

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047449.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 11:28
 Operator : YP/AJ
 Sample : PB159832BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159832BSD

Integration File: autoint1.e
 Quant Time: Mar 29 15:42:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 2024
 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...	7.458	4315276	26.127 ug/ml
Spiked Amount 50.000		Recovery =	52.25%
6) S 2-Fluorobiphenyl (SURR)	8.310	2210549	20.775 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.55%
11) S ortho-Terphenyl (SURR)	11.346	4251032	22.779 ug/ml
Spiked Amount 50.000		Recovery =	45.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	4006471	22.543 ug/ml
2) T Naphthalene (C11.7)	5.798	4793800	26.286 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	5124611	28.099 ug/ml
5) T Acenaphthylene (C15.06)	8.115	5660543	33.952 ug/ml
7) T Acenaphthene (C15.5)	8.410	5573749	31.636 ug/ml
8) T Fluorene (C16.55)	9.188	5889288	34.962 ug/ml
9) T Phenanthrene (C19.36)	10.576	5976577	36.903 ug/ml
10) T Anthracene (C19.43)	10.652	5838429	39.671 ug/ml
12) T Fluoranthene (C21.85)	12.380	5967717	37.433 ug/ml
13) T Pyrene (C20.8)	12.674	6038031	39.028 ug/ml
14) T Benzo[a]anthracene (C...	14.539	5549766	40.939 ug/ml
15) T Chrysene (C27.41)	14.582	5492743	37.002 ug/ml
16) T benzo[b]fluoranthene ...	16.081	5510649	39.255 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	5478387	38.686 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	5313977	38.469 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	5541581	44.339 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	5234270	39.691 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	5077792	37.792 ug/ml

(f)=RT Delta > 1/2 Window

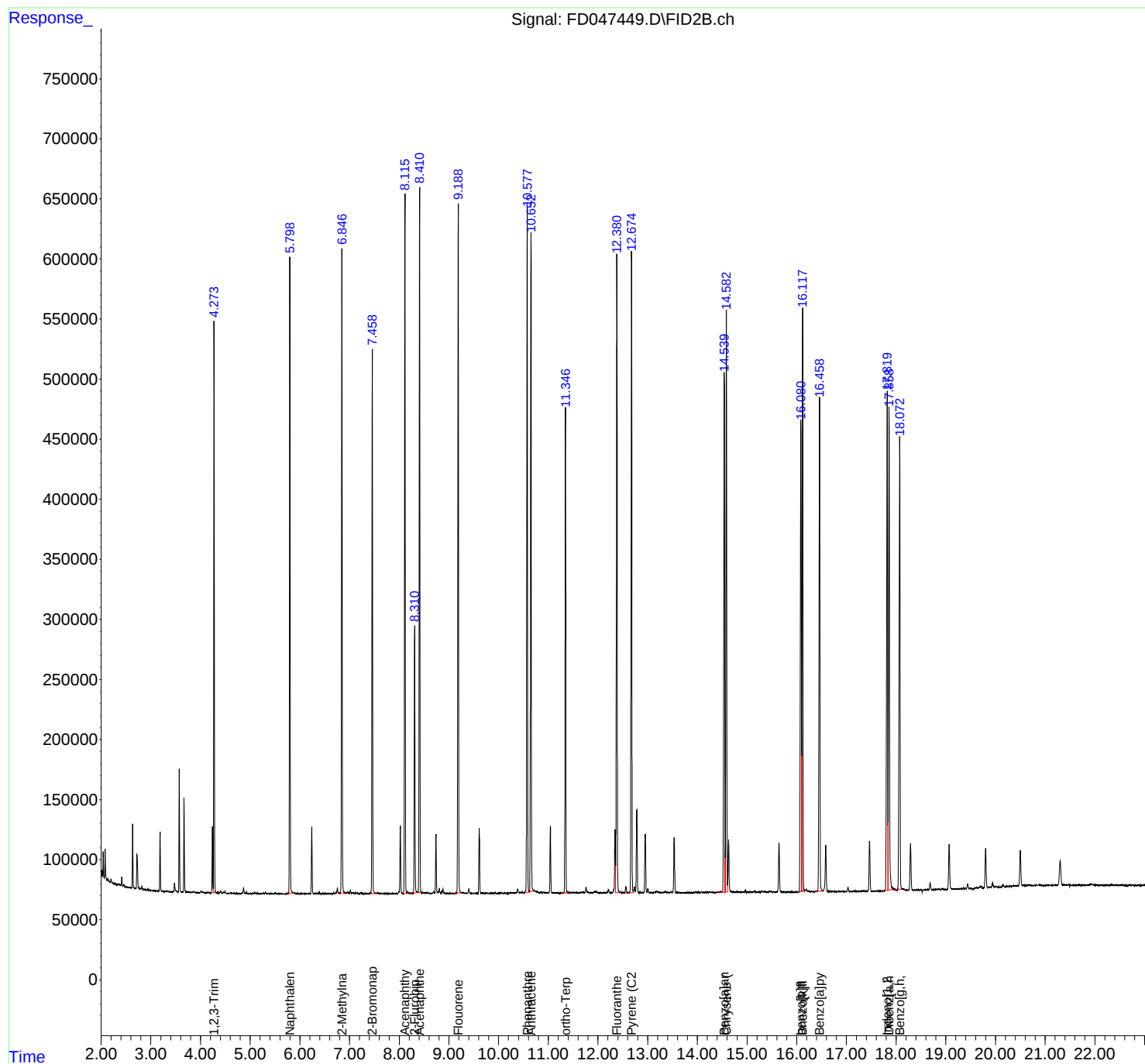
(m)=manual int.

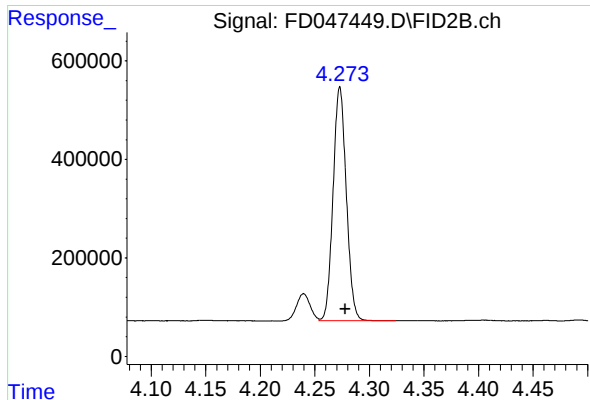
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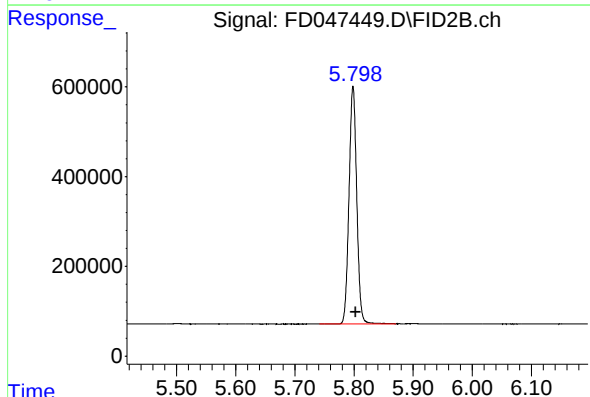




#1 1,2,3-Trimethylbenzene (C10.1)

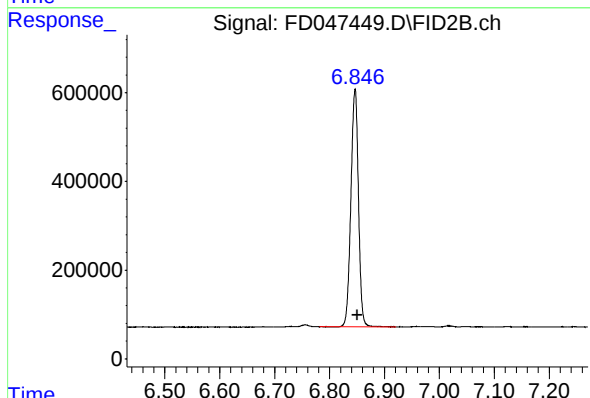
R.T.: 4.273 min
Delta R.T.: -0.005 min
Response: 4006471
Conc: 22.54 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159832BSD



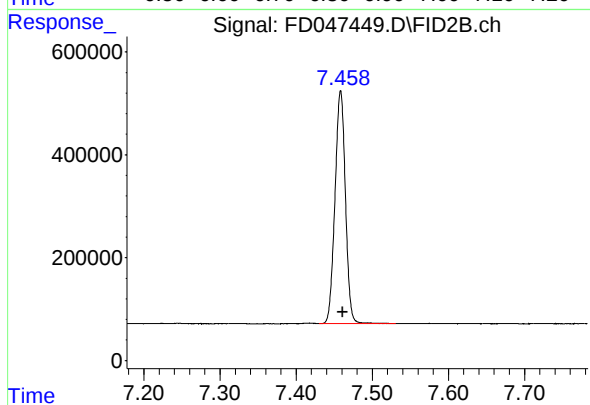
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 4793800
Conc: 26.29 ug/ml



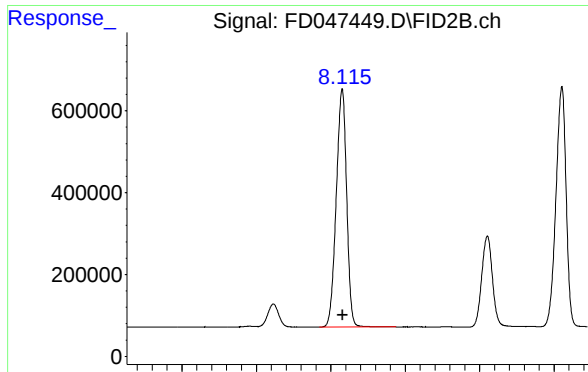
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 5124611
Conc: 28.10 ug/ml



#4 2-Bromonaphthalene (SURR)

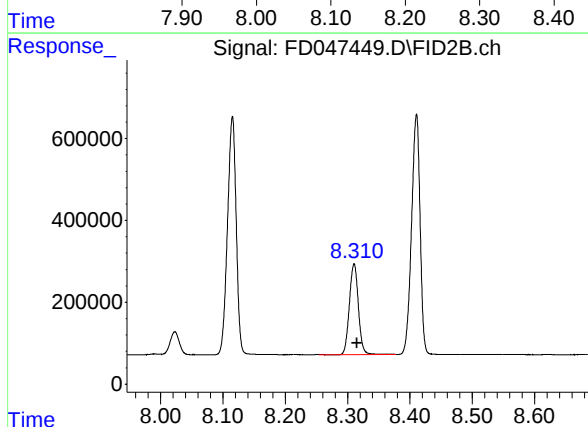
R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 4315276
Conc: 26.13 ug/ml



#5 Acenaphthylene (C15.06)

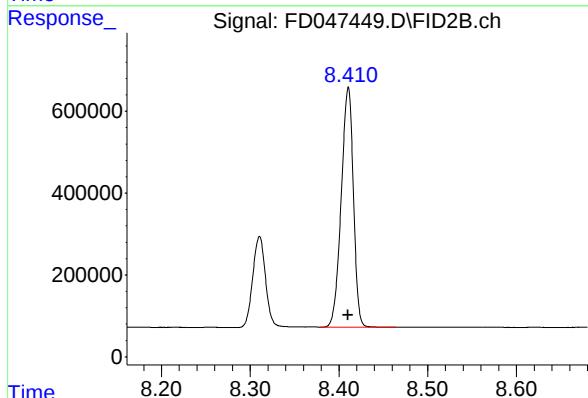
R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 5660543
Conc: 33.95 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159832BSD



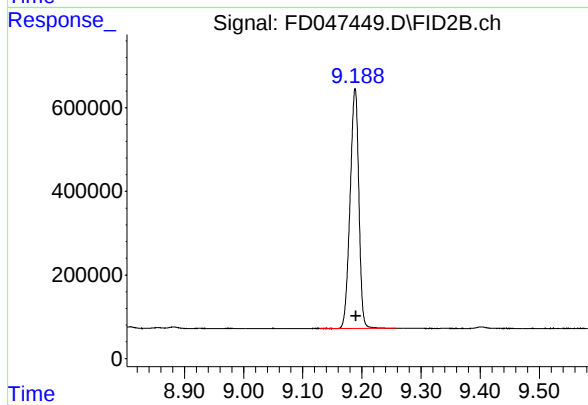
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 2210549
Conc: 20.77 ug/ml



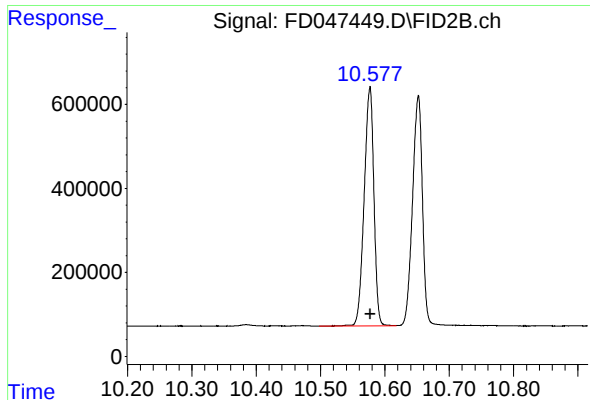
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 5573749
Conc: 31.64 ug/ml



#8 Flouorene (C16.55)

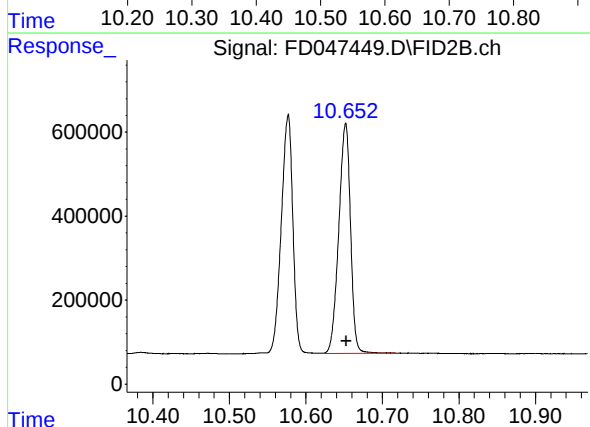
R.T.: 9.188 min
Delta R.T.: -0.002 min
Response: 5889288
Conc: 34.96 ug/ml



#9 Phenanthrene (C19.36)

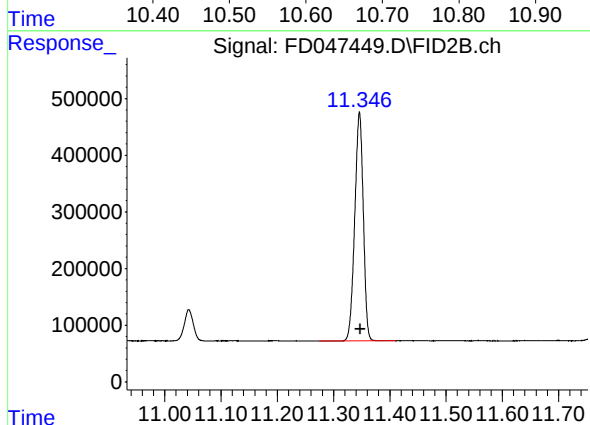
R.T.: 10.576 min
Delta R.T.: 0.000 min
Response: 5976577
Conc: 36.90 ug/ml

Instrument :
FID_D
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PB159832BSD



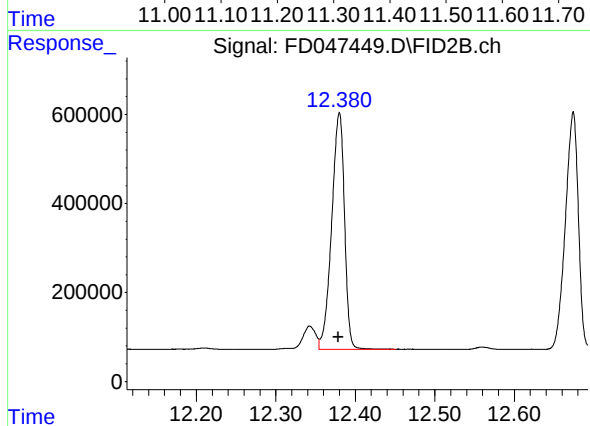
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: -0.001 min
Response: 5838429
Conc: 39.67 ug/ml



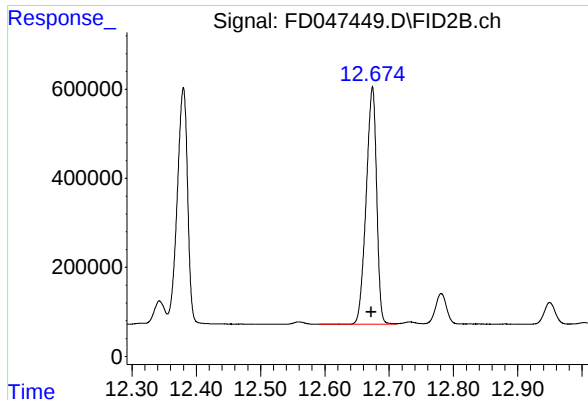
#11 ortho-Terphenyl (SURRE)

R.T.: 11.346 min
Delta R.T.: -0.002 min
Response: 4251032
Conc: 22.78 ug/ml



#12 Fluoranthene (C21.85)

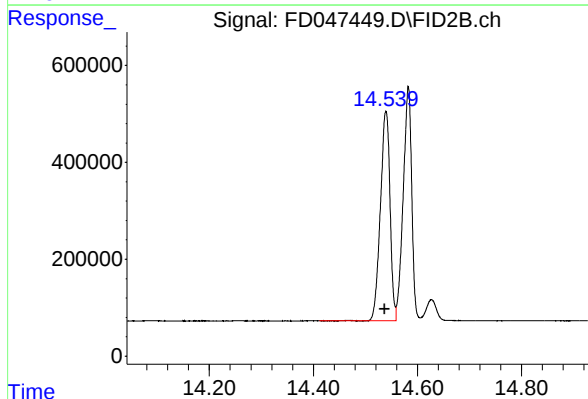
R.T.: 12.380 min
Delta R.T.: 0.001 min
Response: 5967717
Conc: 37.43 ug/ml



#13 Pyrene (C20.8)

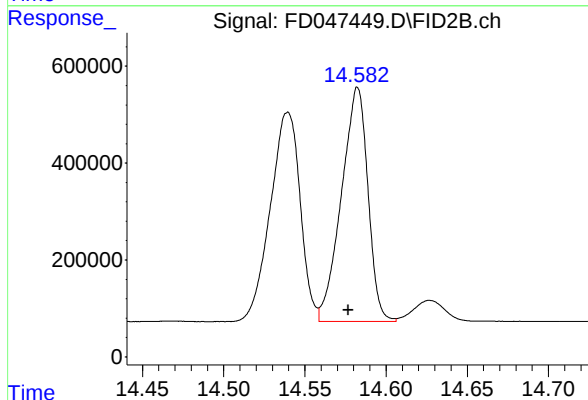
R.T.: 12.674 min
Delta R.T.: 0.001 min
Response: 6038031
Conc: 39.03 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159832BSD



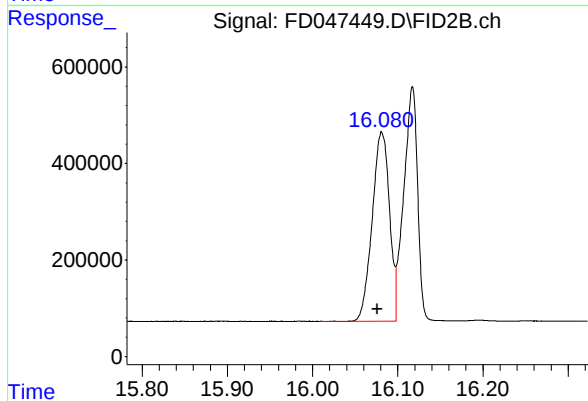
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.539 min
Delta R.T.: 0.002 min
Response: 5549766
Conc: 40.94 ug/ml



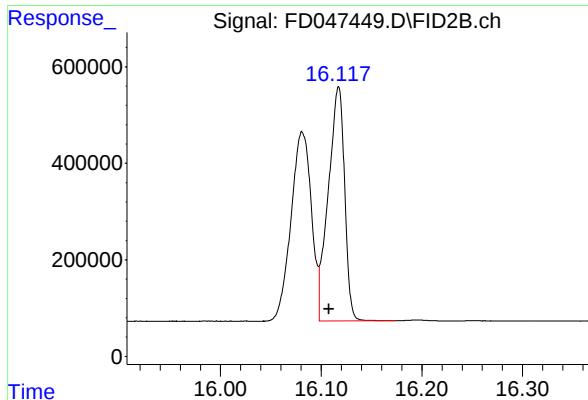
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: 0.005 min
Response: 5492743
Conc: 37.00 ug/ml



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

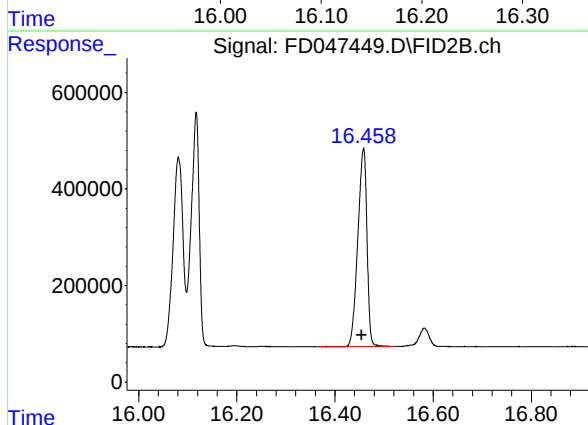
R.T.: 16.081 min
Delta R.T.: 0.005 min
Response: 5510649
Conc: 39.25 ug/ml



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

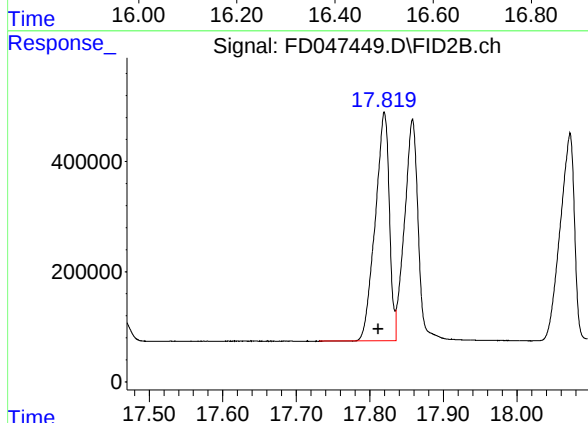
R.T.: 16.117 min
Delta R.T.: 0.009 min
Response: 5478387
Conc: 38.69 ug/ml

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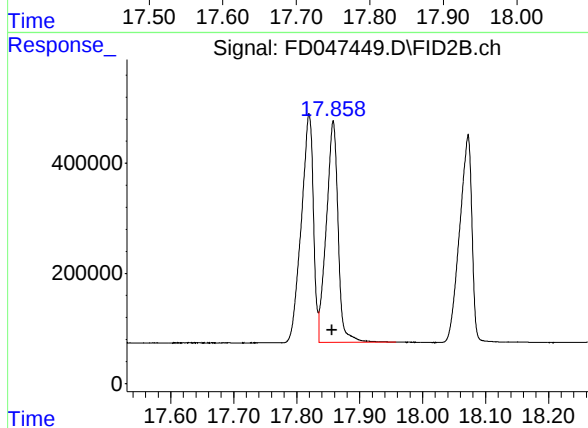
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: 0.003 min
Response: 5313977
Conc: 38.47 ug/ml



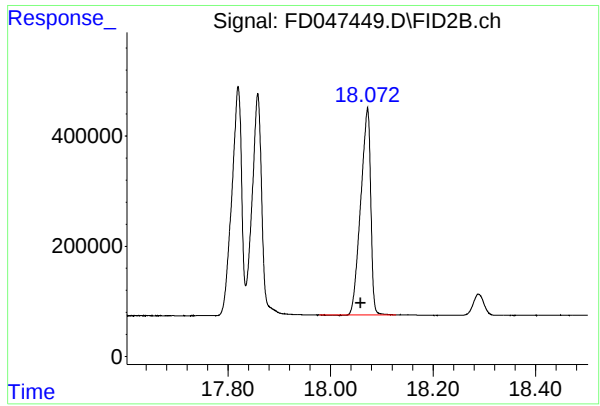
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.008 min
Response: 5541581
Conc: 44.34 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.002 min
Response: 5234270
Conc: 39.69 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.012 min
Response: 5077792
Conc: 37.79 ug/ml

Instrument :

FID_D

ClientSampleId :

PB159832BSD