

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048513.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 06:12
 Operator : YP/AJ
 Sample : P4397-02MSD
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-301-BOTMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e

Quant Time: Oct 15 07:37:44 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...	7.377	7244608	43.756 ug/ml
Spiked Amount 50.000		Recovery =	87.51%
6) S 2-Fluorobiphenyl (SURR)	8.228	4767531	45.972 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.94%
11) S ortho-Terphenyl (SURR)	11.263	5147288	27.975 ug/ml
Spiked Amount 50.000		Recovery =	55.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	5193817	29.635 ug/ml
2) T Naphthalene (C11.7)	5.717	5992871	32.097 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	5954666	31.508 ug/ml
5) T Acenaphthylene (C15.06)	8.030	6376750	33.240 ug/ml
7) T Acenaphthene (C15.5)	8.326	6841151	36.167 ug/ml
8) T Flouorene (C16.55)	9.104	6811952	37.703 ug/ml
9) T Phenanthrene (C19.36)	10.492	7176433	40.492 ug/ml
10) T Anthracene (C19.43)	10.567	6915575	38.864 ug/ml
12) T Fluoranthene (C21.85)	12.297	6861963	37.938 ug/mlm
13) T Pyrene (C20.8)	12.591	7195067	40.181 ug/ml
14) T Benzo[a]anthracene (C...	14.459	6235474	39.017 ug/ml
15) T Chrysene (C27.41)	14.503	6313233	33.846 ug/ml
16) T benzo[b]fluoranthene ...	16.007	6089018	36.562 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	6029743	35.522 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	5876440	35.954 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	6402008	48.670 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	5865413	35.052 ug/ml
21) T Benzo[g,h,i]perylene ...	18.002	5656937	34.828 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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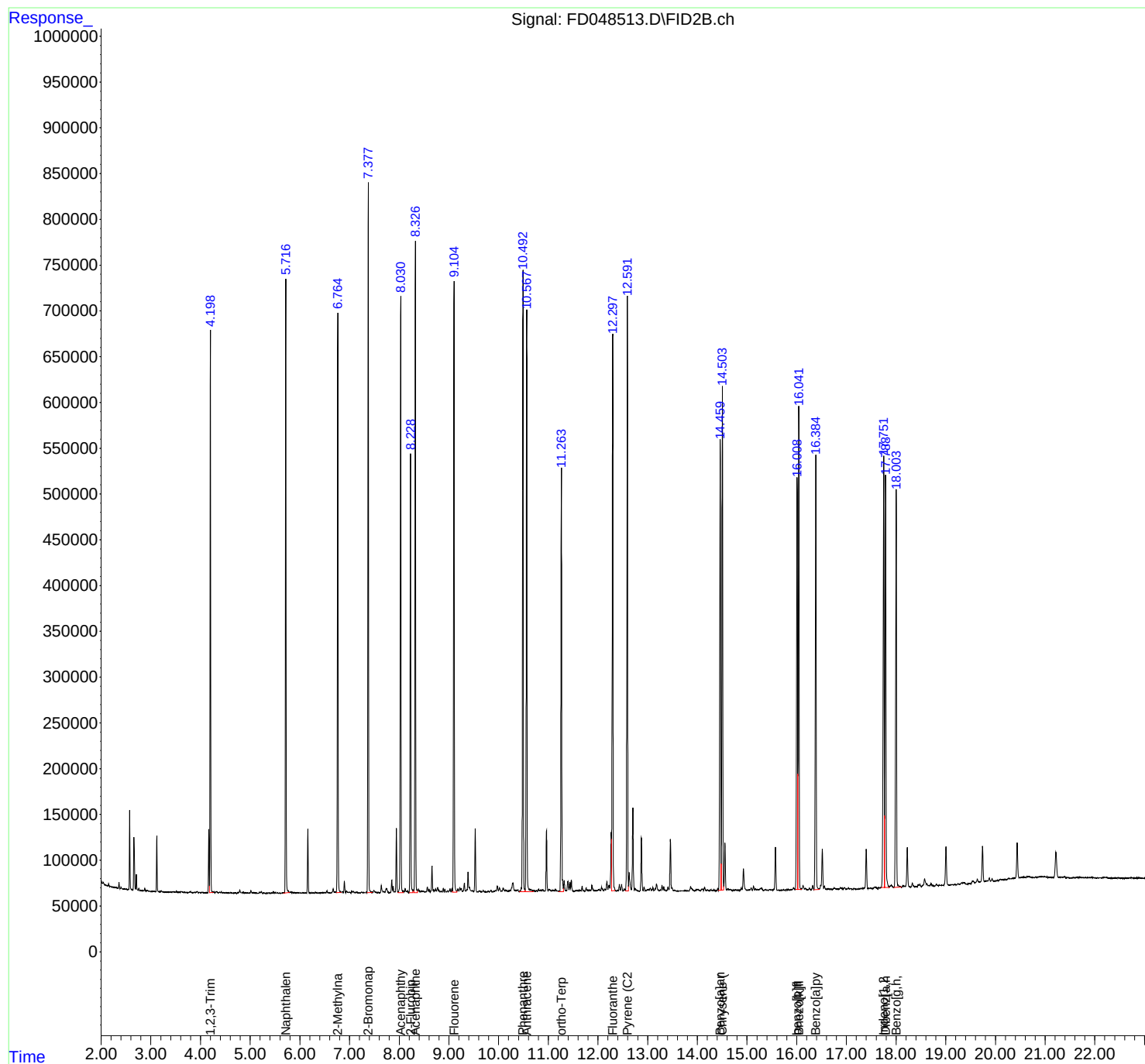
Instrument :
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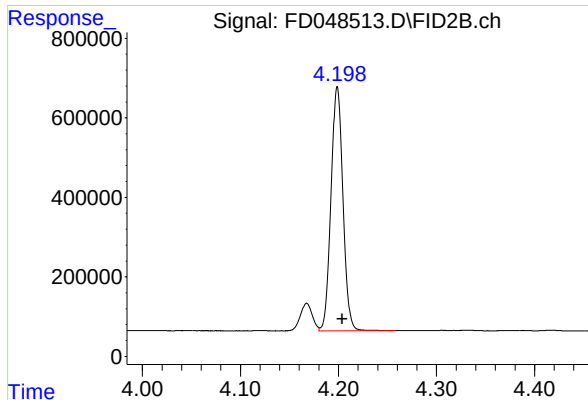
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Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 5193817
Conc: 29.64 ug/ml

Instrument :

FID_D

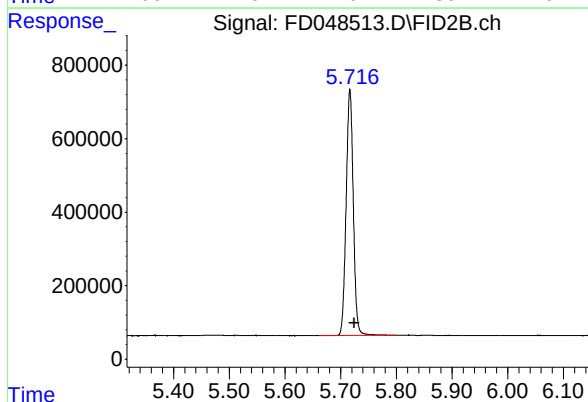
ClientSampleId :

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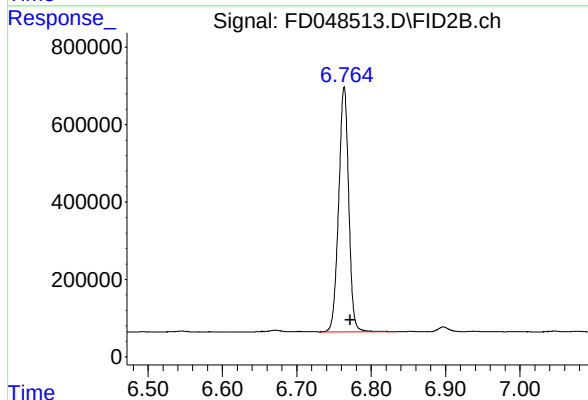
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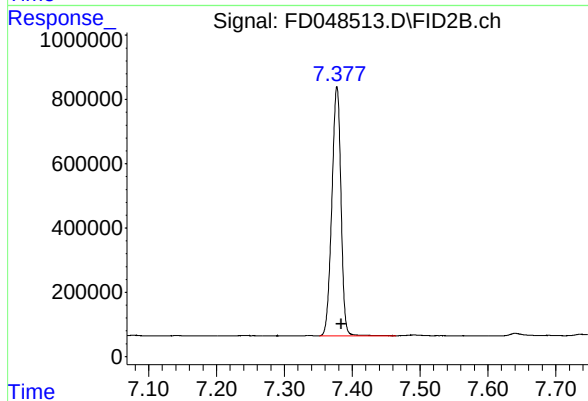
#2 Naphthalene (C11.7)

R.T.: 5.717 min
Delta R.T.: -0.008 min
Response: 5992871
Conc: 32.10 ug/ml



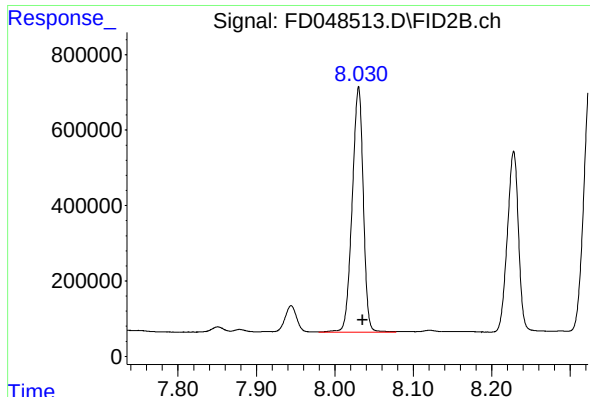
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: -0.008 min
Response: 5954666
Conc: 31.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.377 min
Delta R.T.: -0.007 min
Response: 7244608
Conc: 43.76 ug/ml



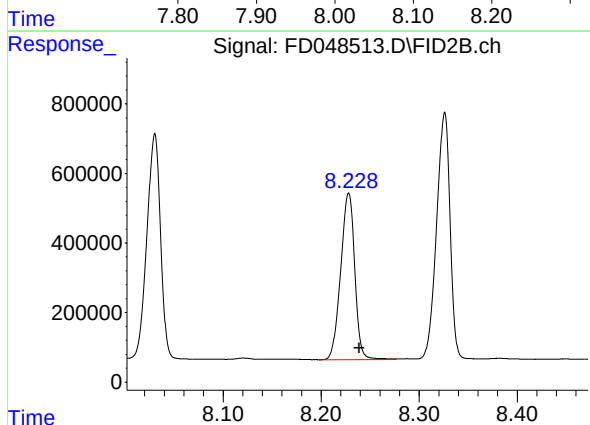
#5 Acenaphthylene (C15.06)

R.T.: 8.030 min
Delta R.T.: -0.005 min
Response: 6376750
Conc: 33.24 ug/ml

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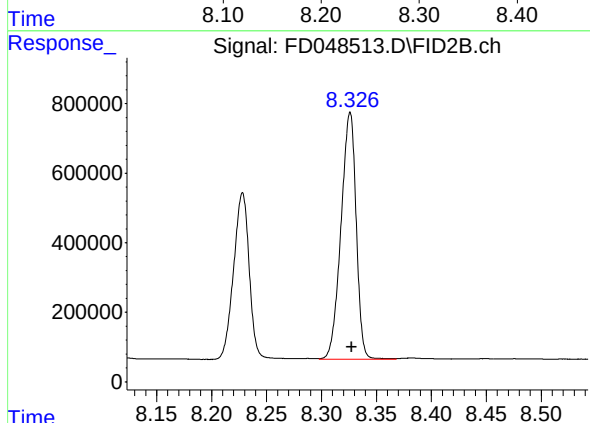
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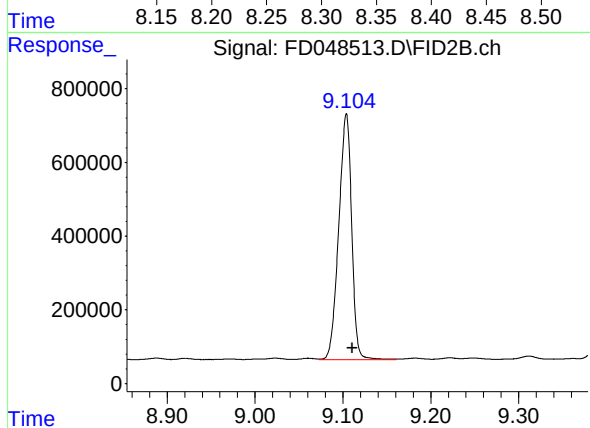
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.228 min
Delta R.T.: -0.011 min
Response: 4767531
Conc: 45.97 ug/ml



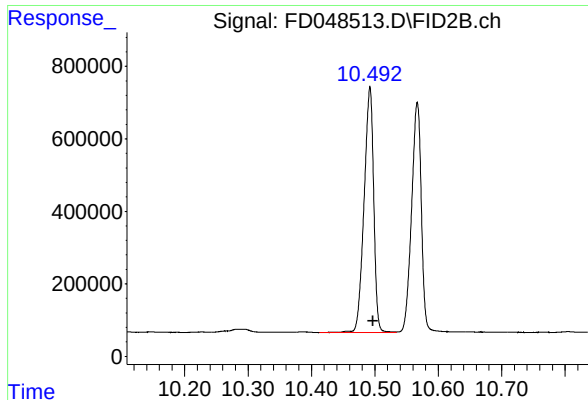
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 6841151
Conc: 36.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 6811952
Conc: 37.70 ug/ml



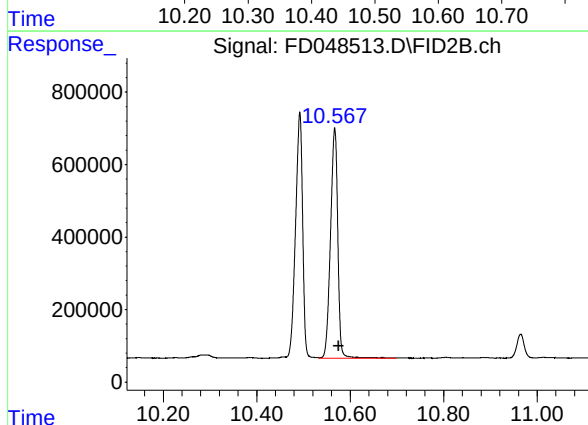
#9 Phenanthrene (C19.36)

R.T.: 10.492 min
Delta R.T.: -0.005 min
Response: 7176433
Conc: 40.49 ug/ml

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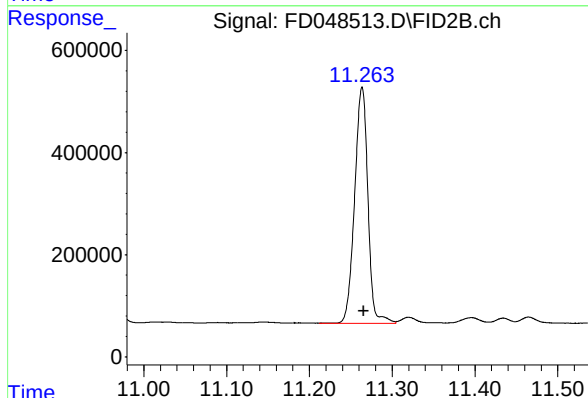
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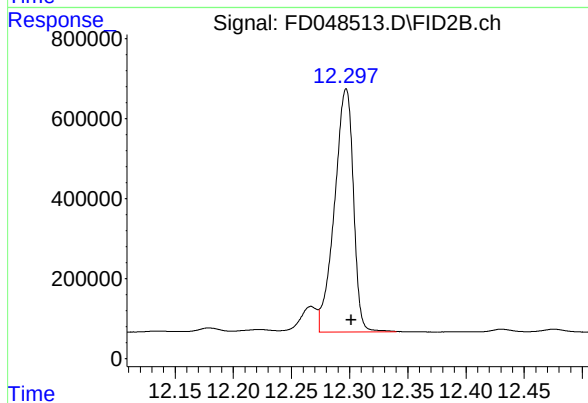
#10 Anthracene (C19.43)

R.T.: 10.567 min
Delta R.T.: -0.009 min
Response: 6915575
Conc: 38.86 ug/ml



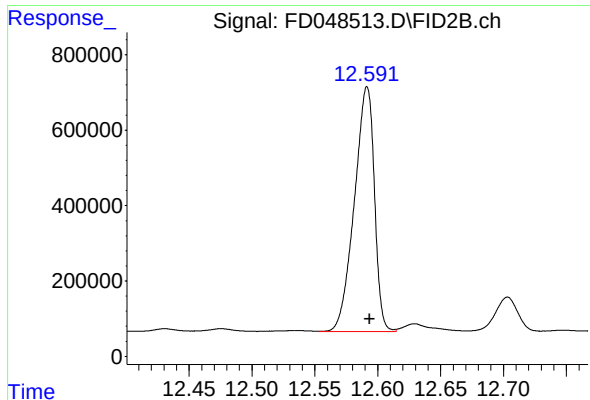
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: -0.002 min
Response: 5147288
Conc: 27.97 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.297 min
Delta R.T.: -0.005 min
Response: 6861963
Conc: 37.94 ug/ml m



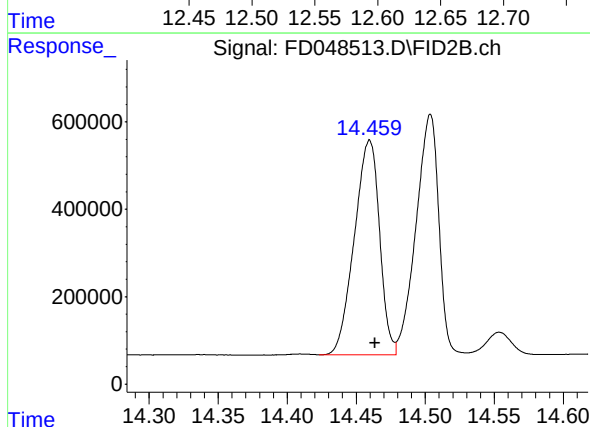
#13 Pyrene (C20.8)

R.T.: 12.591 min
Delta R.T.: -0.002 min
Response: 7195067
Conc: 40.18 ug/ml

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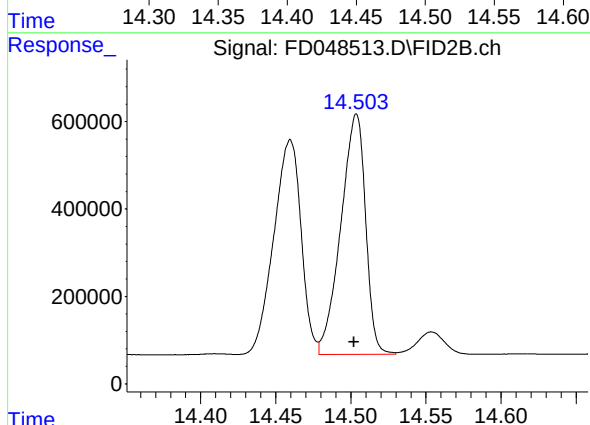
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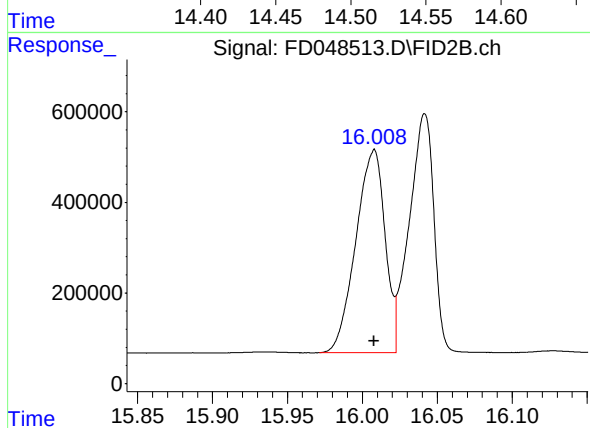
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.459 min
Delta R.T.: -0.004 min
Response: 6235474
Conc: 39.02 ug/ml



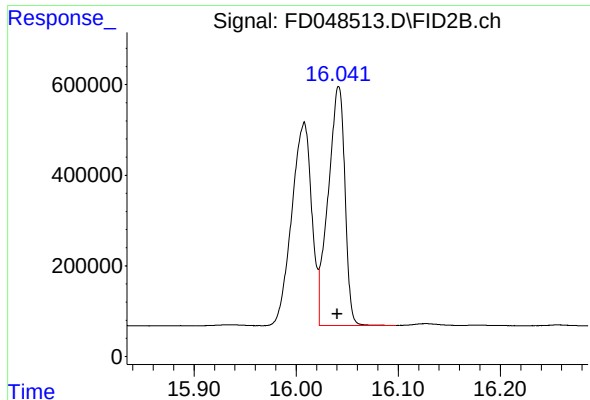
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: 0.001 min
Response: 6313233
Conc: 33.85 ug/ml



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

R.T.: 16.007 min
Delta R.T.: 0.000 min
Response: 6089018
Conc: 36.56 ug/ml



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

R.T.: 16.041 min
Delta R.T.: 0.000 min
Response: 6029743
Conc: 35.52 ug/ml

Instrument :

FID_D

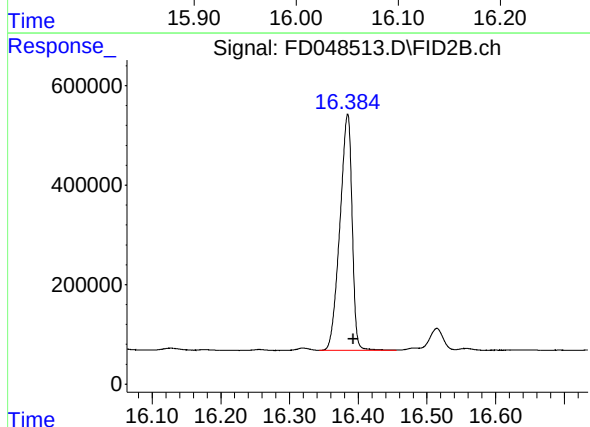
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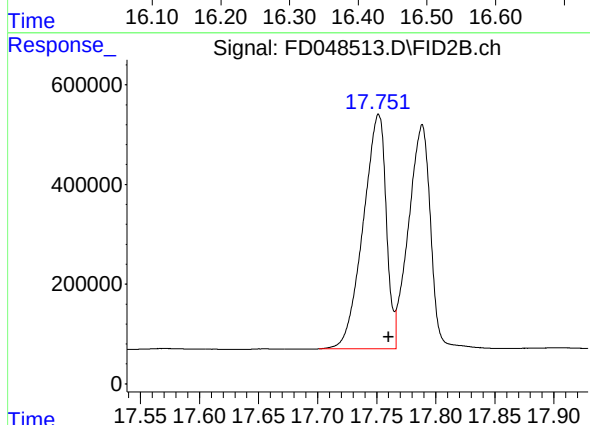
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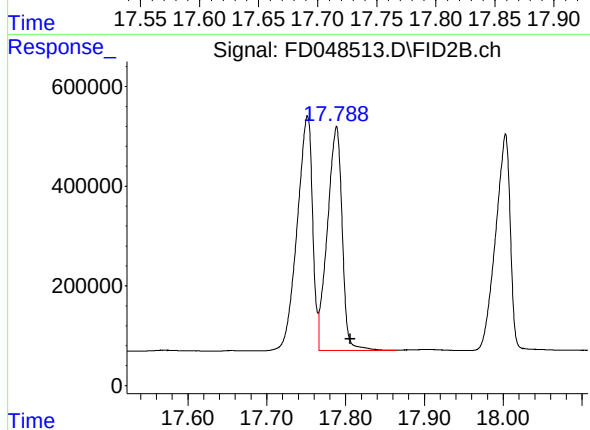
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: -0.009 min
Response: 5876440
Conc: 35.95 ug/ml



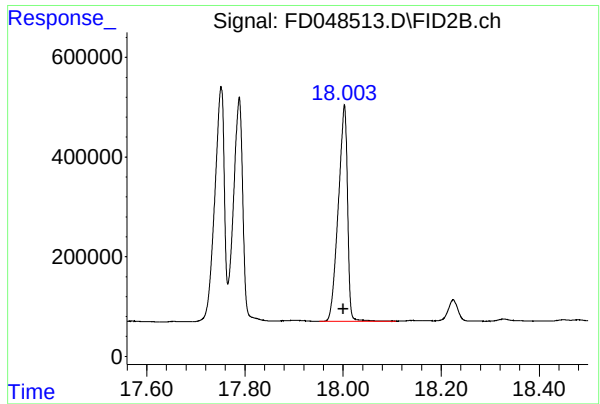
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: -0.009 min
Response: 6402008
Conc: 48.67 ug/ml



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

R.T.: 17.788 min
Delta R.T.: -0.019 min
Response: 5865413
Conc: 35.05 ug/ml



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

R.T.: 18.002 min
Delta R.T.: 0.002 min
Response: 5656937
Conc: 34.83 ug/ml

Instrument :

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