

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032824AR\
 Data File : FD047440.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2024 18:00
 Operator : YP/AJ
 Sample : PB159832BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159832BSD

Integration File: autoint1.e
 Quant Time: Mar 29 04:20:39 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...	7.455	8487774	51.390 ug/ml
Spiked Amount 50.000		Recovery =	102.78%
6) S 2-Fluorobiphenyl (SURR)	8.307	4509091	42.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.75%
11) S ortho-Terphenyl (SURR)	11.342	8464561	45.356 ug/ml
Spiked Amount 50.000		Recovery =	90.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	7769191	43.715 ug/ml
2) T Naphthalene (C11.7)	5.797	9389926	51.489 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	10107102	55.419 ug/ml
5) T Acenaphthylene (C15.06)	8.113	11170894	67.004 ug/ml
7) T Acenaphthene (C15.5)	8.410	11053825	62.741 ug/ml
8) T Fluorene (C16.55)	9.187	11761077	69.821 ug/ml
9) T Phenanthrene (C19.36)	10.576	12060572	74.470 ug/ml
10) T Anthracene (C19.43)	10.652	11860310	80.589 ug/ml
12) T Fluoranthene (C21.85)	12.379	12040861	75.528 ug/ml
13) T Pyrene (C20.8)	12.674	12188881	78.786 ug/ml
14) T Benzo[a]anthracene (C...	14.537	11295629	83.325 ug/ml
15) T Chrysene (C27.41)	14.583	11078221	74.628 ug/ml
16) T benzo[b]fluoranthene ...	16.081	11065697	78.826 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	10790453	76.198 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	10576658	76.566 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	11294987	90.373 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	9935596	75.341 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	10086375	75.068 ug/ml

(f)=RT Delta > 1/2 Window

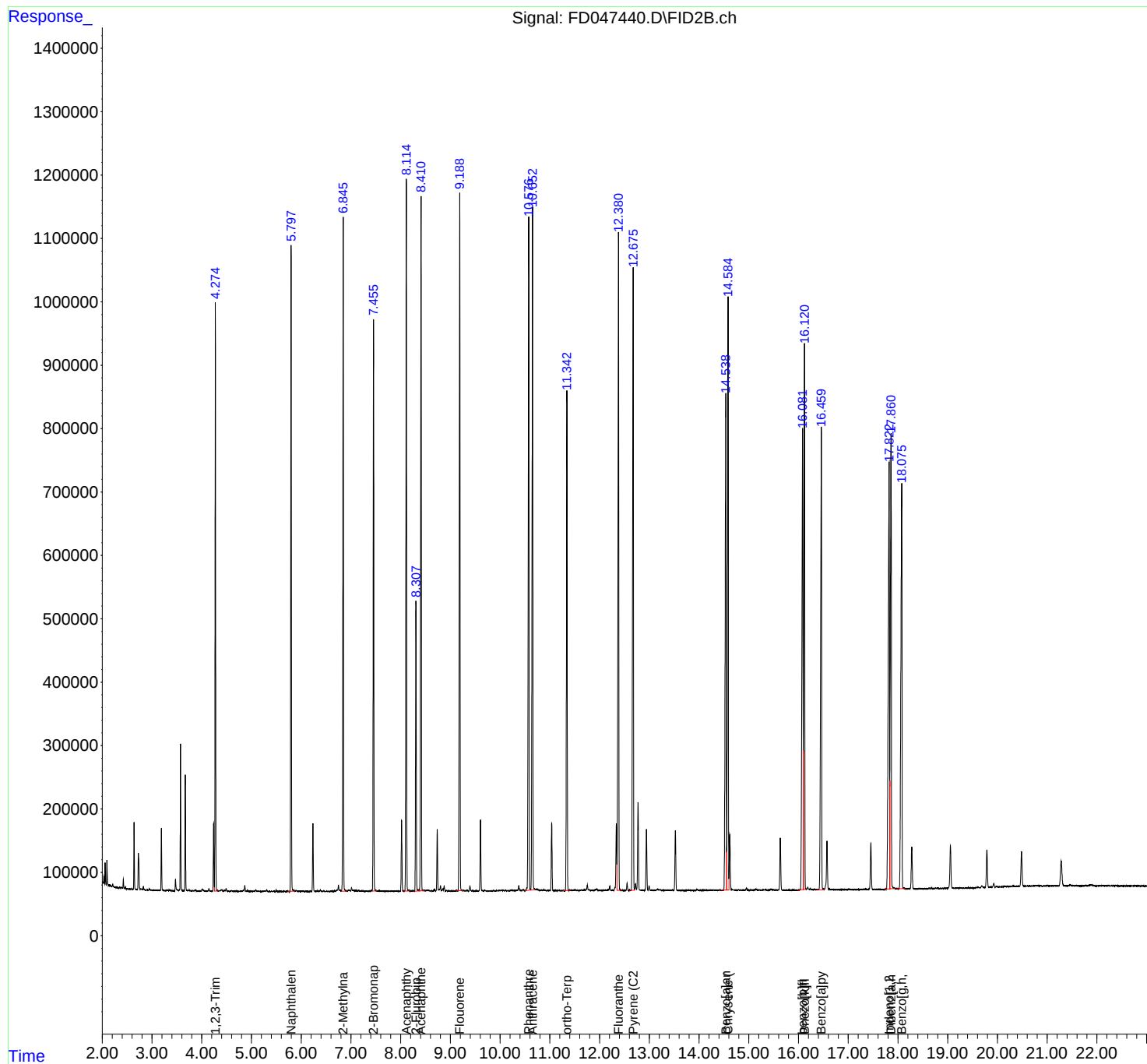
(m)=manual int.

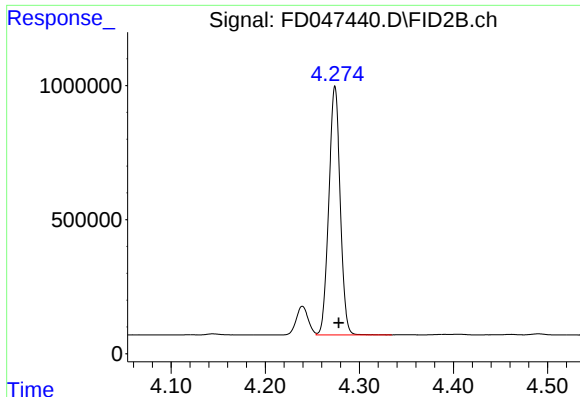
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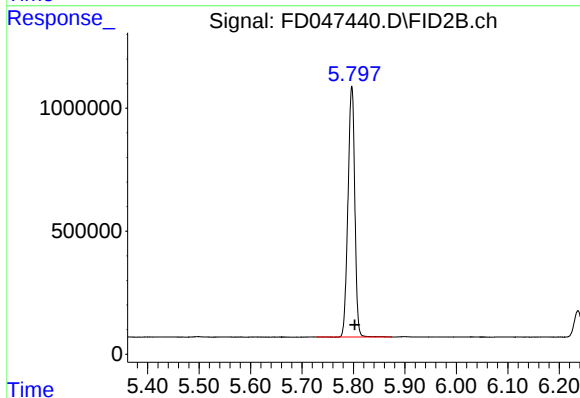




#1 1,2,3-Trimethylbenzene (C10.1)

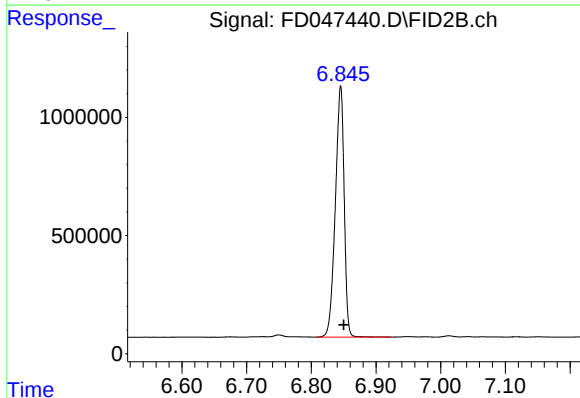
R.T.: 4.274 min
Delta R.T.: -0.004 min
Response: 7769191
Conc: 43.72 ug/ml

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FID_D
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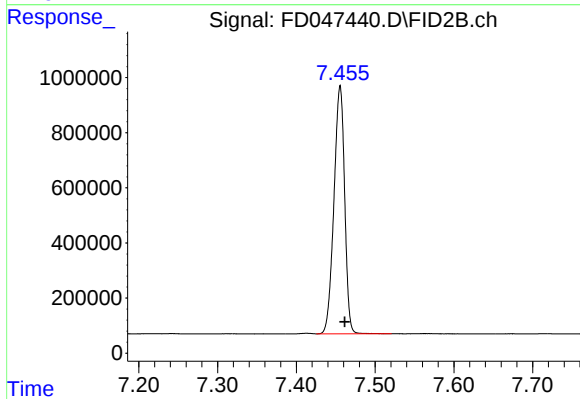
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.006 min
Response: 9389926
Conc: 51.49 ug/ml



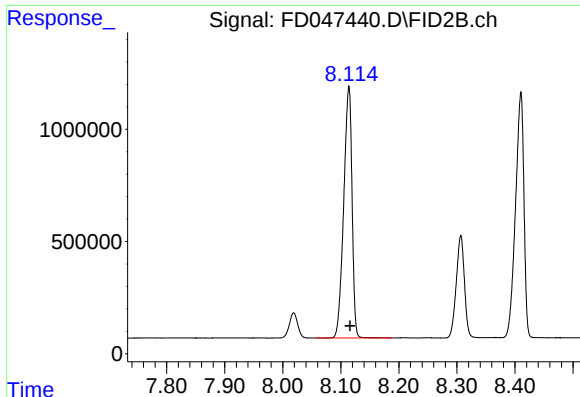
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.005 min
Response: 10107102
Conc: 55.42 ug/ml



#4 2-Bromonaphthalene (SURR)

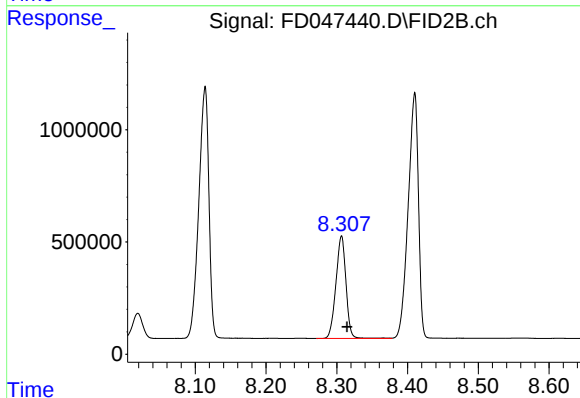
R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 8487774
Conc: 51.39 ug/ml



#5 Acenaphthylene (C15.06)

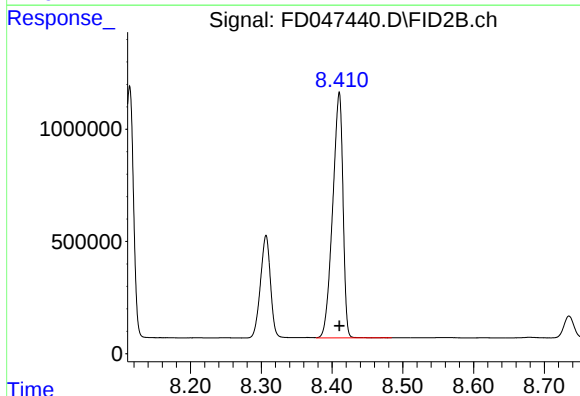
R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 11170894
Conc: 67.00 ug/ml

Instrument :
FID_D
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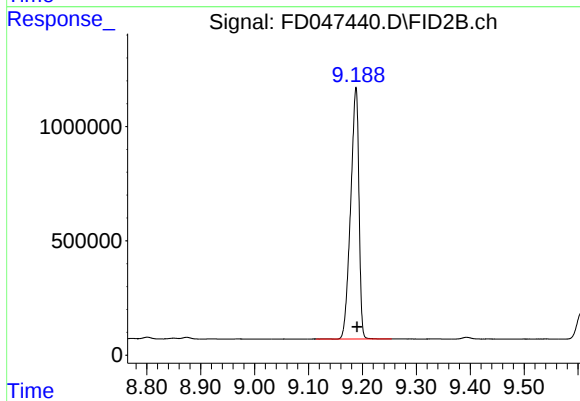
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.307 min
Delta R.T.: -0.008 min
Response: 4509091
Conc: 42.38 ug/ml



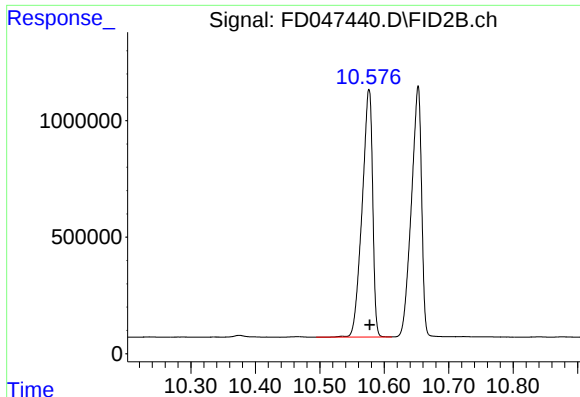
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 11053825
Conc: 62.74 ug/ml



#8 Flouorene (C16.55)

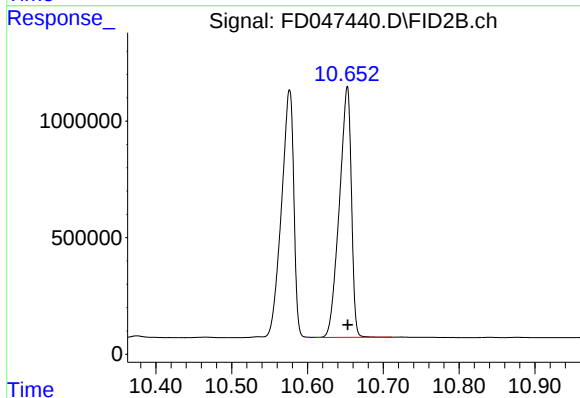
R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 11761077
Conc: 69.82 ug/ml



#9 Phenanthrene (C19.36)

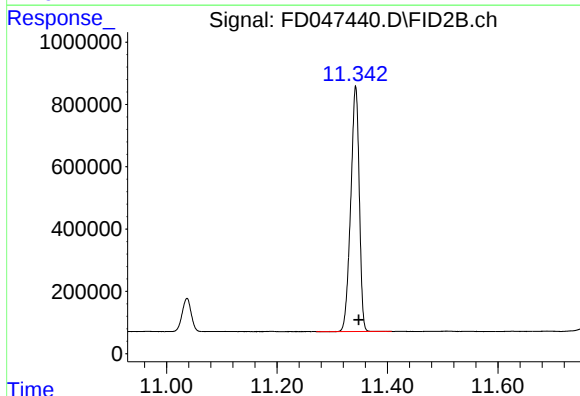
R.T.: 10.576 min
Delta R.T.: -0.002 min
Response: 12060572
Conc: 74.47 ug/ml

Instrument :
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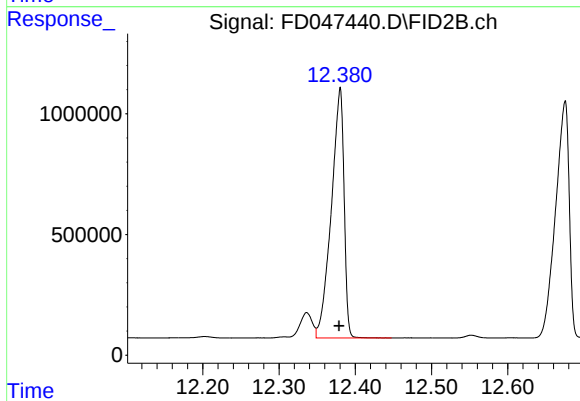
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: -0.001 min
Response: 11860310
Conc: 80.59 ug/ml



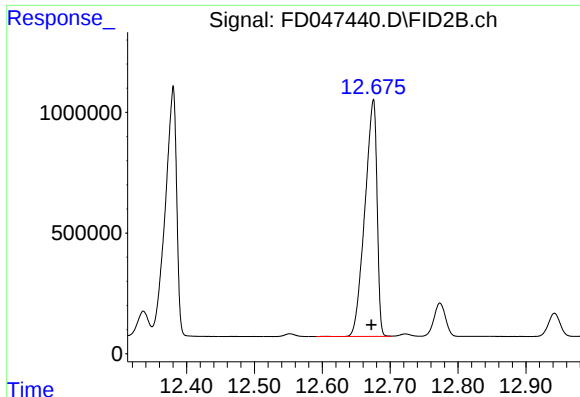
#11 ortho-Terphenyl (SURR)

R.T.: 11.342 min
Delta R.T.: -0.006 min
Response: 8464561
Conc: 45.36 ug/ml



#12 Fluoranthene (C21.85)

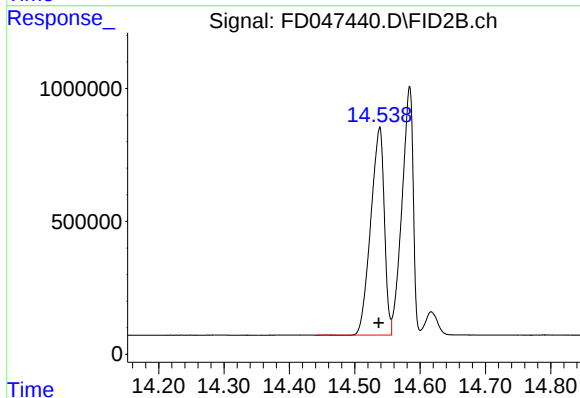
R.T.: 12.379 min
Delta R.T.: 0.000 min
Response: 12040861
Conc: 75.53 ug/ml



#13 Pyrene (C20.8)

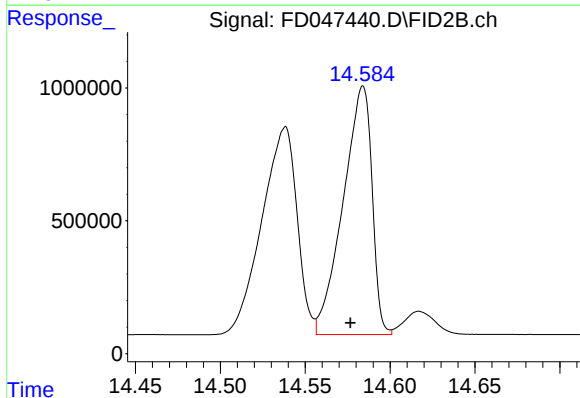
R.T.: 12.674 min
Delta R.T.: 0.002 min
Response: 12188881
Conc: 78.79 ug/ml

Instrument :
FID_D
ClientSampleId :
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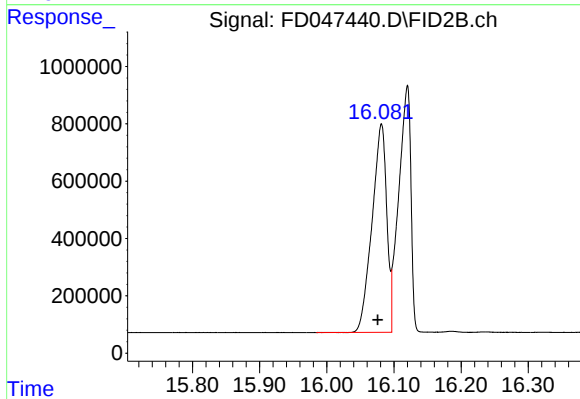
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.537 min
Delta R.T.: 0.000 min
Response: 11295629
Conc: 83.33 ug/ml



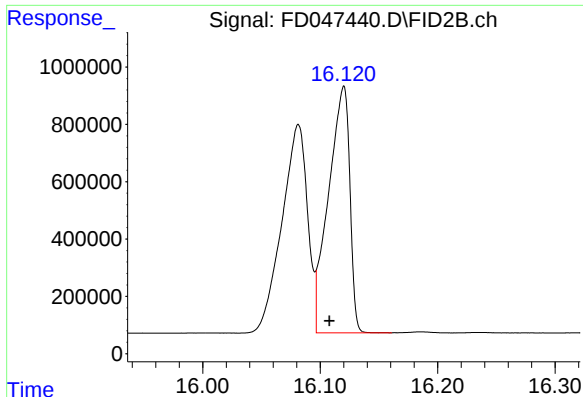
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.007 min
Response: 11078221
Conc: 74.63 ug/ml



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

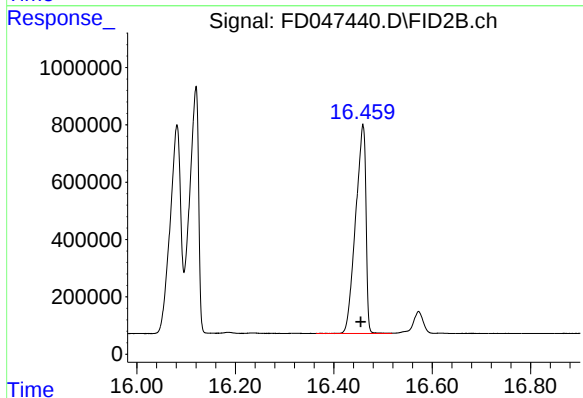
R.T.: 16.081 min
Delta R.T.: 0.005 min
Response: 11065697
Conc: 78.83 ug/ml



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

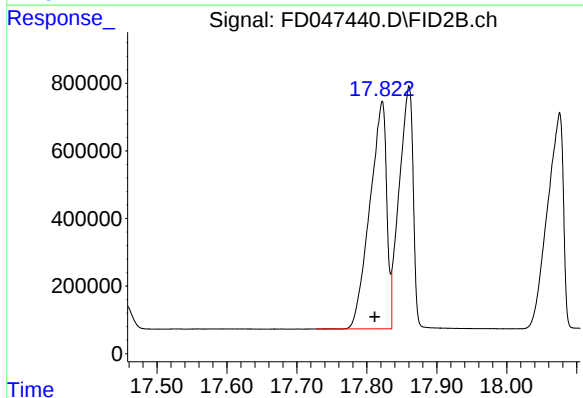
R.T.: 16.119 min
Delta R.T.: 0.011 min
Response: 10790453
Conc: 76.20 ug/ml

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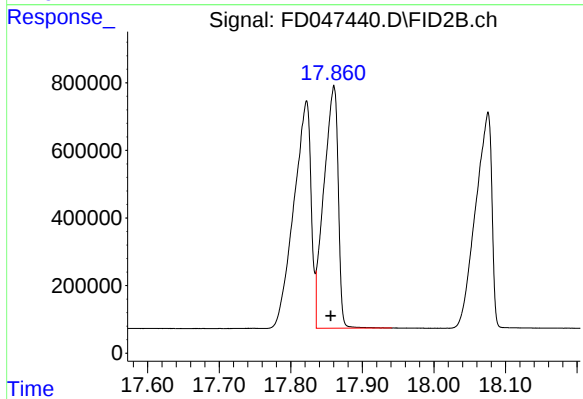
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.004 min
Response: 10576658
Conc: 76.57 ug/ml



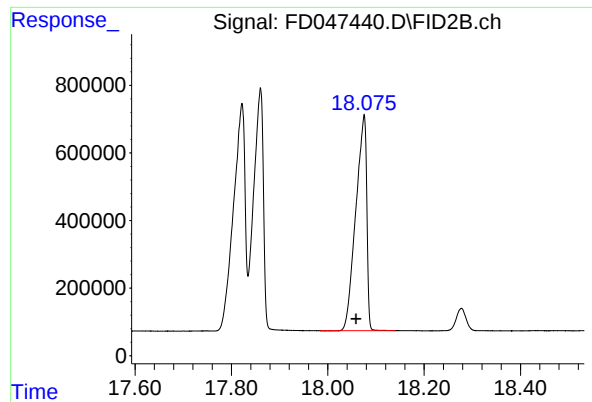
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.009 min
Response: 11294987
Conc: 90.37 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.004 min
Response: 9935596
Conc: 75.34 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.015 min
Response: 10086375
Conc: 75.07 ug/ml

Instrument :

FID_D

ClientSampleId :

PB159832BSD