

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
 Data File : FG0616105.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 17:28
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 05:34:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:28:14 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...	8.127	2223981	19.708 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
6) S 2-Fluorobiphenyl (SURR)	9.008	1537439	19.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.41%
11) S ortho-Terphenyl (SURR)	12.092	2626838	19.722 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.717	2417632	19.729 ug/ml
2) T Naphthalene (C11.7)	6.396	2560576	19.747 ug/ml
3) T 2-Methylnaphthalene (...)	7.497	2605401	19.724 ug/ml
5) T Acenaphthylene (C15.06)	8.808	2574712	19.674 ug/ml
7) T Acenaphthene (C15.5)	9.109	2570129	19.719 ug/ml
8) T Fluorene (C16.55)	9.902	2569584	19.688 ug/ml
9) T Phenanthrene (C19.36)	11.318	2572133	19.712 ug/ml
10) T Anthracene (C19.43)	11.393	2555527	19.557 ug/ml
12) T Fluoranthene (C21.85)	13.150	2593916	19.778 ug/ml
13) T Pyrene (C20.8)	13.452	2571712	19.801 ug/ml
14) T Benzo[a]anthracene (C...	15.342	2547496	19.901 ug/ml
15) T Chrysene (C27.41)	15.386	2570626	19.925 ug/ml
16) T benzo[b]fluoranthene ...	16.907	2563758	20.021 ug/ml
17) T Bnezo[k]fluoranthene ...	16.940	2409015	20.049 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.290	2493803	20.014 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.666	2281776	19.837 ug/ml
20) T Dibenz[a,h]anthracene...	18.706	2459818	20.369 ug/ml
21) T Benzo[g,h,i]perylene ...	18.925	2385847	19.978 ug/ml

(f)=RT Delta > 1/2 Window

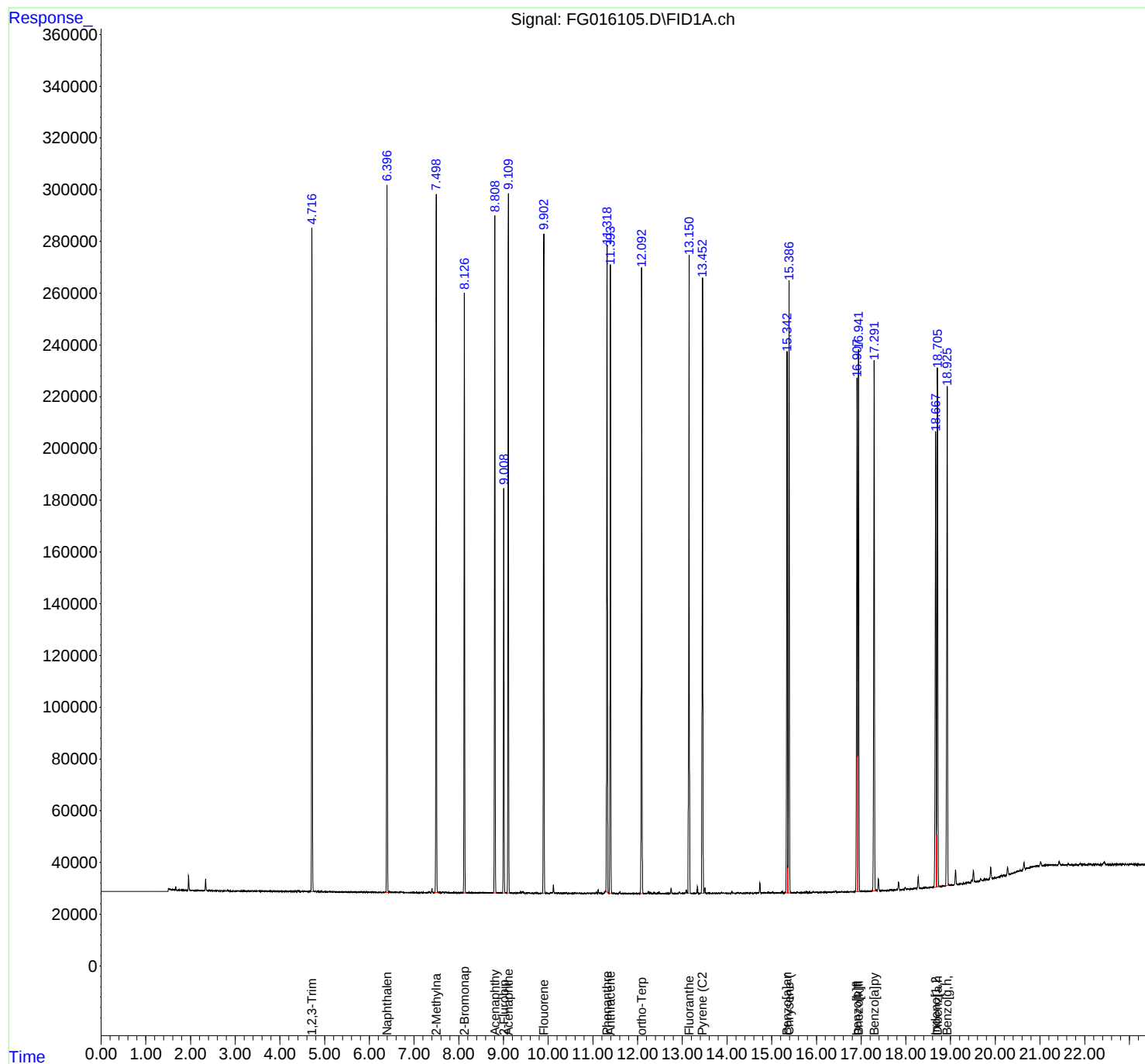
(m)=manual int.

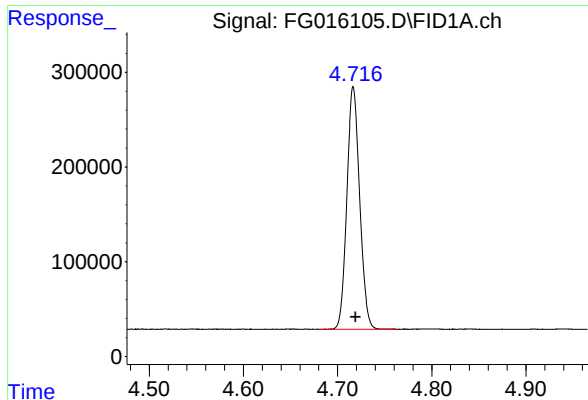
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
Data File : FG016105.D
Signal(s) : FID1A.ch
Acq On : 16 Jun 2025 17:28
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD
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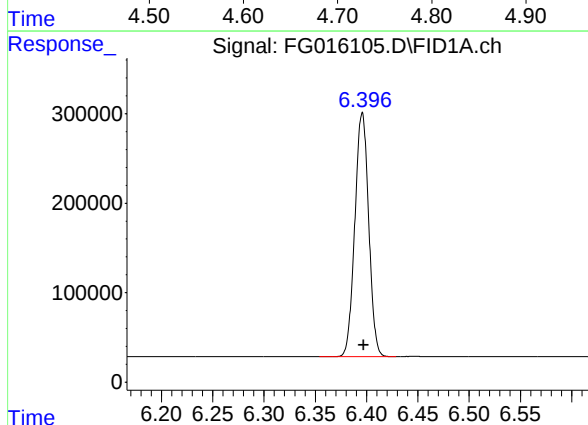




#1 1,2,3-Trimethylbenzene (C10.1)

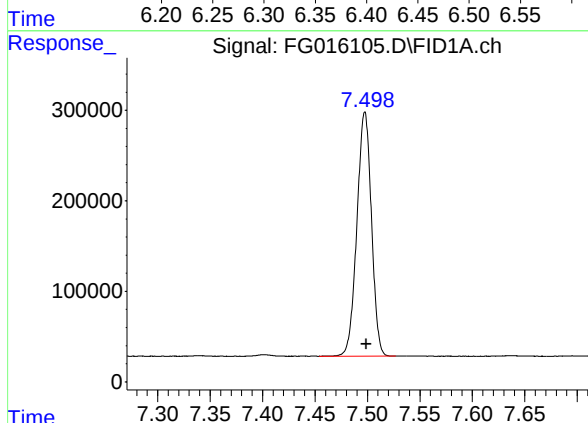
R.T.: 4.717 min
Delta R.T.: -0.002 min
Response: 2417632
Conc: 19.73 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



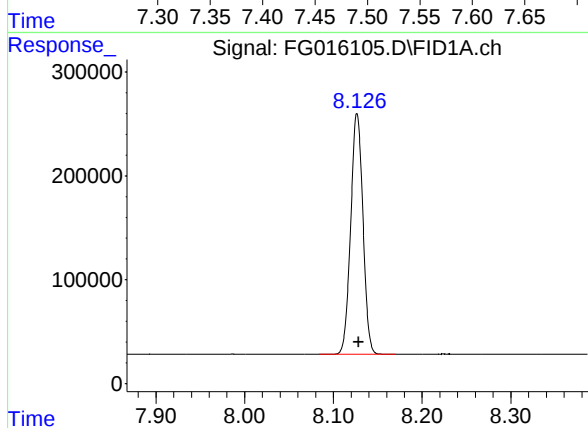
#2 Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 2560576
Conc: 19.75 ug/ml



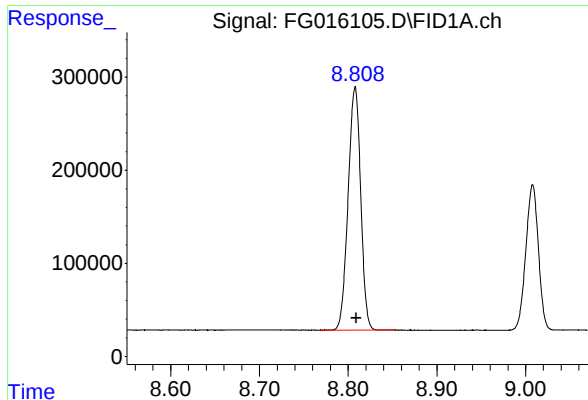
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 2605401
Conc: 19.72 ug/ml



#4 2-Bromonaphthalene (SURR)

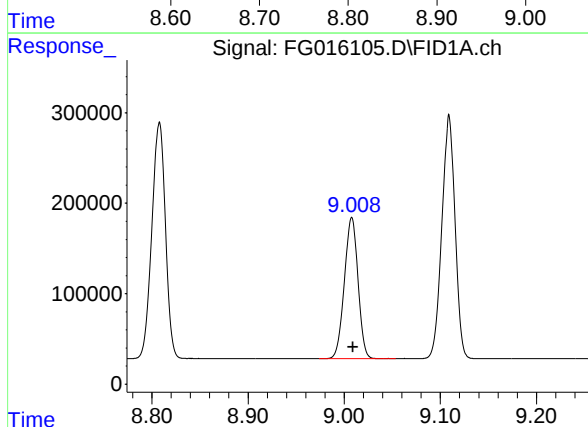
R.T.: 8.127 min
Delta R.T.: -0.002 min
Response: 2223981
Conc: 19.71 ug/ml



#5 Acenaphthylene (C15.06)

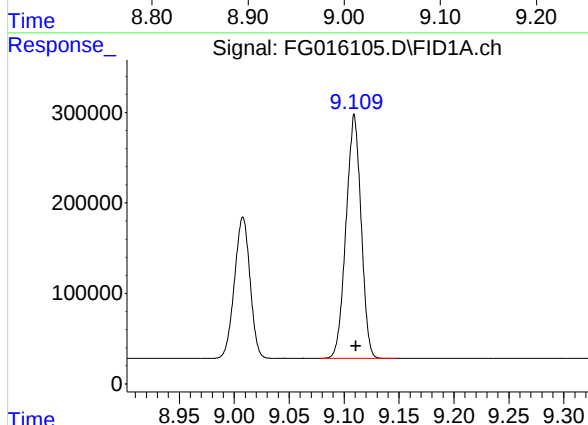
R.T.: 8.808 min
Delta R.T.: -0.001 min
Response: 2574712
Conc: 19.67 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



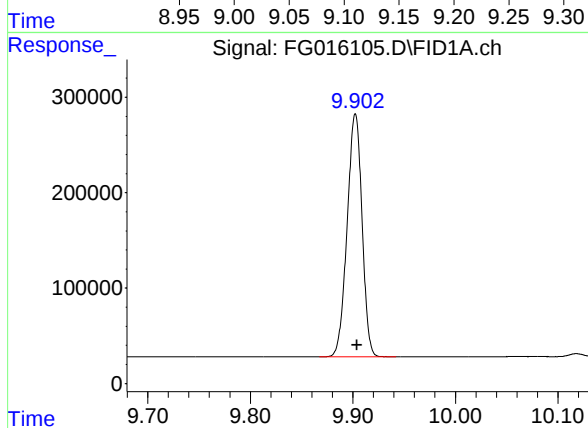
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.008 min
Delta R.T.: -0.001 min
Response: 1537439
Conc: 19.70 ug/ml



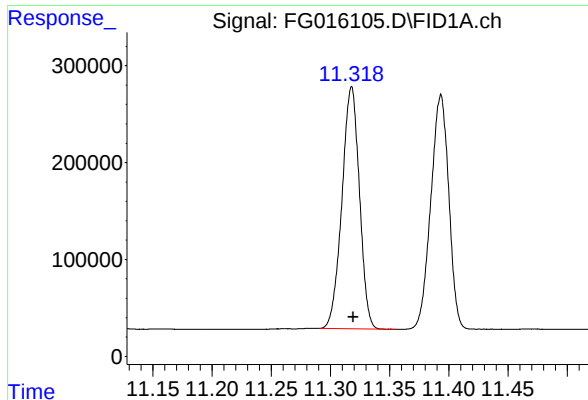
#7 Acenaphthene (C15.5)

R.T.: 9.109 min
Delta R.T.: -0.001 min
Response: 2570129
Conc: 19.72 ug/ml



#8 Fluorene (C16.55)

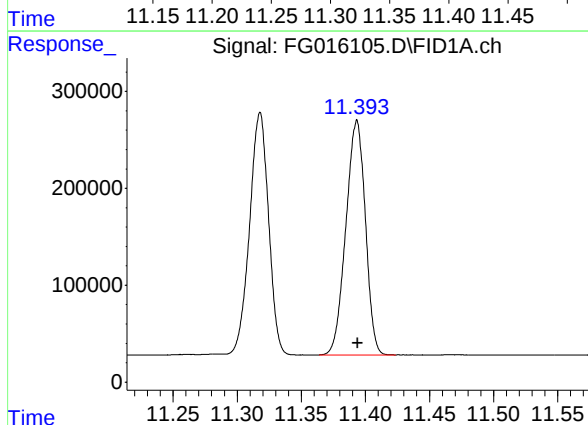
R.T.: 9.902 min
Delta R.T.: -0.002 min
Response: 2569584
Conc: 19.69 ug/ml



#9 Phenanthrene (C19.36)

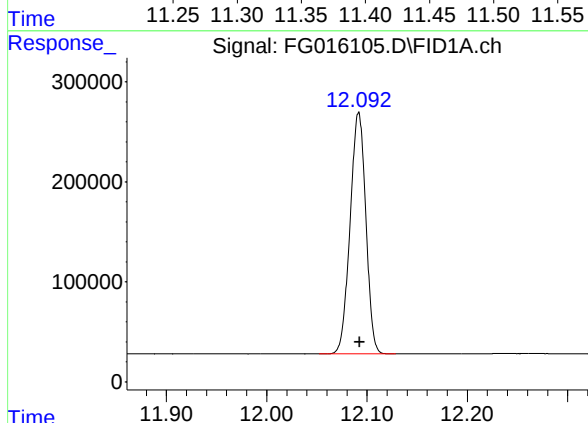
R.T.: 11.318 min
Delta R.T.: -0.002 min
Response: 2572133
Conc: 19.71 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



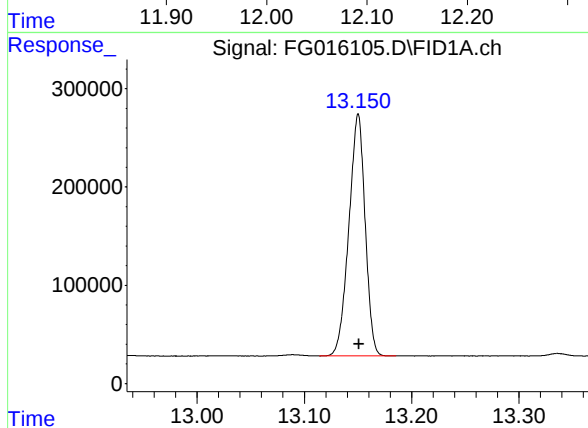
#10 Anthracene (C19.43)

R.T.: 11.393 min
Delta R.T.: 0.000 min
Response: 2555527
Conc: 19.56 ug/ml



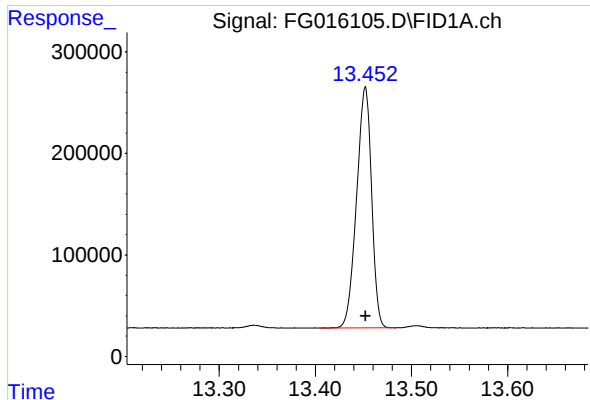
#11 ortho-Terphenyl (SURRE)

R.T.: 12.092 min
Delta R.T.: -0.001 min
Response: 2626838
Conc: 19.72 ug/ml



#12 Fluoranthene (C21.85)

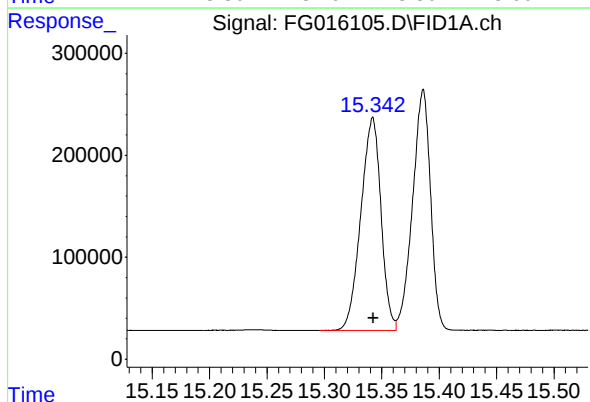
R.T.: 13.150 min
Delta R.T.: 0.000 min
Response: 2593916
Conc: 19.78 ug/ml



#13 Pyrene (C20.8)

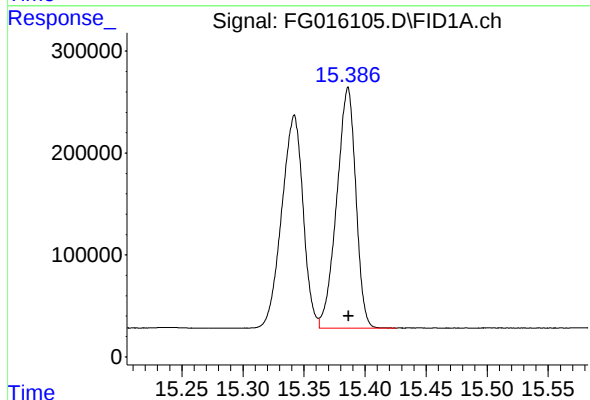
R.T.: 13.452 min
Delta R.T.: 0.000 min
Response: 2571712
Conc: 19.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



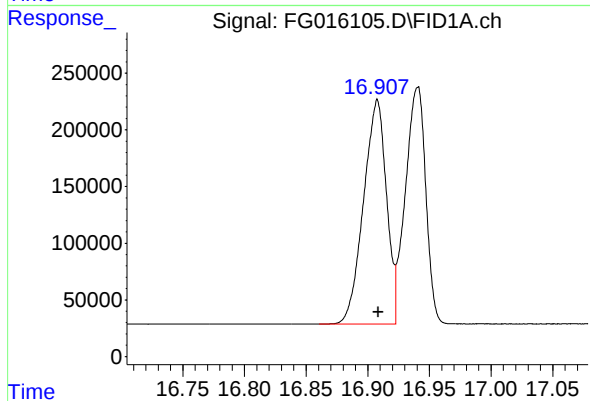
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 2547496
Conc: 19.90 ug/ml



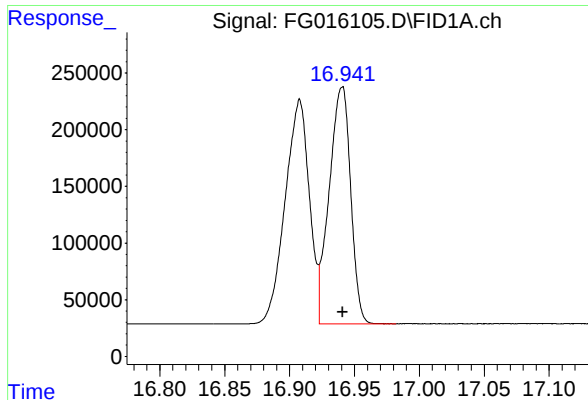
#15 Chrysene (C27.41)

R.T.: 15.386 min
Delta R.T.: 0.000 min
Response: 2570626
Conc: 19.92 ug/ml



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

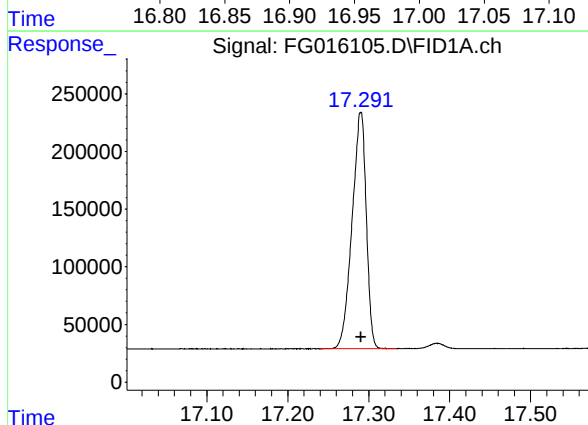
R.T.: 16.907 min
Delta R.T.: -0.001 min
Response: 2563758
Conc: 20.02 ug/ml



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

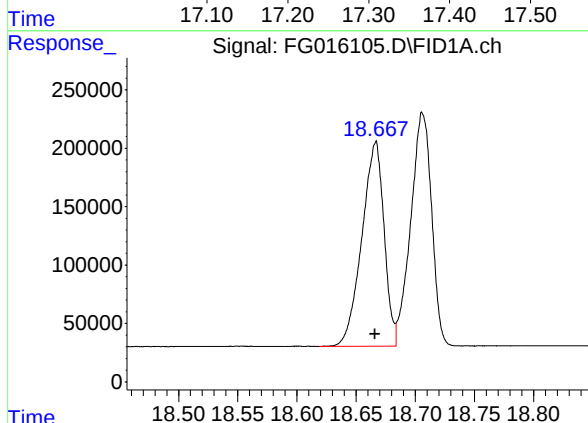
R.T.: 16.940 min
Delta R.T.: 0.000 min
Response: 2409015
Conc: 20.05 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



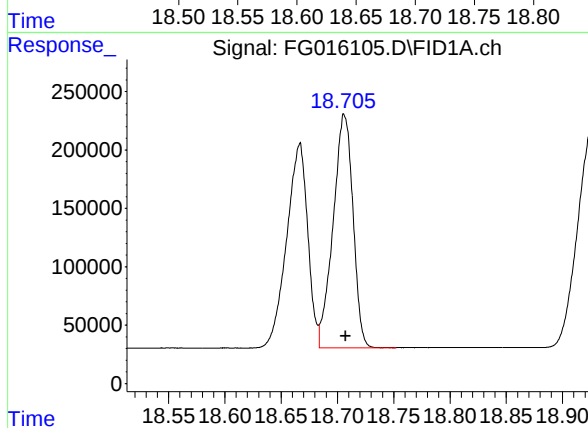
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.290 min
Delta R.T.: 0.000 min
Response: 2493803
Conc: 20.01 ug/ml



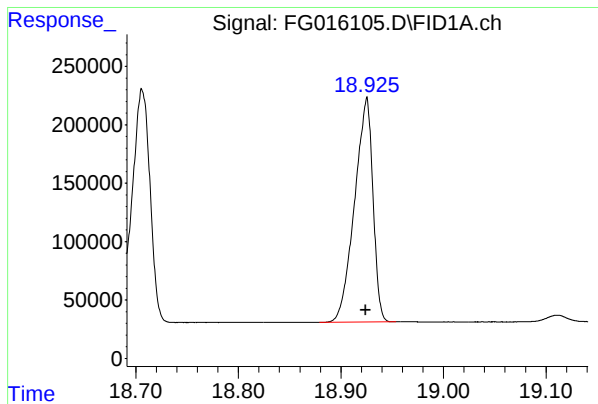
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.666 min
Delta R.T.: 0.000 min
Response: 2281776
Conc: 19.84 ug/ml



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

R.T.: 18.706 min
Delta R.T.: -0.001 min
Response: 2459818
Conc: 20.37 ug/ml



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

R.T.: 18.925 min
Delta R.T.: 0.000 min
Response: 2385847
Conc: 19.98 ug/ml

Instrument :

FID_G

ClientSampleId :

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