

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040824AR\
 Data File : FD047486.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2024 10:49
 Operator : YP/AJ
 Sample : PB160075BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 01:41:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 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...	7.461	9820314	65.687 ug/ml
Spiked Amount 50.000		Recovery =	131.37%
6) S 2-Fluorobiphenyl (SURR)	8.313	5083873	52.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.06%
11) S ortho-Terphenyl (SURR)	11.351	9658598	56.343 ug/ml
Spiked Amount 50.000		Recovery =	112.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	6428848	40.685 ug/ml
2) T Naphthalene (C11.7)	5.799	7651922	46.760 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	8078673	49.116 ug/ml
5) T Acenaphthylene (C15.06)	8.118	8779116	58.163 ug/ml
7) T Acenaphthene (C15.5)	8.413	8536080	53.296 ug/ml
8) T Fluorene (C16.55)	9.192	9076770	58.673 ug/ml
9) T Phenanthrene (C19.36)	10.581	9287515	62.424 ug/ml
10) T Anthracene (C19.43)	10.656	8913494	65.537 ug/ml
12) T Fluoranthene (C21.85)	12.385	9455979	63.965 ug/ml
13) T Pyrene (C20.8)	12.680	9582528	66.397 ug/ml
14) T Benzo[a]anthracene (C...	14.545	8931304	67.912 ug/ml
15) T Chrysene (C27.41)	14.591	8949633	63.468 ug/ml
16) T benzo[b]fluoranthene ...	16.090	8973682	64.322 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	8875387	63.811 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	8656540	63.047 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	9237834	68.484 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	8451652	62.885 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	8399293	60.518 ug/ml

(f)=RT Delta > 1/2 Window

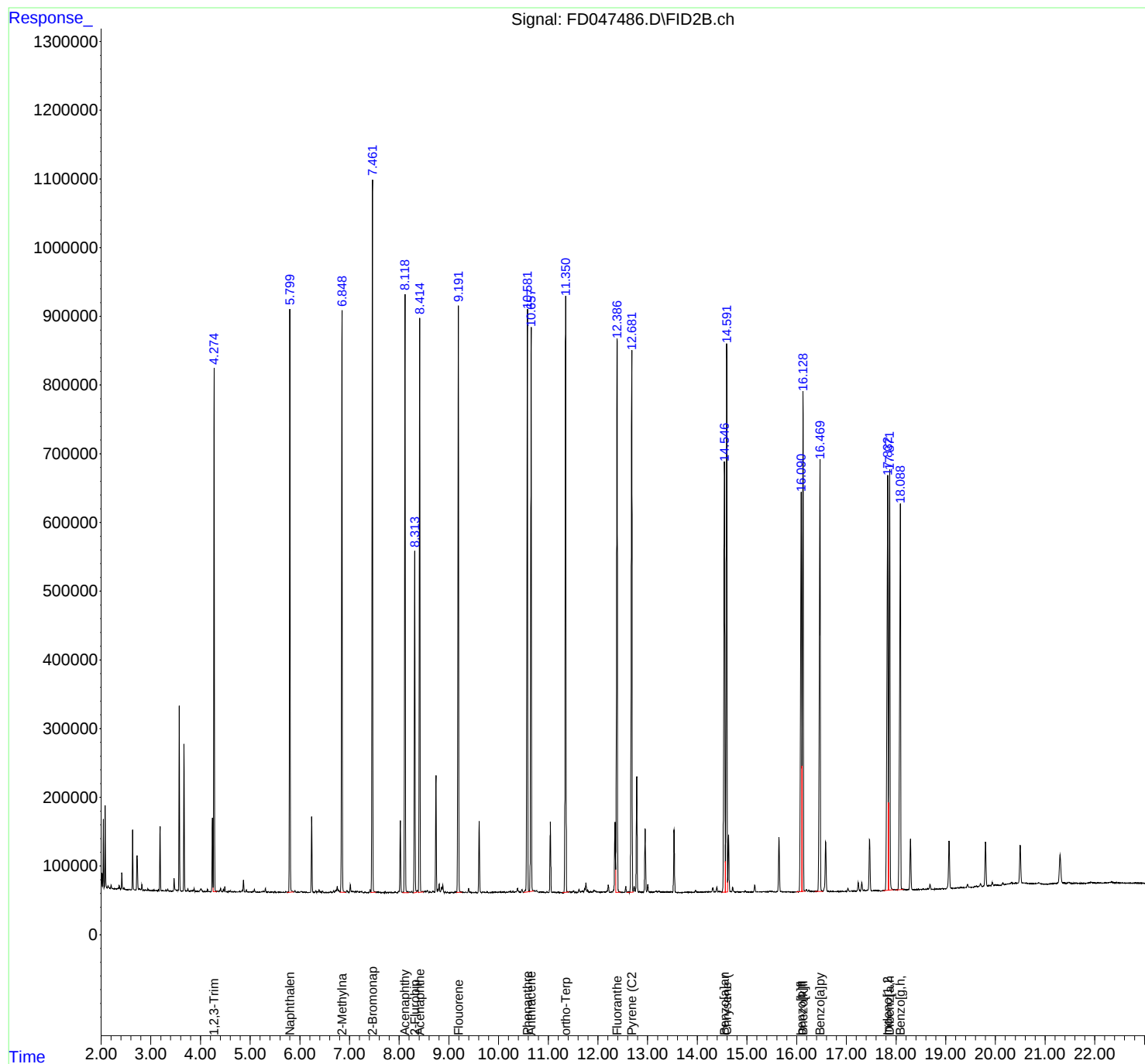
(m)=manual int.

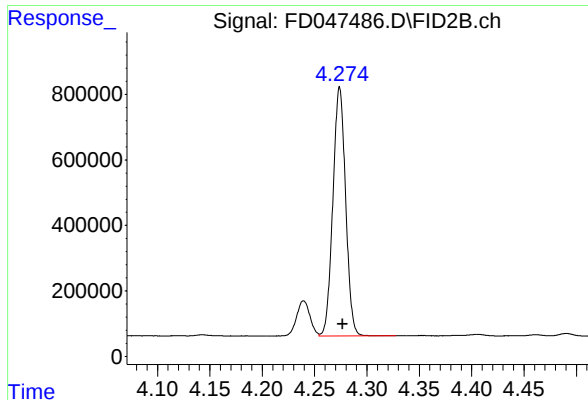
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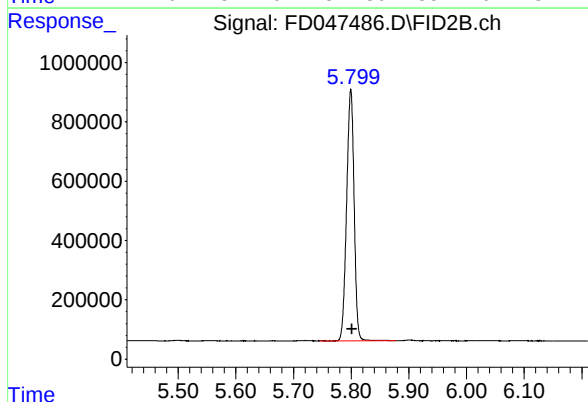




#1 1,2,3-Trimethylbenzene (C10.1)

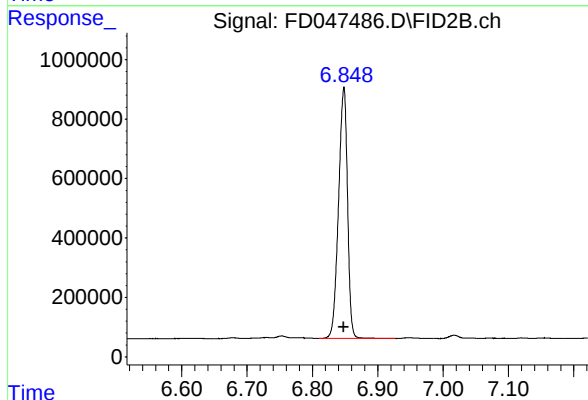
R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 6428848
Conc: 40.69 ug/ml

Instrument :
FID_D
ClientSampleId :



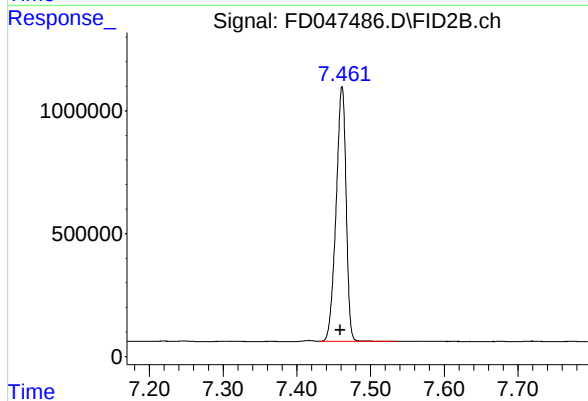
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 7651922
Conc: 46.76 ug/ml



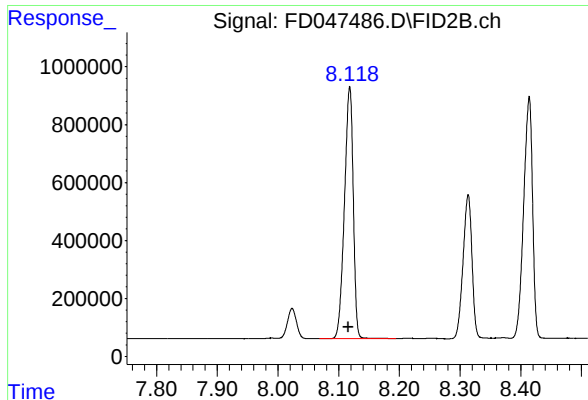
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 8078673
Conc: 49.12 ug/ml



#4 2-Bromonaphthalene (SURR)

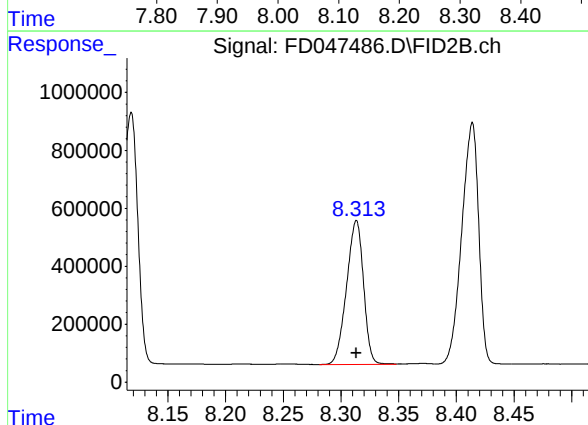
R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 9820314
Conc: 65.69 ug/ml



#5 Acenaphthylene (C15.06)

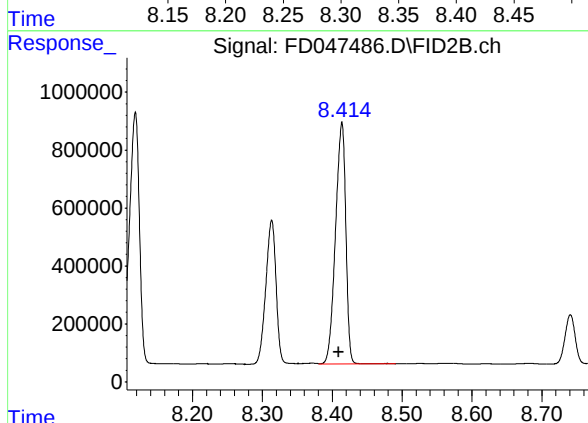
R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 8779116
Conc: 58.16 ug/ml

Instrument :
FID_D
ClientSampleId :



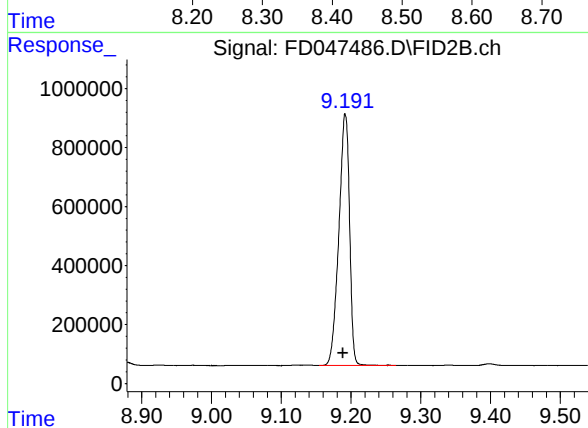
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 5083873
Conc: 52.03 ug/ml



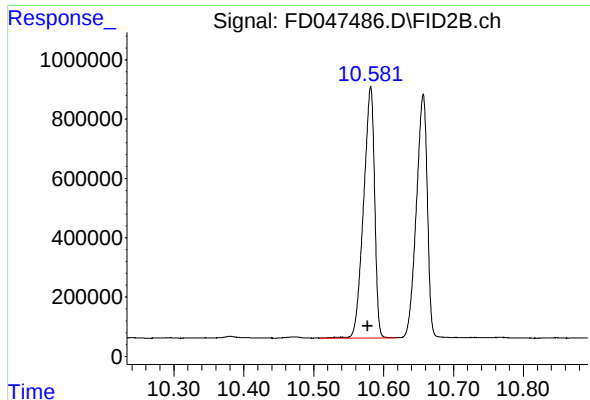
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.004 min
Response: 8536080
Conc: 53.30 ug/ml



#8 Flouorene (C16.55)

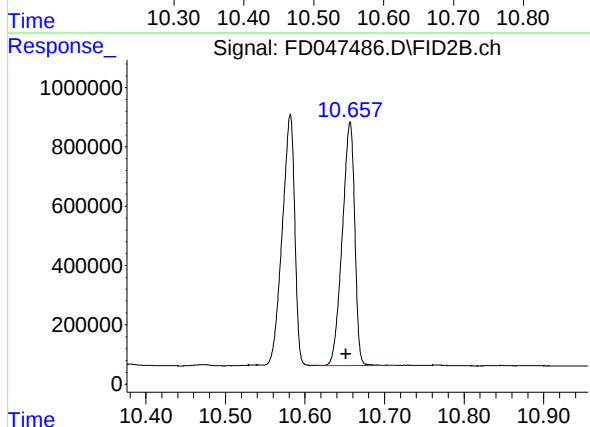
R.T.: 9.192 min
Delta R.T.: 0.003 min
Response: 9076770
Conc: 58.67 ug/ml



#9 Phenanthrene (C19.36)

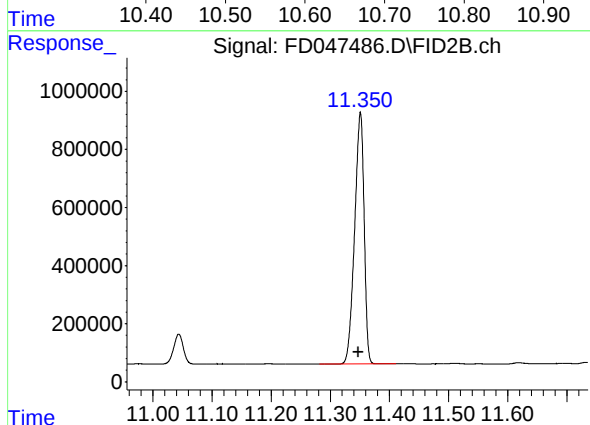
R.T.: 10.581 min
Delta R.T.: 0.004 min
Response: 9287515
Conc: 62.42 ug/ml

Instrument :
FID_D
ClientSampleId :



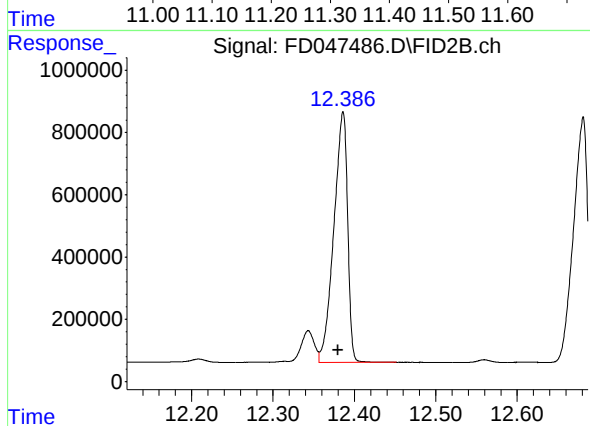
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.005 min
Response: 8913494
Conc: 65.54 ug/ml



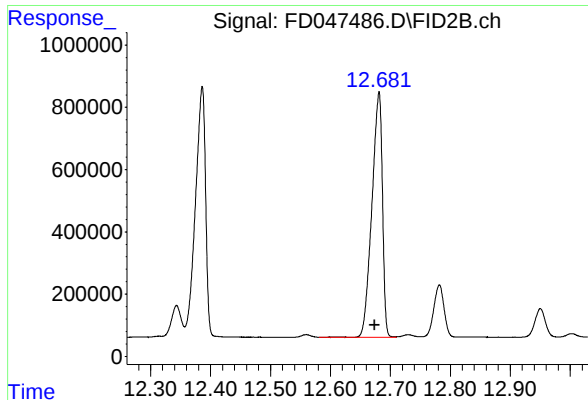
#11 ortho-Terphenyl (SURRE)

R.T.: 11.351 min
Delta R.T.: 0.003 min
Response: 9658598
Conc: 56.34 ug/ml



#12 Fluoranthene (C21.85)

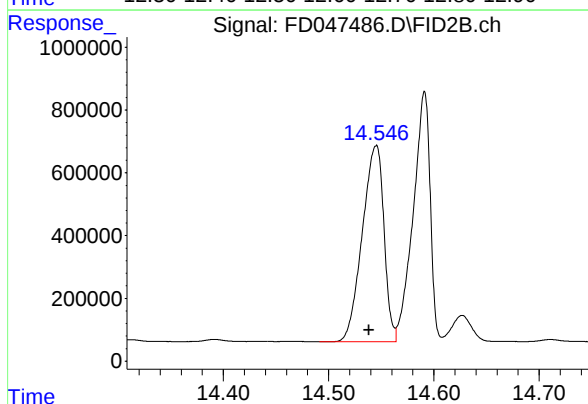
R.T.: 12.385 min
Delta R.T.: 0.006 min
Response: 9455979
Conc: 63.97 ug/ml



#13 Pyrene (C20.8)

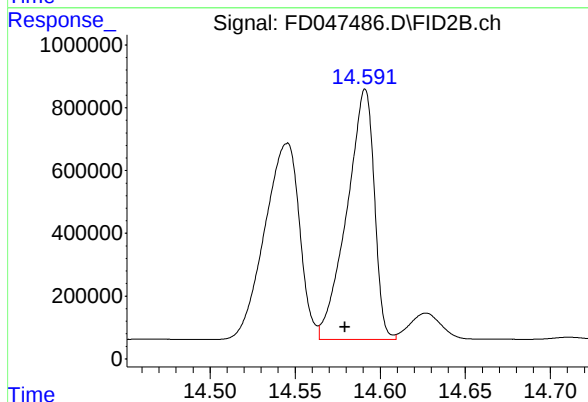
R.T.: 12.680 min
Delta R.T.: 0.006 min
Response: 9582528
Conc: 66.40 ug/ml

Instrument :
FID_D
ClientSampleId :



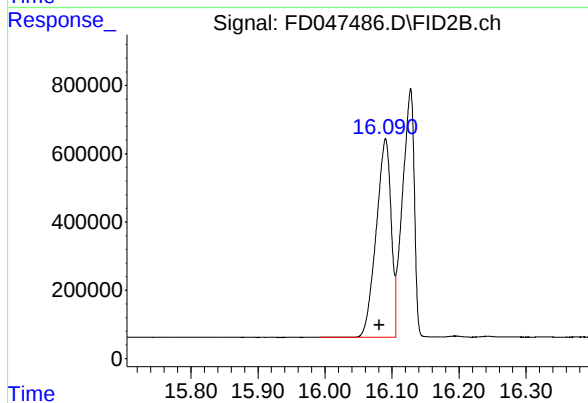
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.006 min
Response: 8931304
Conc: 67.91 ug/ml



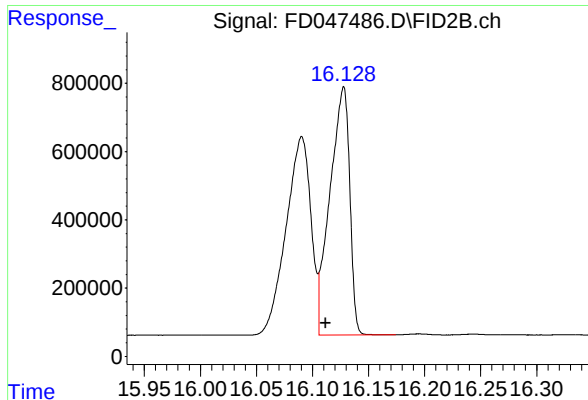
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.011 min
Response: 8949633
Conc: 63.47 ug/ml



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

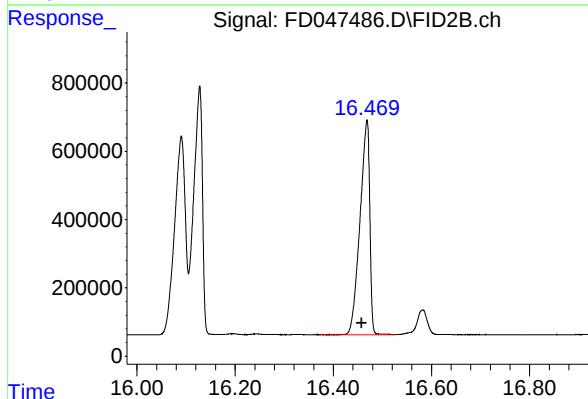
R.T.: 16.090 min
Delta R.T.: 0.009 min
Response: 8973682
Conc: 64.32 ug/ml



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

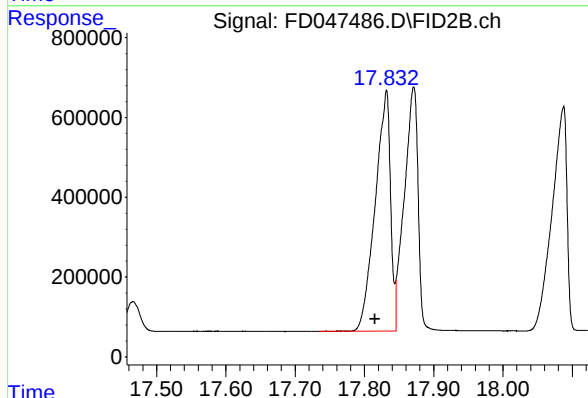
R.T.: 16.127 min
Delta R.T.: 0.015 min
Response: 8875387
Conc: 63.81 ug/ml

Instrument :
FID_D
ClientSampleId :



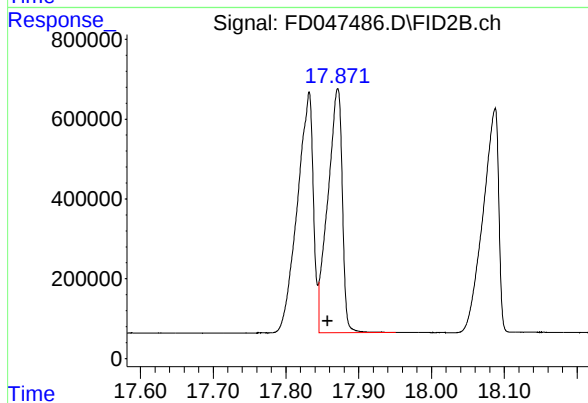
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.467 min
Delta R.T.: 0.010 min
Response: 8656540
Conc: 63.05 ug/ml



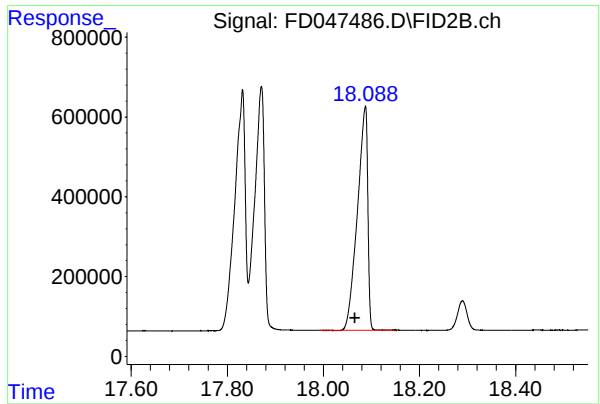
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: 0.015 min
Response: 9237834
Conc: 68.48 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.013 min
Response: 8451652
Conc: 62.89 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.021 min
Response: 8399293
Conc: 60.52 ug/ml

Instrument :
FID_D
ClientSampleId :