

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015486.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 11:37
 Operator : YP\AJ
 Sample : Q1308-01
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 10 00:32:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

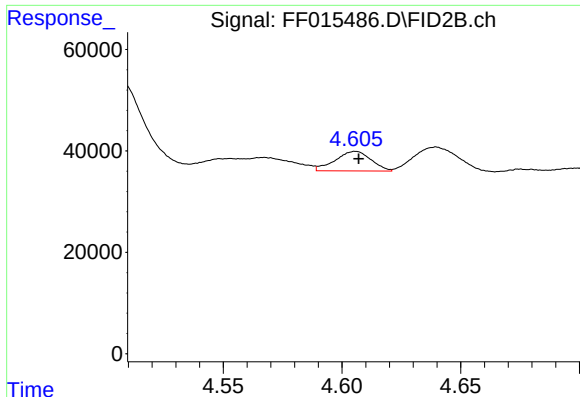
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	7474516	62.889 ug/ml
Spiked Amount 50.000		Recovery =	125.78%
6) S 2-Fluorobiphenyl (SURR)	8.873	3300096	43.455 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.91%
11) S ortho-Terphenyl (SURR)	11.936	4295193	32.568 ug/ml
Spiked Amount 50.000		Recovery =	65.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	40921	0.295 ug/ml
2) T Naphthalene (C11.7)	6.276	243424	1.767 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	2212004	16.640 ug/ml
5) T Acenaphthylene (C15.06)	8.659	3161114	23.378 ug/ml
7) T Acenaphthene (C15.5)	8.981	565566	4.210 ug/ml
8) T Flouorene (C16.55)	9.760	713081	5.491 ug/ml
9) T Phenanthrene (C19.36)	11.167	1018352	8.389 ug/ml
10) T Anthracene (C19.43)	11.244	578959	4.830 ug/ml
12) T Fluoranthene (C21.85)	12.988	629219	5.173 ug/ml
13) T Pyrene (C20.8)	13.286	320700	2.635 ug/ml
14) T Benzo[a]anthracene (C...	15.173	89524	0.821 ug/ml
15) T Chrysene (C27.41)	15.212	117843	0.988 ug/ml
16) T benzo[b]fluoranthene ...	16.735	142502	1.235 ug/ml
17) T Bnezo[k]fluoranthene ...	16.735	142502	1.180 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.115	52406	0.467 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.490	59728	0.542 ug/ml
20) T Dibenz[a,h]anthracene...	18.523	58133	0.471 ug/ml
21) T Benzo[g,h,i]perylene ...	18.743	77415	0.605 ug/ml

(f)=RT Delta > 1/2 Window

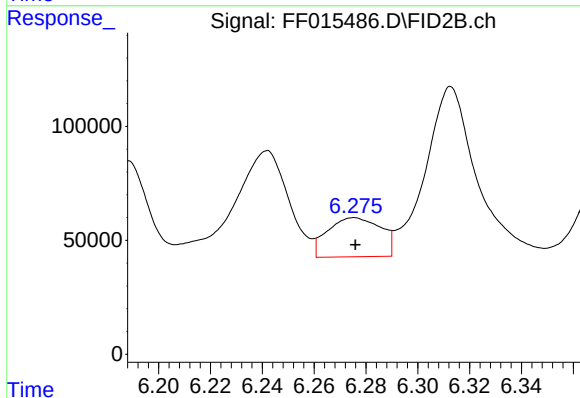
(m)=manual int.



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

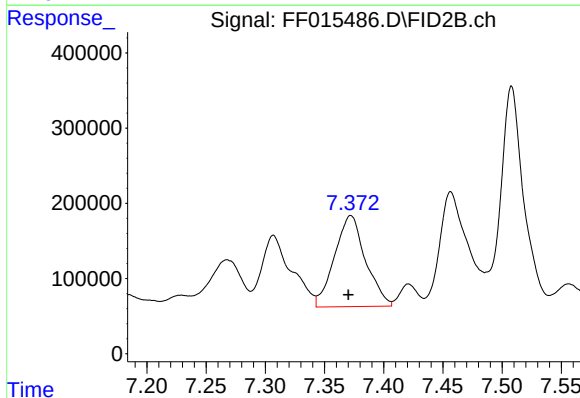
R.T.: 4.605 min
Delta R.T.: -0.002 min
Response: 40921
Conc: 0.30 ug/ml

Instrument :
FID_F
ClientSampleId :



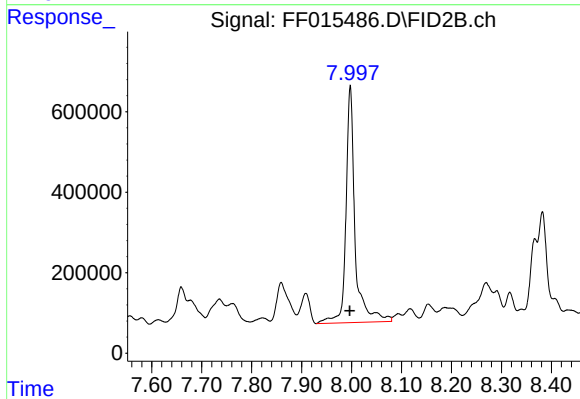
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 243424
Conc: 1.77 ug/ml



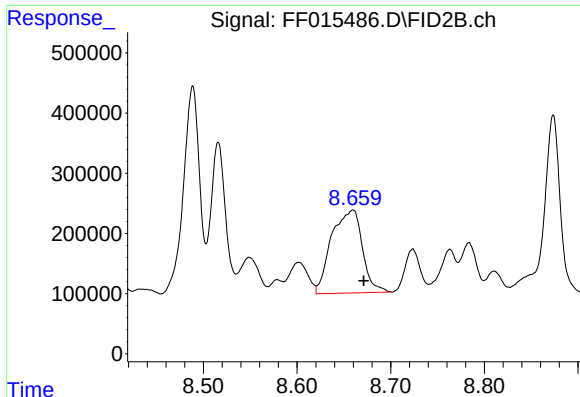
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.002 min
Response: 2212004
Conc: 16.64 ug/ml



#4 2-Bromonaphthalene (SURR)

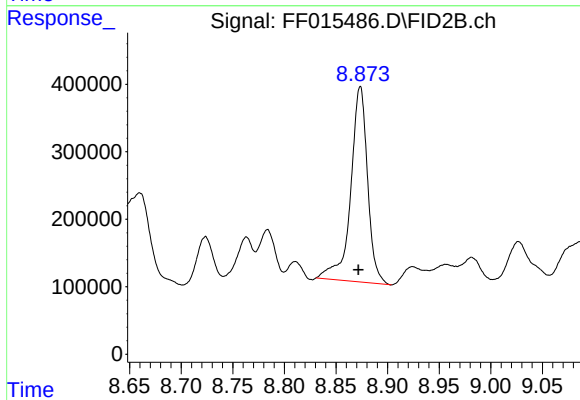
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 7474516
Conc: 62.89 ug/ml



#5 Acenaphthylene (C15.06)

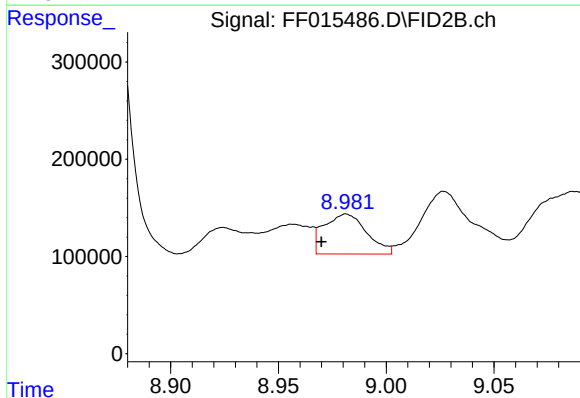
R.T.: 8.659 min
Delta R.T.: -0.013 min
Response: 3161114
Conc: 23.38 ug/ml

Instrument :
FID_F
ClientSampleId :



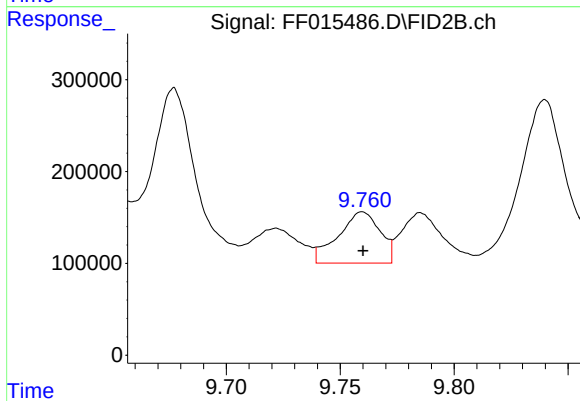
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: 0.002 min
Response: 3300096
Conc: 43.46 ug/ml



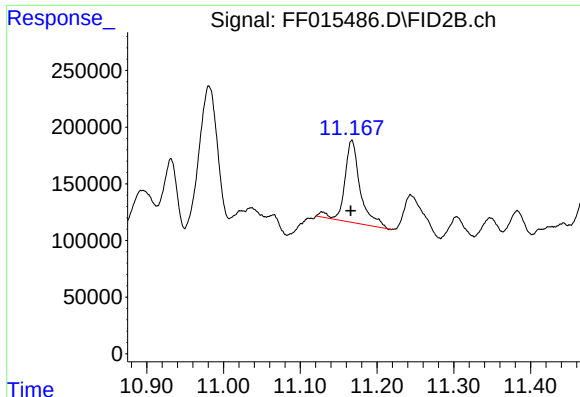
#7 Acenaphthene (C15.5)

R.T.: 8.981 min
Delta R.T.: 0.011 min
Response: 565566
Conc: 4.21 ug/ml



#8 Flouorene (C16.55)

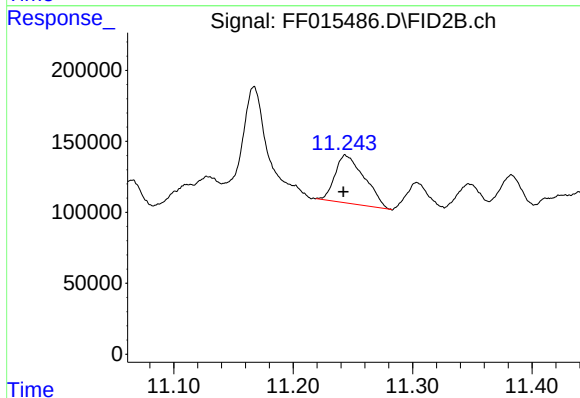
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 713081
Conc: 5.49 ug/ml



#9 Phenanthrene (C19.36)

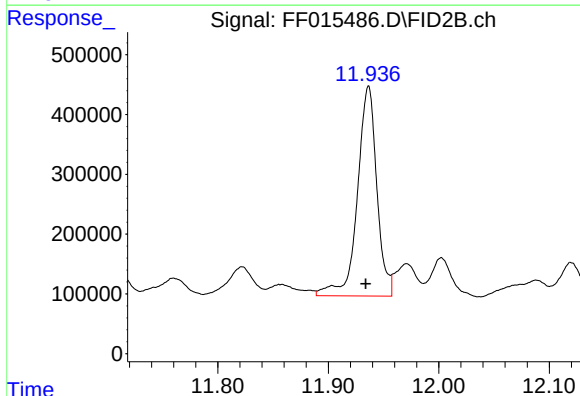
R.T.: 11.167 min
Delta R.T.: 0.002 min
Response: 1018352
Conc: 8.39 ug/ml

Instrument :
FID_F
ClientSampleId :



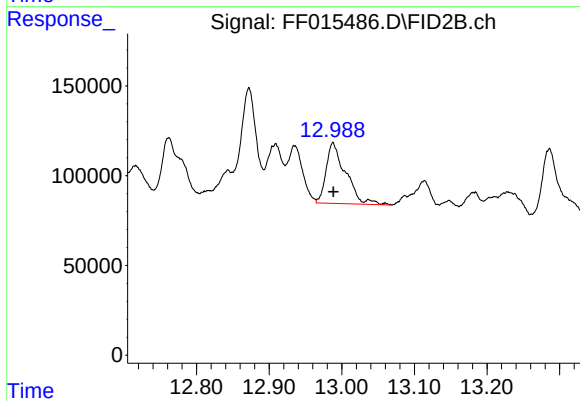
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.002 min
Response: 578959
Conc: 4.83 ug/ml



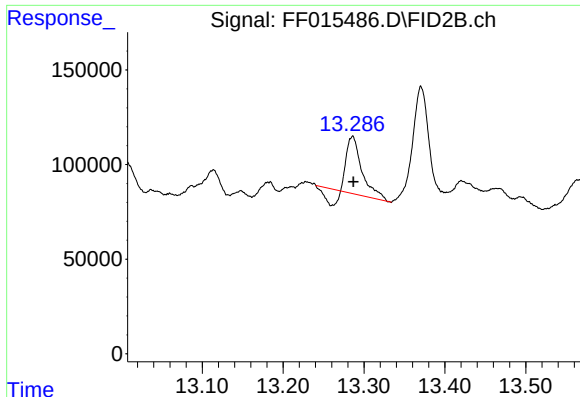
#11 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.002 min
Response: 4295193
Conc: 32.57 ug/ml



#12 Fluoranthene (C21.85)

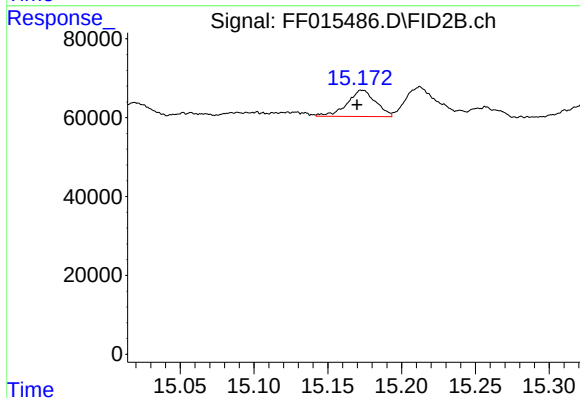
R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 629219
Conc: 5.17 ug/ml



#13 Pyrene (C20.8)

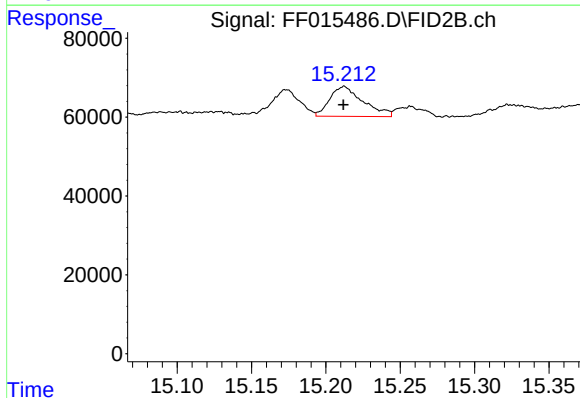
R.T.: 13.286 min
Delta R.T.: -0.001 min
Response: 320700
Conc: 2.64 ug/ml

Instrument :
FID_F
ClientSampleId :



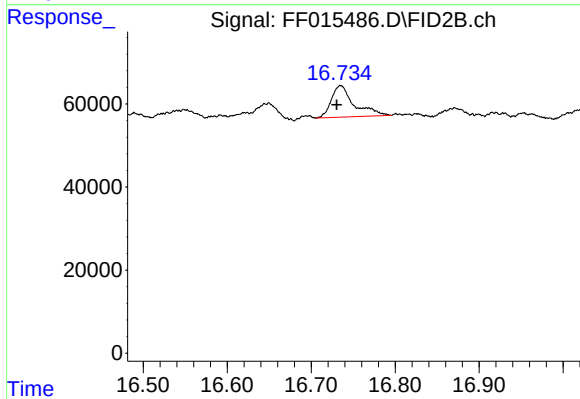
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.173 min
Delta R.T.: 0.004 min
Response: 89524
Conc: 0.82 ug/ml



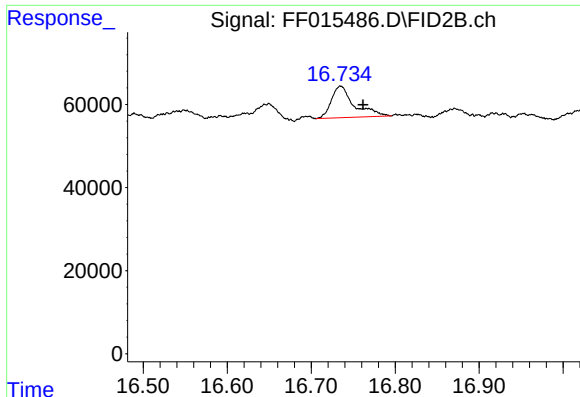
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 117843
Conc: 0.99 ug/ml



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

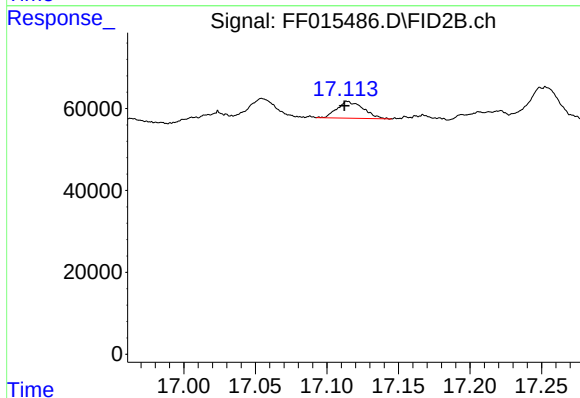
R.T.: 16.735 min
Delta R.T.: 0.004 min
Response: 142502
Conc: 1.23 ug/ml



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

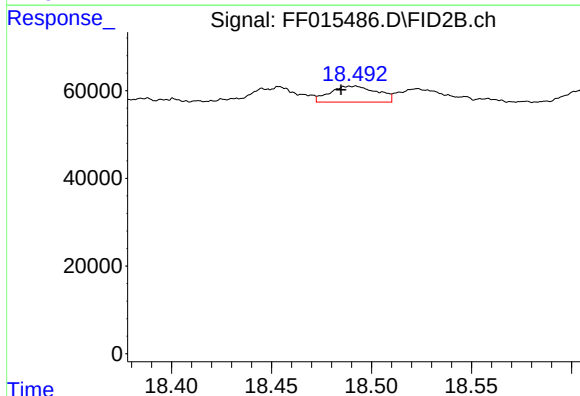
R.T.: 16.735 min
Delta R.T.: -0.027 min
Response: 142502
Conc: 1.18 ug/ml

Instrument :
FID_F
ClientSampleId :



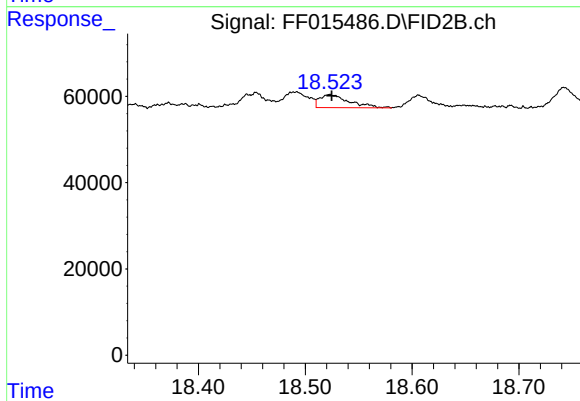
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.115 min
Delta R.T.: 0.003 min
Response: 52406
Conc: 0.47 ug/ml



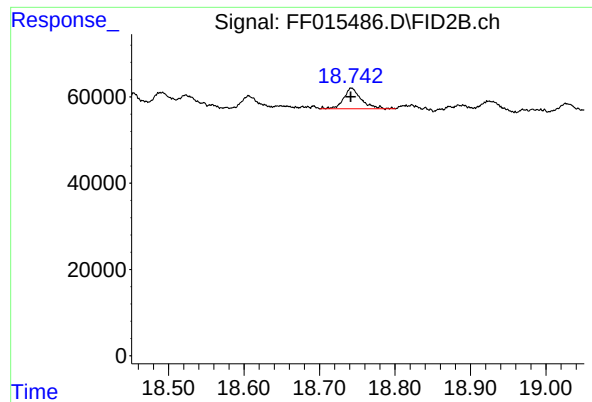
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.490 min
Delta R.T.: 0.006 min
Response: 59728
Conc: 0.54 ug/ml



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

R.T.: 18.523 min
Delta R.T.: -0.002 min
Response: 58133
Conc: 0.47 ug/ml



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

R.T.: 18.743 min
Delta R.T.: 0.001 min
Response: 77415
Conc: 0.60 ug/ml

Instrument :

FID_F

ClientSampleId :