

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043884.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2022 00:37
 Operator : YP/AJ
 Sample : PB147580BSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147580BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:19:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.430	7898680	60.030 ug/ml
Spiked Amount 50.000		Recovery =	120.06%
6) S 2-Fluorobiphenyl (SURR)	8.283	5180737	71.817 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	143.63%#
11) S ortho-Terphenyl (SURR)	11.317	8273129	44.409 ug/ml
Spiked Amount 50.000		Recovery =	88.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.240	5382589	35.816 ug/mlm
2) T Naphthalene (C11.7)	5.769	6125187	43.015 ug/ml
3) T 2-Methylnaphthalene (...)	6.815	6319725	43.200 ug/ml
5) T Acenaphthylene (C15.06)	8.085	6533808	42.343 ug/ml
7) T Acenaphthene (C15.5)	8.379	7276784	41.580 ug/ml
8) T Flouorene (C16.55)	9.158	7171066	48.788 ug/ml
9) T Phenanthrene (C19.36)	10.550	7453417	51.506 ug/ml
10) T Anthracene (C19.43)	10.625	7497861	51.090 ug/ml
12) T Fluoranthene (C21.85)	12.355	7767059	50.640 ug/ml
13) T Pyrene (C20.8)	12.650	7665080	51.527 ug/ml
14) T Benzo[a]anthracene (C...	14.518	7030570	62.891 ug/ml
15) T Chrysene (C27.41)	14.561	8125379	51.991 ug/ml
16) T benzo[b]fluoranthene ...	16.064	6908121	59.237 ug/ml
17) T Bnezo[k]fluoranthene ...	16.097	7221995	48.645 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.440	5931575	48.970 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.806	6092865	64.082 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	6430584	53.530 ug/ml
21) T Benzo[g,h,i]perylene ...	18.058	5958338	52.285 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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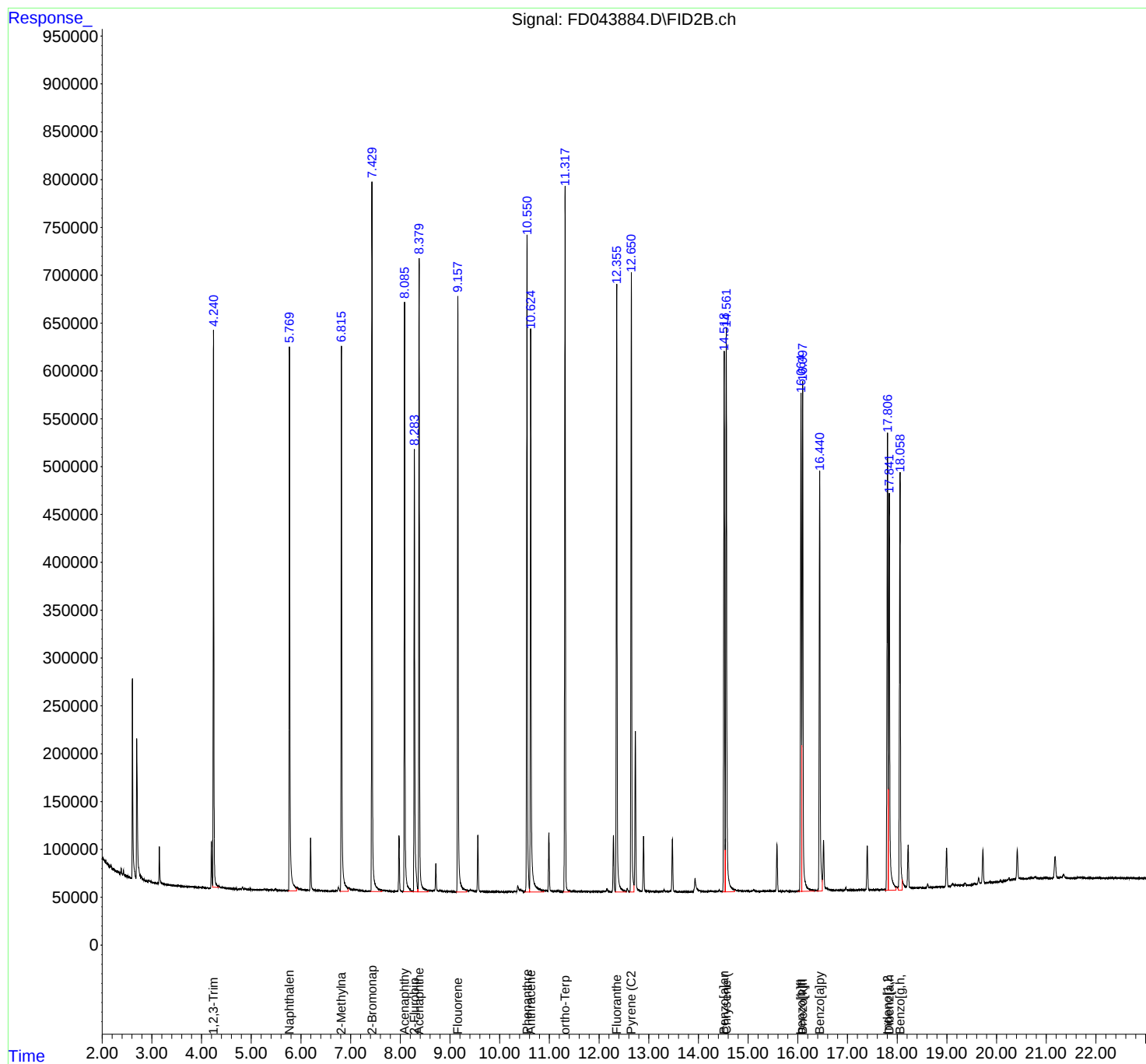
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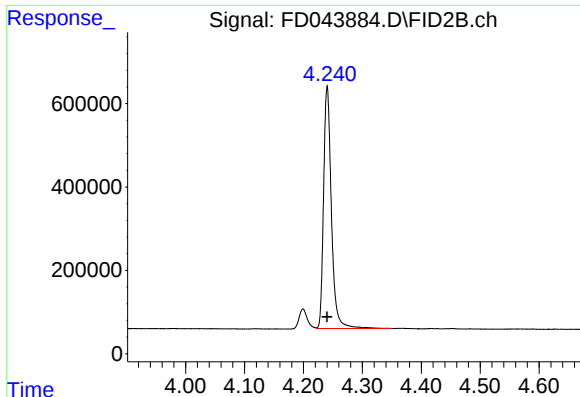
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 5382589
Conc: 35.82 ug/ml

Instrument :

FID_D

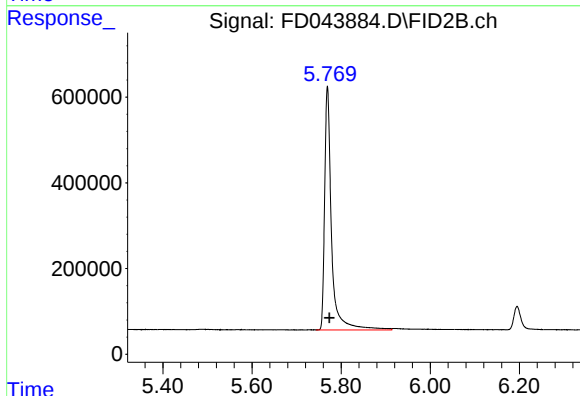
ClientSampleId :

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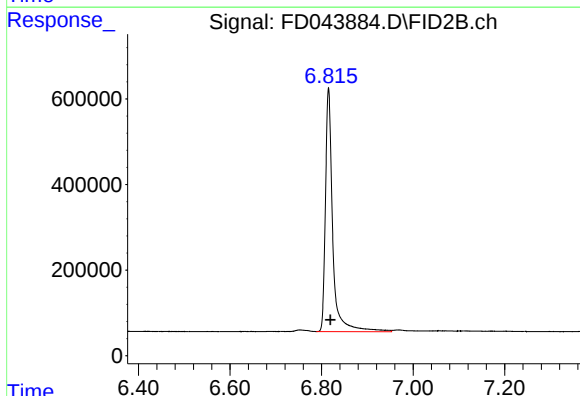
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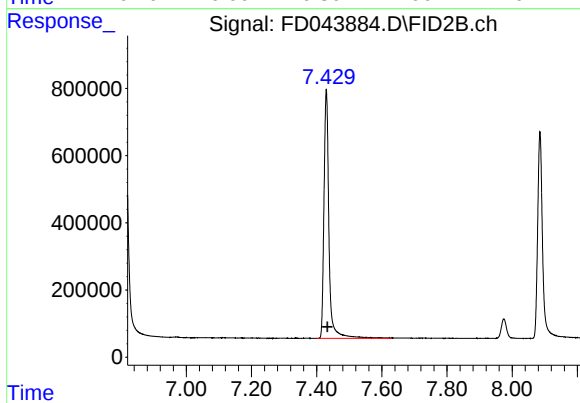
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 6125187
Conc: 43.01 ug/ml



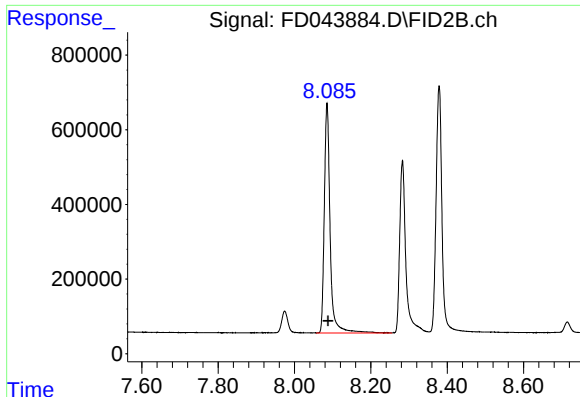
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.815 min
Delta R.T.: -0.004 min
Response: 6319725
Conc: 43.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 7898680
Conc: 60.03 ug/ml



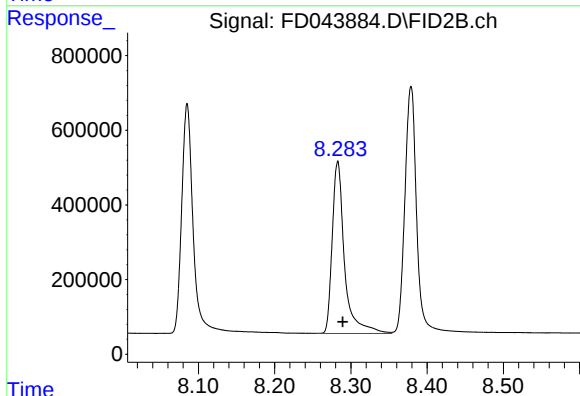
#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 6533808
Conc: 42.34 ug/ml

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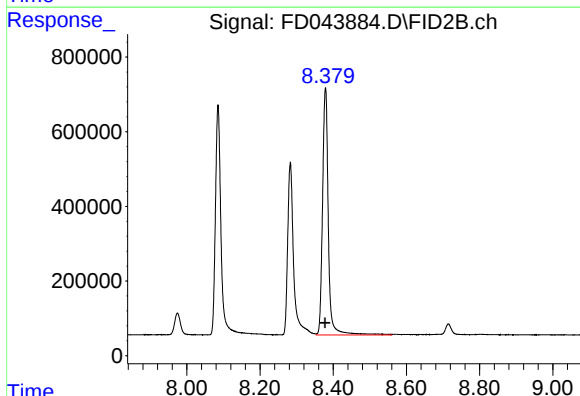
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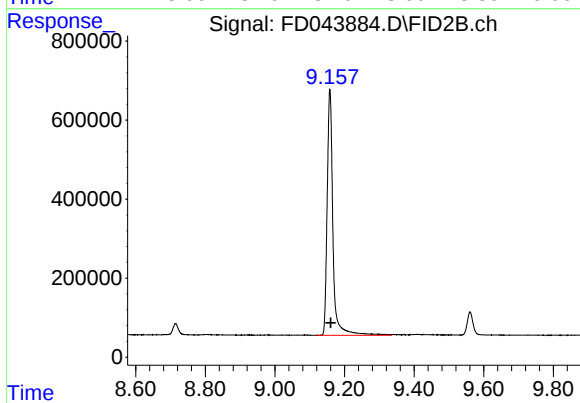
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 5180737
Conc: 71.82 ug/ml



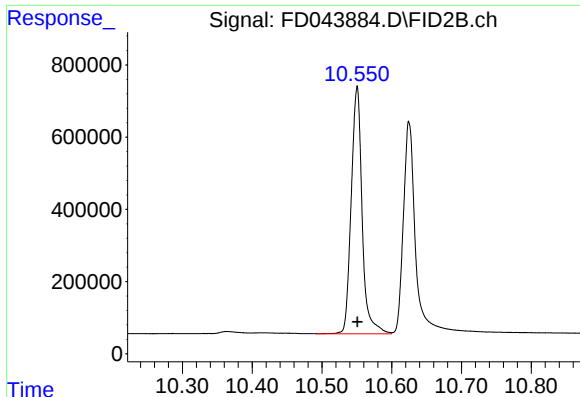
#7 Acenaphthene (C15.5)

R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 7276784
Conc: 41.58 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: -0.003 min
Response: 7171066
Conc: 48.79 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.550 min
Delta R.T.: 0.000 min
Response: 7453417
Conc: 51.51 ug/ml

Instrument :

FID_D

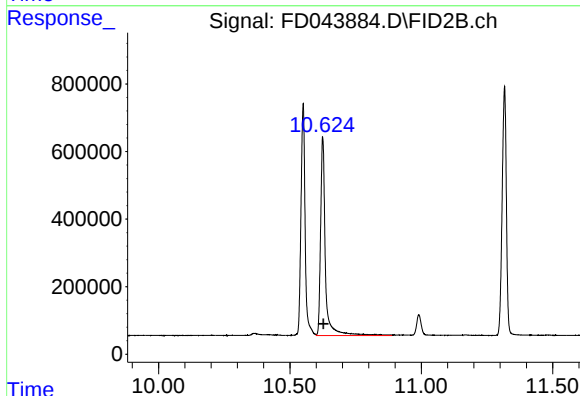
ClientSampleId :

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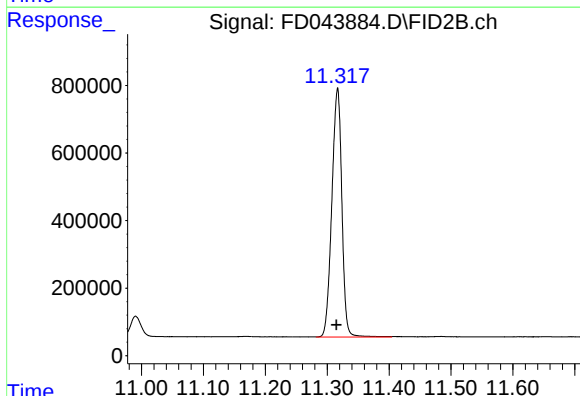
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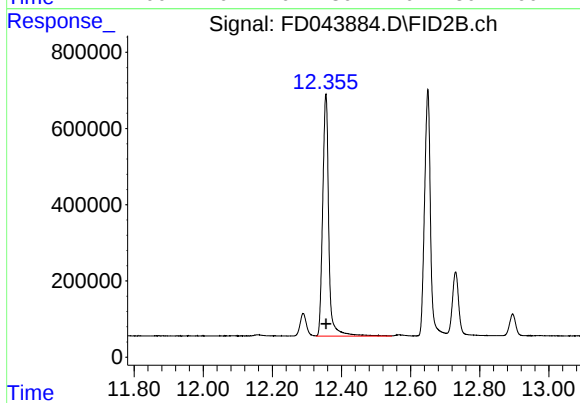
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.003 min
Response: 7497861
Conc: 51.09 ug/ml



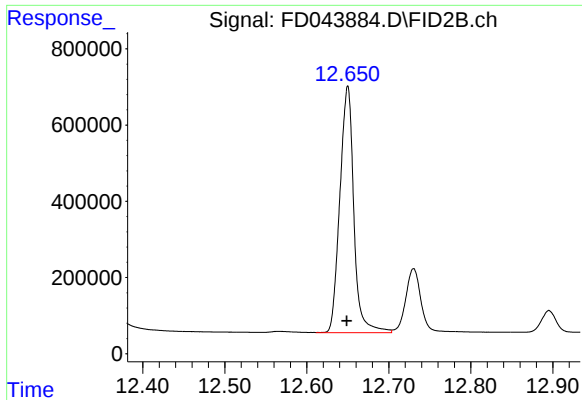
#11 ortho-Terphenyl (SURR)

R.T.: 11.317 min
Delta R.T.: 0.002 min
Response: 8273129
Conc: 44.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 7767059
Conc: 50.64 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: 0.001 min
Response: 7665080
Conc: 51.53 ug/ml

Instrument :

FID_D

ClientSampleId :

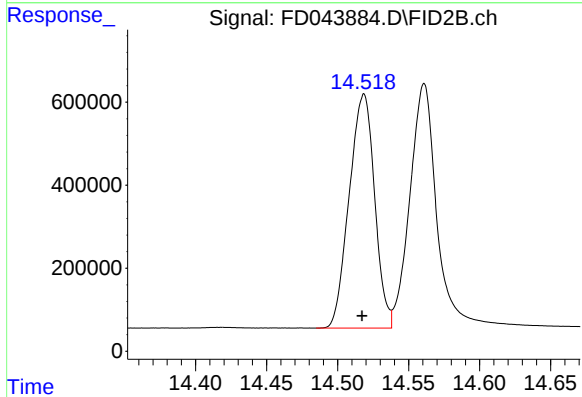
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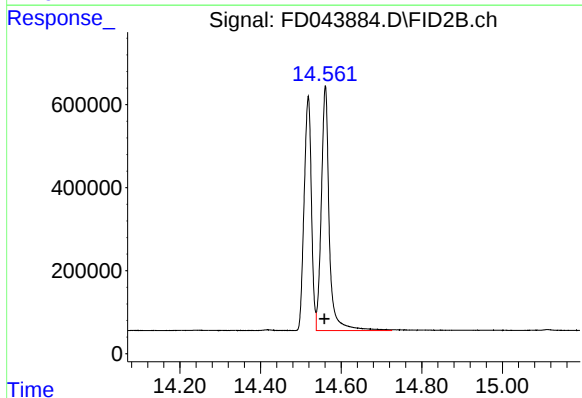
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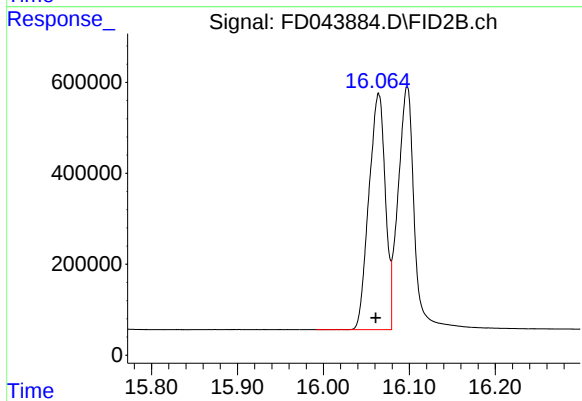
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.518 min
Delta R.T.: 0.001 min
Response: 7030570
Conc: 62.89 ug/ml



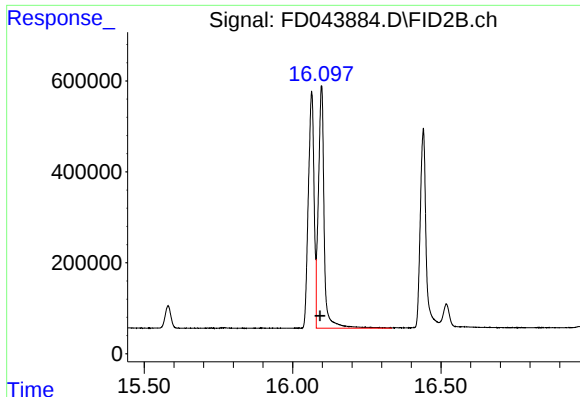
#15 Chrysene (C27.41)

R.T.: 14.561 min
Delta R.T.: 0.003 min
Response: 8125379
Conc: 51.99 ug/ml



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

R.T.: 16.064 min
Delta R.T.: 0.003 min
Response: 6908121
Conc: 59.24 ug/ml



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

R.T.: 16.097 min
Delta R.T.: 0.005 min
Response: 7221995
Conc: 48.64 ug/ml

Instrument :

FID_D

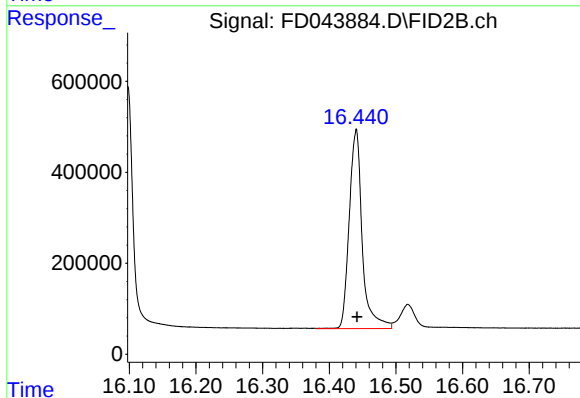
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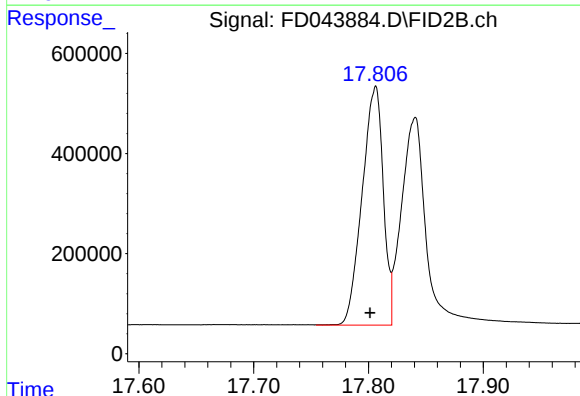
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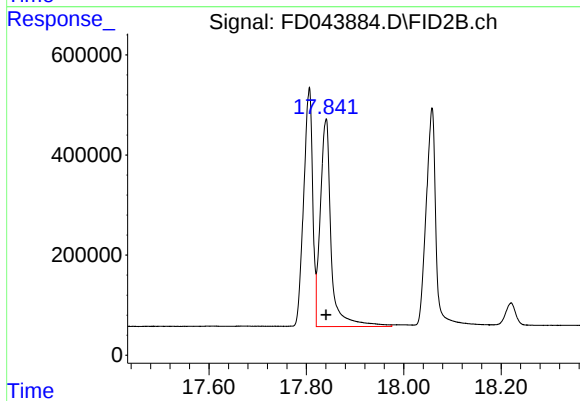
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.440 min
Delta R.T.: -0.002 min
Response: 5931575
Conc: 48.97 ug/ml



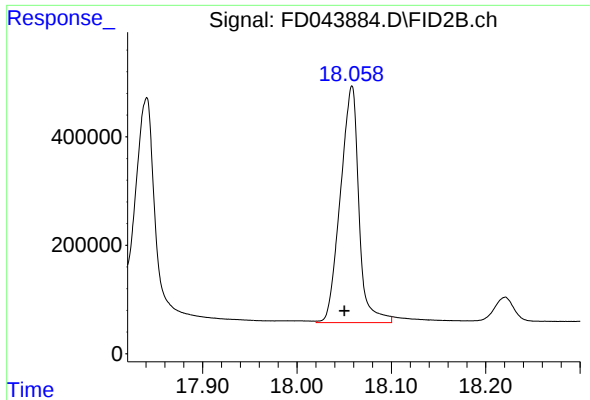
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.806 min
Delta R.T.: 0.004 min
Response: 6092865
Conc: 64.08 ug/ml



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

R.T.: 17.840 min
Delta R.T.: 0.000 min
Response: 6430584
Conc: 53.53 ug/ml



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

R.T.: 18.058 min
Delta R.T.: 0.007 min
Response: 5958338
Conc: 52.29 ug/ml

Instrument :

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