

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AR\
 Data File : FD043820.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 01:11
 Operator : YP/AJ
 Sample : PB147505BSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147505BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 05:43:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 10:52:36 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...	7.439	7213253	41.748 ug/ml
Spiked Amount 50.000		Recovery =	83.50%
6) S 2-Fluorobiphenyl (SURR)	8.293	4711304	46.835 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.67%
11) S ortho-Terphenyl (SURR)	11.325	7132059	34.090 ug/ml
Spiked Amount 50.000		Recovery =	68.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.248	5036637	25.291 ug/mlm
2) T Naphthalene (C11.7)	5.779	5770122	28.707 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	5608585	31.073 ug/ml
5) T Acenaphthylene (C15.06)	8.095	5945694	29.745 ug/ml
7) T Acenaphthene (C15.5)	8.388	6626764	30.828 ug/ml
8) T Flouorene (C16.55)	9.167	6461378	33.703 ug/ml
9) T Phenanthrene (C19.36)	10.560	6719438	37.366 ug/ml
10) T Anthracene (C19.43)	10.635	6997709	35.977 ug/ml
12) T Fluoranthene (C21.85)	12.364	6845846	37.539 ug/ml
13) T Pyrene (C20.8)	12.658	6789122	36.371 ug/ml
14) T Benzo[a]anthracene (C...	14.527	6324608	44.203 ug/ml
15) T Chrysene (C27.41)	14.569	7279757	37.717 ug/ml
16) T benzo[b]fluoranthene ...	16.073	6136308	42.525 ug/ml
17) T Bnezo[k]fluoranthene ...	16.104	5936976	34.518 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	5155644	35.506 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.813	5397592	52.192 ug/ml
20) T Dibenz[a,h]anthracene...	17.848	5867229	41.693 ug/ml
21) T Benzo[g,h,i]perylene ...	18.064	5626270	44.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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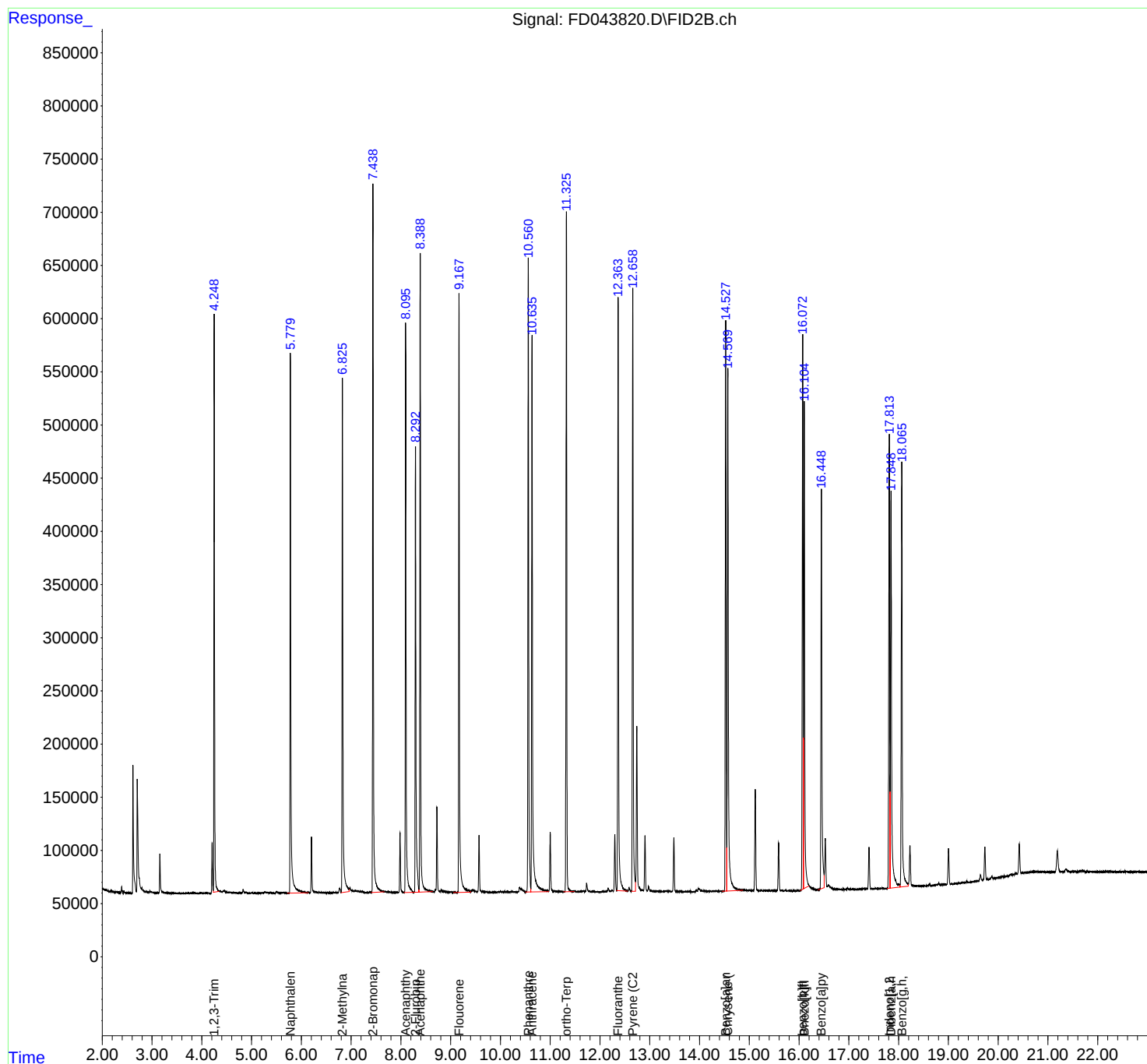
Instrument :
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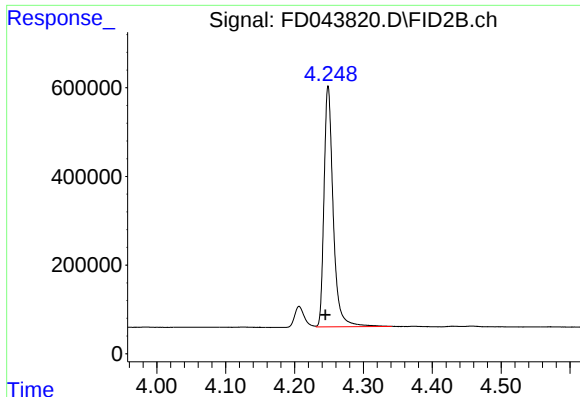
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.248 min
Delta R.T.: 0.003 min
Response: 5036637
Conc: 25.29 ug/ml

Instrument :

FID_D

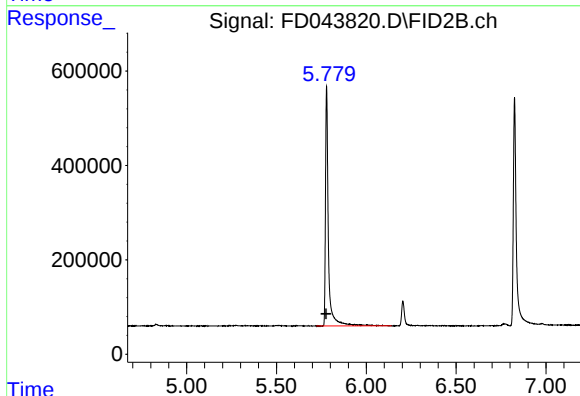
ClientSampleId :

PB147505BSD

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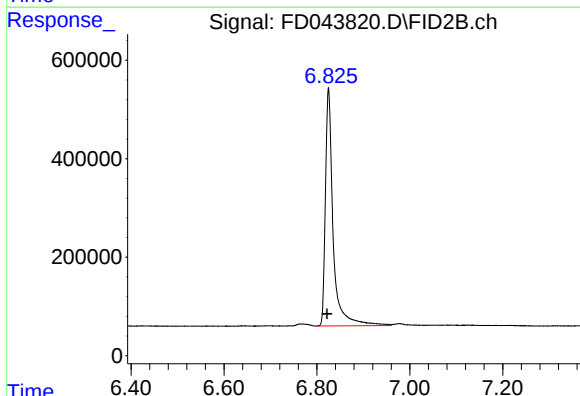
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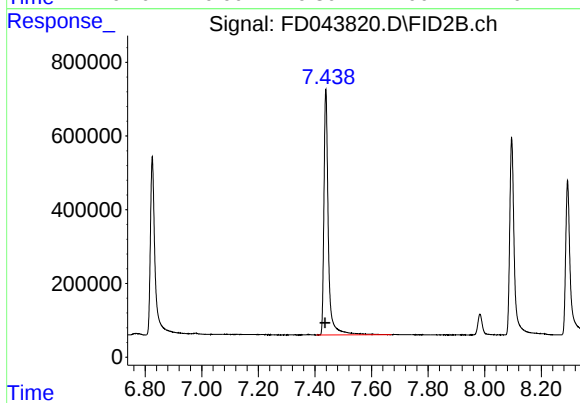
#2 Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: 0.003 min
Response: 5770122
Conc: 28.71 ug/ml



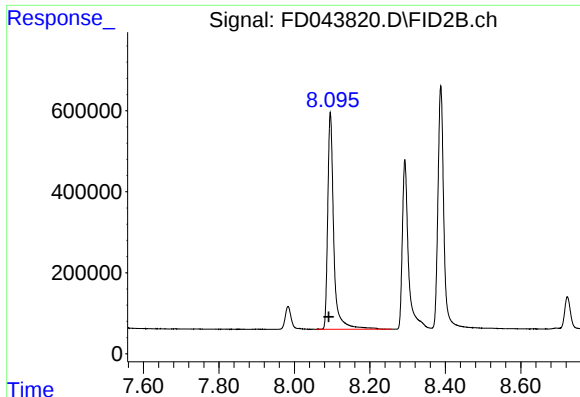
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: 0.003 min
Response: 5608585
Conc: 31.07 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: 0.003 min
Response: 7213253
Conc: 41.75 ug/ml



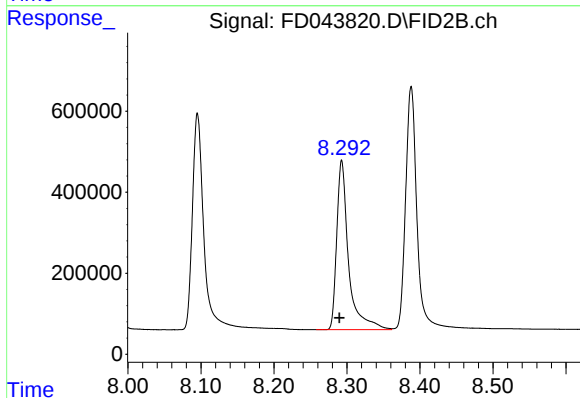
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: 0.004 min
Response: 5945694
Conc: 29.75 ug/ml

Instrument :
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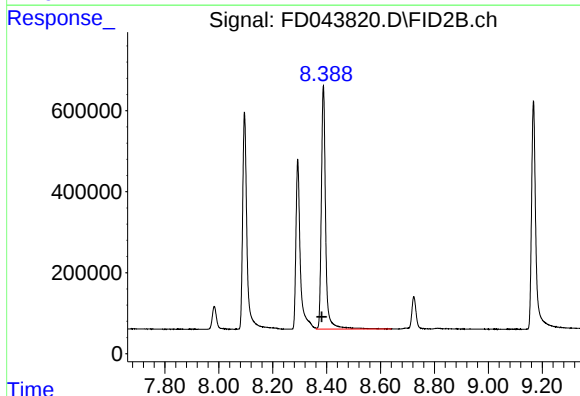
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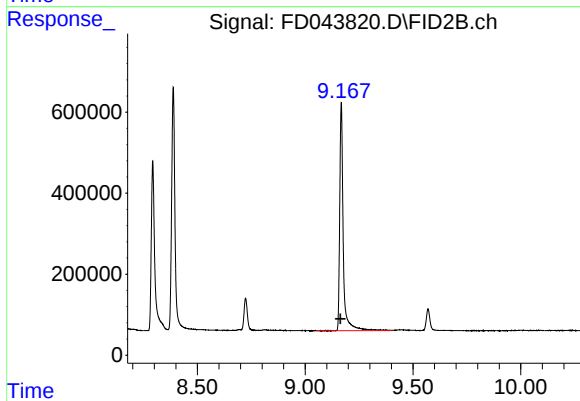
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.293 min
Delta R.T.: 0.003 min
Response: 4711304
Conc: 46.84 ug/ml



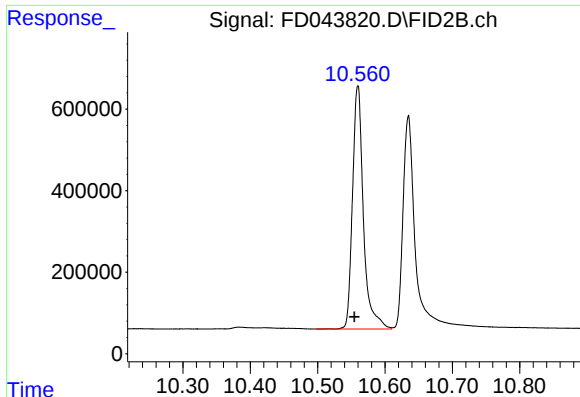
#7 Acenaphthene (C15.5)

R.T.: 8.388 min
Delta R.T.: 0.005 min
Response: 6626764
Conc: 30.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.167 min
Delta R.T.: 0.004 min
Response: 6461378
Conc: 33.70 ug/ml



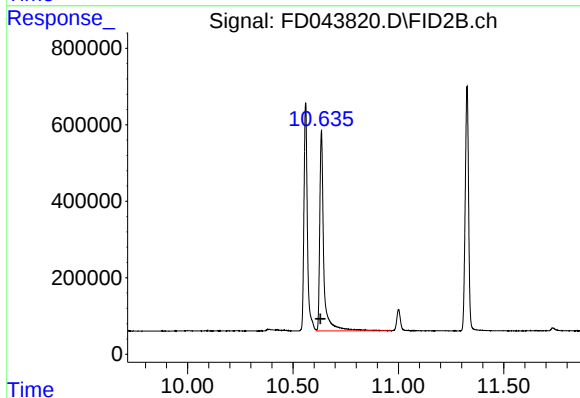
#9 Phenanthrene (C19.36)

R.T.: 10.560 min
Delta R.T.: 0.005 min
Response: 6719438
Conc: 37.37 ug/ml

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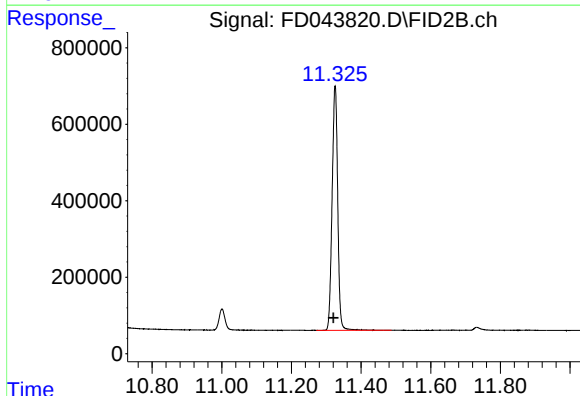
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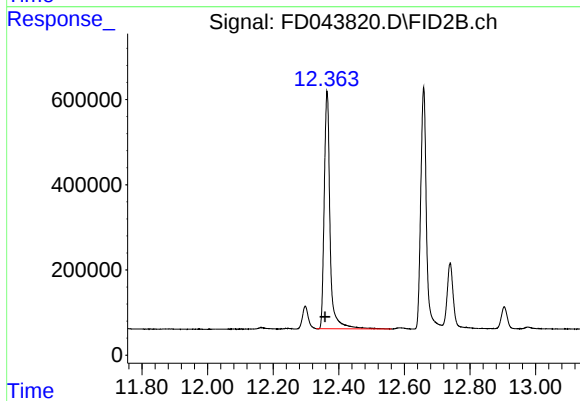
#10 Anthracene (C19.43)

R.T.: 10.635 min
Delta R.T.: 0.004 min
Response: 6997709
Conc: 35.98 ug/ml



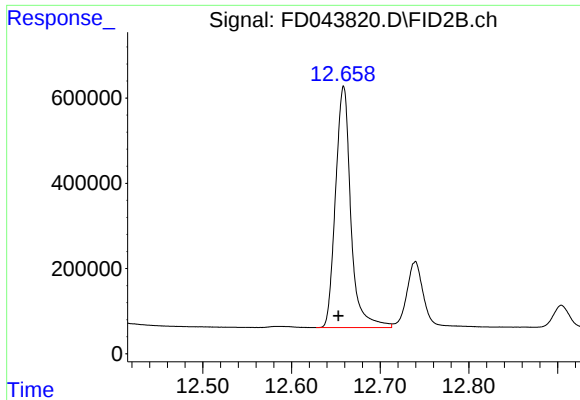
#11 ortho-Terphenyl (SURR)

R.T.: 11.325 min
Delta R.T.: 0.005 min
Response: 7132059
Conc: 34.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.364 min
Delta R.T.: 0.005 min
Response: 6845846
Conc: 37.54 ug/ml



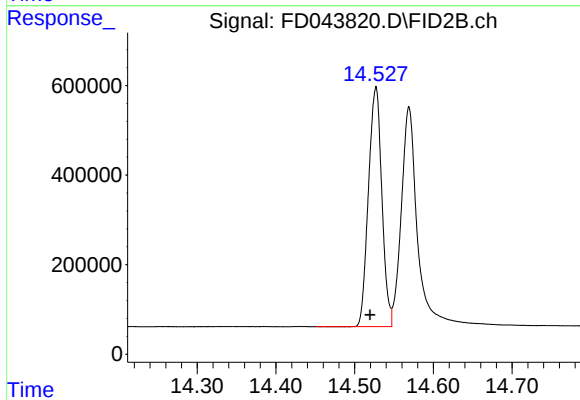
#13 Pyrene (C20.8)

R.T.: 12.658 min
Delta R.T.: 0.006 min
Response: 6789122
Conc: 36.37 ug/ml

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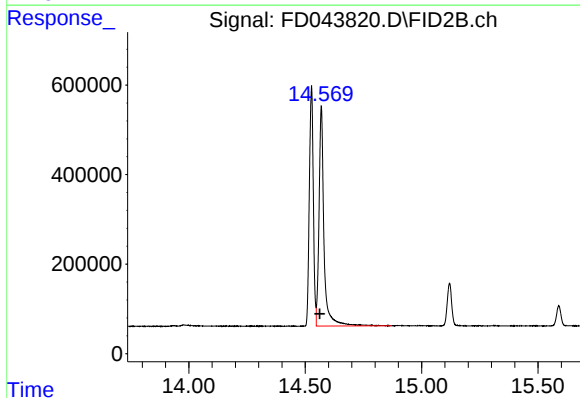
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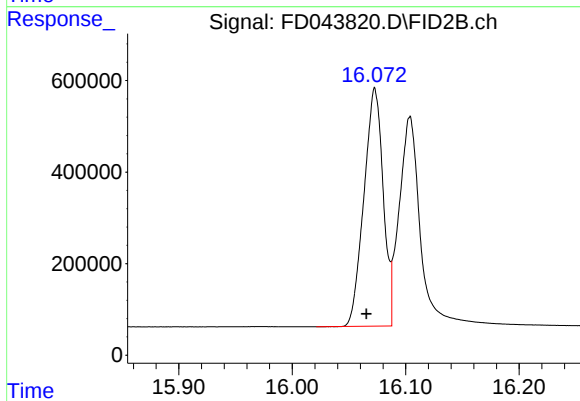
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.527 min
Delta R.T.: 0.007 min
Response: 6324608
Conc: 44.20 ug/ml



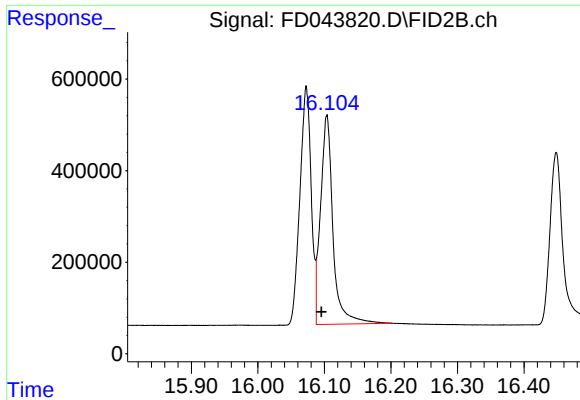
#15 Chrysene (C27.41)

R.T.: 14.569 min
Delta R.T.: 0.007 min
Response: 7279757
Conc: 37.72 ug/ml



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

R.T.: 16.073 min
Delta R.T.: 0.007 min
Response: 6136308
Conc: 42.52 ug/ml



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

R.T.: 16.104 min
Delta R.T.: 0.008 min
Response: 5936976
Conc: 34.52 ug/ml

Instrument :

FID_D

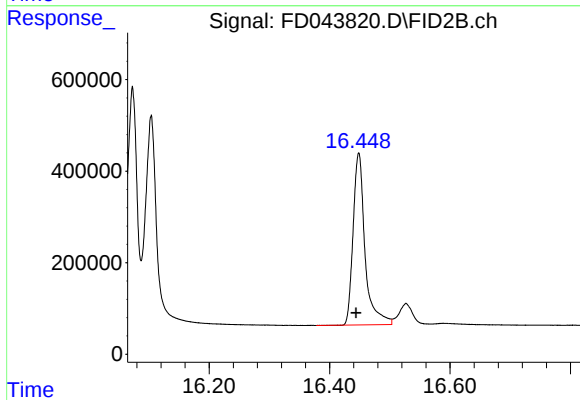
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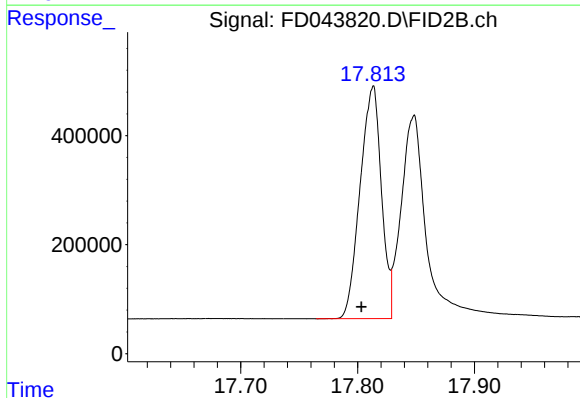
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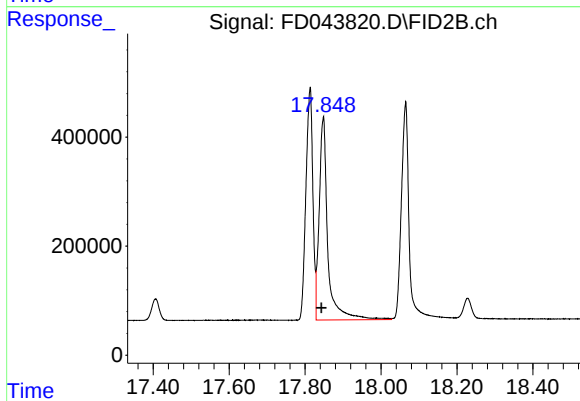
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: 0.005 min
Response: 5155644
Conc: 35.51 ug/ml



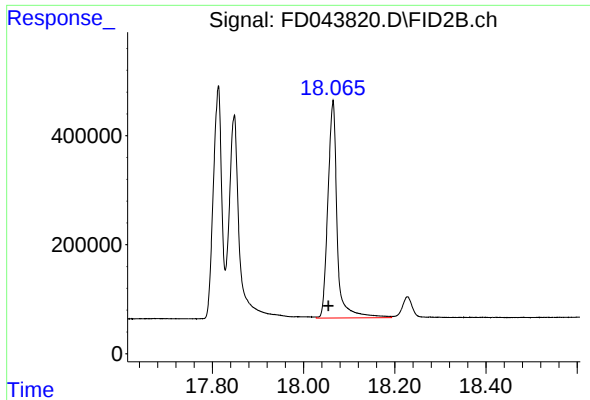
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.813 min
Delta R.T.: 0.009 min
Response: 5397592
Conc: 52.19 ug/ml



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

R.T.: 17.848 min
Delta R.T.: 0.005 min
Response: 5867229
Conc: 41.69 ug/ml



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

R.T.: 18.064 min
Delta R.T.: 0.010 min
Response: 5626270
Conc: 44.20 ug/ml

Instrument :

FID_D

ClientSampleId :

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