

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041223AR\
 Data File : FD045473.D
 Signal(s) : FID2B.ch
 Acq On : 12 Apr 2023 18:55
 Operator : YP/AJ
 Sample : PB152063BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 13 02:58:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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	6252625	45.637 ug/ml
Spiked Amount 50.000		Recovery =	91.27%
6) S 2-Fluorobiphenyl (SURR)	8.401	3951629	44.080 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.16%
11) S ortho-Terphenyl (SURR)	11.442	6794730	39.054 ug/ml
Spiked Amount 50.000		Recovery =	78.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	4883055	31.345 ug/ml
2) T Naphthalene (C11.7)	5.882	5520020	34.348 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	5447351	34.029 ug/ml
5) T Acenaphthylene (C15.06)	8.205	5954401	40.668 ug/ml
7) T Acenaphthene (C15.5)	8.501	6245572	40.266 ug/ml
8) T Fluorene (C16.55)	9.279	6113941	41.230 ug/ml
9) T Phenanthrene (C19.36)	10.671	6232665	43.027 ug/ml
10) T Anthracene (C19.43)	10.746	6092841	44.079 ug/ml
12) T Fluoranthene (C21.85)	12.477	6316077	43.901 ug/ml
13) T Pyrene (C20.8)	12.773	6344610	45.125 ug/ml
14) T Benzo[a]anthracene (C...	14.638	5802446	45.246 ug/ml
15) T Chrysene (C27.41)	14.681	5680745	42.841 ug/ml
16) T benzo[b]fluoranthene ...	16.182	5833186	44.904 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	5570022	43.978 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	5149936	40.961 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	4759035	40.209 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	4790040	40.207 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	5256557	42.083 ug/ml

(f)=RT Delta > 1/2 Window

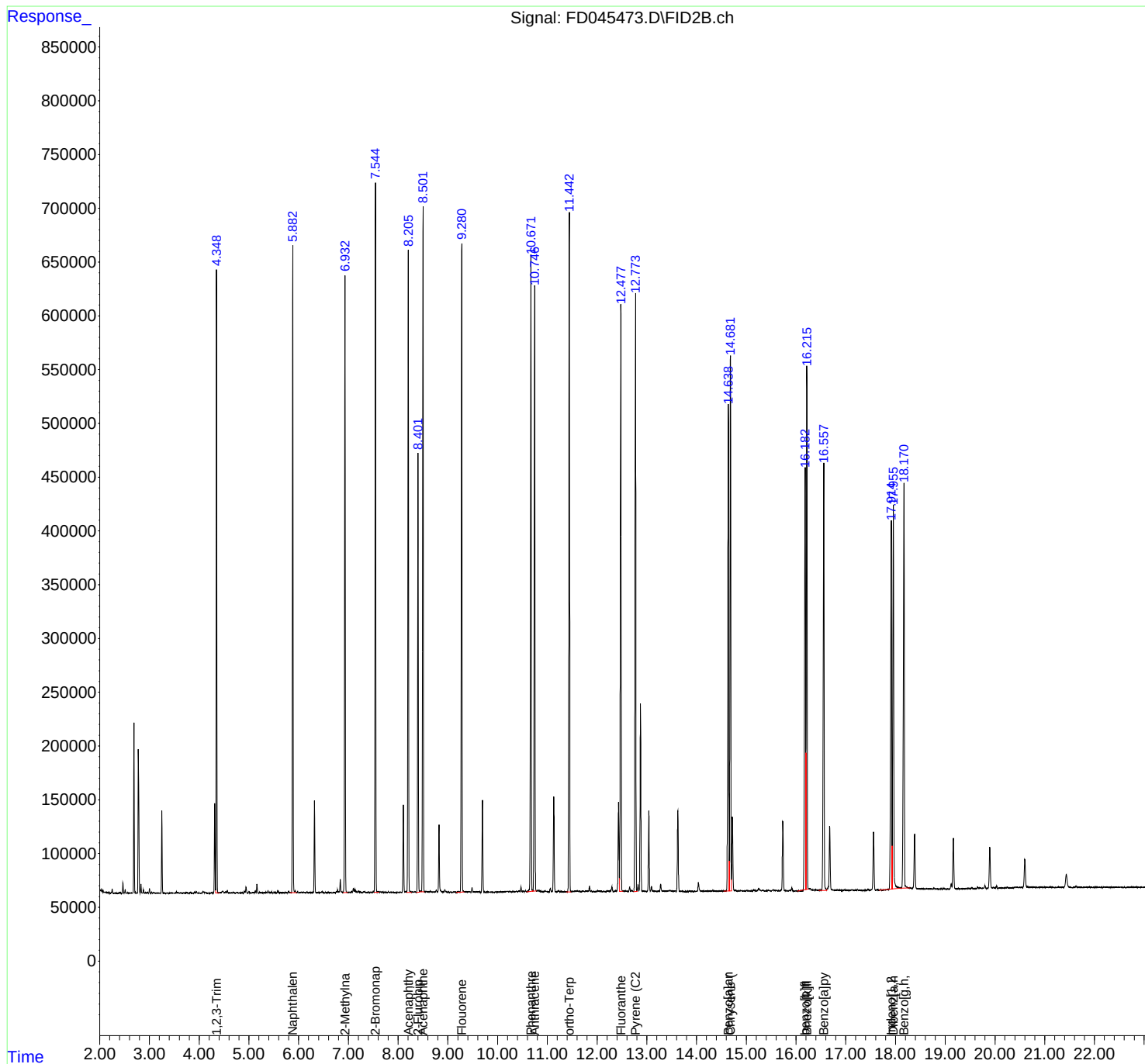
(m)=manual int.

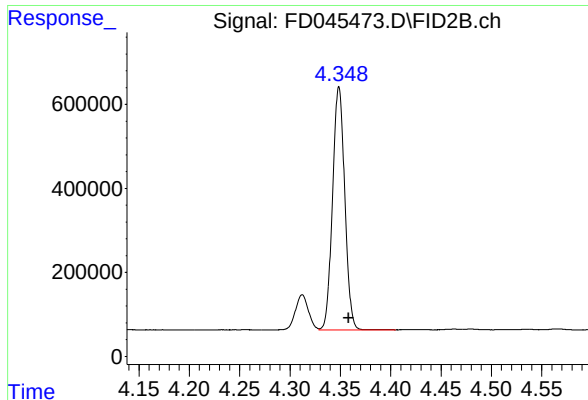
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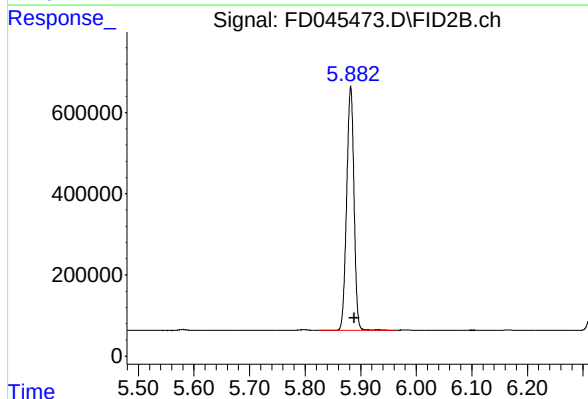




#1 1,2,3-Trimethylbenzene (C10.1)

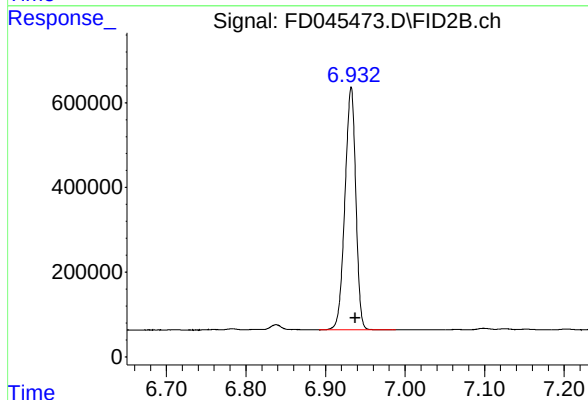
R.T.: 4.349 min
Delta R.T.: -0.009 min
Response: 4883055
Conc: 31.35 ug/ml

Instrument :
FID_D
ClientSampleId :



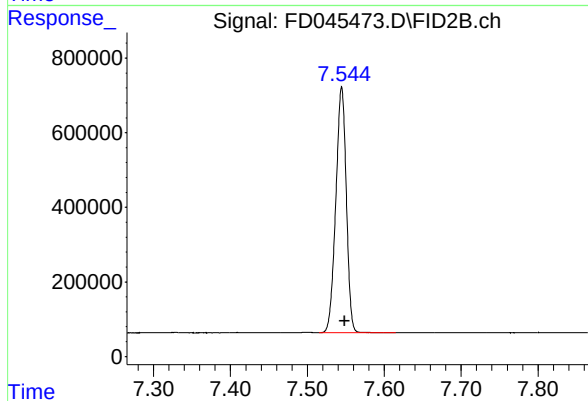
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 5520020
Conc: 34.35 ug/ml



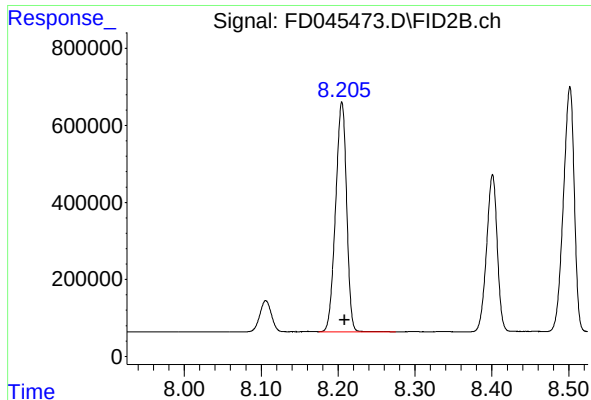
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: -0.005 min
Response: 5447351
Conc: 34.03 ug/ml



#4 2-Bromonaphthalene (SURR)

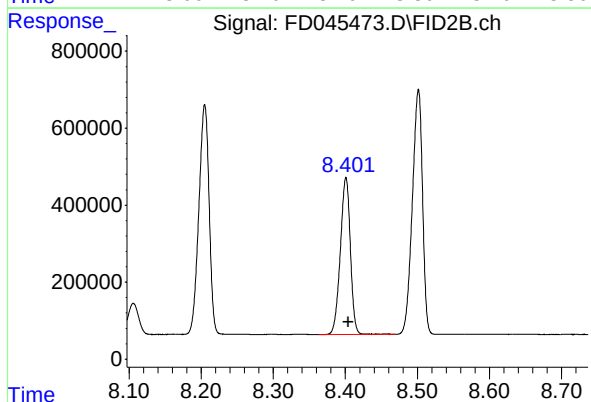
R.T.: 7.545 min
Delta R.T.: -0.004 min
Response: 6252625
Conc: 45.64 ug/ml



#5 Acenaphthylene (C15.06)

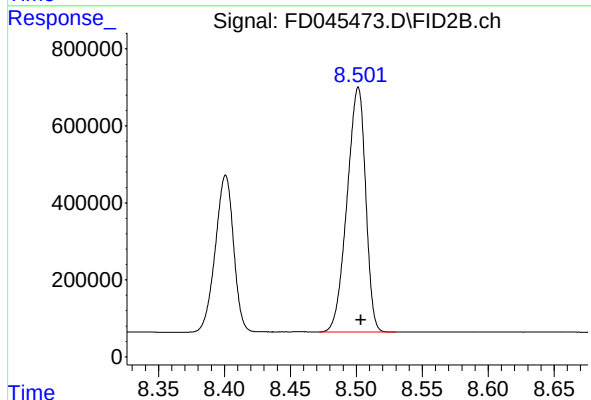
R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 5954401
Conc: 40.67 ug/ml

Instrument :
FID_D
ClientSampleId :



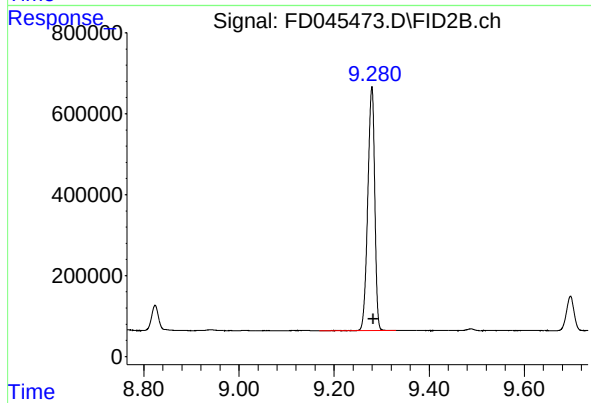
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 3951629
Conc: 44.08 ug/ml



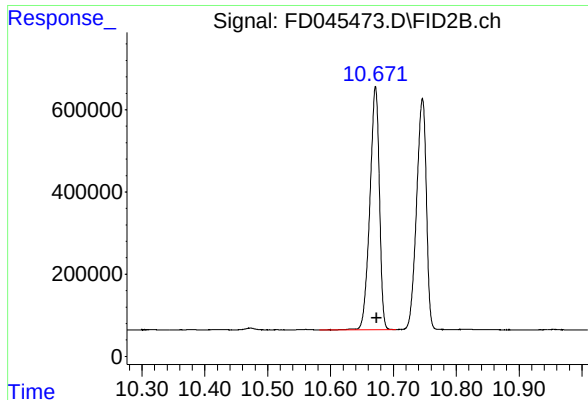
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.002 min
Response: 6245572
Conc: 40.27 ug/ml



#8 Flouorene (C16.55)

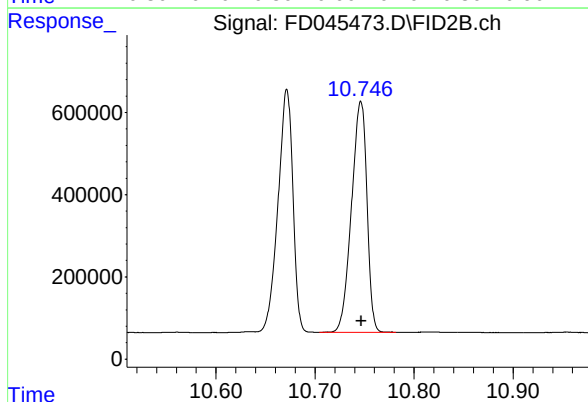
R.T.: 9.279 min
Delta R.T.: -0.003 min
Response: 6113941
Conc: 41.23 ug/ml



#9 Phenanthrene (C19.36)

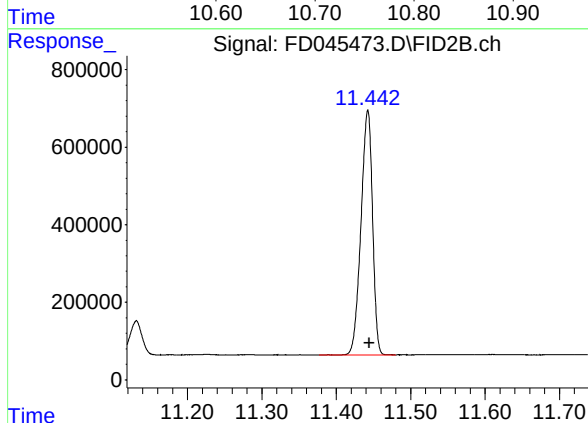
R.T.: 10.671 min
Delta R.T.: -0.002 min
Response: 6232665
Conc: 43.03 ug/ml

Instrument :
FID_D
ClientSampleId :



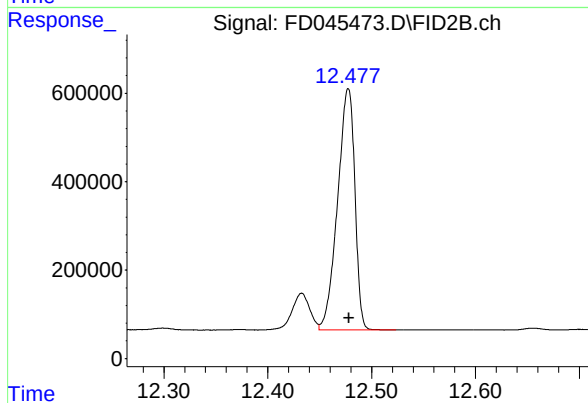
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: 0.000 min
Response: 6092841
Conc: 44.08 ug/ml



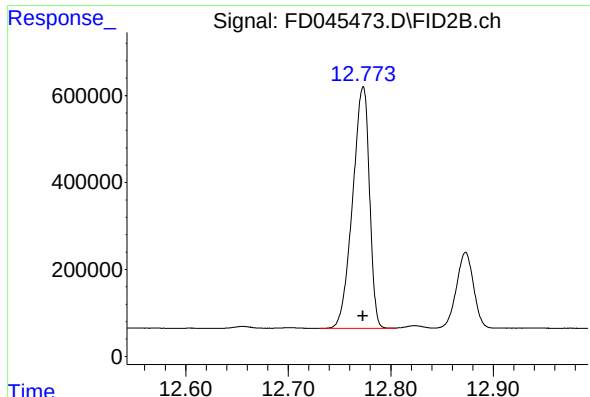
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.002 min
Response: 6794730
Conc: 39.05 ug/ml



#12 Fluoranthene (C21.85)

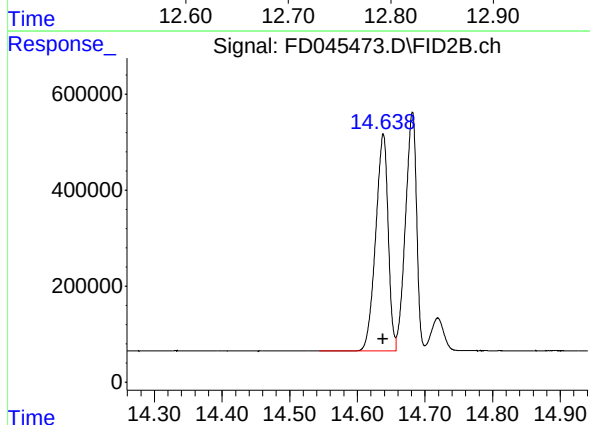
R.T.: 12.477 min
Delta R.T.: 0.000 min
Response: 6316077
Conc: 43.90 ug/ml



#13 Pyrene (C20.8)

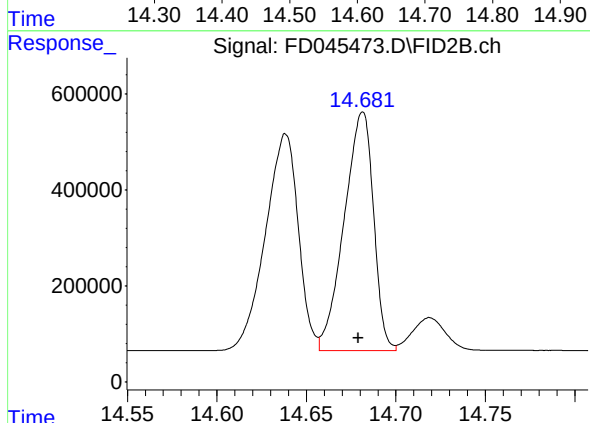
R.T.: 12.773 min
Delta R.T.: 0.000 min
Response: 6344610
Conc: 45.13 ug/ml

Instrument :
FID_D
ClientSampleId :



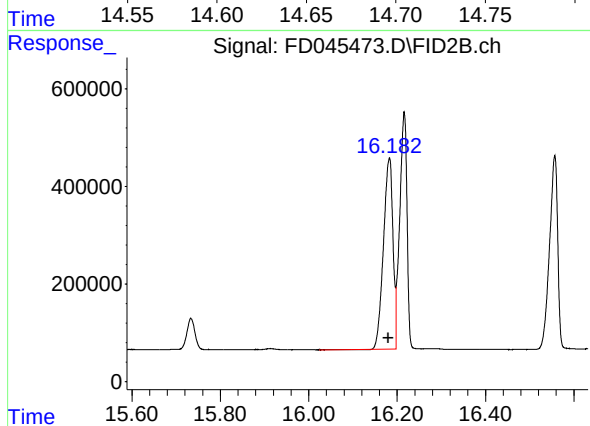
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 5802446
Conc: 45.25 ug/ml



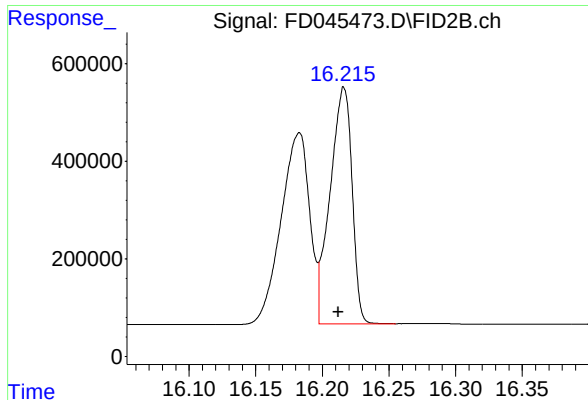
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.002 min
Response: 5680745
Conc: 42.84 ug/ml



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

R.T.: 16.182 min
Delta R.T.: 0.002 min
Response: 5833186
Conc: 44.90 ug/ml



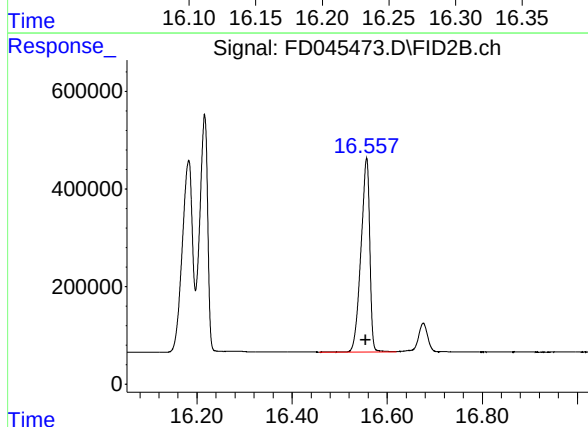
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.216 min
Delta R.T.: 0.004 min
Response: 5570022
Conc: 43.98 ug/ml

Instrument :

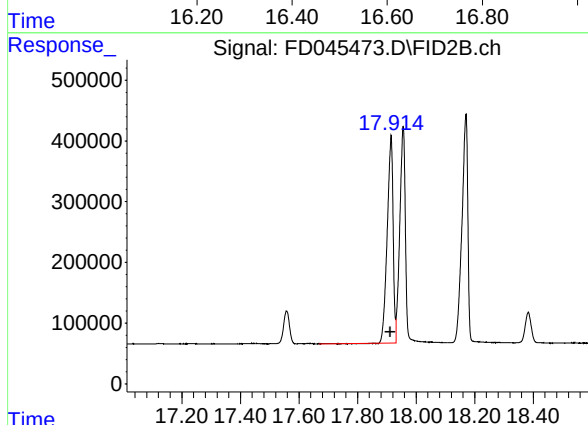
FID_D

ClientSampleId :



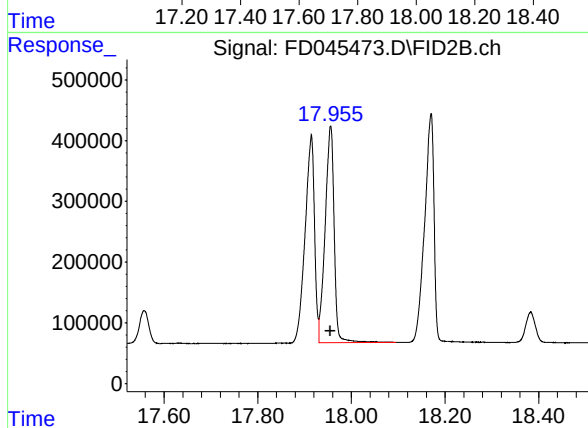
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.001 min
Response: 5149936
Conc: 40.96 ug/ml



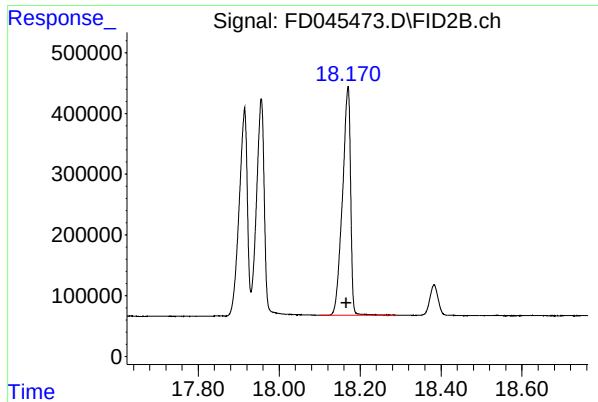
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.002 min
Response: 4759035
Conc: 40.21 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.000 min
Response: 4790040
Conc: 40.21 ug/ml



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

R.T.: 18.169 min

Delta R.T.: 0.004 min

Response: 5256557

Conc: 42.08 ug/ml

Instrument :

FID_D

ClientSampleId :