

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044817.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 22:42
 Operator : YP/AJ
 Sample : 01160-01MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-04-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/17/2023
 Supervised By :Ankita Jodhani 01/17/2023

Integration File: autoint1.e
 Quant Time: Jan 17 01:29:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.662	7737395	53.656 ug/ml
Spiked Amount 50.000		Recovery =	107.31%
6) S 2-Fluorobiphenyl (SURR)	8.519	5221739	53.793 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.59%
11) S ortho-Terphenyl (SURR)	11.546	5352683	29.709 ug/ml
Spiked Amount 50.000		Recovery =	59.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	6411151	39.846 ug/ml
2) T Naphthalene (C11.7)	6.010	7062580	42.079 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	7024899	41.780 ug/ml
5) T Acenaphthylene (C15.06)	8.324	7782964	51.314 ug/ml
7) T Acenaphthene (C15.5)	8.619	7551632	46.583 ug/ml
8) T Flouorene (C16.55)	9.394	7458817	46.800 ug/ml
9) T Phenanthrene (C19.36)	10.783	7355062	46.867 ug/ml
10) T Anthracene (C19.43)	10.858	7294613	58.009 ug/ml
12) T Fluoranthene (C21.85)	12.586	7290444	46.426 ug/ml
13) T Pyrene (C20.8)	12.882	7294414	47.650 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6981901	49.103 ug/ml
15) T Chrysene (C27.41)	14.785	7610047	50.185 ug/ml
16) T benzo[b]fluoranthene ...	16.282	7008733	46.602 ug/ml
17) T Bnezo[k]fluoranthene ...	16.316	6521039	43.042 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.658	6117305	42.164 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	5896878	41.699 ug/ml
20) T Dibenz[a,h]anthracene...	18.055	5546777	37.839 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.269	6070961	42.736 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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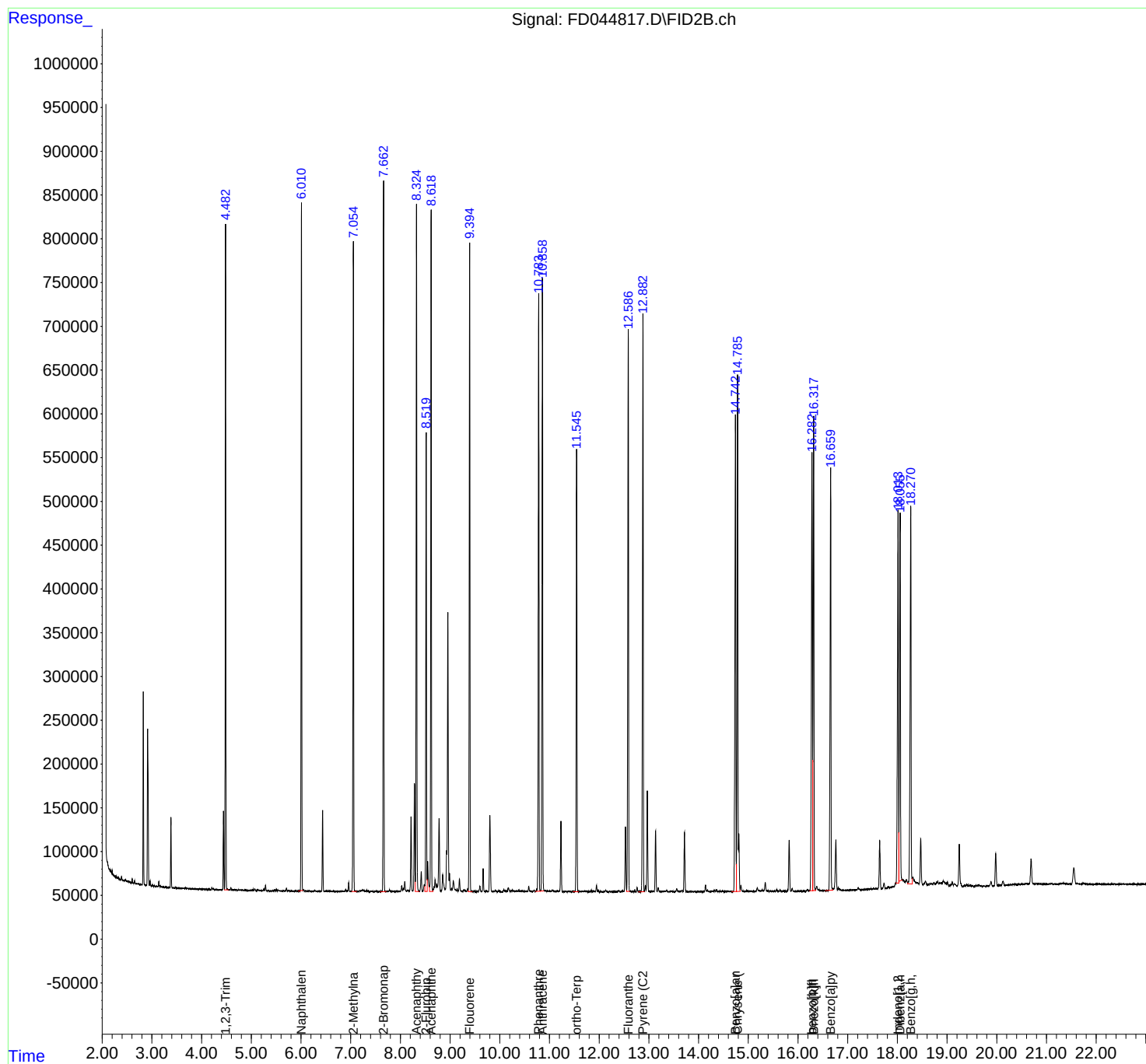
Instrument :
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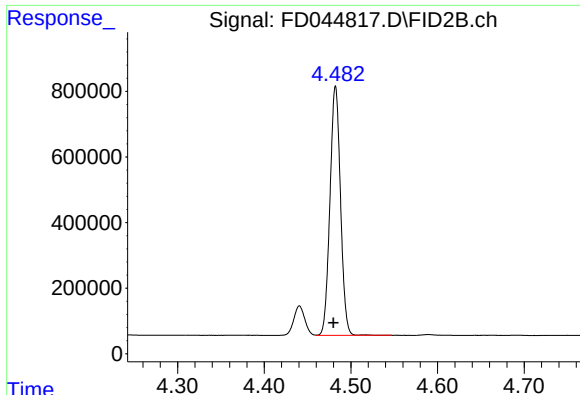
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 6411151
Conc: 39.85 ug/ml

Instrument :

FID_D

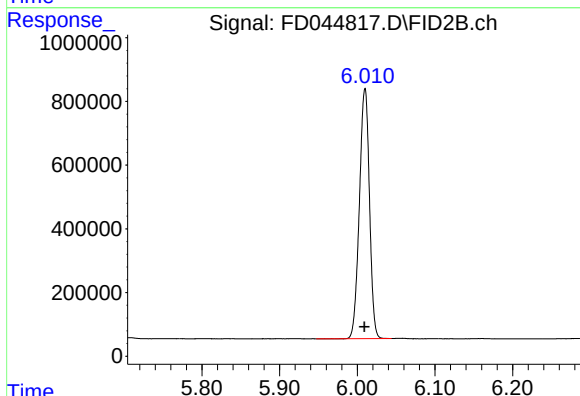
ClientSampleId :

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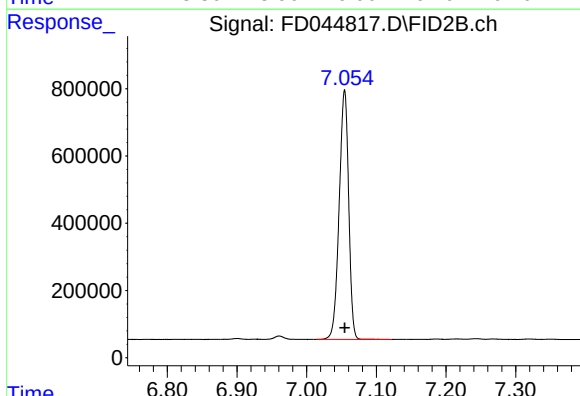
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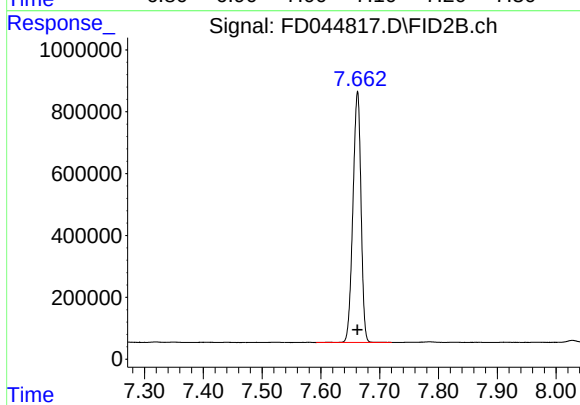
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 7062580
Conc: 42.08 ug/ml



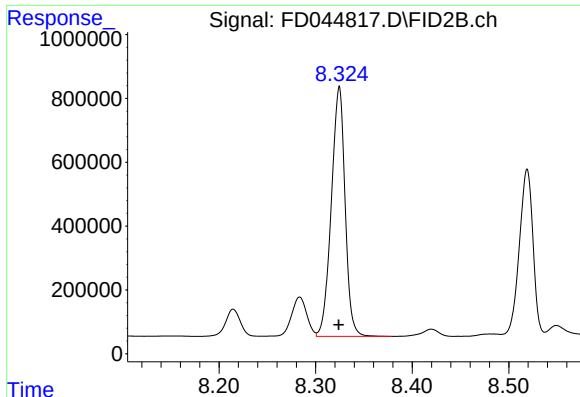
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 7024899
Conc: 41.78 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 7737395
Conc: 53.66 ug/ml



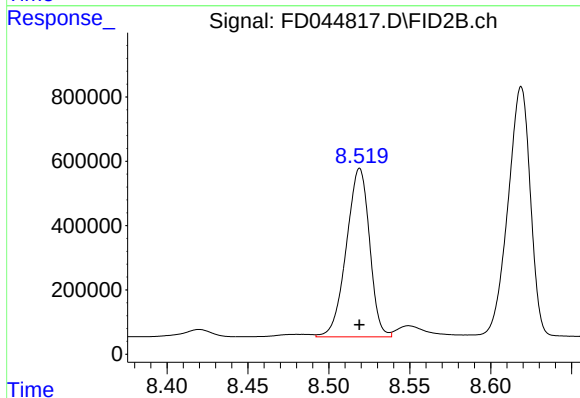
#5 Acenaphthylene (C15.06)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 7782964
Conc: 51.31 ug/ml

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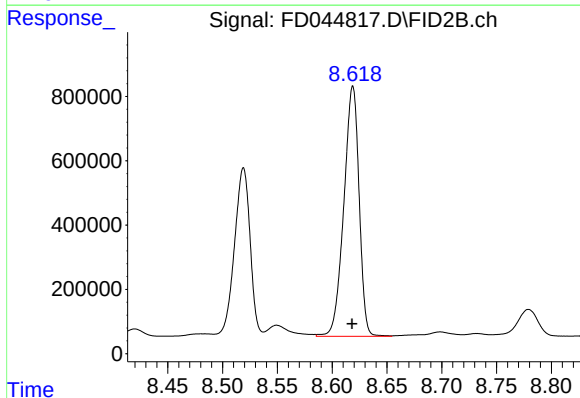
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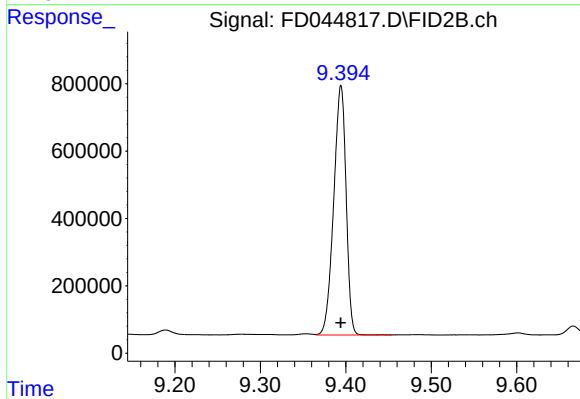
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 5221739
Conc: 53.79 ug/ml



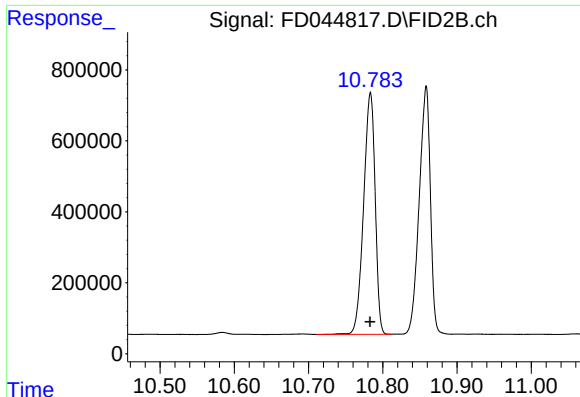
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 7551632
Conc: 46.58 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 7458817
Conc: 46.80 ug/ml



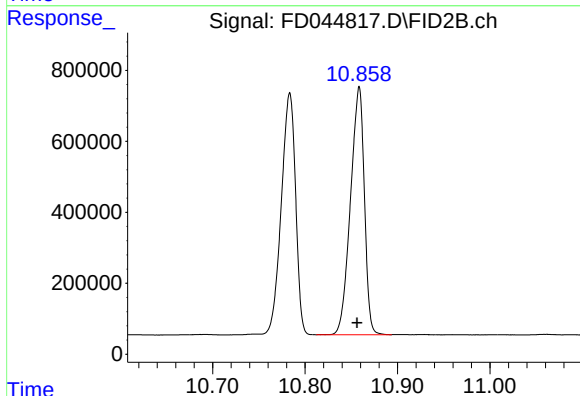
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 7355062
Conc: 46.87 ug/ml

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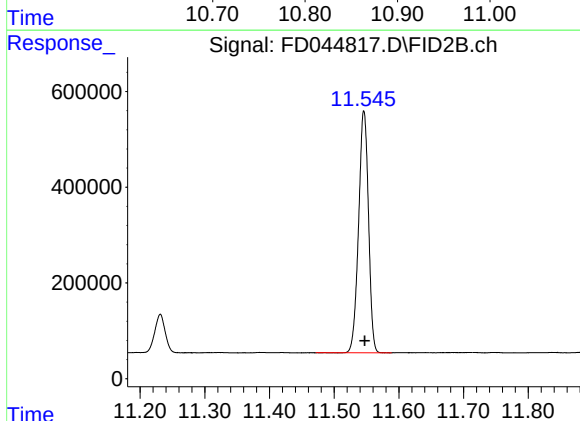
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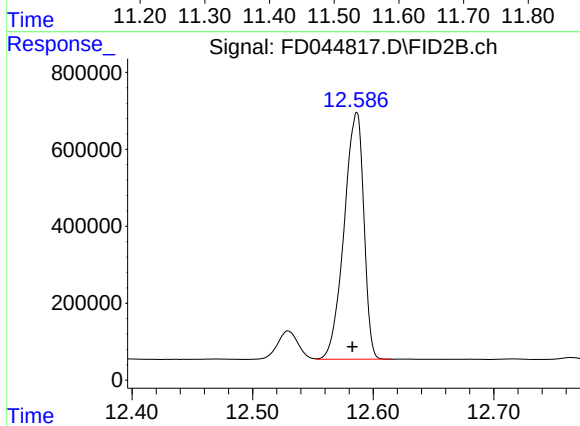
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 7294613
Conc: 58.01 ug/ml



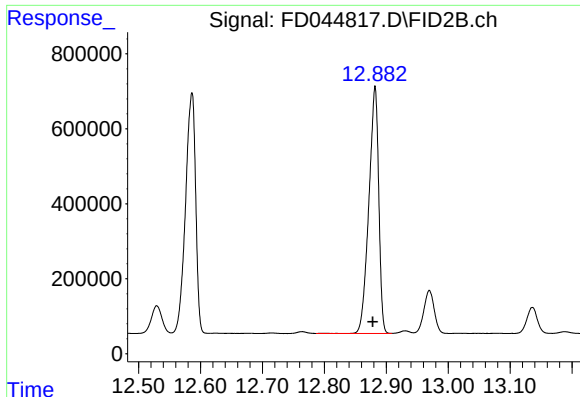
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: 0.000 min
Response: 5352683
Conc: 29.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.586 min
Delta R.T.: 0.003 min
Response: 7290444
Conc: 46.43 ug/ml



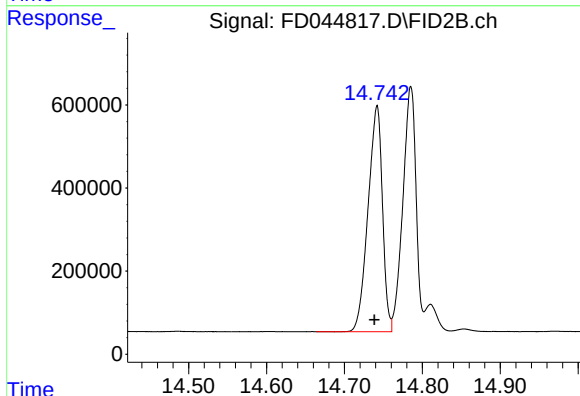
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: 0.003 min
Response: 7294414
Conc: 47.65 ug/ml

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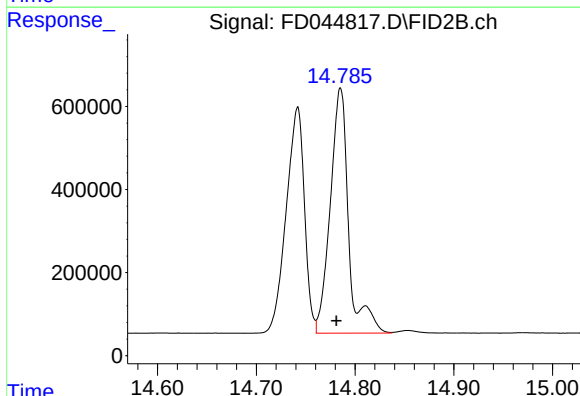
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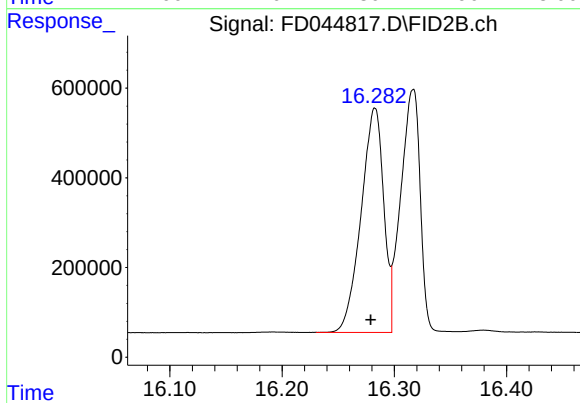
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.003 min
Response: 6981901
Conc: 49.10 ug/ml



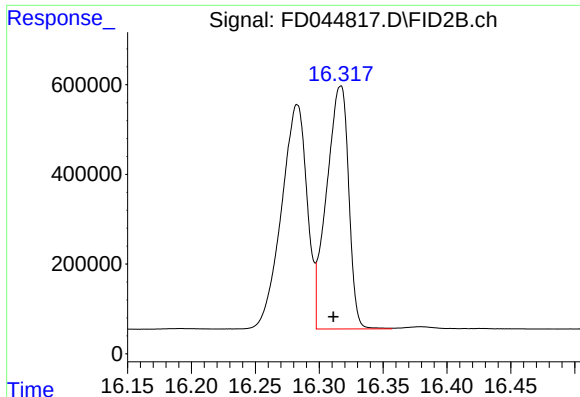
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.004 min
Response: 7610047
Conc: 50.19 ug/ml



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

R.T.: 16.282 min
Delta R.T.: 0.003 min
Response: 7008733
Conc: 46.60 ug/ml



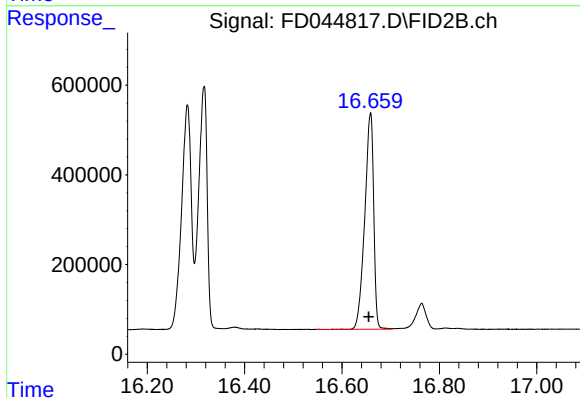
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.316 min
Delta R.T.: 0.005 min
Response: 6521039
Conc: 43.04 ug/ml

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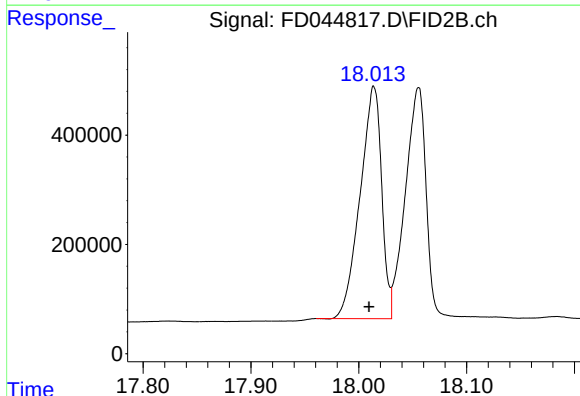
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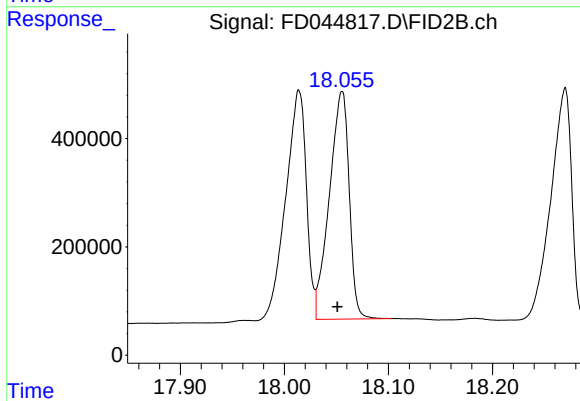
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.658 min
Delta R.T.: 0.003 min
Response: 6117305
Conc: 42.16 ug/ml



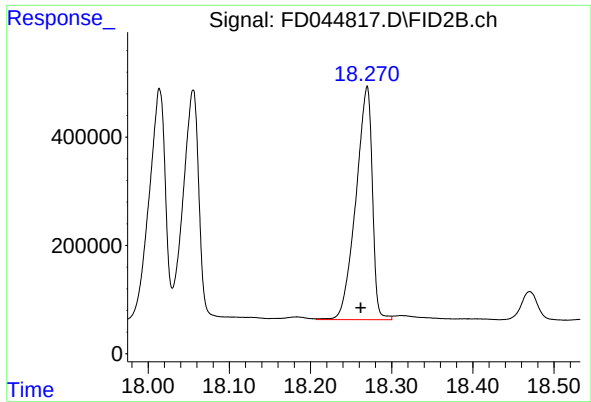
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: 0.004 min
Response: 5896878
Conc: 41.70 ug/ml



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

R.T.: 18.055 min
Delta R.T.: 0.004 min
Response: 5546777
Conc: 37.84 ug/ml m



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

R.T.: 18.269 min
Delta R.T.: 0.007 min
Response: 6070961
Conc: 42.74 ug/ml

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