

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047535.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2024 19:26
 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: Apr 19 04:34:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.461	3024814	20.233 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
6) S 2-Fluorobiphenyl (SURR)	8.314	1981446	20.279 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.56%
11) S ortho-Terphenyl (SURR)	11.352	3470001	20.242 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	3268493	20.685 ug/ml
2) T Naphthalene (C11.7)	5.801	3349189	20.467 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3352301	20.381 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3007849	19.927 ug/ml
7) T Acenaphthene (C15.5)	8.412	3241205	20.237 ug/ml
8) T Flouorene (C16.55)	9.190	3121137	20.175 ug/ml
9) T Phenanthrene (C19.36)	10.579	3011871	20.244 ug/ml
10) T Anthracene (C19.43)	10.653	2295020	16.874 ug/ml
12) T Fluoranthene (C21.85)	12.384	2998750	20.285 ug/ml
13) T Pyrene (C20.8)	12.678	2915638	20.202 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2645258	20.114 ug/ml
15) T Chrysene (C27.41)	14.587	2885584	20.464 ug/ml
16) T benzo[b]fluoranthene ...	16.090	2853029	20.450 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	2871699	20.647 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	2795411	20.359 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	2544002	18.860 ug/ml
20) T Dibenz[a,h]anthracene...	17.868	2763607	20.563 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	2754889	19.849 ug/ml

(f)=RT Delta > 1/2 Window

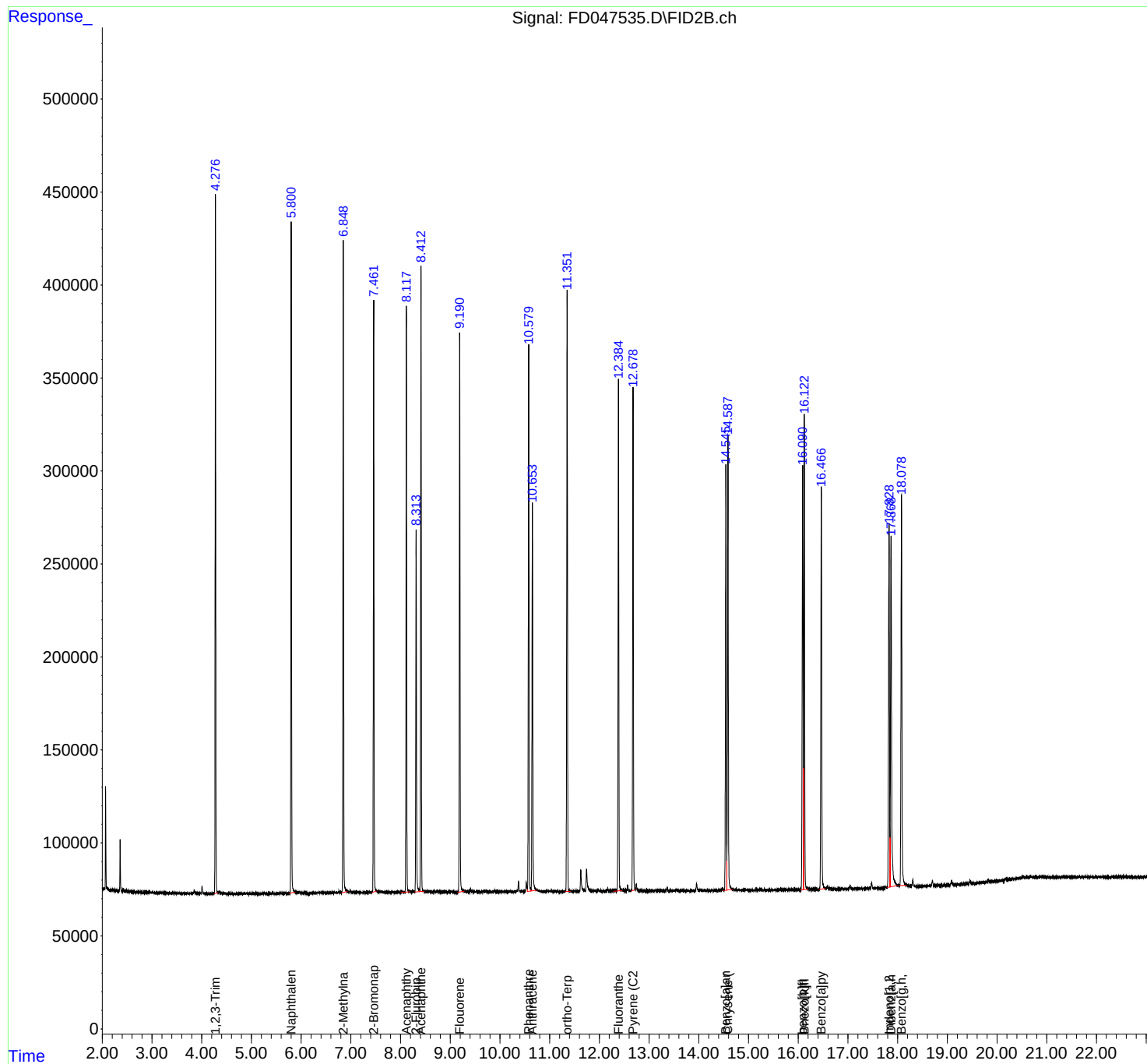
(m)=manual int.

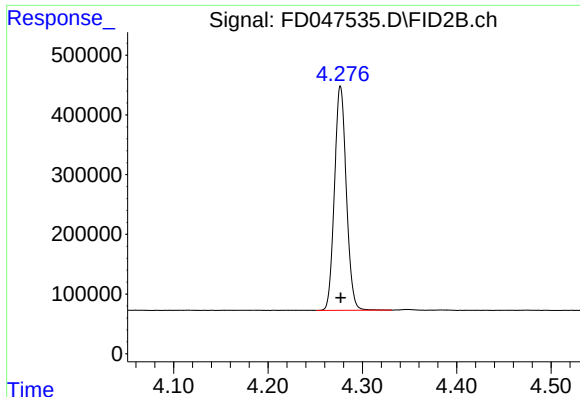
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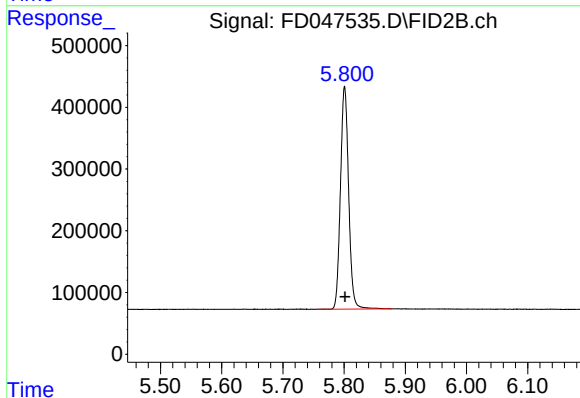




#1 1,2,3-Trimethylbenzene (C10.1)

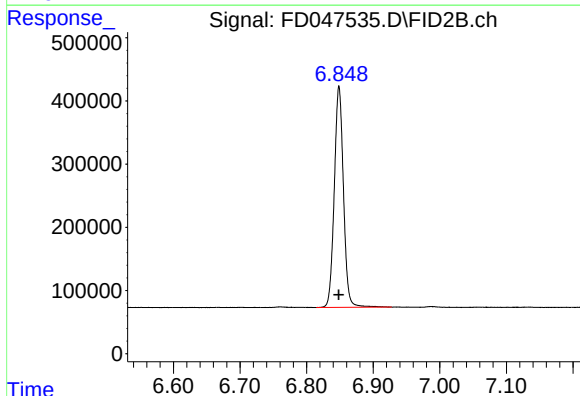
R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 3268493
Conc: 20.68 ug/ml

Instrument :
FID_D
ClientSampleId :



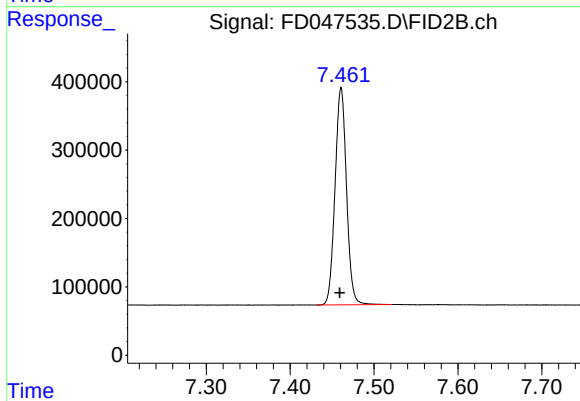
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 3349189
Conc: 20.47 ug/ml



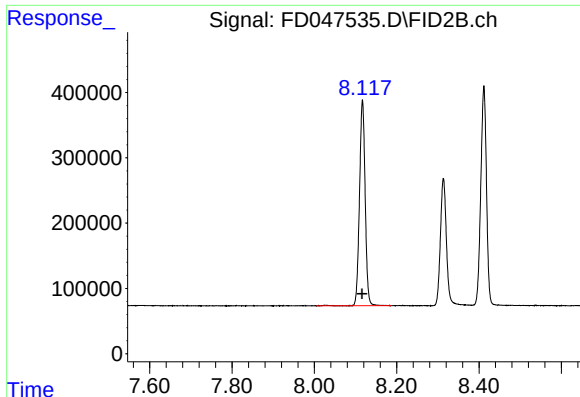
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 3352301
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

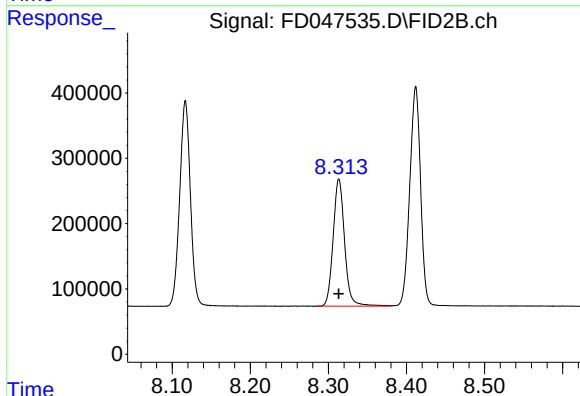
R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 3024814
Conc: 20.23 ug/ml



#5 Acenaphthylene (C15.06)

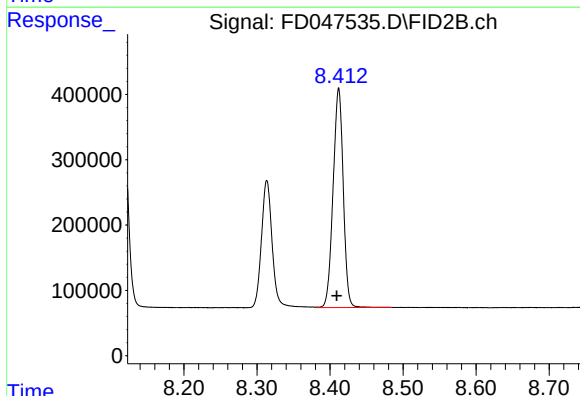
R.T.: 8.117 min
Delta R.T.: 0.001 min
Response: 3007849
Conc: 19.93 ug/ml

Instrument :
FID_D
ClientSampleId :



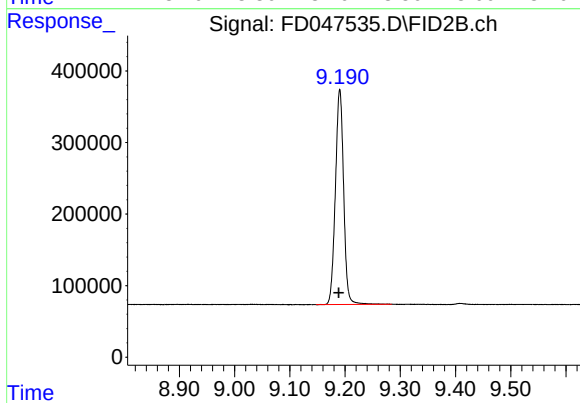
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 1981446
Conc: 20.28 ug/ml



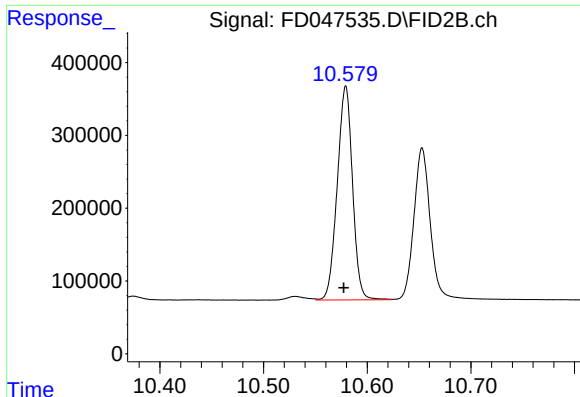
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 3241205
Conc: 20.24 ug/ml



#8 Fluorene (C16.55)

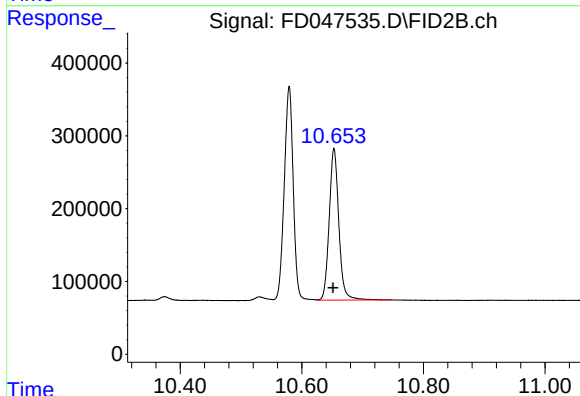
R.T.: 9.190 min
Delta R.T.: 0.002 min
Response: 3121137
Conc: 20.18 ug/ml



#9 Phenanthrene (C19.36)

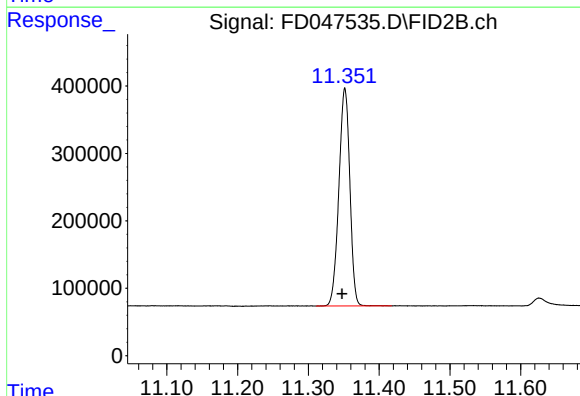
R.T.: 10.579 min
Delta R.T.: 0.002 min
Response: 3011871
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :



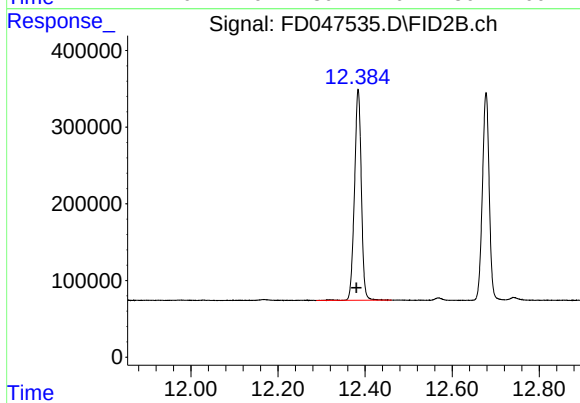
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.002 min
Response: 2295020
Conc: 16.87 ug/ml



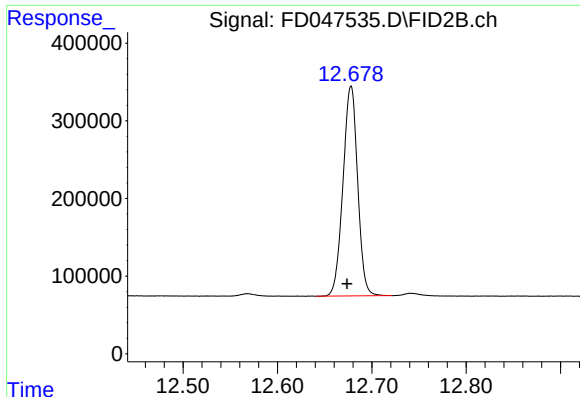
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.004 min
Response: 3470001
Conc: 20.24 ug/ml



#12 Fluoranthene (C21.85)

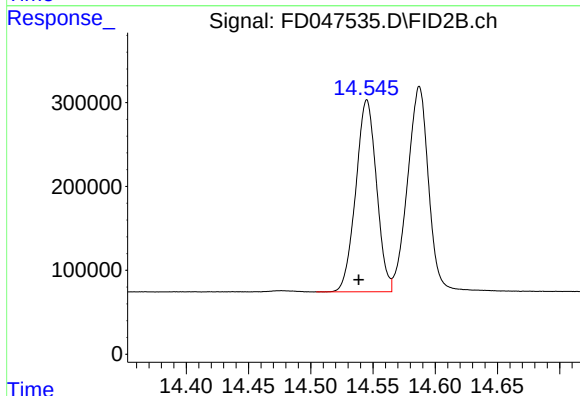
R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 2998750
Conc: 20.29 ug/ml



#13 Pyrene (C20.8)

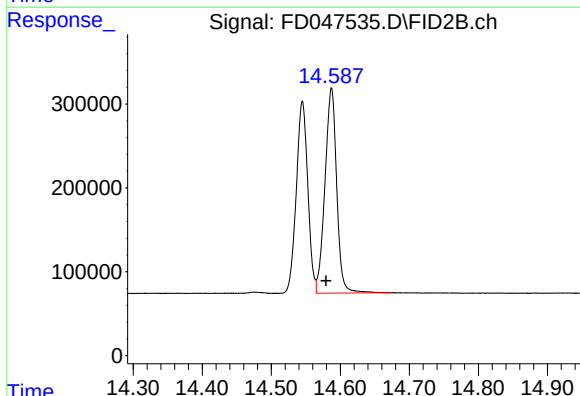
R.T.: 12.678 min
Delta R.T.: 0.004 min
Response: 2915638
Conc: 20.20 ug/ml

Instrument :
FID_D
ClientSampleId :



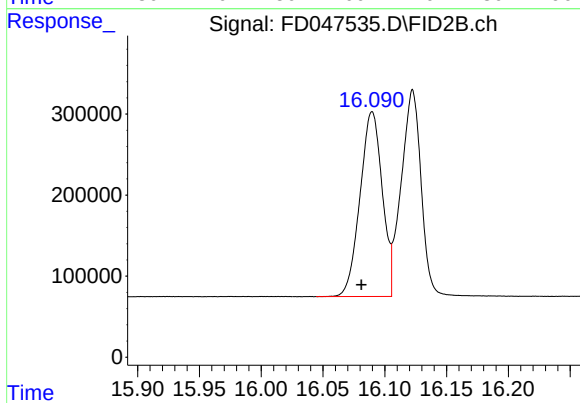
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.007 min
Response: 2645258
Conc: 20.11 ug/ml



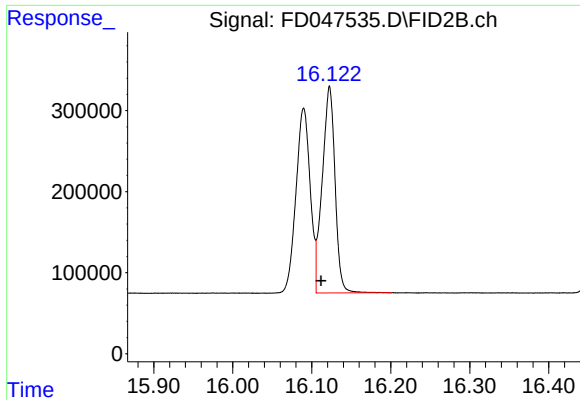
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.008 min
Response: 2885584
Conc: 20.46 ug/ml



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

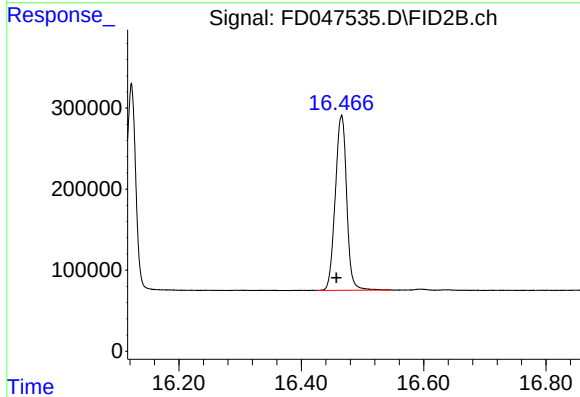
R.T.: 16.090 min
Delta R.T.: 0.009 min
Response: 2853029
Conc: 20.45 ug/ml



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

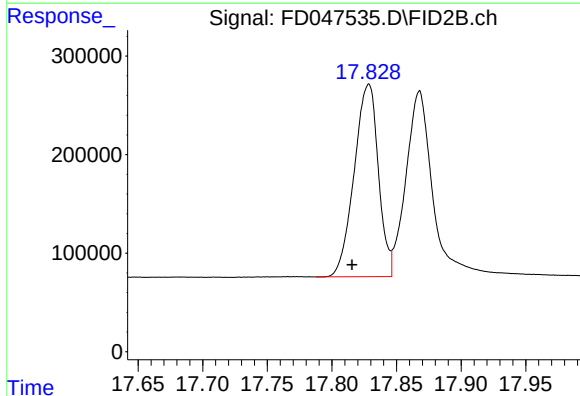
R.T.: 16.122 min
Delta R.T.: 0.011 min
Response: 2871699
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :



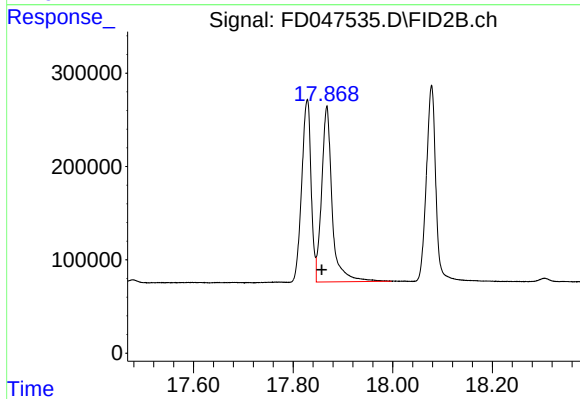
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.008 min
Response: 2795411
Conc: 20.36 ug/ml



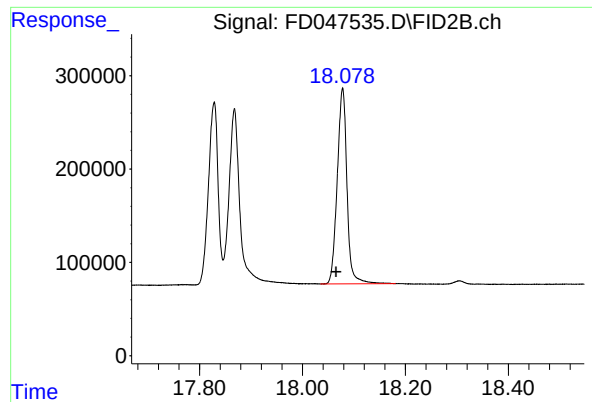
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.012 min
Response: 2544002
Conc: 18.86 ug/ml



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

R.T.: 17.868 min
Delta R.T.: 0.010 min
Response: 2763607
Conc: 20.56 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.012 min
Response: 2754889
Conc: 19.85 ug/ml

Instrument :

FID_D

ClientSampleId :