

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080924AR\
 Data File : FD048201.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2024 22:33
 Operator : YP/AJ
 Sample : P3478-03
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

TS04MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2024

Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e

Quant Time: Aug 10 05:05:08 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M

Quant Title : GC Extractables

QLast Update : Mon Jul 15 13:13:15 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...	7.399	7396285	49.765 ug/ml
Spiked Amount 50.000		Recovery =	99.53%
6) S 2-Fluorobiphenyl (SURR)	8.250	4763893	50.337 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.67%
11) S ortho-Terphenyl (SURR)	11.288	8206410	49.047 ug/ml
Spiked Amount 50.000		Recovery =	98.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	5410152	32.308 ug/ml
2) T Naphthalene (C11.7)	5.738	5870726	33.971 ug/ml
3) T 2-Methylnaphthalene (...)	6.785	5883156	33.914 ug/ml
5) T Acenaphthylene (C15.06)	8.053	5944882	34.690 ug/ml
7) T Acenaphthene (C15.5)	8.347	5873430	33.857 ug/ml
8) T Flouorene (C16.55)	9.125	5765607	35.498 ug/ml
9) T Phenanthrene (C19.36)	10.514	5629987	35.450 ug/ml
10) T Anthracene (C19.43)	10.589	5514858	34.926 ug/ml
12) T Fluoranthene (C21.85)	12.319	5667478	35.795 ug/ml
13) T Pyrene (C20.8)	12.612	5647961	35.717 ug/ml
14) T Benzo[a]anthracene (C...	14.481	5139641	37.645 ug/ml
15) T Chrysene (C27.41)	14.523	5048870	31.320 ug/ml
16) T benzo[b]fluoranthene ...	16.028	5131689	35.653 ug/ml
17) T Bnezo[k]fluoranthene ...	16.061	5127316	34.329 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.403	5019601	35.440 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.769	5075096	44.998 ug/mlm
20) T Dibenz[a,h]anthracene...	17.806	4791838	32.971 ug/ml
21) T Benzo[g,h,i]perylene ...	18.018	4839160	32.837 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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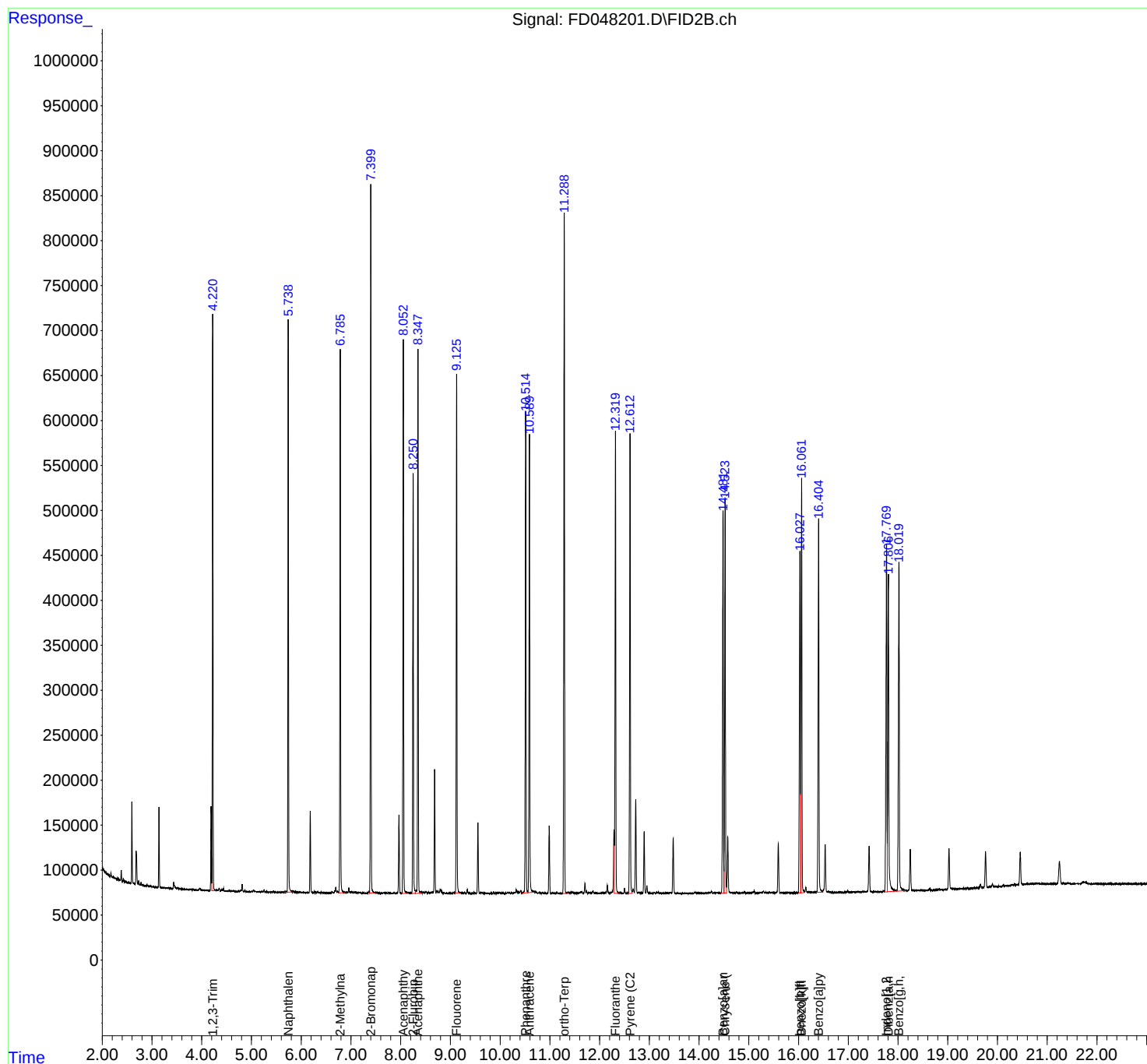
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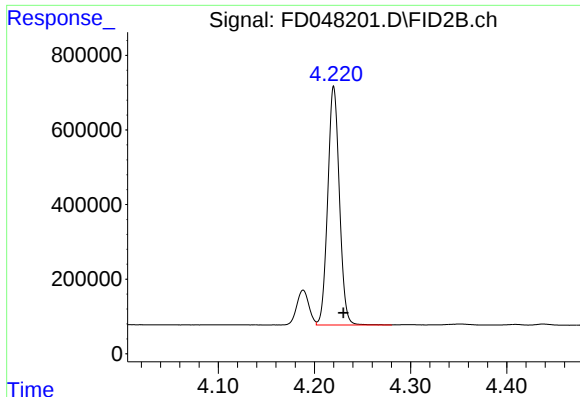
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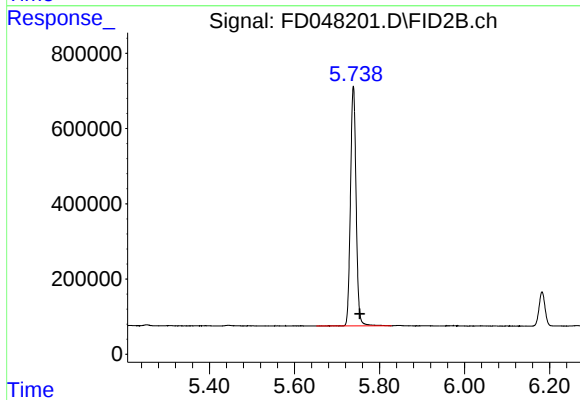
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.010 min
Response: 5410152
Conc: 32.31 ug/ml

Instrument :
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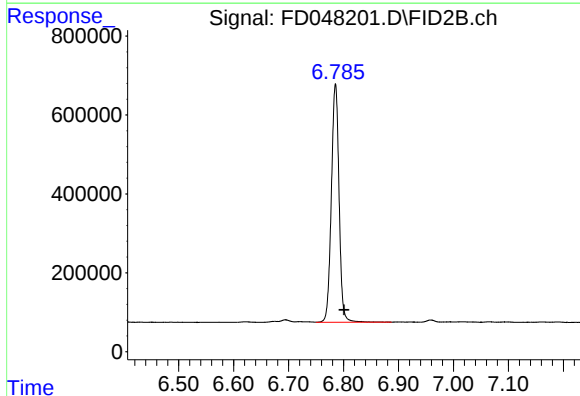
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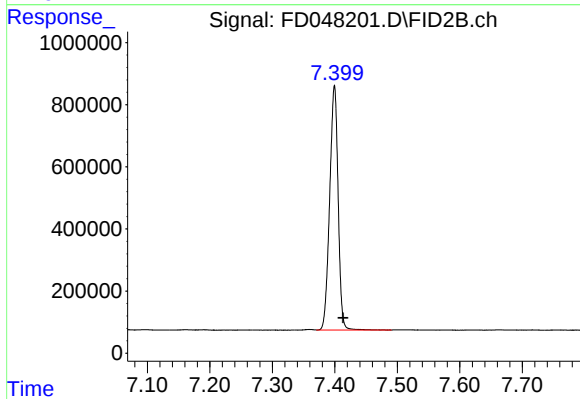
#2 Naphthalene (C11.7)

R.T.: 5.738 min
Delta R.T.: -0.015 min
Response: 5870726
Conc: 33.97 ug/ml



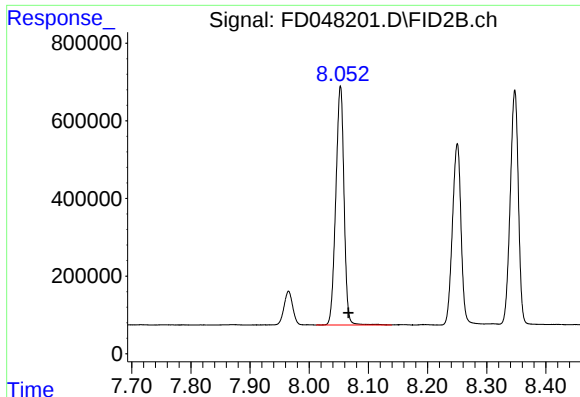
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.785 min
Delta R.T.: -0.016 min
Response: 5883156
Conc: 33.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.399 min
Delta R.T.: -0.014 min
Response: 7396285
Conc: 49.76 ug/ml



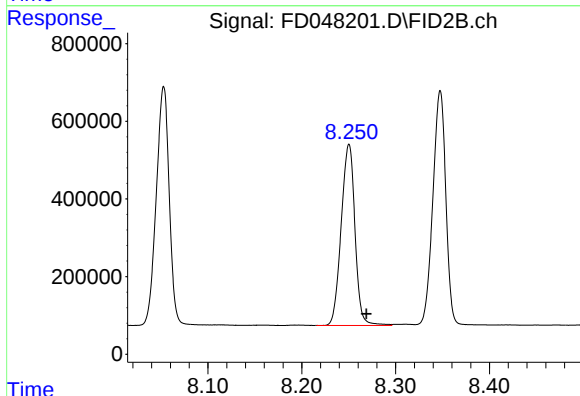
#5 Acenaphthylene (C15.06)

R.T.: 8.053 min
Delta R.T.: -0.014 min
Response: 5944882
Conc: 34.69 ug/ml

Instrument :
FID_D
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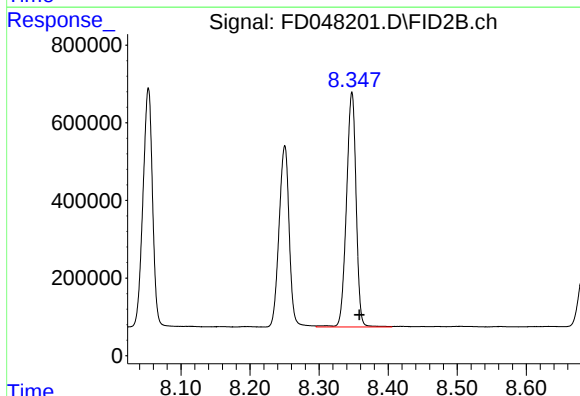
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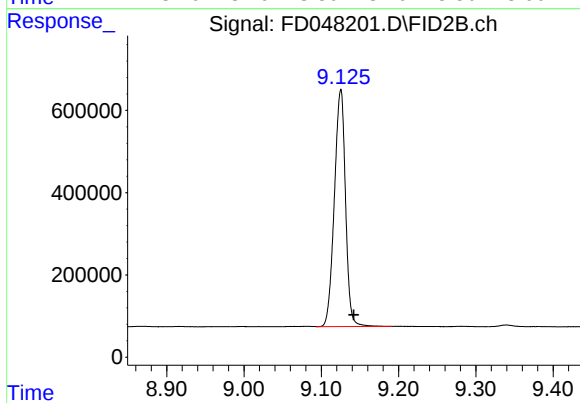
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.250 min
Delta R.T.: -0.019 min
Response: 4763893
Conc: 50.34 ug/ml



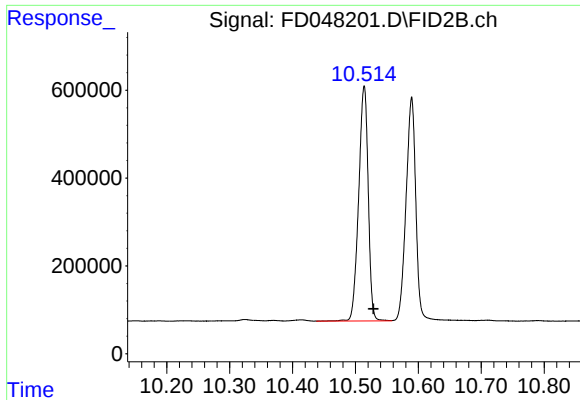
#7 Acenaphthene (C15.5)

R.T.: 8.347 min
Delta R.T.: -0.011 min
Response: 5873430
Conc: 33.86 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.125 min
Delta R.T.: -0.017 min
Response: 5765607
Conc: 35.50 ug/ml



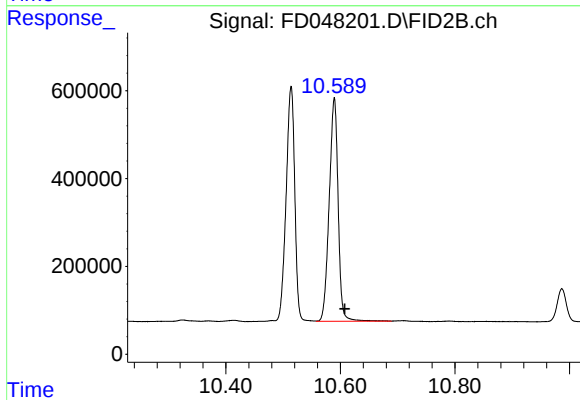
#9 Phenanthrene (C19.36)

R.T.: 10.514 min
Delta R.T.: -0.015 min
Response: 5629987
Conc: 35.45 ug/ml

Instrument :
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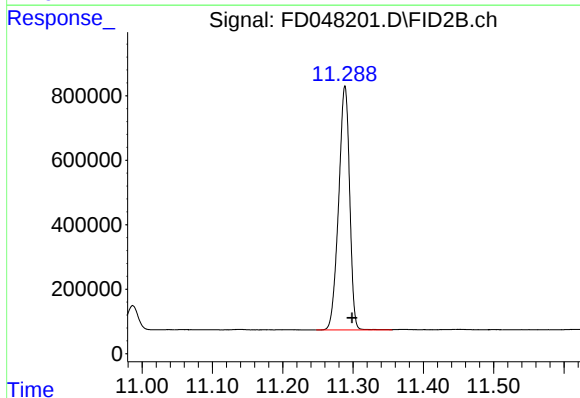
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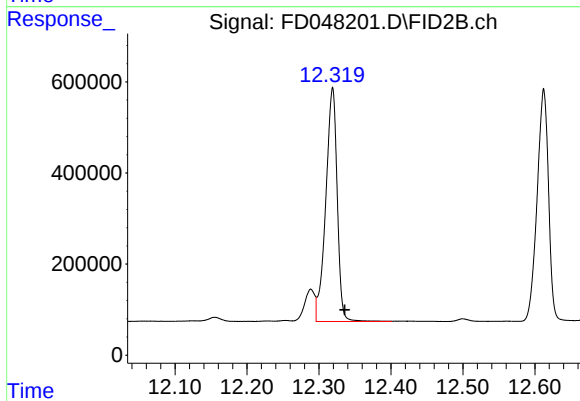
#10 Anthracene (C19.43)

R.T.: 10.589 min
Delta R.T.: -0.018 min
Response: 5514858
Conc: 34.93 ug/ml



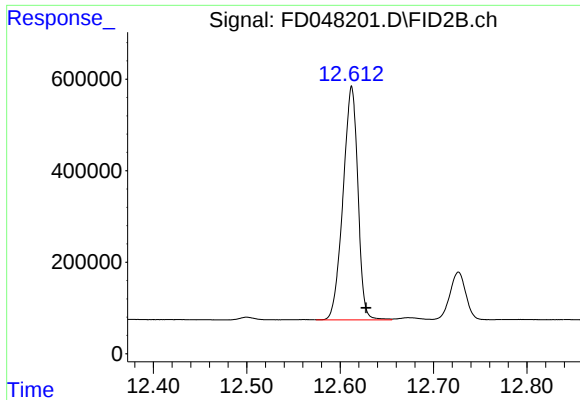
#11 ortho-Terphenyl (SURR)

R.T.: 11.288 min
Delta R.T.: -0.010 min
Response: 8206410
Conc: 49.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.319 min
Delta R.T.: -0.017 min
Response: 5667478
Conc: 35.79 ug/ml



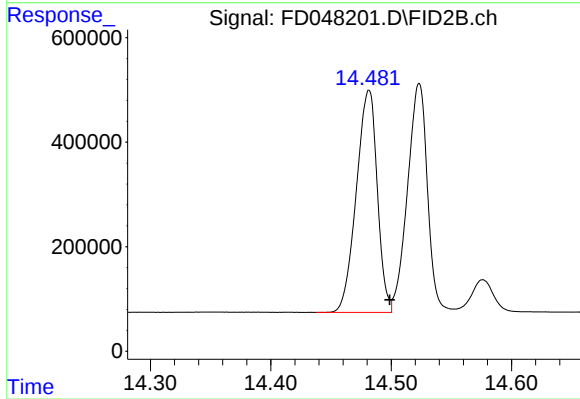
#13 Pyrene (C20.8)

R.T.: 12.612 min
Delta R.T.: -0.016 min
Response: 5647961
Conc: 35.72 ug/ml

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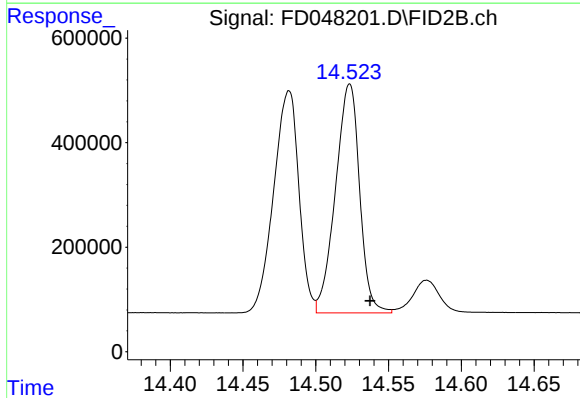
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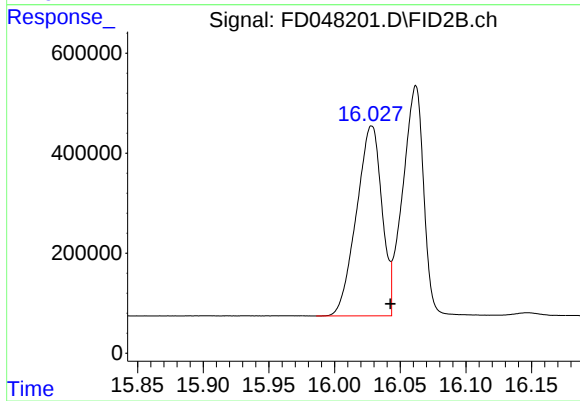
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.481 min
Delta R.T.: -0.018 min
Response: 5139641
Conc: 37.65 ug/ml



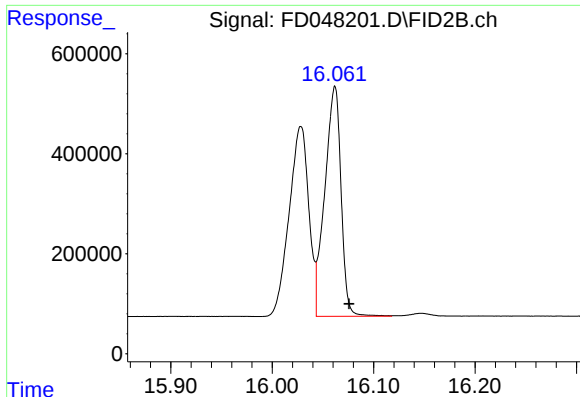
#15 Chrysene (C27.41)

R.T.: 14.523 min
Delta R.T.: -0.014 min
Response: 5048870
Conc: 31.32 ug/ml



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

R.T.: 16.028 min
Delta R.T.: -0.015 min
Response: 5131689
Conc: 35.65 ug/ml



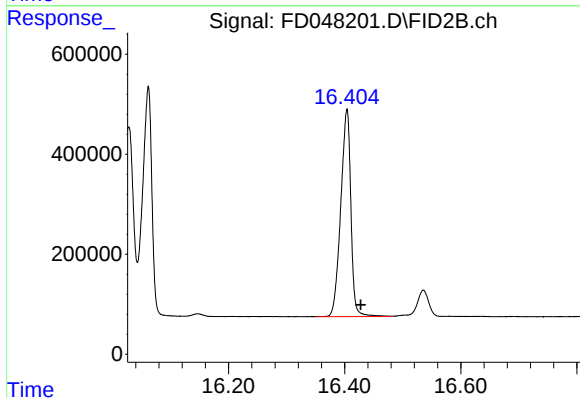
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.061 min
Delta R.T.: -0.015 min
Response: 5127316
Conc: 34.33 ug/ml

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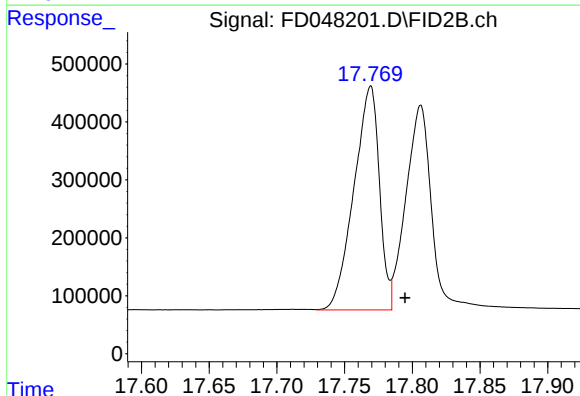
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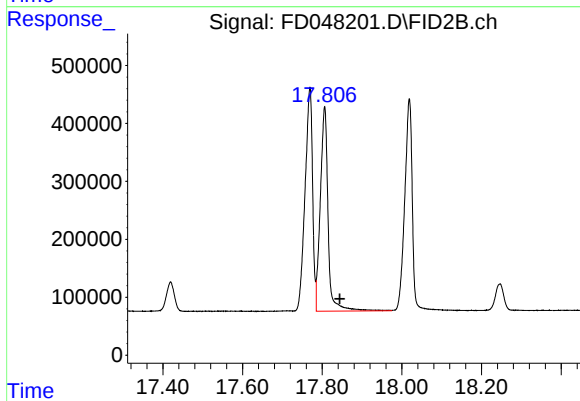
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.403 min
Delta R.T.: -0.024 min
Response: 5019601
Conc: 35.44 ug/ml



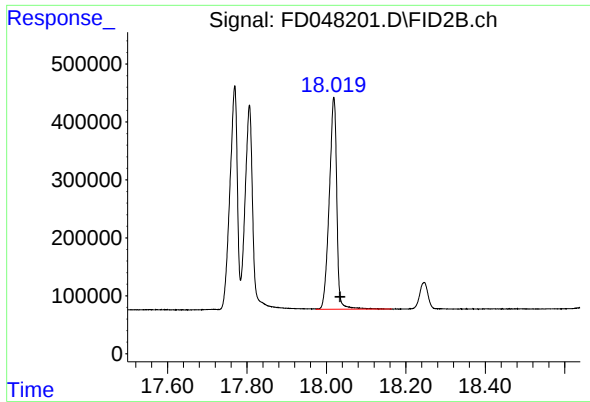
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.769 min
Delta R.T.: -0.025 min
Response: 5075096
Conc: 45.00 ug/ml m



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

R.T.: 17.806 min
Delta R.T.: -0.038 min
Response: 4791838
Conc: 32.97 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.016 min
Response: 4839160
Conc: 32.84 ug/ml

Instrument :

FID_D

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