

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047537.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2024 21:24
 Operator : YP/AJ
 Sample : PB160354BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160354BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/19/2024

Supervised By :Ankita Jodhani 04/19/2024

Integration File: autoint1.e

Quant Time: Apr 19 04:34:50 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M

Quant Title : GC Extractables

QLast Update : Mon Apr 01 16:48:10 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...	7.463	8006719	53.556 ug/ml
Spiked Amount 50.000		Recovery =	107.11%
6) S 2-Fluorobiphenyl (SURR)	8.315	4321701	44.231 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.46%
11) S ortho-Terphenyl (SURR)	11.354	7277591	42.453 ug/ml
Spiked Amount 50.000		Recovery =	84.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	4944659	31.292 ug/ml
2) T Naphthalene (C11.7)	5.800	5906360	36.093 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	6070951	36.909 ug/ml
5) T Acenaphthylene (C15.06)	8.118	6795443	45.021 ug/ml
7) T Acenaphthene (C15.5)	8.414	6439085	40.203 ug/ml
8) T Flouorene (C16.55)	9.193	7043320	45.529 ug/ml
9) T Phenanthrene (C19.36)	10.582	7193851	48.352 ug/ml
10) T Anthracene (C19.43)	10.658	7075184	52.021 ug/ml
12) T Fluoranthene (C21.85)	12.389	7265411	49.147 ug/ml
13) T Pyrene (C20.8)	12.683	7327108	50.770 ug/ml
14) T Benzo[a]anthracene (C...	14.551	6883408	52.340 ug/ml
15) T Chrysene (C27.41)	14.594	6896754	48.910 ug/ml
16) T benzo[b]fluoranthene ...	16.096	6917220	49.581 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	6810963	48.969 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.474	6721877	48.957 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	6886419	51.052 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	6457389	48.047 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	6362914	45.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB160354BS
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ALS Vial : 61 Sample Multiplier: 1

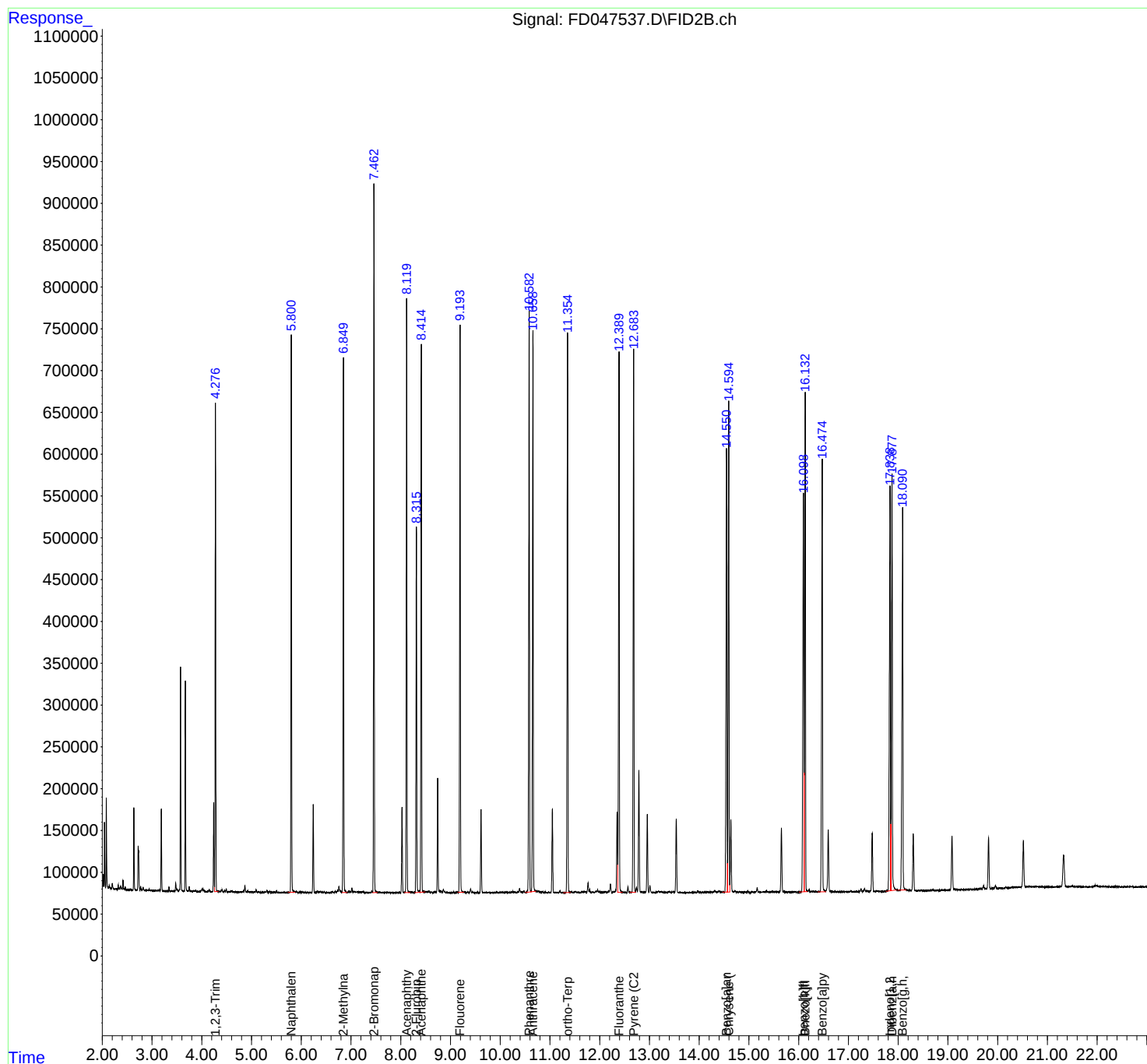
Instrument :
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PB160354BS

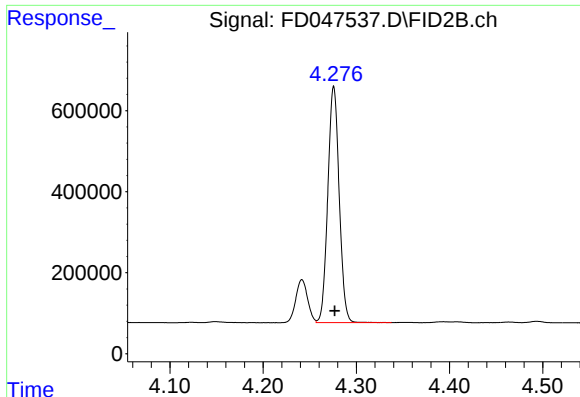
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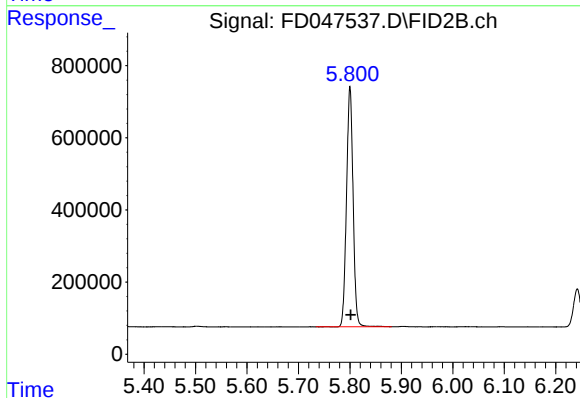
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min
Delta R.T.: -0.001 min
Response: 4944659
Conc: 31.29 ug/ml

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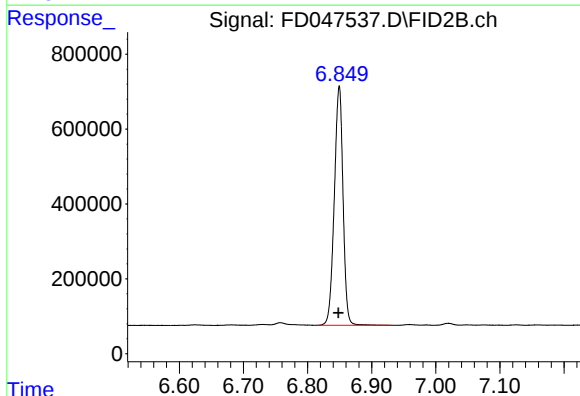
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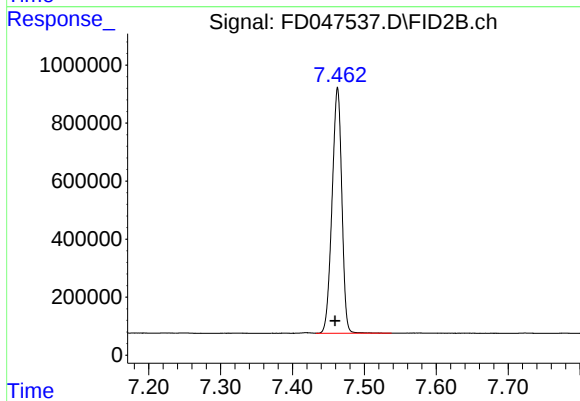
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 5906360
Conc: 36.09 ug/ml



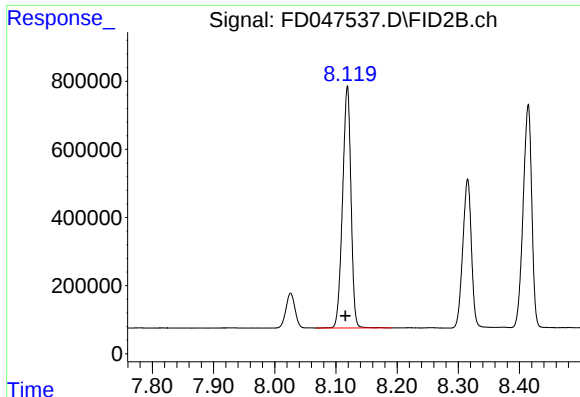
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.001 min
Response: 6070951
Conc: 36.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.003 min
Response: 8006719
Conc: 53.56 ug/ml



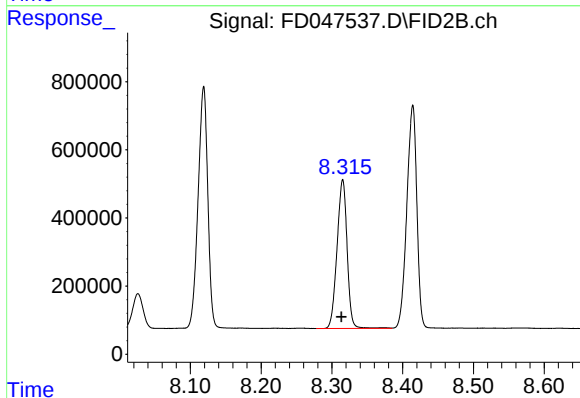
#5 Acenaphthylene (C15.06)

R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 6795443
Conc: 45.02 ug/ml

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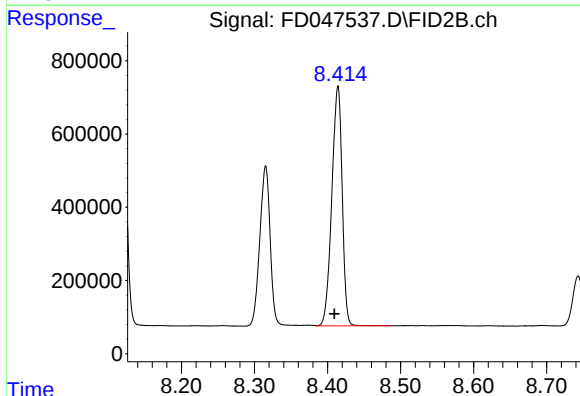
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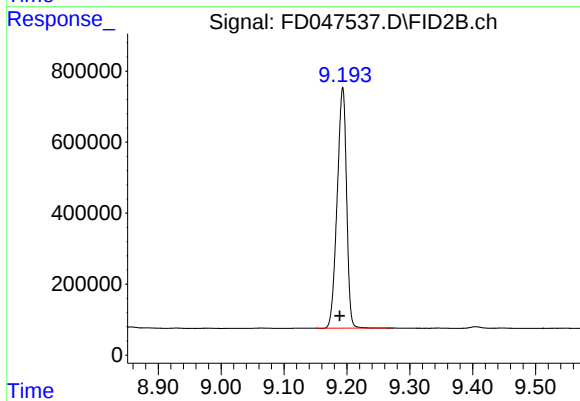
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.002 min
Response: 4321701
Conc: 44.23 ug/ml



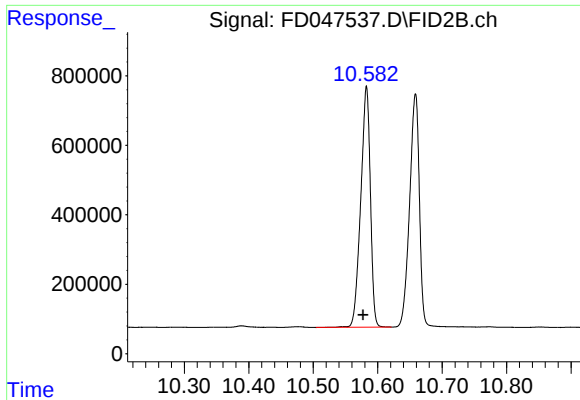
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.005 min
Response: 6439085
Conc: 40.20 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 7043320
Conc: 45.53 ug/ml



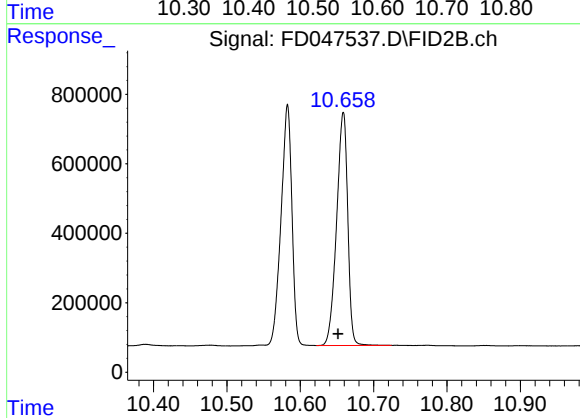
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: 0.005 min
Response: 7193851
Conc: 48.35 ug/ml

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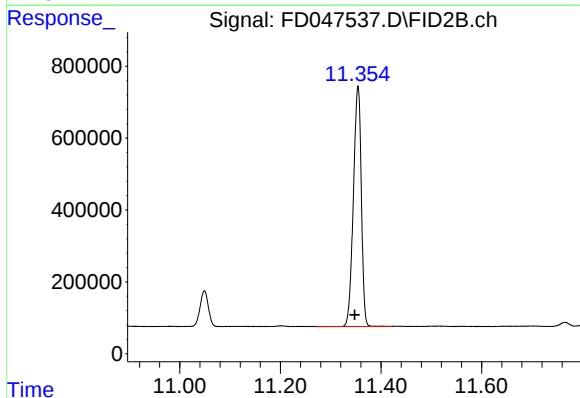
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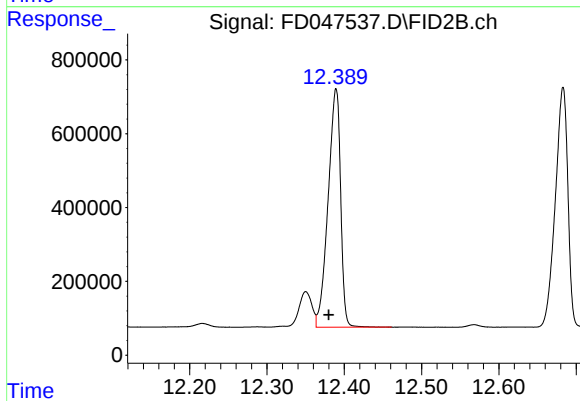
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.007 min
Response: 7075184
Conc: 52.02 ug/ml



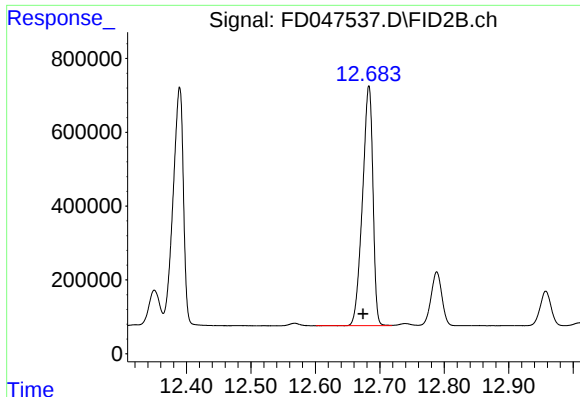
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.006 min
Response: 7277591
Conc: 42.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.009 min
Response: 7265411
Conc: 49.15 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.009 min
Response: 7327108
Conc: 50.77 ug/ml

Instrument :

FID_D

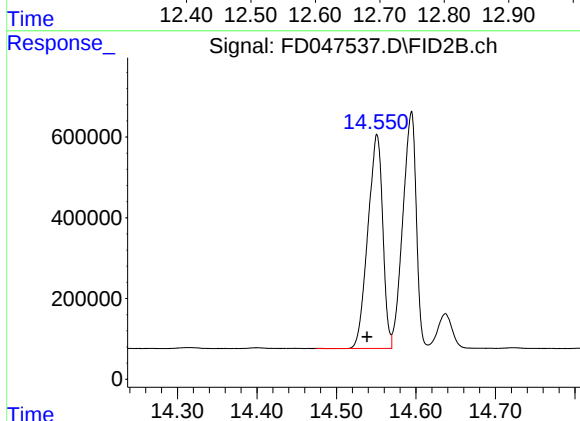
ClientSampleId :

PB160354BS

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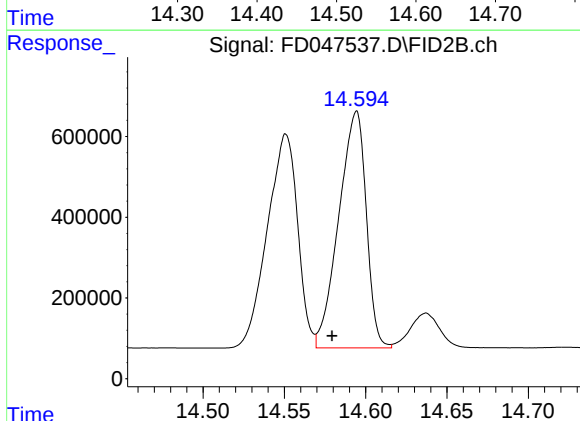
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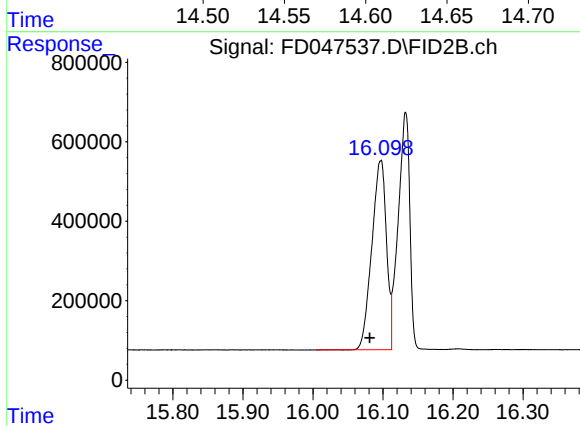
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.012 min
Response: 6883408
Conc: 52.34 ug/ml



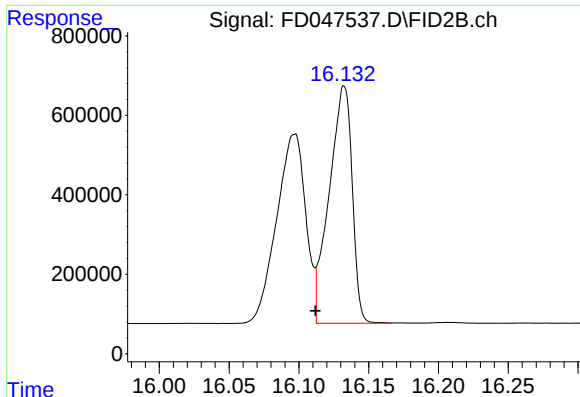
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.014 min
Response: 6896754
Conc: 48.91 ug/ml



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

R.T.: 16.096 min
Delta R.T.: 0.015 min
Response: 6917220
Conc: 49.58 ug/ml



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

R.T.: 16.132 min
Delta R.T.: 0.020 min
Response: 6810963
Conc: 48.97 ug/ml

Instrument :

FID_D

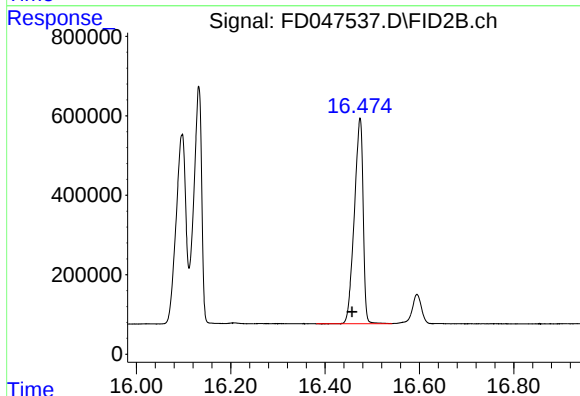
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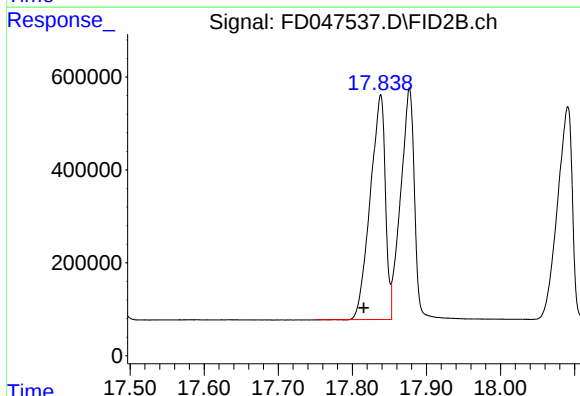
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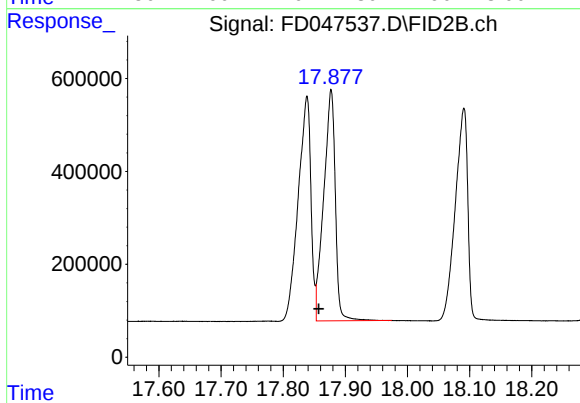
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.016 min
Response: 6721877
Conc: 48.96 ug/ml



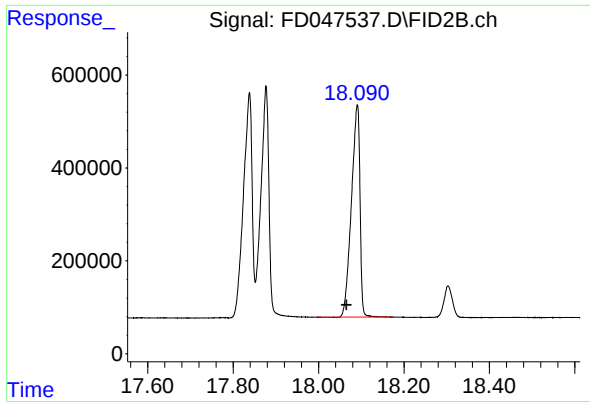
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.022 min
Response: 6886419
Conc: 51.05 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.019 min
Response: 6457389
Conc: 48.05 ug/ml



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

R.T.: 18.090 min
Delta R.T.: 0.024 min
Response: 6362914
Conc: 45.85 ug/ml

Instrument :

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