

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011025AR\
 Data File : FD048930.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2025 11:44
 Operator : YP/AJ
 Sample : PB166003BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB166003BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh

Patel

01/13/2025

Supervised By :Ankita

Jodhani

01/13/2025

Integration File: autoint1.e

Quant Time: Jan 10 23:14:55 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M

Quant Title : GC Extractables

QLast Update : Tue Dec 31 12:22:13 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...	7.358	6683079	42.007 ug/ml
Spiked Amount 50.000		Recovery =	84.01%
6) S 2-Fluorobiphenyl (SURR)	8.209	3696355	37.798 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.60%
11) S ortho-Terphenyl (SURR)	11.244	7015050	38.225 ug/ml
Spiked Amount 50.000		Recovery =	76.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.181	4567288	26.491 ug/ml
2) T Naphthalene (C11.7)	5.698	5687912	31.320 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	5672569	30.771 ug/ml
5) T Acenaphthylene (C15.06)	8.010	6829086	37.121 ug/ml
7) T Acenaphthene (C15.5)	8.305	7100138	37.415 ug/ml
8) T Flouorene (C16.55)	9.084	7160695	40.170 ug/ml
9) T Phenanthrene (C19.36)	10.472	7125485	40.632 ug/mlm
10) T Anthracene (C19.43)	10.548	7353264	43.337 ug/ml
12) T Fluoranthene (C21.85)	12.277	7369883	40.780 ug/mlm
13) T Pyrene (C20.8)	12.570	7365177	40.968 ug/ml
14) T Benzo[a]anthracene (C...	14.441	7070889	44.880 ug/ml
15) T Chrysene (C27.41)	14.483	7070868	36.605 ug/ml
16) T benzo[b]fluoranthene ...	15.990	7075936	42.792 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	7226181	39.888 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	6817376	40.917 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	6644019	49.931 ug/mlm
20) T Dibenz[a,h]anthracene...	17.769	6596867	35.770 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	6628377	39.701 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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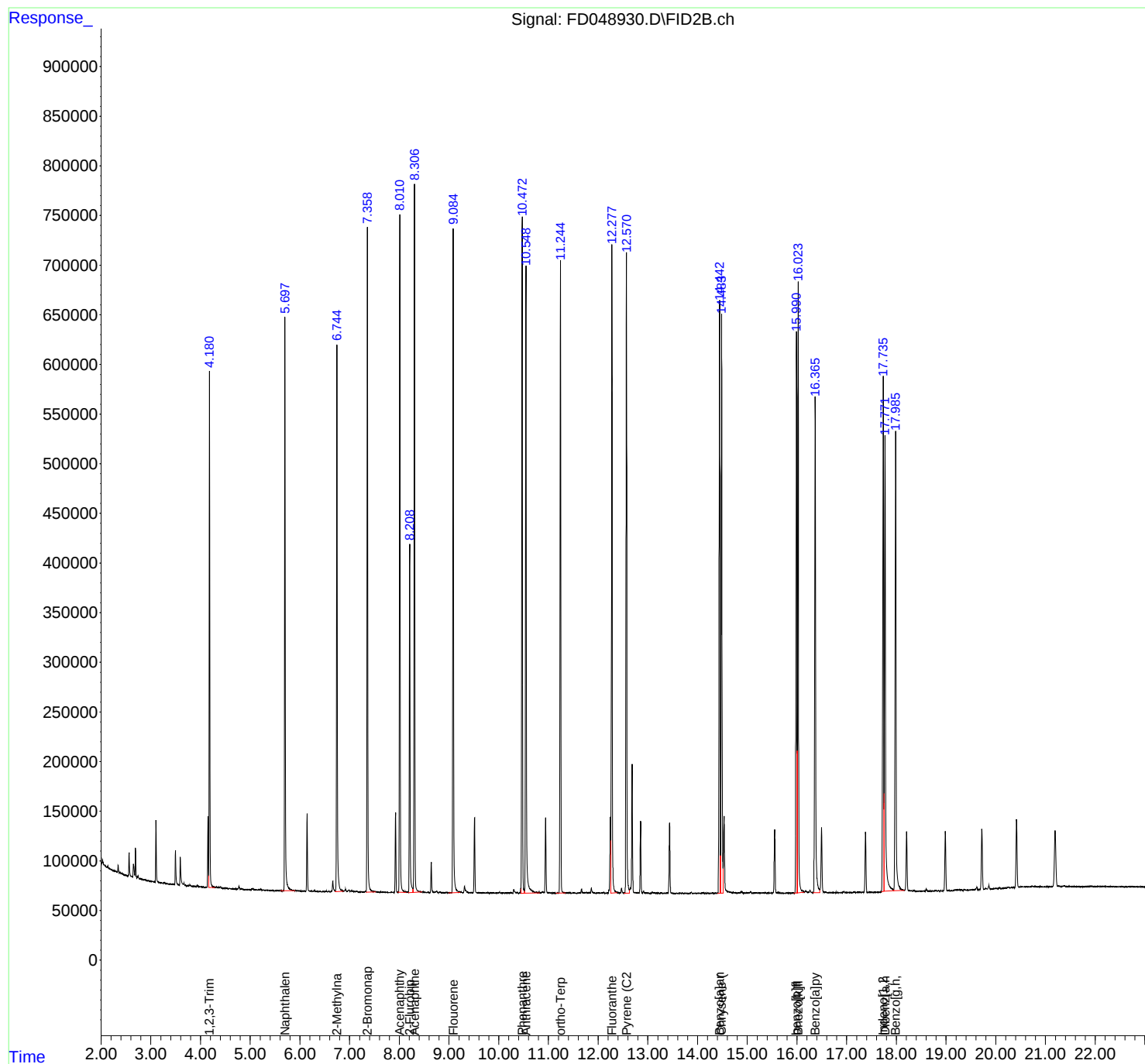
Response via : Initial Calibration

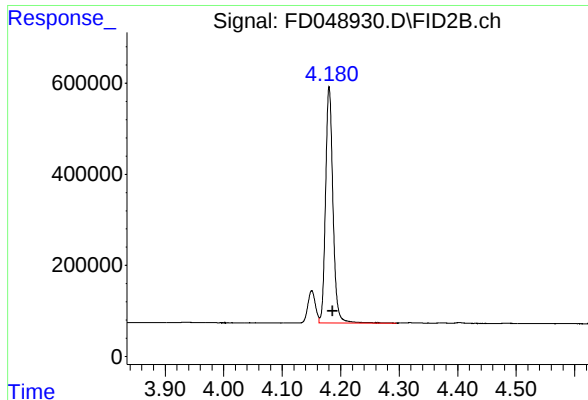
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

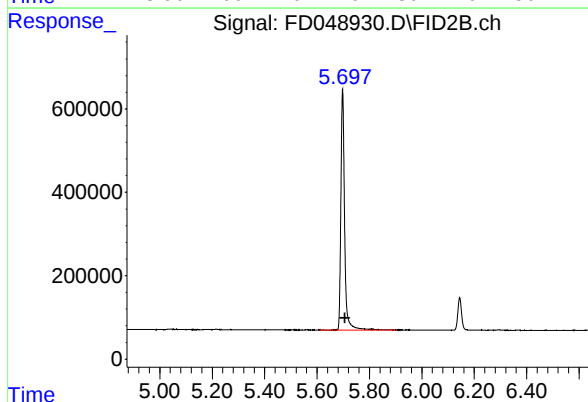
R.T.: 4.181 min
Delta R.T.: -0.005 min
Response: 4567288
Conc: 26.49 ug/ml

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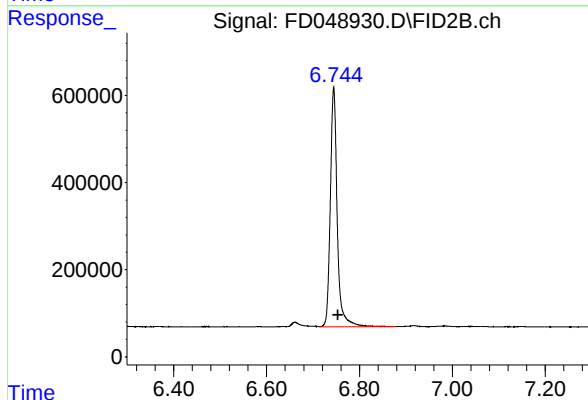
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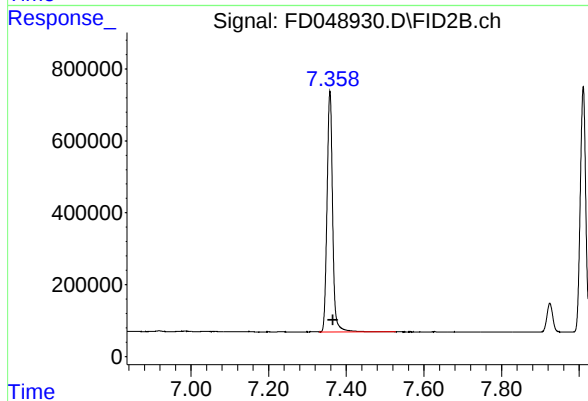
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.009 min
Response: 5687912
Conc: 31.32 ug/ml



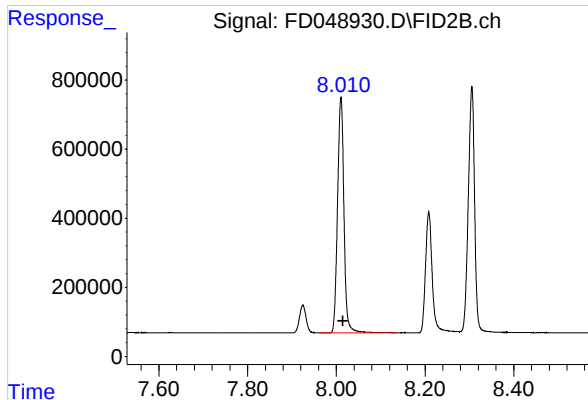
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.009 min
Response: 5672569
Conc: 30.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.008 min
Response: 6683079
Conc: 42.01 ug/ml



#5 Acenaphthylene (C15.06)

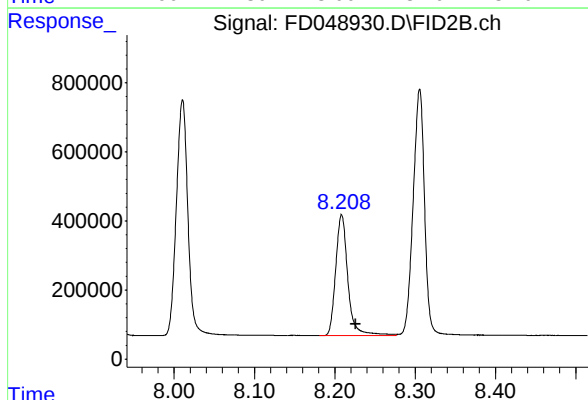
R.T.: 8.010 min
Delta R.T.: -0.005 min
Response: 6829086
Conc: 37.12 ug/ml

Instrument :
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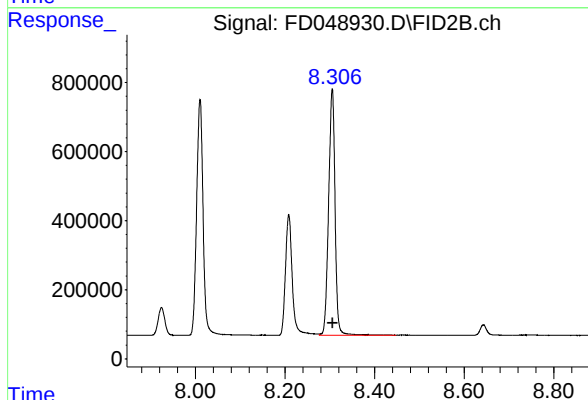
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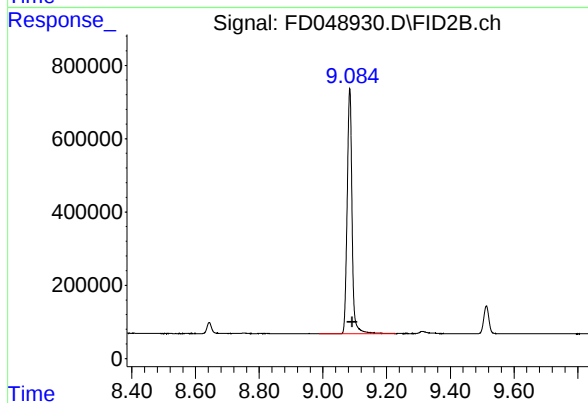
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.209 min
Delta R.T.: -0.017 min
Response: 3696355
Conc: 37.80 ug/ml



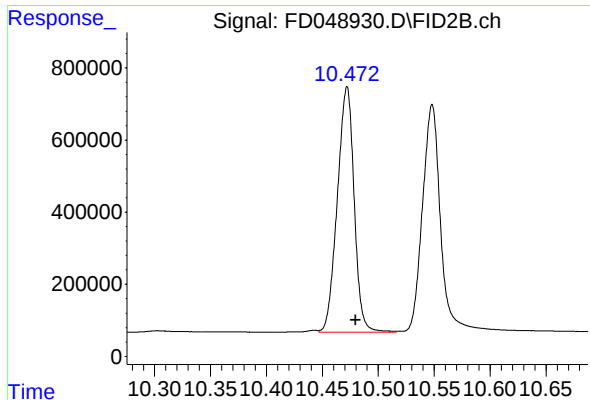
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 7100138
Conc: 37.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.084 min
Delta R.T.: -0.009 min
Response: 7160695
Conc: 40.17 ug/ml



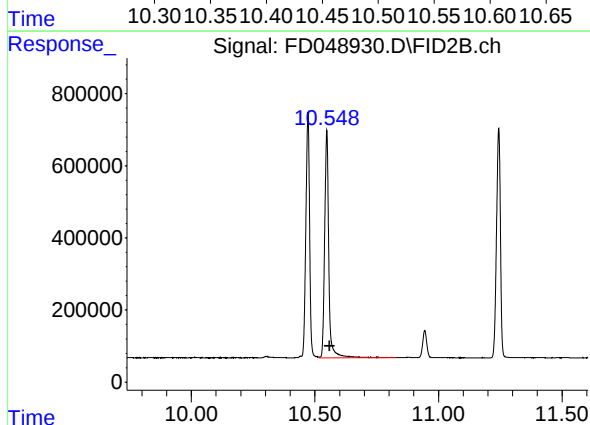
#9 Phenanthrene (C19.36)

R.T.: 10.472 min
Delta R.T.: -0.008 min
Response: 7125485
Conc: 40.63 ug/ml

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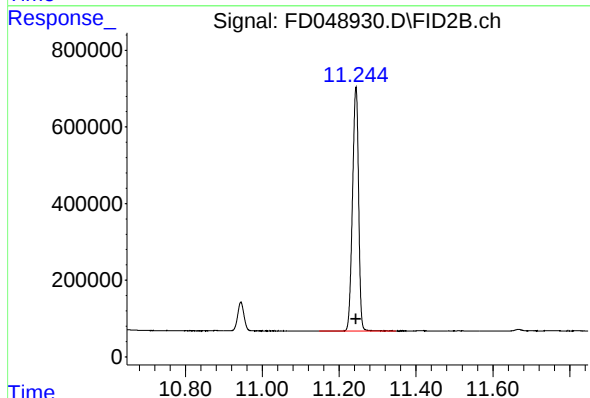
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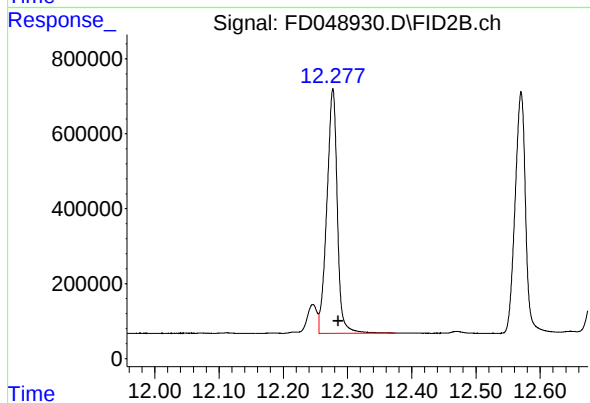
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: -0.012 min
Response: 7353264
Conc: 43.34 ug/ml



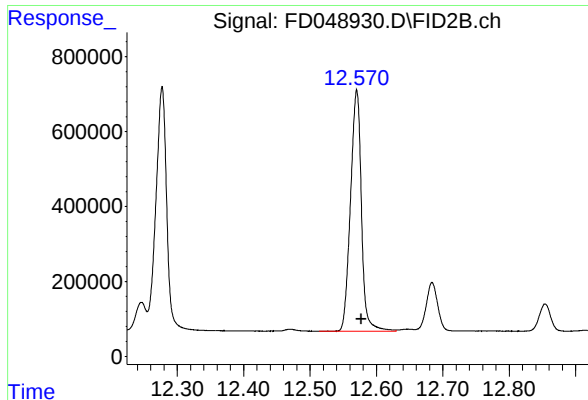
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 7015050
Conc: 38.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.277 min
Delta R.T.: -0.009 min
Response: 7369883
Conc: 40.78 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.570 min
Delta R.T.: -0.007 min
Response: 7365177
Conc: 40.97 ug/ml

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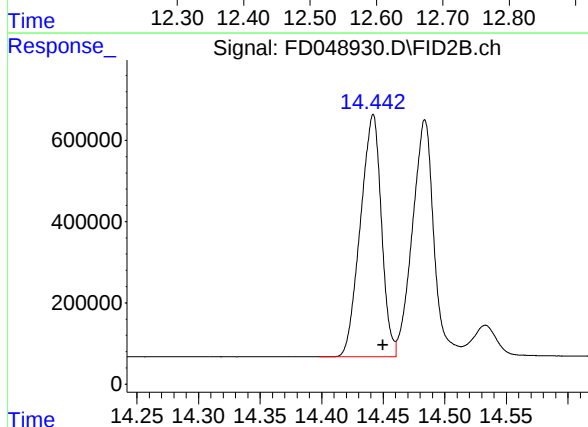
ClientSampleId :

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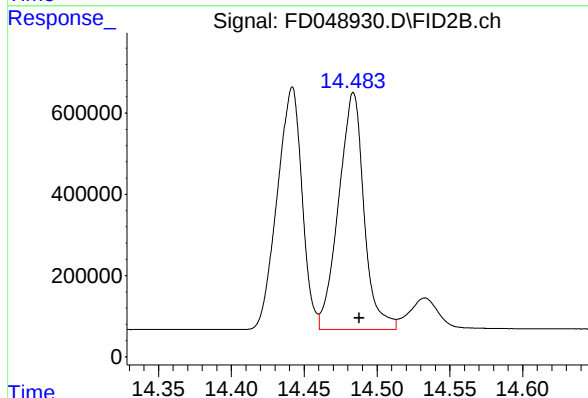
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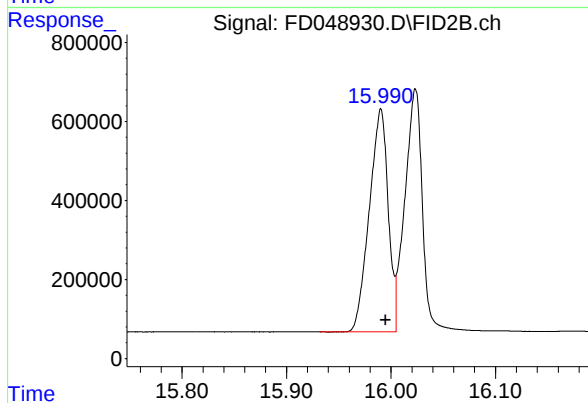
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: -0.009 min
Response: 7070889
Conc: 44.88 ug/ml



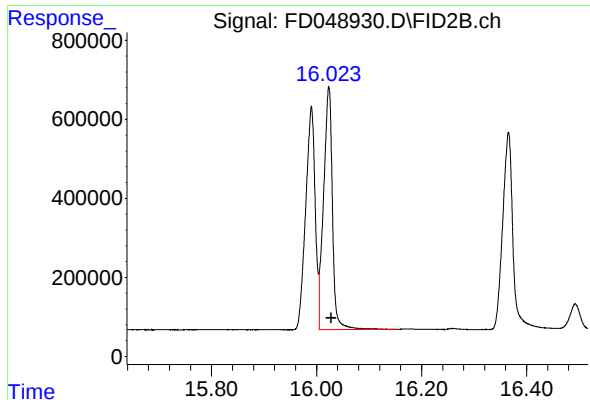
#15 Chrysene (C27.41)

R.T.: 14.483 min
Delta R.T.: -0.005 min
Response: 7070868
Conc: 36.60 ug/ml



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

R.T.: 15.990 min
Delta R.T.: -0.005 min
Response: 7075936
Conc: 42.79 ug/ml



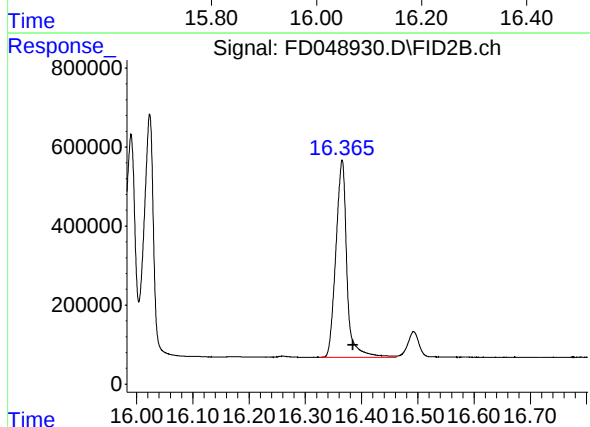
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.023 min
Delta R.T.: -0.005 min
Response: 7226181
Conc: 39.89 ug/ml

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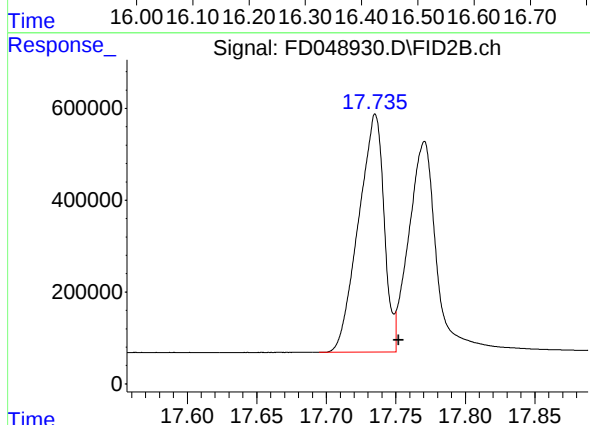
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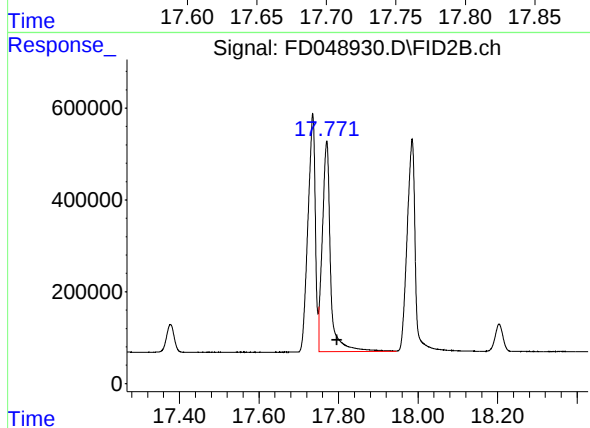
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.021 min
Response: 6817376
Conc: 40.92 ug/ml



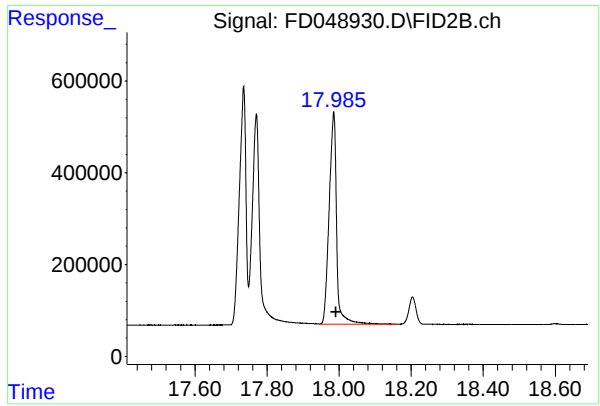
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: -0.017 min
Response: 6644019
Conc: 49.93 ug/ml m



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

R.T.: 17.769 min
Delta R.T.: -0.027 min
Response: 6596867
Conc: 35.77 ug/ml



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

R.T.: 17.983 min
Delta R.T.: -0.009 min
Response: 6628377
Conc: 39.70 ug/ml

Instrument :

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