

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112923AR\
 Data File : FD046977.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2023 17:21
 Operator : YP/AJ
 Sample : PB157457BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 29 23:48:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.476	7133130	41.231 ug/ml
Spiked Amount 50.000		Recovery =	82.46%
6) S 2-Fluorobiphenyl (SURR)	8.329	4271874	39.285 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.57%
11) S ortho-Terphenyl (SURR)	11.368	7479422	37.586 ug/ml
Spiked Amount 50.000		Recovery =	75.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	3924405	21.092 ug/ml
2) T Naphthalene (C11.7)	5.815	5786989	30.389 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	6078324	31.564 ug/ml
5) T Acenaphthylene (C15.06)	8.133	6693030	38.449 ug/ml
7) T Acenaphthene (C15.5)	8.428	6680441	36.022 ug/ml
8) T Fluorene (C16.55)	9.208	6899353	39.970 ug/ml
9) T Phenanthrene (C19.36)	10.597	6951619	42.340 ug/ml
10) T Anthracene (C19.43)	10.672	6701746	43.338 ug/ml
12) T Fluoranthene (C21.85)	12.400	7010174	44.229 ug/ml
13) T Pyrene (C20.8)	12.695	7010345	45.819 ug/ml
14) T Benzo[a]anthracene (C...	14.558	5928105	45.720 ug/ml
15) T Chrysene (C27.41)	14.601	6029031	42.063 ug/ml
16) T benzo[b]fluoranthene ...	16.101	5967662	44.678 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	5754807	42.122 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	5494592	41.940 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	5297136	44.394 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	4822290	37.112 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	5306145	40.554 ug/ml

(f)=RT Delta > 1/2 Window

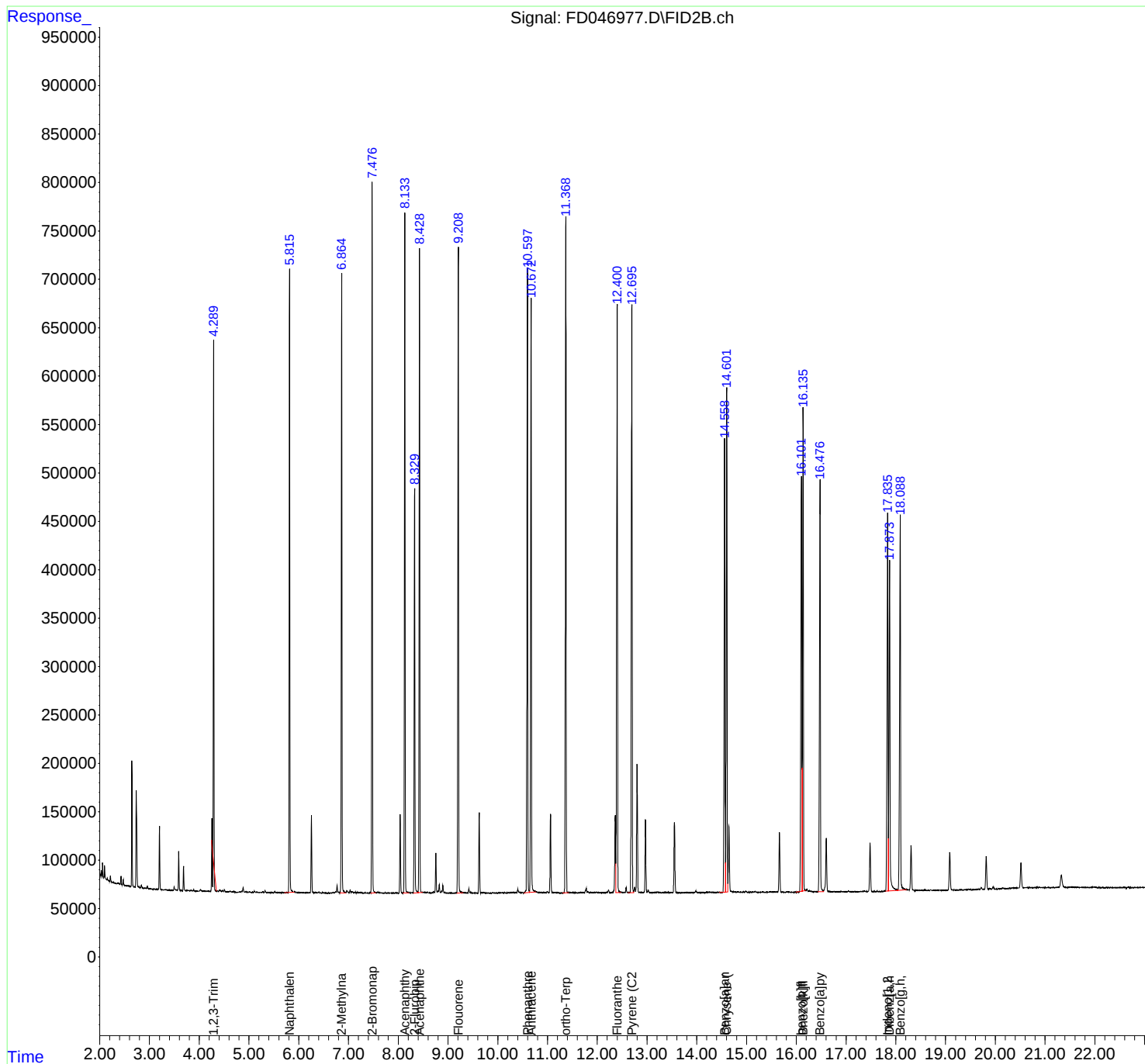
(m)=manual int.

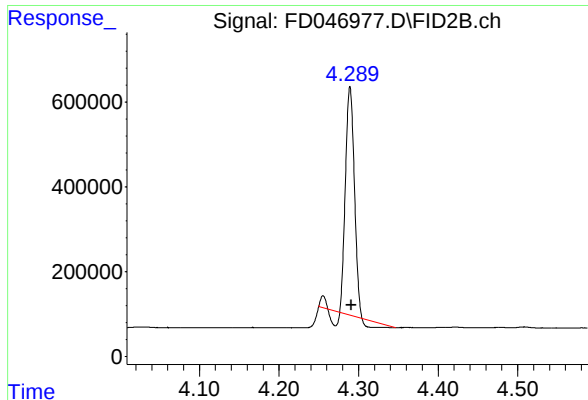
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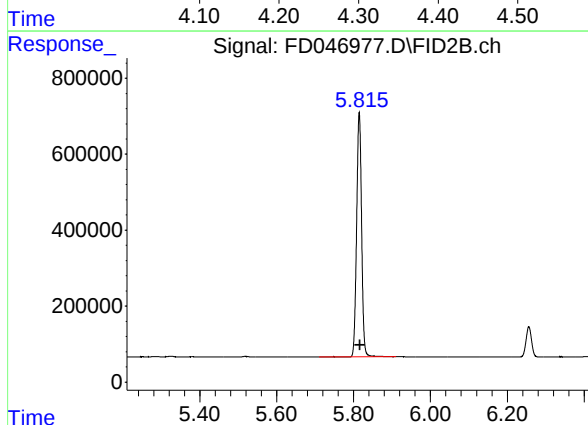




#1 1,2,3-Trimethylbenzene (C10.1)

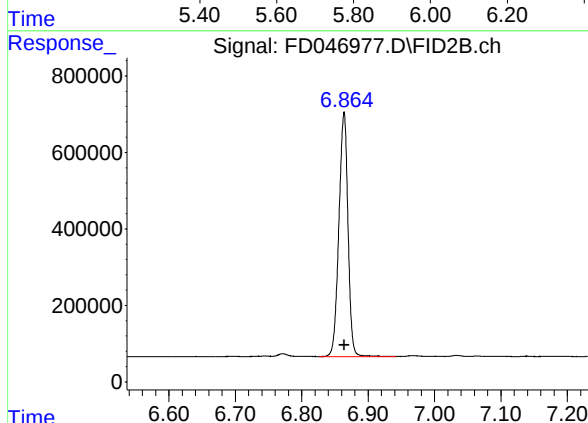
R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 3924405
Conc: 21.09 ug/ml

Instrument :
FID_D
ClientSampleId :



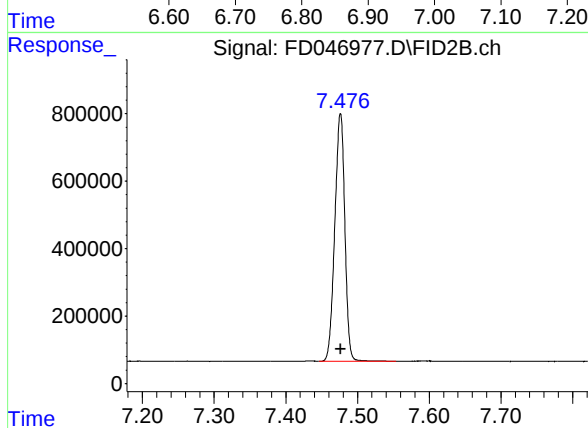
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 5786989
Conc: 30.39 ug/ml



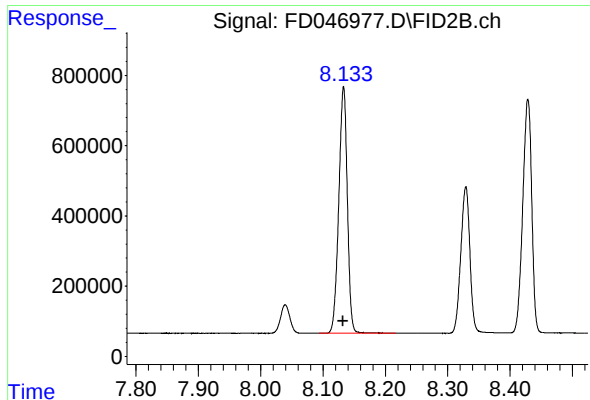
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 6078324
Conc: 31.56 ug/ml



#4 2-Bromonaphthalene (SURR)

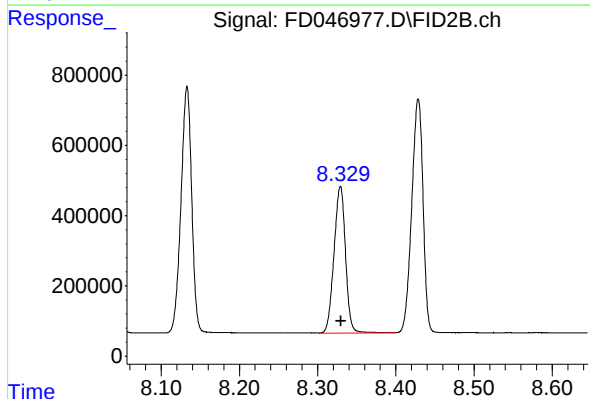
R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 7133130
Conc: 41.23 ug/ml



#5 Acenaphthylene (C15.06)

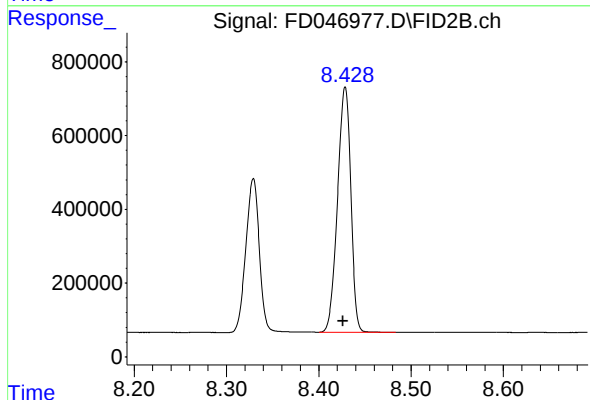
R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 6693030
Conc: 38.45 ug/ml

Instrument :
FID_D
ClientSampleId :



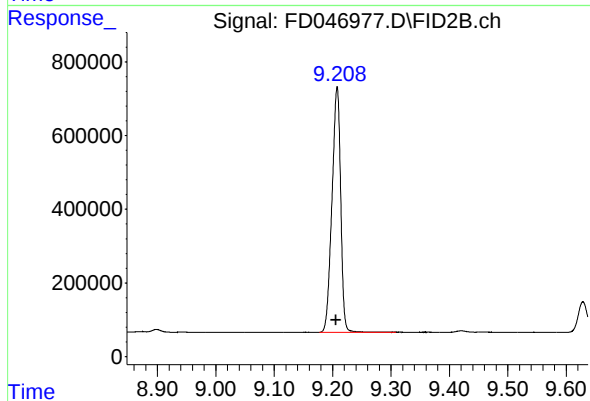
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 4271874
Conc: 39.28 ug/ml



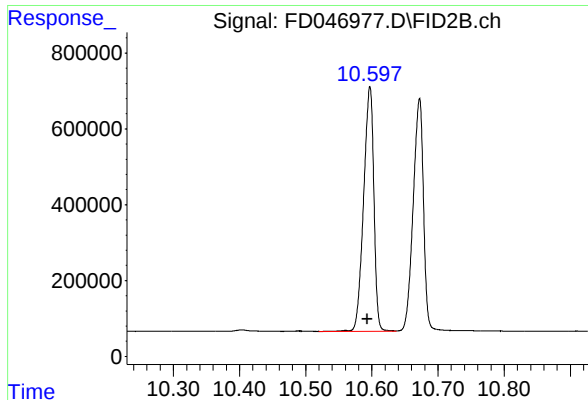
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: 0.002 min
Response: 6680441
Conc: 36.02 ug/ml



#8 Flouorene (C16.55)

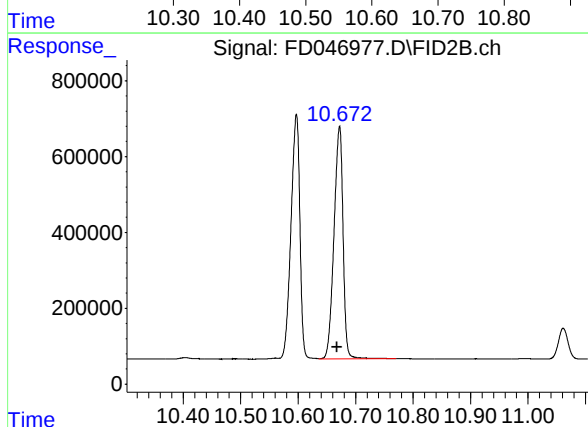
R.T.: 9.208 min
Delta R.T.: 0.002 min
Response: 6899353
Conc: 39.97 ug/ml



#9 Phenanthrene (C19.36)

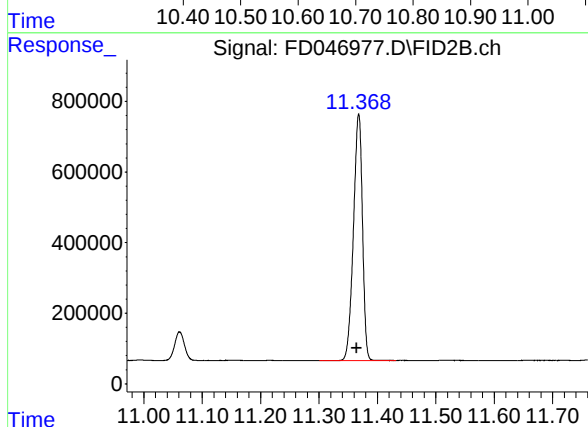
R.T.: 10.597 min
Delta R.T.: 0.003 min
Response: 6951619
Conc: 42.34 ug/ml

Instrument :
FID_D
ClientSampleId :



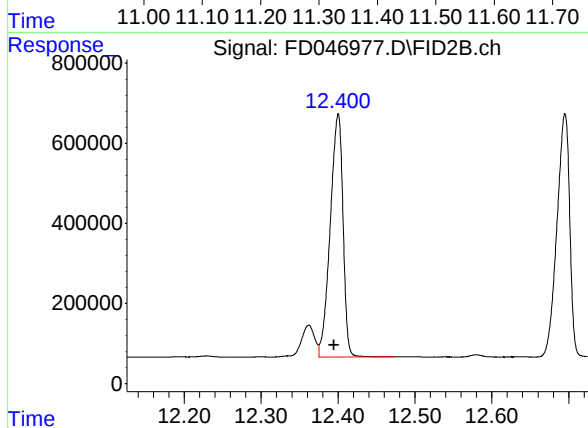
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: 0.004 min
Response: 6701746
Conc: 43.34 ug/ml



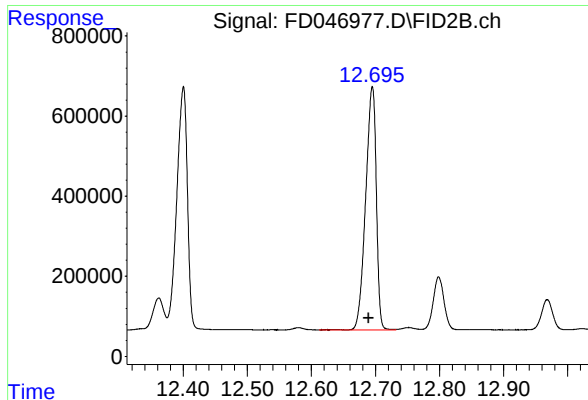
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.004 min
Response: 7479422
Conc: 37.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.400 min
Delta R.T.: 0.005 min
Response: 7010174
Conc: 44.23 ug/ml



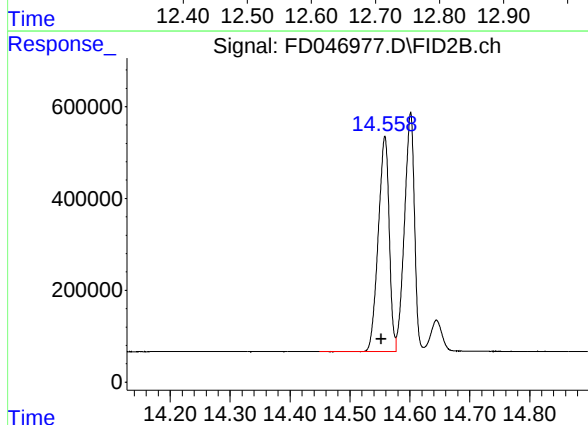
#13 Pyrene (C20.8)

R.T.: 12.695 min
Delta R.T.: 0.005 min
Response: 7010345
Conc: 45.82 ug/ml

Instrument :

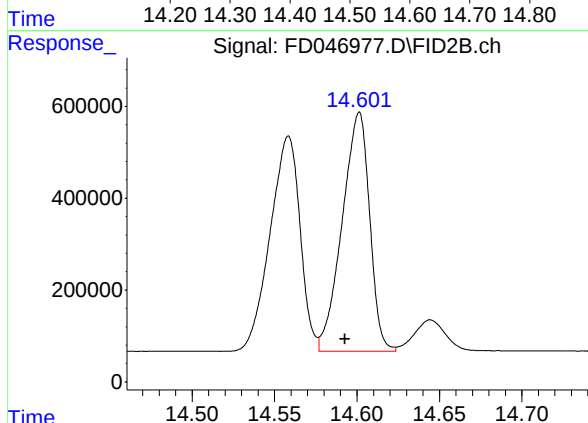
FID_D

ClientSampleId :



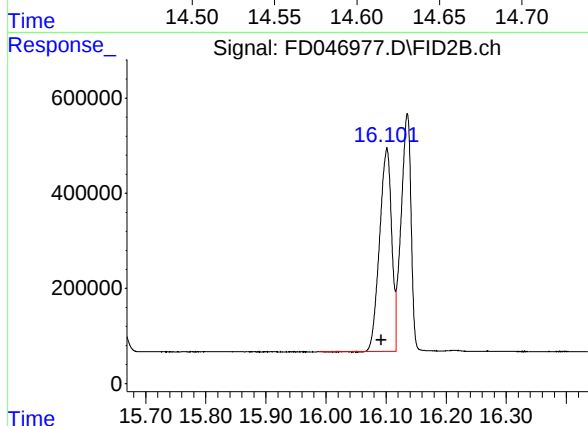
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: 0.005 min
Response: 5928105
Conc: 45.72 ug/ml



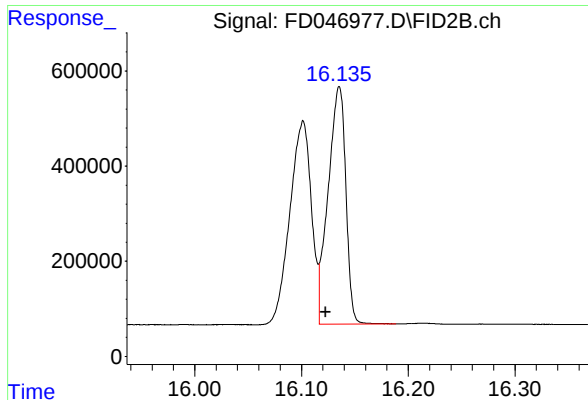
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: 0.008 min
Response: 6029031
Conc: 42.06 ug/ml



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

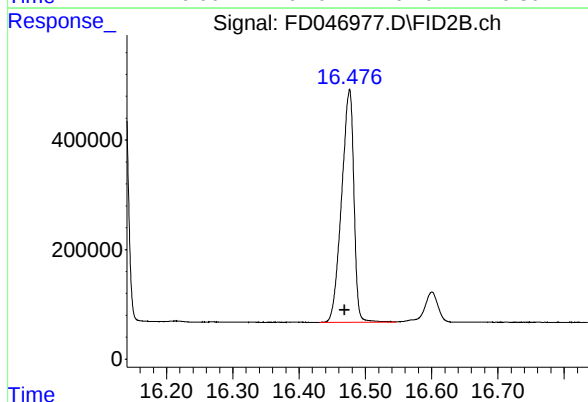
R.T.: 16.101 min
Delta R.T.: 0.009 min
Response: 5967662
Conc: 44.68 ug/ml



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

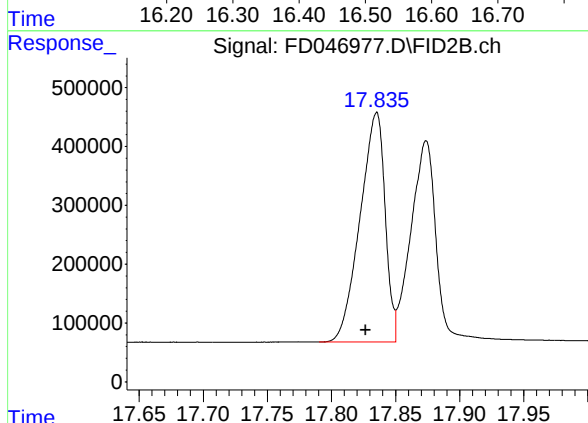
R.T.: 16.135 min
Delta R.T.: 0.012 min
Response: 5754807
Conc: 42.12 ug/ml

Instrument :
FID_D
ClientSampleId :



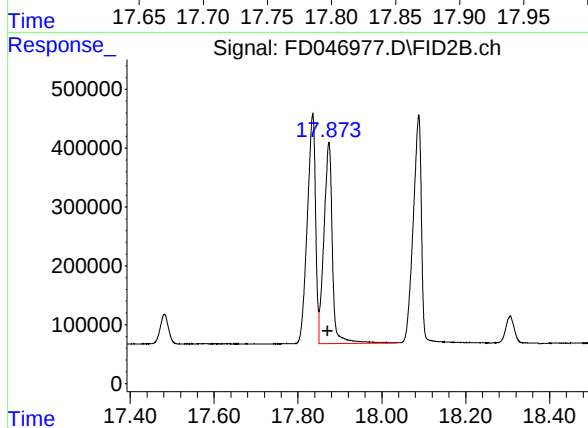
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.007 min
Response: 5494592
Conc: 41.94 ug/ml



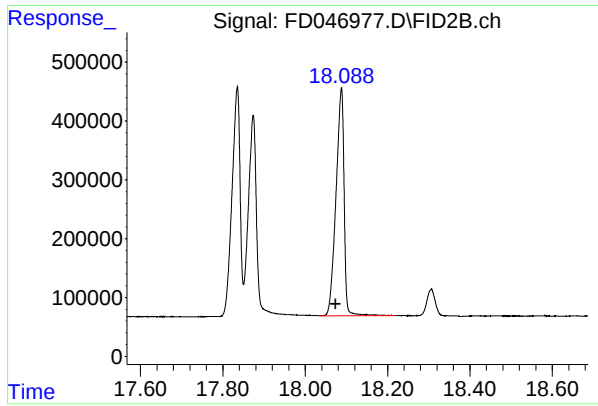
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.008 min
Response: 5297136
Conc: 44.39 ug/ml



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

R.T.: 17.873 min
Delta R.T.: 0.002 min
Response: 4822290
Conc: 37.11 ug/ml



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

R.T.: 18.087 min

Delta R.T.: 0.013 min

Response: 5306145

Conc: 40.55 ug/ml

Instrument :

FID_D

ClientSampleId :