

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048357.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 14:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 21 02:15:03 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...	7.385	2944868	19.417 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
6) S 2-Fluorobiphenyl (SURR)	8.235	1895492	19.838 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.68%
11) S ortho-Terphenyl (SURR)	11.270	3393184	19.777 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.206	3394796	19.244 ug/ml
2) T Naphthalene (C11.7)	5.725	3478963	19.238 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	3466716	19.377 ug/ml
5) T Acenaphthylene (C15.06)	8.038	3419446	19.572 ug/ml
7) T Acenaphthene (C15.5)	8.332	3460239	19.456 ug/ml
8) T Fluorene (C16.55)	9.110	3275188	19.559 ug/ml
9) T Phenanthrene (C19.36)	10.498	3199401	19.817 ug/ml
10) T Anthracene (C19.43)	10.573	3113916	19.568 ug/ml
12) T Fluoranthene (C21.85)	12.301	3235365	19.957 ug/ml
13) T Pyrene (C20.8)	12.594	3195181	19.928 ug/ml
14) T Benzo[a]anthracene (C...	14.464	2870421	20.492 ug/ml
15) T Chrysene (C27.41)	14.505	3216775	19.529 ug/ml
16) T benzo[b]fluoranthene ...	16.010	3027548	20.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	2951055	19.161 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	3002182	20.291 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	2345200	20.755 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	3011813	19.735 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	2979037	20.210 ug/ml

(f)=RT Delta > 1/2 Window

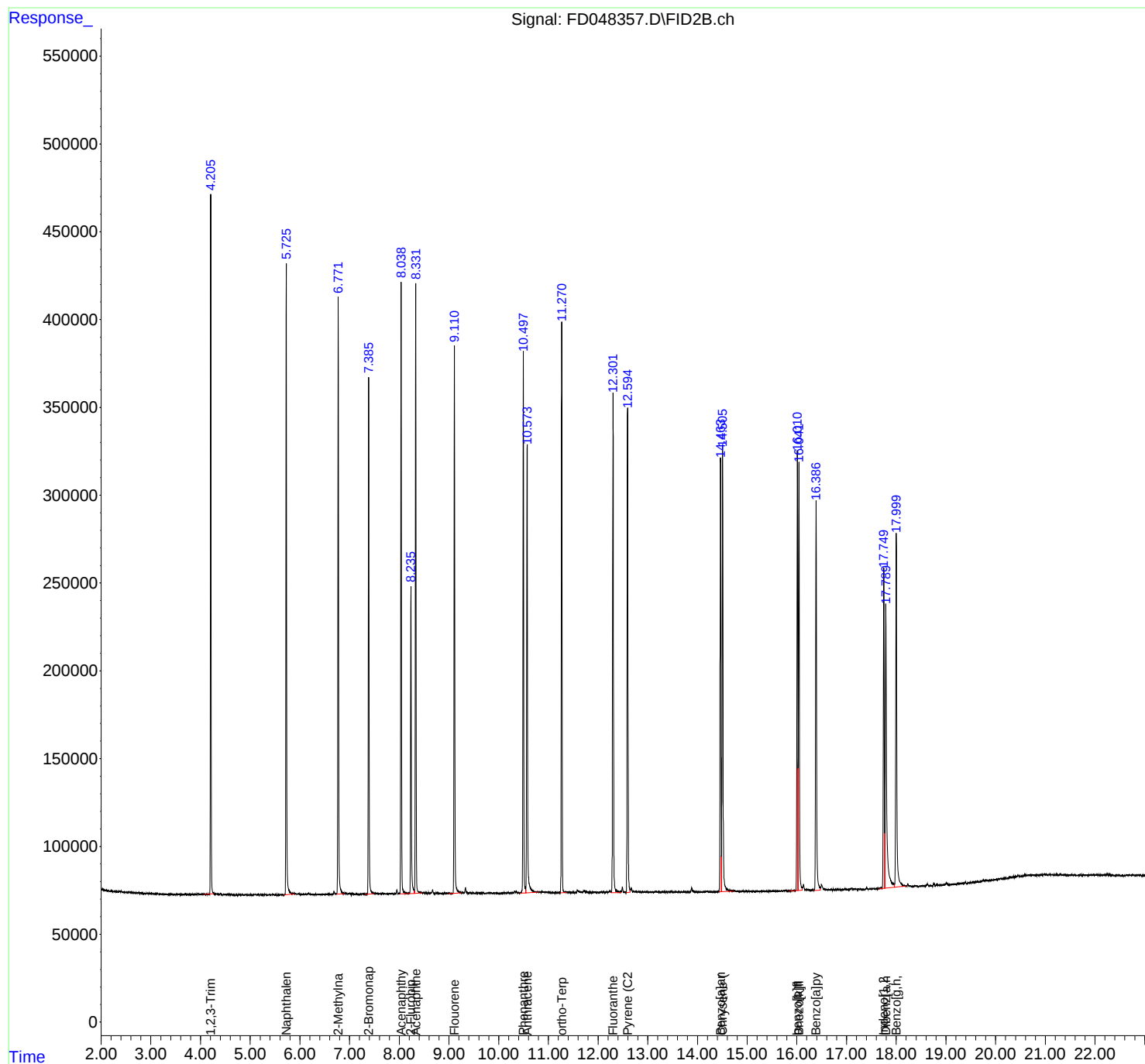
(m)=manual int.

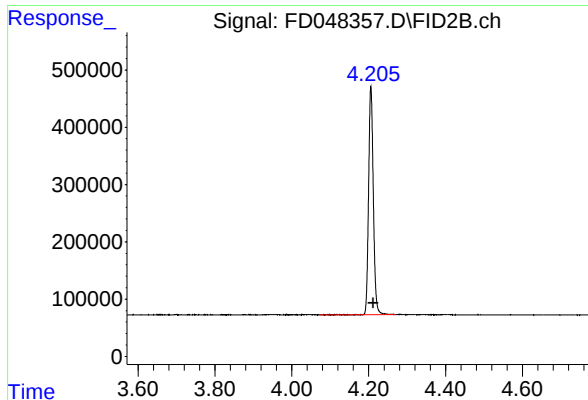
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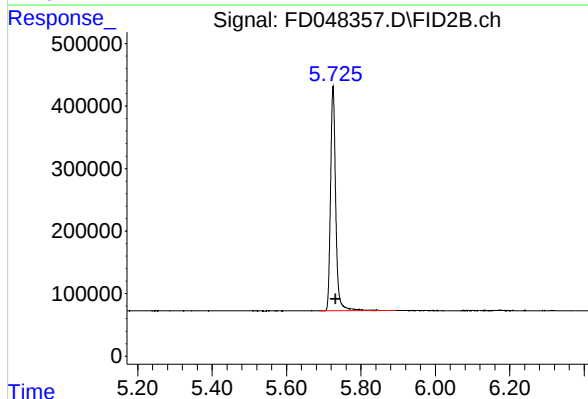




#1 1,2,3-Trimethylbenzene (C10.1)

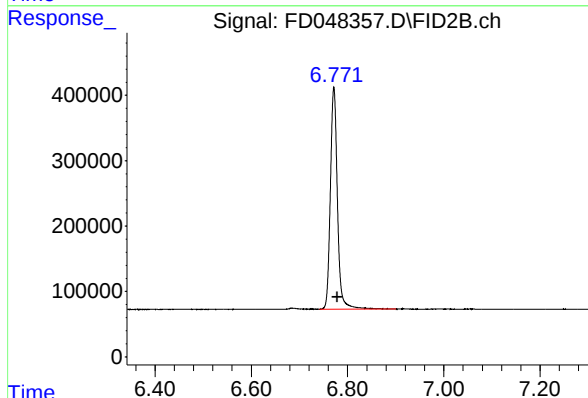
R.T.: 4.206 min
Delta R.T.: -0.006 min
Response: 3394796
Conc: 19.24 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



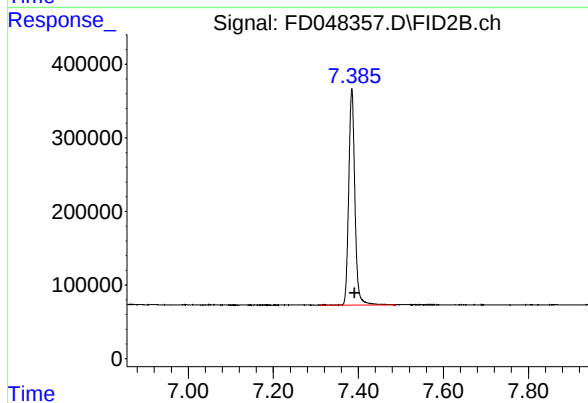
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 3478963
Conc: 19.24 ug/ml



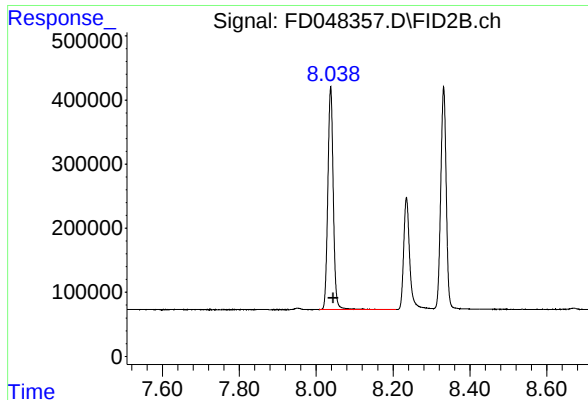
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: -0.007 min
Response: 3466716
Conc: 19.38 ug/ml



#4 2-Bromonaphthalene (SURR)

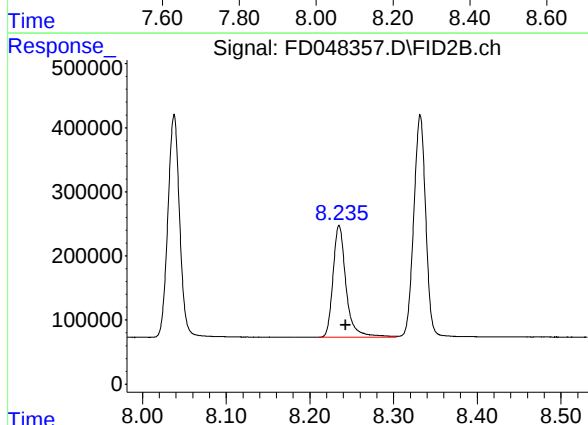
R.T.: 7.385 min
Delta R.T.: -0.007 min
Response: 2944868
Conc: 19.42 ug/ml



#5 Acenaphthylene (C15.06)

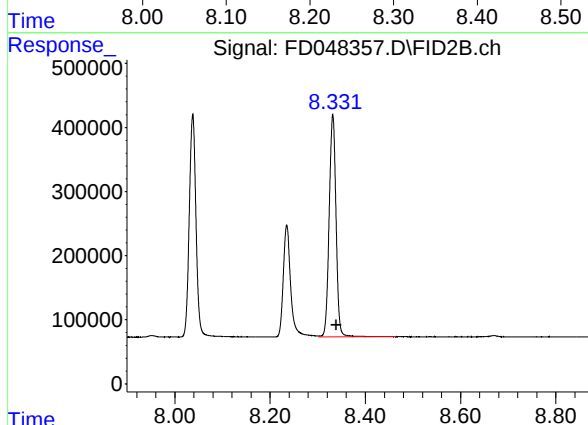
R.T.: 8.038 min
Delta R.T.: -0.007 min
Response: 3419446
Conc: 19.57 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



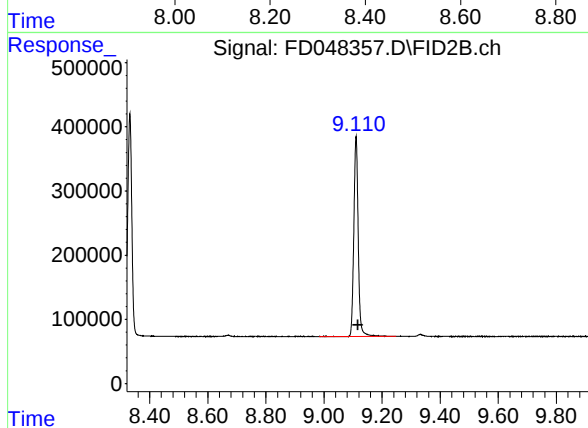
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.235 min
Delta R.T.: -0.008 min
Response: 1895492
Conc: 19.84 ug/ml



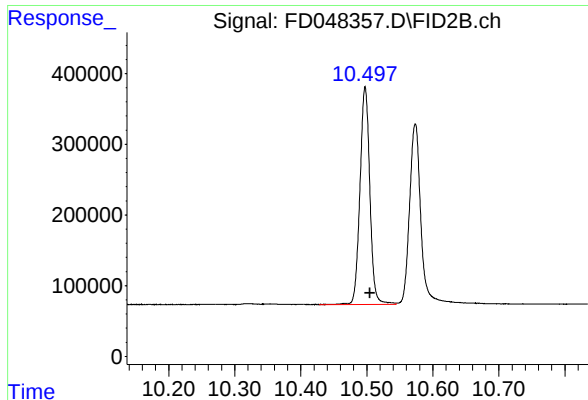
#7 Acenaphthene (C15.5)

R.T.: 8.332 min
Delta R.T.: -0.007 min
Response: 3460239
Conc: 19.46 ug/ml



#8 Flouorene (C16.55)

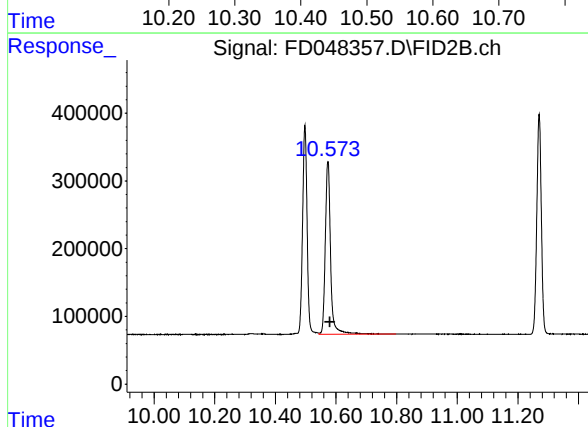
R.T.: 9.110 min
Delta R.T.: -0.007 min
Response: 3275188
Conc: 19.56 ug/ml



#9 Phenanthrene (C19.36)

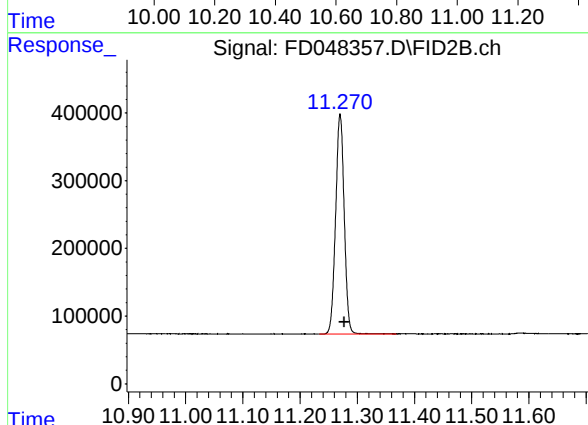
R.T.: 10.498 min
Delta R.T.: -0.007 min
Response: 3199401
Conc: 19.82 ug/ml

Instrument :
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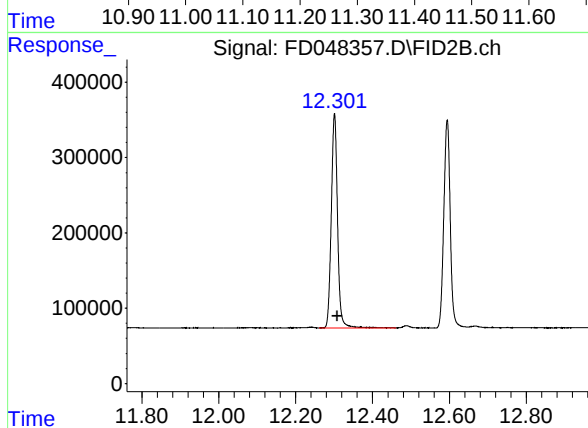
#10 Anthracene (C19.43)

R.T.: 10.573 min
Delta R.T.: -0.007 min
Response: 3113916
Conc: 19.57 ug/ml



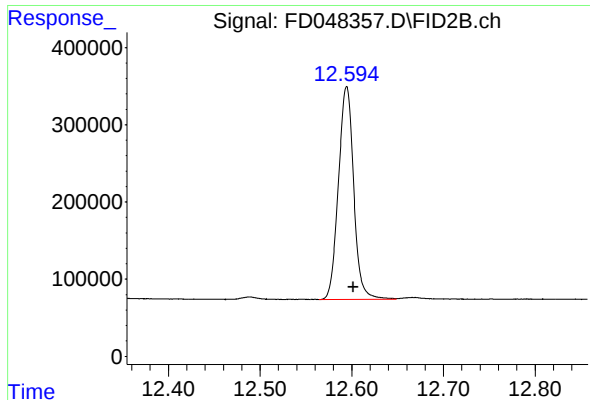
#11 ortho-Terphenyl (SURRE)

R.T.: 11.270 min
Delta R.T.: -0.007 min
Response: 3393184
Conc: 19.78 ug/ml



#12 Fluoranthene (C21.85)

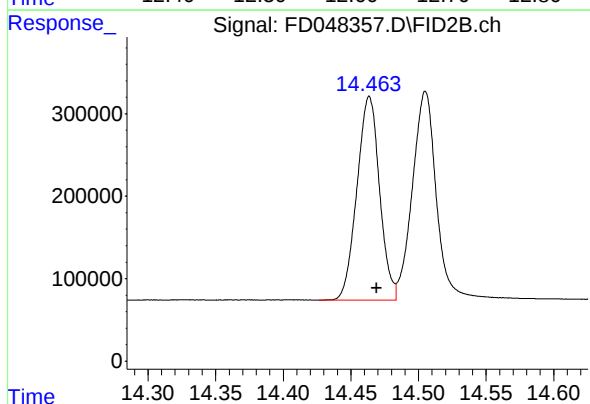
R.T.: 12.301 min
Delta R.T.: -0.008 min
Response: 3235365
Conc: 19.96 ug/ml



#13 Pyrene (C20.8)

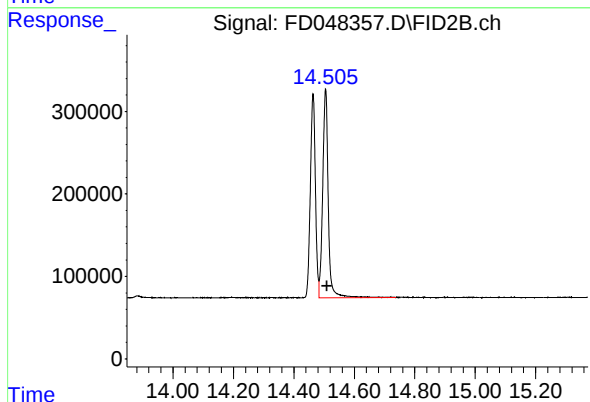
R.T.: 12.594 min
Delta R.T.: -0.007 min
Response: 3195181
Conc: 19.93 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



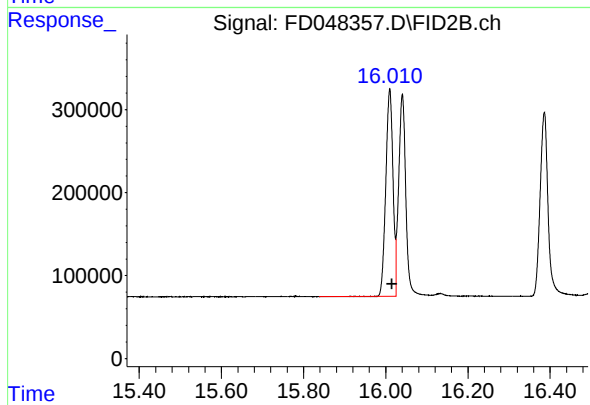
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: -0.006 min
Response: 2870421
Conc: 20.49 ug/ml



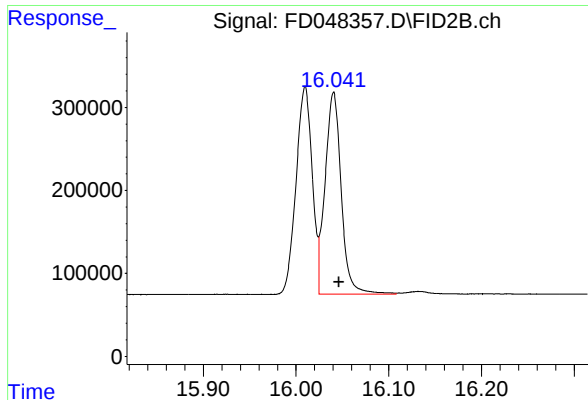
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: -0.006 min
Response: 3216775
Conc: 19.53 ug/ml



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

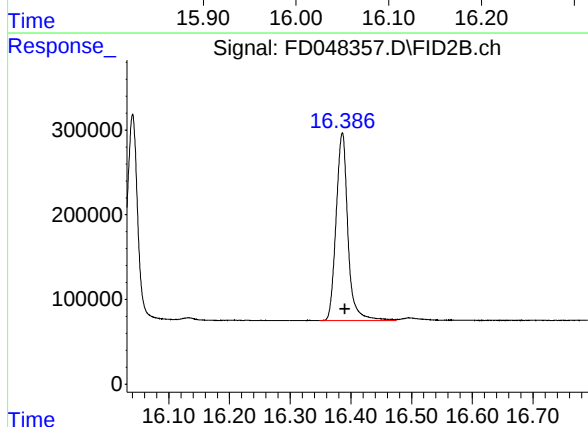
R.T.: 16.010 min
Delta R.T.: -0.006 min
Response: 3027548
Conc: 20.38 ug/ml



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

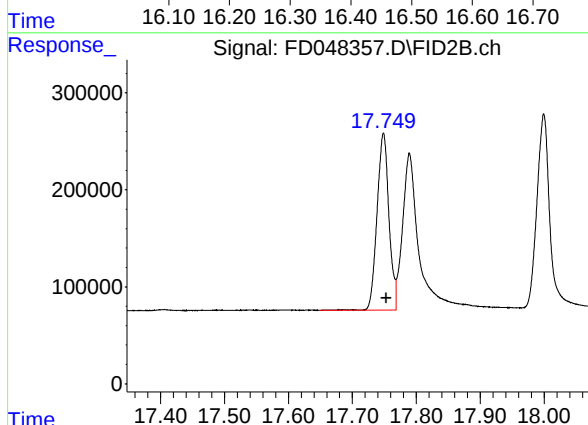
R.T.: 16.040 min
Delta R.T.: -0.006 min
Response: 2951055
Conc: 19.16 ug/ml

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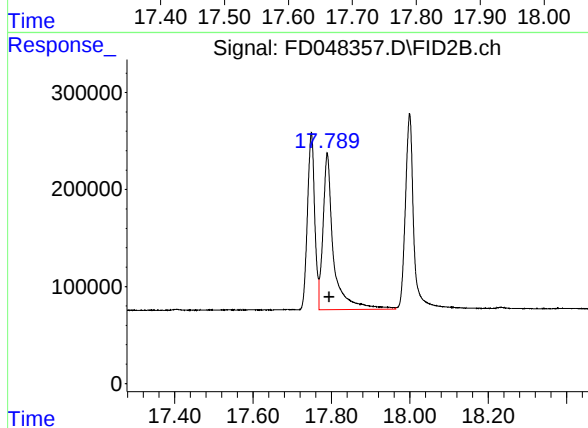
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.005 min
Response: 3002182
Conc: 20.29 ug/ml



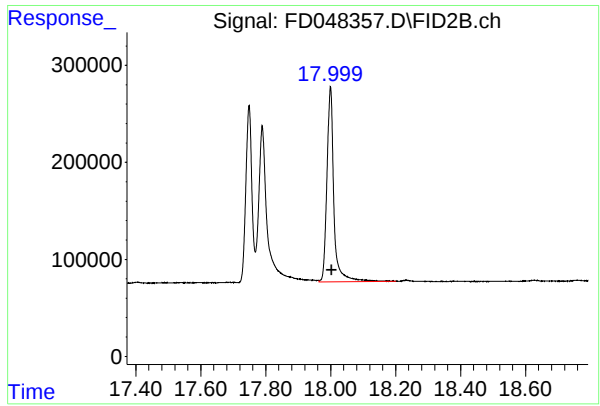
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.005 min
Response: 2345200
Conc: 20.76 ug/ml



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

R.T.: 17.789 min
Delta R.T.: -0.005 min
Response: 3011813
Conc: 19.74 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.004 min
Response: 2979037
Conc: 20.21 ug/ml

Instrument :

FID_D

ClientSampleId :

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