

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047090.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 11:59
 Operator : YP/AJ
 Sample : 05993-02MS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 E8965C-S-002MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:25:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 2023
 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...	7.474	9505098	57.335 ug/ml
Spiked Amount 50.000		Recovery =	114.67%
6) S 2-Fluorobiphenyl (SURR)	8.326	5371855	51.550 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.10%
11) S ortho-Terphenyl (SURR)	11.362	6932834	35.901 ug/ml
Spiked Amount 50.000		Recovery =	71.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	68990772	382.383 ug/mlm
2) T Naphthalene (C11.7)	5.819	16756746	91.035 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	9400478	51.215 ug/ml
5) T Acenaphthylene (C15.06)	8.130	9823943	58.566 ug/ml
7) T Acenaphthene (C15.5)	8.427	9677877	53.809 ug/ml
8) T Fluorene (C16.55)	9.205	10116035	61.032 ug/ml
9) T Phenanthrene (C19.36)	10.594	10662810	68.358 ug/ml
10) T Anthracene (C19.43)	10.670	9981056	68.907 ug/ml
12) T Fluoranthene (C21.85)	12.399	10994821	72.633 ug/ml
13) T Pyrene (C20.8)	12.694	10969673	74.797 ug/ml
14) T Benzo[a]anthracene (C...	14.556	9245719	75.131 ug/ml
15) T Chrysene (C27.41)	14.602	9371475	66.761 ug/ml
16) T benzo[b]fluoranthene ...	16.100	9224416	71.612 ug/ml
17) T Bnezo[k]fluoranthene ...	16.137	8828813	66.379 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.477	8558277	67.347 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	8912364	80.390 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	7660934	59.956 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	8231825	64.253 ug/ml

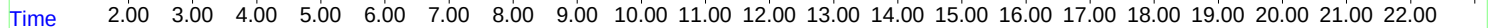
(f)=RT Delta > 1/2 Window

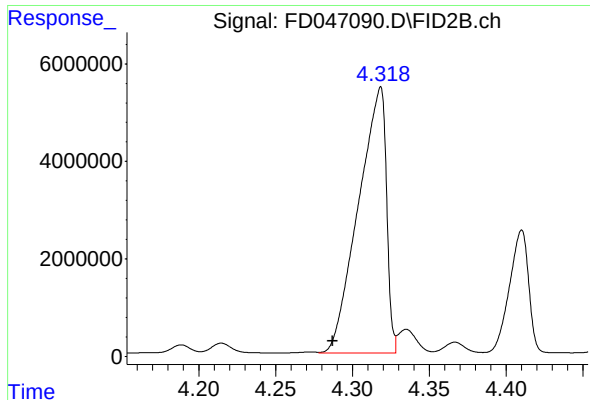
(m)=manual int.

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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.: 4.318 min
Delta R.T.: 0.031 min
Response: 68990772
Conc: 382.38 ug/ml

Instrument :

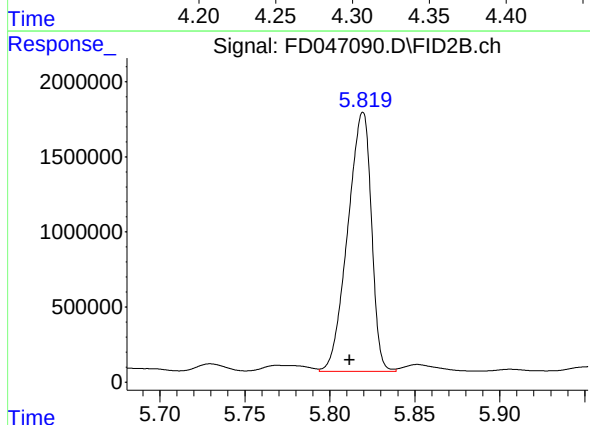
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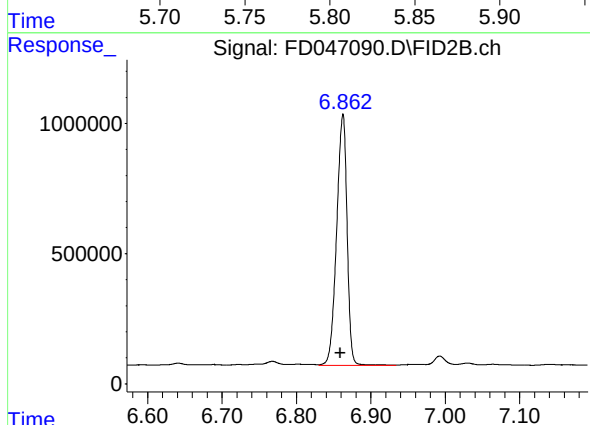
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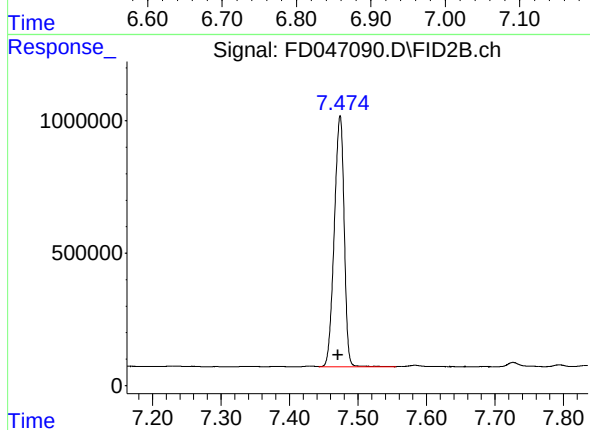
#2 Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: 0.007 min
Response: 16756746
Conc: 91.03 ug/ml



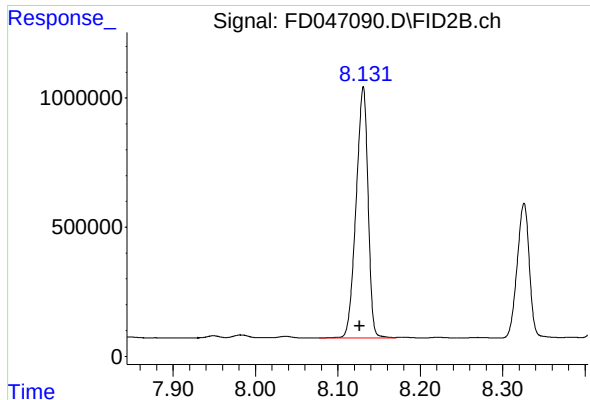
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: 0.003 min
Response: 9400478
Conc: 51.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.474 min
Delta R.T.: 0.003 min
Response: 9505098
Conc: 57.33 ug/ml



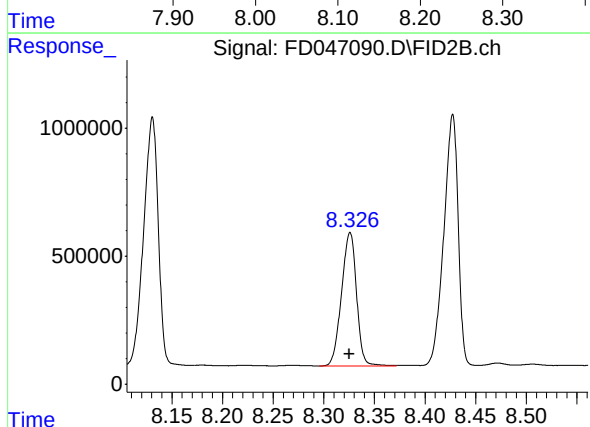
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: 0.004 min
Response: 9823943
Conc: 58.57 ug/ml

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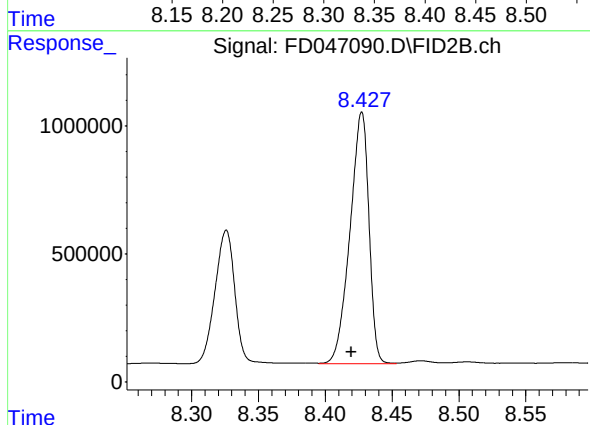
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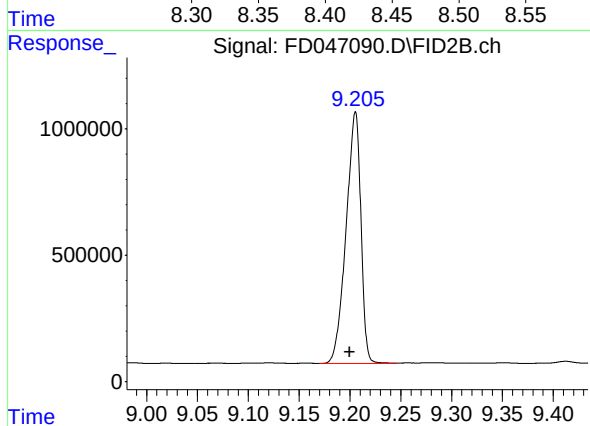
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 5371855
Conc: 51.55 ug/ml



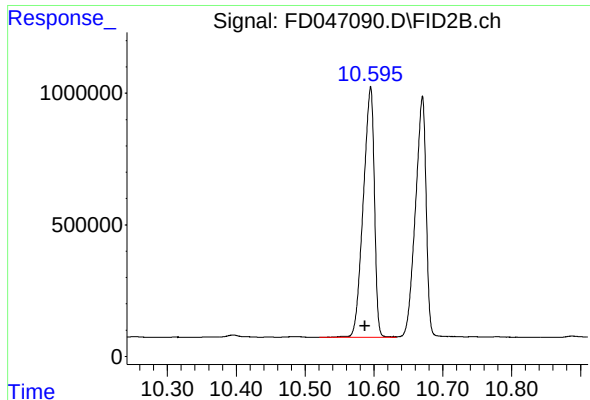
#7 Acenaphthene (C15.5)

R.T.: 8.427 min
Delta R.T.: 0.007 min
Response: 9677877
Conc: 53.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.205 min
Delta R.T.: 0.005 min
Response: 10116035
Conc: 61.03 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.594 min
Delta R.T.: 0.008 min
Response: 10662810
Conc: 68.36 ug/ml

Instrument :

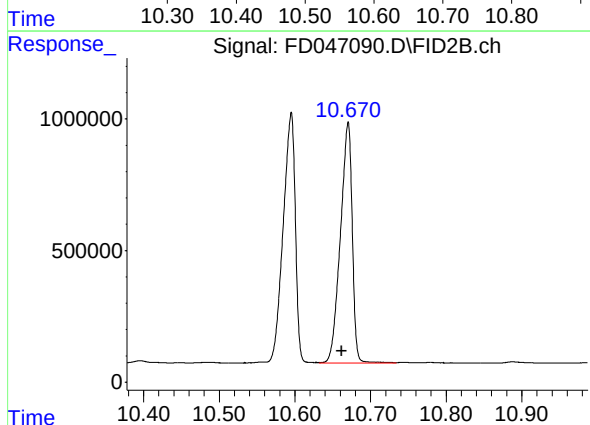
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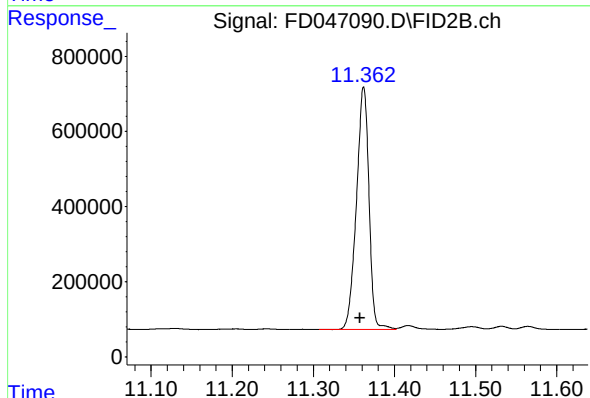
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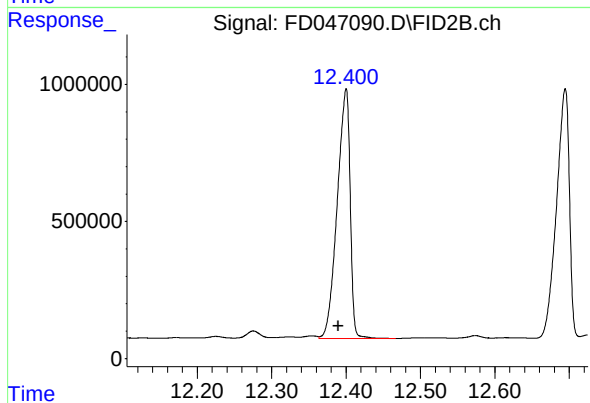
#10 Anthracene (C19.43)

R.T.: 10.670 min
Delta R.T.: 0.008 min
Response: 9981056
Conc: 68.91 ug/ml



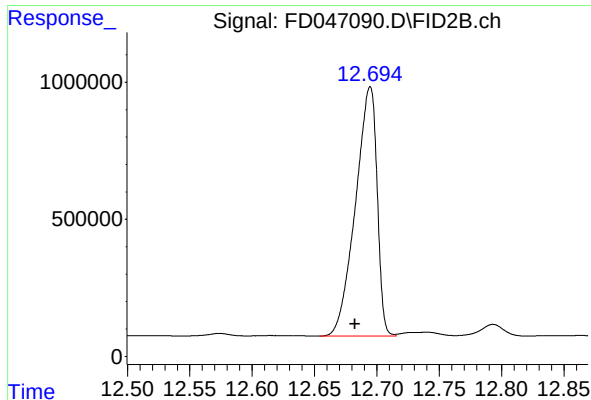
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.004 min
Response: 6932834
Conc: 35.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.399 min
Delta R.T.: 0.010 min
Response: 10994821
Conc: 72.63 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.694 min
Delta R.T.: 0.012 min
Response: 10969673
Conc: 74.80 ug/ml

Instrument :

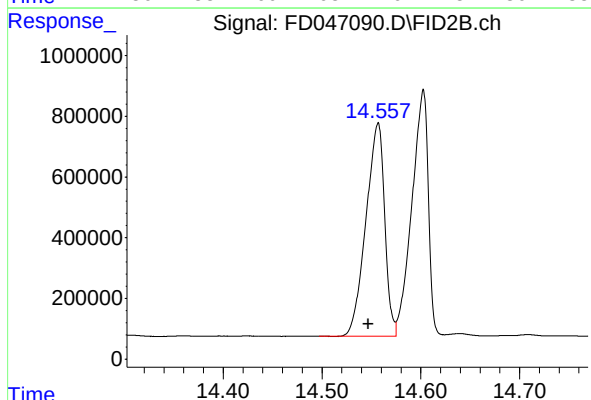
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ClientSampleId :

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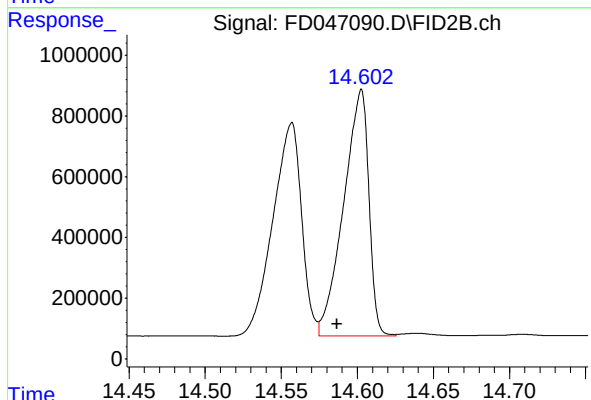
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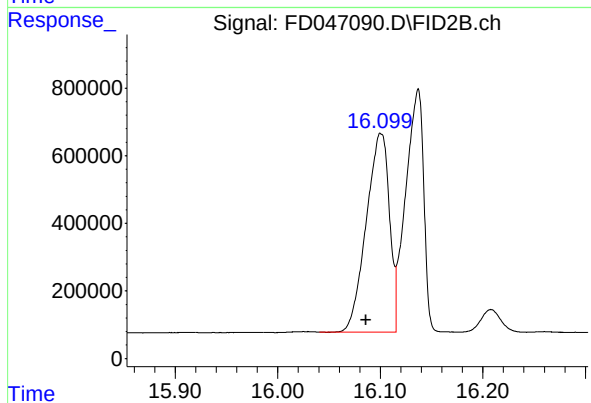
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: 0.009 min
Response: 9245719
Conc: 75.13 ug/ml



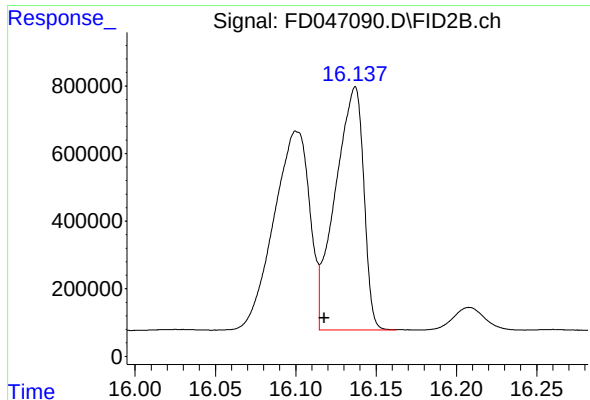
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.015 min
Response: 9371475
Conc: 66.76 ug/ml



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

R.T.: 16.100 min
Delta R.T.: 0.014 min
Response: 9224416
Conc: 71.61 ug/ml



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

R.T.: 16.137 min
Delta R.T.: 0.019 min
Response: 8828813
Conc: 66.38 ug/ml

Instrument :

FID_D

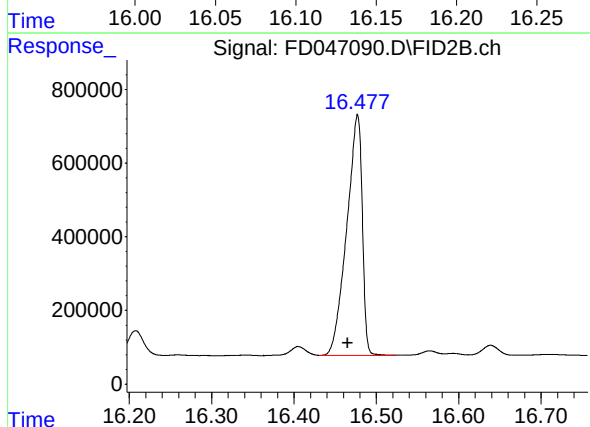
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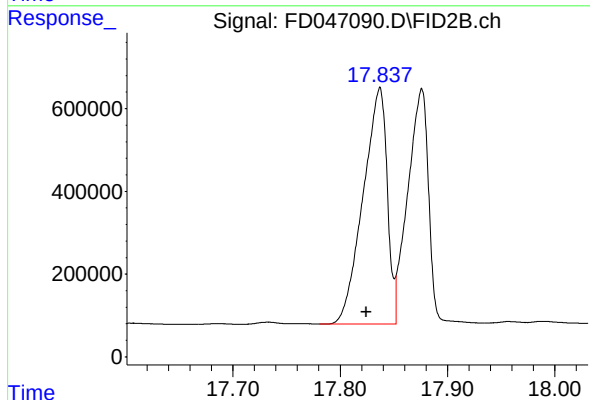
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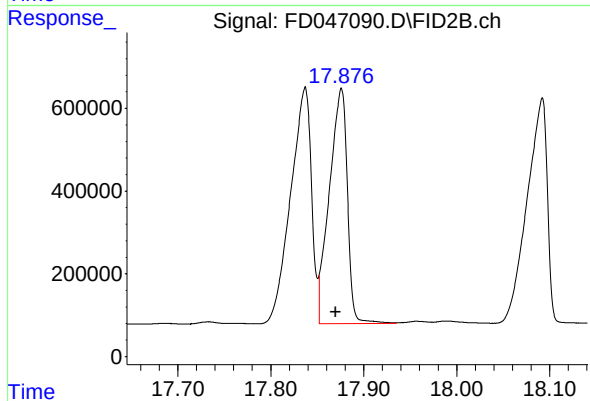
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: 0.012 min
Response: 8558277
Conc: 67.35 ug/ml



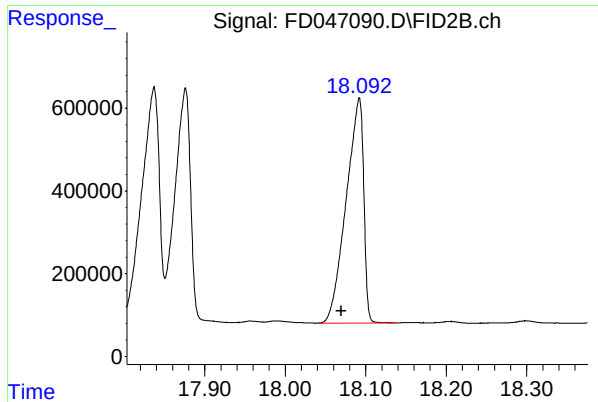
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.012 min
Response: 8912364
Conc: 80.39 ug/ml



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

R.T.: 17.875 min
Delta R.T.: 0.005 min
Response: 7660934
Conc: 59.96 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.021 min
Response: 8231825
Conc: 64.25 ug/ml

Instrument :

FID_D

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