

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032824AR\
 Data File : FD047437.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2024 14:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 29 04:19:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.453	3264637	19.766 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
6) S 2-Fluorobiphenyl (SURR)	8.305	2151701	20.222 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.44%
11) S ortho-Terphenyl (SURR)	11.339	3765041	20.174 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3408368	19.178 ug/ml
2) T Naphthalene (C11.7)	5.795	3555547	19.496 ug/ml
3) T 2-Methylnaphthalene (...)	6.842	3591658	19.694 ug/ml
5) T Acenaphthylene (C15.06)	8.108	3279641	19.672 ug/ml
7) T Acenaphthene (C15.5)	8.403	3507068	19.906 ug/ml
8) T Flouorene (C16.55)	9.181	3387007	20.107 ug/ml
9) T Phenanthrene (C19.36)	10.567	3274615	20.220 ug/ml
10) T Anthracene (C19.43)	10.642	2686682	18.256 ug/ml
12) T Fluoranthene (C21.85)	12.368	3282794	20.592 ug/ml
13) T Pyrene (C20.8)	12.662	3177194	20.536 ug/ml
14) T Benzo[a]anthracene (C...	14.524	2838459	20.939 ug/ml
15) T Chrysene (C27.41)	14.566	3023804	20.370 ug/ml
16) T benzo[b]fluoranthene ...	16.066	2988184	21.286 ug/ml
17) T Bnezo[k]fluoranthene ...	16.098	3036809	21.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.441	2912932	21.087 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.800	2830806	22.650 ug/ml
20) T Dibenz[a,h]anthracene...	17.839	3087489	23.412 ug/ml
21) T Benzo[g,h,i]perylene ...	18.050	2946870	21.932 ug/ml

(f)=RT Delta > 1/2 Window

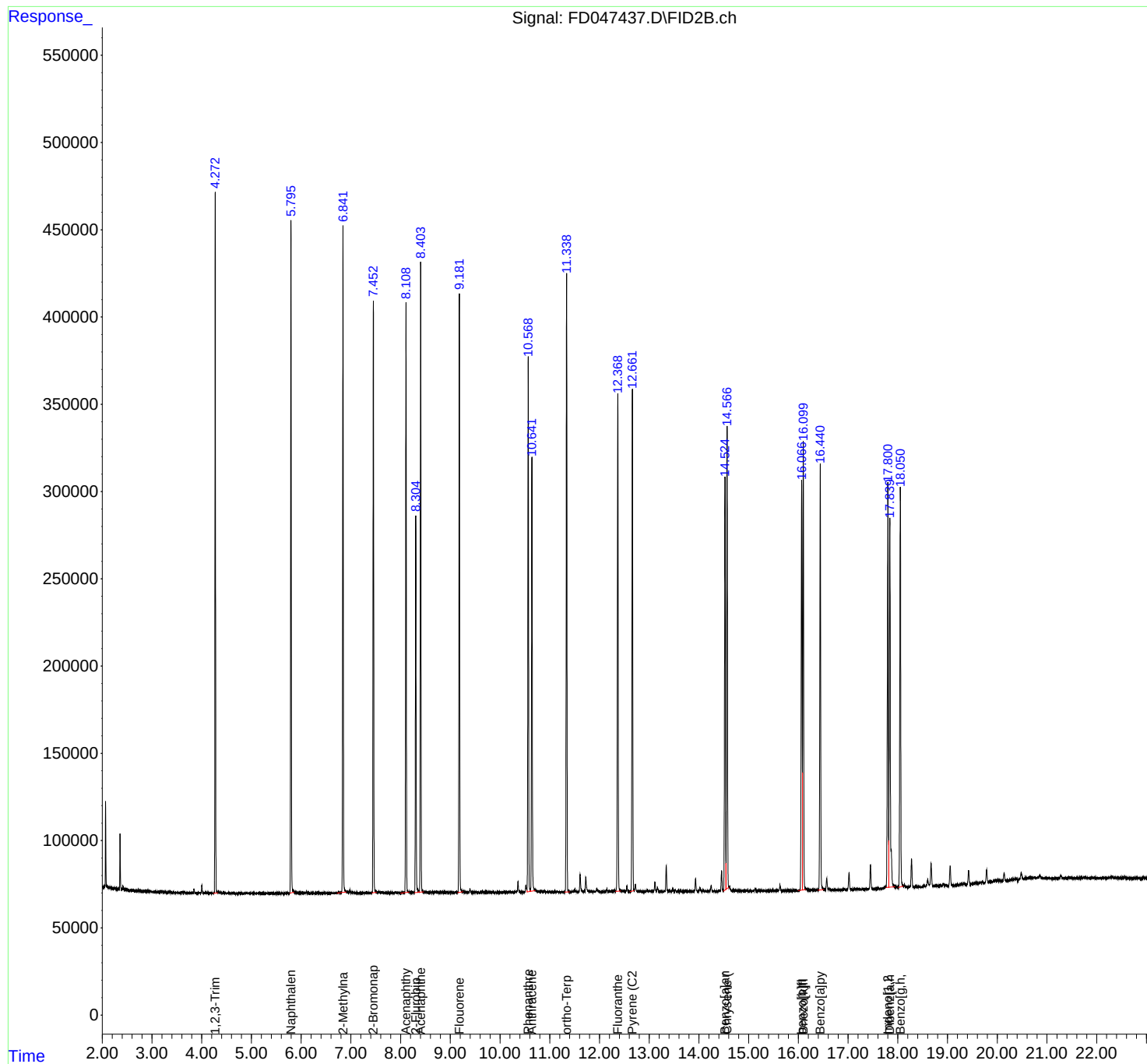
(m)=manual int.

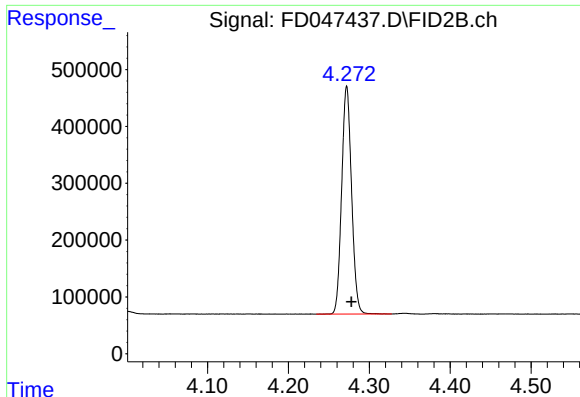
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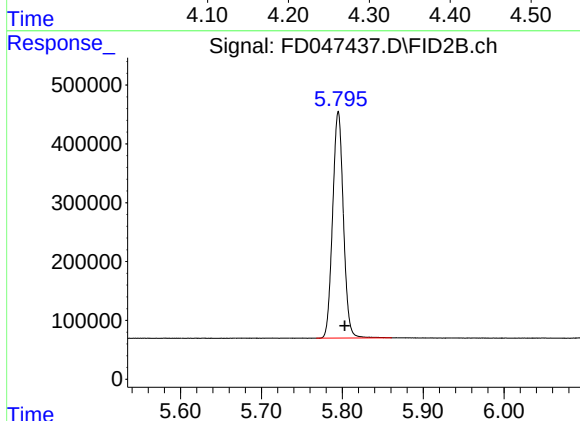




#1 1,2,3-Trimethylbenzene (C10.1)

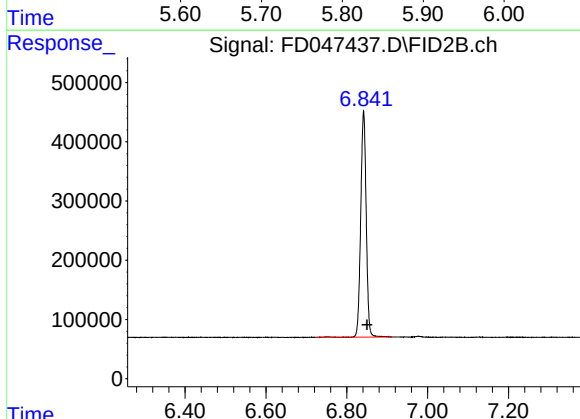
R.T.: 4.272 min
Delta R.T.: -0.006 min
Response: 3408368
Conc: 19.18 ug/ml

Instrument :
FID_D
ClientSampleId :



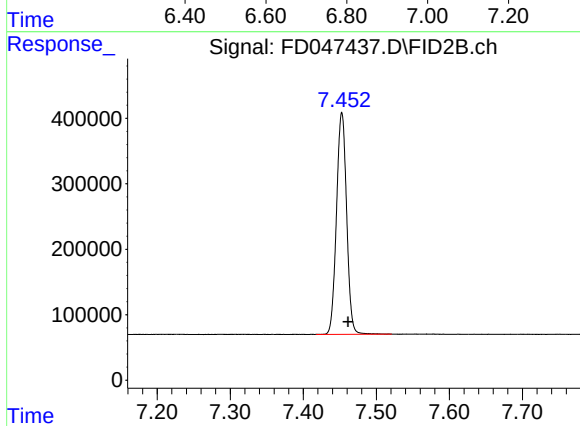
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 3555547
Conc: 19.50 ug/ml



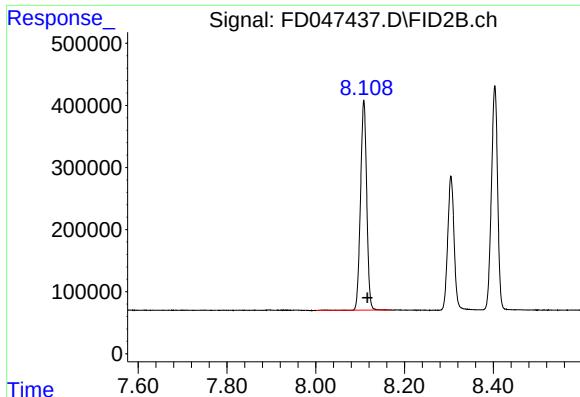
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.842 min
Delta R.T.: -0.009 min
Response: 3591658
Conc: 19.69 ug/ml



#4 2-Bromonaphthalene (SURR)

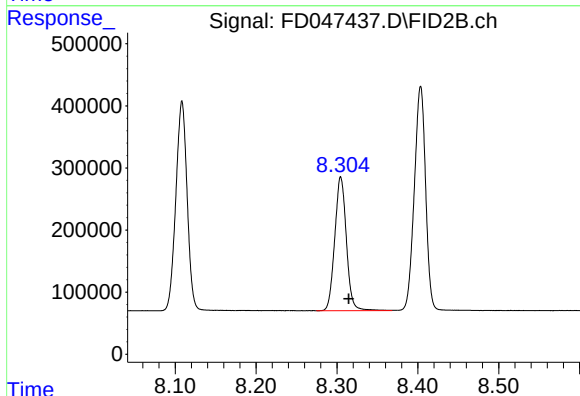
R.T.: 7.453 min
Delta R.T.: -0.008 min
Response: 3264637
Conc: 19.77 ug/ml



#5 Acenaphthylene (C15.06)

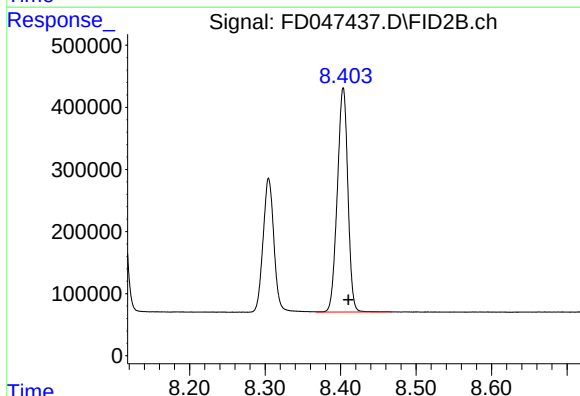
R.T.: 8.108 min
Delta R.T.: -0.008 min
Response: 3279641
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :



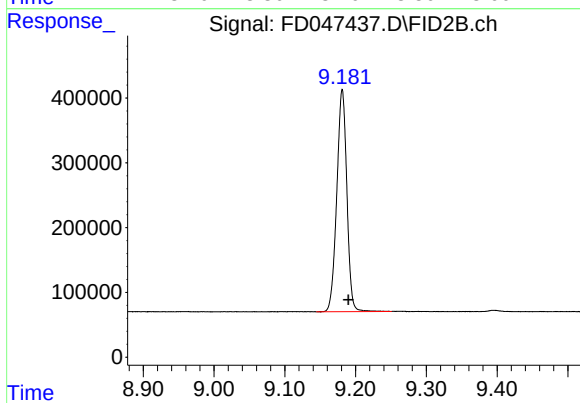
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.305 min
Delta R.T.: -0.010 min
Response: 2151701
Conc: 20.22 ug/ml



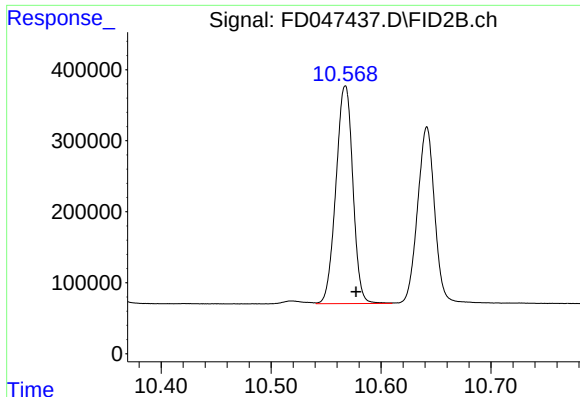
#7 Acenaphthene (C15.5)

R.T.: 8.403 min
Delta R.T.: -0.007 min
Response: 3507068
Conc: 19.91 ug/ml



#8 Fluorene (C16.55)

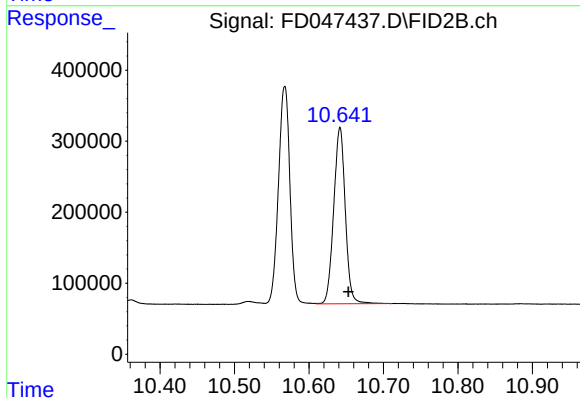
R.T.: 9.181 min
Delta R.T.: -0.009 min
Response: 3387007
Conc: 20.11 ug/ml



#9 Phenanthrene (C19.36)

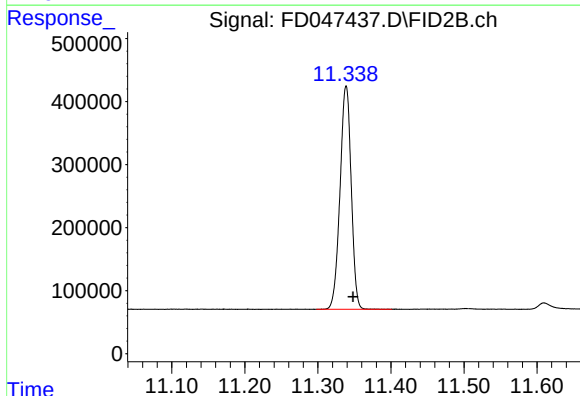
R.T.: 10.567 min
Delta R.T.: -0.010 min
Response: 3274615
Conc: 20.22 ug/ml

Instrument :
FID_D
ClientSampleId :



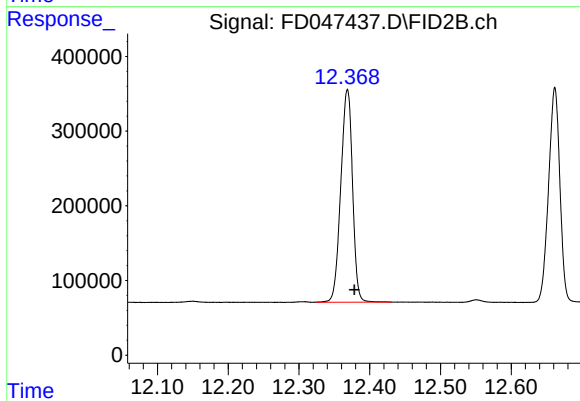
#10 Anthracene (C19.43)

R.T.: 10.642 min
Delta R.T.: -0.011 min
Response: 2686682
Conc: 18.26 ug/ml



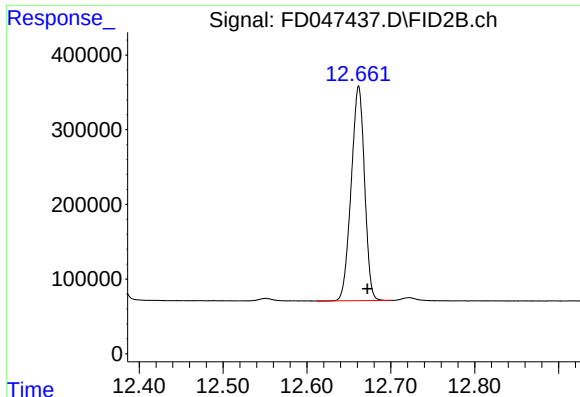
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min
Delta R.T.: -0.009 min
Response: 3765041
Conc: 20.17 ug/ml



#12 Fluoranthene (C21.85)

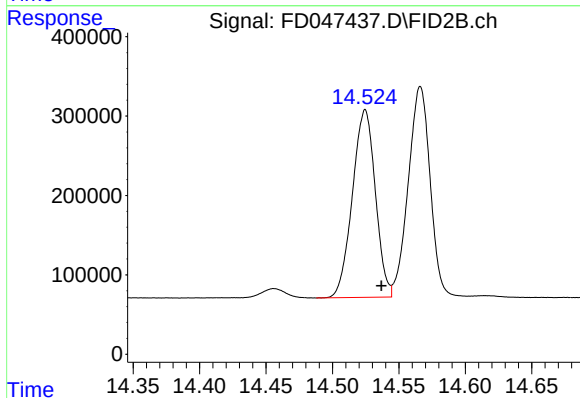
R.T.: 12.368 min
Delta R.T.: -0.010 min
Response: 3282794
Conc: 20.59 ug/ml



#13 Pyrene (C20.8)

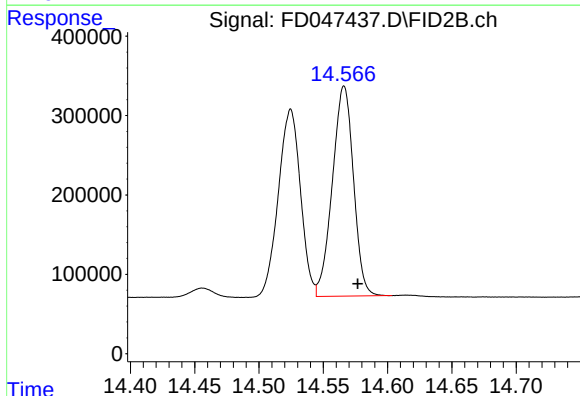
R.T.: 12.662 min
Delta R.T.: -0.011 min
Response: 3177194
Conc: 20.54 ug/ml

Instrument :
FID_D
ClientSampleId :



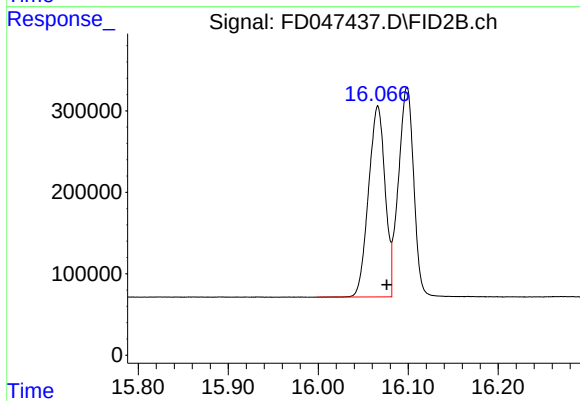
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min
Delta R.T.: -0.013 min
Response: 2838459
Conc: 20.94 ug/ml



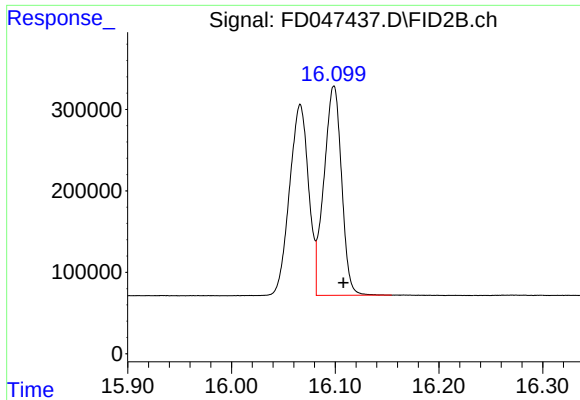
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: -0.011 min
Response: 3023804
Conc: 20.37 ug/ml



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

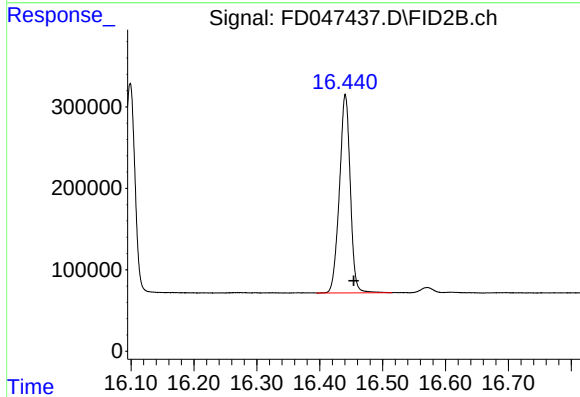
R.T.: 16.066 min
Delta R.T.: -0.010 min
Response: 2988184
Conc: 21.29 ug/ml



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

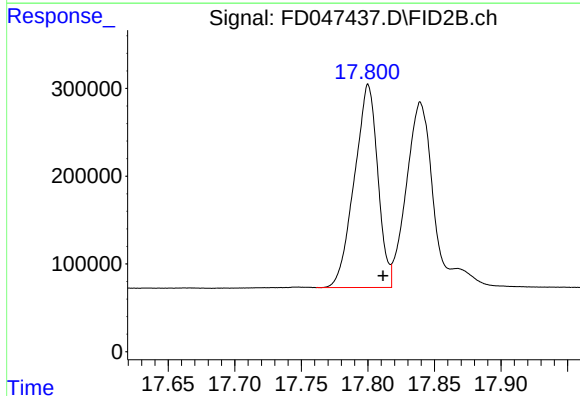
R.T.: 16.098 min
Delta R.T.: -0.009 min
Response: 3036809
Conc: 21.44 ug/ml

Instrument :
FID_D
ClientSampleId :



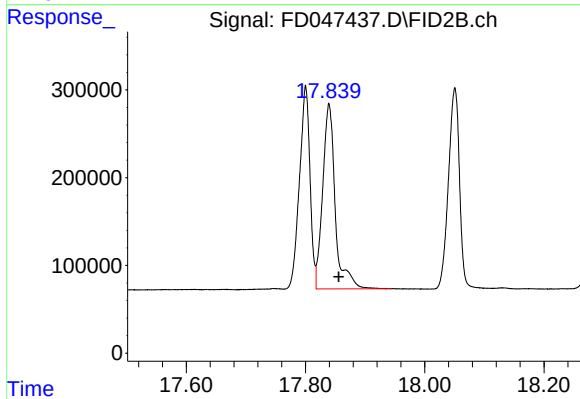
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.441 min
Delta R.T.: -0.014 min
Response: 2912932
Conc: 21.09 ug/ml



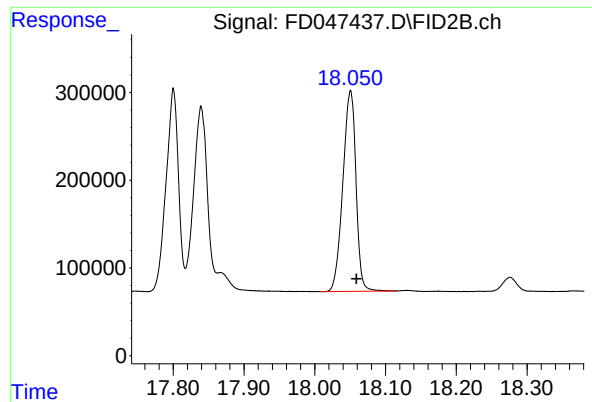
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.800 min
Delta R.T.: -0.011 min
Response: 2830806
Conc: 22.65 ug/ml



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

R.T.: 17.839 min
Delta R.T.: -0.016 min
Response: 3087489
Conc: 23.41 ug/ml



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

R.T.: 18.050 min
Delta R.T.: -0.009 min
Response: 2946870
Conc: 21.93 ug/ml

Instrument :

FID_D

ClientSampleId :