

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AR\
 Data File : FD049386.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 09:10
 Operator : YP/AJ
 Sample : PB168132BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168132BS

Integration File: autoint1.e
 Quant Time: May 24 03:01:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.739	7181132	60.564 ug/ml
Spiked Amount 50.000		Recovery =	121.13%
6) S 2-Fluorobiphenyl (SURR)	8.605	5071275	64.216 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	128.43%
11) S ortho-Terphenyl (SURR)	11.652	7803572	56.539 ug/ml
Spiked Amount 50.000		Recovery =	113.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	4146355	33.209 ug/ml
2) T Naphthalene (C11.7)	6.073	5017861	37.955 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	5002537	38.778 ug/ml
5) T Acenaphthylene (C15.06)	8.408	6027139	42.696 ug/ml
7) T Acenaphthene (C15.5)	8.705	6114156	44.625 ug/ml
8) T Flouorene (C16.55)	9.487	6554985	48.158 ug/ml
9) T Phenanthrene (C19.36)	10.886	6819748	50.583 ug/ml
10) T Anthracene (C19.43)	10.961	6641355	56.155 ug/ml
12) T Fluoranthene (C21.85)	12.702	6789906	50.383 ug/ml
13) T Pyrene (C20.8)	13.000	6710176	49.604 ug/ml
14) T Benzo[a]anthracene (C...	14.872	6091687	53.182 ug/ml
15) T Chrysene (C27.41)	14.917	6930906	59.384 ug/ml
16) T benzo[b]fluoranthene ...	16.424	5850422	48.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.459	5795654	48.595 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.805	5541541	48.194 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.171	5675420	51.715 ug/ml
20) T Dibenz[a,h]anthracene...	18.210	5383859	50.976 ug/ml
21) T Benzo[g,h,i]perylene ...	18.428	5301995	44.491 ug/ml

(f)=RT Delta > 1/2 Window

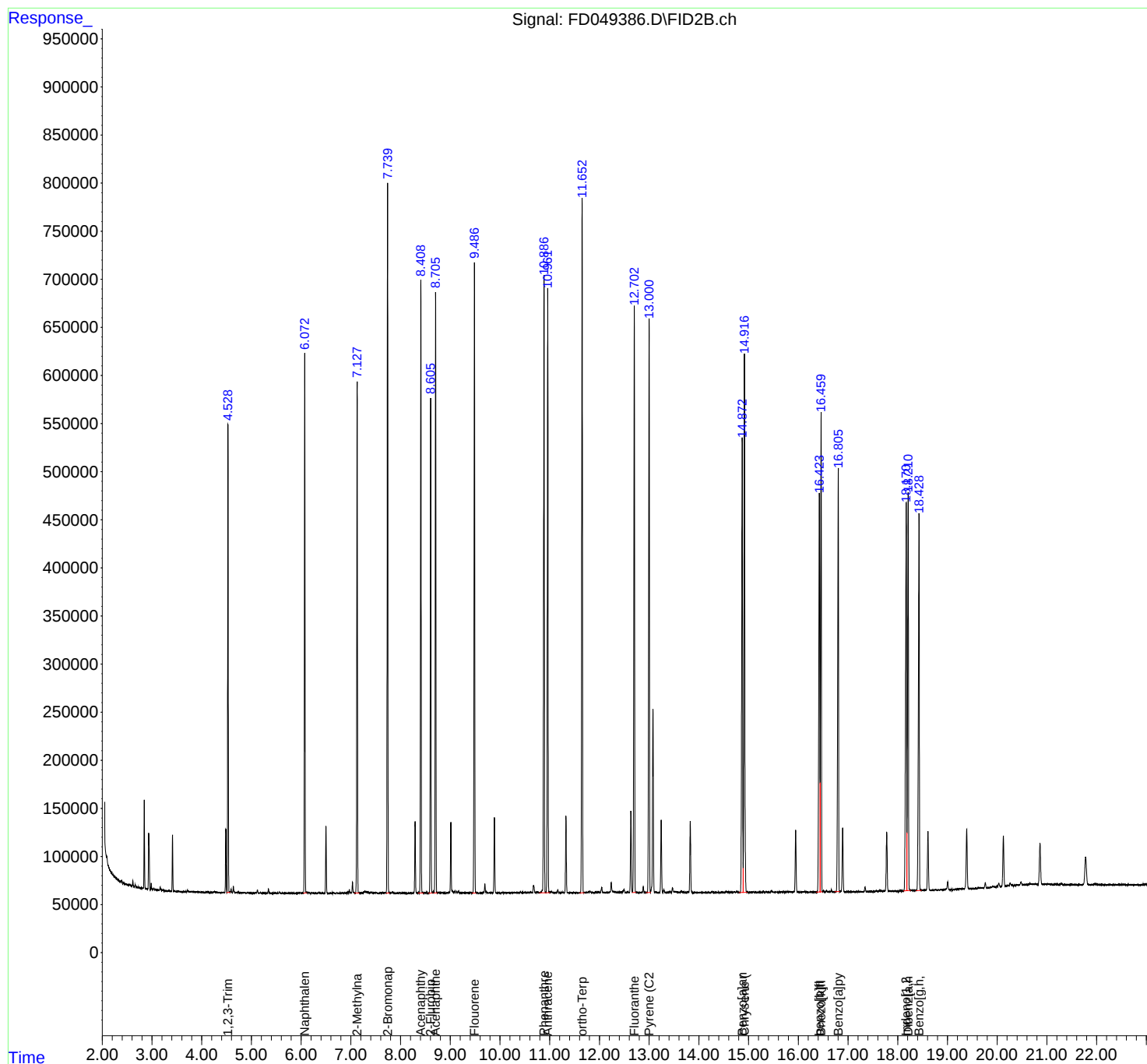
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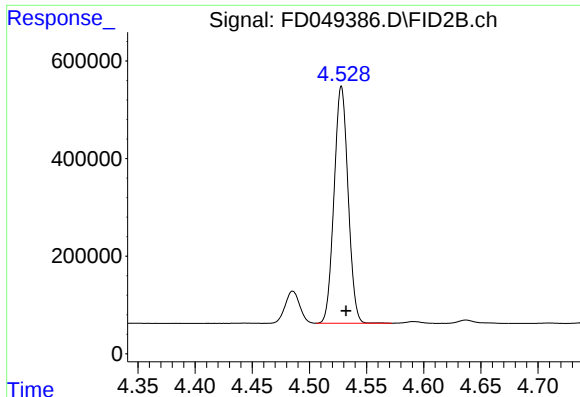
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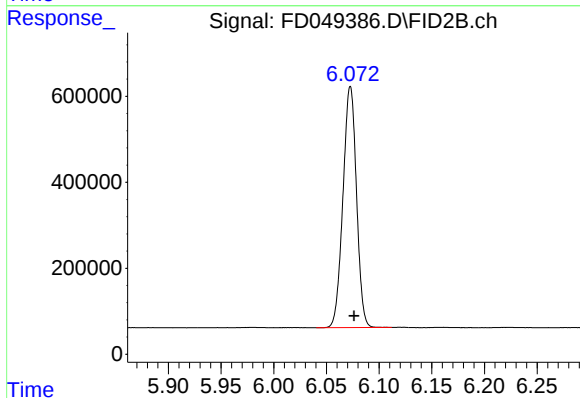




#1 1,2,3-Trimethylbenzene (C10.1)

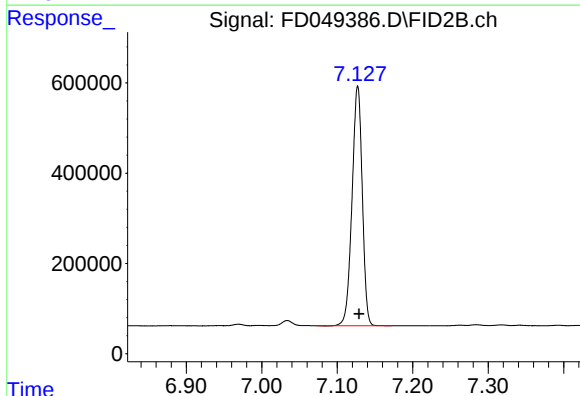
R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 4146355
Conc: 33.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168132BS



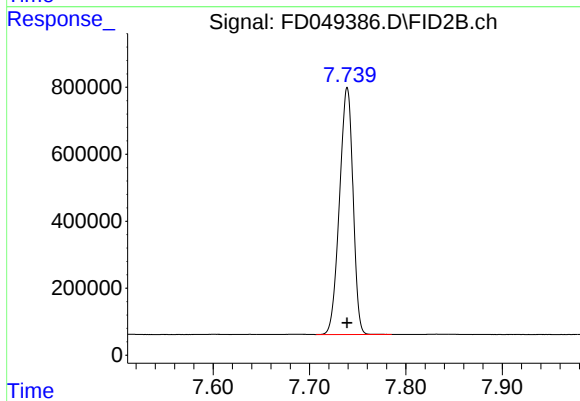
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 5017861
Conc: 37.95 ug/ml



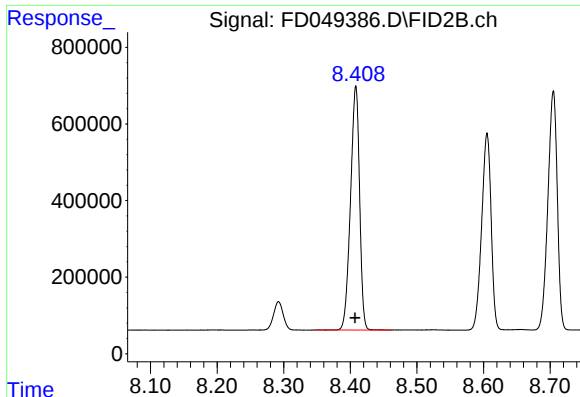
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 5002537
Conc: 38.78 ug/ml



#4 2-Bromonaphthalene (SURR)

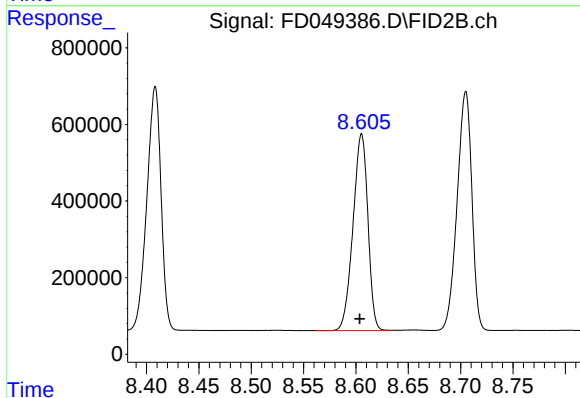
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 7181132
Conc: 60.56 ug/ml



#5 Acenaphthylene (C15.06)

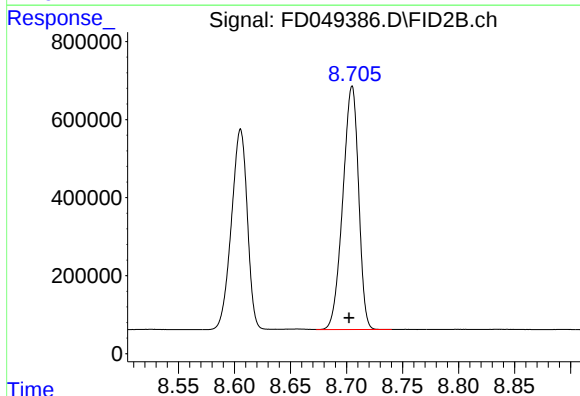
R.T.: 8.408 min
Delta R.T.: 0.001 min
Response: 6027139
Conc: 42.70 ug/ml

Instrument :
FID_D
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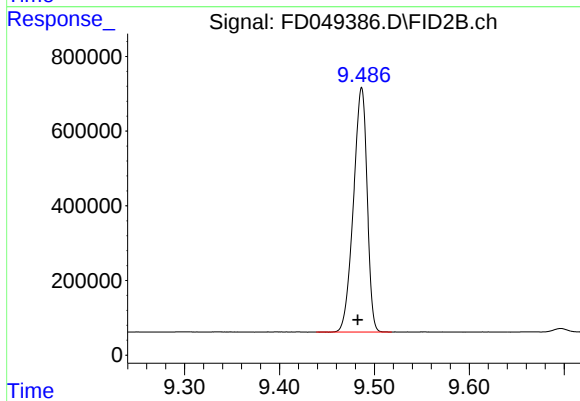
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.002 min
Response: 5071275
Conc: 64.22 ug/ml



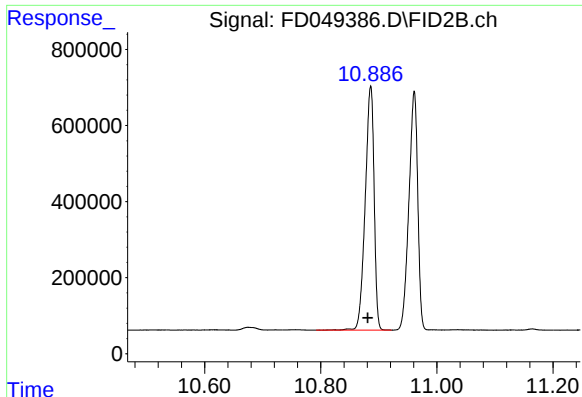
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: 0.003 min
Response: 6114156
Conc: 44.62 ug/ml



#8 Fluorene (C16.55)

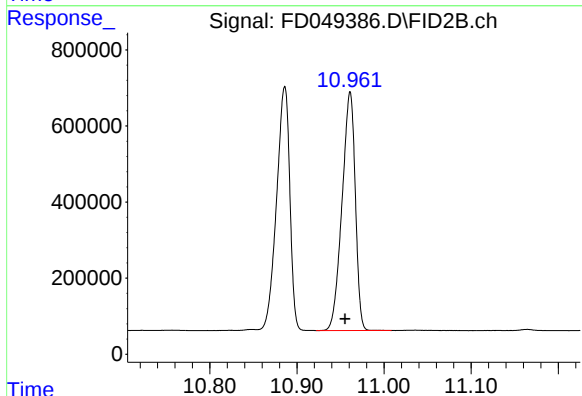
R.T.: 9.487 min
Delta R.T.: 0.004 min
Response: 6554985
Conc: 48.16 ug/ml



#9 Phenanthrene (C19.36)

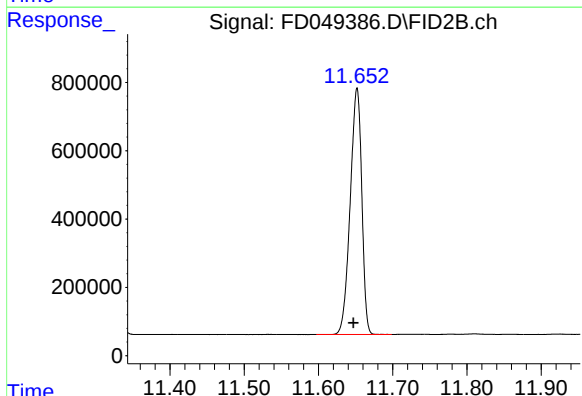
R.T.: 10.886 min
Delta R.T.: 0.005 min
Response: 6819748
Conc: 50.58 ug/ml

Instrument :
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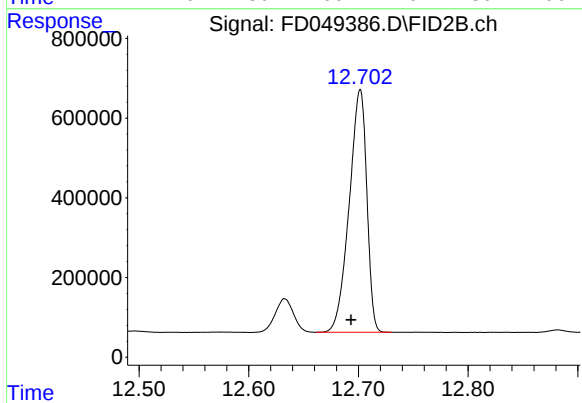
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: 0.006 min
Response: 6641355
Conc: 56.15 ug/ml



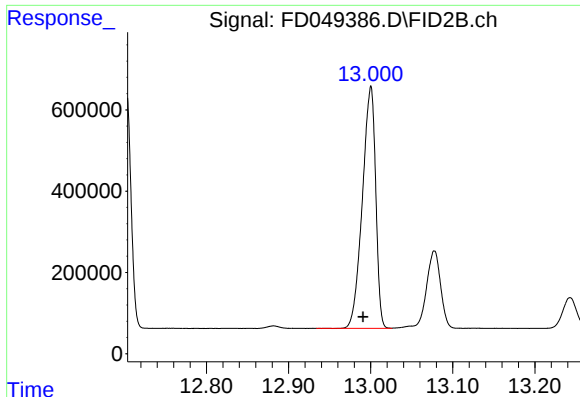
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.005 min
Response: 7803572
Conc: 56.54 ug/ml



#12 Fluoranthene (C21.85)

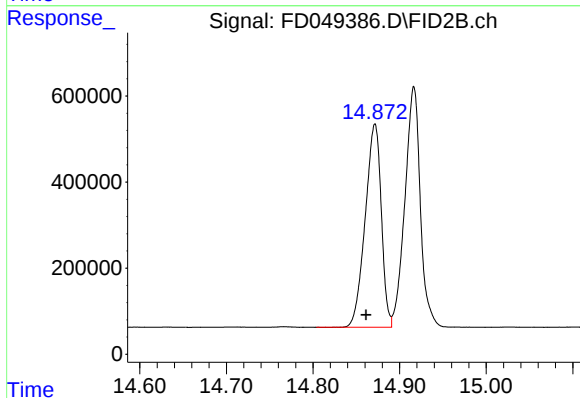
R.T.: 12.702 min
Delta R.T.: 0.008 min
Response: 6789906
Conc: 50.38 ug/ml



#13 Pyrene (C20.8)

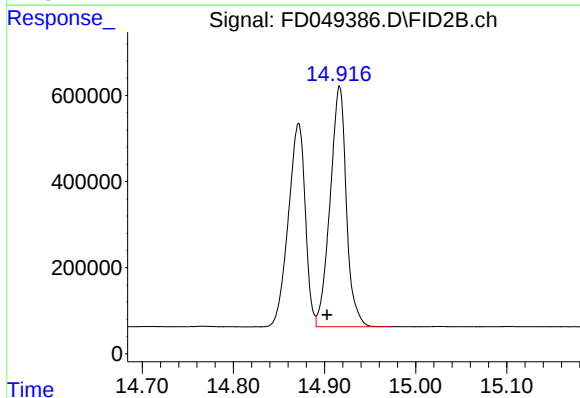
R.T.: 13.000 min
Delta R.T.: 0.009 min
Response: 6710176
Conc: 49.60 ug/ml

Instrument :
FID_D
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PB168132BS



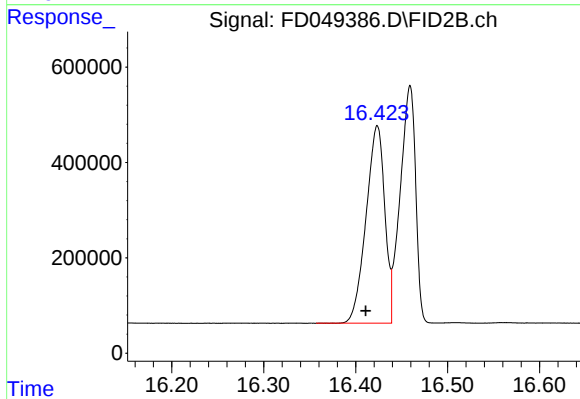
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: 0.010 min
Response: 6091687
Conc: 53.18 ug/ml



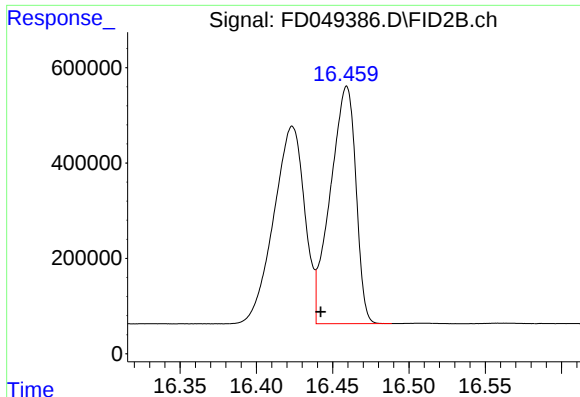
#15 Chrysene (C27.41)

R.T.: 14.917 min
Delta R.T.: 0.014 min
Response: 6930906
Conc: 59.38 ug/ml



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

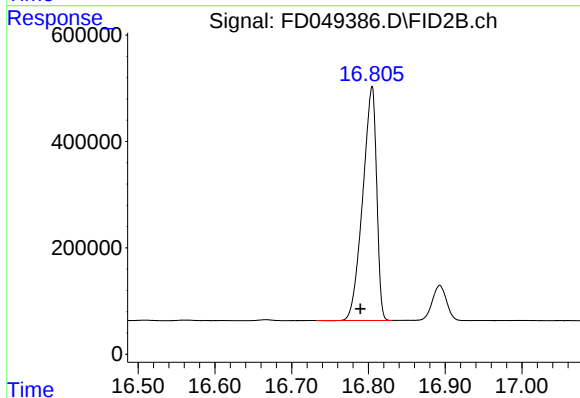
R.T.: 16.424 min
Delta R.T.: 0.012 min
Response: 5850422
Conc: 48.20 ug/ml



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

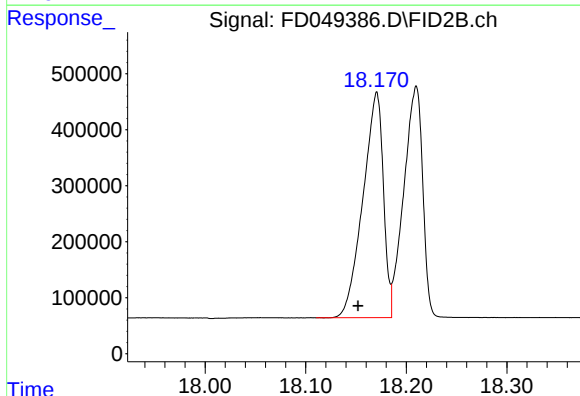
R.T.: 16.459 min
Delta R.T.: 0.017 min
Response: 5795654
Conc: 48.60 ug/ml

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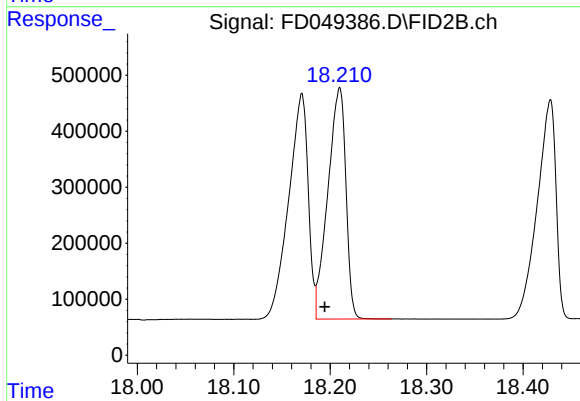
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.805 min
Delta R.T.: 0.015 min
Response: 5541541
Conc: 48.19 ug/ml



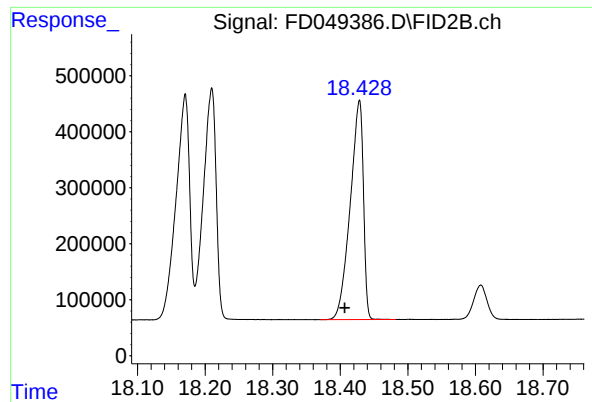
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.171 min
Delta R.T.: 0.018 min
Response: 5675420
Conc: 51.72 ug/ml



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

R.T.: 18.210 min
Delta R.T.: 0.015 min
Response: 5383859
Conc: 50.98 ug/ml



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

R.T.: 18.428 min
Delta R.T.: 0.022 min
Response: 5301995
Conc: 44.49 ug/ml

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