

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048060.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2024 03:44
 Operator : YP/AJ
 Sample : PB162082BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB162082BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :Ankita Jodhani 07/19/2024

Integration File: autoint1.e

Quant Time: Jul 18 05:22:45 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...	7.410	7910798	53.227 ug/ml
Spiked Amount 50.000		Recovery =	106.45%
6) S 2-Fluorobiphenyl (SURR)	8.262	5282243	55.814 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.63%
11) S ortho-Terphenyl (SURR)	11.300	7407072	44.269 ug/ml
Spiked Amount 50.000		Recovery =	88.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	7361651	43.963 ug/mlm
2) T Naphthalene (C11.7)	5.748	8391103	48.556 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	8729921	50.325 ug/ml
5) T Acenaphthylene (C15.06)	8.066	9056364	52.846 ug/ml
7) T Acenaphthene (C15.5)	8.361	9058897	52.220 ug/ml
8) T Flouorene (C16.55)	9.140	9243172	56.909 ug/mlm
9) T Phenanthrene (C19.36)	10.529	9652176	60.777 ug/ml
10) T Anthracene (C19.43)	10.605	9433315	59.743 ug/ml
12) T Fluoranthene (C21.85)	12.336	10015620	63.257 ug/ml
13) T Pyrene (C20.8)	12.631	10101415	63.881 ug/ml
14) T Benzo[a]anthracene (C...	14.500	9488039	69.495 ug/ml
15) T Chrysene (C27.41)	14.544	9474234	58.772 ug/ml
16) T benzo[b]fluoranthene ...	16.048	9231976	64.139 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.084	9219947	61.731 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	8786404	62.035 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	9112380	80.794 ug/mlm
20) T Dibenz[a,h]anthracene...	17.830	8612586	59.260 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	8348715	56.651 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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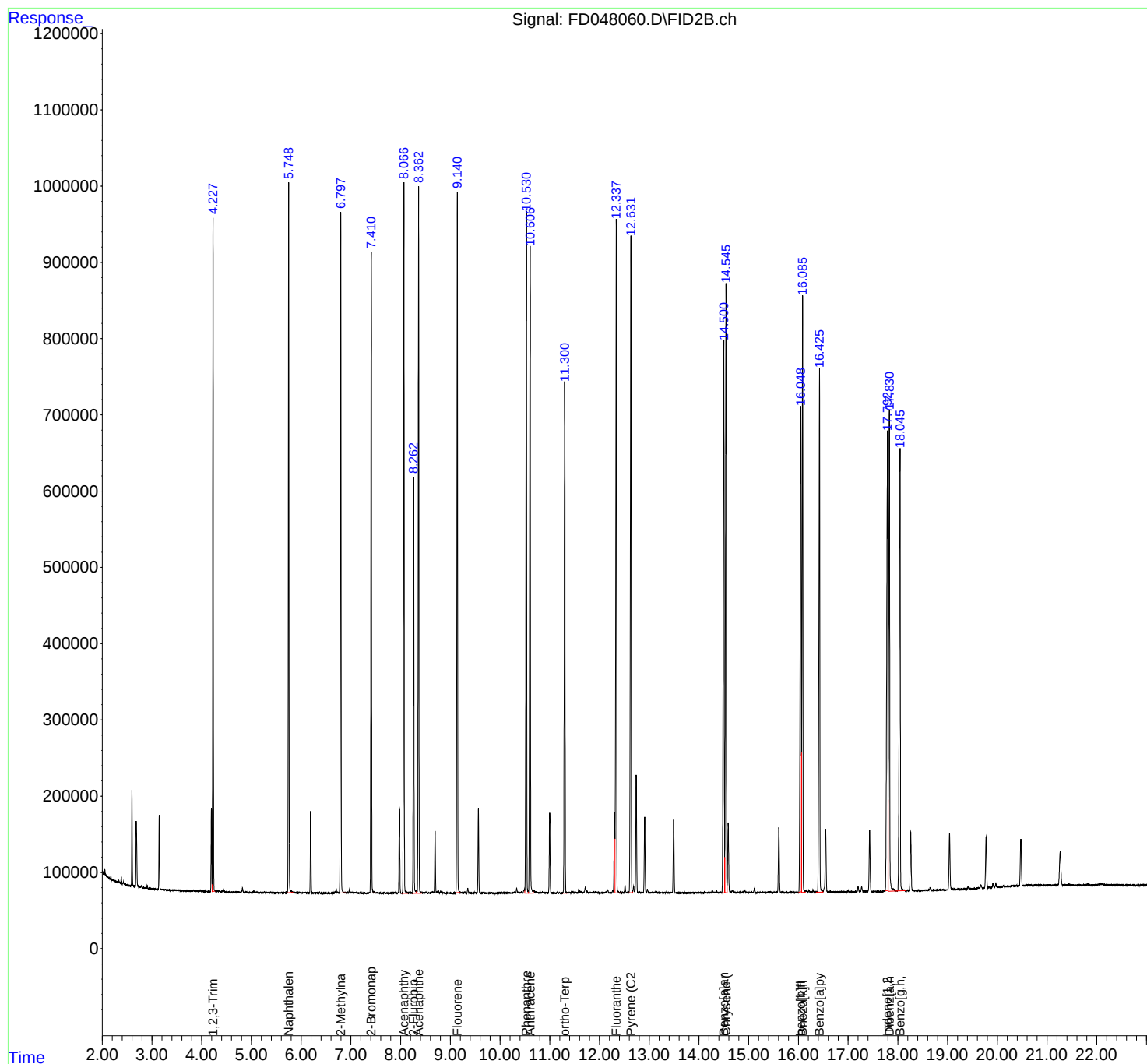
Instrument :
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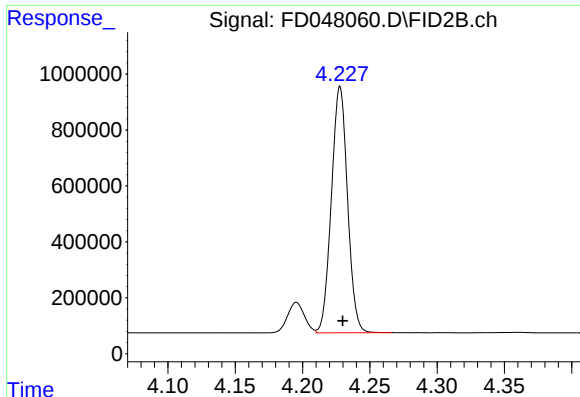
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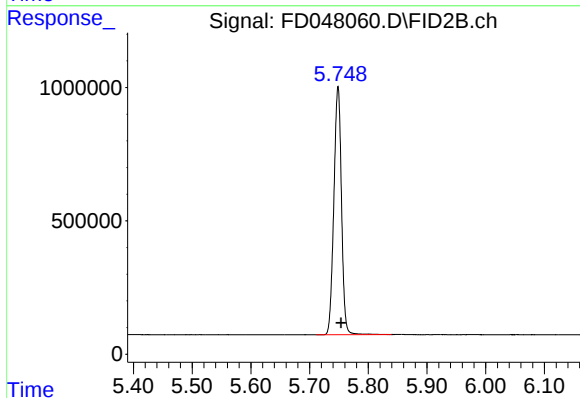
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.227 min
Delta R.T.: -0.003 min
Response: 7361651
Conc: 43.96 ug/ml

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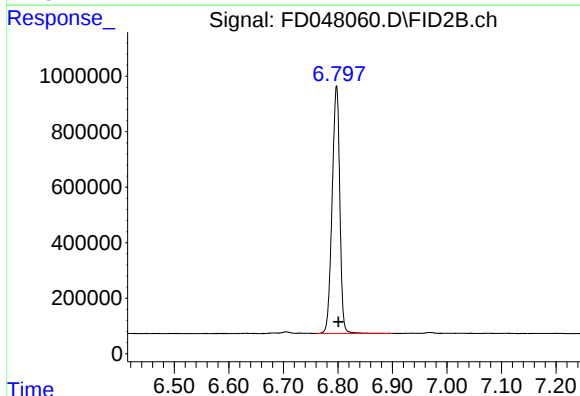
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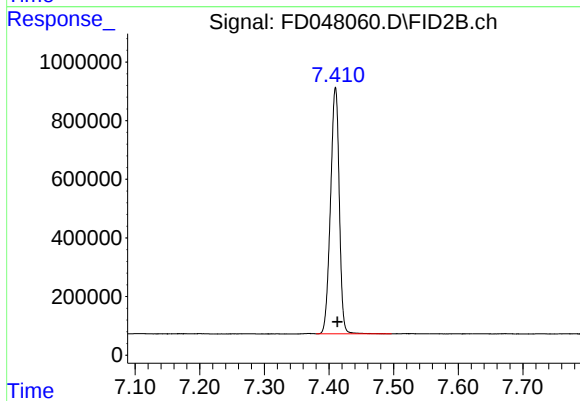
#2 Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.005 min
Response: 8391103
Conc: 48.56 ug/ml



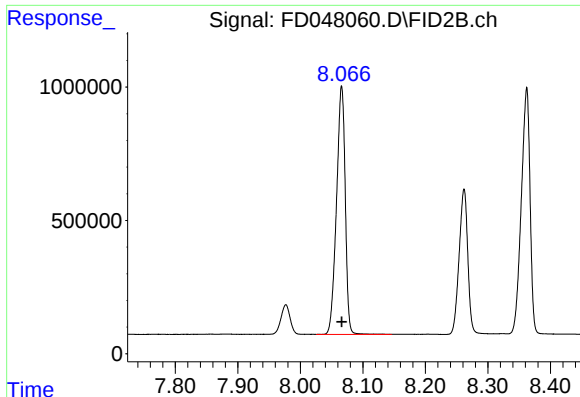
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 8729921
Conc: 50.32 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 7910798
Conc: 53.23 ug/ml



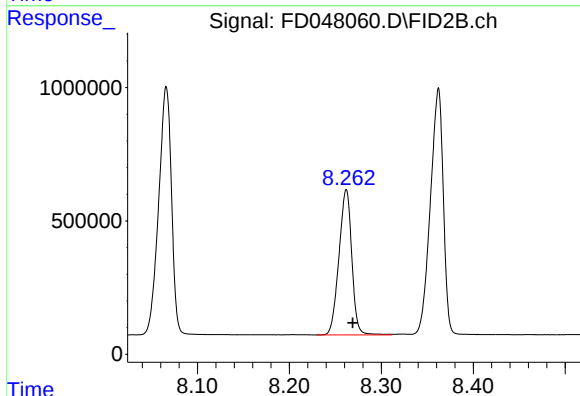
#5 Acenaphthylene (C15.06)

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 9056364
Conc: 52.85 ug/ml

Instrument :
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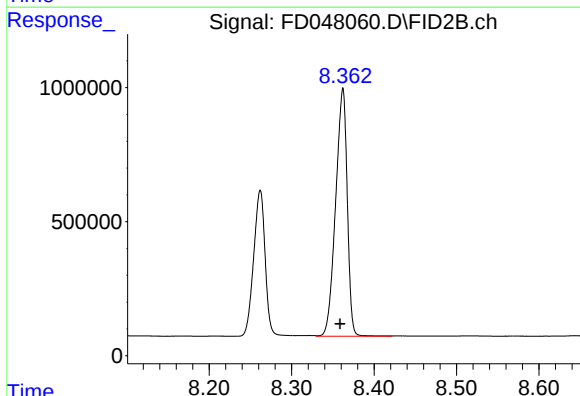
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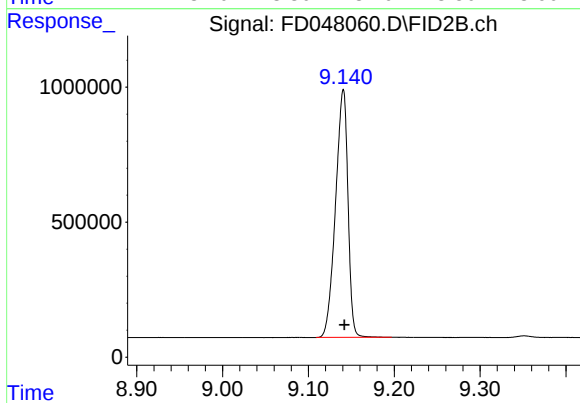
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.262 min
Delta R.T.: -0.007 min
Response: 5282243
Conc: 55.81 ug/ml



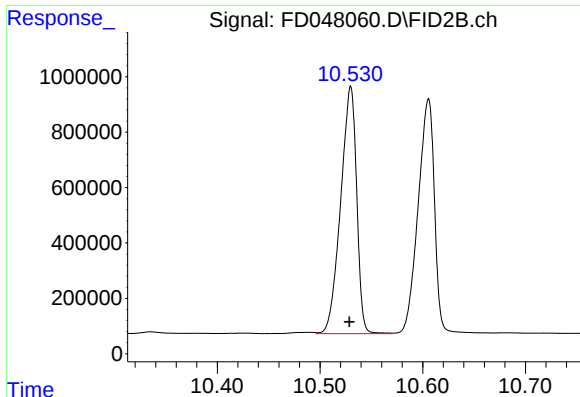
#7 Acenaphthene (C15.5)

R.T.: 8.361 min
Delta R.T.: 0.003 min
Response: 9058897
Conc: 52.22 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.140 min
Delta R.T.: -0.002 min
Response: 9243172
Conc: 56.91 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 9652176
Conc: 60.78 ug/ml

Instrument :

FID_D

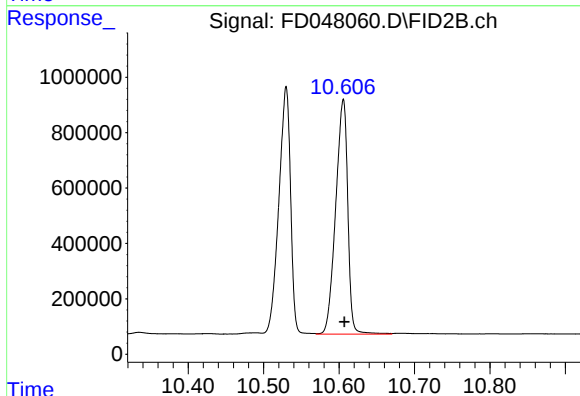
ClientSampleId :

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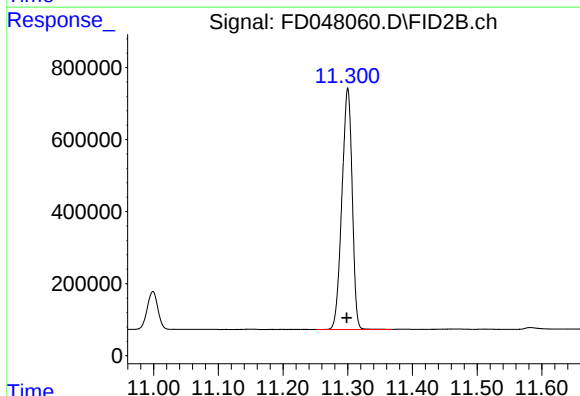
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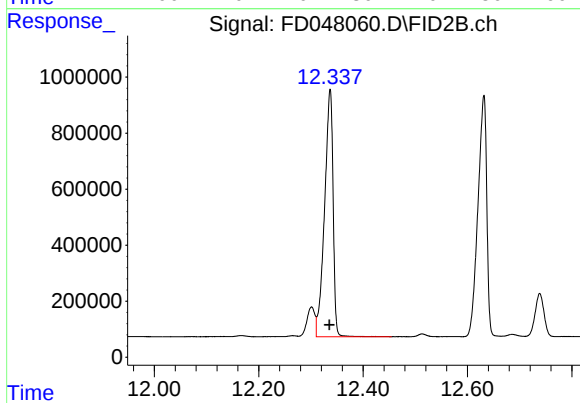
#10 Anthracene (C19.43)

R.T.: 10.605 min
Delta R.T.: -0.002 min
Response: 9433315
Conc: 59.74 ug/ml



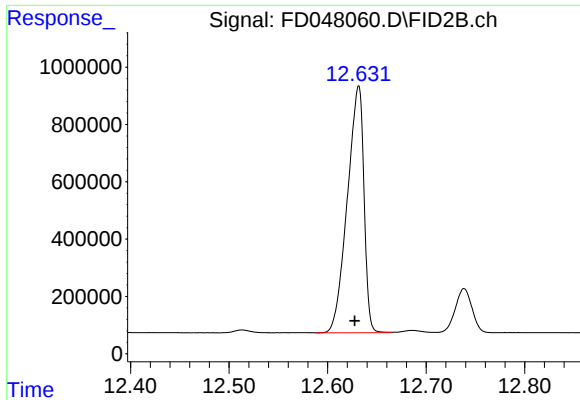
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: 0.002 min
Response: 7407072
Conc: 44.27 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.336 min
Delta R.T.: 0.000 min
Response: 10015620
Conc: 63.26 ug/ml



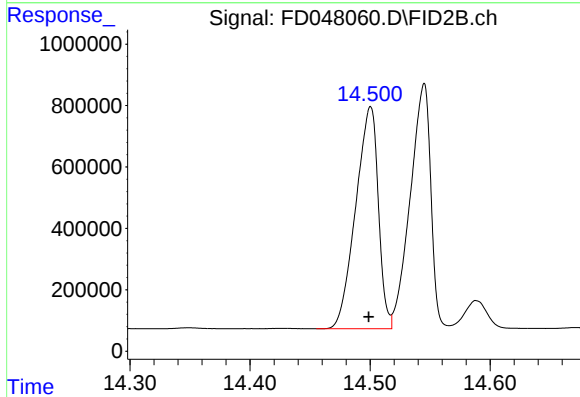
#13 Pyrene (C20.8)

R.T.: 12.631 min
Delta R.T.: 0.003 min
Response: 10101415
Conc: 63.88 ug/ml

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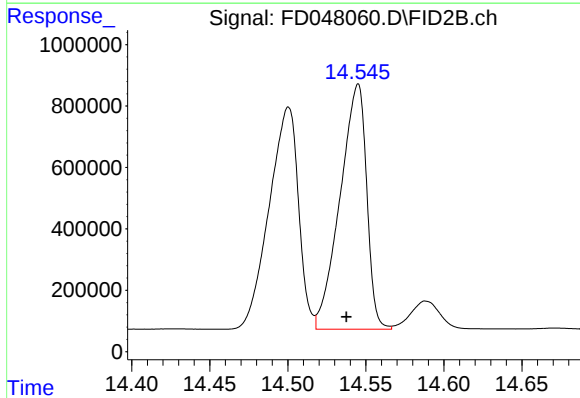
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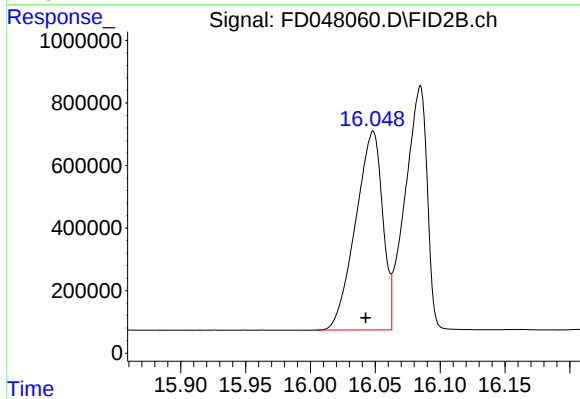
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: 0.000 min
Response: 9488039
Conc: 69.50 ug/ml



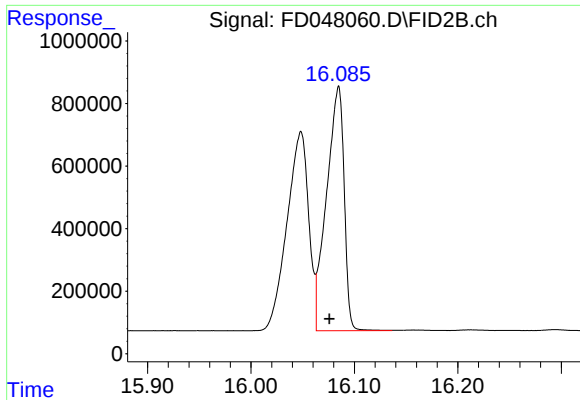
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: 0.007 min
Response: 9474234
Conc: 58.77 ug/ml



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

R.T.: 16.048 min
Delta R.T.: 0.005 min
Response: 9231976
Conc: 64.14 ug/ml m



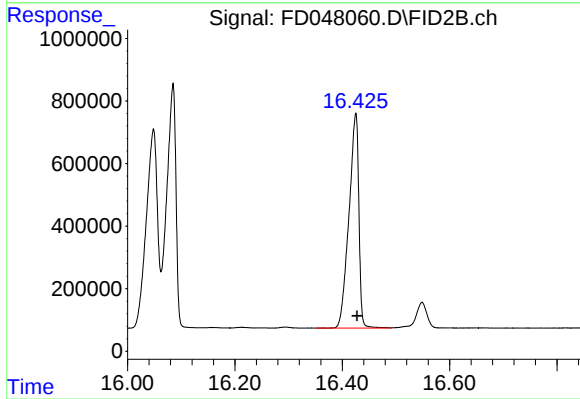
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.084 min
Delta R.T.: 0.008 min
Response: 9219947
Conc: 61.73 ug/ml

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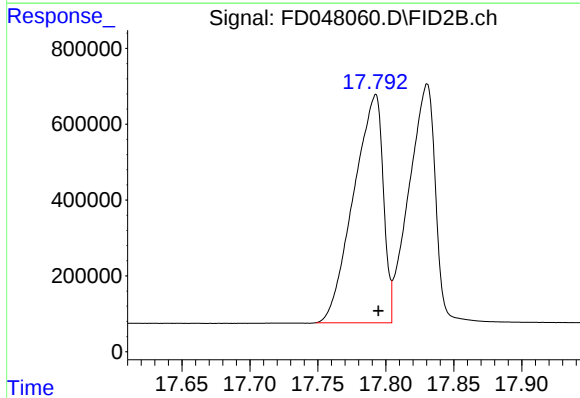
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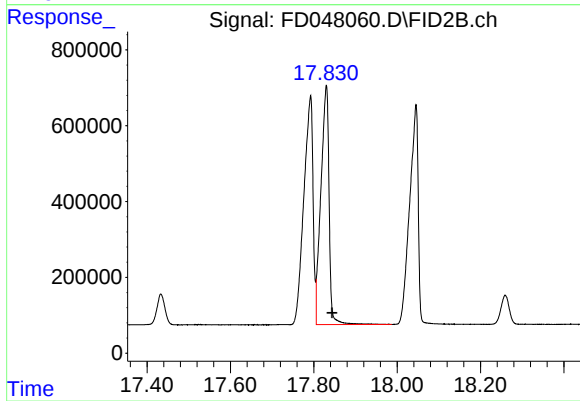
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: -0.003 min
Response: 8786404
Conc: 62.03 ug/ml



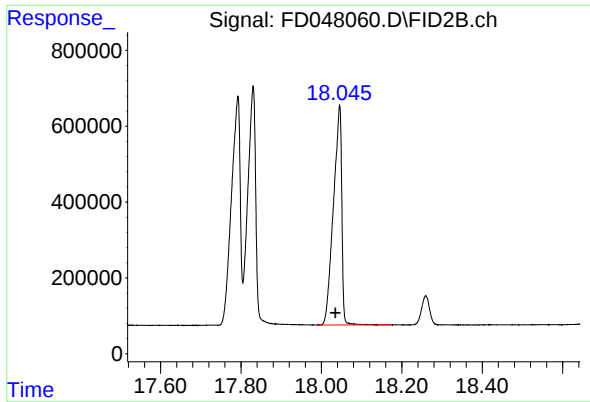
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.002 min
Response: 9112380
Conc: 80.79 ug/ml m



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

R.T.: 17.830 min
Delta R.T.: -0.014 min
Response: 8612586
Conc: 59.26 ug/ml



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

R.T.: 18.044 min
Delta R.T.: 0.009 min
Response: 8348715
Conc: 56.65 ug/ml

Instrument :

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