

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048556.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 06:04
 Operator : YP/AJ
 Sample : P4460-03MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-303-BOTMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:41 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...	7.375	7899041	47.709 ug/ml
Spiked Amount 50.000		Recovery =	95.42%
6) S 2-Fluorobiphenyl (SURR)	8.225	5015716	48.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.73%
11) S ortho-Terphenyl (SURR)	11.260	6082274	33.056 ug/ml
Spiked Amount 50.000		Recovery =	66.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	6374636	36.373 ug/ml
2) T Naphthalene (C11.7)	5.715	7633567	40.884 ug/mlm
3) T 2-Methylnaphthalene (...)	6.762	7443549	39.386 ug/ml
5) T Acenaphthylene (C15.06)	8.028	7547141	39.340 ug/ml
7) T Acenaphthene (C15.5)	8.324	8110504	42.877 ug/ml
8) T Flouorene (C16.55)	9.102	8010751	44.338 ug/ml
9) T Phenanthrene (C19.36)	10.489	8213285	46.342 ug/ml
10) T Anthracene (C19.43)	10.565	8331375	46.821 ug/ml
12) T Fluoranthene (C21.85)	12.295	8519629	47.103 ug/mlm
13) T Pyrene (C20.8)	12.588	8815200	49.228 ug/ml
14) T Benzo[a]anthracene (C...	14.458	7881258	49.315 ug/ml
15) T Chrysene (C27.41)	14.501	7985711	42.813 ug/ml
16) T benzo[b]fluoranthene ...	16.005	7687518	46.160 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	7711796	45.431 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	7442521	45.536 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	8029953	61.046 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	7568699	45.231 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	7295893	44.919 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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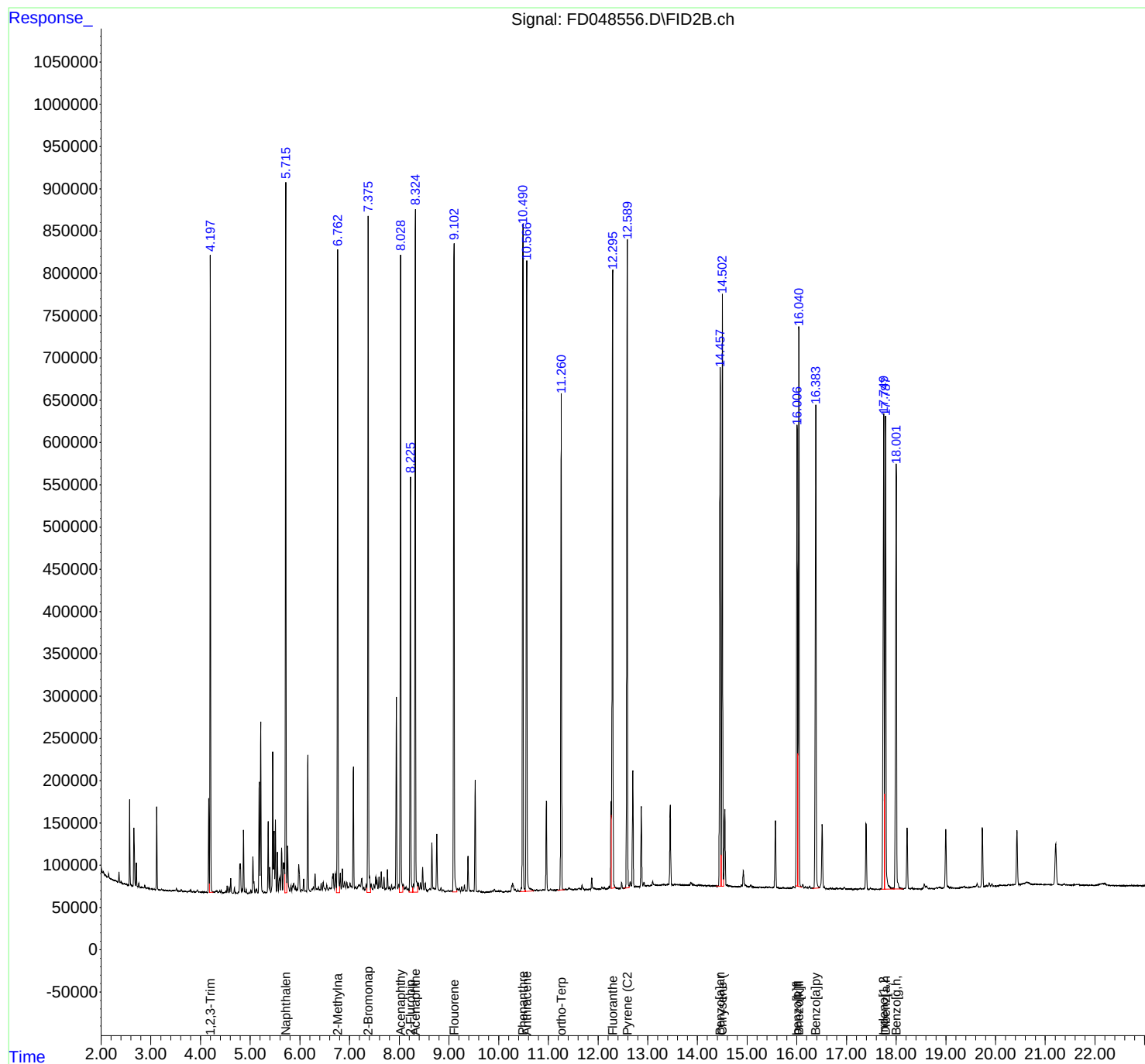
Response via : Initial Calibration

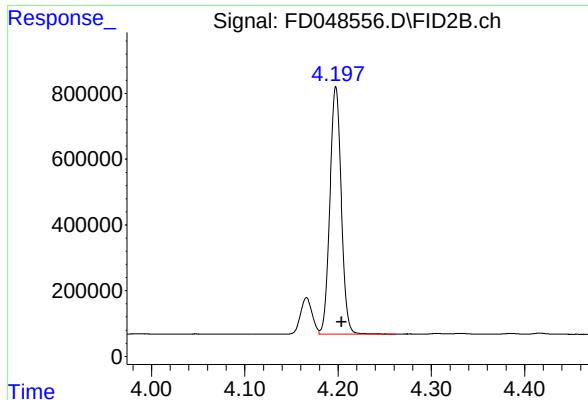
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





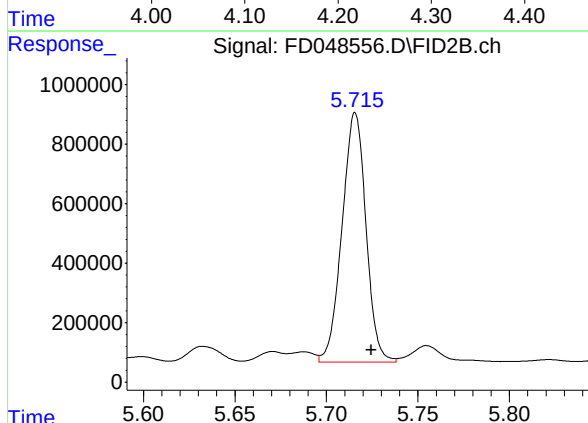
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.198 min
Delta R.T.: -0.006 min
Response: 6374636
Conc: 36.37 ug/ml

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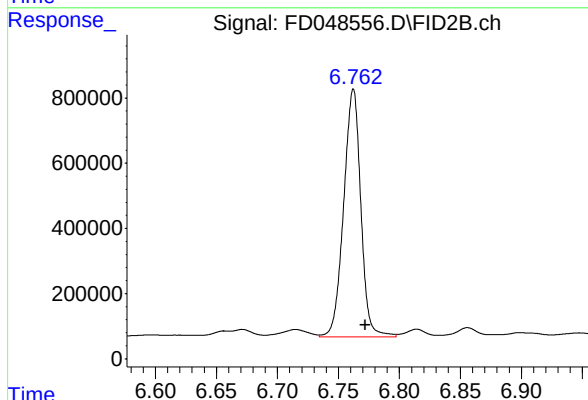
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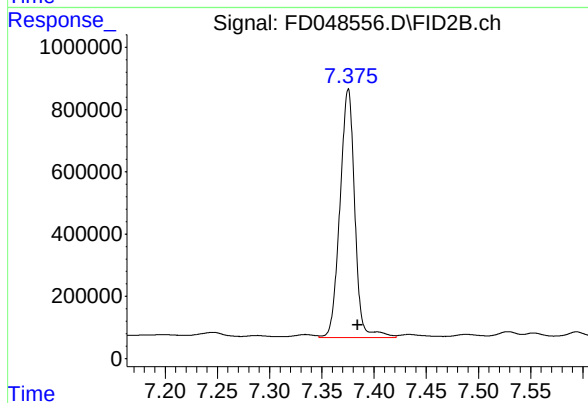
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: -0.009 min
Response: 7633567
Conc: 40.88 ug/ml



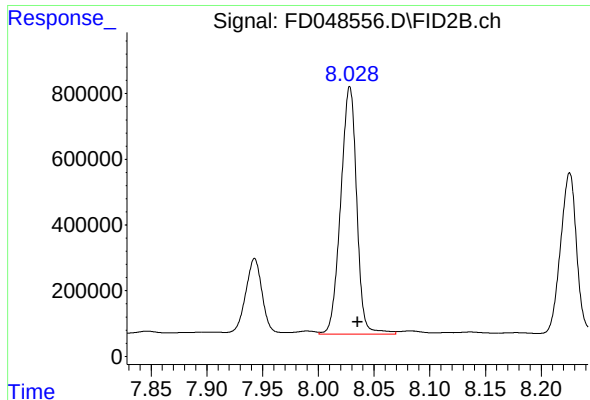
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 7443549
Conc: 39.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: -0.009 min
Response: 7899041
Conc: 47.71 ug/ml



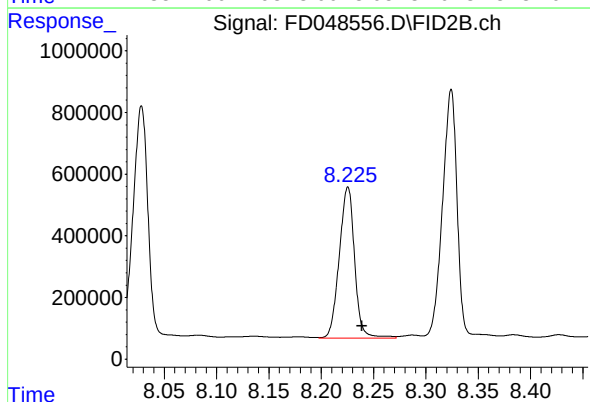
#5 Acenaphthylene (C15.06)

R.T.: 8.028 min
Delta R.T.: -0.007 min
Response: 7547141
Conc: 39.34 ug/ml

Instrument :
FID_D
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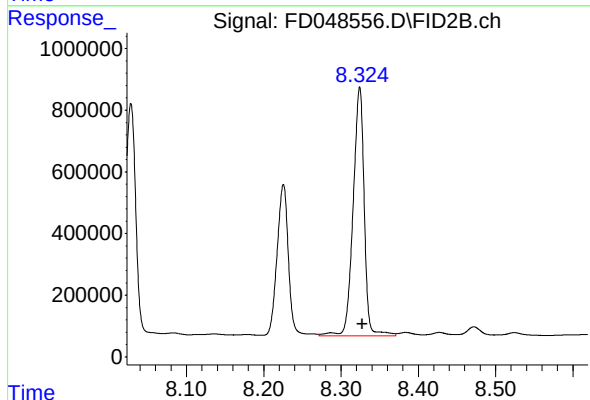
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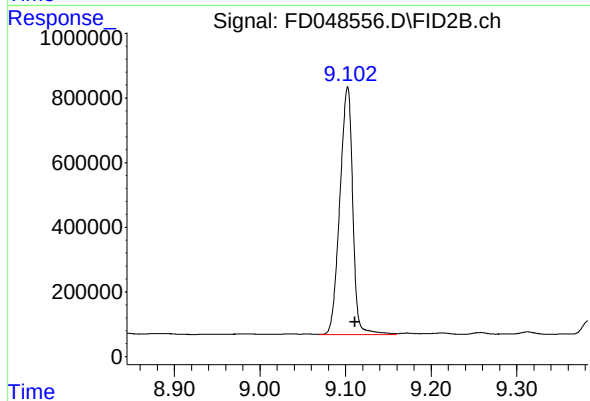
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.014 min
Response: 5015716
Conc: 48.37 ug/ml



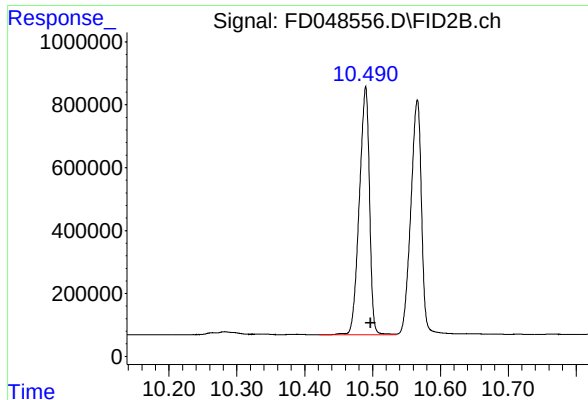
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.004 min
Response: 8110504
Conc: 42.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.102 min
Delta R.T.: -0.009 min
Response: 8010751
Conc: 44.34 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.489 min
Delta R.T.: -0.008 min
Response: 8213285
Conc: 46.34 ug/ml

Instrument :

FID_D

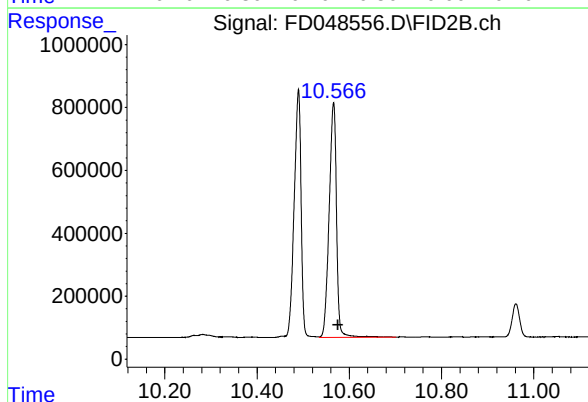
ClientSampleId :

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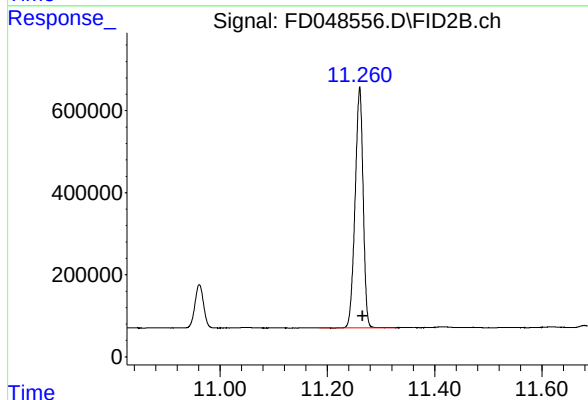
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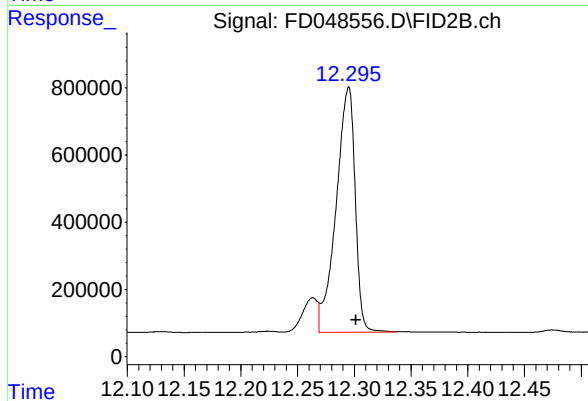
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: -0.010 min
Response: 8331375
Conc: 46.82 ug/ml



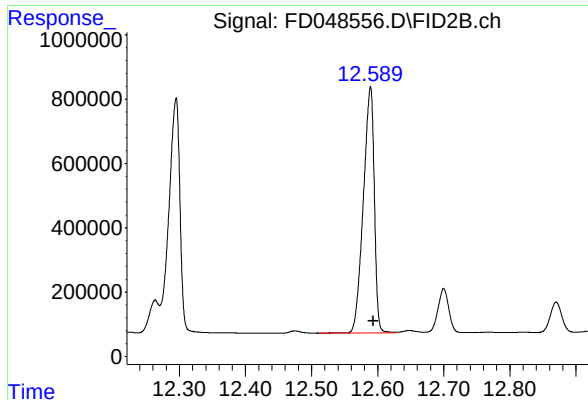
#11 ortho-Terphenyl (SURR)

R.T.: 11.260 min
Delta R.T.: -0.005 min
Response: 6082274
Conc: 33.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.295 min
Delta R.T.: -0.006 min
Response: 8519629
Conc: 47.10 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.588 min
Delta R.T.: -0.005 min
Response: 8815200
Conc: 49.23 ug/ml

Instrument :

FID_D

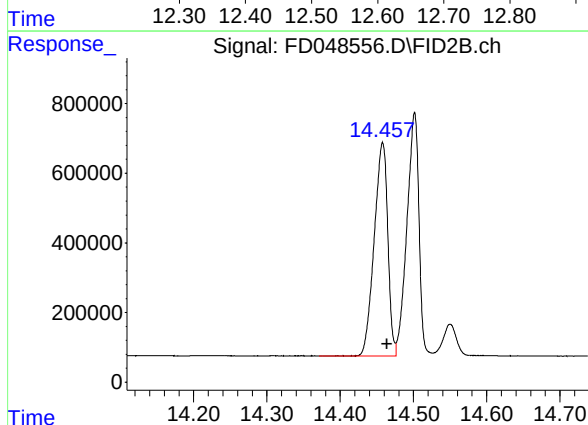
ClientSampleId :

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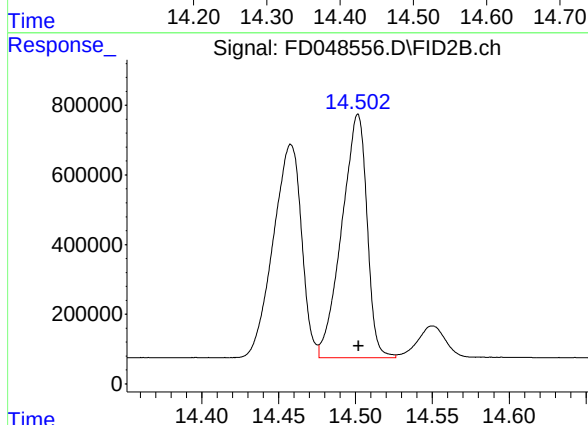
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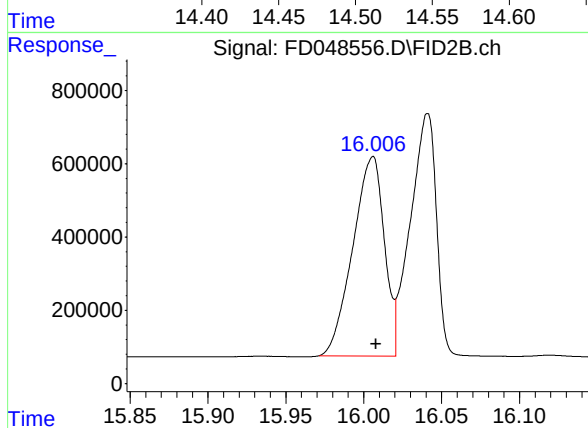
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: -0.006 min
Response: 7881258
Conc: 49.31 ug/ml



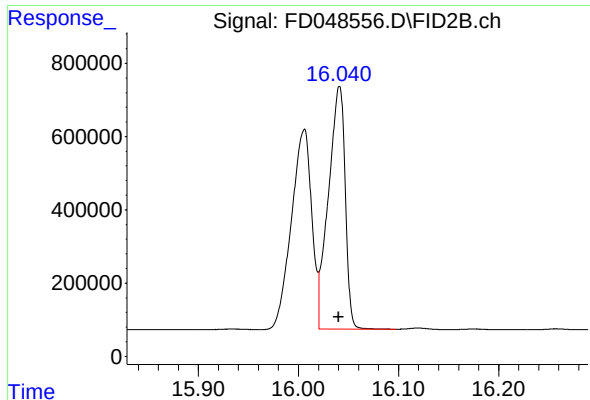
#15 Chrysene (C27.41)

R.T.: 14.501 min
Delta R.T.: -0.001 min
Response: 7985711
Conc: 42.81 ug/ml



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

R.T.: 16.005 min
Delta R.T.: -0.003 min
Response: 7687518
Conc: 46.16 ug/ml



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

R.T.: 16.040 min
Delta R.T.: 0.000 min
Response: 7711796
Conc: 45.43 ug/ml

Instrument :

FID_D

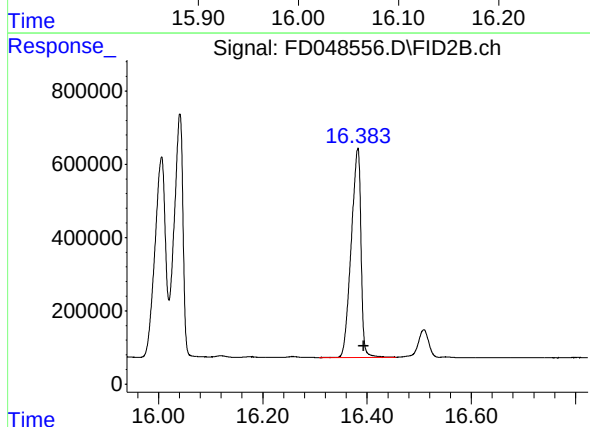
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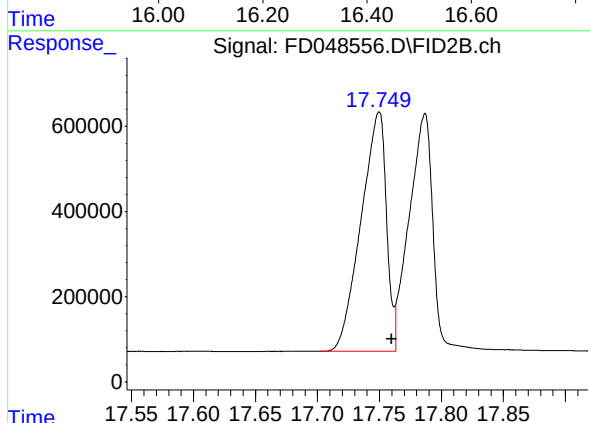
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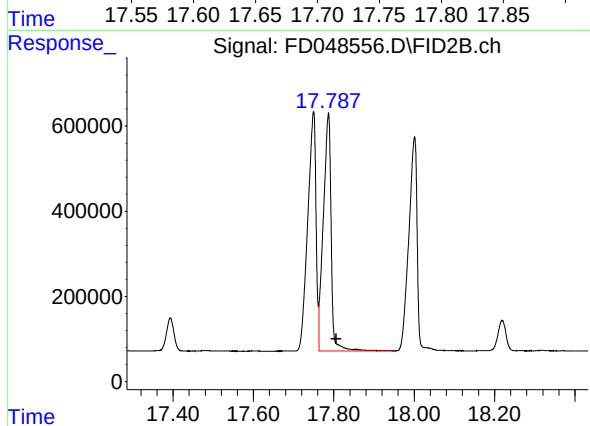
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.012 min
Response: 7442521
Conc: 45.54 ug/ml



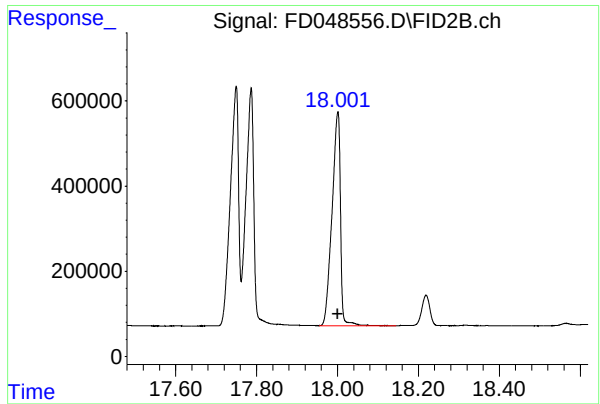
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.011 min
Response: 8029953
Conc: 61.05 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.020 min
Response: 7568699
Conc: 45.23 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.000 min
Response: 7295893
Conc: 44.92 ug/ml

Instrument :

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