

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040824AR\
 Data File : FD047499.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2024 19:37
 Operator : YP/AJ
 Sample : P2005-04MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 01:43:23 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...	7.459	8957472	59.916 ug/ml
Spiked Amount 50.000		Recovery =	119.83%
6) S 2-Fluorobiphenyl (SURR)	8.313	5484467	56.131 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.26%
11) S ortho-Terphenyl (SURR)	11.347	6683009	38.985 ug/ml
Spiked Amount 50.000		Recovery =	77.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	6478934	41.002 ug/ml
2) T Naphthalene (C11.7)	5.799	7851607	47.981 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	8402693	51.086 ug/ml
5) T Acenaphthylene (C15.06)	8.116	8660053	57.374 ug/ml
7) T Acenaphthene (C15.5)	8.412	8712295	54.396 ug/ml
8) T Fluorene (C16.55)	9.191	8934780	57.755 ug/ml
9) T Phenanthrene (C19.36)	10.580	8909361	59.882 ug/ml
10) T Anthracene (C19.43)	10.655	8673197	63.770 ug/ml
12) T Fluoranthene (C21.85)	12.384	8825837	59.703 ug/ml
13) T Pyrene (C20.8)	12.678	8880267	61.531 ug/ml
14) T Benzo[a]anthracene (C...	14.543	8263658	62.835 ug/ml
15) T Chrysene (C27.41)	14.588	8154197	57.827 ug/ml
16) T benzo[b]fluoranthene ...	16.088	8316251	59.609 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	8099180	58.230 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	7917547	57.665 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	8709150	64.565 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	7900626	58.785 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	7794133	56.158 ug/ml

(f)=RT Delta > 1/2 Window

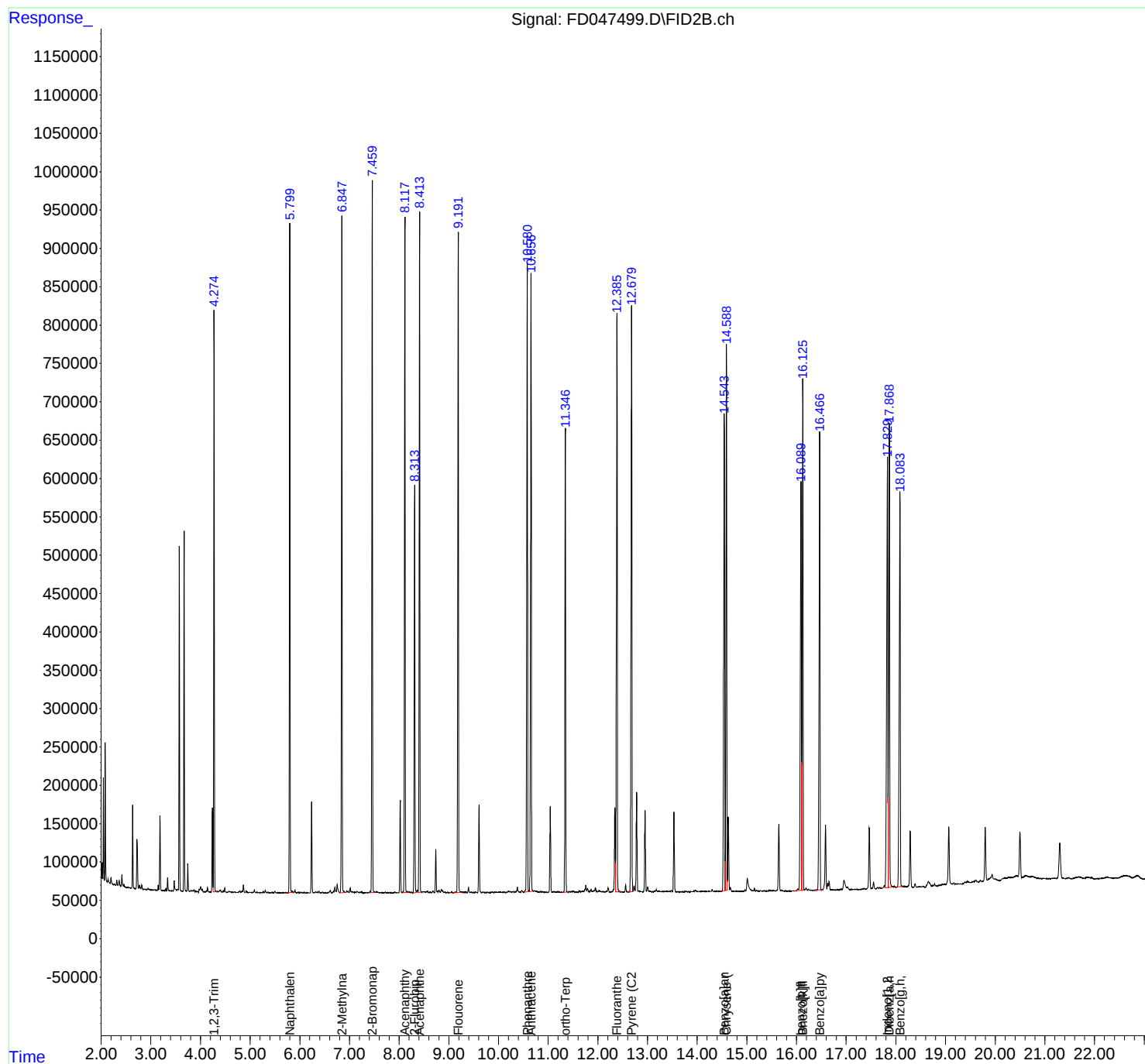
(m)=manual int.

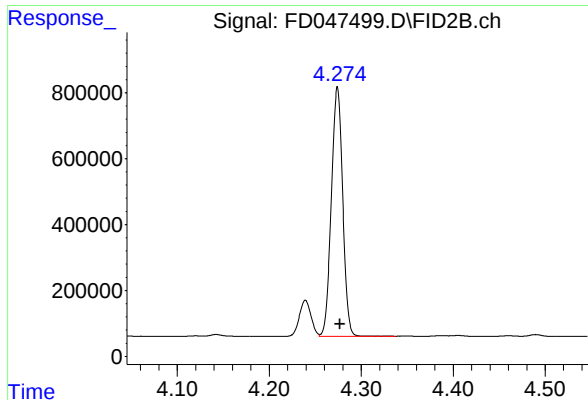
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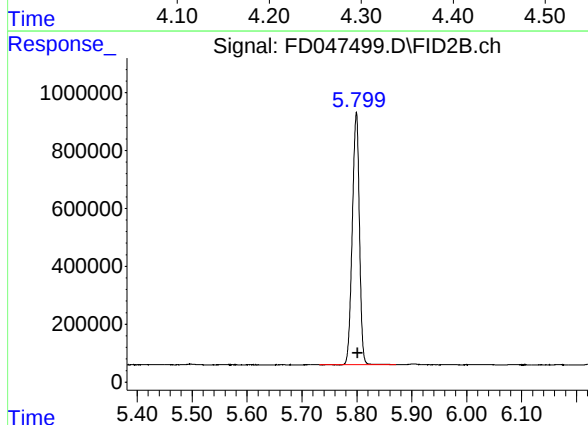




#1 1,2,3-Trimethylbenzene (C10.1)

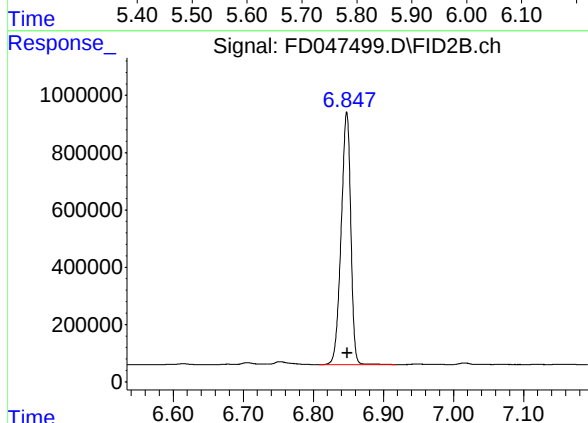
R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 6478934
Conc: 41.00 ug/ml

Instrument :
FID_D
ClientSampleId :



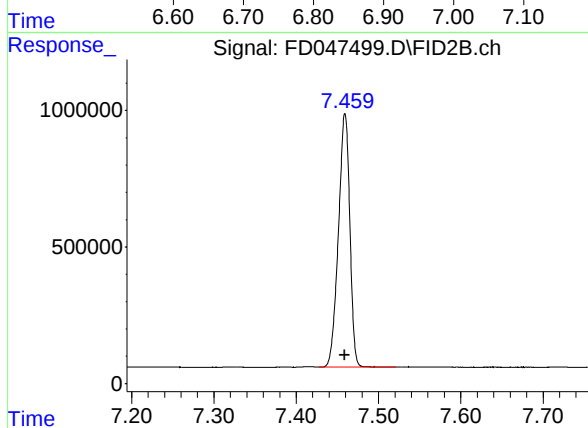
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 7851607
Conc: 47.98 ug/ml



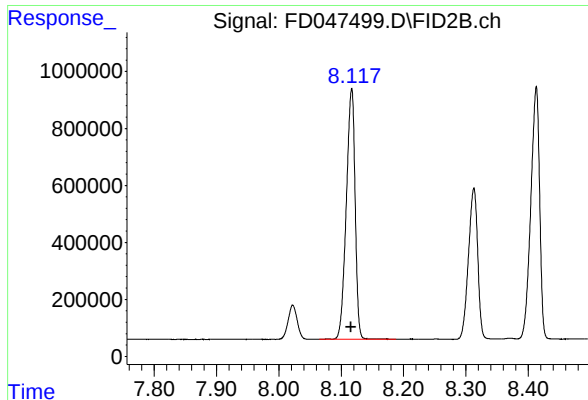
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 8402693
Conc: 51.09 ug/ml



#4 2-Bromonaphthalene (SURR)

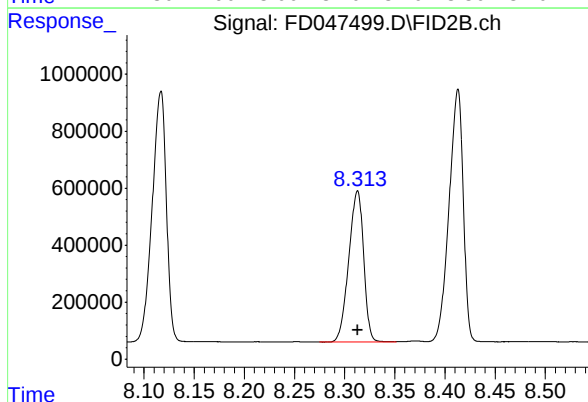
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 8957472
Conc: 59.92 ug/ml



#5 Acenaphthylene (C15.06)

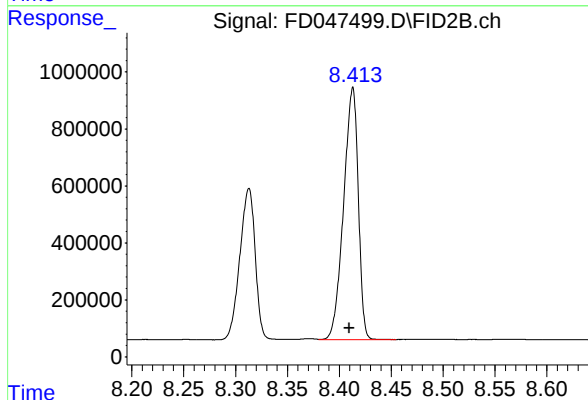
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 8660053
Conc: 57.37 ug/ml

Instrument :
FID_D
ClientSampleId :



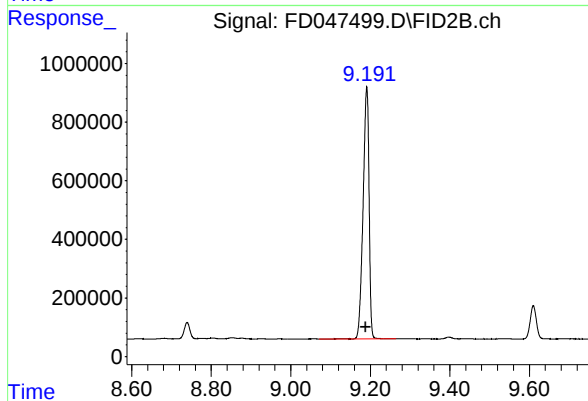
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 5484467
Conc: 56.13 ug/ml



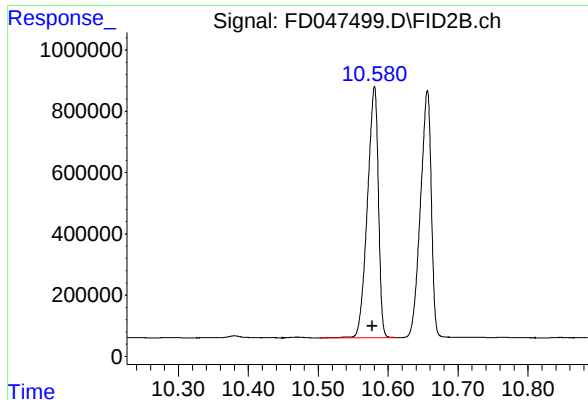
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 8712295
Conc: 54.40 ug/ml



#8 Flouorene (C16.55)

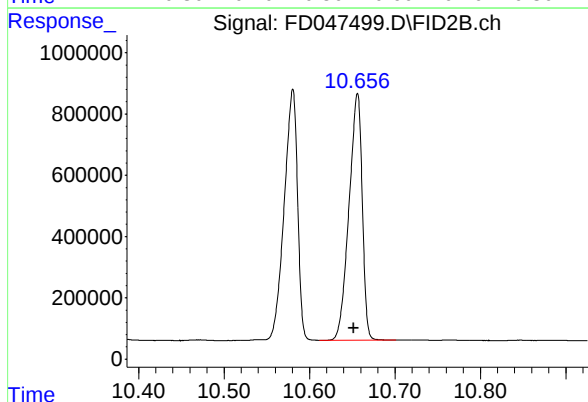
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 8934780
Conc: 57.76 ug/ml



#9 Phenanthrene (C19.36)

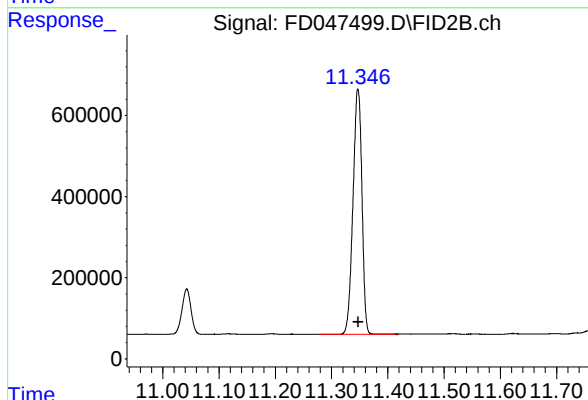
R.T.: 10.580 min
Delta R.T.: 0.003 min
Response: 8909361
Conc: 59.88 ug/ml

Instrument :
FID_D
ClientSampleId :



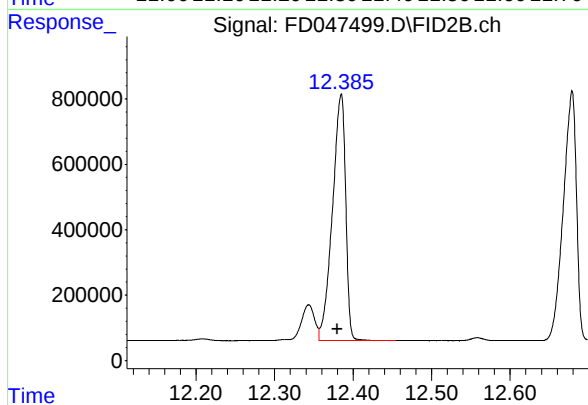
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.004 min
Response: 8673197
Conc: 63.77 ug/ml



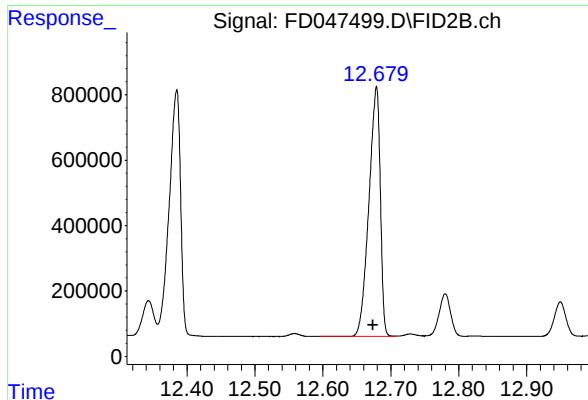
#11 ortho-Terphenyl (SURR)

R.T.: 11.347 min
Delta R.T.: 0.000 min
Response: 6683009
Conc: 38.98 ug/ml



#12 Fluoranthene (C21.85)

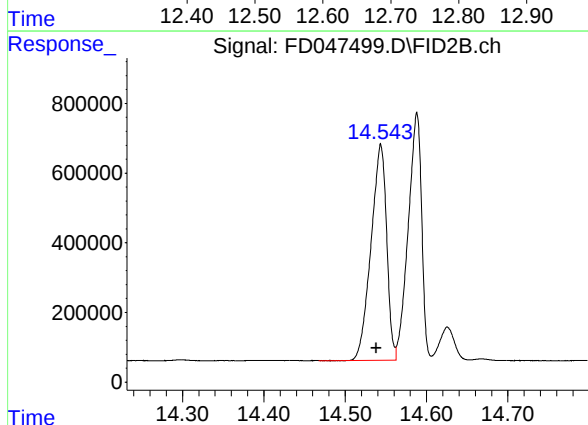
R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 8825837
Conc: 59.70 ug/ml



#13 Pyrene (C20.8)

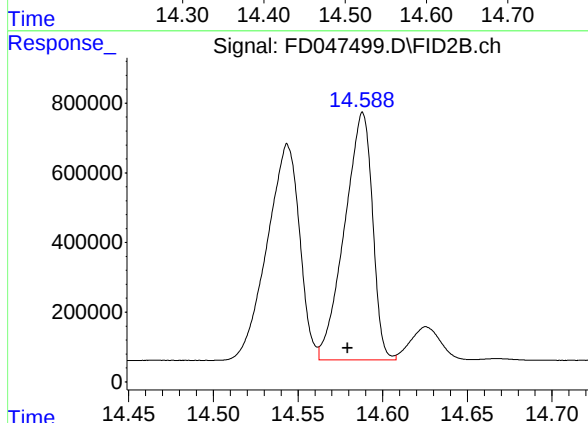
R.T.: 12.678 min
Delta R.T.: 0.004 min
Response: 8880267
Conc: 61.53 ug/ml

Instrument :
FID_D
ClientSampleId :



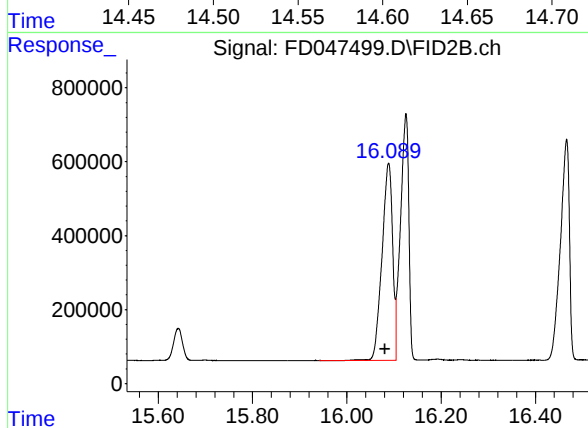
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.005 min
Response: 8263658
Conc: 62.84 ug/ml



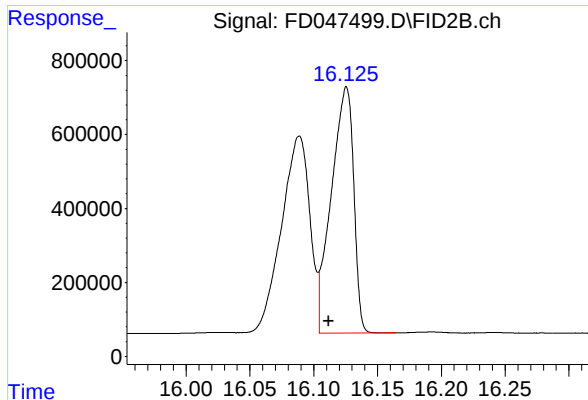
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.008 min
Response: 8154197
Conc: 57.83 ug/ml



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

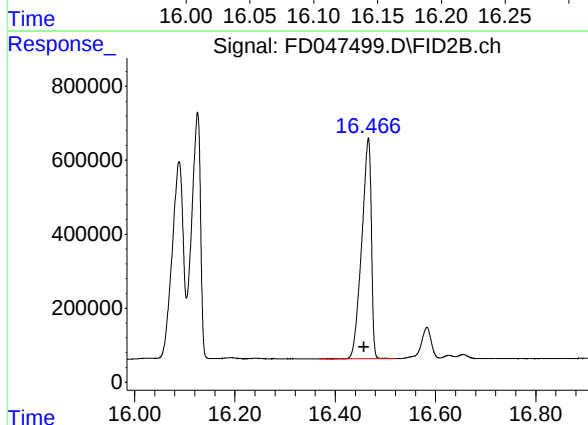
R.T.: 16.088 min
Delta R.T.: 0.007 min
Response: 8316251
Conc: 59.61 ug/ml



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

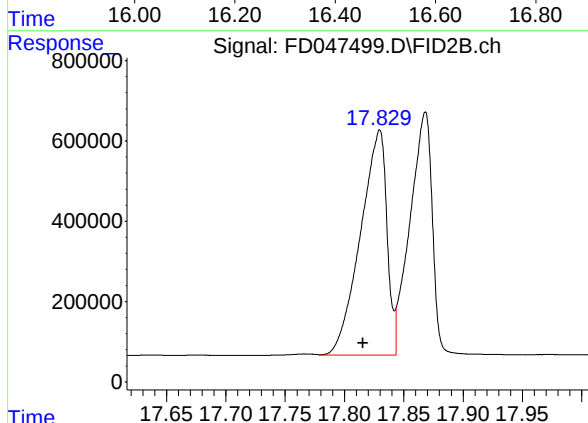
R.T.: 16.125 min
Delta R.T.: 0.013 min
Response: 8099180
Conc: 58.23 ug/ml

Instrument :
FID_D
ClientSampleId :



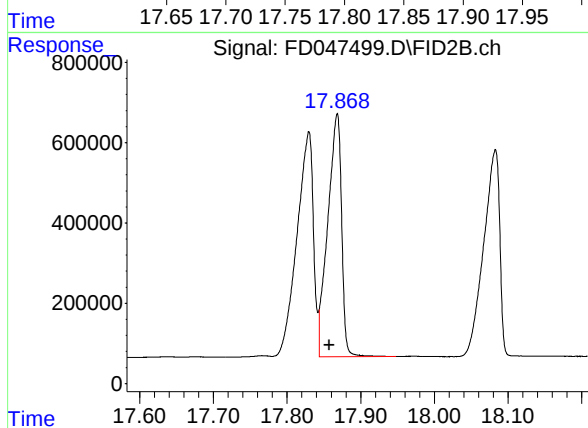
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.008 min
Response: 7917547
Conc: 57.66 ug/ml



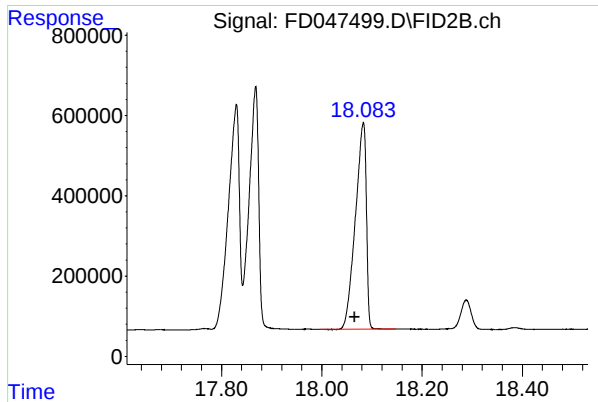
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.013 min
Response: 8709150
Conc: 64.56 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.010 min
Response: 7900626
Conc: 58.79 ug/ml



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

R.T.: 18.082 min

Delta R.T.: 0.016 min

Response: 7794133

Conc: 56.16 ug/ml

Instrument :

FID_D

ClientSampleId :