

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082024AR\
 Data File : FF014438.D
 Signal(s) : FID2B.ch
 Acq On : 20 Aug 2024 13:27
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 20 14:50:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 14:45:54 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...	7.874	5585887	43.629 ug/ml
Spiked Amount 50.000		Recovery =	87.26%
6) S 2-Fluorobiphenyl (SURR)	8.745	3643385	43.676 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.35%
11) S ortho-Terphenyl (SURR)	11.808	6749741	43.337 ug/ml
Spiked Amount 50.000		Recovery =	86.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	6307793	43.411 ug/ml
2) T Naphthalene (C11.7)	6.151	6566291	43.422 ug/ml
3) T 2-Methylnaphthalene (...)	7.247	6568996	43.245 ug/ml
5) T Acenaphthylene (C15.06)	8.546	6519362	43.427 ug/ml
7) T Acenaphthene (C15.5)	8.845	6725251	43.400 ug/ml
8) T Fluorene (C16.55)	9.633	6440220	43.389 ug/ml
9) T Phenanthrene (C19.36)	11.037	6379525	43.362 ug/ml
10) T Anthracene (C19.43)	11.111	6320274	43.831 ug/ml
12) T Fluoranthene (C21.85)	12.856	6645378	43.253 ug/ml
13) T Pyrene (C20.8)	13.153	6545331	43.283 ug/ml
14) T Benzo[a]anthracene (C...	15.034	6054106	43.426 ug/ml
15) T Chrysene (C27.41)	15.077	6937427	43.419 ug/ml
16) T benzo[b]fluoranthene ...	16.592	6216842	43.219 ug/ml
17) T Bnezo[k]fluoranthene ...	16.626	6405678	43.434 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.972	6217249	43.581 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.341	4633604	41.794 ug/ml
20) T Dibenz[a,h]anthracene...	18.378	6495957	43.412 ug/ml
21) T Benzo[g,h,i]perylene ...	18.598	5834277	43.326 ug/ml

(f)=RT Delta > 1/2 Window

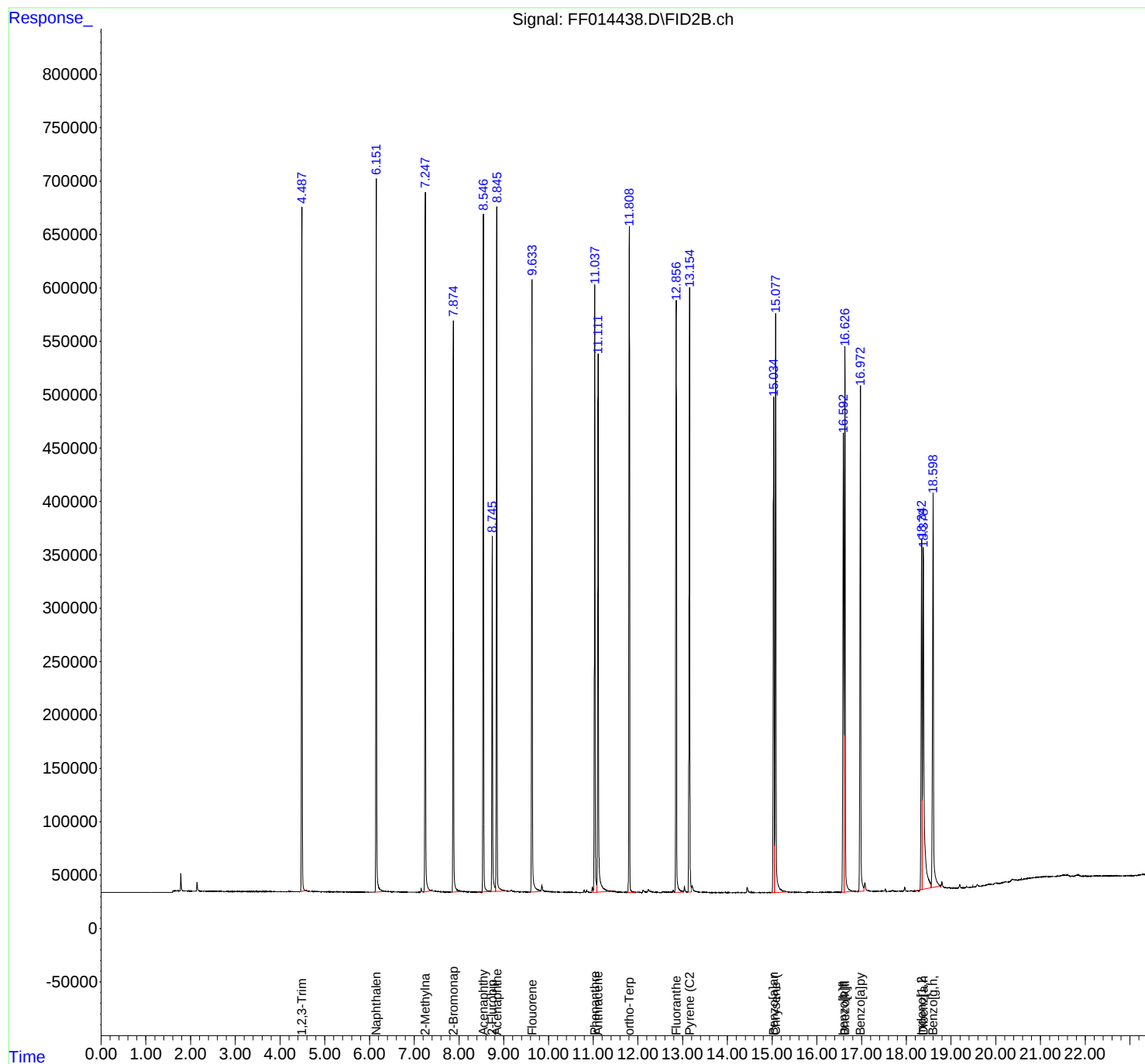
(m)=manual int.

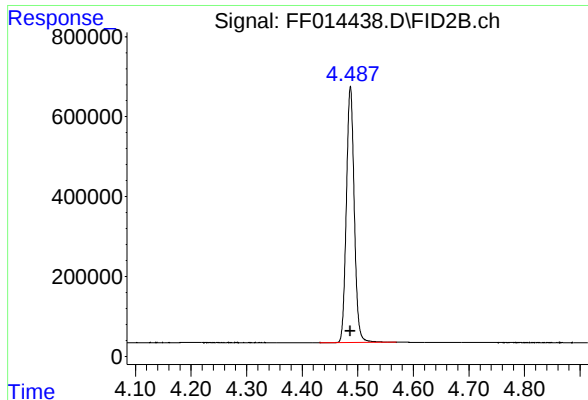
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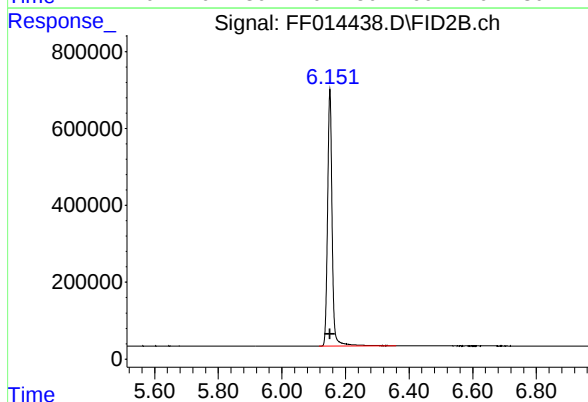




#1 1,2,3-Trimethylbenzene (C10.1)

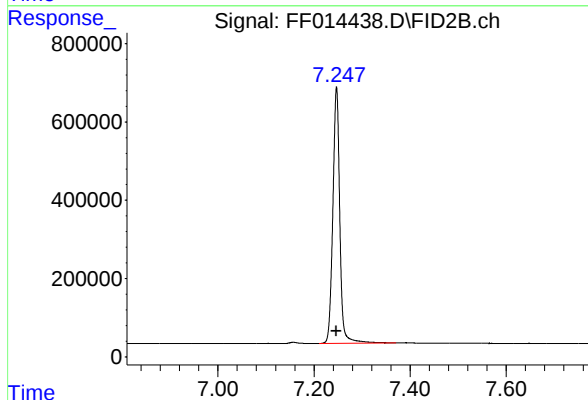
R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 6307793
Conc: 43.41 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



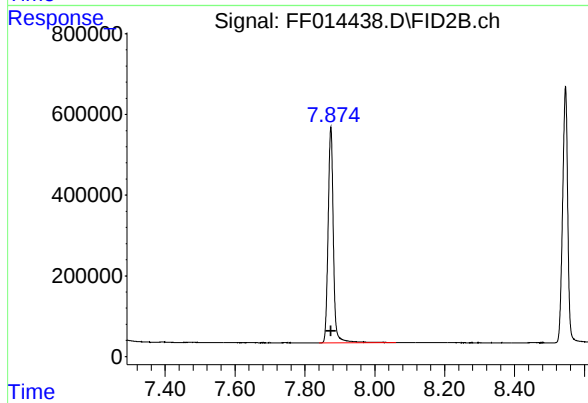
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 6566291
Conc: 43.42 ug/ml



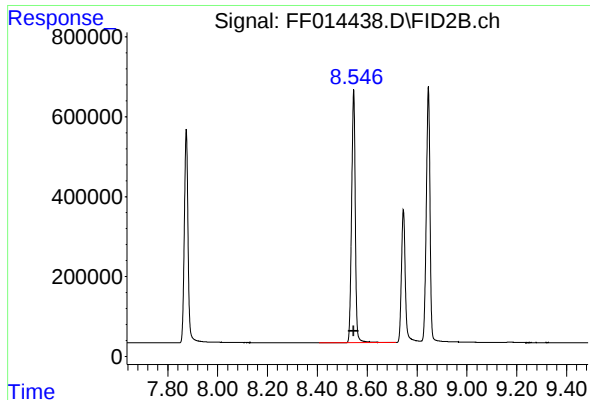
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 6568996
Conc: 43.24 ug/ml



#4 2-Bromonaphthalene (SURR)

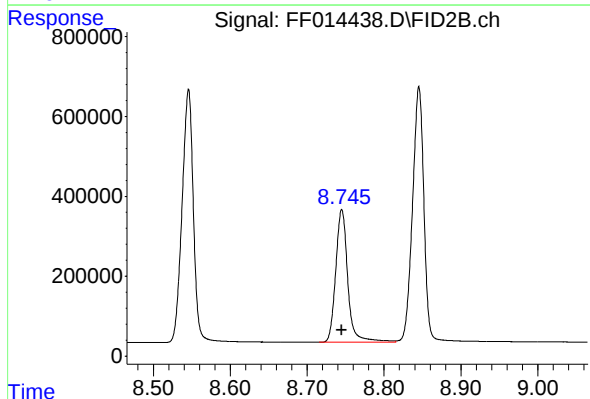
R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 5585887
Conc: 43.63 ug/ml



#5 Acenaphthylene (C15.06)

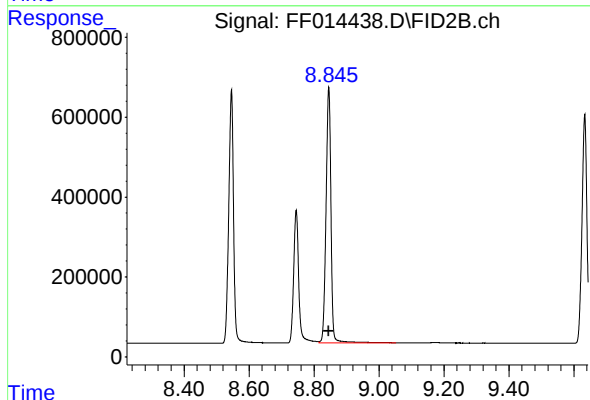
R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 6519362
Conc: 43.43 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



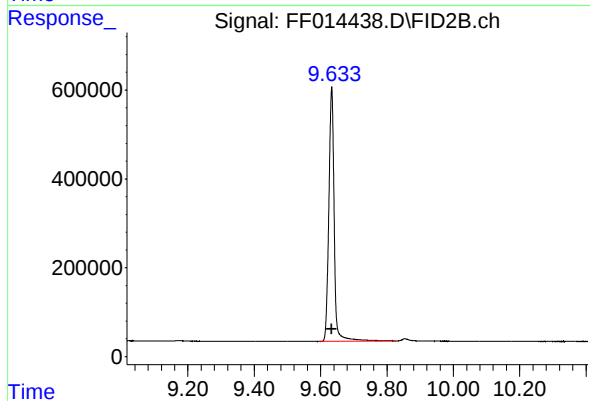
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.745 min
Delta R.T.: 0.000 min
Response: 3643385
Conc: 43.68 ug/ml



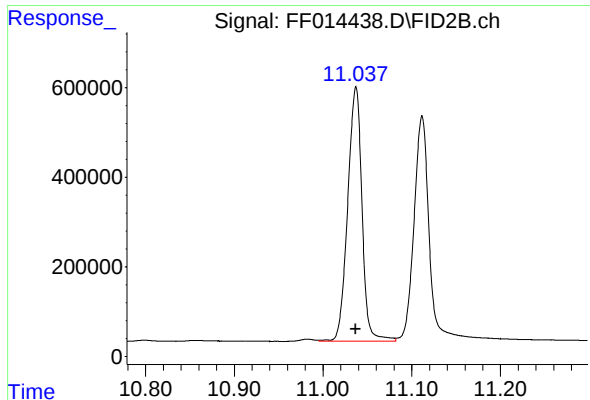
#7 Acenaphthene (C15.5)

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 6725251
Conc: 43.40 ug/ml



#8 Flouorene (C16.55)

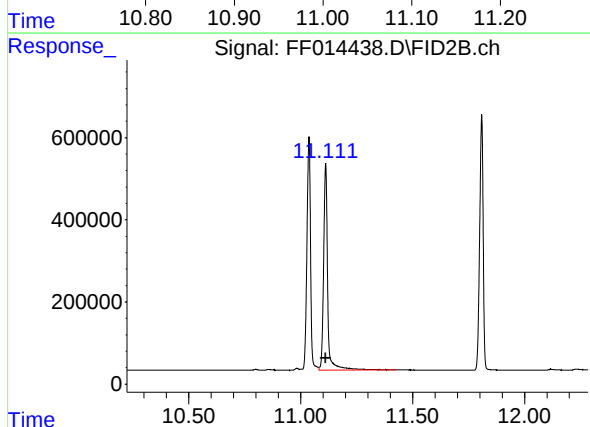
R.T.: 9.633 min
Delta R.T.: 0.000 min
Response: 6440220
Conc: 43.39 ug/ml



#9 Phenanthrene (C19.36)

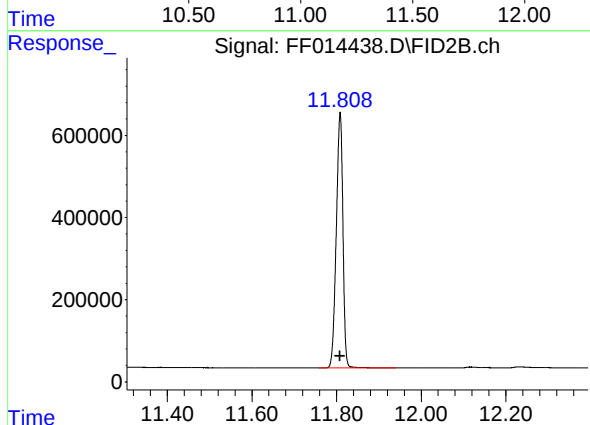
R.T.: 11.037 min
Delta R.T.: 0.000 min
Response: 6379525
Conc: 43.36 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



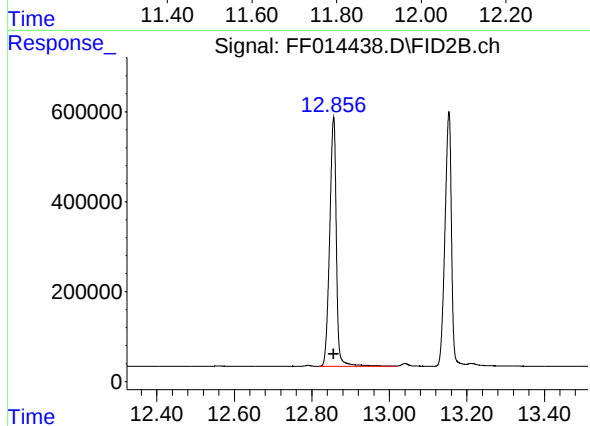
#10 Anthracene (C19.43)

R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 6320274
Conc: 43.83 ug/ml



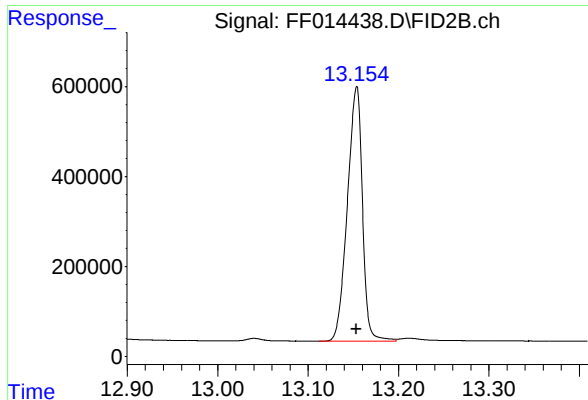
#11 ortho-Terphenyl (SURRE)

R.T.: 11.808 min
Delta R.T.: 0.000 min
Response: 6749741
Conc: 43.34 ug/ml



#12 Fluoranthene (C21.85)

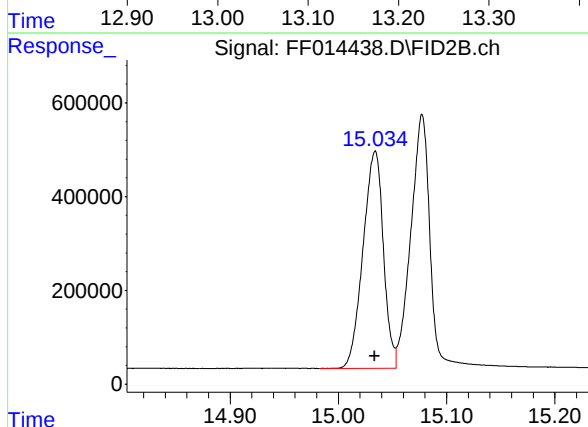
R.T.: 12.856 min
Delta R.T.: 0.000 min
Response: 6645378
Conc: 43.25 ug/ml



#13 Pyrene (C20.8)

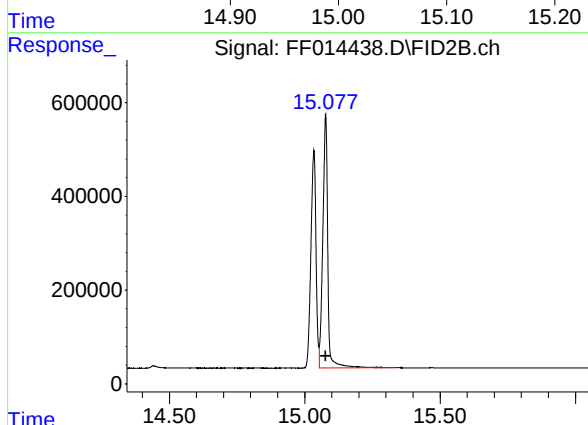
R.T.: 13.153 min
Delta R.T.: 0.000 min
Response: 6545331
Conc: 43.28 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



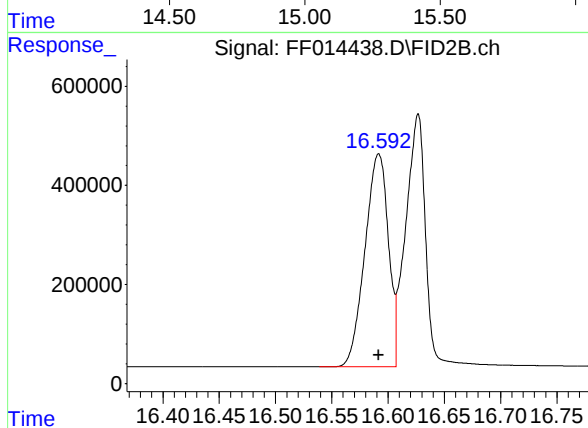
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.034 min
Delta R.T.: 0.000 min
Response: 6054106
Conc: 43.43 ug/ml



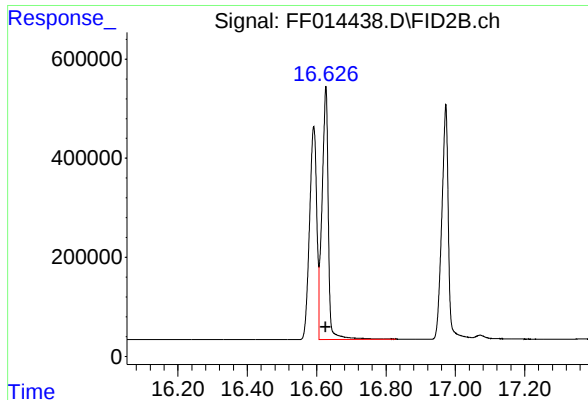
#15 Chrysene (C27.41)

R.T.: 15.077 min
Delta R.T.: 0.000 min
Response: 6937427
Conc: 43.42 ug/ml



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

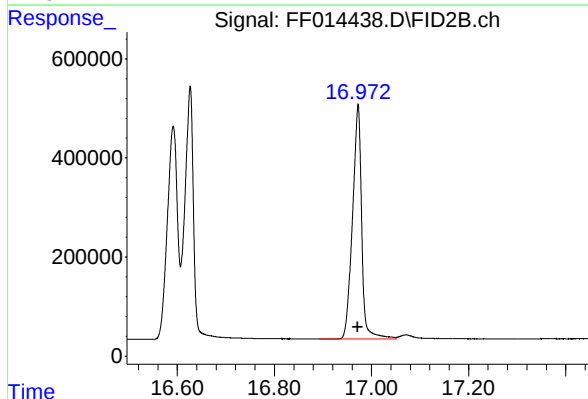
R.T.: 16.592 min
Delta R.T.: 0.000 min
Response: 6216842
Conc: 43.22 ug/ml



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

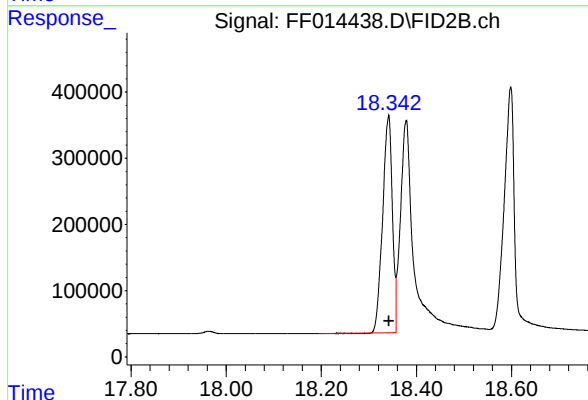
R.T.: 16.626 min
Delta R.T.: 0.000 min
Response: 6405678
Conc: 43.43 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



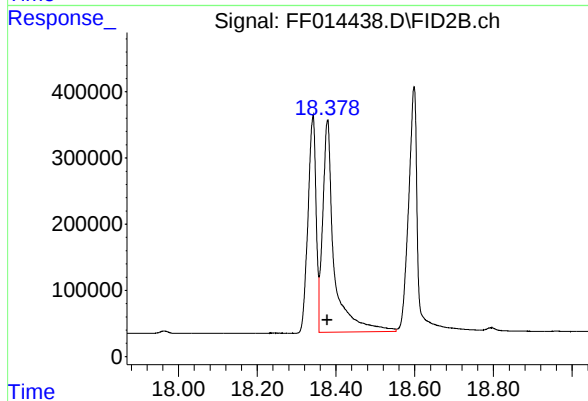
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.972 min
Delta R.T.: 0.000 min
Response: 6217249
Conc: 43.58 ug/ml



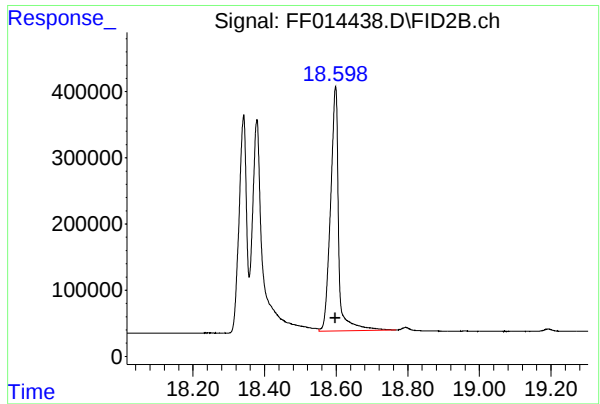
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.341 min
Delta R.T.: 0.000 min
Response: 4633604
Conc: 41.79 ug/ml



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

R.T.: 18.378 min
Delta R.T.: 0.000 min
Response: 6495957
Conc: 43.41 ug/ml



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

R.T.: 18.598 min
Delta R.T.: 0.000 min
Response: 5834277
Conc: 43.33 ug/ml

Instrument :
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ClientSampleId :
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