

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044811.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 18:25
 Operator : YP/AJ
 Sample : PB150263BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150263BS

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 01:28:25 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...	7.661	7126398	49.419 ug/ml
Spiked Amount 50.000		Recovery =	98.84%
6) S 2-Fluorobiphenyl (SURR)	8.518	4653181	47.936 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.87%
11) S ortho-Terphenyl (SURR)	11.547	7361224	40.857 ug/ml
Spiked Amount 50.000		Recovery =	81.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	5796037	36.023 ug/ml
2) T Naphthalene (C11.7)	6.009	6241673	37.188 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	6302066	37.481 ug/ml
5) T Acenaphthylene (C15.06)	8.323	6699312	44.169 ug/ml
7) T Acenaphthene (C15.5)	8.618	6821966	42.082 ug/ml
8) T Flouorene (C16.55)	9.394	6925948	43.456 ug/ml
9) T Phenanthrene (C19.36)	10.783	7016926	44.713 ug/ml
10) T Anthracene (C19.43)	10.857	6907188	54.928 ug/ml
12) T Fluoranthene (C21.85)	12.584	7065577	44.994 ug/ml
13) T Pyrene (C20.8)	12.880	7096935	46.360 ug/ml
14) T Benzo[a]anthracene (C...	14.739	6668558	46.899 ug/ml
15) T Chrysene (C27.41)	14.783	7528928	49.650 ug/mlm
16) T benzo[b]fluoranthene ...	16.280	6599962	43.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.314	6142592	40.544 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.654	5759534	39.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.010	4858529	34.357 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	4763975	32.499 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	4805375	33.827 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB150263BS
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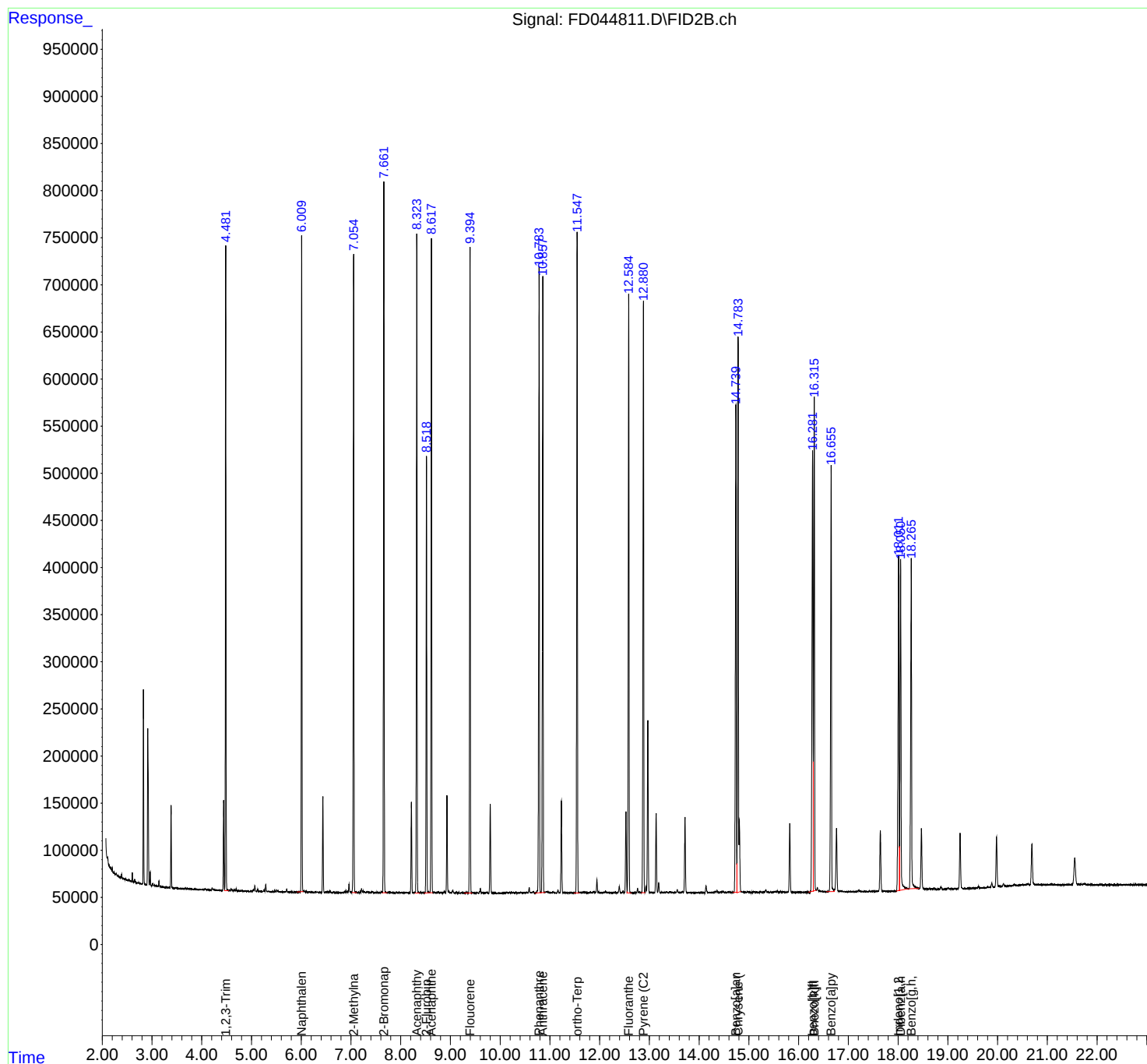
Instrument :
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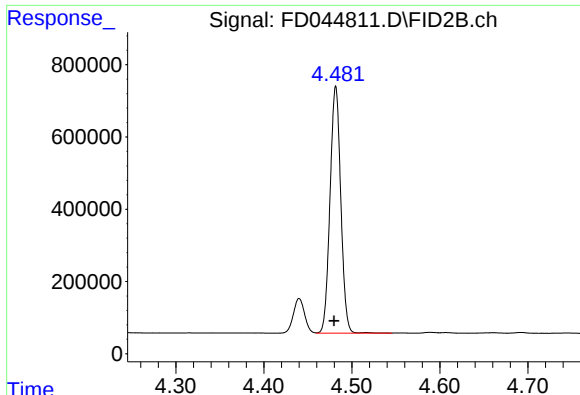
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 5796037
Conc: 36.02 ug/ml

Instrument :

FID_D

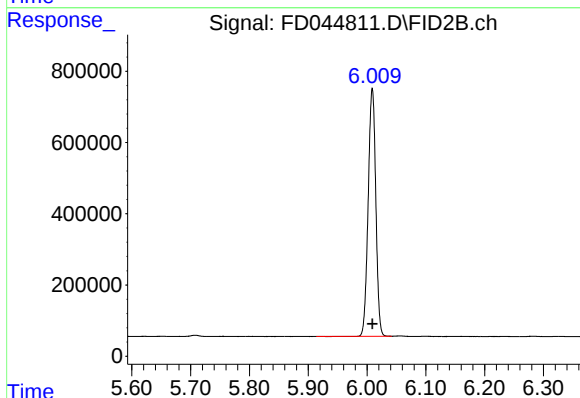
ClientSampleId :

PB150263BS

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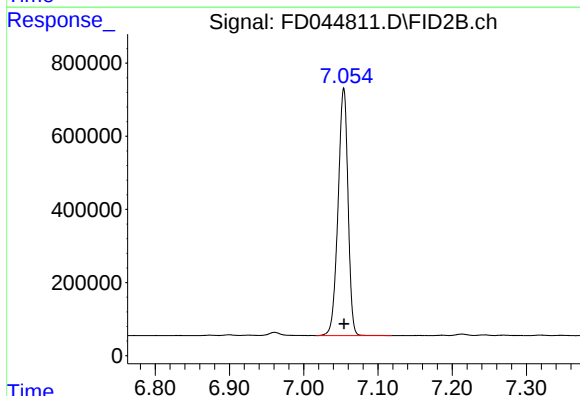
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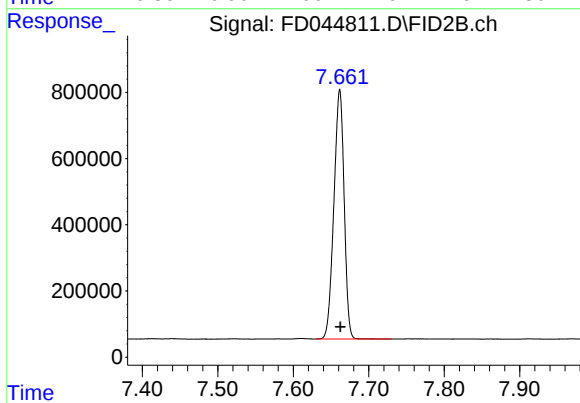
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 6241673
Conc: 37.19 ug/ml



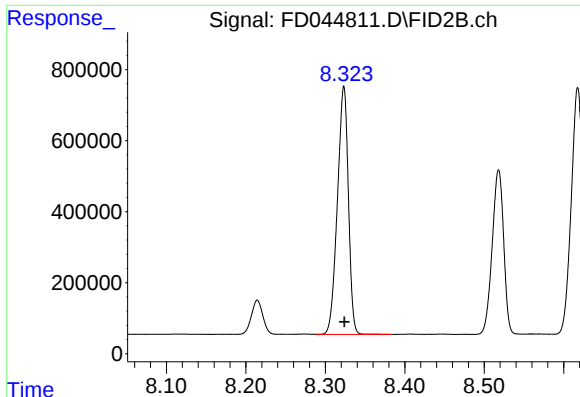
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 6302066
Conc: 37.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 7126398
Conc: 49.42 ug/ml



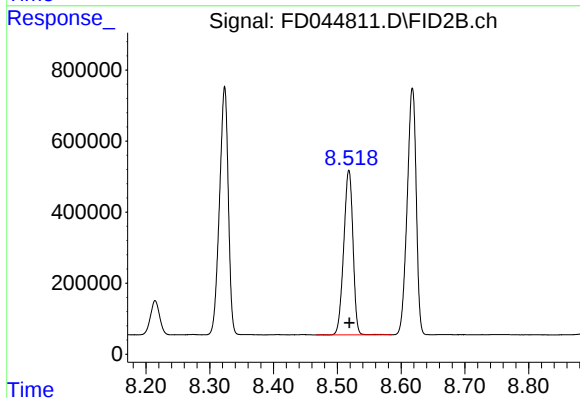
#5 Acenaphthylene (C15.06)

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 6699312
Conc: 44.17 ug/ml

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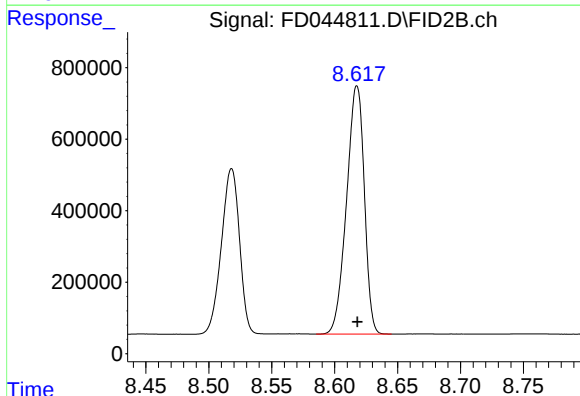
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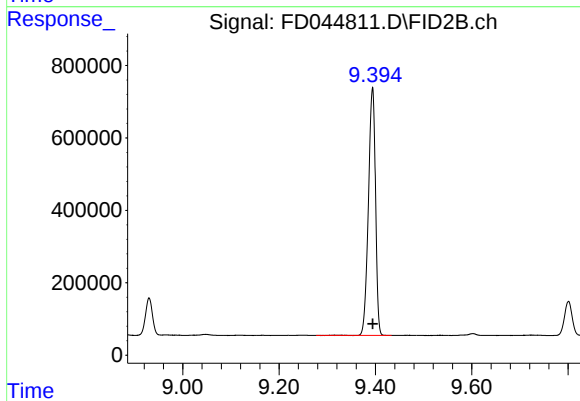
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 4653181
Conc: 47.94 ug/ml



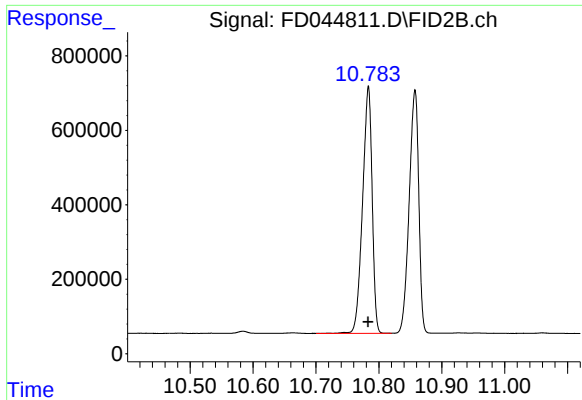
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 6821966
Conc: 42.08 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 6925948
Conc: 43.46 ug/ml



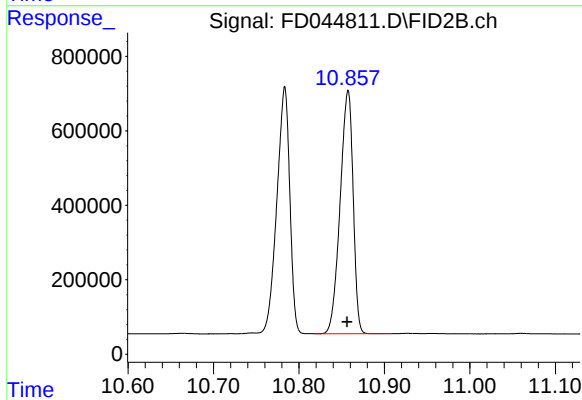
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 7016926
Conc: 44.71 ug/ml

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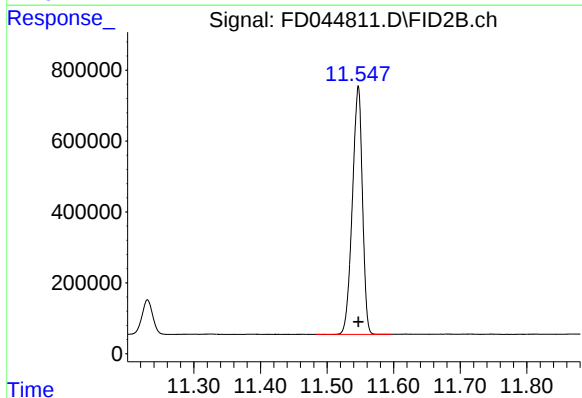
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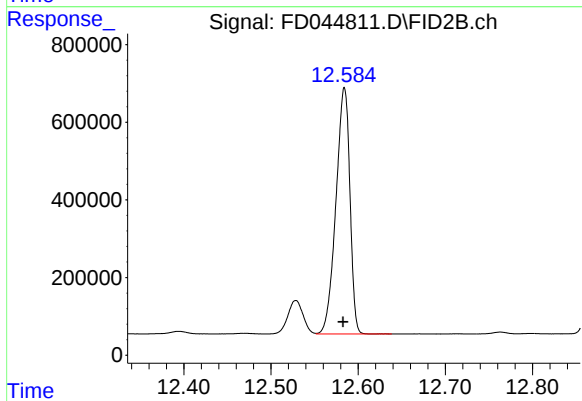
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 6907188
Conc: 54.93 ug/ml



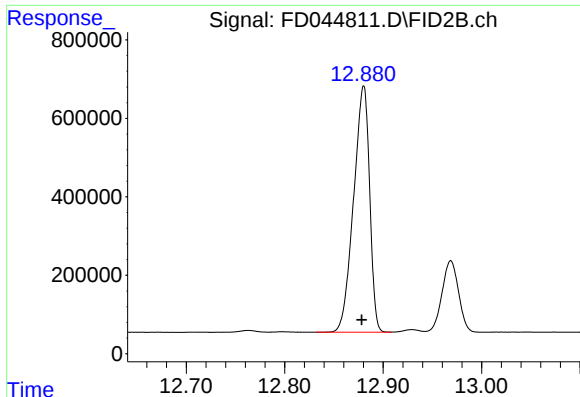
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 7361224
Conc: 40.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: 0.001 min
Response: 7065577
Conc: 44.99 ug/ml



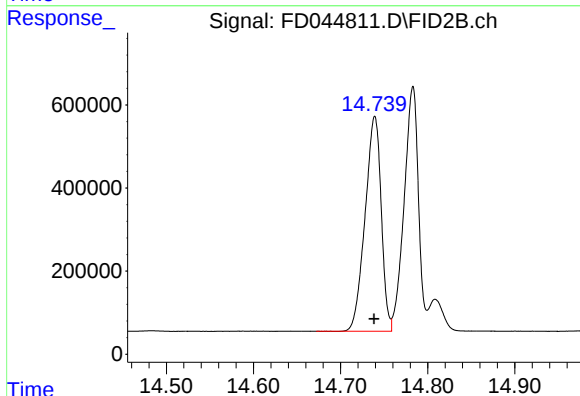
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.002 min
Response: 7096935
Conc: 46.36 ug/ml

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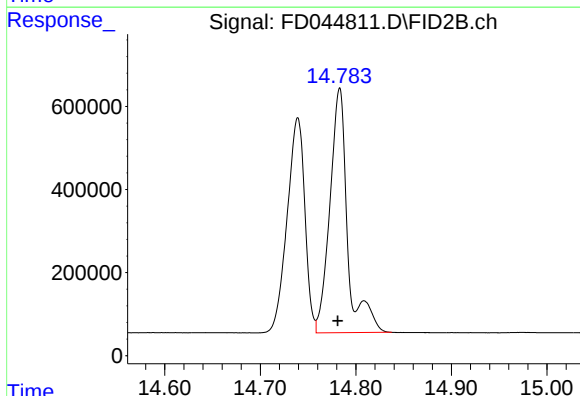
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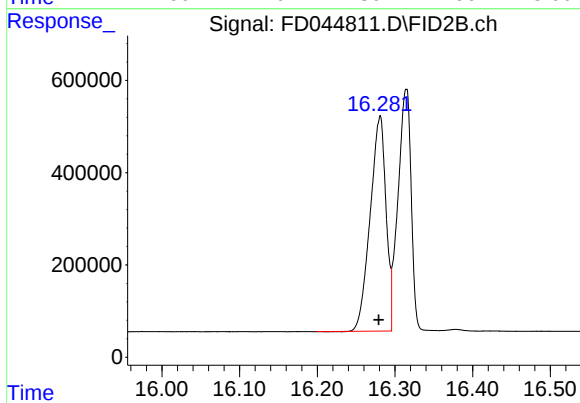
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 6668558
Conc: 46.90 ug/ml



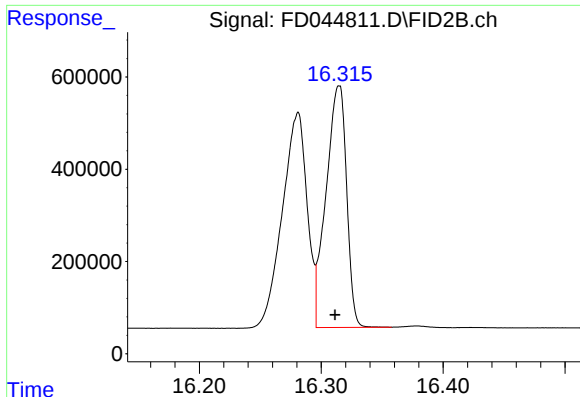
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: 0.002 min
Response: 7528928
Conc: 49.65 ug/ml m



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

R.T.: 16.280 min
Delta R.T.: 0.001 min
Response: 6599962
Conc: 43.88 ug/ml



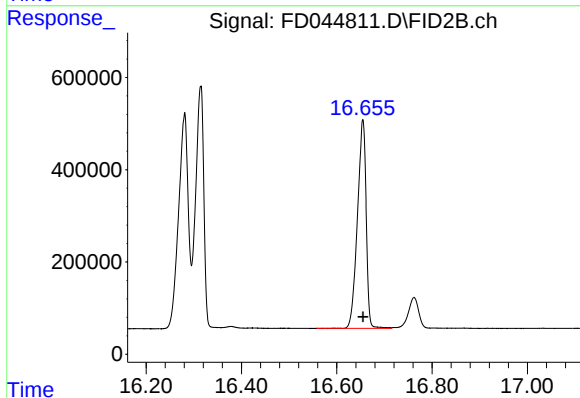
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.314 min
Delta R.T.: 0.003 min
Response: 6142592
Conc: 40.54 ug/ml

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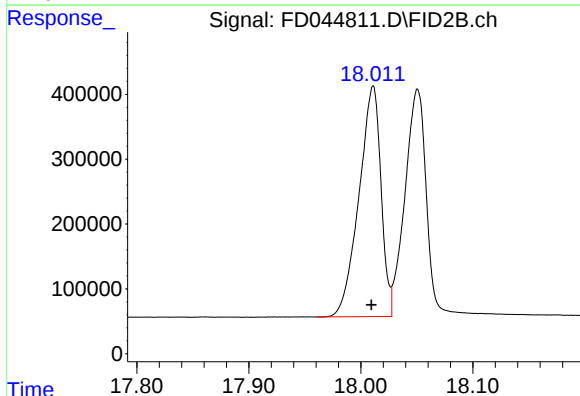
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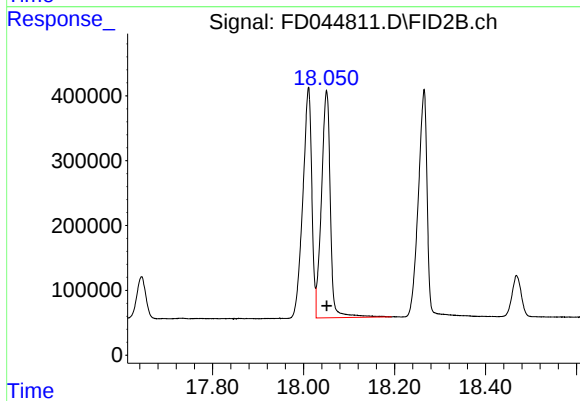
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min
Delta R.T.: 0.000 min
Response: 5759534
Conc: 39.70 ug/ml



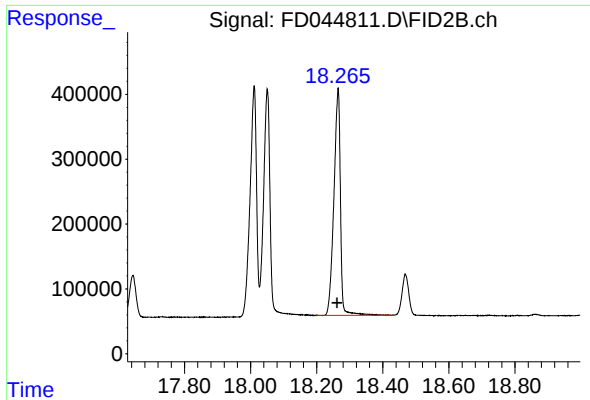
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: 0.000 min
Response: 4858529
Conc: 34.36 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 4763975
Conc: 32.50 ug/ml



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

R.T.: 18.264 min
Delta R.T.: 0.002 min
Response: 4805375
Conc: 33.83 ug/ml

Instrument :

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