

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030124AR\
 Data File : FD047370.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2024 11:02
 Operator : YP/AJ
 Sample : P1524-10
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/04/2024

Supervised By :mohammad ahmed 03/04/2024

Integration File: autoint1.e

Quant Time: Mar 01 23:44:56 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M

Quant Title : GC Extractables

QLast Update : Thu Feb 08 13:43:49 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...	7.462	5402246	35.485 ug/ml
Spiked Amount 50.000		Recovery =	70.97%
6) S 2-Fluorobiphenyl (SURR)	8.314	3245110	32.105 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.21%
11) S ortho-Terphenyl (SURR)	11.350	5575090	31.610 ug/ml
Spiked Amount 50.000		Recovery =	63.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	6074210	38.530 ug/ml
2) T Naphthalene (C11.7)	5.803	7146720	43.002 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	7257688	43.036 ug/mlm
5) T Acenaphthylene (C15.06)	8.119	7312569	47.511 ug/ml
7) T Acenaphthene (C15.5)	8.415	7267739	44.092 ug/ml
8) T Flouorene (C16.55)	9.192	7334303	46.259 ug/ml
9) T Phenanthrene (C19.36)	10.580	7067018	45.489 ug/ml
10) T Anthracene (C19.43)	10.656	6884171	46.683 ug/ml
12) T Fluoranthene (C21.85)	12.383	7090743	45.797 ug/ml
13) T Pyrene (C20.8)	12.678	7063775	46.958 ug/ml
14) T Benzo[a]anthracene (C...	14.542	6519133	48.497 ug/ml
15) T Chrysene (C27.41)	14.585	6474102	44.212 ug/ml
16) T benzo[b]fluoranthene ...	16.084	6401955	46.497 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	6394328	46.083 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	6128303	45.269 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.822	6447808	51.073 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	6064041	45.512 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	5918532	44.636 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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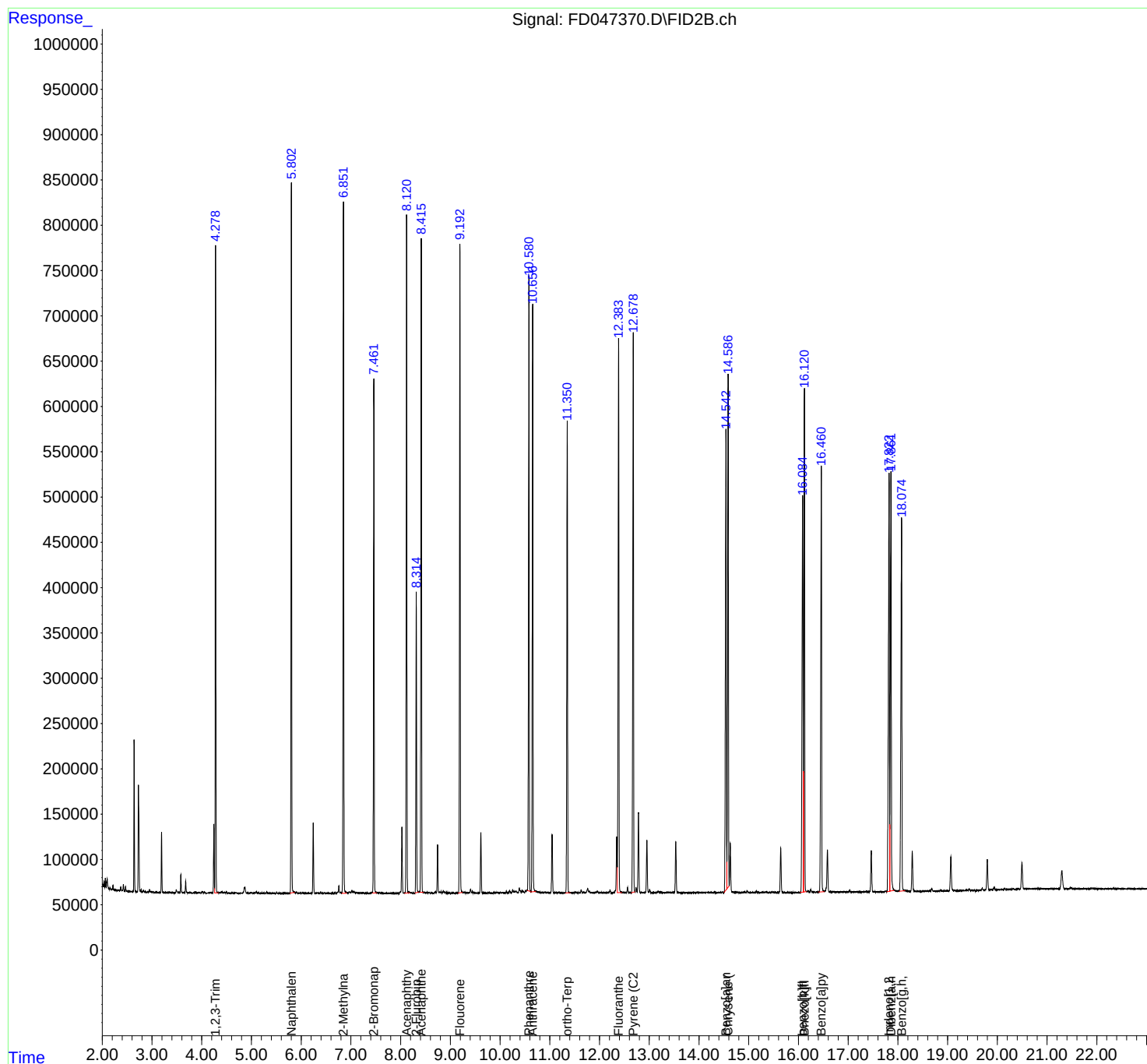
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20240768-AMENDED-COMP-39N-N-3-03MSD

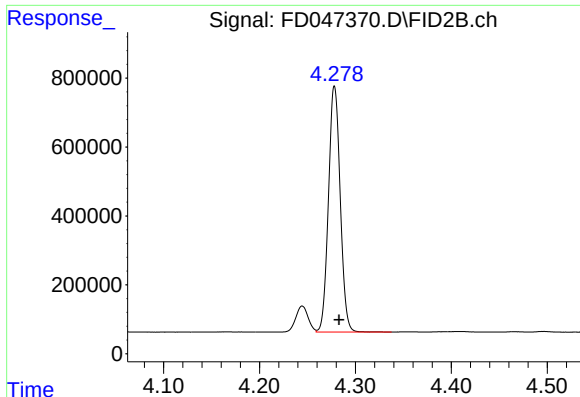
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 6074210
Conc: 38.53 ug/ml

Instrument :

FID_D

ClientSampleId :

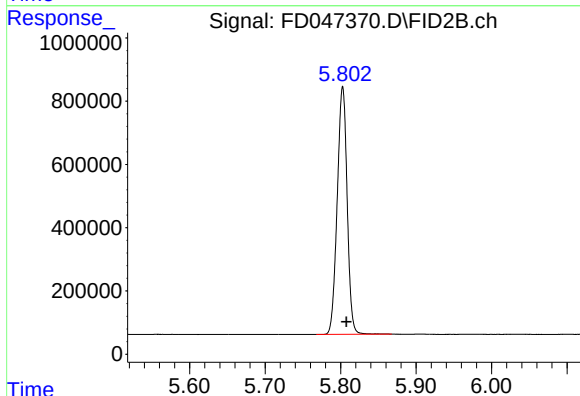
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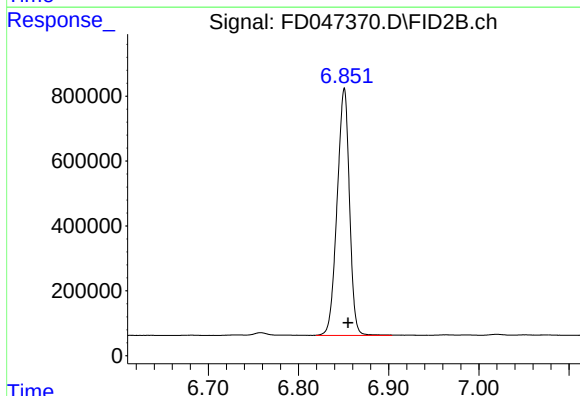
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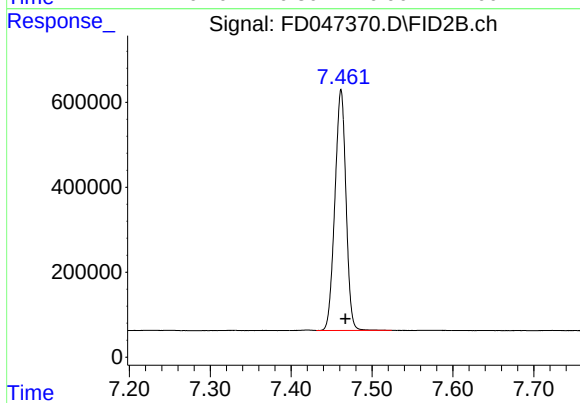
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.005 min
Response: 7146720
Conc: 43.00 ug/ml



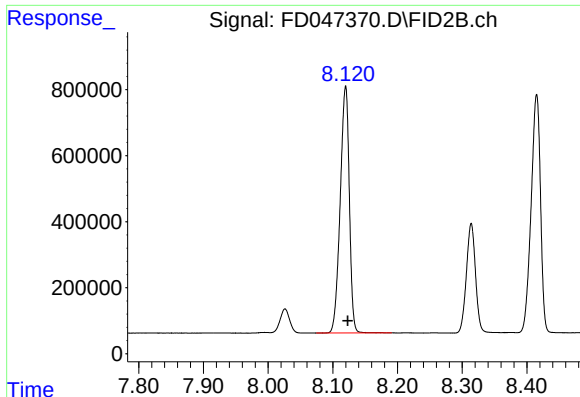
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 7257688
Conc: 43.04 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.462 min
Delta R.T.: -0.006 min
Response: 5402246
Conc: 35.48 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: -0.003 min
Response: 7312569
Conc: 47.51 ug/ml

Instrument :

FID_D

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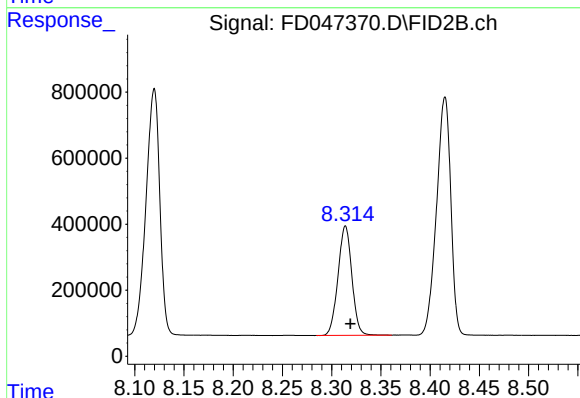
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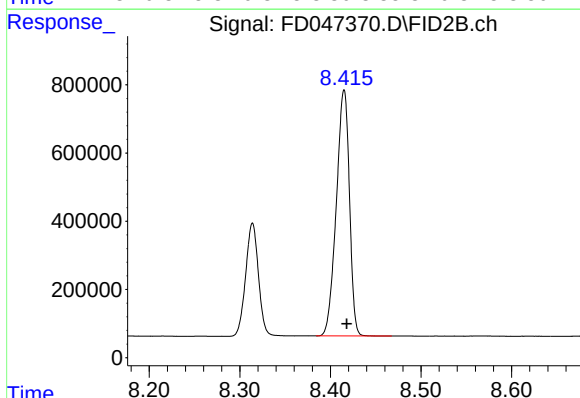
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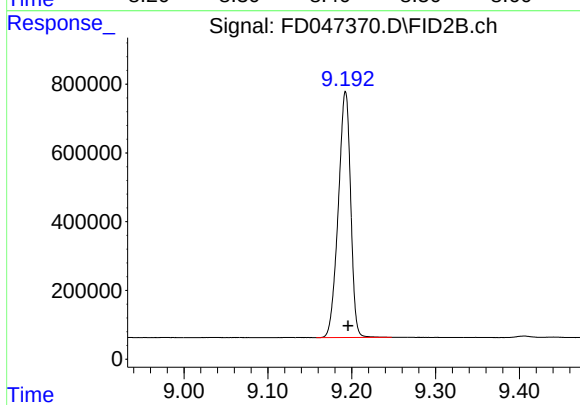
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: -0.005 min
Response: 3245110
Conc: 32.10 ug/ml



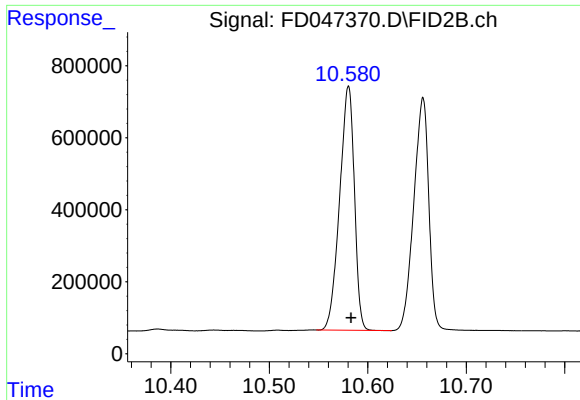
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 7267739
Conc: 44.09 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.192 min
Delta R.T.: -0.003 min
Response: 7334303
Conc: 46.26 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 7067018
Conc: 45.49 ug/ml

Instrument :

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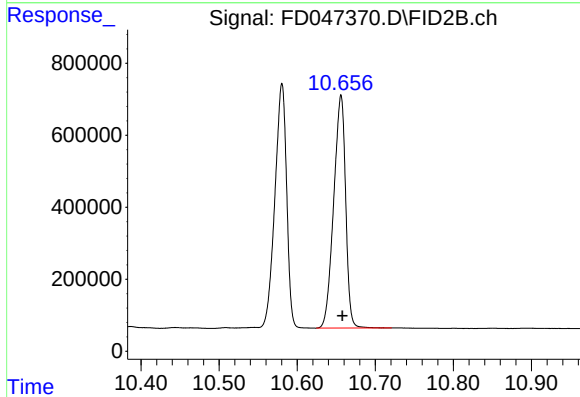
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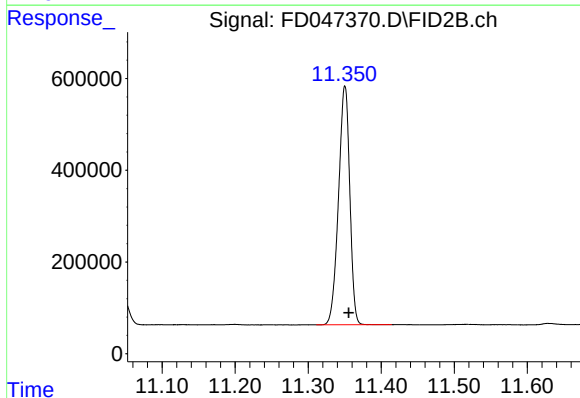
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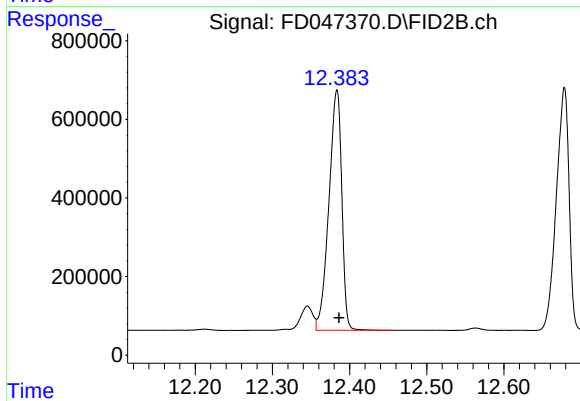
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: -0.002 min
Response: 6884171
Conc: 46.68 ug/ml



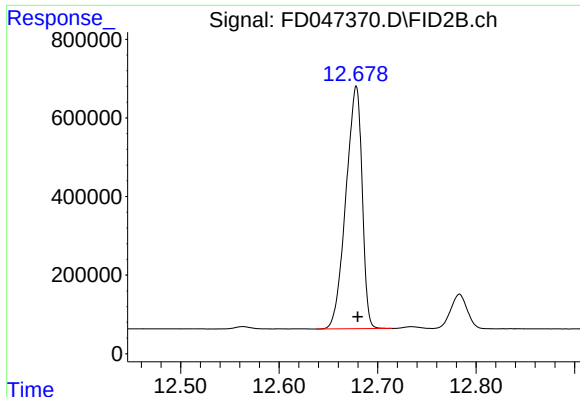
#11 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: -0.005 min
Response: 5575090
Conc: 31.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.383 min
Delta R.T.: -0.003 min
Response: 7090743
Conc: 45.80 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 7063775
Conc: 46.96 ug/ml

Instrument :

FID_D

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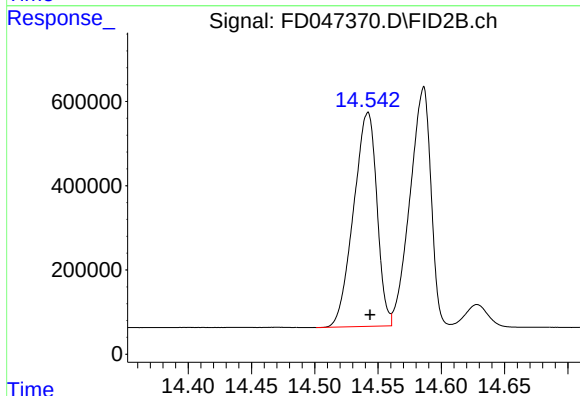
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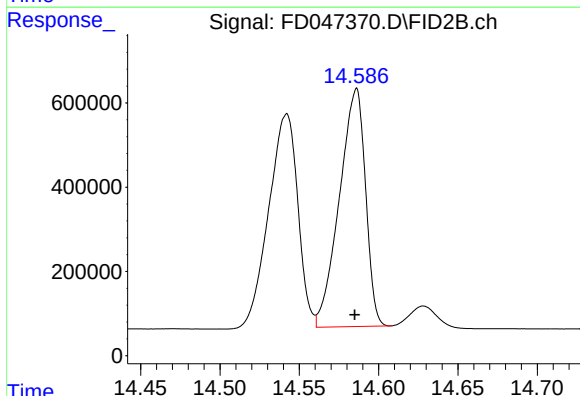
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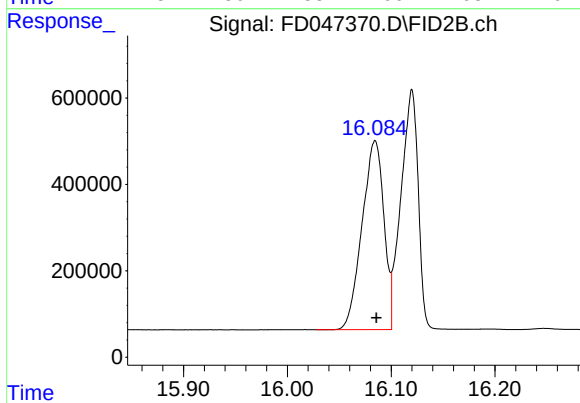
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.542 min
Delta R.T.: -0.002 min
Response: 6519133
Conc: 48.50 ug/ml



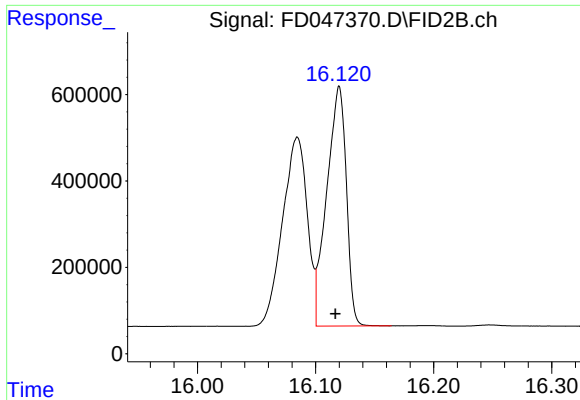
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 6474102
Conc: 44.21 ug/ml



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

R.T.: 16.084 min
Delta R.T.: -0.001 min
Response: 6401955
Conc: 46.50 ug/ml



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

R.T.: 16.120 min
Delta R.T.: 0.003 min
Response: 6394328
Conc: 46.08 ug/ml

Instrument :

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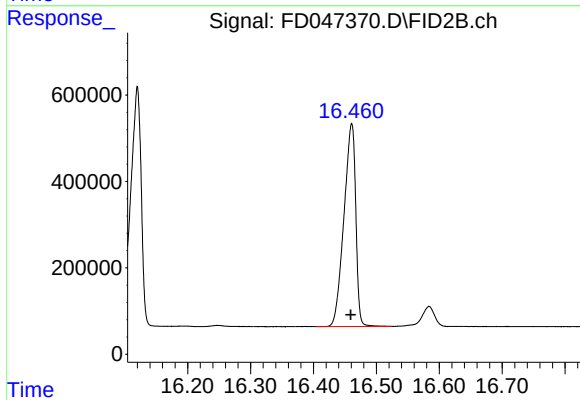
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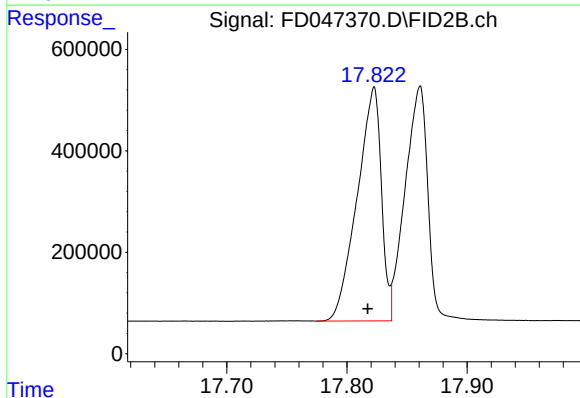
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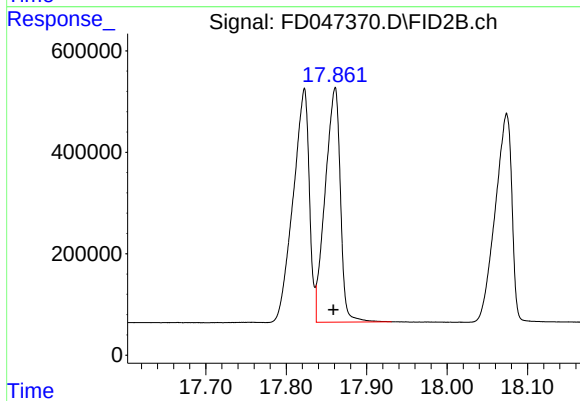
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.000 min
Response: 6128303
Conc: 45.27 ug/ml



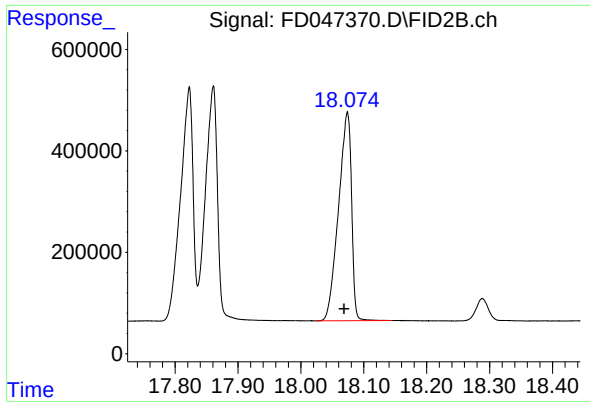
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.004 min
Response: 6447808
Conc: 51.07 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.001 min
Response: 6064041
Conc: 45.51 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.005 min
Response: 5918532
Conc: 44.64 ug/ml

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