

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044816.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 22:01
 Operator : YP/AJ
 Sample : 01160-01MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

B-04-SB02MS

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 01:29:11 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	7721765	53.548 ug/ml
Spiked Amount 50.000		Recovery =	107.10%
6) S 2-Fluorobiphenyl (SURR)	8.518	5306636	54.668 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.34%
11) S ortho-Terphenyl (SURR)	11.545	5335928	29.616 ug/ml
Spiked Amount 50.000		Recovery =	59.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	6413234	39.859 ug/ml
2) T Naphthalene (C11.7)	6.009	7056650	42.044 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	7003098	41.651 ug/ml
5) T Acenaphthylene (C15.06)	8.324	7754253	51.125 ug/ml
7) T Acenaphthene (C15.5)	8.618	7525961	46.425 ug/ml
8) T Flouorene (C16.55)	9.394	7413722	46.517 ug/ml
9) T Phenanthrene (C19.36)	10.782	7316612	46.622 ug/ml
10) T Anthracene (C19.43)	10.857	7260528	57.738 ug/ml
12) T Fluoranthene (C21.85)	12.584	7273938	46.321 ug/ml
13) T Pyrene (C20.8)	12.880	7271092	47.498 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6876810	48.364 ug/ml
15) T Chrysene (C27.41)	14.784	7543636	49.747 ug/mlm
16) T benzo[b]fluoranthene ...	16.282	6874944	45.713 ug/ml
17) T Bnezo[k]fluoranthene ...	16.316	6399193	42.238 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.657	5953661	41.036 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	5147798	36.402 ug/ml
20) T Dibenz[a,h]anthracene...	18.053	5070797	34.592 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	5194791	36.568 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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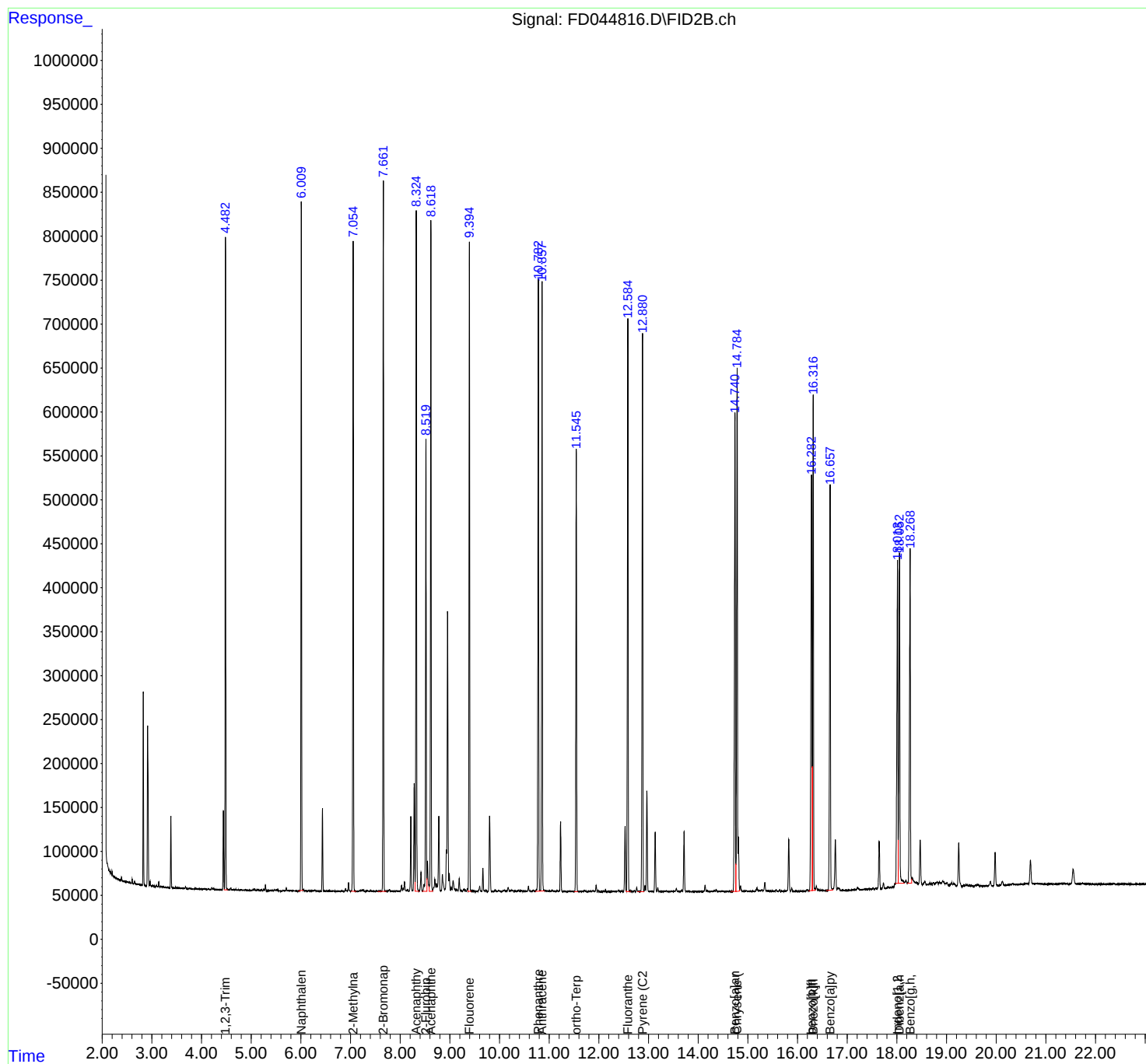
Instrument :
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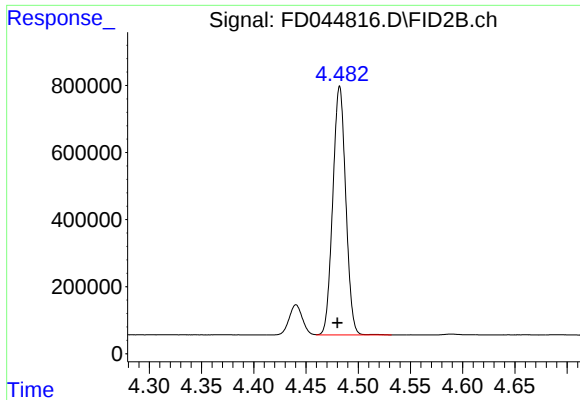
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 6413234
Conc: 39.86 ug/ml

Instrument :

FID_D

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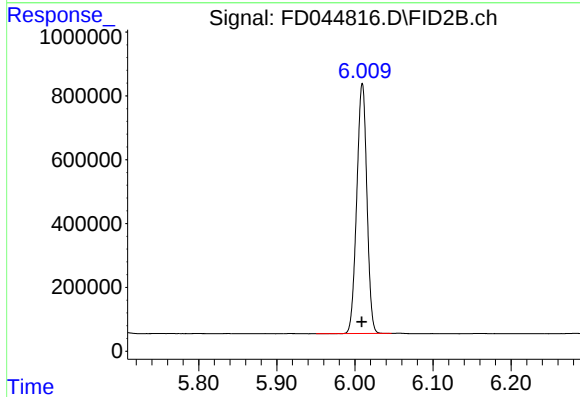
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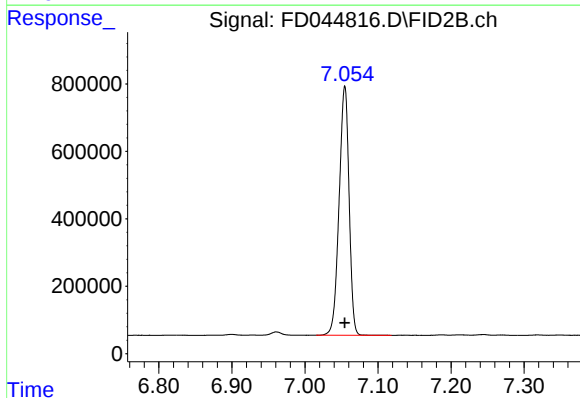
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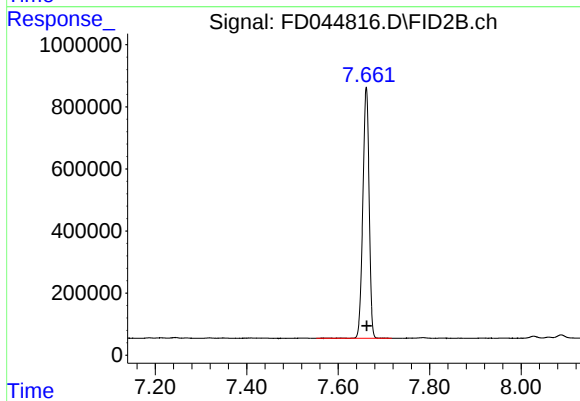
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 7056650
Conc: 42.04 ug/ml



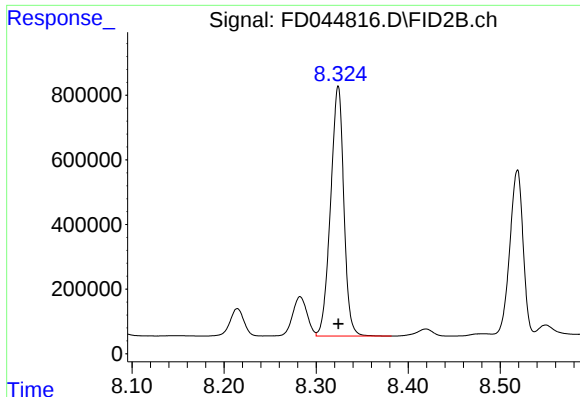
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 7003098
Conc: 41.65 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 7721765
Conc: 53.55 ug/ml



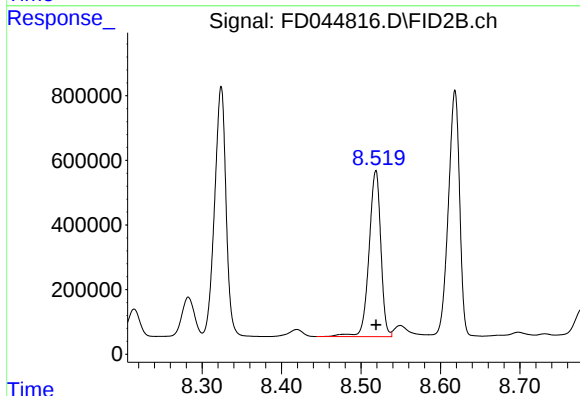
#5 Acenaphthylene (C15.06)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 7754253
Conc: 51.12 ug/ml

Instrument :
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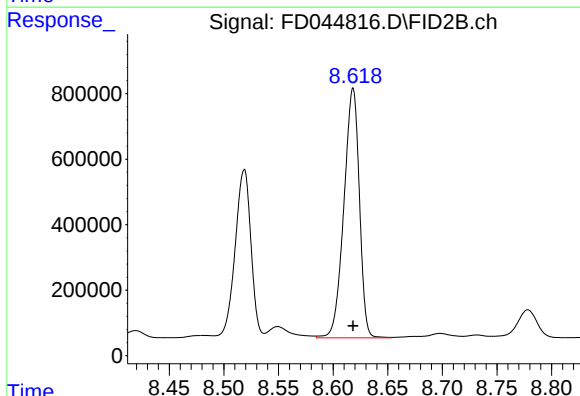
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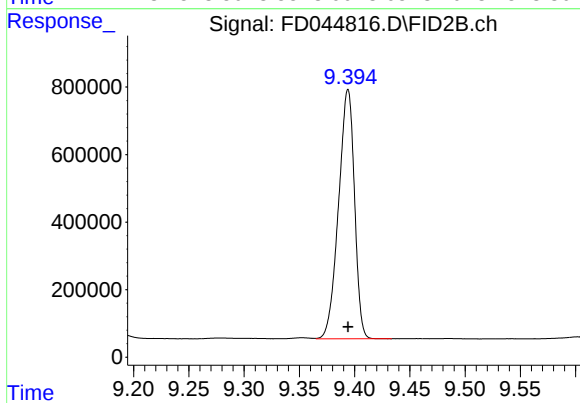
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 5306636
Conc: 54.67 ug/ml



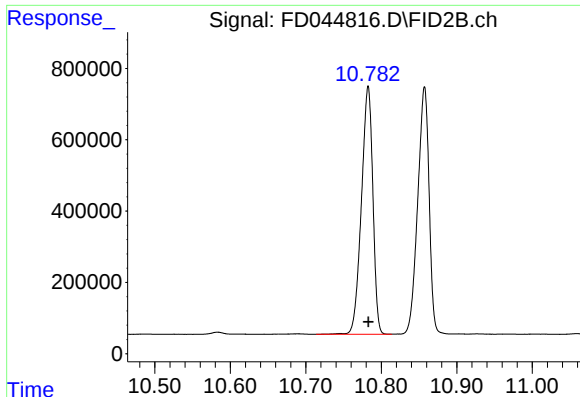
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 7525961
Conc: 46.43 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 7413722
Conc: 46.52 ug/ml



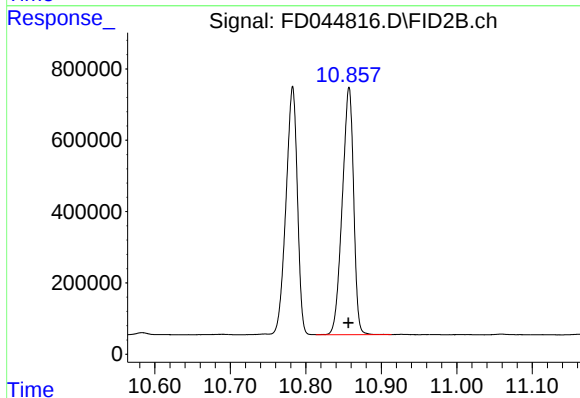
#9 Phenanthrene (C19.36)

R.T.: 10.782 min
Delta R.T.: 0.000 min
Response: 7316612
Conc: 46.62 ug/ml

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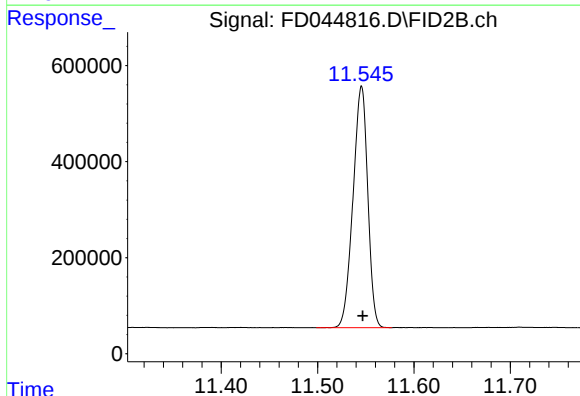
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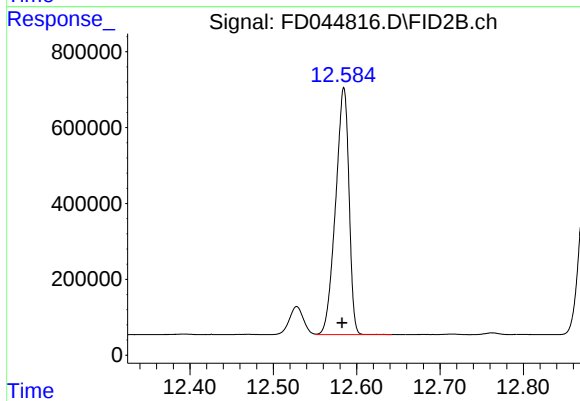
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 7260528
Conc: 57.74 ug/ml



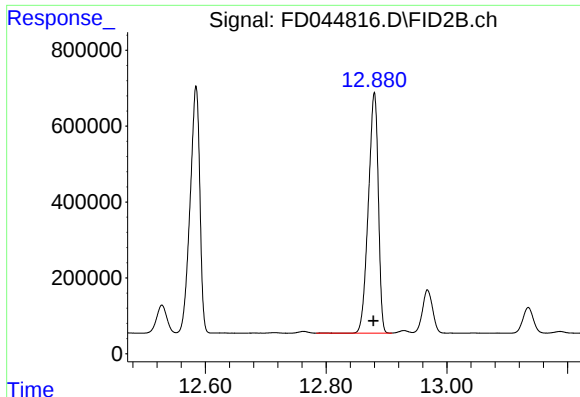
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 5335928
Conc: 29.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: 0.002 min
Response: 7273938
Conc: 46.32 ug/ml



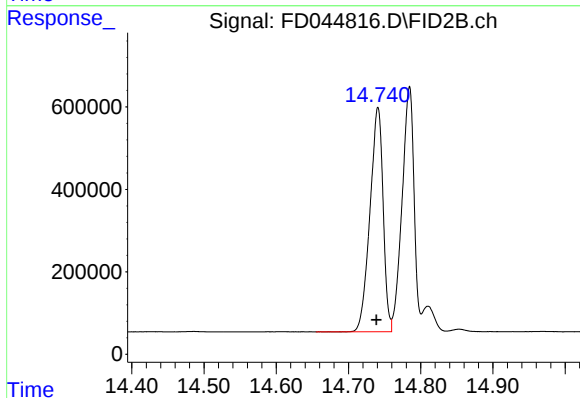
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.001 min
Response: 7271092
Conc: 47.50 ug/ml

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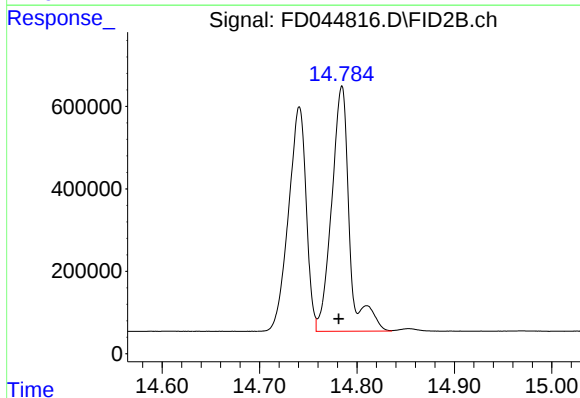
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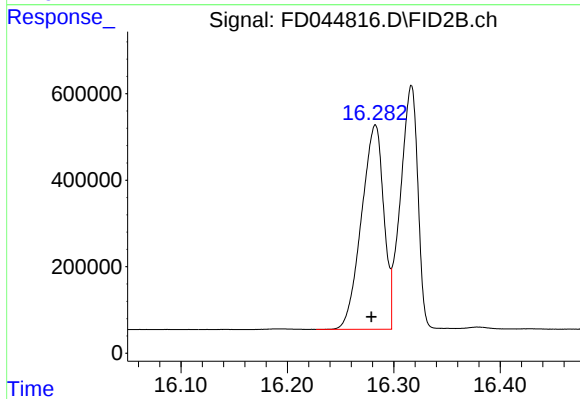
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.002 min
Response: 6876810
Conc: 48.36 ug/ml



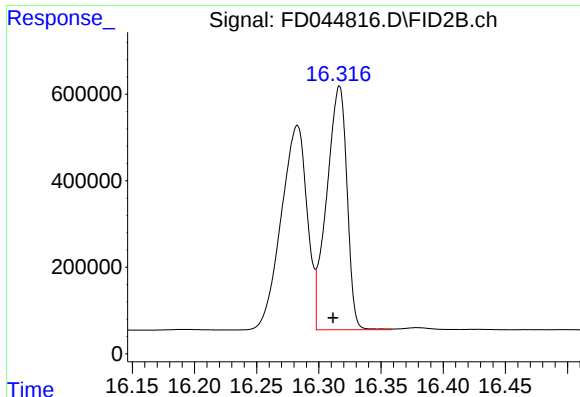
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.003 min
Response: 7543636
Conc: 49.75 ug/ml m



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

R.T.: 16.282 min
Delta R.T.: 0.003 min
Response: 6874944
Conc: 45.71 ug/ml



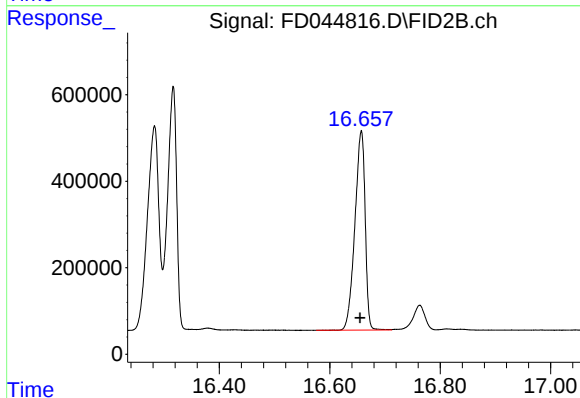
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.316 min
Delta R.T.: 0.005 min
Response: 6399193
Conc: 42.24 ug/ml

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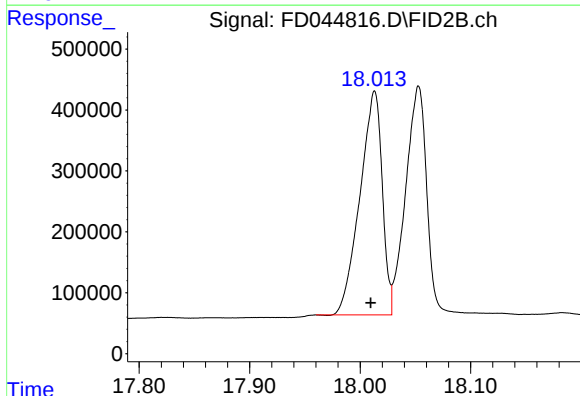
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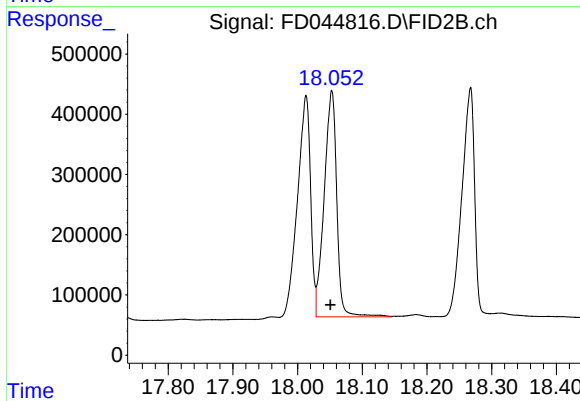
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.657 min
Delta R.T.: 0.002 min
Response: 5953661
Conc: 41.04 ug/ml



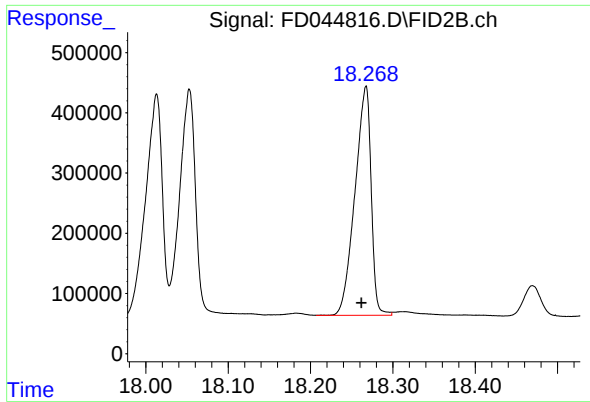
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: 0.003 min
Response: 5147798
Conc: 36.40 ug/ml



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

R.T.: 18.053 min
Delta R.T.: 0.002 min
Response: 5070797
Conc: 34.59 ug/ml



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

R.T.: 18.267 min
Delta R.T.: 0.005 min
Response: 5194791
Conc: 36.57 ug/ml

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