

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060724AR\
 Data File : FD047883.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2024 16:56
 Operator : YP/AJ
 Sample : PB161384BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB161384BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :Ankita Jodhani 06/10/2024

Integration File: autoint1.e

Quant Time: Jun 08 04:01:54 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...	7.431	7106349	50.618 ug/ml
Spiked Amount 50.000		Recovery =	101.24%
6) S 2-Fluorobiphenyl (SURR)	8.283	4211399	45.474 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.95%
11) S ortho-Terphenyl (SURR)	11.324	6849986	42.843 ug/ml
Spiked Amount 50.000		Recovery =	85.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	6143213	38.896 ug/ml
2) T Naphthalene (C11.7)	5.769	7259488	44.475 ug/ml
3) T 2-Methylnaphthalene (...)	6.818	7588954	46.055 ug/ml
5) T Acenaphthylene (C15.06)	8.087	8151423	49.873 ug/ml
7) T Acenaphthene (C15.5)	8.383	8027198	49.162 ug/ml
8) T Flouorene (C16.55)	9.162	8335011	52.983 ug/ml
9) T Phenanthrene (C19.36)	10.552	8713559	56.506 ug/ml
10) T Anthracene (C19.43)	10.628	8748049	58.191 ug/ml
12) T Fluoranthene (C21.85)	12.360	9335318	61.516 ug/ml
13) T Pyrene (C20.8)	12.654	9178321	60.882 ug/ml
14) T Benzo[a]anthracene (C...	14.525	8242181	60.125 ug/mlm
15) T Chrysene (C27.41)	14.568	8267051	56.117 ug/ml
16) T benzo[b]fluoranthene ...	16.071	8118988	57.687 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.107	8004758	58.781 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	7637366	55.177 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	7438343	64.523 ug/mlm
20) T Dibenz[a,h]anthracene...	17.852	6910031	51.821 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	7098257	53.375 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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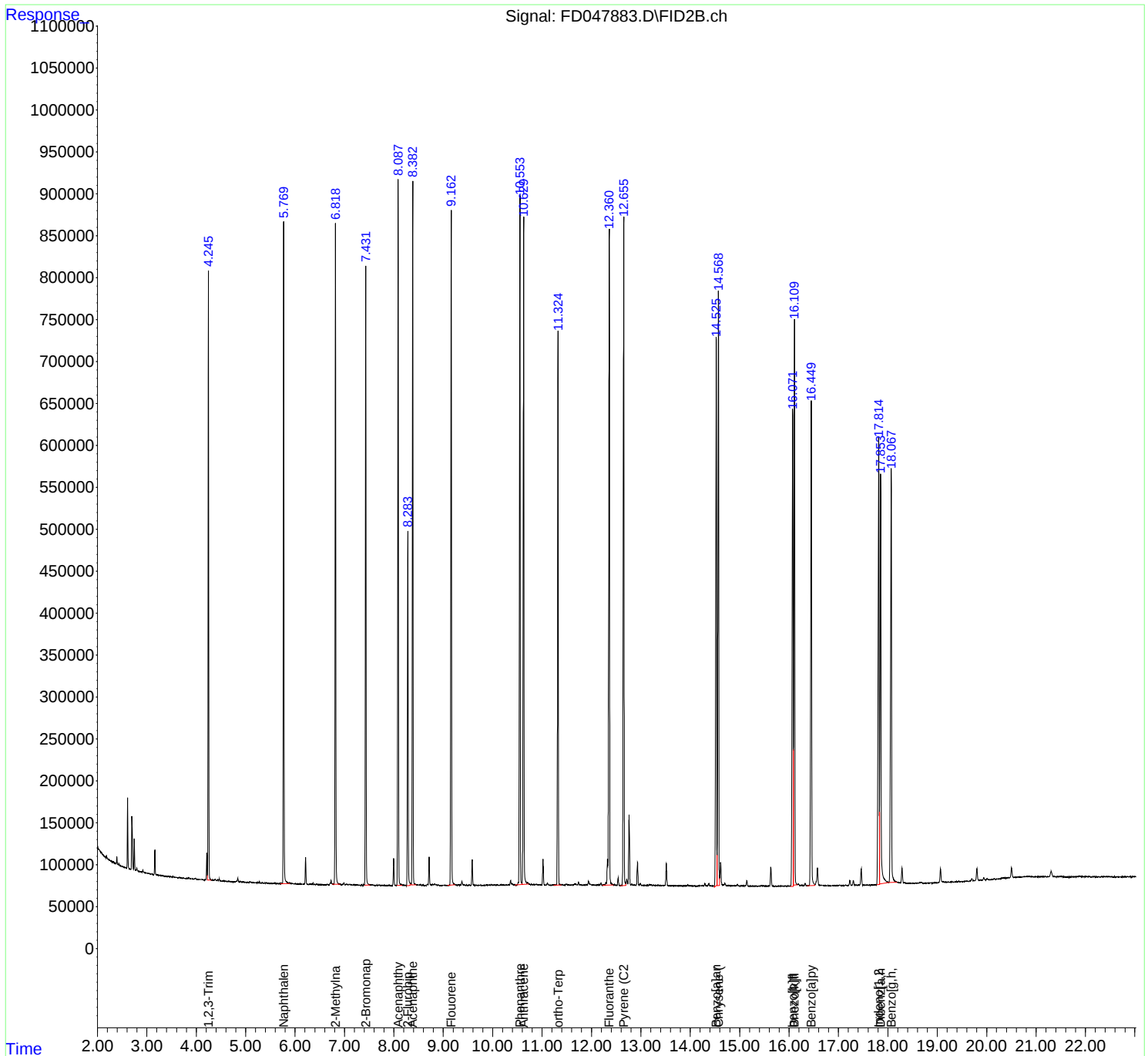
APPROVED

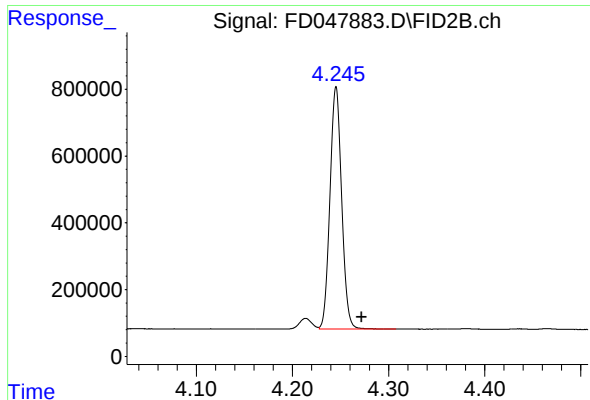
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
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QLast Update : Tue May 21 19:00:48 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.245 min
Delta R.T.: -0.027 min
Response: 6143213
Conc: 38.90 ug/ml

Instrument :

FID_D

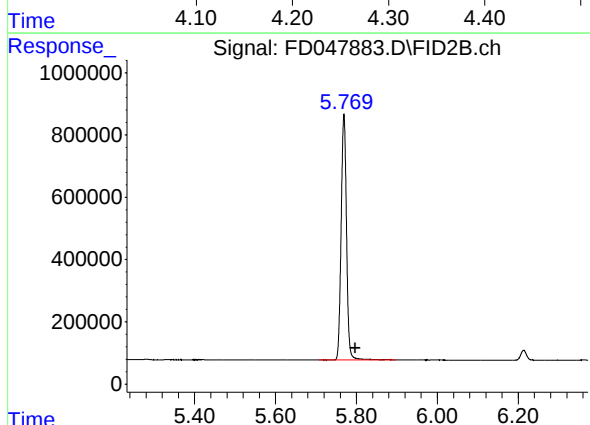
ClientSampleId :

PB161384BS

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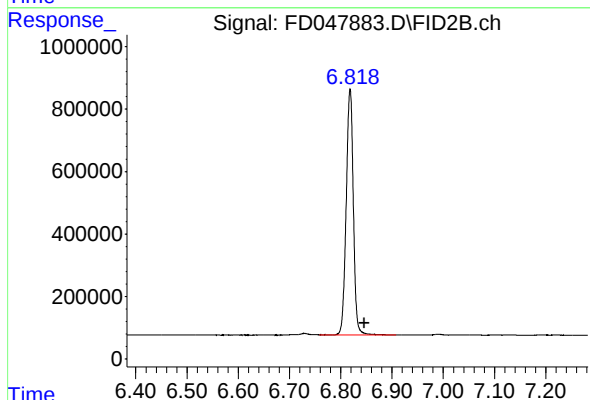
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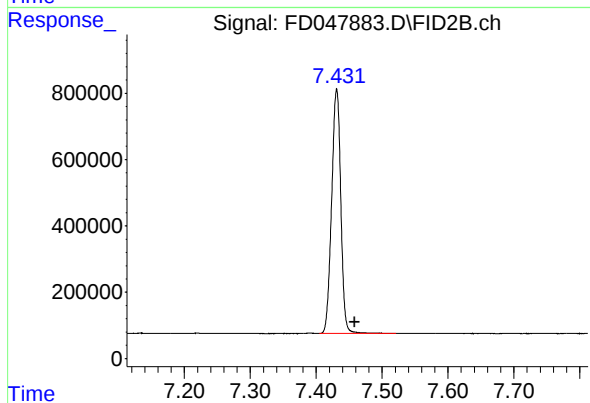
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.028 min
Response: 7259488
Conc: 44.47 ug/ml



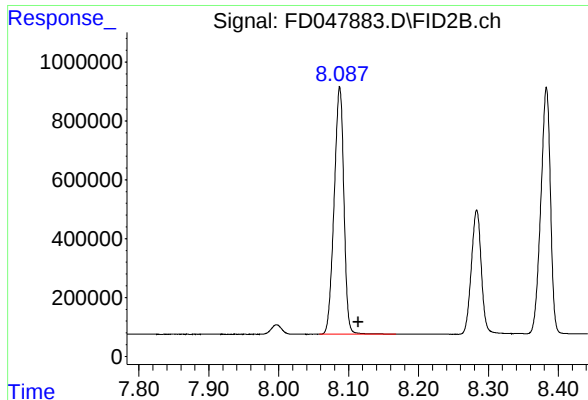
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.818 min
Delta R.T.: -0.028 min
Response: 7588954
Conc: 46.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.431 min
Delta R.T.: -0.027 min
Response: 7106349
Conc: 50.62 ug/ml



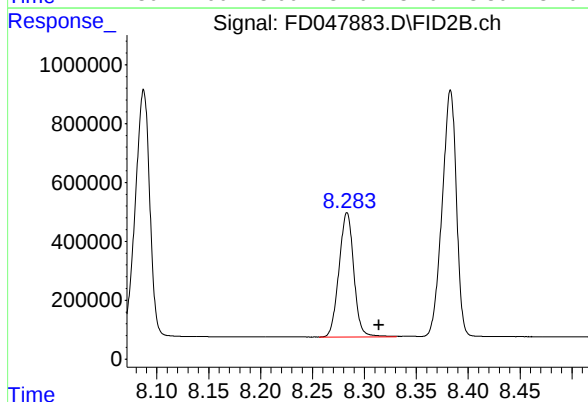
#5 Acenaphthylene (C15.06)

R.T.: 8.087 min
Delta R.T.: -0.027 min
Response: 8151423
Conc: 49.87 ug/ml

Instrument :
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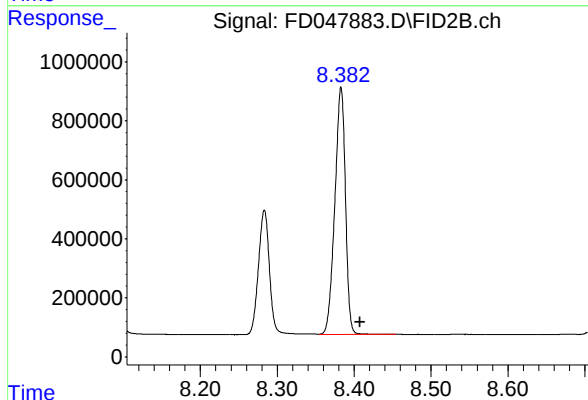
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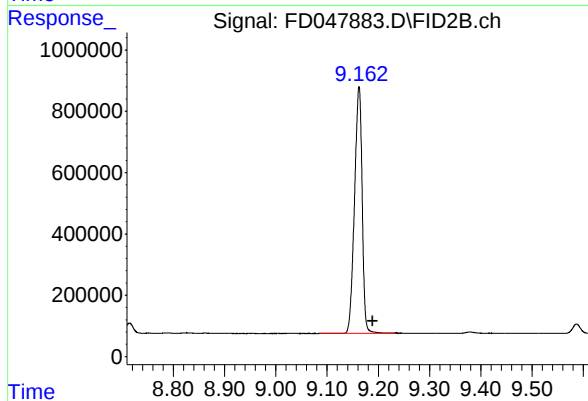
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.283 min
Delta R.T.: -0.031 min
Response: 4211399
Conc: 45.47 ug/ml m



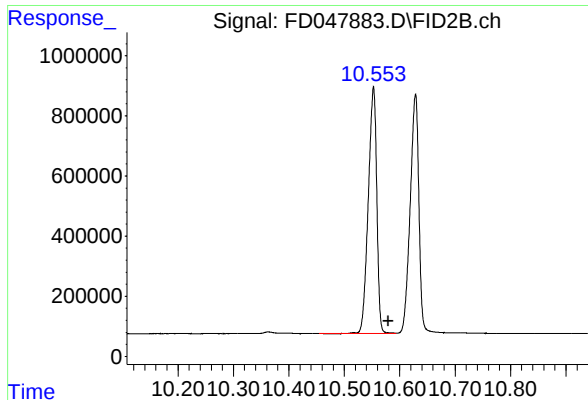
#7 Acenaphthene (C15.5)

R.T.: 8.383 min
Delta R.T.: -0.025 min
Response: 8027198
Conc: 49.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.162 min
Delta R.T.: -0.027 min
Response: 8335011
Conc: 52.98 ug/ml



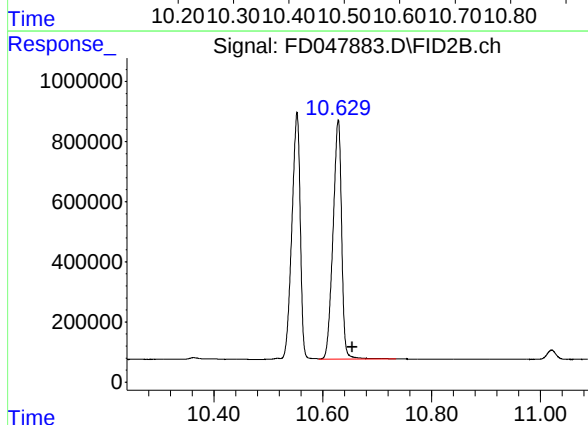
#9 Phenanthrene (C19.36)

R.T.: 10.552 min
Delta R.T.: -0.027 min
Response: 8713559
Conc: 56.51 ug/ml

Instrument :
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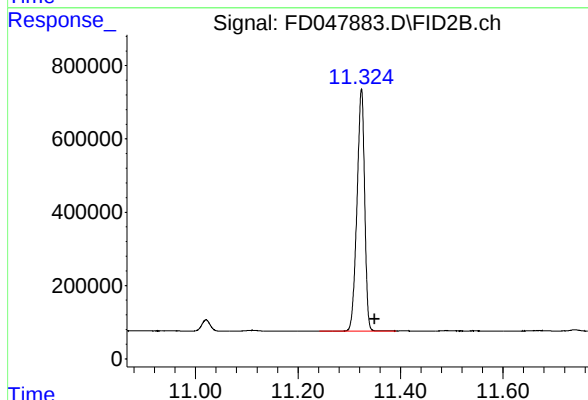
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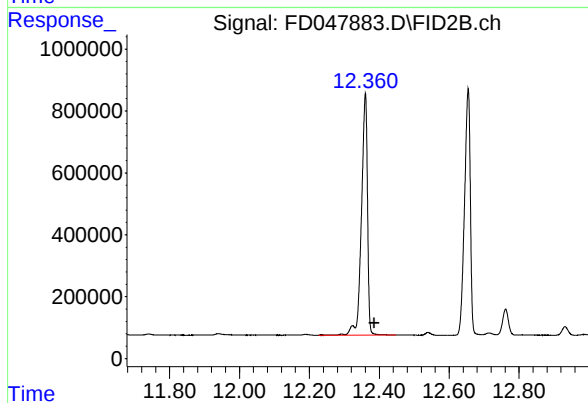
#10 Anthracene (C19.43)

R.T.: 10.628 min
Delta R.T.: -0.027 min
Response: 8748049
Conc: 58.19 ug/ml



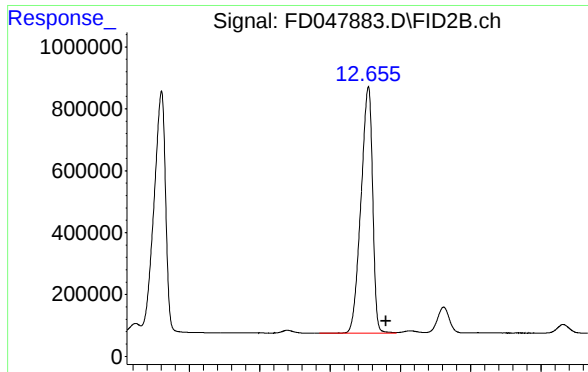
#11 ortho-Terphenyl (SURR)

R.T.: 11.324 min
Delta R.T.: -0.026 min
Response: 6849986
Conc: 42.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.360 min
Delta R.T.: -0.026 min
Response: 9335318
Conc: 61.52 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.654 min
Delta R.T.: -0.026 min
Response: 9178321
Conc: 60.88 ug/ml

Instrument :

FID_D

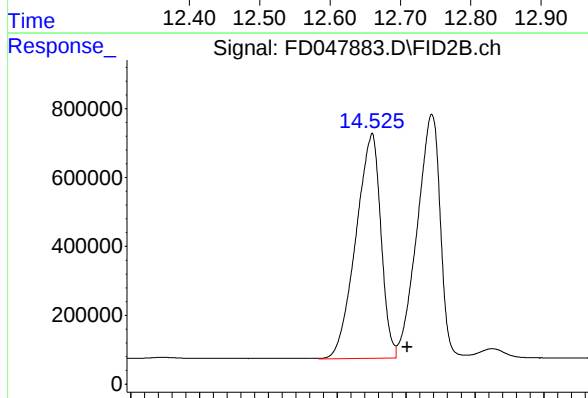
ClientSampleId :

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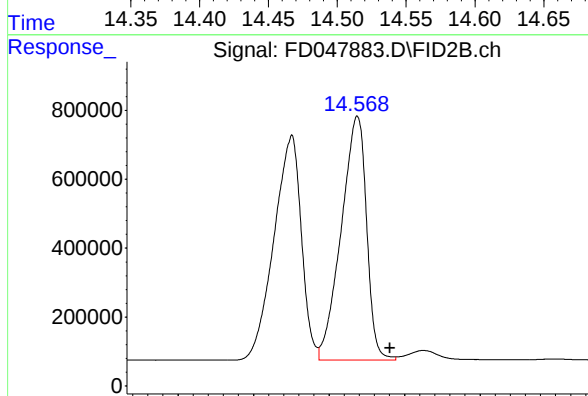
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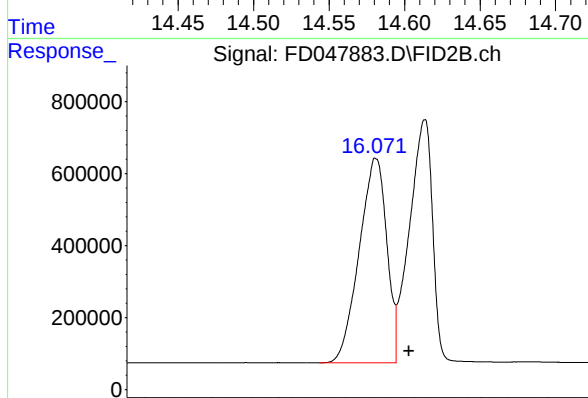
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.525 min
Delta R.T.: -0.026 min
Response: 8242181
Conc: 60.13 ug/ml m



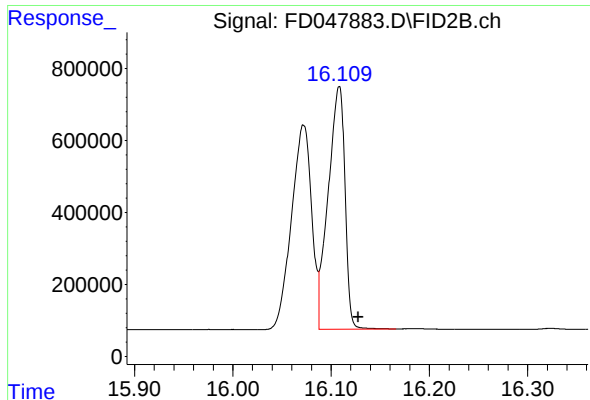
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: -0.022 min
Response: 8267051
Conc: 56.12 ug/ml



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

R.T.: 16.071 min
Delta R.T.: -0.026 min
Response: 8118988
Conc: 57.69 ug/ml m



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

R.T.: 16.107 min
Delta R.T.: -0.020 min
Response: 8004758
Conc: 58.78 ug/ml

Instrument :

FID_D

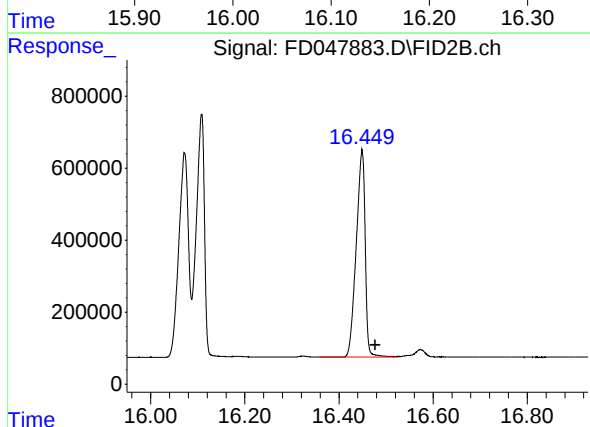
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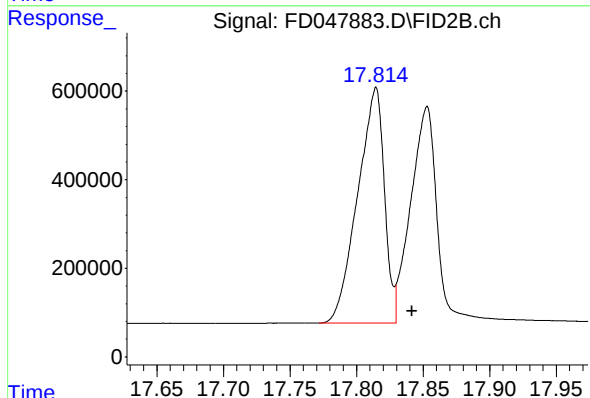
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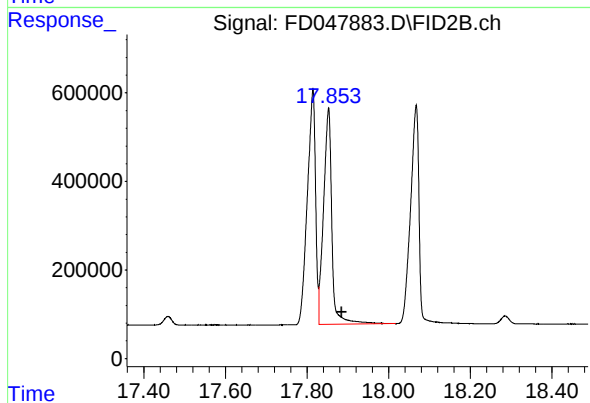
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: -0.029 min
Response: 7637366
Conc: 55.18 ug/ml



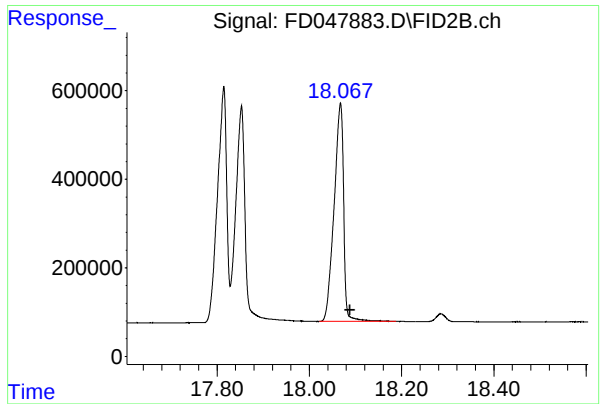
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: -0.027 min
Response: 7438343
Conc: 64.52 ug/ml m



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

R.T.: 17.852 min
Delta R.T.: -0.033 min
Response: 6910031
Conc: 51.82 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.021 min
Response: 7098257
Conc: 53.38 ug/ml

Instrument :

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