

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062525AR\
 Data File : FD049515.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2025 11:24
 Operator : YP/AJ
 Sample : PB168603BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168603BS

Integration File: autoint1.e
 Quant Time: Jun 26 05:36:26 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	6755714	52.984 ug/ml
Spiked Amount 50.000		Recovery =	105.97%
6) S 2-Fluorobiphenyl (SURR)	8.603	4701831	52.954 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.91%
11) S ortho-Terphenyl (SURR)	11.647	6968496	43.941 ug/ml
Spiked Amount 50.000		Recovery =	87.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	4253335	36.622 ug/ml
2) T Naphthalene (C11.7)	6.074	5363744	39.960 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	5386041	38.121 ug/ml
5) T Acenaphthylene (C15.06)	8.406	6502780	41.595 ug/ml
7) T Acenaphthene (C15.5)	8.703	6604280	44.080 ug/ml
8) T Fluorene (C16.55)	9.484	7064746	45.924 ug/ml
9) T Phenanthrene (C19.36)	10.883	7289122	45.739 ug/ml
10) T Anthracene (C19.43)	10.958	6866833	43.737 ug/ml
12) T Fluoranthene (C21.85)	12.697	7457401	47.097 ug/ml
13) T Pyrene (C20.8)	12.996	7407785	46.822 ug/ml
14) T Benzo[a]anthracene (C...	14.867	7217052	48.902 ug/ml
15) T Chrysene (C27.41)	14.913	7749313	51.990 ug/ml
16) T benzo[b]fluoranthene ...	16.419	6954383	49.493 ug/ml
17) T Bnezo[k]fluoranthene ...	16.455	6825596	51.391 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.799	6514720	47.652 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	6602098	53.924 ug/ml
20) T Dibenz[a,h]anthracene...	18.203	5963445	46.566 ug/ml
21) T Benzo[g,h,i]perylene ...	18.422	5964409	46.660 ug/ml

(f)=RT Delta > 1/2 Window

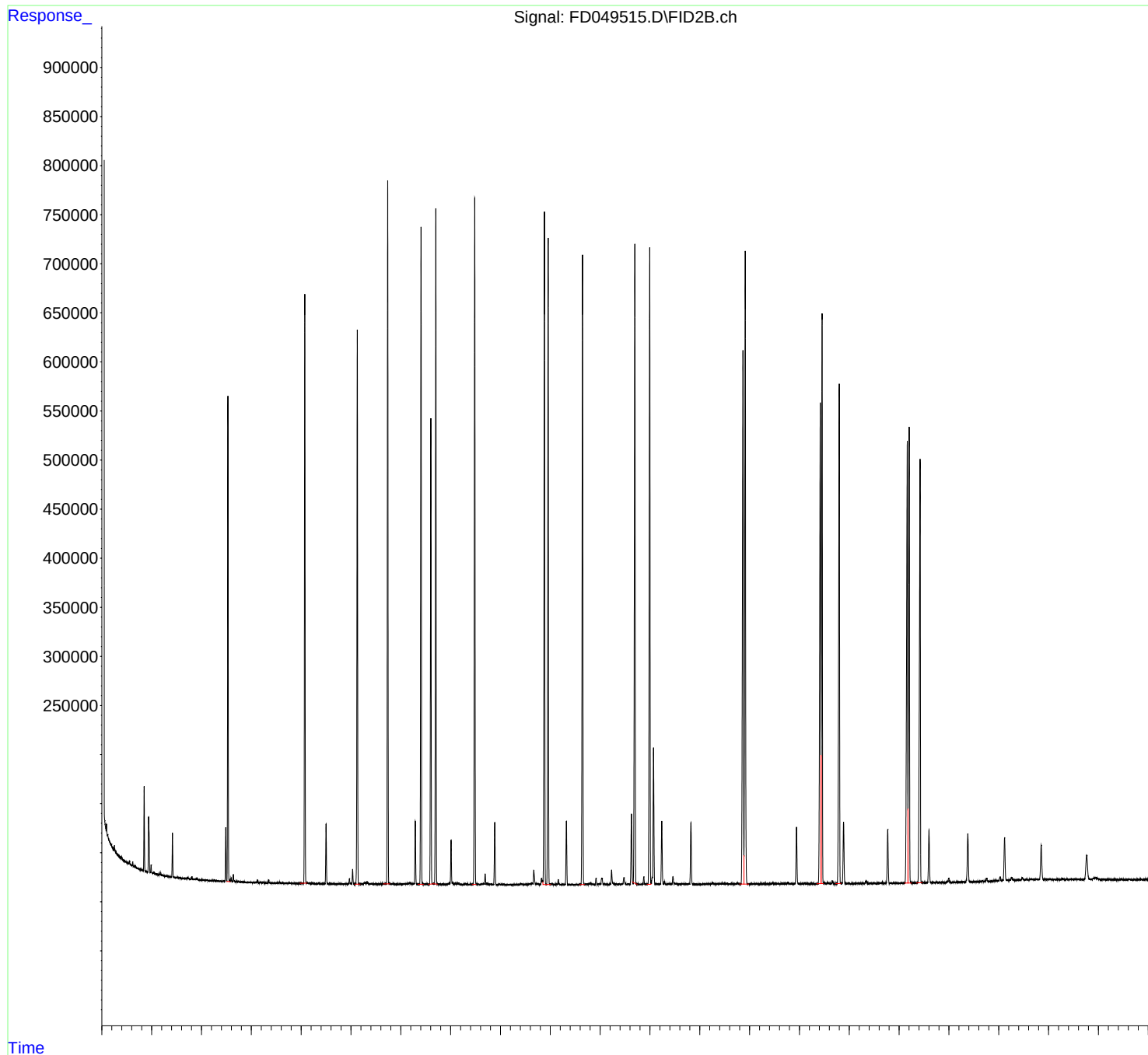
(m)=manual int.

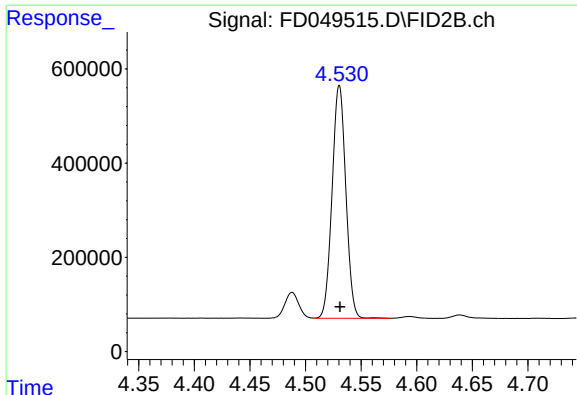
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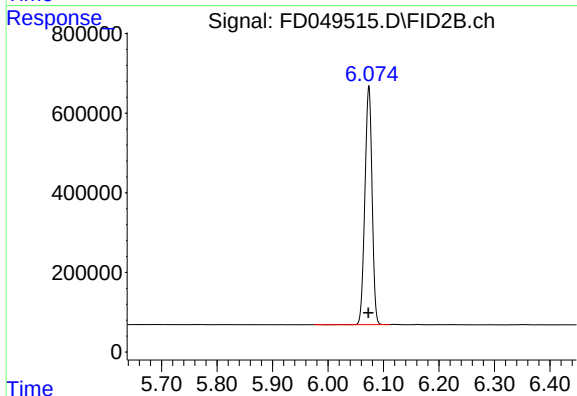




#1 1,2,3-Trimethylbenzene (C10.1)

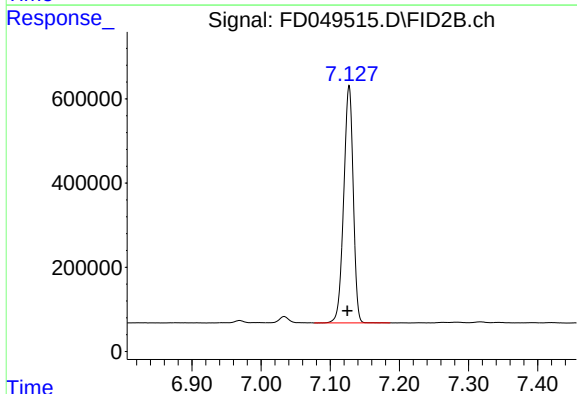
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 4253335
Conc: 36.62 ug/ml

Instrument :
FID_D
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PB168603BS



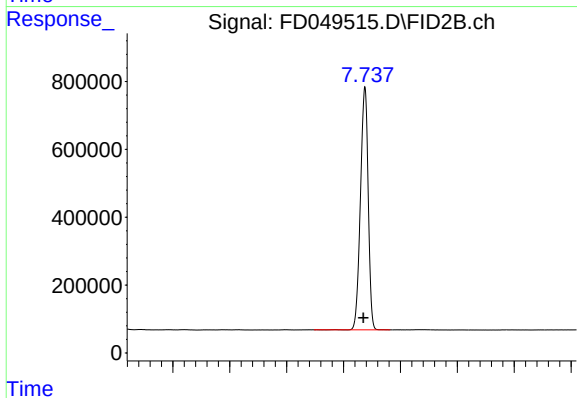
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 5363744
Conc: 39.96 ug/ml



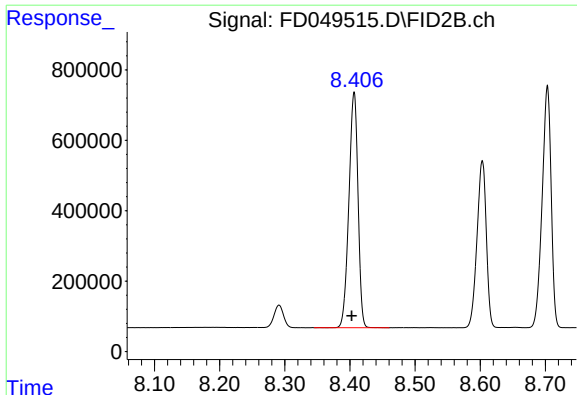
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 5386041
Conc: 38.12 ug/ml



#4 2-Bromonaphthalene (SURR)

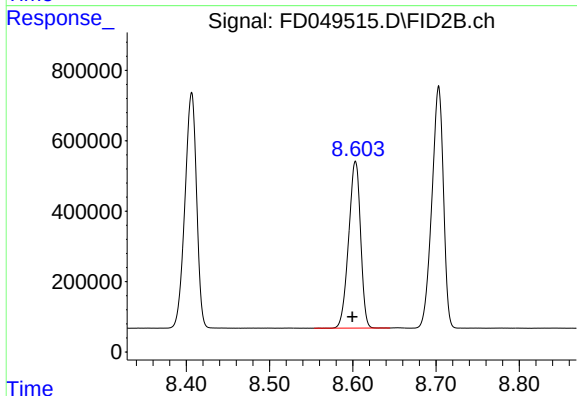
R.T.: 7.738 min
Delta R.T.: 0.003 min
Response: 6755714
Conc: 52.98 ug/ml



#5 Acenaphthylene (C15.06)

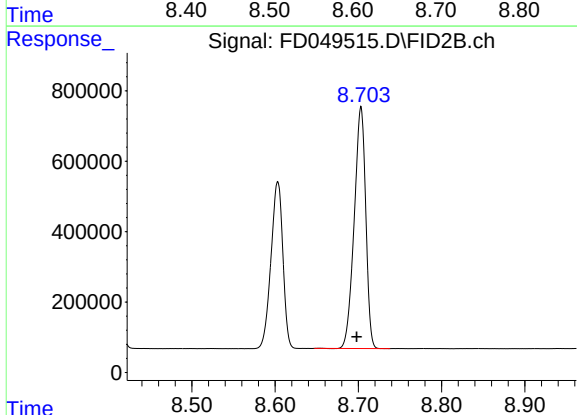
R.T.: 8.406 min
Delta R.T.: 0.004 min
Response: 6502780
Conc: 41.59 ug/ml

Instrument :
FID_D
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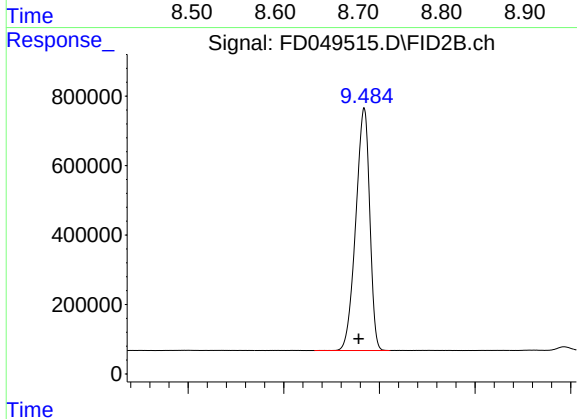
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: 0.004 min
Response: 4701831
Conc: 52.95 ug/ml



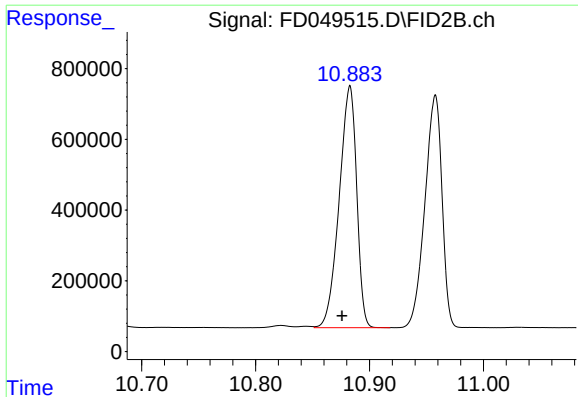
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.005 min
Response: 6604280
Conc: 44.08 ug/ml



#8 Flouorene (C16.55)

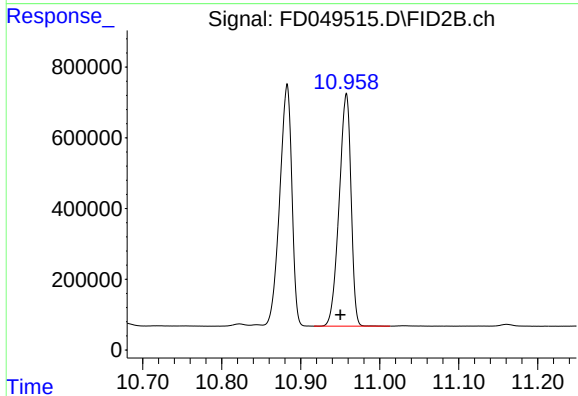
R.T.: 9.484 min
Delta R.T.: 0.006 min
Response: 7064746
Conc: 45.92 ug/ml



#9 Phenanthrene (C19.36)

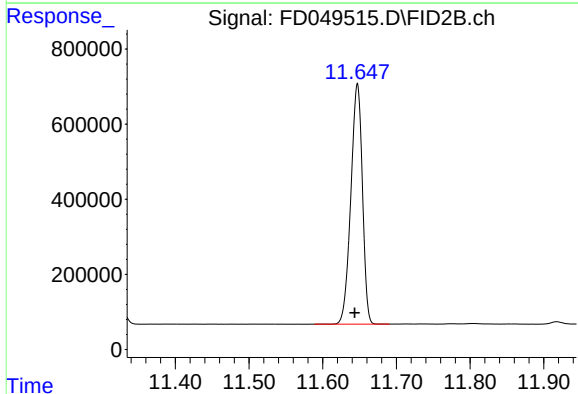
R.T.: 10.883 min
Delta R.T.: 0.007 min
Response: 7289122
Conc: 45.74 ug/ml

Instrument :
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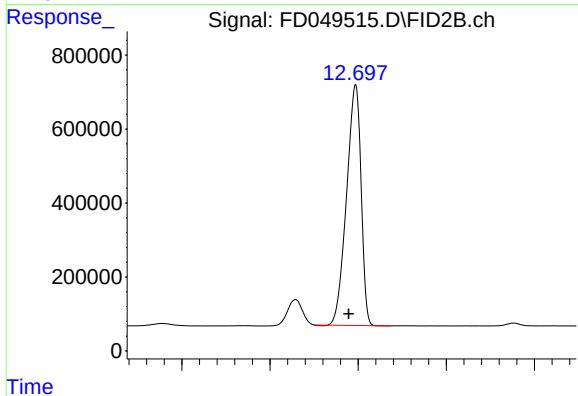
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.008 min
Response: 6866833
Conc: 43.74 ug/ml



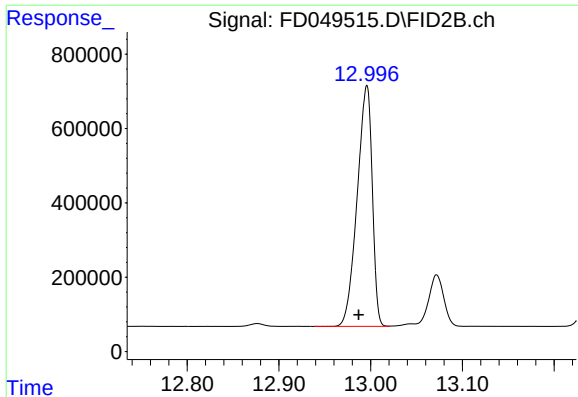
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.004 min
Response: 6968496
Conc: 43.94 ug/ml



#12 Fluoranthene (C21.85)

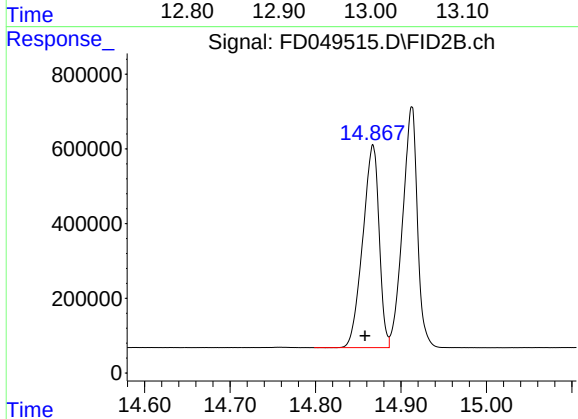
R.T.: 12.697 min
Delta R.T.: 0.008 min
Response: 7457401
Conc: 47.10 ug/ml



#13 Pyrene (C20.8)

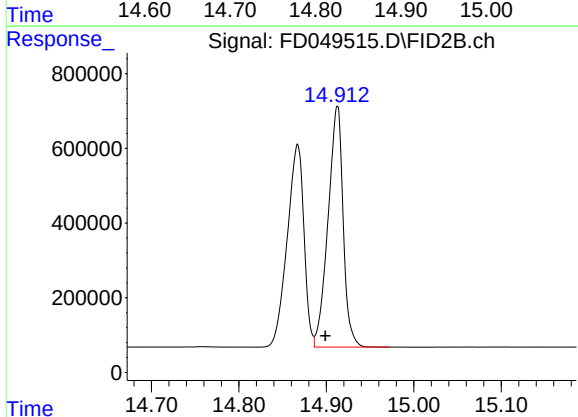
R.T.: 12.996 min
Delta R.T.: 0.009 min
Response: 7407785
Conc: 46.82 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168603BS



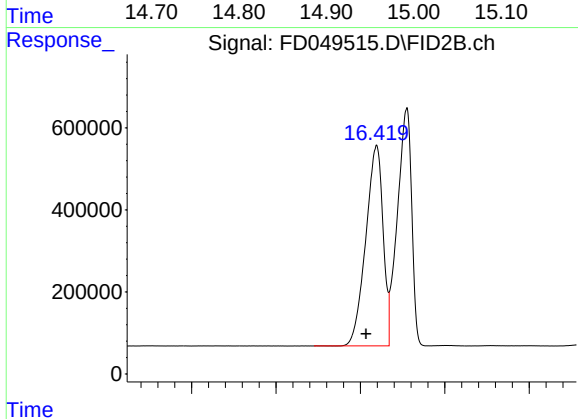
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.867 min
Delta R.T.: 0.009 min
Response: 7217052
Conc: 48.90 ug/ml



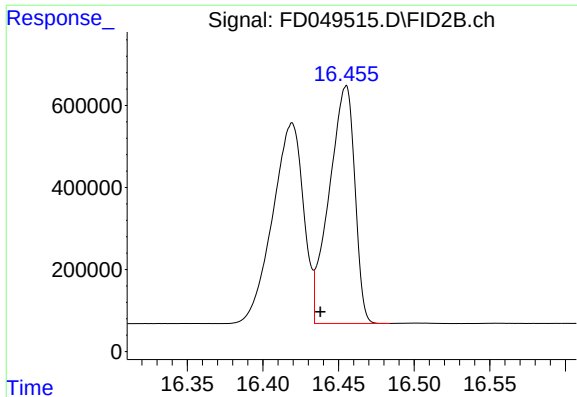
#15 Chrysene (C27.41)

R.T.: 14.913 min
Delta R.T.: 0.014 min
Response: 7749313
Conc: 51.99 ug/ml



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

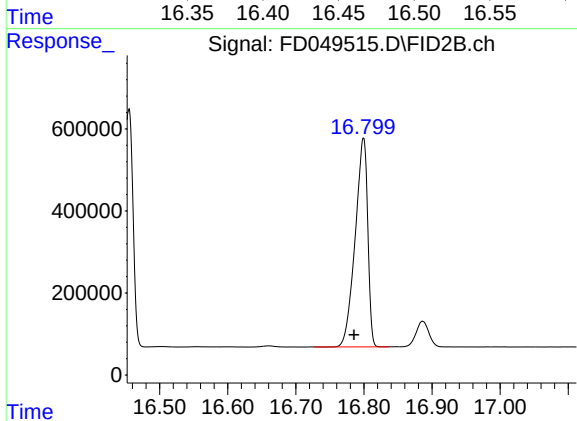
R.T.: 16.419 min
Delta R.T.: 0.013 min
Response: 6954383
Conc: 49.49 ug/ml



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

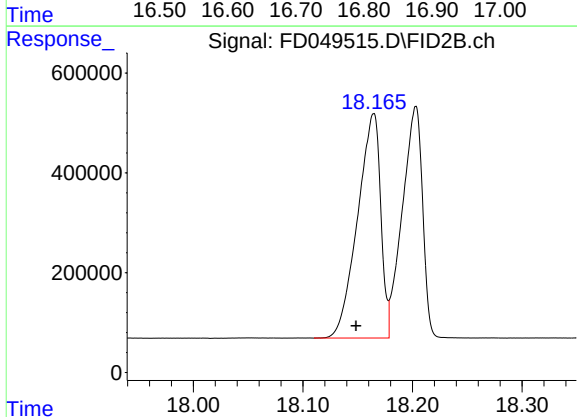
R.T.: 16.455 min
Delta R.T.: 0.017 min
Response: 6825596
Conc: 51.39 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168603BS



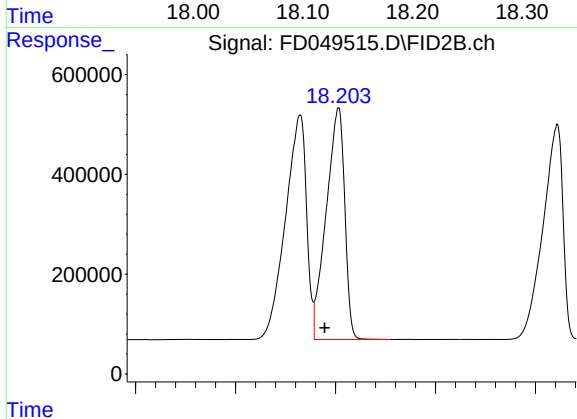
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.799 min
Delta R.T.: 0.014 min
Response: 6514720
Conc: 47.65 ug/ml



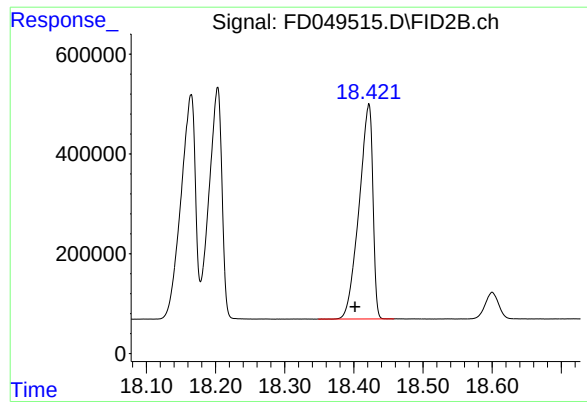
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.165 min
Delta R.T.: 0.016 min
Response: 6602098
Conc: 53.92 ug/ml



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

R.T.: 18.203 min
Delta R.T.: 0.014 min
Response: 5963445
Conc: 46.57 ug/ml



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

R.T.: 18.422 min
Delta R.T.: 0.020 min
Response: 5964409
Conc: 46.66 ug/ml

Instrument :

FID_D

ClientSampleId :

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