

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101724AR\
 Data File : FD048540.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2024 16:58
 Operator : YP/AJ
 Sample : PB164209BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164209BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/18/2024

Supervised By :Ankita Jodhani 10/18/2024

Integration File: autoint1.e

Quant Time: Oct 18 02:57:12 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...	7.376	8357651	50.479 ug/ml
Spiked Amount 50.000		Recovery =	100.96%
6) S 2-Fluorobiphenyl (SURR)	8.226	5354903	51.636 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.27%
11) S ortho-Terphenyl (SURR)	11.263	8164156	44.371 ug/ml
Spiked Amount 50.000		Recovery =	88.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	6131534	34.986 ug/ml
2) T Naphthalene (C11.7)	5.716	7152978	38.310 ug/ml
3) T 2-Methylnaphthalene (...)	6.763	7270973	38.473 ug/ml
5) T Acenaphthylene (C15.06)	8.029	7864703	40.996 ug/ml
7) T Acenaphthene (C15.5)	8.325	8262520	43.681 ug/ml
8) T Flouorene (C16.55)	9.104	8353539	46.236 ug/ml
9) T Phenanthrene (C19.36)	10.491	8366710	47.208 ug/ml
10) T Anthracene (C19.43)	10.567	8473073	47.617 ug/ml
12) T Fluoranthene (C21.85)	12.297	8465063	46.801 ug/mlm
13) T Pyrene (C20.8)	12.590	8818311	49.245 ug/ml
14) T Benzo[a]anthracene (C...	14.458	7816337	48.909 ug/ml
15) T Chrysene (C27.41)	14.502	7903897	42.374 ug/ml
16) T benzo[b]fluoranthene ...	16.006	7648990	45.928 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	7566524	44.575 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.382	7340473	44.912 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	7717216	58.668 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	7325100	43.775 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	7062126	43.479 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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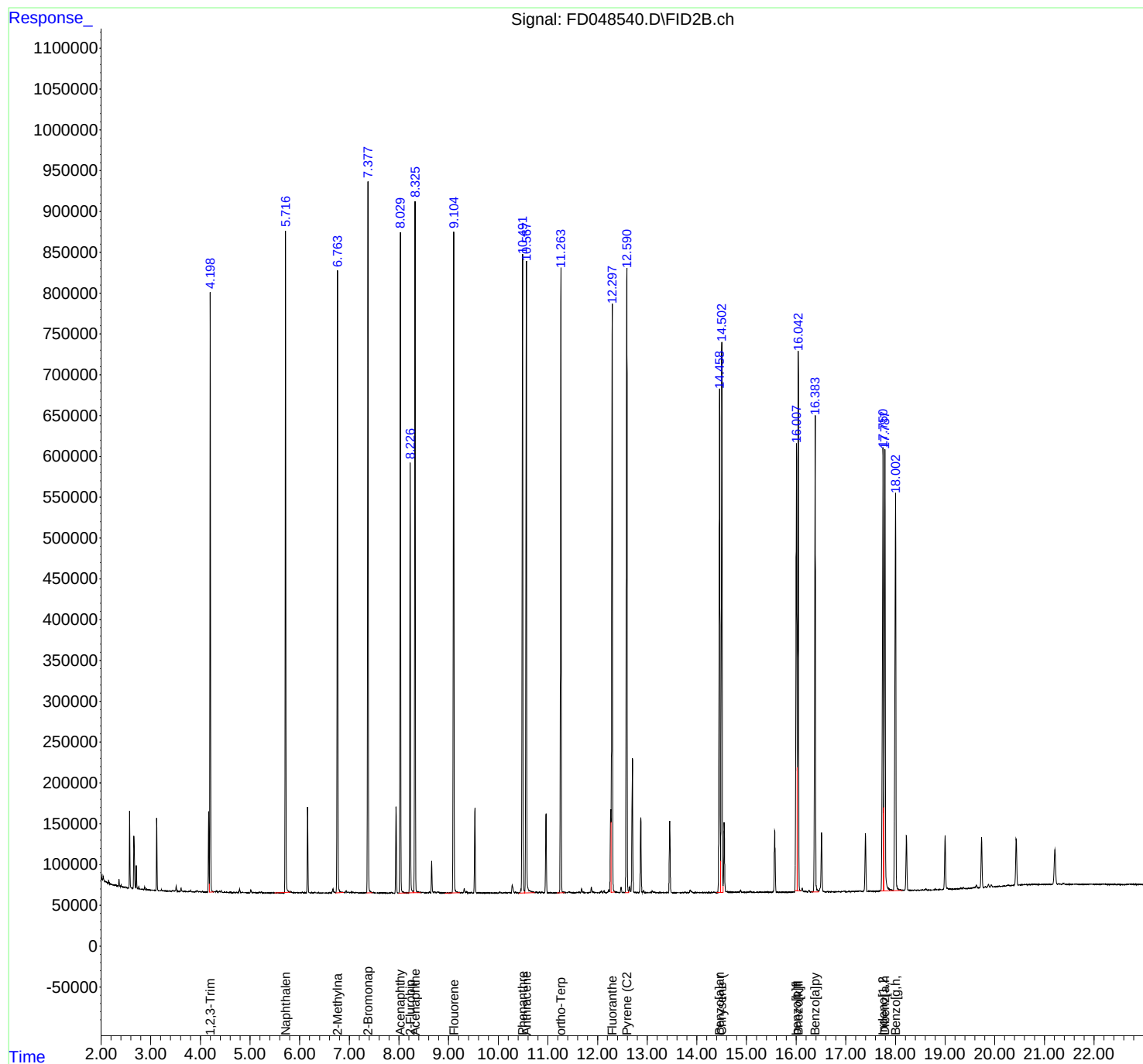
Response via : Initial Calibration

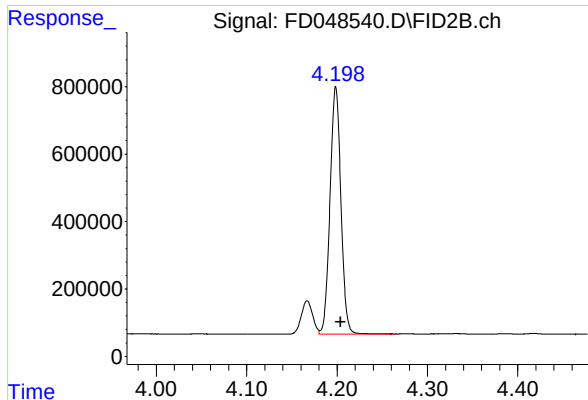
Integrator: ChemStation

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.: 4.199 min
Delta R.T.: -0.005 min
Response: 6131534
Conc: 34.99 ug/ml

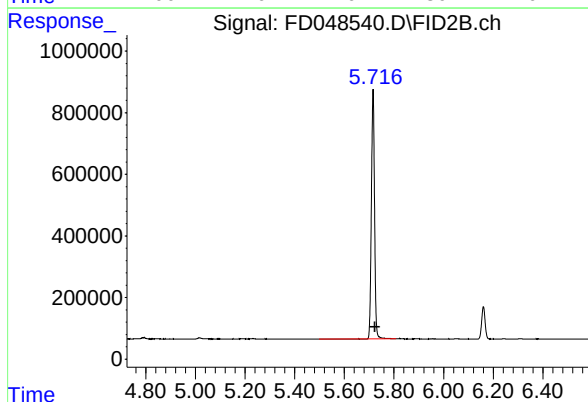
Instrument :

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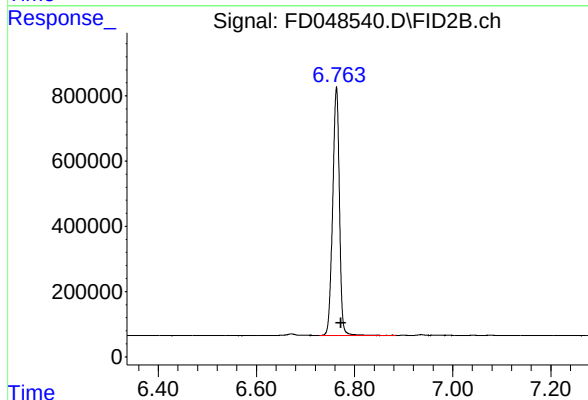
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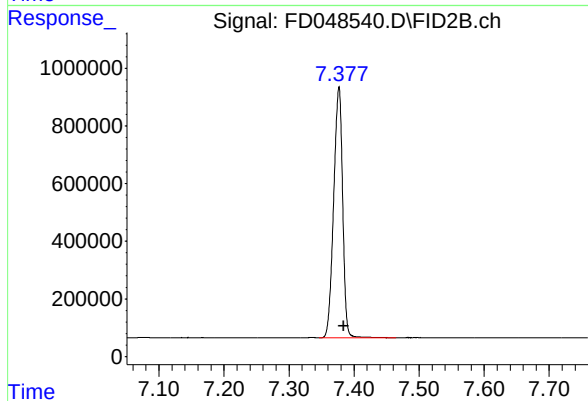
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.009 min
Response: 7152978
Conc: 38.31 ug/ml



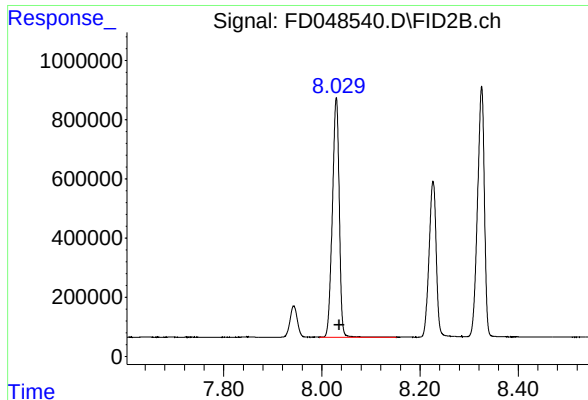
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 7270973
Conc: 38.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.376 min
Delta R.T.: -0.008 min
Response: 8357651
Conc: 50.48 ug/ml



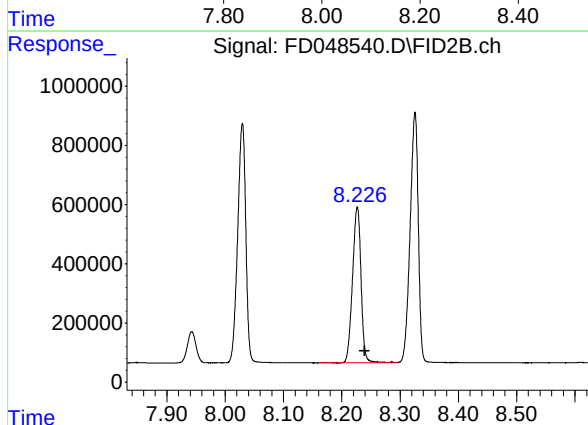
#5 Acenaphthylene (C15.06)

R.T.: 8.029 min
Delta R.T.: -0.006 min
Response: 7864703
Conc: 41.00 ug/ml

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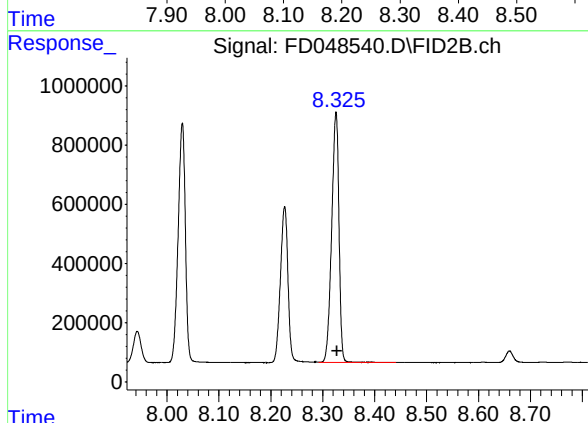
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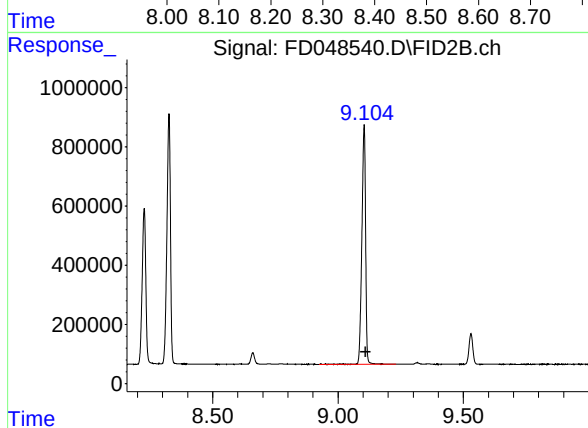
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.226 min
Delta R.T.: -0.012 min
Response: 5354903
Conc: 51.64 ug/ml



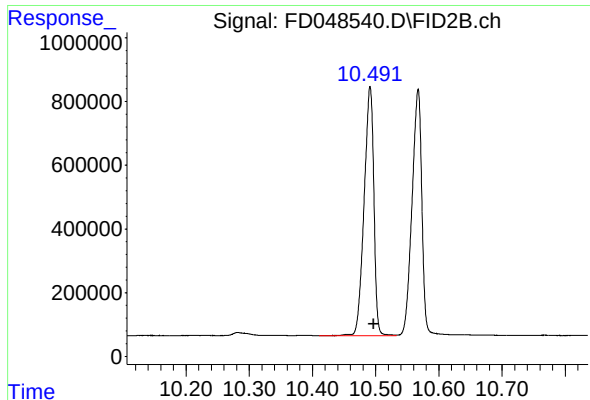
#7 Acenaphthene (C15.5)

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 8262520
Conc: 43.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 8353539
Conc: 46.24 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.491 min
Delta R.T.: -0.006 min
Response: 8366710
Conc: 47.21 ug/ml

Instrument :

FID_D

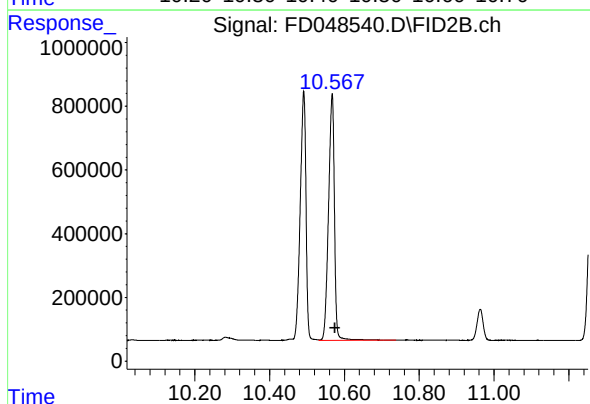
ClientSampleId :

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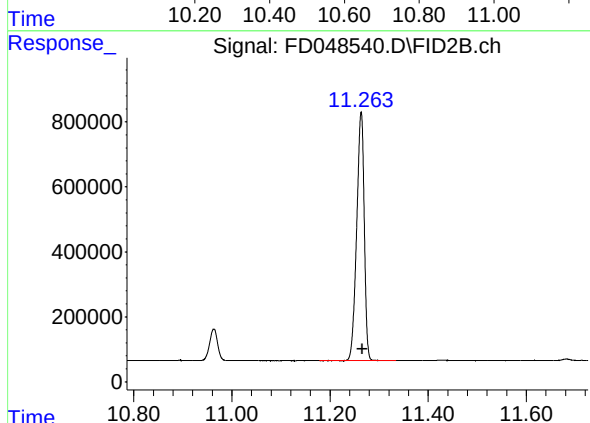
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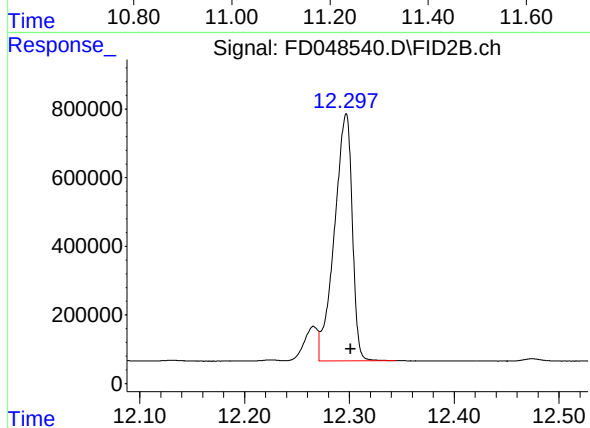
#10 Anthracene (C19.43)

R.T.: 10.567 min
Delta R.T.: -0.009 min
Response: 8473073
Conc: 47.62 ug/ml



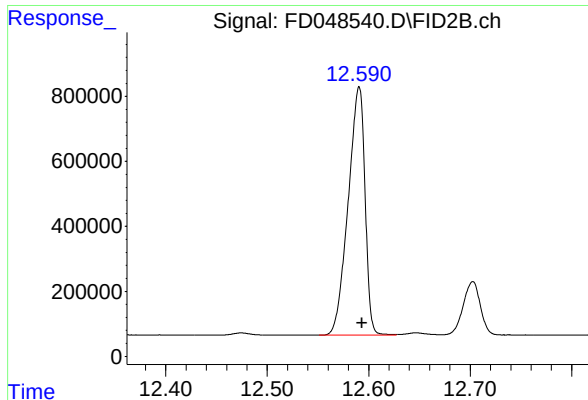
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: -0.002 min
Response: 8164156
Conc: 44.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.297 min
Delta R.T.: -0.005 min
Response: 8465063
Conc: 46.80 ug/ml m



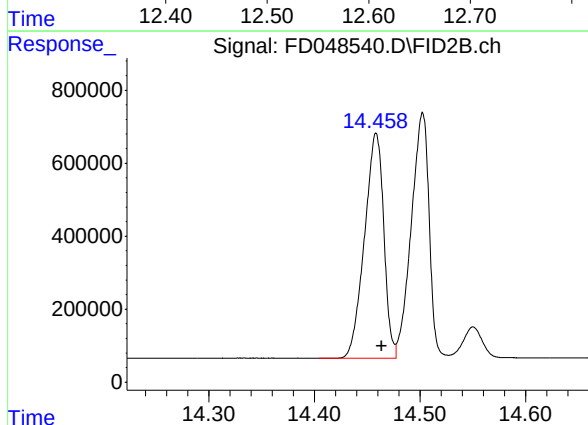
#13 Pyrene (C20.8)

R.T.: 12.590 min
Delta R.T.: -0.004 min
Response: 8818311
Conc: 49.25 ug/ml

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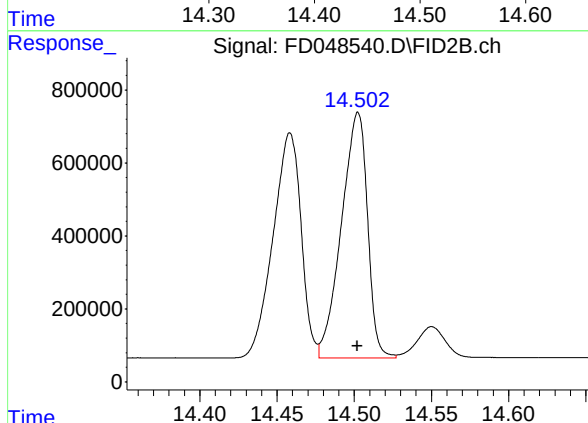
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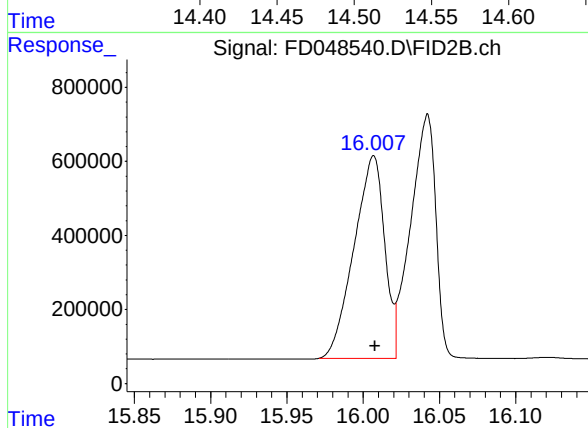
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: -0.006 min
Response: 7816337
Conc: 48.91 ug/ml



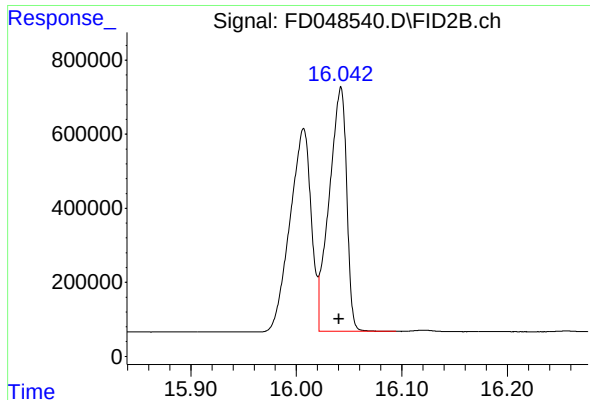
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.000 min
Response: 7903897
Conc: 42.37 ug/ml



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

R.T.: 16.006 min
Delta R.T.: -0.001 min
Response: 7648990
Conc: 45.93 ug/ml



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

R.T.: 16.041 min
Delta R.T.: 0.001 min
Response: 7566524
Conc: 44.58 ug/ml

Instrument :

FID_D

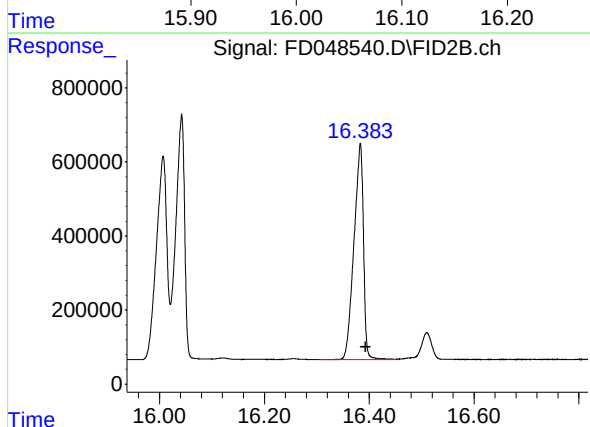
ClientSampleId :

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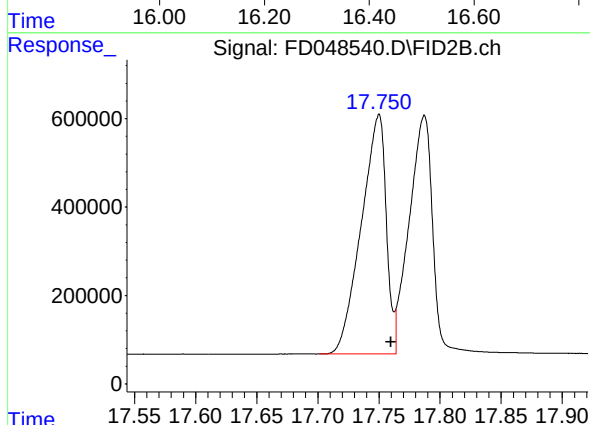
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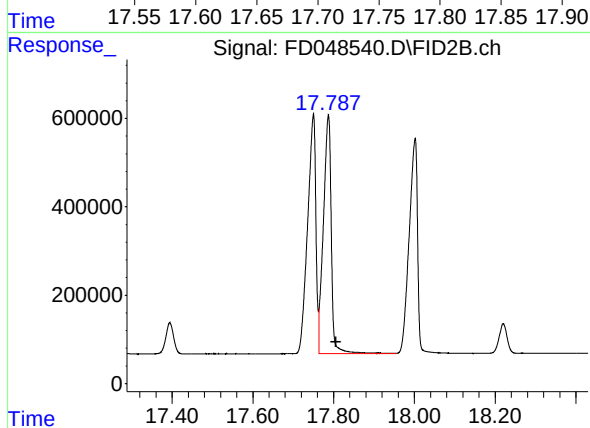
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.382 min
Delta R.T.: -0.011 min
Response: 7340473
Conc: 44.91 ug/ml



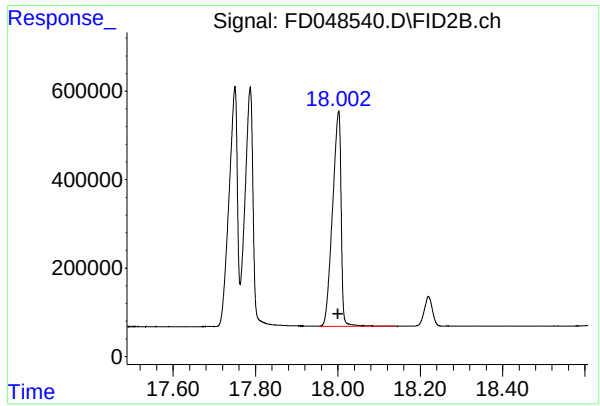
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.011 min
Response: 7717216
Conc: 58.67 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.020 min
Response: 7325100
Conc: 43.78 ug/ml



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

R.T.: 18.001 min
Delta R.T.: 0.000 min
Response: 7062126
Conc: 43.48 ug/ml

Instrument :

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