

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014224.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 16:14
 Operator : YP\AJ
 Sample : P3964-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 04:50:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 2024
 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...	7.881	6365207	56.894 ug/ml
Spiked Amount 50.000		Recovery =	113.79%
6) S 2-Fluorobiphenyl (SURR)	8.754	4338537	59.590 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.18%
11) S ortho-Terphenyl (SURR)	11.821	2967162	22.012 ug/ml
Spiked Amount 50.000		Recovery =	44.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	20605034	160.054 ug/ml
2) T Naphthalene (C11.7)	6.157	11515067	91.285 ug/ml
3) T 2-Methylnaphthalene (...)	7.253	8968801	70.417 ug/ml
5) T Acenaphthylene (C15.06)	8.532	1503266	11.566 ug/ml
7) T Acenaphthene (C15.5)	8.850	353831	2.555 ug/ml
8) T Flouorene (C16.55)	9.645	892674	6.887 ug/ml
9) T Phenanthrene (C19.36)	11.049	805177	6.662 ug/ml
10) T Anthracene (C19.43)	11.130	394683	2.845 ug/ml
12) T Fluoranthene (C21.85)	12.876	507405	3.914 ug/ml
13) T Pyrene (C20.8)	13.174	296810	2.273 ug/ml
14) T Benzo[a]anthracene (C...	15.067	123363	1.084 ug/ml
15) T Chrysene (C27.41)	15.105	216578	1.532 ug/ml
16) T benzo[b]fluoranthene ...	16.628	203561	1.776 ug/ml
17) T Bnezo[k]fluoranthene ...	16.628	203561	1.514 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.010	1444	0.012 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.389	156802	1.586 ug/ml
20) T Dibenz[a,h]anthracene...	18.389	156802	1.065 ug/ml
21) T Benzo[g,h,i]perylene ...	18.641	59567	0.456 ug/ml

(f)=RT Delta > 1/2 Window

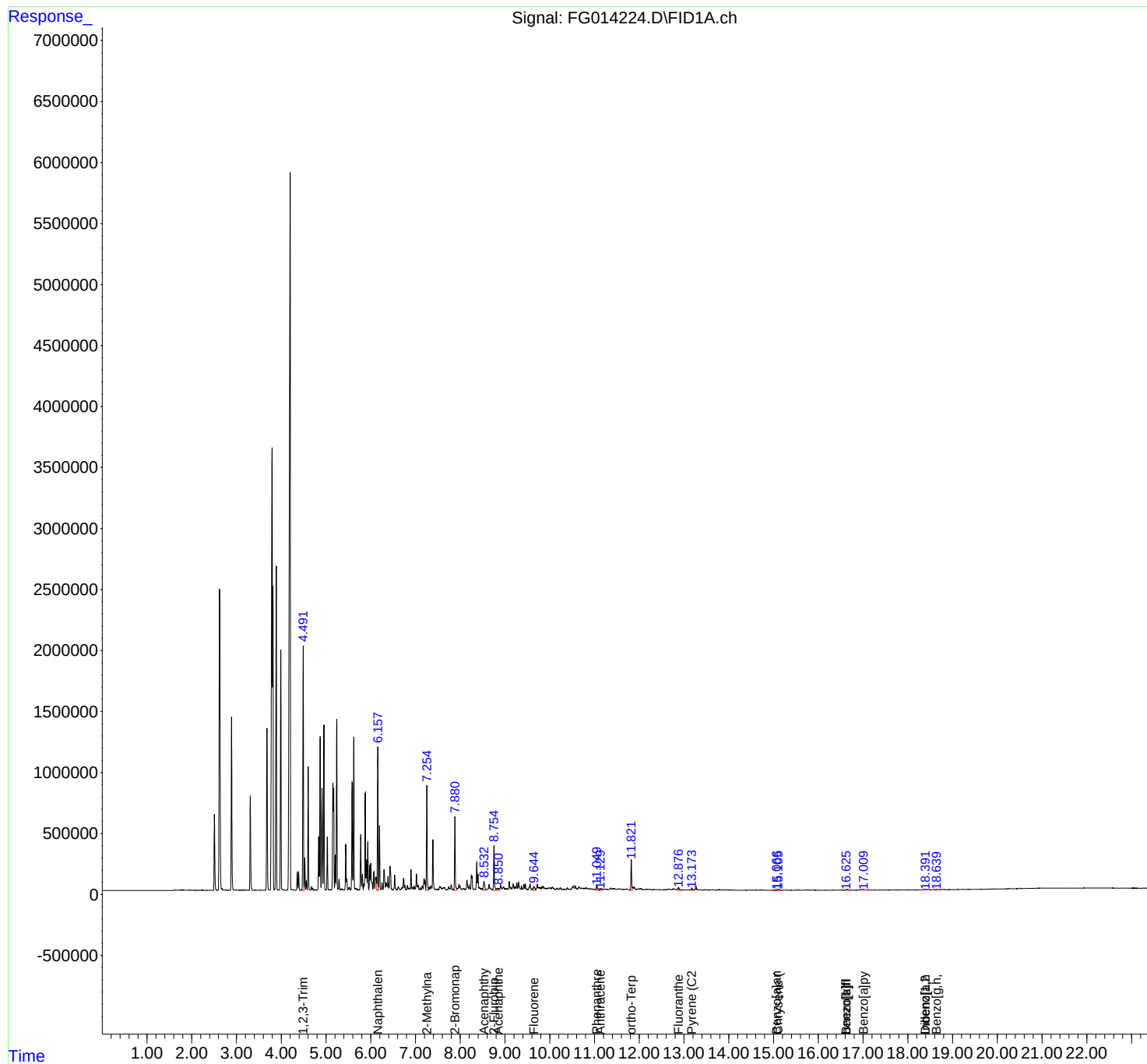
(m)=manual int.

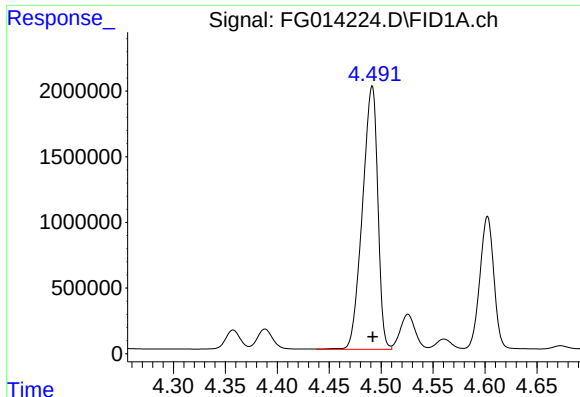
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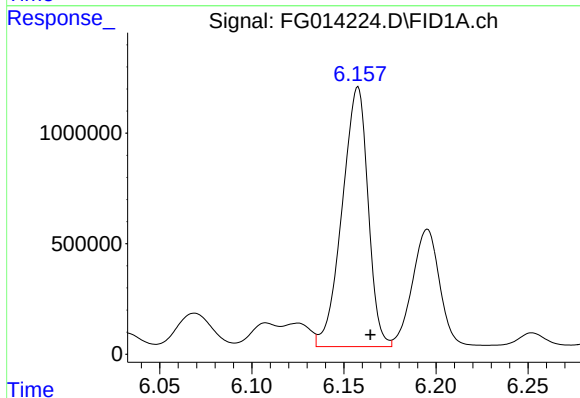




#1 1,2,3-Trimethylbenzene (C10.1)

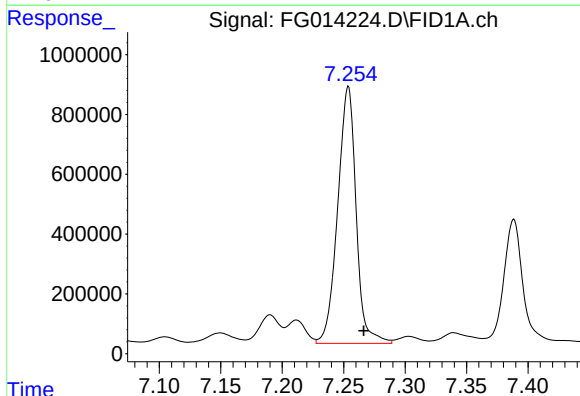
R.T.: 4.491 min
Delta R.T.: -0.001 min
Response: 20605034
Conc: 160.05 ug/ml

Instrument :
FID_G
ClientSampleId :



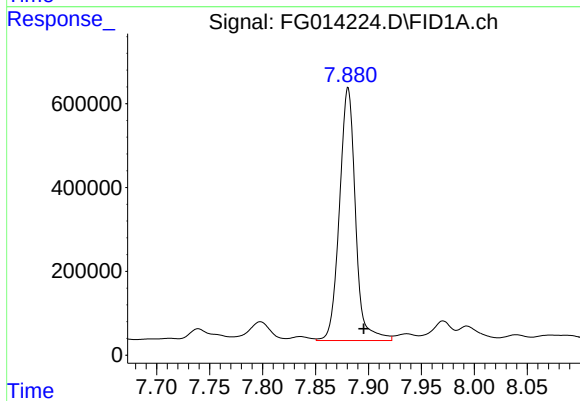
#2 Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: -0.007 min
Response: 11515067
Conc: 91.29 ug/ml



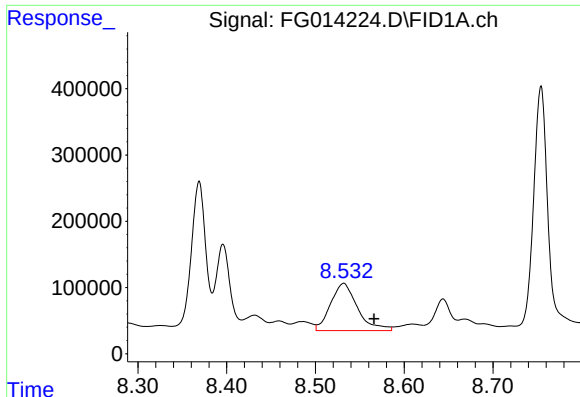
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.013 min
Response: 8968801
Conc: 70.42 ug/ml



#4 2-Bromonaphthalene (SURR)

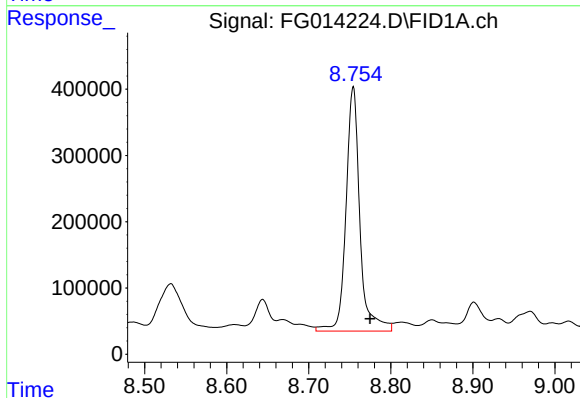
R.T.: 7.881 min
Delta R.T.: -0.015 min
Response: 6365207
Conc: 56.89 ug/ml



#5 Acenaphthylene (C15.06)

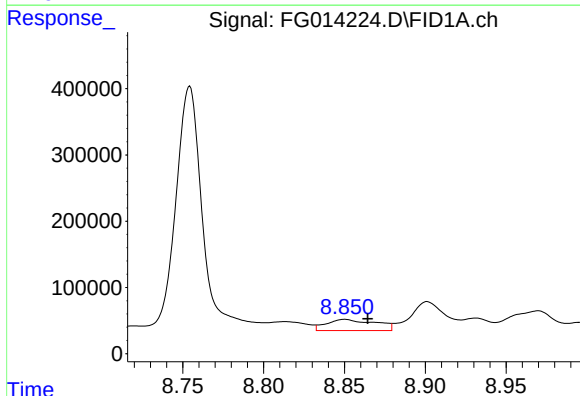
R.T.: 8.532 min
Delta R.T.: -0.034 min
Response: 1503266
Conc: 11.57 ug/ml

Instrument :
FID_G
ClientSampleId :



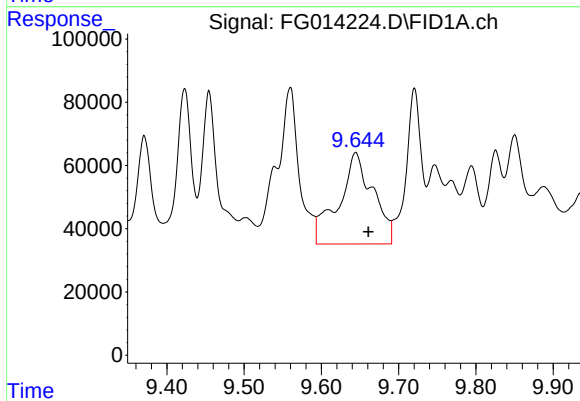
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.754 min
Delta R.T.: -0.021 min
Response: 4338537
Conc: 59.59 ug/ml



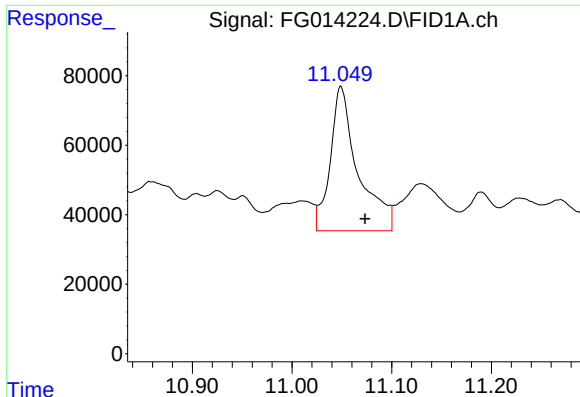
#7 Acenaphthene (C15.5)

R.T.: 8.850 min
Delta R.T.: -0.014 min
Response: 353831
Conc: 2.55 ug/ml



#8 Flouorene (C16.55)

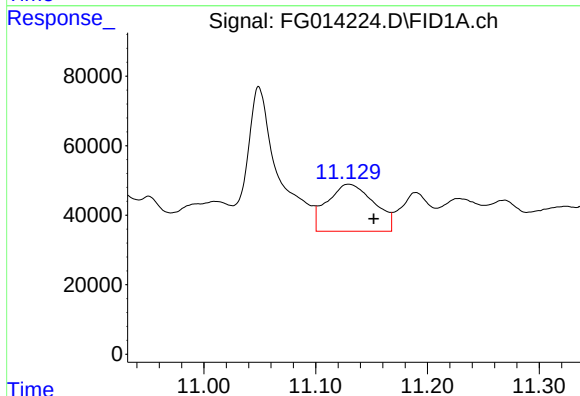
R.T.: 9.645 min
Delta R.T.: -0.016 min
Response: 892674
Conc: 6.89 ug/ml



#9 Phenanthrene (C19.36)

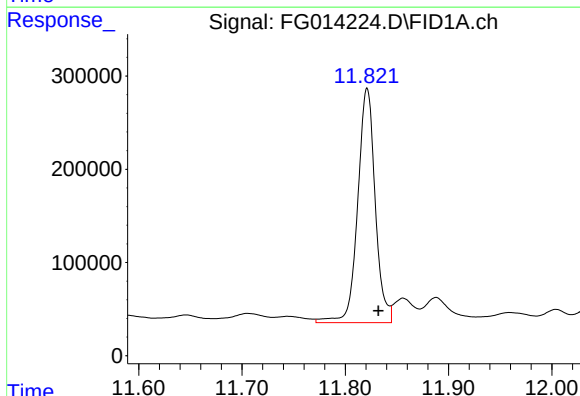
R.T.: 11.049 min
Delta R.T.: -0.024 min
Response: 805177
Conc: 6.66 ug/ml

Instrument :
FID_G
ClientSampleId :



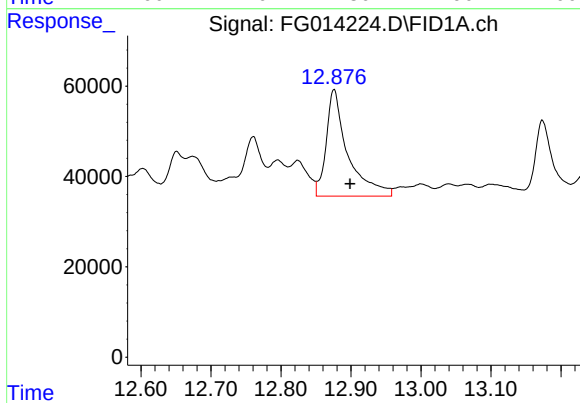
#10 Anthracene (C19.43)

R.T.: 11.130 min
Delta R.T.: -0.022 min
Response: 394683
Conc: 2.84 ug/ml



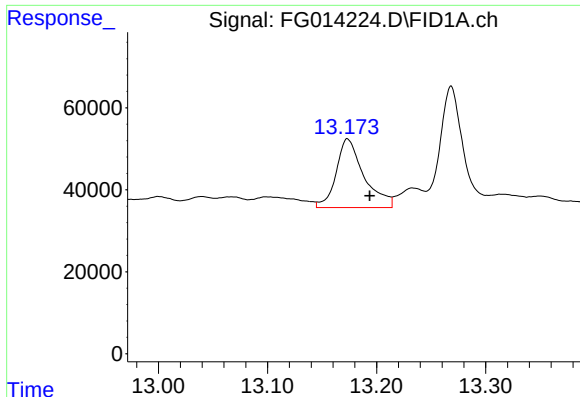
#11 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: -0.011 min
Response: 2967162
Conc: 22.01 ug/ml



#12 Fluoranthene (C21.85)

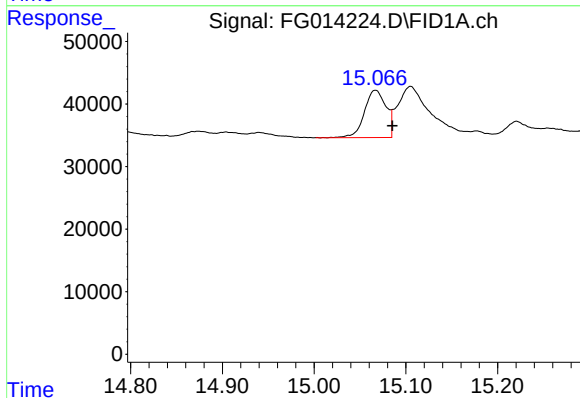
R.T.: 12.876 min
Delta R.T.: -0.023 min
Response: 507405
Conc: 3.91 ug/ml



#13 Pyrene (C20.8)

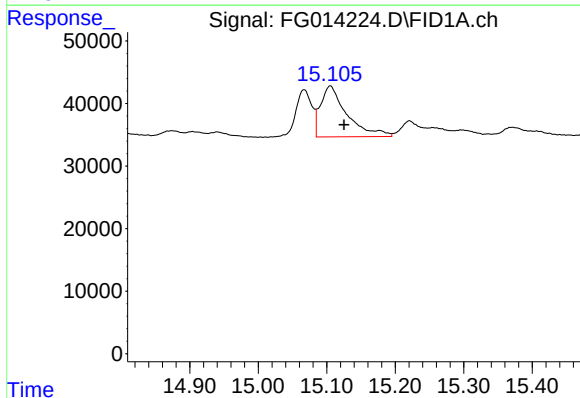
R.T.: 13.174 min
Delta R.T.: -0.020 min
Response: 296810
Conc: 2.27 ug/ml

Instrument :
FID_G
ClientSampleId :



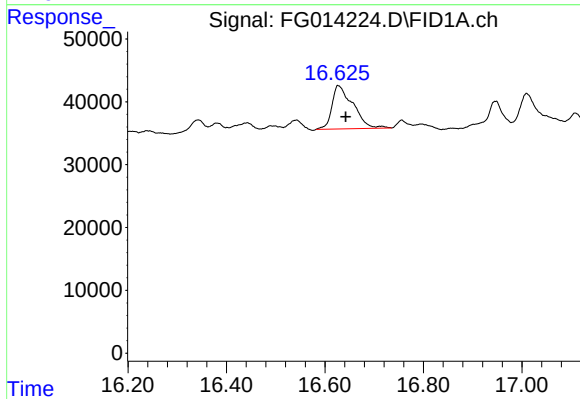
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.067 min
Delta R.T.: -0.019 min
Response: 123363
Conc: 1.08 ug/ml



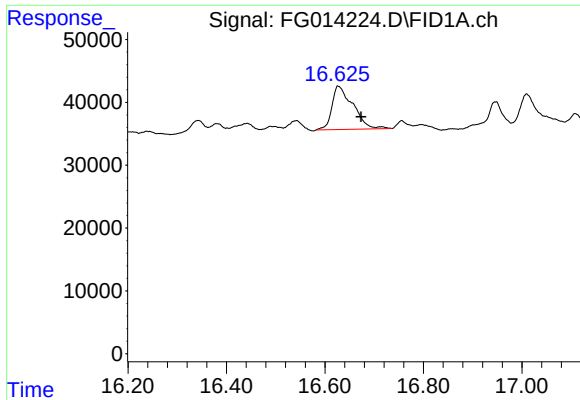
#15 Chrysene (C27.41)

R.T.: 15.105 min
Delta R.T.: -0.020 min
Response: 216578
Conc: 1.53 ug/ml



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

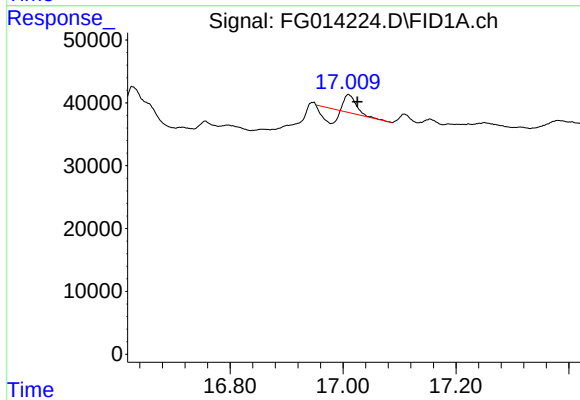
R.T.: 16.628 min
Delta R.T.: -0.015 min
Response: 203561
Conc: 1.78 ug/ml



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

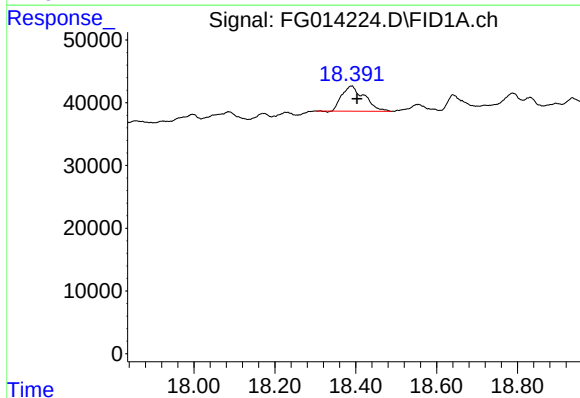
R.T.: 16.628 min
Delta R.T.: -0.045 min
Response: 203561
Conc: 1.51 ug/ml

Instrument :
FID_G
ClientSampleId :



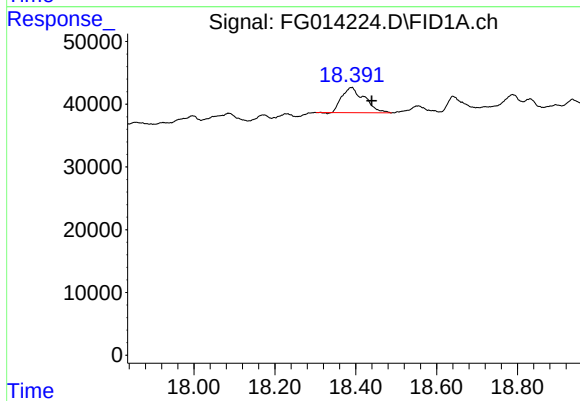
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.010 min
Delta R.T.: -0.015 min
Response: 1444
Conc: 0.01 ug/ml



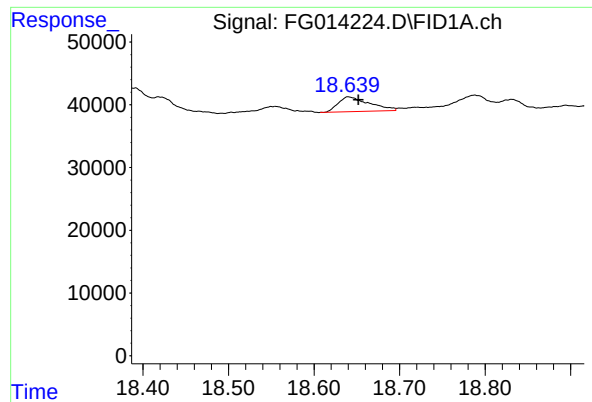
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.389 min
Delta R.T.: -0.014 min
Response: 156802
Conc: 1.59 ug/ml



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

R.T.: 18.389 min
Delta R.T.: -0.050 min
Response: 156802
Conc: 1.07 ug/ml



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

R.T.: 18.641 min
Delta R.T.: -0.011 min
Response: 59567
Conc: 0.46 ug/ml

Instrument :

FID_G

ClientSampleId :