

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022725AR\
 Data File : FG015414.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 13:25
 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: Feb 28 02:24:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:10:05 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...	7.980	2434450	20.738 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
6) S 2-Fluorobiphenyl (SURR)	8.859	1641700	21.050 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.10%
11) S ortho-Terphenyl (SURR)	11.933	2859079	21.235 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.571	2677763	20.502 ug/ml
2) T Naphthalene (C11.7)	6.250	2712117	20.582 ug/ml
3) T 2-Methylnaphthalene (...)	7.352	2655249	20.644 ug/ml
5) T Acenaphthylene (C15.06)	8.658	2769422	20.938 ug/ml
7) T Acenaphthene (C15.5)	8.958	2708700	20.915 ug/ml
8) T Flouorene (C16.55)	9.751	2721301	20.913 ug/ml
9) T Phenanthrene (C19.36)	11.162	2682083	21.129 ug/ml
10) T Anthracene (C19.43)	11.238	2538205	20.693 ug/ml
12) T Fluoranthene (C21.85)	12.990	2706347	21.371 ug/ml
13) T Pyrene (C20.8)	13.290	2684125	21.329 ug/ml
14) T Benzo[a]anthracene (C...	15.176	2552970	20.789 ug/ml
15) T Chrysene (C27.41)	15.219	2619182	20.936 ug/ml
16) T benzo[b]fluoranthene ...	16.740	2685199	20.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	2710182	20.958 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.121	2539971	20.326 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.497	2081377	16.976 ug/ml
20) T Dibenz[a,h]anthracene...	18.534	2405655	17.677 ug/ml
21) T Benzo[g,h,i]perylene ...	18.754	2330317	17.766 ug/ml

(f)=RT Delta > 1/2 Window

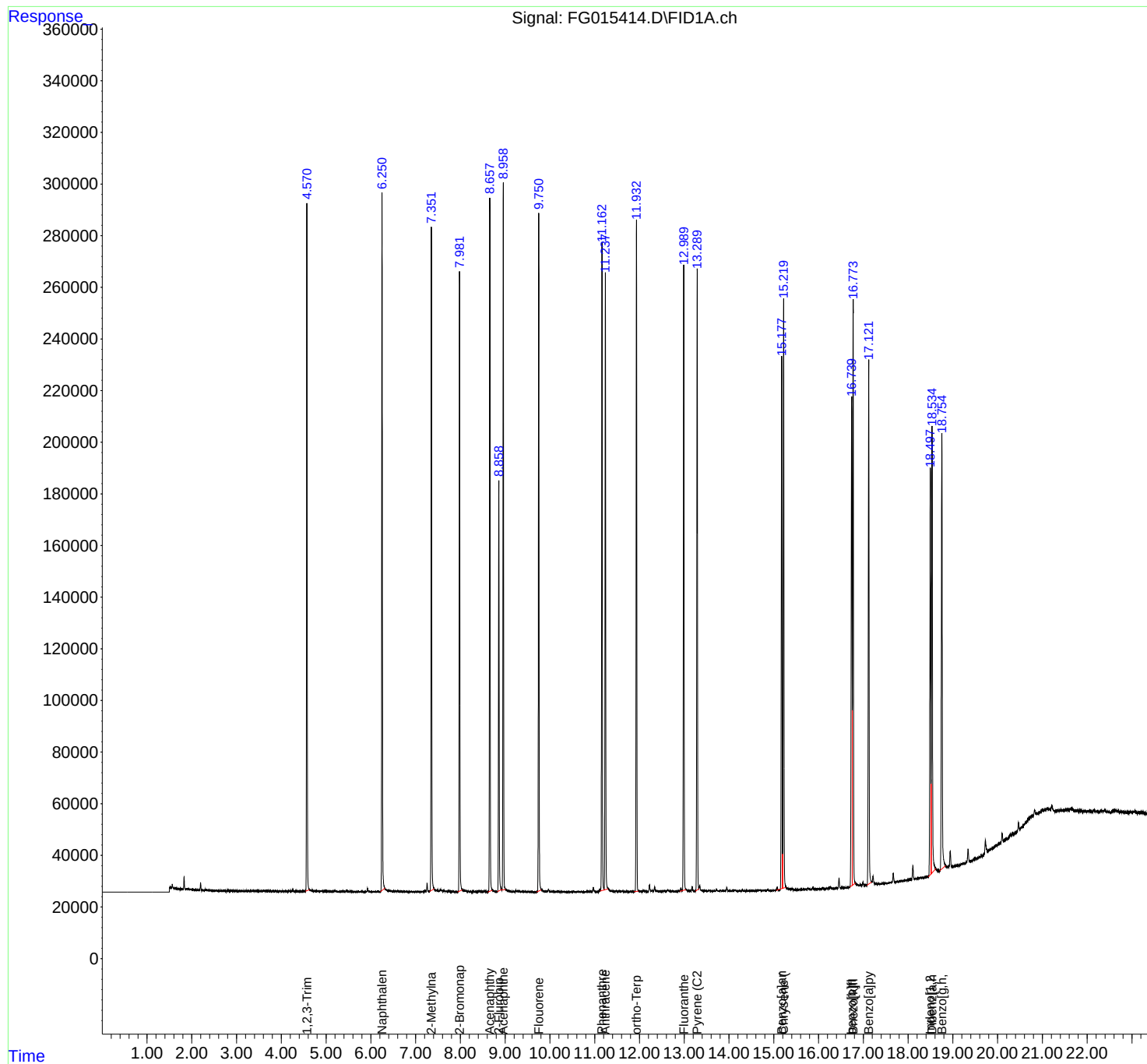
(m)=manual int.

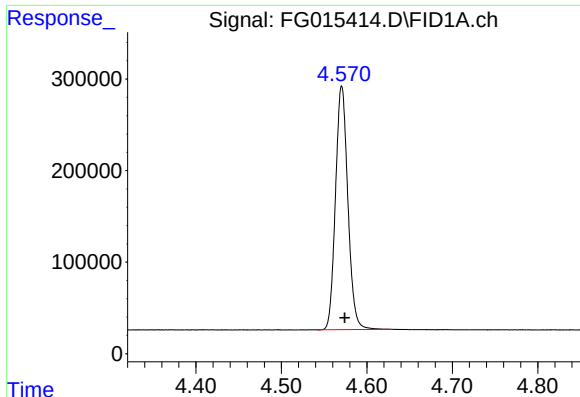
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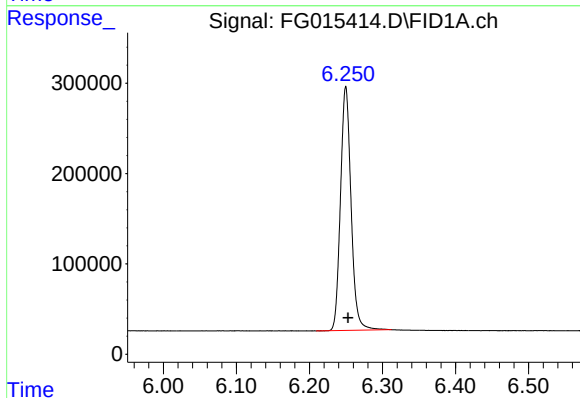




#1 1,2,3-Trimethylbenzene (C10.1)

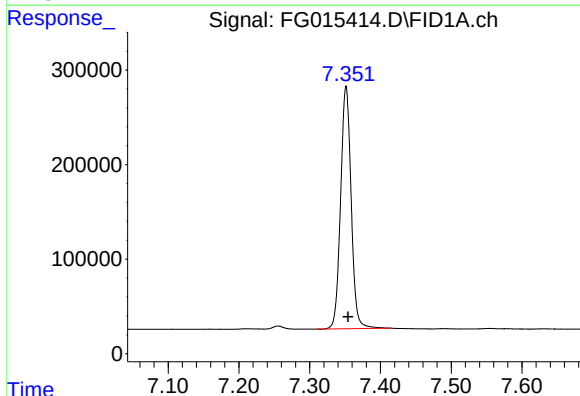
R.T.: 4.571 min
Delta R.T.: -0.003 min
Response: 2677763
Conc: 20.50 ug/ml

Instrument :
FID_G
ClientSampleId :



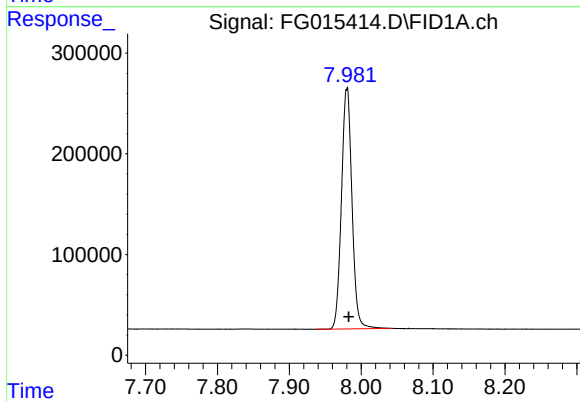
#2 Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 2712117
Conc: 20.58 ug/ml



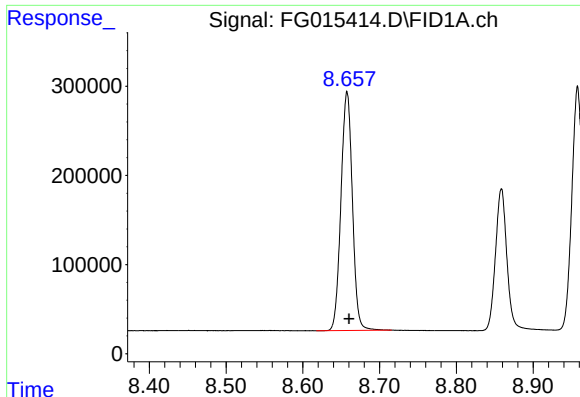
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.352 min
Delta R.T.: -0.003 min
Response: 2655249
Conc: 20.64 ug/ml



#4 2-Bromonaphthalene (SURR)

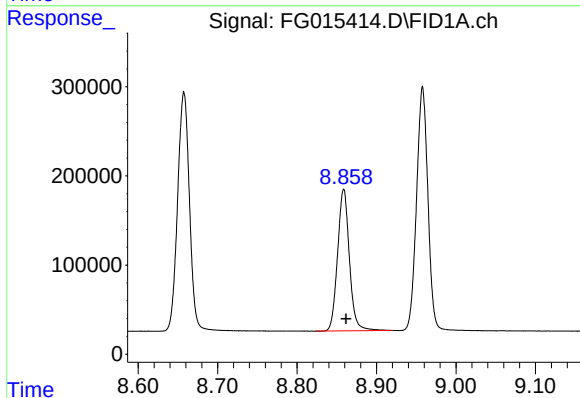
R.T.: 7.980 min
Delta R.T.: -0.002 min
Response: 2434450
Conc: 20.74 ug/ml



#5 Acenaphthylene (C15.06)

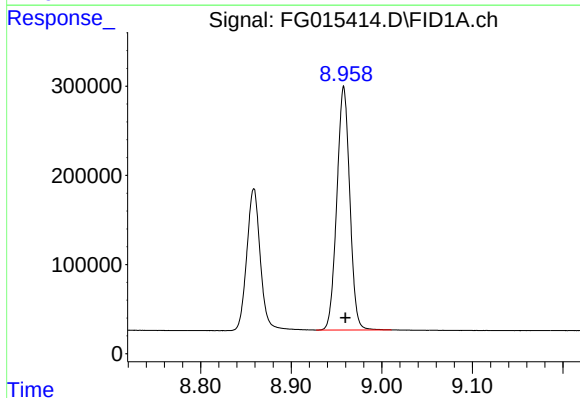
R.T.: 8.658 min
Delta R.T.: -0.002 min
Response: 2769422
Conc: 20.94 ug/ml

Instrument :
FID_G
ClientSampleId :



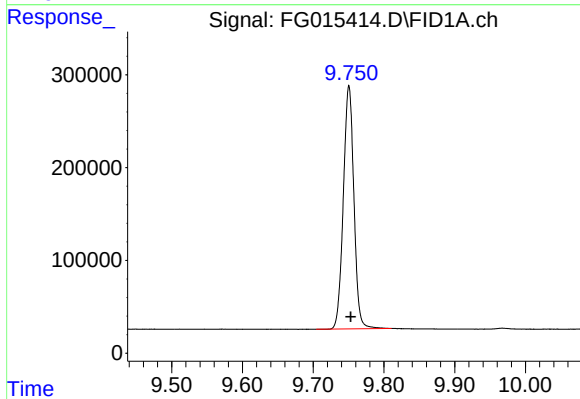
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.859 min
Delta R.T.: -0.003 min
Response: 1641700
Conc: 21.05 ug/ml



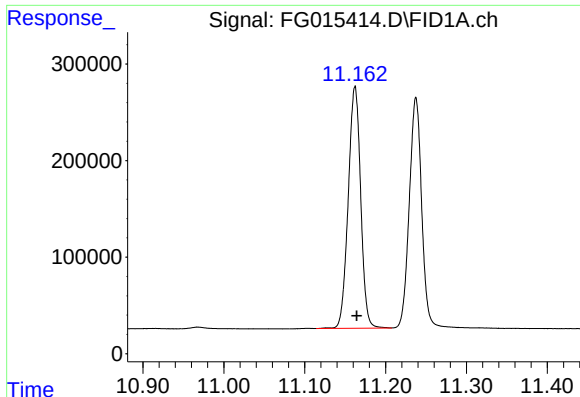
#7 Acenaphthene (C15.5)

R.T.: 8.958 min
Delta R.T.: -0.002 min
Response: 2708700
Conc: 20.91 ug/ml



#8 Fluorene (C16.55)

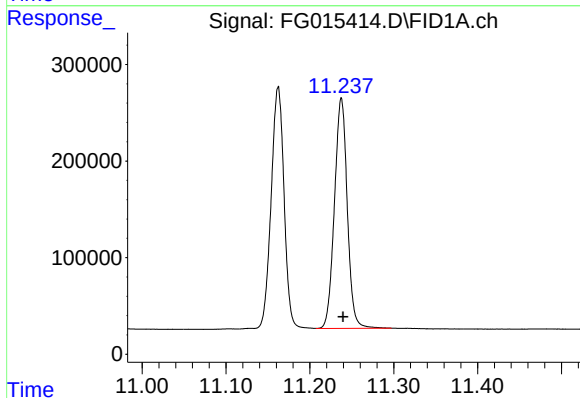
R.T.: 9.751 min
Delta R.T.: -0.002 min
Response: 2721301
Conc: 20.91 ug/ml



#9 Phenanthrene (C19.36)

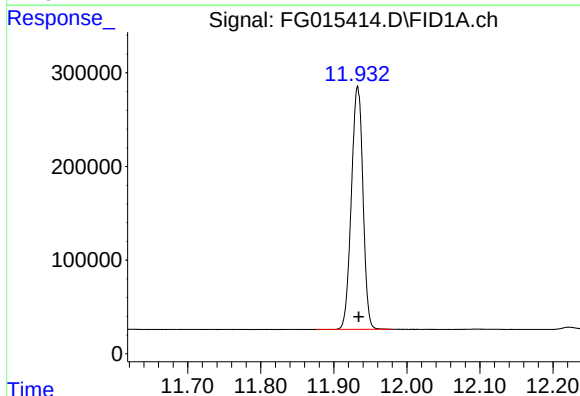
R.T.: 11.162 min
Delta R.T.: -0.002 min
Response: 2682083
Conc: 21.13 ug/ml

Instrument :
FID_G
ClientSampleId :



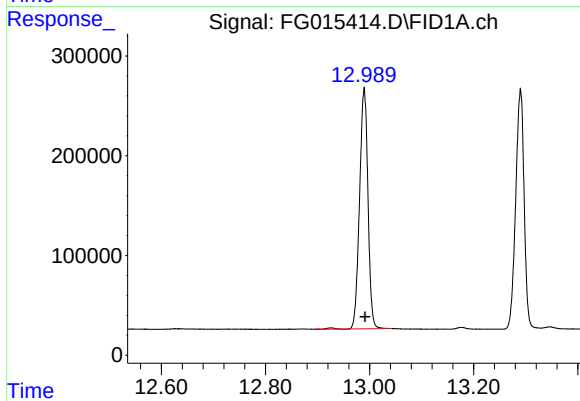
#10 Anthracene (C19.43)

R.T.: 11.238 min
Delta R.T.: -0.002 min
Response: 2538205
Conc: 20.69 ug/ml



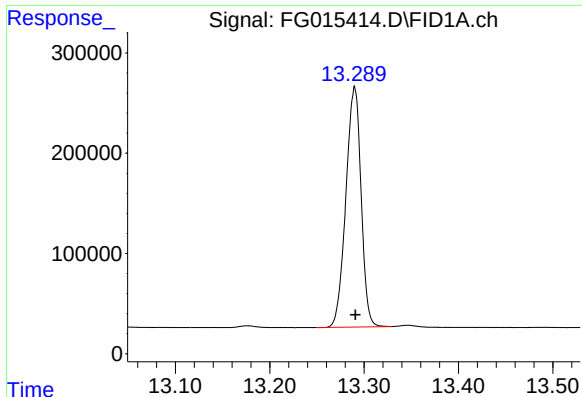
#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.001 min
Response: 2859079
Conc: 21.23 ug/ml



#12 Fluoranthene (C21.85)

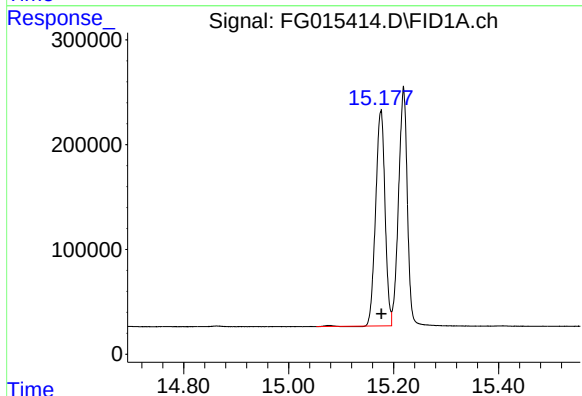
R.T.: 12.990 min
Delta R.T.: -0.002 min
Response: 2706347
Conc: 21.37 ug/ml



#13 Pyrene (C20.8)

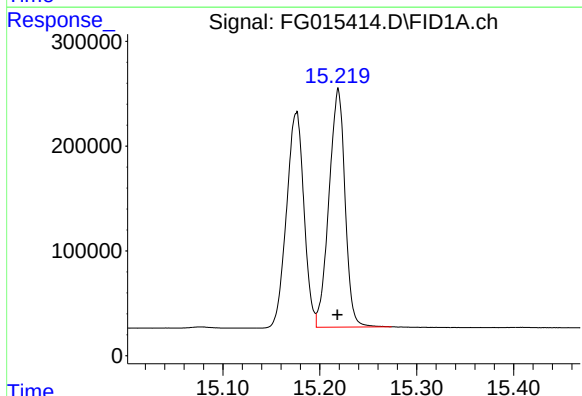
R.T.: 13.290 min
Delta R.T.: 0.000 min
Response: 2684125
Conc: 21.33 ug/ml

Instrument :
FID_G
ClientSampleId :



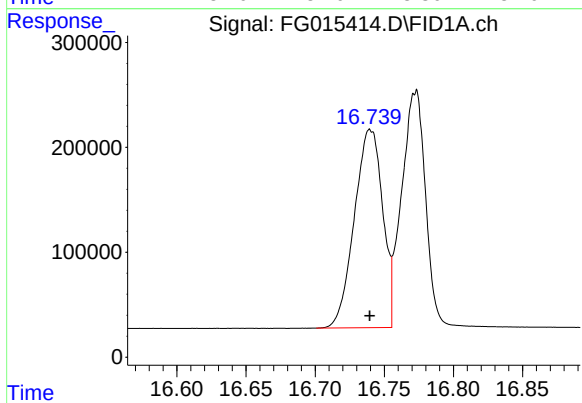
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.176 min
Delta R.T.: -0.001 min
Response: 2552970
Conc: 20.79 ug/ml



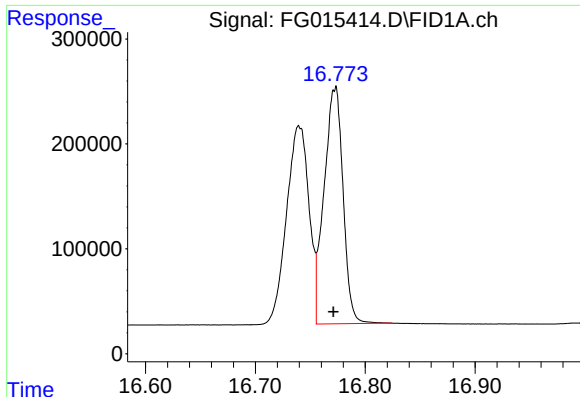
#15 Chrysene (C27.41)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 2619182
Conc: 20.94 ug/ml



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

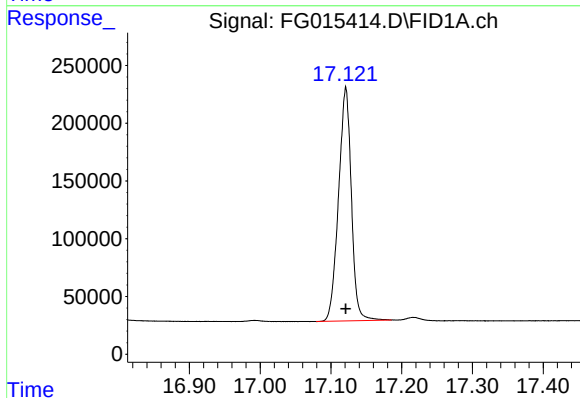
R.T.: 16.740 min
Delta R.T.: 0.000 min
Response: 2685199
Conc: 20.81 ug/ml



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

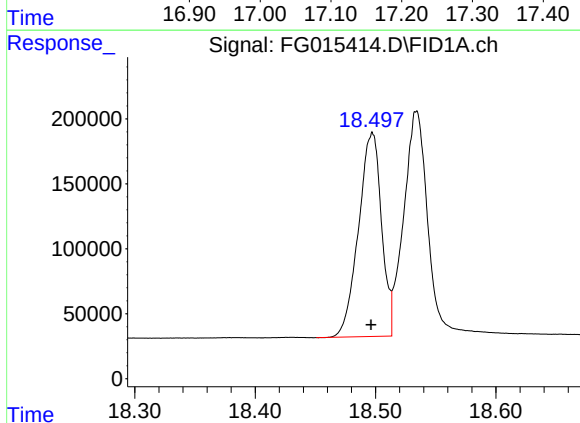
R.T.: 16.772 min
Delta R.T.: 0.001 min
Response: 2710182
Conc: 20.96 ug/ml

Instrument :
FID_G
ClientSampleId :



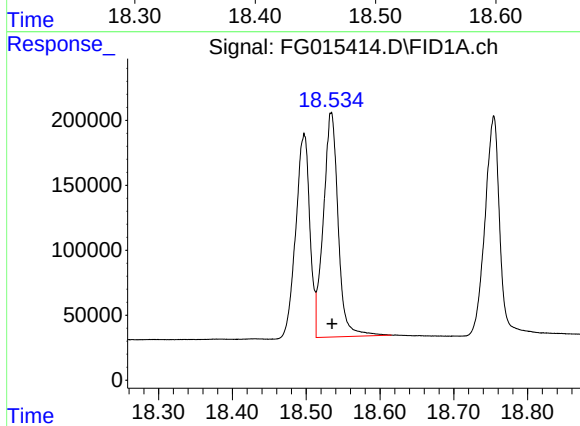
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.121 min
Delta R.T.: 0.000 min
Response: 2539971
Conc: 20.33 ug/ml



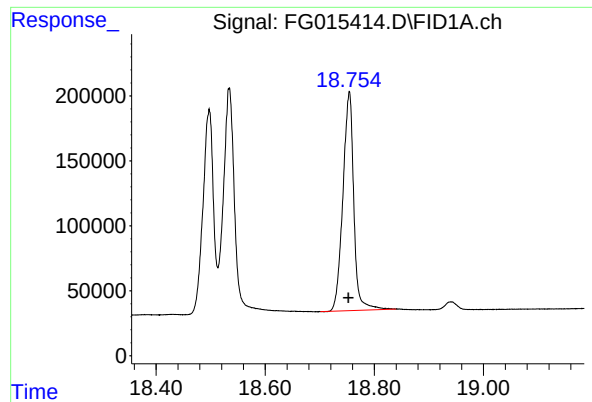
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.497 min
Delta R.T.: 0.000 min
Response: 2081377
Conc: 16.98 ug/ml



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

R.T.: 18.534 min
Delta R.T.: -0.001 min
Response: 2405655
Conc: 17.68 ug/ml



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

R.T.: 18.754 min
Delta R.T.: 0.002 min
Response: 2330317
Conc: 17.77 ug/ml

Instrument :

FID_G

ClientSampleId :