

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045580.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 09:15
 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: May 05 02:35:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.545	3143561	21.743 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
6) S 2-Fluorobiphenyl (SURR)	8.401	2020573	21.669 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.34%
11) S ortho-Terphenyl (SURR)	11.440	3946369	22.051 ug/ml
Spiked Amount 50.000		Recovery =	44.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3640950	21.730 ug/ml
2) T Naphthalene (C11.7)	5.885	3713465	21.698 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	3674682	21.720 ug/ml
5) T Acenaphthylene (C15.06)	8.205	3288805	21.740 ug/ml
7) T Acenaphthene (C15.5)	8.501	3535537	21.807 ug/ml
8) T Fluorene (C16.55)	9.279	3349252	21.744 ug/ml
9) T Phenanthrene (C19.36)	10.670	3227507	21.636 ug/ml
10) T Anthracene (C19.43)	10.743	2863561	22.168 ug/ml
12) T Fluoranthene (C21.85)	12.475	3211201	21.819 ug/ml
13) T Pyrene (C20.8)	12.769	3180138	22.169 ug/ml
14) T Benzo[a]anthracene (C...	14.633	2740549	20.913 ug/ml
15) T Chrysene (C27.41)	14.675	2888441	21.159 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2843600	21.296 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	2833105	21.179 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	2634188	20.586 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	2338028	18.612 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	2124357	15.594 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	2541326	19.398 ug/ml

(f)=RT Delta > 1/2 Window

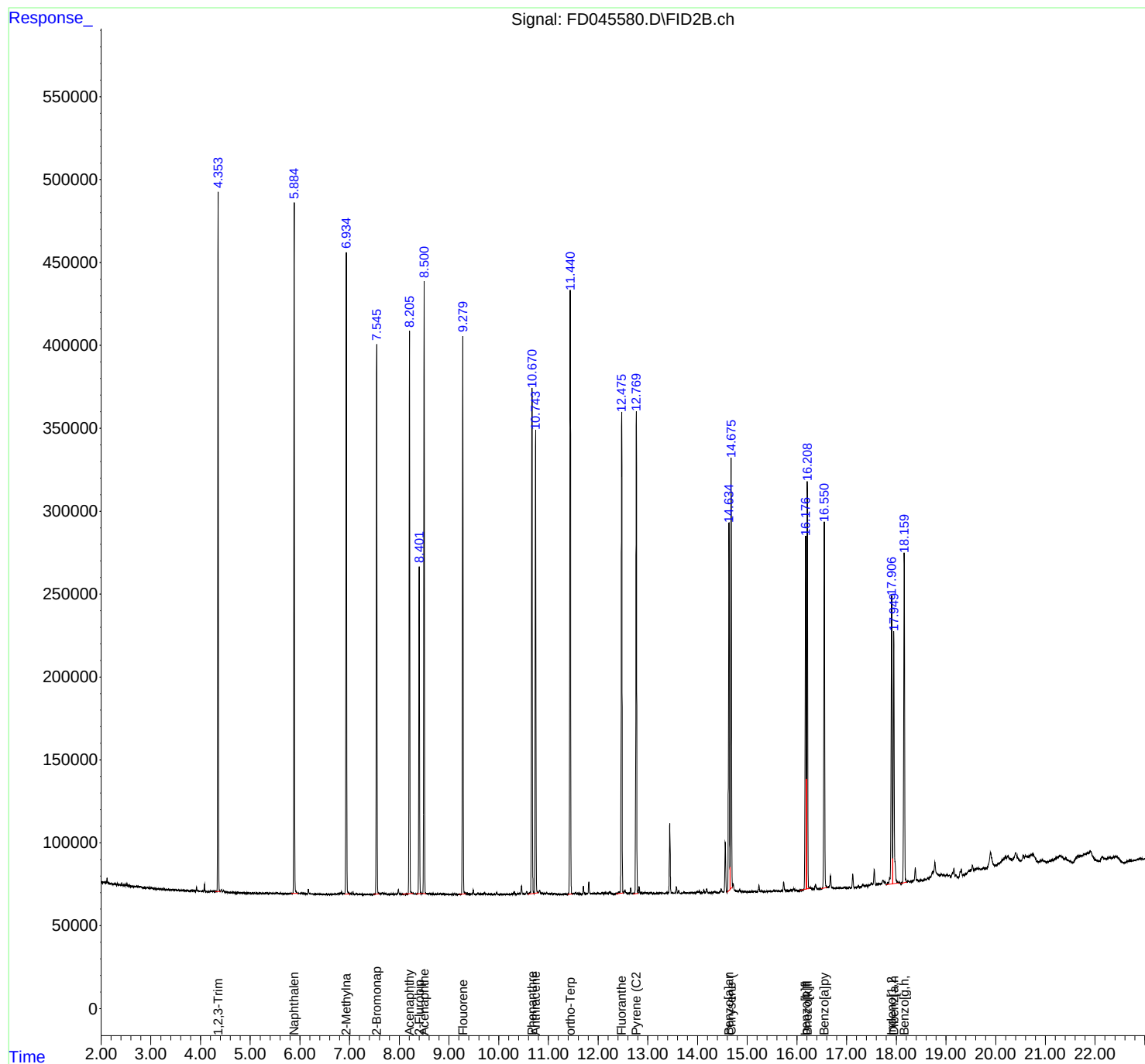
(m)=manual int.

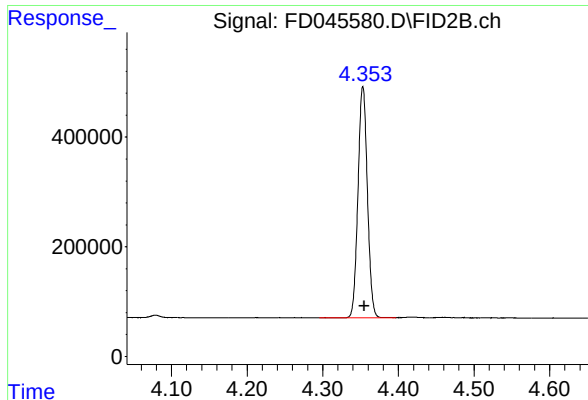
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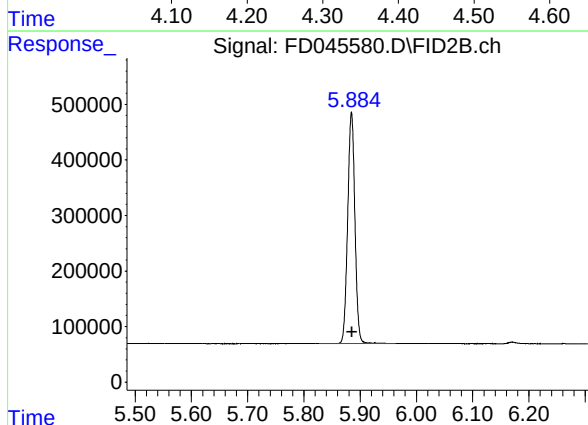




#1 1,2,3-Trimethylbenzene (C10.1)

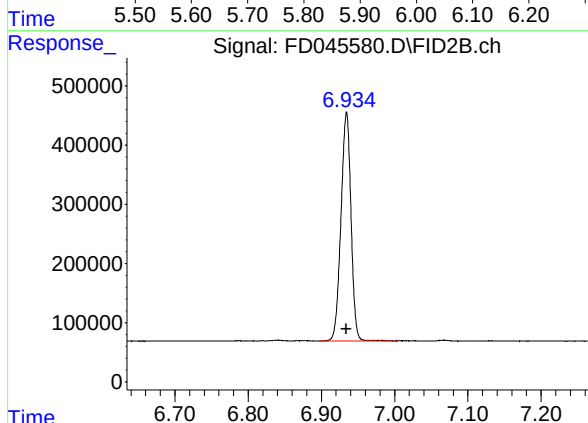
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 3640950
Conc: 21.73 ug/ml

Instrument :
FID_D
ClientSampleId :



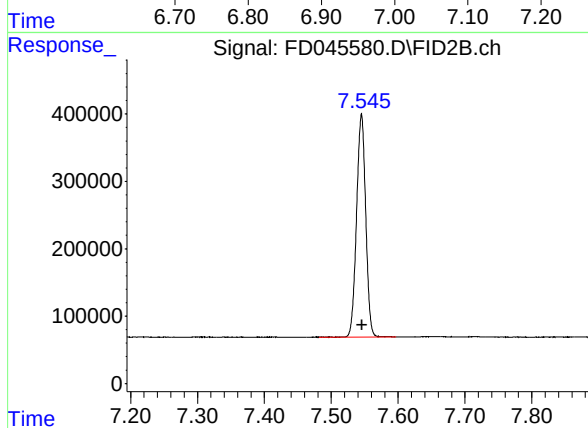
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 3713465
Conc: 21.70 ug/ml



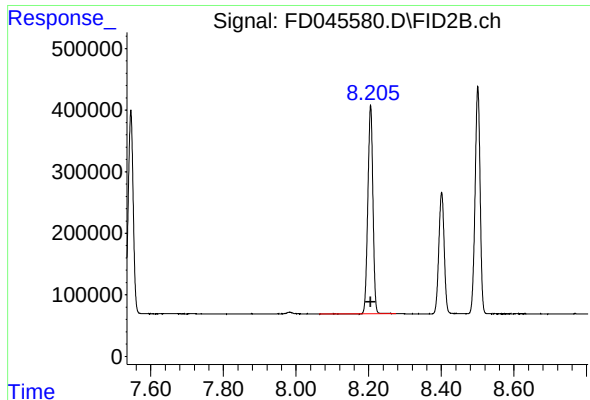
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 3674682
Conc: 21.72 ug/ml



#4 2-Bromonaphthalene (SURR)

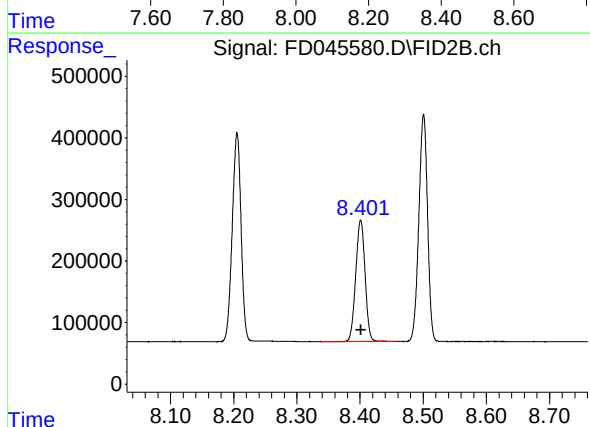
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 3143561
Conc: 21.74 ug/ml



#5 Acenaphthylene (C15.06)

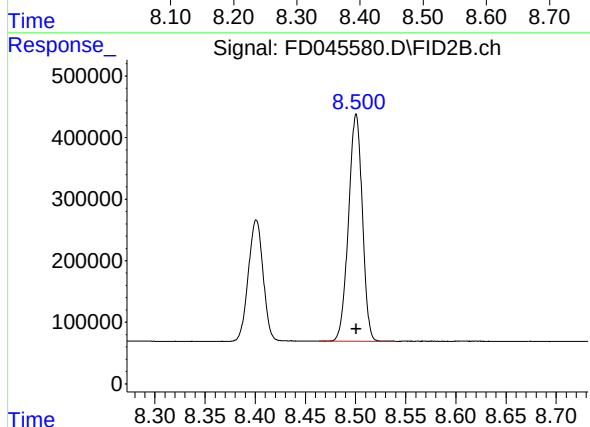
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 3288805
Conc: 21.74 ug/ml

Instrument :
FID_D
ClientSampleId :



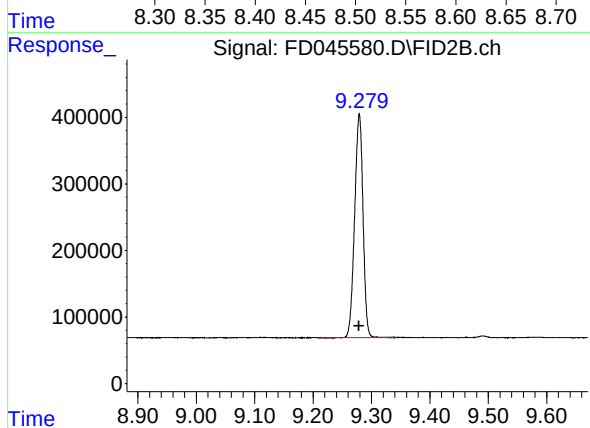
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 2020573
Conc: 21.67 ug/ml



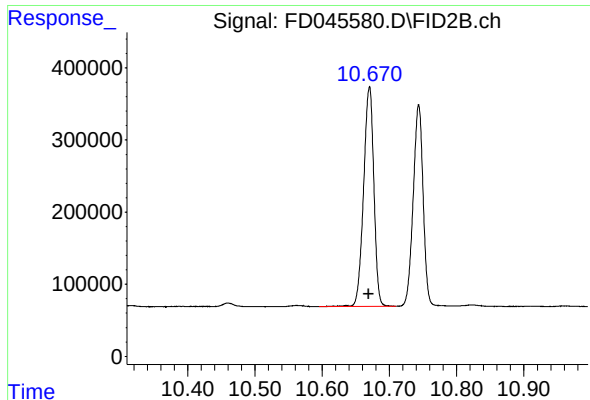
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 3535537
Conc: 21.81 ug/ml



#8 Fluorene (C16.55)

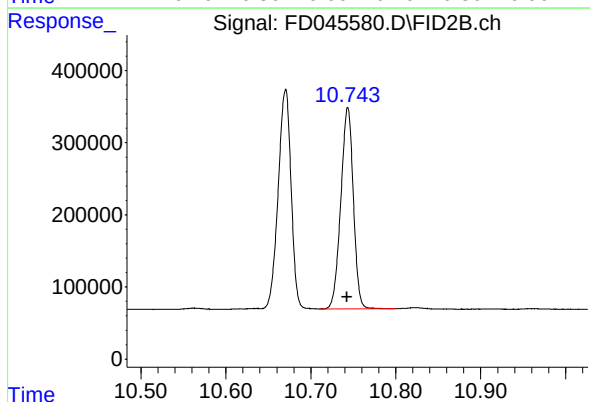
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 3349252
Conc: 21.74 ug/ml



#9 Phenanthrene (C19.36)

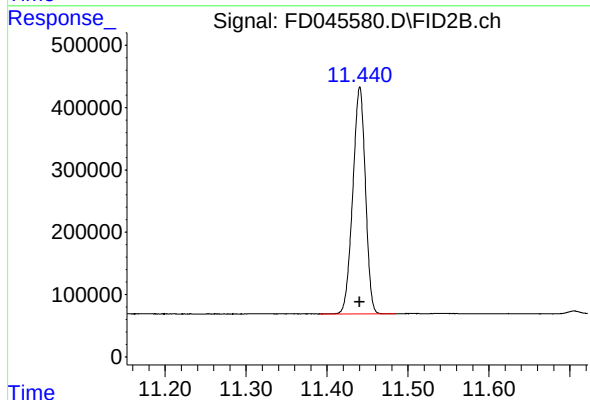
R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 3227507
Conc: 21.64 ug/ml

Instrument :
FID_D
ClientSampleId :



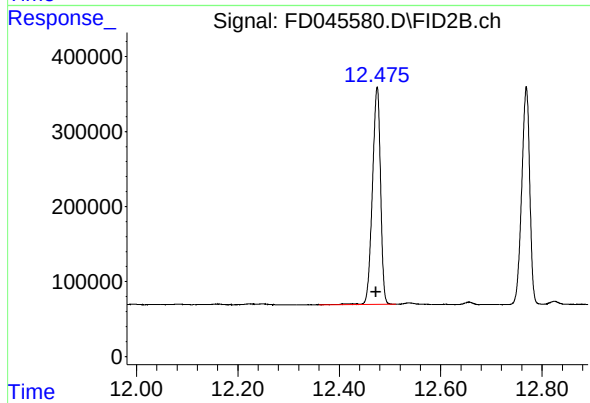
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: 0.001 min
Response: 2863561
Conc: 22.17 ug/ml



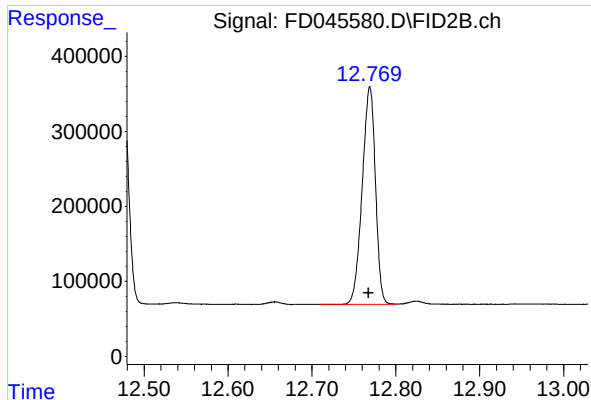
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 3946369
Conc: 22.05 ug/ml



#12 Fluoranthene (C21.85)

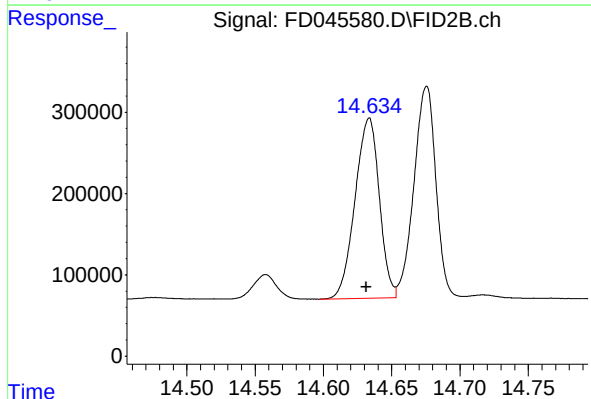
R.T.: 12.475 min
Delta R.T.: 0.002 min
Response: 3211201
Conc: 21.82 ug/ml



#13 Pyrene (C20.8)

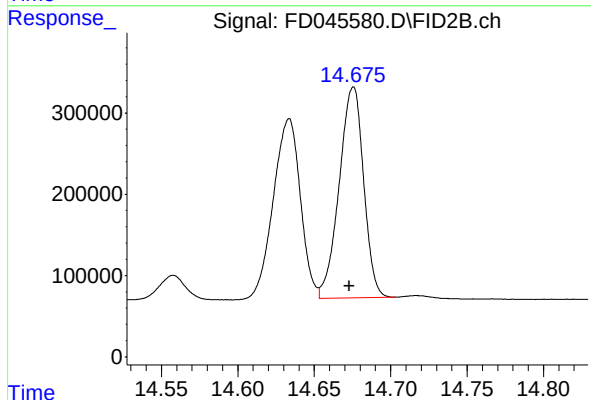
R.T.: 12.769 min
Delta R.T.: 0.001 min
Response: 3180138
Conc: 22.17 ug/ml

Instrument :
FID_D
ClientSampleId :



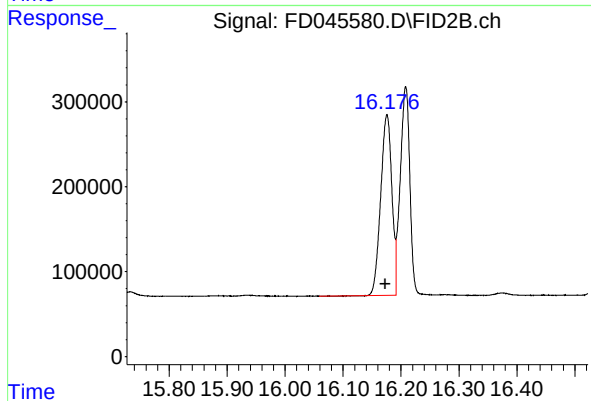
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.633 min
Delta R.T.: 0.002 min
Response: 2740549
Conc: 20.91 ug/ml



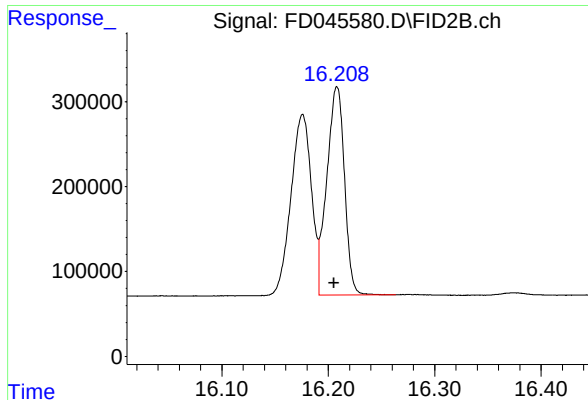
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: 0.002 min
Response: 2888441
Conc: 21.16 ug/ml



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

R.T.: 16.176 min
Delta R.T.: 0.003 min
Response: 2843600
Conc: 21.30 ug/ml



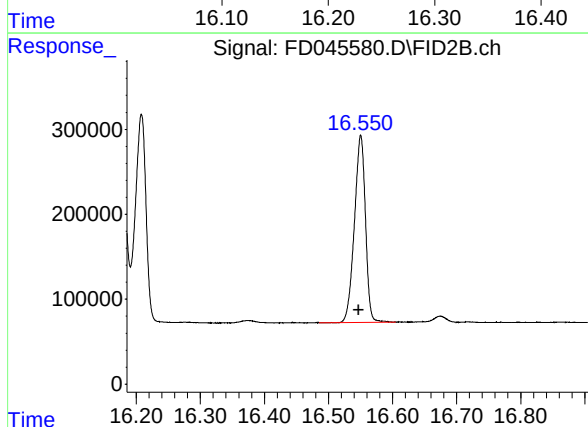
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.208 min
Delta R.T.: 0.003 min
Response: 2833105
Conc: 21.18 ug/ml

Instrument :

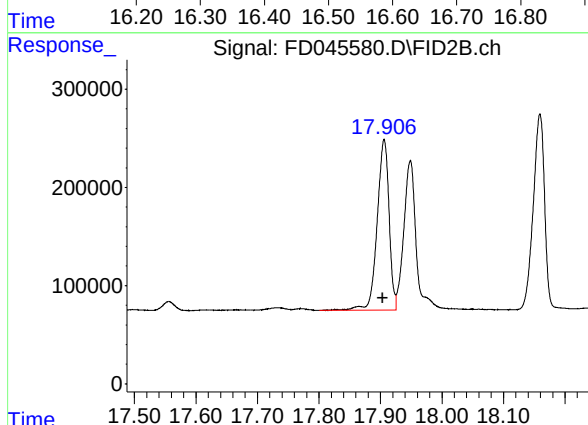
FID_D

ClientSampleId :



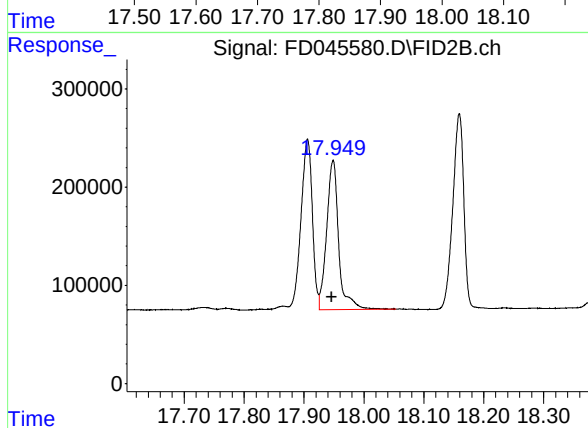
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.550 min
Delta R.T.: 0.003 min
Response: 2634188
Conc: 20.59 ug/ml



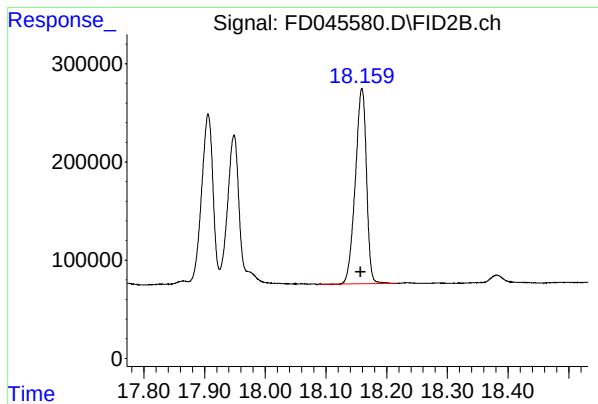
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: 0.002 min
Response: 2338028
Conc: 18.61 ug/ml



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

R.T.: 17.948 min
Delta R.T.: 0.002 min
Response: 2124357
Conc: 15.59 ug/ml



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

R.T.: 18.159 min
Delta R.T.: 0.002 min
Response: 2541326
Conc: 19.40 ug/ml

Instrument :

FID_D

ClientSampleId :