

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
 Data File : FG015572.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 12:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 29 03:12:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.961	2370617	19.407 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
6) S 2-Fluorobiphenyl (SURR)	8.840	1603468	19.399 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.80%
11) S ortho-Terphenyl (SURR)	11.914	2788832	19.124 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.549	2588164	19.476 ug/ml
2) T Naphthalene (C11.7)	6.229	2624032	19.422 ug/ml
3) T 2-Methylnaphthalene (...)	7.332	2592791	19.437 ug/ml
5) T Acenaphthylene (C15.06)	8.637	2737327	19.327 ug/ml
7) T Acenaphthene (C15.5)	8.939	2690334	19.719 ug/ml
8) T Fluorene (C16.55)	9.732	2665707	19.095 ug/ml
9) T Phenanthrene (C19.36)	11.144	2579450	18.309 ug/ml
10) T Anthracene (C19.43)	11.219	2500375	18.272 ug/ml
12) T Fluoranthene (C21.85)	12.972	2602282	18.248 ug/ml
13) T Pyrene (C20.8)	13.271	2592303	18.475 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2302617	16.977 ug/ml
15) T Chrysene (C27.41)	15.201	2651436	18.940 ug/ml
16) T benzo[b]fluoranthene ...	16.723	2271184	17.188 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	2603402	19.067 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.105	2259310	18.017 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.482	1962782	17.641 ug/ml
20) T Dibenz[a,h]anthracene...	18.519	2691617	20.917 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	2324985	19.457 ug/ml

(f)=RT Delta > 1/2 Window

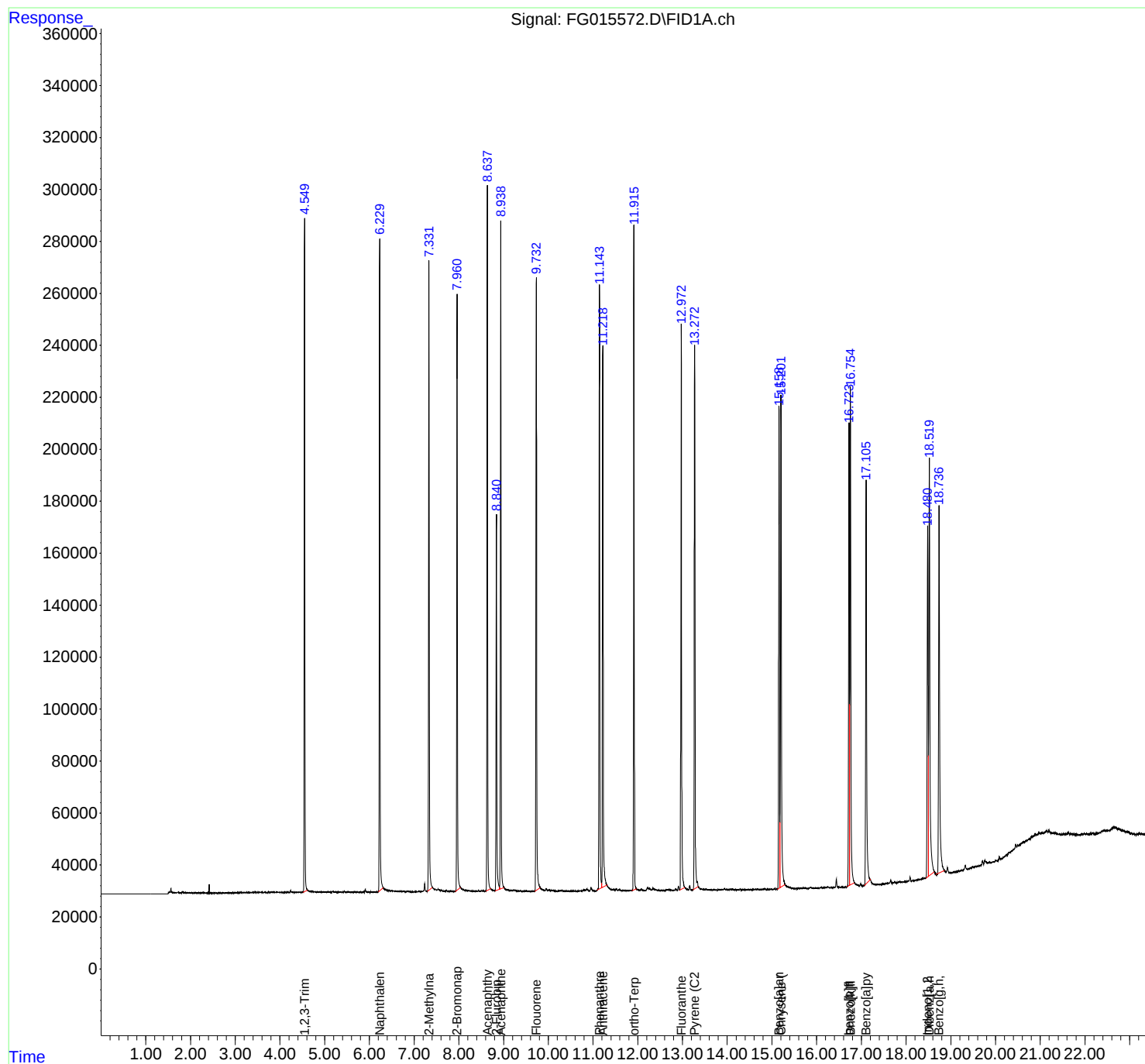
(m)=manual int.

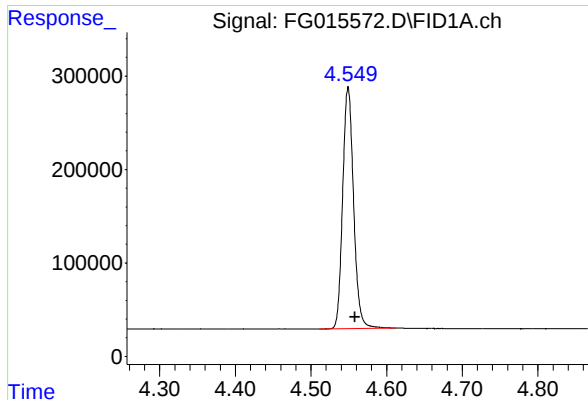
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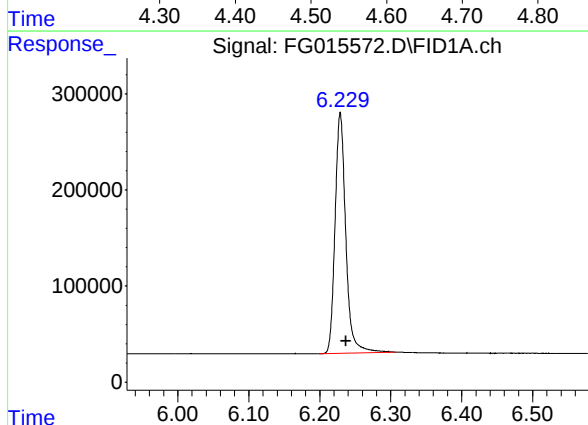




#1 1,2,3-Trimethylbenzene (C10.1)

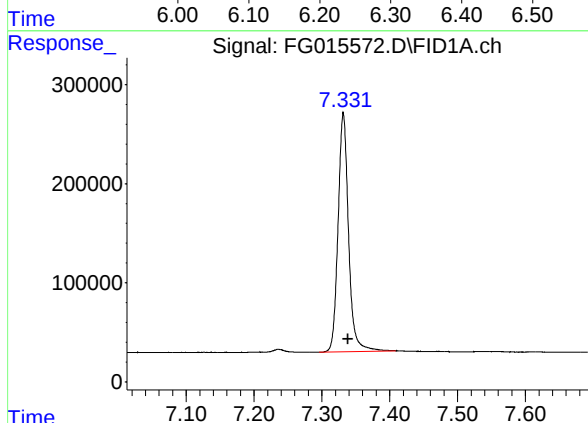
R.T.: 4.549 min
Delta R.T.: -0.009 min
Response: 2588164
Conc: 19.48 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



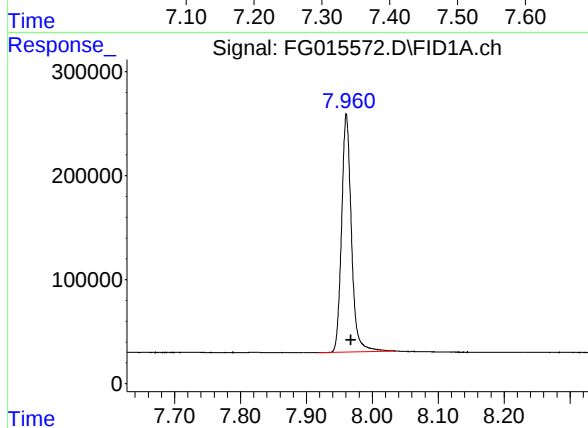
#2 Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.008 min
Response: 2624032
Conc: 19.42 ug/ml



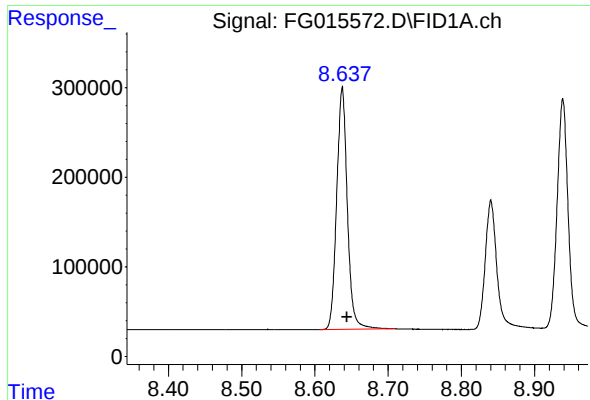
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 2592791
Conc: 19.44 ug/ml



#4 2-Bromonaphthalene (SURR)

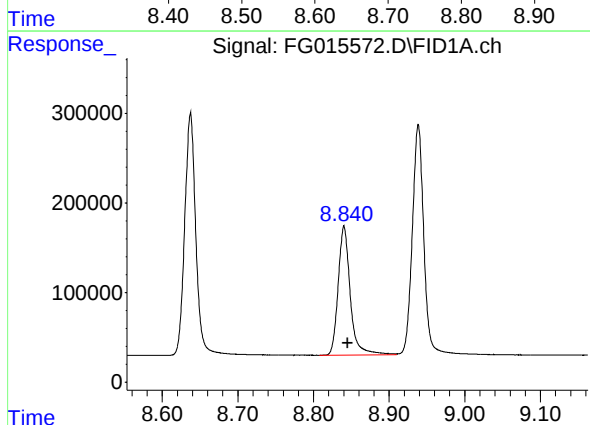
R.T.: 7.961 min
Delta R.T.: -0.007 min
Response: 2370617
Conc: 19.41 ug/ml



#5 Acenaphthylene (C15.06)

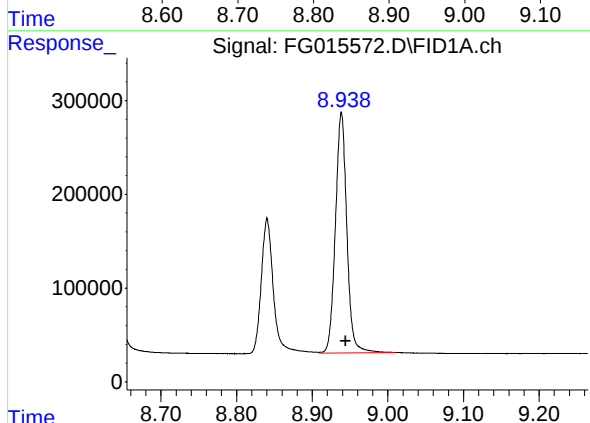
R.T.: 8.637 min
Delta R.T.: -0.006 min
Response: 2737327
Conc: 19.33 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



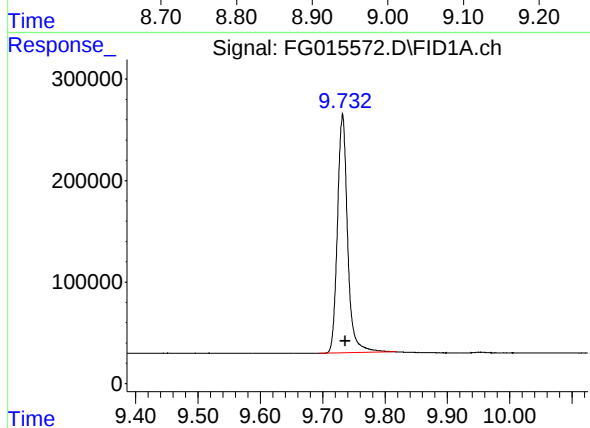
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.840 min
Delta R.T.: -0.005 min
Response: 1603468
Conc: 19.40 ug/ml



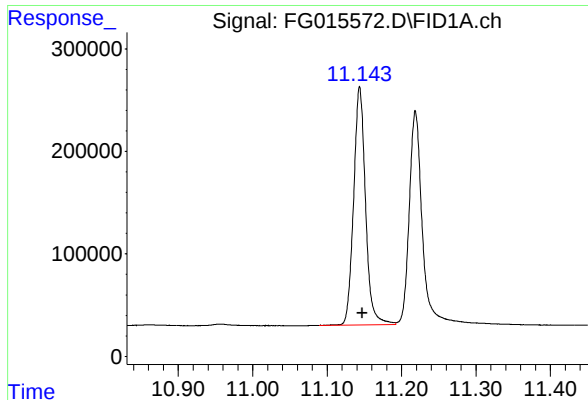
#7 Acenaphthene (C15.5)

R.T.: 8.939 min
Delta R.T.: -0.006 min
Response: 2690334
Conc: 19.72 ug/ml



#8 Fluorene (C16.55)

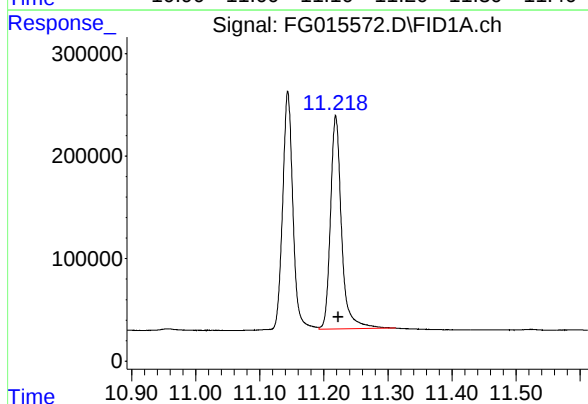
R.T.: 9.732 min
Delta R.T.: -0.005 min
Response: 2665707
Conc: 19.09 ug/ml



#9 Phenanthrene (C19.36)

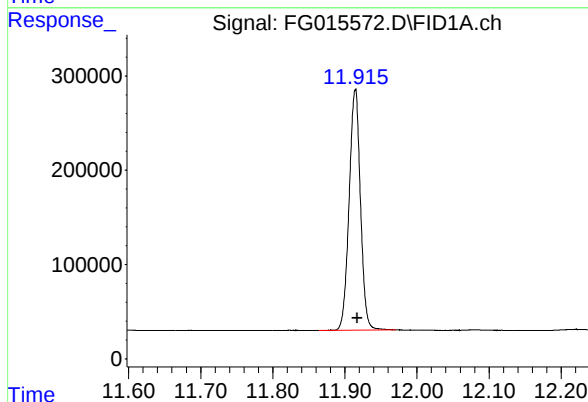
R.T.: 11.144 min
Delta R.T.: -0.003 min
Response: 2579450
Conc: 18.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



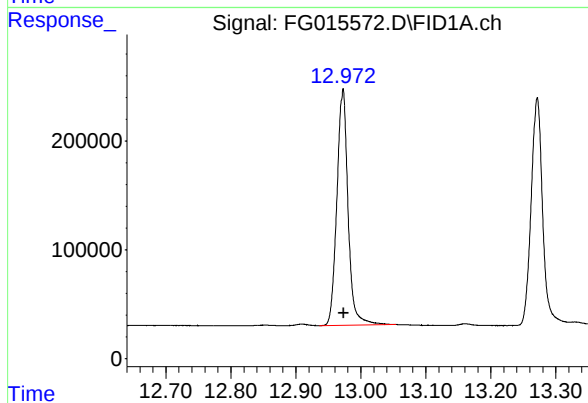
#10 Anthracene (C19.43)

R.T.: 11.219 min
Delta R.T.: -0.004 min
Response: 2500375
Conc: 18.27 ug/ml



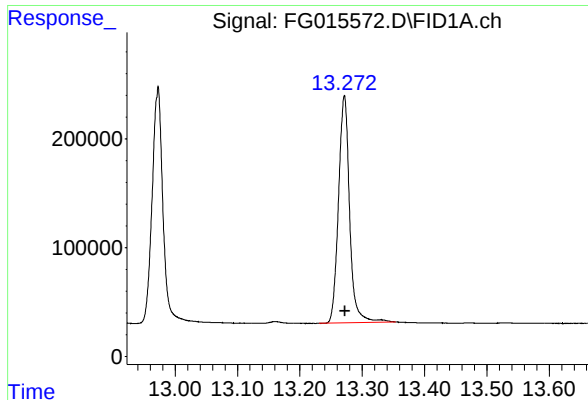
#11 ortho-Terphenyl (SURR)

R.T.: 11.914 min
Delta R.T.: -0.003 min
Response: 2788832
Conc: 19.12 ug/ml



#12 Fluoranthene (C21.85)

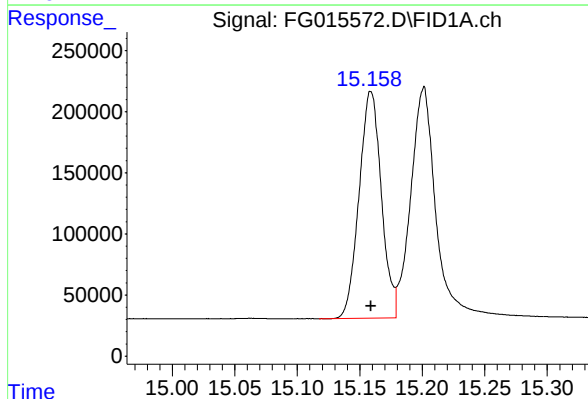
R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 2602282
Conc: 18.25 ug/ml



#13 Pyrene (C20.8)

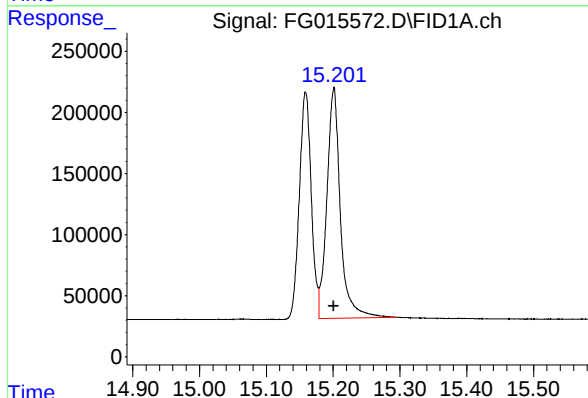
R.T.: 13.271 min
Delta R.T.: -0.001 min
Response: 2592303
Conc: 18.48 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



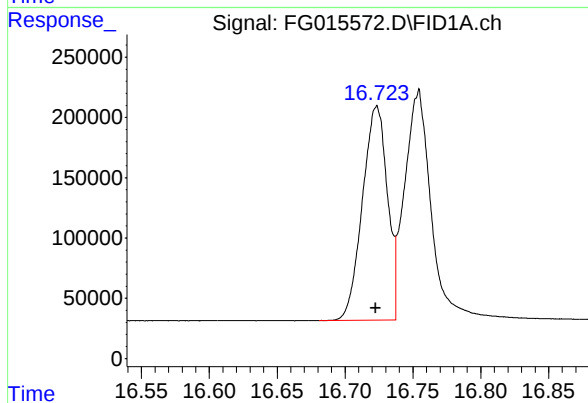
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 2302617
Conc: 16.98 ug/ml



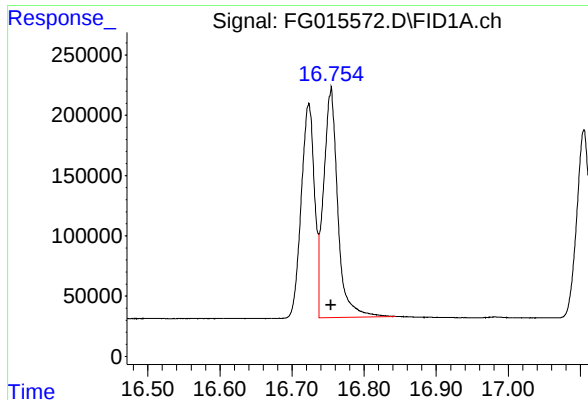
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2651436
Conc: 18.94 ug/ml



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

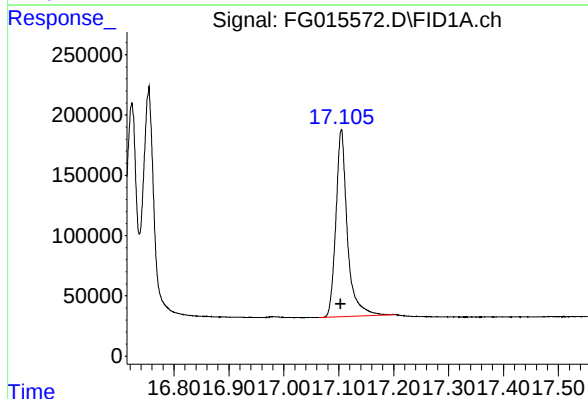
R.T.: 16.723 min
Delta R.T.: 0.000 min
Response: 2271184
Conc: 17.19 ug/ml



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

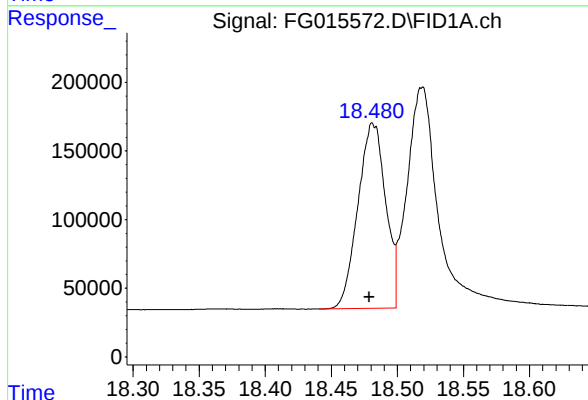
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 2603402
Conc: 19.07 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



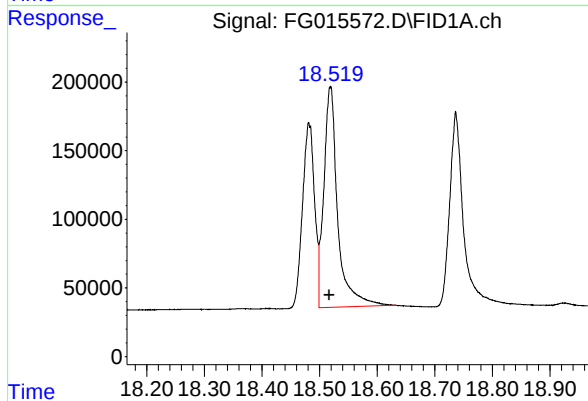
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.105 min
Delta R.T.: 0.002 min
Response: 2259310
Conc: 18.02 ug/ml



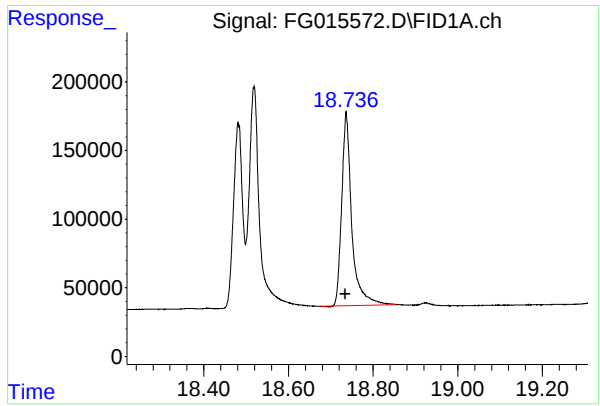
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.482 min
Delta R.T.: 0.003 min
Response: 1962782
Conc: 17.64 ug/ml



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

R.T.: 18.519 min
Delta R.T.: 0.002 min
Response: 2691617
Conc: 20.92 ug/ml



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

R.T.: 18.737 min
Delta R.T.: 0.002 min
Response: 2324985
Conc: 19.46 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD