

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015512.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 11:24
 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: Mar 21 01:00:10 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...	7.967	2491094	20.393 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
6) S 2-Fluorobiphenyl (SURR)	8.844	1692858	20.481 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.96%
11) S ortho-Terphenyl (SURR)	11.917	2965757	20.337 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557	2698301	20.305 ug/ml
2) T Naphthalene (C11.7)	6.236	2778271	20.564 ug/ml
3) T 2-Methylnaphthalene (...)	7.337	2724131	20.422 ug/ml
5) T Acenaphthylene (C15.06)	8.643	2874916	20.299 ug/ml
7) T Acenaphthene (C15.5)	8.943	2794214	20.480 ug/ml
8) T Fluorene (C16.55)	9.736	2851093	20.423 ug/ml
9) T Phenanthrene (C19.36)	11.146	2826333	20.062 ug/ml
10) T Anthracene (C19.43)	11.222	2677924	19.570 ug/ml
12) T Fluoranthene (C21.85)	12.973	2915055	20.441 ug/ml
13) T Pyrene (C20.8)	13.272	2935302	20.920 ug/ml
14) T Benzo[a]anthracene (C...	15.157	2794370	20.603 ug/ml
15) T Chrysene (C27.41)	15.200	2876953	20.551 ug/ml
16) T benzo[b]fluoranthene ...	16.721	2780939	21.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.753	2819278	20.648 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.102	2604499	20.769 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.477	2280495	20.497 ug/ml
20) T Dibenz[a,h]anthracene...	18.515	2728994	21.207 ug/ml
21) T Benzo[g,h,i]perylene ...	18.732	2497032	20.897 ug/ml

(f)=RT Delta > 1/2 Window

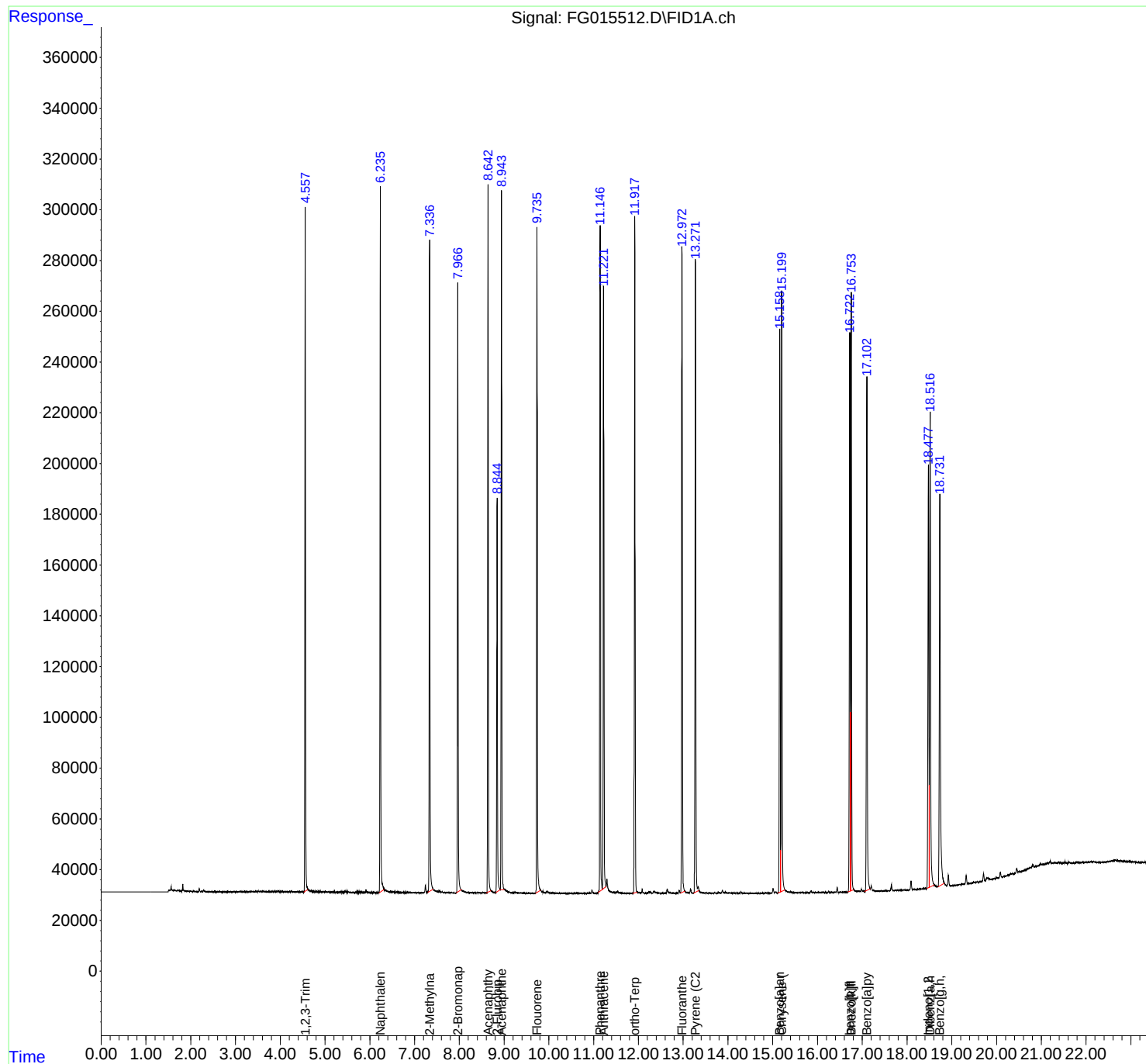
(m)=manual int.

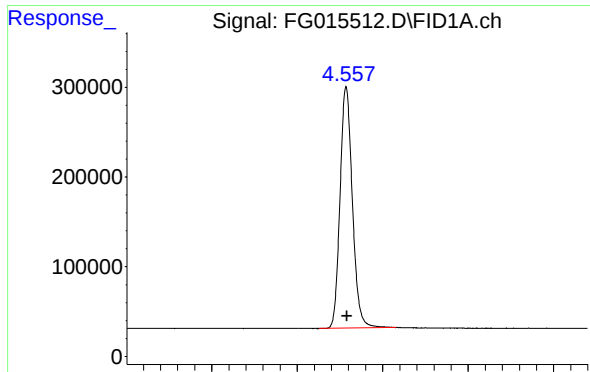
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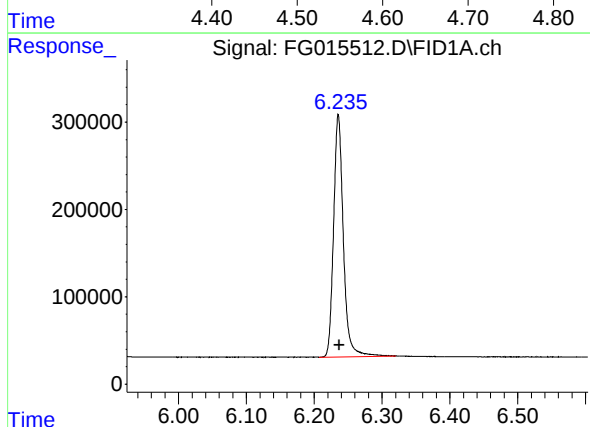




#1 1,2,3-Trimethylbenzene (C10.1)

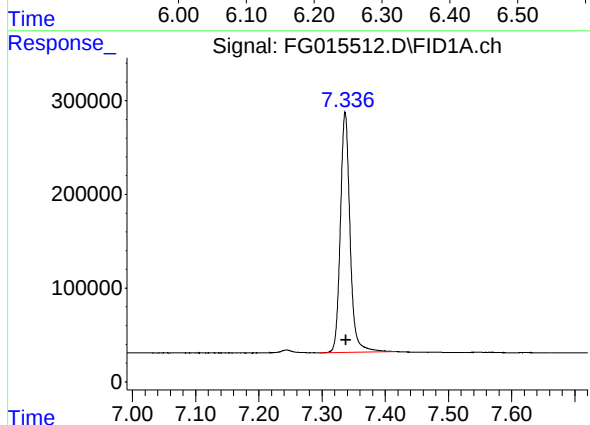
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 2698301
Conc: 20.31 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



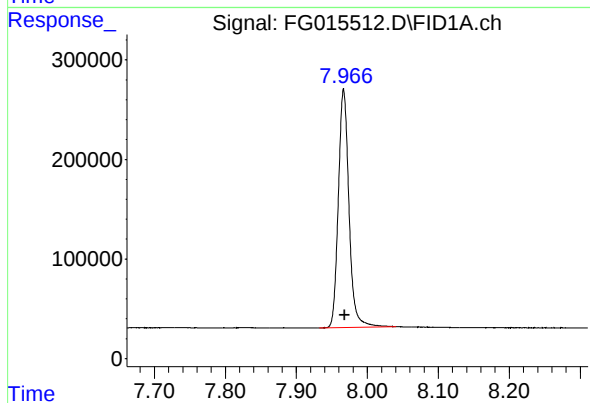
#2 Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 2778271
Conc: 20.56 ug/ml



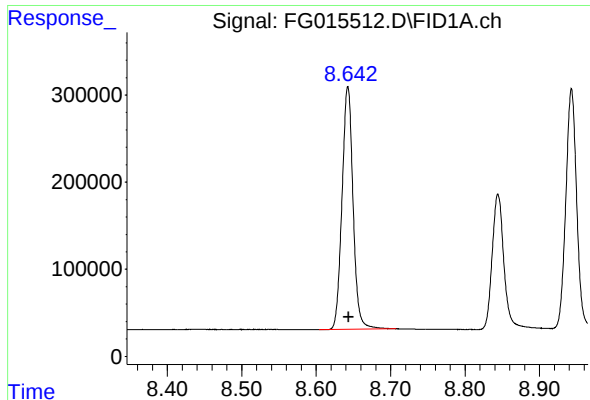
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: -0.001 min
Response: 2724131
Conc: 20.42 ug/ml



#4 2-Bromonaphthalene (SURR)

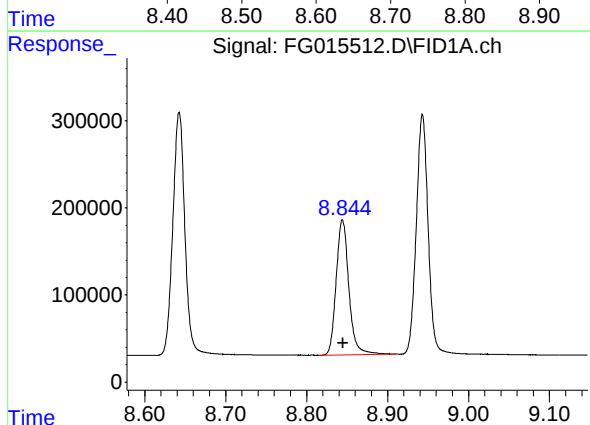
R.T.: 7.967 min
Delta R.T.: -0.001 min
Response: 2491094
Conc: 20.39 ug/ml



#5 Acenaphthylene (C15.06)

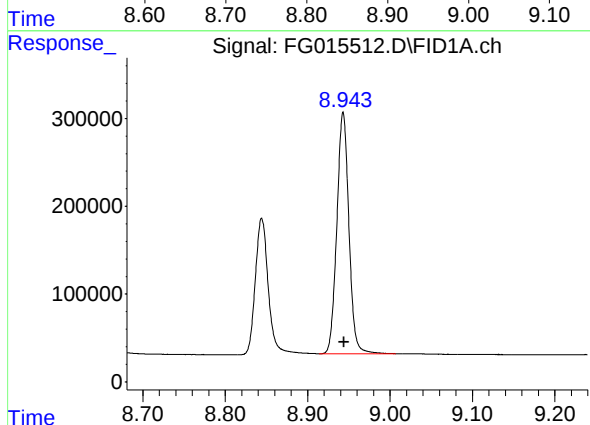
R.T.: 8.643 min
Delta R.T.: -0.001 min
Response: 2874916
Conc: 20.30 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



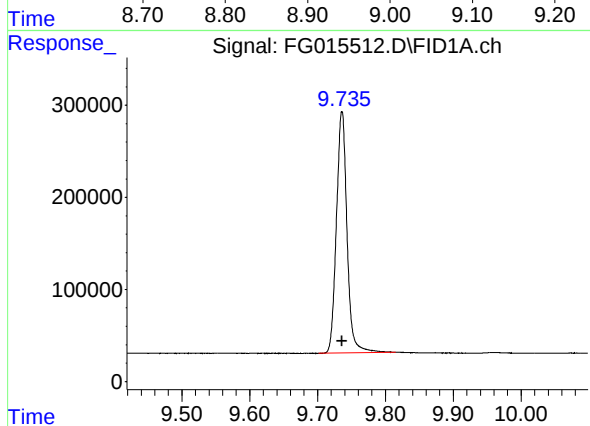
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 1692858
Conc: 20.48 ug/ml



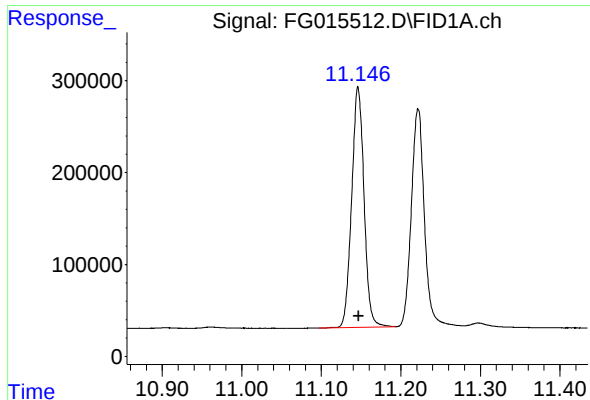
#7 Acenaphthene (C15.5)

R.T.: 8.943 min
Delta R.T.: -0.001 min
Response: 2794214
Conc: 20.48 ug/ml



#8 Fluorene (C16.55)

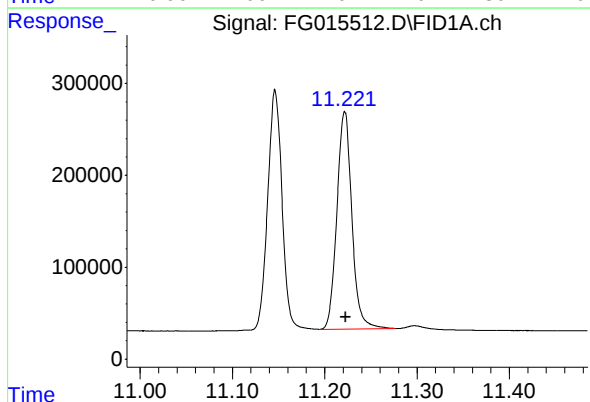
R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 2851093
Conc: 20.42 ug/ml



#9 Phenanthrene (C19.36)

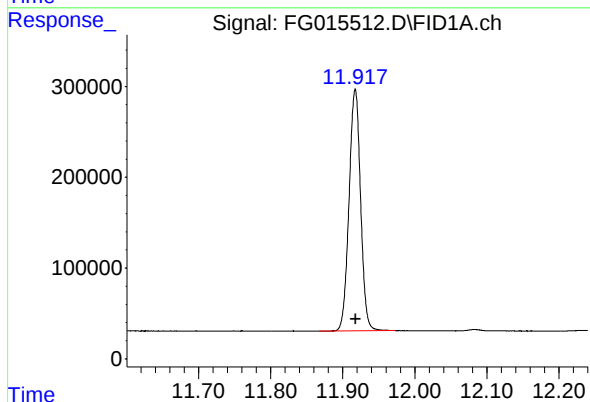
R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 2826333
Conc: 20.06 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



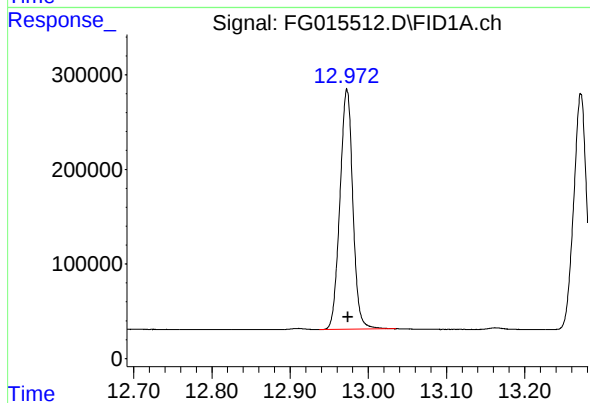
#10 Anthracene (C19.43)

R.T.: 11.222 min
Delta R.T.: -0.001 min
Response: 2677924
Conc: 19.57 ug/ml



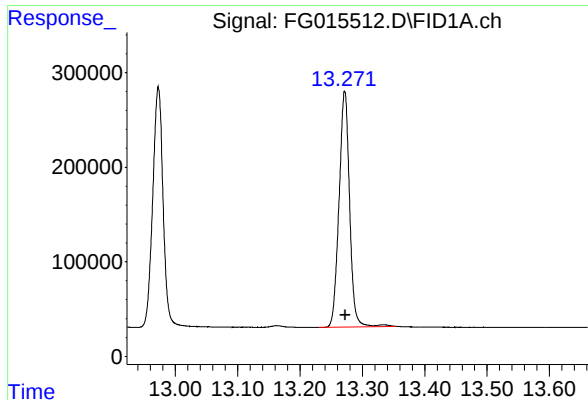
#11 ortho-Terphenyl (SURRE)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 2965757
Conc: 20.34 ug/ml



#12 Fluoranthene (C21.85)

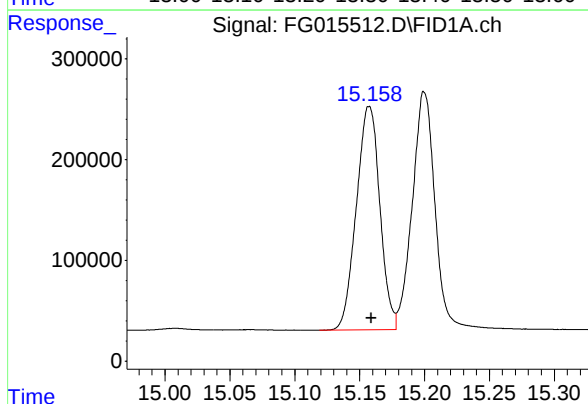
R.T.: 12.973 min
Delta R.T.: -0.001 min
Response: 2915055
Conc: 20.44 ug/ml



#13 Pyrene (C20.8)

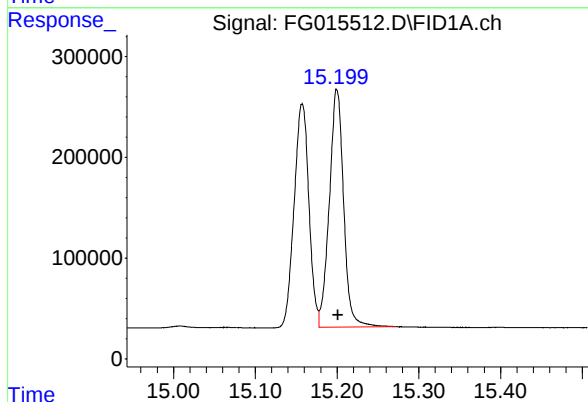
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 2935302
Conc: 20.92 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



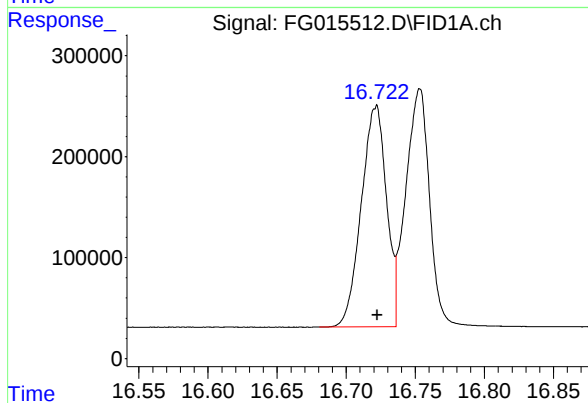
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: -0.002 min
Response: 2794370
Conc: 20.60 ug/ml



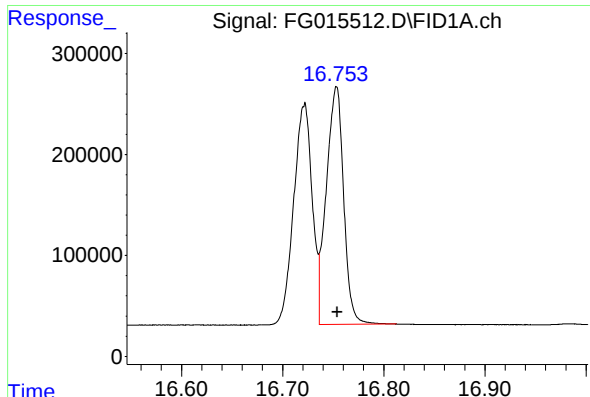
#15 Chrysene (C27.41)

R.T.: 15.200 min
Delta R.T.: -0.001 min
Response: 2876953
Conc: 20.55 ug/ml



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

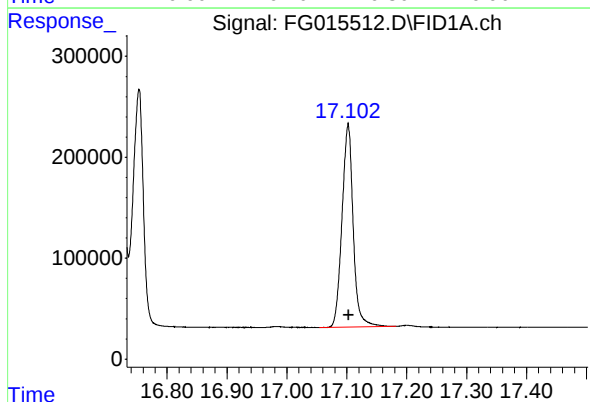
R.T.: 16.721 min
Delta R.T.: -0.001 min
Response: 2780939
Conc: 21.05 ug/ml



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

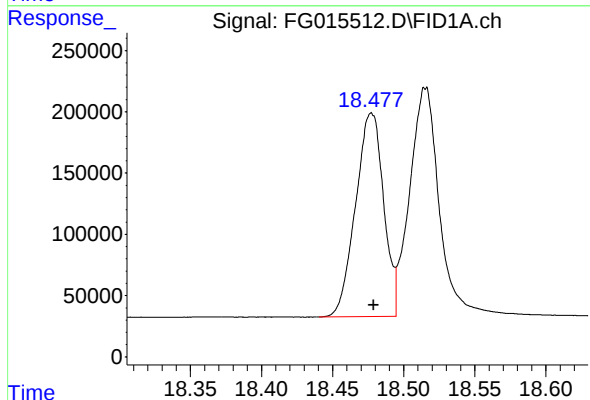
R.T.: 16.753 min
Delta R.T.: -0.001 min
Response: 2819278
Conc: 20.65 ug/ml

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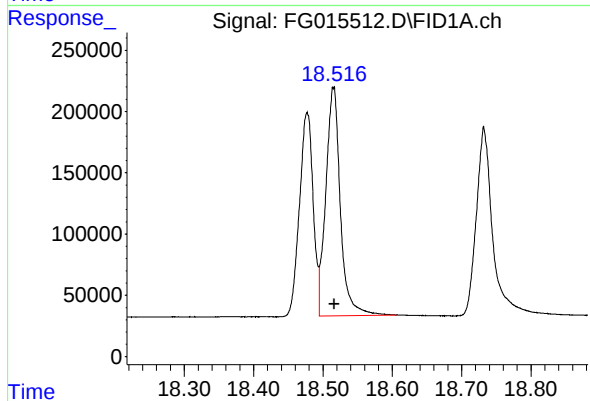
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.102 min
Delta R.T.: -0.001 min
Response: 2604499
Conc: 20.77 ug/ml



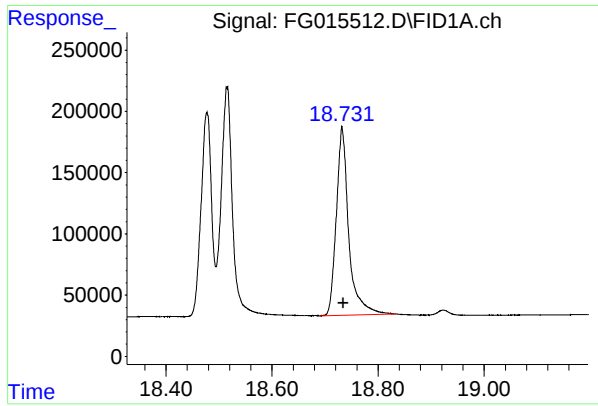
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.477 min
Delta R.T.: -0.002 min
Response: 2280495
Conc: 20.50 ug/ml



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

R.T.: 18.515 min
Delta R.T.: -0.002 min
Response: 2728994
Conc: 21.21 ug/ml



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

R.T.: 18.732 min

Delta R.T.: -0.002 min

Response: 2497032

Conc: 20.90 ug/ml

Instrument :

FID_G

ClientSampleId :

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