

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049251.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 21:48
 Operator : YP/AJ
 Sample : Q1746-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-149-SB01MSD

Integration File: autoint1.e
 Quant Time: Apr 09 02:37:44 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...	7.751	5133085	34.652 ug/ml
Spiked Amount 50.000		Recovery =	69.30%
6) S 2-Fluorobiphenyl (SURR)	8.616	2752734	26.987 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.97%
11) S ortho-Terphenyl (SURR)	11.659	5266063	29.890 ug/ml
Spiked Amount 50.000		Recovery =	59.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	1860002	12.412 ug/ml
2) T Naphthalene (C11.7)	6.087	2769239	16.913 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	3157516	19.521 ug/ml
5) T Acenaphthylene (C15.06)	8.421	4777724	27.048 ug/ml
7) T Acenaphthene (C15.5)	8.716	4616677	26.797 ug/ml
8) T Fluorene (C16.55)	9.498	5678317	32.563 ug/ml
9) T Phenanthrene (C19.36)	10.896	5943385	34.633 ug/ml
10) T Anthracene (C19.43)	10.971	5647179	35.947 ug/ml
12) T Fluoranthene (C21.85)	12.710	6213968	36.763 ug/ml
13) T Pyrene (C20.8)	13.009	5871344	35.008 ug/ml
14) T Benzo[a]anthracene (C...	14.879	5495150	38.228 ug/ml
15) T Chrysene (C27.41)	14.922	6019267	41.715 ug/ml
16) T benzo[b]fluoranthene ...	16.428	5284297	37.983 ug/ml
17) T Bnezo[k]fluoranthene ...	16.462	5132689	37.529 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.808	4877836	37.512 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.175	5233326	42.452 ug/ml
20) T Dibenz[a,h]anthracene...	18.213	4820444	38.122 ug/ml
21) T Benzo[g,h,i]perylene ...	18.432	4873551	37.331 ug/ml

(f)=RT Delta > 1/2 Window

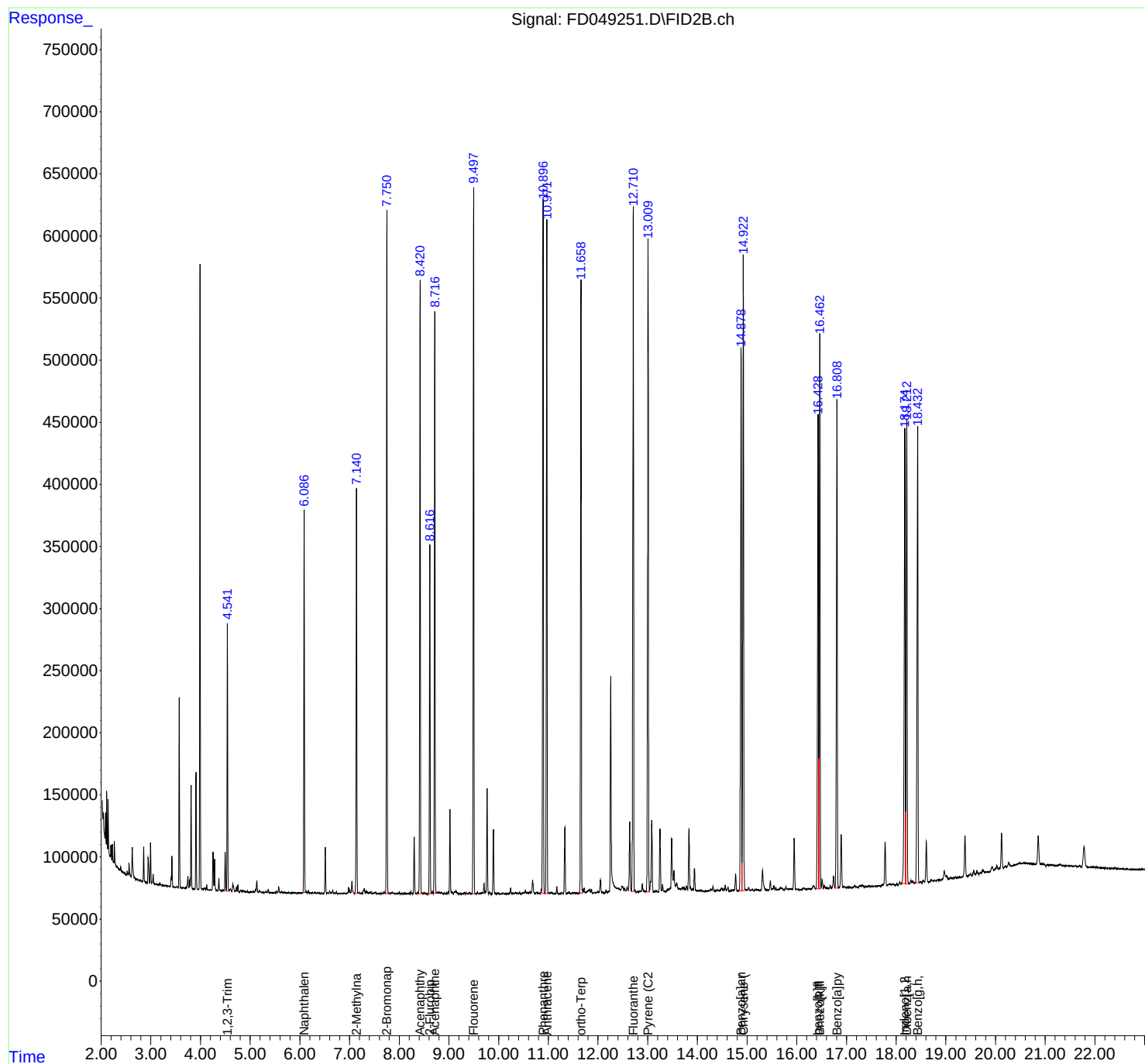
(m)=manual int.

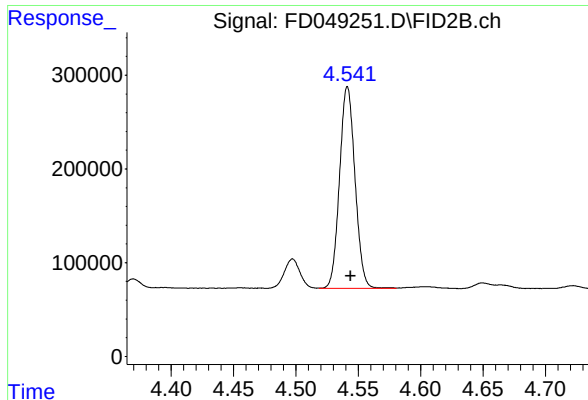
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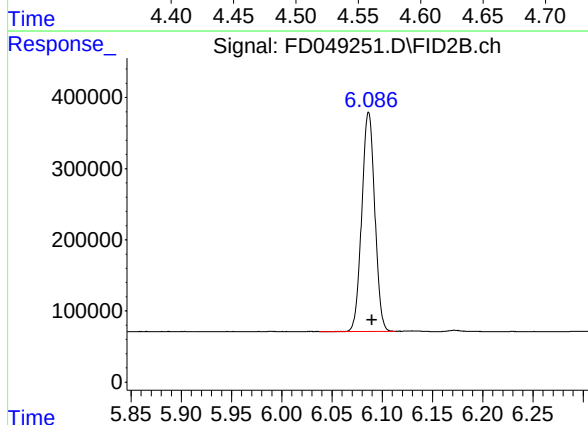




#1 1,2,3-Trimethylbenzene (C10.1)

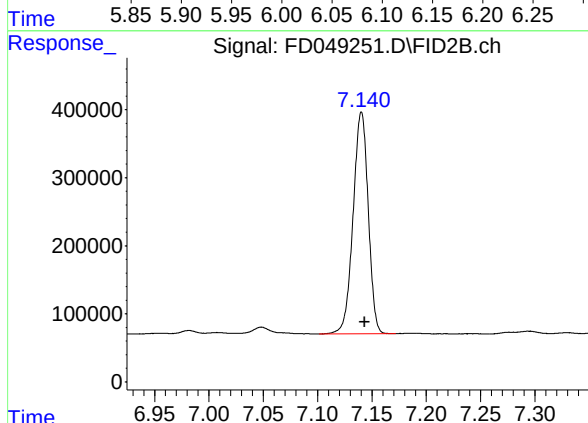
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 1860002
Conc: 12.41 ug/ml

Instrument :
FID_D
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B-149-SB01MSD



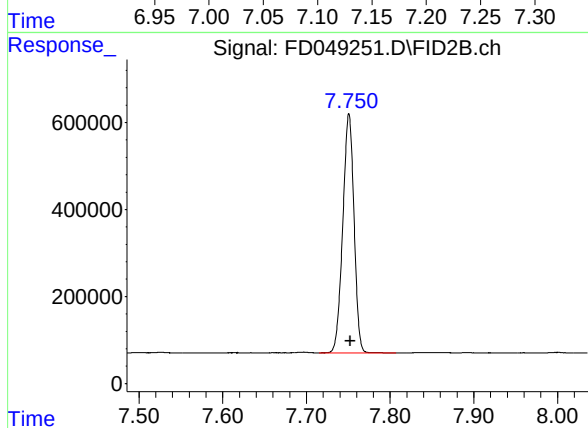
#2 Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 2769239
Conc: 16.91 ug/ml



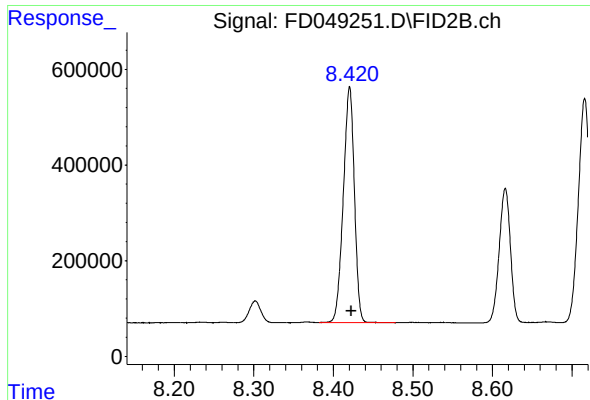
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 3157516
Conc: 19.52 ug/ml



#4 2-Bromonaphthalene (SURR)

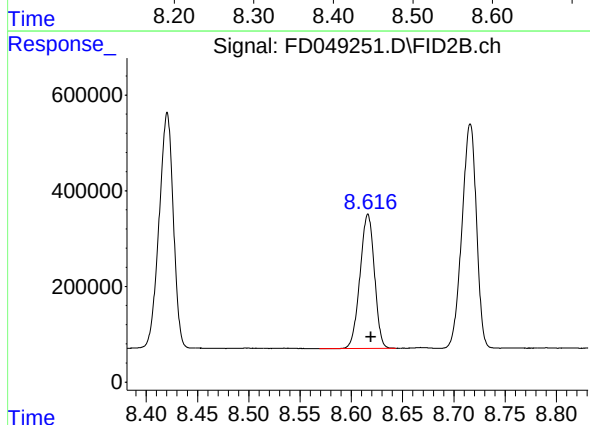
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 5133085
Conc: 34.65 ug/ml



#5 Acenaphthylene (C15.06)

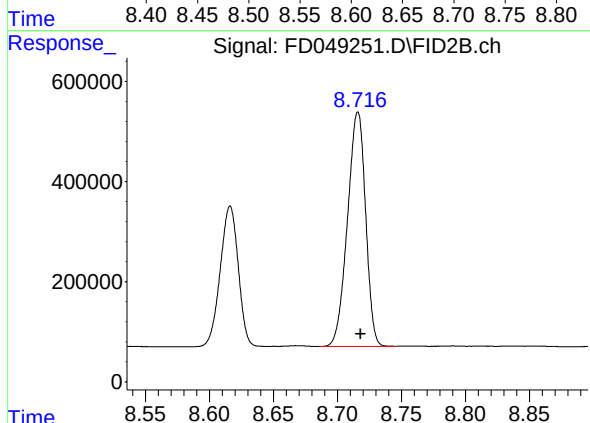
R.T.: 8.421 min
Delta R.T.: -0.002 min
Response: 4777724
Conc: 27.05 ug/ml

Instrument :
FID_D
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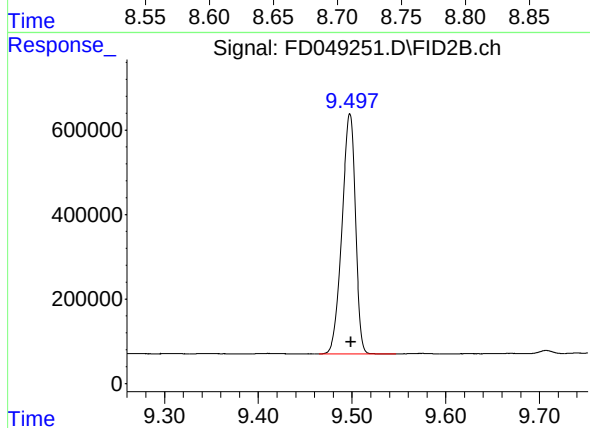
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.616 min
Delta R.T.: -0.003 min
Response: 2752734
Conc: 26.99 ug/ml



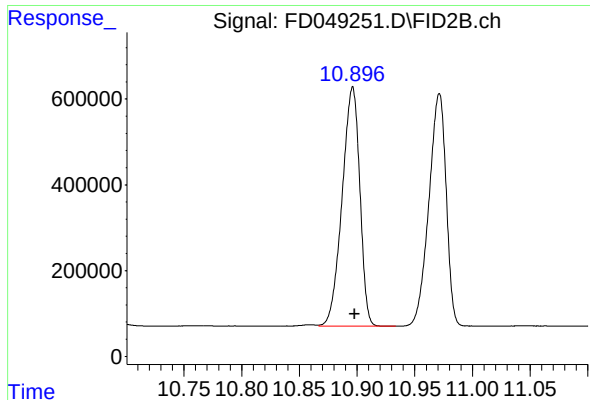
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.002 min
Response: 4616677
Conc: 26.80 ug/ml



#8 Flouorene (C16.55)

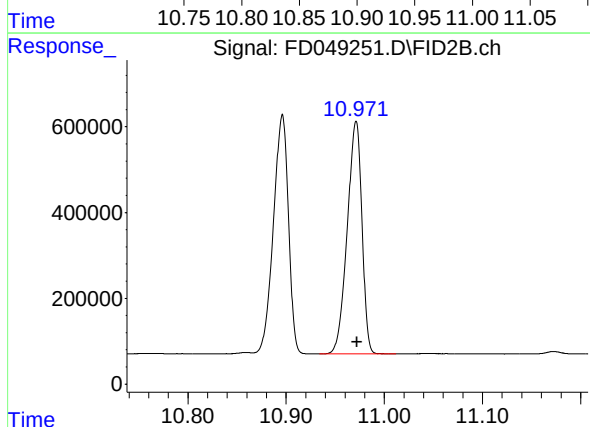
R.T.: 9.498 min
Delta R.T.: -0.001 min
Response: 5678317
Conc: 32.56 ug/ml



#9 Phenanthrene (C19.36)

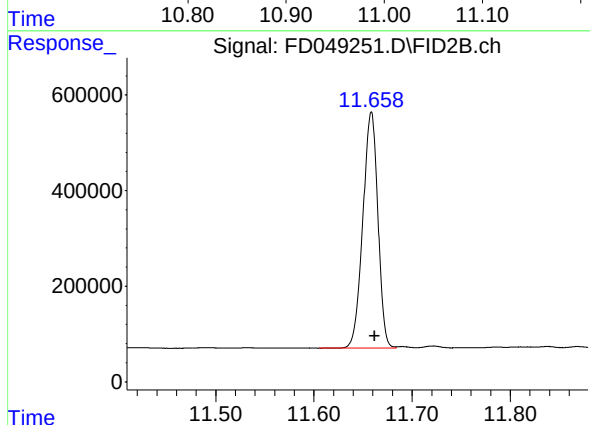
R.T.: 10.896 min
Delta R.T.: -0.002 min
Response: 5943385
Conc: 34.63 ug/ml

Instrument :
FID_D
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B-149-SB01MSD



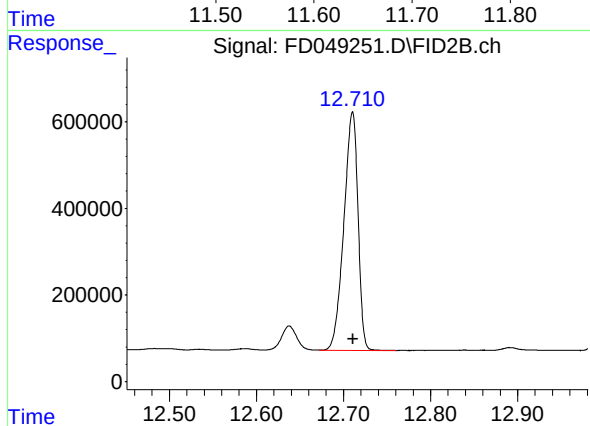
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: 0.000 min
Response: 5647179
Conc: 35.95 ug/ml



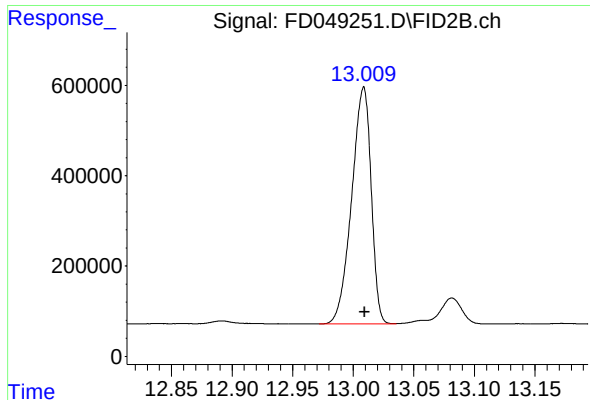
#11 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: -0.004 min
Response: 5266063
Conc: 29.89 ug/ml



#12 Fluoranthene (C21.85)

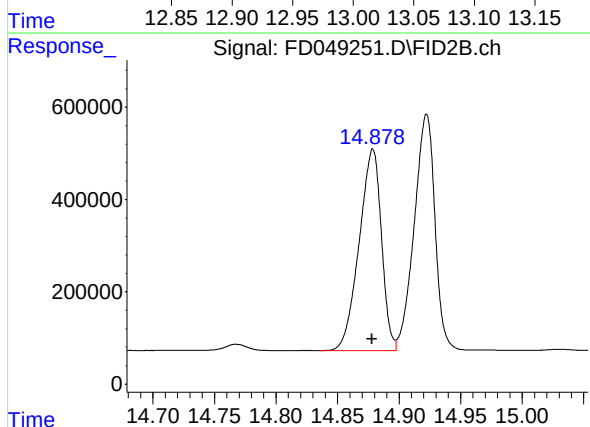
R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 6213968
Conc: 36.76 ug/ml



#13 Pyrene (C20.8)

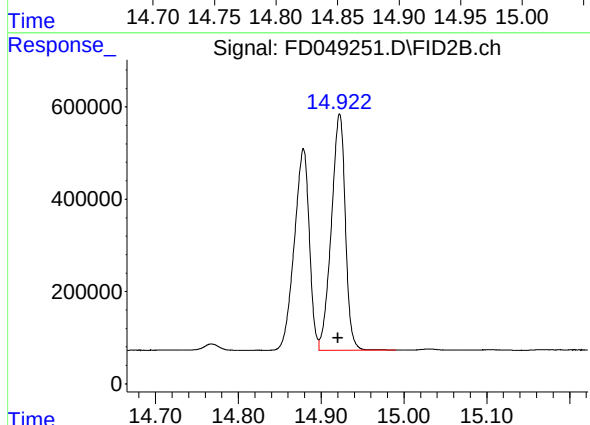
R.T.: 13.009 min
Delta R.T.: 0.000 min
Response: 5871344
Conc: 35.01 ug/ml

Instrument :
FID_D
ClientSampleId :
B-149-SB01MSD



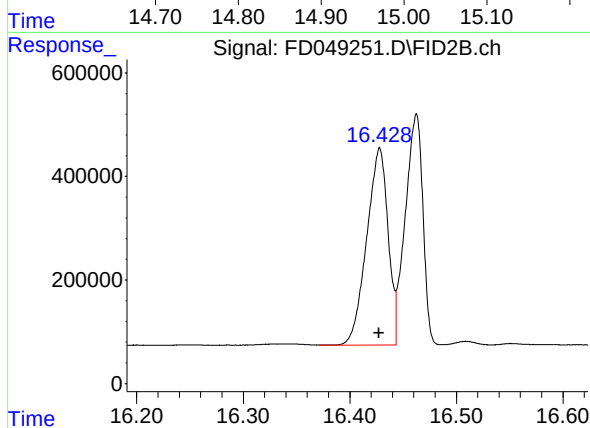
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.879 min
Delta R.T.: 0.000 min
Response: 5495150
Conc: 38.23 ug/ml



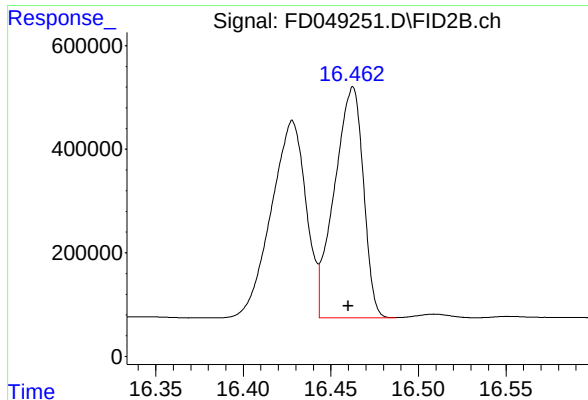
#15 Chrysene (C27.41)

R.T.: 14.922 min
Delta R.T.: 0.002 min
Response: 6019267
Conc: 41.72 ug/ml



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

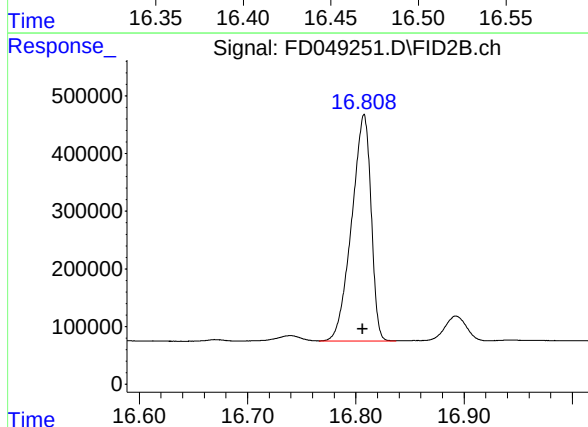
R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 5284297
Conc: 37.98 ug/ml



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

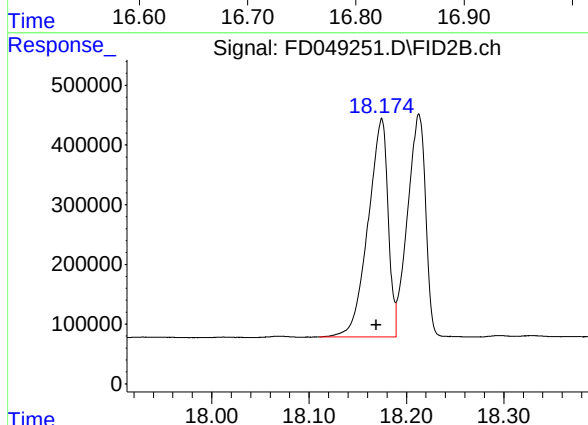
R.T.: 16.462 min
Delta R.T.: 0.002 min
Response: 5132689
Conc: 37.53 ug/ml

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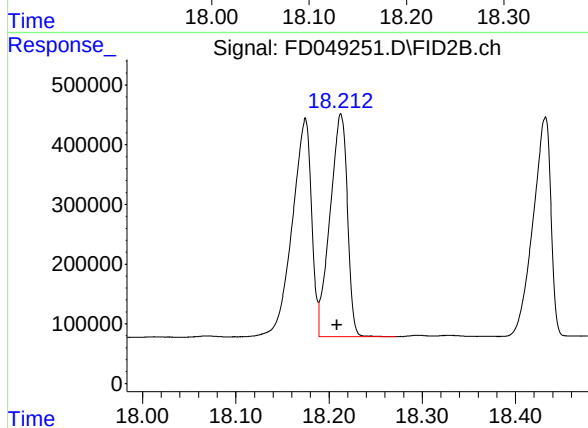
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.808 min
Delta R.T.: 0.001 min
Response: 4877836
Conc: 37.51 ug/ml



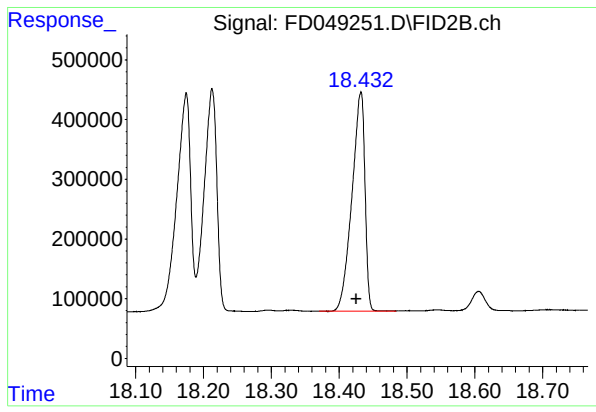
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.175 min
Delta R.T.: 0.005 min
Response: 5233326
Conc: 42.45 ug/ml



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

R.T.: 18.213 min
Delta R.T.: 0.004 min
Response: 4820444
Conc: 38.12 ug/ml



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

R.T.: 18.432 min

Delta R.T.: 0.007 min

Response: 4873551

Conc: 37.33 ug/ml

Instrument :

FID_D

ClientSampleId :

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