

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048580.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 12:12
 Operator : YP/AJ
 Sample : PB164368BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164368BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e

Quant Time: Oct 25 01:32:35 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 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...	7.375	9353560	61.626 ug/ml
Spiked Amount 50.000		Recovery =	123.25%
6) S 2-Fluorobiphenyl (SURR)	8.225	6250050	63.651 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.30%
11) S ortho-Terphenyl (SURR)	11.262	8632075	50.676 ug/ml
Spiked Amount 50.000		Recovery =	101.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	7144043	41.064 ug/mlm
2) T Naphthalene (C11.7)	5.715	8243393	46.199 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	8132734	45.468 ug/ml
5) T Acenaphthylene (C15.06)	8.028	8670664	49.380 ug/ml
7) T Acenaphthene (C15.5)	8.324	9162505	51.660 ug/ml
8) T Flouorene (C16.55)	9.102	9413034	55.686 ug/ml
9) T Phenanthrene (C19.36)	10.490	9624345	58.221 ug/ml
10) T Anthracene (C19.43)	10.566	9784466	61.187 ug/ml
12) T Fluoranthene (C21.85)	12.296	9783915	59.449 ug/mlm
13) T Pyrene (C20.8)	12.589	10183123	63.219 ug/ml
14) T Benzo[a]anthracene (C...	14.458	9081317	62.109 ug/ml
15) T Chrysene (C27.41)	14.502	9189641	55.867 ug/ml
16) T benzo[b]fluoranthene ...	16.006	8929414	58.735 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	8882676	59.098 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	8526541	56.656 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	8958027	68.655 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	8642837	53.110 ug/ml
21) T Benzo[g,h,i]perylene ...	18.002	8234186	53.786 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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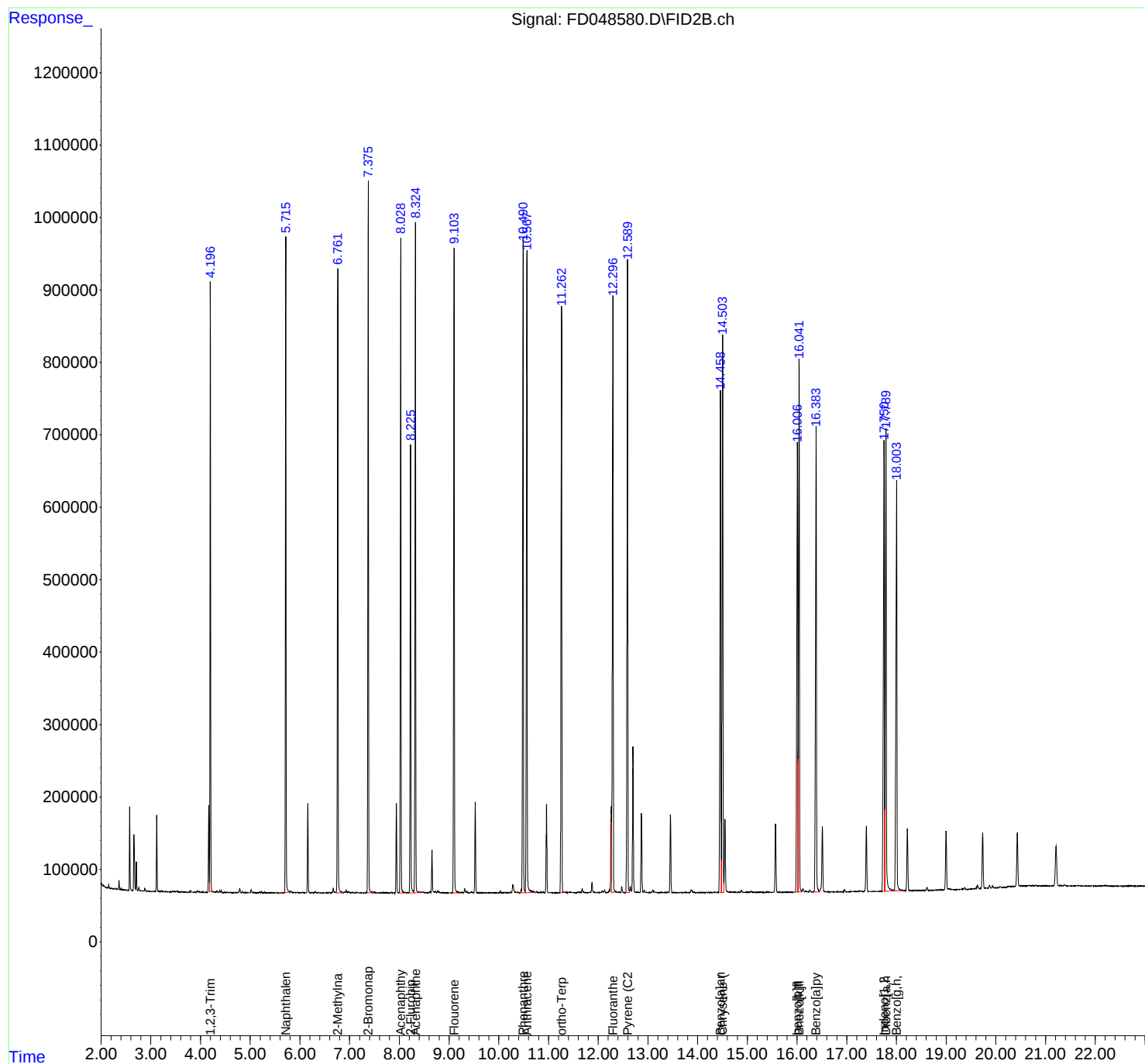
Response via : Initial Calibration

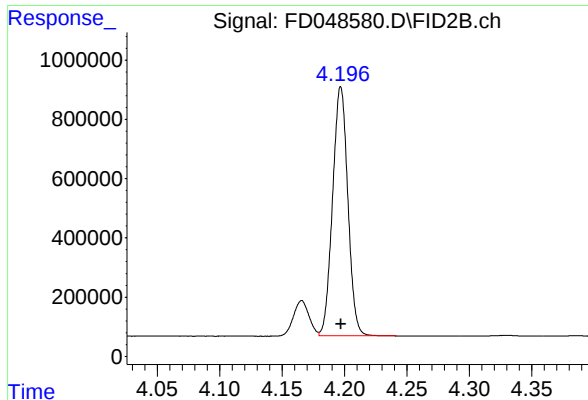
Integrator: ChemStation

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.: 4.196 min
Delta R.T.: 0.000 min
Response: 7144043
Conc: 41.06 ug/ml

Instrument :

FID_D

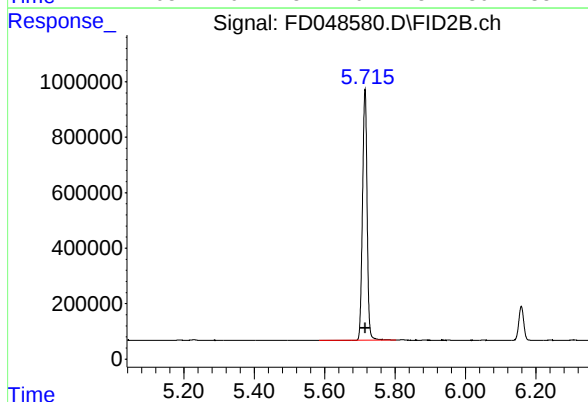
ClientSampleId :

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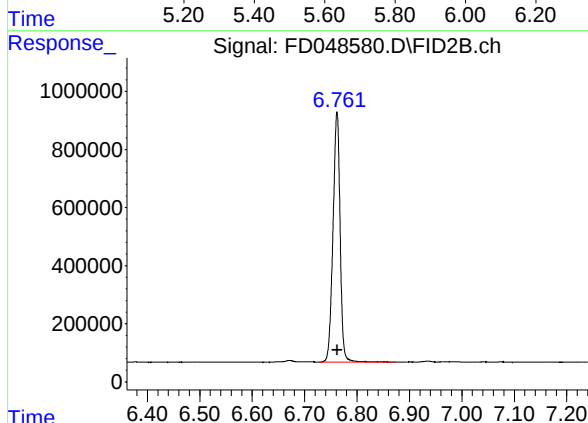
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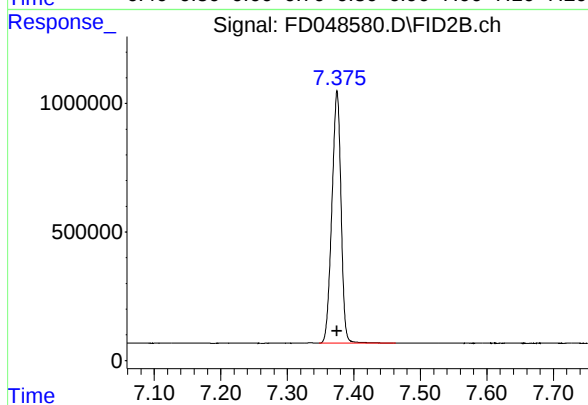
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: -0.001 min
Response: 8243393
Conc: 46.20 ug/ml



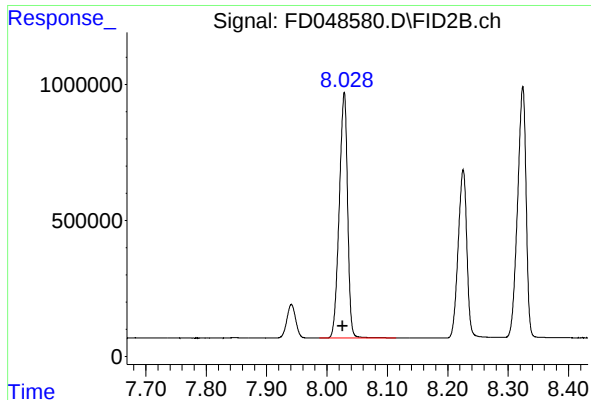
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 8132734
Conc: 45.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 9353560
Conc: 61.63 ug/ml



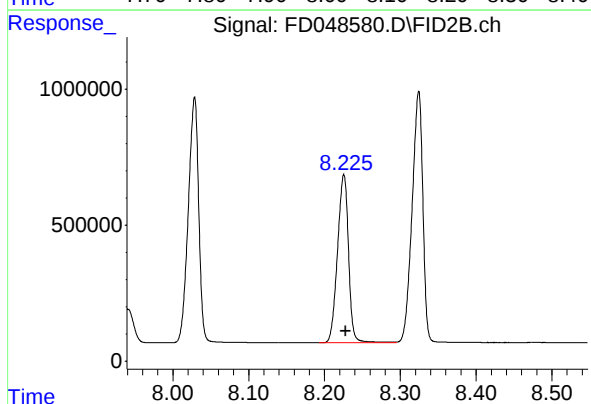
#5 Acenaphthylene (C15.06)

R.T.: 8.028 min
Delta R.T.: 0.002 min
Response: 8670664
Conc: 49.38 ug/ml

Instrument :
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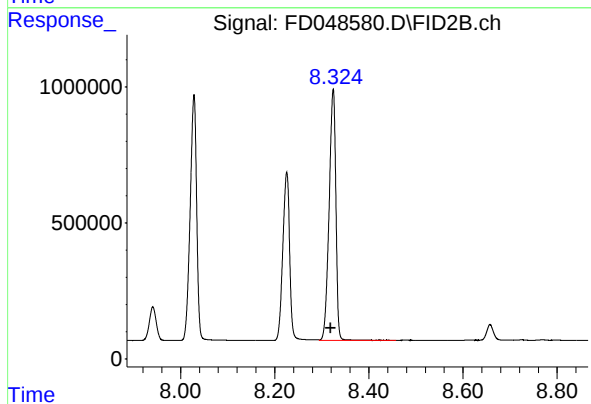
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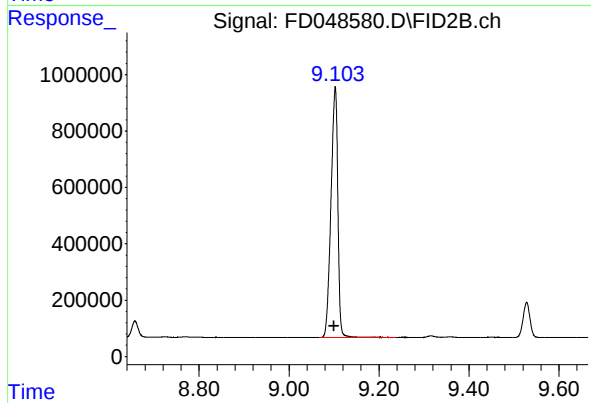
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 6250050
Conc: 63.65 ug/ml



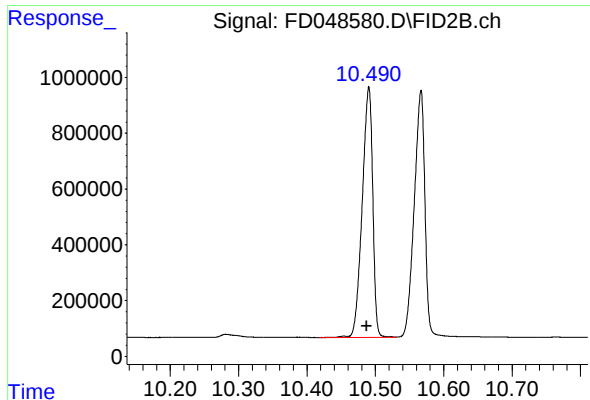
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: 0.005 min
Response: 9162505
Conc: 51.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.102 min
Delta R.T.: 0.002 min
Response: 9413034
Conc: 55.69 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.490 min
Delta R.T.: 0.003 min
Response: 9624345
Conc: 58.22 ug/ml

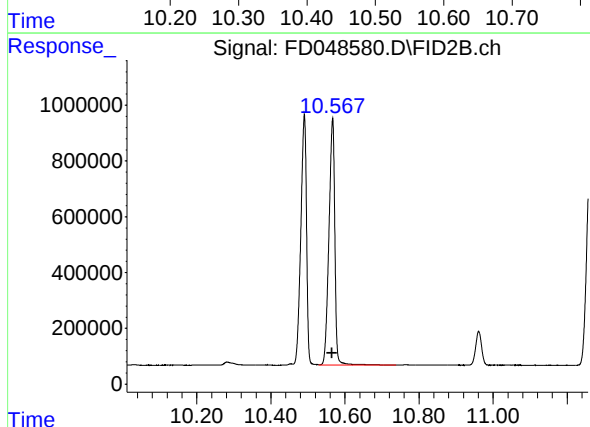
Instrument :

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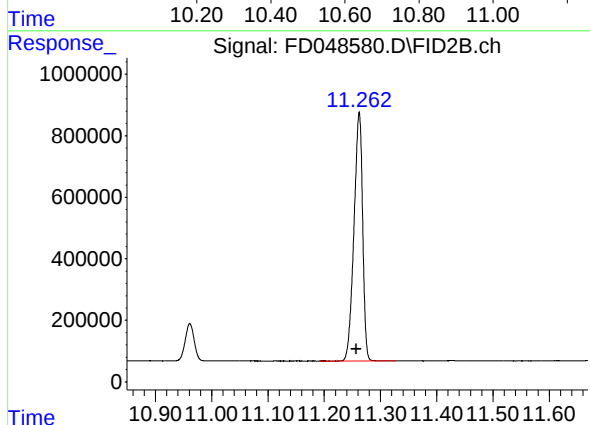
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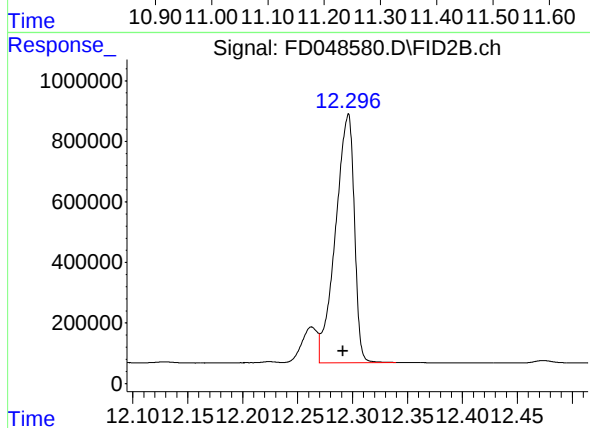
#10 Anthracene (C19.43)

R.T.: 10.566 min
Delta R.T.: 0.002 min
Response: 9784466
Conc: 61.19 ug/ml



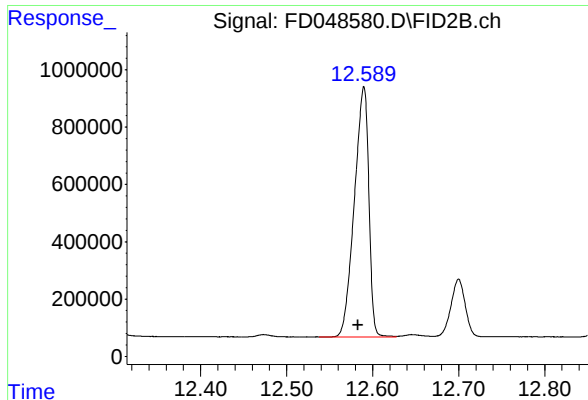
#11 ortho-Terphenyl (SURR)

R.T.: 11.262 min
Delta R.T.: 0.005 min
Response: 8632075
Conc: 50.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.296 min
Delta R.T.: 0.005 min
Response: 9783915
Conc: 59.45 ug/ml m



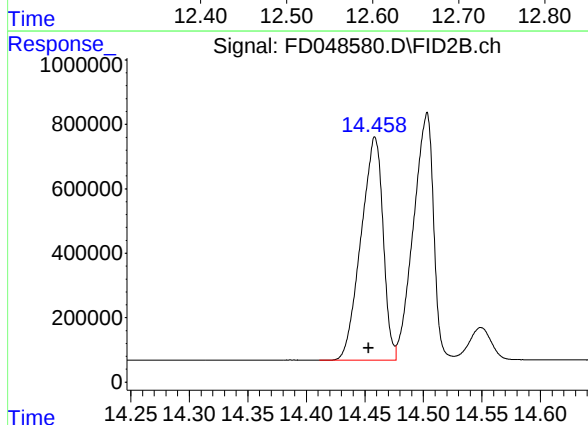
#13 Pyrene (C20.8)

R.T.: 12.589 min
Delta R.T.: 0.006 min
Response: 10183123
Conc: 63.22 ug/ml

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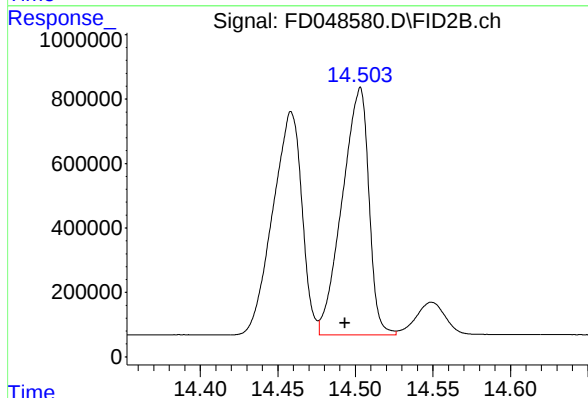
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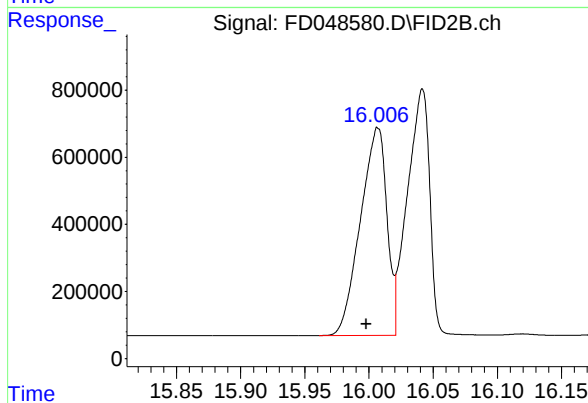
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: 0.005 min
Response: 9081317
Conc: 62.11 ug/ml



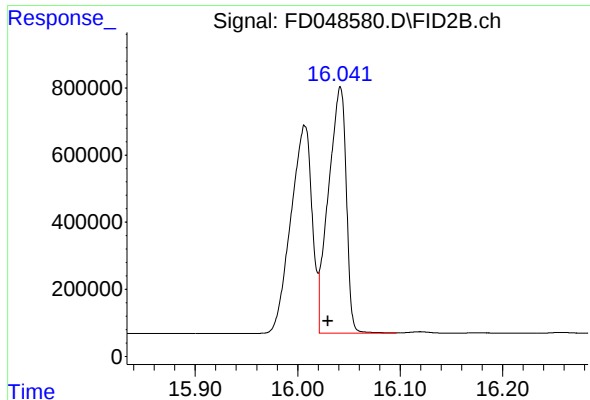
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.009 min
Response: 9189641
Conc: 55.87 ug/ml



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

R.T.: 16.006 min
Delta R.T.: 0.008 min
Response: 8929414
Conc: 58.73 ug/ml



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

R.T.: 16.041 min
Delta R.T.: 0.011 min
Response: 8882676
Conc: 59.10 ug/ml

Instrument :

FID_D

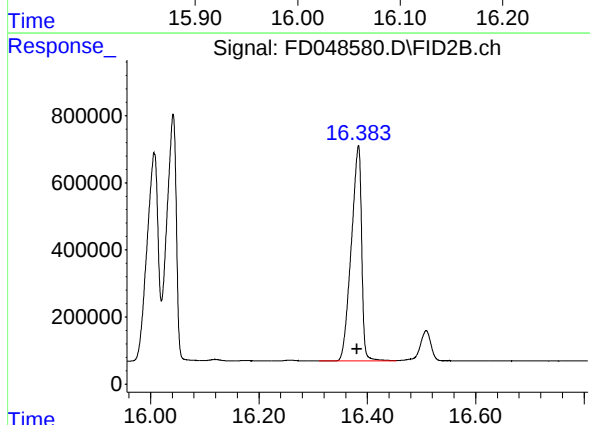
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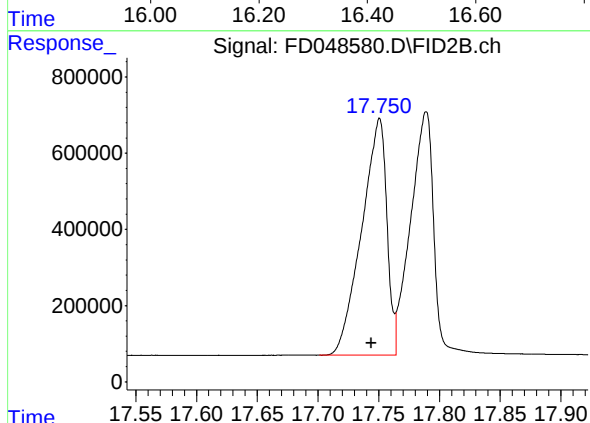
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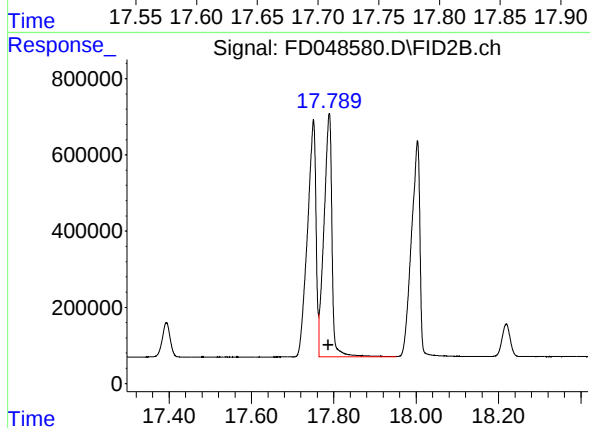
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.002 min
Response: 8526541
Conc: 56.66 ug/ml



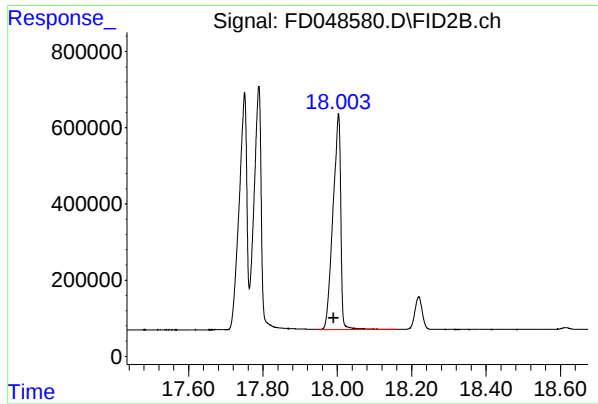
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: 0.006 min
Response: 8958027
Conc: 68.66 ug/ml



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

R.T.: 17.788 min
Delta R.T.: 0.001 min
Response: 8642837
Conc: 53.11 ug/ml



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

R.T.: 18.002 min
Delta R.T.: 0.013 min
Response: 8234186
Conc: 53.79 ug/ml

Instrument :

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