

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047661.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2024 23:38
 Operator : YP/AJ
 Sample : P2390-05MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PE-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :Ankita Jodhani 05/08/2024

Integration File: autoint1.e

Quant Time: May 08 03:35:23 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 17:13:11 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...	7.462	7366061	46.969 ug/ml
Spiked Amount 50.000		Recovery =	93.94%
6) S 2-Fluorobiphenyl (SURR)	8.316	4758260	45.489 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.98%
11) S ortho-Terphenyl (SURR)	11.355	4783795	25.509 ug/ml
Spiked Amount 50.000		Recovery =	51.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	5713375	35.338 ug/ml
2) T Naphthalene (C11.7)	5.800	6457847	38.166 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	6577938	38.616 ug/ml
5) T Acenaphthylene (C15.06)	8.119	6912210	42.384 ug/ml
7) T Acenaphthene (C15.5)	8.415	6814596	40.540 ug/ml
8) T Flouorene (C16.55)	9.194	7154818	43.012 ug/ml
9) T Phenanthrene (C19.36)	10.585	7549718	46.114 ug/ml
10) T Anthracene (C19.43)	10.661	7458450	49.794 ug/ml
12) T Fluoranthene (C21.85)	12.393	7783261	46.906 ug/ml
13) T Pyrene (C20.8)	12.687	7906179	48.590 ug/ml
14) T Benzo[a]anthracene (C...	14.557	7420846	50.837 ug/ml
15) T Chrysene (C27.41)	14.601	7362672	46.722 ug/ml
16) T benzo[b]fluoranthene ...	16.105	7245517	48.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	7126931	47.339 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.483	7020748	48.656 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	7404552	54.558 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	6813204	47.586 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	6613103	48.166 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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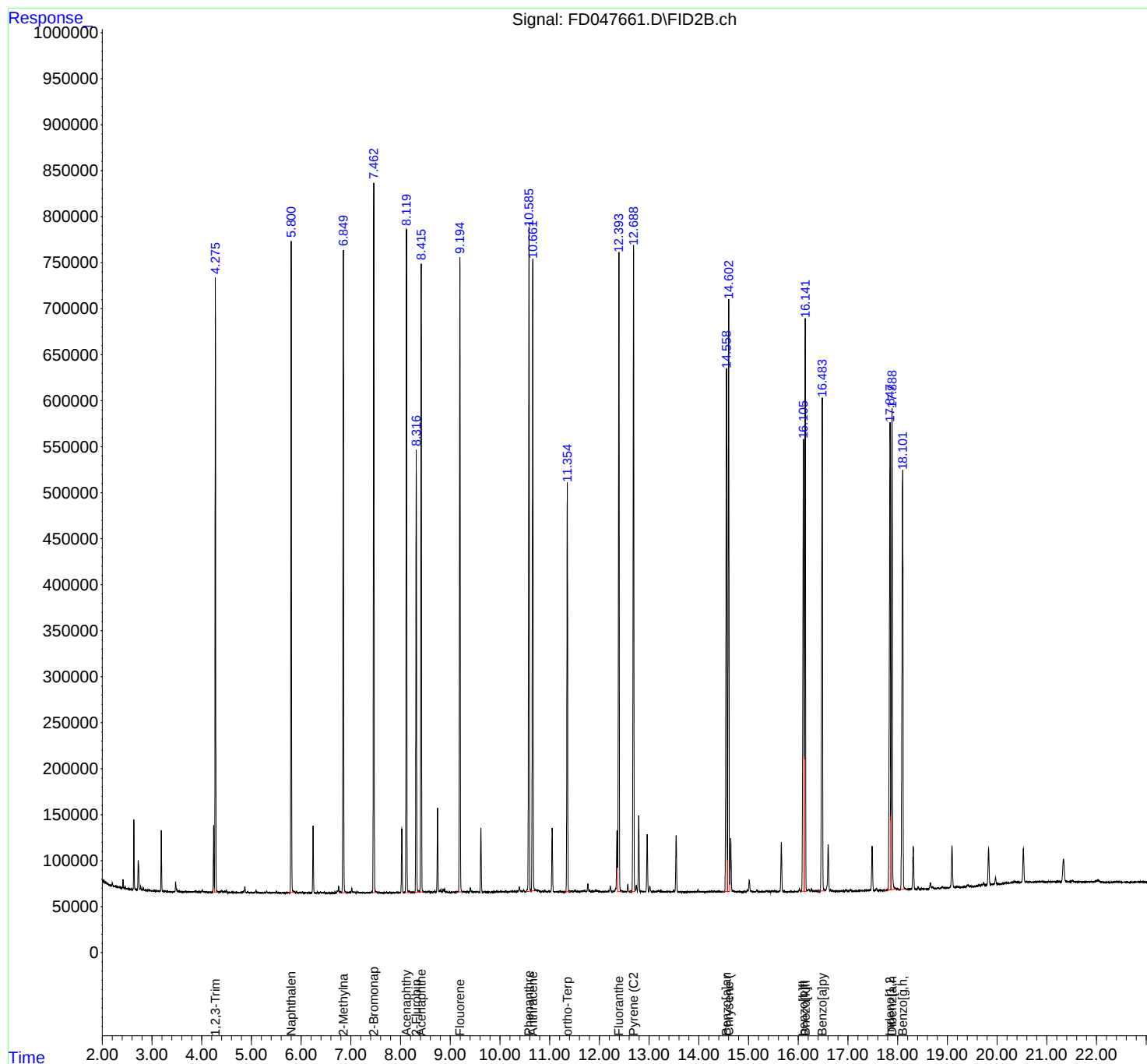
Instrument :
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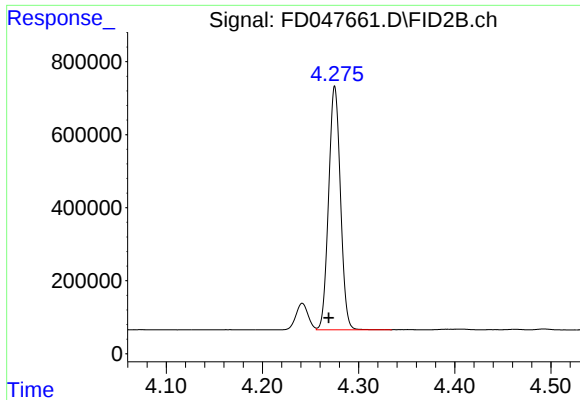
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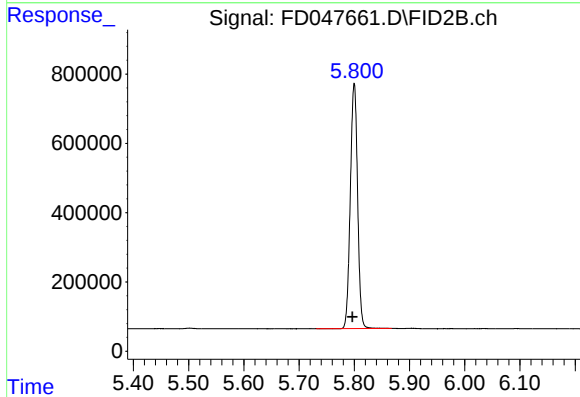
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 5713375
Conc: 35.34 ug/ml

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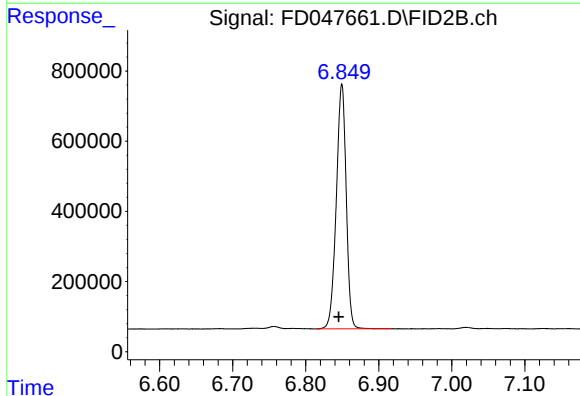
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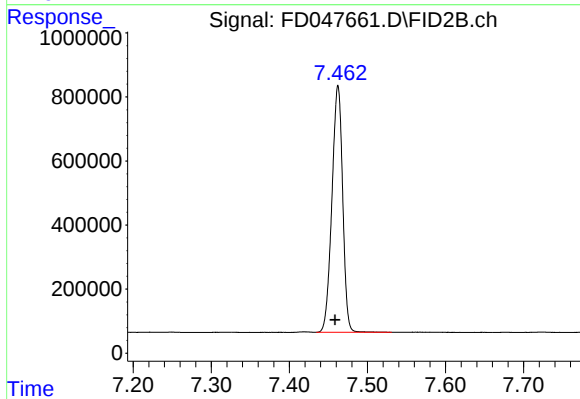
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 6457847
Conc: 38.17 ug/ml



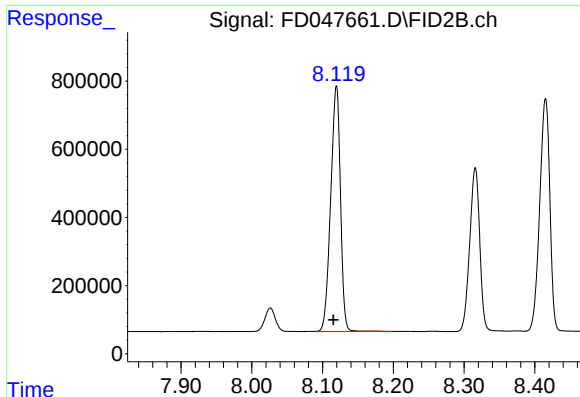
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.004 min
Response: 6577938
Conc: 38.62 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.462 min
Delta R.T.: 0.004 min
Response: 7366061
Conc: 46.97 ug/ml



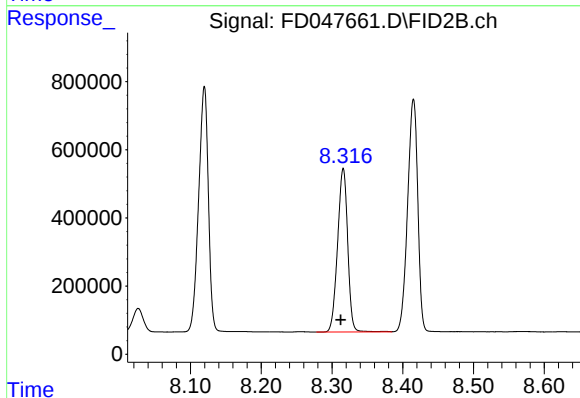
#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 6912210
Conc: 42.38 ug/ml

Instrument :
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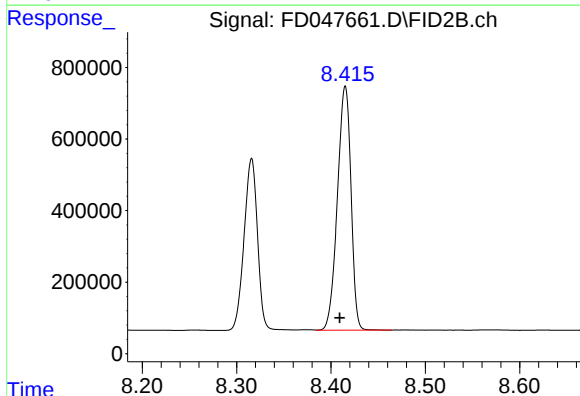
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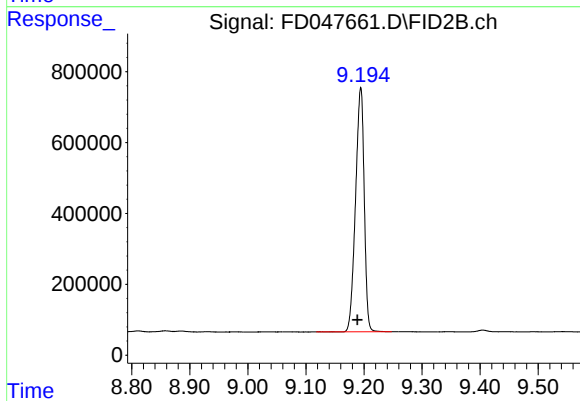
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 4758260
Conc: 45.49 ug/ml



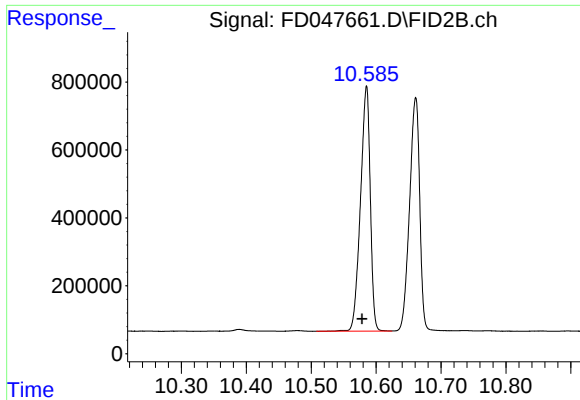
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.006 min
Response: 6814596
Conc: 40.54 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.005 min
Response: 7154818
Conc: 43.01 ug/ml



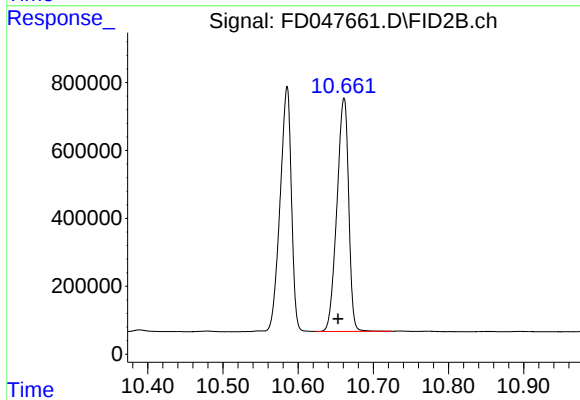
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.006 min
Response: 7549718
Conc: 46.11 ug/ml

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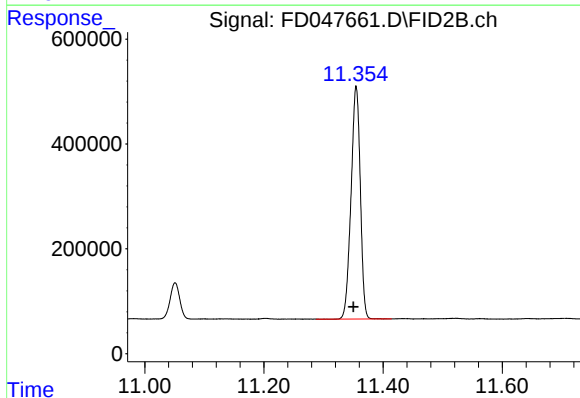
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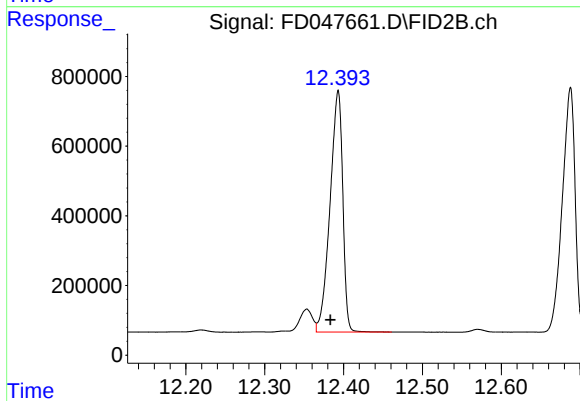
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.007 min
Response: 7458450
Conc: 49.79 ug/ml



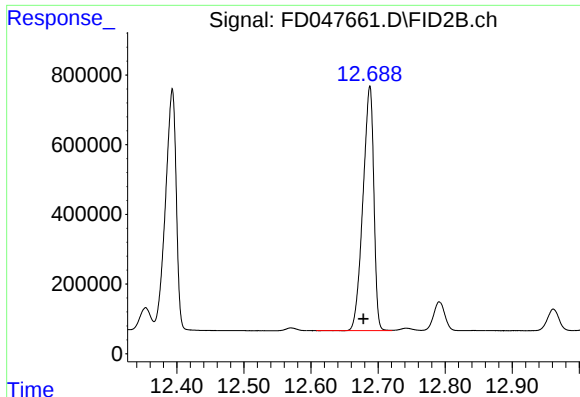
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.004 min
Response: 4783795
Conc: 25.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.009 min
Response: 7783261
Conc: 46.91 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.687 min
Delta R.T.: 0.009 min
Response: 7906179
Conc: 48.59 ug/ml

Instrument :

FID_D

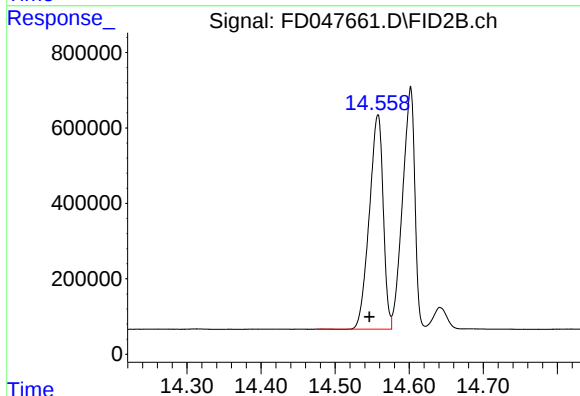
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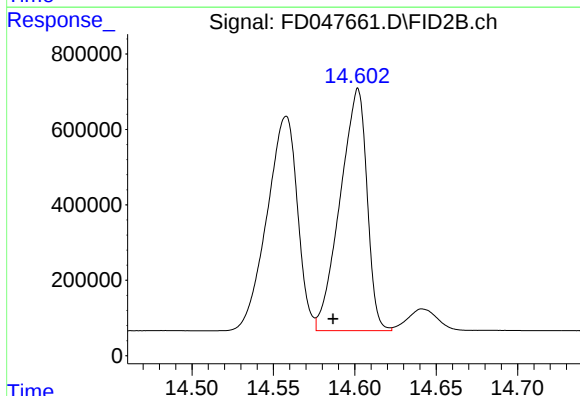
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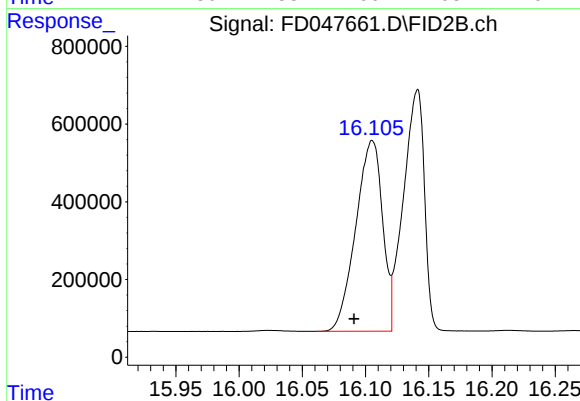
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.011 min
Response: 7420846
Conc: 50.84 ug/ml



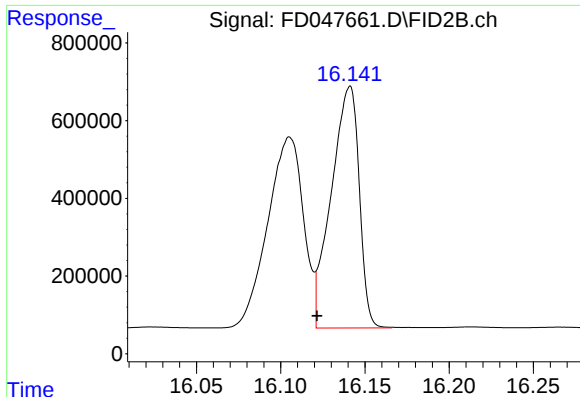
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: 0.014 min
Response: 7362672
Conc: 46.72 ug/ml



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

R.T.: 16.105 min
Delta R.T.: 0.014 min
Response: 7245517
Conc: 48.51 ug/ml



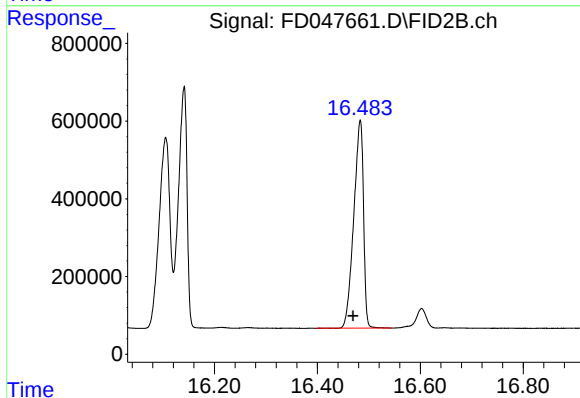
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.141 min
Delta R.T.: 0.020 min
Response: 7126931
Conc: 47.34 ug/ml

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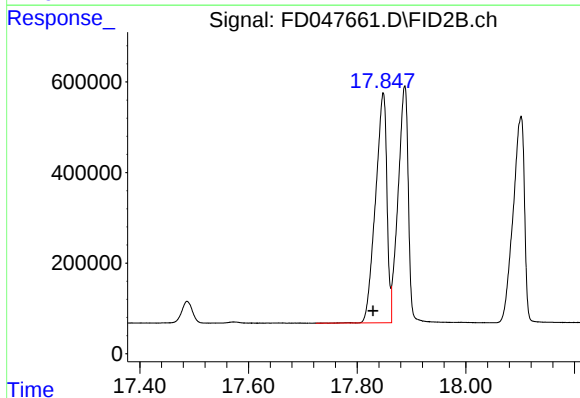
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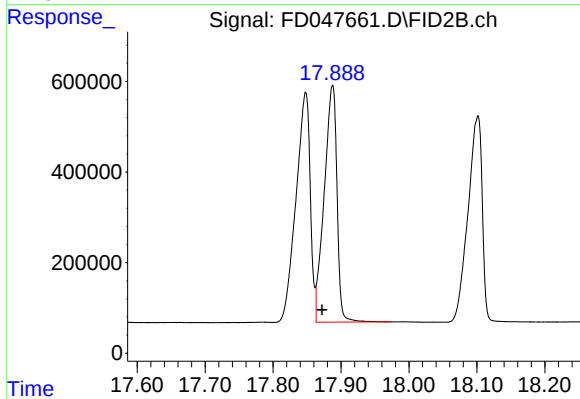
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.014 min
Response: 7020748
Conc: 48.66 ug/ml



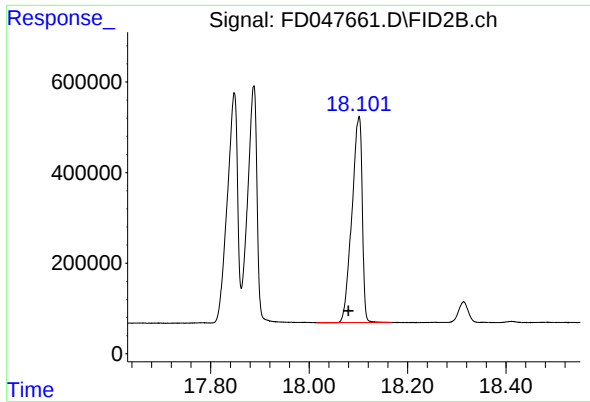
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.018 min
Response: 7404552
Conc: 54.56 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.015 min
Response: 6813204
Conc: 47.59 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.021 min
Response: 6613103
Conc: 48.17 ug/ml

Instrument :
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