

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048515.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 07:27
 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 15 08:00:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.375	3256809	19.671 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
6) S 2-Fluorobiphenyl (SURR)	8.225	2149435	20.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.45%
11) S ortho-Terphenyl (SURR)	11.261	3638674	19.776 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	3683961	21.020 ug/ml
2) T Naphthalene (C11.7)	5.716	3819476	20.456 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	3841980	20.329 ug/ml
5) T Acenaphthylene (C15.06)	8.028	3771085	19.657 ug/ml
7) T Acenaphthene (C15.5)	8.323	3780731	19.987 ug/ml
8) T Fluorene (C16.55)	9.101	3664023	20.280 ug/ml
9) T Phenanthrene (C19.36)	10.488	3581026	20.206 ug/ml
10) T Anthracene (C19.43)	10.564	3414263	19.188 ug/ml
12) T Fluoranthene (C21.85)	12.292	3524045	19.483 ug/ml
13) T Pyrene (C20.8)	12.586	3466399	19.358 ug/ml
14) T Benzo[a]anthracene (C...	14.454	3205019	20.055 ug/ml
15) T Chrysene (C27.41)	14.496	3335907	17.884 ug/ml
16) T benzo[b]fluoranthene ...	16.001	3295929	19.790 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	3179294	18.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	3251934	19.896 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	2899234	22.041 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	3401002	20.325 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	3192182	19.653 ug/ml

(f)=RT Delta > 1/2 Window

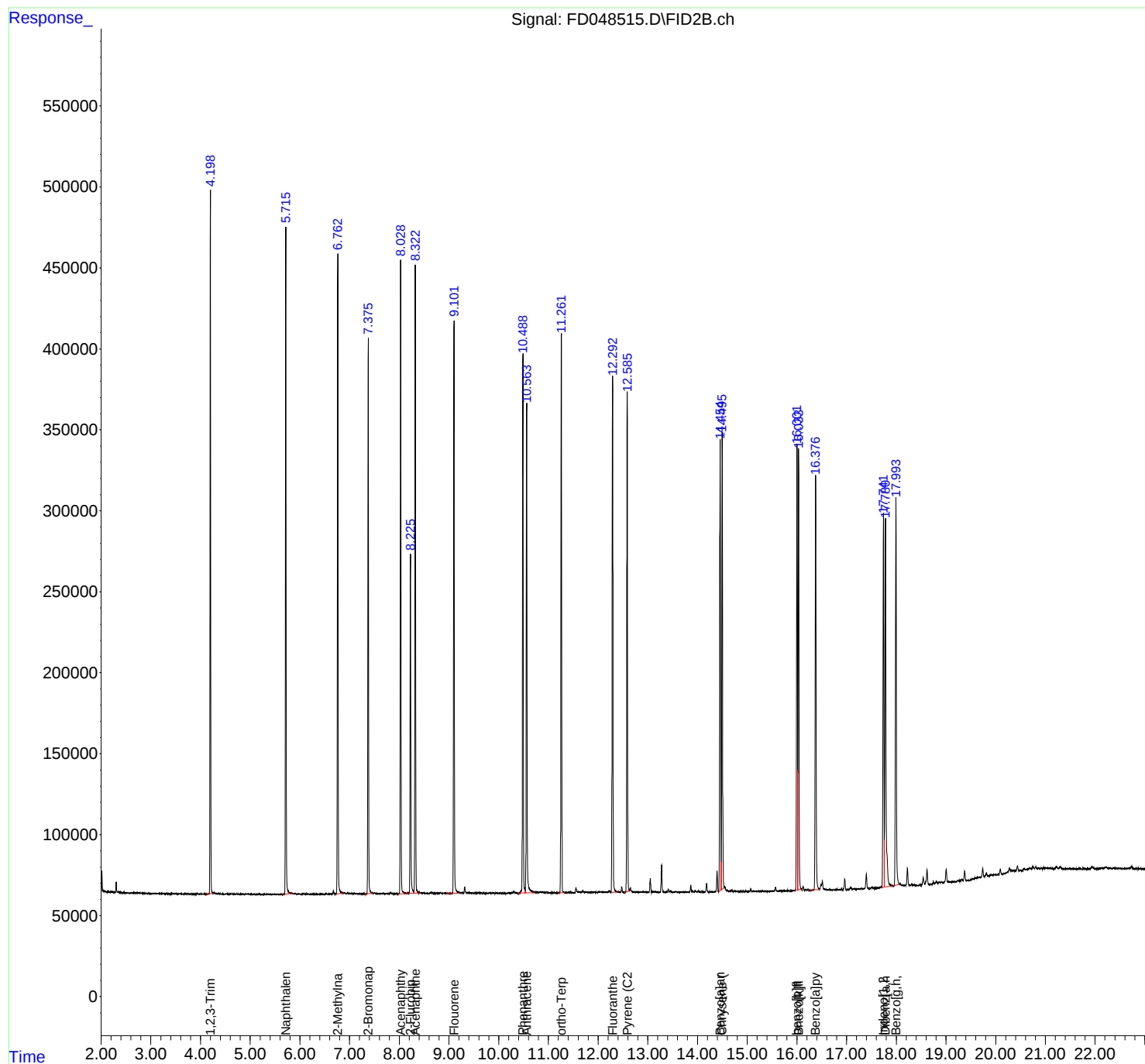
(m)=manual int.

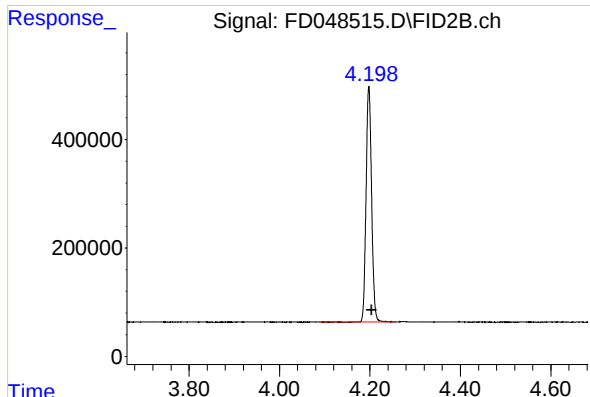
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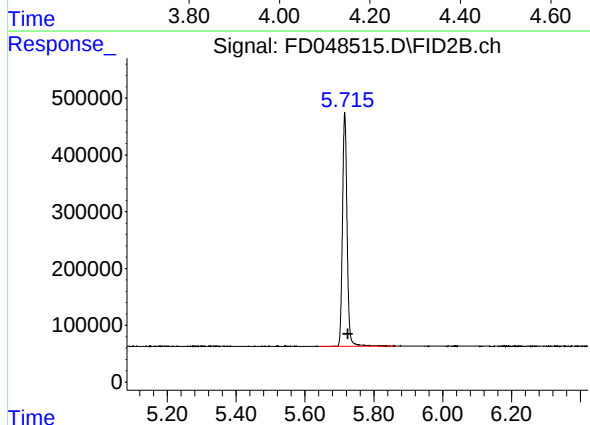




#1 1,2,3-Trimethylbenzene (C10.1)

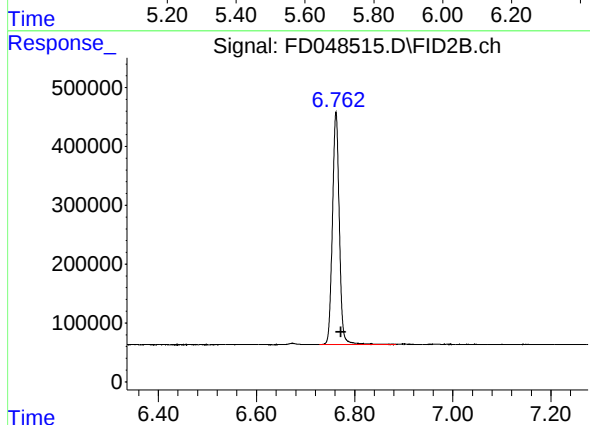
R.T.: 4.198 min
Delta R.T.: -0.006 min
Response: 3683961
Conc: 21.02 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



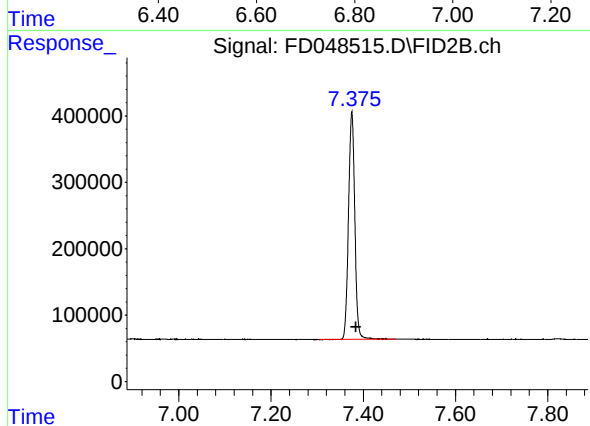
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.009 min
Response: 3819476
Conc: 20.46 ug/ml



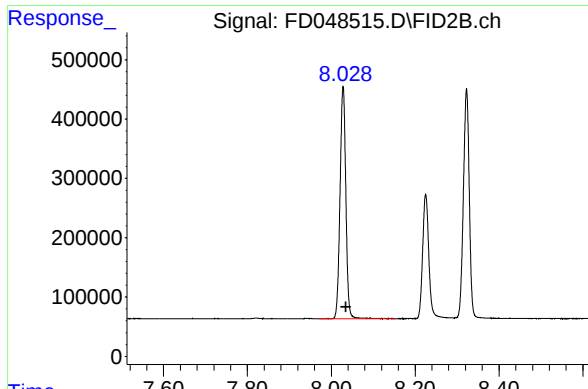
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 3841980
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

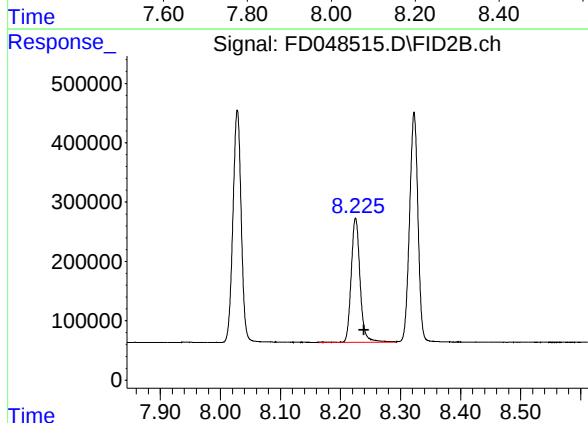
R.T.: 7.375 min
Delta R.T.: -0.009 min
Response: 3256809
Conc: 19.67 ug/ml



#5 Acenaphthylene (C15.06)

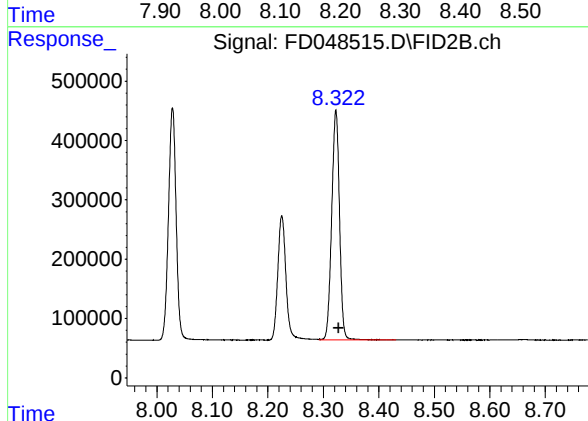
R.T.: 8.028 min
Delta R.T.: -0.007 min
Response: 3771085
Conc: 19.66 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



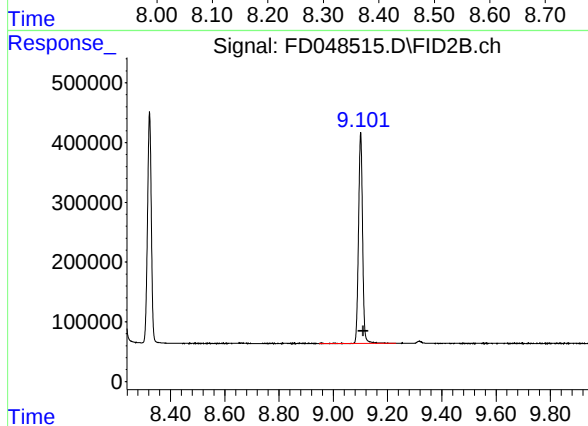
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.014 min
Response: 2149435
Conc: 20.73 ug/ml



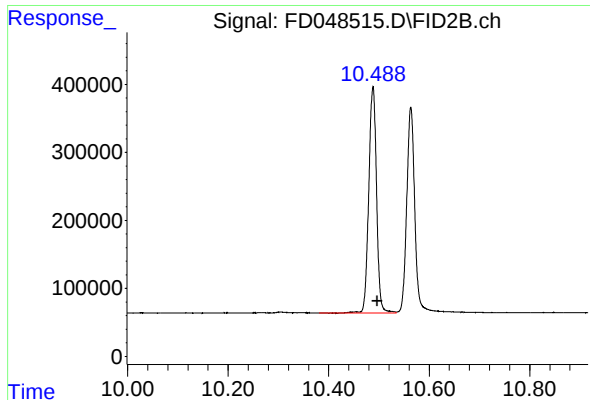
#7 Acenaphthene (C15.5)

R.T.: 8.323 min
Delta R.T.: -0.005 min
Response: 3780731
Conc: 19.99 ug/ml



#8 Flouorene (C16.55)

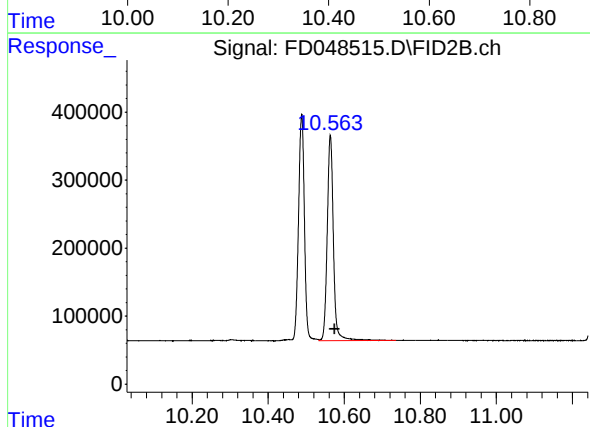
R.T.: 9.101 min
Delta R.T.: -0.010 min
Response: 3664023
Conc: 20.28 ug/ml



#9 Phenanthrene (C19.36)

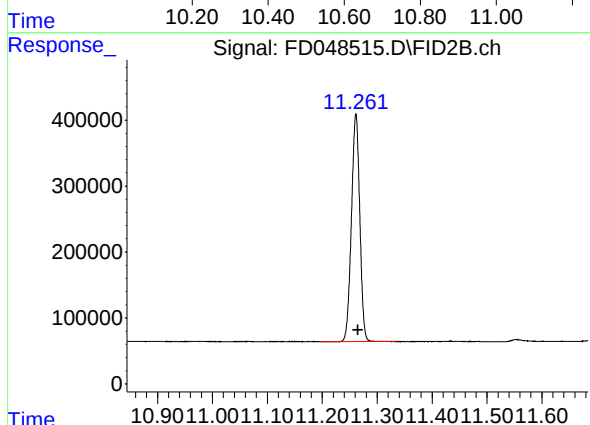
R.T.: 10.488 min
Delta R.T.: -0.009 min
Response: 3581026
Conc: 20.21 ug/ml

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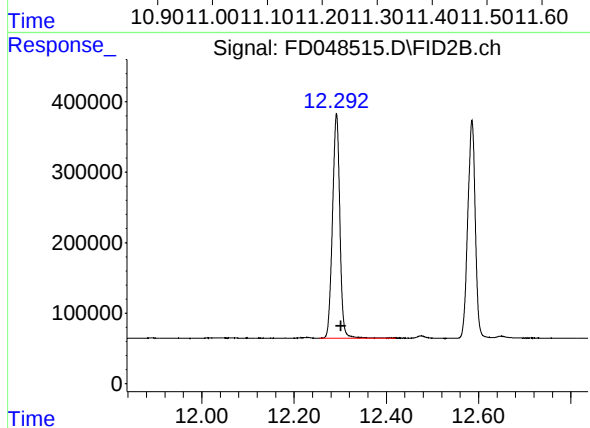
#10 Anthracene (C19.43)

R.T.: 10.564 min
Delta R.T.: -0.012 min
Response: 3414263
Conc: 19.19 ug/ml



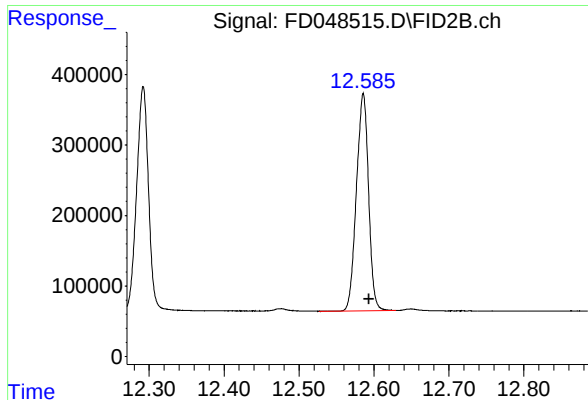
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: -0.004 min
Response: 3638674
Conc: 19.78 ug/ml



#12 Fluoranthene (C21.85)

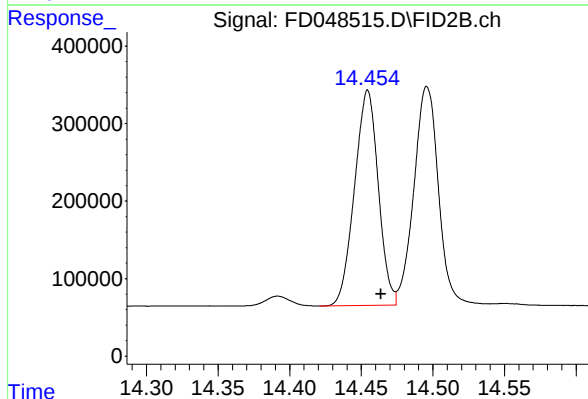
R.T.: 12.292 min
Delta R.T.: -0.010 min
Response: 3524045
Conc: 19.48 ug/ml



#13 Pyrene (C20.8)

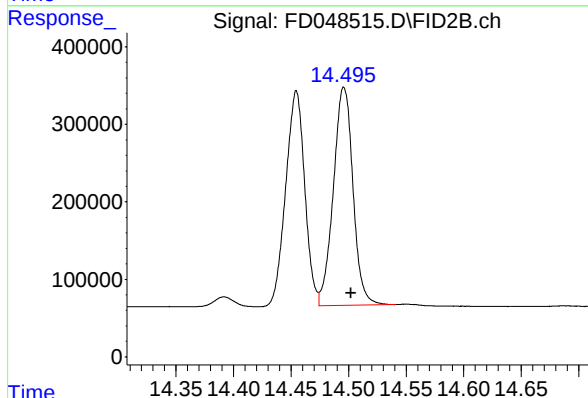
R.T.: 12.586 min
Delta R.T.: -0.008 min
Response: 3466399
Conc: 19.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



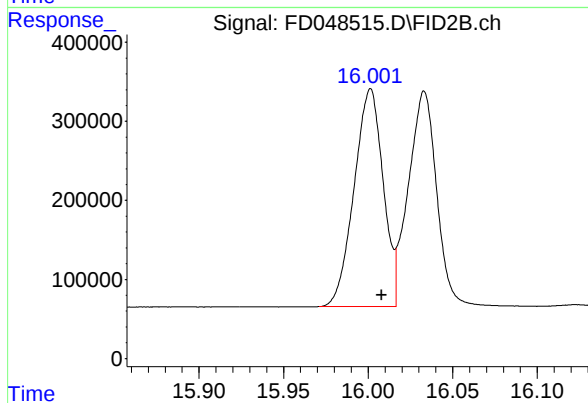
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.454 min
Delta R.T.: -0.009 min
Response: 3205019
Conc: 20.05 ug/ml



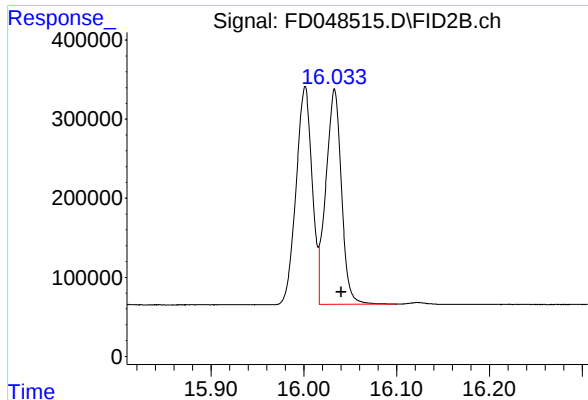
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: -0.006 min
Response: 3335907
Conc: 17.88 ug/ml



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

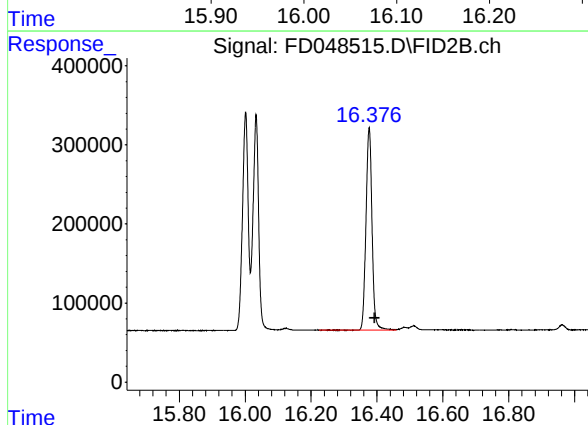
R.T.: 16.001 min
Delta R.T.: -0.007 min
Response: 3295929
Conc: 19.79 ug/ml



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

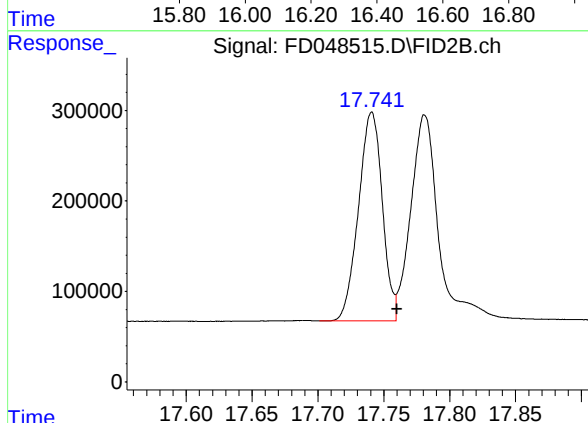
R.T.: 16.033 min
Delta R.T.: -0.007 min
Response: 3179294
Conc: 18.73 ug/ml

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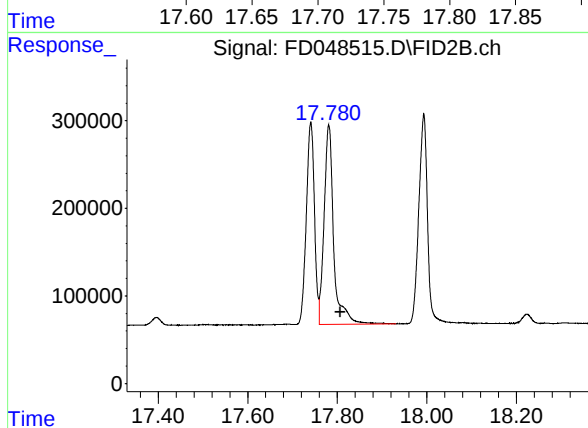
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: -0.017 min
Response: 3251934
Conc: 19.90 ug/ml



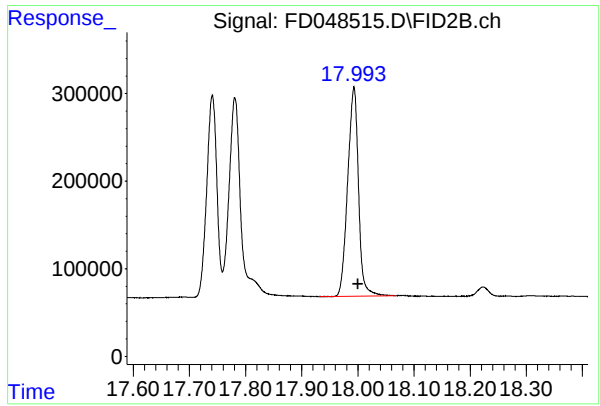
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: -0.019 min
Response: 2899234
Conc: 22.04 ug/ml



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

R.T.: 17.781 min
Delta R.T.: -0.025 min
Response: 3401002
Conc: 20.32 ug/ml



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

R.T.: 17.993 min
Delta R.T.: -0.008 min
Response: 3192182
Conc: 19.65 ug/ml

Instrument :

FID_D

ClientSampleId :

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