

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060524AR\
 Data File : FD047867.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jun 2024 17:02
 Operator : YP/AJ
 Sample : PB161326BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB161326BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/06/2024

Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e

Quant Time: Jun 06 03:49:50 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M

Quant Title : GC Extractables

QLast Update : Tue May 21 19:00:48 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...	7.432	6316459	44.992 ug/ml
Spiked Amount 50.000		Recovery =	89.98%
6) S 2-Fluorobiphenyl (SURR)	8.285	3777286	40.786 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.57%
11) S ortho-Terphenyl (SURR)	11.325	5862281	36.665 ug/ml
Spiked Amount 50.000		Recovery =	73.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.248	5295051	33.526 ug/ml
2) T Naphthalene (C11.7)	5.771	6149892	37.677 ug/ml
3) T 2-Methylnaphthalene (...)	6.820	6402697	38.856 ug/ml
5) T Acenaphthylene (C15.06)	8.088	6685784	40.905 ug/ml
7) T Acenaphthene (C15.5)	8.383	6565385	40.209 ug/ml
8) T Flouorene (C16.55)	9.163	6667699	42.384 ug/ml
9) T Phenanthrene (C19.36)	10.553	6845931	44.395 ug/ml
10) T Anthracene (C19.43)	10.628	6807614	45.283 ug/ml
12) T Fluoranthene (C21.85)	12.360	7284768	48.004 ug/ml
13) T Pyrene (C20.8)	12.654	7134461	47.325 ug/ml
14) T Benzo[a]anthracene (C...	14.524	6474028	47.227 ug/mlm
15) T Chrysene (C27.41)	14.567	6684870	45.377 ug/ml
16) T benzo[b]fluoranthene ...	16.072	6731130	47.826 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.107	6509943	47.804 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	6185101	44.685 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	5831092	50.581 ug/mlm
20) T Dibenz[a,h]anthracene...	17.852	5611644	42.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	5713411	42.962 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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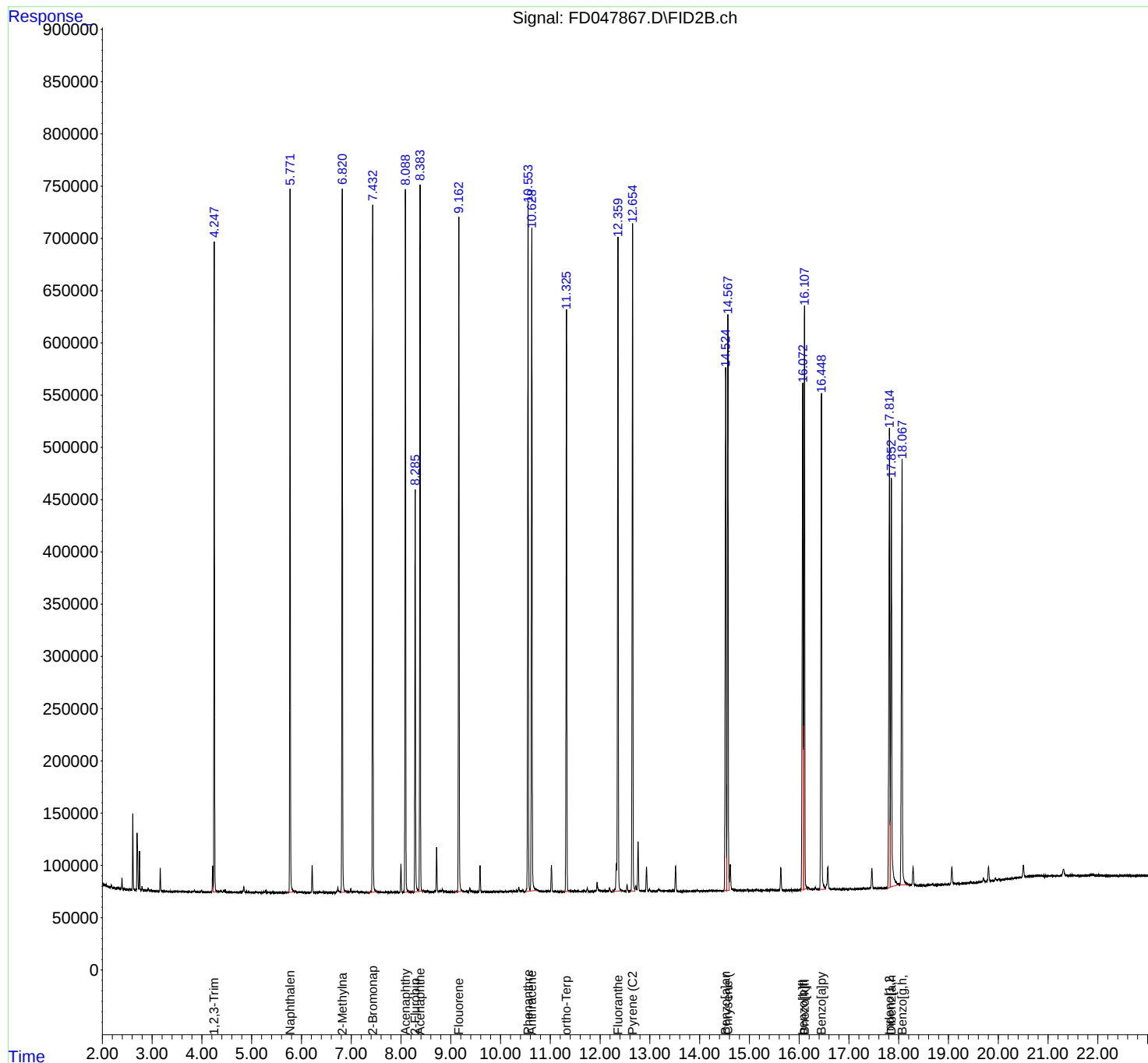
Response via : Initial Calibration

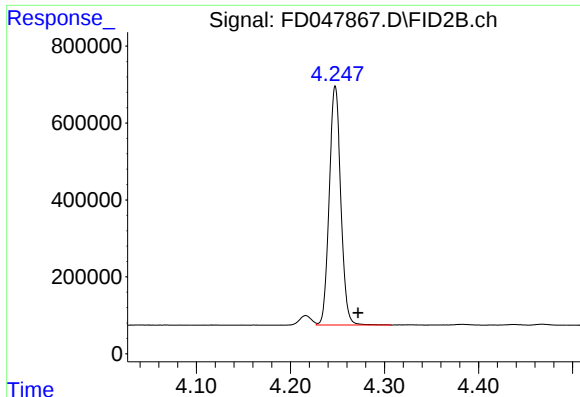
Integrator: ChemStation

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.: 4.248 min
Delta R.T.: -0.024 min
Response: 5295051
Conc: 33.53 ug/ml

Instrument :

FID_D

ClientSampleId :

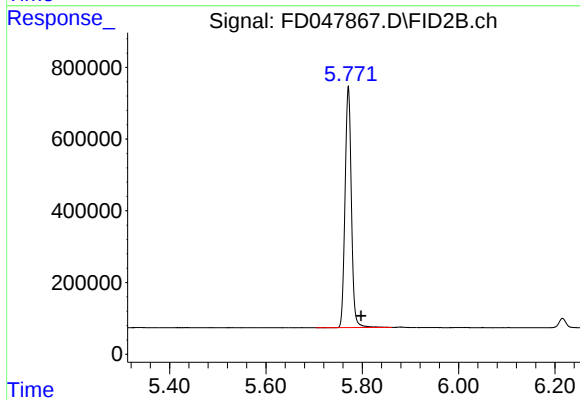
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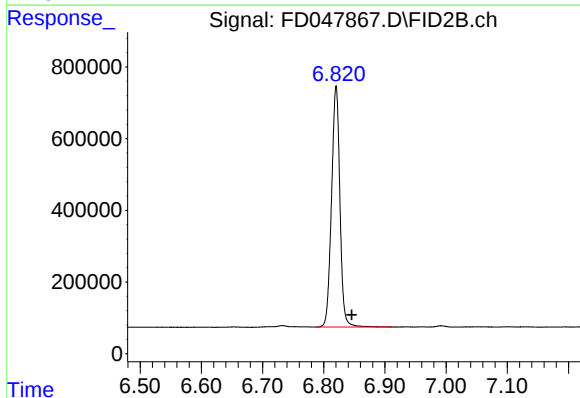
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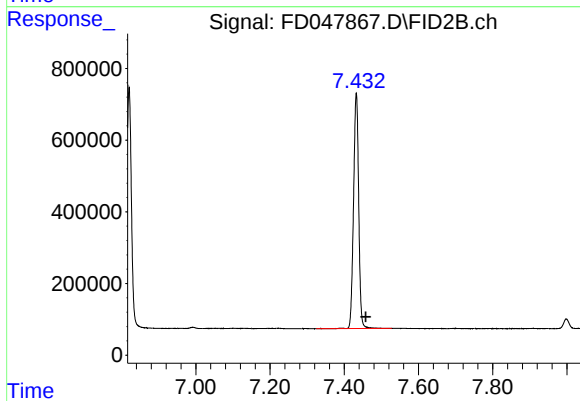
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.026 min
Response: 6149892
Conc: 37.68 ug/ml



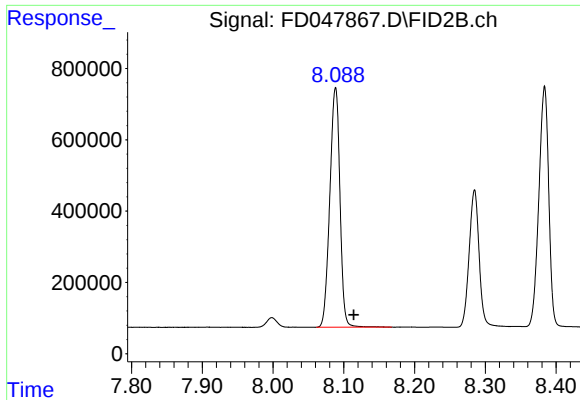
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.820 min
Delta R.T.: -0.026 min
Response: 6402697
Conc: 38.86 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.432 min
Delta R.T.: -0.026 min
Response: 6316459
Conc: 44.99 ug/ml



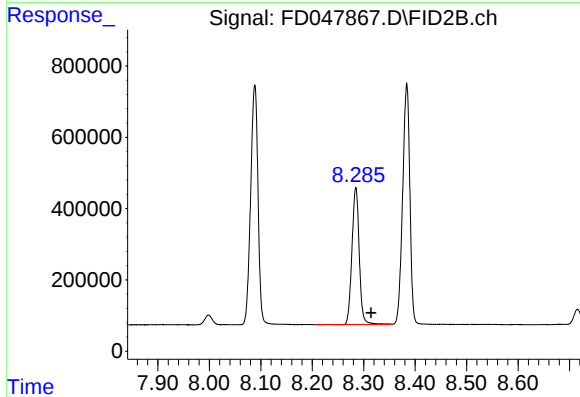
#5 Acenaphthylene (C15.06)

R.T.: 8.088 min
Delta R.T.: -0.026 min
Response: 6685784
Conc: 40.91 ug/ml

Instrument :
FID_D
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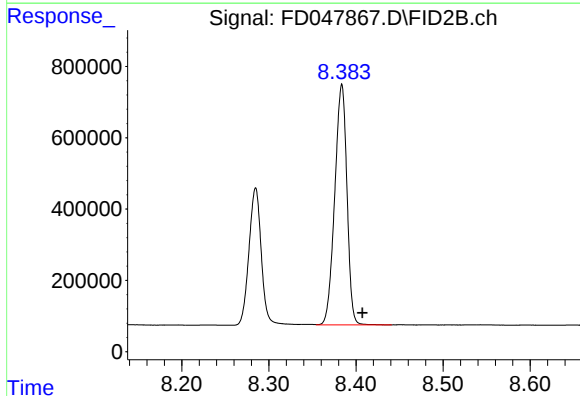
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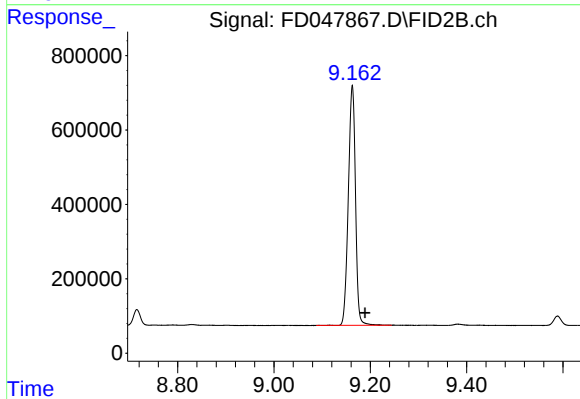
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.285 min
Delta R.T.: -0.029 min
Response: 3777286
Conc: 40.79 ug/ml



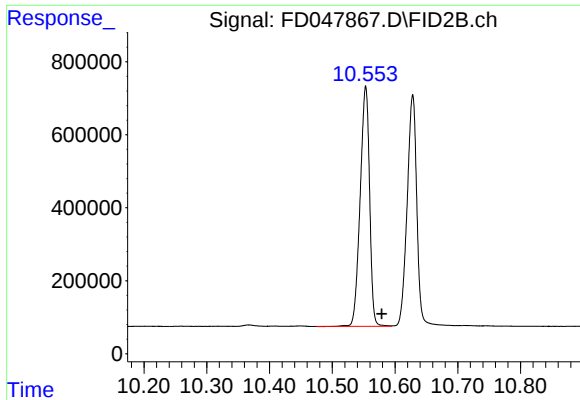
#7 Acenaphthene (C15.5)

R.T.: 8.383 min
Delta R.T.: -0.024 min
Response: 6565385
Conc: 40.21 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.163 min
Delta R.T.: -0.026 min
Response: 6667699
Conc: 42.38 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.553 min
Delta R.T.: -0.026 min
Response: 6845931
Conc: 44.39 ug/ml

Instrument :

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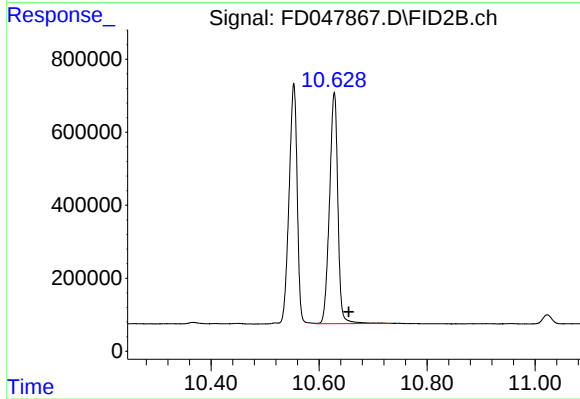
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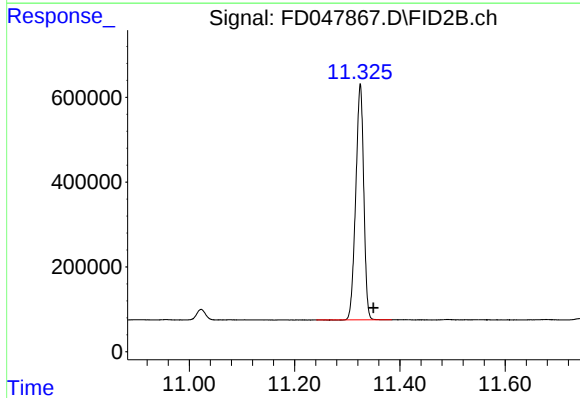
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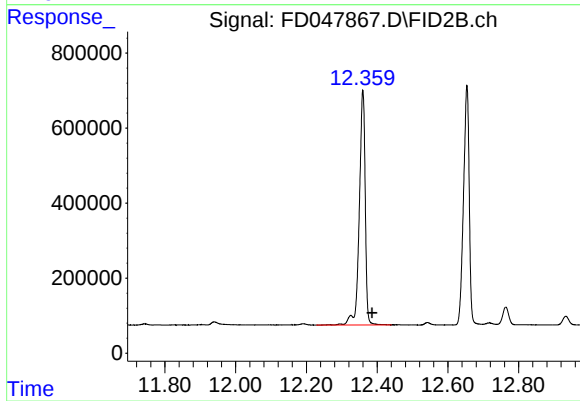
#10 Anthracene (C19.43)

R.T.: 10.628 min
Delta R.T.: -0.027 min
Response: 6807614
Conc: 45.28 ug/ml



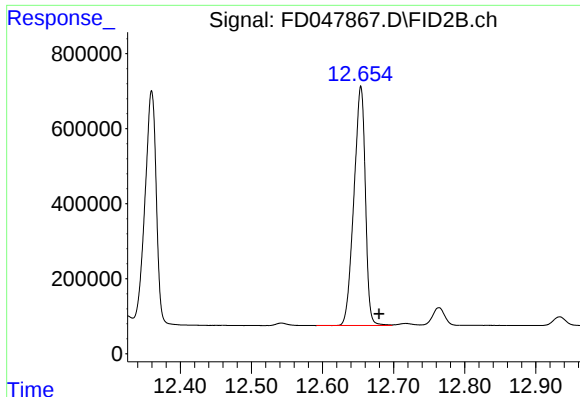
#11 ortho-Terphenyl (SURR)

R.T.: 11.325 min
Delta R.T.: -0.025 min
Response: 5862281
Conc: 36.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.360 min
Delta R.T.: -0.027 min
Response: 7284768
Conc: 48.00 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.654 min
Delta R.T.: -0.026 min
Response: 7134461
Conc: 47.32 ug/ml

Instrument :

FID_D

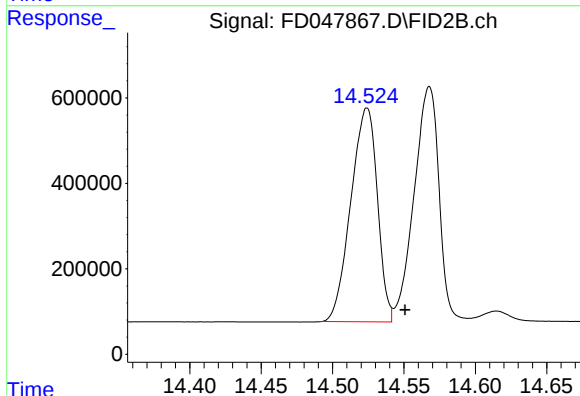
ClientSampleId :

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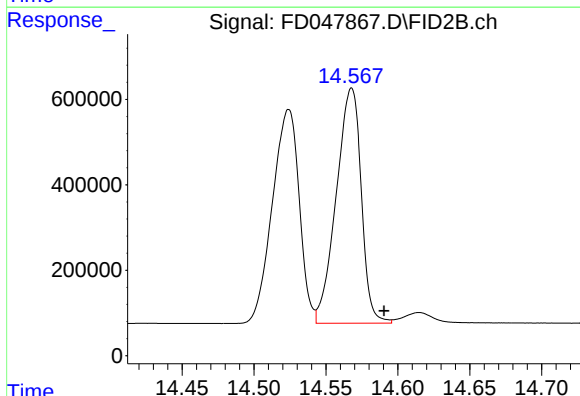
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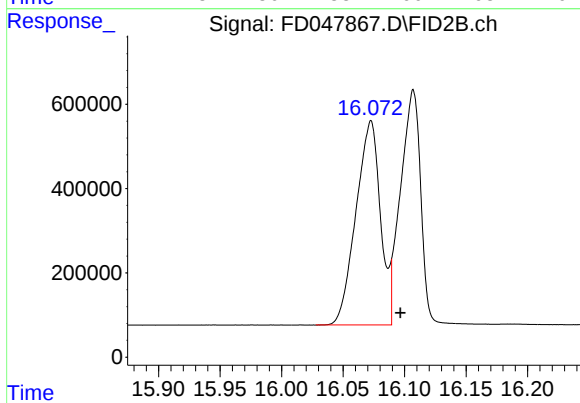
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min
Delta R.T.: -0.027 min
Response: 6474028
Conc: 47.23 ug/ml m



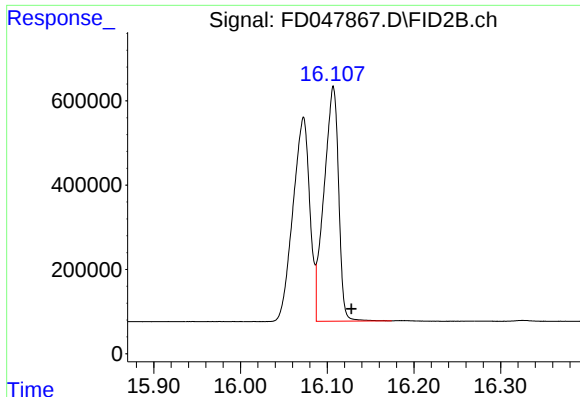
#15 Chrysene (C27.41)

R.T.: 14.567 min
Delta R.T.: -0.023 min
Response: 6684870
Conc: 45.38 ug/ml



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

R.T.: 16.072 min
Delta R.T.: -0.024 min
Response: 6731130
Conc: 47.83 ug/ml m



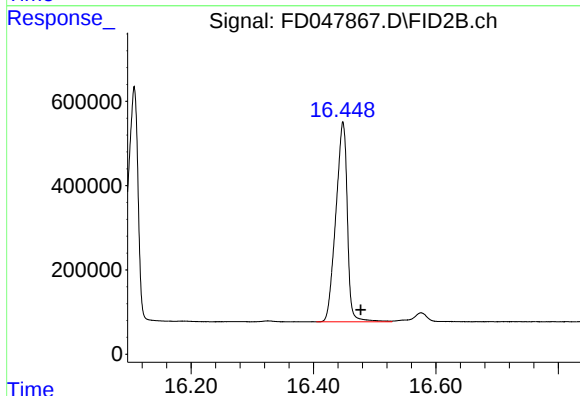
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.107 min
Delta R.T.: -0.021 min
Response: 6509943
Conc: 47.80 ug/ml

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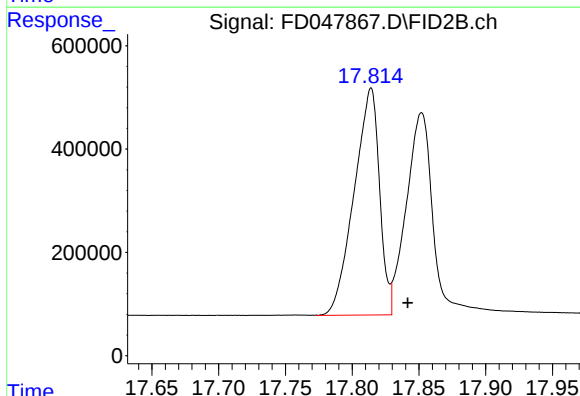
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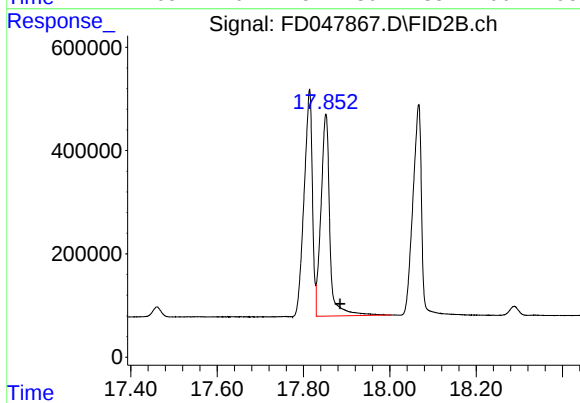
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: -0.030 min
Response: 6185101
Conc: 44.68 ug/ml



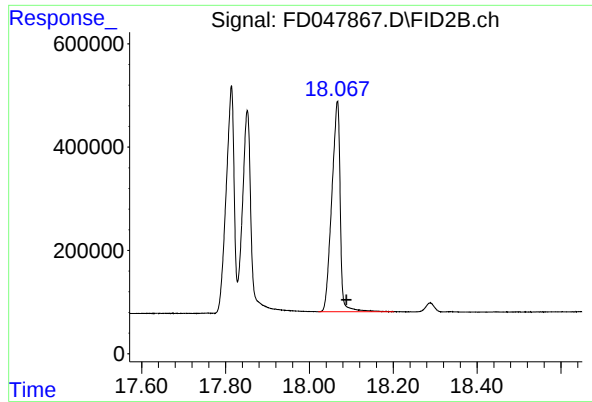
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: -0.028 min
Response: 5831092
Conc: 50.58 ug/ml m



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

R.T.: 17.852 min
Delta R.T.: -0.033 min
Response: 5611644
Conc: 42.08 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.022 min
Response: 5713411
Conc: 42.96 ug/ml

Instrument :

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