

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048619.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2024 12:00
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 02:40:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.371	2757700	18.169 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
6) S 2-Fluorobiphenyl (SURR)	8.221	1796660	18.297 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.59%
11) S ortho-Terphenyl (SURR)	11.254	3063908	17.987 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	3198918	18.388 ug/ml
2) T Naphthalene (C11.7)	5.711	3276023	18.360 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	3259046	18.221 ug/ml
5) T Acenaphthylene (C15.06)	8.023	3193475	18.187 ug/ml
7) T Acenaphthene (C15.5)	8.316	3205902	18.075 ug/ml
8) T Fluorene (C16.55)	9.095	3073027	18.180 ug/ml
9) T Phenanthrene (C19.36)	10.481	2978847	18.020 ug/ml
10) T Anthracene (C19.43)	10.556	2824782	17.665 ug/ml
12) T Fluoranthene (C21.85)	12.284	2973929	18.070 ug/ml
13) T Pyrene (C20.8)	12.577	2920424	18.131 ug/ml
14) T Benzo[a]anthracene (C...	14.446	2703806	18.492 ug/ml
15) T Chrysene (C27.41)	14.487	2947861	17.921 ug/ml
16) T benzo[b]fluoranthene ...	15.992	2857062	18.793 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	2772451	18.446 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	2815873	18.711 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	2432797	18.645 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	2943362	18.087 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	2883702	18.836 ug/ml

(f)=RT Delta > 1/2 Window

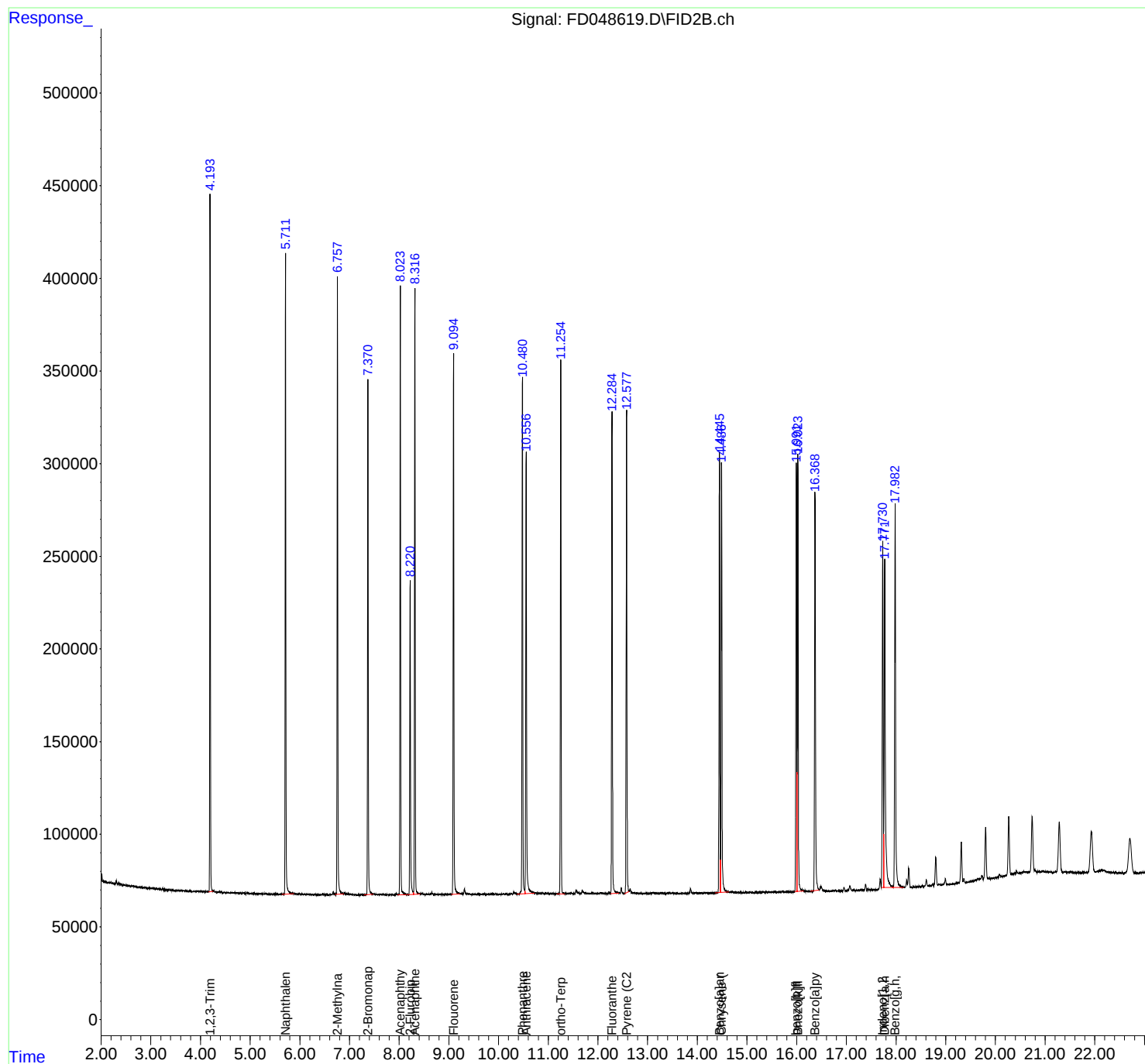
(m)=manual int.

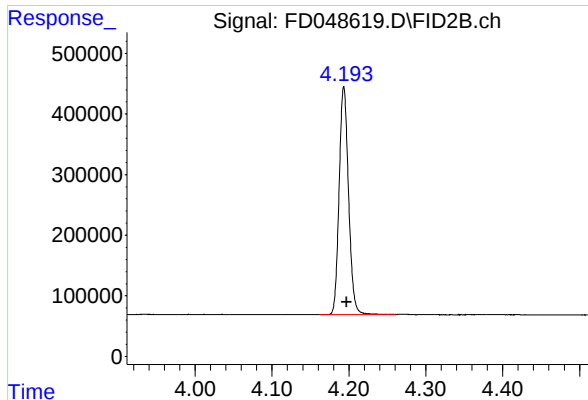
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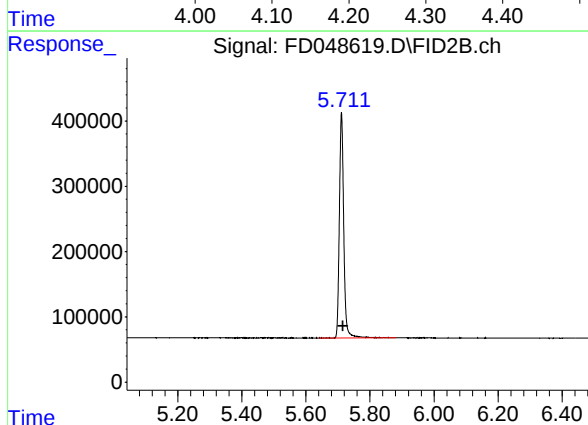




#1 1,2,3-Trimethylbenzene (C10.1)

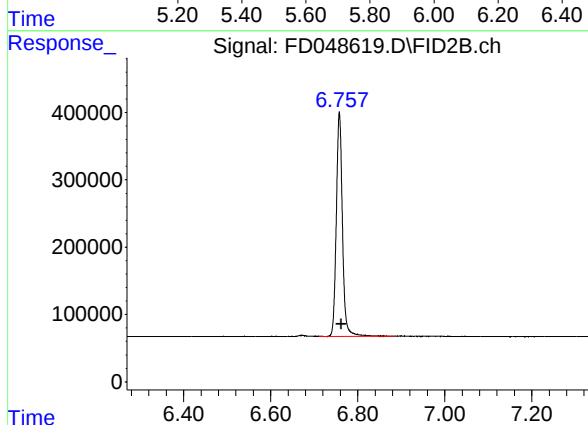
R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 3198918
Conc: 18.39 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



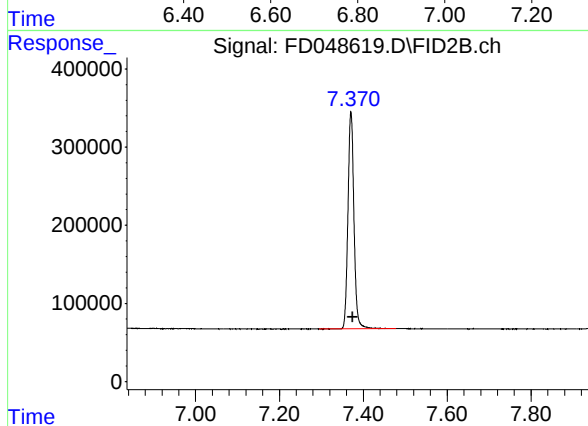
#2 Naphthalene (C11.7)

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 3276023
Conc: 18.36 ug/ml



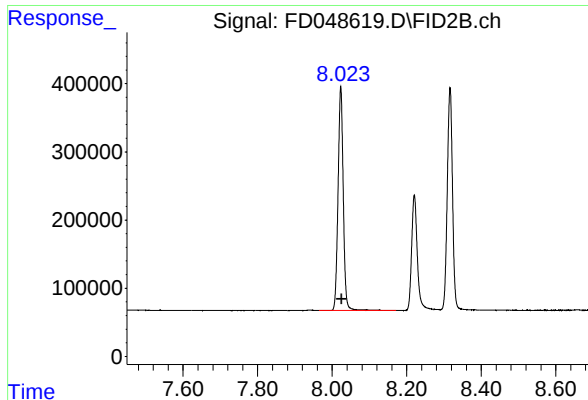
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: -0.004 min
Response: 3259046
Conc: 18.22 ug/ml



#4 2-Bromonaphthalene (SURR)

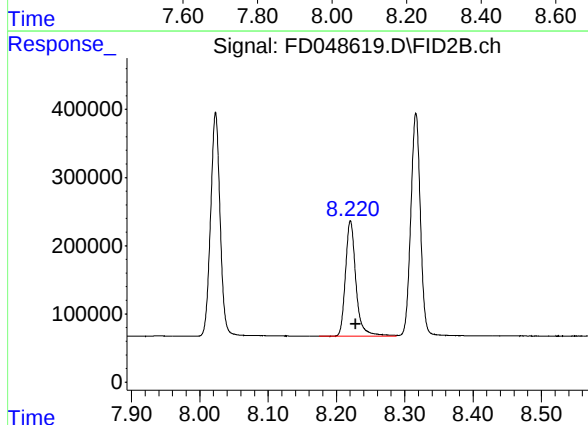
R.T.: 7.371 min
Delta R.T.: -0.004 min
Response: 2757700
Conc: 18.17 ug/ml



#5 Acenaphthylene (C15.06)

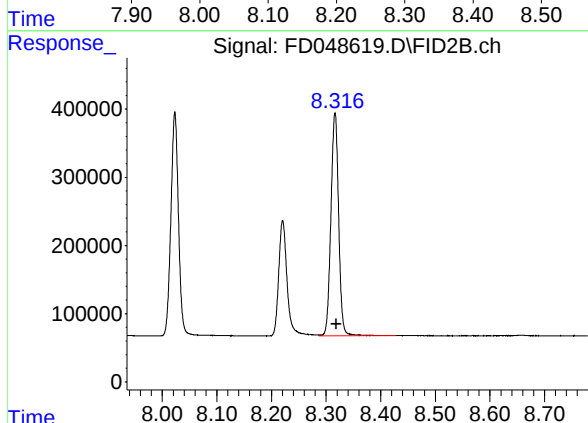
R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 3193475
Conc: 18.19 ug/ml

Instrument :
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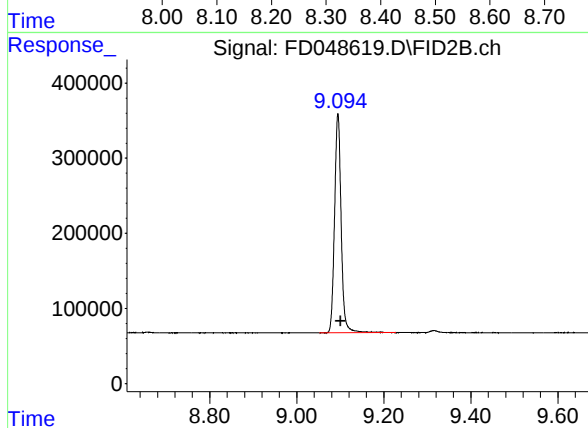
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 1796660
Conc: 18.30 ug/ml



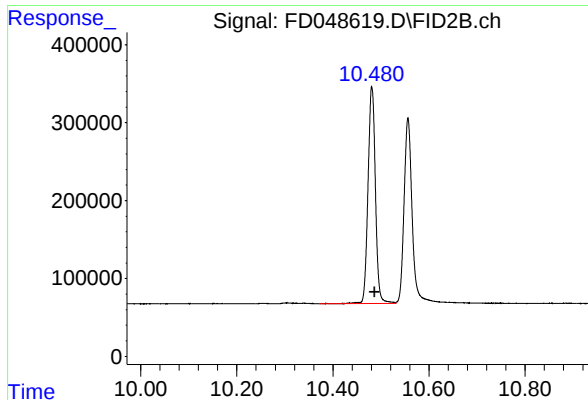
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 3205902
Conc: 18.08 ug/ml



#8 Flouorene (C16.55)

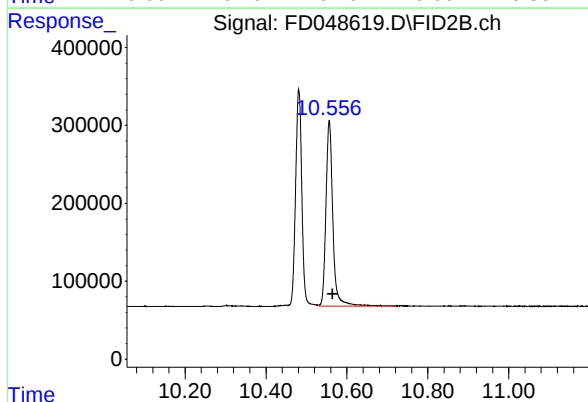
R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 3073027
Conc: 18.18 ug/ml



#9 Phenanthrene (C19.36)

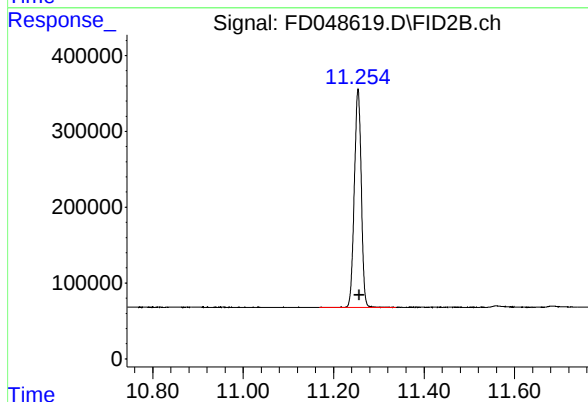
R.T.: 10.481 min
Delta R.T.: -0.006 min
Response: 2978847
Conc: 18.02 ug/ml

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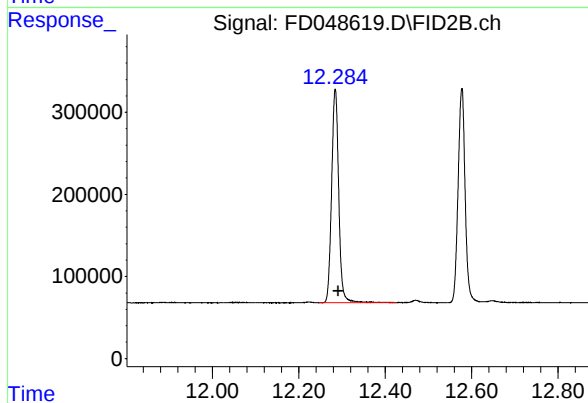
#10 Anthracene (C19.43)

R.T.: 10.556 min
Delta R.T.: -0.008 min
Response: 2824782
Conc: 17.66 ug/ml



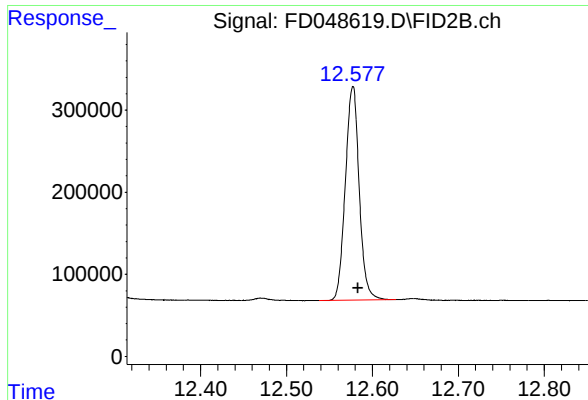
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 3063908
Conc: 17.99 ug/ml



#12 Fluoranthene (C21.85)

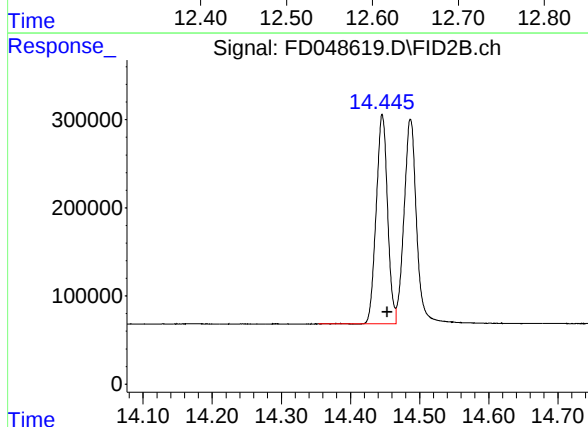
R.T.: 12.284 min
Delta R.T.: -0.007 min
Response: 2973929
Conc: 18.07 ug/ml



#13 Pyrene (C20.8)

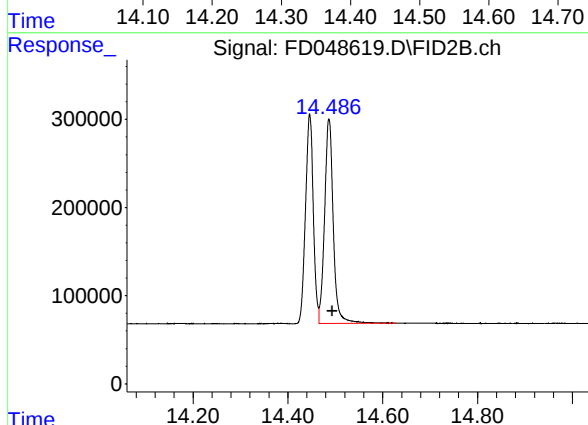
R.T.: 12.577 min
Delta R.T.: -0.006 min
Response: 2920424
Conc: 18.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



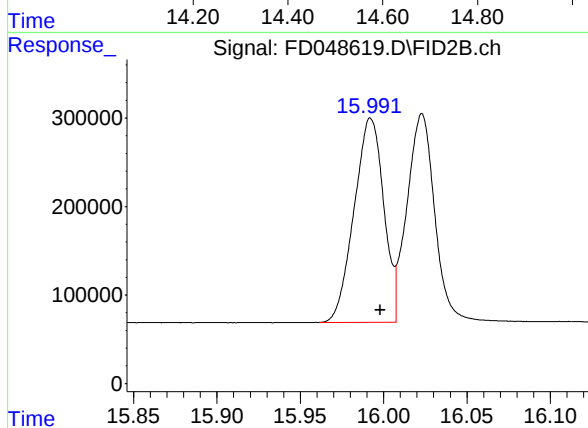
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: -0.008 min
Response: 2703806
Conc: 18.49 ug/ml



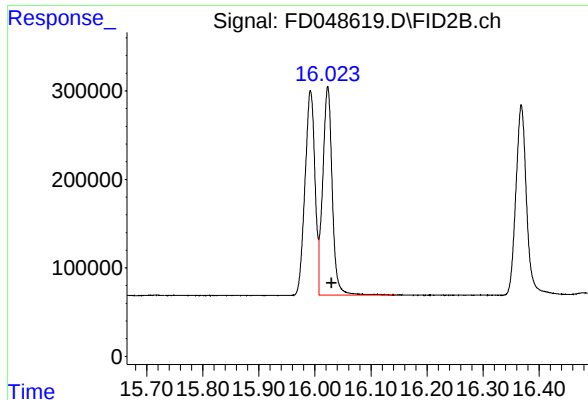
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: -0.007 min
Response: 2947861
Conc: 17.92 ug/ml



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

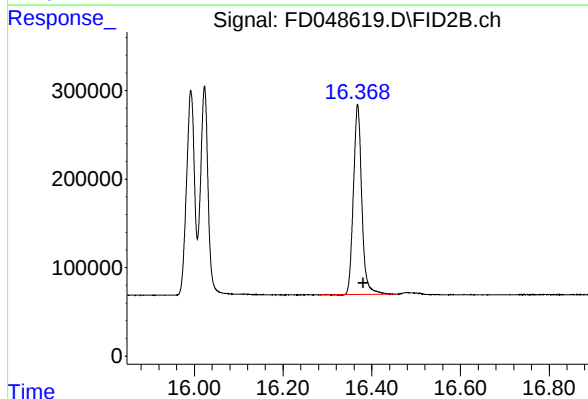
R.T.: 15.992 min
Delta R.T.: -0.006 min
Response: 2857062
Conc: 18.79 ug/ml



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

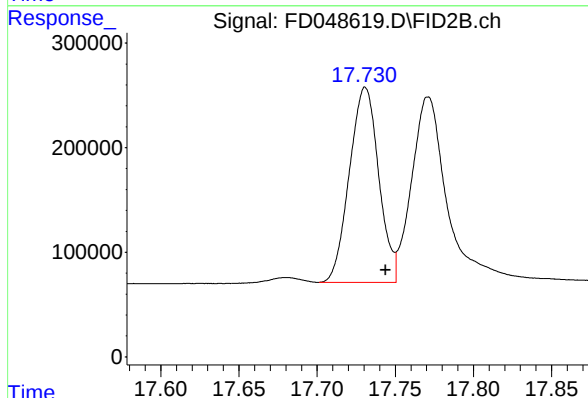
R.T.: 16.022 min
Delta R.T.: -0.007 min
Response: 2772451
Conc: 18.45 ug/ml

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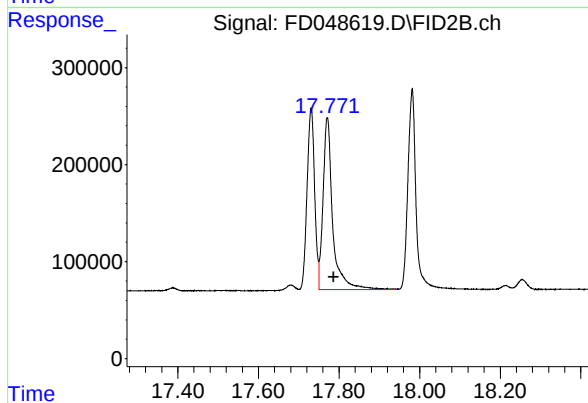
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.012 min
Response: 2815873
Conc: 18.71 ug/ml



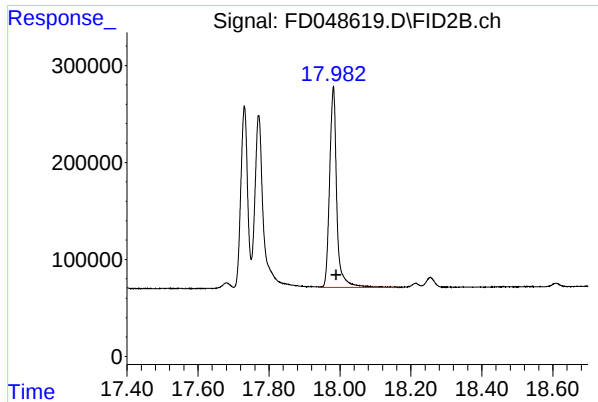
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.013 min
Response: 2432797
Conc: 18.65 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.016 min
Response: 2943362
Conc: 18.09 ug/ml



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

R.T.: 17.981 min

Delta R.T.: -0.009 min

Response: 2883702

Conc: 18.84 ug/ml

Instrument :

FID_D

ClientSampleId :

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