

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048462.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 22:07
 Operator : YP/AJ
 Sample : PB164054BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164054BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e

Quant Time: Oct 14 04:58:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 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...	7.379	8532621	51.535 ug/ml
Spiked Amount 50.000		Recovery =	103.07%
6) S 2-Fluorobiphenyl (SURR)	8.229	5202838	50.170 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.34%
11) S ortho-Terphenyl (SURR)	11.265	7598488	41.297 ug/ml
Spiked Amount 50.000		Recovery =	82.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	5863751	33.458 ug/ml
2) T Naphthalene (C11.7)	5.718	6928553	37.108 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	6826282	36.120 ug/ml
5) T Acenaphthylene (C15.06)	8.032	7268070	37.886 ug/ml
7) T Acenaphthene (C15.5)	8.327	7597338	40.164 ug/ml
8) T Fluorene (C16.55)	9.105	7570606	41.902 ug/ml
9) T Phenanthrene (C19.36)	10.493	7439510	41.977 ug/ml
10) T Anthracene (C19.43)	10.569	7558949	42.480 ug/ml
12) T Fluoranthene (C21.85)	12.298	7475359	41.329 ug/mlm
13) T Pyrene (C20.8)	12.591	7898948	44.111 ug/ml
14) T Benzo[a]anthracene (C...	14.460	7047085	44.095 ug/ml
15) T Chrysene (C27.41)	14.502	7079733	37.956 ug/ml
16) T benzo[b]fluoranthene ...	16.008	6953481	41.752 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	6930603	40.829 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	6656518	40.727 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	6723336	51.112 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	6590993	39.388 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	6333047	38.991 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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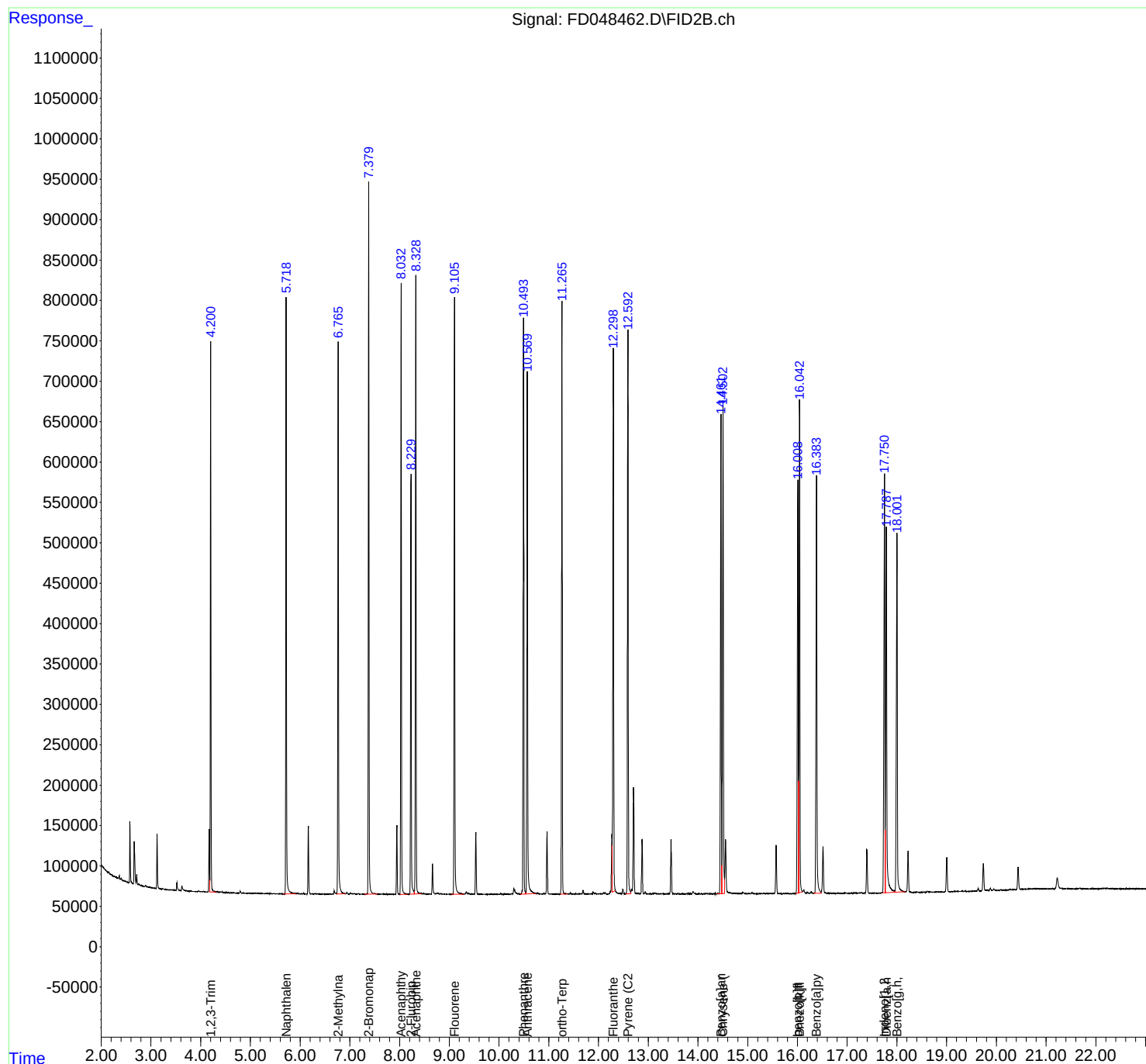
Response via : Initial Calibration

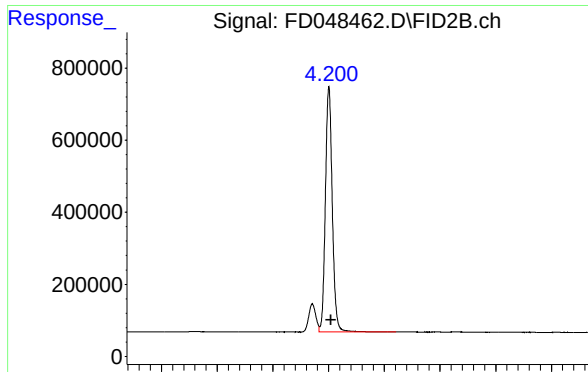
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 5863751
Conc: 33.46 ug/ml

Instrument :

FID_D

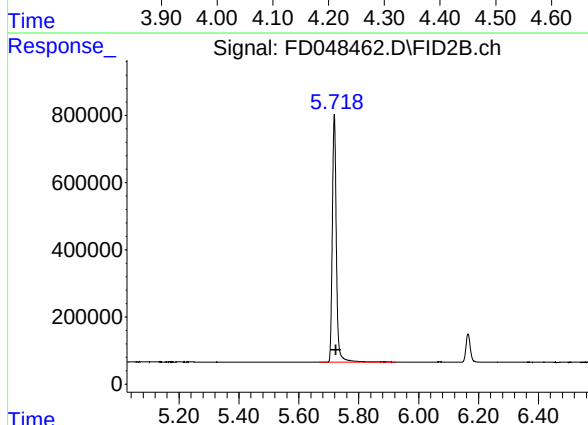
ClientSampleId :

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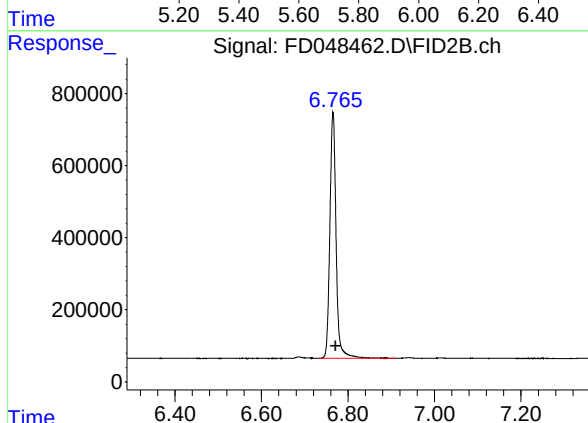
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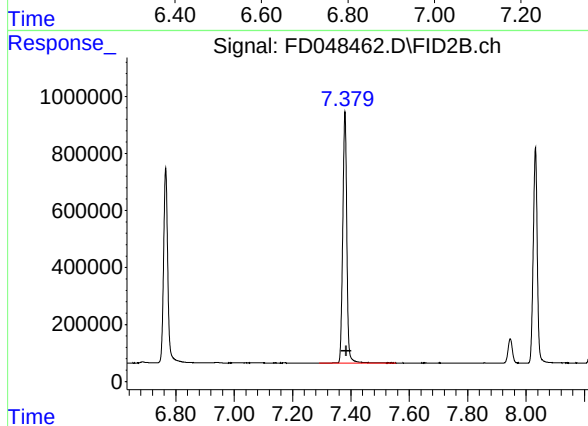
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: -0.006 min
Response: 6928553
Conc: 37.11 ug/ml



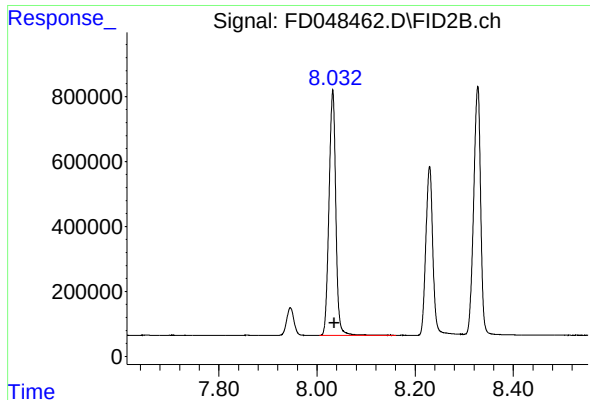
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 6826282
Conc: 36.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.379 min
Delta R.T.: -0.005 min
Response: 8532621
Conc: 51.54 ug/ml



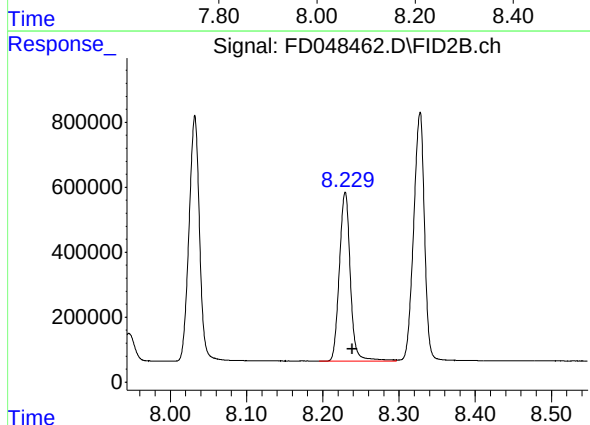
#5 Acenaphthylene (C15.06)

R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 7268070
Conc: 37.89 ug/ml

Instrument :
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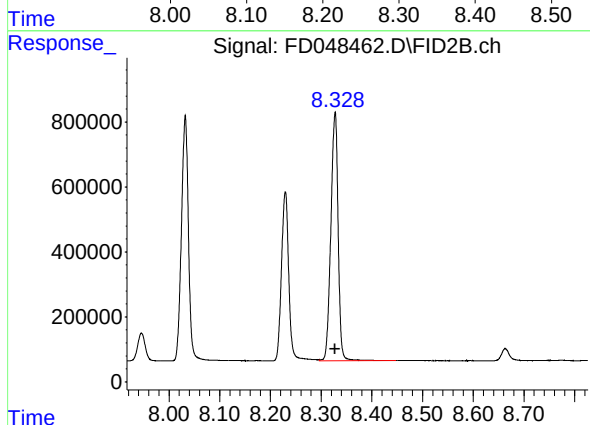
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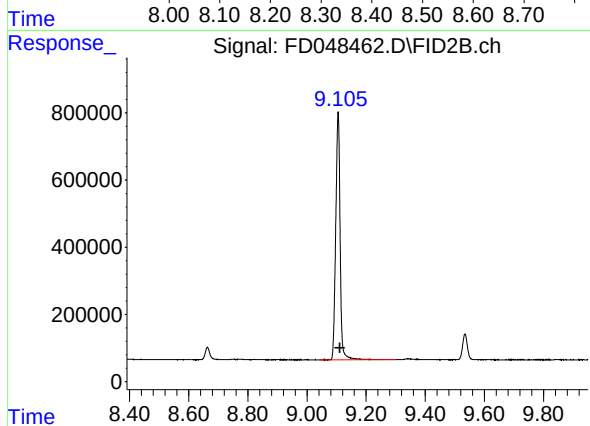
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: -0.010 min
Response: 5202838
Conc: 50.17 ug/ml



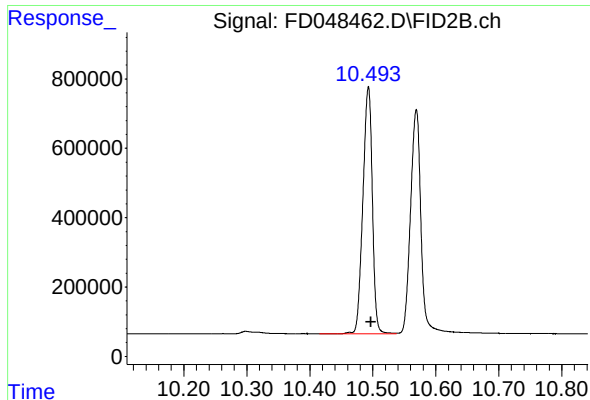
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 7597338
Conc: 40.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.105 min
Delta R.T.: -0.006 min
Response: 7570606
Conc: 41.90 ug/ml



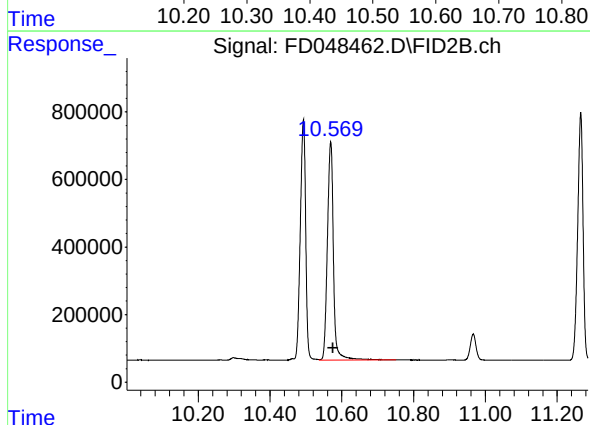
#9 Phenanthrene (C19.36)

R.T.: 10.493 min
Delta R.T.: -0.004 min
Response: 7439510
Conc: 41.98 ug/ml

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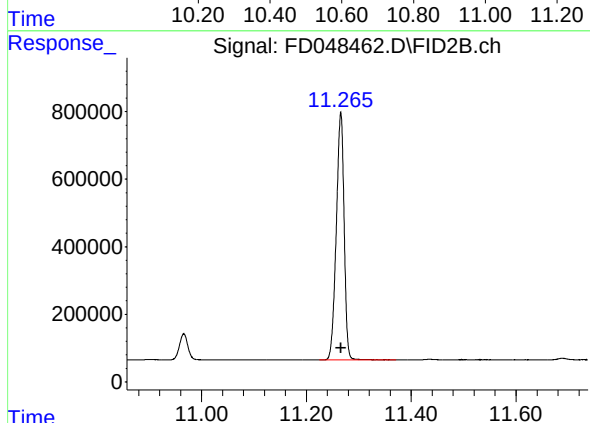
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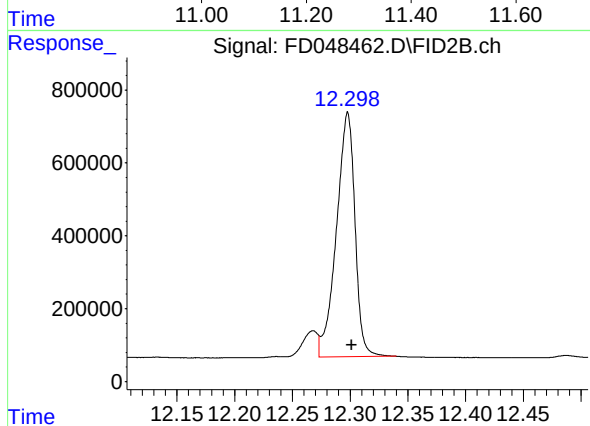
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.007 min
Response: 7558949
Conc: 42.48 ug/ml



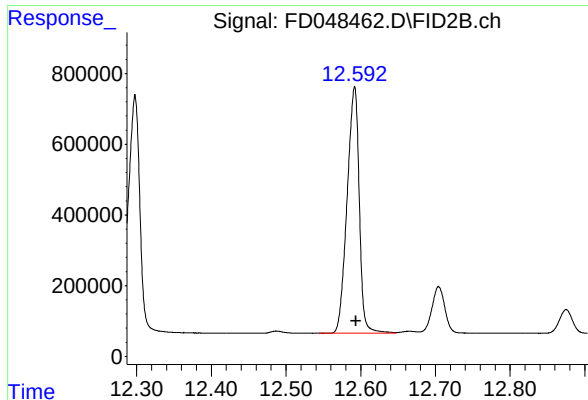
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7598488
Conc: 41.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.298 min
Delta R.T.: -0.004 min
Response: 7475359
Conc: 41.33 ug/ml m



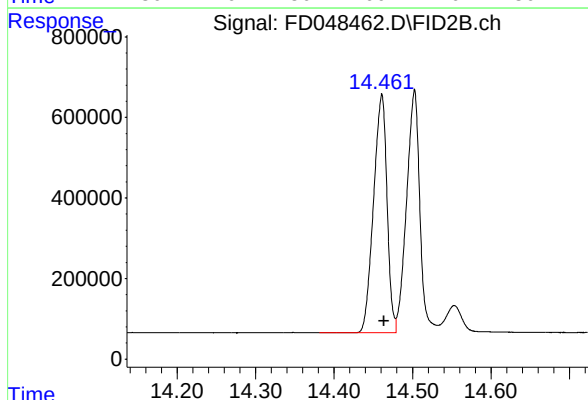
#13 Pyrene (C20.8)

R.T.: 12.591 min
Delta R.T.: -0.002 min
Response: 7898948
Conc: 44.11 ug/ml

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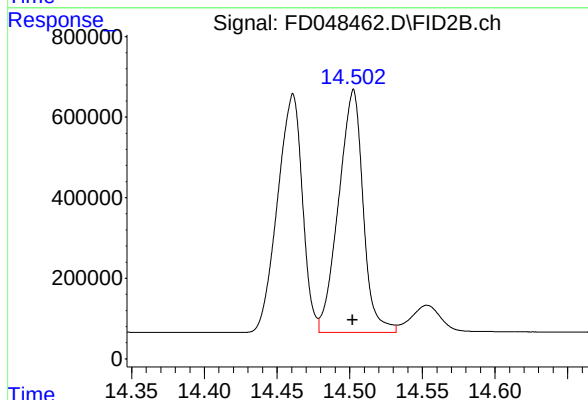
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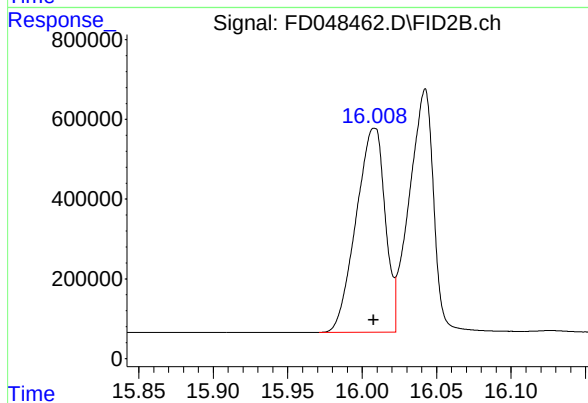
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: -0.003 min
Response: 7047085
Conc: 44.10 ug/ml



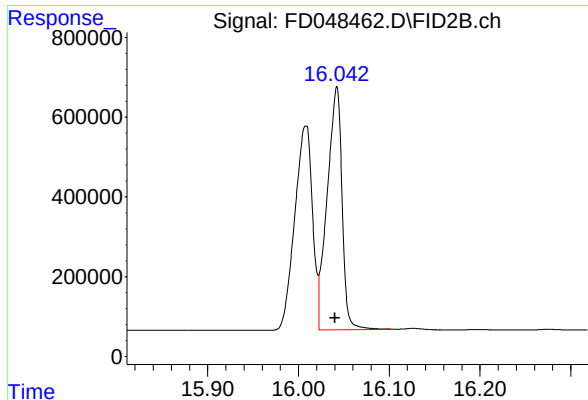
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.000 min
Response: 7079733
Conc: 37.96 ug/ml



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

R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 6953481
Conc: 41.75 ug/ml



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

R.T.: 16.041 min
Delta R.T.: 0.001 min
Response: 6930603
Conc: 40.83 ug/ml

Instrument :

FID_D

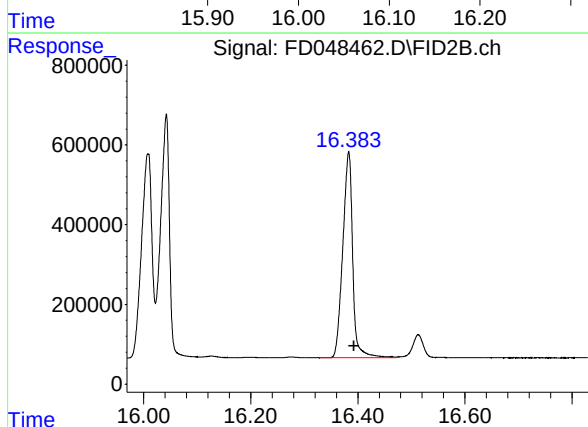
ClientSampleId :

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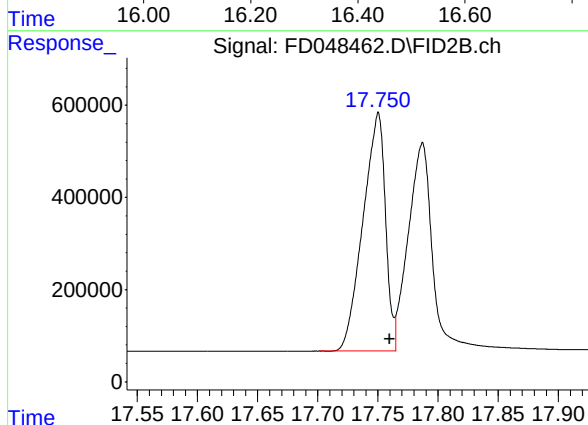
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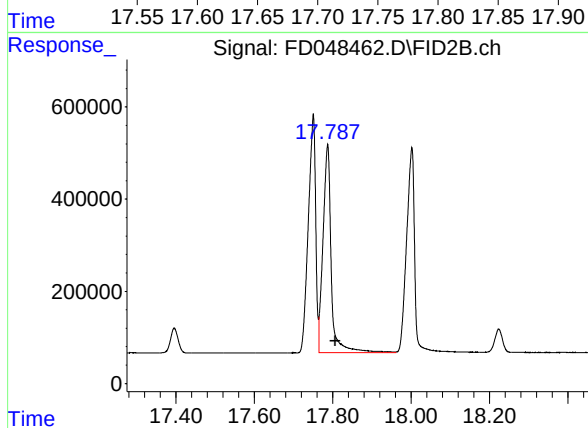
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: -0.010 min
Response: 6656518
Conc: 40.73 ug/ml



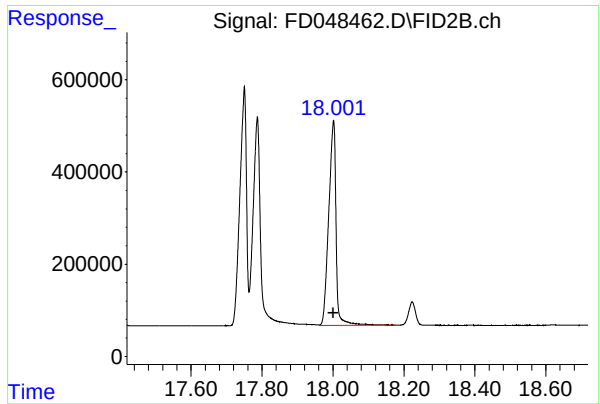
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: -0.010 min
Response: 6723336
Conc: 51.11 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.020 min
Response: 6590993
Conc: 39.39 ug/ml



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

R.T.: 18.001 min
Delta R.T.: 0.000 min
Response: 6333047
Conc: 38.99 ug/ml

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