

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091324AR\
 Data File : FD048314.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 19:08
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 14 01:19:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.388	3263480	21.518 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
6) S 2-Fluorobiphenyl (SURR)	8.239	2123368	22.223 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.45%
11) S ortho-Terphenyl (SURR)	11.274	3772874	21.990 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.209	3707114	21.014 ug/ml
2) T Naphthalene (C11.7)	5.729	3853567	21.309 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	3831344	21.415 ug/ml
5) T Acenaphthylene (C15.06)	8.041	3755789	21.497 ug/ml
7) T Acenaphthene (C15.5)	8.335	3867547	21.746 ug/ml
8) T Fluorene (C16.55)	9.114	3668490	21.908 ug/ml
9) T Phenanthrene (C19.36)	10.501	3561900	22.062 ug/ml
10) T Anthracene (C19.43)	10.576	2834006	17.809 ug/ml
12) T Fluoranthene (C21.85)	12.304	3588627	22.137 ug/ml
13) T Pyrene (C20.8)	12.597	3576874	22.308 ug/ml
14) T Benzo[a]anthracene (C...	14.465	3190358	22.776 ug/ml
15) T Chrysene (C27.41)	14.507	3523492	21.391 ug/ml
16) T benzo[b]fluoranthene ...	16.012	3406551	22.928 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	3473971	22.556 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	3287384	22.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	2632735	23.300 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	2707414	17.740 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	3306564	22.432 ug/ml

(f)=RT Delta > 1/2 Window

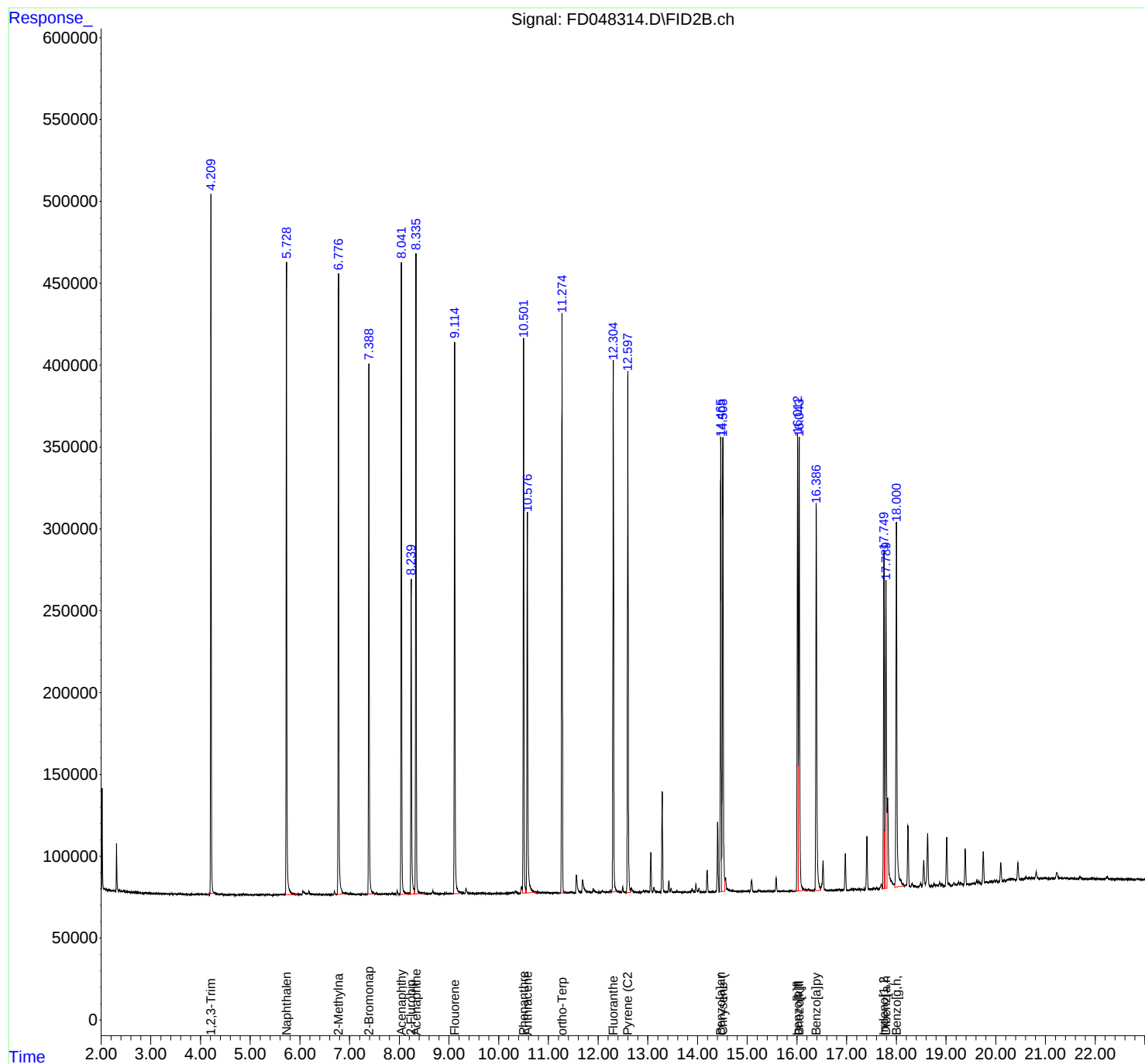
(m)=manual int.

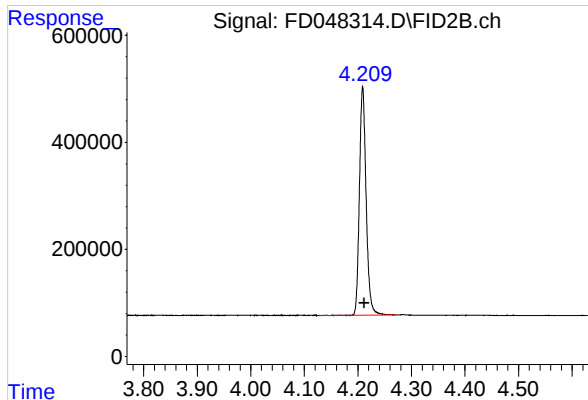
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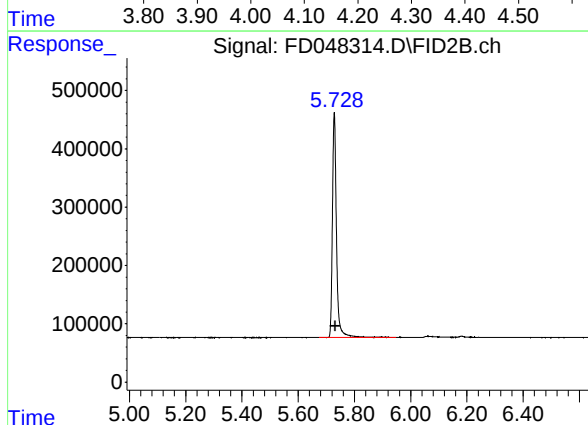




#1 1,2,3-Trimethylbenzene (C10.1)

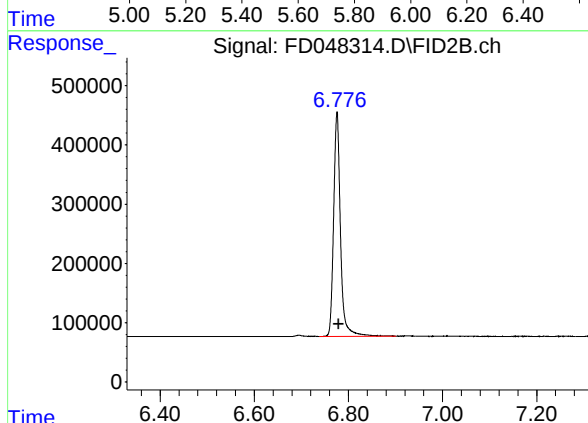
R.T.: 4.209 min
Delta R.T.: -0.003 min
Response: 3707114
Conc: 21.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



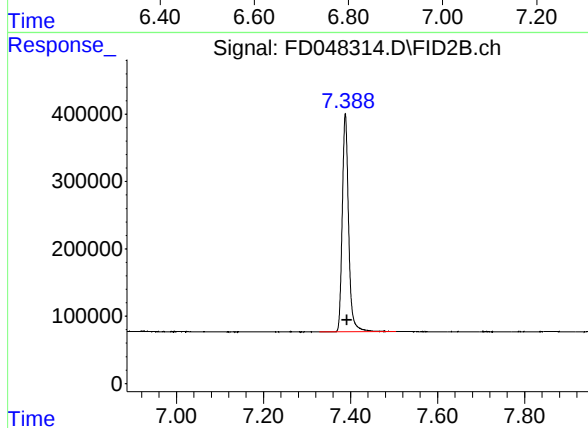
#2 Naphthalene (C11.7)

R.T.: 5.729 min
Delta R.T.: -0.004 min
Response: 3853567
Conc: 21.31 ug/ml



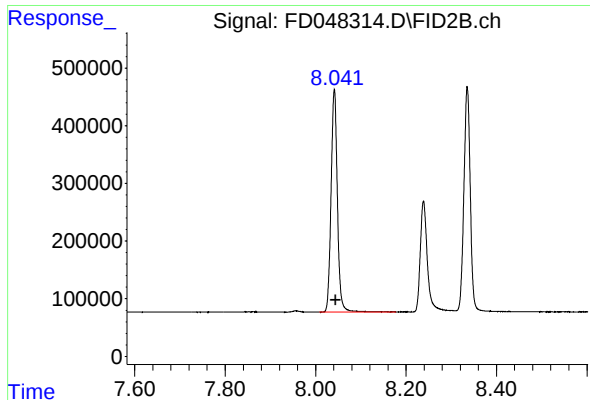
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 3831344
Conc: 21.42 ug/ml



#4 2-Bromonaphthalene (SURR)

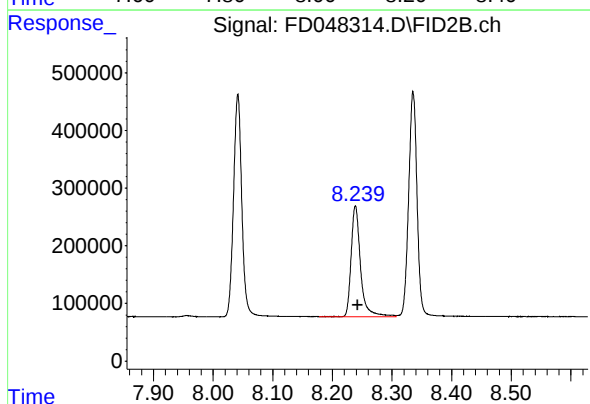
R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 3263480
Conc: 21.52 ug/ml



#5 Acenaphthylene (C15.06)

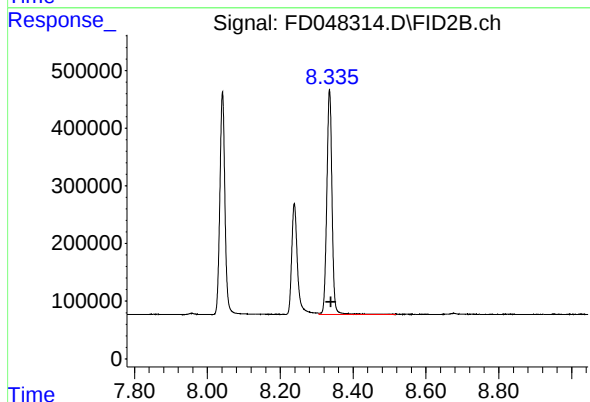
R.T.: 8.041 min
Delta R.T.: -0.003 min
Response: 3755789
Conc: 21.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



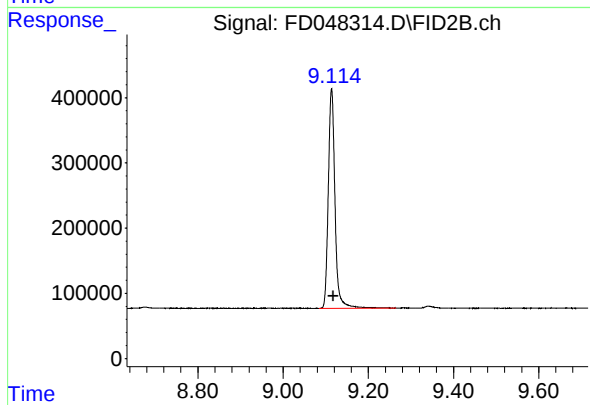
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 2123368
Conc: 22.22 ug/ml



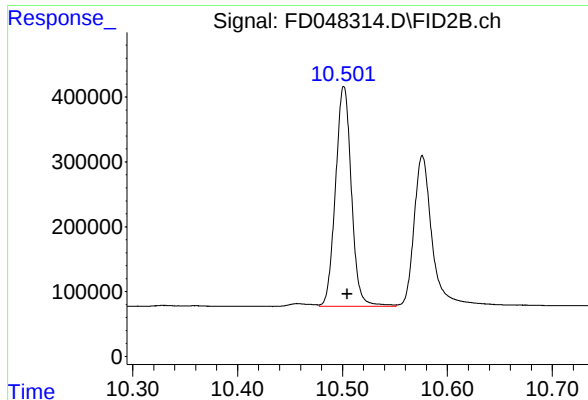
#7 Acenaphthene (C15.5)

R.T.: 8.335 min
Delta R.T.: -0.004 min
Response: 3867547
Conc: 21.75 ug/ml



#8 Flouorene (C16.55)

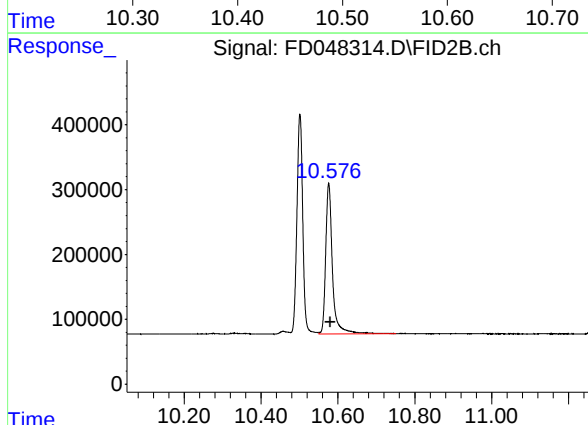
R.T.: 9.114 min
Delta R.T.: -0.004 min
Response: 3668490
Conc: 21.91 ug/ml



#9 Phenanthrene (C19.36)

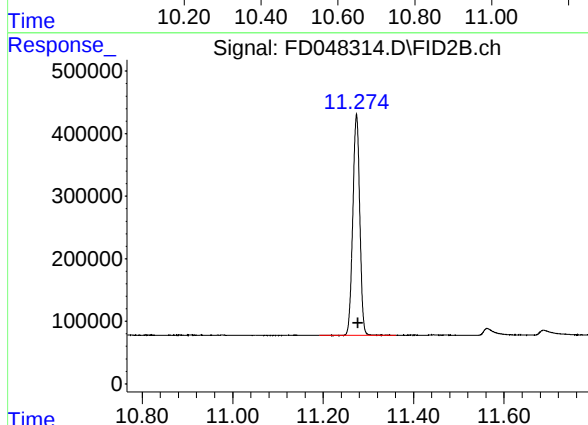
R.T.: 10.501 min
Delta R.T.: -0.003 min
Response: 3561900
Conc: 22.06 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



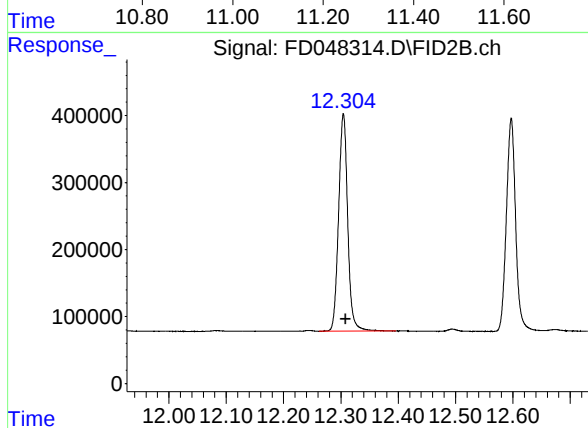
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: -0.004 min
Response: 2834006
Conc: 17.81 ug/ml



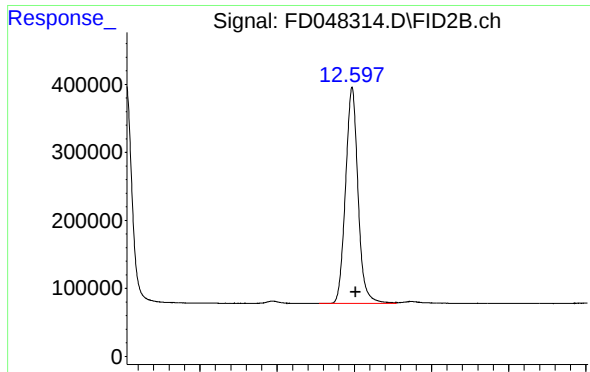
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 3772874
Conc: 21.99 ug/ml



#12 Fluoranthene (C21.85)

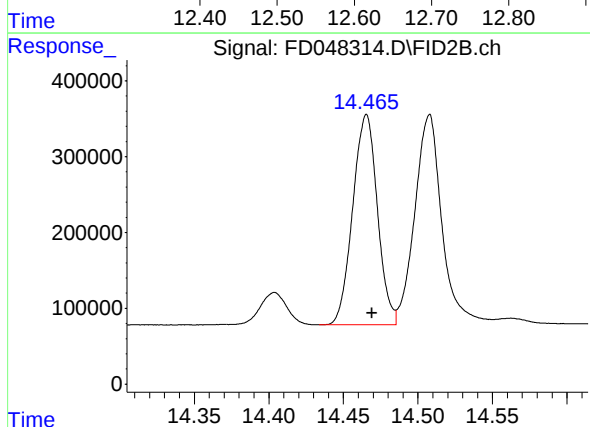
R.T.: 12.304 min
Delta R.T.: -0.004 min
Response: 3588627
Conc: 22.14 ug/ml



#13 Pyrene (C20.8)

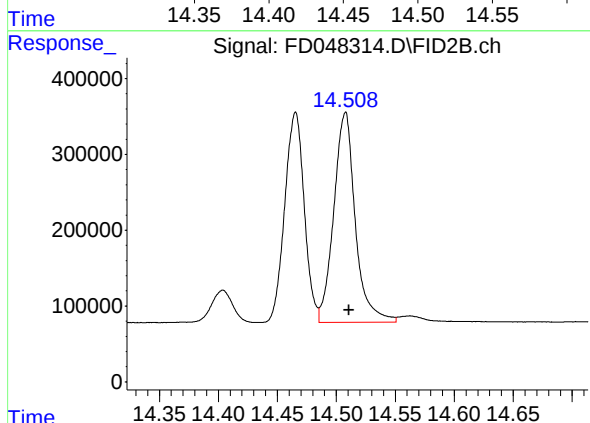
R.T.: 12.597 min
Delta R.T.: -0.005 min
Response: 3576874
Conc: 22.31 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



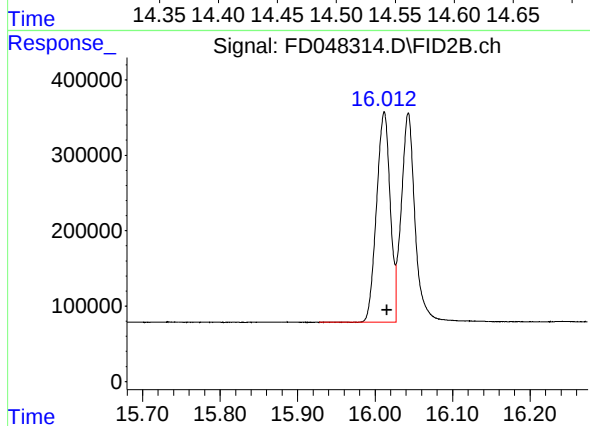
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.004 min
Response: 3190358
Conc: 22.78 ug/ml



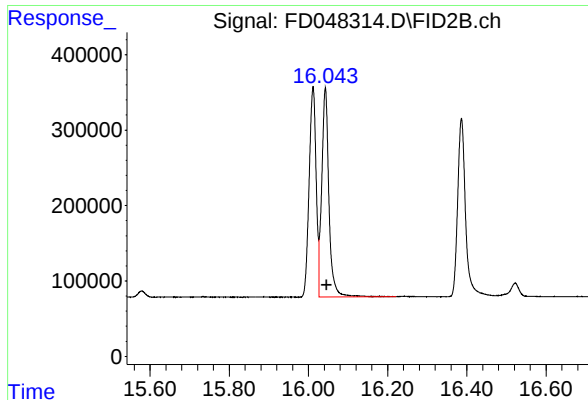
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.003 min
Response: 3523492
Conc: 21.39 ug/ml



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

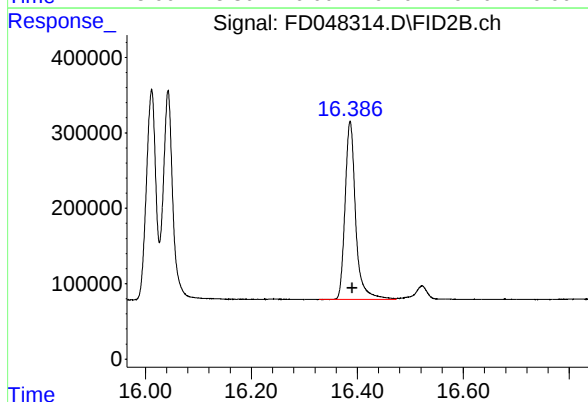
R.T.: 16.012 min
Delta R.T.: -0.004 min
Response: 3406551
Conc: 22.93 ug/ml



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

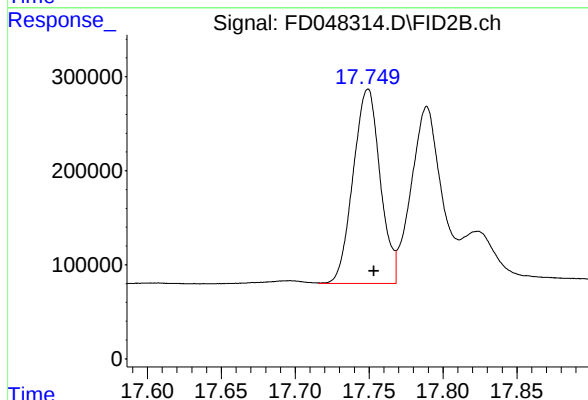
R.T.: 16.043 min
Delta R.T.: -0.003 min
Response: 3473971
Conc: 22.56 ug/ml

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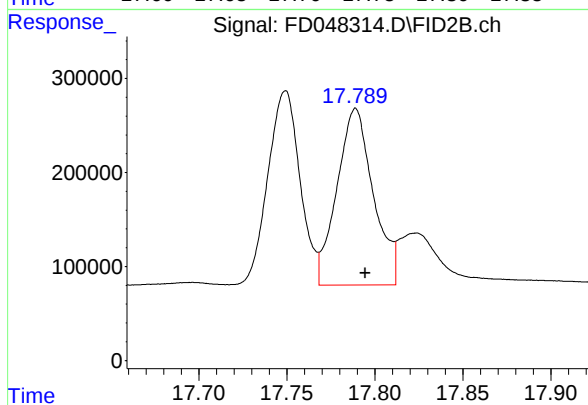
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.004 min
Response: 3287384
Conc: 22.22 ug/ml



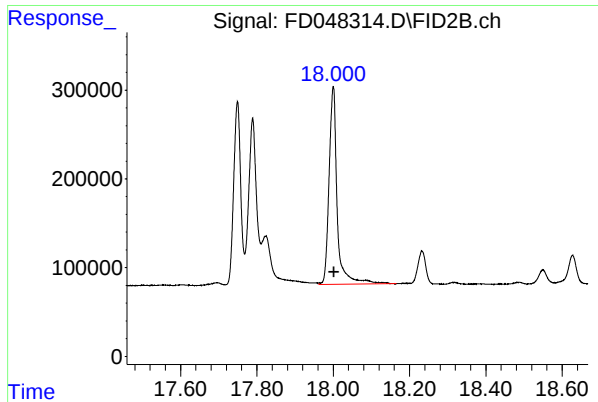
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.004 min
Response: 2632735
Conc: 23.30 ug/ml



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

R.T.: 17.789 min
Delta R.T.: -0.006 min
Response: 2707414
Conc: 17.74 ug/ml



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

R.T.: 18.000 min
Delta R.T.: -0.003 min
Response: 3306564
Conc: 22.43 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD