

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100224AR\
 Data File : FD048410.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 16:55
 Operator : YP/AJ
 Sample : PB163837BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB163837BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e

Quant Time: Oct 03 03:40:35 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...	7.381	7884238	47.619 ug/ml
Spiked Amount 50.000		Recovery =	95.24%
6) S 2-Fluorobiphenyl (SURR)	8.231	5166457	49.819 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.64%
11) S ortho-Terphenyl (SURR)	11.267	7304399	39.699 ug/ml
Spiked Amount 50.000		Recovery =	79.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.203	6760379	38.574 ug/ml
2) T Naphthalene (C11.7)	5.721	7705573	41.270 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	7196643	38.080 ug/ml
5) T Acenaphthylene (C15.06)	8.034	7721685	40.250 ug/ml
7) T Acenaphthene (C15.5)	8.330	8342001	44.101 ug/ml
8) T Flouorene (C16.55)	9.108	8416512	46.584 ug/ml
9) T Phenanthrene (C19.36)	10.496	8672525	48.934 ug/ml
10) T Anthracene (C19.43)	10.572	8845552	49.711 ug/ml
12) T Fluoranthene (C21.85)	12.302	9066890	50.128 ug/mlm
13) T Pyrene (C20.8)	12.596	9687964	54.102 ug/ml
14) T Benzo[a]anthracene (C...	14.464	8627995	53.987 ug/ml
15) T Chrysene (C27.41)	14.508	8671041	46.487 ug/ml
16) T benzo[b]fluoranthene ...	16.012	8560716	51.403 ug/ml
17) T Bnezo[k]fluoranthene ...	16.048	8461314	49.846 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.389	8181664	50.058 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.756	8389438	63.779 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	7968810	47.622 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	7755239	47.747 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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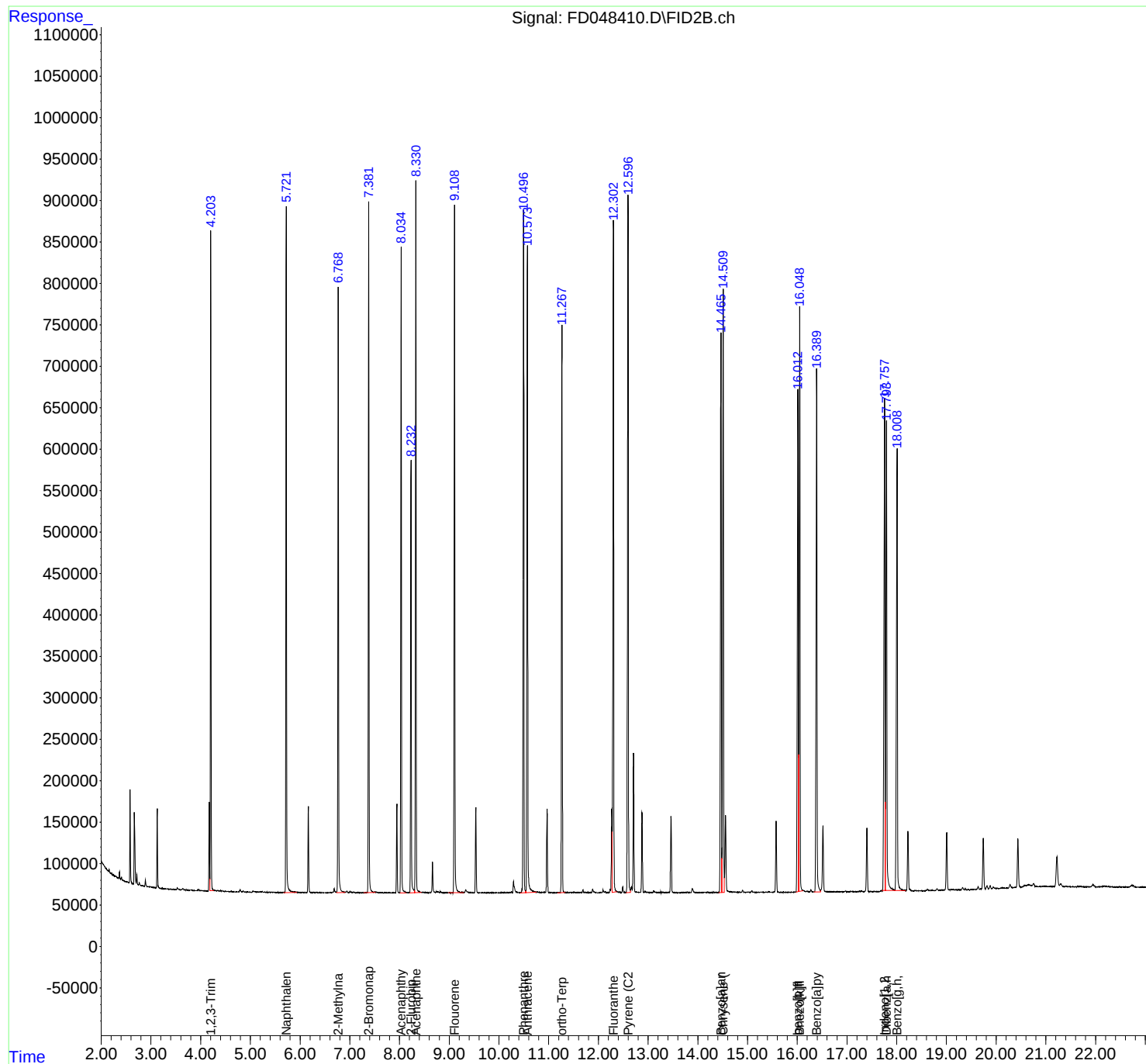
Response via : Initial Calibration

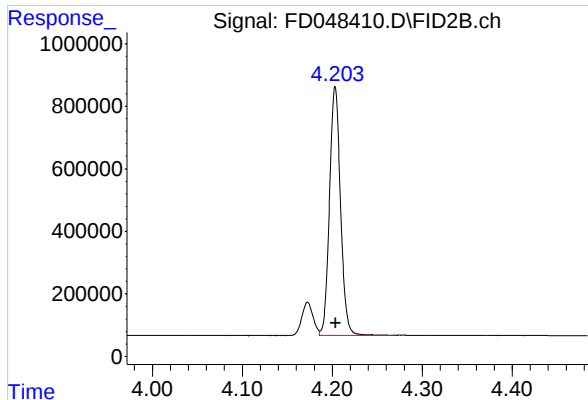
Integrator: ChemStation

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.: 4.203 min
Delta R.T.: 0.000 min
Response: 6760379
Conc: 38.57 ug/ml

Instrument :

FID_D

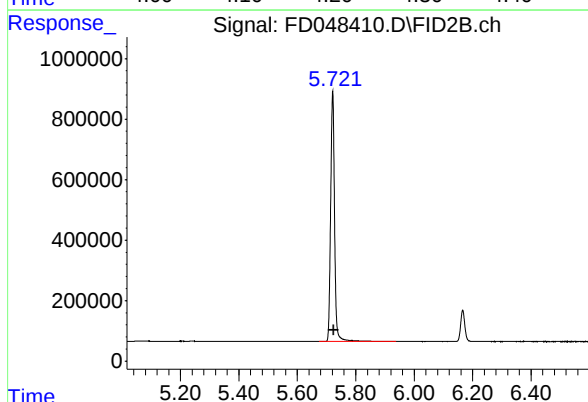
ClientSampleId :

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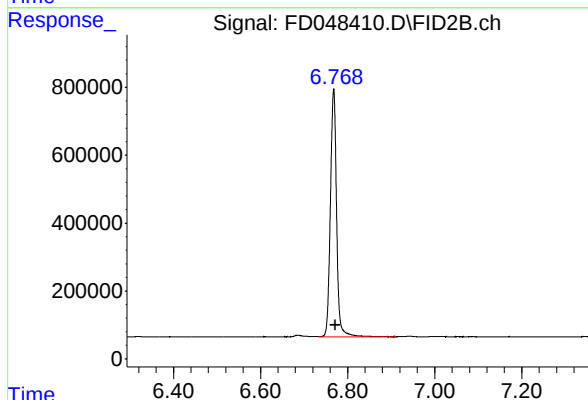
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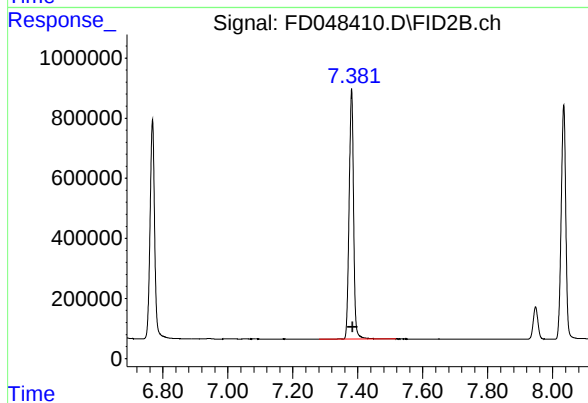
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.004 min
Response: 7705573
Conc: 41.27 ug/ml



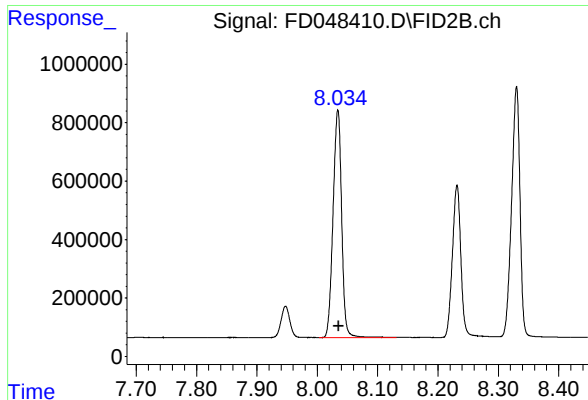
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 7196643
Conc: 38.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min
Delta R.T.: -0.004 min
Response: 7884238
Conc: 47.62 ug/ml



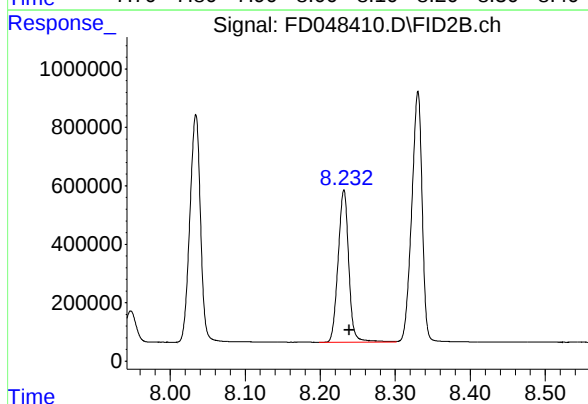
#5 Acenaphthylene (C15.06)

R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 7721685
Conc: 40.25 ug/ml

Instrument :
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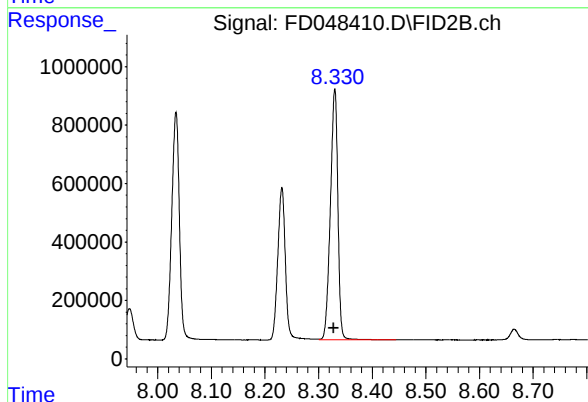
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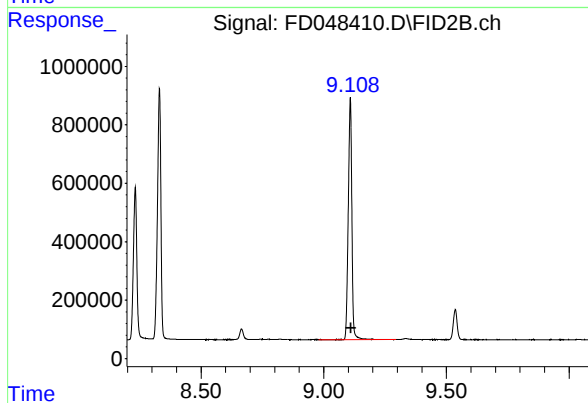
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.007 min
Response: 5166457
Conc: 49.82 ug/ml



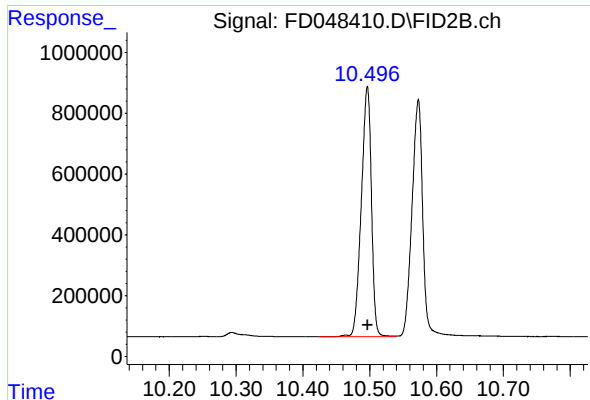
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: 0.002 min
Response: 8342001
Conc: 44.10 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.108 min
Delta R.T.: -0.003 min
Response: 8416512
Conc: 46.58 ug/ml



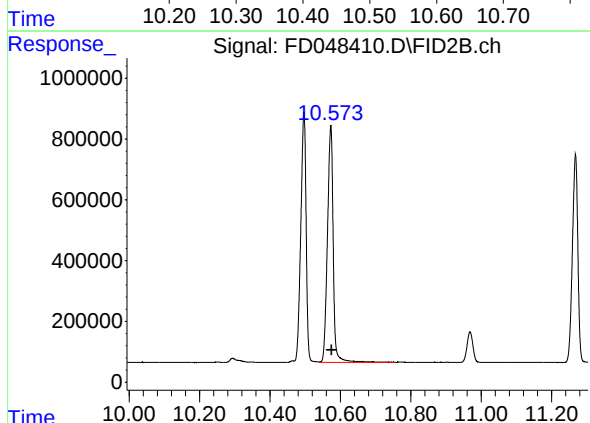
#9 Phenanthrene (C19.36)

R.T.: 10.496 min
Delta R.T.: 0.000 min
Response: 8672525
Conc: 48.93 ug/ml

Instrument :
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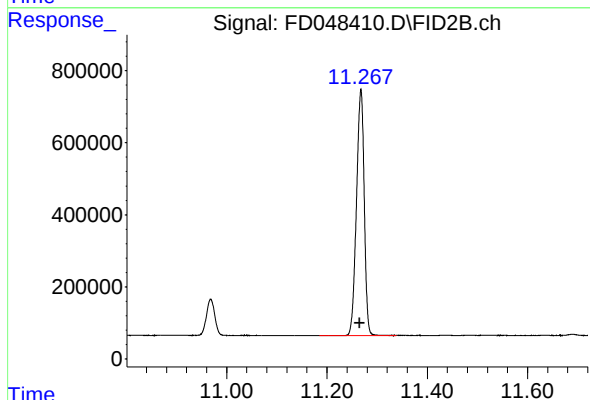
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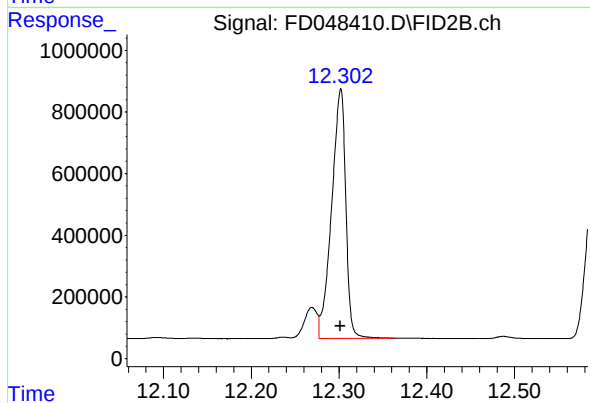
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.003 min
Response: 8845552
Conc: 49.71 ug/ml



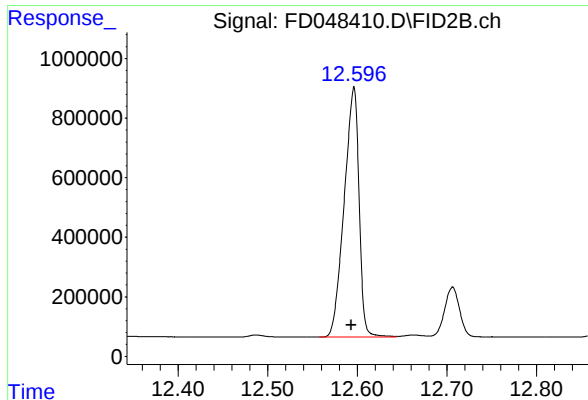
#11 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 7304399
Conc: 39.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: 0.000 min
Response: 9066890
Conc: 50.13 ug/ml m



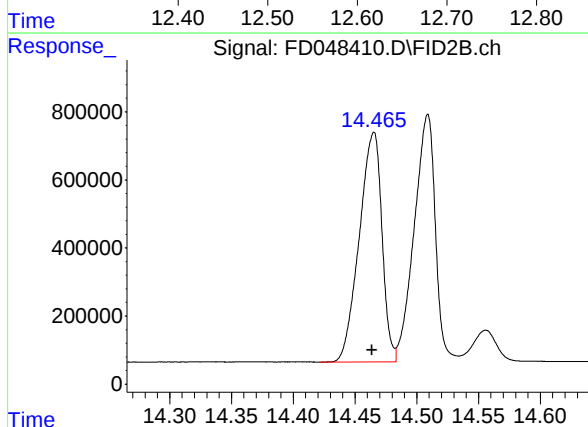
#13 Pyrene (C20.8)

R.T.: 12.596 min
Delta R.T.: 0.002 min
Response: 9687964
Conc: 54.10 ug/ml

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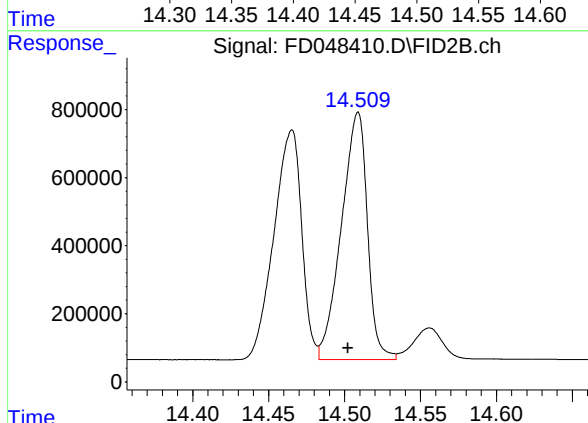
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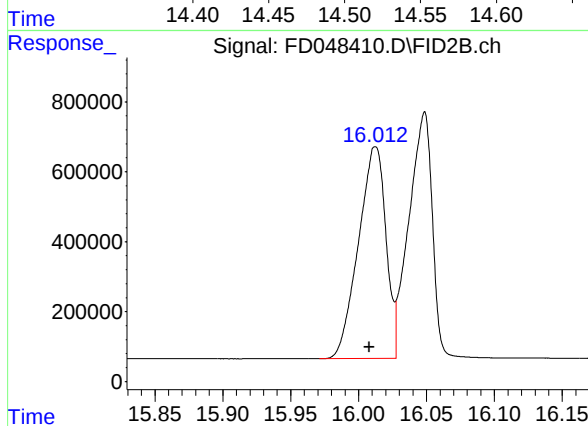
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: 0.000 min
Response: 8627995
Conc: 53.99 ug/ml



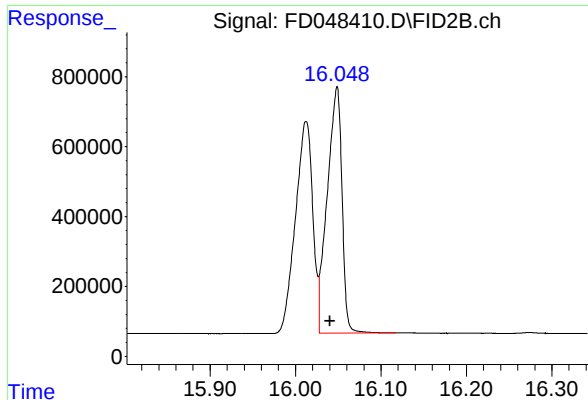
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: 0.006 min
Response: 8671041
Conc: 46.49 ug/ml



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

R.T.: 16.012 min
Delta R.T.: 0.004 min
Response: 8560716
Conc: 51.40 ug/ml



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

R.T.: 16.048 min
Delta R.T.: 0.007 min
Response: 8461314
Conc: 49.85 ug/ml

Instrument :

FID_D

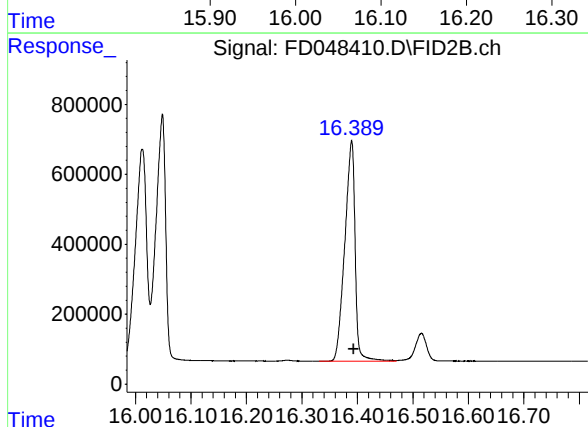
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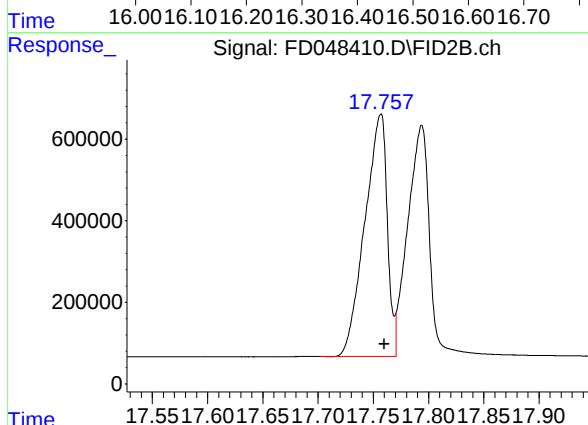
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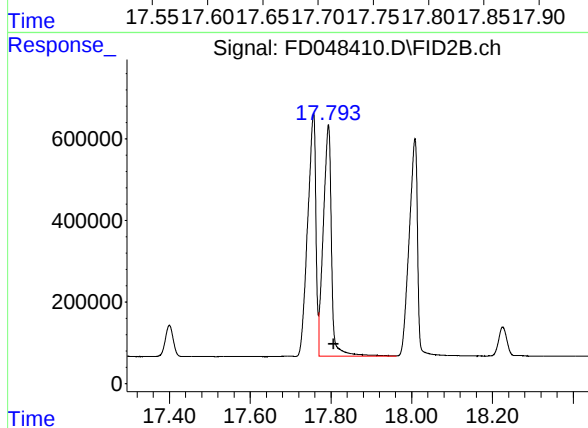
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.389 min
Delta R.T.: -0.004 min
Response: 8181664
Conc: 50.06 ug/ml



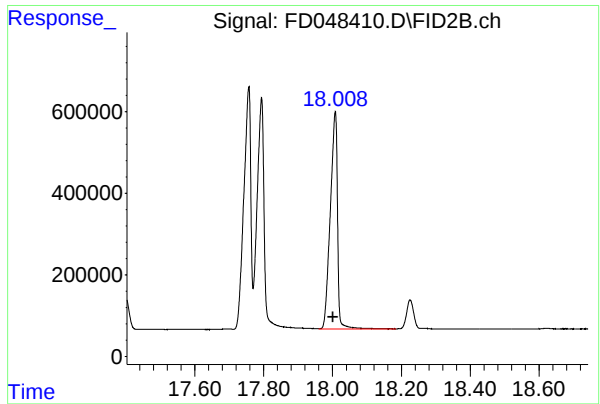
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min
Delta R.T.: -0.004 min
Response: 8389438
Conc: 63.78 ug/ml



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

R.T.: 17.793 min
Delta R.T.: -0.013 min
Response: 7968810
Conc: 47.62 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.005 min
Response: 7755239
Conc: 47.75 ug/ml

Instrument :

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