

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112124AR\
 Data File : FD048792.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2024 11:53
 Operator : YP/AJ
 Sample : PB165151BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165151BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024

Integration File: autoint1.e

Quant Time: Nov 22 00:50:28 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:16:25 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...	7.367	9475305	53.819 ug/ml
Spiked Amount 50.000		Recovery =	107.64%
6) S 2-Fluorobiphenyl (SURR)	8.217	5662551	49.167 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.33%
11) S ortho-Terphenyl (SURR)	11.255	8905805	46.303 ug/ml
Spiked Amount 50.000		Recovery =	92.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	7850322	41.655 ug/ml
2) T Naphthalene (C11.7)	5.707	9430412	48.219 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	9255569	48.432 ug/ml
5) T Acenaphthylene (C15.06)	8.021	10627295	54.801 ug/ml
7) T Acenaphthene (C15.5)	8.317	11029723	57.343 ug/ml
8) T Fluorene (C16.55)	9.096	10871525	56.666 ug/ml
9) T Phenanthrene (C19.36)	10.485	10651439	58.108 ug/mlm
10) T Anthracene (C19.43)	10.561	10711321	57.197 ug/ml
12) T Fluoranthene (C21.85)	12.291	10678652	58.314 ug/mlm
13) T Pyrene (C20.8)	12.584	10645226	58.881 ug/ml
14) T Benzo[a]anthracene (C...	14.455	10042404	61.047 ug/ml
15) T Chrysene (C27.41)	14.498	9879334	56.449 ug/ml
16) T benzo[b]fluoranthene ...	16.003	9600114	61.101 ug/ml
17) T Bnezo[k]fluoranthene ...	16.039	9465142	57.998 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	9059847	60.765 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	8925743	72.256 ug/ml
20) T Dibenz[a,h]anthracene...	17.785	8426796	53.738 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	8570276	60.064 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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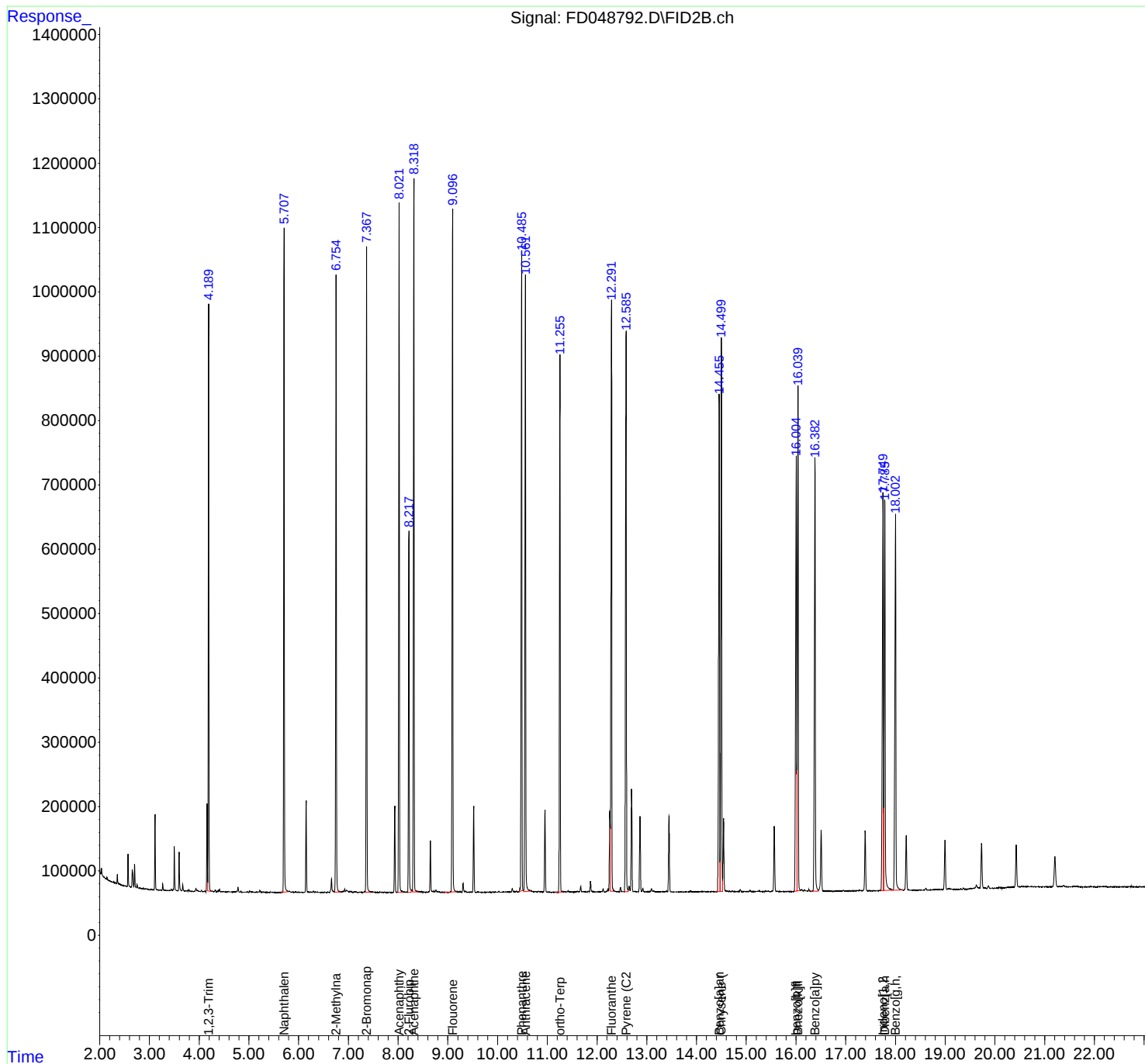
Response via : Initial Calibration

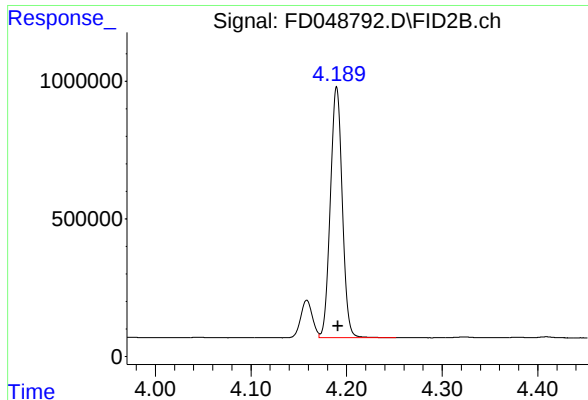
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Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





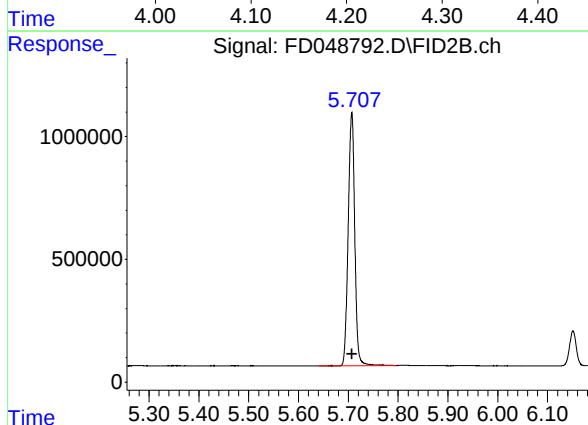
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.190 min
Delta R.T.: -0.001 min
Response: 7850322
Conc: 41.65 ug/ml

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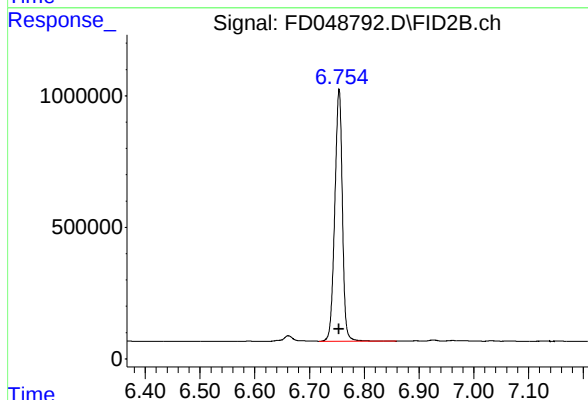
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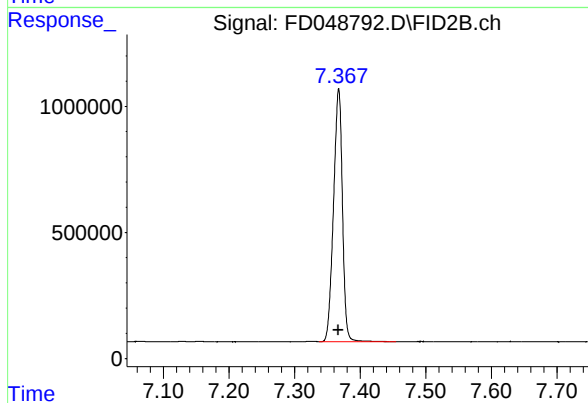
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 9430412
Conc: 48.22 ug/ml



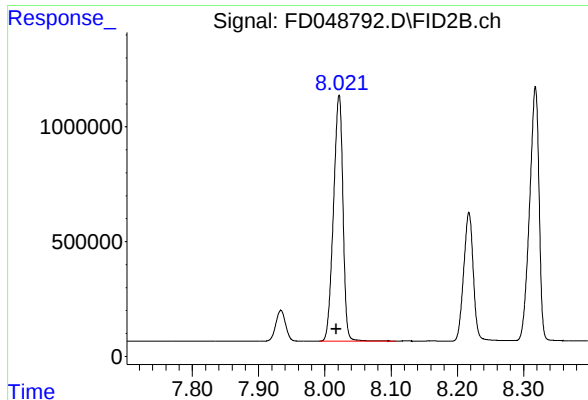
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 9255569
Conc: 48.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 9475305
Conc: 53.82 ug/ml



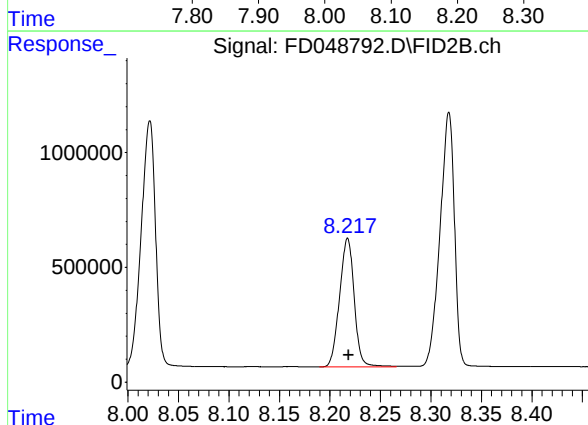
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: 0.004 min
Response: 10627295
Conc: 54.80 ug/ml

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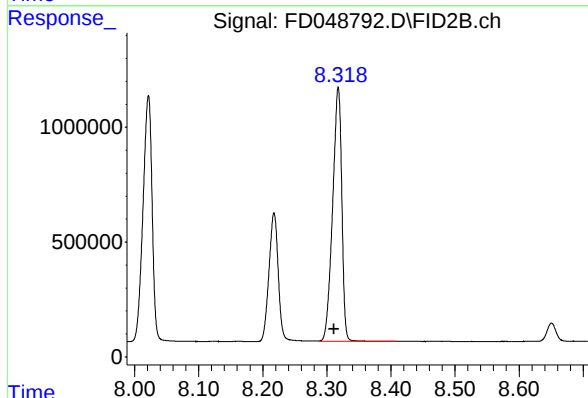
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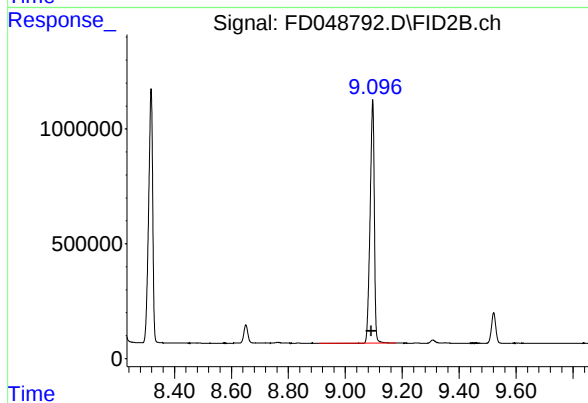
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.001 min
Response: 5662551
Conc: 49.17 ug/ml m



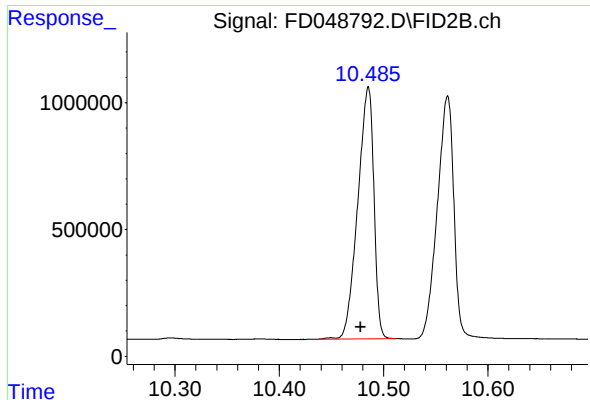
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: 0.006 min
Response: 11029723
Conc: 57.34 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.096 min
Delta R.T.: 0.004 min
Response: 10871525
Conc: 56.67 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: 0.007 min
Response: 10651439
Conc: 58.11 ug/ml

Instrument :

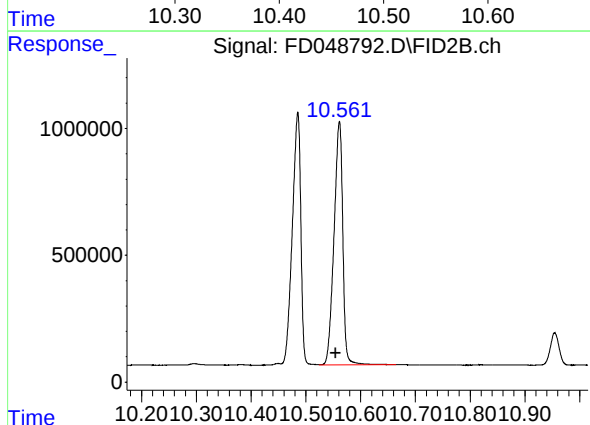
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ClientSampleId :

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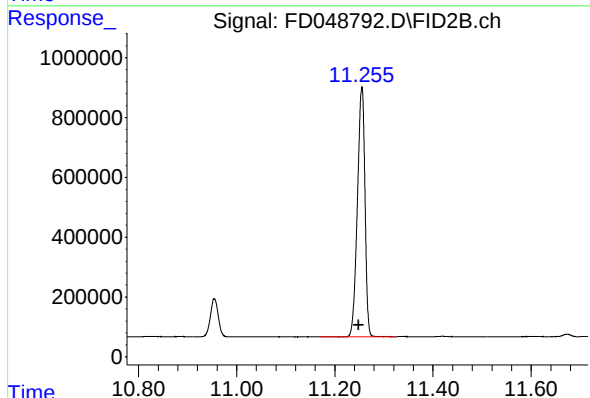
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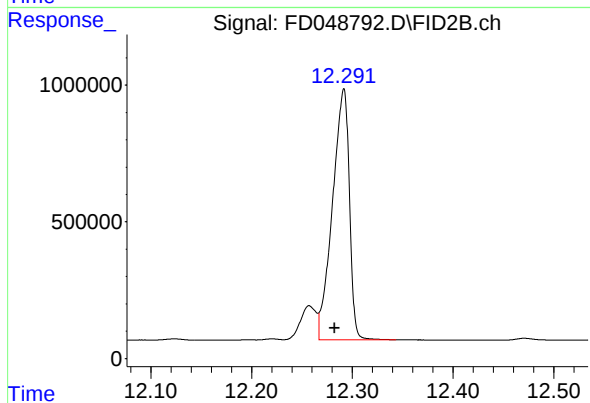
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.006 min
Response: 10711321
Conc: 57.20 ug/ml



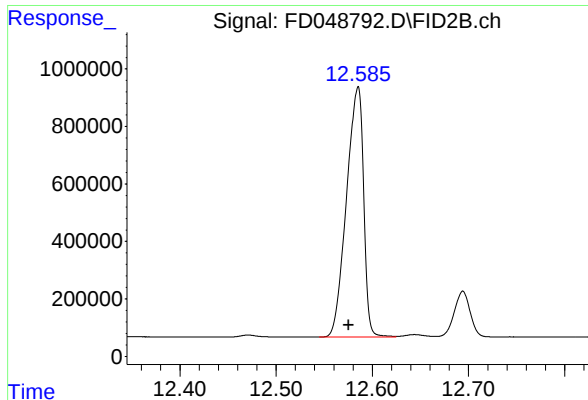
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: 0.006 min
Response: 8905805
Conc: 46.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.009 min
Response: 10678652
Conc: 58.31 ug/ml m



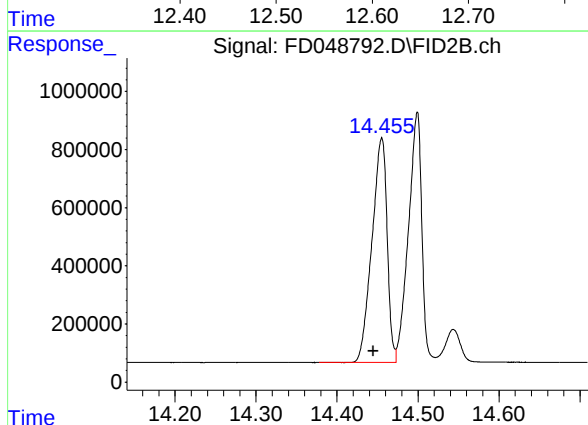
#13 Pyrene (C20.8)

R.T.: 12.584 min
Delta R.T.: 0.009 min
Response: 10645226
Conc: 58.88 ug/ml

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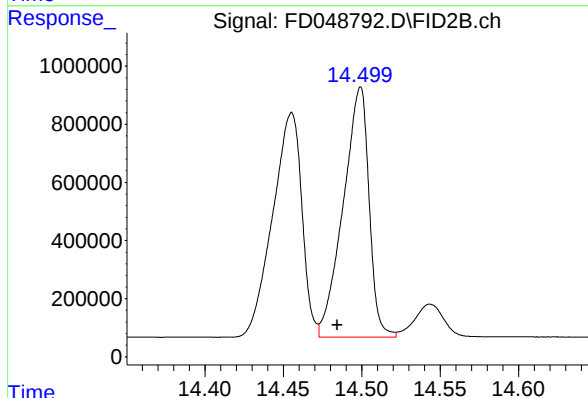
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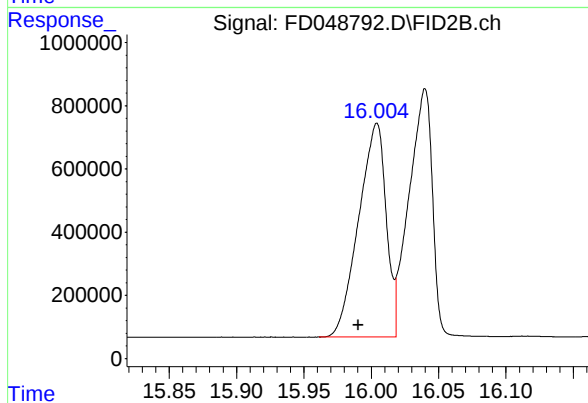
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.455 min
Delta R.T.: 0.010 min
Response: 10042404
Conc: 61.05 ug/ml



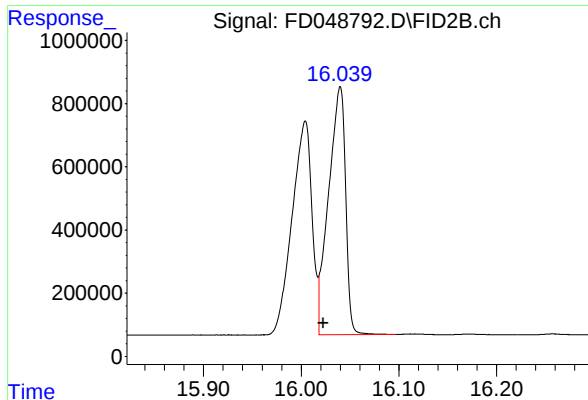
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: 0.014 min
Response: 9879334
Conc: 56.45 ug/ml



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

R.T.: 16.003 min
Delta R.T.: 0.013 min
Response: 9600114
Conc: 61.10 ug/ml



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

R.T.: 16.039 min
Delta R.T.: 0.017 min
Response: 9465142
Conc: 58.00 ug/ml

Instrument :

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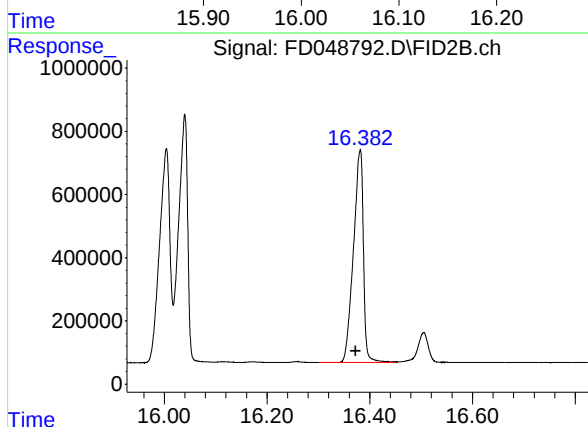
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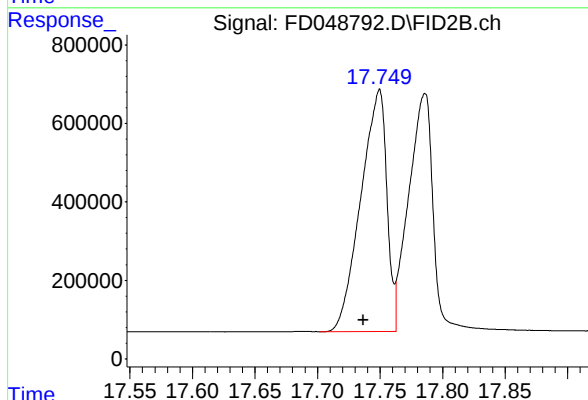
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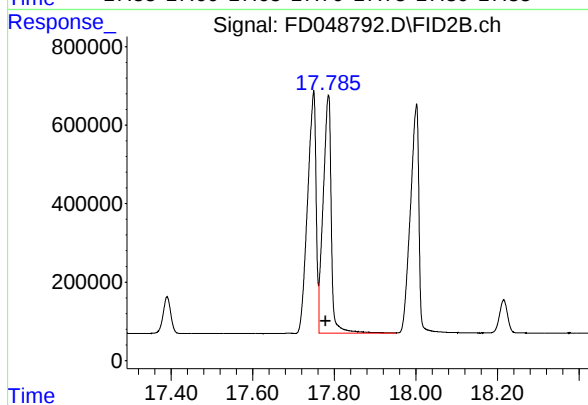
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: 0.008 min
Response: 9059847
Conc: 60.76 ug/ml



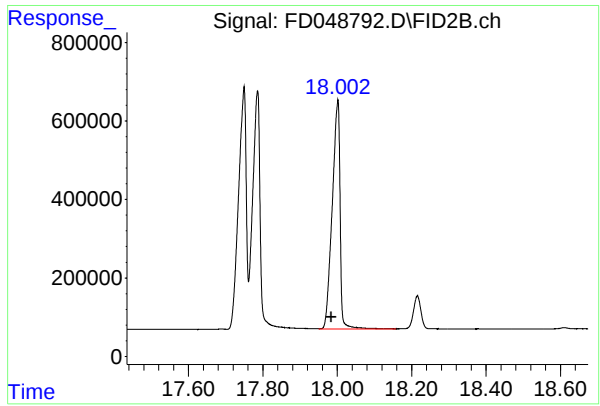
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: 0.012 min
Response: 8925743
Conc: 72.26 ug/ml



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

R.T.: 17.785 min
Delta R.T.: 0.006 min
Response: 8426796
Conc: 53.74 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.016 min
Response: 8570276
Conc: 60.06 ug/ml

Instrument :

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