

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049142.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 18:56
 Operator : YP/AJ
 Sample : Q1421-02
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CLAY-CF01-01MS

Integration File: autoint1.e
 Quant Time: Mar 01 02:21:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.352	8441841	58.989 ug/ml
Spiked Amount 50.000		Recovery =	117.98%
6) S 2-Fluorobiphenyl (SURR)	8.203	5467908	62.198 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.40%
11) S ortho-Terphenyl (SURR)	11.234	5392113	33.331 ug/ml
Spiked Amount 50.000		Recovery =	66.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	7161833	44.971 ug/ml
2) T Naphthalene (C11.7)	5.693	7880512	49.629 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	7723846	49.609 ug/ml
5) T Acenaphthylene (C15.06)	8.005	9044713	55.624 ug/ml
7) T Acenaphthene (C15.5)	8.300	9678387	58.832 ug/ml
8) T Fluorene (C16.55)	9.079	9845850	62.454 ug/ml
9) T Phenanthrene (C19.36)	10.468	10158364	67.407 ug/ml
10) T Anthracene (C19.43)	10.543	10371977	68.676 ug/ml
12) T Fluoranthene (C21.85)	12.273	10603708	68.715 ug/ml
13) T Pyrene (C20.8)	12.566	10302701	66.875 ug/ml
14) T Benzo[a]anthracene (C...	14.438	9819357	74.734 ug/ml
15) T Chrysene (C27.41)	14.480	9593320	59.333 ug/ml
16) T benzo[b]fluoranthene ...	15.988	9767406	70.987 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	9783217	61.942 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	9405556	69.293 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	9336608	85.440 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	9340051	60.204 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	9206882	63.517 ug/ml

(f)=RT Delta > 1/2 Window

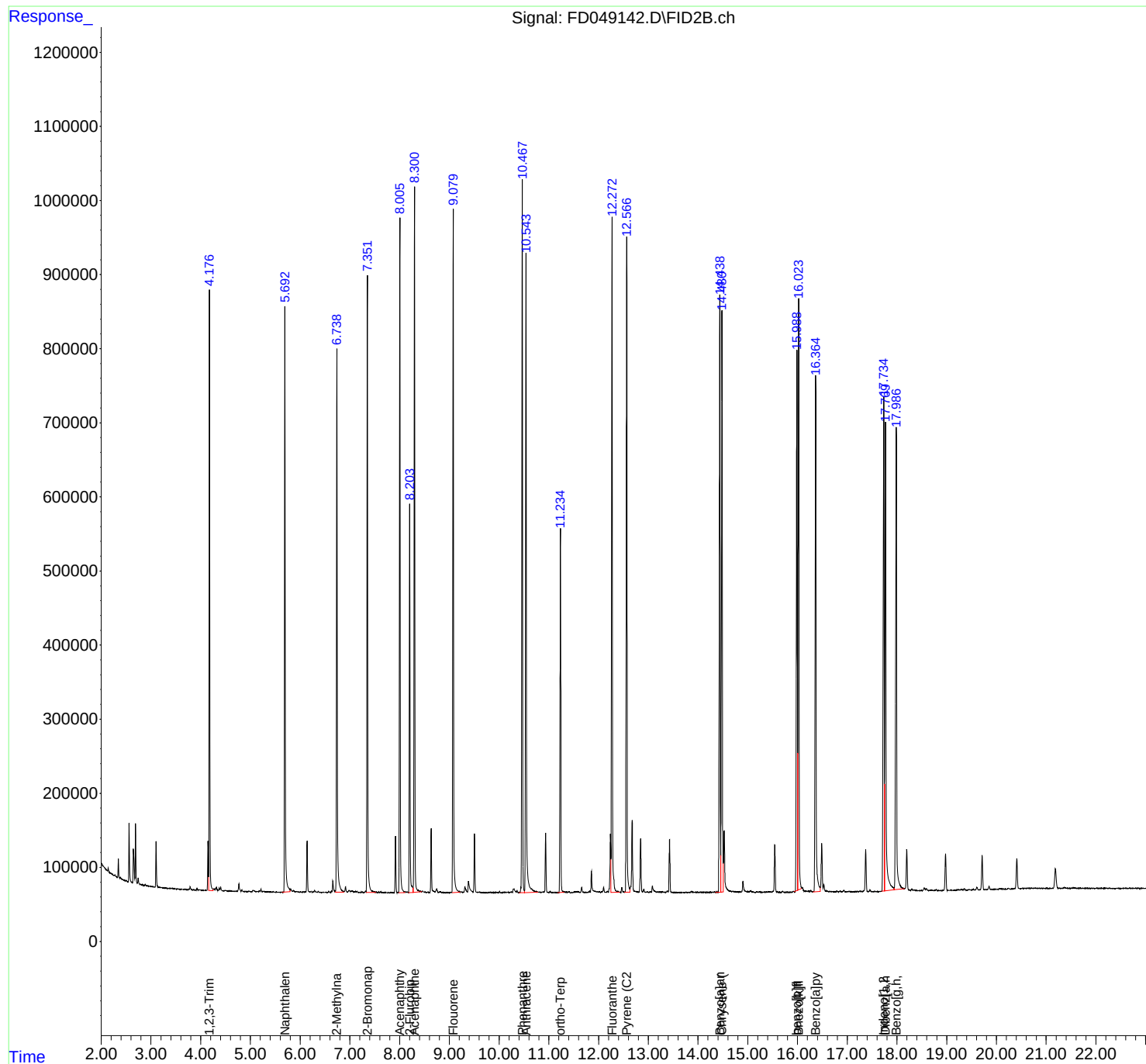
(m)=manual int.

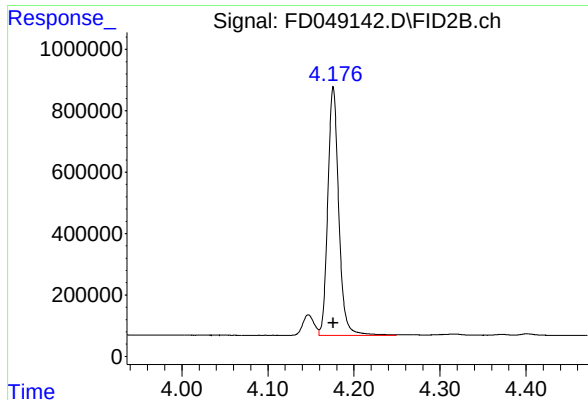
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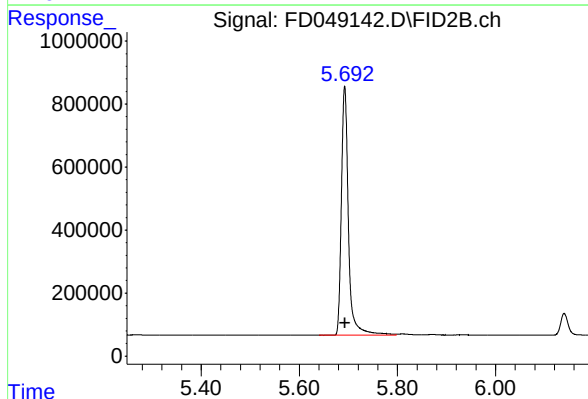




#1 1,2,3-Trimethylbenzene (C10.1)

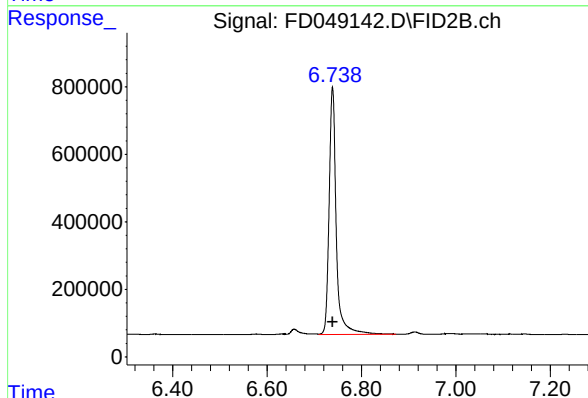
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 7161833
Conc: 44.97 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CLAY-CF01-01MS



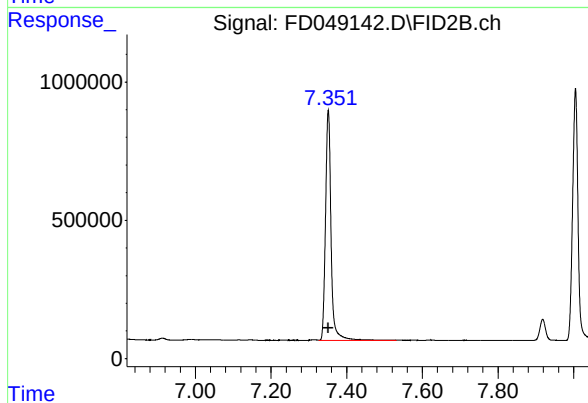
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 7880512
Conc: 49.63 ug/ml



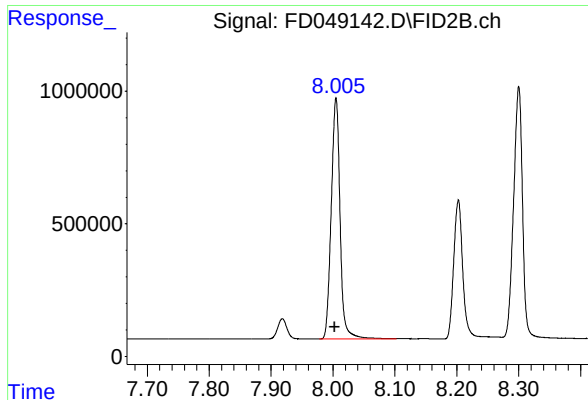
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 7723846
Conc: 49.61 ug/ml



#4 2-Bromonaphthalene (SURR)

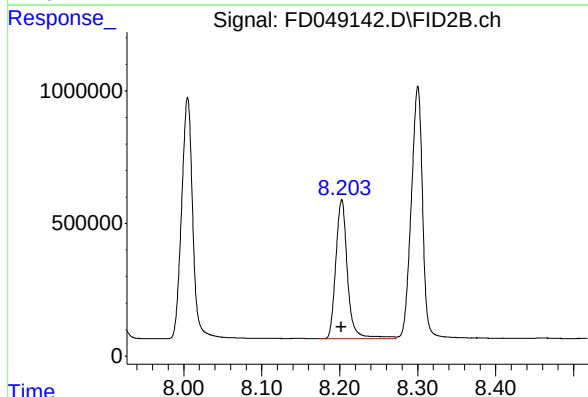
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 8441841
Conc: 58.99 ug/ml



#5 Acenaphthylene (C15.06)

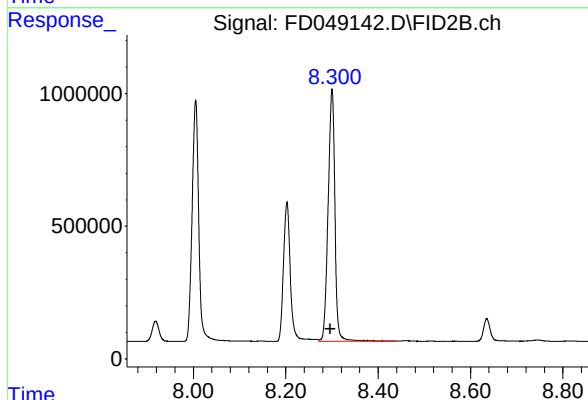
R.T.: 8.005 min
Delta R.T.: 0.002 min
Response: 9044713
Conc: 55.62 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CLAY-CF01-01MS



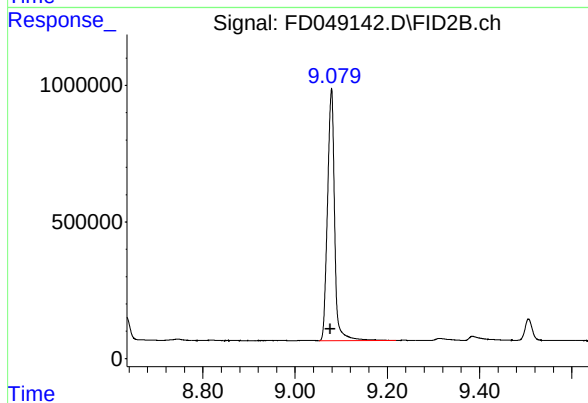
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 5467908
Conc: 62.20 ug/ml



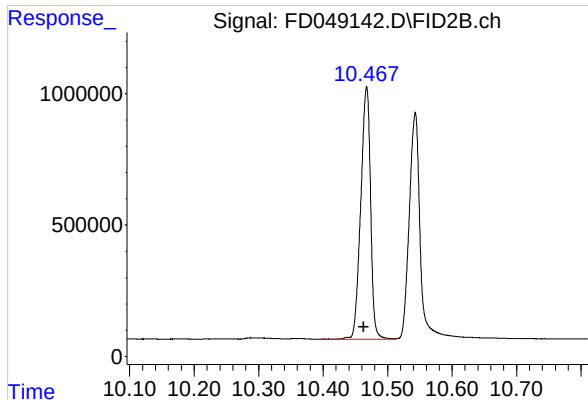
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 9678387
Conc: 58.83 ug/ml



#8 Flouorene (C16.55)

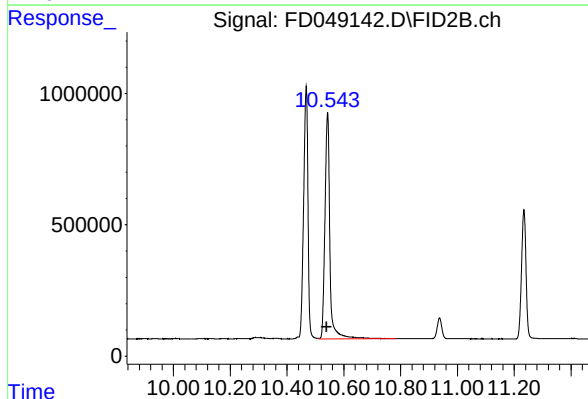
R.T.: 9.079 min
Delta R.T.: 0.003 min
Response: 9845850
Conc: 62.45 ug/ml



#9 Phenanthrene (C19.36)

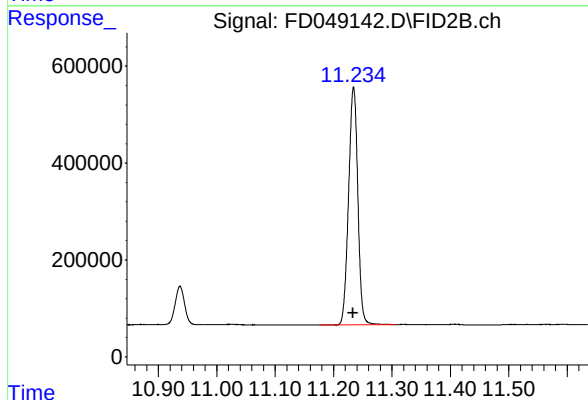
R.T.: 10.468 min
Delta R.T.: 0.005 min
Response: 10158364
Conc: 67.41 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CLAY-CF01-01MS



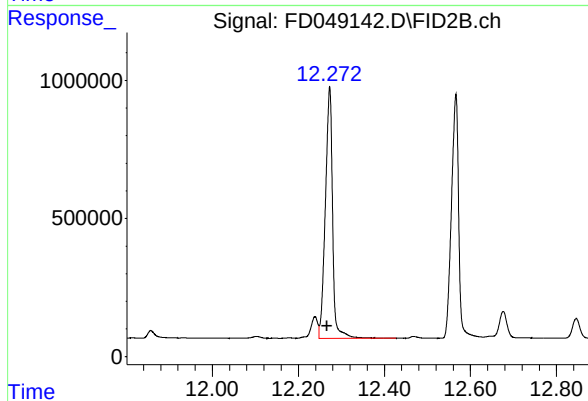
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.003 min
Response: 10371977
Conc: 68.68 ug/ml



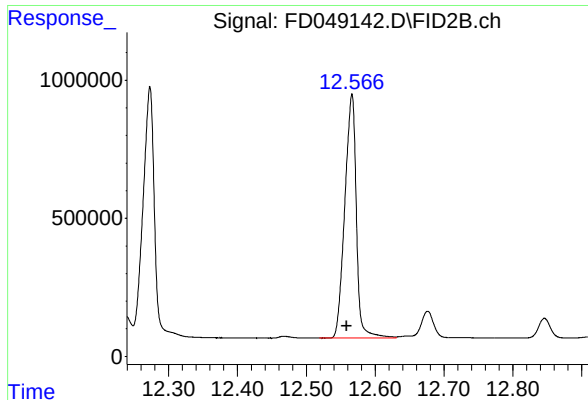
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.001 min
Response: 5392113
Conc: 33.33 ug/ml



#12 Fluoranthene (C21.85)

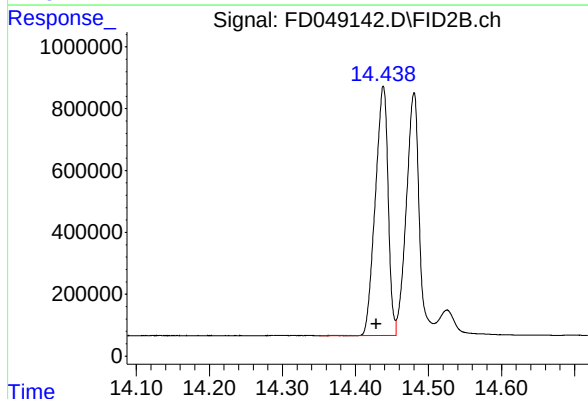
R.T.: 12.273 min
Delta R.T.: 0.006 min
Response: 10603708
Conc: 68.71 ug/ml



#13 Pyrene (C20.8)

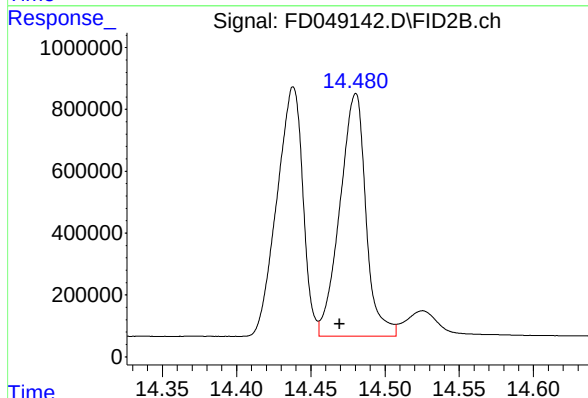
R.T.: 12.566 min
Delta R.T.: 0.008 min
Response: 10302701
Conc: 66.88 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CLAY-CF01-01MS



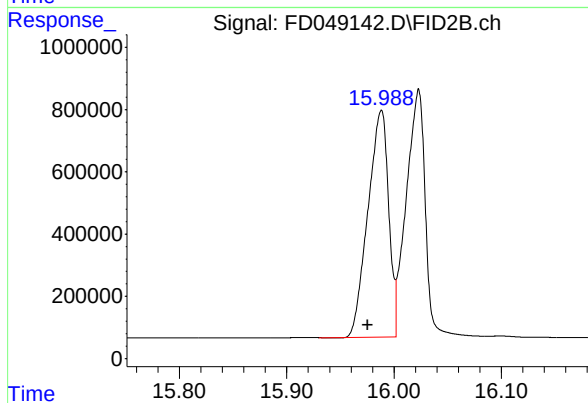
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.438 min
Delta R.T.: 0.010 min
Response: 9819357
Conc: 74.73 ug/ml



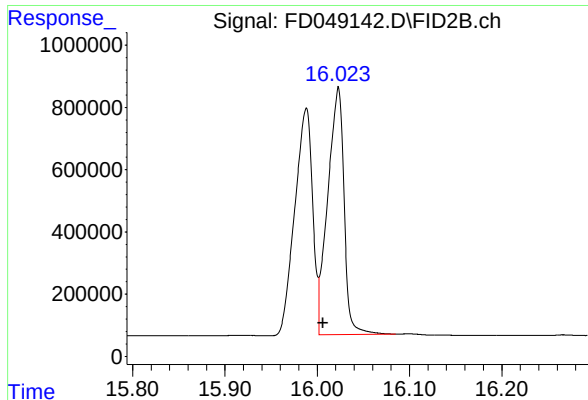
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.011 min
Response: 9593320
Conc: 59.33 ug/ml



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

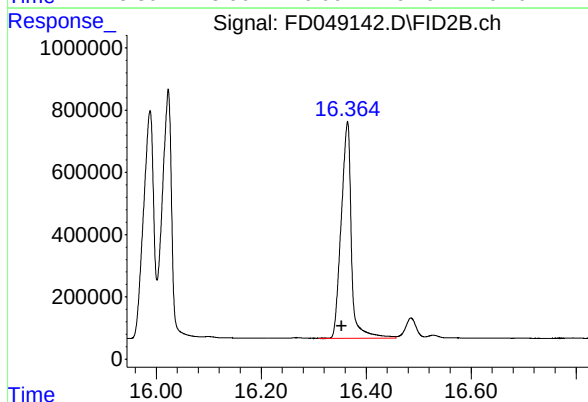
R.T.: 15.988 min
Delta R.T.: 0.013 min
Response: 9767406
Conc: 70.99 ug/ml



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

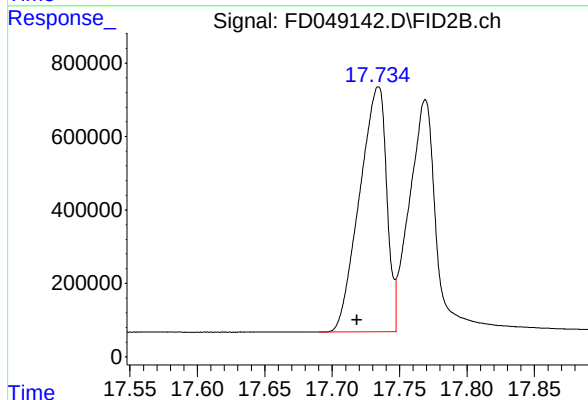
R.T.: 16.023 min
Delta R.T.: 0.017 min
Response: 9783217
Conc: 61.94 ug/ml

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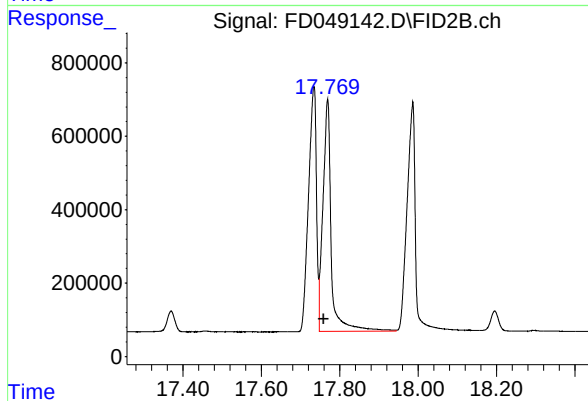
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: 0.011 min
Response: 9405556
Conc: 69.29 ug/ml



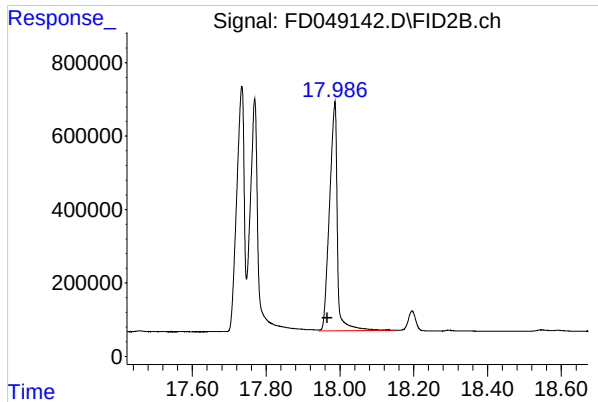
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: 0.016 min
Response: 9336608
Conc: 85.44 ug/ml



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

R.T.: 17.769 min
Delta R.T.: 0.010 min
Response: 9340051
Conc: 60.20 ug/ml



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

R.T.: 17.986 min

Delta R.T.: 0.020 min

Response: 9206882

Conc: 63.52 ug/ml

Instrument :

FID_D

ClientSampleId :

P001-CLAY-CF01-01MS