

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047559.D
 Signal(s) : FID2B.ch
 Acq On : 24 Apr 2024 16:58
 Operator : YP/AJ
 Sample : PB160478BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160478BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/25/2024

Supervised By :Ankita Jodhani 04/25/2024

Integration File: autoint1.e

Quant Time: Apr 25 02:06:08 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M

Quant Title : GC Extractables

QLast Update : Mon Apr 01 16:48:10 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...	7.463	9262550	61.957 ug/ml
Spiked Amount 50.000		Recovery =	123.91%
6) S 2-Fluorobiphenyl (SURR)	8.317	6092744	62.357 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.71%
11) S ortho-Terphenyl (SURR)	11.356	8419459	49.114 ug/ml
Spiked Amount 50.000		Recovery =	98.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	7868099	49.793 ug/ml
2) T Naphthalene (C11.7)	5.801	9064036	55.390 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	9412505	57.225 ug/ml
5) T Acenaphthylene (C15.06)	8.121	10014352	66.347 ug/ml
7) T Acenaphthene (C15.5)	8.417	9942086	62.075 ug/ml
8) T Flouorene (C16.55)	9.196	10211138	66.006 ug/ml
9) T Phenanthrene (C19.36)	10.587	10100609	67.889 ug/ml
10) T Anthracene (C19.43)	10.663	9882224	72.660 ug/ml
12) T Fluoranthene (C21.85)	12.394	9977492	67.493 ug/ml
13) T Pyrene (C20.8)	12.688	10093237	69.936 ug/ml
14) T Benzo[a]anthracene (C...	14.558	9389052	71.393 ug/ml
15) T Chrysene (C27.41)	14.602	9255601	65.638 ug/mlm
16) T benzo[b]fluoranthene ...	16.106	9496666	68.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	9183532	66.026 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.483	9150041	66.641 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	9471814	70.219 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	8557070	63.670 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.102	8599368	61.959 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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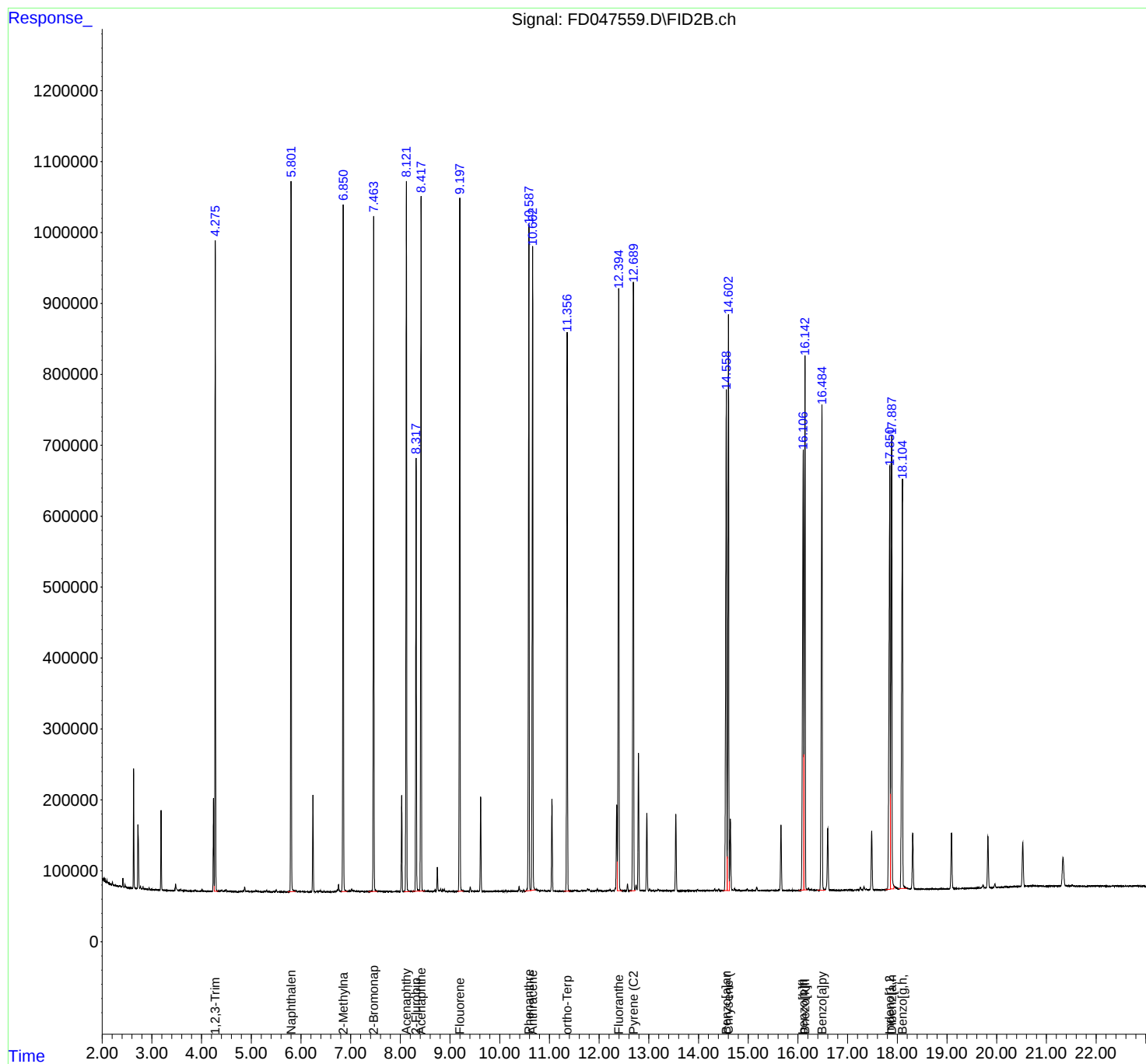
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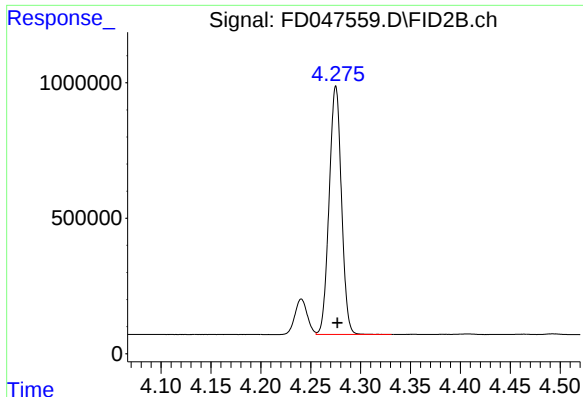
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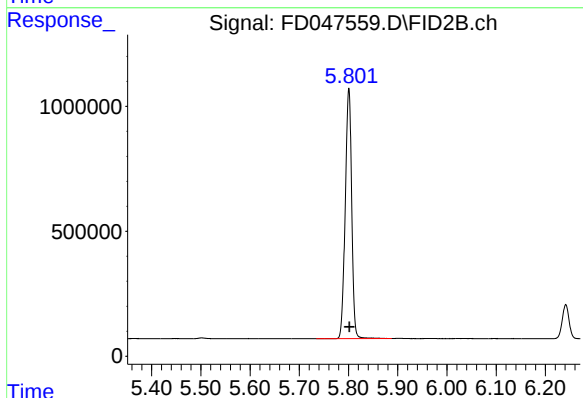
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: -0.002 min
Response: 7868099
Conc: 49.79 ug/ml

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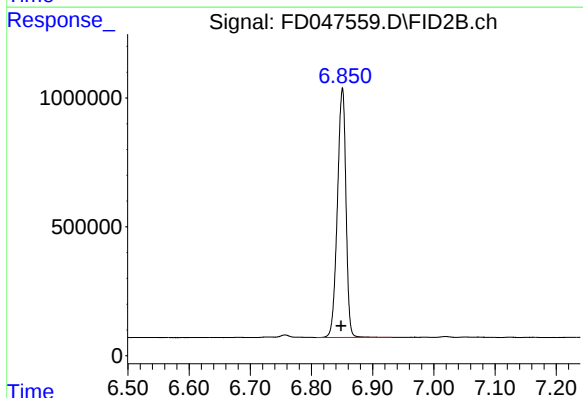
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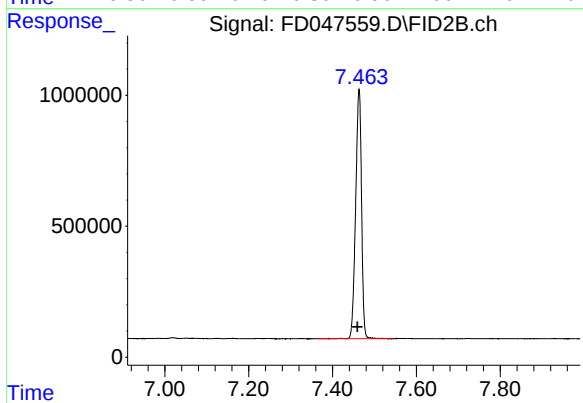
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 9064036
Conc: 55.39 ug/ml



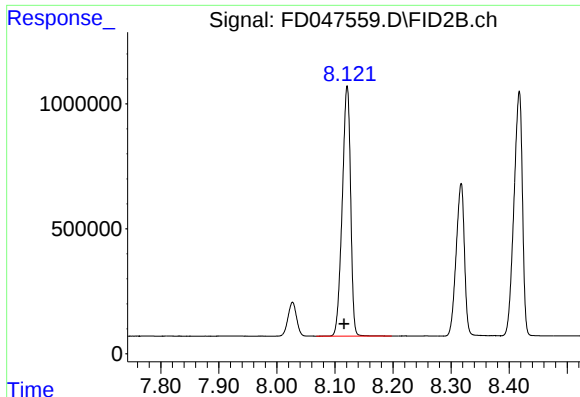
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 9412505
Conc: 57.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 9262550
Conc: 61.96 ug/ml



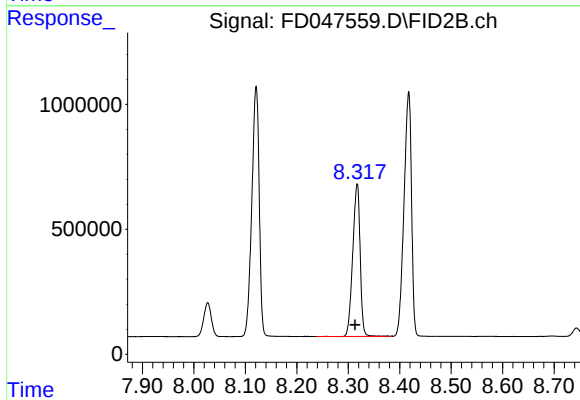
#5 Acenaphthylene (C15.06)

R.T.: 8.121 min
Delta R.T.: 0.005 min
Response: 10014352
Conc: 66.35 ug/ml

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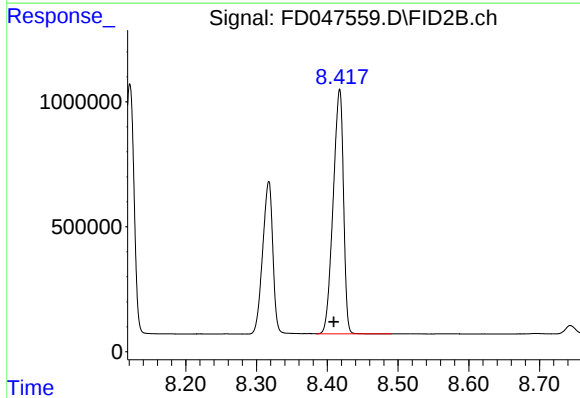
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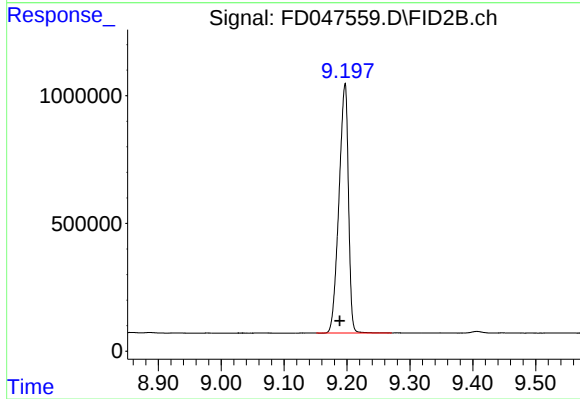
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 6092744
Conc: 62.36 ug/ml



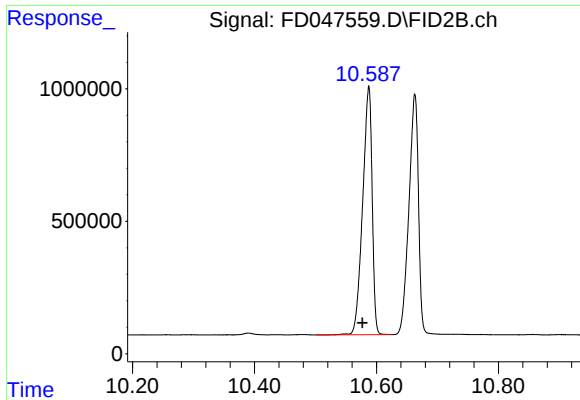
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.008 min
Response: 9942086
Conc: 62.07 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: 0.008 min
Response: 10211138
Conc: 66.01 ug/ml



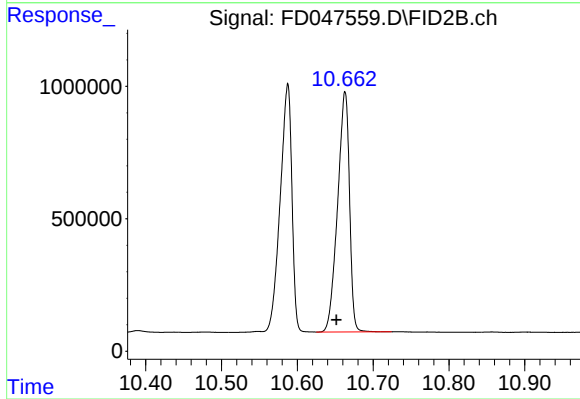
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.010 min
Response: 10100609
Conc: 67.89 ug/ml

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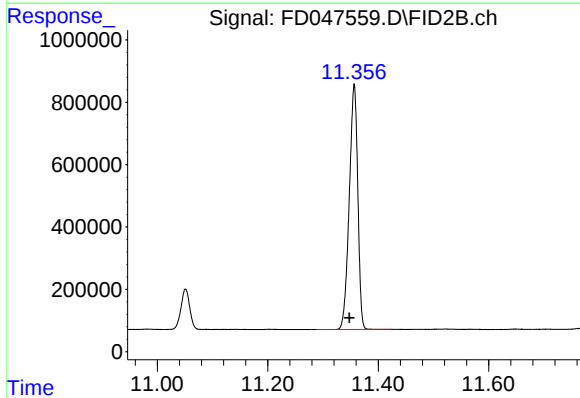
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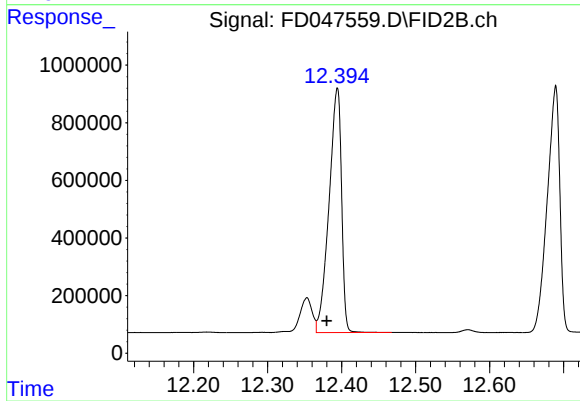
#10 Anthracene (C19.43)

R.T.: 10.663 min
Delta R.T.: 0.011 min
Response: 9882224
Conc: 72.66 ug/ml



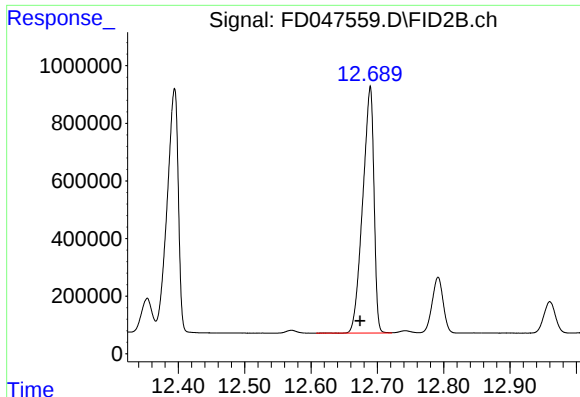
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.009 min
Response: 8419459
Conc: 49.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: 0.014 min
Response: 9977492
Conc: 67.49 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.015 min
Response: 10093237
Conc: 69.94 ug/ml

Instrument :

FID_D

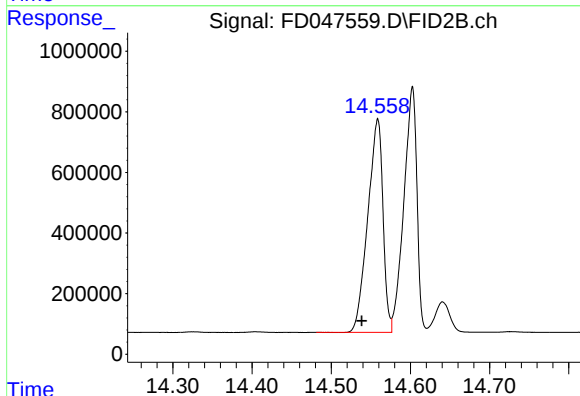
ClientSampleId :

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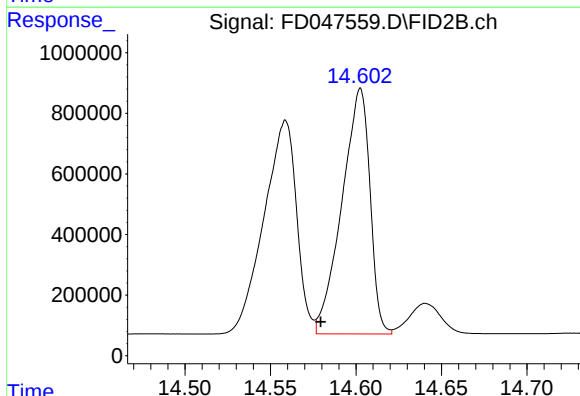
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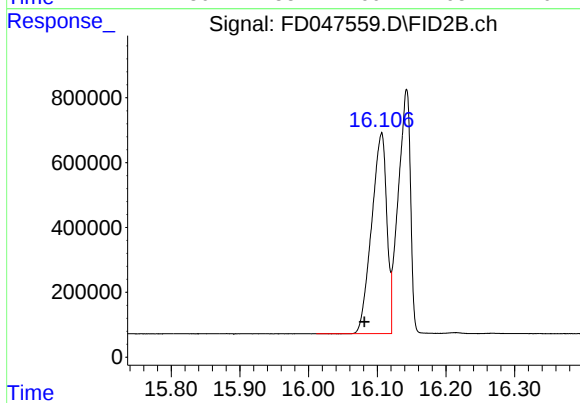
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: 0.020 min
Response: 9389052
Conc: 71.39 ug/ml



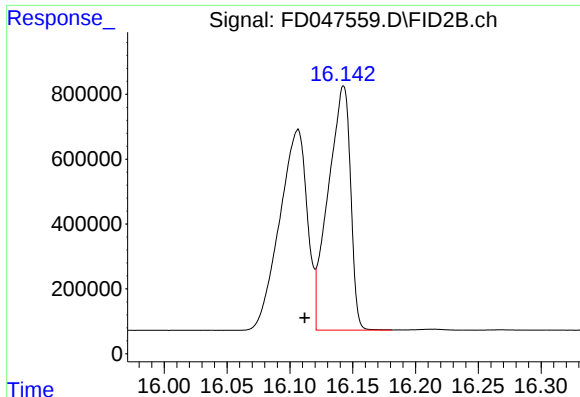
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.023 min
Response: 9255601
Conc: 65.64 ug/ml m



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

R.T.: 16.106 min
Delta R.T.: 0.025 min
Response: 9496666
Conc: 68.07 ug/ml



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

R.T.: 16.142 min
Delta R.T.: 0.030 min
Response: 9183532
Conc: 66.03 ug/ml

Instrument :

FID_D

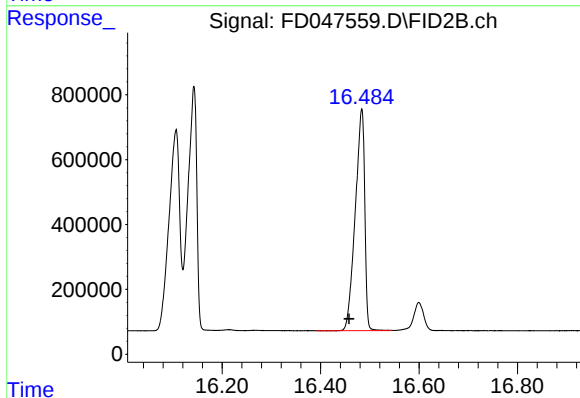
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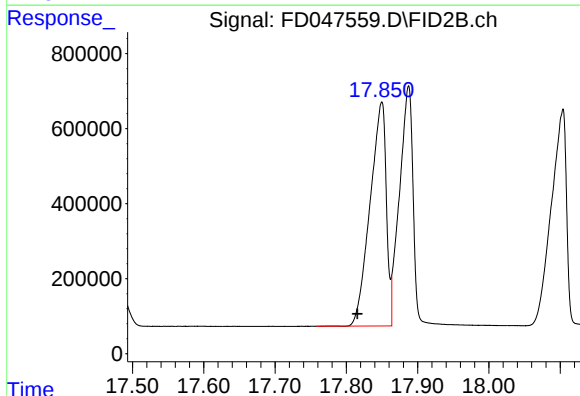
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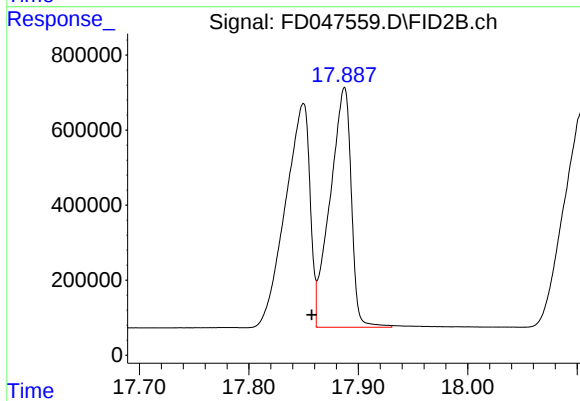
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.025 min
Response: 9150041
Conc: 66.64 ug/ml



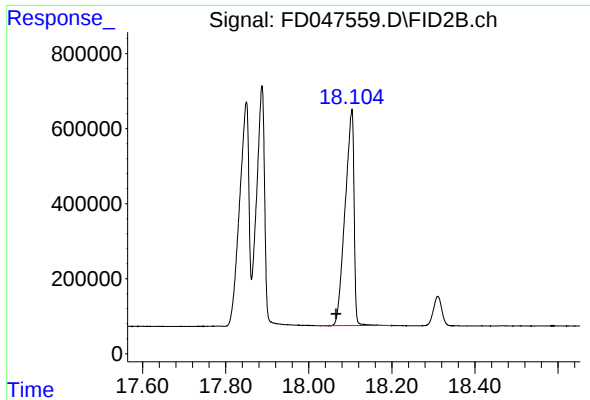
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min
Delta R.T.: 0.033 min
Response: 9471814
Conc: 70.22 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.030 min
Response: 8557070
Conc: 63.67 ug/ml m



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

R.T.: 18.102 min
Delta R.T.: 0.037 min
Response: 8599368
Conc: 61.96 ug/ml

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