

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045569.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 18:53
 Operator : YP/AJ
 Sample : PB152543BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152543BSD

Integration File: autoint1.e
 Quant Time: May 04 04:08:33 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...	7.547	6880956	47.594 ug/ml
Spiked Amount 50.000		Recovery =	95.19%
6) S 2-Fluorobiphenyl (SURR)	8.402	4425256	47.456 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.91%
11) S ortho-Terphenyl (SURR)	11.443	7057724	39.436 ug/ml
Spiked Amount 50.000		Recovery =	78.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	5100466	30.441 ug/ml
2) T Naphthalene (C11.7)	5.884	5827497	34.050 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	5856626	34.616 ug/ml
5) T Acenaphthylene (C15.06)	8.207	6509974	43.033 ug/ml
7) T Acenaphthene (C15.5)	8.503	6932631	42.760 ug/ml
8) T Fluorene (C16.55)	9.281	6692542	43.448 ug/ml
9) T Phenanthrene (C19.36)	10.672	6680772	44.786 ug/ml
10) T Anthracene (C19.43)	10.747	6517641	50.456 ug/ml
12) T Fluoranthene (C21.85)	12.478	6649110	45.178 ug/ml
13) T Pyrene (C20.8)	12.773	6675423	46.535 ug/ml
14) T Benzo[a]anthracene (C...	14.639	6016092	45.909 ug/ml
15) T Chrysene (C27.41)	14.682	5875755	43.043 ug/ml
16) T benzo[b]fluoranthene ...	16.182	6110749	45.765 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	5822367	43.525 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	5341618	41.745 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	5023318	39.989 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	4931956	36.204 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	5539540	42.284 ug/ml

(f)=RT Delta > 1/2 Window

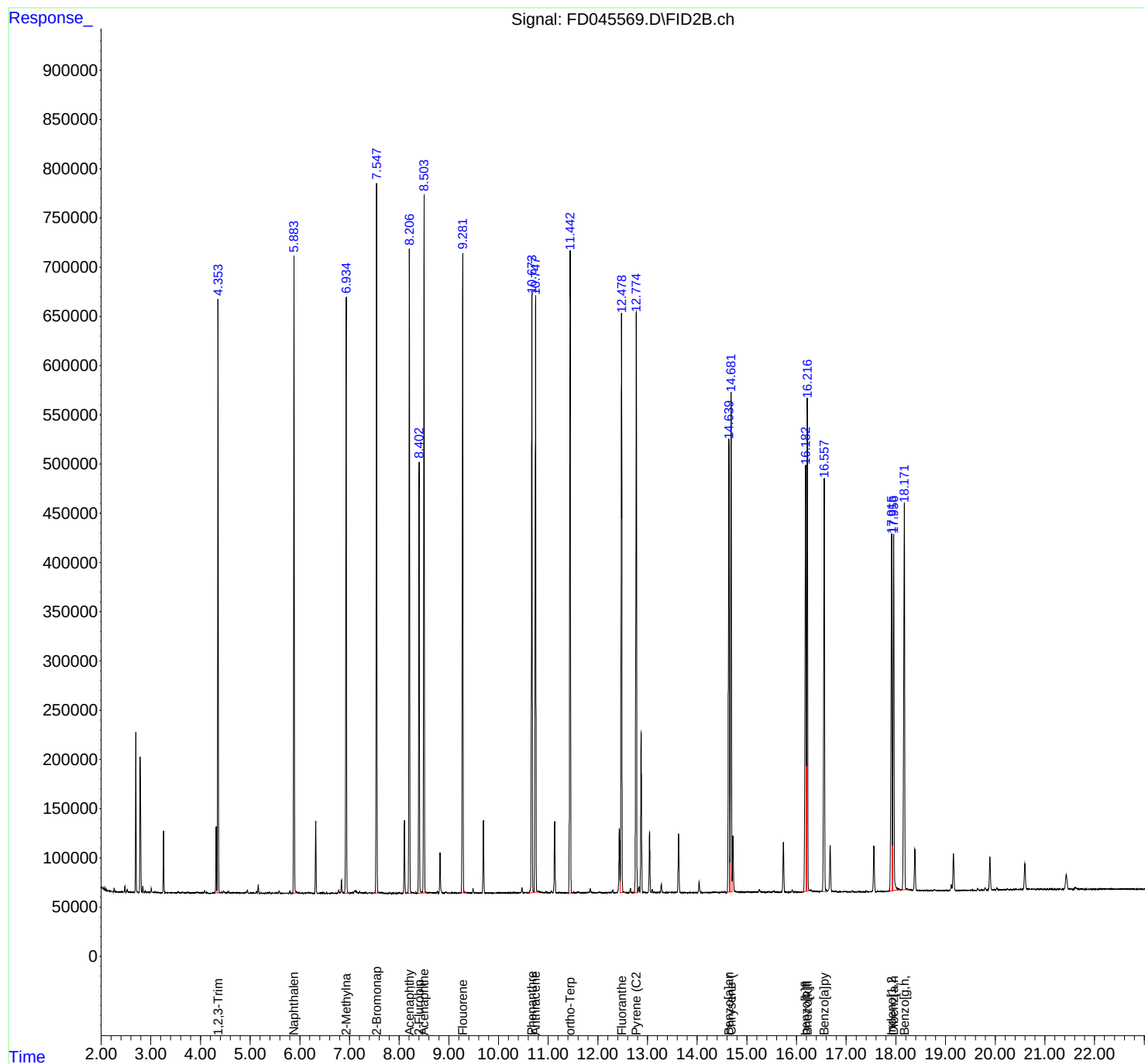
(m)=manual int.

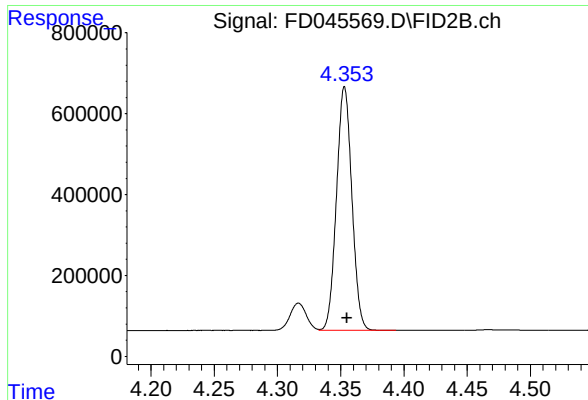
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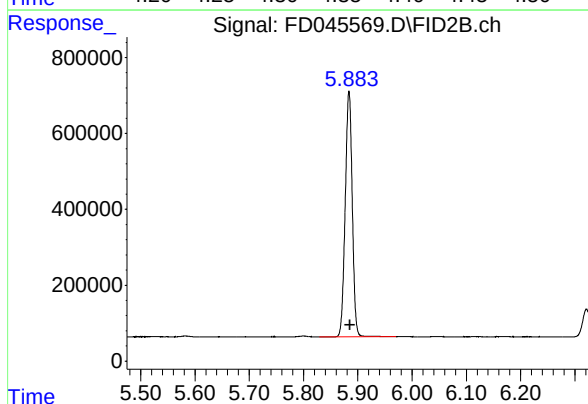




#1 1,2,3-Trimethylbenzene (C10.1)

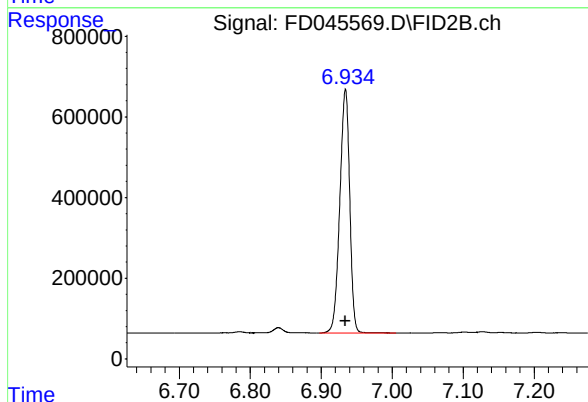
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 5100466
Conc: 30.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152543BSD



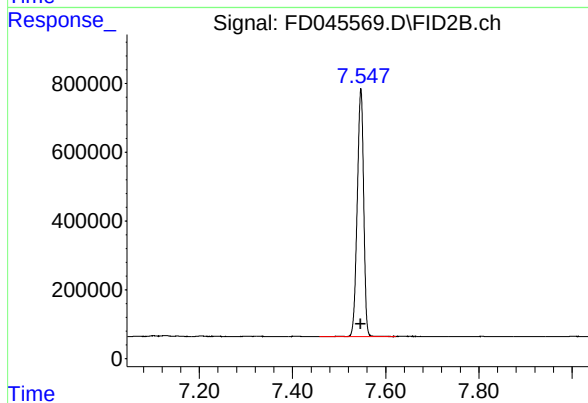
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 5827497
Conc: 34.05 ug/ml



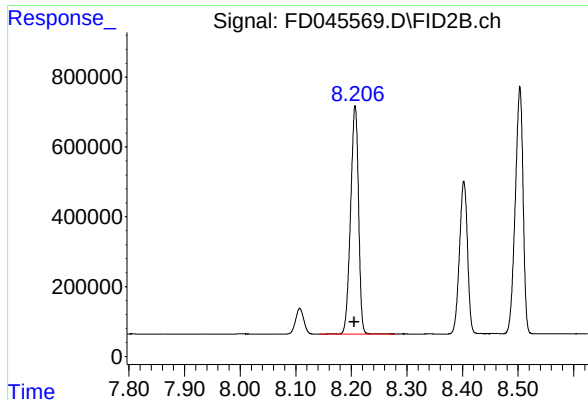
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 5856626
Conc: 34.62 ug/ml



#4 2-Bromonaphthalene (SURR)

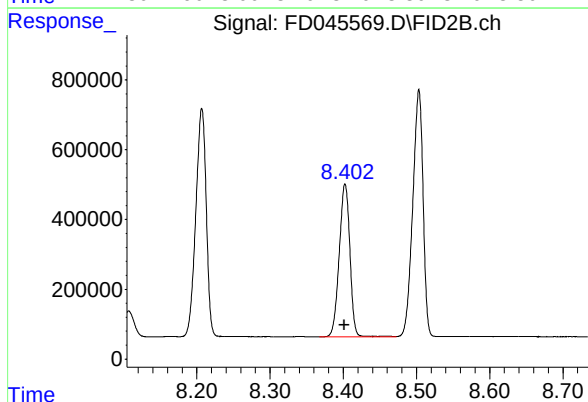
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 6880956
Conc: 47.59 ug/ml



#5 Acenaphthylene (C15.06)

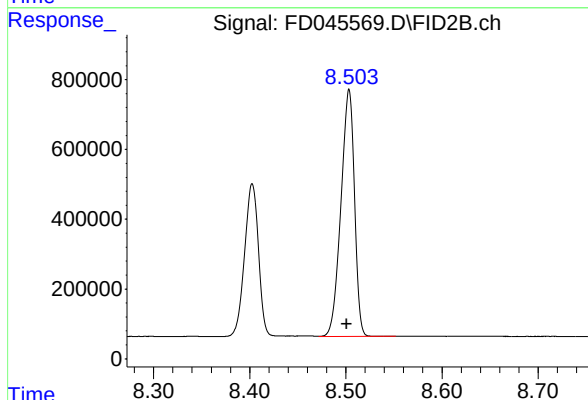
R.T.: 8.207 min
Delta R.T.: 0.002 min
Response: 6509974
Conc: 43.03 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152543BSD



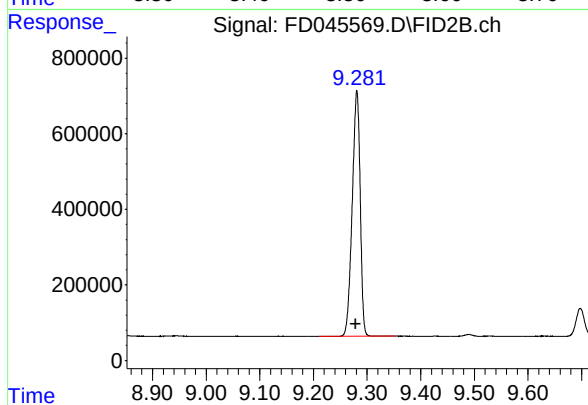
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.001 min
Response: 4425256
Conc: 47.46 ug/ml



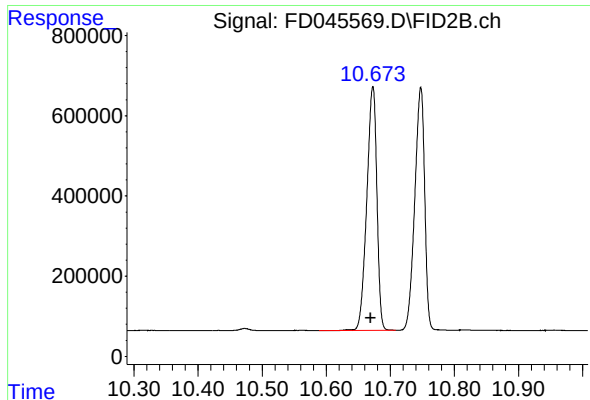
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.002 min
Response: 6932631
Conc: 42.76 ug/ml



#8 Fluorene (C16.55)

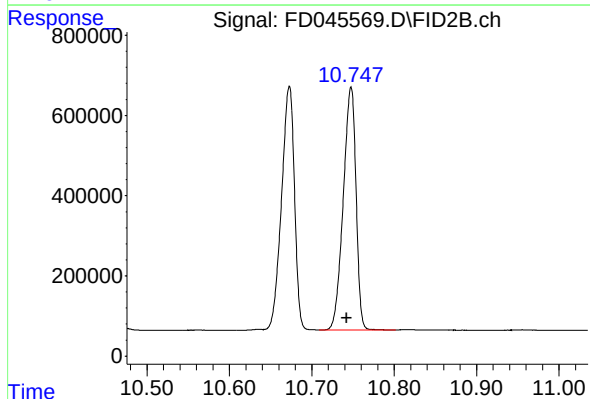
R.T.: 9.281 min
Delta R.T.: 0.002 min
Response: 6692542
Conc: 43.45 ug/ml



#9 Phenanthrene (C19.36)

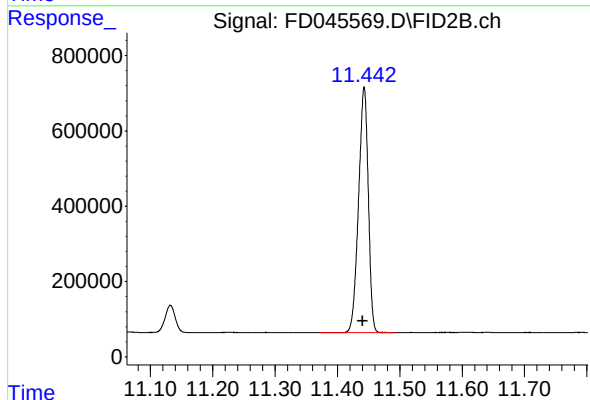
R.T.: 10.672 min
Delta R.T.: 0.003 min
Response: 6680772
Conc: 44.79 ug/ml

Instrument :
FID_D
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PB152543BSD



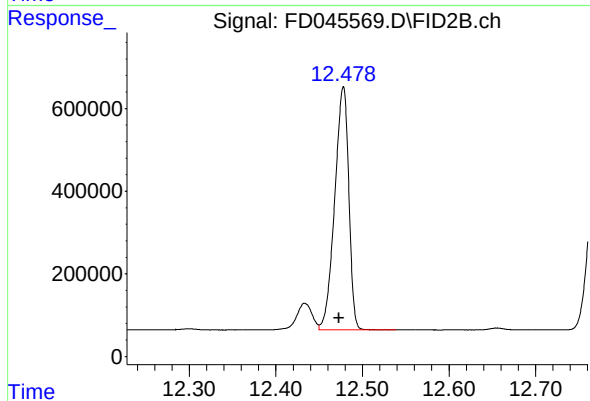
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.005 min
Response: 6517641
Conc: 50.46 ug/ml



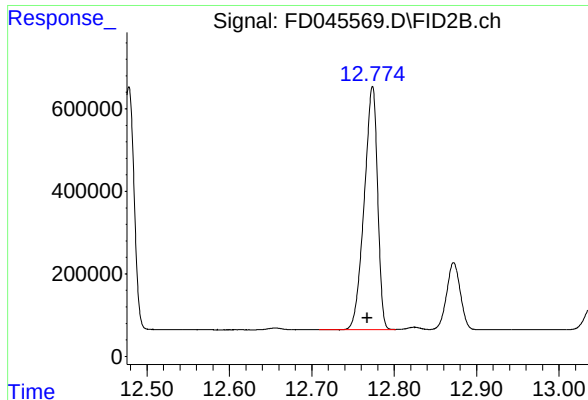
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: 0.002 min
Response: 7057724
Conc: 39.44 ug/ml



#12 Fluoranthene (C21.85)

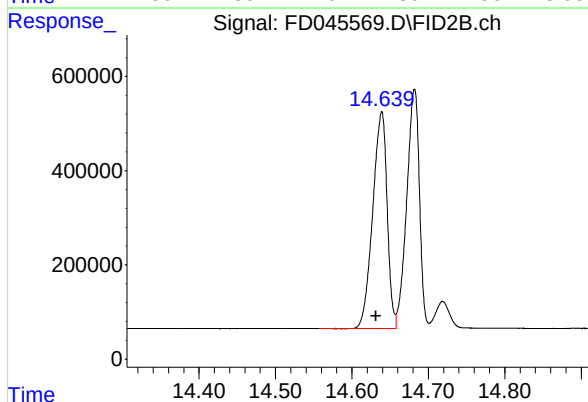
R.T.: 12.478 min
Delta R.T.: 0.005 min
Response: 6649110
Conc: 45.18 ug/ml



#13 Pyrene (C20.8)

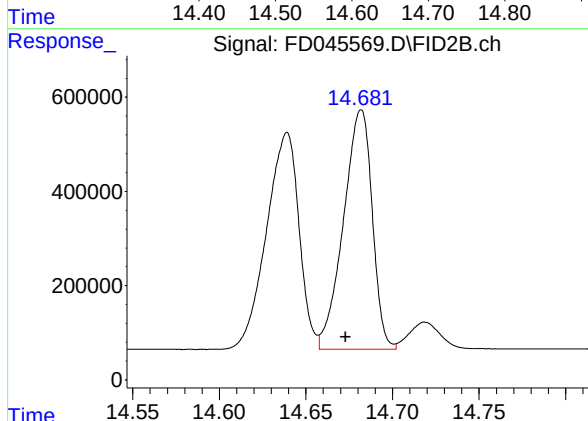
R.T.: 12.773 min
Delta R.T.: 0.006 min
Response: 6675423
Conc: 46.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152543BSD



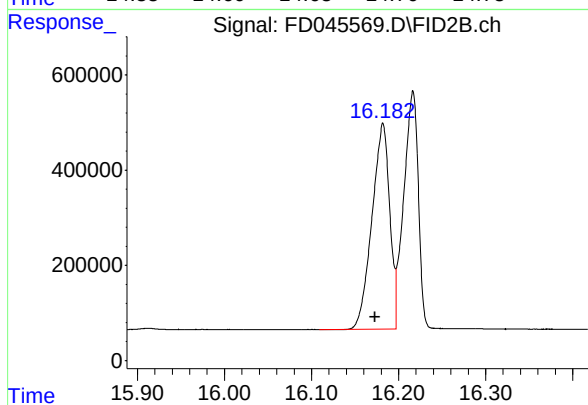
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.007 min
Response: 6016092
Conc: 45.91 ug/ml



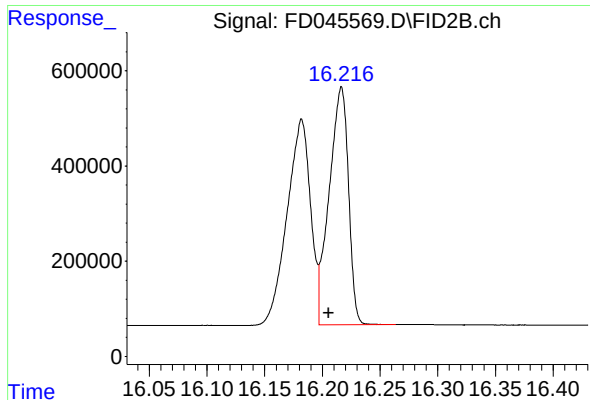
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.009 min
Response: 5875755
Conc: 43.04 ug/ml



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

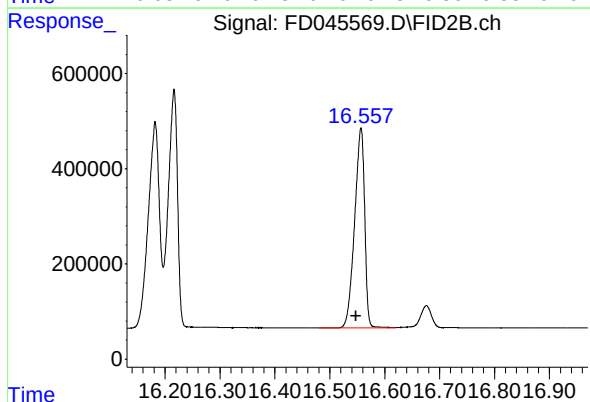
R.T.: 16.182 min
Delta R.T.: 0.009 min
Response: 6110749
Conc: 45.76 ug/ml



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

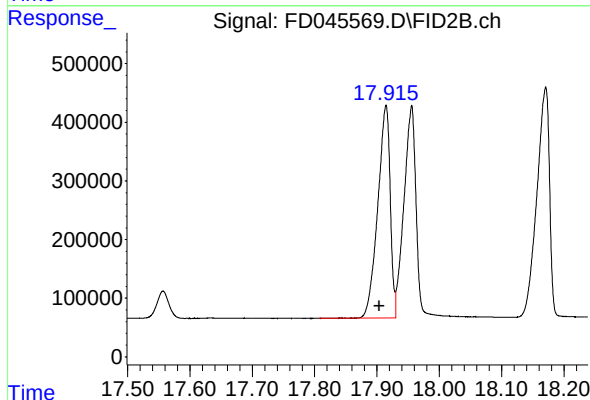
R.T.: 16.216 min
Delta R.T.: 0.011 min
Response: 5822367
Conc: 43.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152543BSD



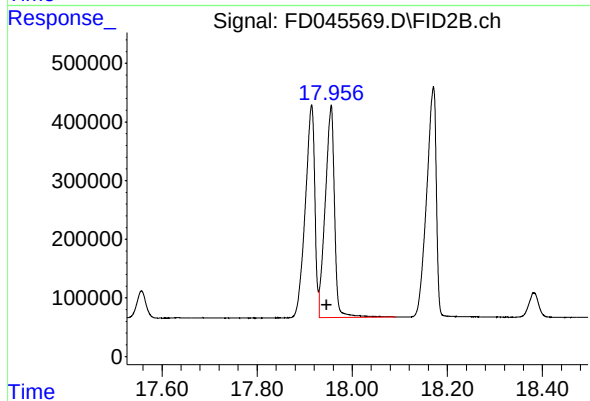
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.009 min
Response: 5341618
Conc: 41.75 ug/ml



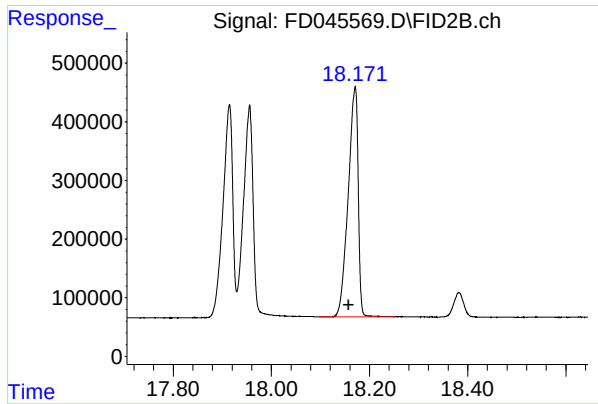
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.010 min
Response: 5023318
Conc: 39.99 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.009 min
Response: 4931956
Conc: 36.20 ug/ml



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

R.T.: 18.170 min

Delta R.T.: 0.013 min

Response: 5539540

Conc: 42.28 ug/ml

Instrument :

FID_D

ClientSampleId :

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