

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048463.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 22:44
 Operator : YP/AJ
 Sample : PB164054BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164054BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 04:58:51 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...	7.379	8378840	50.607 ug/ml
Spiked Amount 50.000		Recovery =	101.21%
6) S 2-Fluorobiphenyl (SURR)	8.229	5106679	49.243 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.49%
11) S ortho-Terphenyl (SURR)	11.265	7452371	40.503 ug/ml
Spiked Amount 50.000		Recovery =	81.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	5739792	32.751 ug/ml
2) T Naphthalene (C11.7)	5.719	6729568	36.042 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	6680058	35.346 ug/ml
5) T Acenaphthylene (C15.06)	8.032	7121798	37.123 ug/ml
7) T Acenaphthene (C15.5)	8.327	7439665	39.331 ug/ml
8) T Fluorene (C16.55)	9.105	7374005	40.814 ug/ml
9) T Phenanthrene (C19.36)	10.493	7289928	41.133 ug/ml
10) T Anthracene (C19.43)	10.568	7434995	41.783 ug/ml
12) T Fluoranthene (C21.85)	12.297	7358324	40.682 ug/mlm
13) T Pyrene (C20.8)	12.591	7766872	43.374 ug/ml
14) T Benzo[a]anthracene (C...	14.460	6949322	43.484 ug/ml
15) T Chrysene (C27.41)	14.503	6981824	37.431 ug/ml
16) T benzo[b]fluoranthene ...	16.008	6830078	41.011 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	6865334	40.444 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	6559635	40.134 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	6594316	50.132 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	6514510	38.931 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	6240587	38.421 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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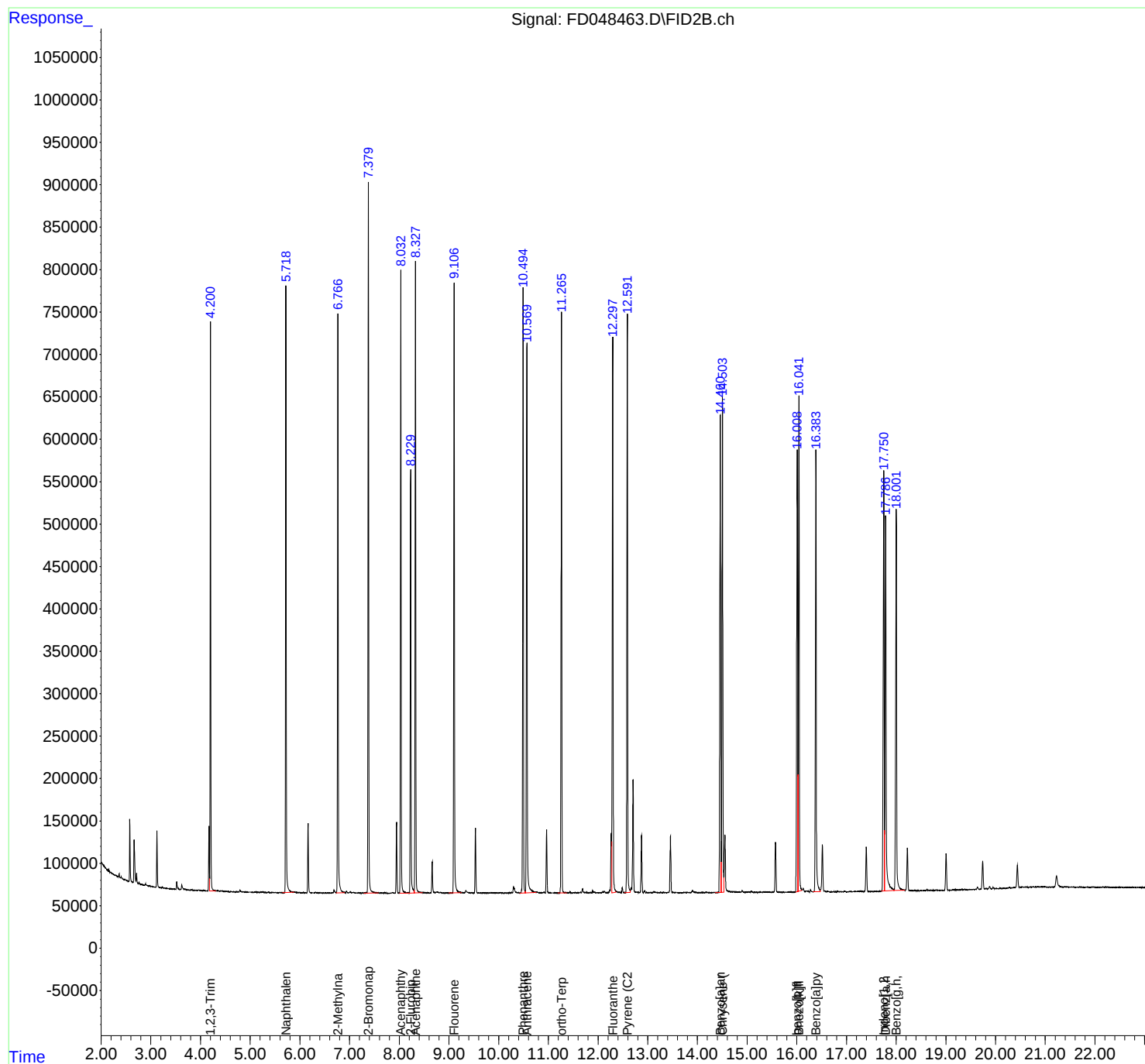
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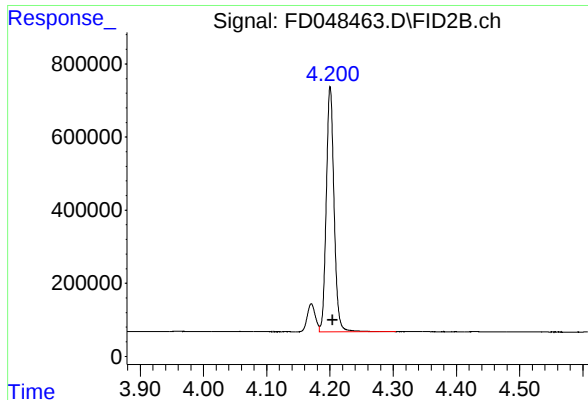
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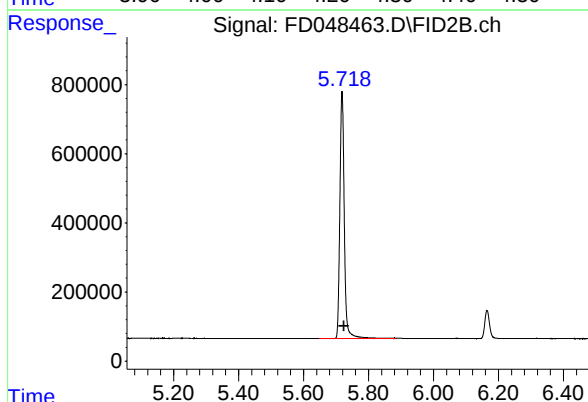
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 5739792
Conc: 32.75 ug/ml

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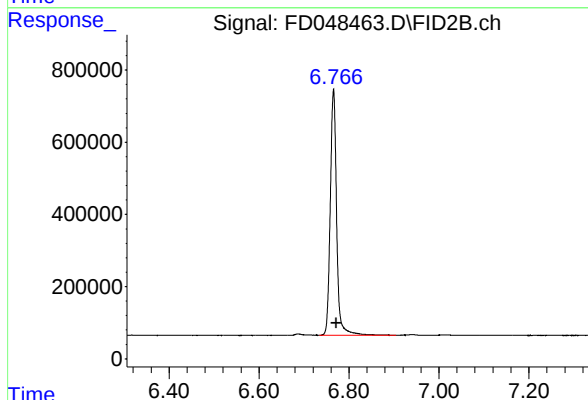
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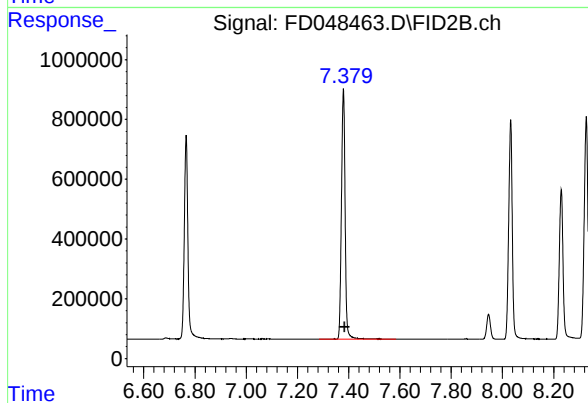
#2 Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: -0.006 min
Response: 6729568
Conc: 36.04 ug/ml



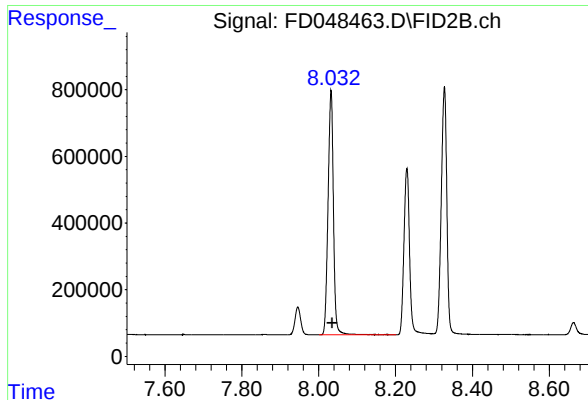
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 6680058
Conc: 35.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.379 min
Delta R.T.: -0.005 min
Response: 8378840
Conc: 50.61 ug/ml



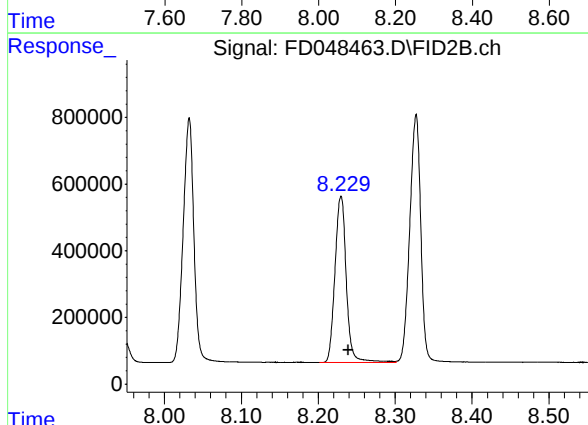
#5 Acenaphthylene (C15.06)

R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 7121798
Conc: 37.12 ug/ml

Instrument :
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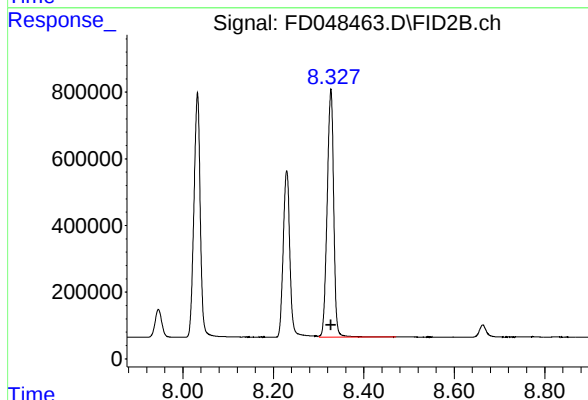
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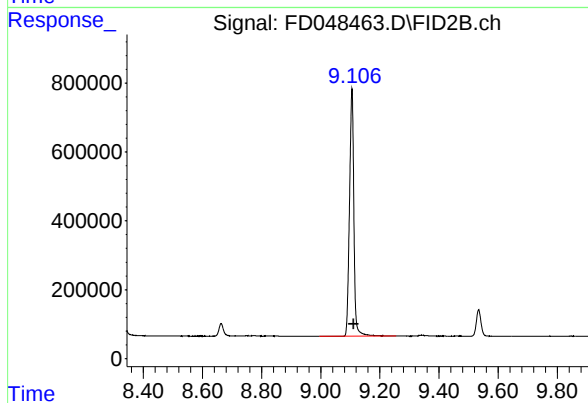
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: -0.009 min
Response: 5106679
Conc: 49.24 ug/ml



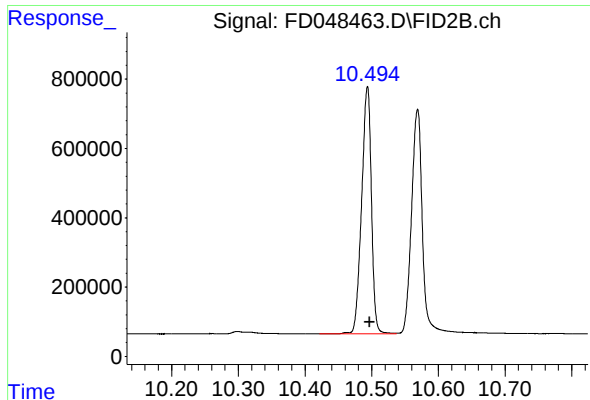
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 7439665
Conc: 39.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.105 min
Delta R.T.: -0.006 min
Response: 7374005
Conc: 40.81 ug/ml



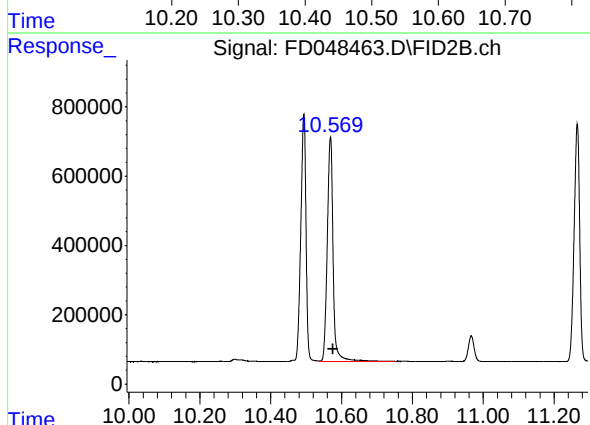
#9 Phenanthrene (C19.36)

R.T.: 10.493 min
Delta R.T.: -0.004 min
Response: 7289928
Conc: 41.13 ug/ml

Instrument :
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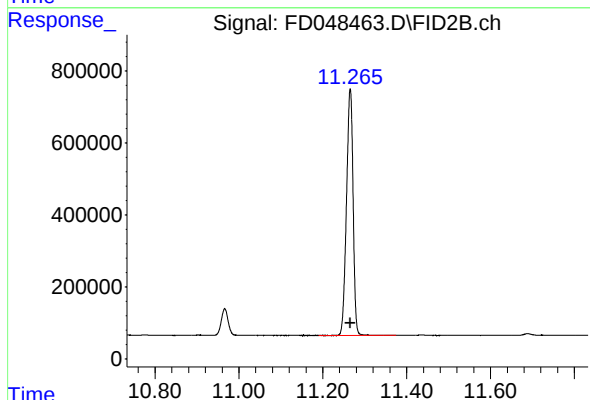
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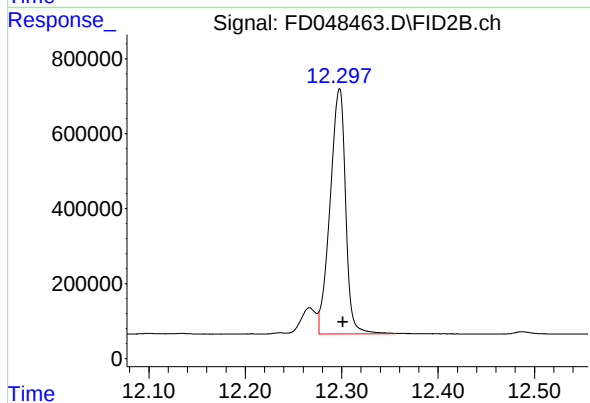
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.007 min
Response: 7434995
Conc: 41.78 ug/ml



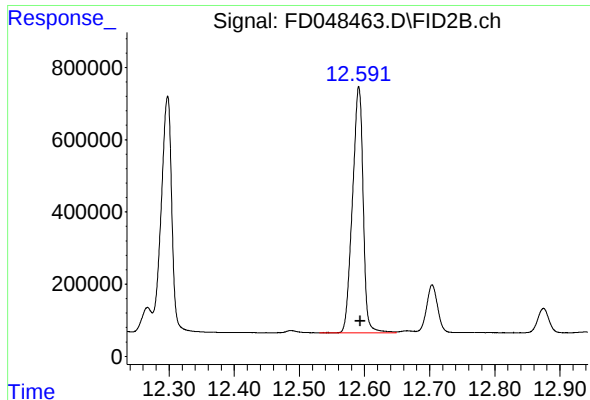
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7452371
Conc: 40.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.297 min
Delta R.T.: -0.004 min
Response: 7358324
Conc: 40.68 ug/ml m



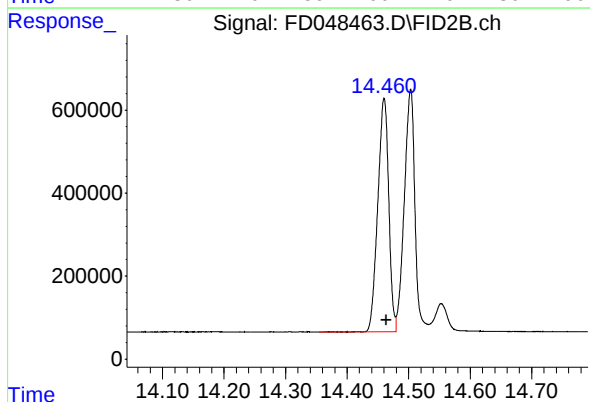
#13 Pyrene (C20.8)

R.T.: 12.591 min
Delta R.T.: -0.002 min
Response: 7766872
Conc: 43.37 ug/ml

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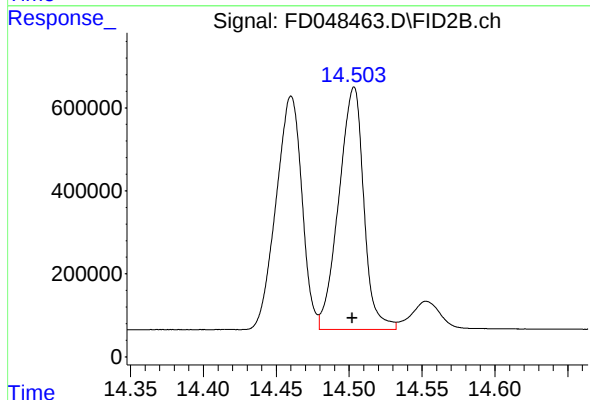
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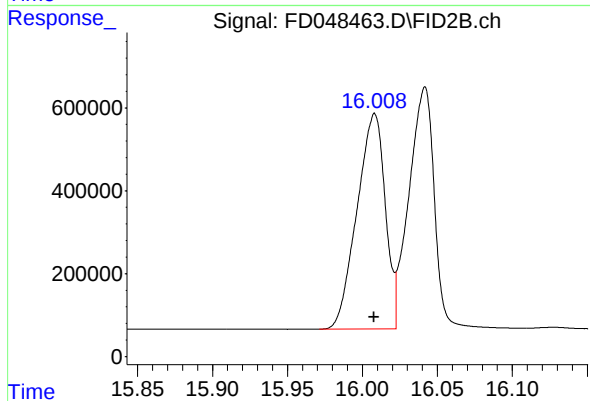
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: -0.004 min
Response: 6949322
Conc: 43.48 ug/ml



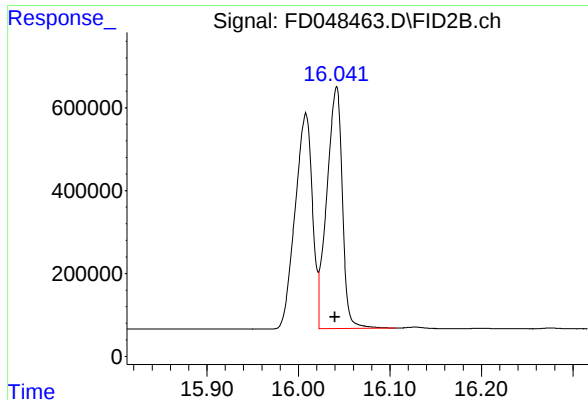
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: 0.000 min
Response: 6981824
Conc: 37.43 ug/ml



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

R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 6830078
Conc: 41.01 ug/ml



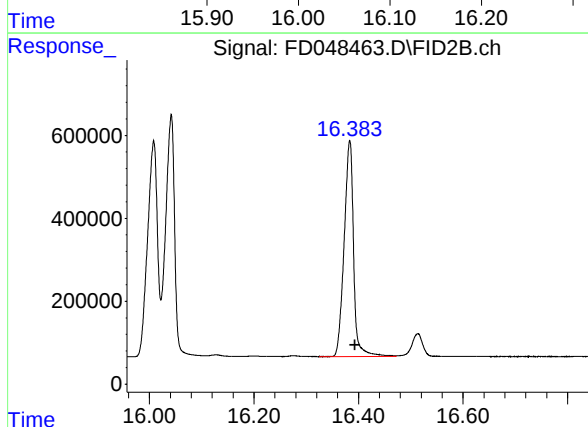
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: 0.000 min
Response: 6865334
Conc: 40.44 ug/ml

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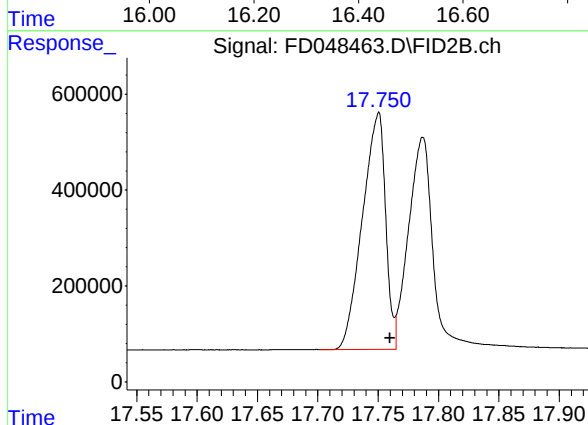
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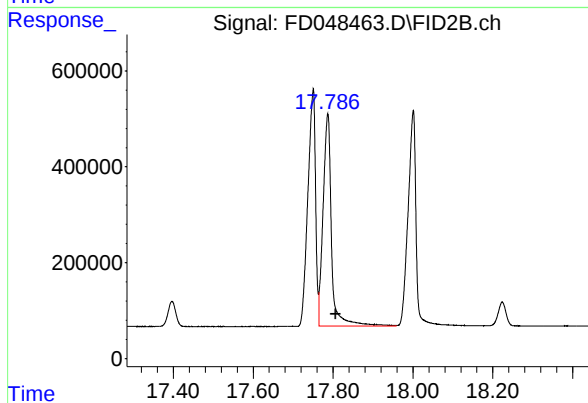
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: -0.010 min
Response: 6559635
Conc: 40.13 ug/ml



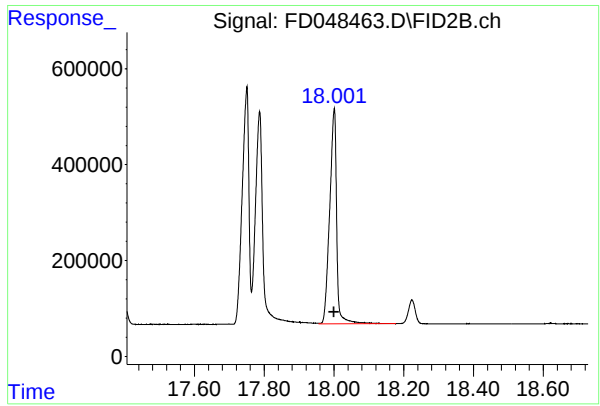
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.011 min
Response: 6594316
Conc: 50.13 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.020 min
Response: 6514510
Conc: 38.93 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.000 min
Response: 6240587
Conc: 38.42 ug/ml

Instrument :

FID_D

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