

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AR\
 Data File : FG017116.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2025 02:39
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : LOD-LOQ-SOIL-0.25 ML-QT4-2025
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 06 05:17:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 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...	8.067	4847779	52.072 ug/ml
Spiked Amount 50.000		Recovery =	104.14%
6) S 2-Fluorobiphenyl (SURR)	8.950	2856096	50.773 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	101.55%
11) S ortho-Terphenyl (SURR)	12.029	5130109	36.037 ug/ml
Spiked Amount 50.000		Recovery =	72.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.653	242592	1.835 ug/ml
2) T Naphthalene (C11.7)	6.340	207355	1.695 ug/ml
3) T 2-Methylnaphthalene (...)	7.443	204210	1.804 ug/ml
5) T Acenaphthylene (C15.06)	8.749	270098	2.251 ug/ml
7) T Acenaphthene (C15.5)	9.047	618115	4.637 ug/ml
8) T Flouorene (C16.55)	9.852	244166	2.077 ug/ml
9) T Phenanthrene (C19.36)	11.269	203472	1.779 ug/ml
10) T Anthracene (C19.43)	11.348	248327	2.044 ug/ml
12) T Fluoranthene (C21.85)	13.099	250904	1.986 ug/ml
13) T Pyrene (C20.8)	13.398	239938	1.864 ug/ml
14) T Benzo[a]anthracene (C...	15.305	126880	1.400 ug/ml
15) T Chrysene (C27.41)	15.344	351215	2.477 ug/ml
16) T benzo[b]fluoranthene ...	16.872	141867	1.439 ug/ml
17) T Bnezo[k]fluoranthene ...	16.904	324787	2.478 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.266	164811	1.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.650	146683	1.657 ug/ml
20) T Dibenz[a,h]anthracene...	18.691	376446	2.821 ug/ml
21) T Benzo[g,h,i]perylene ...	18.899	280066	2.429 ug/ml

(f)=RT Delta > 1/2 Window

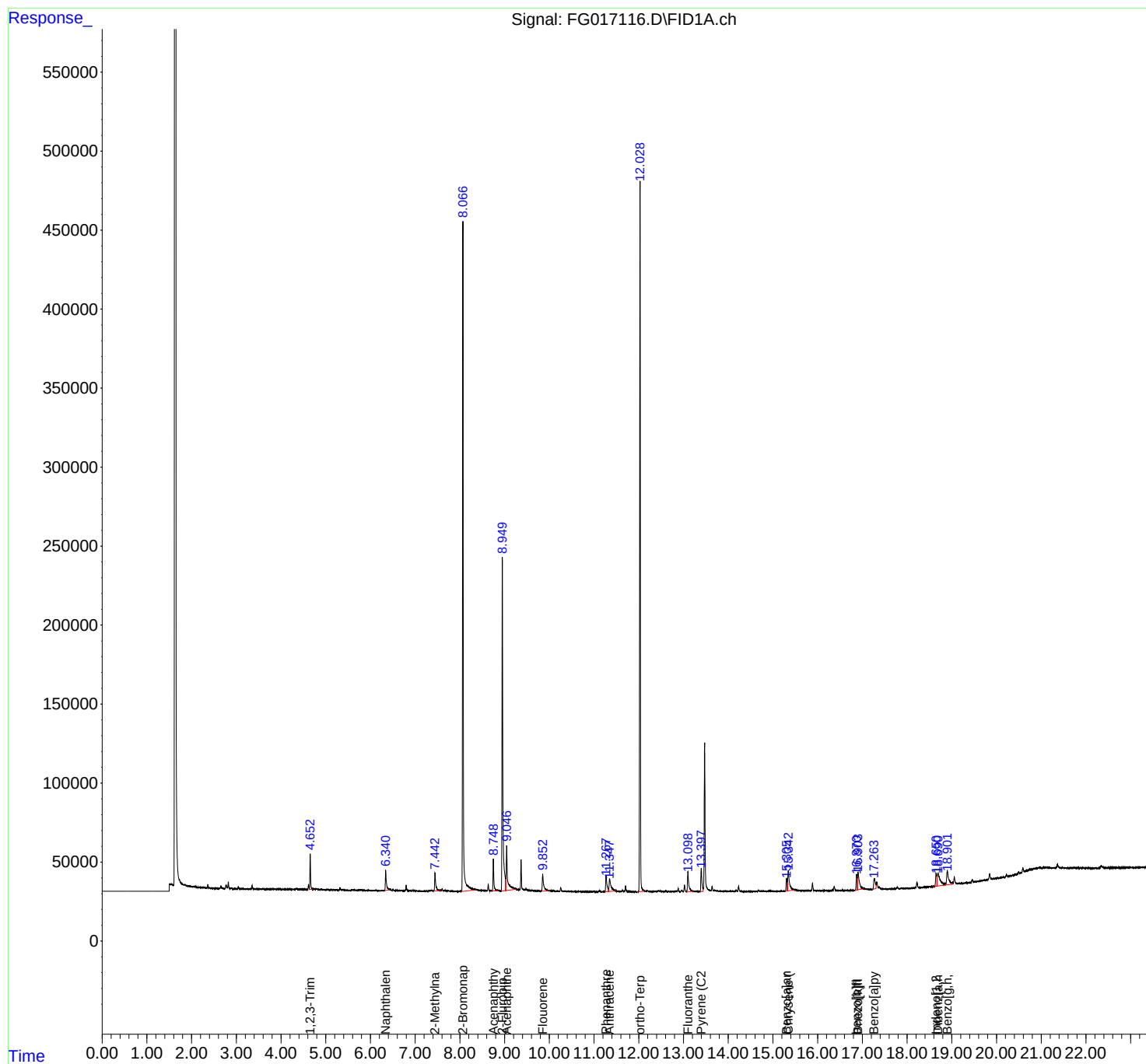
(m)=manual int.

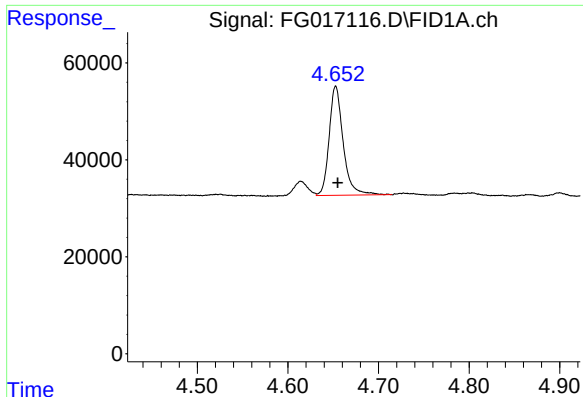
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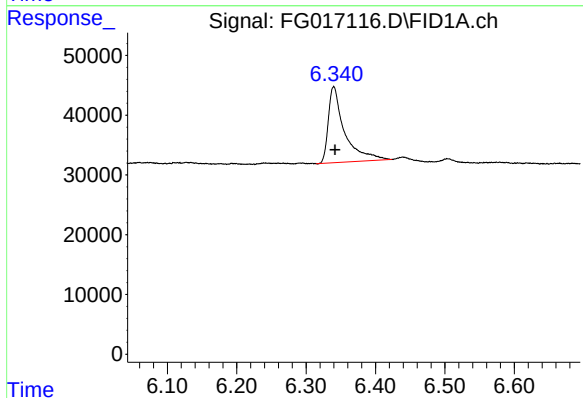




#1 1,2,3-Trimethylbenzene (C10.1)

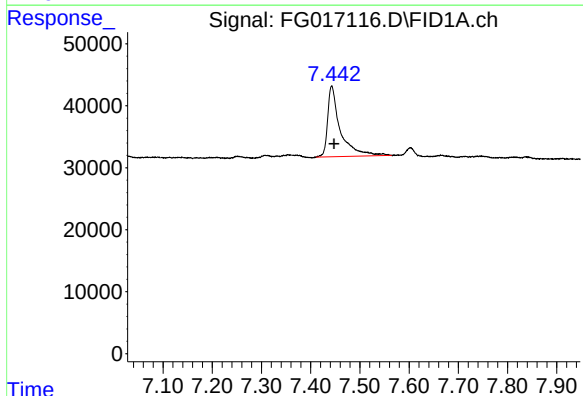
R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 242592
Conc: 1.83 ug/ml

Instrument :
FID_G
ClientSampleId :
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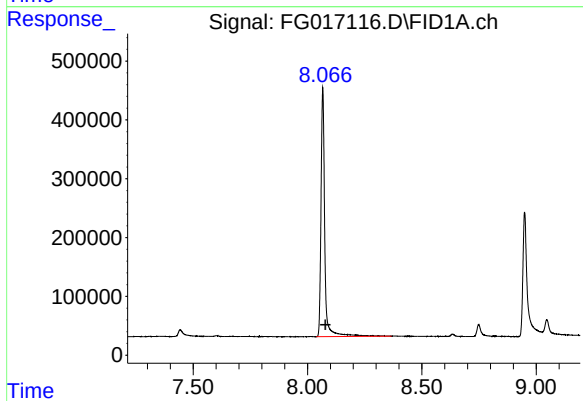
#2 Naphthalene (C11.7)

R.T.: 6.340 min
Delta R.T.: -0.001 min
Response: 207355
Conc: 1.70 ug/ml



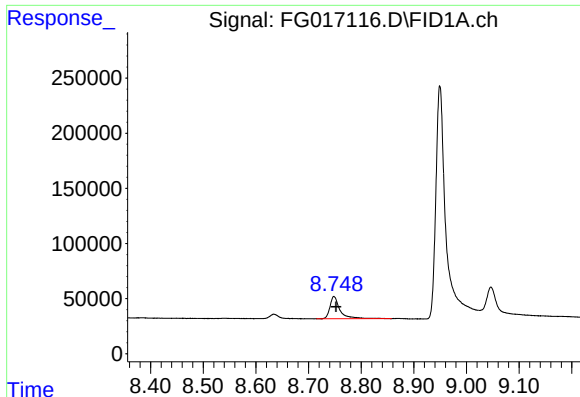
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 204210
Conc: 1.80 ug/ml



#4 2-Bromonaphthalene (SURR)

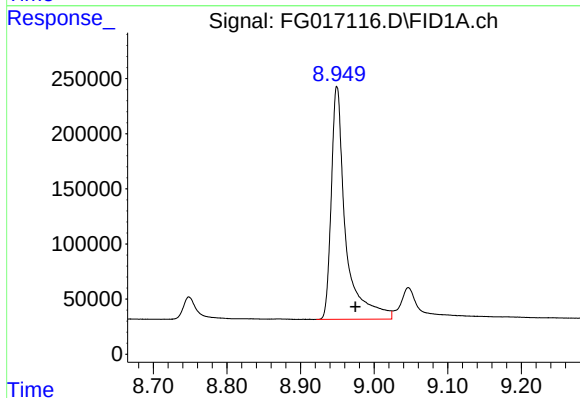
R.T.: 8.067 min
Delta R.T.: -0.012 min
Response: 4847779
Conc: 52.07 ug/ml



#5 Acenaphthylene (C15.06)

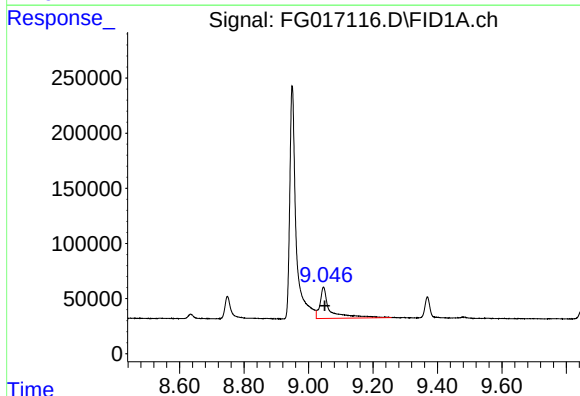
R.T.: 8.749 min
Delta R.T.: -0.004 min
Response: 270098
Conc: 2.25 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



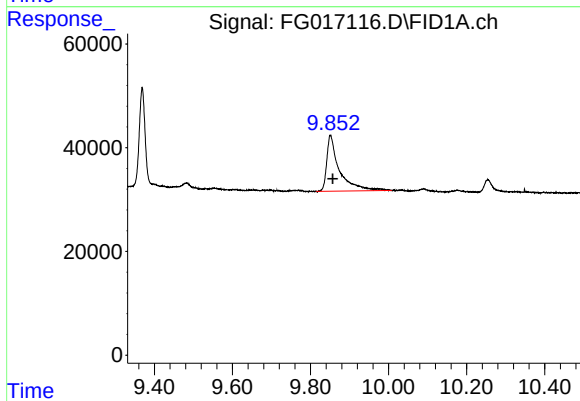
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.025 min
Response: 2856096
Conc: 50.77 ug/ml



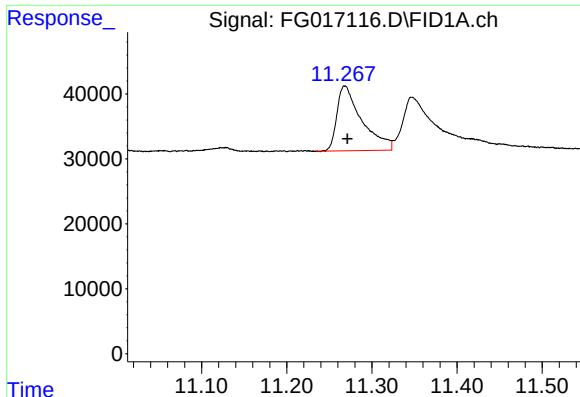
#7 Acenaphthene (C15.5)

R.T.: 9.047 min
Delta R.T.: -0.003 min
Response: 618115
Conc: 4.64 ug/ml



#8 Fluorene (C16.55)

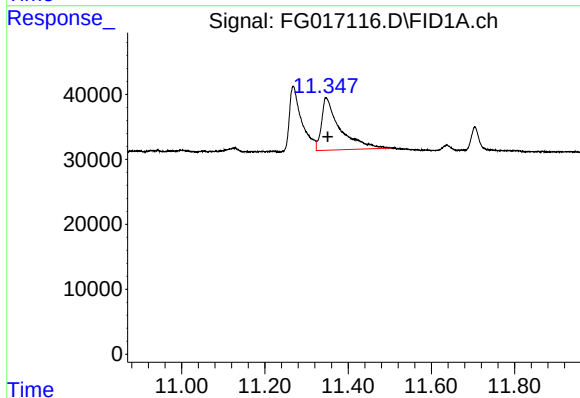
R.T.: 9.852 min
Delta R.T.: -0.005 min
Response: 244166
Conc: 2.08 ug/ml



#9 Phenanthrene (C19.36)

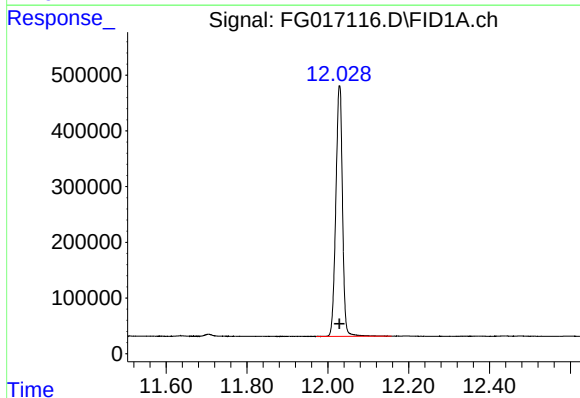
R.T.: 11.269 min
Delta R.T.: -0.003 min
Response: 203472
Conc: 1.78 ug/ml

Instrument :
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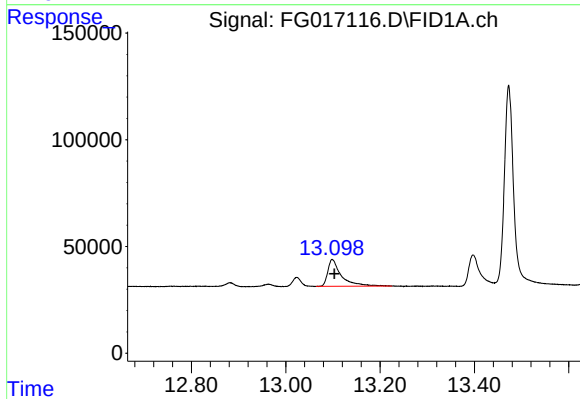
#10 Anthracene (C19.43)

R.T.: 11.348 min
Delta R.T.: -0.003 min
Response: 248327
Conc: 2.04 ug/ml



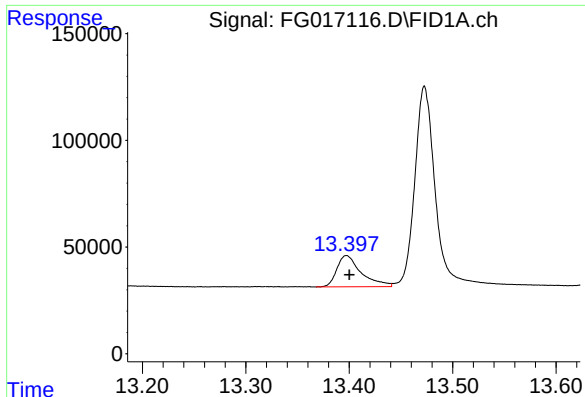
#11 ortho-Terphenyl (SURR)

R.T.: 12.029 min
Delta R.T.: 0.000 min
Response: 5130109
Conc: 36.04 ug/ml



#12 Fluoranthene (C21.85)

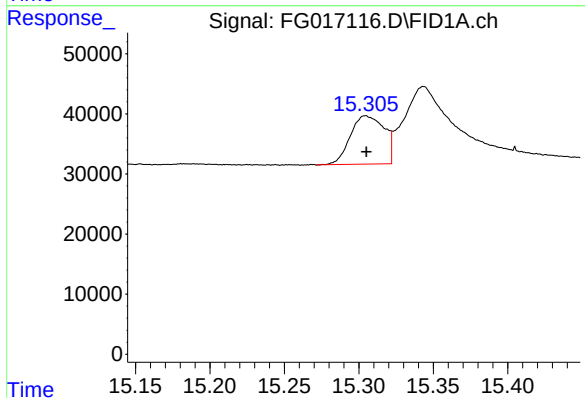
R.T.: 13.099 min
Delta R.T.: -0.004 min
Response: 250904
Conc: 1.99 ug/ml



#13 Pyrene (C20.8)

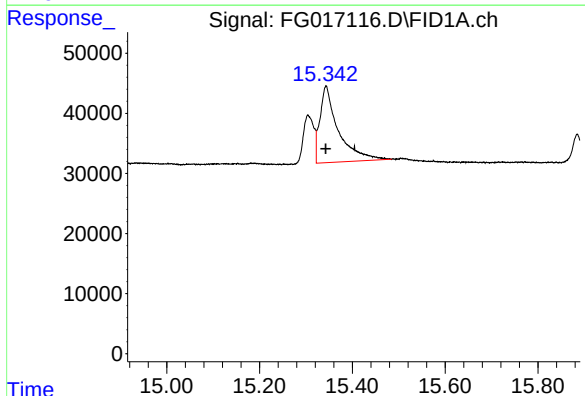
R.T.: 13.398 min
Delta R.T.: -0.003 min
Response: 239938
Conc: 1.86 ug/ml

Instrument :
FID_G
ClientSampleId :
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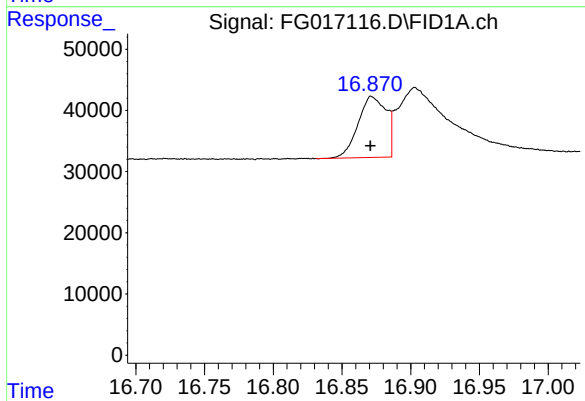
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.305 min
Delta R.T.: 0.000 min
Response: 126880
Conc: 1.40 ug/ml



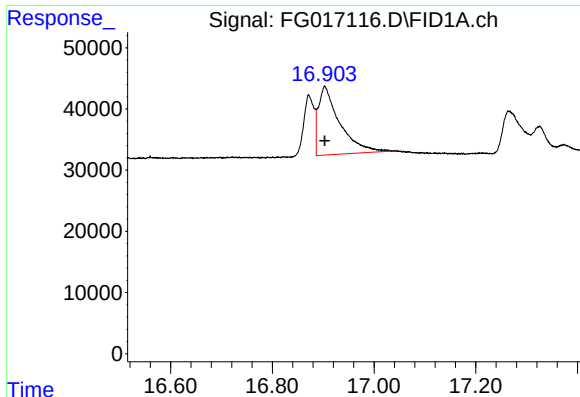
#15 Chrysene (C27.41)

R.T.: 15.344 min
Delta R.T.: 0.000 min
Response: 351215
Conc: 2.48 ug/ml



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

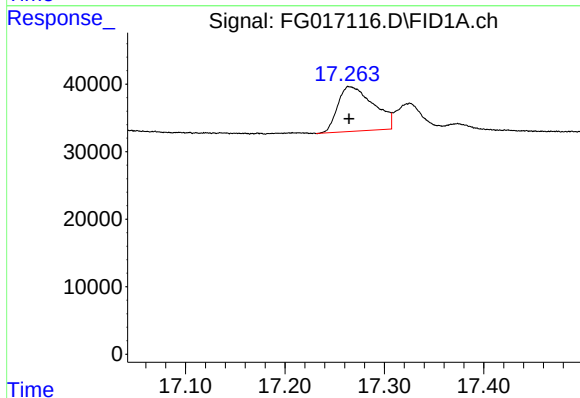
R.T.: 16.872 min
Delta R.T.: 0.002 min
Response: 141867
Conc: 1.44 ug/ml



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

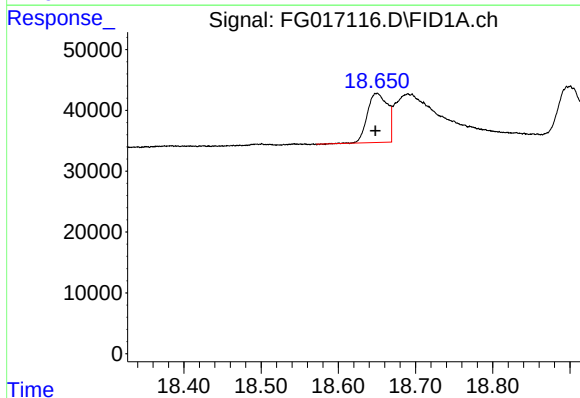
R.T.: 16.904 min
Delta R.T.: 0.000 min
Response: 324787
Conc: 2.48 ug/ml

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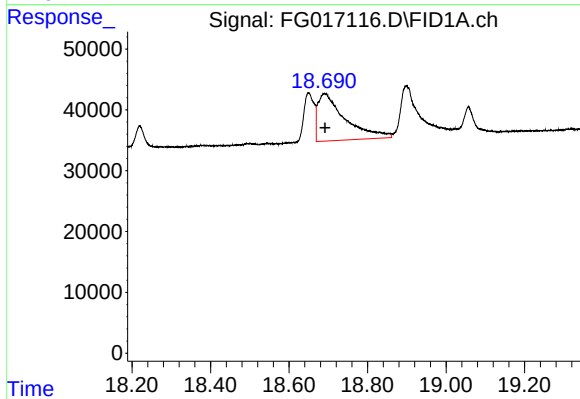
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.266 min
Delta R.T.: 0.001 min
Response: 164811
Conc: 1.66 ug/ml



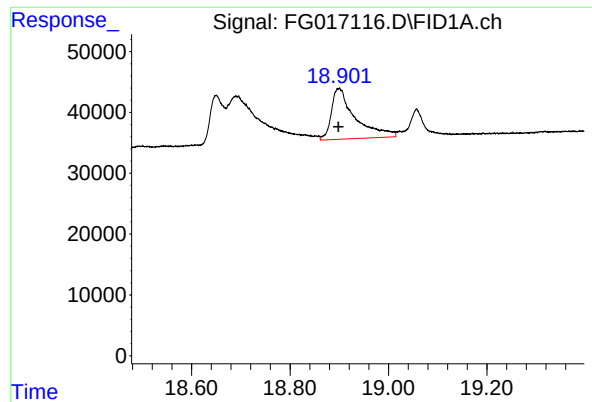
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.650 min
Delta R.T.: 0.002 min
Response: 146683
Conc: 1.66 ug/ml



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

R.T.: 18.691 min
Delta R.T.: 0.000 min
Response: 376446
Conc: 2.82 ug/ml



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

R.T.: 18.899 min
Delta R.T.: 0.001 min
Response: 280066
Conc: 2.43 ug/ml

Instrument :

FID_G

ClientSampleId :

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