

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062425AR\
 Data File : FD049507.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2025 10:47
 Operator : YP/AJ
 Sample : PB168591BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168591BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e
 Quant Time: Jun 24 23:52:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 2025
 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...	7.738	6468581	50.732 ug/ml
Spiked Amount 50.000		Recovery =	101.46%
6) S 2-Fluorobiphenyl (SURR)	8.603	4494275	50.617 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.23%
11) S ortho-Terphenyl (SURR)	11.647	6646321	41.910 ug/ml
Spiked Amount 50.000		Recovery =	83.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	4059888	34.956 ug/ml
2) T Naphthalene (C11.7)	6.074	5143004	38.316 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	5152042	36.465 ug/ml
5) T Acenaphthylene (C15.06)	8.407	6230505	39.853 ug/ml
7) T Acenaphthene (C15.5)	8.703	6315315	42.151 ug/ml
8) T Flouorene (C16.55)	9.484	6751135	43.885 ug/ml
9) T Phenanthrene (C19.36)	10.883	6977159	43.782 ug/ml
10) T Anthracene (C19.43)	10.958	6588820	41.966 ug/ml
12) T Fluoranthene (C21.85)	12.697	7223797	45.621 ug/mlm
13) T Pyrene (C20.8)	12.996	7143046	45.149 ug/ml
14) T Benzo[a]anthracene (C...	14.868	7058452	47.827 ug/ml
15) T Chrysene (C27.41)	14.912	7567542	50.770 ug/ml
16) T benzo[b]fluoranthene ...	16.419	6852159	48.765 ug/ml
17) T Bnezo[k]fluoranthene ...	16.455	6728017	50.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.799	6436152	47.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	6540801	53.424 ug/ml
20) T Dibenz[a,h]anthracene...	18.203	5890773	45.999 ug/ml
21) T Benzo[g,h,i]perylene ...	18.422	5924006	46.343 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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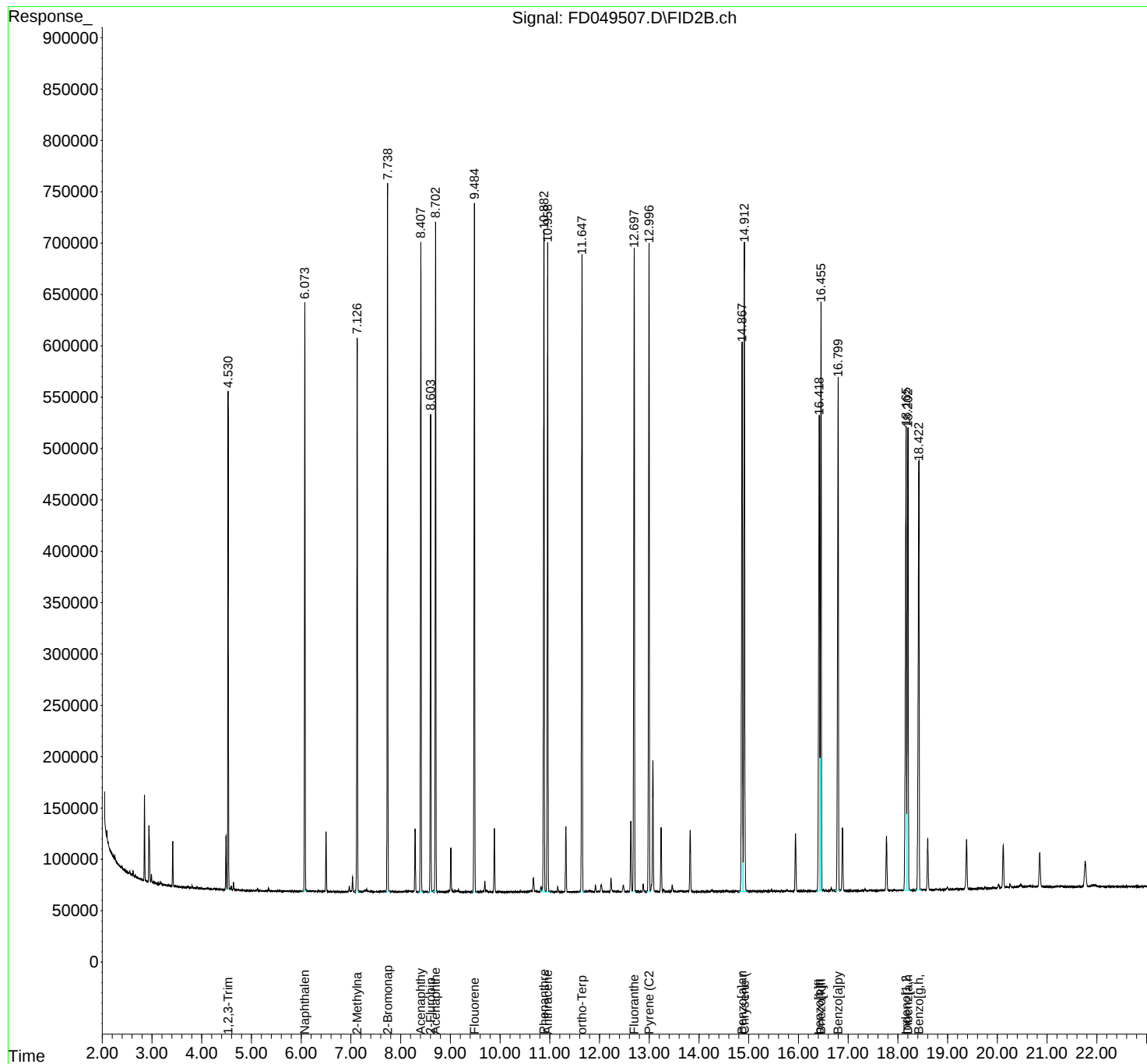
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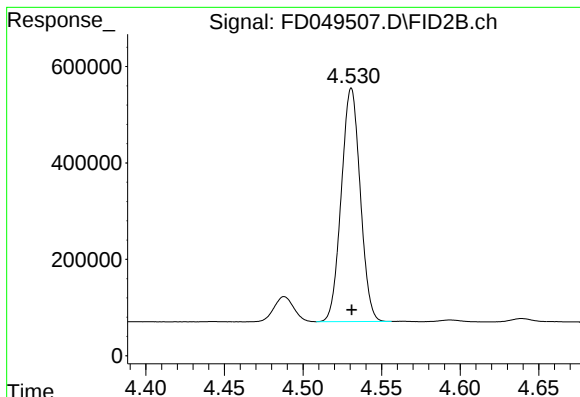
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 4059888
Conc: 34.96 ug/ml

Instrument :

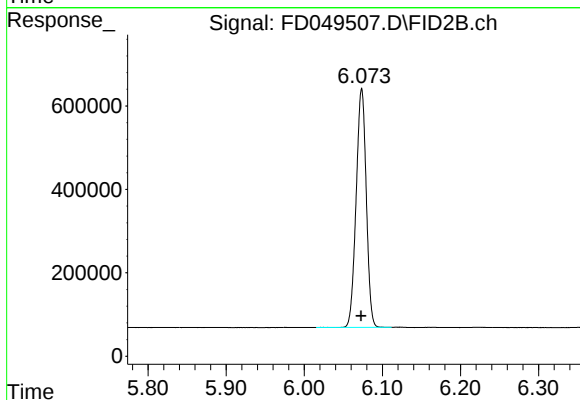
FID_D

ClientSampleId :

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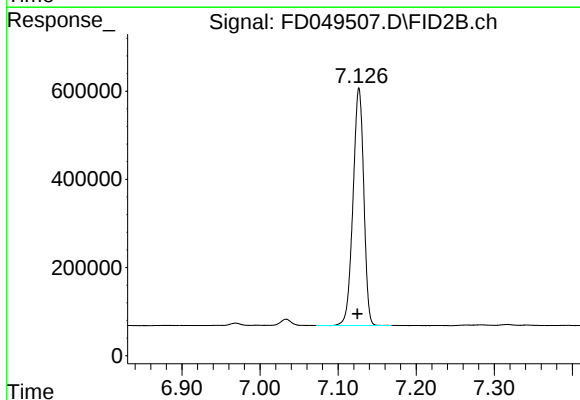
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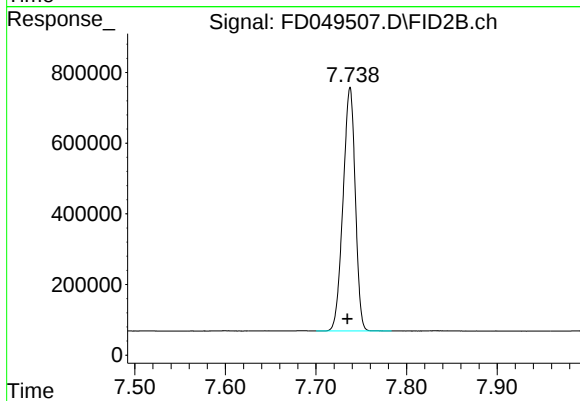
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 5143004
Conc: 38.32 ug/ml



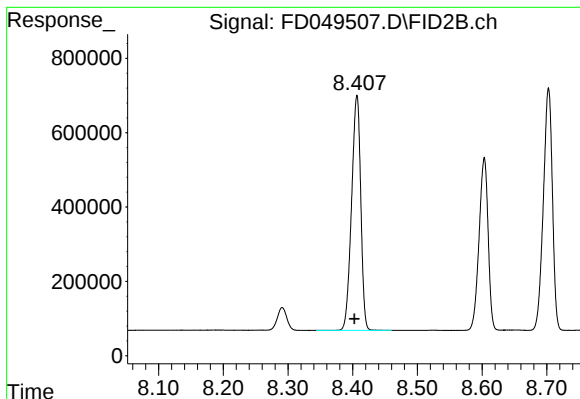
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 5152042
Conc: 36.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.738 min
Delta R.T.: 0.003 min
Response: 6468581
Conc: 50.73 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.407 min
Delta R.T.: 0.004 min
Response: 6230505
Conc: 39.85 ug/ml

Instrument :

FID_D

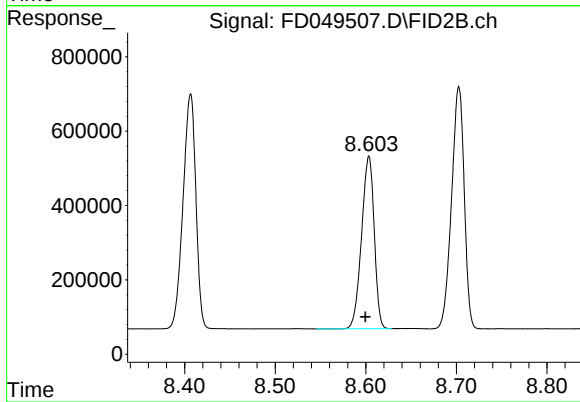
ClientSampleId :

PB168591BSD

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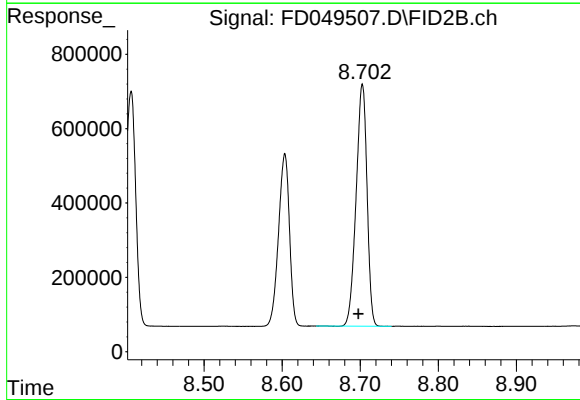
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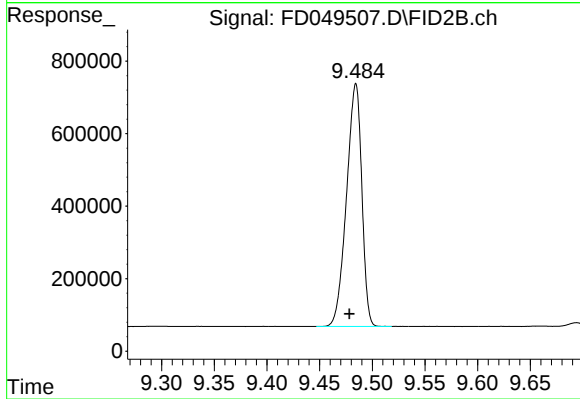
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: 0.004 min
Response: 4494275
Conc: 50.62 ug/ml



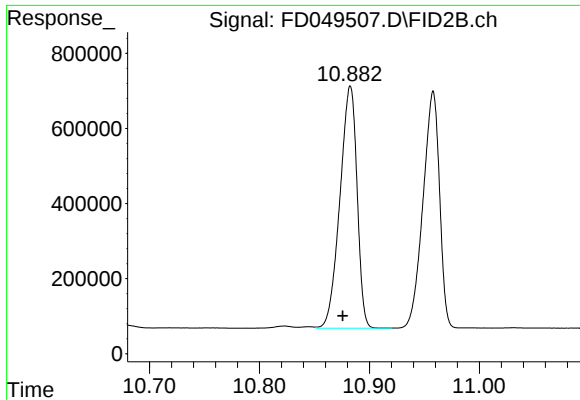
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.005 min
Response: 6315315
Conc: 42.15 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.484 min
Delta R.T.: 0.006 min
Response: 6751135
Conc: 43.88 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.883 min
Delta R.T.: 0.007 min
Response: 6977159
Conc: 43.78 ug/ml

Instrument :

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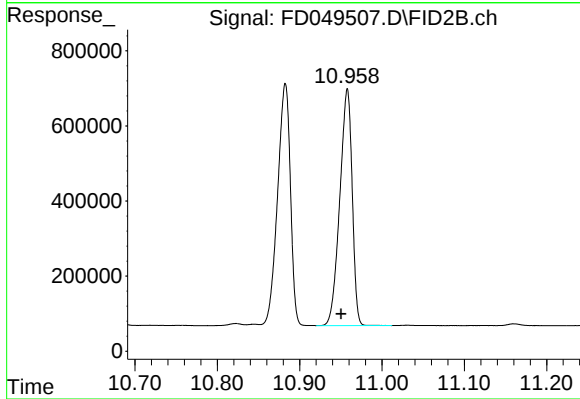
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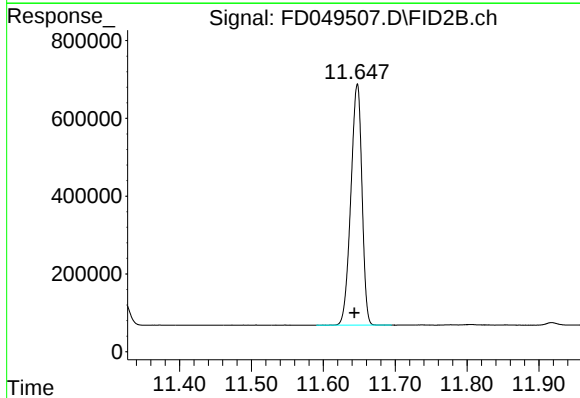
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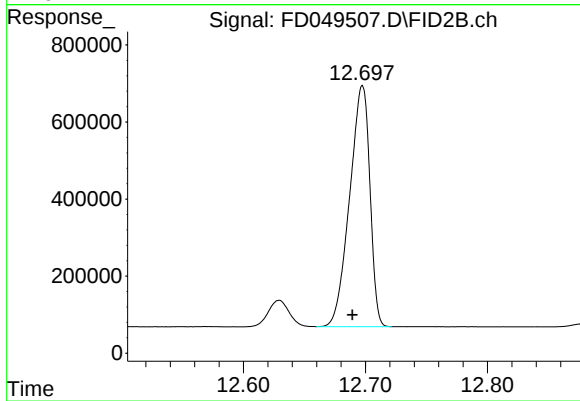
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.008 min
Response: 6588820
Conc: 41.97 ug/ml



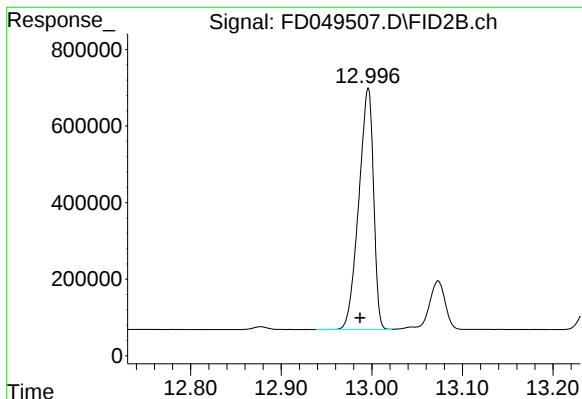
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.004 min
Response: 6646321
Conc: 41.91 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.697 min
Delta R.T.: 0.008 min
Response: 7223797
Conc: 45.62 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.996 min
Delta R.T.: 0.009 min
Response: 7143046
Conc: 45.15 ug/ml

Instrument :

FID_D

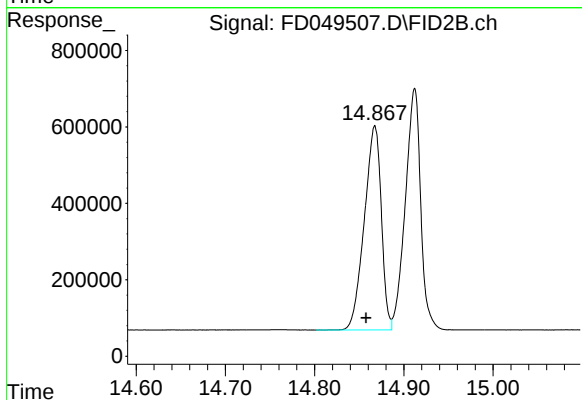
ClientSampleId :

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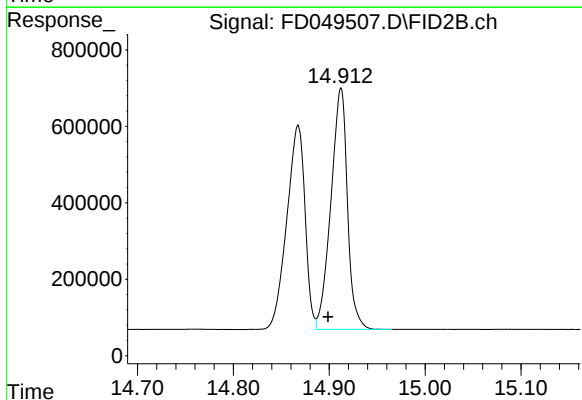
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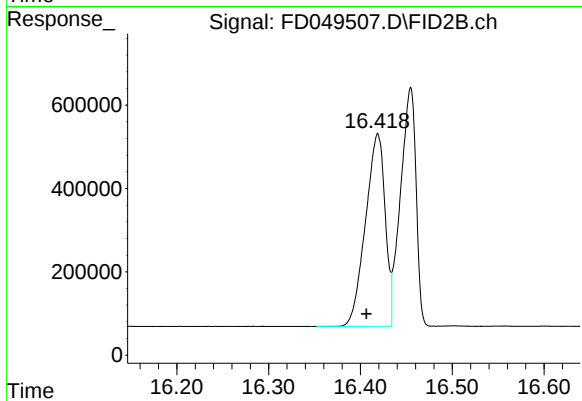
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.868 min
Delta R.T.: 0.010 min
Response: 7058452
Conc: 47.83 ug/ml



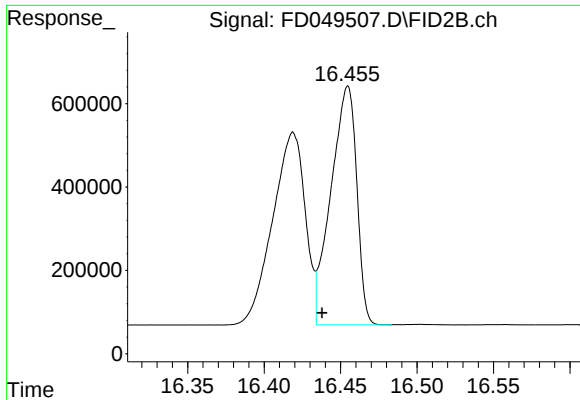
#15 Chrysene (C27.41)

R.T.: 14.912 min
Delta R.T.: 0.013 min
Response: 7567542
Conc: 50.77 ug/ml



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

R.T.: 16.419 min
Delta R.T.: 0.012 min
Response: 6852159
Conc: 48.77 ug/ml



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

R.T.: 16.455 min
Delta R.T.: 0.017 min
Response: 6728017
Conc: 50.66 ug/ml

Instrument :

FID_D

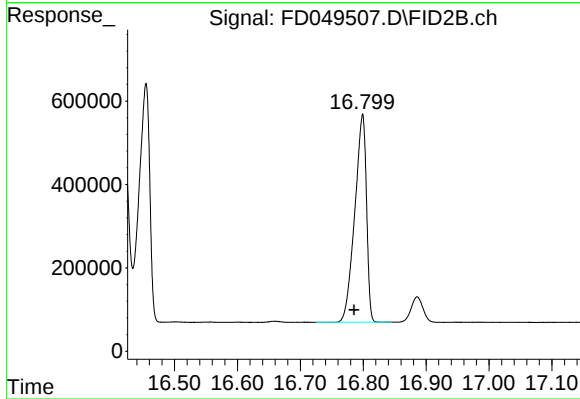
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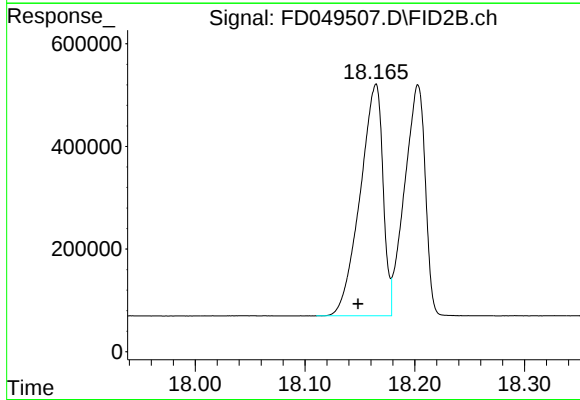
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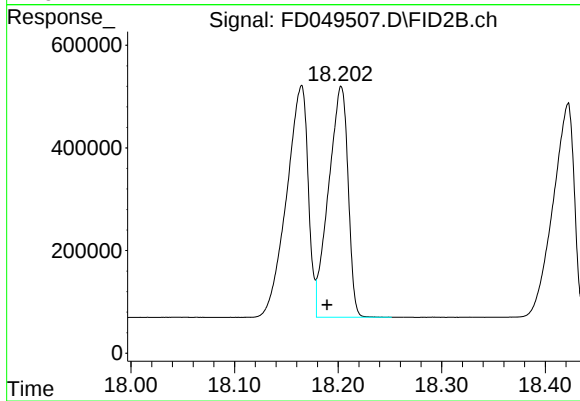
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.799 min
Delta R.T.: 0.013 min
Response: 6436152
Conc: 47.08 ug/ml



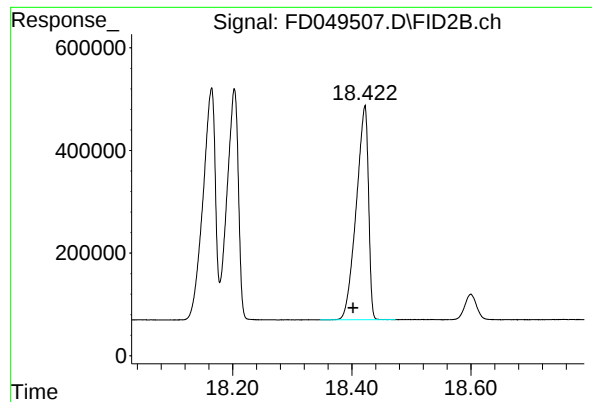
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.165 min
Delta R.T.: 0.016 min
Response: 6540801
Conc: 53.42 ug/ml



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

R.T.: 18.203 min
Delta R.T.: 0.014 min
Response: 5890773
Conc: 46.00 ug/ml



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

R.T.: 18.422 min
Delta R.T.: 0.020 min
Response: 5924006
Conc: 46.34 ug/ml

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