

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049244.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 17:26
 Operator : YP/AJ
 Sample : PB167513BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB167513BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e

Quant Time: Apr 09 02:35:47 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 08 05:25:12 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...	7.752	6326156	42.706 ug/ml
Spiked Amount 50.000		Recovery =	85.41%
6) S 2-Fluorobiphenyl (SURR)	8.618	3069688	30.094 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.19%
11) S ortho-Terphenyl (SURR)	11.663	7541600	42.805 ug/ml
Spiked Amount 50.000		Recovery =	85.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.542	3004087	20.047 ug/mlm
2) T Naphthalene (C11.7)	6.088	3901551	23.829 ug/ml
3) T 2-Methylnaphthalene (...)	7.142	4030089	24.915 ug/ml
5) T Acenaphthylene (C15.06)	8.422	5705860	32.302 ug/ml
7) T Acenaphthene (C15.5)	8.718	5415185	31.431 ug/ml
8) T Flouorene (C16.55)	9.500	6689756	38.363 ug/ml
9) T Phenanthrene (C19.36)	10.900	7079388	41.252 ug/ml
10) T Anthracene (C19.43)	10.975	6662509	42.410 ug/ml
12) T Fluoranthene (C21.85)	12.715	7416740	43.879 ug/ml
13) T Pyrene (C20.8)	13.013	7055671	42.069 ug/ml
14) T Benzo[a]anthracene (C...	14.884	6739265	46.883 ug/ml
15) T Chrysene (C27.41)	14.929	7308649	50.651 ug/ml
16) T benzo[b]fluoranthene ...	16.434	6419791	46.145 ug/ml
17) T Bnezo[k]fluoranthene ...	16.470	6346359	46.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.815	5888635	45.285 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.179	6240489	50.622 ug/ml
20) T Dibenz[a,h]anthracene...	18.217	5791407	45.801 ug/ml
21) T Benzo[g,h,i]perylene ...	18.436	5909365	45.265 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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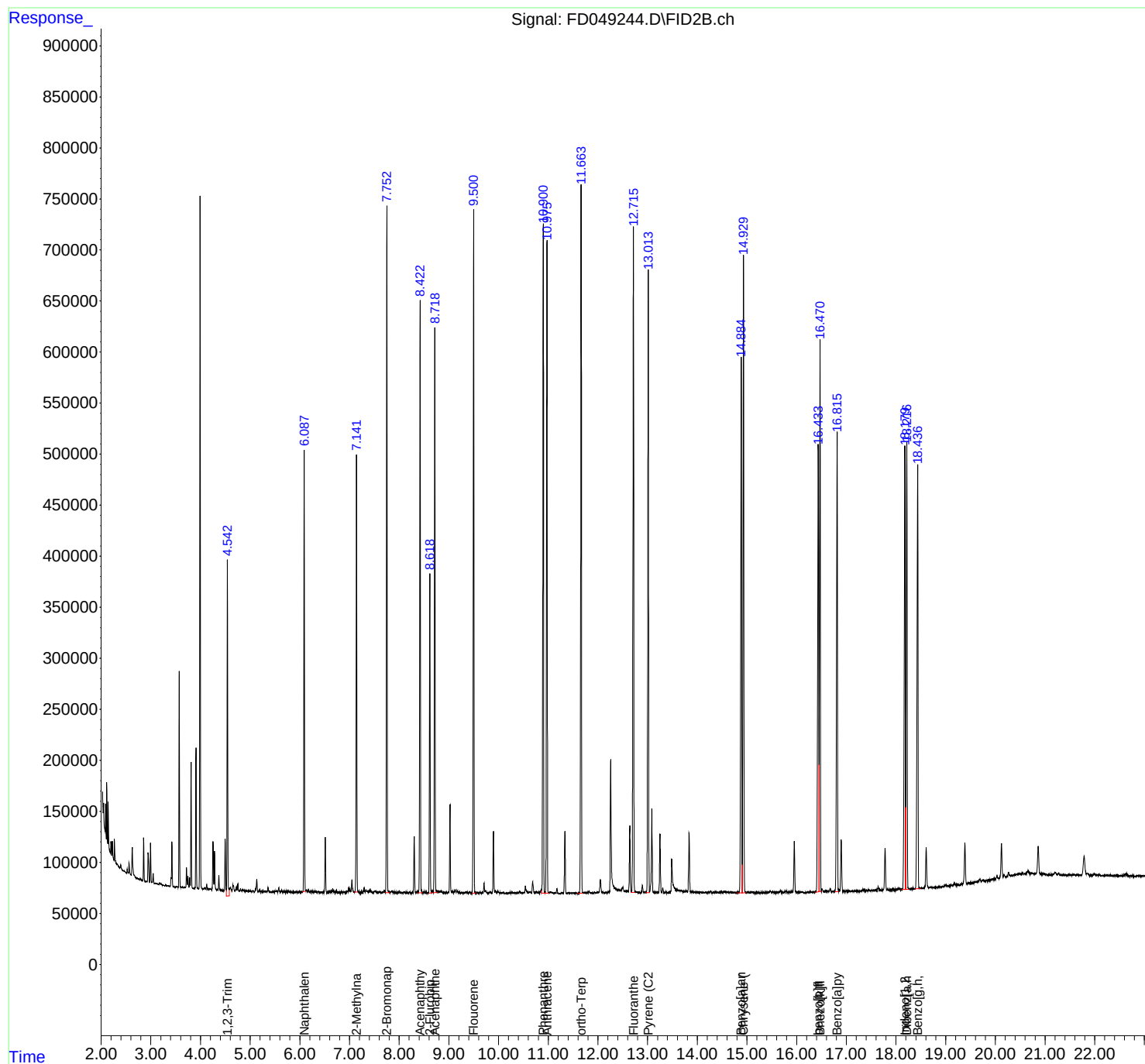
Response via : Initial Calibration

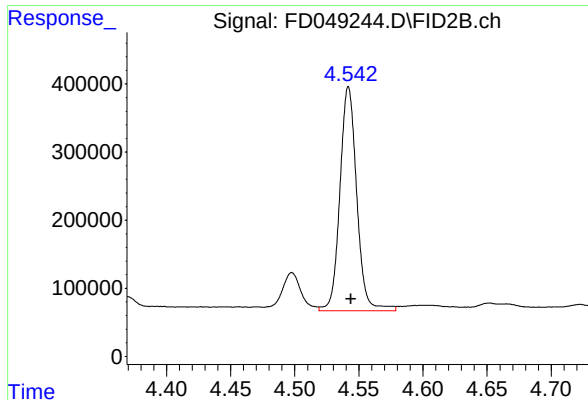
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





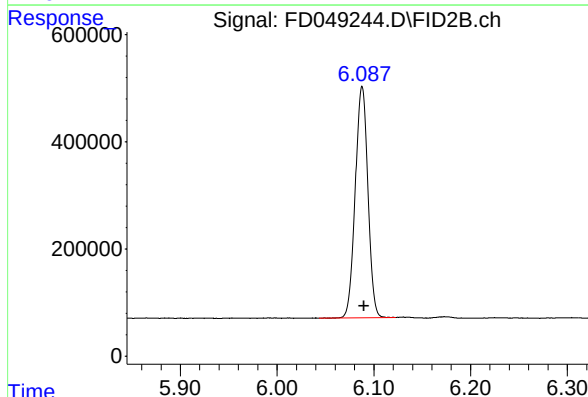
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.542 min
Delta R.T.: -0.002 min
Response: 3004087
Conc: 20.05 ug/ml

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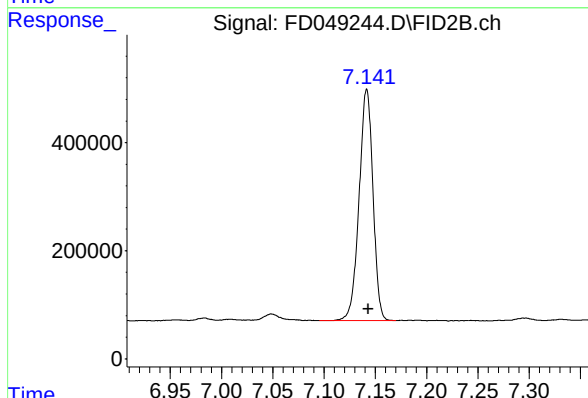
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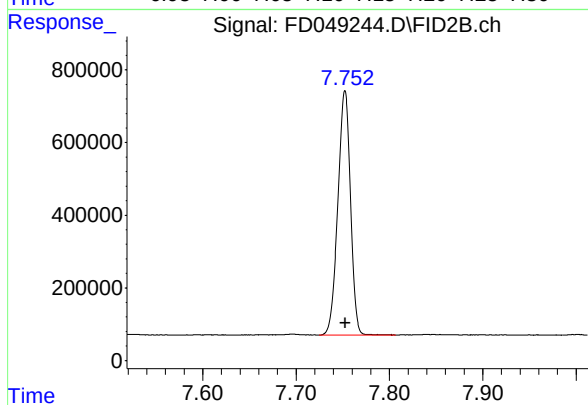
#2 Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 3901551
Conc: 23.83 ug/ml



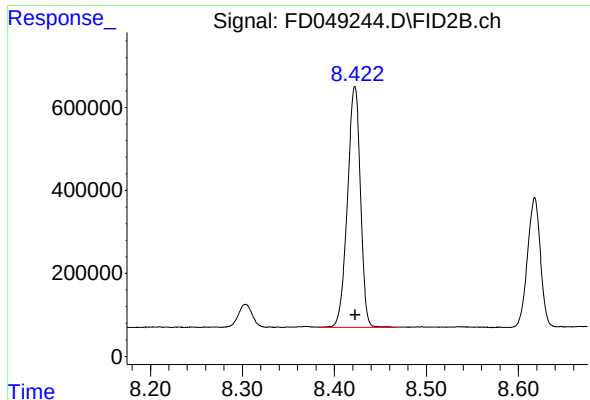
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.142 min
Delta R.T.: -0.002 min
Response: 4030089
Conc: 24.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 6326156
Conc: 42.71 ug/ml



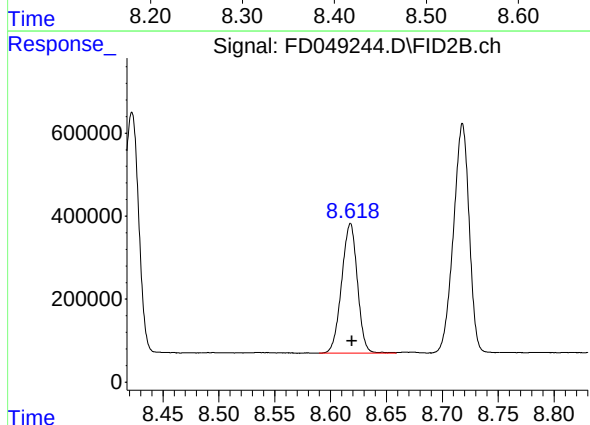
#5 Acenaphthylene (C15.06)

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 5705860
Conc: 32.30 ug/ml

Instrument :
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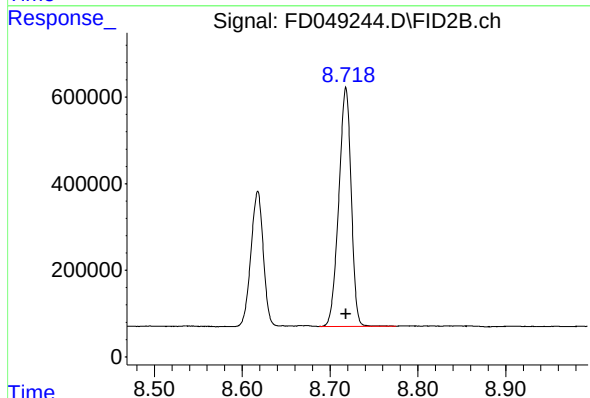
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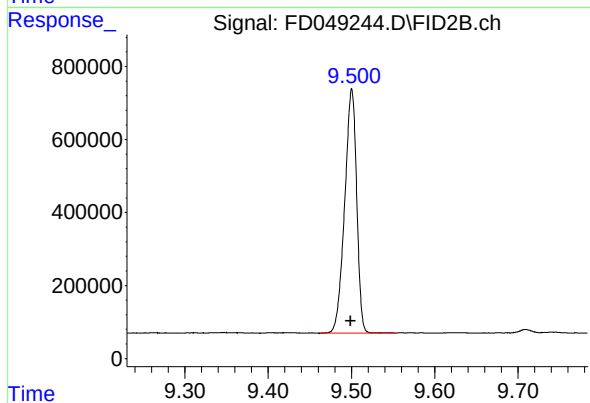
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.618 min
Delta R.T.: -0.001 min
Response: 3069688
Conc: 30.09 ug/ml



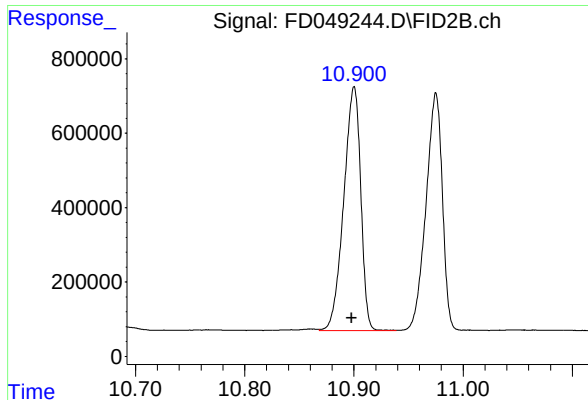
#7 Acenaphthene (C15.5)

R.T.: 8.718 min
Delta R.T.: 0.000 min
Response: 5415185
Conc: 31.43 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.500 min
Delta R.T.: 0.001 min
Response: 6689756
Conc: 38.36 ug/ml



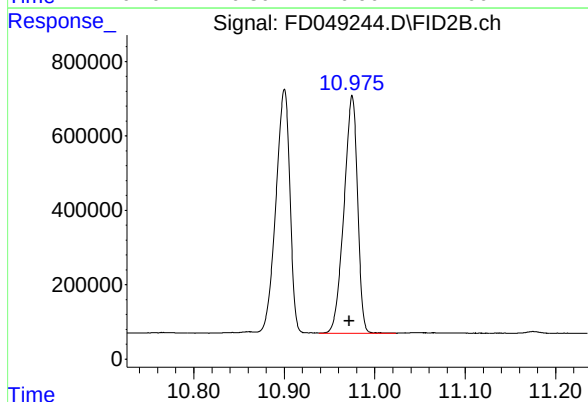
#9 Phenanthrene (C19.36)

R.T.: 10.900 min
Delta R.T.: 0.002 min
Response: 7079388
Conc: 41.25 ug/ml

Instrument :
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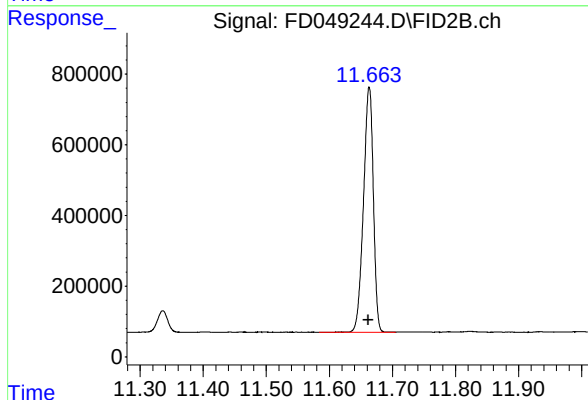
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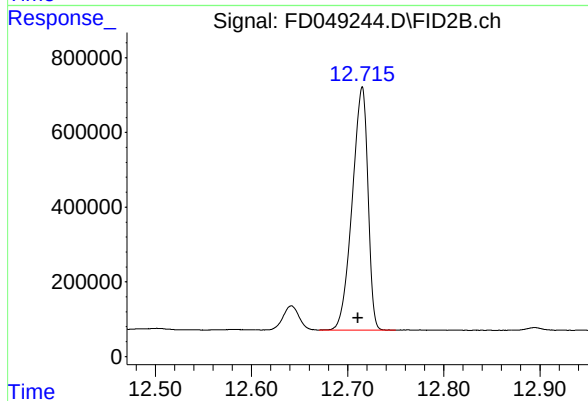
#10 Anthracene (C19.43)

R.T.: 10.975 min
Delta R.T.: 0.003 min
Response: 6662509
Conc: 42.41 ug/ml



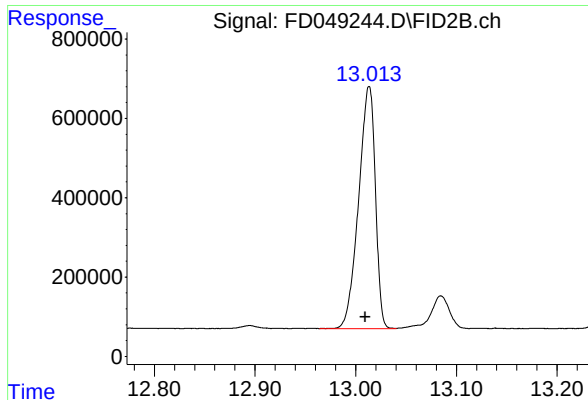
#11 ortho-Terphenyl (SURRE)

R.T.: 11.663 min
Delta R.T.: 0.001 min
Response: 7541600
Conc: 42.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.715 min
Delta R.T.: 0.004 min
Response: 7416740
Conc: 43.88 ug/ml



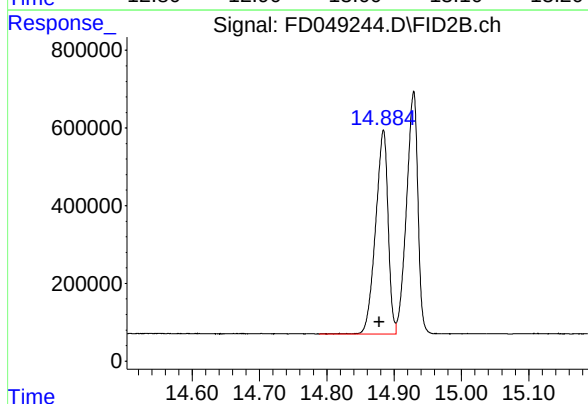
#13 Pyrene (C20.8)

R.T.: 13.013 min
Delta R.T.: 0.004 min
Response: 7055671
Conc: 42.07 ug/ml

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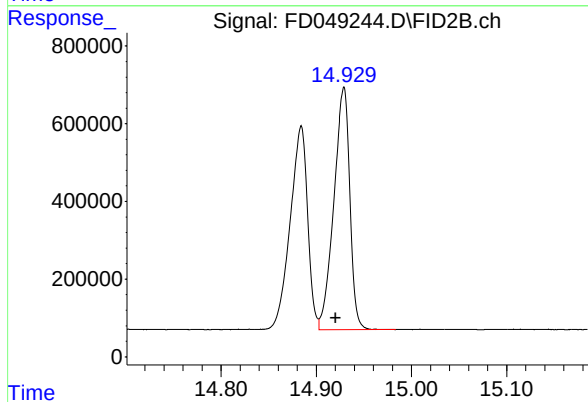
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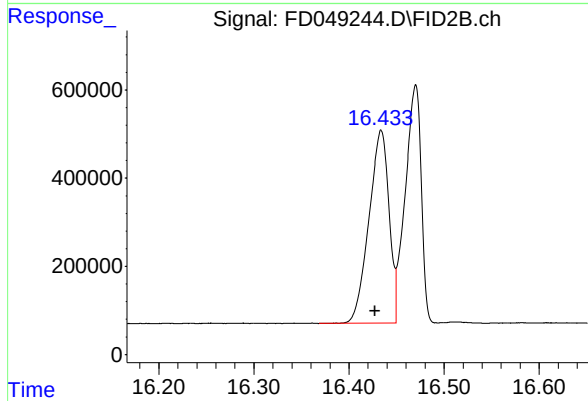
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min
Delta R.T.: 0.006 min
Response: 6739265
Conc: 46.88 ug/ml



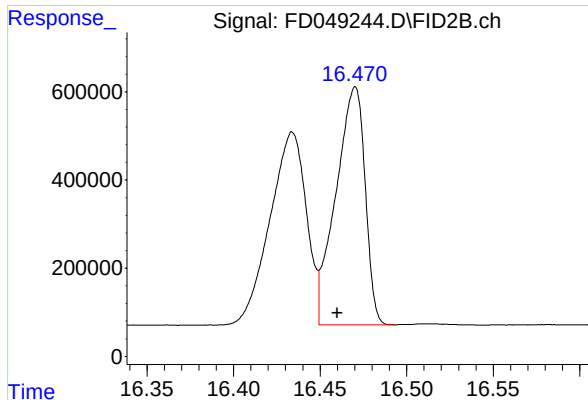
#15 Chrysene (C27.41)

R.T.: 14.929 min
Delta R.T.: 0.009 min
Response: 7308649
Conc: 50.65 ug/ml



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

R.T.: 16.434 min
Delta R.T.: 0.007 min
Response: 6419791
Conc: 46.15 ug/ml



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

R.T.: 16.470 min
Delta R.T.: 0.010 min
Response: 6346359
Conc: 46.40 ug/ml

Instrument :

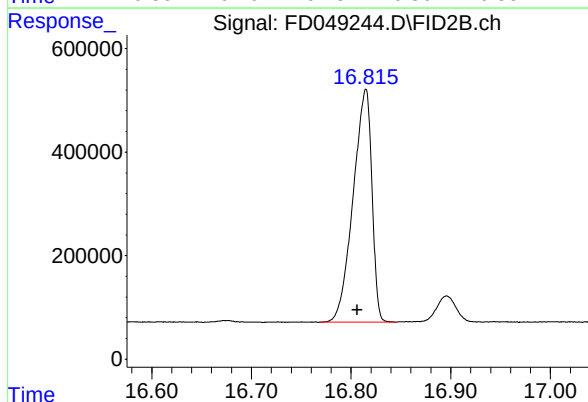
FID_D

ClientSampleId :

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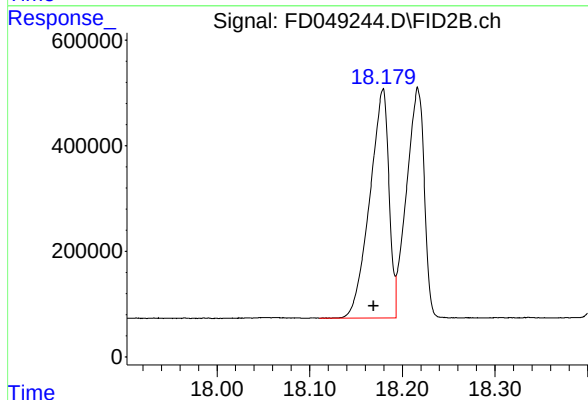
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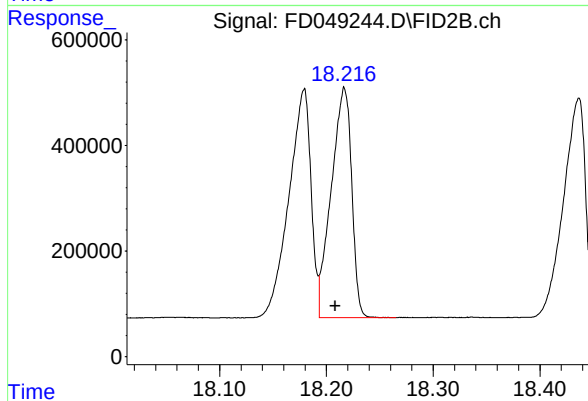
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.815 min
Delta R.T.: 0.008 min
Response: 5888635
Conc: 45.28 ug/ml



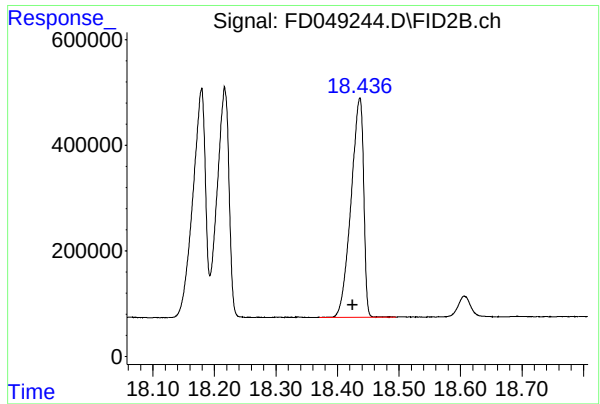
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.179 min
Delta R.T.: 0.010 min
Response: 6240489
Conc: 50.62 ug/ml



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

R.T.: 18.217 min
Delta R.T.: 0.008 min
Response: 5791407
Conc: 45.80 ug/ml



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

R.T.: 18.436 min
Delta R.T.: 0.011 min
Response: 5909365
Conc: 45.27 ug/ml

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