

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AR\
 Data File : FG016089.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 23:52
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 16 05:30:03 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...	8.129	2205174	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
6) S 2-Fluorobiphenyl (SURR)	9.010	1524377	19.536 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	12.094	2594740	19.481 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.719	2388905	19.495 ug/ml
2) T Naphthalene (C11.7)	6.398	2531650	19.524 ug/ml
3) T 2-Methylnaphthalene (...)	7.500	2579200	19.526 ug/ml
5) T Acenaphthylene (C15.06)	8.810	2555386	19.526 ug/ml
7) T Acenaphthene (C15.5)	9.111	2546286	19.536 ug/ml
8) T Fluorene (C16.55)	9.904	2546266	19.510 ug/ml
9) T Phenanthrene (C19.36)	11.320	2541064	19.474 ug/ml
10) T Anthracene (C19.43)	11.395	2546875	19.491 ug/ml
12) T Fluoranthene (C21.85)	13.152	2546790	19.418 ug/ml
13) T Pyrene (C20.8)	13.454	2522040	19.418 ug/ml
14) T Benzo[a]anthracene (C...	15.344	2479497	19.370 ug/ml
15) T Chrysene (C27.41)	15.387	2499597	19.374 ug/ml
16) T benzo[b]fluoranthene ...	16.909	2474600	19.325 ug/ml
17) T Bnezo[k]fluoranthene ...	16.941	2330996	19.400 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.291	2413714	19.371 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.669	2211726	19.228 ug/ml
20) T Dibenz[a,h]anthracene...	18.709	2339878	19.376 ug/ml
21) T Benzo[g,h,i]perylene ...	18.926	2322331	19.446 ug/ml

(f)=RT Delta > 1/2 Window

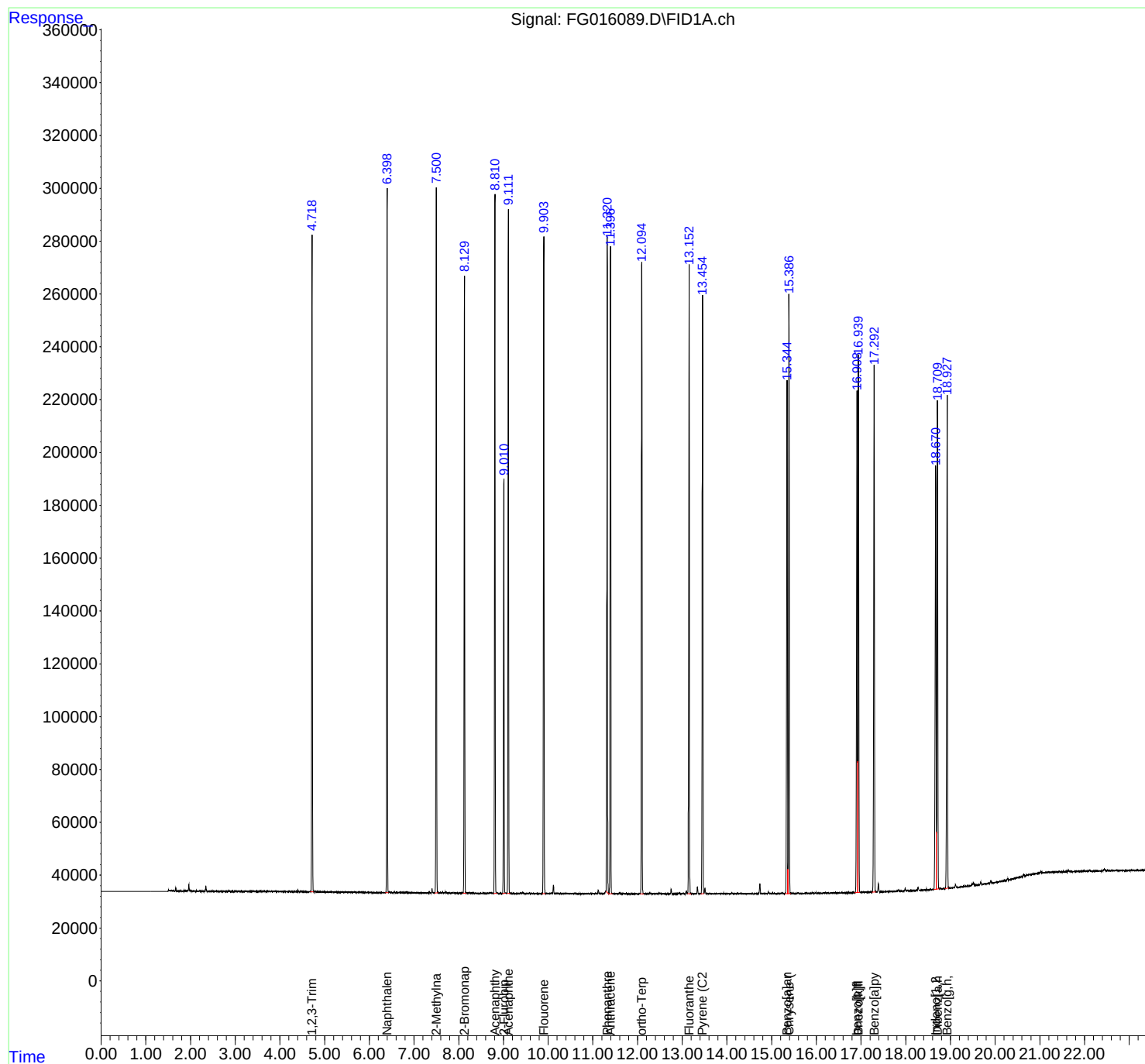
(m)=manual int.

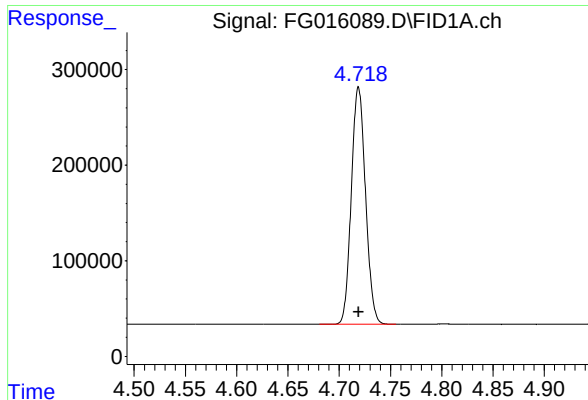
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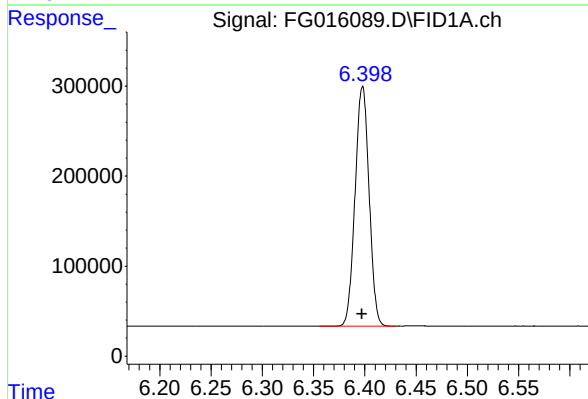




#1 1,2,3-Trimethylbenzene (C10.1)

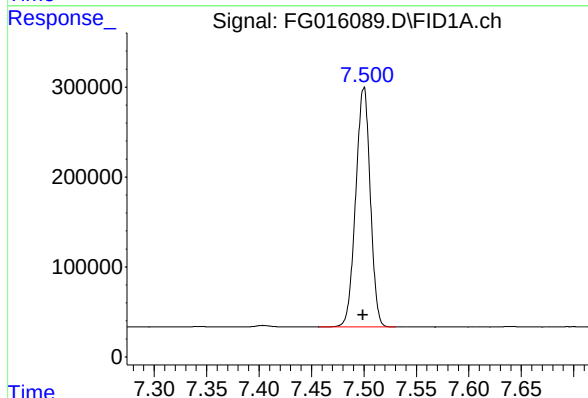
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 2388905
Conc: 19.50 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



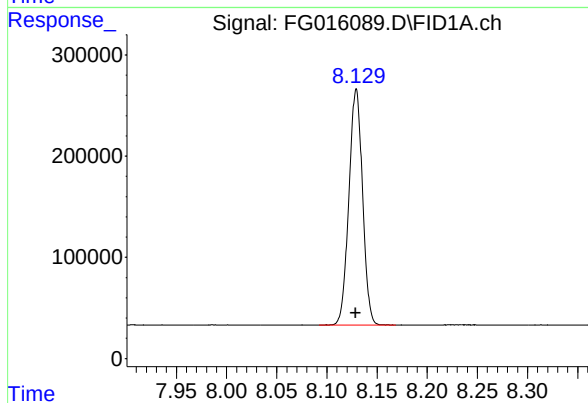
#2 Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 2531650
Conc: 19.52 ug/ml



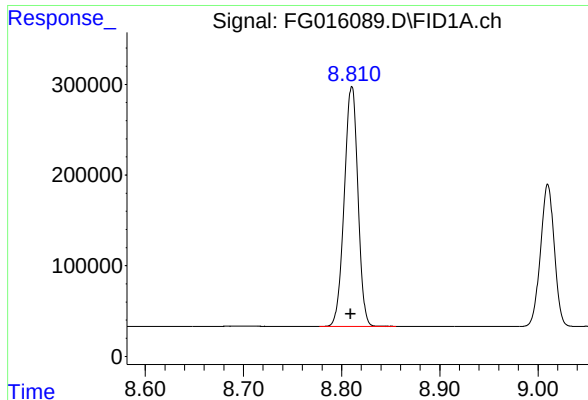
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 2579200
Conc: 19.53 ug/ml



#4 2-Bromonaphthalene (SURR)

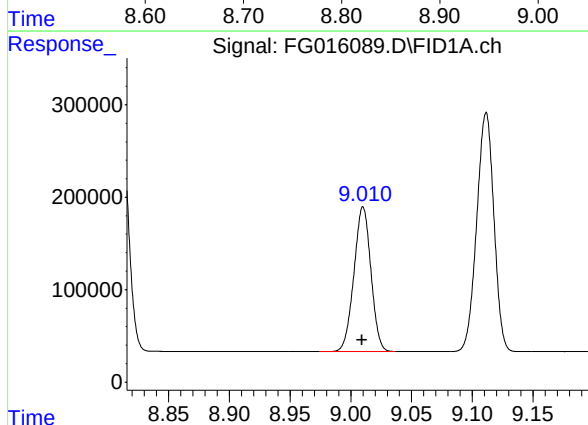
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 2205174
Conc: 19.54 ug/ml



#5 Acenaphthylene (C15.06)

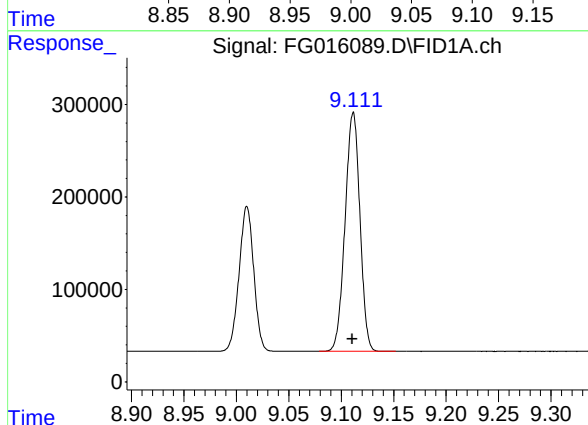
R.T.: 8.810 min
Delta R.T.: 0.001 min
Response: 2555386
Conc: 19.53 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



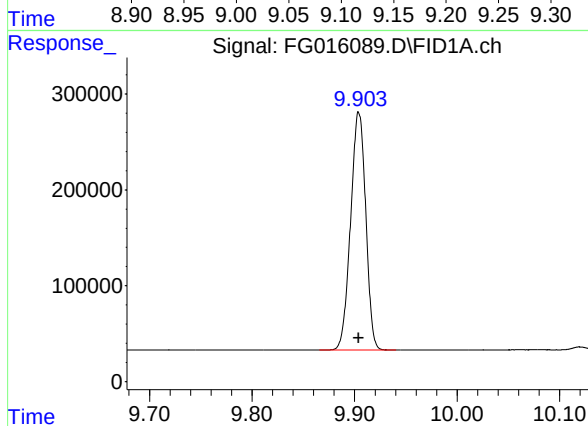
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.010 min
Delta R.T.: 0.000 min
Response: 1524377
Conc: 19.54 ug/ml



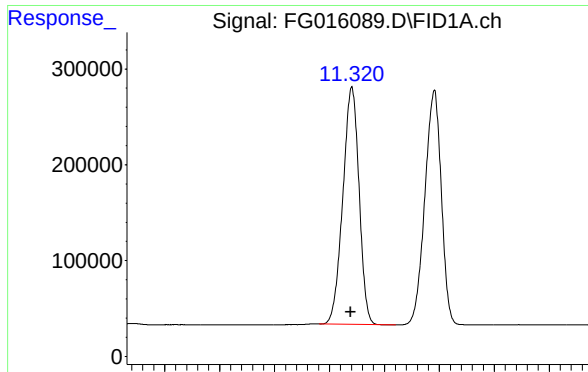
#7 Acenaphthene (C15.5)

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 2546286
Conc: 19.54 ug/ml



#8 Flouorene (C16.55)

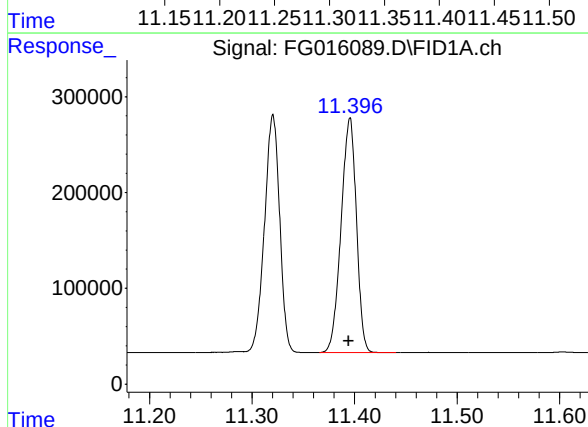
R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 2546266
Conc: 19.51 ug/ml



#9 Phenanthrene (C19.36)

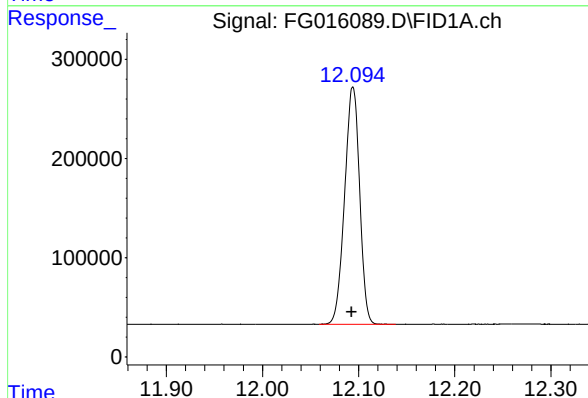
R.T.: 11.320 min
Delta R.T.: 0.001 min
Response: 2541064
Conc: 19.47 ug/ml

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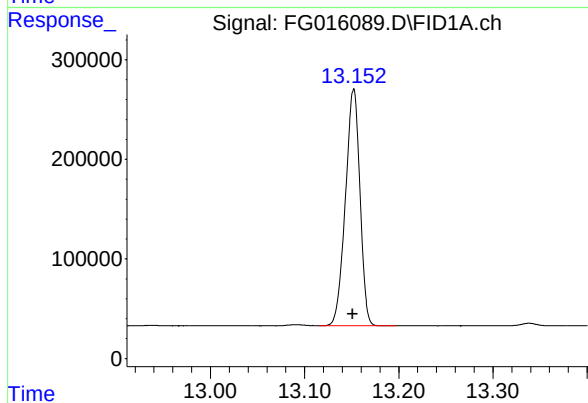
#10 Anthracene (C19.43)

R.T.: 11.395 min
Delta R.T.: 0.001 min
Response: 2546875
Conc: 19.49 ug/ml



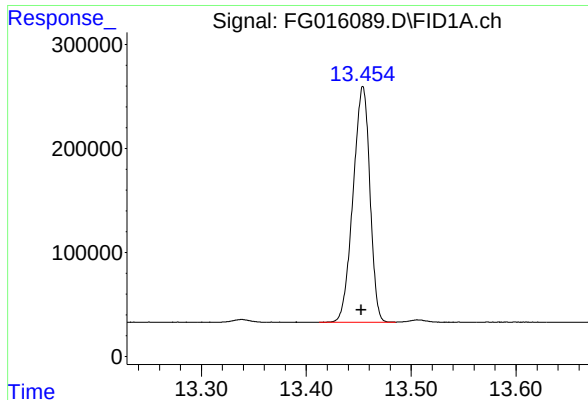
#11 ortho-Terphenyl (SURRE)

R.T.: 12.094 min
Delta R.T.: 0.001 min
Response: 2594740
Conc: 19.48 ug/ml



#12 Fluoranthene (C21.85)

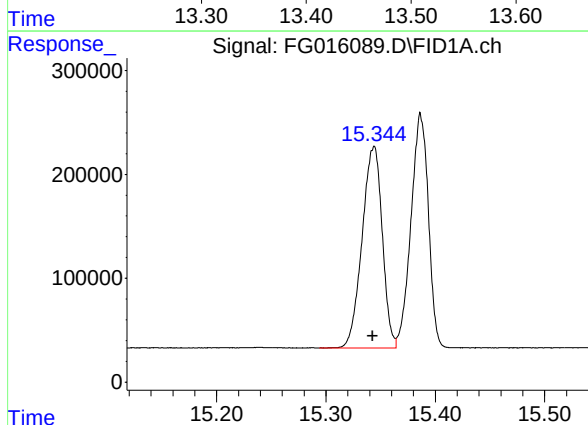
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 2546790
Conc: 19.42 ug/ml



#13 Pyrene (C20.8)

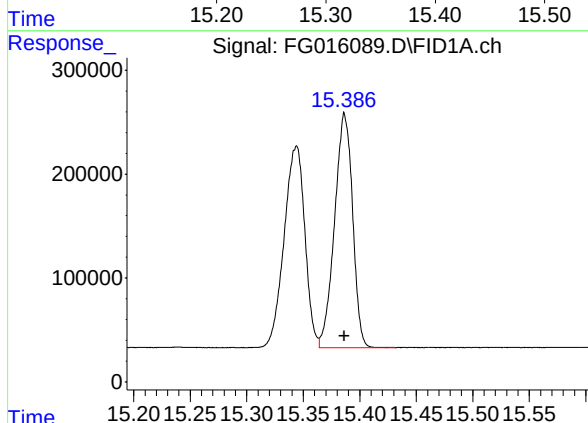
R.T.: 13.454 min
Delta R.T.: 0.001 min
Response: 2522040
Conc: 19.42 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



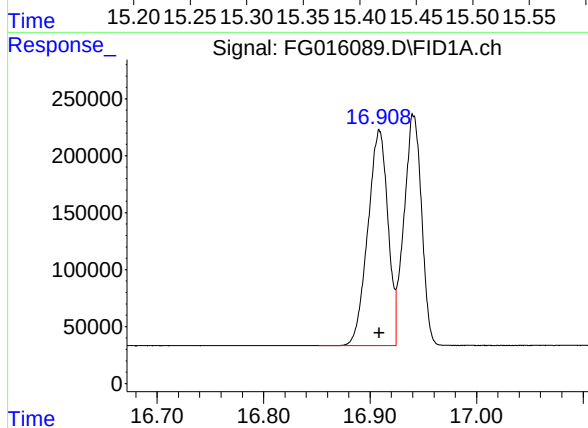
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.344 min
Delta R.T.: 0.000 min
Response: 2479497
Conc: 19.37 ug/ml



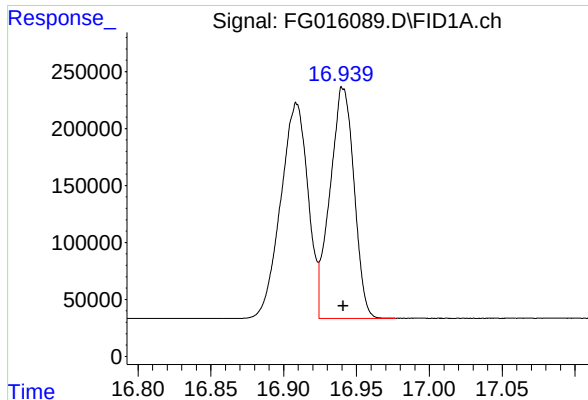
#15 Chrysene (C27.41)

R.T.: 15.387 min
Delta R.T.: 0.000 min
Response: 2499597
Conc: 19.37 ug/ml



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

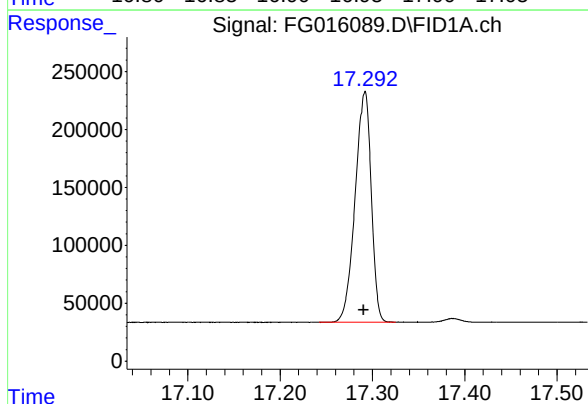
R.T.: 16.909 min
Delta R.T.: 0.000 min
Response: 2474600
Conc: 19.32 ug/ml



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

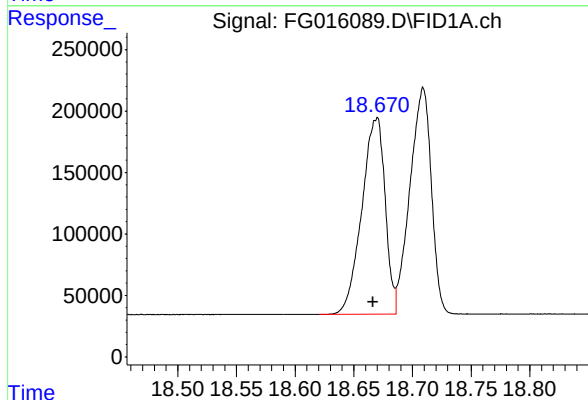
R.T.: 16.941 min
Delta R.T.: 0.000 min
Response: 2330996
Conc: 19.40 ug/ml

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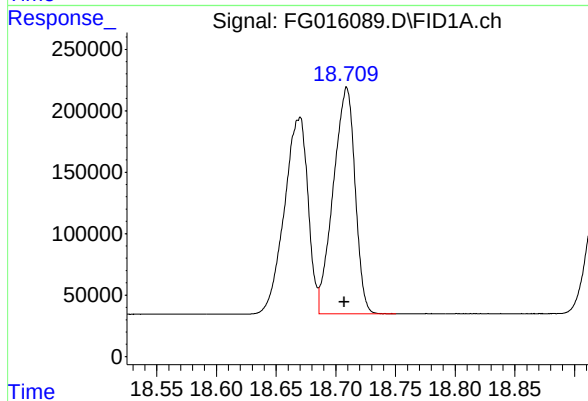
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.291 min
Delta R.T.: 0.000 min
Response: 2413714
Conc: 19.37 ug/ml



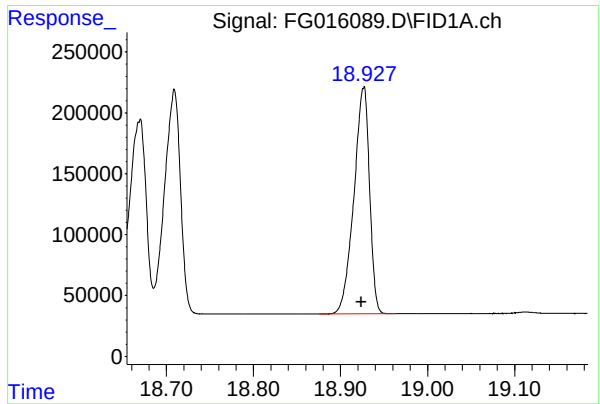
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.669 min
Delta R.T.: 0.003 min
Response: 2211726
Conc: 19.23 ug/ml



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

R.T.: 18.709 min
Delta R.T.: 0.002 min
Response: 2339878
Conc: 19.38 ug/ml



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

R.T.: 18.926 min

Delta R.T.: 0.002 min

Response: 2322331

Conc: 19.45 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD