

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091324AR\
 Data File : FD048302.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 10:49
 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 01:17:25 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...	7.389	3152502	20.786 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
6) S 2-Fluorobiphenyl (SURR)	8.240	1999666	20.928 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.86%
11) S ortho-Terphenyl (SURR)	11.274	3608491	21.032 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.210	3608736	20.457 ug/ml
2) T Naphthalene (C11.7)	5.730	3676005	20.328 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	3658934	20.451 ug/ml
5) T Acenaphthylene (C15.06)	8.042	3609119	20.657 ug/ml
7) T Acenaphthene (C15.5)	8.336	3729710	20.971 ug/ml
8) T Fluorene (C16.55)	9.115	3499635	20.900 ug/ml
9) T Phenanthrene (C19.36)	10.501	3395443	21.031 ug/ml
10) T Anthracene (C19.43)	10.577	2680824	16.847 ug/ml
12) T Fluoranthene (C21.85)	12.304	3373060	20.807 ug/ml
13) T Pyrene (C20.8)	12.598	3385103	21.112 ug/ml
14) T Benzo[a]anthracene (C...	14.466	2926057	20.889 ug/ml
15) T Chrysene (C27.41)	14.507	3297710	20.021 ug/ml
16) T benzo[b]fluoranthene ...	16.011	3151059	21.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	3361770	21.827 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	3029878	20.479 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	2072241	18.339 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	3210680	21.038 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	2929255	19.872 ug/ml

(f)=RT Delta > 1/2 Window

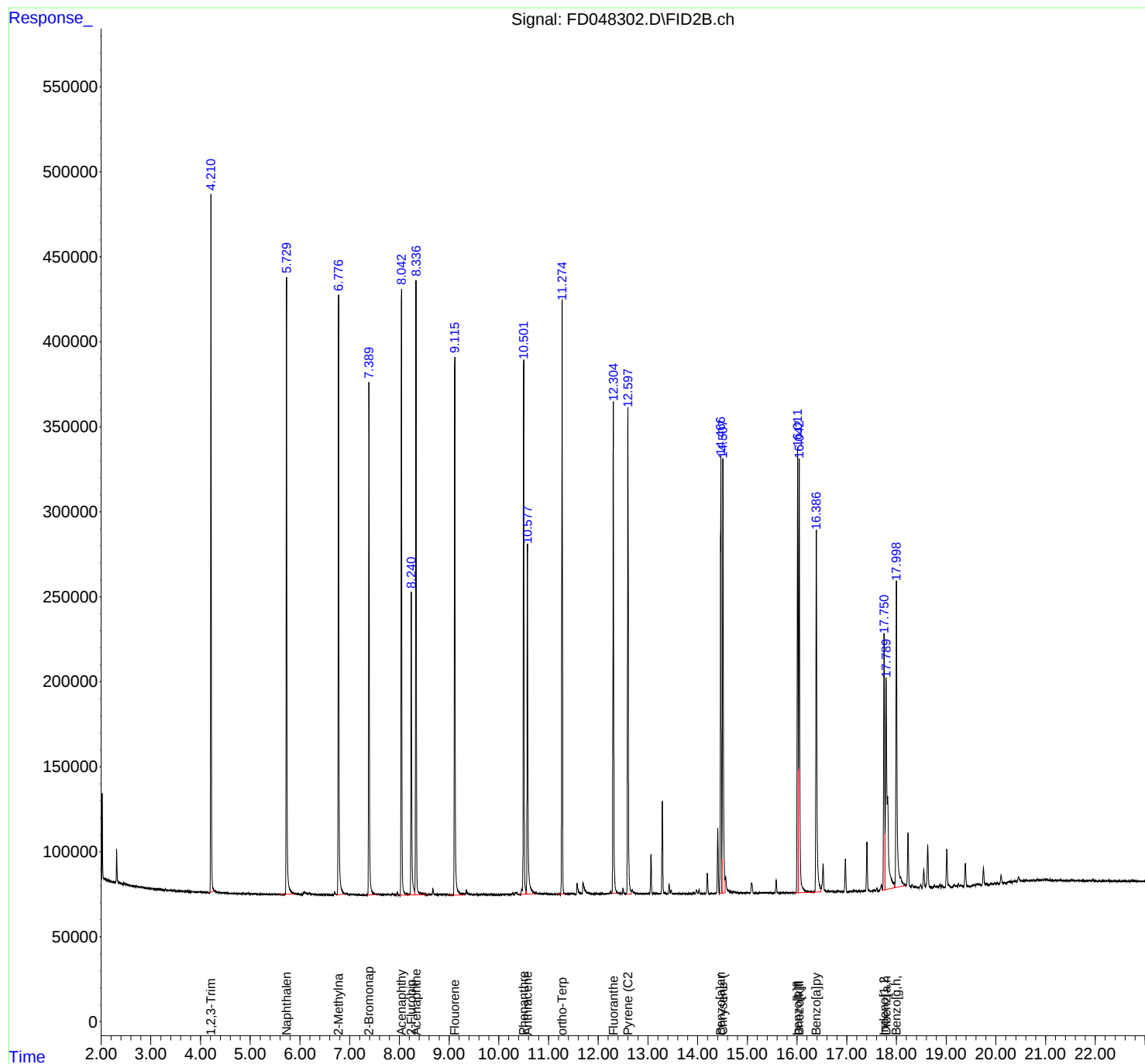
(m)=manual int.

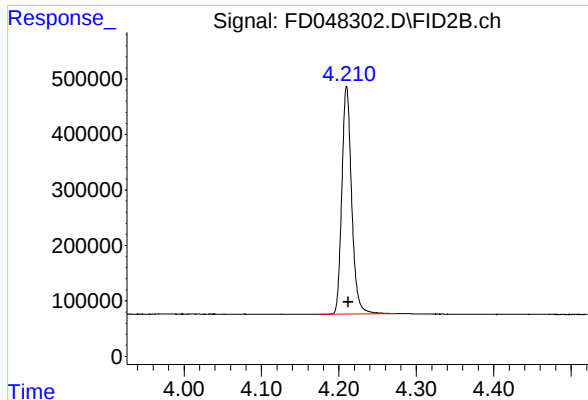
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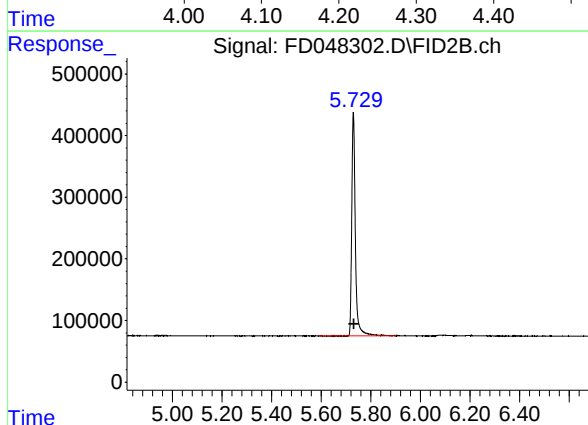




#1 1,2,3-Trimethylbenzene (C10.1)

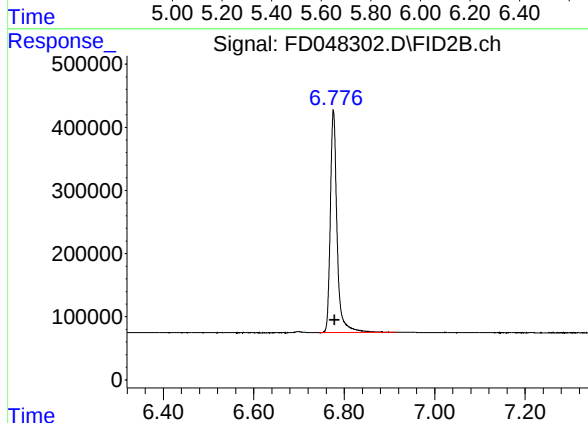
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 3608736
Conc: 20.46 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



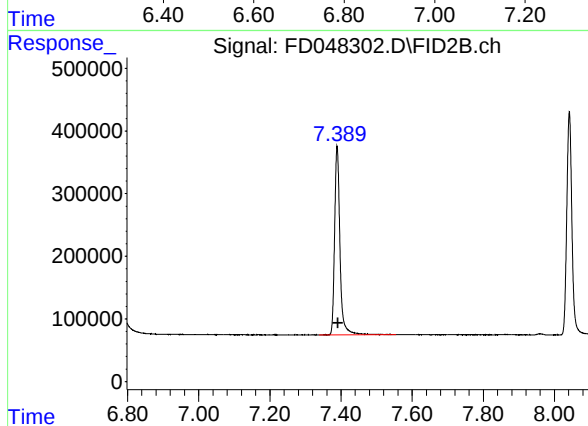
#2 Naphthalene (C11.7)

R.T.: 5.730 min
Delta R.T.: -0.003 min
Response: 3676005
Conc: 20.33 ug/ml



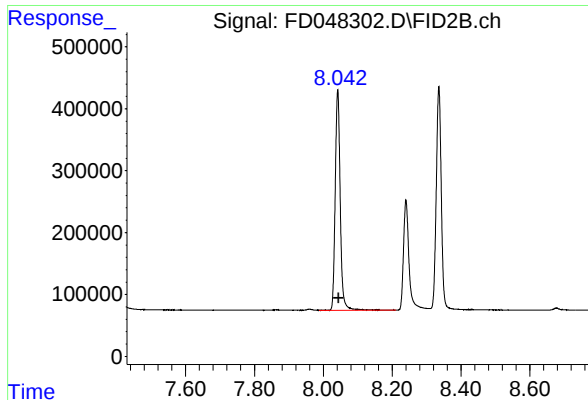
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 3658934
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

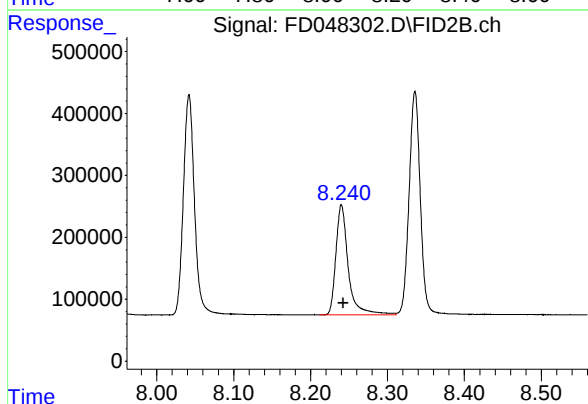
R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 3152502
Conc: 20.79 ug/ml



#5 Acenaphthylene (C15.06)

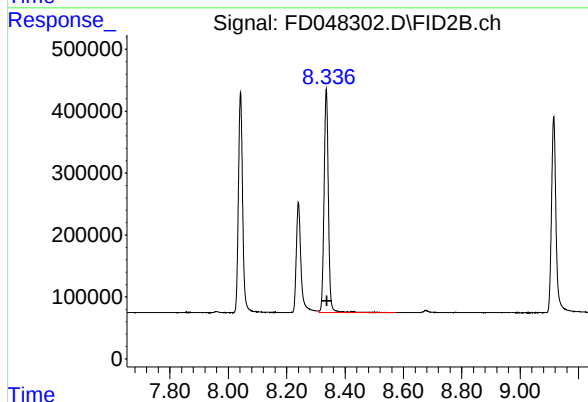
R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 3609119
Conc: 20.66 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



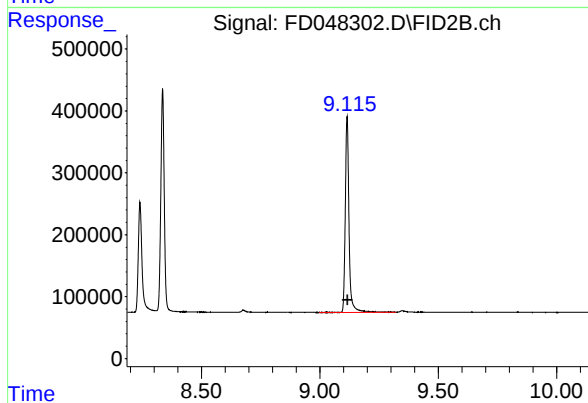
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 1999666
Conc: 20.93 ug/ml



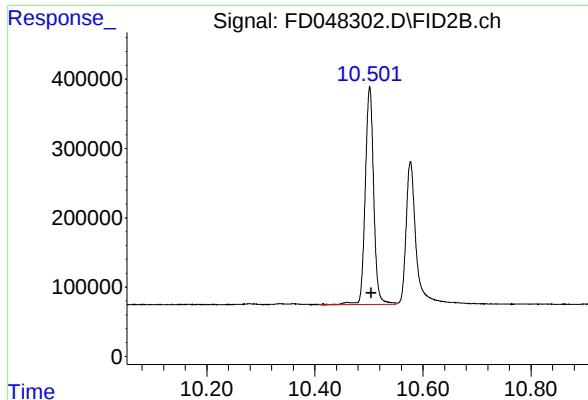
#7 Acenaphthene (C15.5)

R.T.: 8.336 min
Delta R.T.: -0.003 min
Response: 3729710
Conc: 20.97 ug/ml



#8 Fluorene (C16.55)

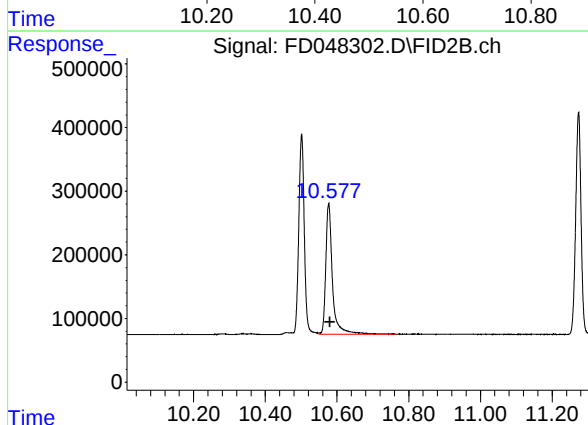
R.T.: 9.115 min
Delta R.T.: -0.003 min
Response: 3499635
Conc: 20.90 ug/ml



#9 Phenanthrene (C19.36)

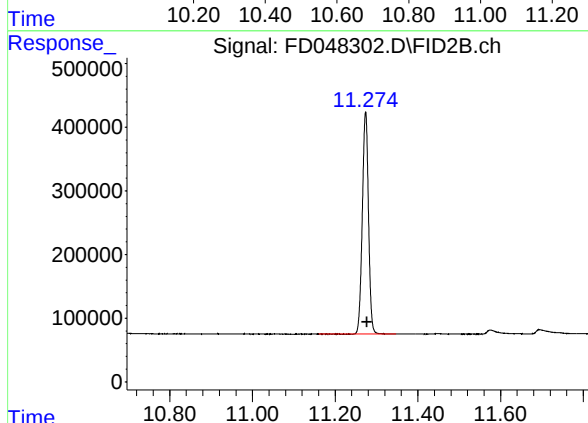
R.T.: 10.501 min
Delta R.T.: -0.003 min
Response: 3395443
Conc: 21.03 ug/ml

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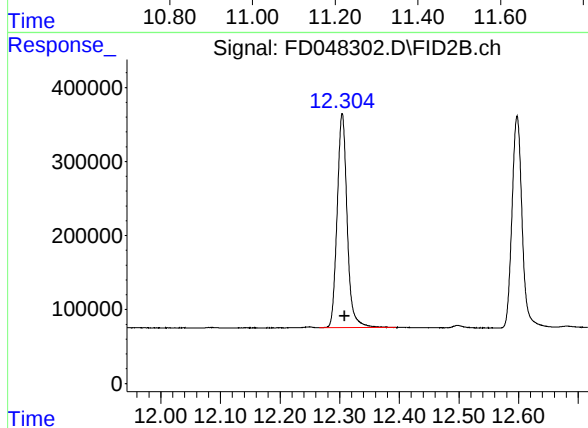
#10 Anthracene (C19.43)

R.T.: 10.577 min
Delta R.T.: -0.003 min
Response: 2680824
Conc: 16.85 ug/ml



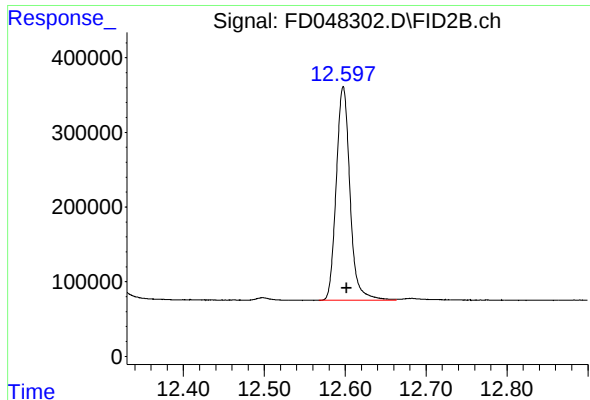
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 3608491
Conc: 21.03 ug/ml



#12 Fluoranthene (C21.85)

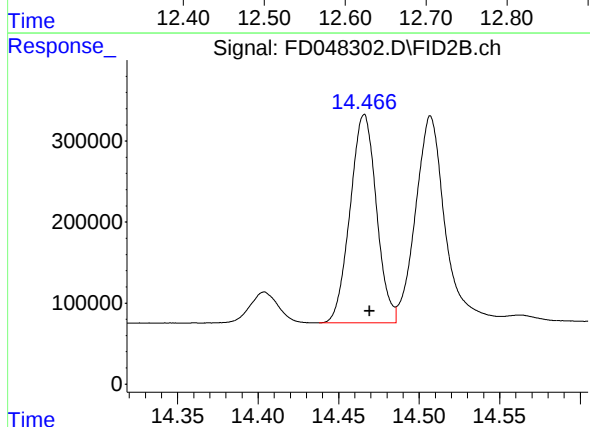
R.T.: 12.304 min
Delta R.T.: -0.004 min
Response: 3373060
Conc: 20.81 ug/ml



#13 Pyrene (C20.8)

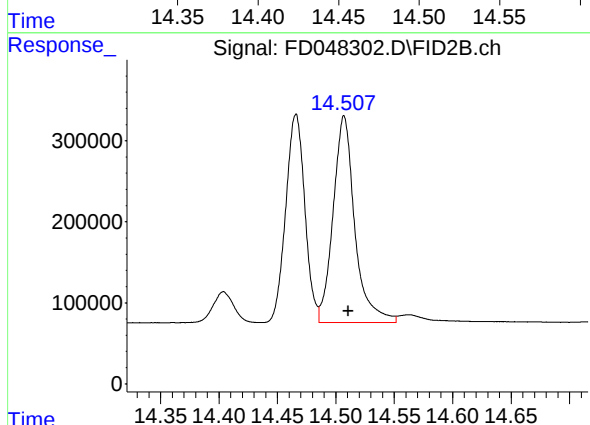
R.T.: 12.598 min
Delta R.T.: -0.004 min
Response: 3385103
Conc: 21.11 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



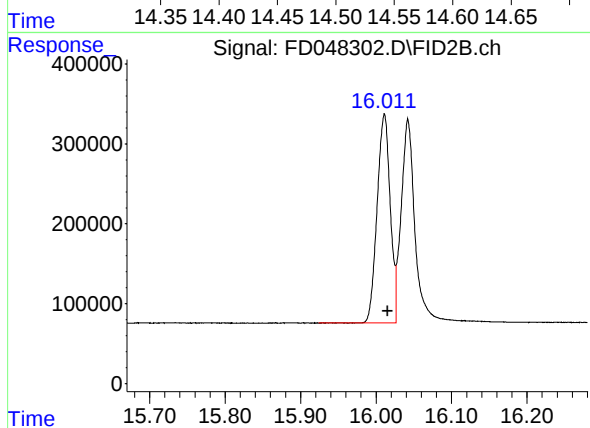
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: -0.003 min
Response: 2926057
Conc: 20.89 ug/ml



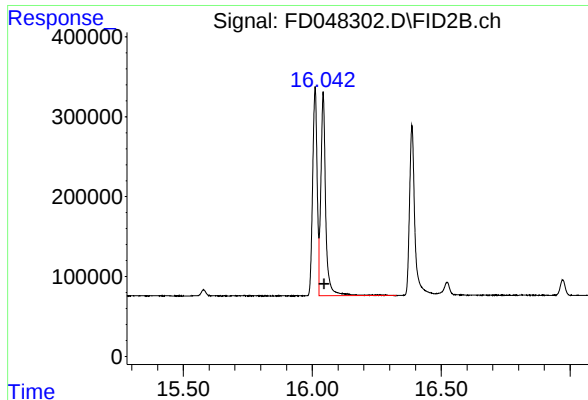
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.003 min
Response: 3297710
Conc: 20.02 ug/ml



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

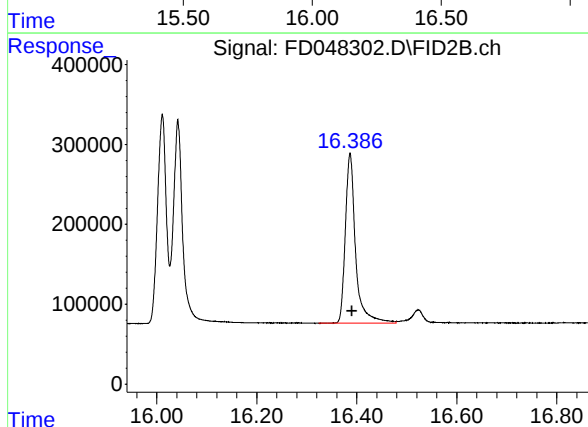
R.T.: 16.011 min
Delta R.T.: -0.005 min
Response: 3151059
Conc: 21.21 ug/ml



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

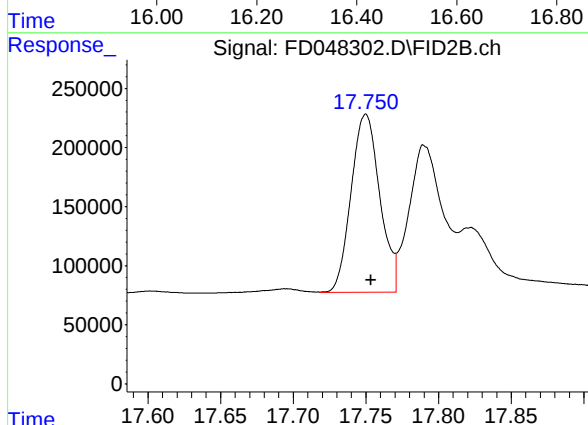
R.T.: 16.042 min
Delta R.T.: -0.004 min
Response: 3361770
Conc: 21.83 ug/ml

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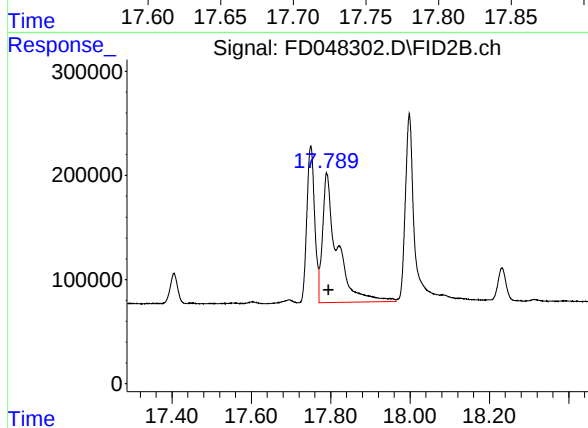
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.004 min
Response: 3029878
Conc: 20.48 ug/ml



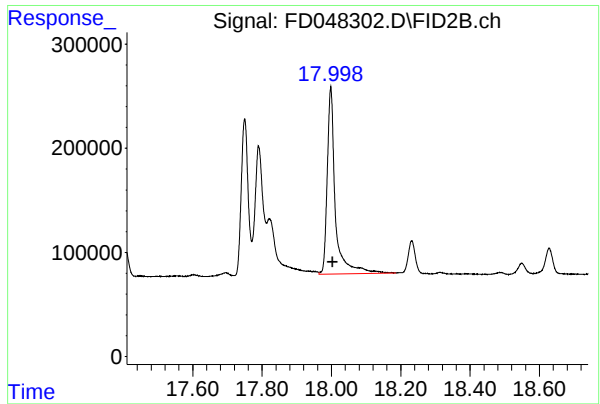
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: -0.003 min
Response: 2072241
Conc: 18.34 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.004 min
Response: 3210680
Conc: 21.04 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.005 min
Response: 2929255
Conc: 19.87 ug/ml

Instrument :

FID_D

ClientSampleId :

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