

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045423.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 00:21
 Operator : YP/AJ
 Sample : 02139-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 07:14:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

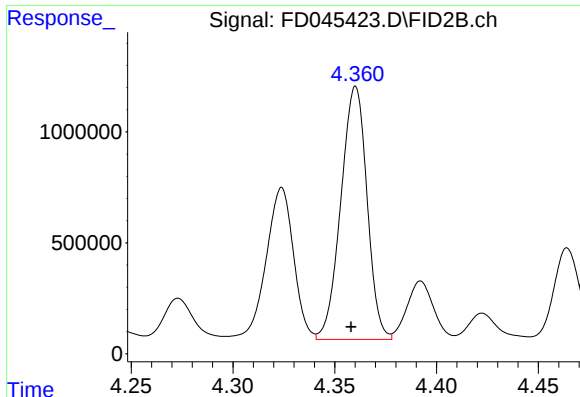
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.570	32502465	237.229 ug/ml
Spiked Amount 50.000		Recovery =	474.46%
6) S 2-Fluorobiphenyl (SURR)	8.430	32222557	359.436 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	718.87%#
11) S ortho-Terphenyl (SURR)	11.467	31008670	178.227 ug/ml
Spiked Amount 50.000		Recovery =	356.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	10204406	65.504 ug/ml
2) T Naphthalene (C11.7)	5.898	11150255	69.382 ug/ml
3) T 2-Methylnaphthalene (...)	6.970	56404736	352.354 ug/ml
5) T Acenaphthylene (C15.06)	8.233	43073401	294.187 ug/ml
7) T Acenaphthene (C15.5)	8.497	15249770	98.318 ug/ml
8) T Fluorene (C16.55)	9.278	11578733	78.083 ug/ml
9) T Phenanthrene (C19.36)	10.666	20613219	142.301 ug/ml
10) T Anthracene (C19.43)	10.737	12567782	90.923 ug/ml
12) T Fluoranthene (C21.85)	12.456	28713400	199.577 ug/ml
13) T Pyrene (C20.8)	12.800	21492904	152.866 ug/ml
14) T Benzo[a]anthracene (C...	14.651	8614080	67.170 ug/ml
15) T Chrysene (C27.41)	14.693	6787316	51.186 ug/ml
16) T benzo[b]fluoranthene ...	16.188	4936197	37.999 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	4859781	38.370 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	4349702	34.596 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	4117859	34.791 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	4226465	35.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	4475686	35.831 ug/ml

(f)=RT Delta > 1/2 Window

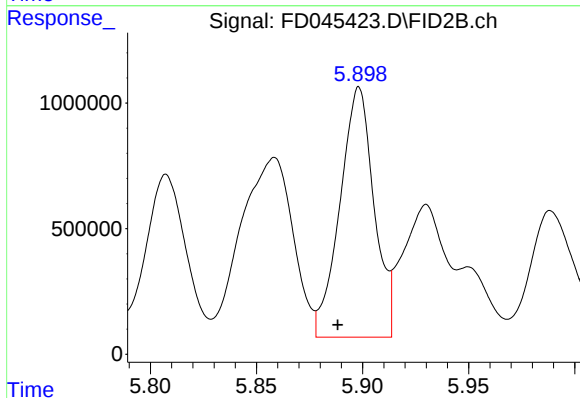
(m)=manual int.



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

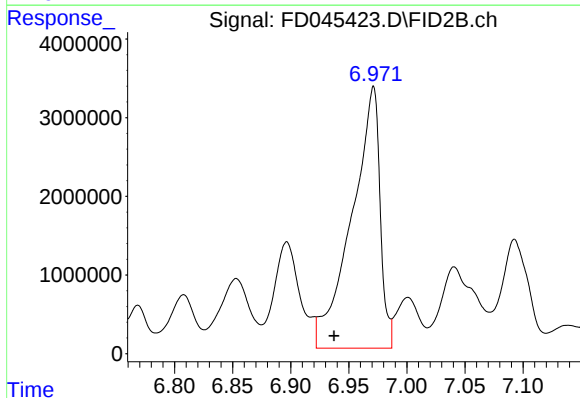
R.T.: 4.360 min
Delta R.T.: 0.002 min
Response: 10204406
Conc: 65.50 ug/ml

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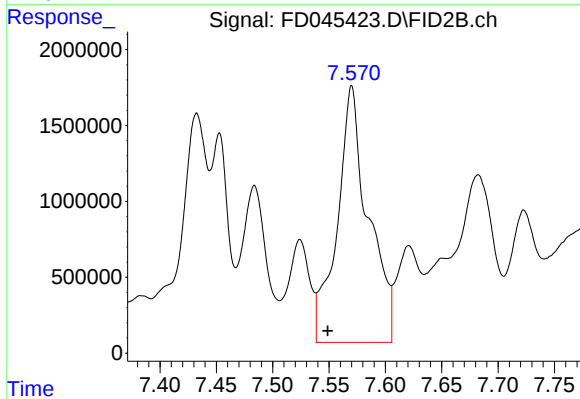
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.010 min
Response: 11150255
Conc: 69.38 ug/ml



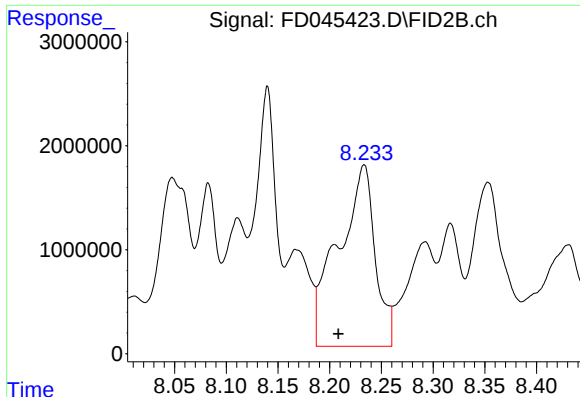
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: 0.033 min
Response: 56404736
Conc: 352.35 ug/ml



#4 2-Bromonaphthalene (SURR)

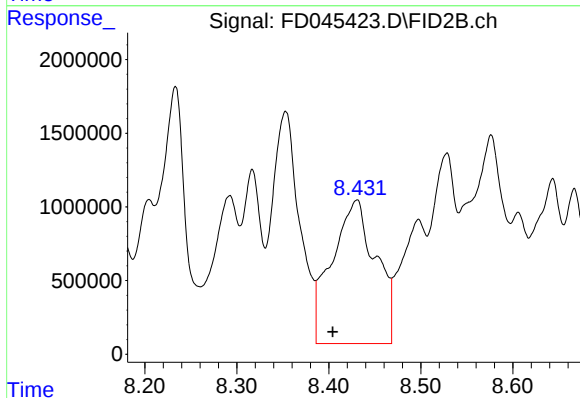
R.T.: 7.570 min
Delta R.T.: 0.021 min
Response: 32502465
Conc: 237.23 ug/ml



#5 Acenaphthylene (C15.06)

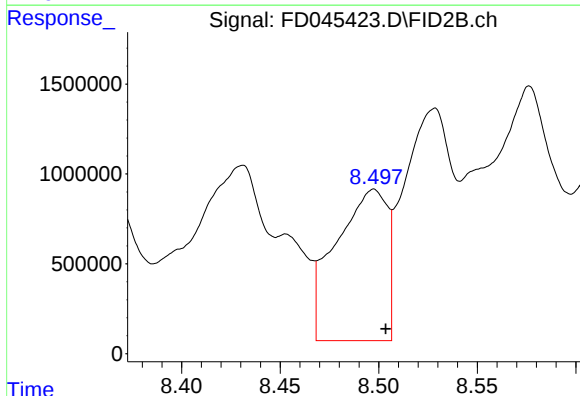
R.T.: 8.233 min
Delta R.T.: 0.025 min
Response: 43073401
Conc: 294.19 ug/ml

Instrument :
FID_D
ClientSampleId :



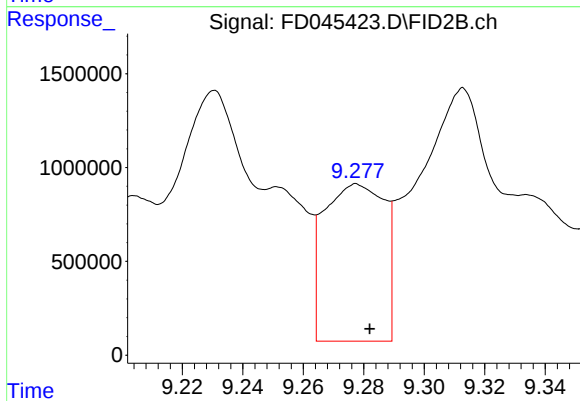
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.430 min
Delta R.T.: 0.026 min
Response: 32222557
Conc: 359.44 ug/ml



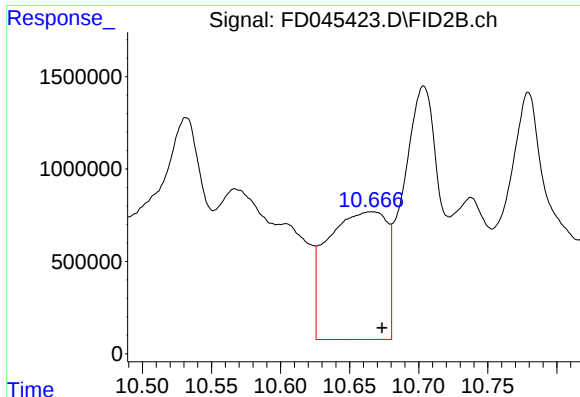
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: -0.006 min
Response: 15249770
Conc: 98.32 ug/ml



#8 Fluorene (C16.55)

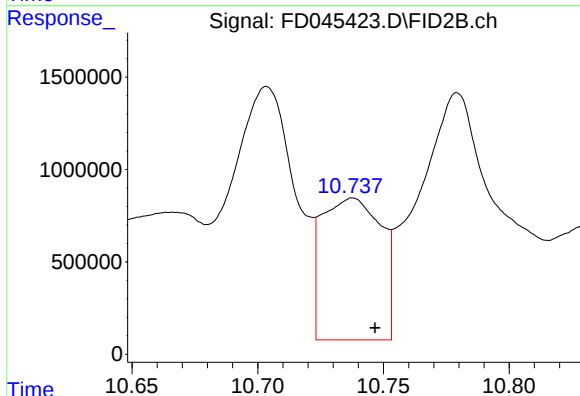
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 11578733
Conc: 78.08 ug/ml



#9 Phenanthrene (C19.36)

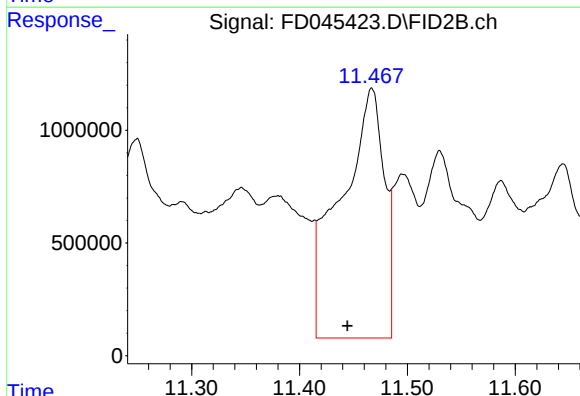
R.T.: 10.666 min
Delta R.T.: -0.008 min
Response: 20613219
Conc: 142.30 ug/ml

Instrument :
FID_D
ClientSampleId :



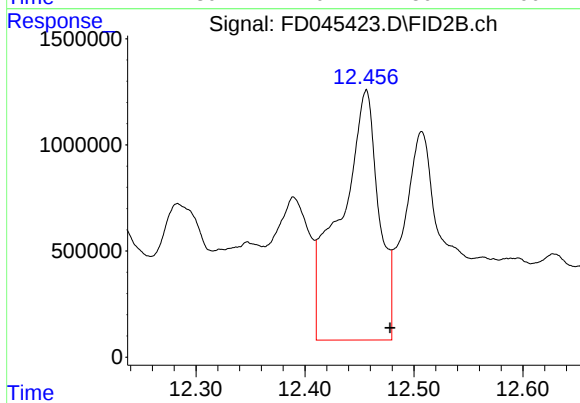
#10 Anthracene (C19.43)

R.T.: 10.737 min
Delta R.T.: -0.009 min
Response: 12567782
Conc: 90.92 ug/ml



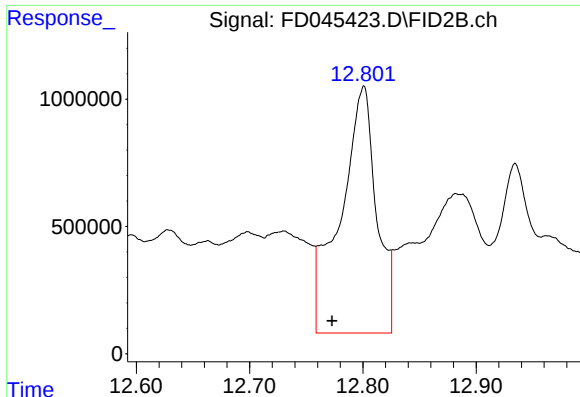
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: 0.022 min
Response: 31008670
Conc: 178.23 ug/ml



#12 Fluoranthene (C21.85)

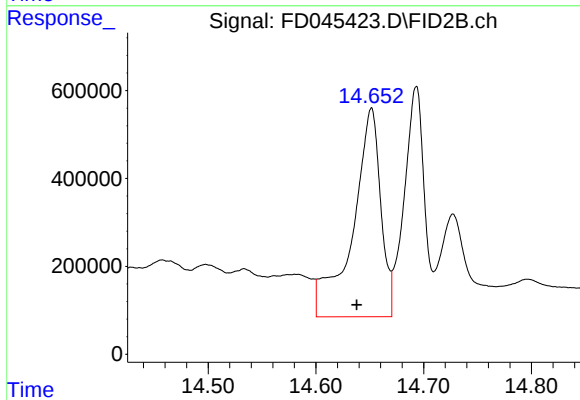
R.T.: 12.456 min
Delta R.T.: -0.022 min
Response: 28713400
Conc: 199.58 ug/ml



#13 Pyrene (C20.8)

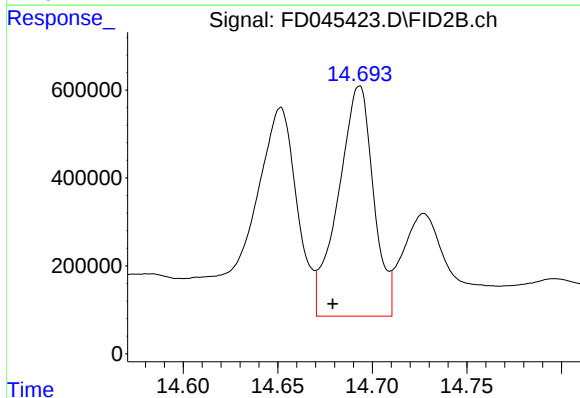
R.T.: 12.800 min
Delta R.T.: 0.027 min
Response: 21492904
Conc: 152.87 ug/ml

Instrument :
FID_D
ClientSampleId :



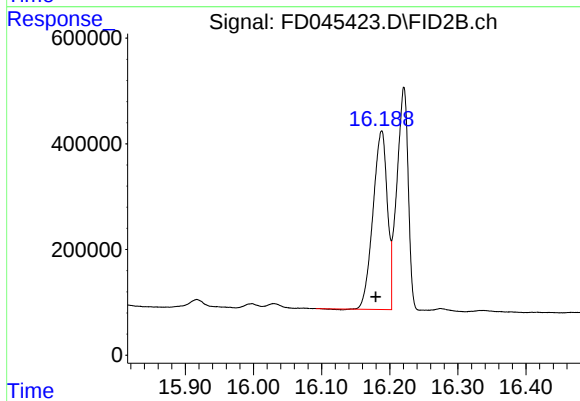
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.651 min
Delta R.T.: 0.013 min
Response: 8614080
Conc: 67.17 ug/ml



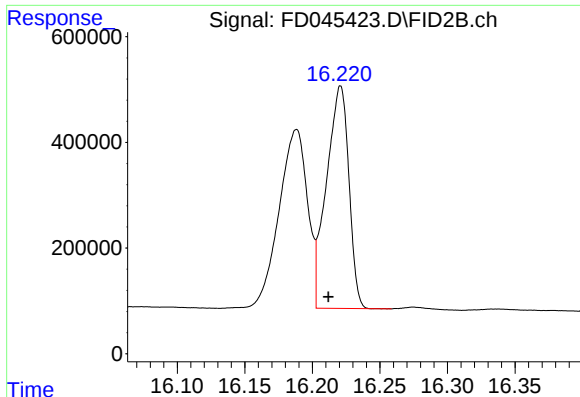
#15 Chrysene (C27.41)

R.T.: 14.693 min
Delta R.T.: 0.014 min
Response: 6787316
Conc: 51.19 ug/ml



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

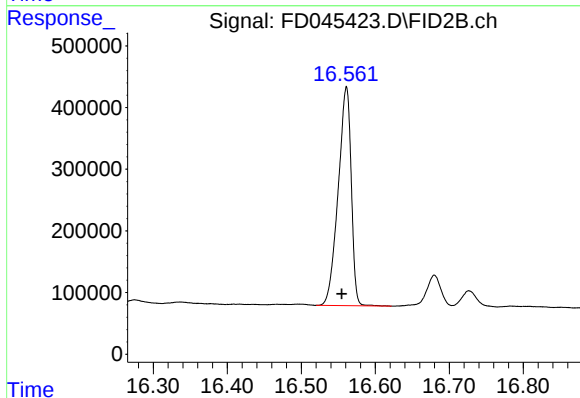
R.T.: 16.188 min
Delta R.T.: 0.008 min
Response: 4936197
Conc: 38.00 ug/ml



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

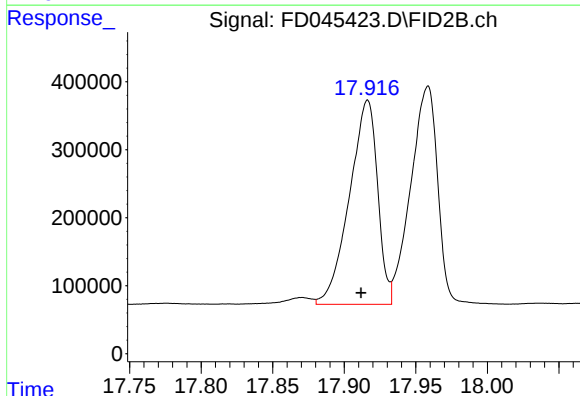
R.T.: 16.220 min
Delta R.T.: 0.009 min
Response: 4859781
Conc: 38.37 ug/ml

Instrument :
FID_D
ClientSampleId :



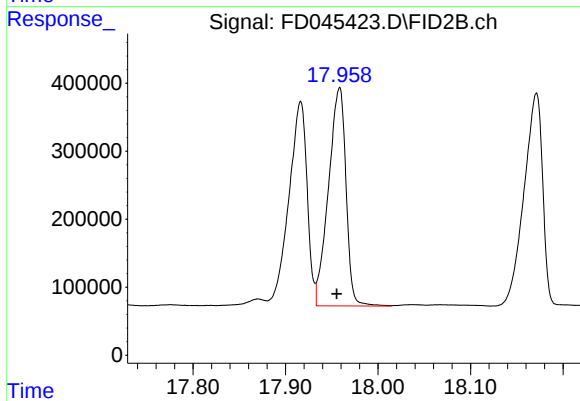
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.006 min
Response: 4349702
Conc: 34.60 ug/ml



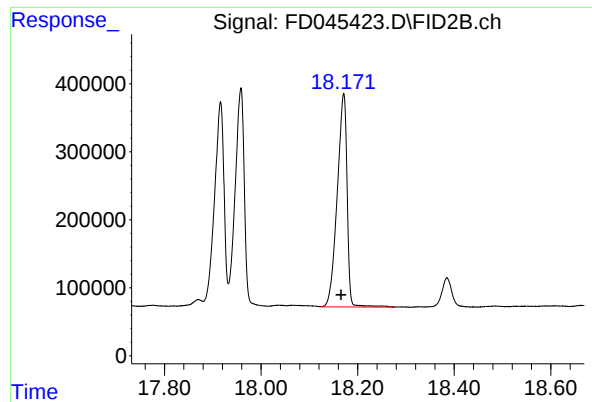
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.004 min
Response: 4117859
Conc: 34.79 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.003 min
Response: 4226465
Conc: 35.48 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.005 min
Response: 4475686
Conc: 35.83 ug/ml

Instrument :

FID_D

ClientSampleId :