

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043084.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 11:47
 Operator : YP/AJ
 Sample : N3494-14DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:48:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

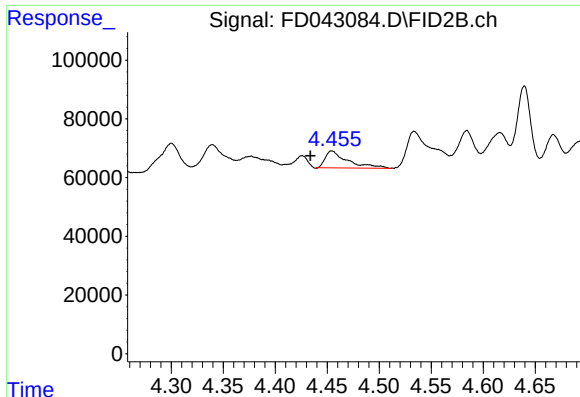
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.631	2804944	18.166 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
6) S 2-Fluorobiphenyl (SURR)	8.495	1761568	16.701 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.40%
11) S ortho-Terphenyl (SURR)	11.539	1382639	7.607 ug/ml
Spiked Amount 50.000		Recovery =	15.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	86077	0.513 ug/ml
2) T Naphthalene (C11.7)	5.967	305164	1.743 ug/ml
3) T 2-Methylnaphthalene (...)	7.016	894304	5.560 ug/ml
5) T Acenaphthylene (C15.06)	8.289	1080612	6.079 ug/ml
7) T Acenaphthene (C15.5)	8.593	1931267	11.029 ug/ml
8) T Fluorene (C16.55)	9.374	1348884	7.782 ug/ml
9) T Phenanthrene (C19.36)	10.772	681388	3.973 ug/ml
10) T Anthracene (C19.43)	10.846	724301	4.263 ug/ml
12) T Fluoranthene (C21.85)	12.585	1351293	8.057 ug/ml
13) T Pyrene (C20.8)	12.882	1024059	6.284 ug/ml
14) T Benzo[a]anthracene (C...	14.753	858204	5.526 ug/ml
15) T Chrysene (C27.41)	14.795	687096	4.353 ug/ml
16) T benzo[b]fluoranthene ...	16.307	1043682	6.847 ug/ml
17) T Bnezo[k]fluoranthene ...	16.385	88185	0.603 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.684	603673	4.221 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	126625	1.012 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	262090	1.950 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	537126	4.118 ug/ml

(f)=RT Delta > 1/2 Window

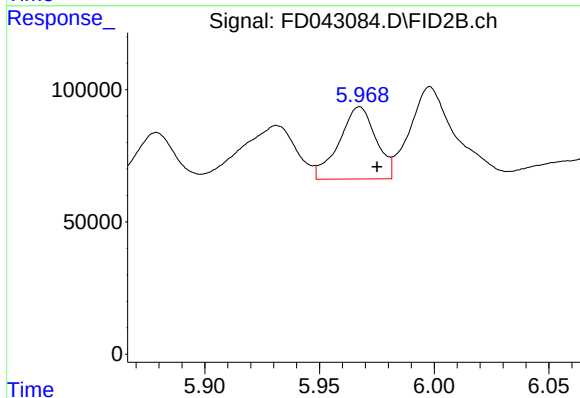
(m)=manual int.



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

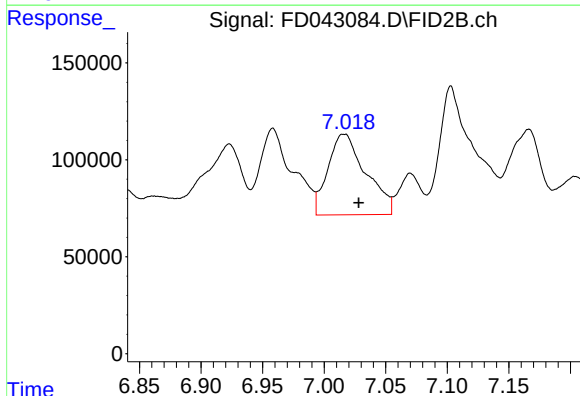
R.T.: 4.455 min
Delta R.T.: 0.021 min
Response: 86077
Conc: 0.51 ug/ml

Instrument :
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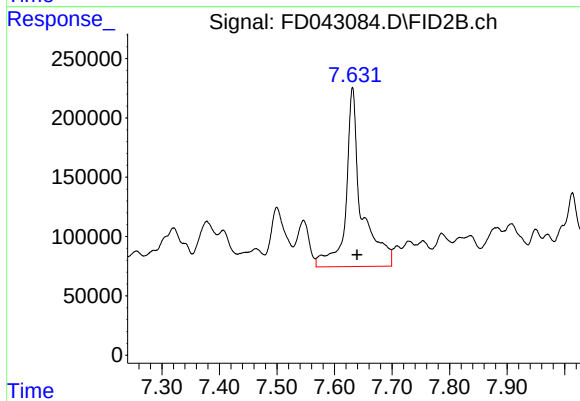
#2 Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.008 min
Response: 305164
Conc: 1.74 ug/ml



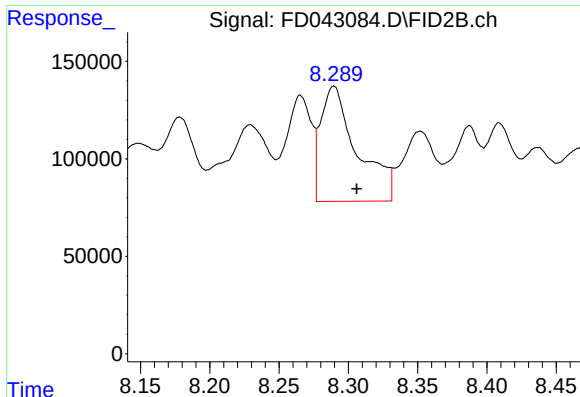
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.012 min
Response: 894304
Conc: 5.56 ug/ml



#4 2-Bromonaphthalene (SURR)

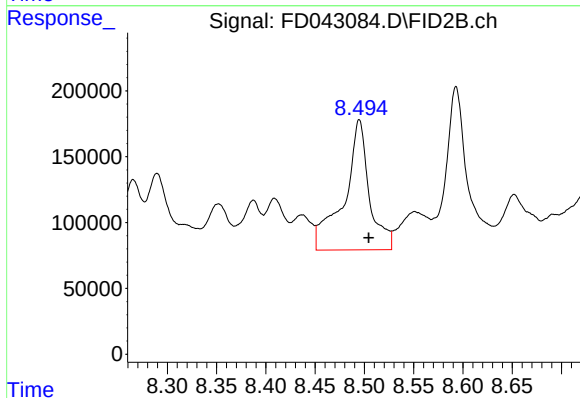
R.T.: 7.631 min
Delta R.T.: -0.008 min
Response: 2804944
Conc: 18.17 ug/ml



#5 Acenaphthylene (C15.06)

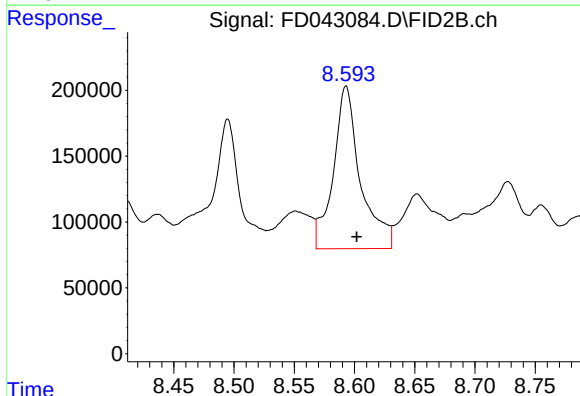
R.T.: 8.289 min
Delta R.T.: -0.016 min
Response: 1080612
Conc: 6.08 ug/ml

Instrument :
FID_D
ClientSampleId :



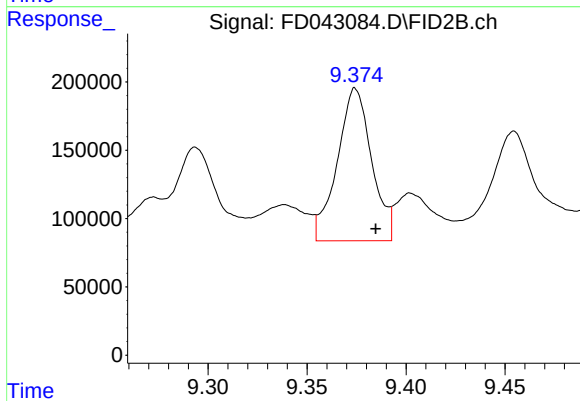
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 1761568
Conc: 16.70 ug/ml



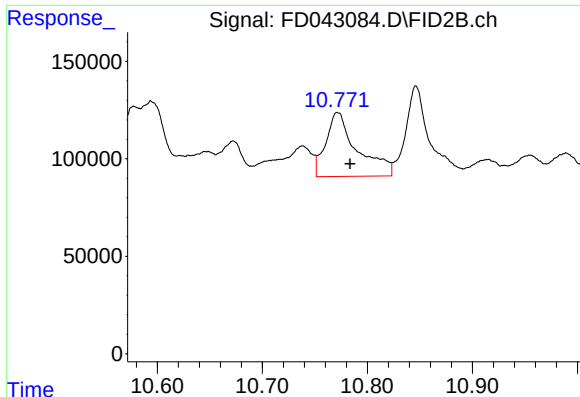
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: -0.009 min
Response: 1931267
Conc: 11.03 ug/ml



#8 Flouorene (C16.55)

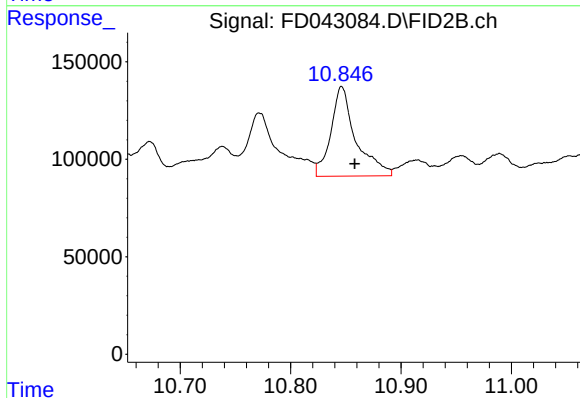
R.T.: 9.374 min
Delta R.T.: -0.010 min
Response: 1348884
Conc: 7.78 ug/ml



#9 Phenanthrene (C19.36)

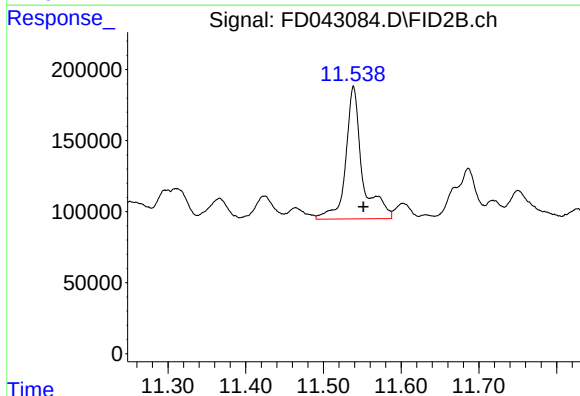
R.T.: 10.772 min
Delta R.T.: -0.012 min
Response: 681388
Conc: 3.97 ug/ml

Instrument :
FID_D
ClientSampleId :



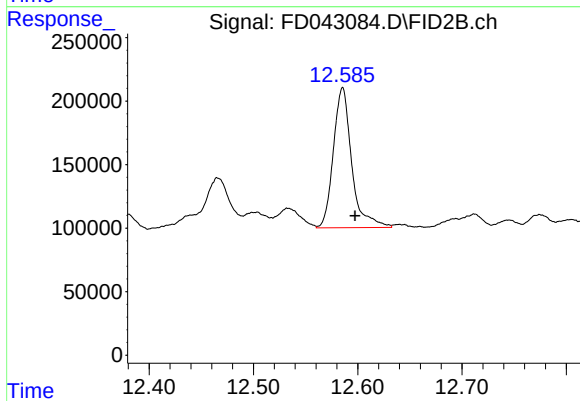
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: -0.012 min
Response: 724301
Conc: 4.26 ug/ml



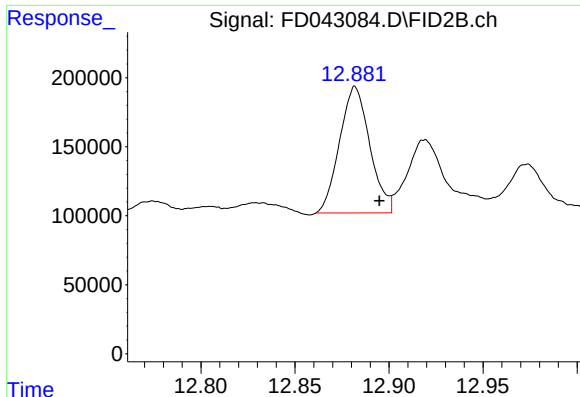
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.013 min
Response: 1382639
Conc: 7.61 ug/ml



#12 Fluoranthene (C21.85)

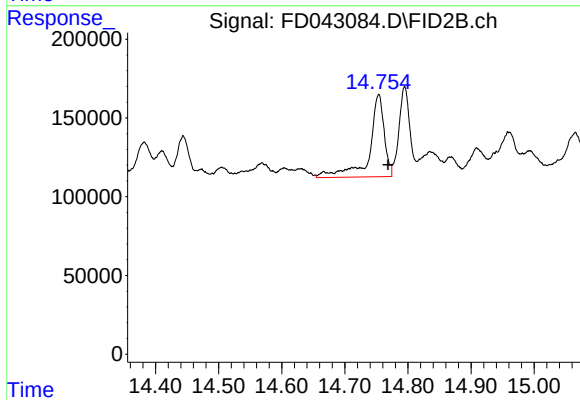
R.T.: 12.585 min
Delta R.T.: -0.012 min
Response: 1351293
Conc: 8.06 ug/ml



#13 Pyrene (C20.8)

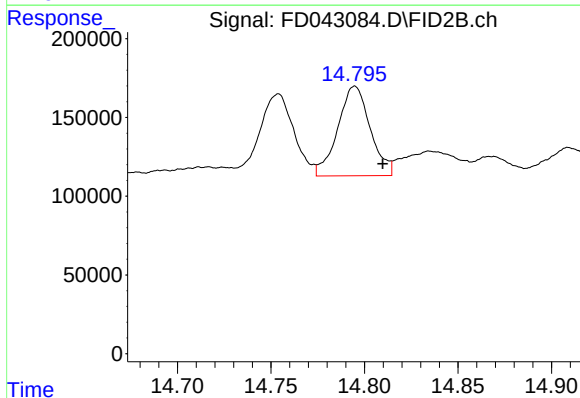
R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 1024059
Conc: 6.28 ug/ml

Instrument :
FID_D
ClientSampleId :



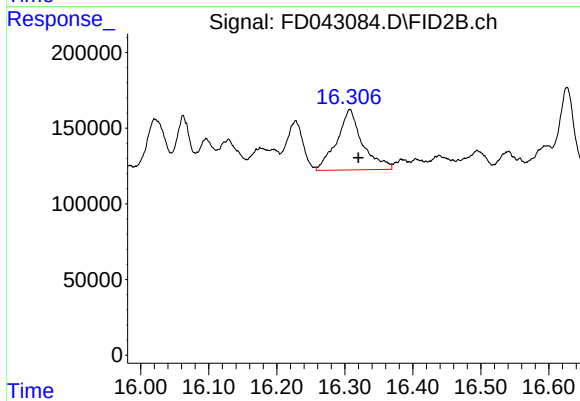
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.015 min
Response: 858204
Conc: 5.53 ug/ml



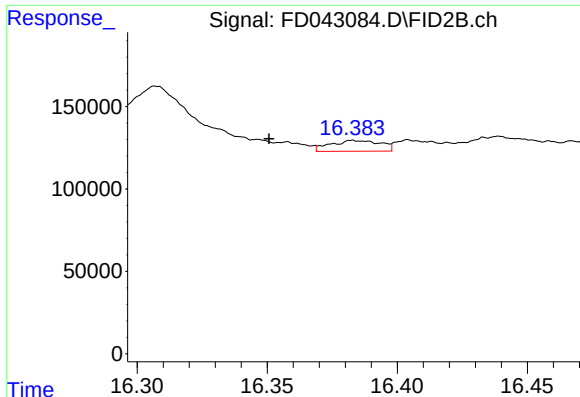
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.015 min
Response: 687096
Conc: 4.35 ug/ml



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

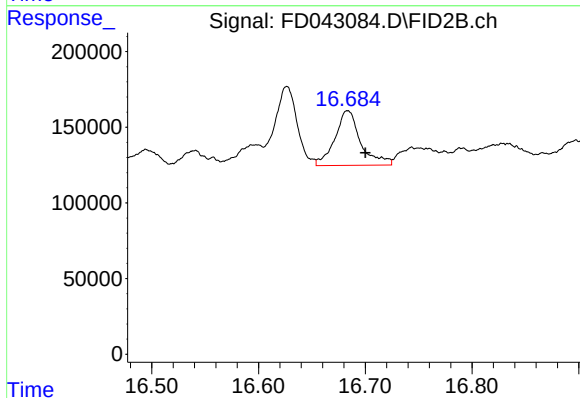
R.T.: 16.307 min
Delta R.T.: -0.013 min
Response: 1043682
Conc: 6.85 ug/ml



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

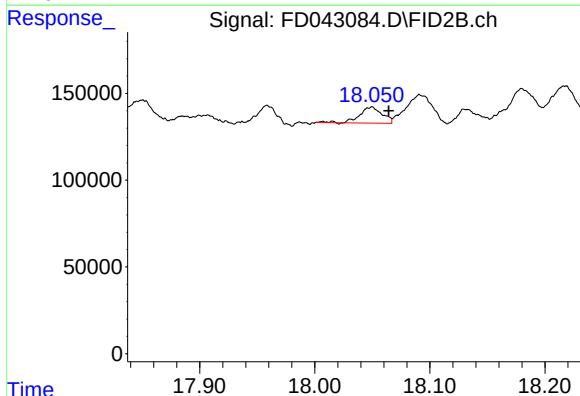
R.T.: 16.385 min
Delta R.T.: 0.034 min
Response: 88185
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



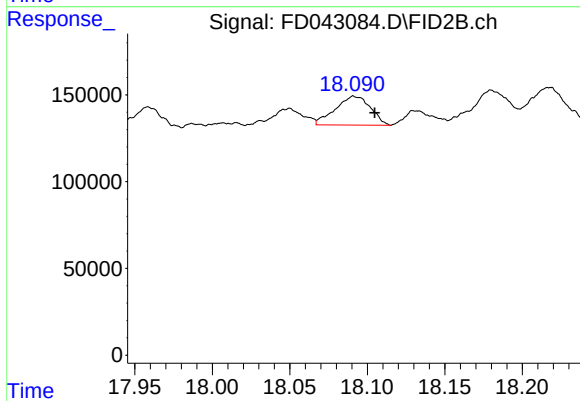
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.684 min
Delta R.T.: -0.016 min
Response: 603673
Conc: 4.22 ug/ml



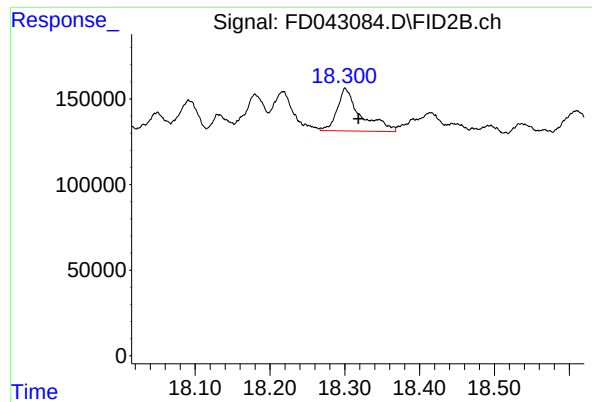
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.049 min
Delta R.T.: -0.015 min
Response: 126625
Conc: 1.01 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.013 min
Response: 262090
Conc: 1.95 ug/ml



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

R.T.: 18.301 min
Delta R.T.: -0.017 min
Response: 537126
Conc: 4.12 ug/ml

Instrument :

FID_D

ClientSampleId :