

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044611.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2022 09:50
 Operator : YP/AJ
 Sample : N5863-01MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SAND-PILE-1MS

Integration File: autoint1.e
 Quant Time: Dec 07 11:05:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

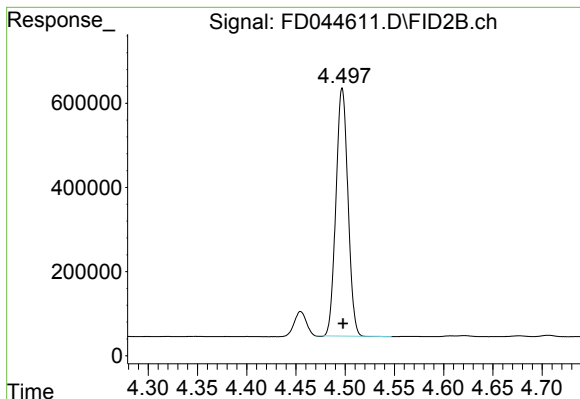
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.680	6833223	52.652 ug/ml
Spiked Amount 50.000		Recovery =	105.30%
6) S 2-Fluorobiphenyl (SURR)	8.538	4627813	52.400 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.80%
11) S ortho-Terphenyl (SURR)	11.566	6929305	42.578 ug/ml
Spiked Amount 50.000		Recovery =	85.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	4998245	35.025 ug/ml
2) T Naphthalene (C11.7)	6.026	6191486	41.179 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	5888769	38.975 ug/ml
5) T Acenaphthylene (C15.06)	8.342	6689807	48.122 ug/ml
7) T Acenaphthene (C15.5)	8.637	6334600	43.164 ug/ml
8) T Flouorene (C16.55)	9.413	6805018	47.196 ug/ml
9) T Phenanthrene (C19.36)	10.804	7124399	49.960 ug/ml
10) T Anthracene (C19.43)	10.878	6847195	49.284 ug/ml
12) T Fluoranthene (C21.85)	12.606	7297647	51.191 ug/ml
13) T Pyrene (C20.8)	12.902	7067729	50.785 ug/ml
14) T Benzo[a]anthracene (C...	14.762	6916820	53.457 ug/ml
15) T Chrysene (C27.41)	14.806	7354770	54.554 ug/ml
16) T benzo[b]fluoranthene ...	16.303	6977270	53.011 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	6455209	49.572 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	6085702	47.089 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	6768058	53.104 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	6430974	51.111 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	6508630	50.604 ug/ml

(f)=RT Delta > 1/2 Window

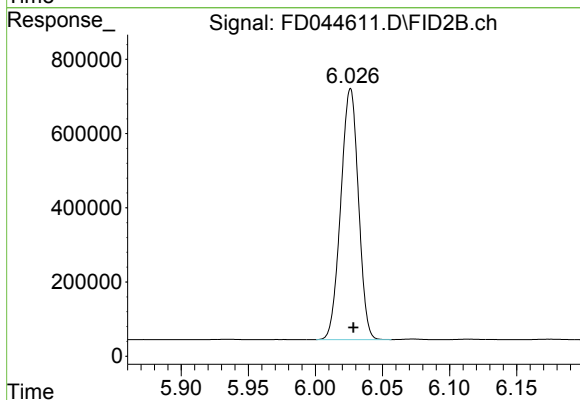
(m)=manual int.



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

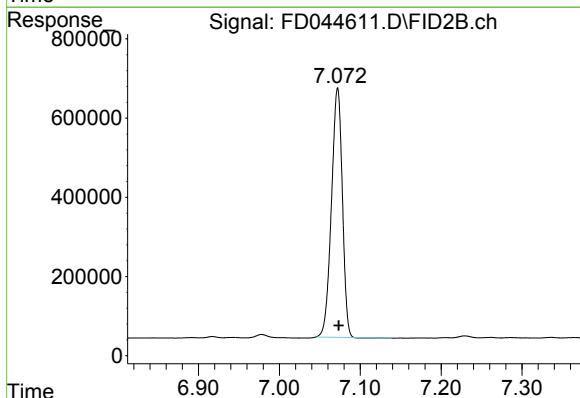
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 4998245
Conc: 35.02 ug/ml

Instrument :
FID_D
ClientSampleId :
SAND-PILE-1MS



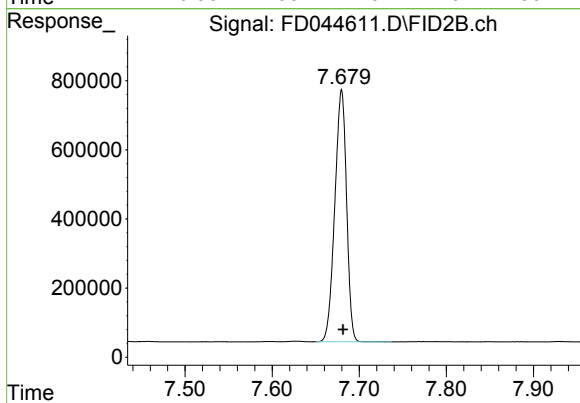
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 6191486
Conc: 41.18 ug/ml



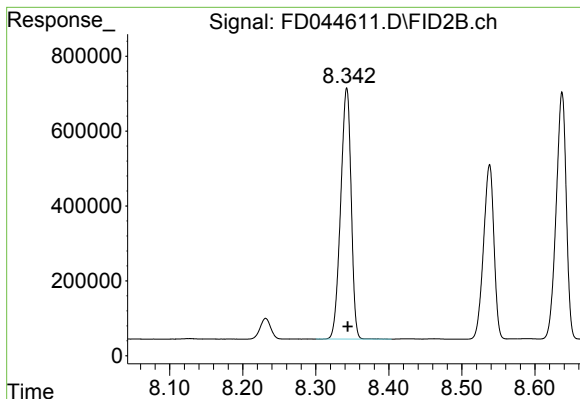
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 5888769
Conc: 38.98 ug/ml



#4 2-Bromonaphthalene (SURR)

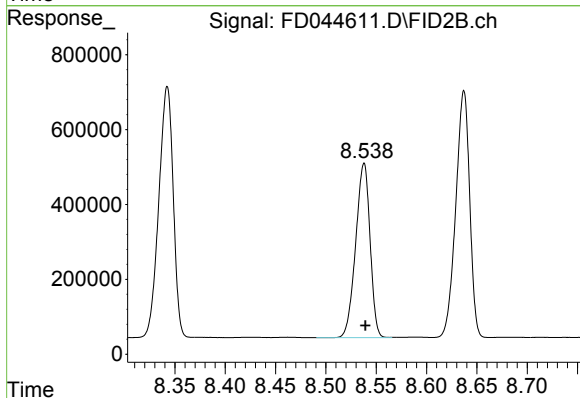
R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 6833223
Conc: 52.65 ug/ml



#5 Acenaphthylene (C15.06)

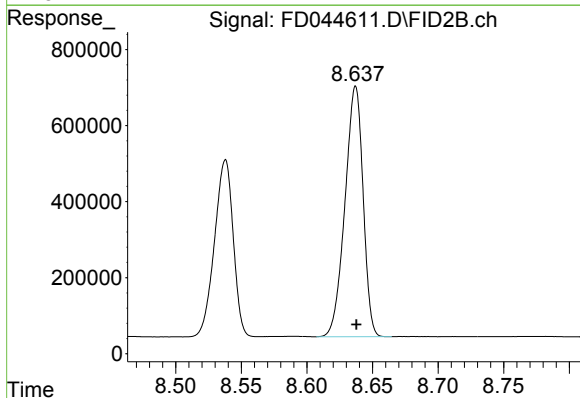
R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 6689807
Conc: 48.12 ug/ml

Instrument :
FID_D
ClientSampleId :
SAND-PILE-1MS



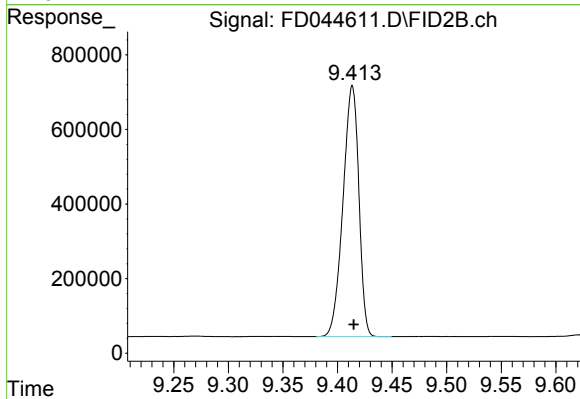
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 4627813
Conc: 52.40 ug/ml



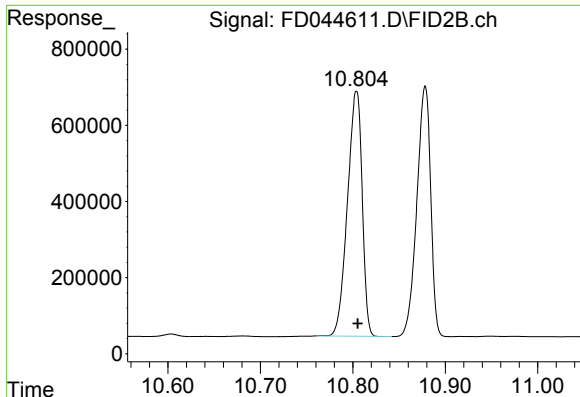
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 6334600
Conc: 43.16 ug/ml



#8 Fluorene (C16.55)

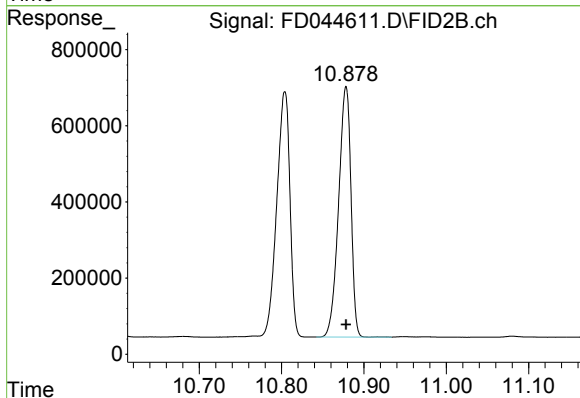
R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 6805018
Conc: 47.20 ug/ml



#9 Phenanthrene (C19.36)

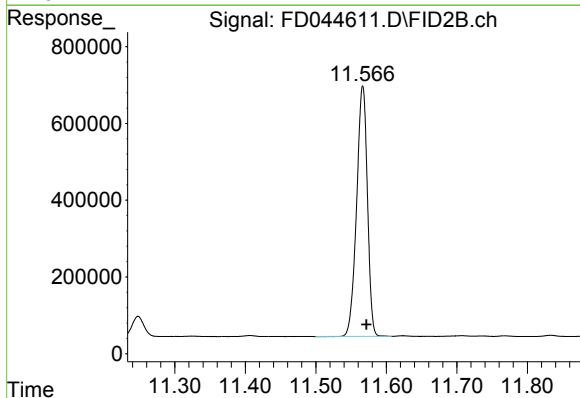
R.T.: 10.804 min
Delta R.T.: -0.002 min
Response: 7124399
Conc: 49.96 ug/ml

Instrument :
FID_D
ClientSampleId :
SAND-PILE-1MS



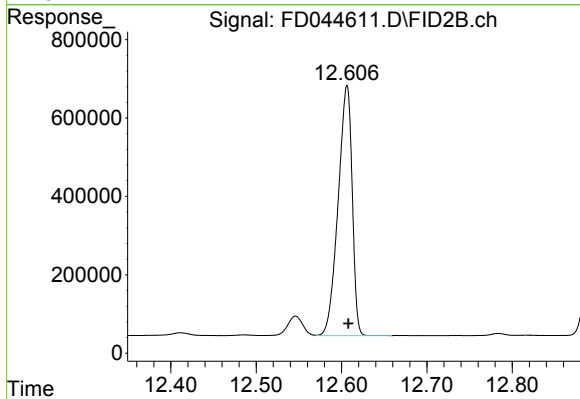
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: 0.000 min
Response: 6847195
Conc: 49.28 ug/ml



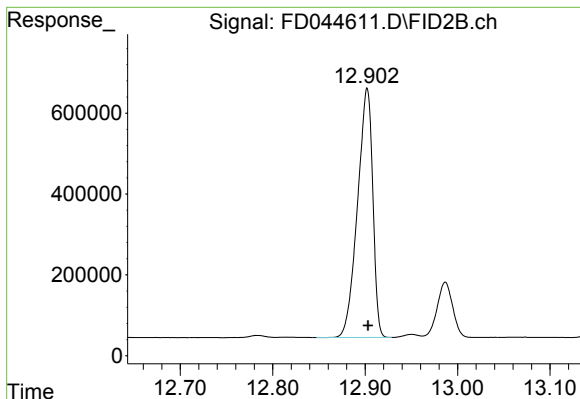
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.005 min
Response: 6929305
Conc: 42.58 ug/ml



#12 Fluoranthene (C21.85)

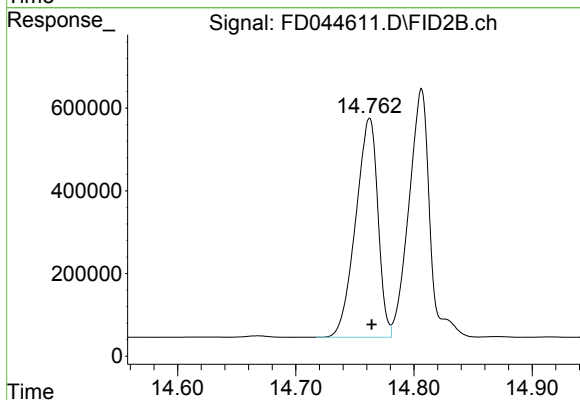
R.T.: 12.606 min
Delta R.T.: -0.002 min
Response: 7297647
Conc: 51.19 ug/ml



#13 Pyrene (C20.8)

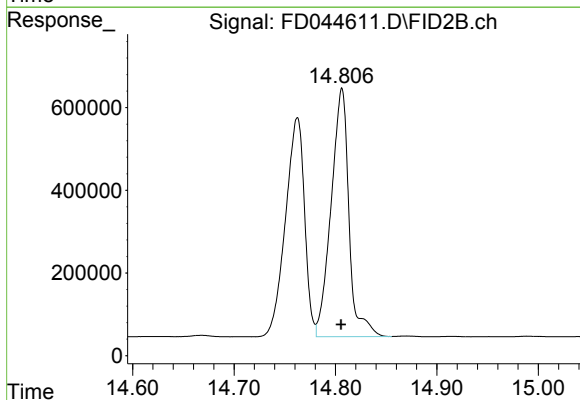
R.T.: 12.902 min
Delta R.T.: -0.001 min
Response: 7067729
Conc: 50.79 ug/ml

Instrument :
FID_D
ClientSampleId :
SAND-PILE-1MS



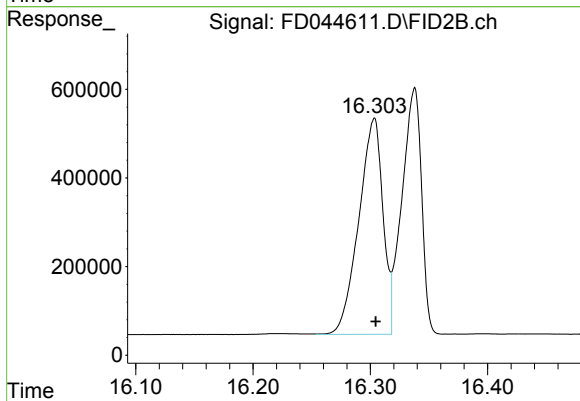
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min
Delta R.T.: -0.002 min
Response: 6916820
Conc: 53.46 ug/ml



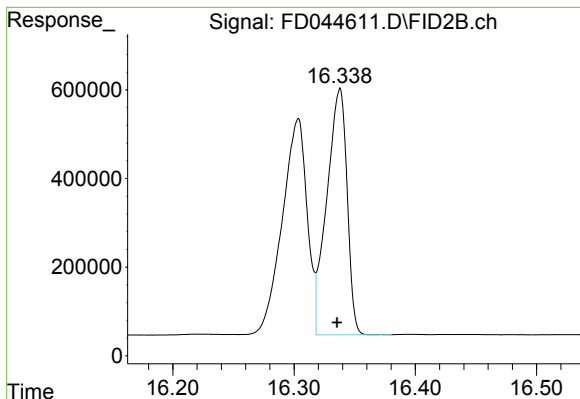
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: 0.000 min
Response: 7354770
Conc: 54.55 ug/ml



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

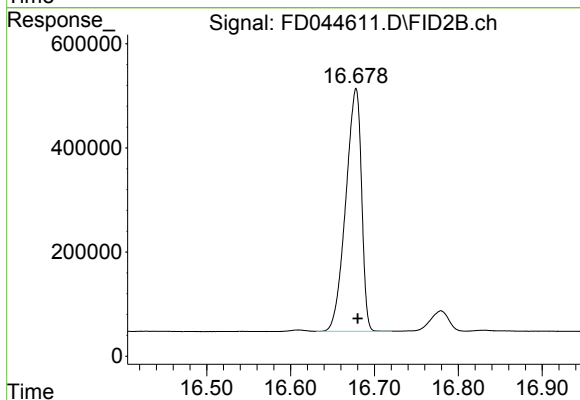
R.T.: 16.303 min
Delta R.T.: -0.002 min
Response: 6977270
Conc: 53.01 ug/ml



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

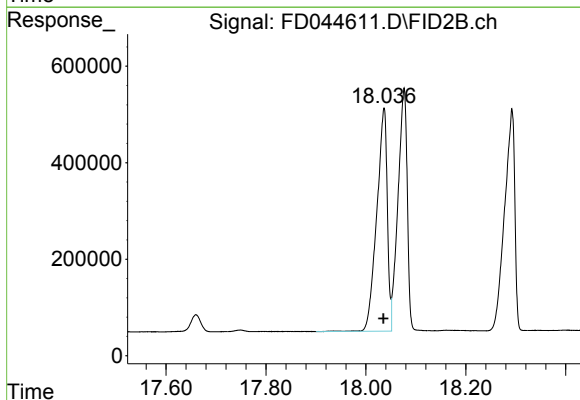
R.T.: 16.337 min
Delta R.T.: 0.002 min
Response: 6455209
Conc: 49.57 ug/ml

Instrument :
FID_D
ClientSampleId :
SAND-PILE-1MS



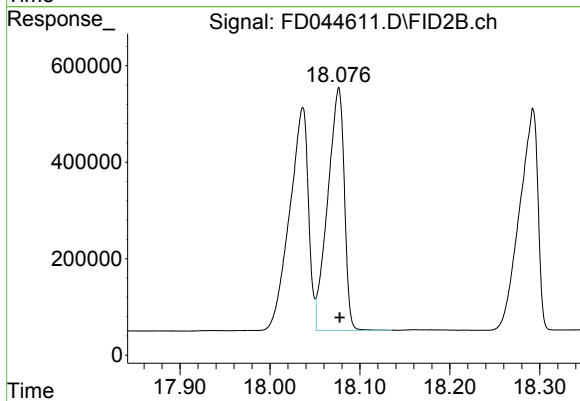
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.003 min
Response: 6085702
Conc: 47.09 ug/ml



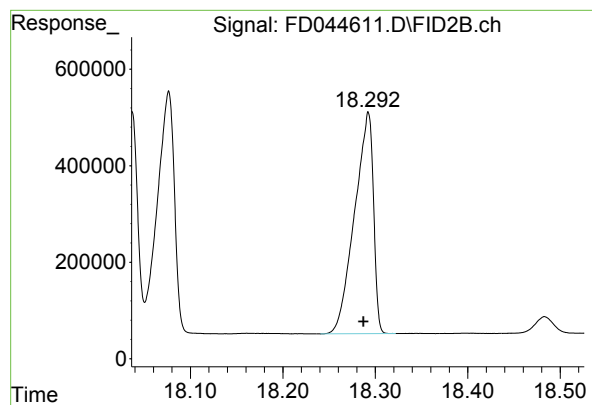
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 6768058
Conc: 53.10 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.002 min
Response: 6430974
Conc: 51.11 ug/ml



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

R.T.: 18.292 min
Delta R.T.: 0.005 min
Response: 6508630
Conc: 50.60 ug/ml

Instrument :

FID_D

ClientSampleId :

SAND-PILE-1MS