

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047560.D
 Signal(s) : FID2B.ch
 Acq On : 24 Apr 2024 17:50
 Operator : YP/AJ
 Sample : PB160478BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160478BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :Ankita Jodhani 04/25/2024

Integration File: autoint1.e
 Quant Time: Apr 25 02:06:23 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...	7.464	9482994	63.431 ug/ml
Spiked Amount 50.000		Recovery =	126.86%
6) S 2-Fluorobiphenyl (SURR)	8.318	6252503	63.992 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.98%
11) S ortho-Terphenyl (SURR)	11.357	8641768	50.411 ug/ml
Spiked Amount 50.000		Recovery =	100.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	8073218	51.091 ug/ml
2) T Naphthalene (C11.7)	5.800	9292348	56.785 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	9661942	58.741 ug/ml
5) T Acenaphthylene (C15.06)	8.122	10268610	68.031 ug/ml
7) T Acenaphthene (C15.5)	8.417	10199591	63.683 ug/ml
8) T Flouorene (C16.55)	9.197	10491178	67.816 ug/ml
9) T Phenanthrene (C19.36)	10.587	10406217	69.943 ug/ml
10) T Anthracene (C19.43)	10.663	10231585	75.228 ug/ml
12) T Fluoranthene (C21.85)	12.394	10227114	69.182 ug/ml
13) T Pyrene (C20.8)	12.689	10343536	71.670 ug/ml
14) T Benzo[a]anthracene (C...	14.557	9636895	73.277 ug/ml
15) T Chrysene (C27.41)	14.603	9491088	67.308 ug/mlm
16) T benzo[b]fluoranthene ...	16.105	9745068	69.851 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	9396906	67.561 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.483	9386047	68.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.848	9780262	72.505 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	8799603	65.474 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.102	8857937	63.822 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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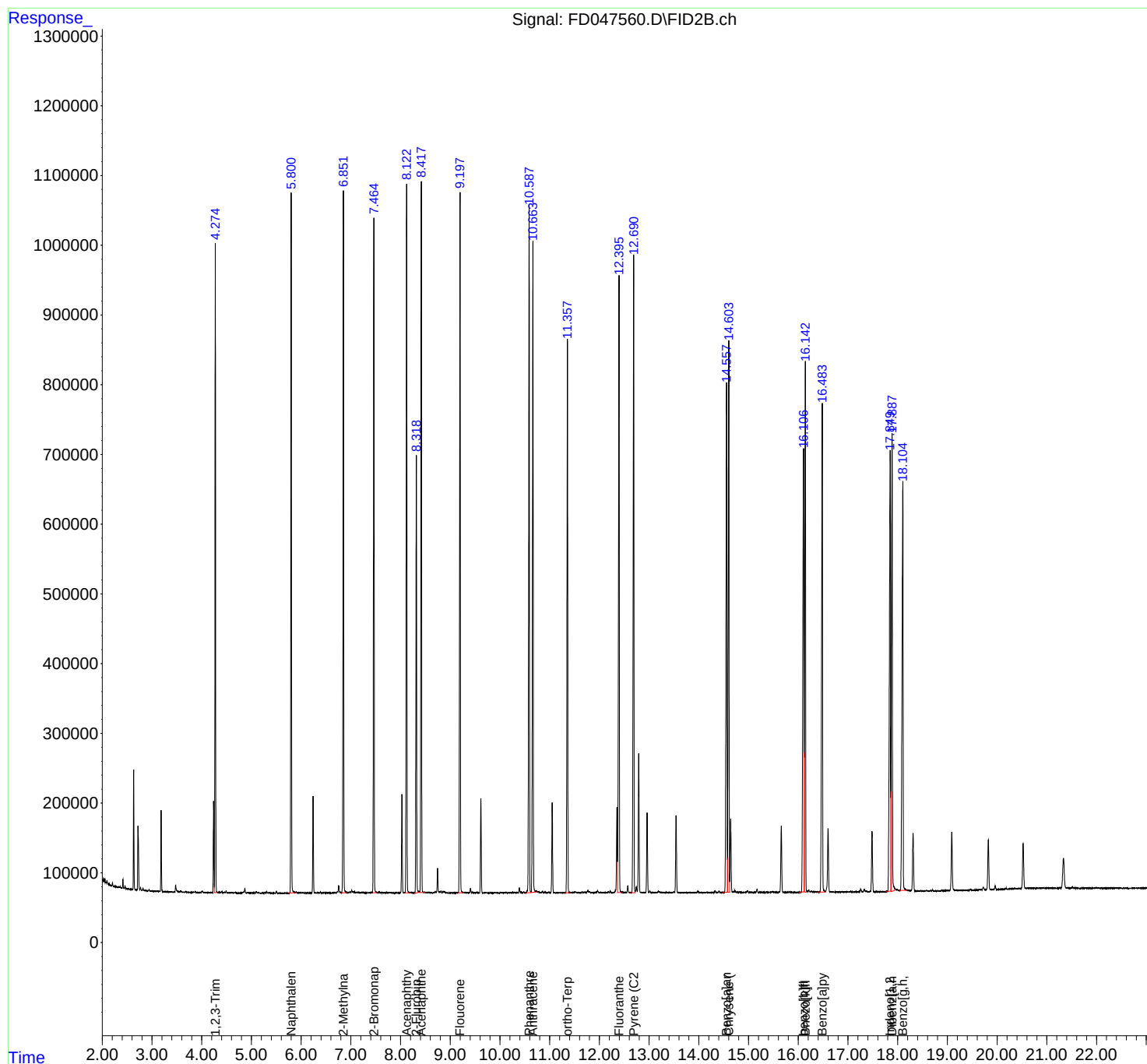
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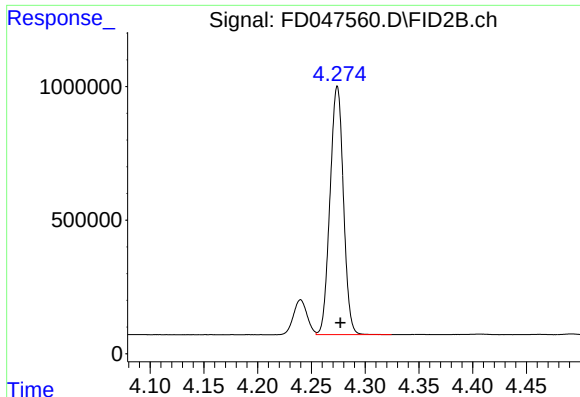
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 8073218
Conc: 51.09 ug/ml

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FID_D

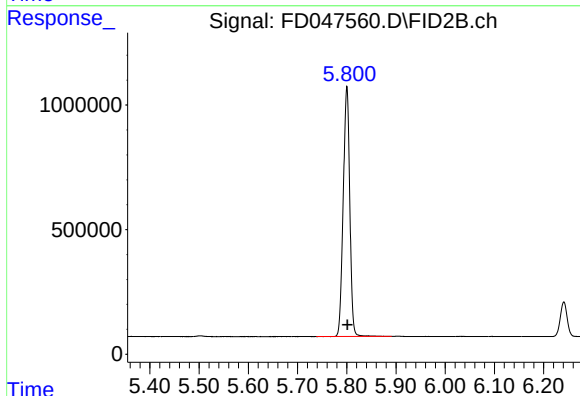
ClientSampleId :

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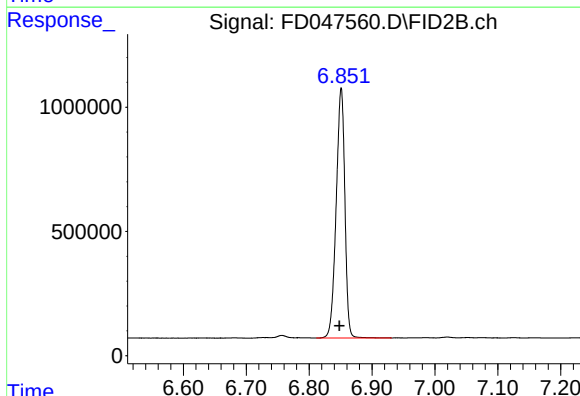
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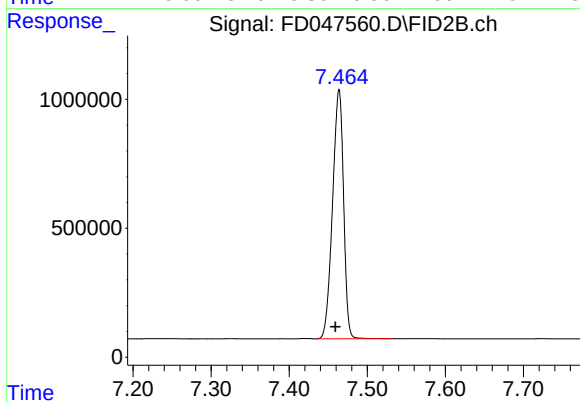
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 9292348
Conc: 56.78 ug/ml



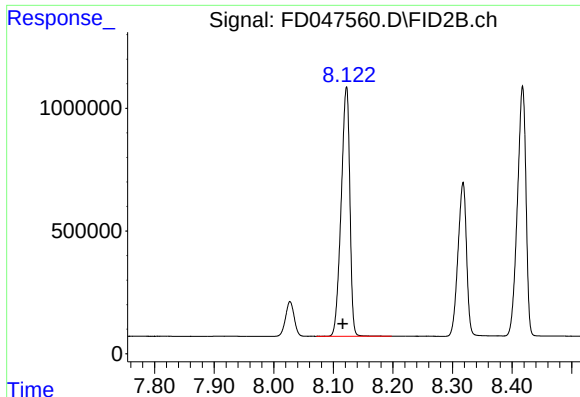
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 9661942
Conc: 58.74 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: 0.004 min
Response: 9482994
Conc: 63.43 ug/ml



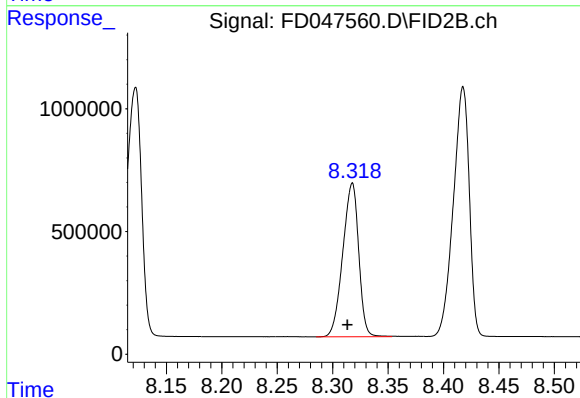
#5 Acenaphthylene (C15.06)

R.T.: 8.122 min
Delta R.T.: 0.006 min
Response: 10268610
Conc: 68.03 ug/ml

Instrument :
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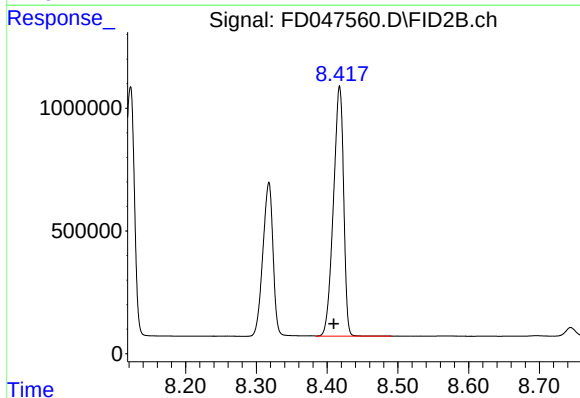
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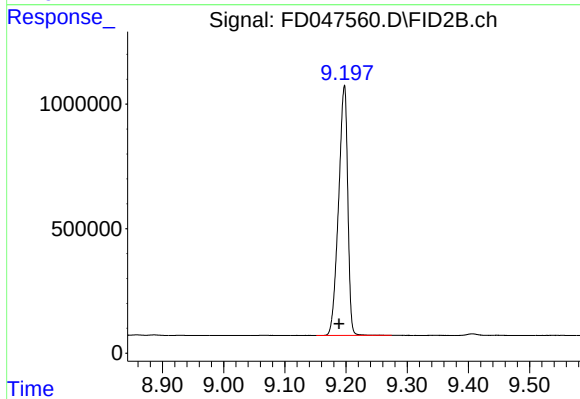
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.004 min
Response: 6252503
Conc: 63.99 ug/ml m



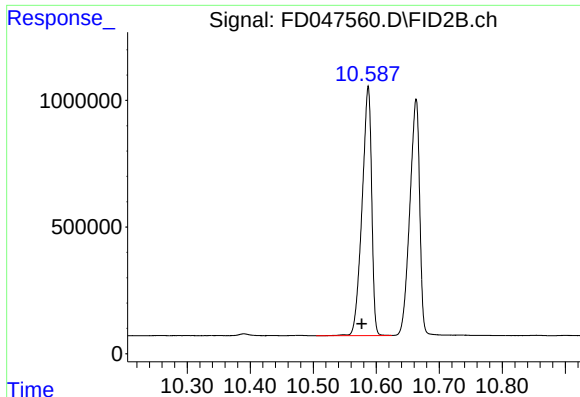
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.008 min
Response: 10199591
Conc: 63.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.008 min
Response: 10491178
Conc: 67.82 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.009 min
Response: 10406217
Conc: 69.94 ug/ml

Instrument :

FID_D

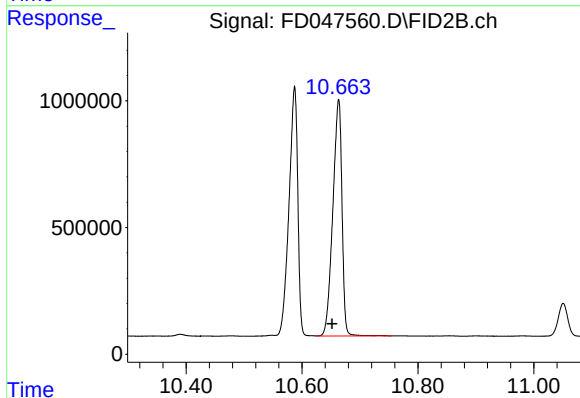
ClientSampleId :

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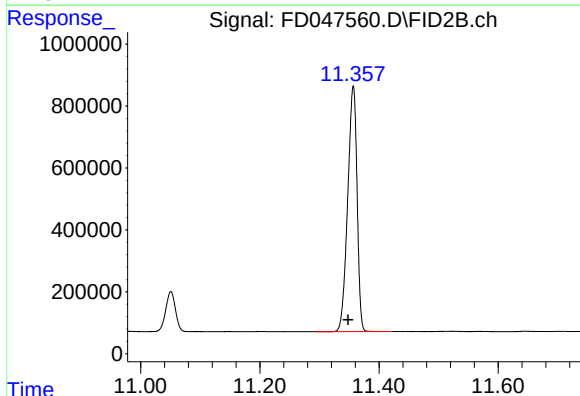
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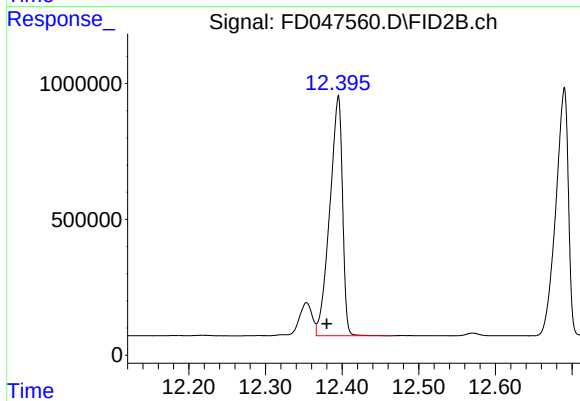
#10 Anthracene (C19.43)

R.T.: 10.663 min
Delta R.T.: 0.011 min
Response: 10231585
Conc: 75.23 ug/ml



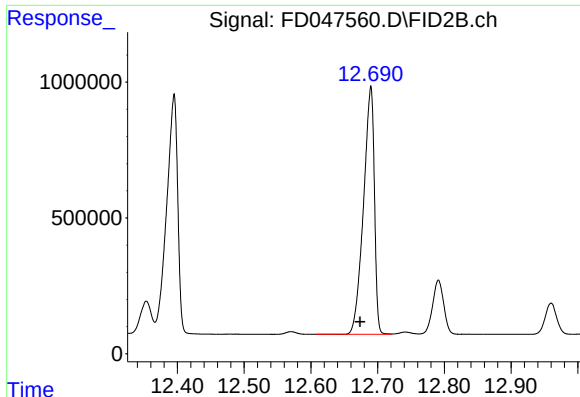
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.009 min
Response: 8641768
Conc: 50.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: 0.014 min
Response: 10227114
Conc: 69.18 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.689 min
Delta R.T.: 0.015 min
Response: 10343536
Conc: 71.67 ug/ml

Instrument :

FID_D

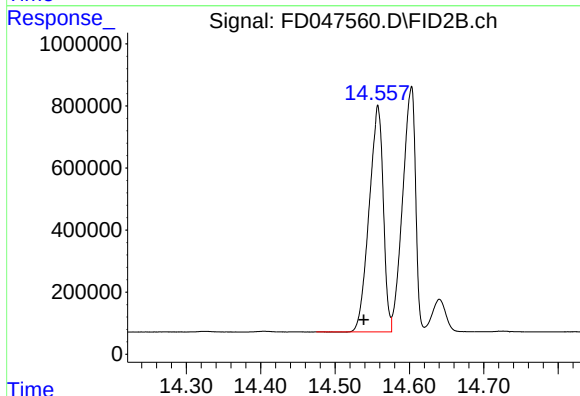
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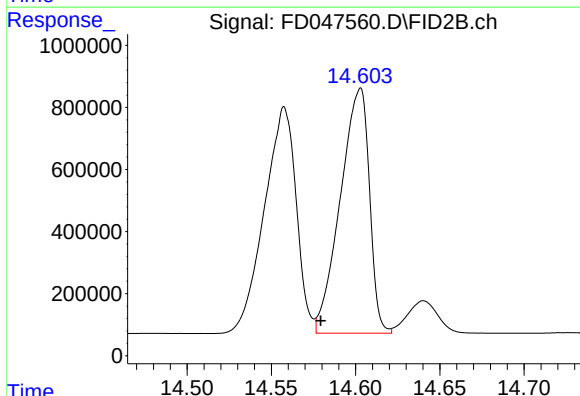
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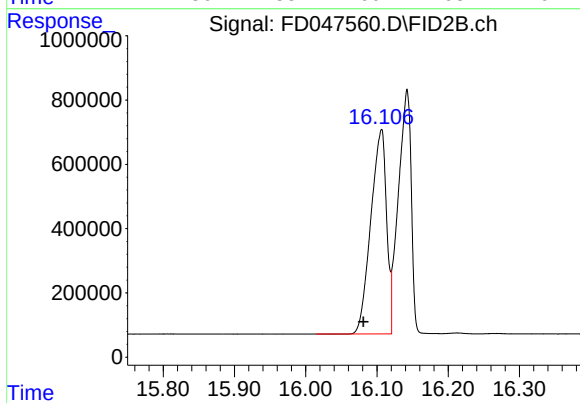
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.019 min
Response: 9636895
Conc: 73.28 ug/ml



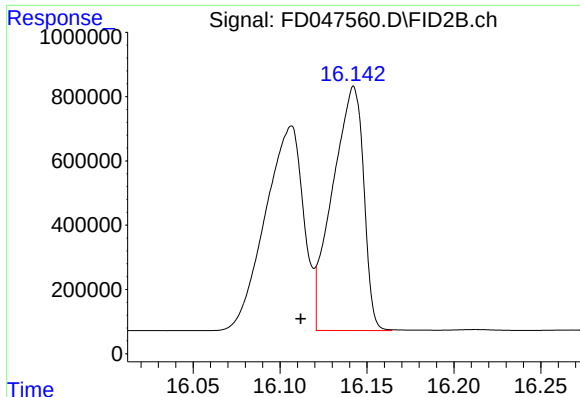
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: 0.023 min
Response: 9491088
Conc: 67.31 ug/ml m



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

R.T.: 16.105 min
Delta R.T.: 0.024 min
Response: 9745068
Conc: 69.85 ug/ml



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

R.T.: 16.142 min
Delta R.T.: 0.030 min
Response: 9396906
Conc: 67.56 ug/ml

Instrument :

FID_D

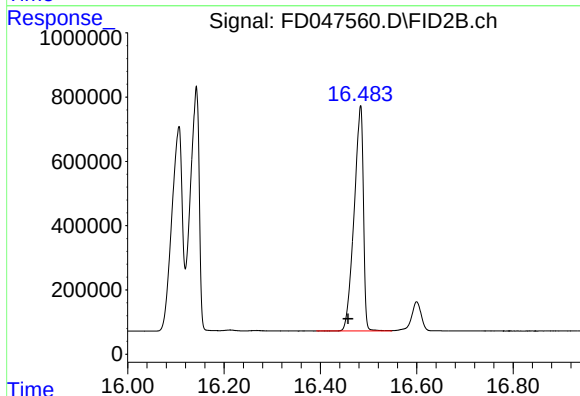
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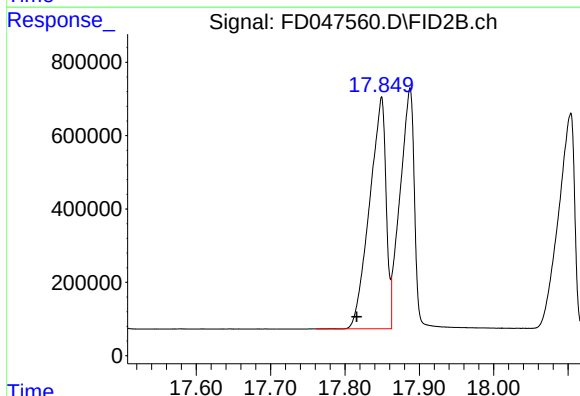
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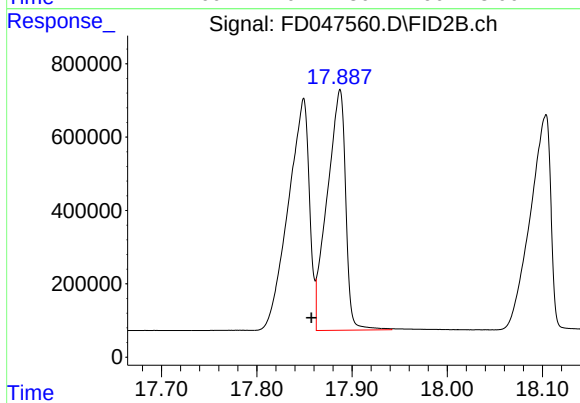
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.025 min
Response: 9386047
Conc: 68.36 ug/ml



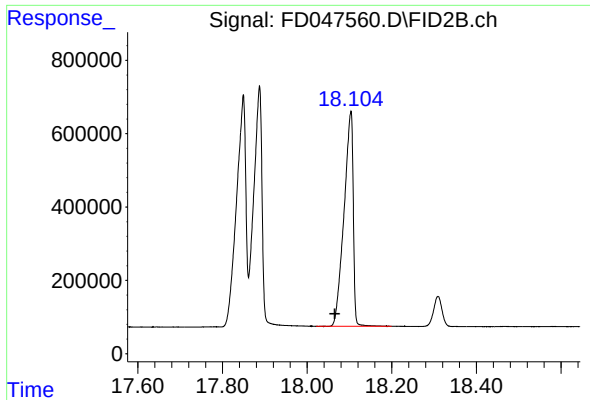
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.848 min
Delta R.T.: 0.033 min
Response: 9780262
Conc: 72.51 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.030 min
Response: 8799603
Conc: 65.47 ug/ml m



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

R.T.: 18.102 min
Delta R.T.: 0.036 min
Response: 8857937
Conc: 63.82 ug/ml

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