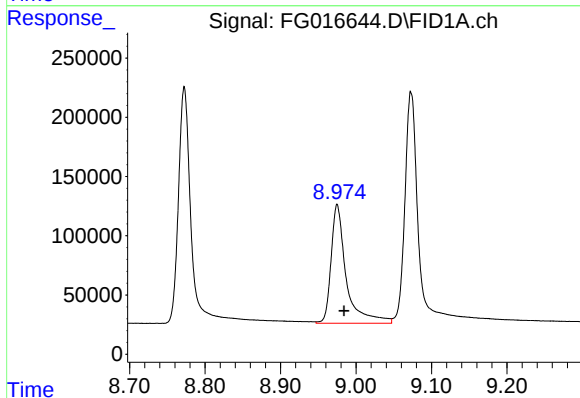
R.T.: 8.092 min
Delta R.T.: -0.003 min
Response: 2162246
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

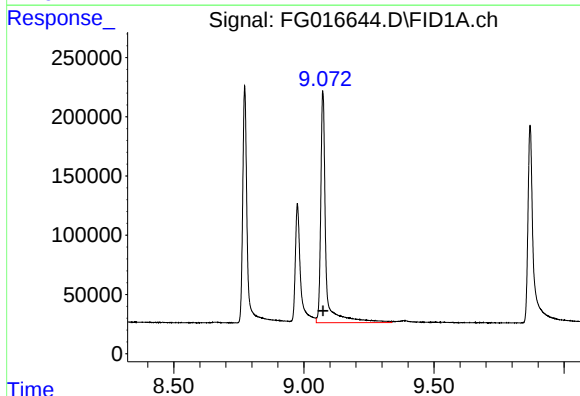
R.T.: 8.773 min
Delta R.T.: -0.002 min
Response: 2430983
Conc: 18.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



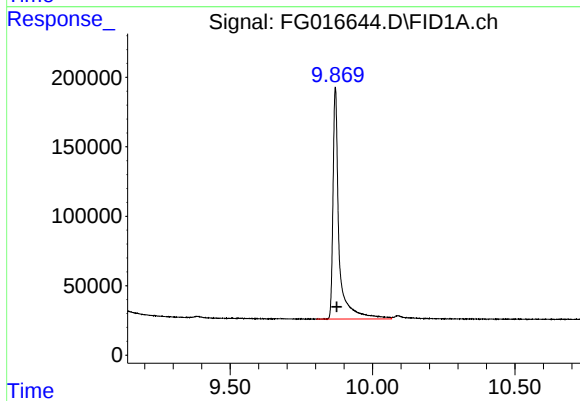
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.975 min
Delta R.T.: -0.009 min
Response: 1404577
Conc: 18.81 ug/ml



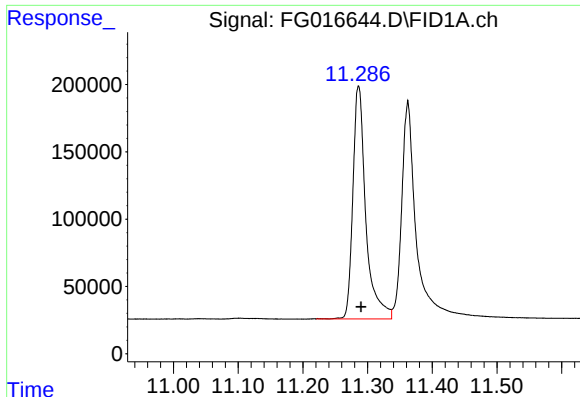
#7 Acenaphthene (C15.5)

R.T.: 9.073 min
Delta R.T.: -0.001 min
Response: 2685877
Conc: 18.46 ug/ml



#8 Fluorene (C16.55)

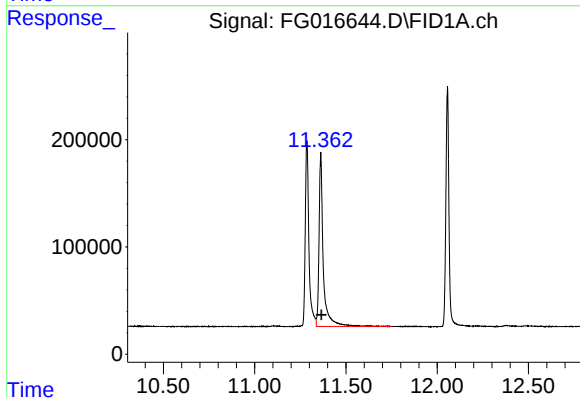
R.T.: 9.869 min
Delta R.T.: -0.005 min
Response: 2499570
Conc: 18.56 ug/ml



#9 Phenanthrene (C19.36)

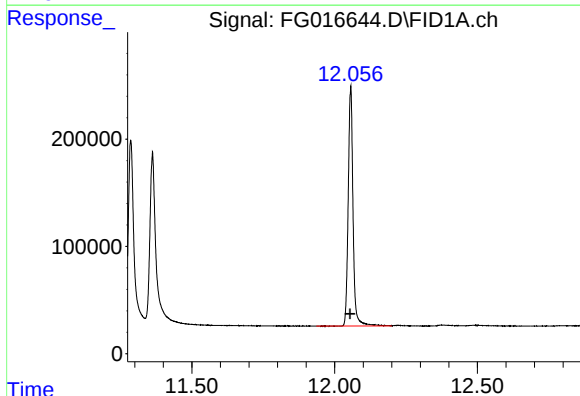
R.T.: 11.286 min
Delta R.T.: -0.004 min
Response: 2406243
Conc: 18.80 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



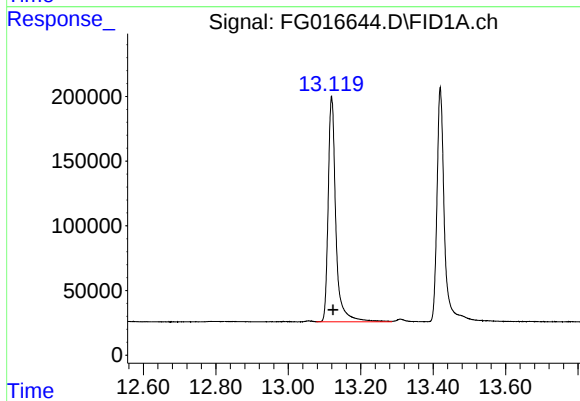
#10 Anthracene (C19.43)

R.T.: 11.362 min
Delta R.T.: -0.005 min
Response: 2640973
Conc: 18.60 ug/ml



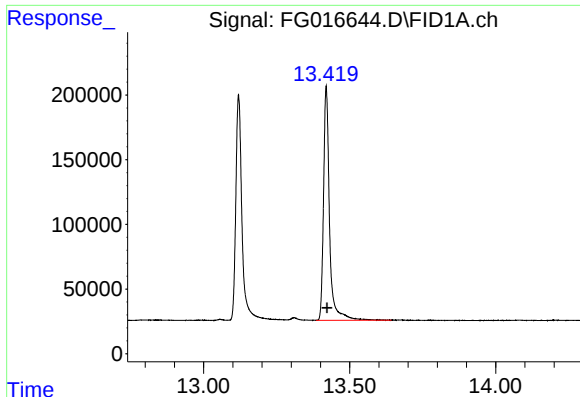
#11 ortho-Terphenyl (SURR)

R.T.: 12.056 min
Delta R.T.: 0.002 min
Response: 2624736
Conc: 18.52 ug/ml



#12 Fluoranthene (C21.85)

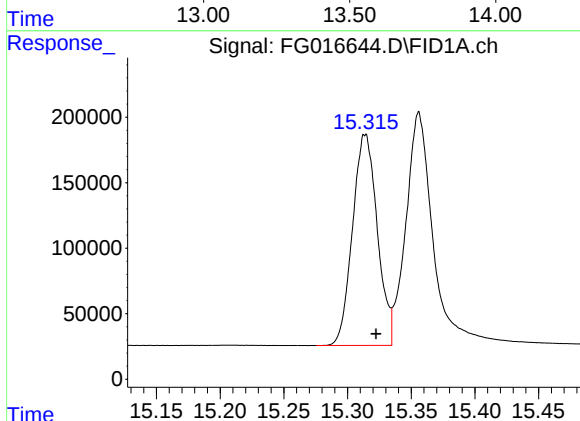
R.T.: 13.120 min
Delta R.T.: -0.004 min
Response: 2567328
Conc: 18.82 ug/ml



#13 Pyrene (C20.8)

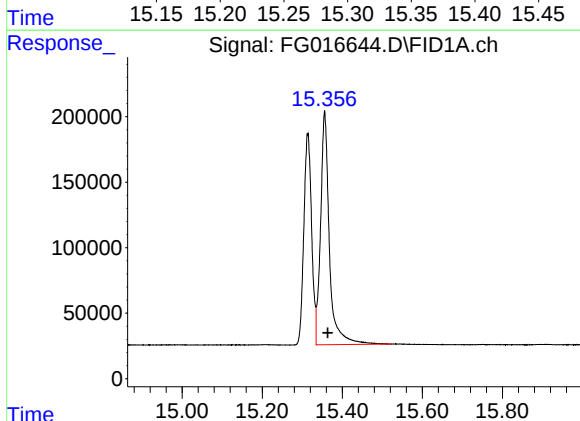
R.T.: 13.420 min
Delta R.T.: -0.003 min
Response: 2575685
Conc: 18.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM AROMATIC HC STD



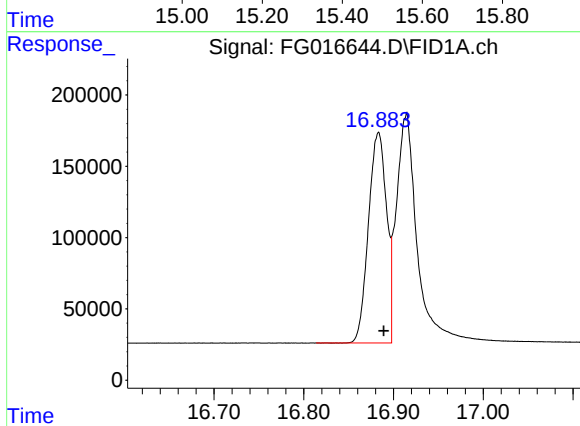
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.314 min
Delta R.T.: -0.009 min
Response: 2177169
Conc: 19.28 ug/ml



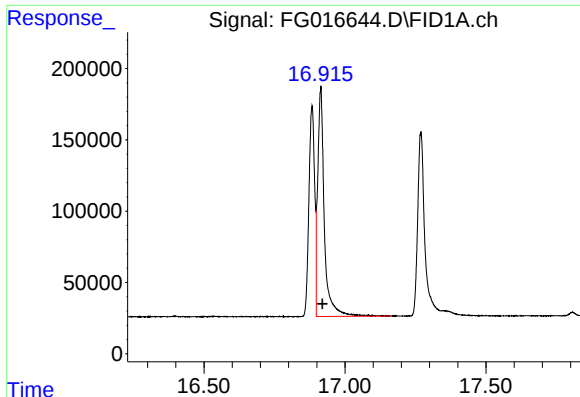
#15 Chrysene (C27.41)

R.T.: 15.356 min
Delta R.T.: -0.008 min
Response: 2729665
Conc: 18.25 ug/ml



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

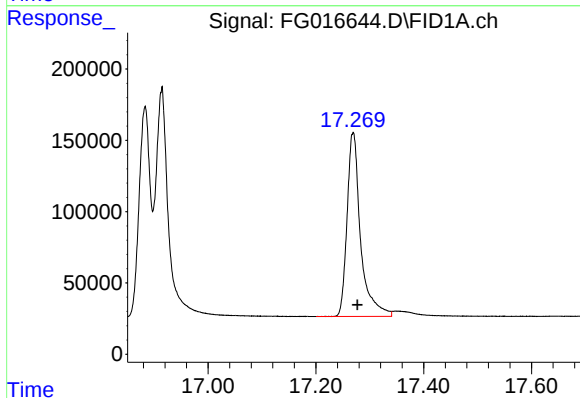
R.T.: 16.883 min
Delta R.T.: -0.006 min
Response: 2066173
Conc: 19.00 ug/ml



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

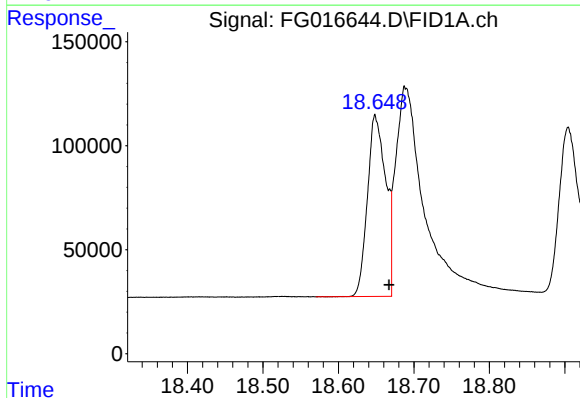
R.T.: 16.914 min
Delta R.T.: -0.006 min
Response: 2642393
Conc: 18.78 ug/ml

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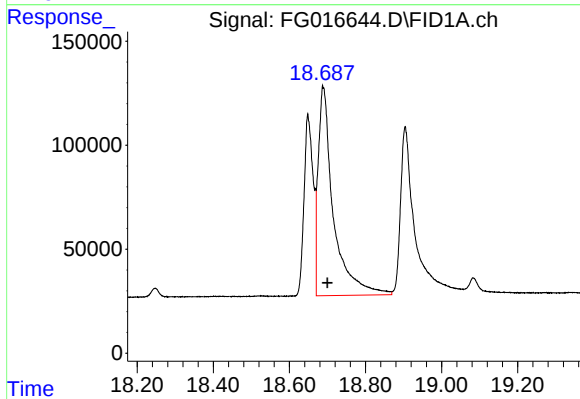
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.269 min
Delta R.T.: -0.008 min
Response: 2244733
Conc: 18.68 ug/ml



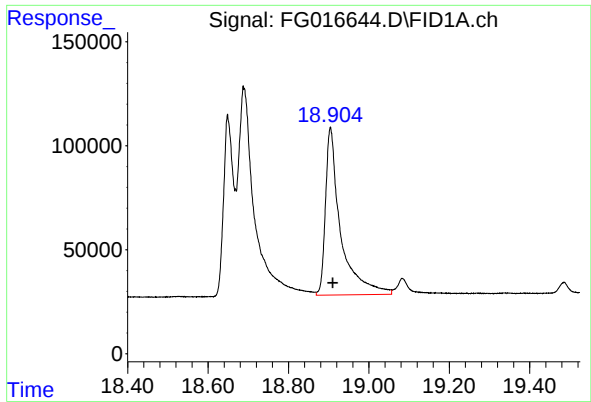
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.649 min
Delta R.T.: -0.018 min
Response: 1468495
Conc: 17.84 ug/ml



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

R.T.: 18.689 min
Delta R.T.: -0.011 min
Response: 2783437
Conc: 18.79 ug/ml



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

R.T.: 18.904 min
Delta R.T.: -0.006 min
Response: 2111734
Conc: 18.72 ug/ml

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