

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044612.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2022 10:34
 Operator : YP/AJ
 Sample : N5863-01MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SAND-PILE-1MSD

Integration File: autoint1.e
 Quant Time: Dec 07 17:03:09 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...	7.679	6448621	49.689 ug/ml
Spiked Amount 50.000		Recovery =	99.38%
6) S 2-Fluorobiphenyl (SURR)	8.537	4369112	49.471 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.94%
11) S ortho-Terphenyl (SURR)	11.566	6535034	40.155 ug/ml
Spiked Amount 50.000		Recovery =	80.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	4730177	33.147 ug/ml
2) T Naphthalene (C11.7)	6.026	5833845	38.801 ug/ml
3) T 2-Methylnaphthalene (...)	7.071	5551849	36.745 ug/ml
5) T Acenaphthylene (C15.06)	8.342	6314300	45.421 ug/ml
7) T Acenaphthene (C15.5)	8.636	5984083	40.776 ug/ml
8) T Flouorene (C16.55)	9.413	6429873	44.594 ug/ml
9) T Phenanthrene (C19.36)	10.802	6745676	47.304 ug/ml
10) T Anthracene (C19.43)	10.877	6477881	46.626 ug/ml
12) T Fluoranthene (C21.85)	12.605	6908522	48.461 ug/ml
13) T Pyrene (C20.8)	12.900	6701989	48.157 ug/ml
14) T Benzo[a]anthracene (C...	14.761	6553168	50.646 ug/ml
15) T Chrysene (C27.41)	14.805	6958712	51.617 ug/ml
16) T benzo[b]fluoranthene ...	16.301	6603290	50.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	6103841	46.874 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	5770144	44.648 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	6410326	50.297 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	6193883	49.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	6177035	48.026 ug/ml

(f)=RT Delta > 1/2 Window

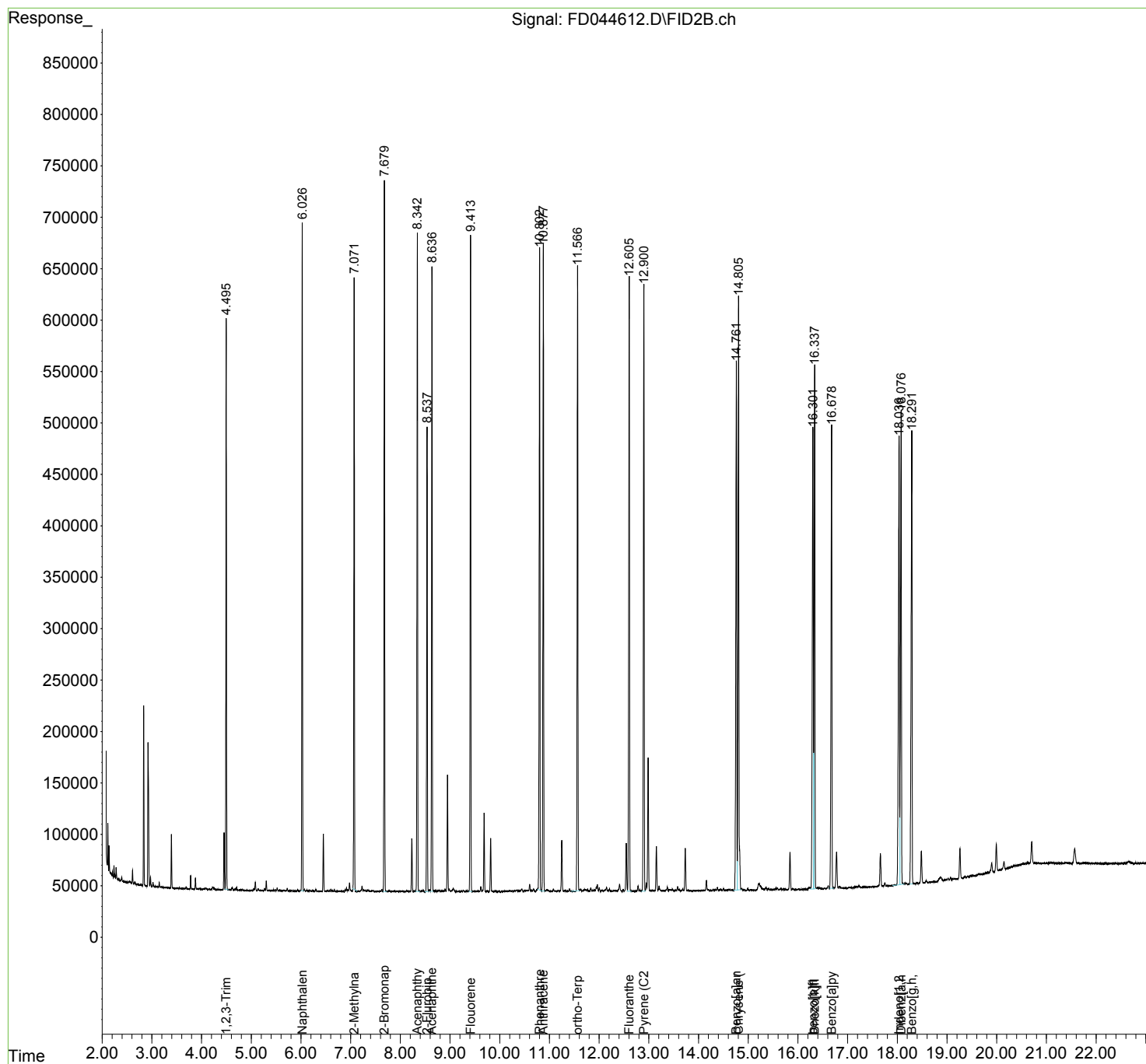
(m)=manual int.

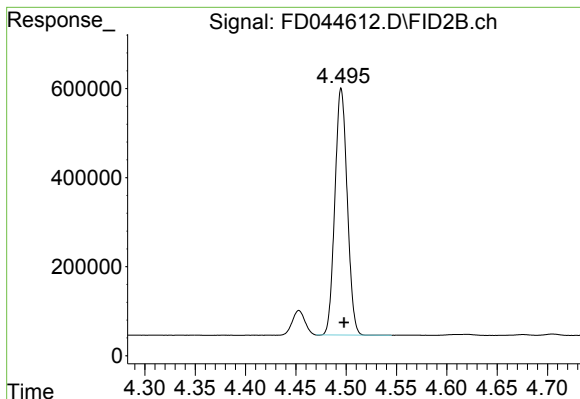
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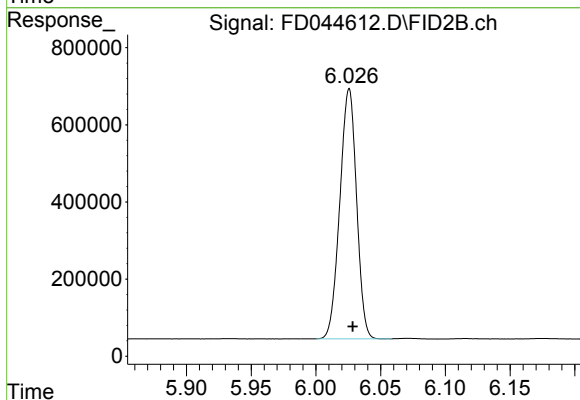




#1 1,2,3-Trimethylbenzene (C10.1)

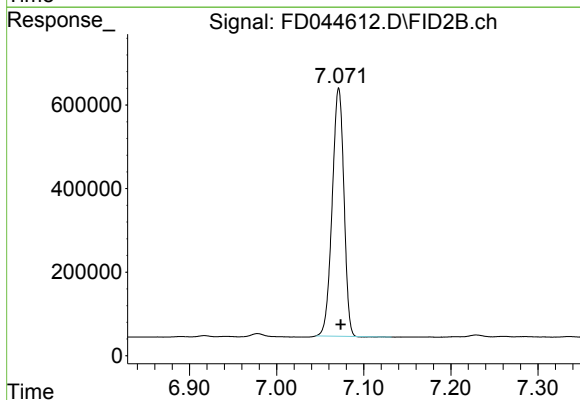
R.T.: 4.495 min
Delta R.T.: -0.003 min
Response: 4730177
Conc: 33.15 ug/ml

Instrument :
FID_D
ClientSampleId :
SAND-PILE-1MSD



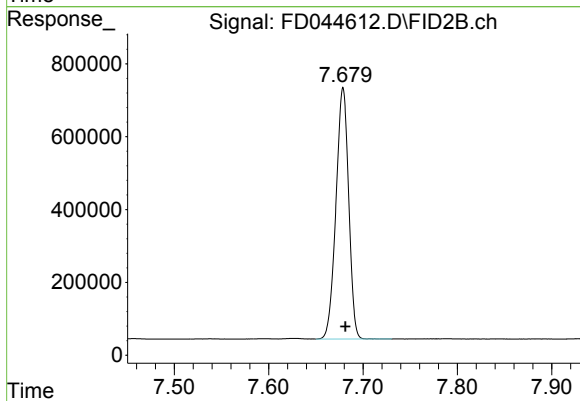
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 5833845
Conc: 38.80 ug/ml



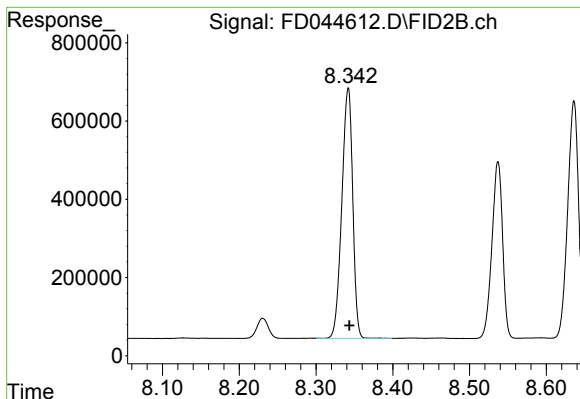
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 5551849
Conc: 36.75 ug/ml



#4 2-Bromonaphthalene (SURR)

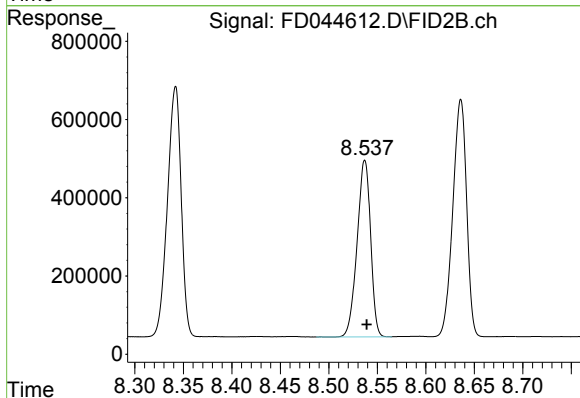
R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 6448621
Conc: 49.69 ug/ml



#5 Acenaphthylene (C15.06)

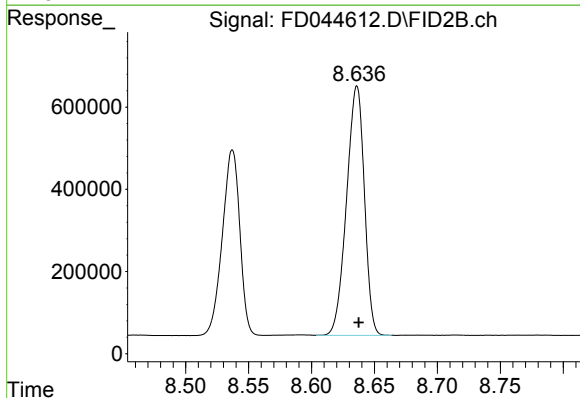
R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 6314300
Conc: 45.42 ug/ml

Instrument :
FID_D
ClientSampleId :
SAND-PILE-1MSD



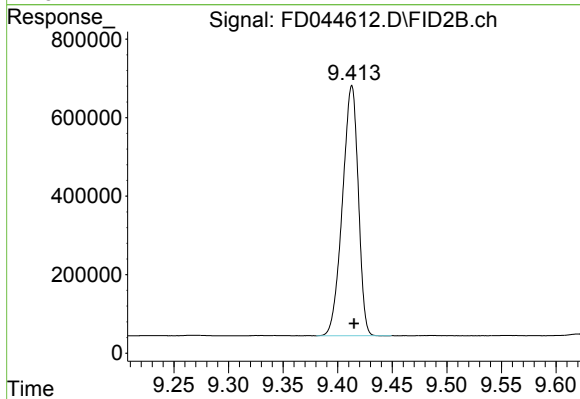
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 4369112
Conc: 49.47 ug/ml



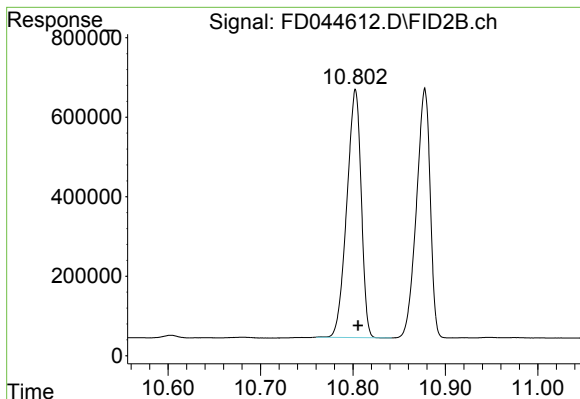
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 5984083
Conc: 40.78 ug/ml



#8 Fluorene (C16.55)

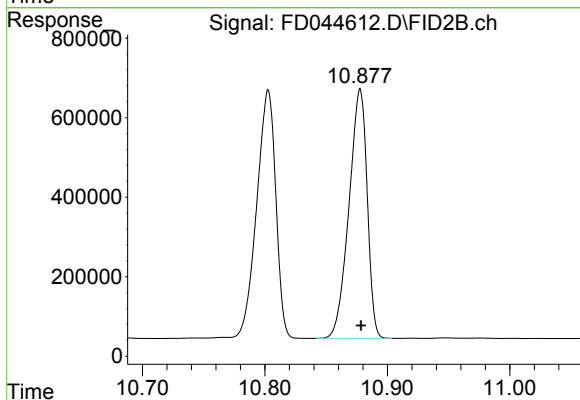
R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 6429873
Conc: 44.59 ug/ml



#9 Phenanthrene (C19.36)

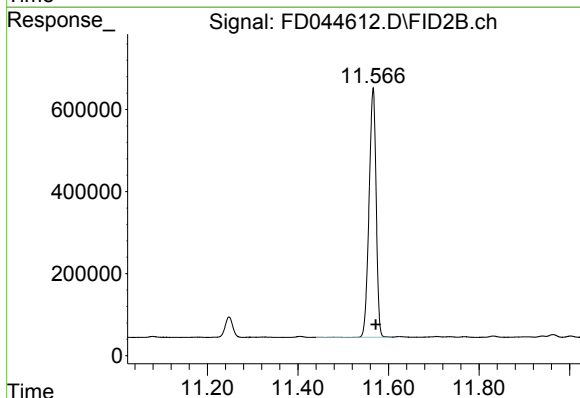
R.T.: 10.802 min
Delta R.T.: -0.003 min
Response: 6745676
Conc: 47.30 ug/ml

Instrument :
FID_D
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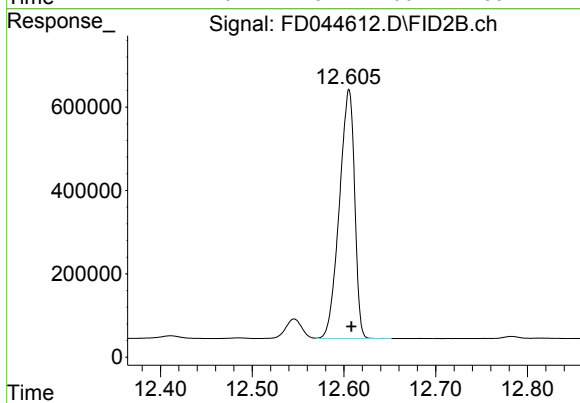
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: 0.000 min
Response: 6477881
Conc: 46.63 ug/ml



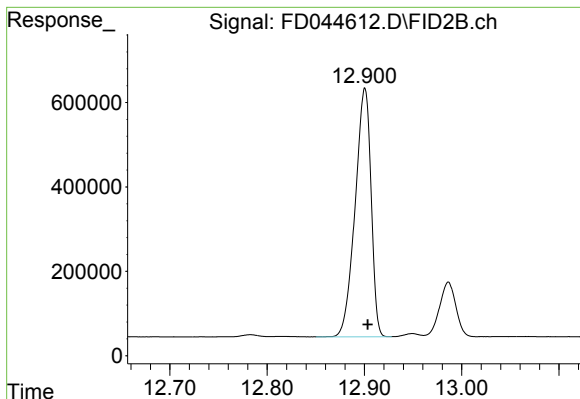
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.006 min
Response: 6535034
Conc: 40.16 ug/ml



#12 Fluoranthene (C21.85)

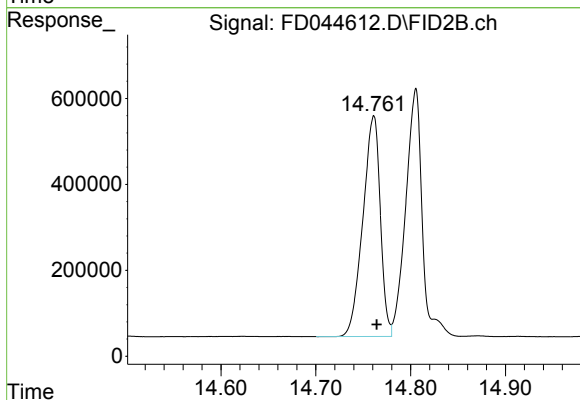
R.T.: 12.605 min
Delta R.T.: -0.003 min
Response: 6908522
Conc: 48.46 ug/ml



#13 Pyrene (C20.8)

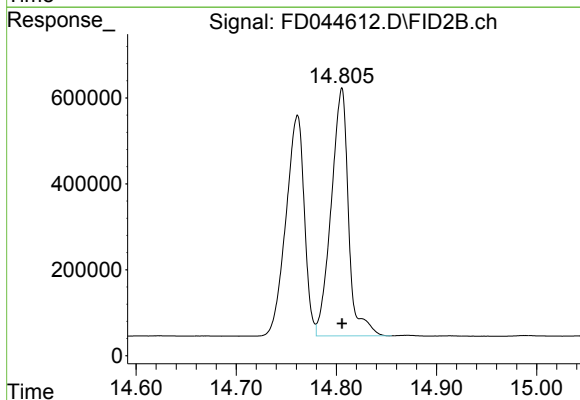
R.T.: 12.900 min
Delta R.T.: -0.003 min
Response: 6701989
Conc: 48.16 ug/ml

Instrument :
FID_D
ClientSampleId :
SAND-PILE-1MSD



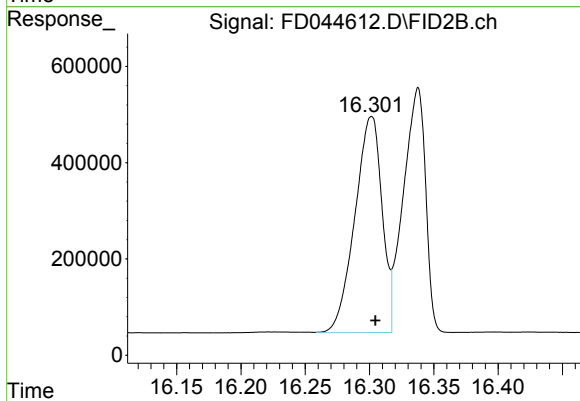
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.004 min
Response: 6553168
Conc: 50.65 ug/ml



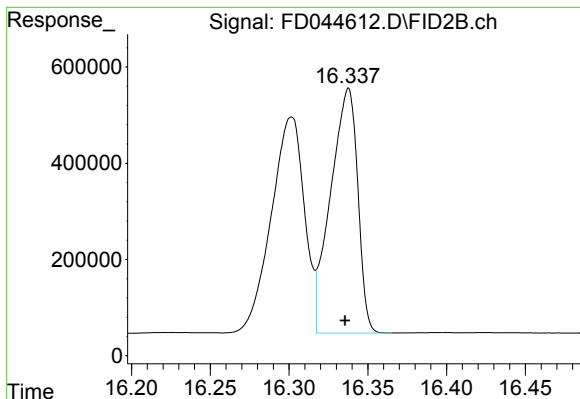
#15 Chrysene (C27.41)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 6958712
Conc: 51.62 ug/ml



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

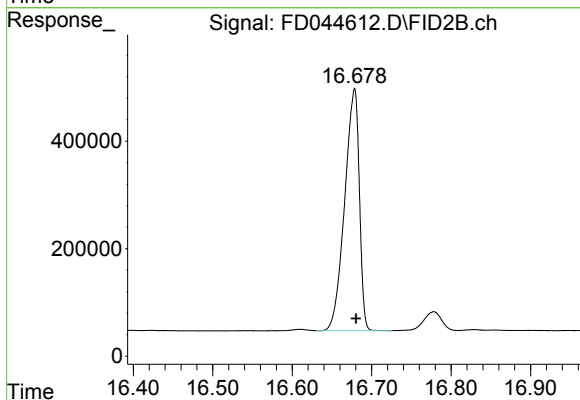
R.T.: 16.301 min
Delta R.T.: -0.003 min
Response: 6603290
Conc: 50.17 ug/ml



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

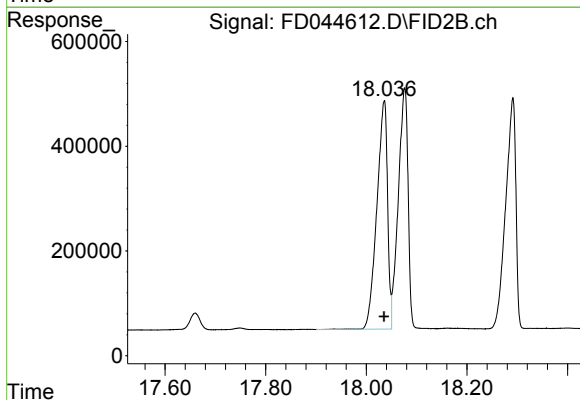
R.T.: 16.337 min
Delta R.T.: 0.002 min
Response: 6103841
Conc: 46.87 ug/ml

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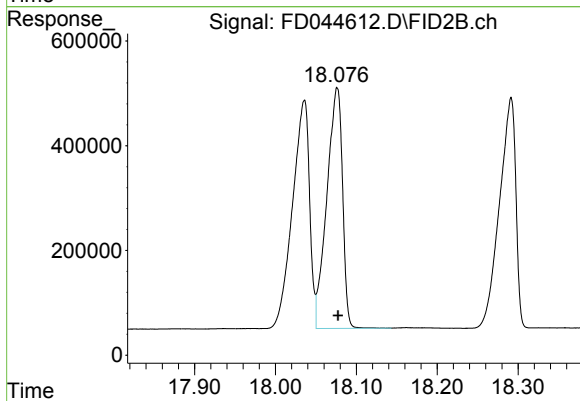
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.002 min
Response: 5770144
Conc: 44.65 ug/ml



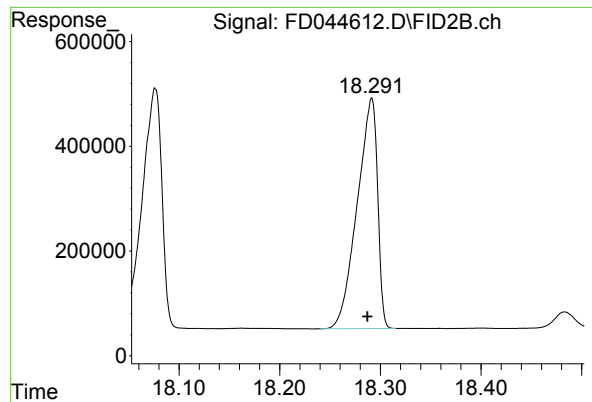
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 6410326
Conc: 50.30 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.002 min
Response: 6193883
Conc: 49.23 ug/ml



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

R.T.: 18.291 min
Delta R.T.: 0.004 min
Response: 6177035
Conc: 48.03 ug/ml

Instrument :

FID_D

ClientSampleId :

SAND-PILE-1MSD