

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072523AR\
 Data File : FD046214.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2023 13:45
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 25 16:11:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 2023
 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...	7.504	3038225	20.325 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
6) S 2-Fluorobiphenyl (SURR)	8.359	1919230	20.502 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.00%
11) S ortho-Terphenyl (SURR)	11.397	3624792	20.756 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.316	3634565	19.949 ug/ml
2) T Naphthalene (C11.7)	5.845	3638846	20.147 ug/ml
3) T 2-Methylnaphthalene (...)	6.893	3562519	20.241 ug/ml
5) T Acenaphthylene (C15.06)	8.163	3107253	20.365 ug/ml
7) T Acenaphthene (C15.5)	8.458	3322235	20.374 ug/ml
8) T Flouorene (C16.55)	9.237	3137844	20.622 ug/ml
9) T Phenanthrene (C19.36)	10.627	2973267	20.648 ug/ml
10) T Anthracene (C19.43)	10.700	2636347	20.145 ug/ml
12) T Fluoranthene (C21.85)	12.430	2905057	20.790 ug/ml
13) T Pyrene (C20.8)	12.724	2835105	20.456 ug/ml
14) T Benzo[a]anthracene (C...	14.588	2689511	20.490 ug/ml
15) T Chrysene (C27.41)	14.631	2821481	20.010 ug/ml
16) T benzo[b]fluoranthene ...	16.132	2838541	20.755 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	2793220	20.378 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	2733426	20.996 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.863	2622237	21.802 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	2646917	20.696 ug/ml
21) T Benzo[g,h,i]perylene ...	18.117	2729282	21.513 ug/ml

(f)=RT Delta > 1/2 Window

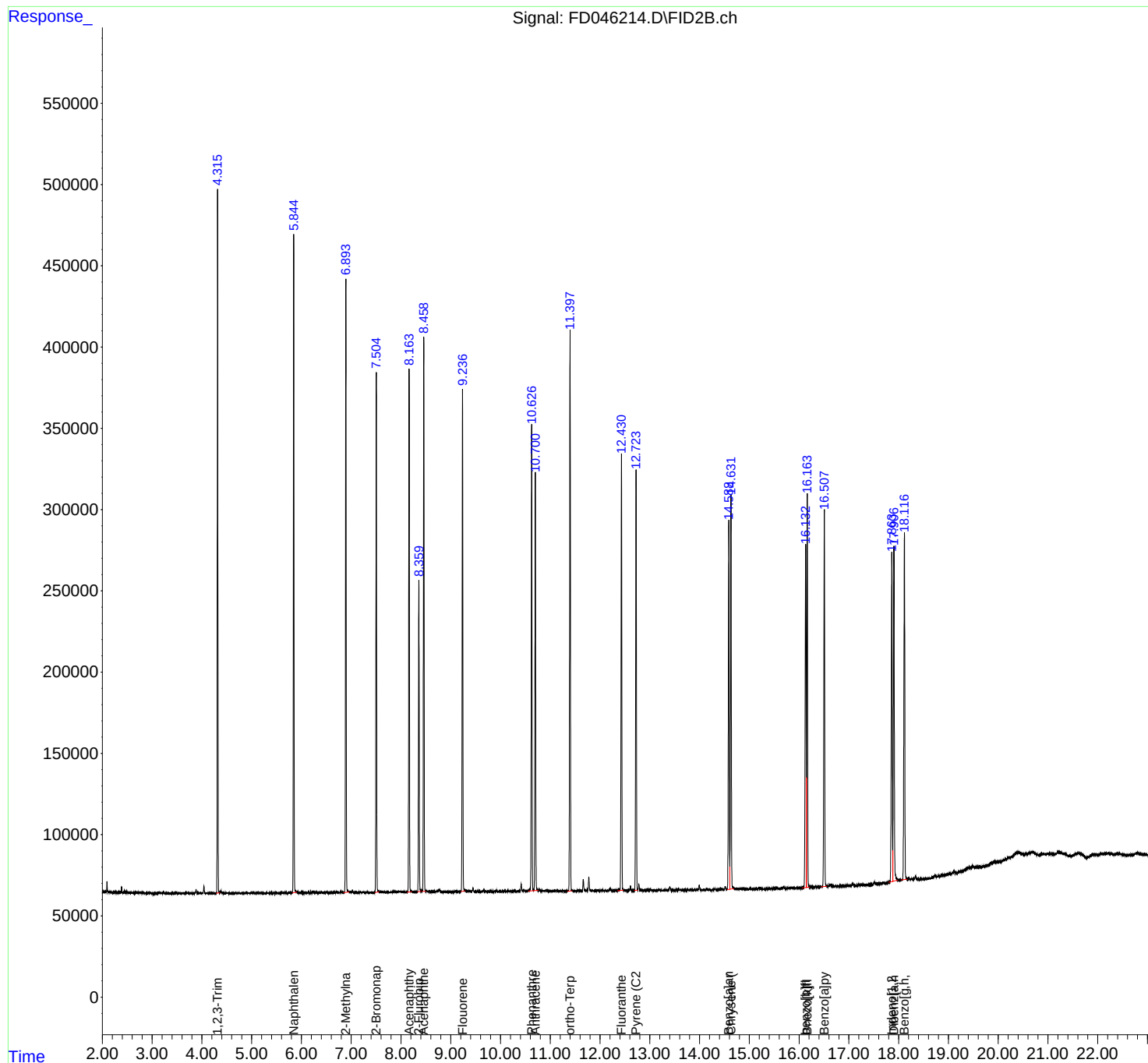
(m)=manual int.

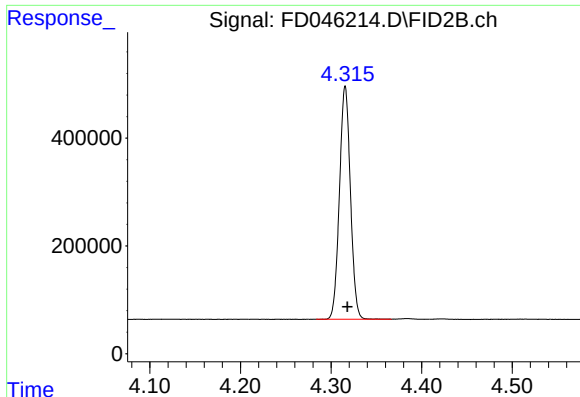
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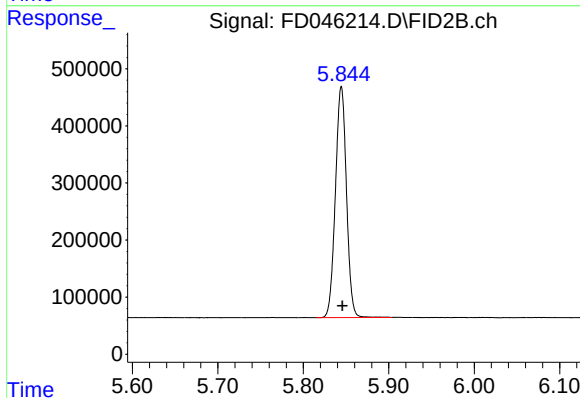




#1 1,2,3-Trimethylbenzene (C10.1)

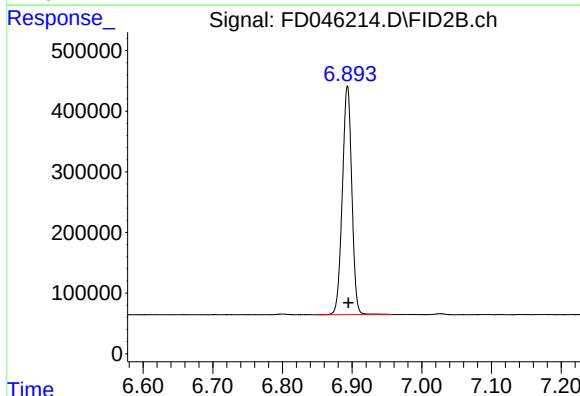
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 3634565
Conc: 19.95 ug/ml

Instrument :
FID_D
ClientSampleId :



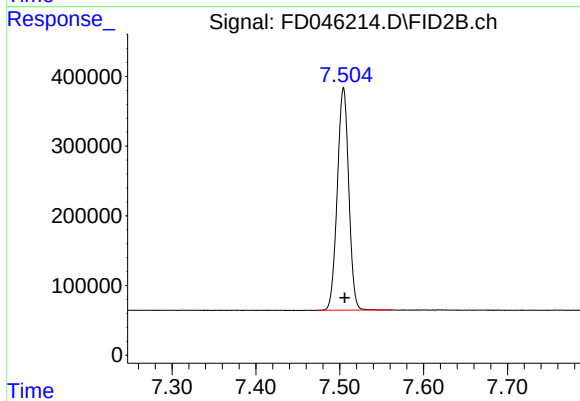
#2 Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 3638846
Conc: 20.15 ug/ml



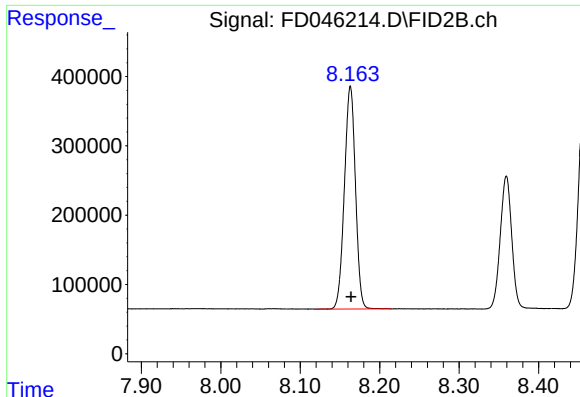
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.893 min
Delta R.T.: -0.001 min
Response: 3562519
Conc: 20.24 ug/ml



#4 2-Bromonaphthalene (SURR)

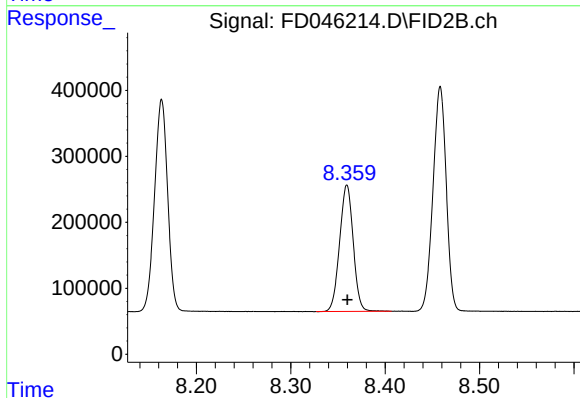
R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 3038225
Conc: 20.33 ug/ml



#5 Acenaphthylene (C15.06)

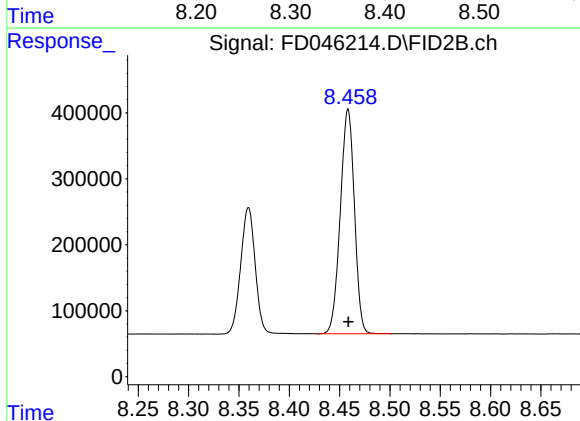
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 3107253
Conc: 20.37 ug/ml

Instrument :
FID_D
ClientSampleId :



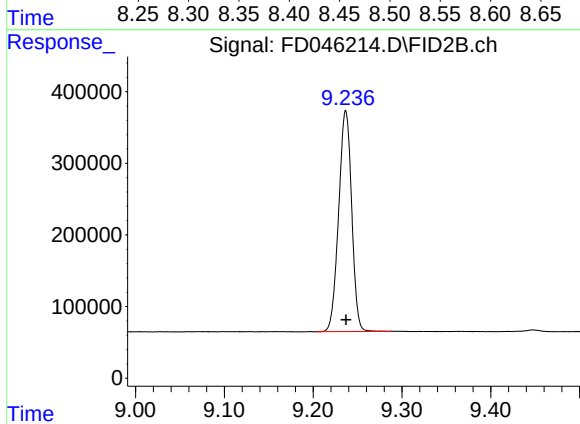
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.359 min
Delta R.T.: 0.000 min
Response: 1919230
Conc: 20.50 ug/ml



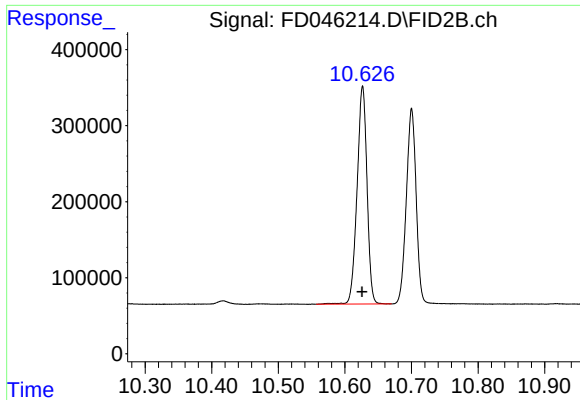
#7 Acenaphthene (C15.5)

R.T.: 8.458 min
Delta R.T.: 0.000 min
Response: 3322235
Conc: 20.37 ug/ml



#8 Flouorene (C16.55)

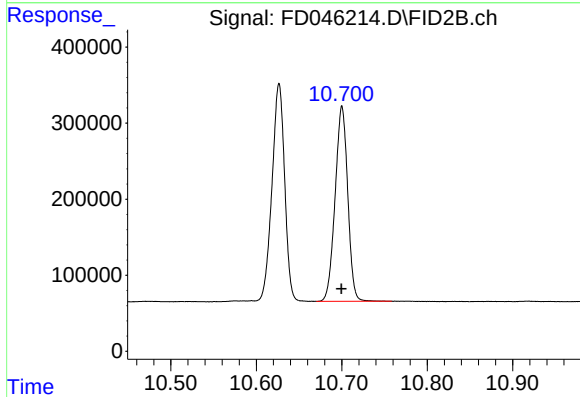
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 3137844
Conc: 20.62 ug/ml



#9 Phenanthrene (C19.36)

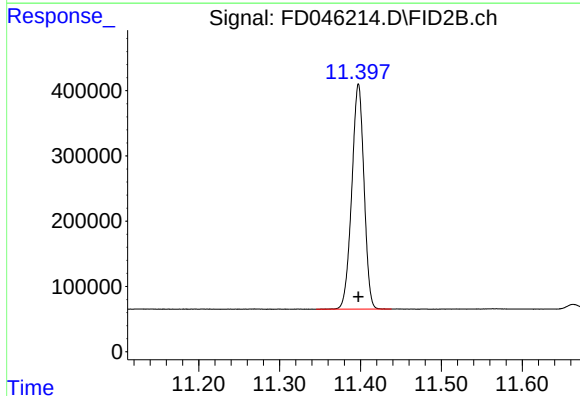
R.T.: 10.627 min
Delta R.T.: 0.000 min
Response: 2973267
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :



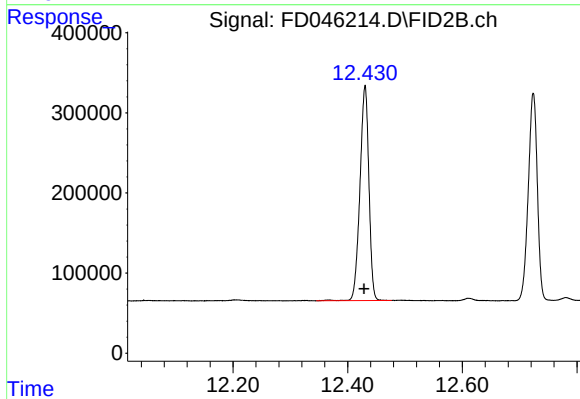
#10 Anthracene (C19.43)

R.T.: 10.700 min
Delta R.T.: 0.000 min
Response: 2636347
Conc: 20.14 ug/ml



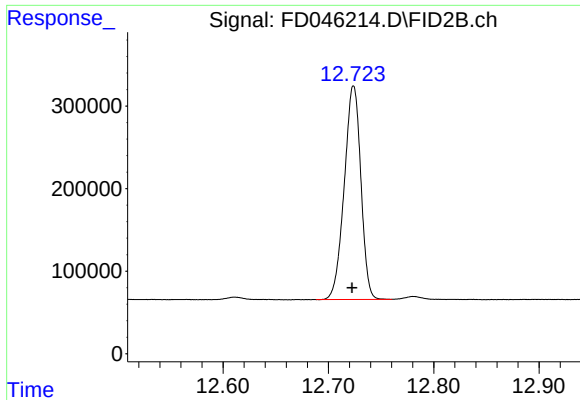
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 3624792
Conc: 20.76 ug/ml



#12 Fluoranthene (C21.85)

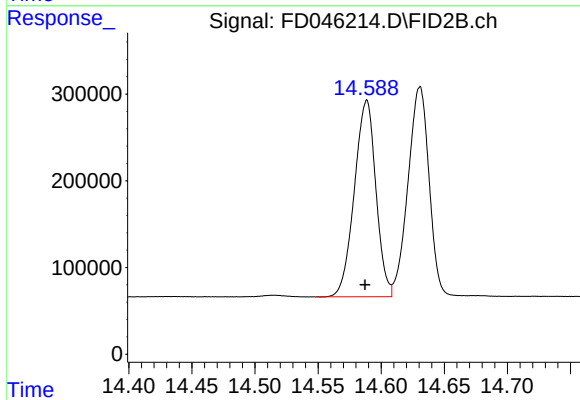
R.T.: 12.430 min
Delta R.T.: 0.002 min
Response: 2905057
Conc: 20.79 ug/ml



#13 Pyrene (C20.8)

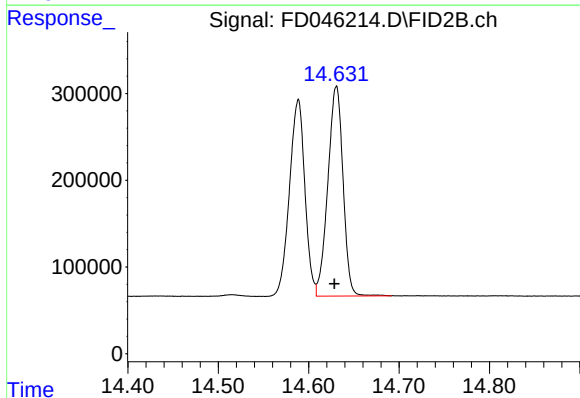
R.T.: 12.724 min
Delta R.T.: 0.001 min
Response: 2835105
Conc: 20.46 ug/ml

Instrument :
FID_D
ClientSampleId :



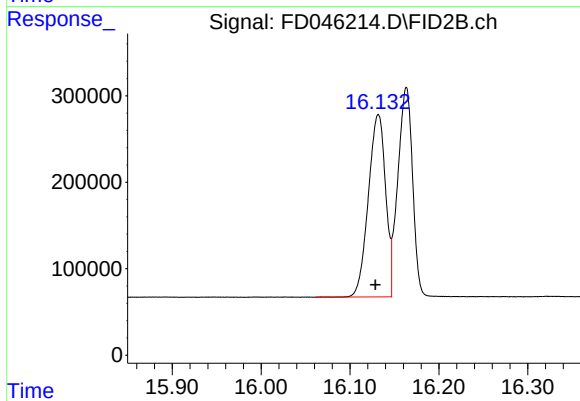
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.001 min
Response: 2689511
Conc: 20.49 ug/ml



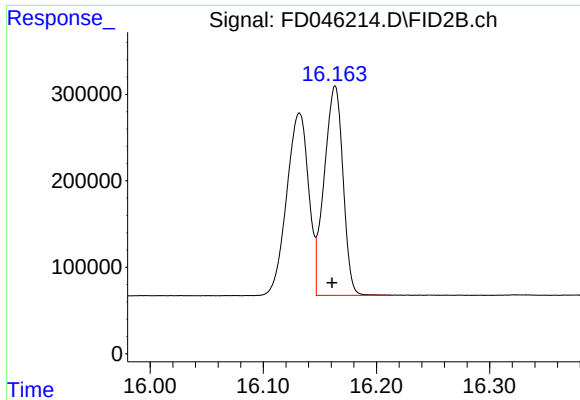
#15 Chrysene (C27.41)

R.T.: 14.631 min
Delta R.T.: 0.002 min
Response: 2821481
Conc: 20.01 ug/ml



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

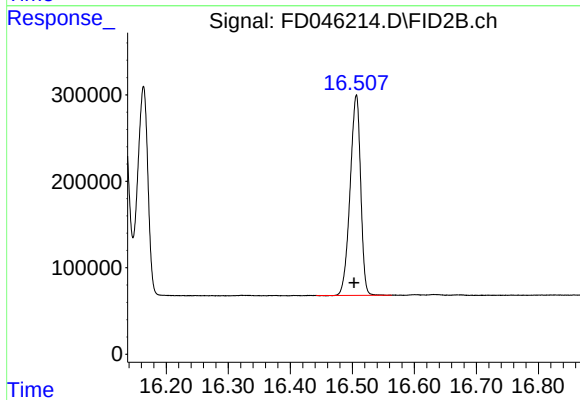
R.T.: 16.132 min
Delta R.T.: 0.003 min
Response: 2838541
Conc: 20.76 ug/ml



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

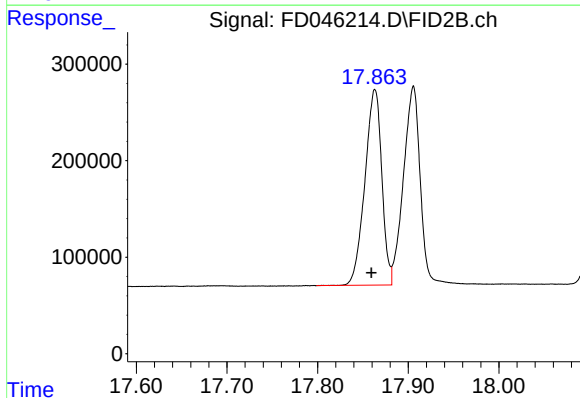
R.T.: 16.163 min
Delta R.T.: 0.002 min
Response: 2793220
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :



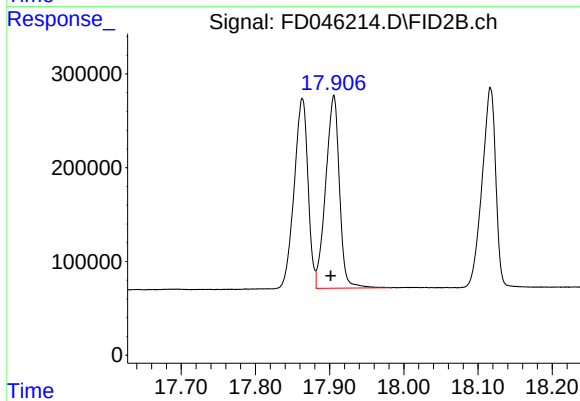
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: 0.003 min
Response: 2733426
Conc: 21.00 ug/ml



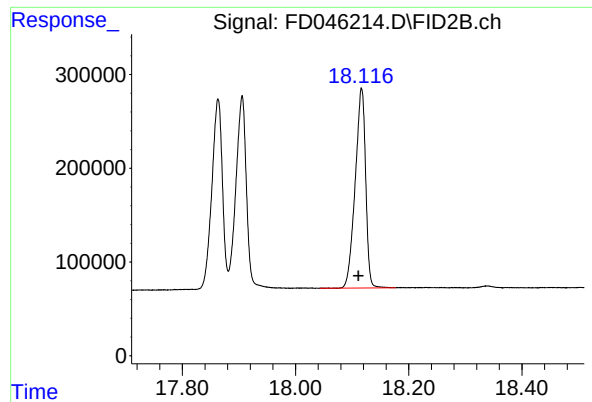
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.863 min
Delta R.T.: 0.004 min
Response: 2622237
Conc: 21.80 ug/ml



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

R.T.: 17.905 min
Delta R.T.: 0.004 min
Response: 2646917
Conc: 20.70 ug/ml



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

R.T.: 18.117 min
Delta R.T.: 0.005 min
Response: 2729282
Conc: 21.51 ug/ml

Instrument :

FID_D

ClientSampleId :