

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103024AR\
 Data File : FD048631.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 22:20
 Operator : YP/AJ
 Sample : P4578-05MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-305-BOTMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e

Quant Time: Nov 01 01:03:46 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 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...	7.373	7428124	48.940 ug/ml
Spiked Amount 50.000		Recovery =	97.88%
6) S 2-Fluorobiphenyl (SURR)	8.222	4605008	46.898 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.80%
11) S ortho-Terphenyl (SURR)	11.258	5828387	34.216 ug/ml
Spiked Amount 50.000		Recovery =	68.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	4951664	28.463 ug/mlm
2) T Naphthalene (C11.7)	5.713	5802621	32.520 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	5809667	32.481 ug/ml
5) T Acenaphthylene (C15.06)	8.025	6631639	37.767 ug/ml
7) T Acenaphthene (C15.5)	8.320	7008837	39.517 ug/ml
8) T Fluorene (C16.55)	9.098	6889852	40.759 ug/ml
9) T Phenanthrene (C19.36)	10.485	6768309	40.944 ug/ml
10) T Anthracene (C19.43)	10.561	6759963	42.274 ug/ml
12) T Fluoranthene (C21.85)	12.289	6805632	41.352 ug/mlm
13) T Pyrene (C20.8)	12.582	6620367	41.101 ug/ml
14) T Benzo[a]anthracene (C...	14.452	6296550	43.064 ug/ml
15) T Chrysene (C27.41)	14.494	6356666	38.644 ug/ml
16) T benzo[b]fluoranthene ...	16.000	6323648	41.595 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	6345911	42.221 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	6123850	40.691 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	6434736	49.317 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	6327753	38.884 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	6206877	40.543 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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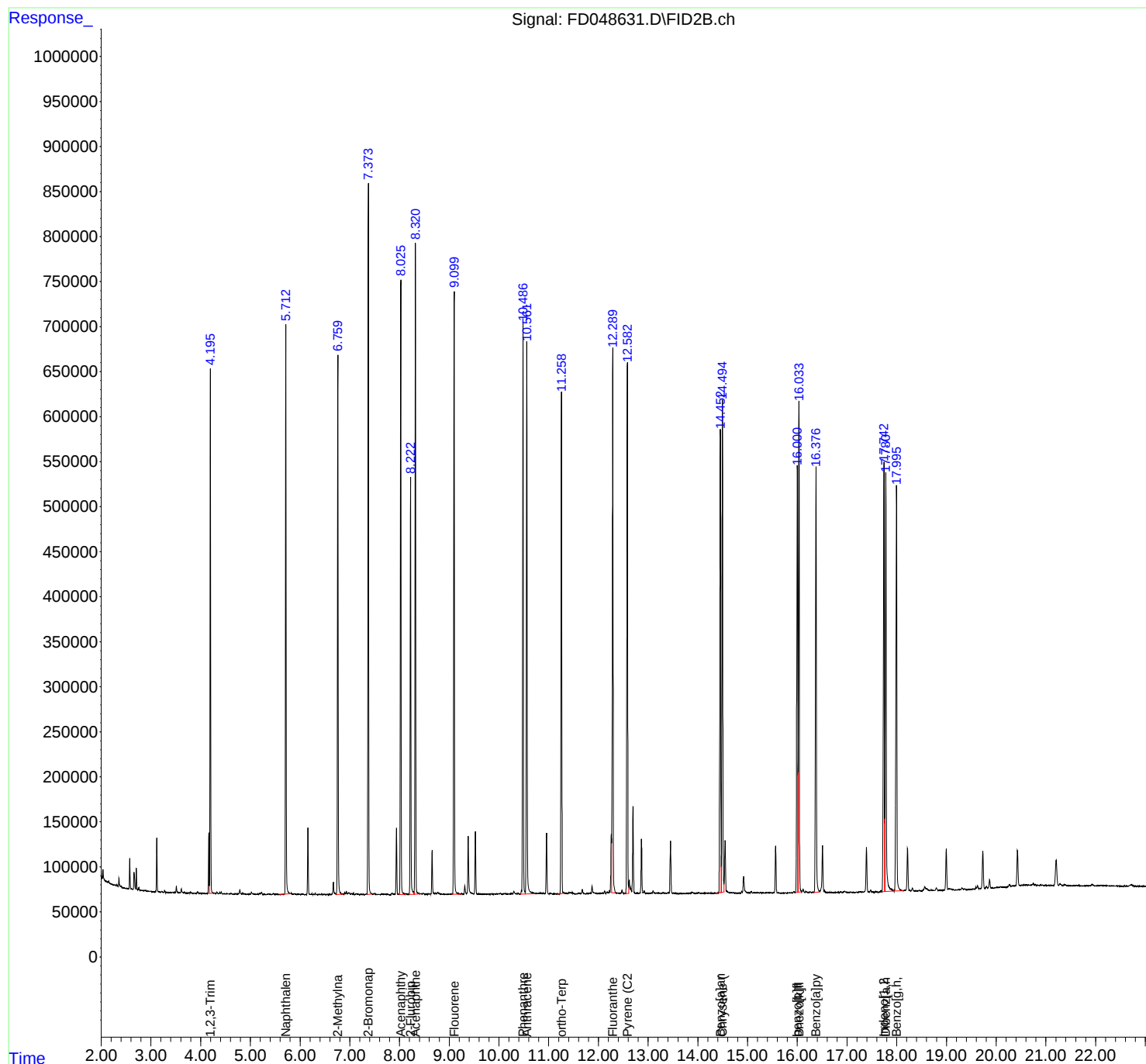
Response via : Initial Calibration

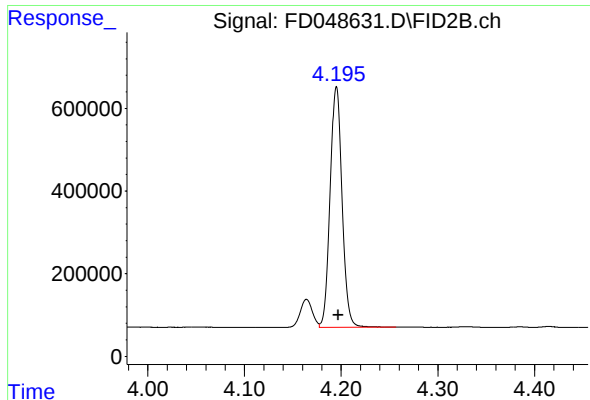
Integrator: ChemStation

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.: 4.195 min
Delta R.T.: -0.002 min
Response: 4951664
Conc: 28.46 ug/ml

Instrument :

FID_D

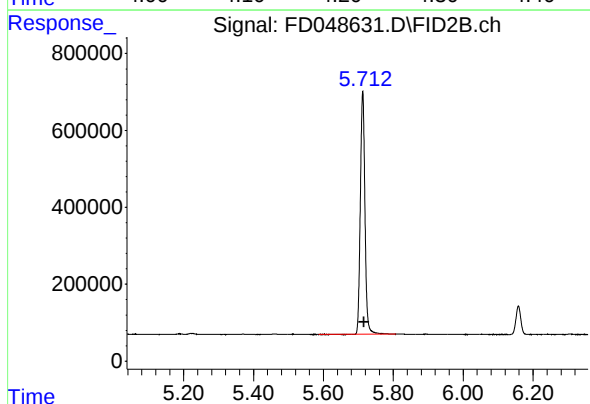
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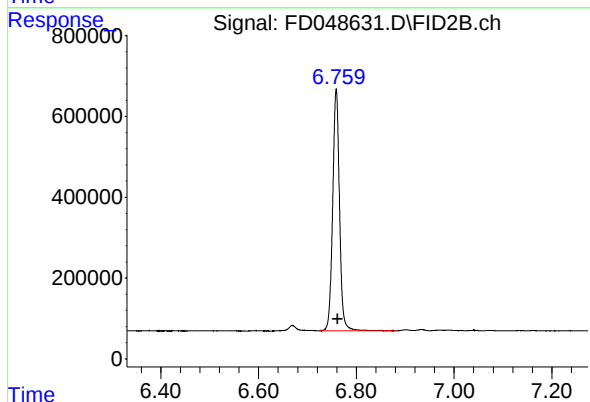
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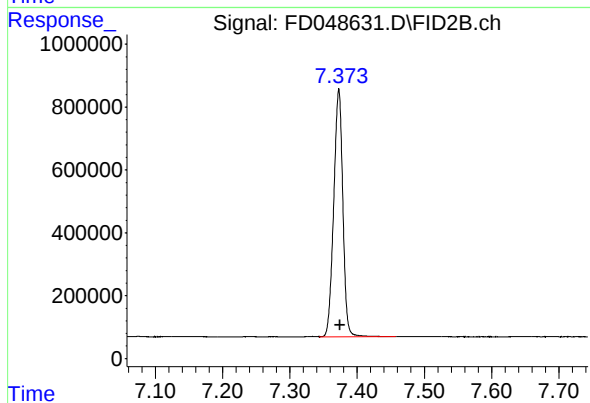
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 5802621
Conc: 32.52 ug/ml



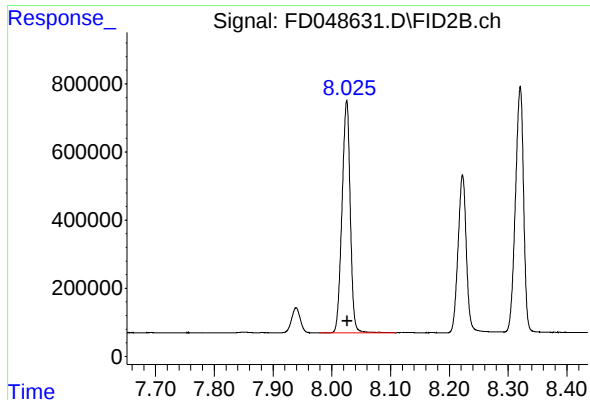
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 5809667
Conc: 32.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 7428124
Conc: 48.94 ug/ml



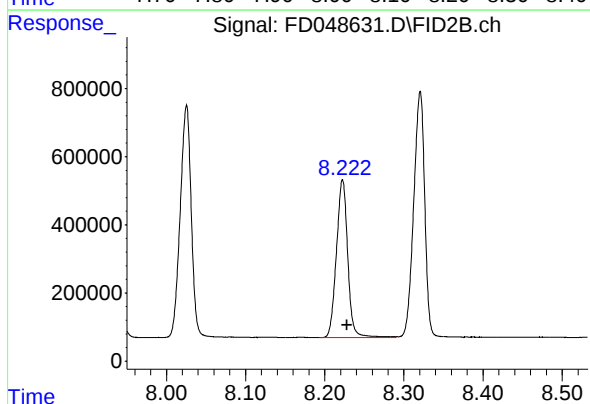
#5 Acenaphthylene (C15.06)

R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 6631639
Conc: 37.77 ug/ml

Instrument :
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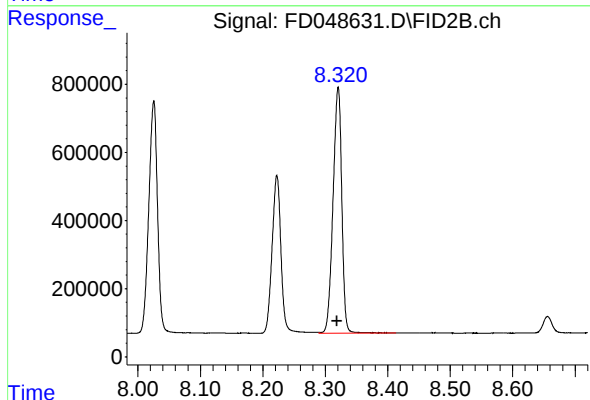
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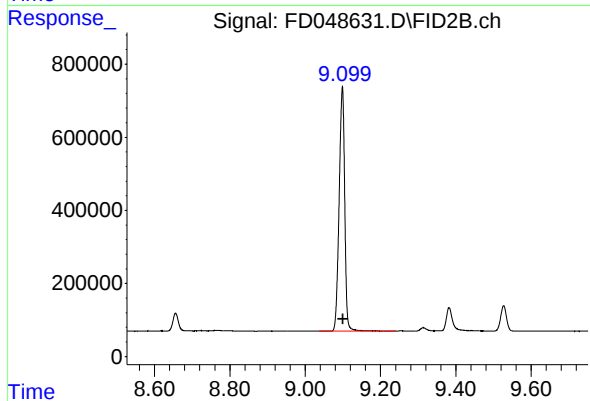
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 4605008
Conc: 46.90 ug/ml



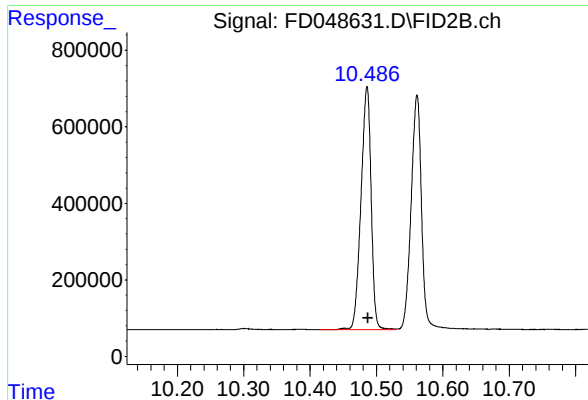
#7 Acenaphthene (C15.5)

R.T.: 8.320 min
Delta R.T.: 0.002 min
Response: 7008837
Conc: 39.52 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.098 min
Delta R.T.: -0.002 min
Response: 6889852
Conc: 40.76 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.002 min
Response: 6768309
Conc: 40.94 ug/ml

Instrument :

FID_D

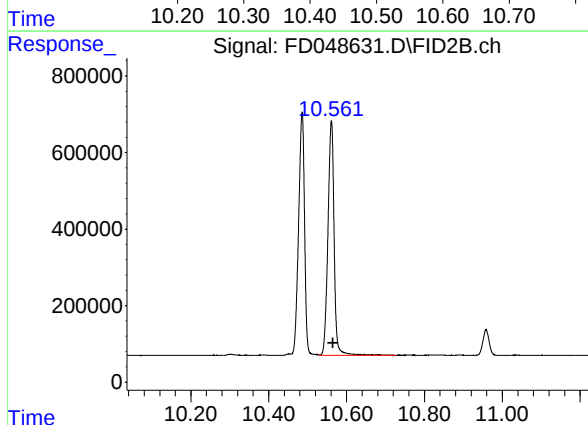
ClientSampleId :

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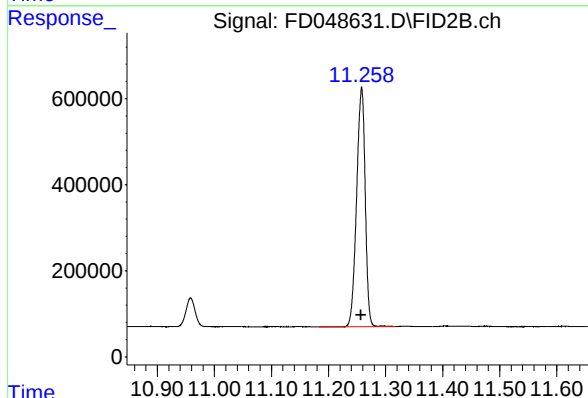
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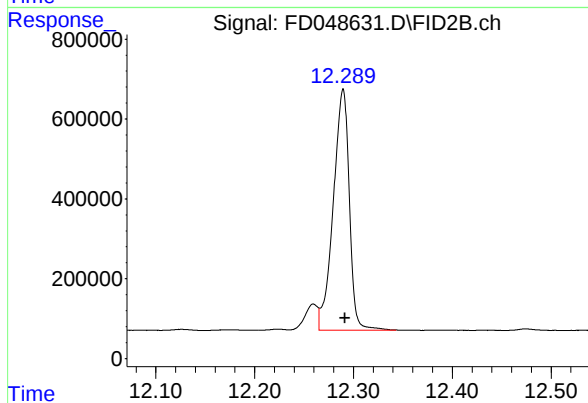
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: -0.004 min
Response: 6759963
Conc: 42.27 ug/ml



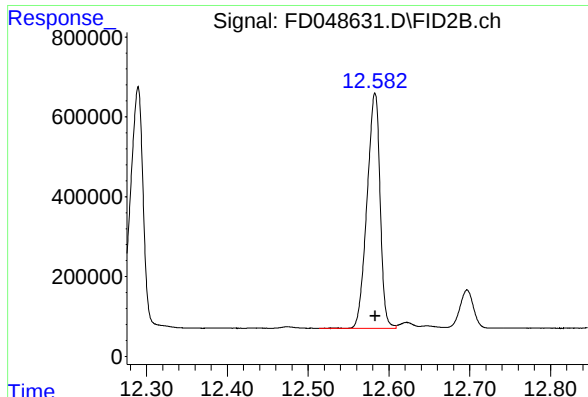
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 5828387
Conc: 34.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.289 min
Delta R.T.: -0.002 min
Response: 6805632
Conc: 41.35 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.582 min
Delta R.T.: 0.000 min
Response: 6620367
Conc: 41.10 ug/ml

Instrument :

FID_D

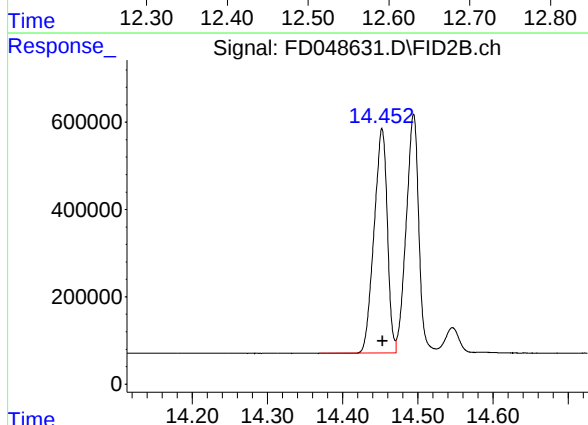
ClientSampleId :

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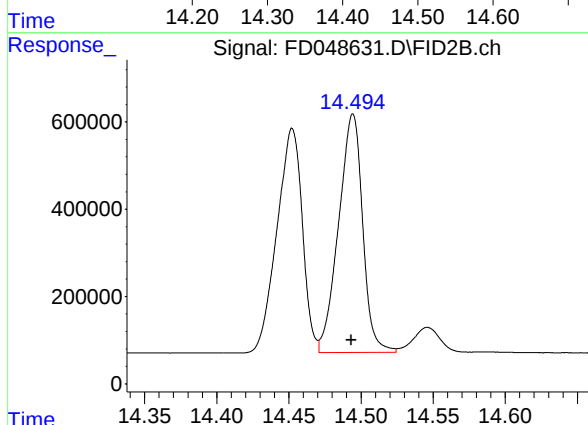
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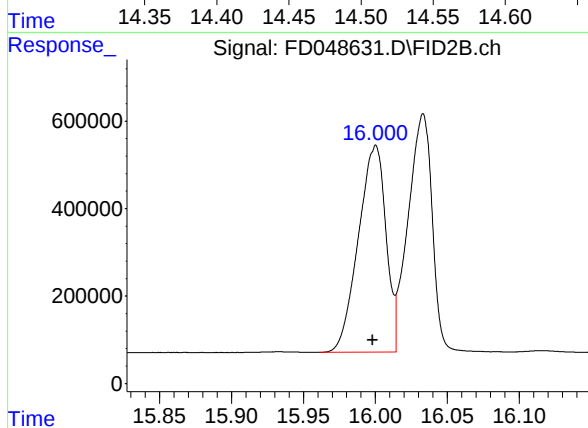
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: -0.001 min
Response: 6296550
Conc: 43.06 ug/ml



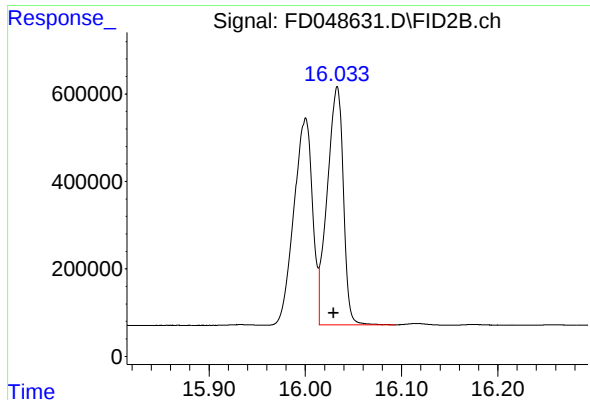
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 6356666
Conc: 38.64 ug/ml



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

R.T.: 16.000 min
Delta R.T.: 0.002 min
Response: 6323648
Conc: 41.59 ug/ml



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

R.T.: 16.033 min
Delta R.T.: 0.003 min
Response: 6345911
Conc: 42.22 ug/ml

Instrument :

FID_D

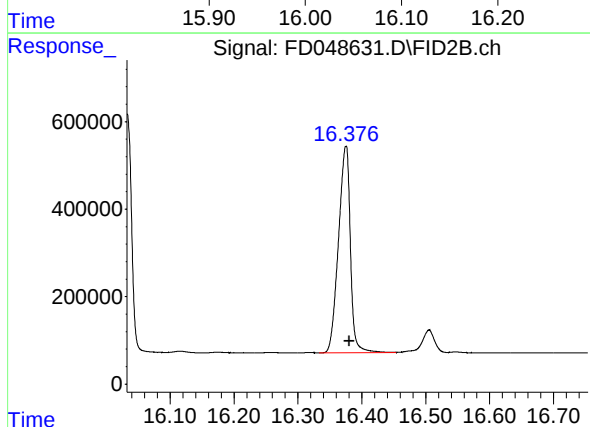
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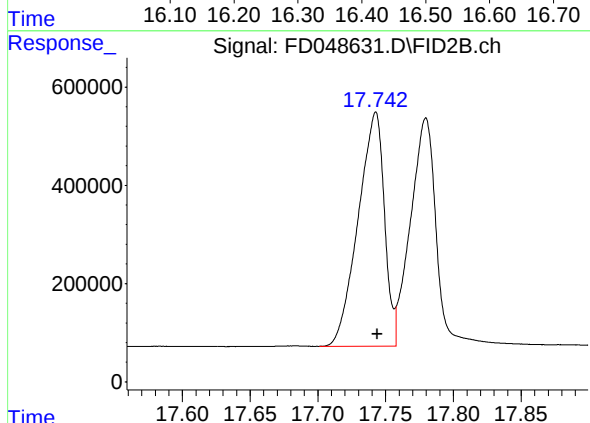
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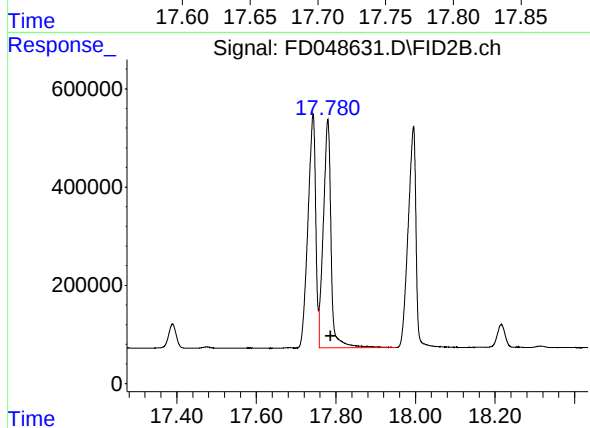
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: -0.006 min
Response: 6123850
Conc: 40.69 ug/ml



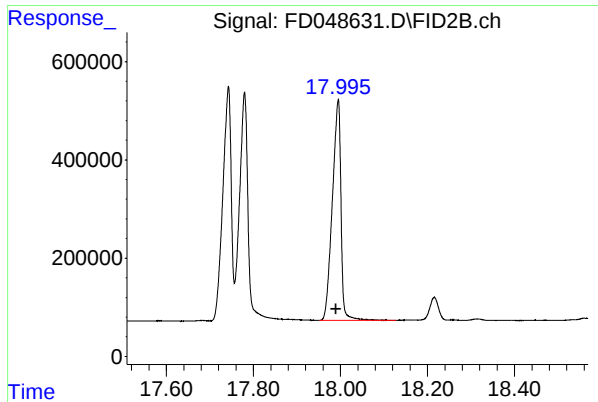
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: -0.002 min
Response: 6434736
Conc: 49.32 ug/ml



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

R.T.: 17.779 min
Delta R.T.: -0.007 min
Response: 6327753
Conc: 38.88 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.004 min
Response: 6206877
Conc: 40.54 ug/ml

Instrument :

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