

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047334.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 09:02
 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: Feb 27 11:31:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.462	3612636	23.730 ug/ml
Spiked Amount 50.000		Recovery =	47.46%
6) S 2-Fluorobiphenyl (SURR)	8.315	2401930	23.763 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.53%
11) S ortho-Terphenyl (SURR)	11.352	4115650	23.335 ug/ml
Spiked Amount 50.000		Recovery =	46.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	3740605	23.728 ug/ml
2) T Naphthalene (C11.7)	5.802	3938285	23.697 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	4000899	23.724 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3556494	23.107 ug/ml
7) T Acenaphthene (C15.5)	8.413	3858411	23.408 ug/ml
8) T Flouorene (C16.55)	9.192	3757604	23.700 ug/ml
9) T Phenanthrene (C19.36)	10.580	3586605	23.086 ug/ml
10) T Anthracene (C19.43)	10.654	2717792	18.430 ug/ml
12) T Fluoranthene (C21.85)	12.384	3721430	24.035 ug/ml
13) T Pyrene (C20.8)	12.677	3457459	22.984 ug/ml
14) T Benzo[a]anthracene (C...	14.540	3044526	22.649 ug/ml
15) T Chrysene (C27.41)	14.583	3362593	22.963 ug/ml
16) T benzo[b]fluoranthene ...	16.083	3117216	22.640 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	3324982	23.962 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	2875325	21.239 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	2910774	23.056 ug/ml
20) T Dibenz[a,h]anthracene...	17.856	2948243	22.127 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	3045347	22.967 ug/ml

(f)=RT Delta > 1/2 Window

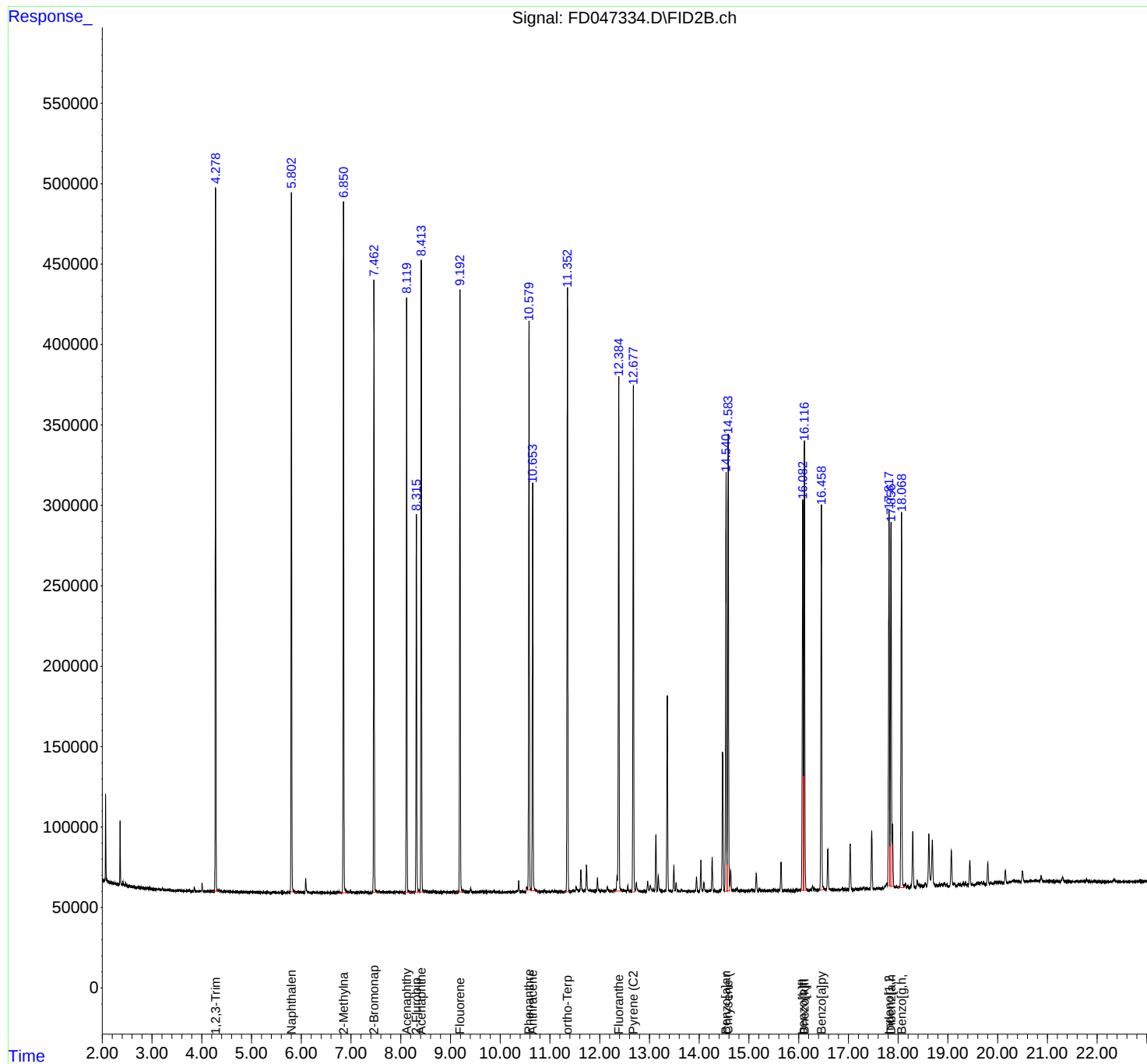
(m)=manual int.

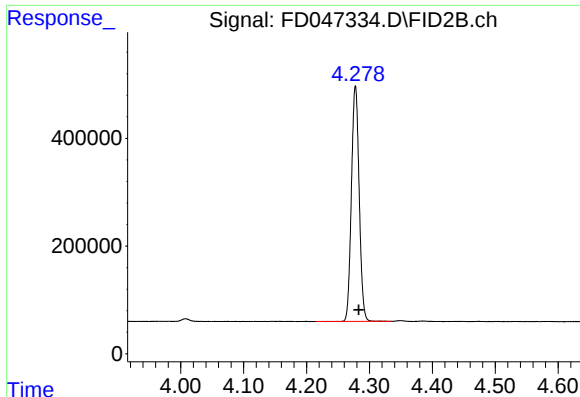
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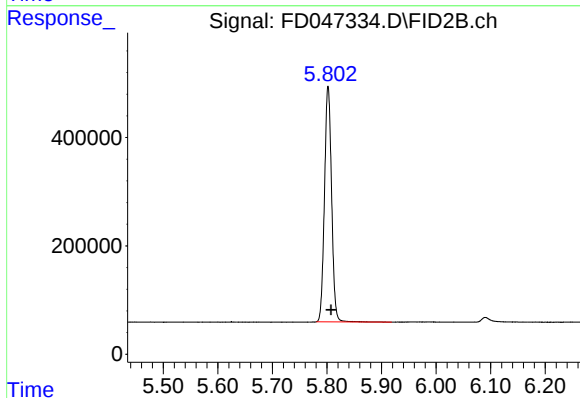




#1 1,2,3-Trimethylbenzene (C10.1)

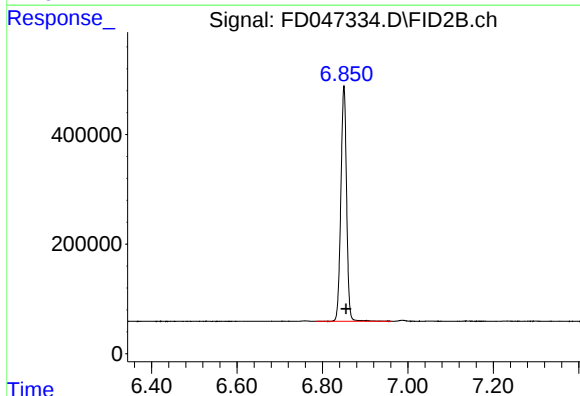
R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 3740605
Conc: 23.73 ug/ml

Instrument :
FID_D
ClientSampleId :



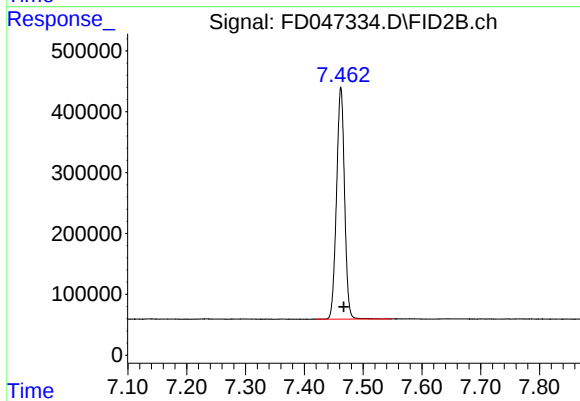
#2 Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: -0.006 min
Response: 3938285
Conc: 23.70 ug/ml



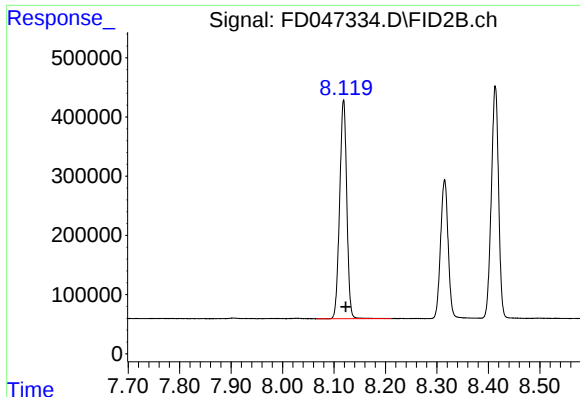
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: -0.005 min
Response: 4000899
Conc: 23.72 ug/ml



#4 2-Bromonaphthalene (SURR)

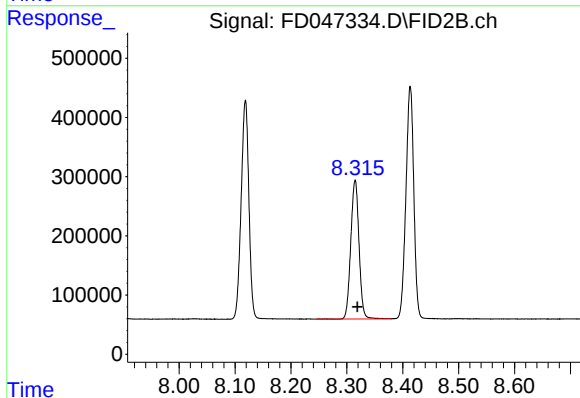
R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 3612636
Conc: 23.73 ug/ml



#5 Acenaphthylene (C15.06)

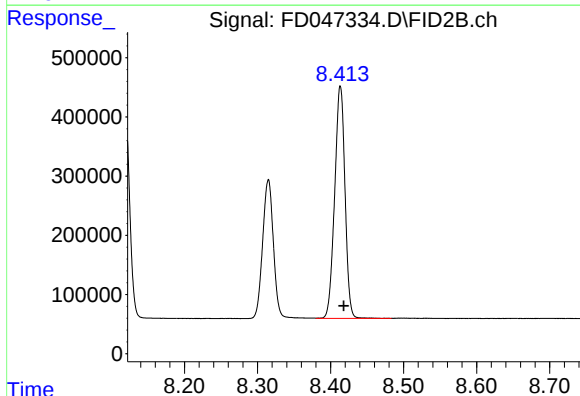
R.T.: 8.118 min
Delta R.T.: -0.004 min
Response: 3556494
Conc: 23.11 ug/ml

Instrument :
FID_D
ClientSampleId :



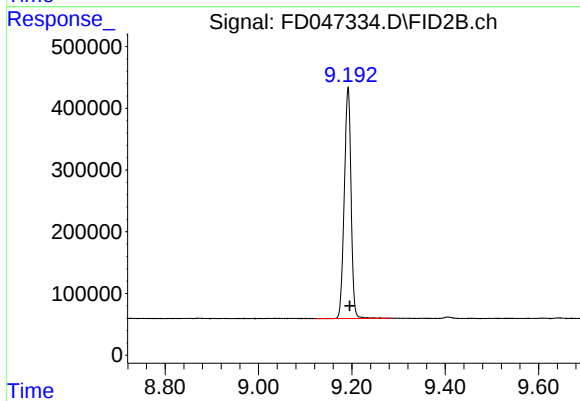
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 2401930
Conc: 23.76 ug/ml



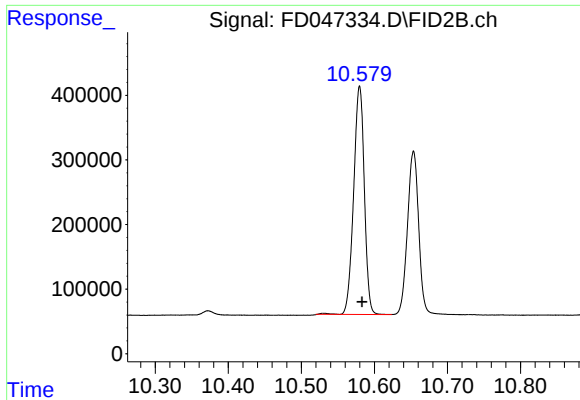
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: -0.004 min
Response: 3858411
Conc: 23.41 ug/ml



#8 Fluorene (C16.55)

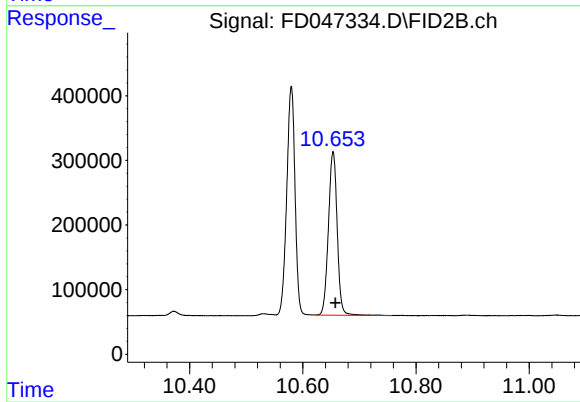
R.T.: 9.192 min
Delta R.T.: -0.004 min
Response: 3757604
Conc: 23.70 ug/ml



#9 Phenanthrene (C19.36)

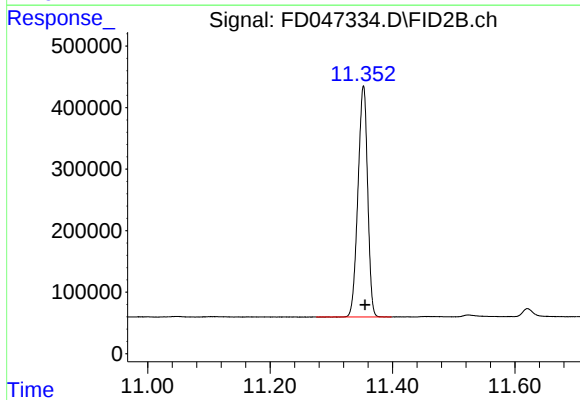
R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 3586605
Conc: 23.09 ug/ml

Instrument :
FID_D
ClientSampleId :



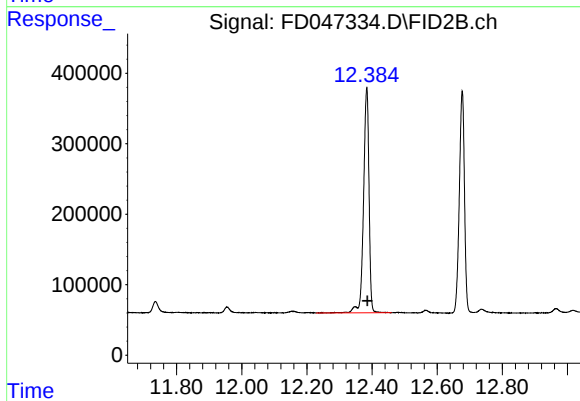
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: -0.004 min
Response: 2717792
Conc: 18.43 ug/ml



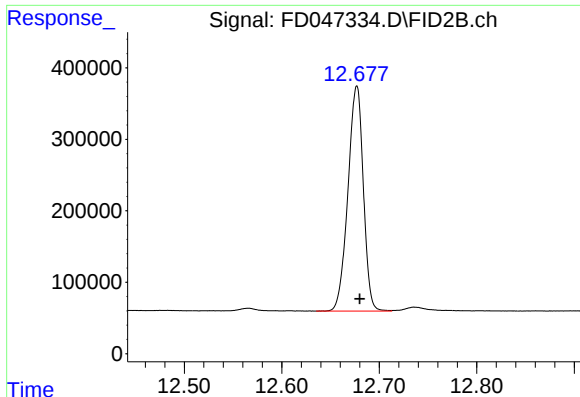
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: -0.003 min
Response: 4115650
Conc: 23.34 ug/ml



#12 Fluoranthene (C21.85)

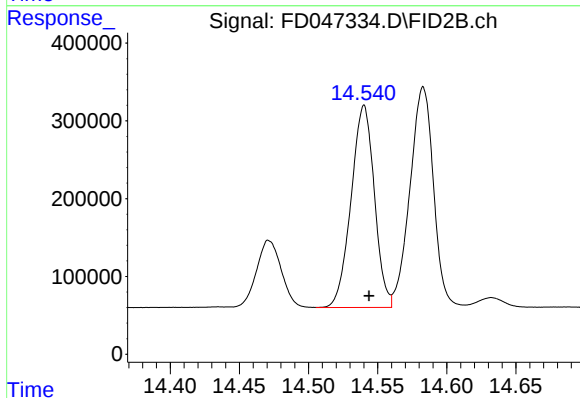
R.T.: 12.384 min
Delta R.T.: -0.003 min
Response: 3721430
Conc: 24.04 ug/ml



#13 Pyrene (C20.8)

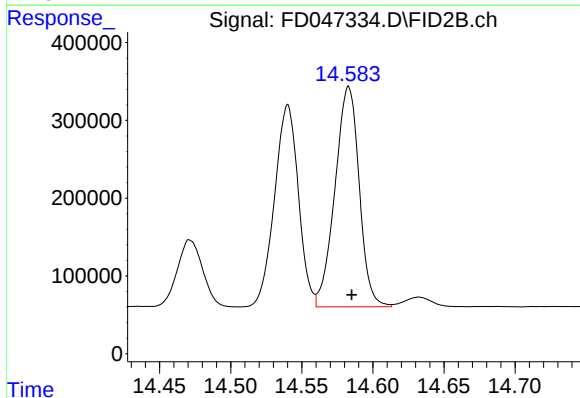
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 3457459
Conc: 22.98 ug/ml

Instrument :
FID_D
ClientSampleId :



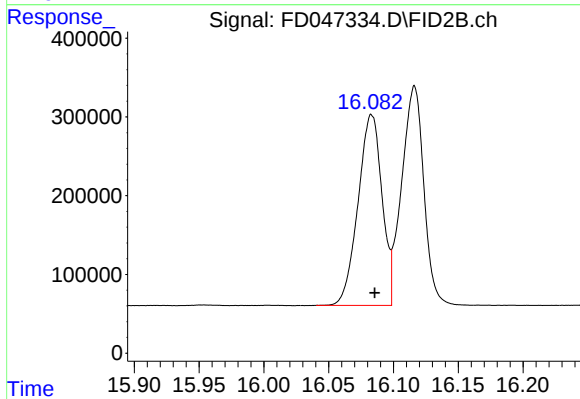
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: -0.004 min
Response: 3044526
Conc: 22.65 ug/ml



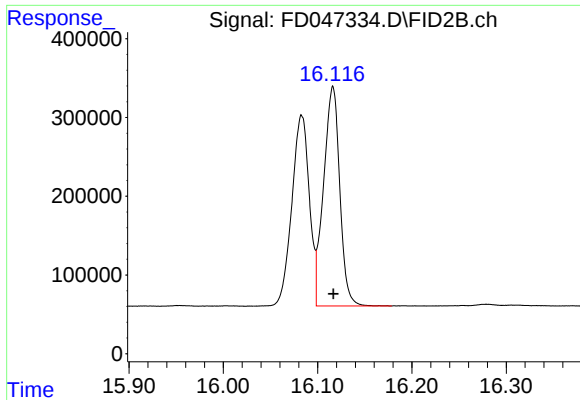
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.002 min
Response: 3362593
Conc: 22.96 ug/ml



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

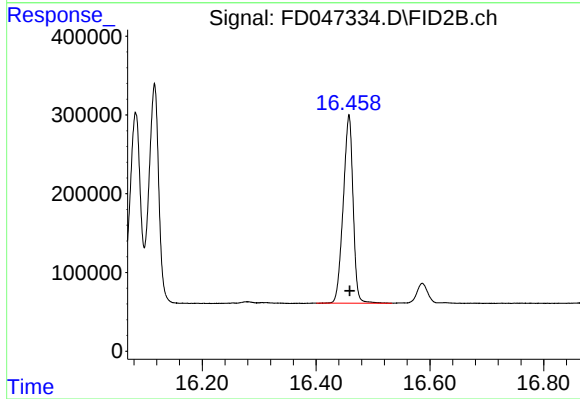
R.T.: 16.083 min
Delta R.T.: -0.003 min
Response: 3117216
Conc: 22.64 ug/ml



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

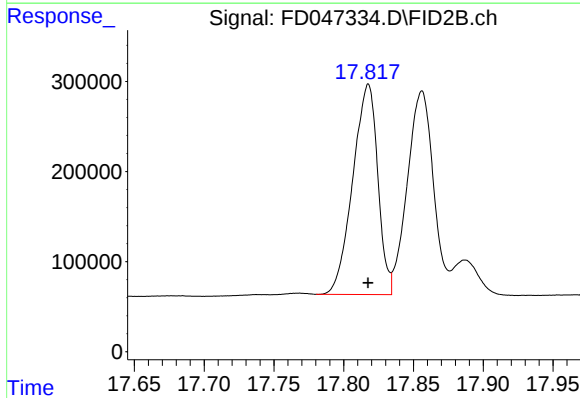
R.T.: 16.116 min
Delta R.T.: 0.000 min
Response: 3324982
Conc: 23.96 ug/ml

Instrument :
FID_D
ClientSampleId :



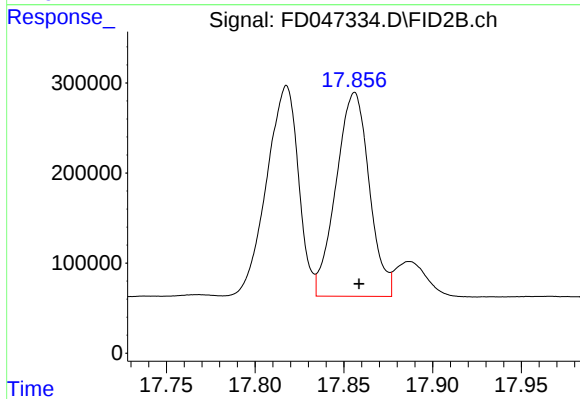
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: -0.002 min
Response: 2875325
Conc: 21.24 ug/ml



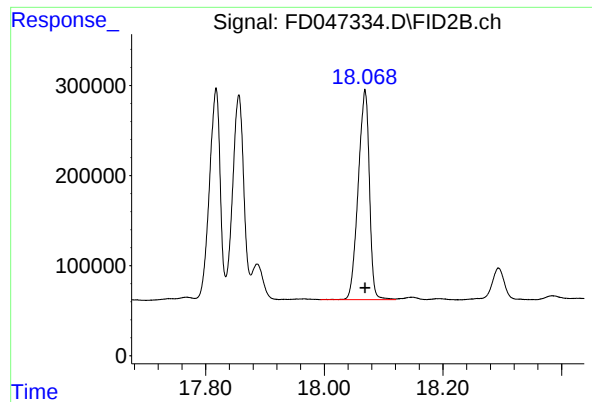
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 2910774
Conc: 23.06 ug/ml



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

R.T.: 17.856 min
Delta R.T.: -0.003 min
Response: 2948243
Conc: 22.13 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 3045347
Conc: 22.97 ug/ml

Instrument :

FID_D

ClientSampleId :