

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
 Data File : FF014456.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2024 12:43
 Operator : YP\AJ
 Sample : P3390-08
 Misc : 5 PPM WATER LOD
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 22 03:09:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 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...	7.873	5255920	46.940 ug/ml
Spiked Amount 50.000		Recovery =	93.88%
6) S 2-Fluorobiphenyl (SURR)	8.744	2949086	44.050 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.10%
11) S ortho-Terphenyl (SURR)	11.807	5836700	40.512 ug/ml
Spiked Amount 50.000		Recovery =	81.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	425478	3.193 ug/ml
2) T Naphthalene (C11.7)	6.155	448630	3.370 ug/ml
3) T 2-Methylnaphthalene (...)	7.250	435751	3.264 ug/ml
5) T Acenaphthylene (C15.06)	8.545	491203	3.667 ug/ml
7) T Acenaphthene (C15.5)	8.842	641607	4.496 ug/ml
8) T Fluorene (C16.55)	9.637	444128	3.425 ug/ml
9) T Phenanthrene (C19.36)	11.039	416502	3.269 ug/ml
10) T Anthracene (C19.43)	11.117	490105	3.673 ug/ml
12) T Fluoranthene (C21.85)	12.856	503669	3.666 ug/ml
13) T Pyrene (C20.8)	13.152	504869	3.645 ug/ml
14) T Benzo[a]anthracene (C...	15.041	266862	2.373 ug/ml
15) T Chrysene (C27.41)	15.079	669934	4.288 ug/ml
16) T benzo[b]fluoranthene ...	16.597	296729	2.522 ug/ml
17) T Bnezo[k]fluoranthene ...	16.629	629271	4.338 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.985	349682	2.768 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.370	189271	2.264 ug/ml
20) T Dibenz[a,h]anthracene...	18.425	437446	3.166 ug/ml
21) T Benzo[g,h,i]perylene ...	18.601	385364	3.141 ug/ml

(f)=RT Delta > 1/2 Window

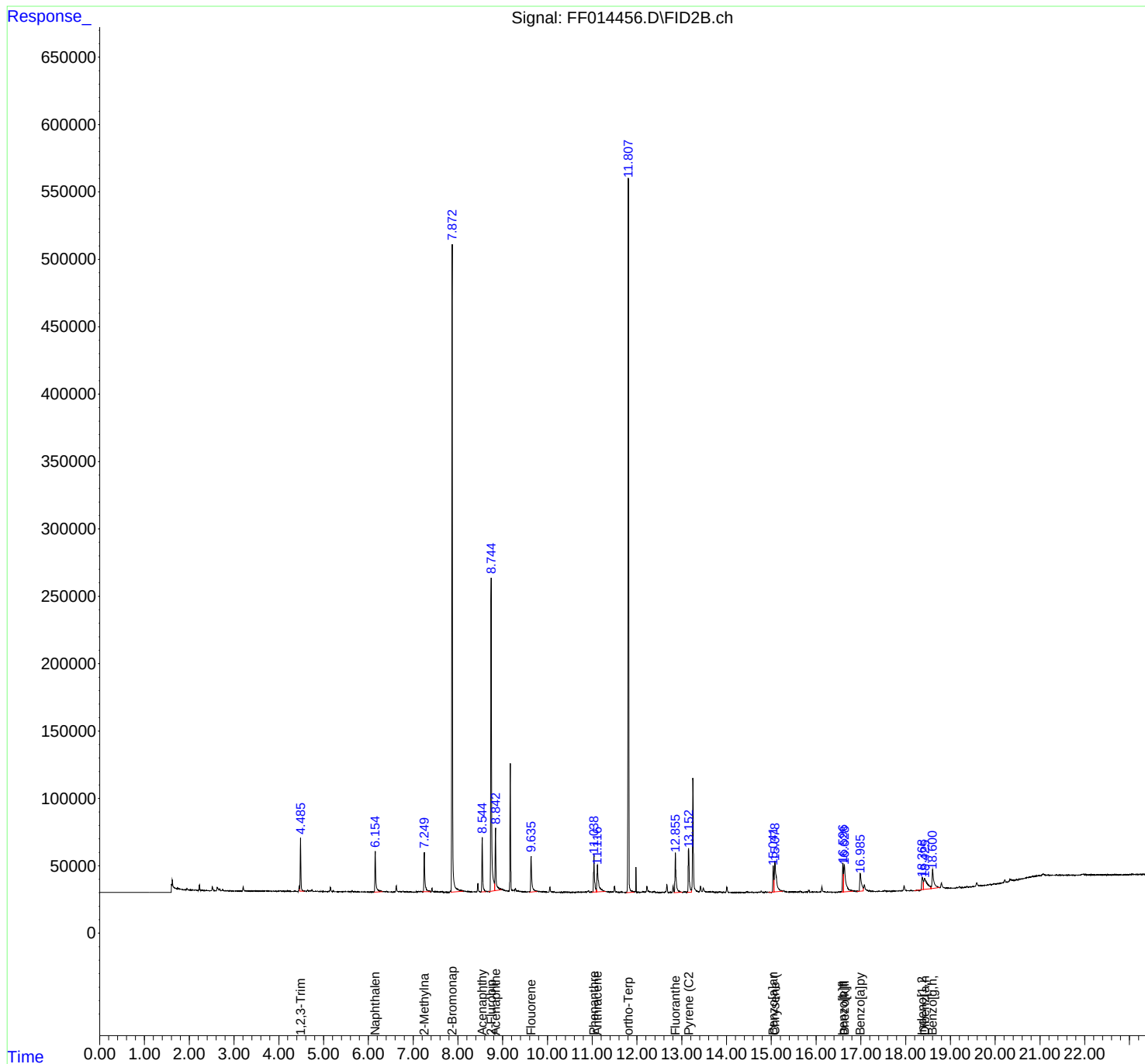
(m)=manual int.

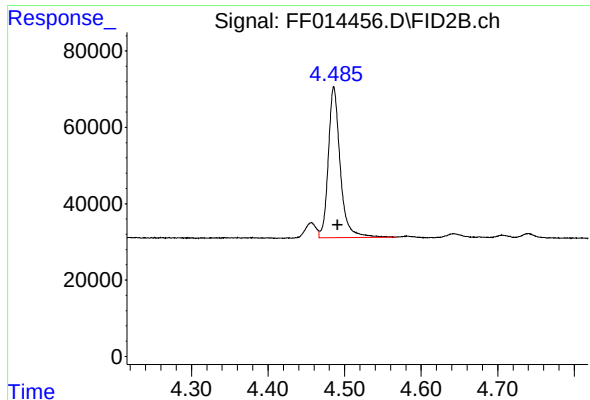
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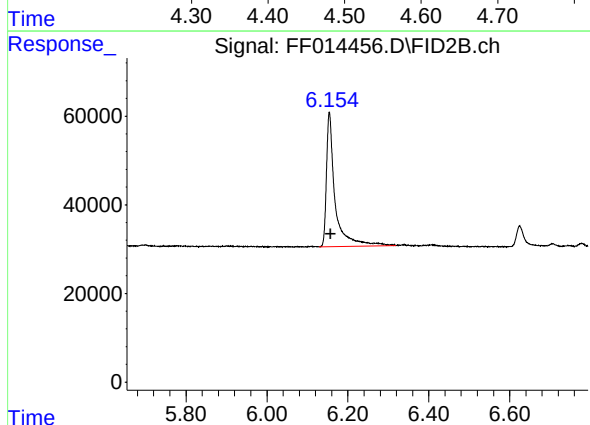




#1 1,2,3-Trimethylbenzene (C10.1)

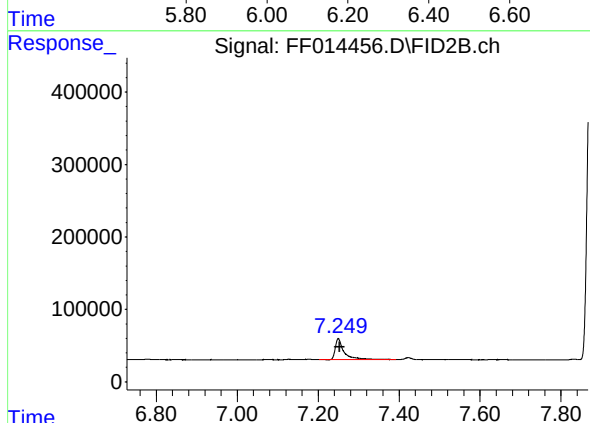
R.T.: 4.486 min
Delta R.T.: -0.005 min
Response: 425478
Conc: 3.19 ug/ml

Instrument :
FID_F
ClientSampleId :



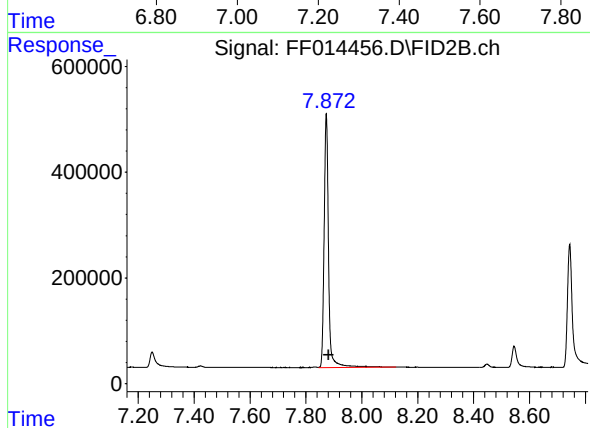
#2 Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 448630
Conc: 3.37 ug/ml



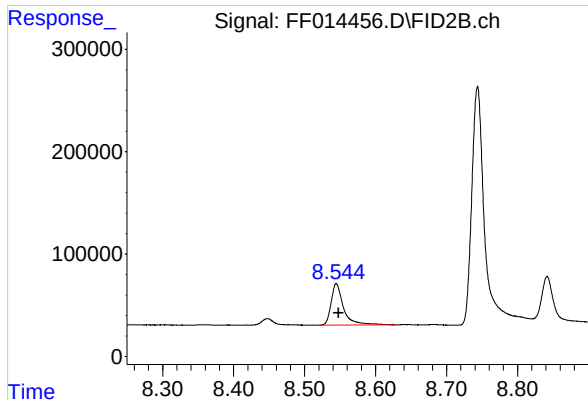
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 435751
Conc: 3.26 ug/ml



#4 2-Bromonaphthalene (SURR)

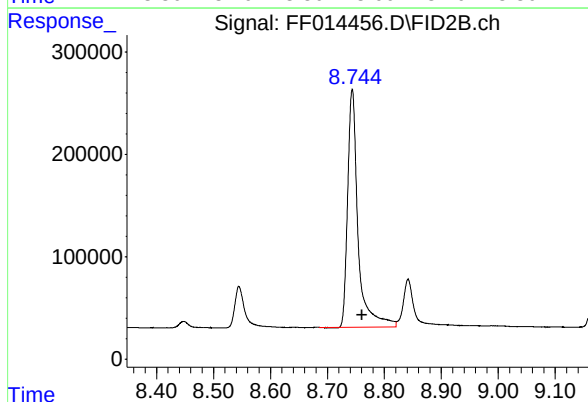
R.T.: 7.873 min
Delta R.T.: -0.009 min
Response: 5255920
Conc: 46.94 ug/ml



#5 Acenaphthylene (C15.06)

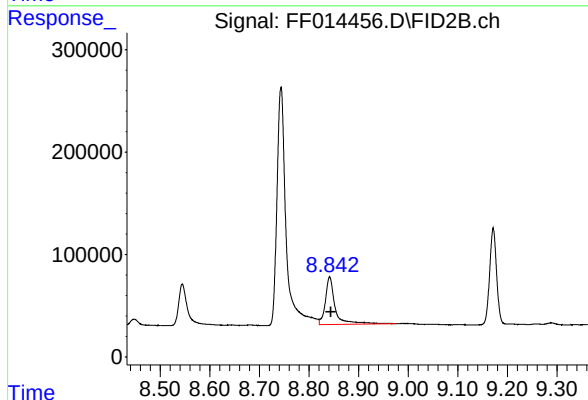
R.T.: 8.545 min
Delta R.T.: -0.003 min
Response: 491203
Conc: 3.67 ug/ml

Instrument :
FID_F
ClientSampleId :



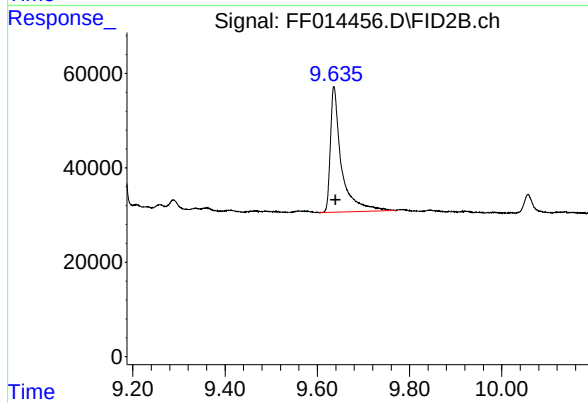
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.744 min
Delta R.T.: -0.017 min
Response: 2949086
Conc: 44.05 ug/ml



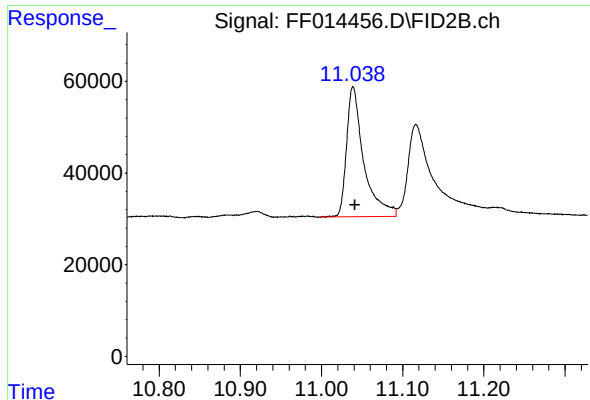
#7 Acenaphthene (C15.5)

R.T.: 8.842 min
Delta R.T.: -0.002 min
Response: 641607
Conc: 4.50 ug/ml



#8 Flouorene (C16.55)

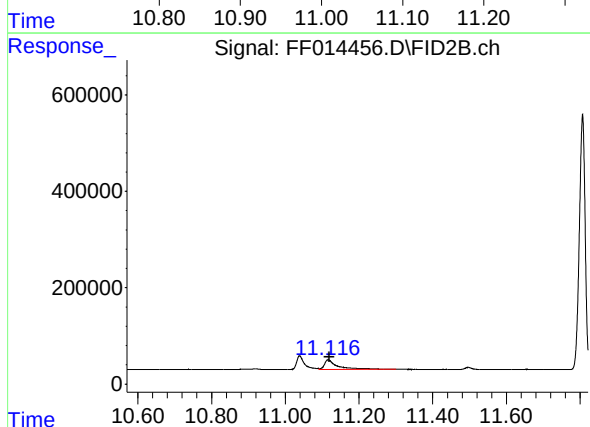
R.T.: 9.637 min
Delta R.T.: -0.003 min
Response: 444128
Conc: 3.43 ug/ml



#9 Phenanthrene (C19.36)

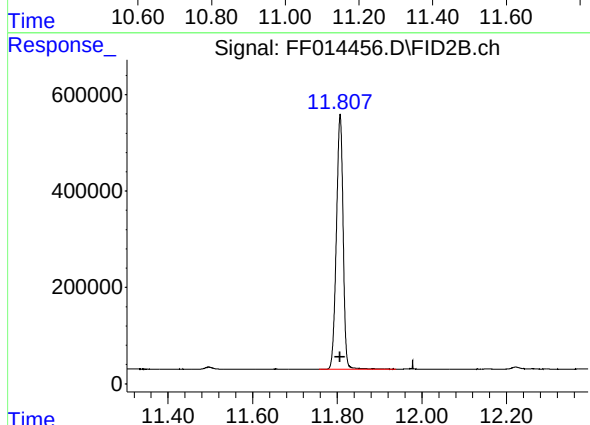
R.T.: 11.039 min
Delta R.T.: -0.002 min
Response: 416502
Conc: 3.27 ug/ml

Instrument :
FID_F
ClientSampleId :



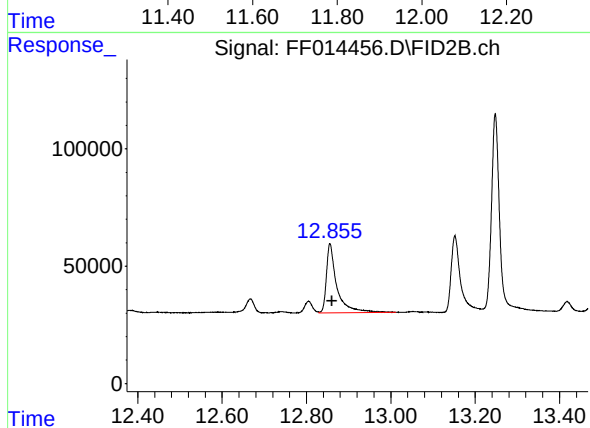
#10 Anthracene (C19.43)

R.T.: 11.117 min
Delta R.T.: -0.003 min
Response: 490105
Conc: 3.67 ug/ml



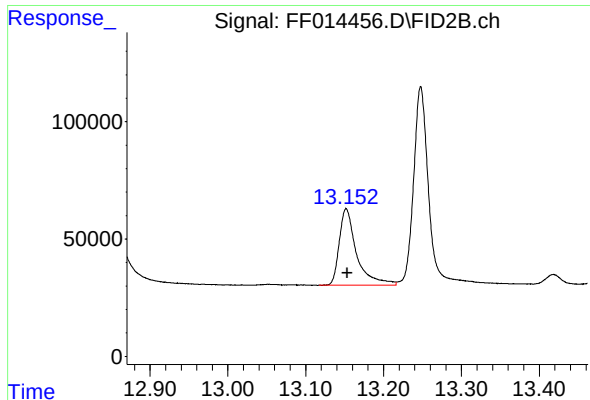
#11 ortho-Terphenyl (SURR)

R.T.: 11.807 min
Delta R.T.: 0.000 min
Response: 5836700
Conc: 40.51 ug/ml



#12 Fluoranthene (C21.85)

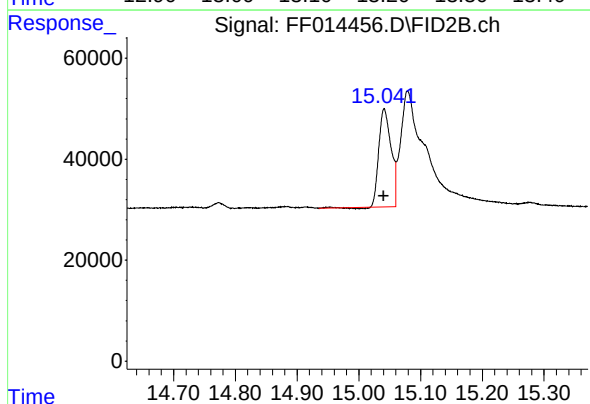
R.T.: 12.856 min
Delta R.T.: -0.004 min
Response: 503669
Conc: 3.67 ug/ml



#13 Pyrene (C20.8)

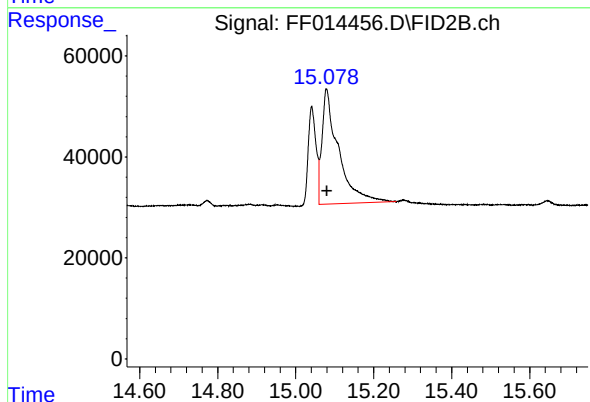
R.T.: 13.152 min
Delta R.T.: -0.001 min
Response: 504869
Conc: 3.64 ug/ml

Instrument :
FID_F
ClientSampleId :



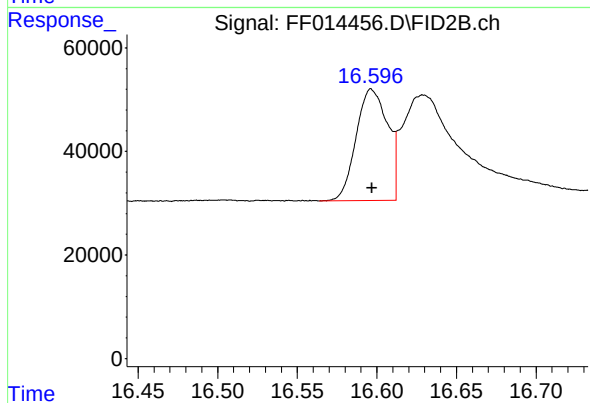
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.041 min
Delta R.T.: 0.000 min
Response: 266862
Conc: 2.37 ug/ml



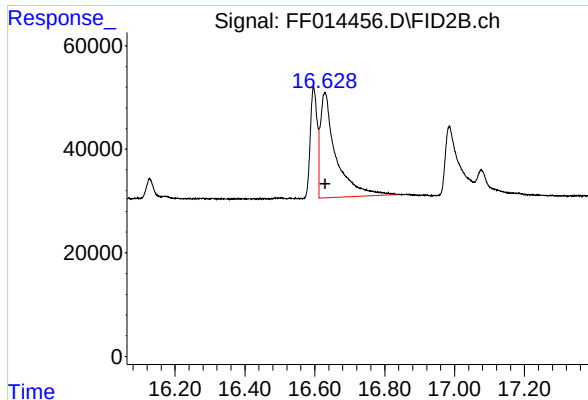
#15 Chrysene (C27.41)

R.T.: 15.079 min
Delta R.T.: -0.001 min
Response: 669934
Conc: 4.29 ug/ml



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

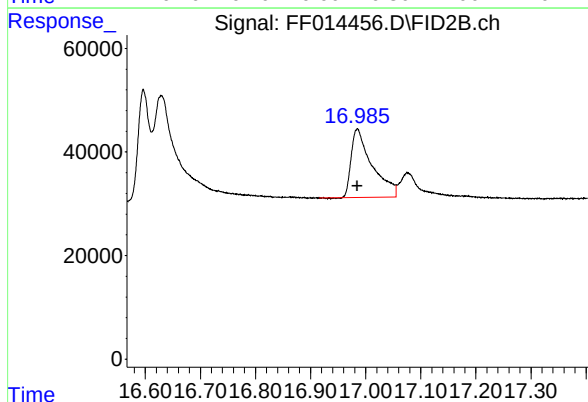
R.T.: 16.597 min
Delta R.T.: 0.000 min
Response: 296729
Conc: 2.52 ug/ml



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

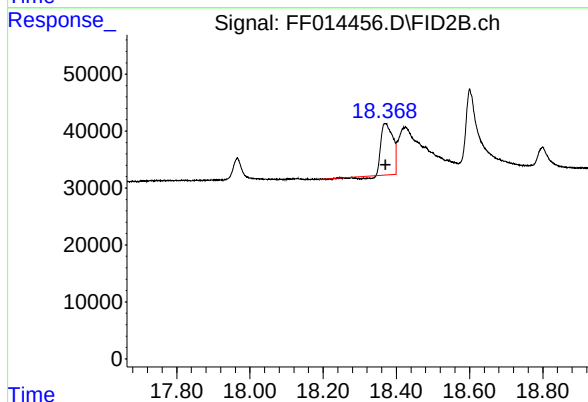
R.T.: 16.629 min
Delta R.T.: 0.000 min
Response: 629271
Conc: 4.34 ug/ml

Instrument :
FID_F
ClientSampleId :



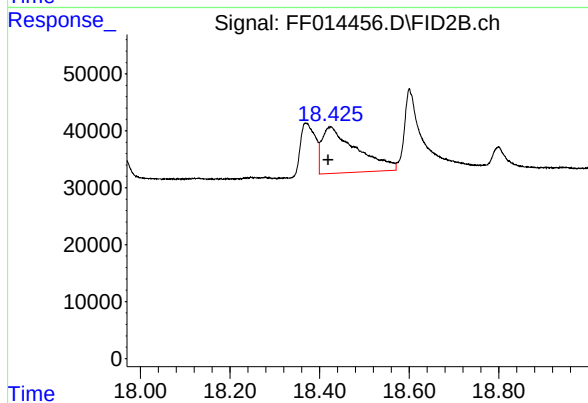
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.985 min
Delta R.T.: 0.000 min
Response: 349682
Conc: 2.77 ug/ml



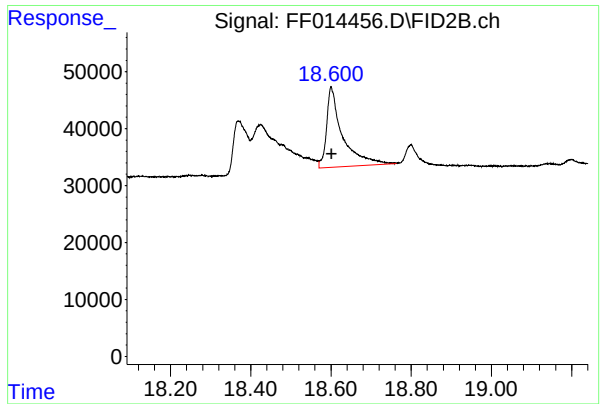
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.370 min
Delta R.T.: 0.000 min
Response: 189271
Conc: 2.26 ug/ml



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

R.T.: 18.425 min
Delta R.T.: 0.005 min
Response: 437446
Conc: 3.17 ug/ml



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

R.T.: 18.601 min

Delta R.T.: 0.000 min

Response: 385364

Conc: 3.14 ug/ml

Instrument :

FID_F

ClientSampleId :