

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048285.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 12:47
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 06 13:40:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.392	2934100	19.346 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
6) S 2-Fluorobiphenyl (SURR)	8.243	1882791	19.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.41%
11) S ortho-Terphenyl (SURR)	11.278	3325723	19.384 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.212	3403499	19.293 ug/ml
2) T Naphthalene (C11.7)	5.732	3526714	19.502 ug/ml
3) T 2-Methylnaphthalene (...)	6.779	3455988	19.317 ug/ml
5) T Acenaphthylene (C15.06)	8.045	3393291	19.422 ug/ml
7) T Acenaphthene (C15.5)	8.339	3449747	19.397 ug/ml
8) T Flouorene (C16.55)	9.118	3265149	19.499 ug/ml
9) T Phenanthrene (C19.36)	10.505	3122618	19.341 ug/ml
10) T Anthracene (C19.43)	10.580	3048429	19.157 ug/ml
12) T Fluoranthene (C21.85)	12.309	3112686	19.201 ug/ml
13) T Pyrene (C20.8)	12.602	3079020	19.203 ug/ml
14) T Benzo[a]anthracene (C...	14.470	2745339	19.599 ug/ml
15) T Chrysene (C27.41)	14.510	3130237	19.004 ug/ml
16) T benzo[b]fluoranthene ...	16.016	2904356	19.548 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	2915017	18.927 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	2882416	19.482 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	2027859	17.947 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	2788931	18.275 ug/ml
21) T Benzo[g,h,i]perylene ...	18.002	2710367	18.388 ug/ml

(f)=RT Delta > 1/2 Window

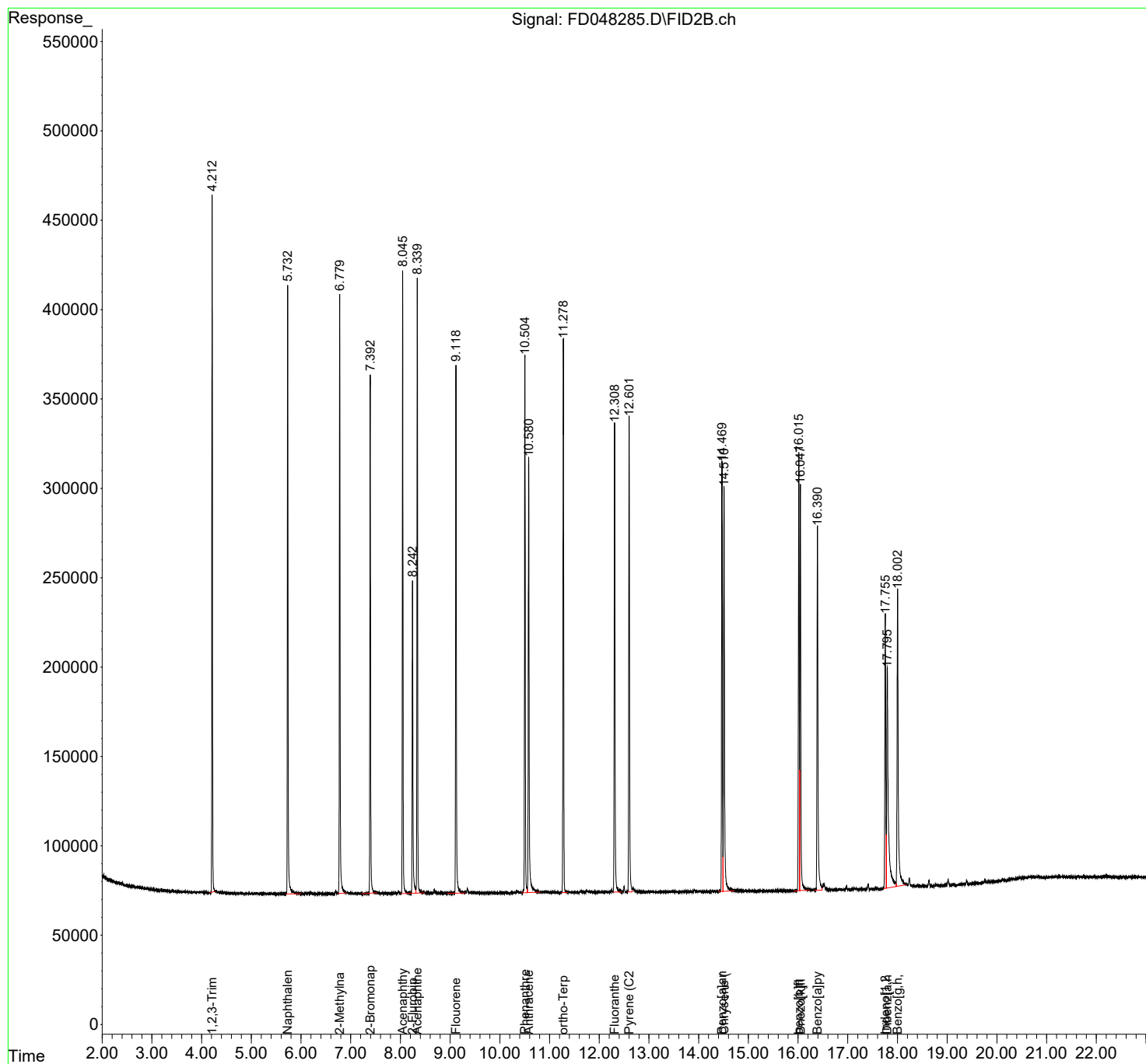
(m)=manual int.

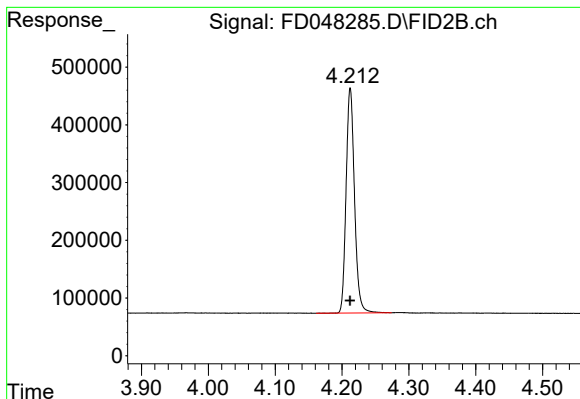
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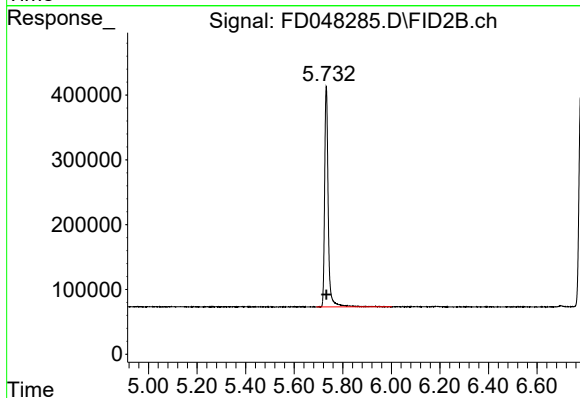




#1 1,2,3-Trimethylbenzene (C10.1)

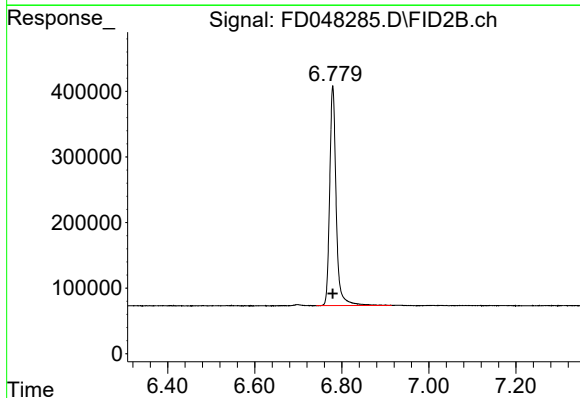
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 3403499
Conc: 19.29 ug/ml

Instrument :
FID_D
ClientSampleId :



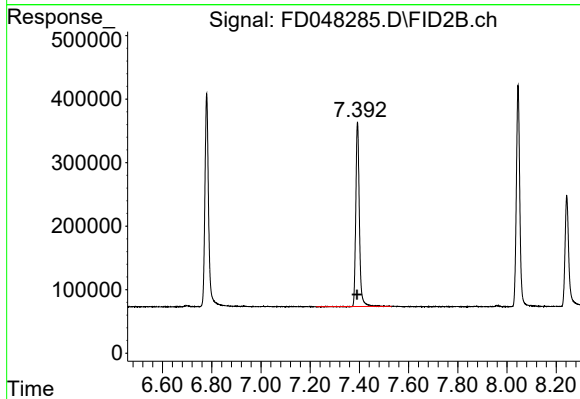
#2 Naphthalene (C11.7)

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 3526714
Conc: 19.50 ug/ml



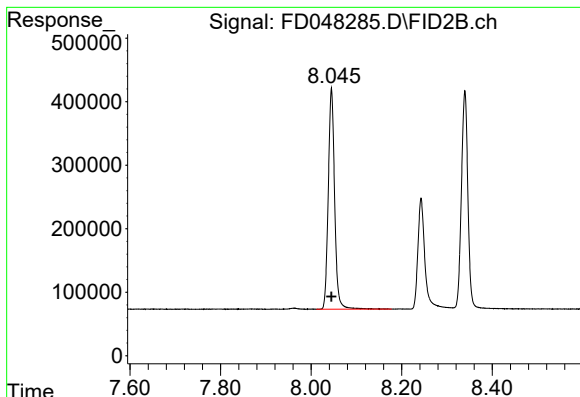
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 3455988
Conc: 19.32 ug/ml



#4 2-Bromonaphthalene (SURR)

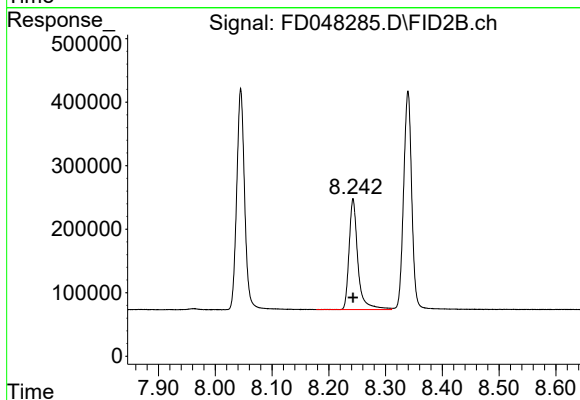
R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 2934100
Conc: 19.35 ug/ml



#5 Acenaphthylene (C15.06)

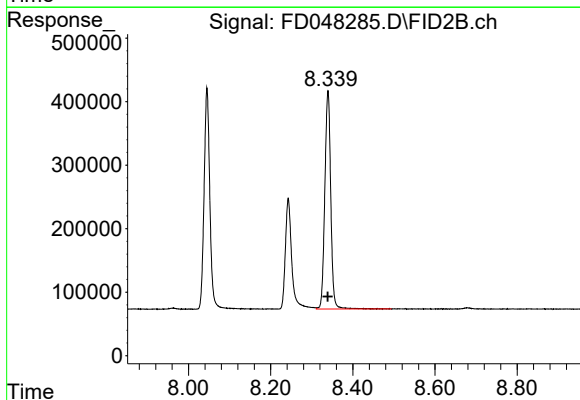
R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 3393291
Conc: 19.42 ug/ml

Instrument :
FID_D
ClientSampleId :



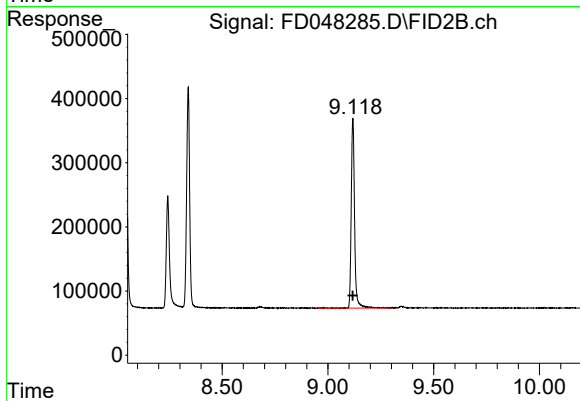
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 1882791
Conc: 19.70 ug/ml



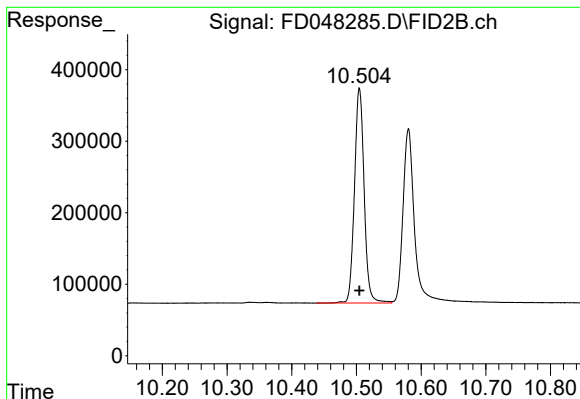
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 3449747
Conc: 19.40 ug/ml



#8 Fluorene (C16.55)

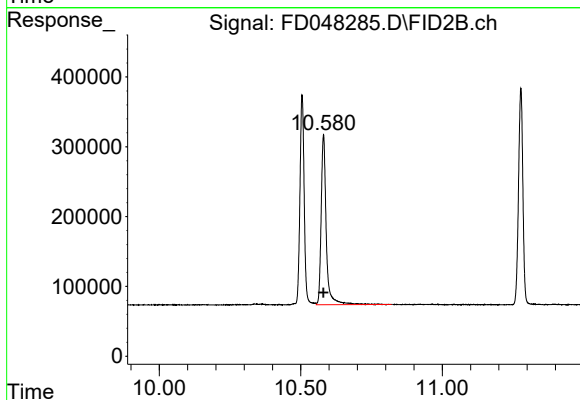
R.T.: 9.118 min
Delta R.T.: 0.000 min
Response: 3265149
Conc: 19.50 ug/ml



#9 Phenanthrene (C19.36)

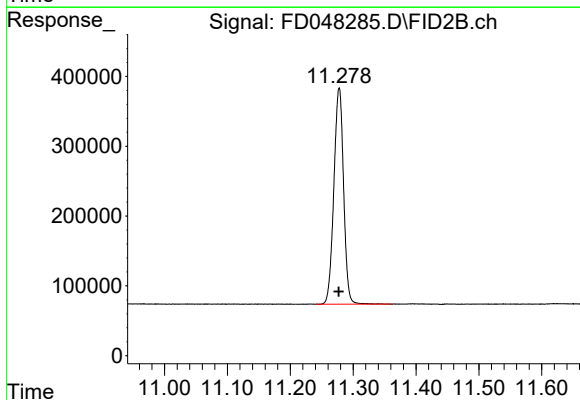
R.T.: 10.505 min
Delta R.T.: 0.000 min
Response: 3122618
Conc: 19.34 ug/ml

Instrument :
FID_D
ClientSampleId :



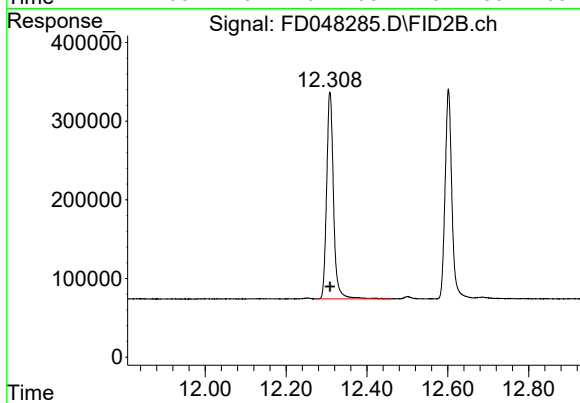
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: 0.000 min
Response: 3048429
Conc: 19.16 ug/ml



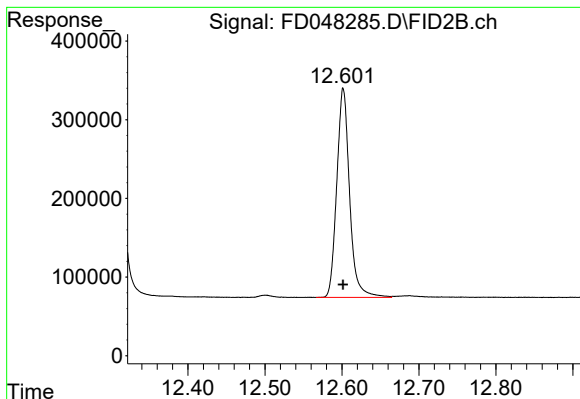
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 3325723
Conc: 19.38 ug/ml



#12 Fluoranthene (C21.85)

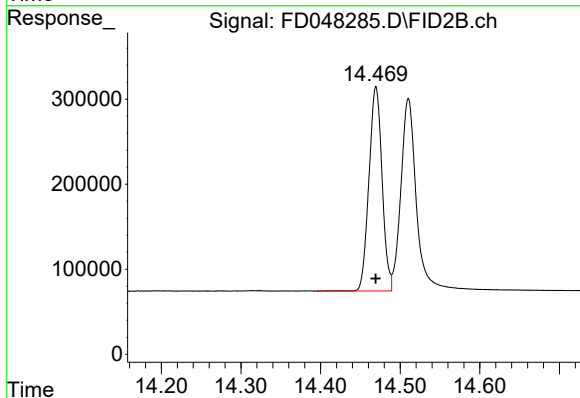
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 3112686
Conc: 19.20 ug/ml



#13 Pyrene (C20.8)

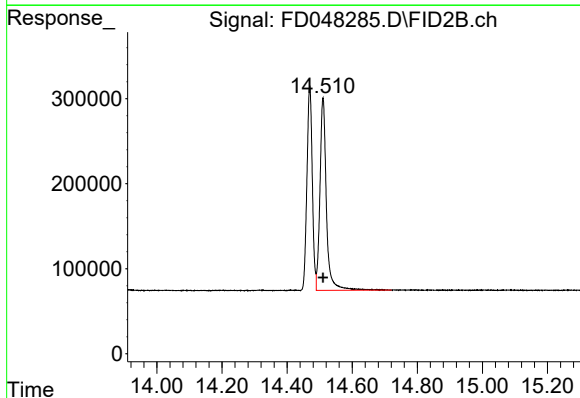
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 3079020
Conc: 19.20 ug/ml

Instrument :
FID_D
ClientSampleId :



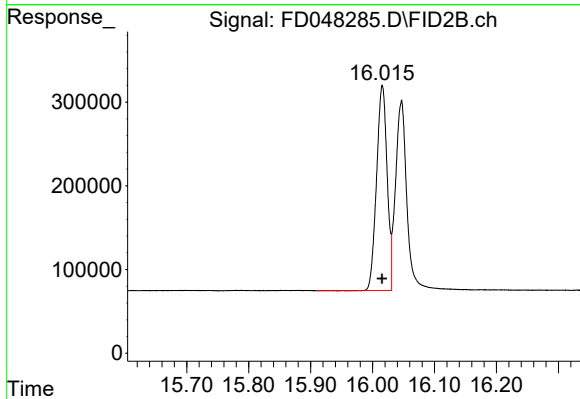
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min
Delta R.T.: 0.000 min
Response: 2745339
Conc: 19.60 ug/ml



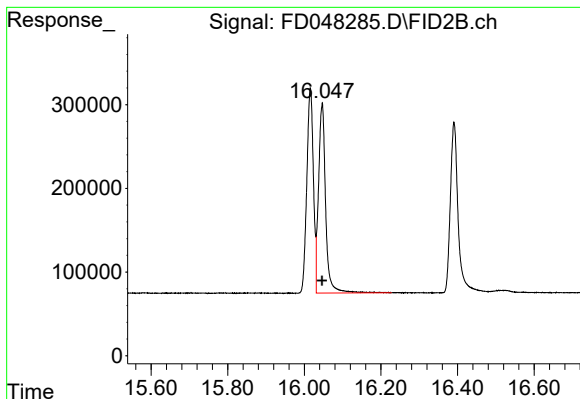
#15 Chrysene (C27.41)

R.T.: 14.510 min
Delta R.T.: 0.000 min
Response: 3130237
Conc: 19.00 ug/ml



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

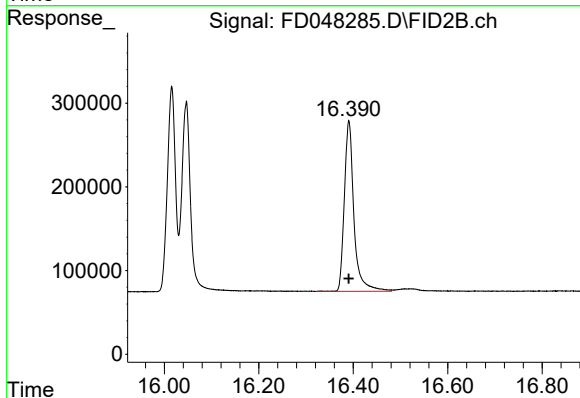
R.T.: 16.016 min
Delta R.T.: 0.000 min
Response: 2904356
Conc: 19.55 ug/ml



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

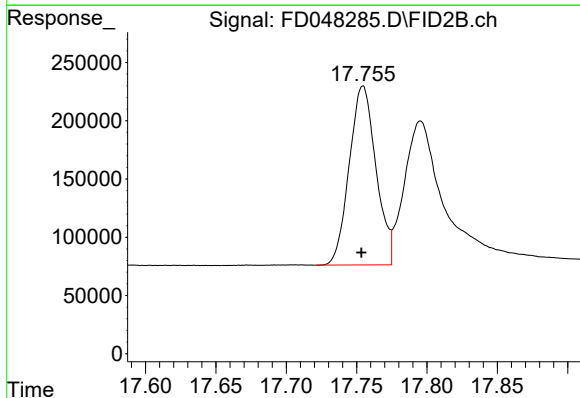
R.T.: 16.046 min
Delta R.T.: 0.000 min
Response: 2915017
Conc: 18.93 ug/ml

Instrument :
FID_D
ClientSampleId :



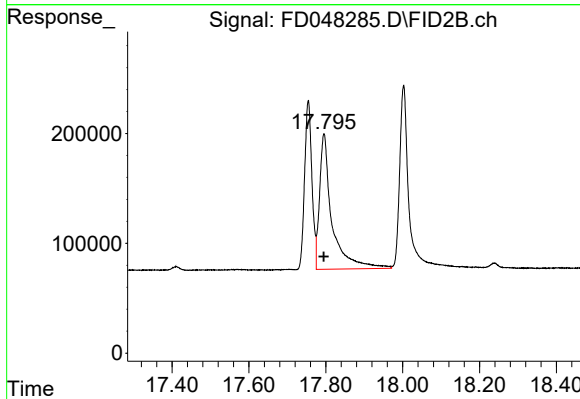
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: 0.000 min
Response: 2882416
Conc: 19.48 ug/ml



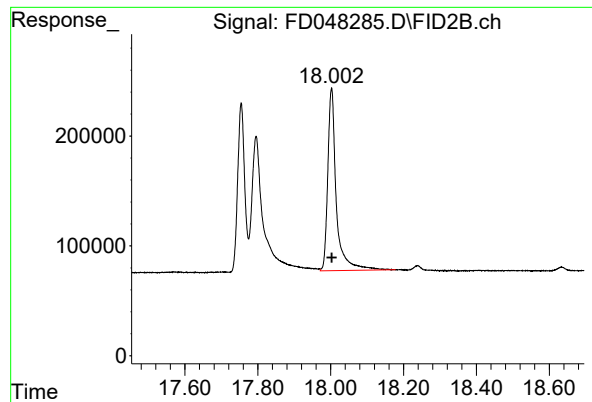
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: 0.001 min
Response: 2027859
Conc: 17.95 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 2788931
Conc: 18.27 ug/ml



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

R.T.: 18.002 min
Delta R.T.: 0.000 min
Response: 2710367
Conc: 18.39 ug/ml

Instrument :

FID_D

ClientSampleId :