

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060724AR\
 Data File : FD047890.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2024 21:29
 Operator : YP/AJ
 Sample : P2757-03MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

DUP-1MSD

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 04:03:53 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...	7.433	7084070	50.459 ug/mlm
Spiked Amount 50.000		Recovery =	100.92%
6) S 2-Fluorobiphenyl (SURR)	8.296	7068950	76.329 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	152.66%#
11) S ortho-Terphenyl (SURR)	11.374	11450177	71.615 ug/mlm
Spiked Amount 50.000		Recovery =	143.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	5676618	35.942 ug/ml
2) T Naphthalene (C11.7)	5.770	7561832	46.327 ug/ml
3) T 2-Methylnaphthalene (...)	6.821	9227904	56.001 ug/mlm
5) T Acenaphthylene (C15.06)	8.098	9749680	59.651 ug/mlm
7) T Acenaphthene (C15.5)	8.395	15674714	95.999 ug/mlm
8) T Flouorene (C16.55)	9.192	25388973	161.390 ug/mlm
9) T Phenanthrene (C19.36)	10.607	27025757	175.257 ug/mlm
10) T Anthracene (C19.43)	10.687	19524564	129.875 ug/mlm
12) T Fluoranthene (C21.85)	12.385	4445670	29.295 ug/mlm
13) T Pyrene (C20.8)	12.669	3855773	25.576 ug/mlm
14) T Benzo[a]anthracene (C...	14.575	8068424	58.858 ug/mlm
15) T Chrysene (C27.41)	14.620	7680932	52.138 ug/mlm
16) T benzo[b]fluoranthene ...	16.100	8528047	60.594 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.134	8300232	60.951 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.473	7592371	54.852 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.824	8070605	70.008 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	7283514	54.622 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	7266130	54.638 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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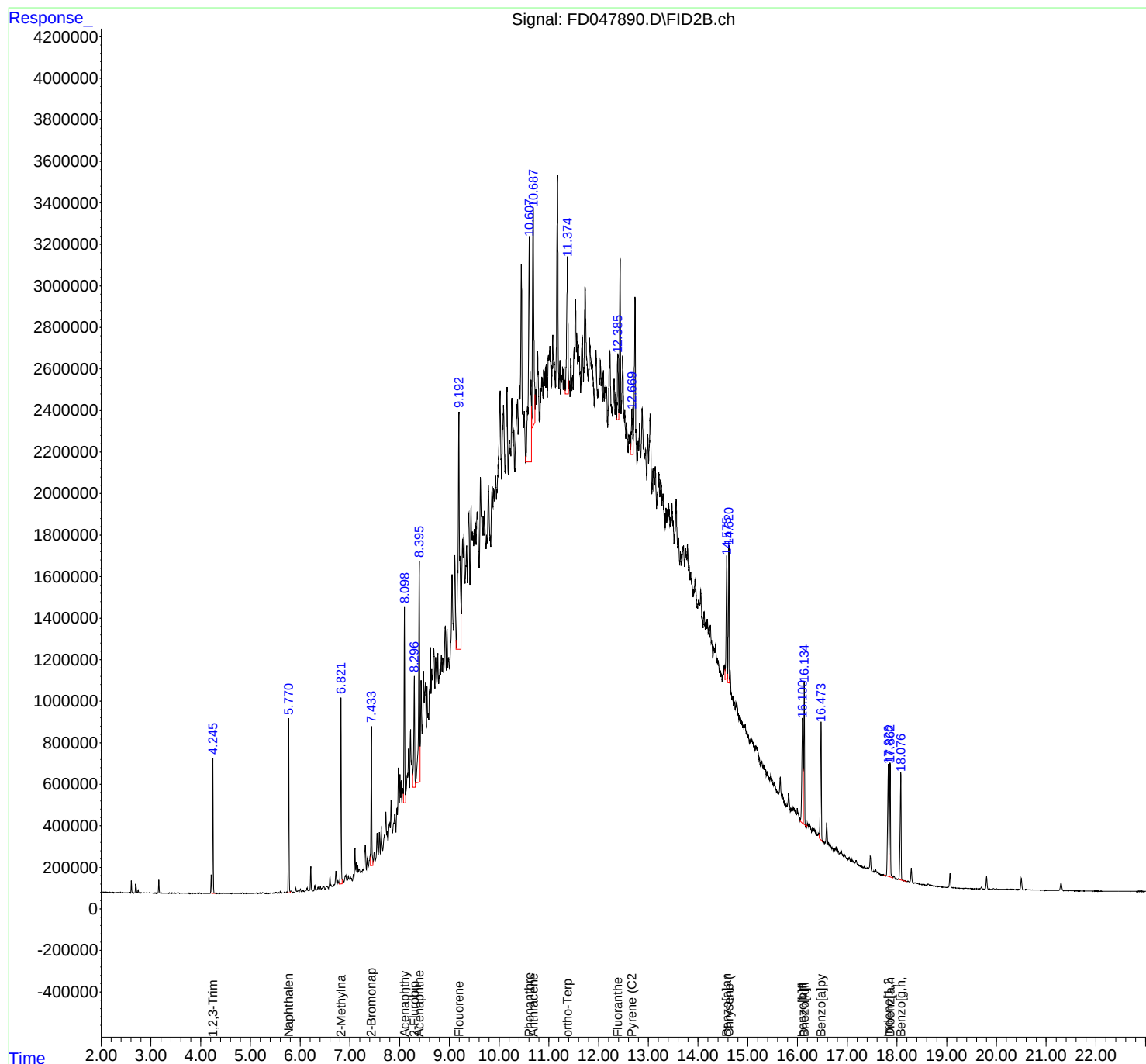
Response via : Initial Calibration

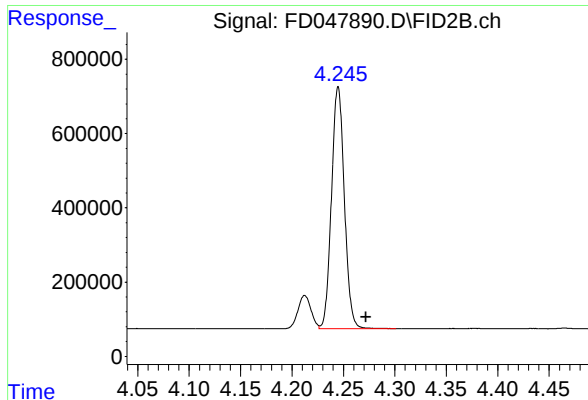
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





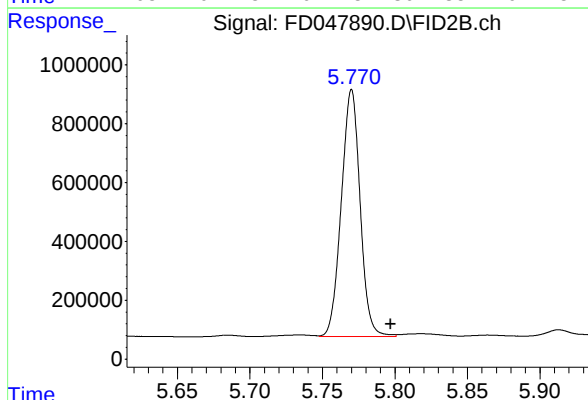
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.245 min
Delta R.T.: -0.027 min
Response: 5676618
Conc: 35.94 ug/ml

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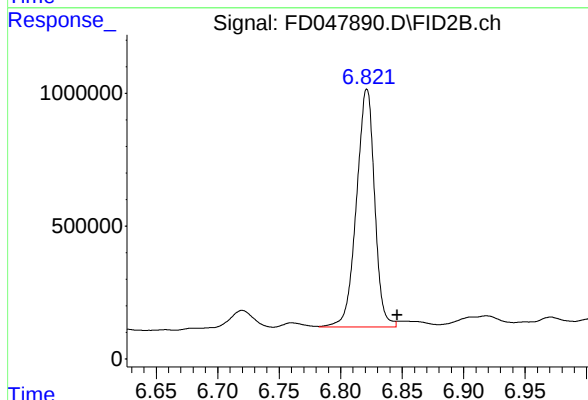
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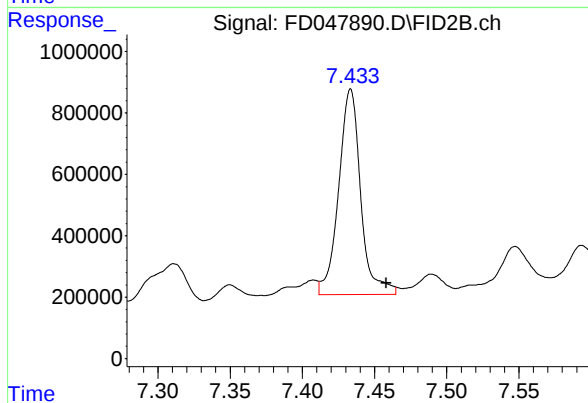
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.027 min
Response: 7561832
Conc: 46.33 ug/ml



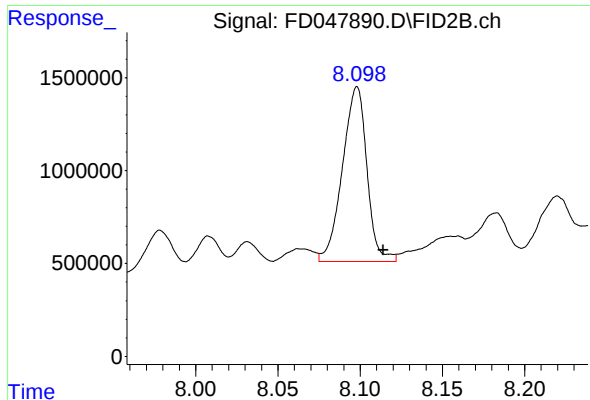
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.025 min
Response: 9227904
Conc: 56.00 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.433 min
Delta R.T.: -0.025 min
Response: 7084070
Conc: 50.46 ug/ml m



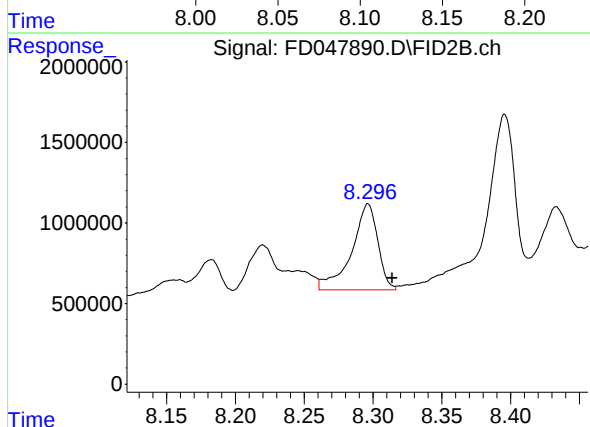
#5 Acenaphthylene (C15.06)

R.T.: 8.098 min
Delta R.T.: -0.016 min
Response: 9749680
Conc: 59.65 ug/ml

Instrument :
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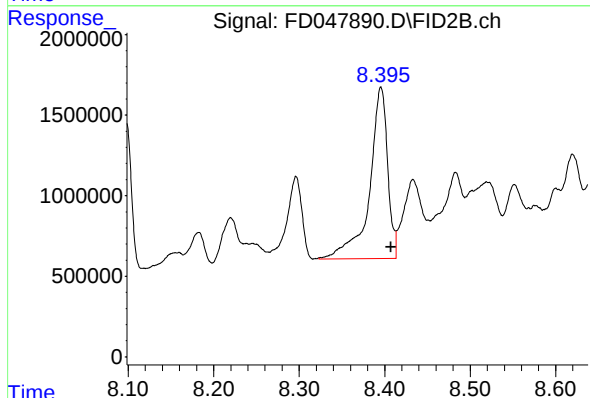
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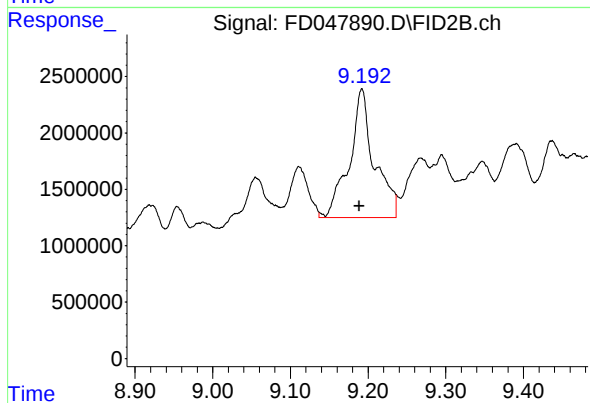
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.296 min
Delta R.T.: -0.018 min
Response: 7068950
Conc: 76.33 ug/ml m



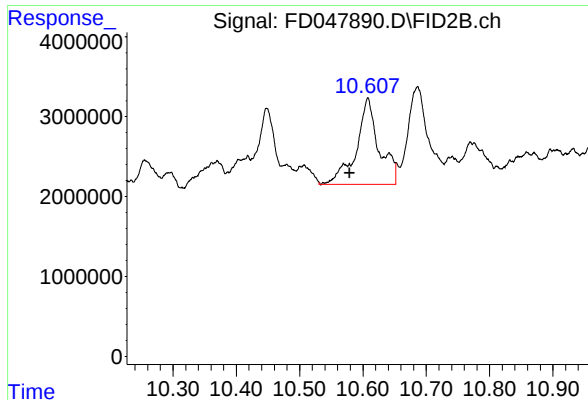
#7 Acenaphthene (C15.5)

R.T.: 8.395 min
Delta R.T.: -0.012 min
Response: 15674714
Conc: 96.00 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.192 min
Delta R.T.: 0.003 min
Response: 25388973
Conc: 161.39 ug/ml m



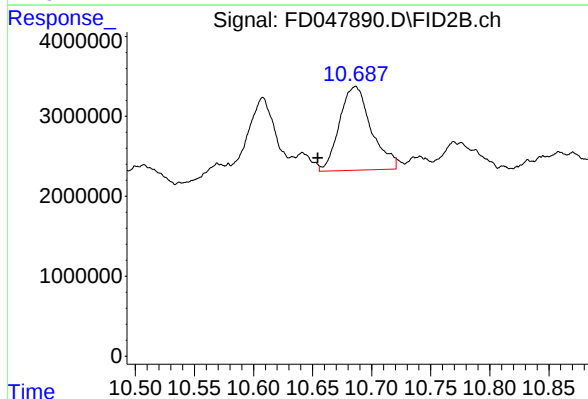
#9 Phenanthrene (C19.36)

R.T.: 10.607 min
Delta R.T.: 0.028 min
Response: 27025757
Conc: 175.26 ug/ml

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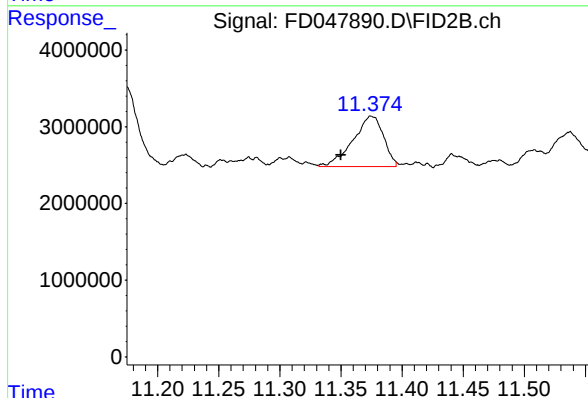
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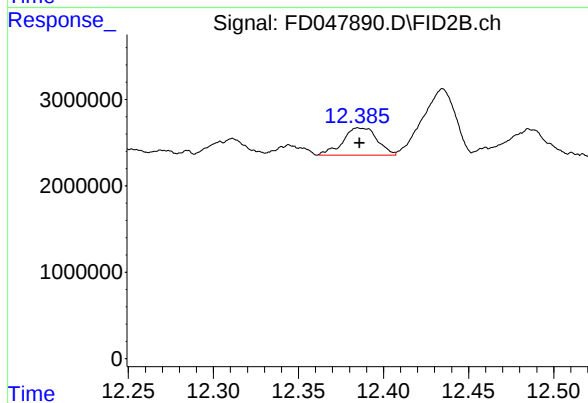
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: 0.032 min
Response: 19524564
Conc: 129.87 ug/ml m



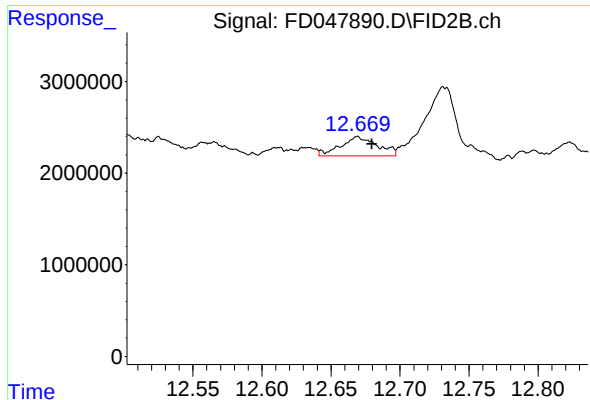
#11 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: 0.024 min
Response: 11450177
Conc: 71.61 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 4445670
Conc: 29.30 ug/ml m



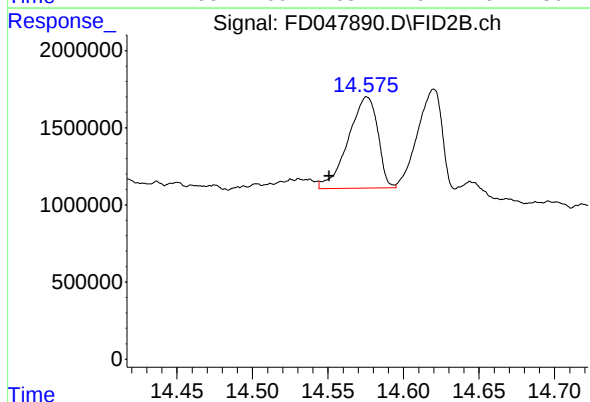
#13 Pyrene (C20.8)

R.T.: 12.669 min
Delta R.T.: -0.010 min
Response: 3855773
Conc: 25.58 ug/ml

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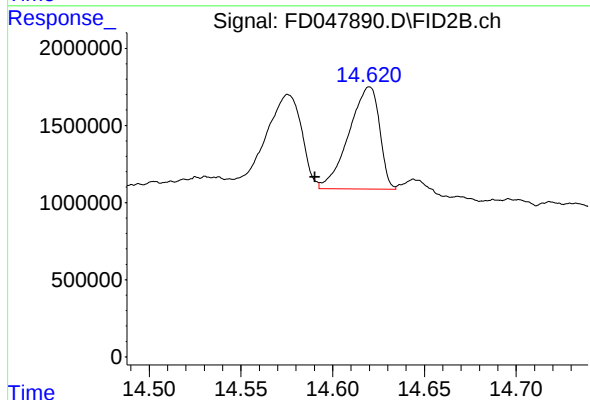
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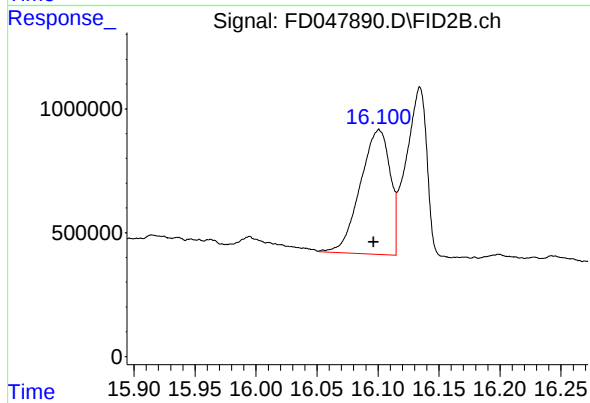
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.575 min
Delta R.T.: 0.024 min
Response: 8068424
Conc: 58.86 ug/ml m



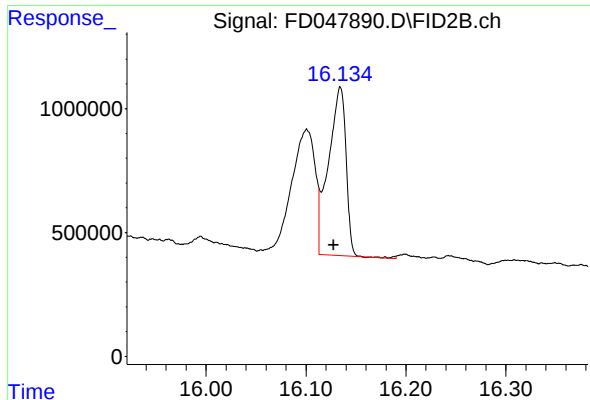
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: 0.029 min
Response: 7680932
Conc: 52.14 ug/ml m



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

R.T.: 16.100 min
Delta R.T.: 0.004 min
Response: 8528047
Conc: 60.59 ug/ml m



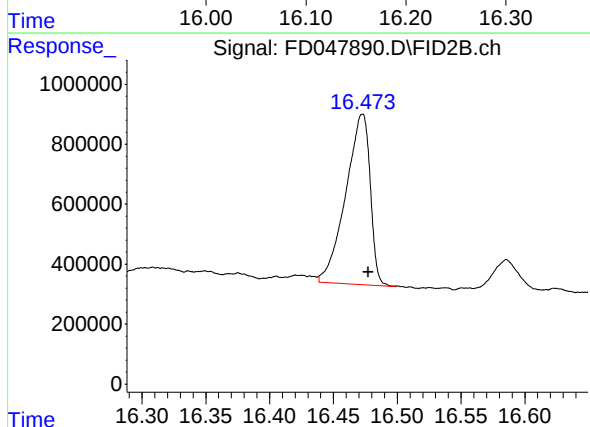
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 8300232
Conc: 60.95 ug/ml

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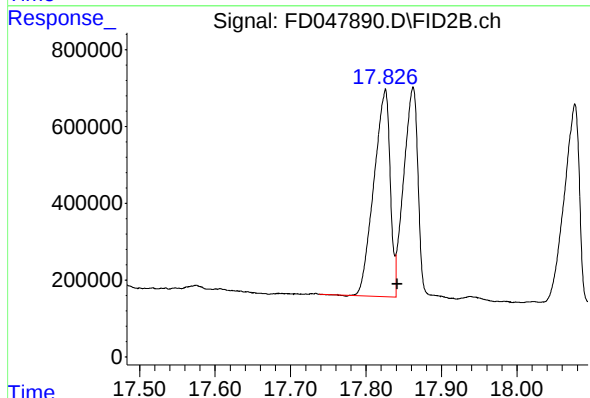
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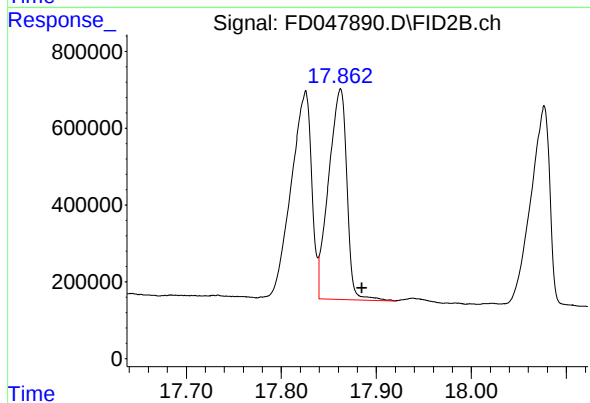
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: -0.004 min
Response: 7592371
Conc: 54.85 ug/ml m



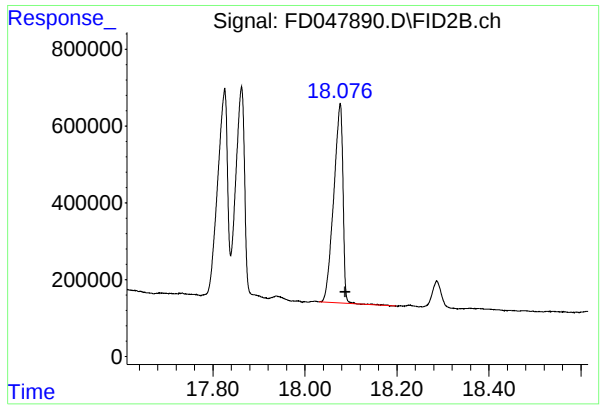
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: -0.017 min
Response: 8070605
Conc: 70.01 ug/ml



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

R.T.: 17.861 min
Delta R.T.: -0.023 min
Response: 7283514
Conc: 54.62 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.012 min
Response: 7266130
Conc: 54.64 ug/ml

Instrument :

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