

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015530.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 23:47
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 21 01:02:19 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	2615120	21.408 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
6) S 2-Fluorobiphenyl (SURR)	8.844	1793583	21.699 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.40%
11) S ortho-Terphenyl (SURR)	11.917	3079133	21.115 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.556	2827907	21.281 ug/ml
2) T Naphthalene (C11.7)	6.235	2907847	21.523 ug/ml
3) T 2-Methylnaphthalene (...)	7.337	2867971	21.500 ug/ml
5) T Acenaphthylene (C15.06)	8.643	3020234	21.325 ug/ml
7) T Acenaphthene (C15.5)	8.943	2951127	21.631 ug/ml
8) T Flouorene (C16.55)	9.736	2991922	21.432 ug/ml
9) T Phenanthrene (C19.36)	11.146	2930713	20.802 ug/ml
10) T Anthracene (C19.43)	11.222	2884236	21.077 ug/ml
12) T Fluoranthene (C21.85)	12.974	2967130	20.807 ug/ml
13) T Pyrene (C20.8)	13.272	2971285	21.176 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2724111	20.085 ug/ml
15) T Chrysene (C27.41)	15.201	2969916	21.215 ug/ml
16) T benzo[b]fluoranthene ...	16.722	2600927	19.683 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	2842586	20.819 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.104	2522982	20.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.480	2154015	19.360 ug/ml
20) T Dibenz[a,h]anthracene...	18.518	2775537	21.569 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	2449627	20.500 ug/ml

(f)=RT Delta > 1/2 Window

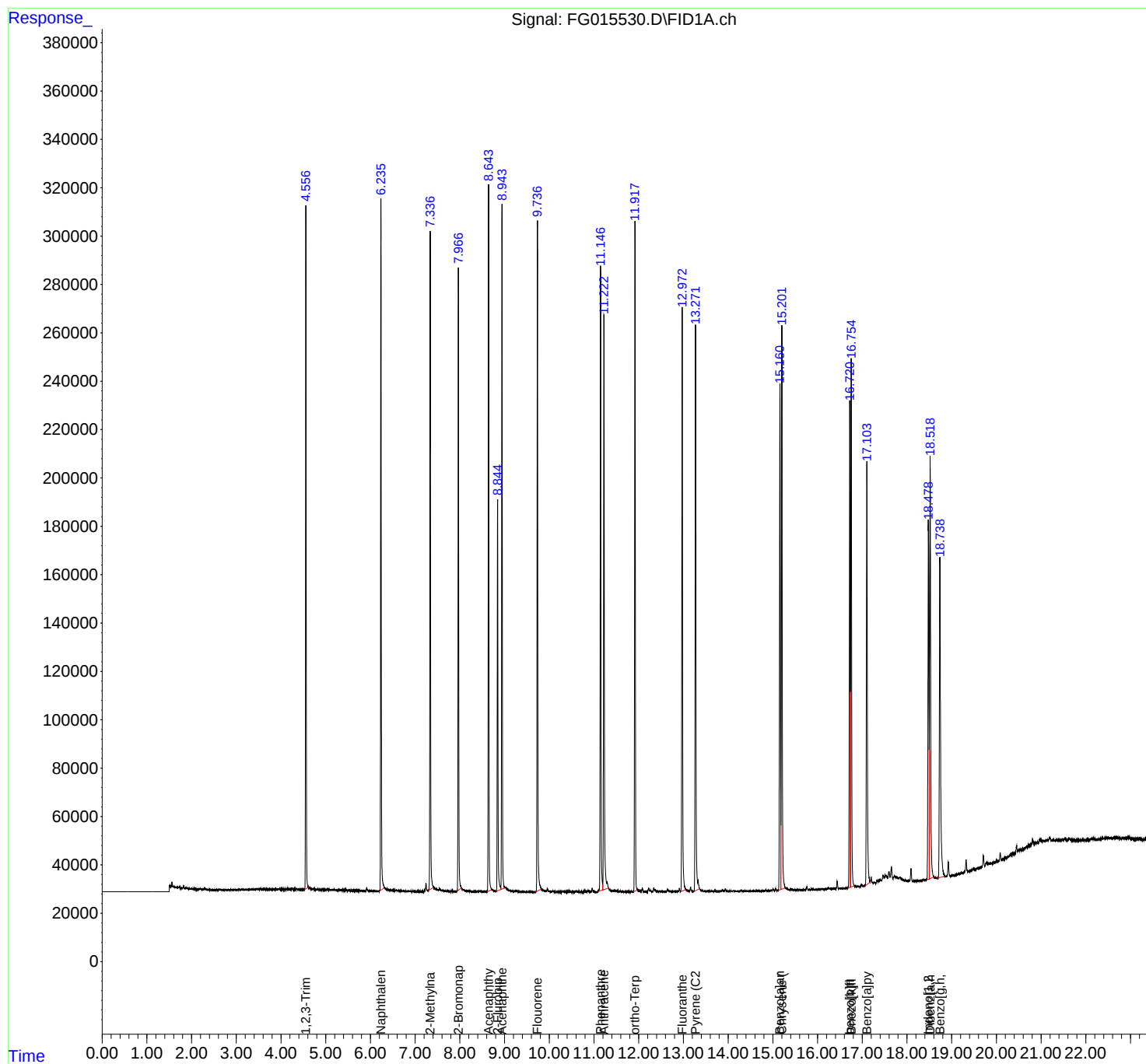
(m)=manual int.

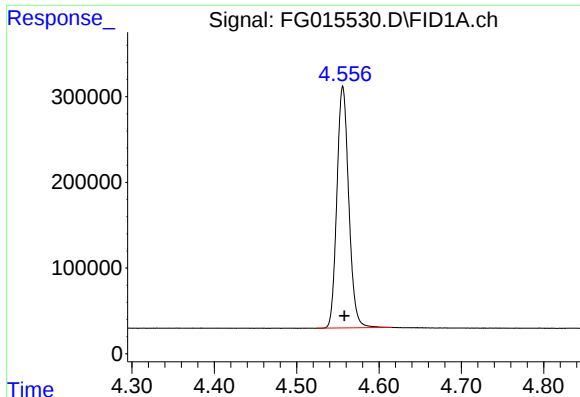
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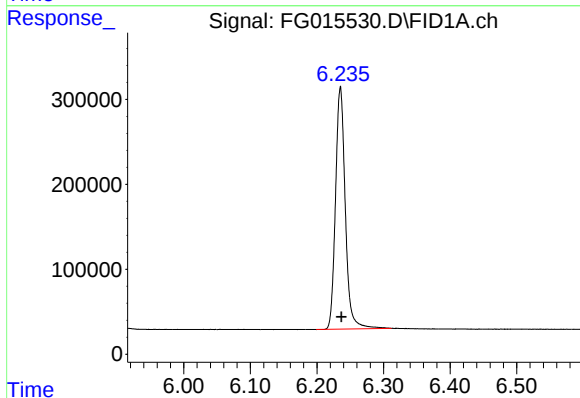




#1 1,2,3-Trimethylbenzene (C10.1)

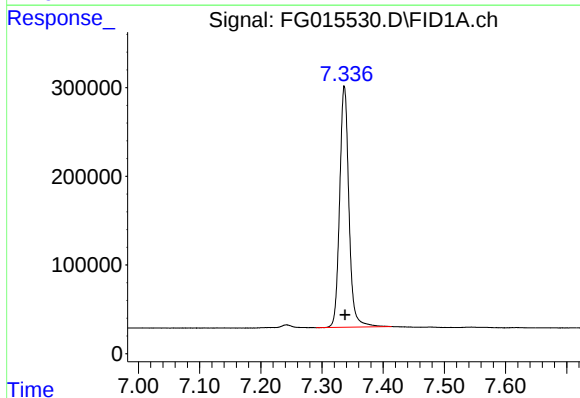
R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 2827907
Conc: 21.28 ug/ml

Instrument :
FID_G
ClientSampleId :



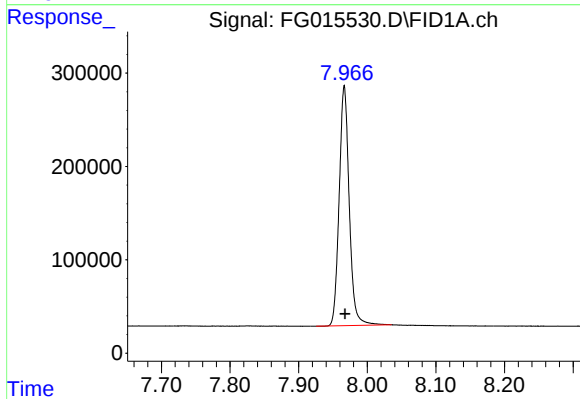
#2 Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.002 min
Response: 2907847
Conc: 21.52 ug/ml



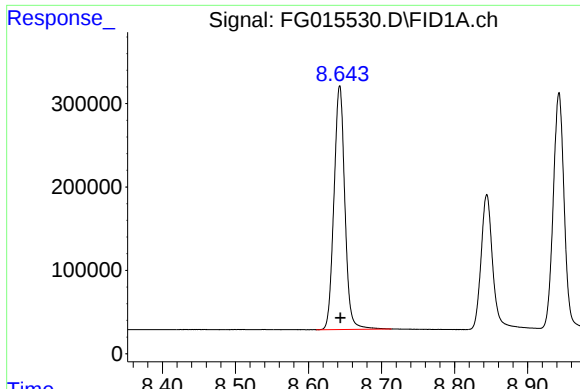
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 2867971
Conc: 21.50 ug/ml



#4 2-Bromonaphthalene (SURR)

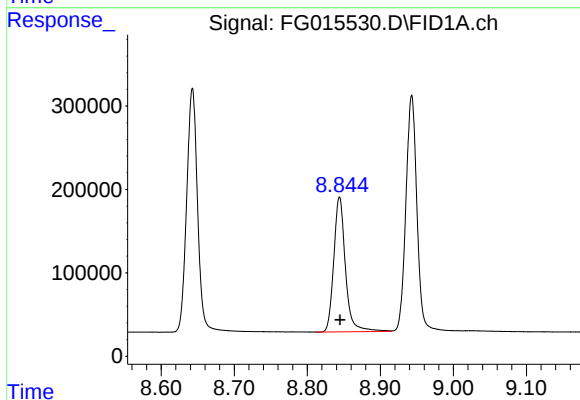
R.T.: 7.967 min
Delta R.T.: -0.001 min
Response: 2615120
Conc: 21.41 ug/ml



#5 Acenaphthylene (C15.06)

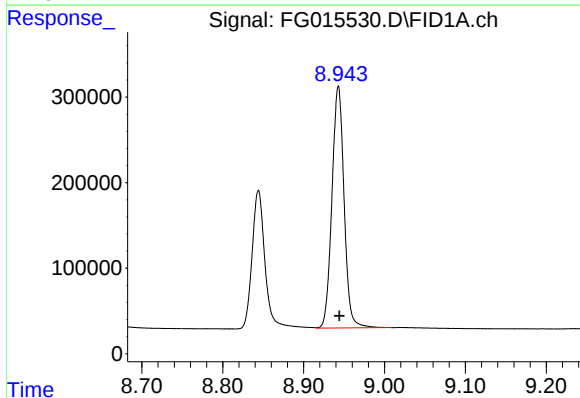
R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 3020234
Conc: 21.32 ug/ml

Instrument :
FID_G
ClientSampleId :



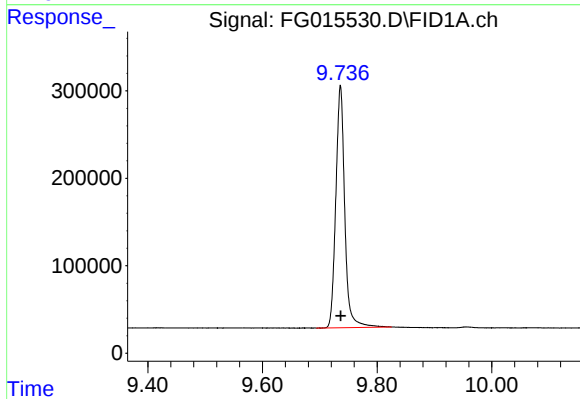
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 1793583
Conc: 21.70 ug/ml



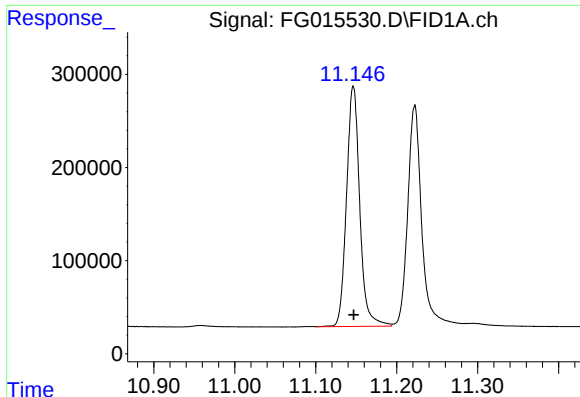
#7 Acenaphthene (C15.5)

R.T.: 8.943 min
Delta R.T.: -0.001 min
Response: 2951127
Conc: 21.63 ug/ml



#8 Flouorene (C16.55)

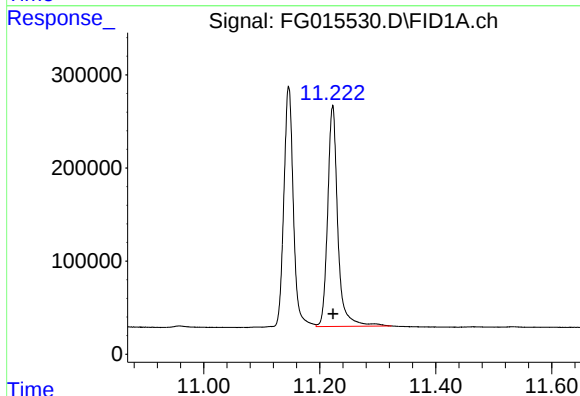
R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 2991922
Conc: 21.43 ug/ml



#9 Phenanthrene (C19.36)

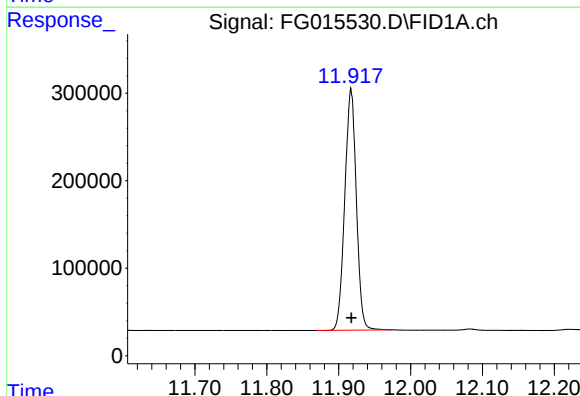
R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 2930713
Conc: 20.80 ug/ml

Instrument :
FID_G
ClientSampleId :



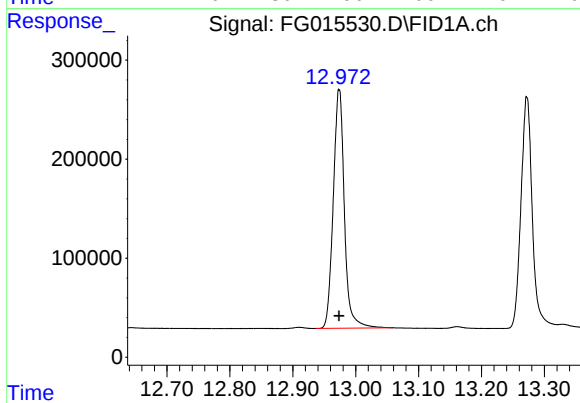
#10 Anthracene (C19.43)

R.T.: 11.222 min
Delta R.T.: 0.000 min
Response: 2884236
Conc: 21.08 ug/ml



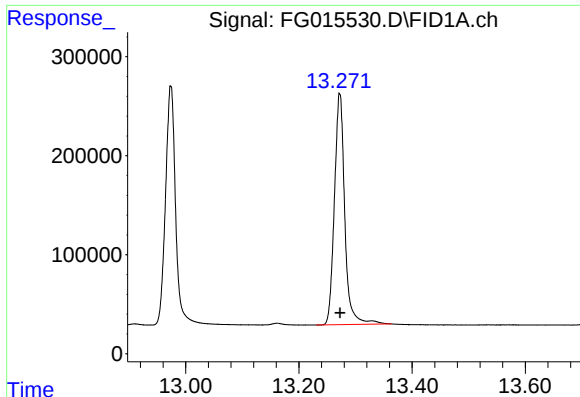
#11 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 3079133
Conc: 21.11 ug/ml



#12 Fluoranthene (C21.85)

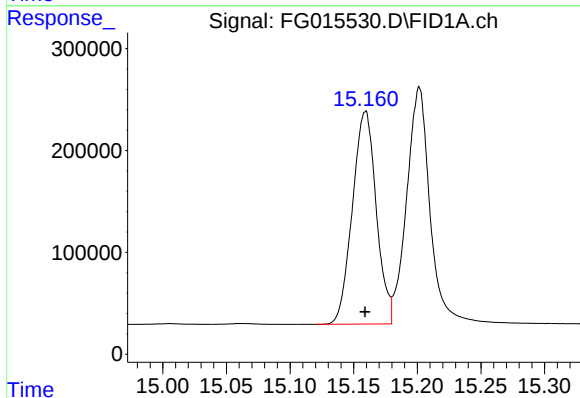
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 2967130
Conc: 20.81 ug/ml



#13 Pyrene (C20.8)

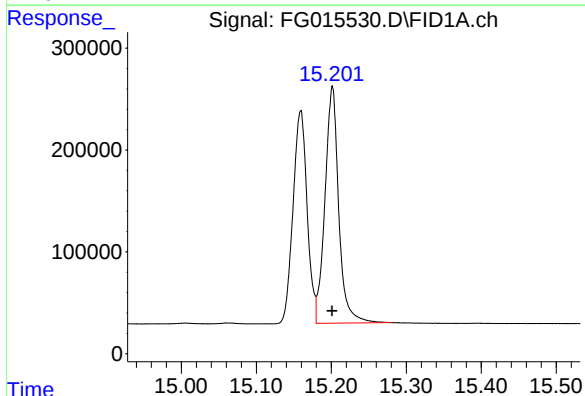
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 2971285
Conc: 21.18 ug/ml

Instrument :
FID_G
ClientSampleId :



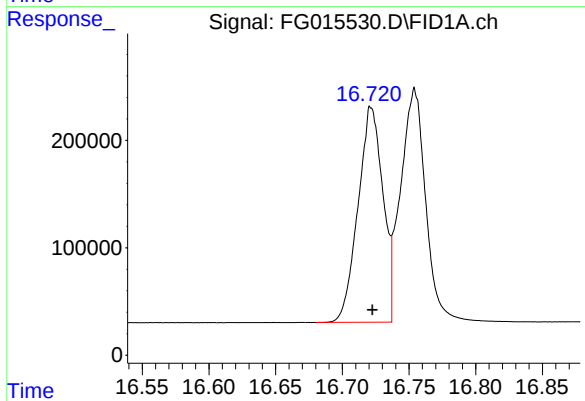
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 2724111
Conc: 20.08 ug/ml



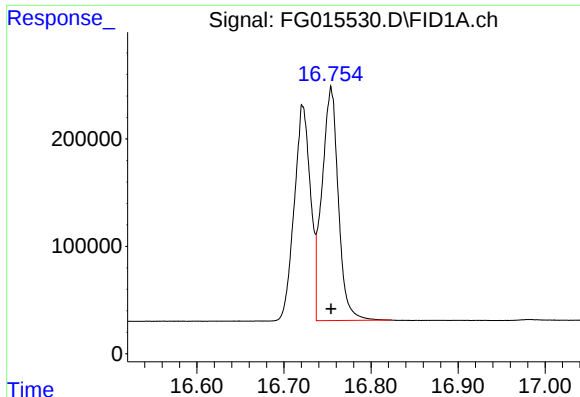
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2969916
Conc: 21.21 ug/ml



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

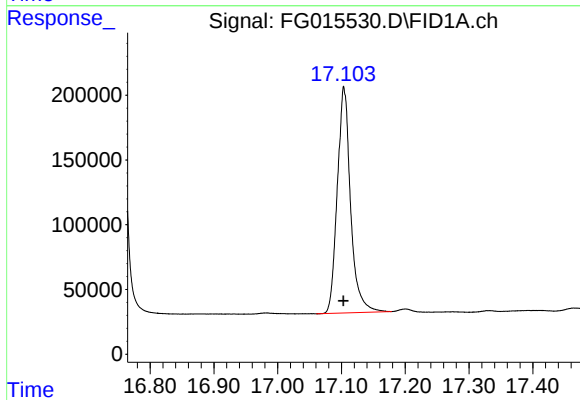
R.T.: 16.722 min
Delta R.T.: 0.000 min
Response: 2600927
Conc: 19.68 ug/ml



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

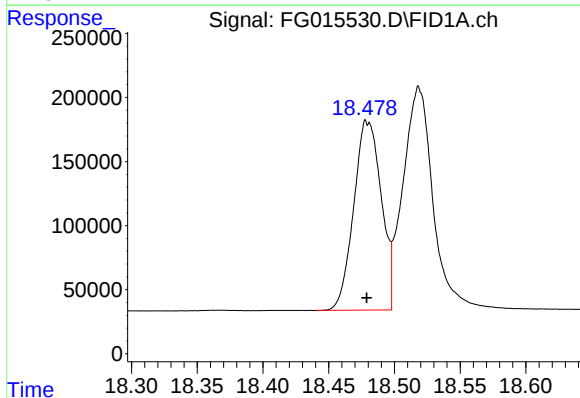
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 2842586
Conc: 20.82 ug/ml

Instrument :
FID_G
ClientSampleId :



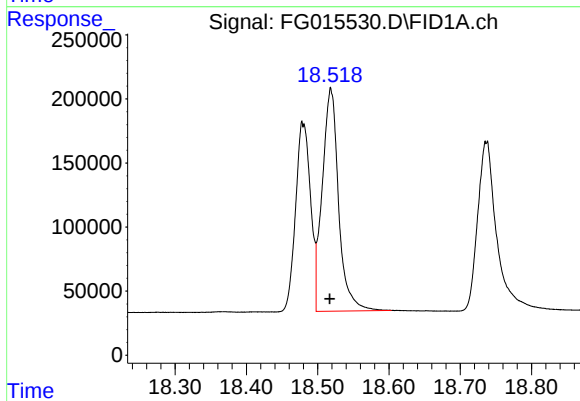
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.104 min
Delta R.T.: 0.001 min
Response: 2522982
Conc: 20.12 ug/ml



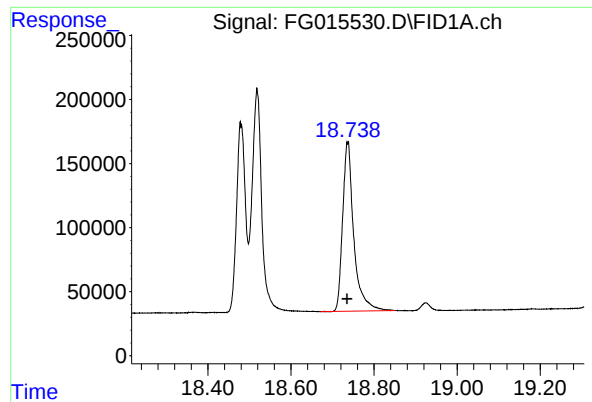
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.480 min
Delta R.T.: 0.000 min
Response: 2154015
Conc: 19.36 ug/ml



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

R.T.: 18.518 min
Delta R.T.: 0.002 min
Response: 2775537
Conc: 21.57 ug/ml



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

R.T.: 18.737 min
Delta R.T.: 0.002 min
Response: 2449627
Conc: 20.50 ug/ml

Instrument :

FID_G

ClientSampleId :