

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040224AR\
 Data File : FD047476.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 14:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 01 15:26:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 15:25:49 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...	7.460	2953713	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.313	1935195	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.349	3381420	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3115951	20.000 ug/ml
2) T Naphthalene (C11.7)	5.801	3237004	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3256327	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.117	2985670	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.412	3161253	20.000 ug/ml
8) T Fluorene (C16.55)	9.190	3059270	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.579	2972192	20.000 ug/ml
10) T Anthracene (C19.43)	10.653	2700564	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.382	2920150	20.000 ug/ml
13) T Pyrene (C20.8)	12.677	2842798	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.542	2602447	20.000 ug/ml
15) T Chrysene (C27.41)	14.583	2768918	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.085	2752785	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2745695	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2716714	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.822	2656785	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	2672430	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	2737507	20.000 ug/ml

(f)=RT Delta > 1/2 Window

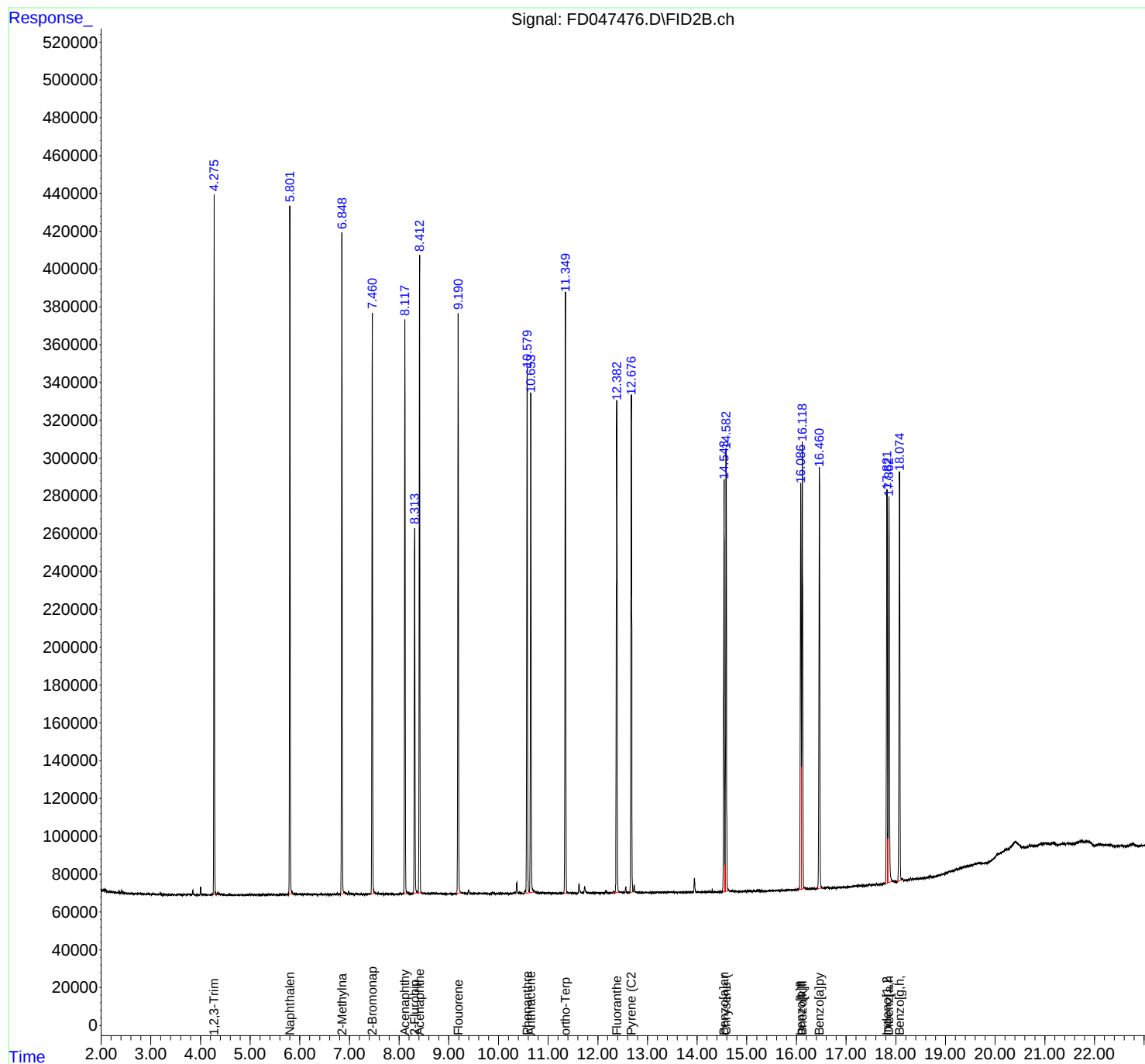
(m)=manual int.

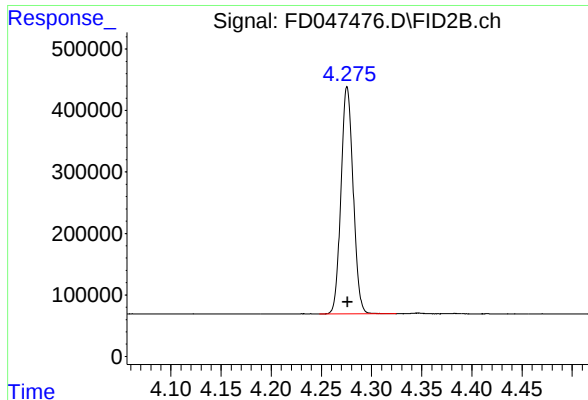
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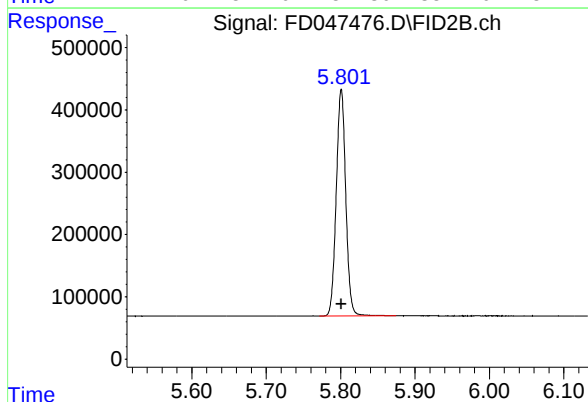




#1 1,2,3-Trimethylbenzene (C10.1)

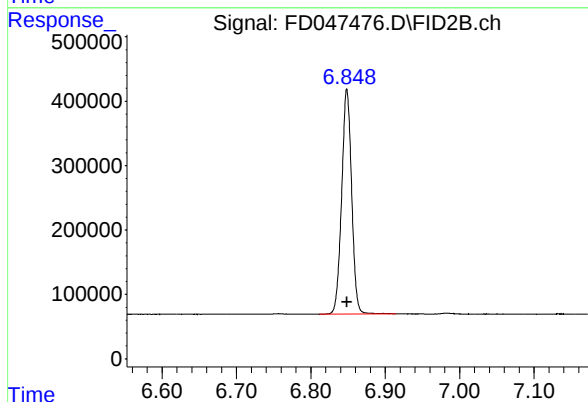
R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 3115951
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



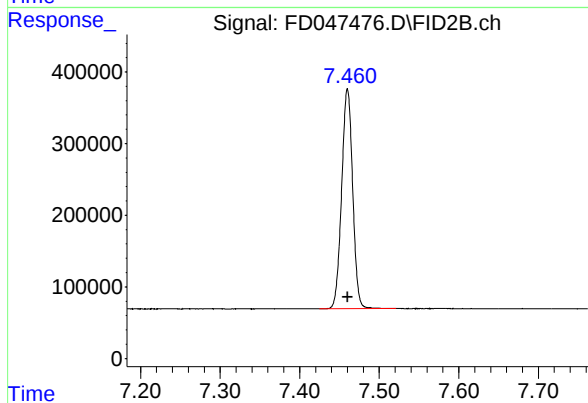
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 3237004
Conc: 20.00 ug/ml



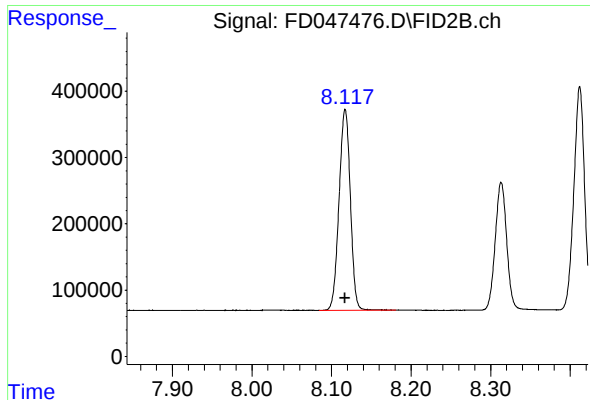
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3256327
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

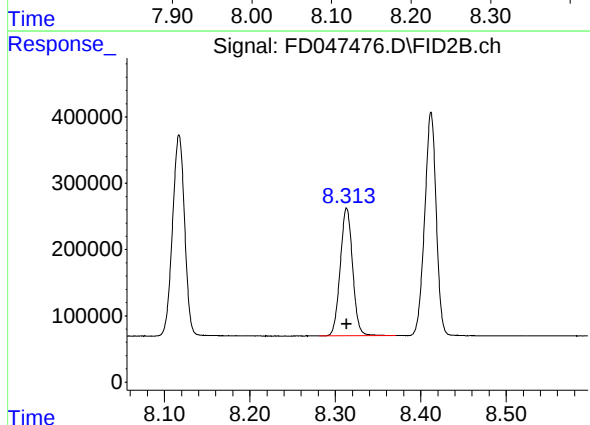
R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 2953713
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

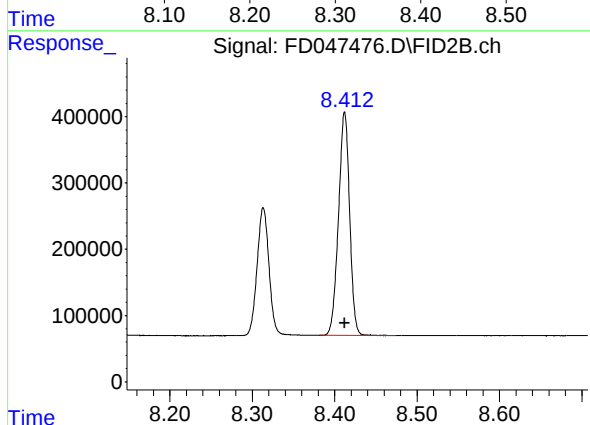
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 2985670
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



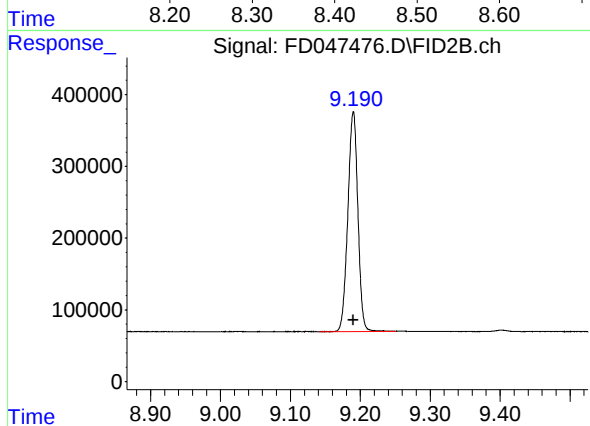
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 1935195
Conc: 20.00 ug/ml



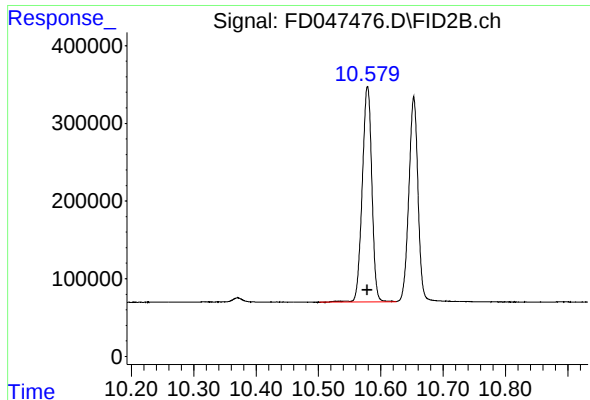
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.000 min
Response: 3161253
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

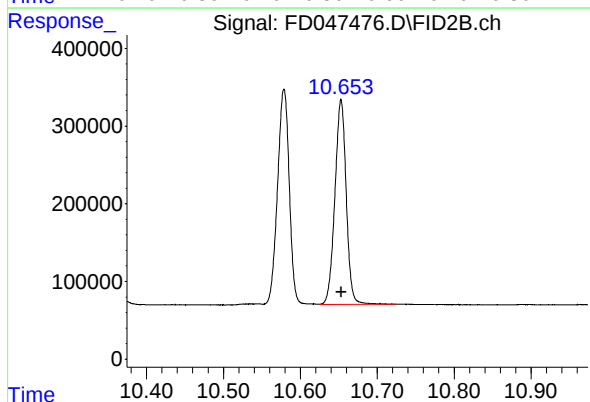
R.T.: 9.190 min
Delta R.T.: 0.000 min
Response: 3059270
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

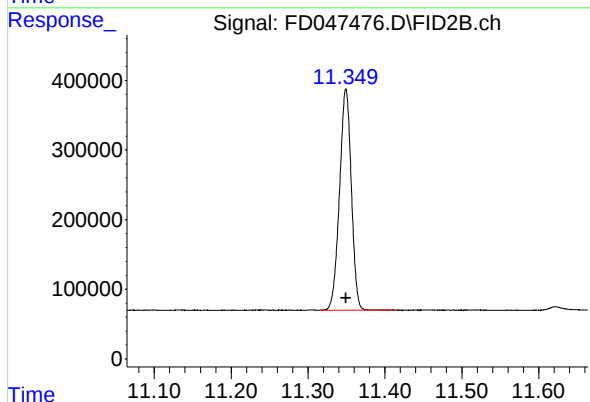
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 2972192
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



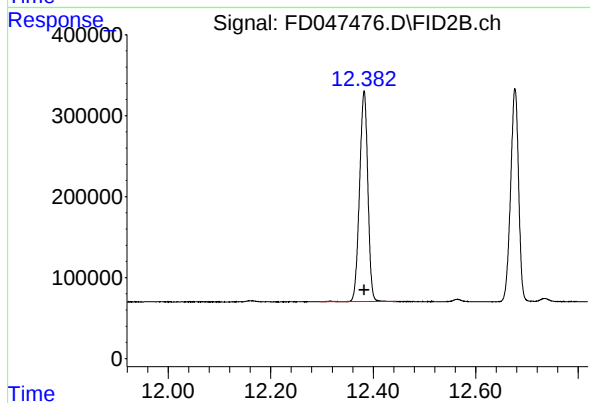
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.000 min
Response: 2700564
Conc: 20.00 ug/ml



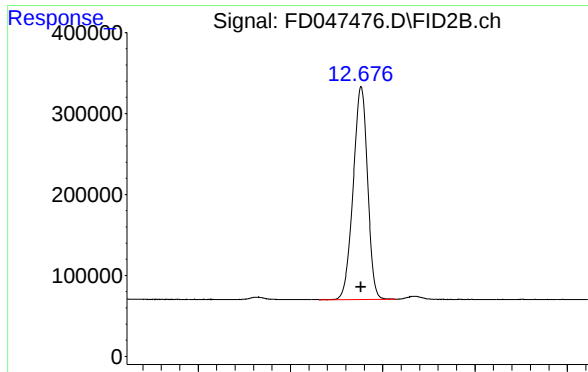
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.000 min
Response: 3381420
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

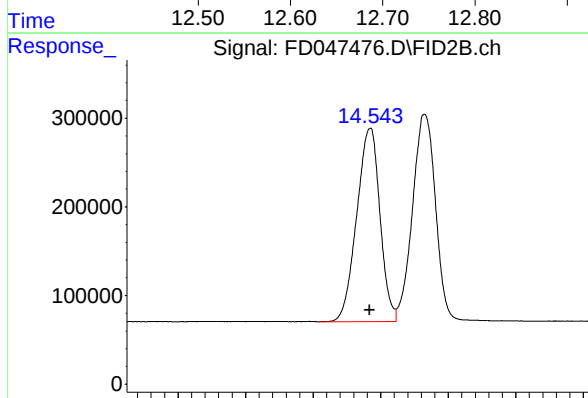
R.T.: 12.382 min
Delta R.T.: 0.000 min
Response: 2920150
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

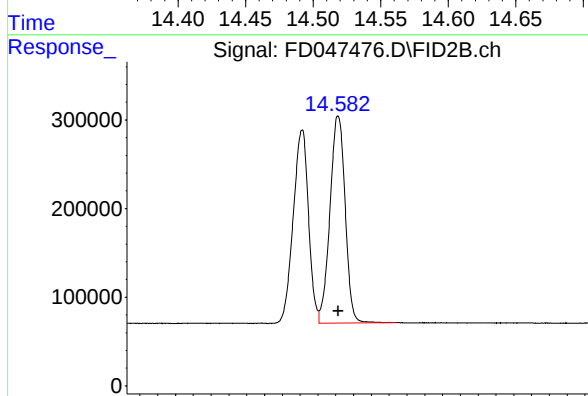
R.T.: 12.677 min
Delta R.T.: 0.000 min
Response: 2842798
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



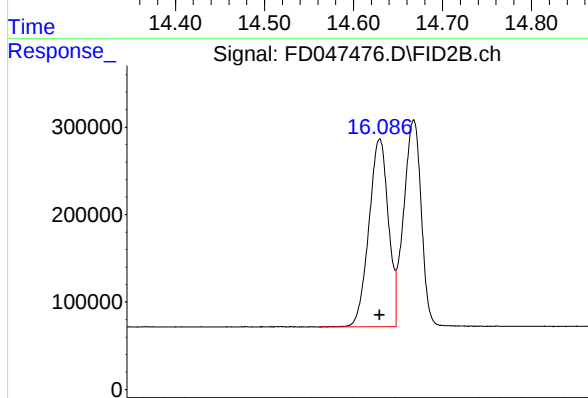
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.542 min
Delta R.T.: 0.000 min
Response: 2602447
Conc: 20.00 ug/ml



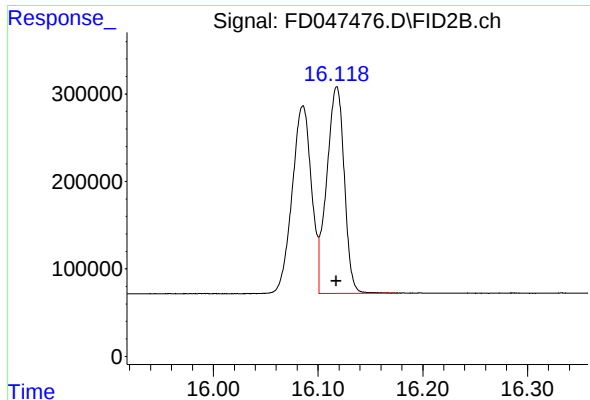
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 2768918
Conc: 20.00 ug/ml



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

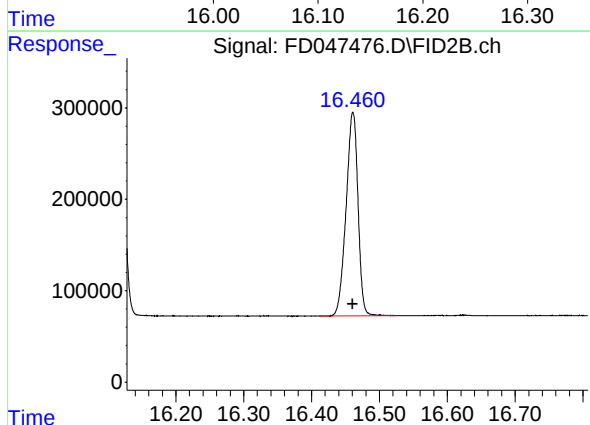
R.T.: 16.085 min
Delta R.T.: 0.000 min
Response: 2752785
Conc: 20.00 ug/ml



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

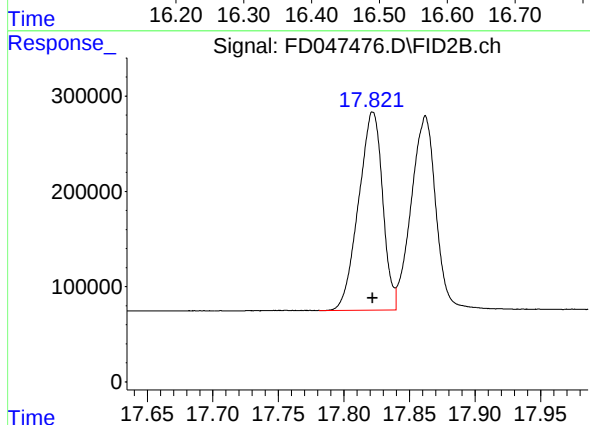
R.T.: 16.118 min
Delta R.T.: 0.000 min
Response: 2745695
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



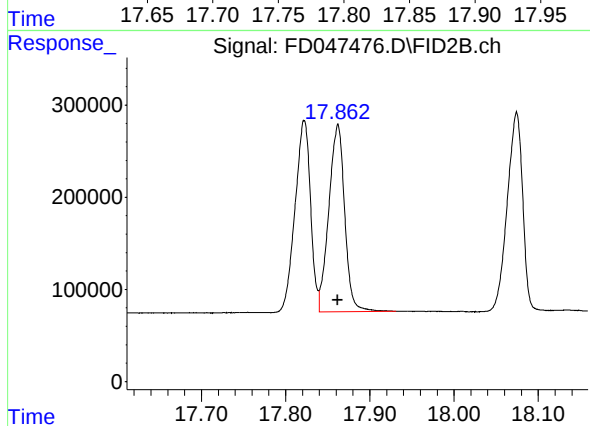
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.000 min
Response: 2716714
Conc: 20.00 ug/ml



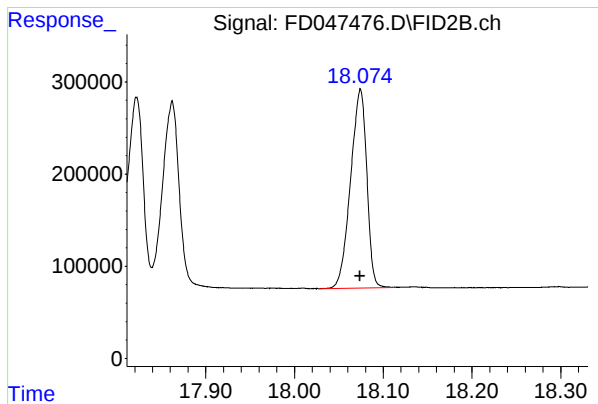
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 2656785
Conc: 20.00 ug/ml



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

R.T.: 17.862 min
Delta R.T.: 0.000 min
Response: 2672430
Conc: 20.00 ug/ml



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

R.T.: 18.074 min

Delta R.T.: 0.000 min

Response: 2737507

Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :