

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030920AR\
 Data File : FD032531.D
 Signal(s) : FID2B.CH
 Acq On : 09 Mar 2020 19:47
 Operator : DD\AJ
 Sample : L1824-01MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 INDIAN-ISLAND-(1)MSD

Integration File: autoint1.e
 Quant Time: Mar 10 09:04:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.622	5886611	45.545 ug/ml
Spiked Amount 50.000		Recovery =	91.09%
6) S 2-Fluorobiphenyl (SURR)	8.482	3026428	34.282 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	68.56%
11) S ortho-Terphenyl (SURR)	11.518	4289485	30.936 ug/ml
Spiked Amount 50.000		Recovery =	61.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	3737416	28.097 ug/ml
2) T Naphthalene (C11.7)	5.962	4482828	31.550 ug/ml
3) T 2-Methylnaphthalene (...)	7.012	4820823	33.961 ug/ml
5) T Acenaphthylene (C15.06)	8.286	4954838	36.222 ug/ml
7) T Acenaphthene (C15.5)	8.581	5131458	36.345 ug/ml
8) T Flouorene (C16.55)	9.361	5445000	38.842 ug/ml
9) T Phenanthrene (C19.36)	10.756	5535796	39.613 ug/ml
10) T Anthracene (C19.43)	10.832	5518317	39.415 ug/ml
12) T Fluoranthene (C21.85)	12.565	5440345	38.790 ug/ml
13) T Pyrene (C20.8)	12.862	5321168	38.701 ug/ml
14) T Benzo[a]anthracene (C...	14.732	4947157	37.912 ug/ml
15) T Chrysene (C27.41)	14.776	5268902	39.139 ug/ml
16) T benzo[b]fluoranthene ...	16.282	5051642	39.378 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	5034605	38.351 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	4569487	35.870 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	5103545	42.828 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	4915624	38.877 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	4946583	41.843 ug/ml

(f)=RT Delta > 1/2 Window

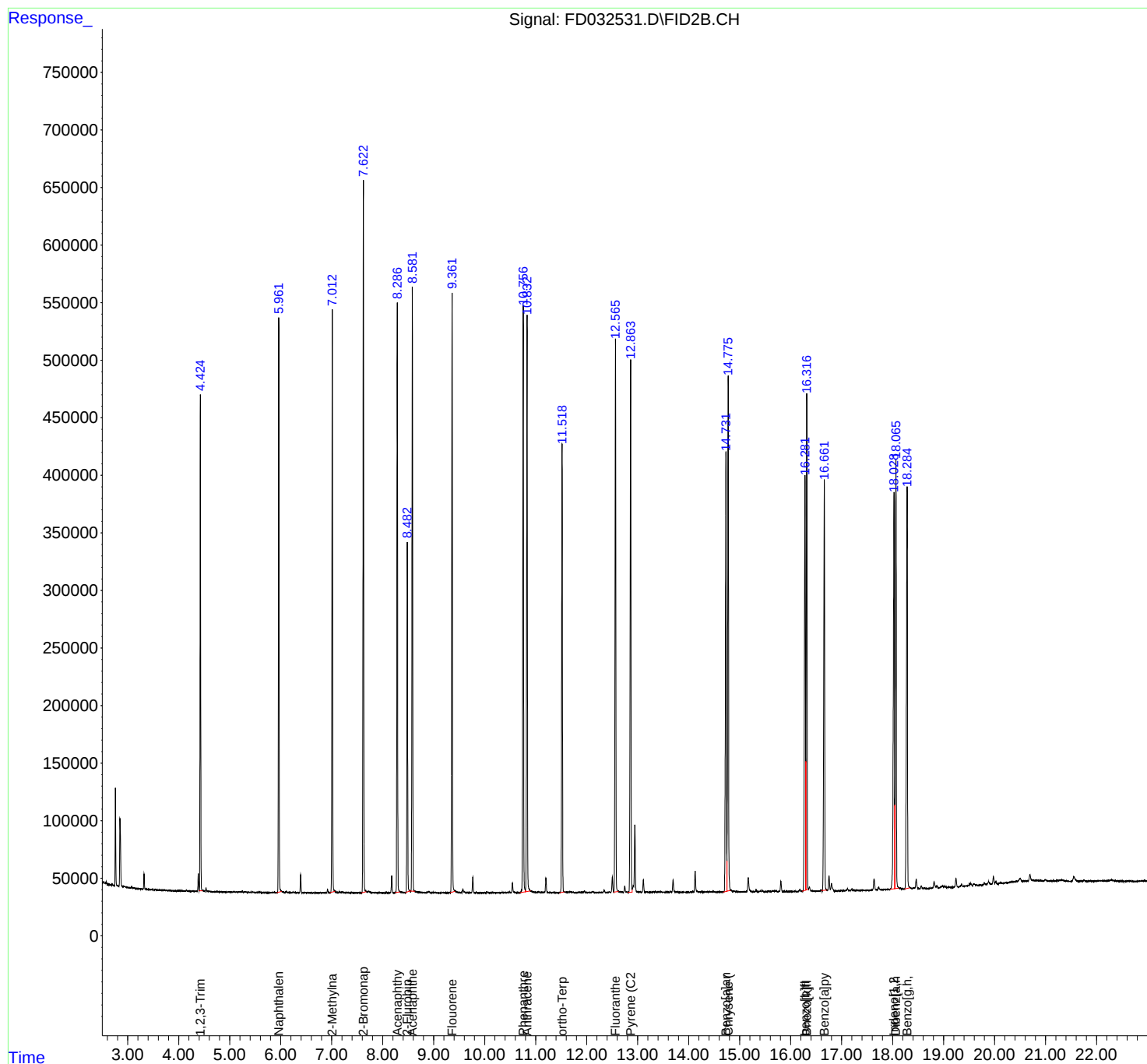
(m)=manual int.

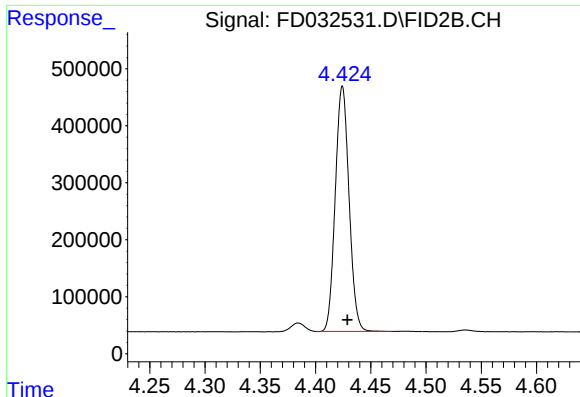
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Operator  : DD\AJ  
Sample    : L1824-01MSD  
Misc      :  
ALS Vial  : 58   Sample Multiplier: 1
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FID_D
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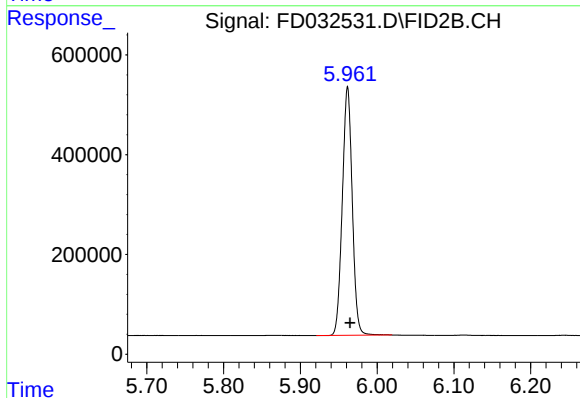




#1 1,2,3-Trimethylbenzene (C10.1)

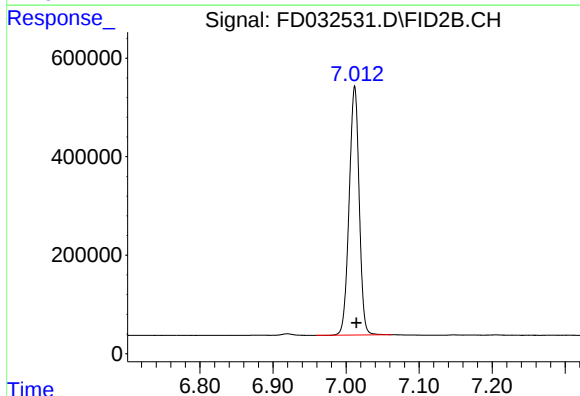
R.T.: 4.424 min
Delta R.T.: -0.005 min
Response: 3737416
Conc: 28.10 ug/ml

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FID_D
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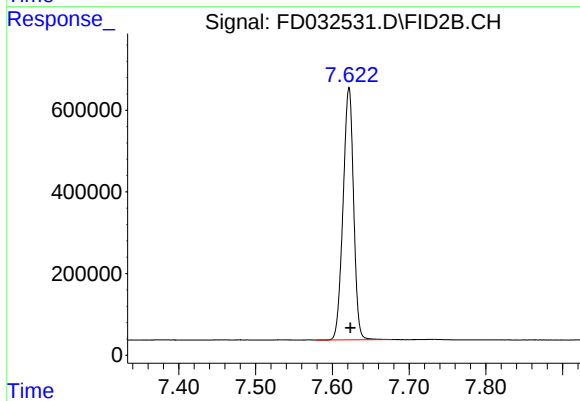
#2 Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 4482828
Conc: 31.55 ug/ml



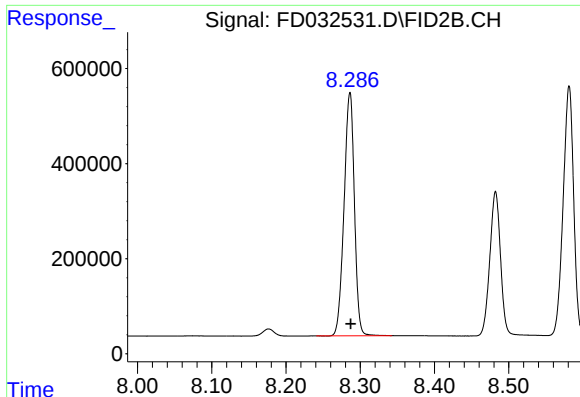
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: -0.002 min
Response: 4820823
Conc: 33.96 ug/ml



#4 2-Bromonaphthalene (SURR)

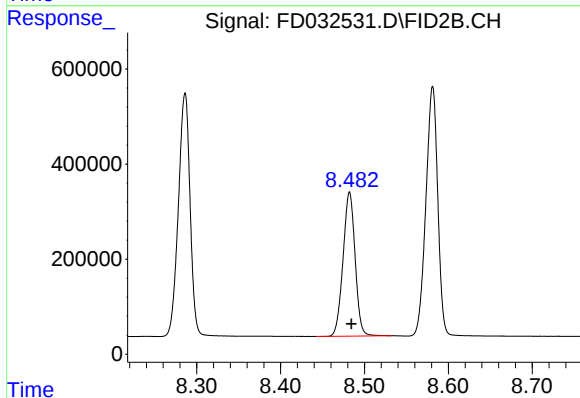
R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 5886611
Conc: 45.55 ug/ml



#5 Acenaphthylene (C15.06)

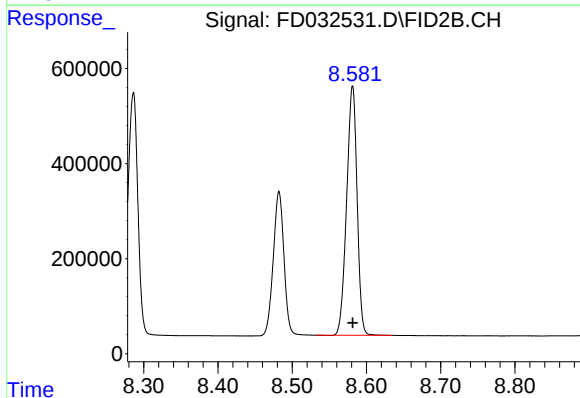
R.T.: 8.286 min
Delta R.T.: -0.001 min
Response: 4954838
Conc: 36.22 ug/ml

Instrument :
FID_D
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INDIAN-ISLAND-(1)MSD



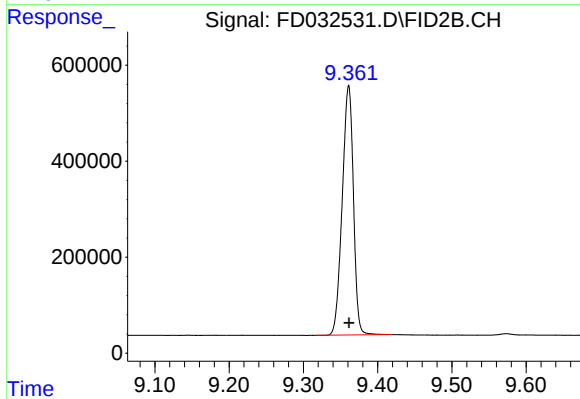
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.482 min
Delta R.T.: -0.002 min
Response: 3026428
Conc: 34.28 ug/ml



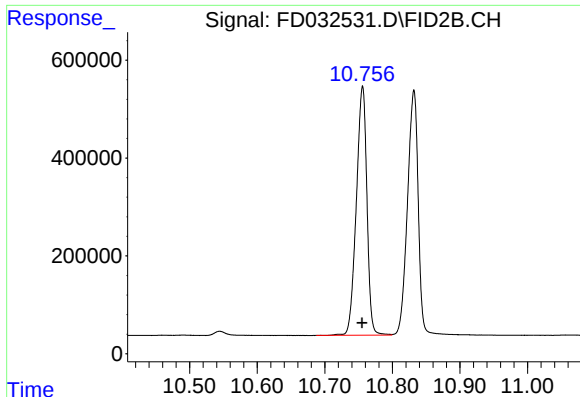
#7 Acenaphthene (C15.5)

R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 5131458
Conc: 36.35 ug/ml



#8 Flouorene (C16.55)

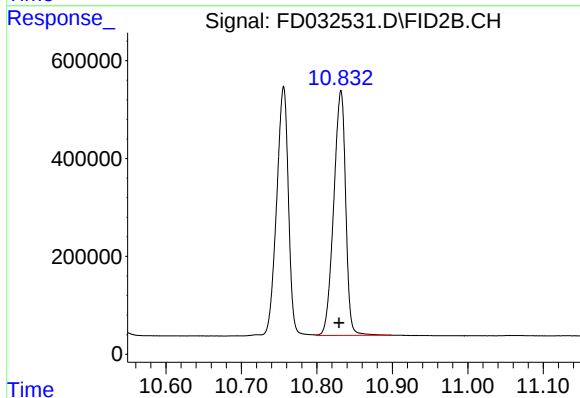
R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 5445000
Conc: 38.84 ug/ml



#9 Phenanthrene (C19.36)

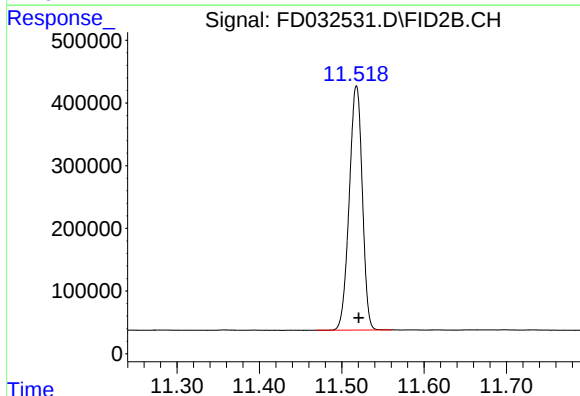
R.T.: 10.756 min
Delta R.T.: 0.000 min
Response: 5535796
Conc: 39.61 ug/ml

Instrument :
FID_D
ClientSampleId :
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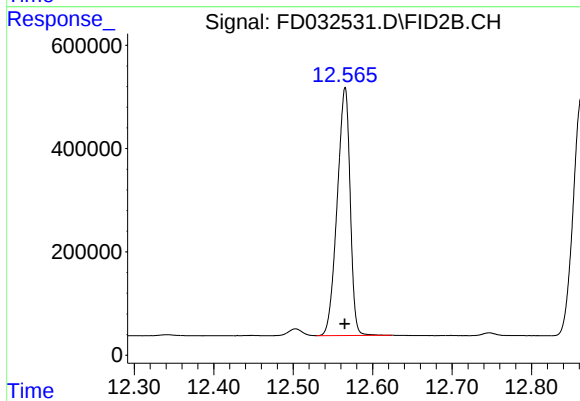
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: 0.003 min
Response: 5518317
Conc: 39.41 ug/ml



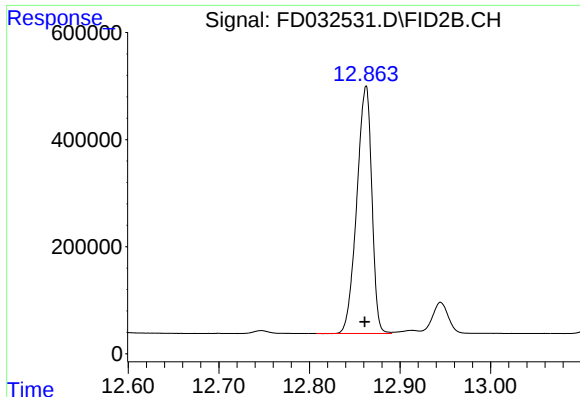
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 4289485
Conc: 30.94 ug/ml



#12 Fluoranthene (C21.85)

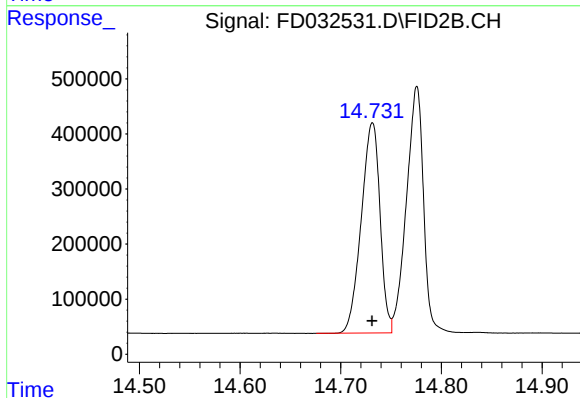
R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 5440345
Conc: 38.79 ug/ml



#13 Pyrene (C20.8)

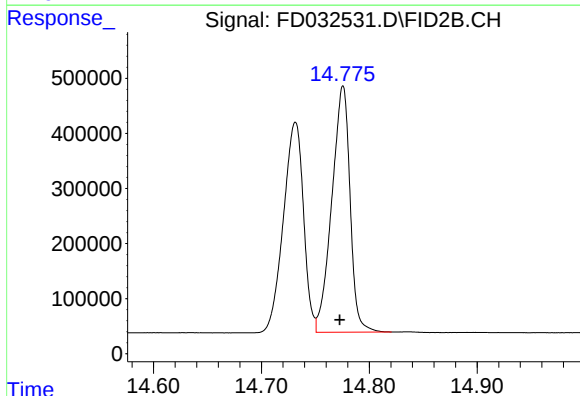
R.T.: 12.862 min
Delta R.T.: 0.001 min
Response: 5321168
Conc: 38.70 ug/ml

Instrument :
FID_D
ClientSampleId :
INDIAN-ISLAND-(1)MSD



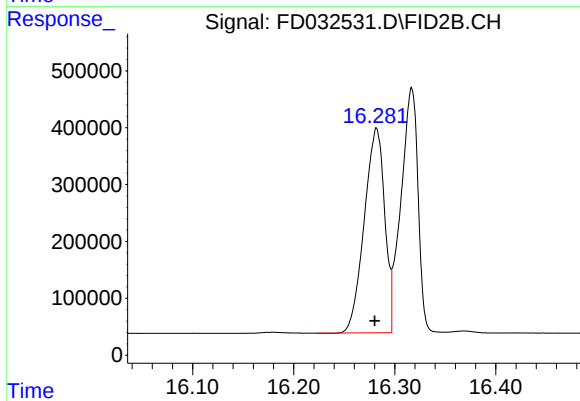
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.732 min
Delta R.T.: 0.000 min
Response: 4947157
Conc: 37.91 ug/ml



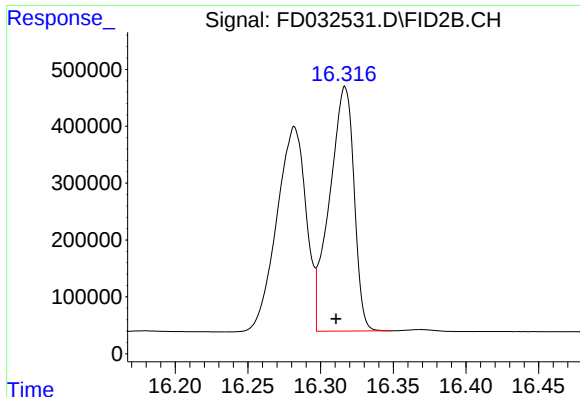
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: 0.003 min
Response: 5268902
Conc: 39.14 ug/ml



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

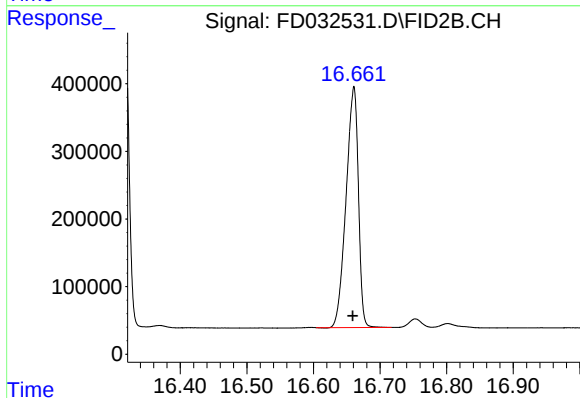
R.T.: 16.282 min
Delta R.T.: 0.002 min
Response: 5051642
Conc: 39.38 ug/ml



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

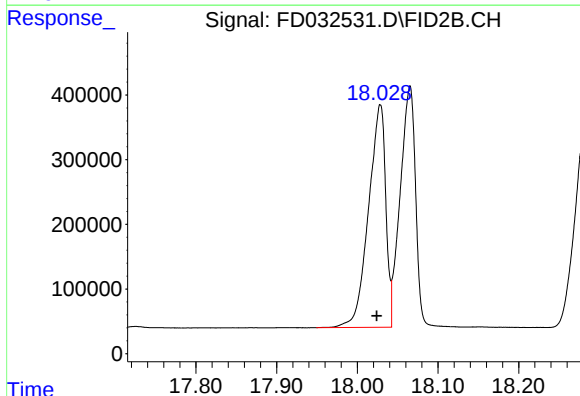
R.T.: 16.317 min
Delta R.T.: 0.006 min
Response: 5034605
Conc: 38.35 ug/ml

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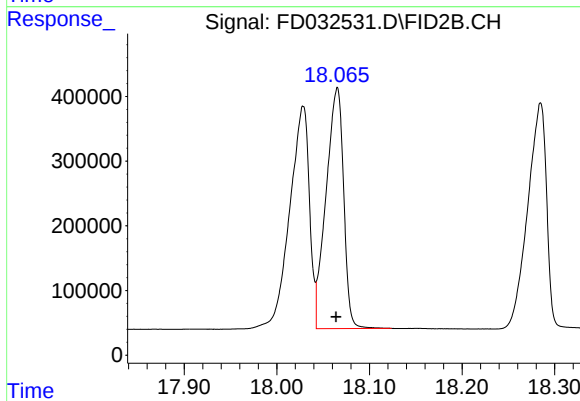
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: 0.002 min
Response: 4569487
Conc: 35.87 ug/ml



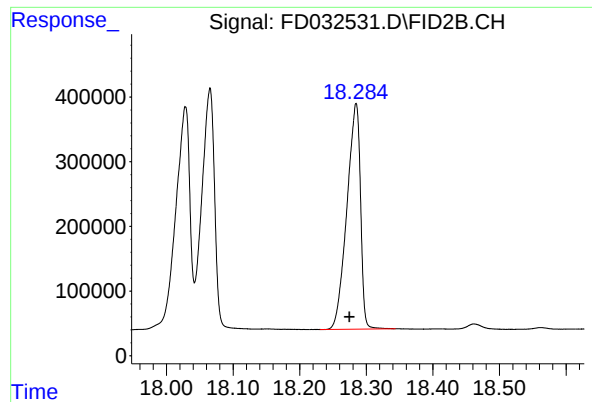
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: 0.005 min
Response: 5103545
Conc: 42.83 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.001 min
Response: 4915624
Conc: 38.88 ug/ml



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

R.T.: 18.285 min
Delta R.T.: 0.010 min
Response: 4946583
Conc: 41.84 ug/ml

Instrument :
FID_D
ClientSampleId :
INDIAN-ISLAND-(1)MSD