

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112224AR\
 Data File : FD048807.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2024 15:09
 Operator : YP/AJ
 Sample : P4892-02MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WB-310-BOTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File: autoint1.e
 Quant Time: Nov 22 23:10:03 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	9192847	52.215 ug/ml
Spiked Amount 50.000		Recovery =	104.43%
6) S 2-Fluorobiphenyl (SURR)	8.218	5776105	50.153 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.31%
11) S ortho-Terphenyl (SURR)	11.254	6752416	35.107 ug/ml
Spiked Amount 50.000		Recovery =	70.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	7621930	40.443 ug/ml
2) T Naphthalene (C11.7)	5.707	8686067	44.413 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	8558761	44.785 ug/ml
5) T Acenaphthylene (C15.06)	8.021	10039064	51.767 ug/ml
7) T Acenaphthene (C15.5)	8.317	10673367	55.491 ug/ml
8) T Flouorene (C16.55)	9.096	10927265	56.957 ug/ml
9) T Phenanthrene (C19.36)	10.485	11265249	61.457 ug/ml
10) T Anthracene (C19.43)	10.561	11392677	60.836 ug/ml
12) T Fluoranthene (C21.85)	12.293	11434019	62.439 ug/mlm
13) T Pyrene (C20.8)	12.585	11288673	62.440 ug/ml
14) T Benzo[a]anthracene (C...	14.456	10738978	65.282 ug/ml
15) T Chrysene (C27.41)	14.501	10712809	61.211 ug/ml
16) T benzo[b]fluoranthene ...	16.006	10199560	64.917 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	10288816	63.046 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.383	9637935	64.642 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	9752350	78.947 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	9318588	59.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	9168571	64.257 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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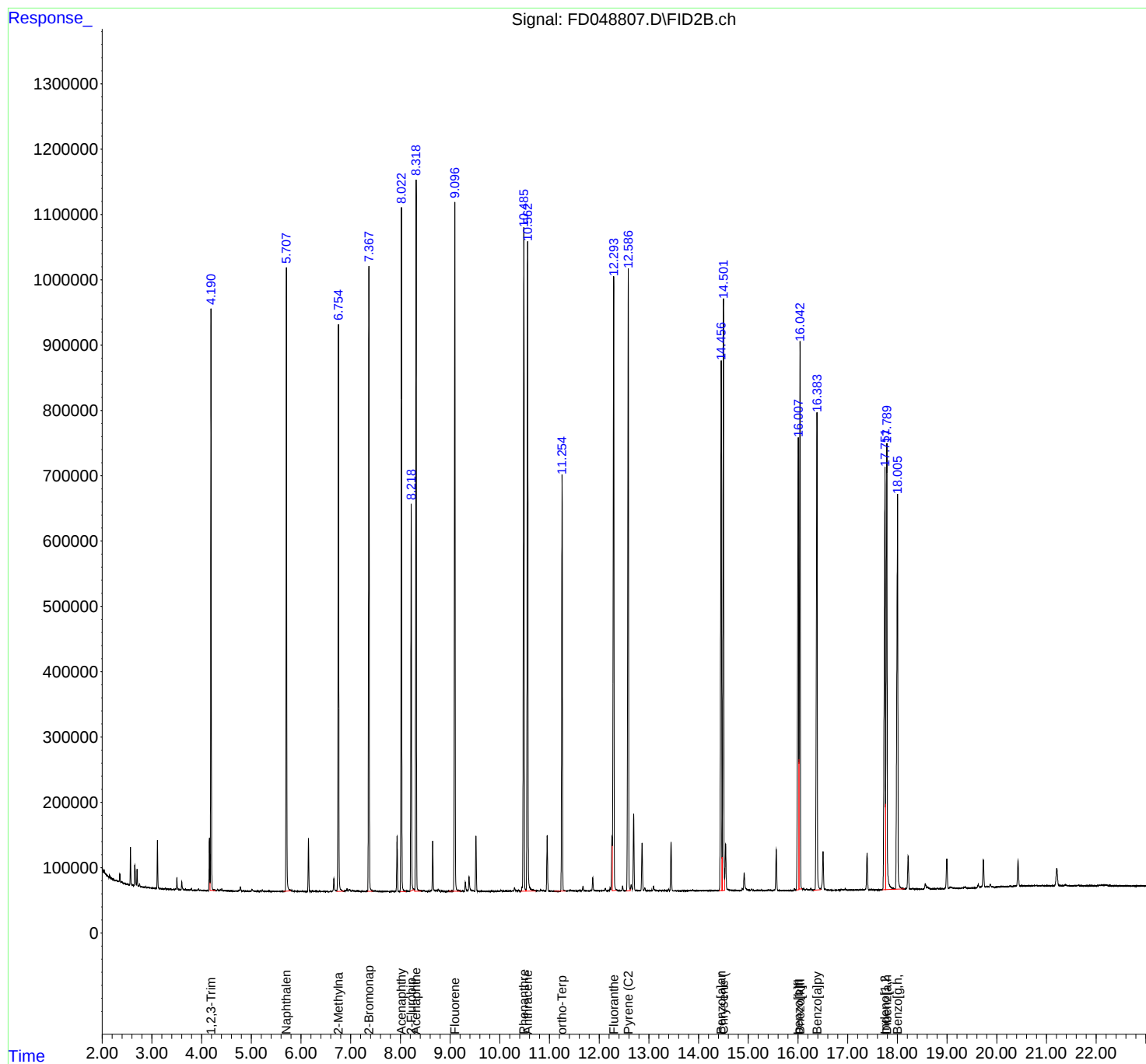
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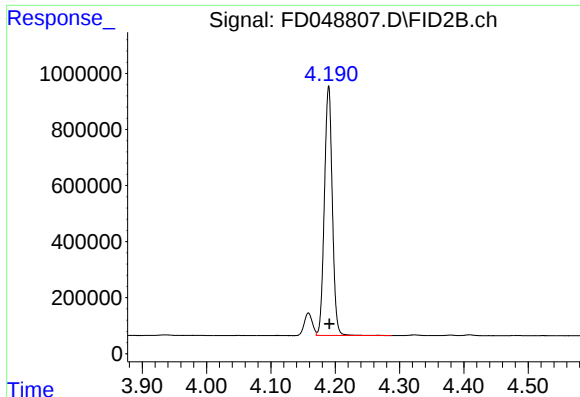
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.190 min
Delta R.T.: -0.001 min
Response: 7621930
Conc: 40.44 ug/ml

Instrument :

FID_D

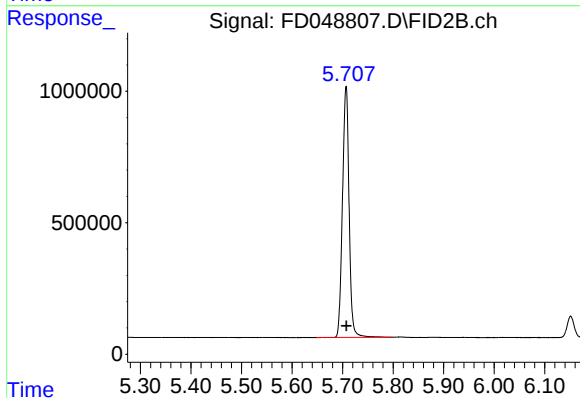
ClientSampleId :

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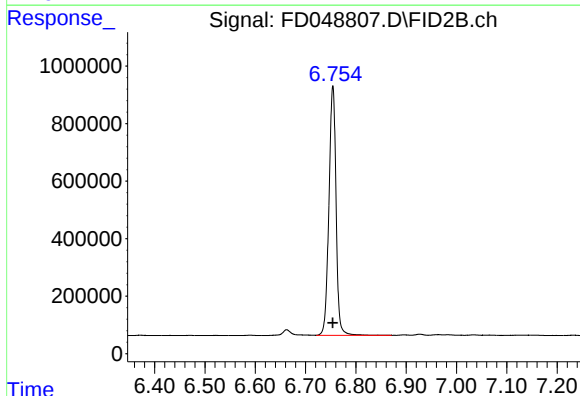
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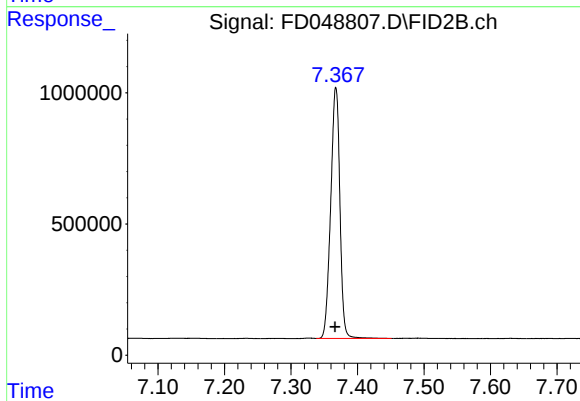
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 8686067
Conc: 44.41 ug/ml



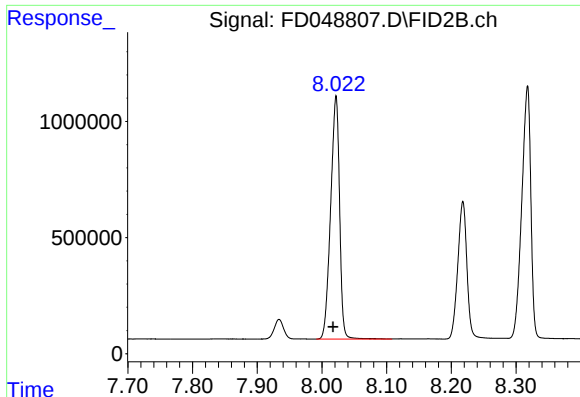
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 8558761
Conc: 44.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 9192847
Conc: 52.21 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: 0.004 min
Response: 10039064
Conc: 51.77 ug/ml

Instrument :

FID_D

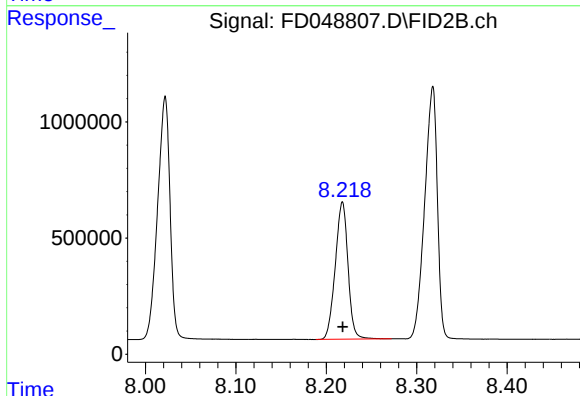
ClientSampleId :

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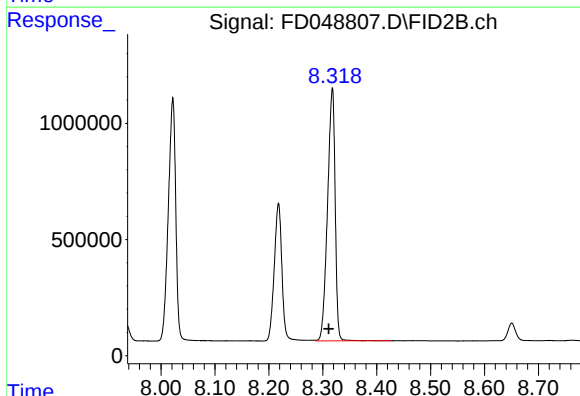
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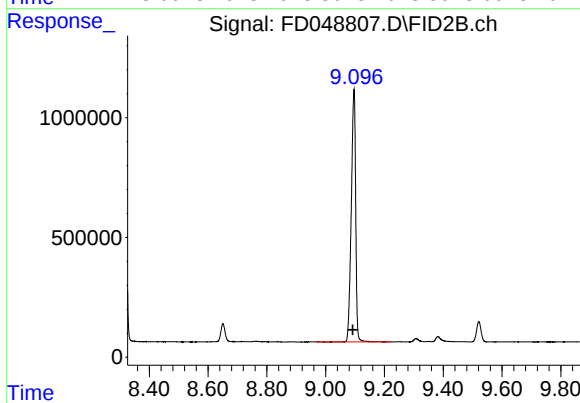
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 5776105
Conc: 50.15 ug/ml m



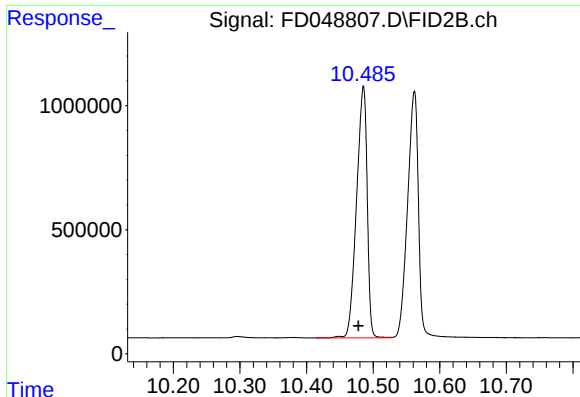
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: 0.006 min
Response: 10673367
Conc: 55.49 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.096 min
Delta R.T.: 0.004 min
Response: 10927265
Conc: 56.96 ug/ml



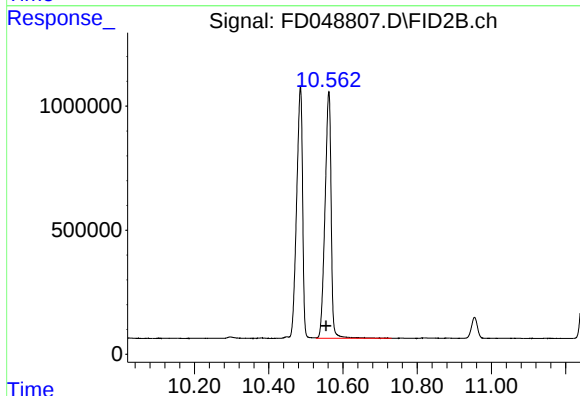
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: 0.007 min
Response: 11265249
Conc: 61.46 ug/ml

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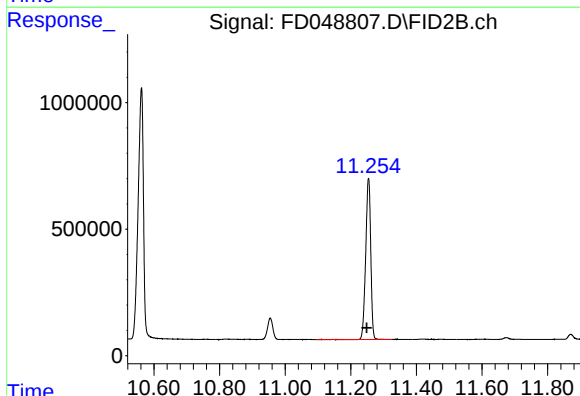
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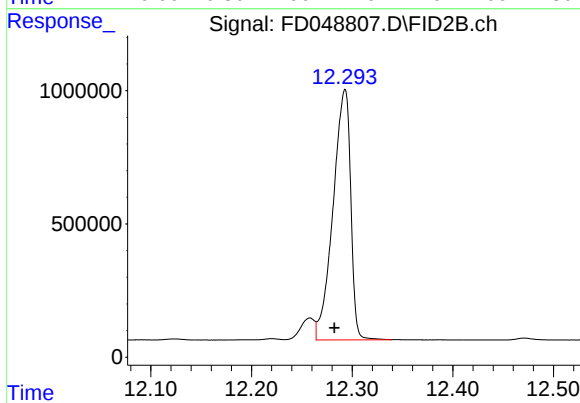
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.007 min
Response: 11392677
Conc: 60.84 ug/ml



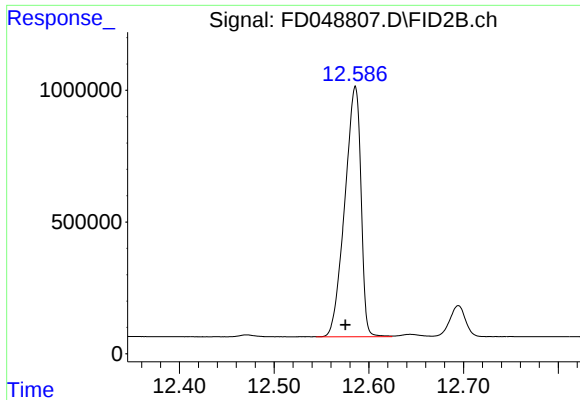
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: 0.005 min
Response: 6752416
Conc: 35.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.293 min
Delta R.T.: 0.010 min
Response: 11434019
Conc: 62.44 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.585 min
Delta R.T.: 0.010 min
Response: 11288673
Conc: 62.44 ug/ml

Instrument :

FID_D

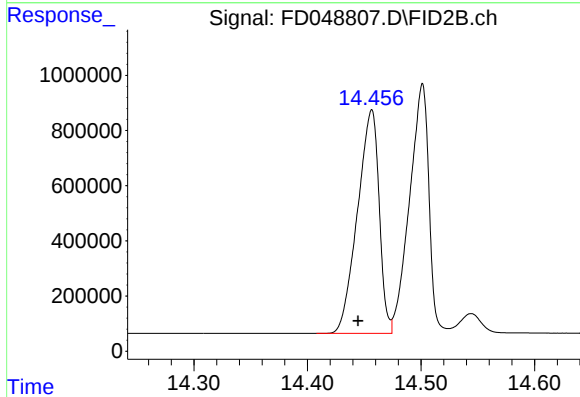
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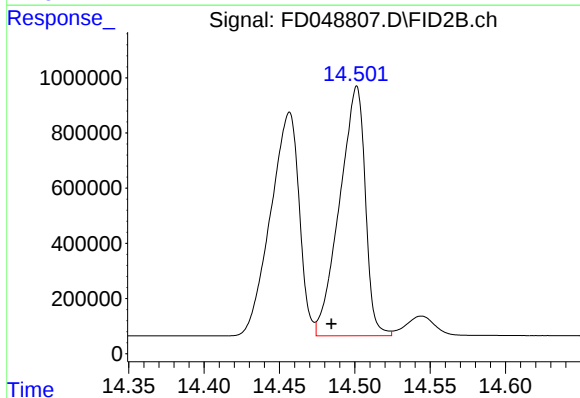
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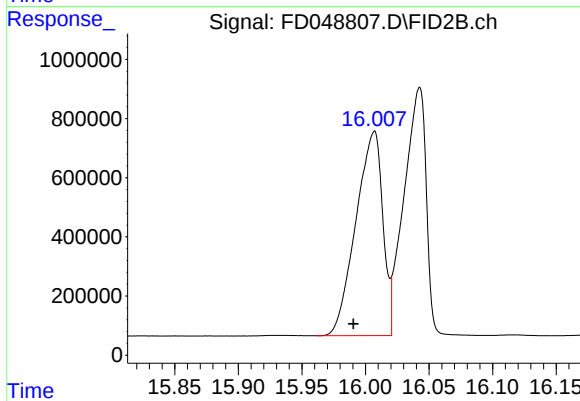
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.456 min
Delta R.T.: 0.011 min
Response: 10738978
Conc: 65.28 ug/ml



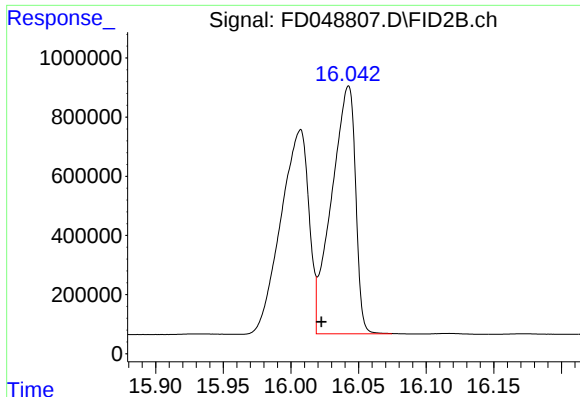
#15 Chrysene (C27.41)

R.T.: 14.501 min
Delta R.T.: 0.016 min
Response: 10712809
Conc: 61.21 ug/ml



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

R.T.: 16.006 min
Delta R.T.: 0.016 min
Response: 10199560
Conc: 64.92 ug/ml



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

R.T.: 16.042 min
Delta R.T.: 0.020 min
Response: 10288816
Conc: 63.05 ug/ml

Instrument :

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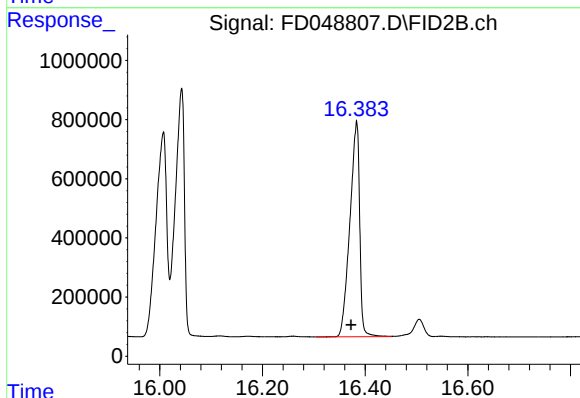
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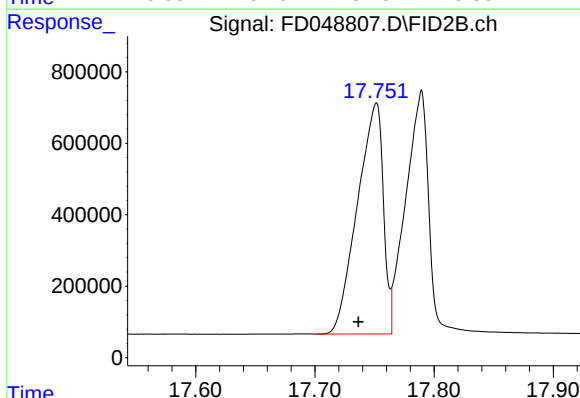
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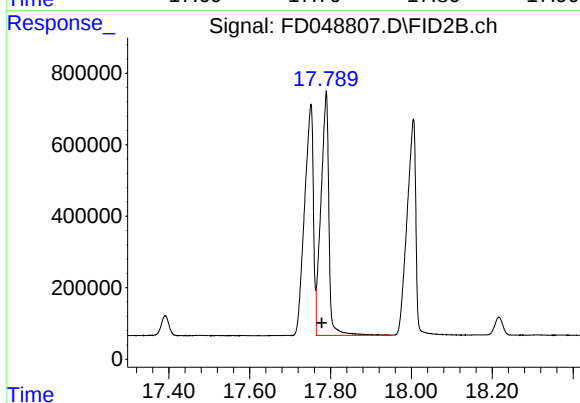
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.010 min
Response: 9637935
Conc: 64.64 ug/ml



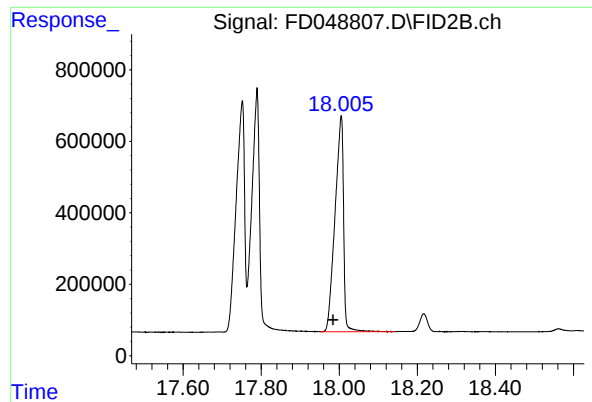
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: 0.014 min
Response: 9752350
Conc: 78.95 ug/ml



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

R.T.: 17.788 min
Delta R.T.: 0.010 min
Response: 9318588
Conc: 59.42 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.020 min
Response: 9168571
Conc: 64.26 ug/ml

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