

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060724AR\
 Data File : FD047889.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2024 20:51
 Operator : YP/AJ
 Sample : P2757-03MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

DUP-1MS

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 04:03:36 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...	7.434	8642057	61.557 ug/mlm
Spiked Amount 50.000		Recovery =	123.11%
6) S 2-Fluorobiphenyl (SURR)	8.298	7285922	78.672 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	157.34%#
11) S ortho-Terphenyl (SURR)	11.382	14687341	91.861 ug/mlm
Spiked Amount 50.000		Recovery =	183.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	6222925	39.401 ug/ml
2) T Naphthalene (C11.7)	5.770	8297250	50.832 ug/ml
3) T 2-Methylnaphthalene (...)	6.821	10195098	61.871 ug/mlm
5) T Acenaphthylene (C15.06)	8.098	11296665	69.116 ug/mlm
7) T Acenaphthene (C15.5)	8.398	17041035	104.367 ug/mlm
8) T Flouorene (C16.55)	9.195	27617843	175.558 ug/mlm
9) T Phenanthrene (C19.36)	10.614	28746603	186.416 ug/mlm
10) T Anthracene (C19.43)	10.691	18912048	125.800 ug/mlm
12) T Fluoranthene (C21.85)	12.391	5120628	33.743 ug/mlm
13) T Pyrene (C20.8)	12.676	5090818	33.769 ug/mlm
14) T Benzo[a]anthracene (C...	14.581	9237255	67.384 ug/mlm
15) T Chrysene (C27.41)	14.626	8822427	59.887 ug/mlm
16) T benzo[b]fluoranthene ...	16.104	8825531	62.707 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.138	8113511	59.580 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.476	8533128	61.648 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.827	8749538	75.897 ug/ml
20) T Dibenz[a,h]anthracene...	17.865	7807912	58.554 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	7886099	59.299 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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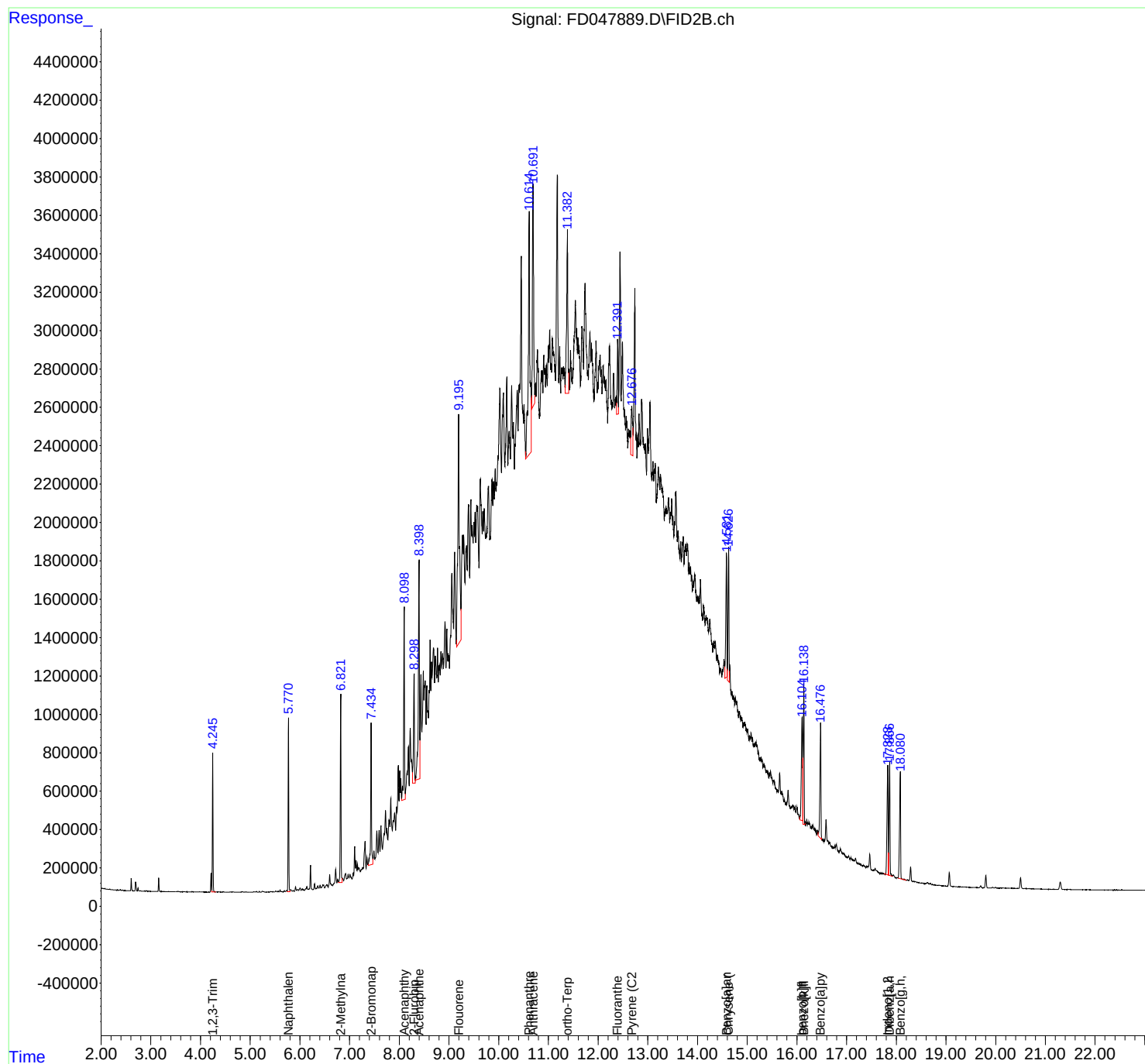
Response via : Initial Calibration

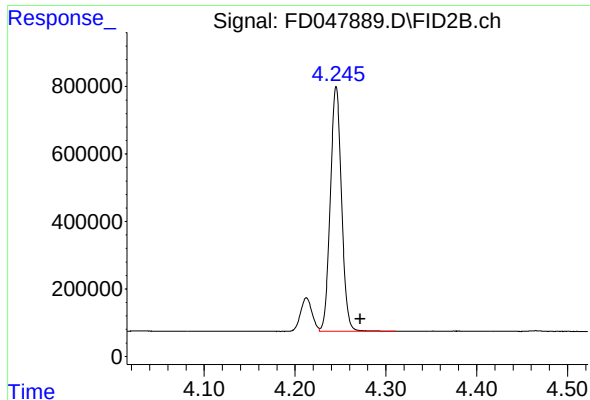
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





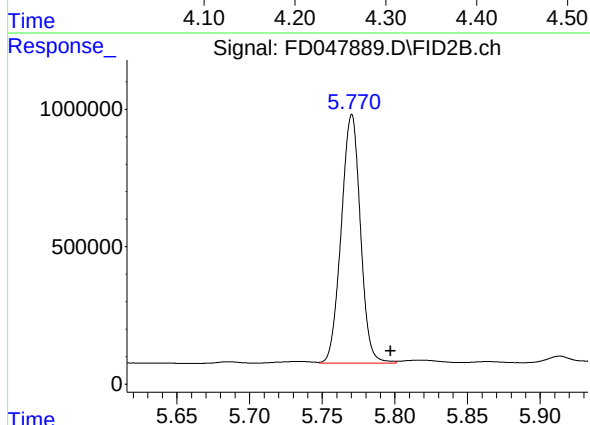
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.245 min
Delta R.T.: -0.027 min
Response: 6222925
Conc: 39.40 ug/ml

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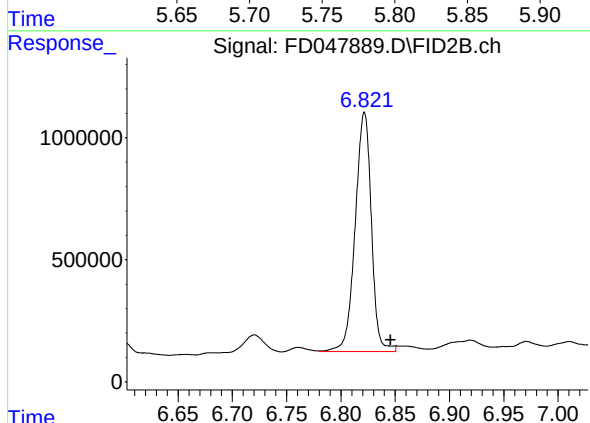
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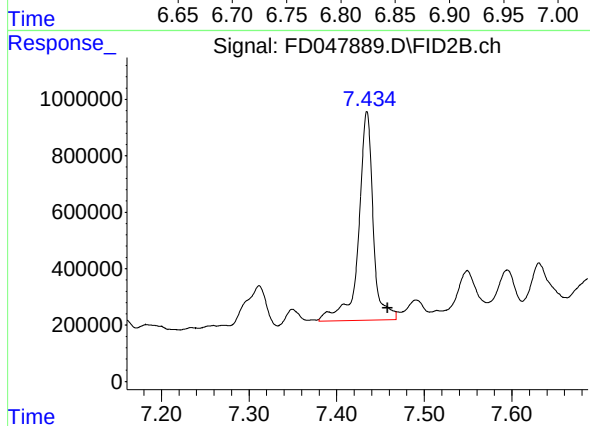
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.027 min
Response: 8297250
Conc: 50.83 ug/ml



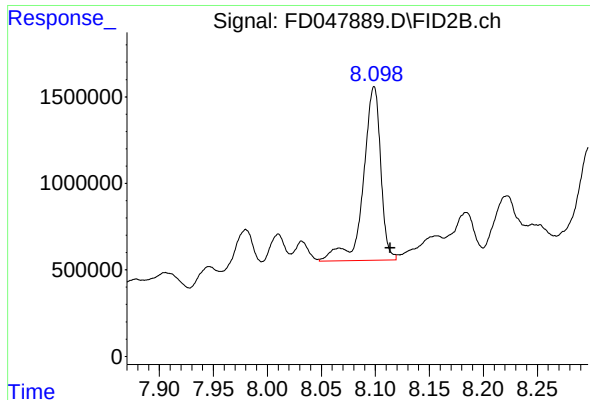
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.025 min
Response: 10195098
Conc: 61.87 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.434 min
Delta R.T.: -0.024 min
Response: 8642057
Conc: 61.56 ug/ml m



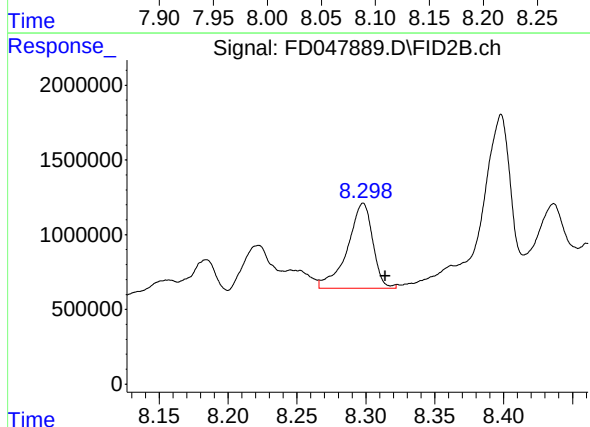
#5 Acenaphthylene (C15.06)

R.T.: 8.098 min
Delta R.T.: -0.016 min
Response: 11296665
Conc: 69.12 ug/ml

Instrument :
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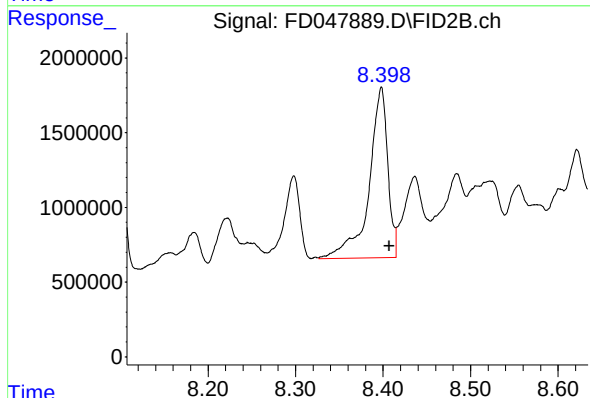
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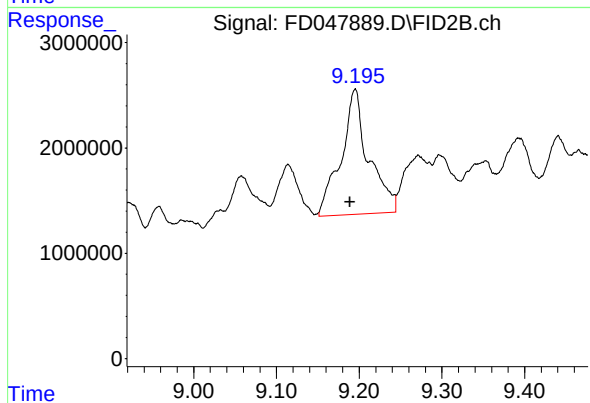
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.298 min
Delta R.T.: -0.016 min
Response: 7285922
Conc: 78.67 ug/ml



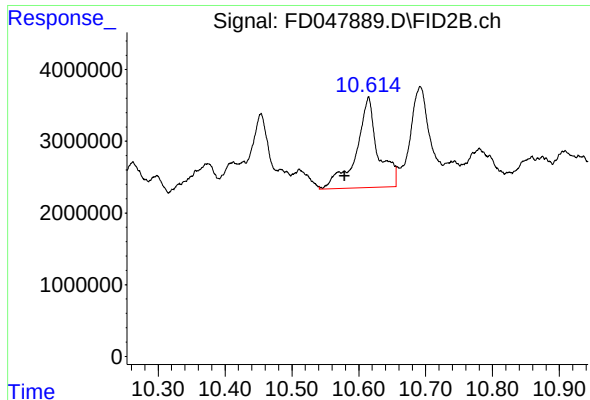
#7 Acenaphthene (C15.5)

R.T.: 8.398 min
Delta R.T.: -0.010 min
Response: 17041035
Conc: 104.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.195 min
Delta R.T.: 0.006 min
Response: 27617843
Conc: 175.56 ug/ml



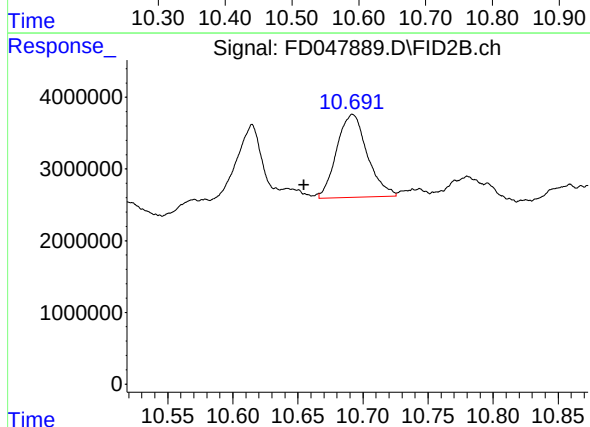
#9 Phenanthrene (C19.36)

R.T.: 10.614 min
Delta R.T.: 0.035 min
Response: 28746603
Conc: 186.42 ug/ml

Instrument :
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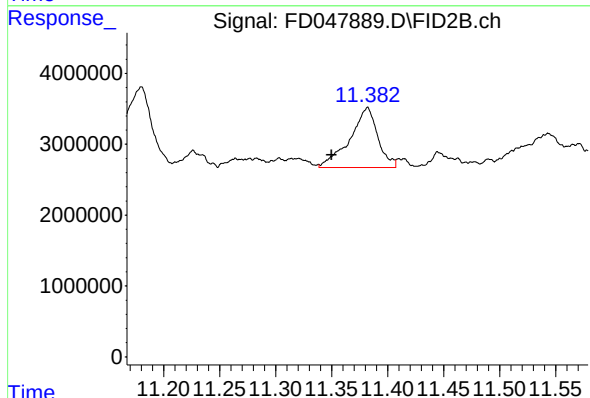
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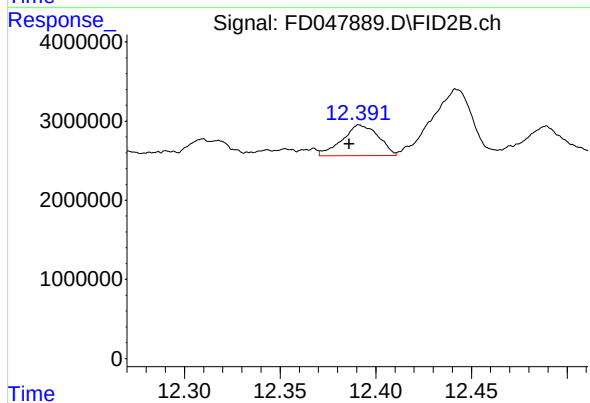
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: 0.037 min
Response: 18912048
Conc: 125.80 ug/ml m



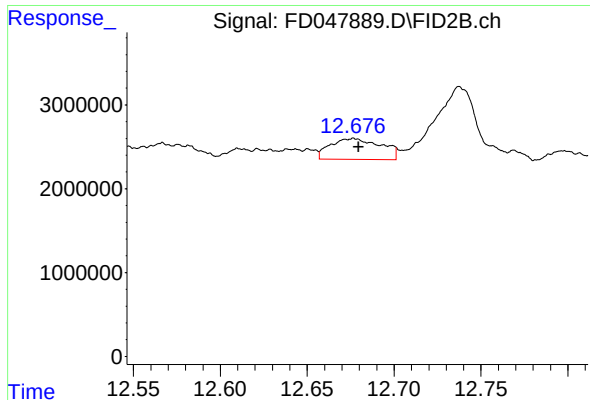
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.032 min
Response: 14687341
Conc: 91.86 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.005 min
Response: 5120628
Conc: 33.74 ug/ml m



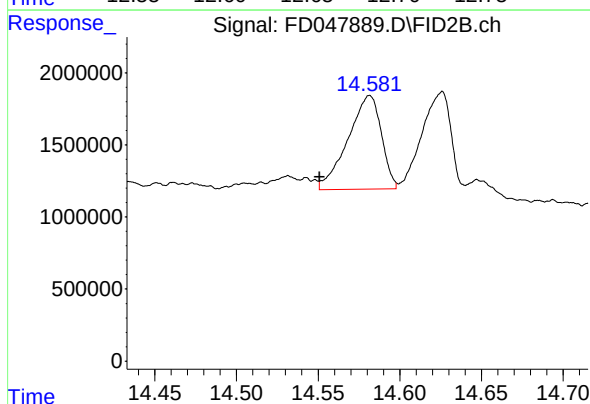
#13 Pyrene (C20.8)

R.T.: 12.676 min
Delta R.T.: -0.003 min
Response: 5090818
Conc: 33.77 ug/ml

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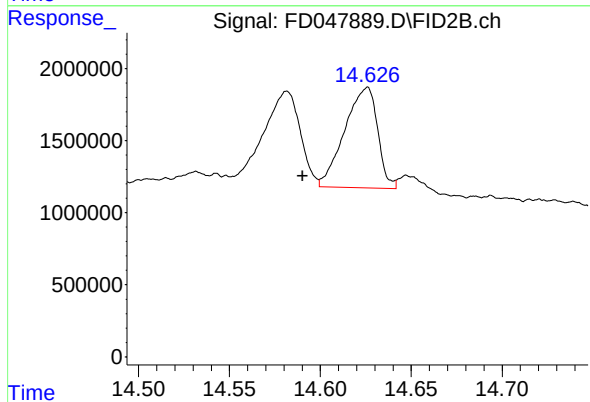
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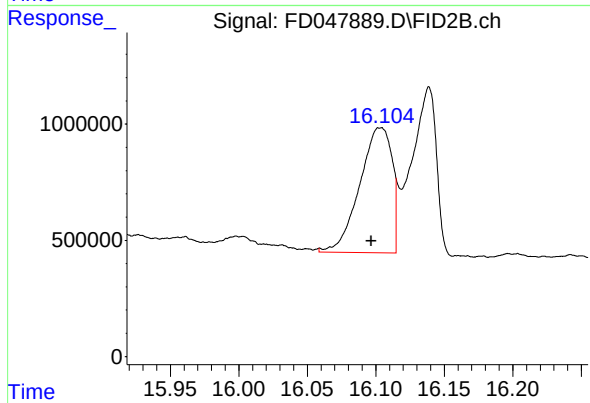
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: 0.030 min
Response: 9237255
Conc: 67.38 ug/ml m



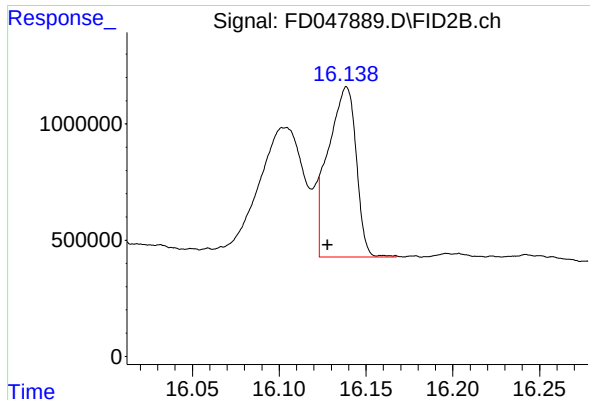
#15 Chrysene (C27.41)

R.T.: 14.626 min
Delta R.T.: 0.035 min
Response: 8822427
Conc: 59.89 ug/ml m



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

R.T.: 16.104 min
Delta R.T.: 0.008 min
Response: 8825531
Conc: 62.71 ug/ml m



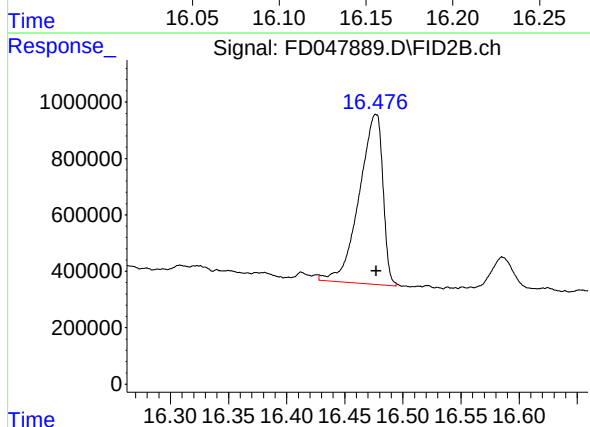
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.138 min
Delta R.T.: 0.010 min
Response: 8113511
Conc: 59.58 ug/ml

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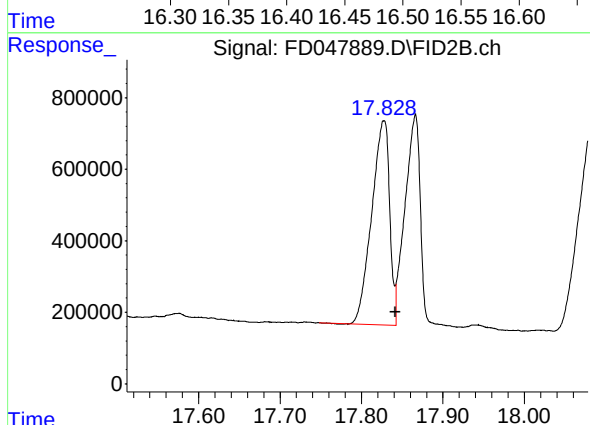
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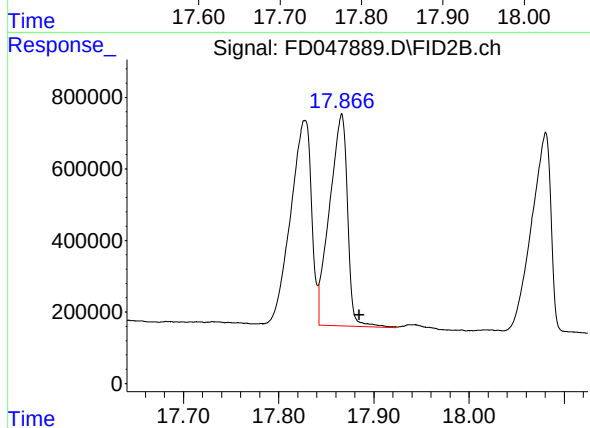
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: -0.001 min
Response: 8533128
Conc: 61.65 ug/ml m



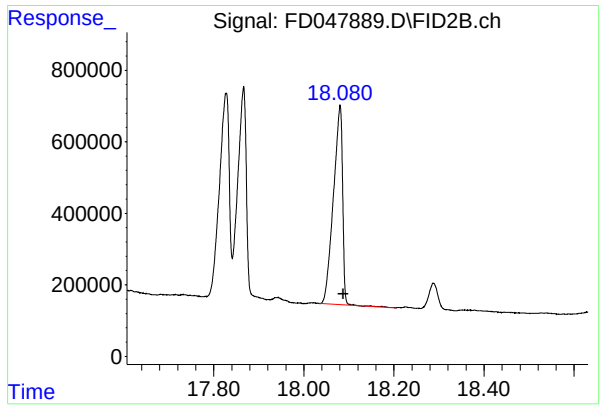
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: -0.015 min
Response: 8749538
Conc: 75.90 ug/ml



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

R.T.: 17.865 min
Delta R.T.: -0.019 min
Response: 7807912
Conc: 58.55 ug/ml



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

R.T.: 18.080 min
Delta R.T.: -0.009 min
Response: 7886099
Conc: 59.30 ug/ml

Instrument :

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