

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122822AR\
 Data File : FD044736.D
 Signal(s) : FID2B.ch
 Acq On : 28 Dec 2022 19:50
 Operator : YP/AJ
 Sample : N6196-06MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

EPH-3049MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/29/2022

Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e

Quant Time: Dec 29 05:15:52 2022

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	6844106	47.461 ug/ml
Spiked Amount 50.000		Recovery =	94.92%
6) S 2-Fluorobiphenyl (SURR)	8.519	4451836	45.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.72%
11) S ortho-Terphenyl (SURR)	11.547	6244875	34.661 ug/ml
Spiked Amount 50.000		Recovery =	69.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	5228375	32.495 ug/ml
2) T Naphthalene (C11.7)	6.008	5852438	34.869 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	5881867	34.982 ug/ml
5) T Acenaphthylene (C15.06)	8.323	6355865	41.905 ug/ml
7) T Acenaphthene (C15.5)	8.618	6411340	39.549 ug/ml
8) T Flouorene (C16.55)	9.394	6525221	40.942 ug/ml
9) T Phenanthrene (C19.36)	10.783	6523167	41.566 ug/ml
10) T Anthracene (C19.43)	10.858	6375834	50.702 ug/ml
12) T Fluoranthene (C21.85)	12.585	6443059	41.029 ug/ml
13) T Pyrene (C20.8)	12.880	6344738	41.446 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6109757	42.969 ug/ml
15) T Chrysene (C27.41)	14.785	6164372	40.652 ug/mlm
16) T benzo[b]fluoranthene ...	16.282	6161710	40.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.316	5782959	38.170 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.657	5470019	37.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	5716107	40.421 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	5652297	38.559 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	5516777	38.834 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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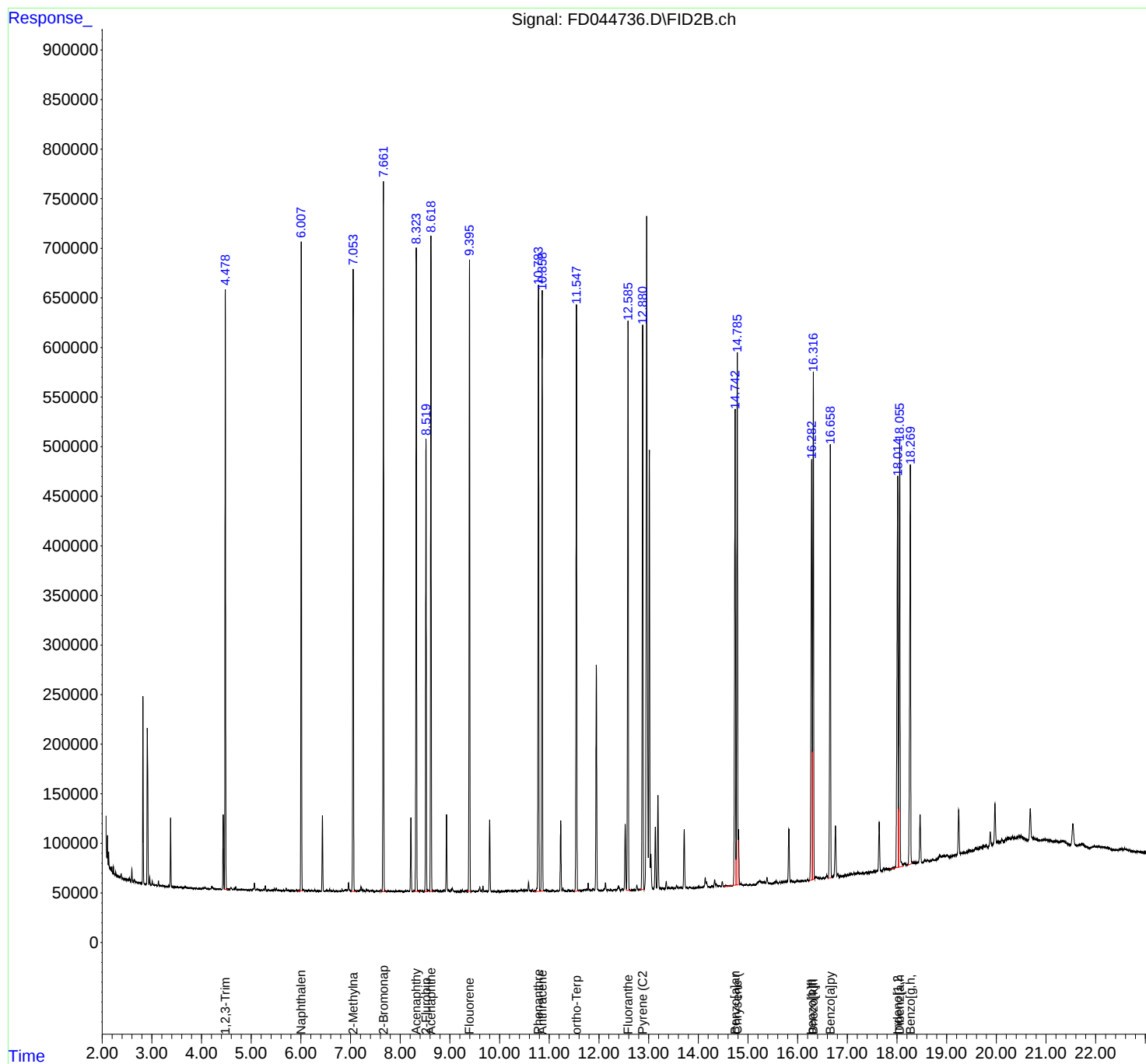
Instrument :
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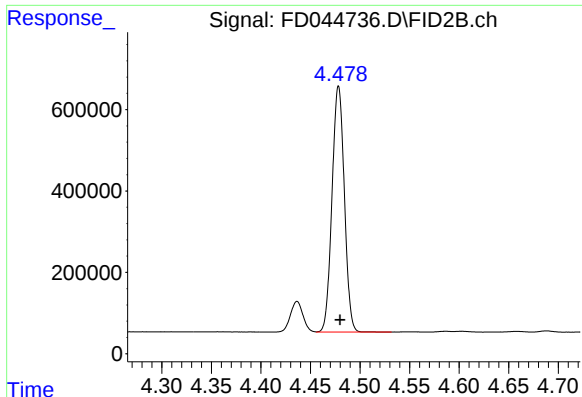
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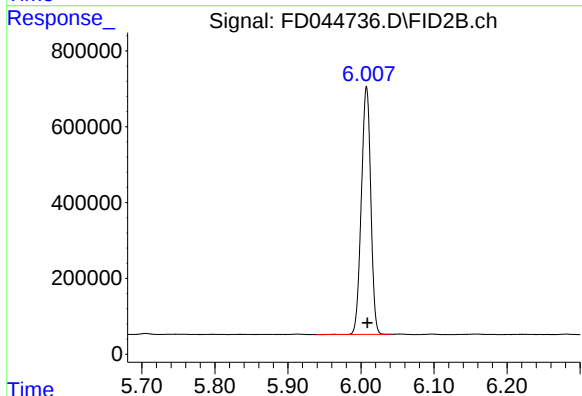
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 5228375
Conc: 32.50 ug/ml

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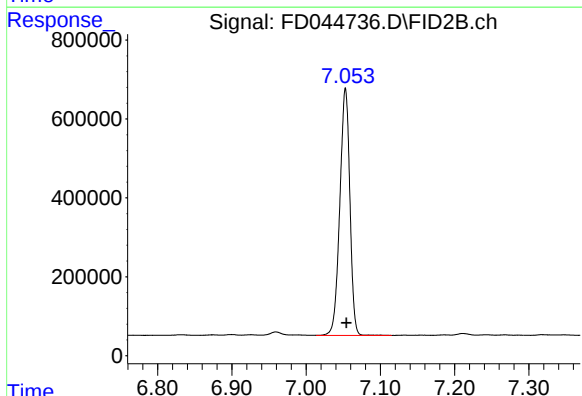
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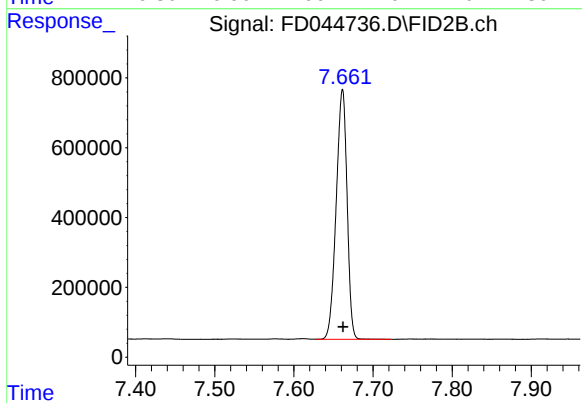
#2 Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 5852438
Conc: 34.87 ug/ml



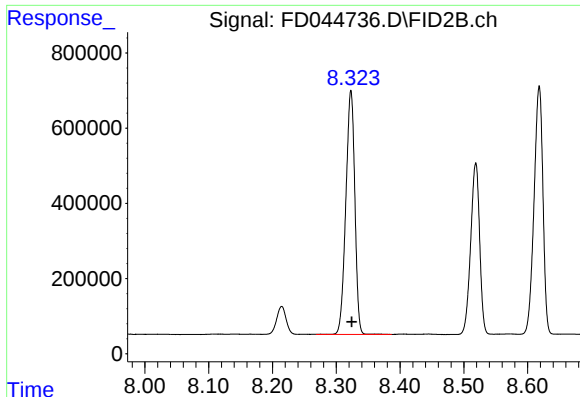
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.001 min
Response: 5881867
Conc: 34.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 6844106
Conc: 47.46 ug/ml



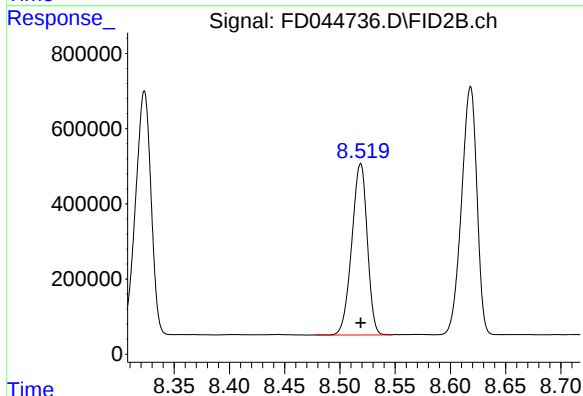
#5 Acenaphthylene (C15.06)

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 6355865
Conc: 41.90 ug/ml

Instrument :
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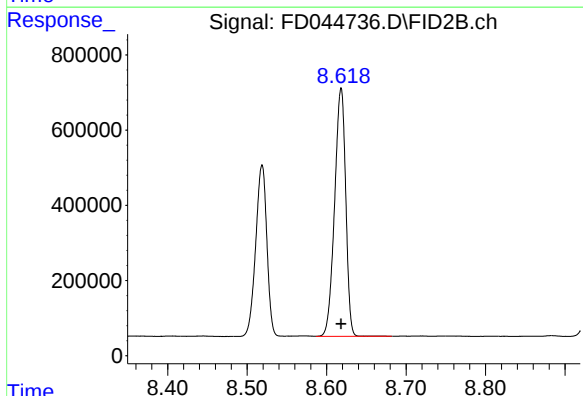
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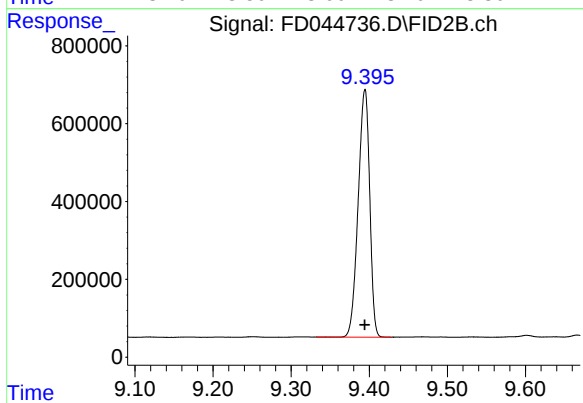
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 4451836
Conc: 45.86 ug/ml



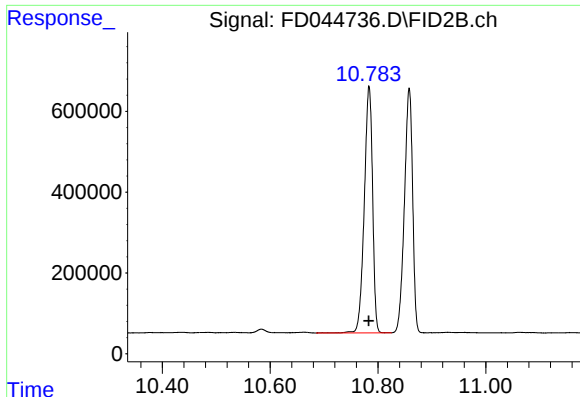
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 6411340
Conc: 39.55 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 6525221
Conc: 40.94 ug/ml



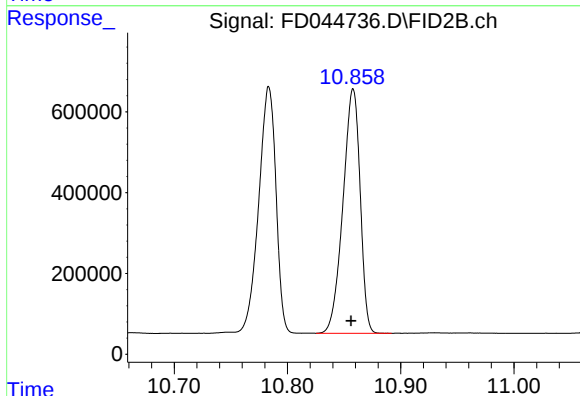
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 6523167
Conc: 41.57 ug/ml

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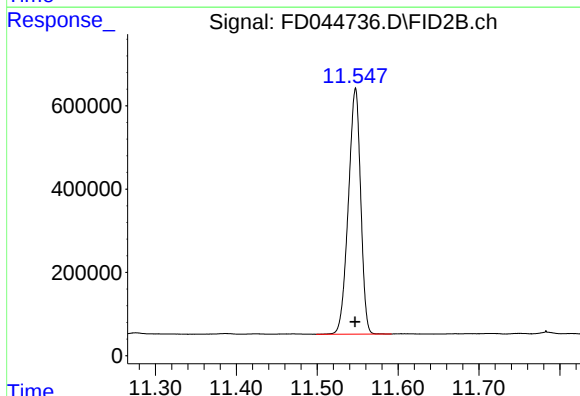
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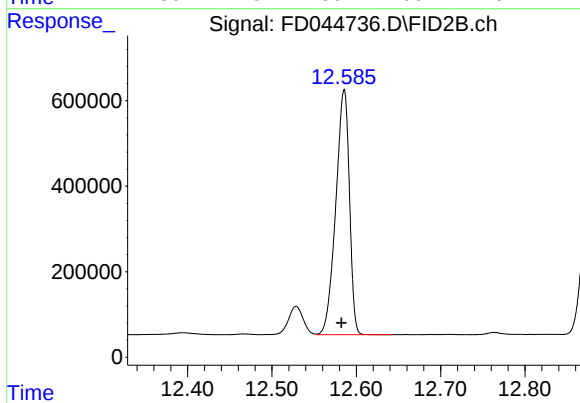
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 6375834
Conc: 50.70 ug/ml



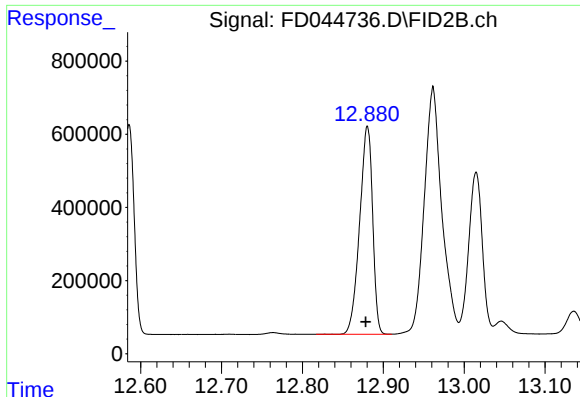
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 6244875
Conc: 34.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: 0.003 min
Response: 6443059
Conc: 41.03 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.002 min
Response: 6344738
Conc: 41.45 ug/ml

Instrument :

FID_D

ClientSampleId :

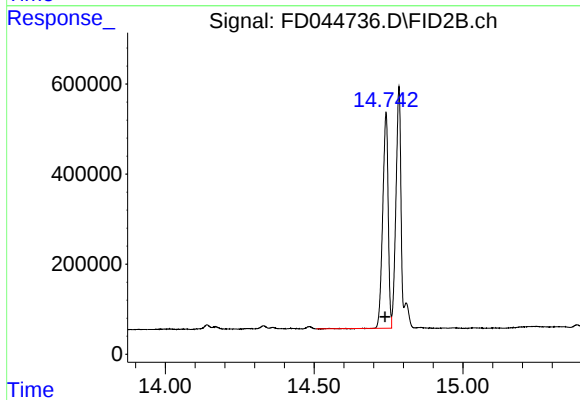
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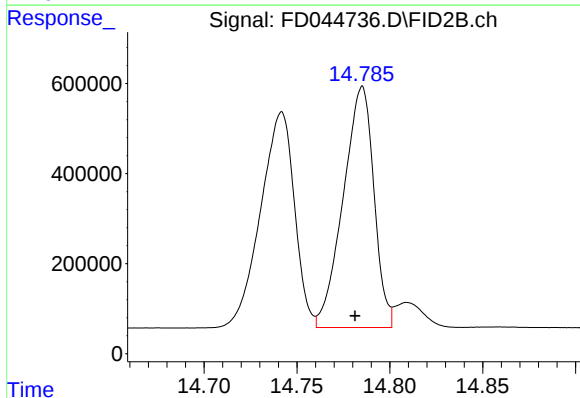
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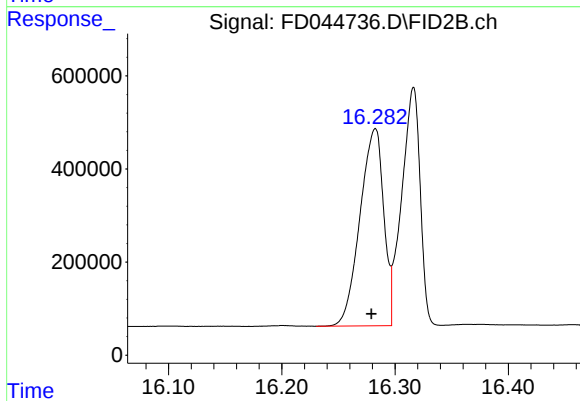
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.003 min
Response: 6109757
Conc: 42.97 ug/ml



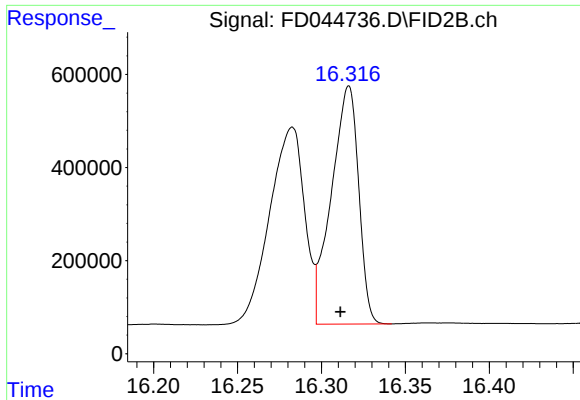
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.004 min
Response: 6164372
Conc: 40.65 ug/ml m



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

R.T.: 16.282 min
Delta R.T.: 0.003 min
Response: 6161710
Conc: 40.97 ug/ml



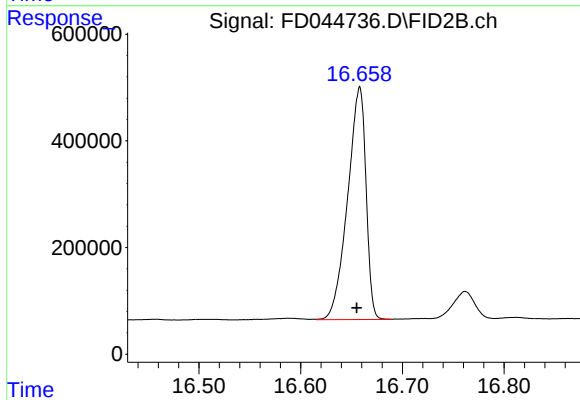
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.316 min
Delta R.T.: 0.005 min
Response: 5782959
Conc: 38.17 ug/ml

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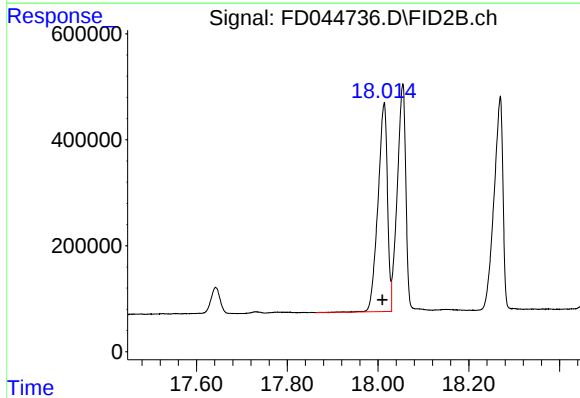
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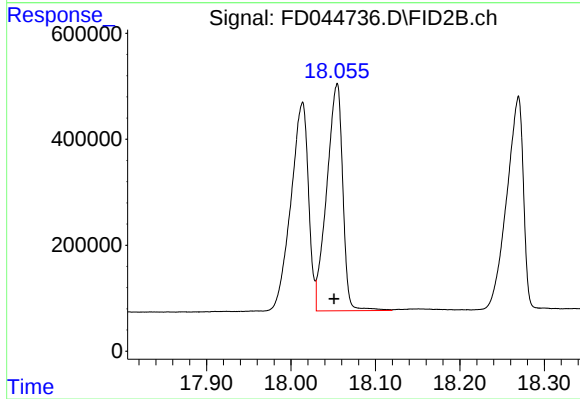
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.657 min
Delta R.T.: 0.003 min
Response: 5470019
Conc: 37.70 ug/ml



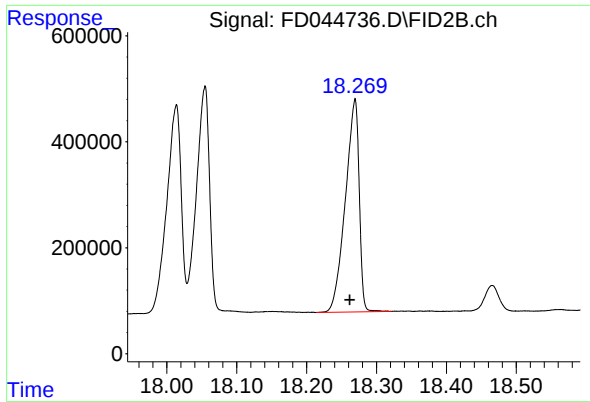
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: 0.003 min
Response: 5716107
Conc: 40.42 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.003 min
Response: 5652297
Conc: 38.56 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.006 min
Response: 5516777
Conc: 38.83 ug/ml

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