

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110322AR\
 Data File : FD044384.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2022 16:50
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 05:54:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 05:41:11 2022
 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...	7.713	6664480	51.512 ug/ml
Spiked Amount 50.000		Recovery =	103.02%
6) S 2-Fluorobiphenyl (SURR)	8.576	4571536	51.242 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.48%
11) S ortho-Terphenyl (SURR)	11.618	8402449	51.230 ug/mlm
Spiked Amount 50.000		Recovery =	102.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.510	7201097	51.565 ug/mlm
2) T Naphthalene (C11.7)	6.052	7664737	51.527 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	7772281	51.584 ug/ml
5) T Acenaphthylene (C15.06)	8.381	7244073	51.295 ug/ml
7) T Acenaphthene (C15.5)	8.677	7576287	51.455 ug/ml
8) T Flouorene (C16.55)	9.457	7517402	51.433 ug/ml
9) T Phenanthrene (C19.36)	10.854	7397585	51.383 ug/ml
10) T Anthracene (C19.43)	10.929	7184904	51.266 ug/ml
12) T Fluoranthene (C21.85)	12.664	7459545	51.358 ug/ml
13) T Pyrene (C20.8)	12.962	7316503	51.376 ug/ml
14) T Benzo[a]anthracene (C...	14.829	6901355	51.446 ug/ml
15) T Chrysene (C27.41)	14.873	7199971	51.453 ug/ml
16) T benzo[b]fluoranthene ...	16.375	7089987	51.361 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	6984666	51.460 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.756	6924981	51.439 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.115	6823313	51.527 ug/ml
20) T Dibenz[a,h]anthracene...	18.155	6587154	51.402 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	6769076	51.514 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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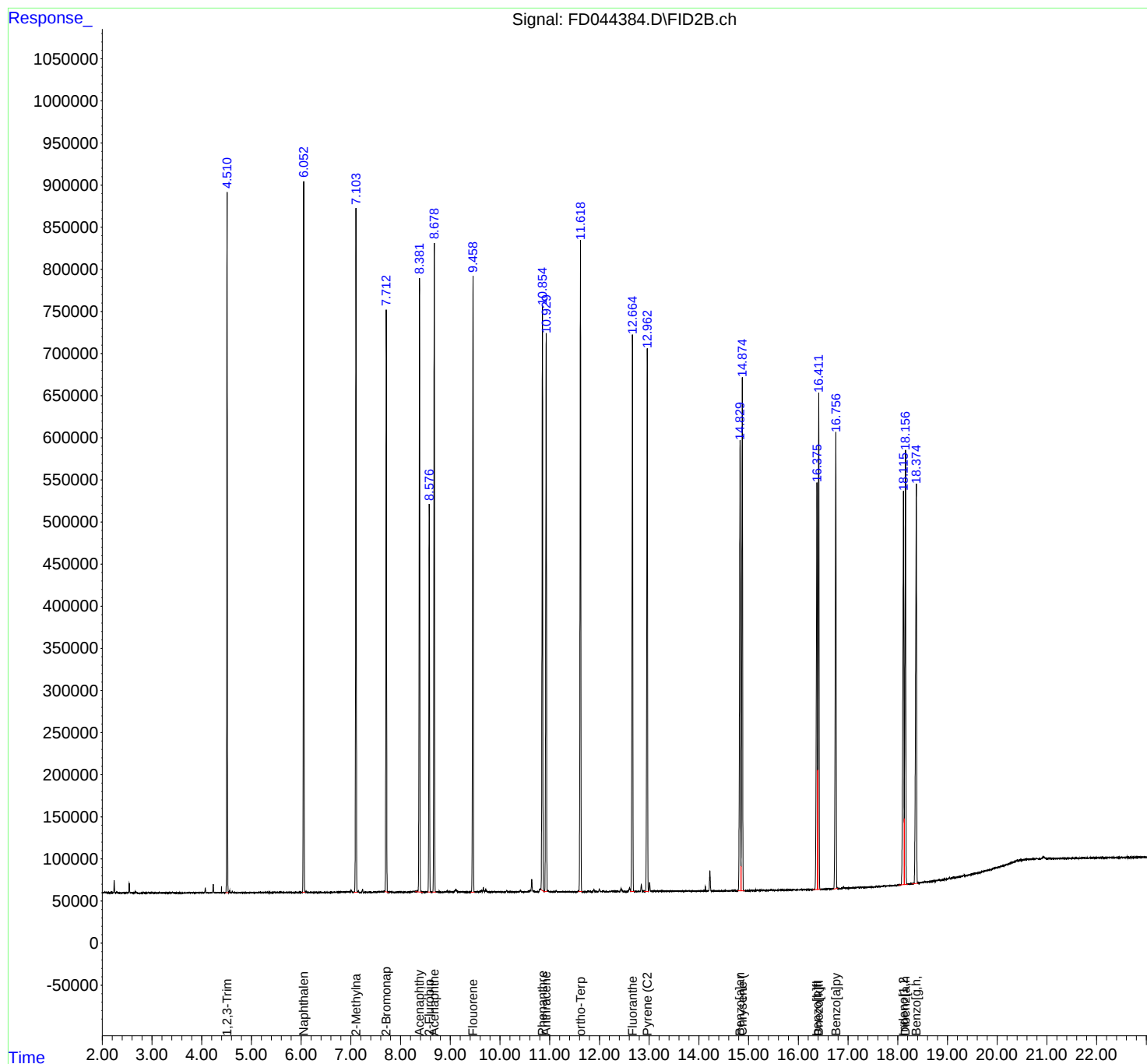
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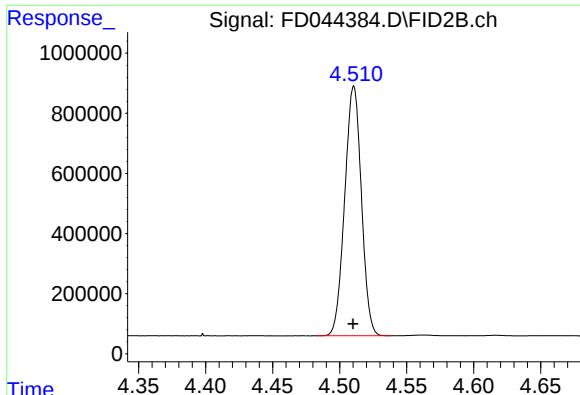
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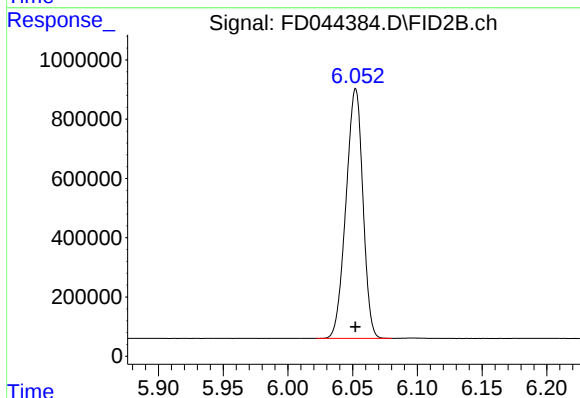
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 7201097
Conc: 51.56 ug/ml

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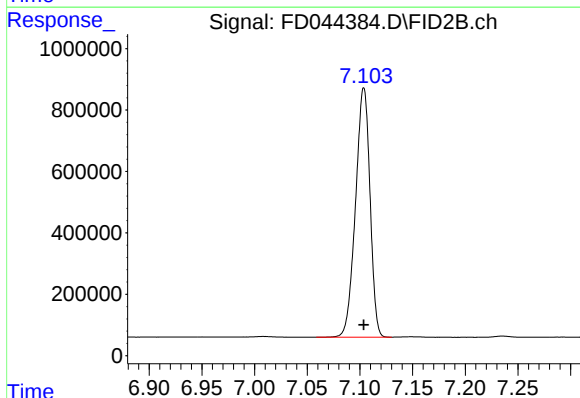
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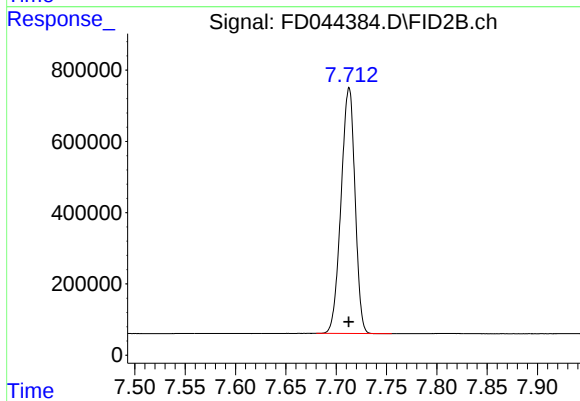
#2 Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 7664737
Conc: 51.53 ug/ml



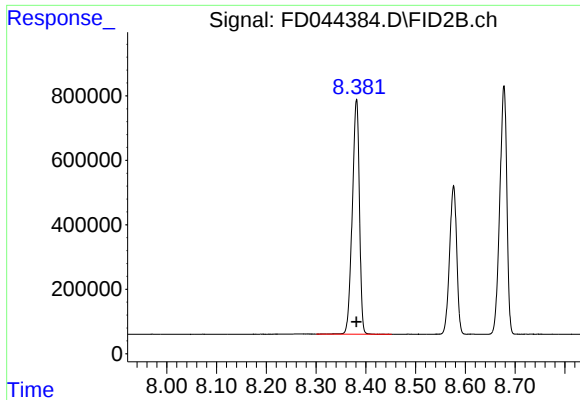
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 7772281
Conc: 51.58 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.713 min
Delta R.T.: 0.000 min
Response: 6664480
Conc: 51.51 ug/ml



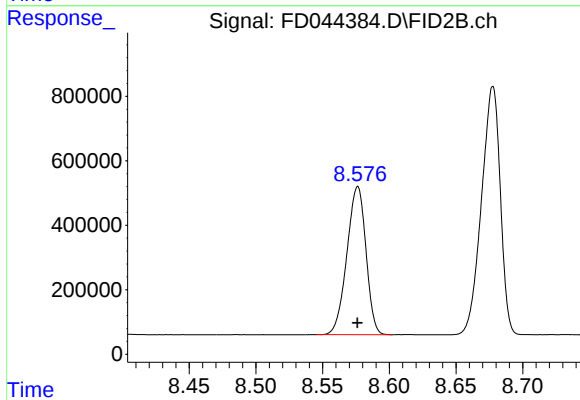
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 7244073
Conc: 51.30 ug/ml

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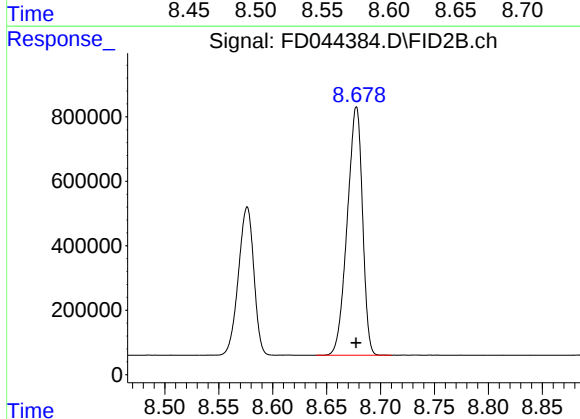
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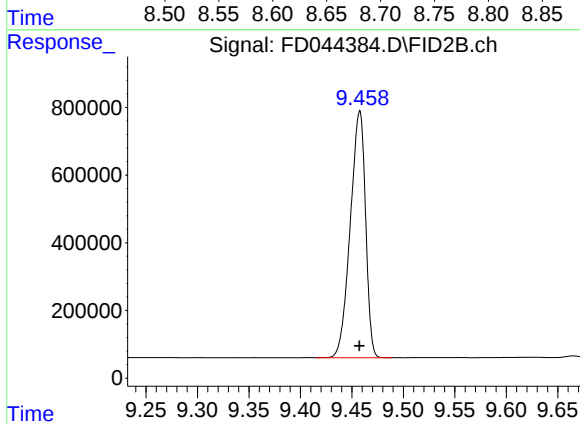
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 4571536
Conc: 51.24 ug/ml m



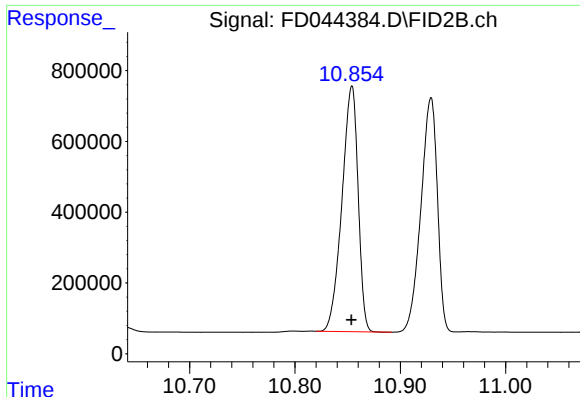
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 7576287
Conc: 51.46 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 7517402
Conc: 51.43 ug/ml



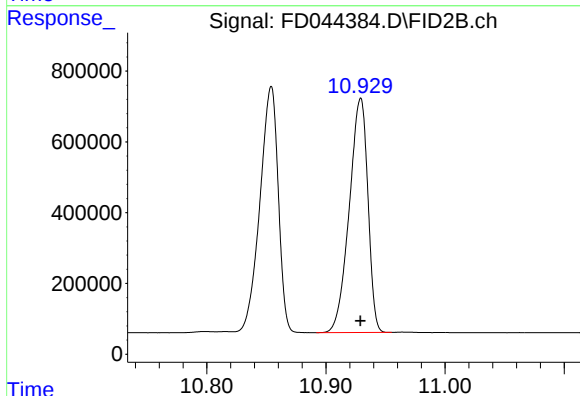
#9 Phenanthrene (C19.36)

R.T.: 10.854 min
Delta R.T.: 0.000 min
Response: 7397585
Conc: 51.38 ug/ml

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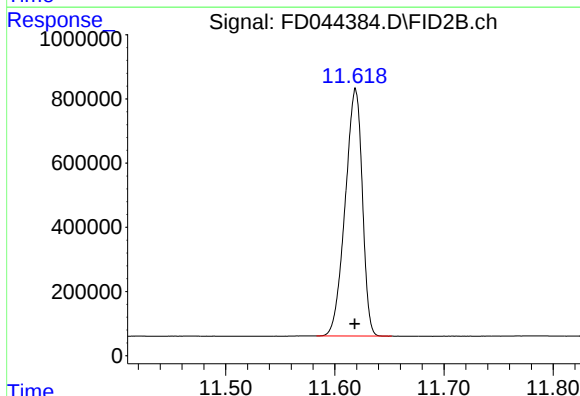
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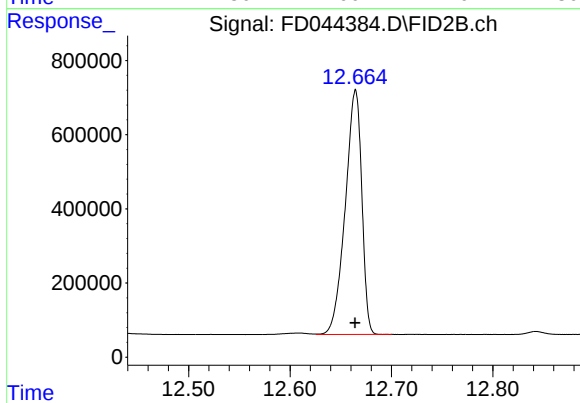
#10 Anthracene (C19.43)

R.T.: 10.929 min
Delta R.T.: 0.000 min
Response: 7184904
Conc: 51.27 ug/ml



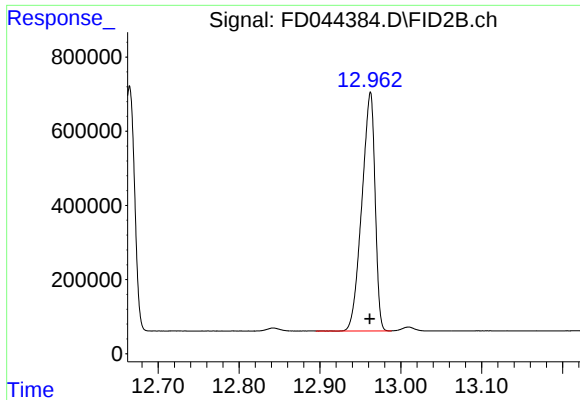
#11 ortho-Terphenyl (SURR)

R.T.: 11.618 min
Delta R.T.: 0.000 min
Response: 8402449
Conc: 51.23 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.664 min
Delta R.T.: 0.000 min
Response: 7459545
Conc: 51.36 ug/ml



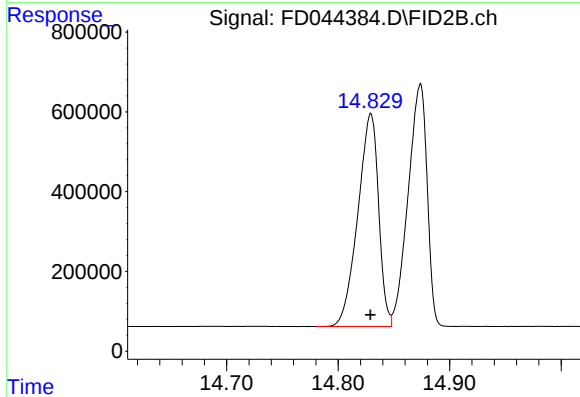
#13 Pyrene (C20.8)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 7316503
Conc: 51.38 ug/ml

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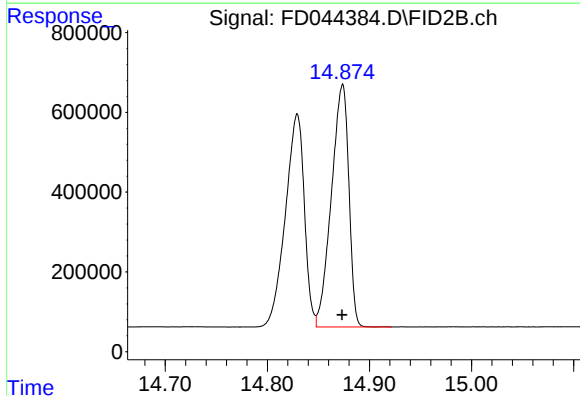
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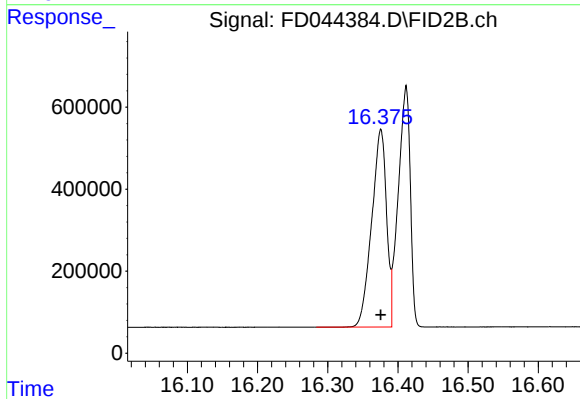
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min
Delta R.T.: 0.000 min
Response: 6901355
Conc: 51.45 ug/ml



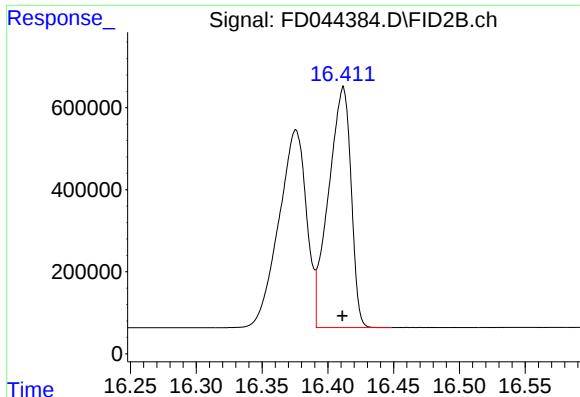
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.000 min
Response: 7199971
Conc: 51.45 ug/ml



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

R.T.: 16.375 min
Delta R.T.: 0.000 min
Response: 7089987
Conc: 51.36 ug/ml



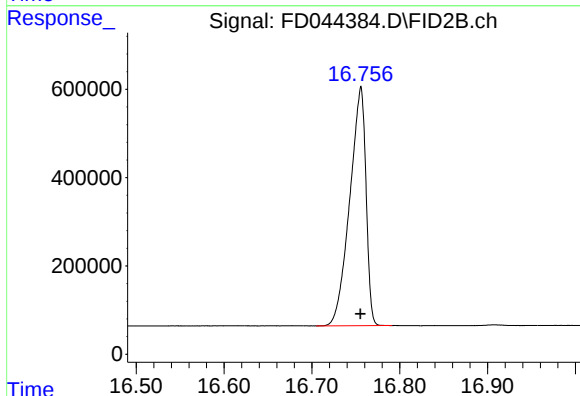
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.411 min
Delta R.T.: 0.000 min
Response: 6984666
Conc: 51.46 ug/ml

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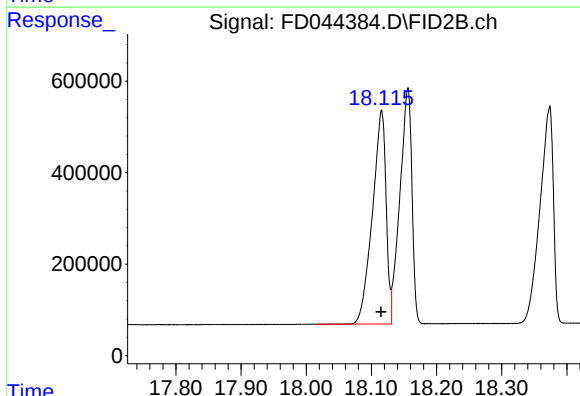
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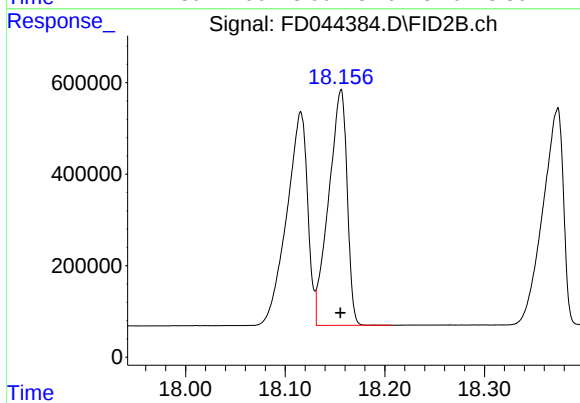
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.756 min
Delta R.T.: 0.000 min
Response: 6924981
Conc: 51.44 ug/ml m



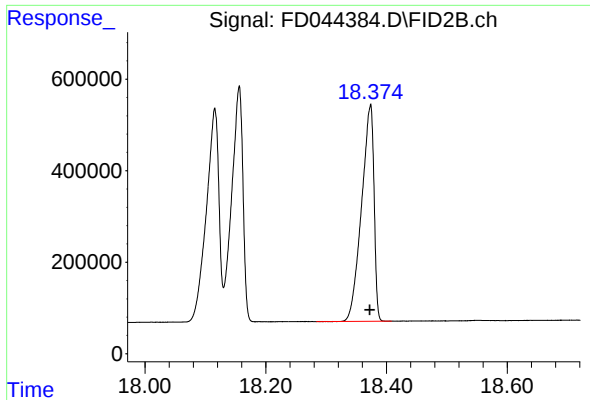
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.115 min
Delta R.T.: 0.000 min
Response: 6823313
Conc: 51.53 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 6587154
Conc: 51.40 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.000 min
Response: 6769076
Conc: 51.51 ug/ml

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