

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100224AR\
 Data File : FD048411.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 17:32
 Operator : YP/AJ
 Sample : PB163837BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163837BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2024
 Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e
 Quant Time: Oct 03 03:40:45 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...	7.381	7485382	45.210 ug/ml
Spiked Amount 50.000		Recovery =	90.42%
6) S 2-Fluorobiphenyl (SURR)	8.231	4904950	47.297 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.59%
11) S ortho-Terphenyl (SURR)	11.268	6948662	37.765 ug/ml
Spiked Amount 50.000		Recovery =	75.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.203	6479913	36.974 ug/ml
2) T Naphthalene (C11.7)	5.721	7295723	39.075 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	6851970	36.256 ug/ml
5) T Acenaphthylene (C15.06)	8.034	7356989	38.349 ug/ml
7) T Acenaphthene (C15.5)	8.330	7947995	42.018 ug/ml
8) T Flouorene (C16.55)	9.108	8004873	44.306 ug/ml
9) T Phenanthrene (C19.36)	10.496	8239068	46.488 ug/ml
10) T Anthracene (C19.43)	10.572	8404902	47.234 ug/ml
12) T Fluoranthene (C21.85)	12.301	8645487	47.799 ug/mlm
13) T Pyrene (C20.8)	12.596	9205508	51.408 ug/ml
14) T Benzo[a]anthracene (C...	14.465	8178302	51.174 ug/ml
15) T Chrysene (C27.41)	14.508	8223425	44.087 ug/ml
16) T benzo[b]fluoranthene ...	16.012	8117505	48.742 ug/ml
17) T Bnezo[k]fluoranthene ...	16.047	8086232	47.637 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	7750338	47.419 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	7866456	59.803 ug/ml
20) T Dibenz[a,h]anthracene...	17.792	7548166	45.108 ug/ml
21) T Benzo[g,h,i]perylene ...	18.006	7313890	45.029 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Mon Sep 30 14:17:34 2024

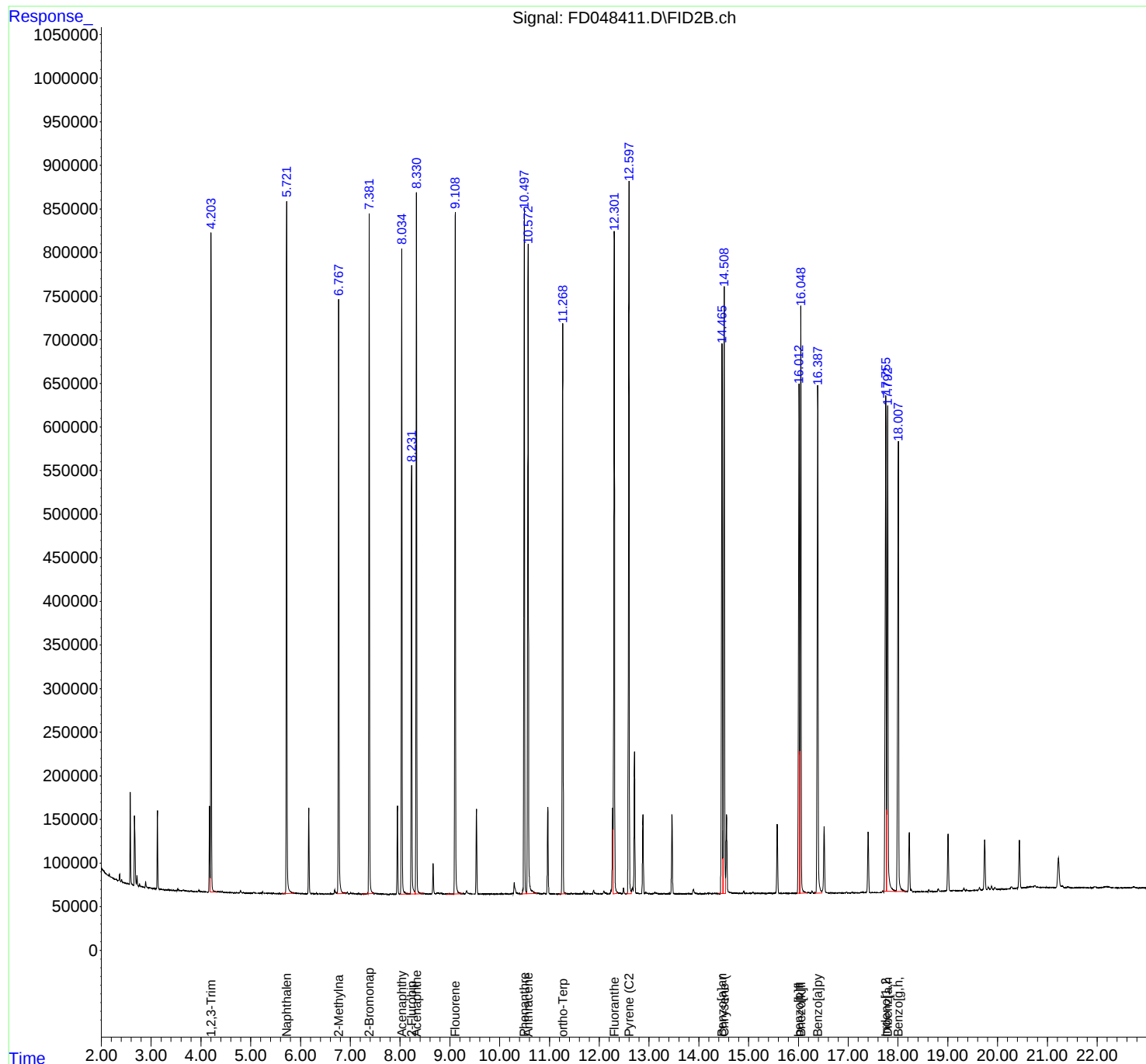
Response via : Initial Calibration

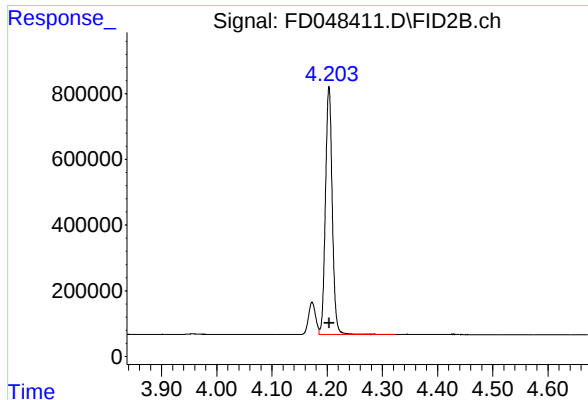
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 6479913
Conc: 36.97 ug/ml

Instrument :

FID_D

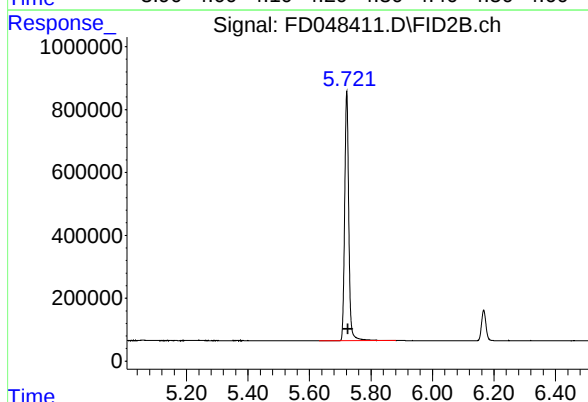
ClientSampleId :

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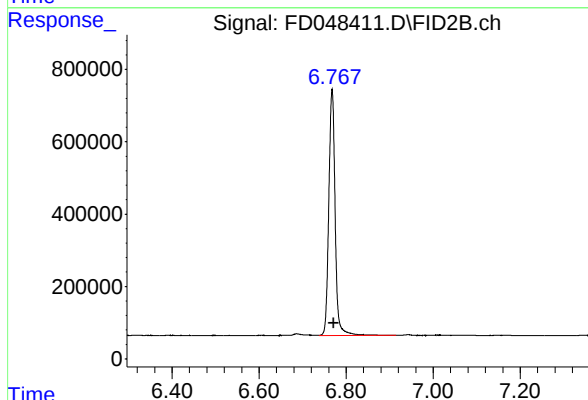
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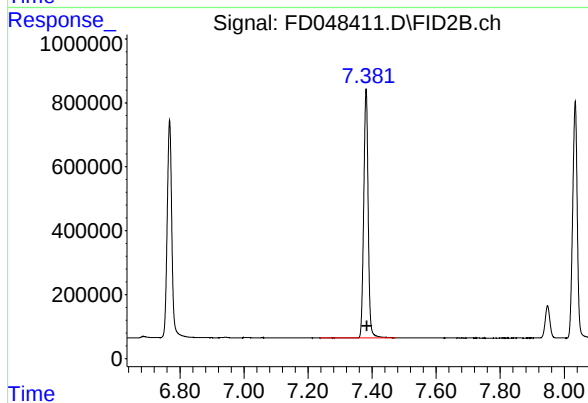
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.003 min
Response: 7295723
Conc: 39.07 ug/ml



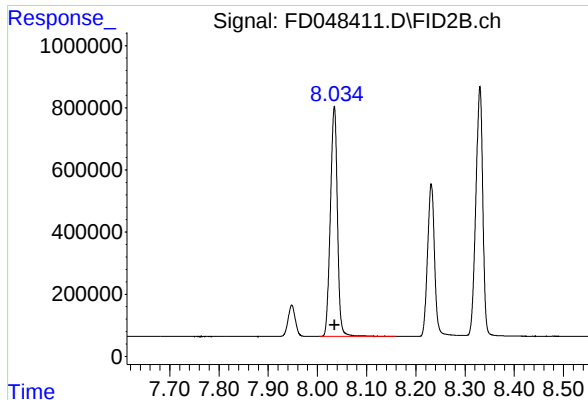
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 6851970
Conc: 36.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 7485382
Conc: 45.21 ug/ml



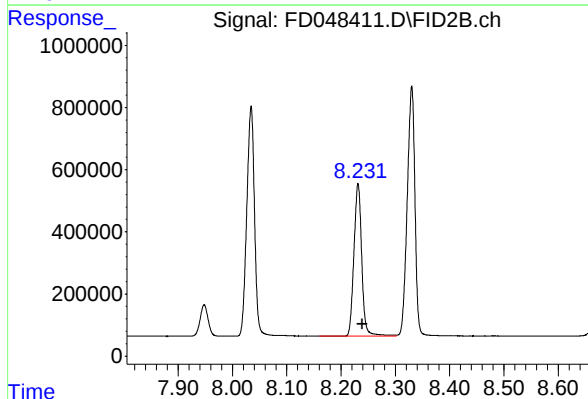
#5 Acenaphthylene (C15.06)

R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 7356989
Conc: 38.35 ug/ml

Instrument :
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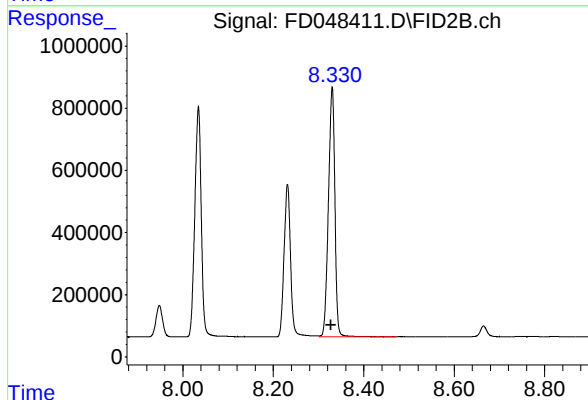
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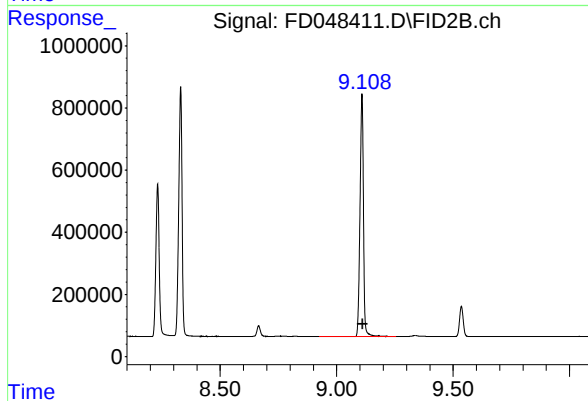
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.008 min
Response: 4904950
Conc: 47.30 ug/ml



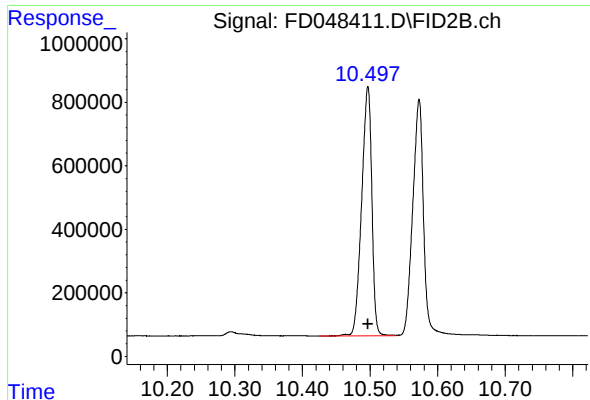
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: 0.002 min
Response: 7947995
Conc: 42.02 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.108 min
Delta R.T.: -0.003 min
Response: 8004873
Conc: 44.31 ug/ml



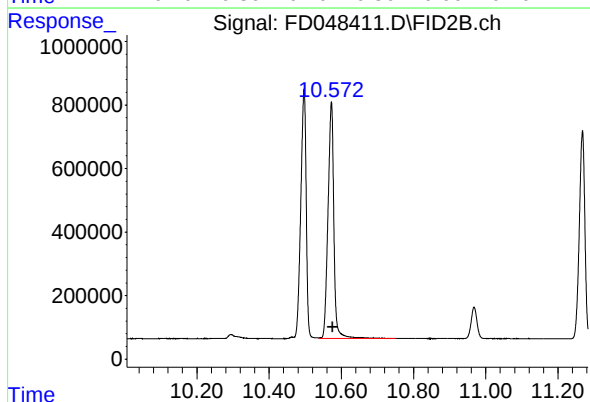
#9 Phenanthrene (C19.36)

R.T.: 10.496 min
Delta R.T.: 0.000 min
Response: 8239068
Conc: 46.49 ug/ml

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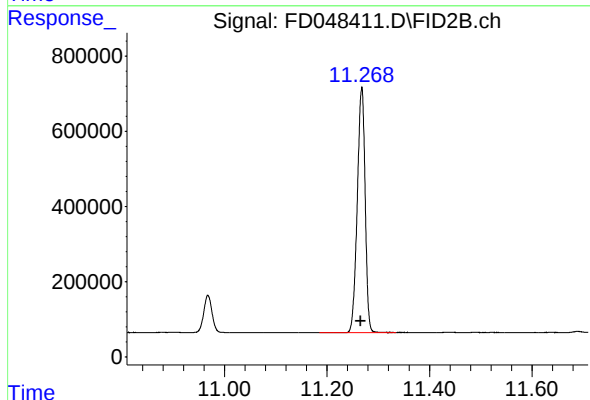
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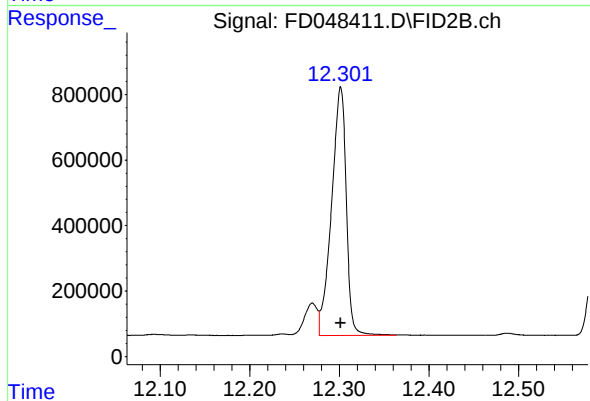
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.003 min
Response: 8404902
Conc: 47.23 ug/ml



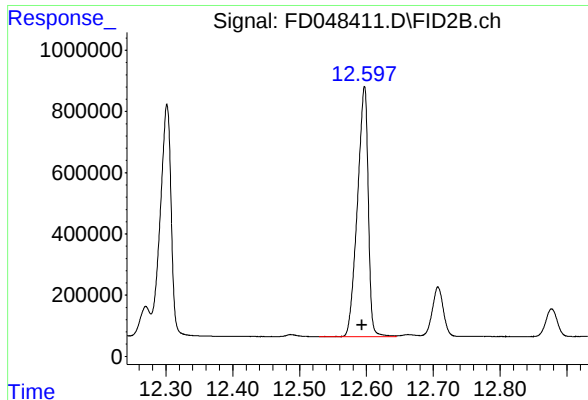
#11 ortho-Terphenyl (SURR)

R.T.: 11.268 min
Delta R.T.: 0.002 min
Response: 6948662
Conc: 37.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.301 min
Delta R.T.: 0.000 min
Response: 8645487
Conc: 47.80 ug/ml m



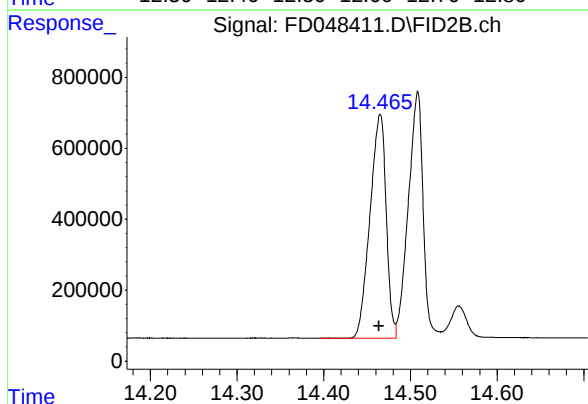
#13 Pyrene (C20.8)

R.T.: 12.596 min
Delta R.T.: 0.003 min
Response: 9205508
Conc: 51.41 ug/ml

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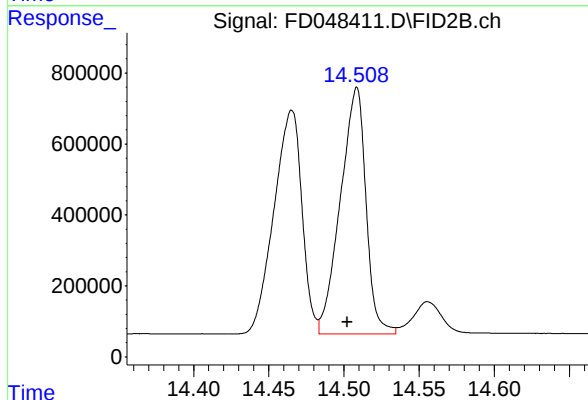
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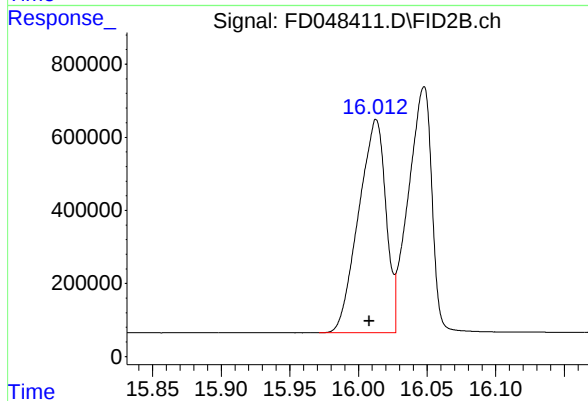
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: 0.000 min
Response: 8178302
Conc: 51.17 ug/ml



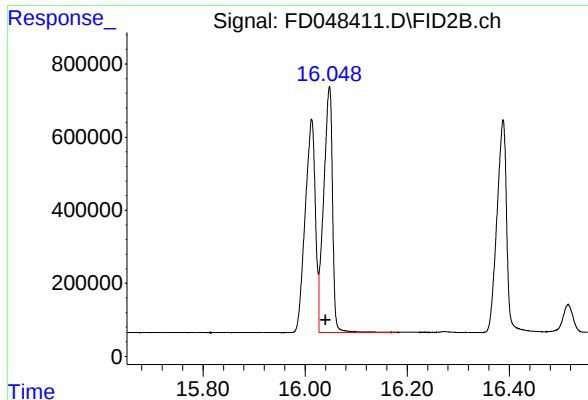
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: 0.006 min
Response: 8223425
Conc: 44.09 ug/ml



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

R.T.: 16.012 min
Delta R.T.: 0.005 min
Response: 8117505
Conc: 48.74 ug/ml



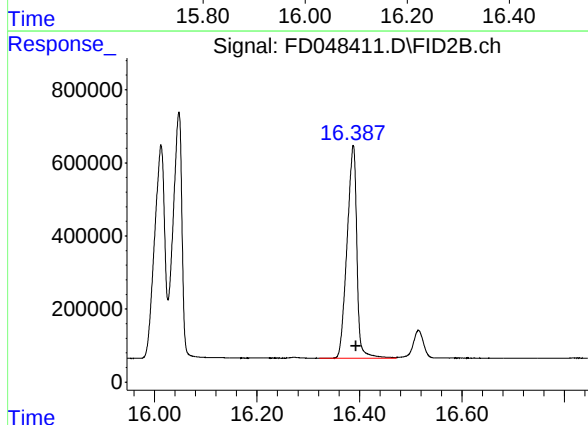
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.047 min
Delta R.T.: 0.007 min
Response: 8086232
Conc: 47.64 ug/ml

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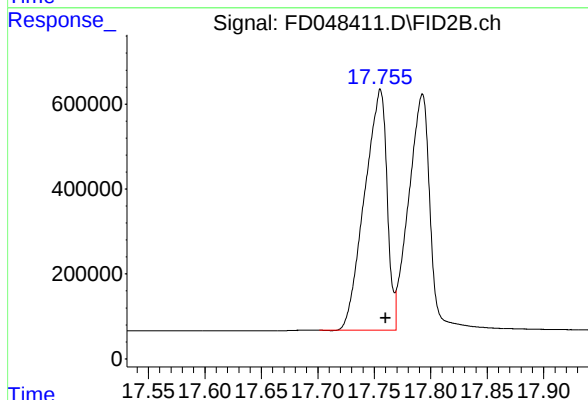
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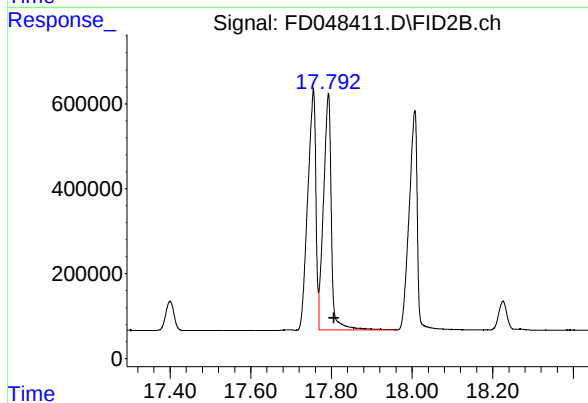
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.006 min
Response: 7750338
Conc: 47.42 ug/ml



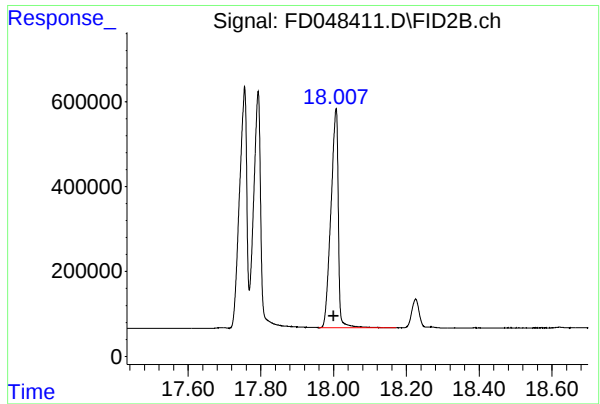
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: -0.006 min
Response: 7866456
Conc: 59.80 ug/ml



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

R.T.: 17.792 min
Delta R.T.: -0.015 min
Response: 7548166
Conc: 45.11 ug/ml



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

R.T.: 18.006 min
Delta R.T.: 0.005 min
Response: 7313890
Conc: 45.03 ug/ml

Instrument :

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