

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048837.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 16:51
 Operator : YP/AJ
 Sample : PB165427BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 03:09:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.363	9044043	51.369 ug/ml
Spiked Amount 50.000		Recovery =	102.74%
6) S 2-Fluorobiphenyl (SURR)	8.214	5577460	48.428 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.86%
11) S ortho-Terphenyl (SURR)	11.249	8537216	44.387 ug/ml
Spiked Amount 50.000		Recovery =	88.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	6036099	32.028 ug/ml
2) T Naphthalene (C11.7)	5.704	7417322	37.926 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	7461791	39.045 ug/ml
5) T Acenaphthylene (C15.06)	8.016	8183658	42.200 ug/ml
7) T Acenaphthene (C15.5)	8.311	8824806	45.880 ug/ml
8) T Flouorene (C16.55)	9.090	8902071	46.401 ug/ml
9) T Phenanthrene (C19.36)	10.477	8879204	48.440 ug/ml
10) T Anthracene (C19.43)	10.554	9014634	48.137 ug/ml
12) T Fluoranthene (C21.85)	12.283	9958136	54.380 ug/ml
13) T Pyrene (C20.8)	12.576	9309929	51.495 ug/ml
14) T Benzo[a]anthracene (C...	14.445	7931581	48.216 ug/ml
15) T Chrysene (C27.41)	14.488	8001045	45.717 ug/ml
16) T benzo[b]fluoranthene ...	15.994	7689710	48.942 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	7480083	45.835 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	7236414	48.535 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	7249560	58.687 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	7133151	45.488 ug/ml
21) T Benzo[g,h,i]perylene ...	17.988	6816555	47.773 ug/ml

(f)=RT Delta > 1/2 Window

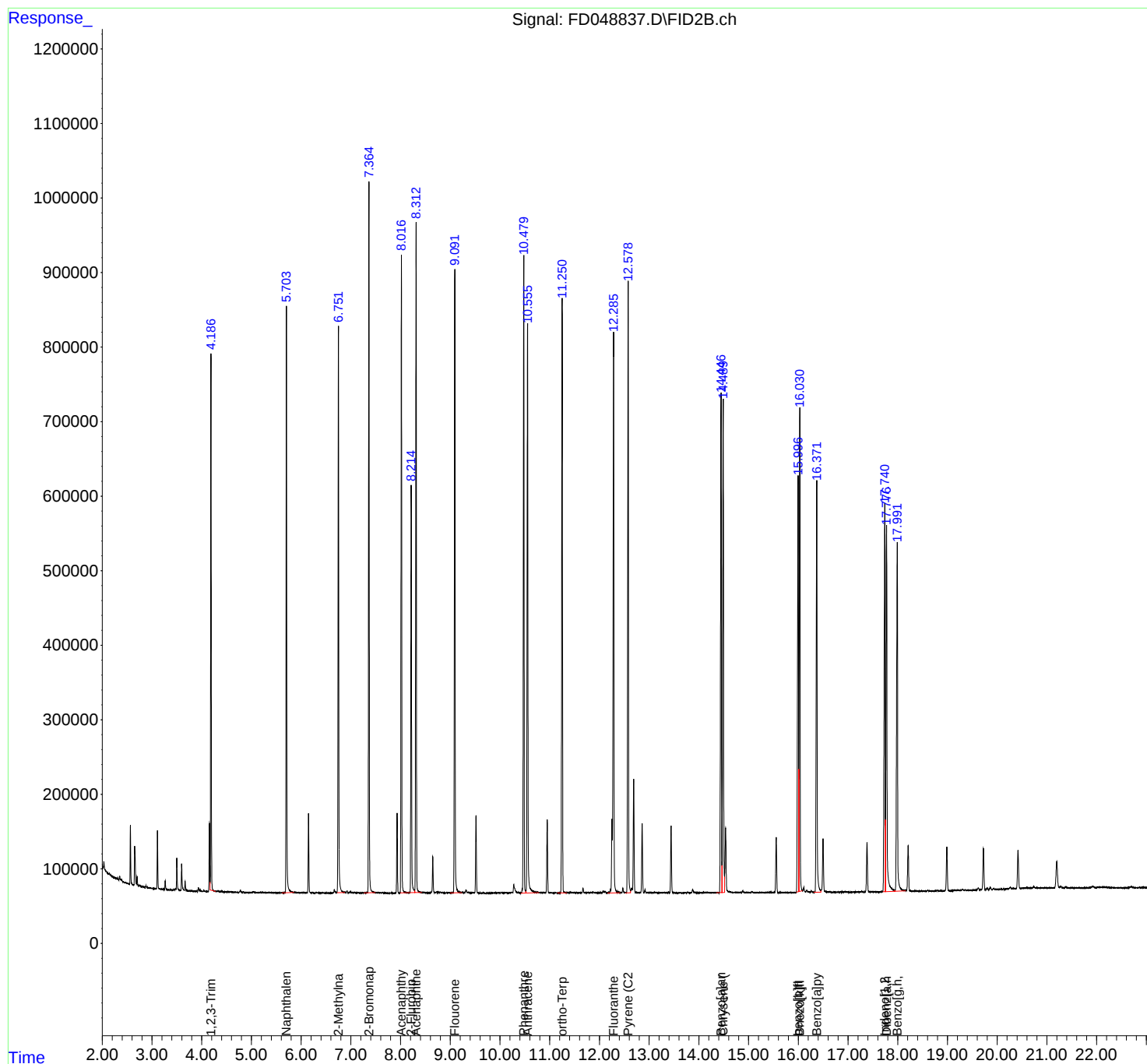
(m)=manual int.

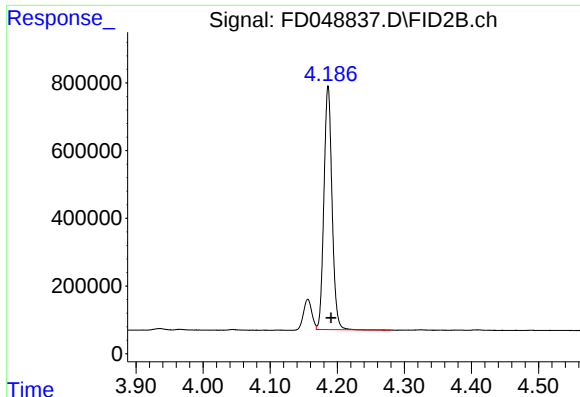
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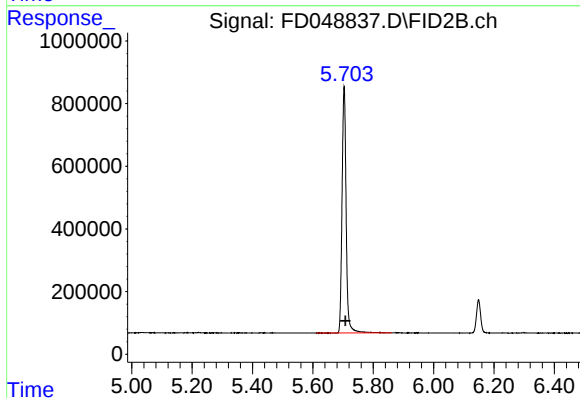




#1 1,2,3-Trimethylbenzene (C10.1)

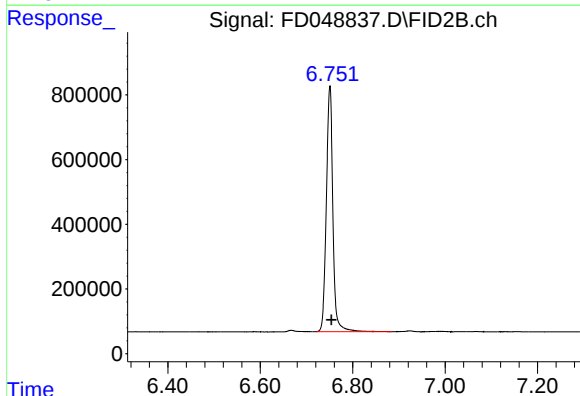
R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 6036099
Conc: 32.03 ug/ml

Instrument :
FID_D
ClientSampleId :



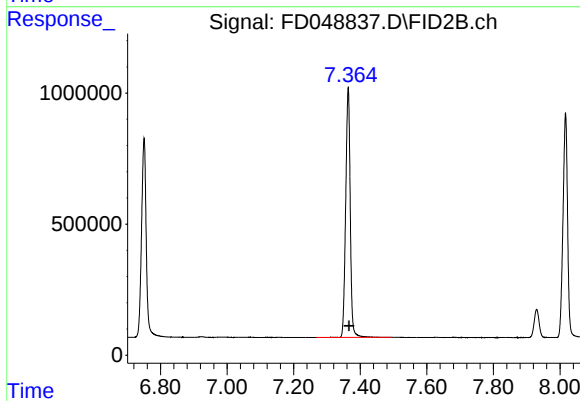
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 7417322
Conc: 37.93 ug/ml



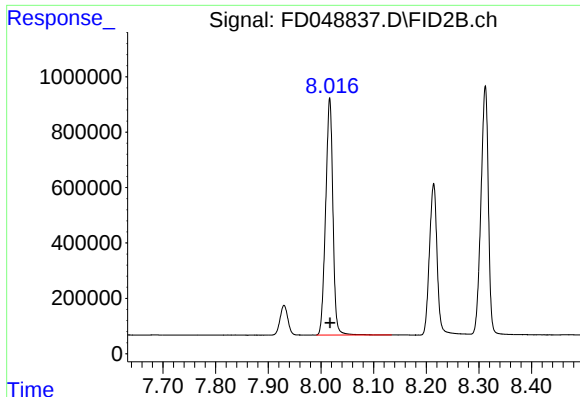
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 7461791
Conc: 39.05 ug/ml



#4 2-Bromonaphthalene (SURR)

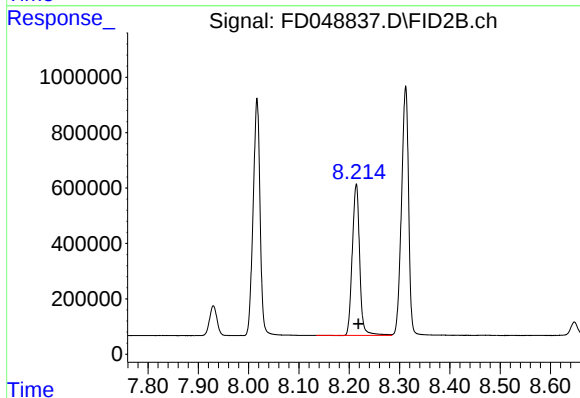
R.T.: 7.363 min
Delta R.T.: -0.003 min
Response: 9044043
Conc: 51.37 ug/ml



#5 Acenaphthylene (C15.06)

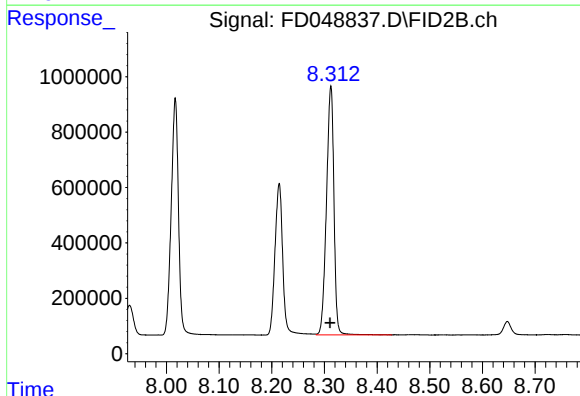
R.T.: 8.016 min
Delta R.T.: -0.001 min
Response: 8183658
Conc: 42.20 ug/ml

Instrument :
FID_D
ClientSampleId :



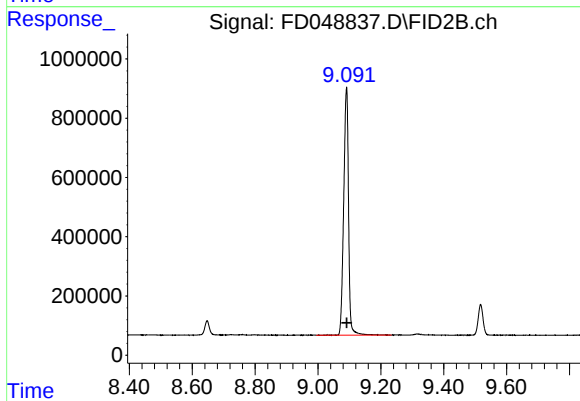
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 5577460
Conc: 48.43 ug/ml



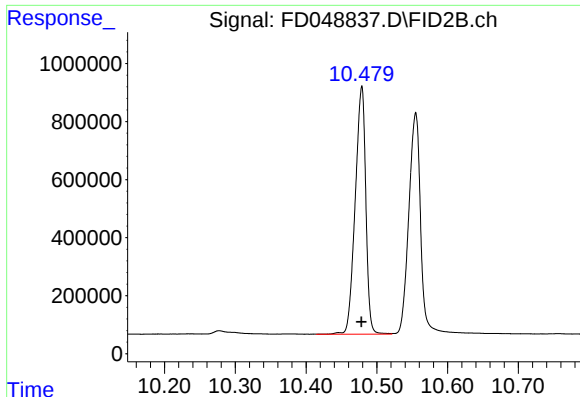
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 8824806
Conc: 45.88 ug/ml



#8 Fluorene (C16.55)

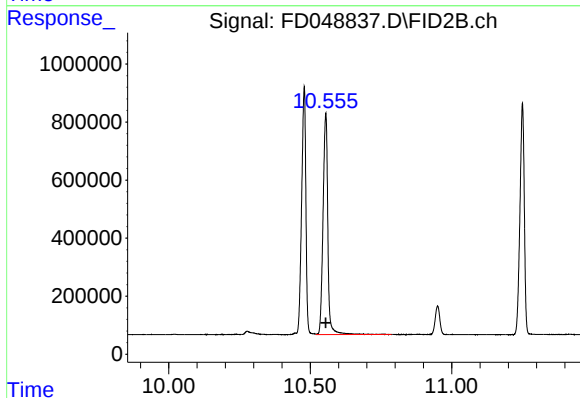
R.T.: 9.090 min
Delta R.T.: -0.002 min
Response: 8902071
Conc: 46.40 ug/ml



#9 Phenanthrene (C19.36)

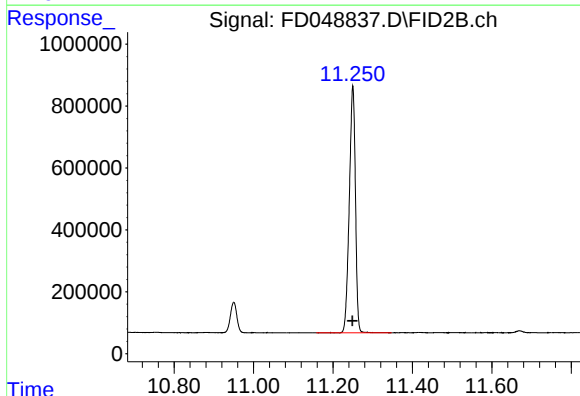
R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 8879204
Conc: 48.44 ug/ml

Instrument :
FID_D
ClientSampleId :



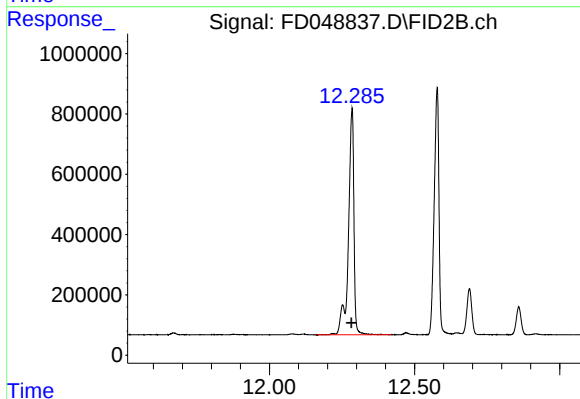
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.000 min
Response: 9014634
Conc: 48.14 ug/ml



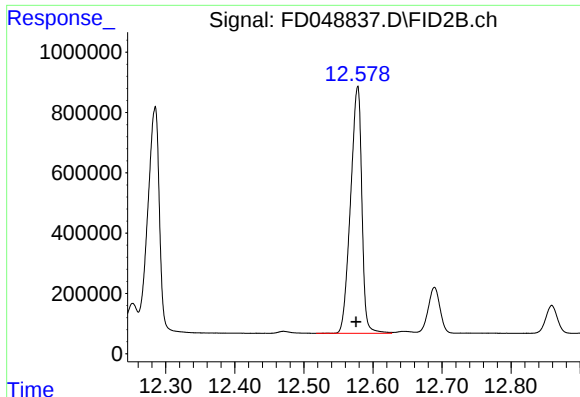
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 8537216
Conc: 44.39 ug/ml



#12 Fluoranthene (C21.85)

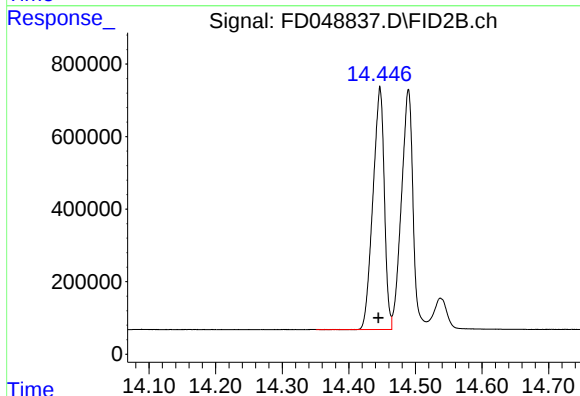
R.T.: 12.283 min
Delta R.T.: 0.000 min
Response: 9958136
Conc: 54.38 ug/ml



#13 Pyrene (C20.8)

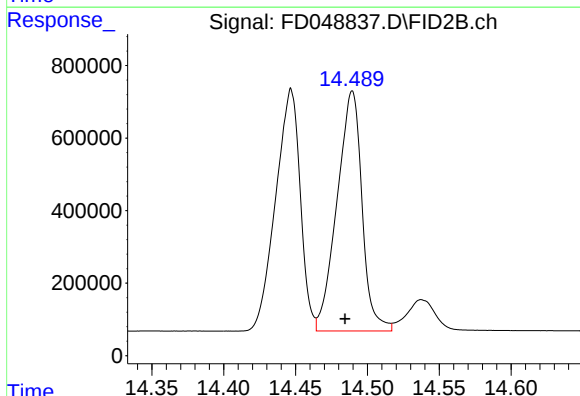
R.T.: 12.576 min
Delta R.T.: 0.001 min
Response: 9309929
Conc: 51.49 ug/ml

Instrument :
FID_D
ClientSampleId :



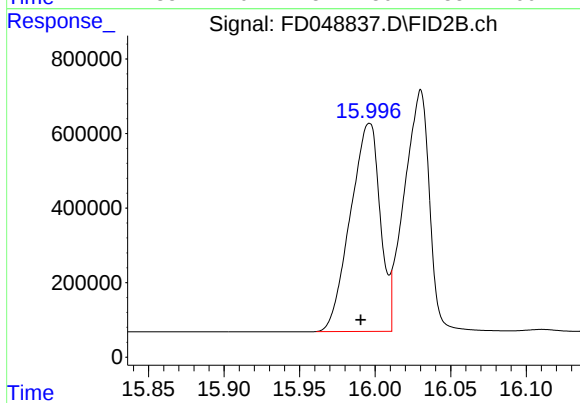
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 7931581
Conc: 48.22 ug/ml



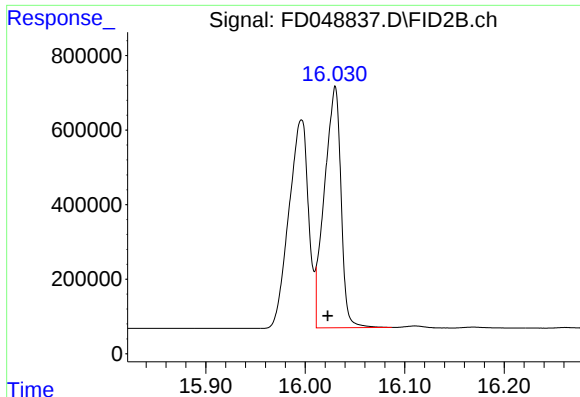
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: 0.004 min
Response: 8001045
Conc: 45.72 ug/ml



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

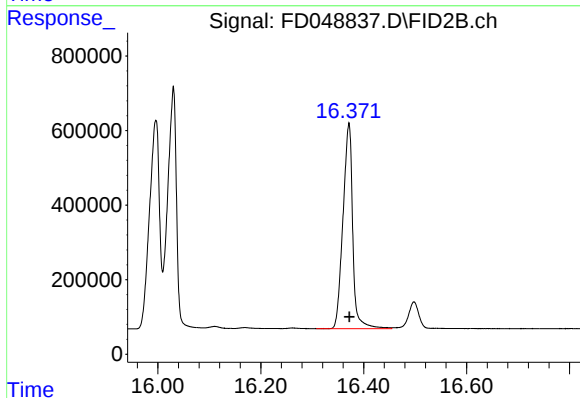
R.T.: 15.994 min
Delta R.T.: 0.004 min
Response: 7689710
Conc: 48.94 ug/ml



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

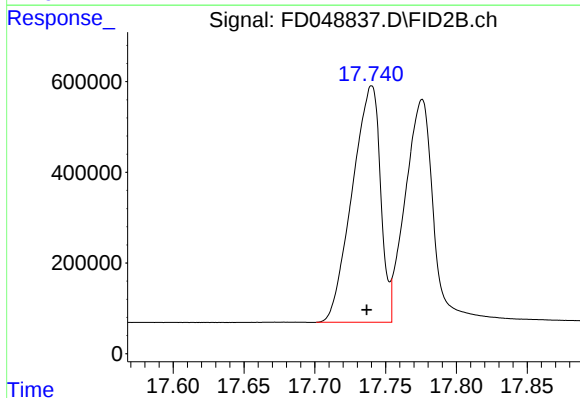
R.T.: 16.028 min
Delta R.T.: 0.006 min
Response: 7480083
Conc: 45.83 ug/ml

Instrument :
FID_D
ClientSampleId :



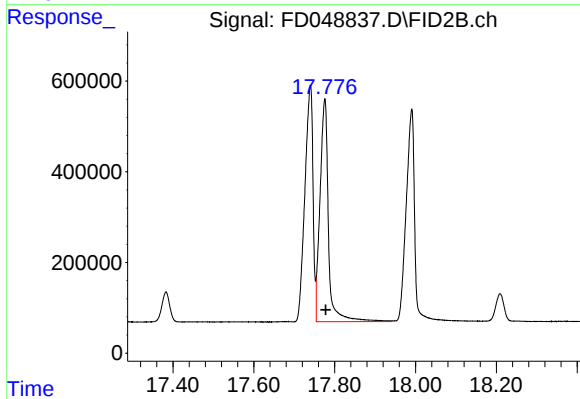
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: -0.003 min
Response: 7236414
Conc: 48.53 ug/ml



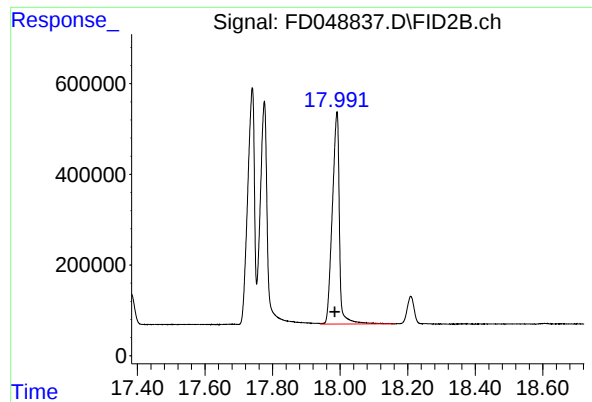
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: 0.000 min
Response: 7249560
Conc: 58.69 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.004 min
Response: 7133151
Conc: 45.49 ug/ml



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

R.T.: 17.988 min
Delta R.T.: 0.004 min
Response: 6816555
Conc: 47.77 ug/ml

Instrument :

FID_D

ClientSampleId :