

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082422AR\
 Data File : FD043741.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2022 01:23
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 03:31:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 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...	7.467	3709405	21.469 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
6) S 2-Fluorobiphenyl (SURR)	8.324	2283193	22.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.39%
11) S ortho-Terphenyl (SURR)	11.355	4371462	20.895 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	4272653	21.455 ug/ml
2) T Naphthalene (C11.7)	5.806	4249996	21.144 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	3844491	21.299 ug/ml
5) T Acenaphthylene (C15.06)	8.125	4233227	21.178 ug/ml
7) T Acenaphthene (C15.5)	8.417	4462158	20.758 ug/ml
8) T Flouorene (C16.55)	9.198	4079563	21.279 ug/ml
9) T Phenanthrene (C19.36)	10.591	3902362	21.701 ug/ml
10) T Anthracene (C19.43)	10.667	3900716	20.054 ug/ml
12) T Fluoranthene (C21.85)	12.396	3840877	21.061 ug/mlm
13) T Pyrene (C20.8)	12.691	3950415	21.163 ug/ml
14) T Benzo[a]anthracene (C...	14.561	3190260	22.297 ug/mlm
15) T Chrysene (C27.41)	14.602	3551198	18.399 ug/ml
16) T benzo[b]fluoranthene ...	16.106	3180771	22.043 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.137	3484759	20.261 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	3151690	21.705 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	2316828	22.403 ug/mlm
20) T Dibenz[a,h]anthracene...	17.885	3100491	22.032 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	2803086	22.019 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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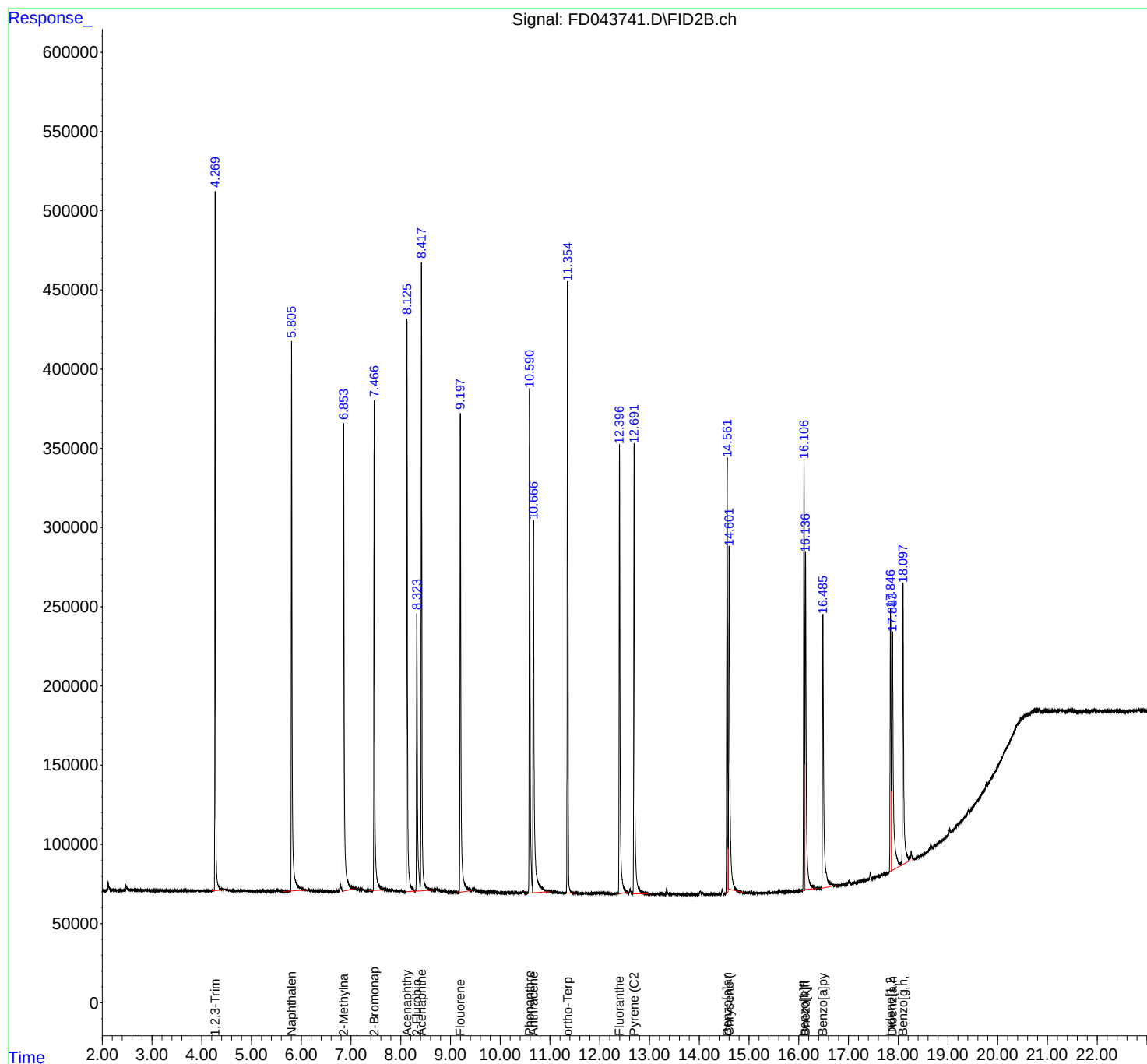
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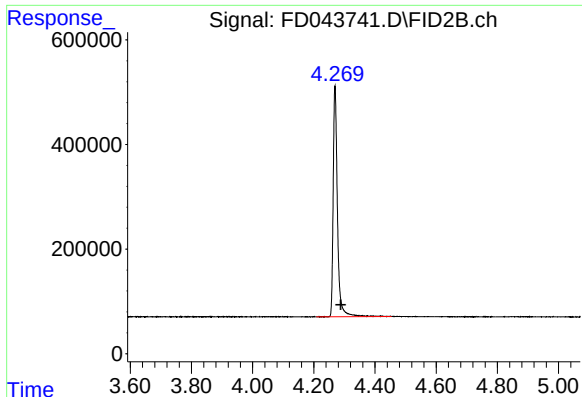
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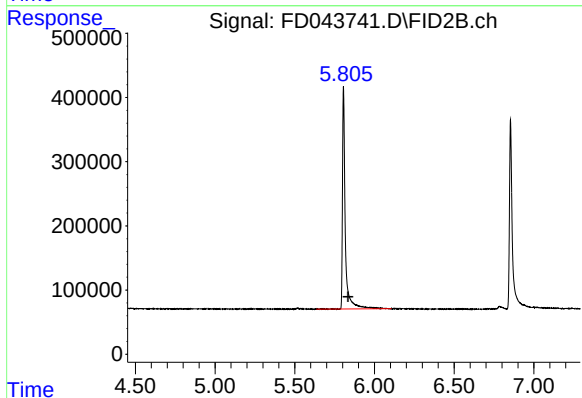
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: -0.018 min
Response: 4272653
Conc: 21.45 ug/ml

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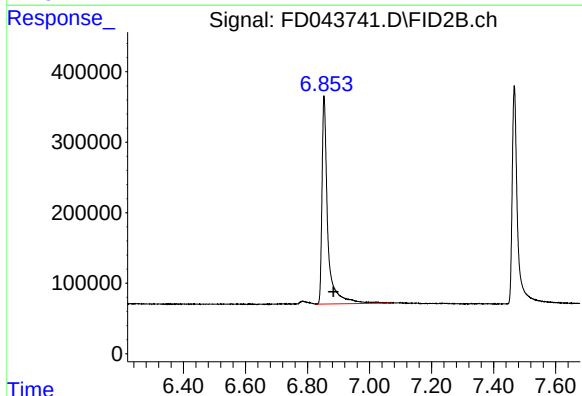
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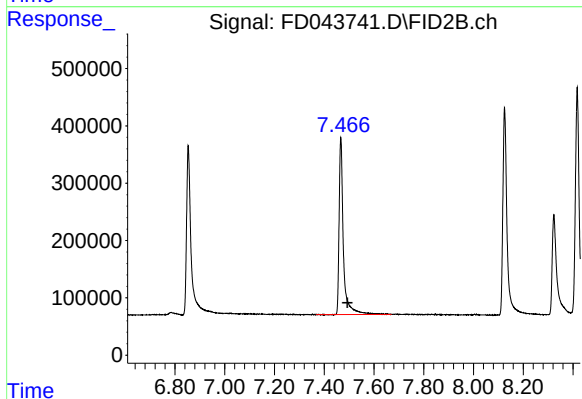
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.028 min
Response: 4249996
Conc: 21.14 ug/ml



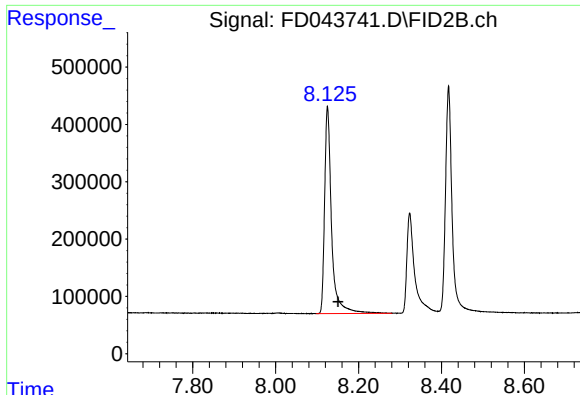
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.029 min
Response: 3844491
Conc: 21.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.467 min
Delta R.T.: -0.026 min
Response: 3709405
Conc: 21.47 ug/ml



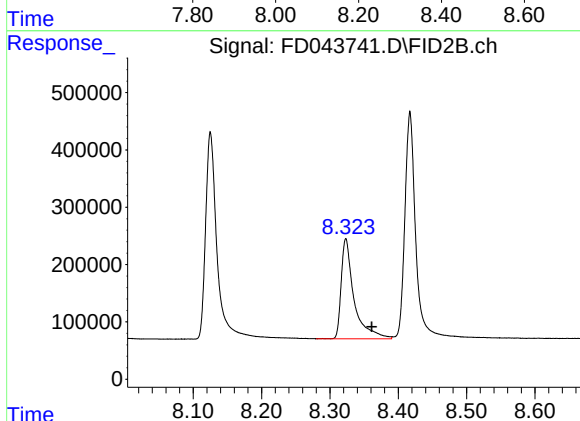
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: -0.025 min
Response: 4233227
Conc: 21.18 ug/ml

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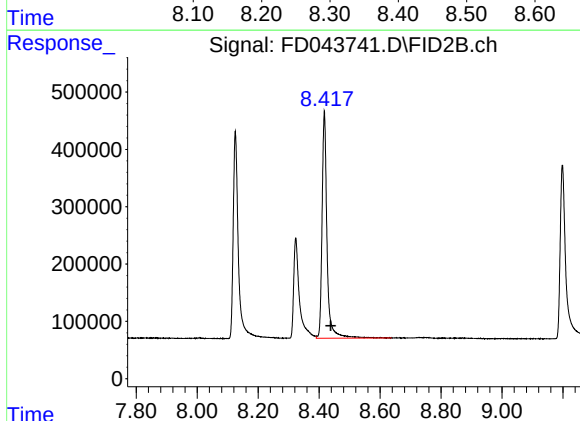
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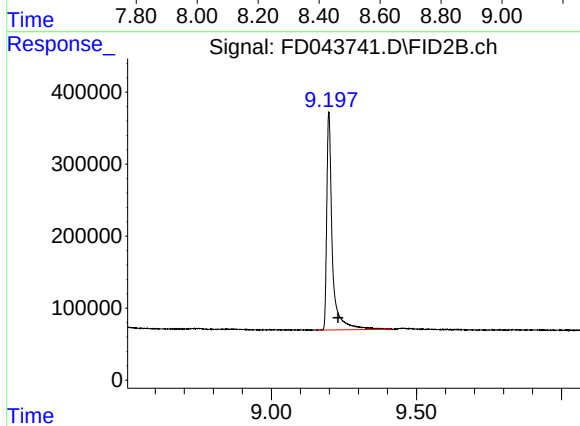
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.037 min
Response: 2283193
Conc: 22.70 ug/ml



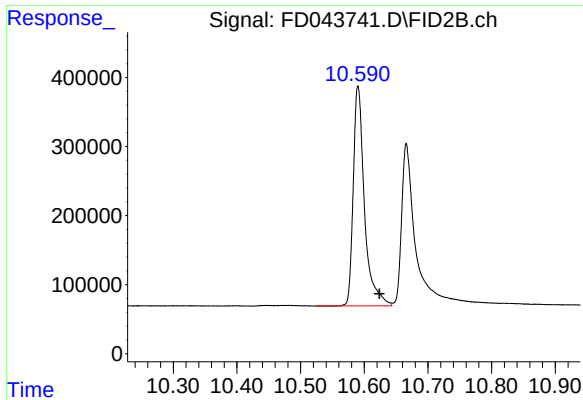
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: -0.021 min
Response: 4462158
Conc: 20.76 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: -0.032 min
Response: 4079563
Conc: 21.28 ug/ml



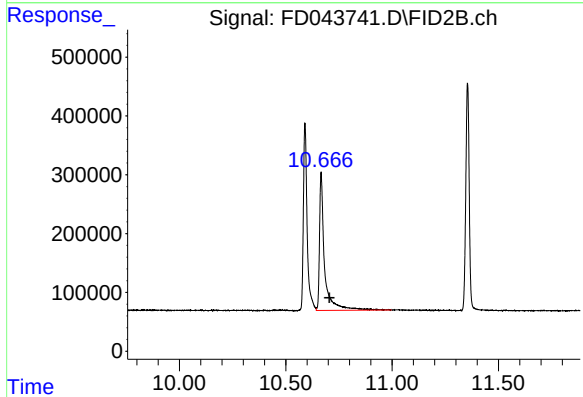
#9 Phenanthrene (C19.36)

R.T.: 10.591 min
Delta R.T.: -0.033 min
Response: 3902362
Conc: 21.70 ug/ml

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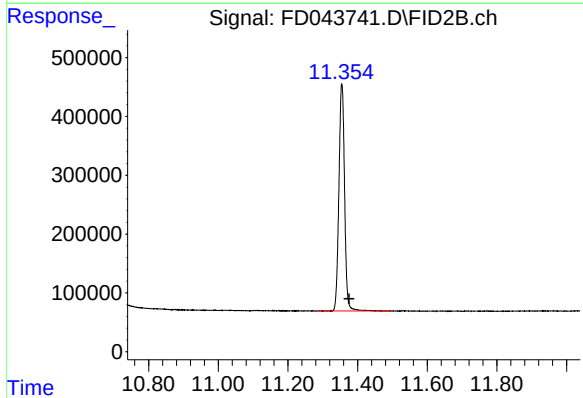
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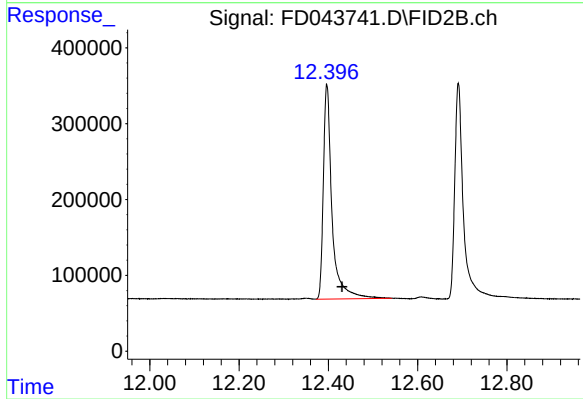
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: -0.039 min
Response: 3900716
Conc: 20.05 ug/ml



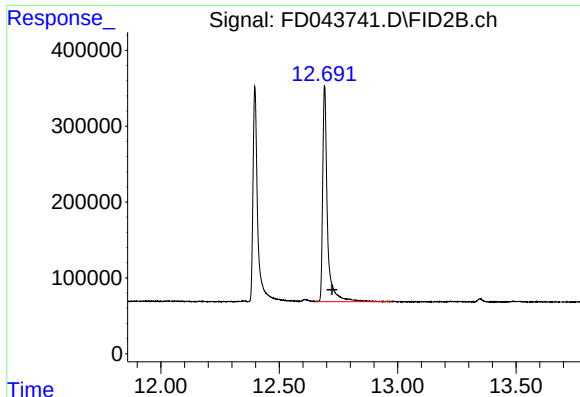
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: -0.021 min
Response: 4371462
Conc: 20.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: -0.035 min
Response: 3840877
Conc: 21.06 ug/ml m



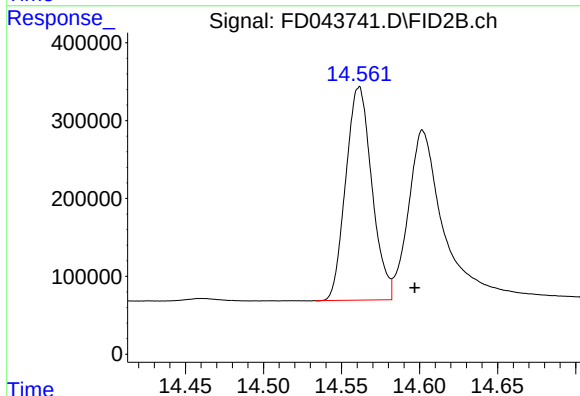
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: -0.032 min
Response: 3950415
Conc: 21.16 ug/ml

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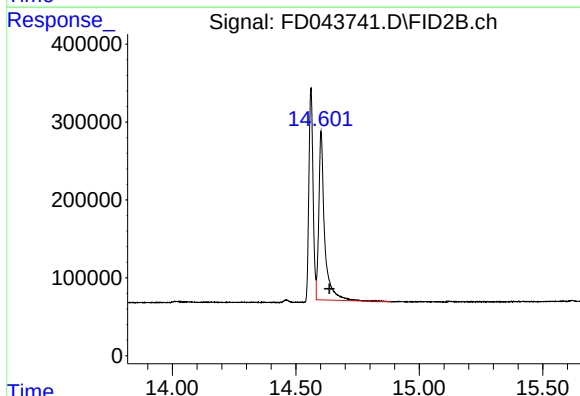
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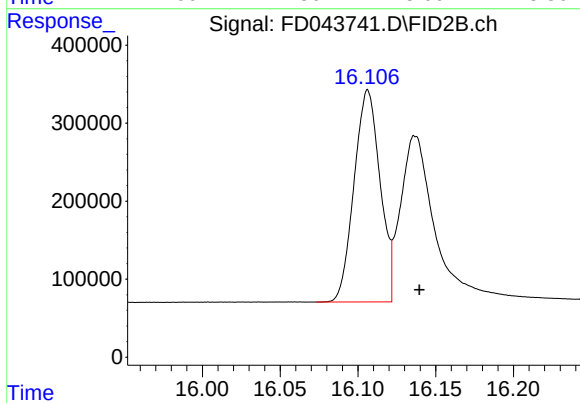
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: -0.035 min
Response: 3190260
Conc: 22.30 ug/ml m



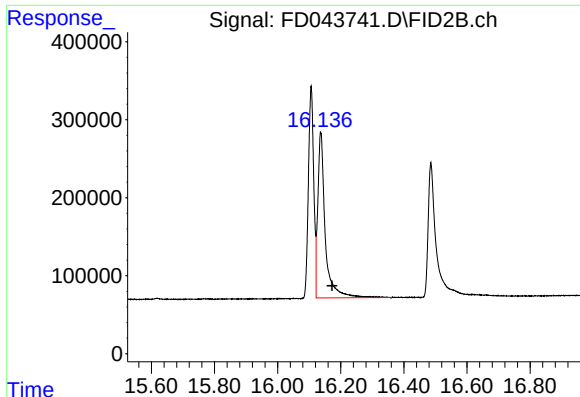
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.034 min
Response: 3551198
Conc: 18.40 ug/ml



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

R.T.: 16.106 min
Delta R.T.: -0.034 min
Response: 3180771
Conc: 22.04 ug/ml m



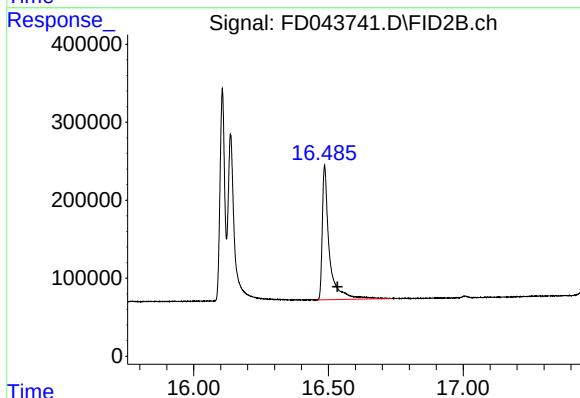
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.137 min
Delta R.T.: -0.035 min
Response: 3484759
Conc: 20.26 ug/ml

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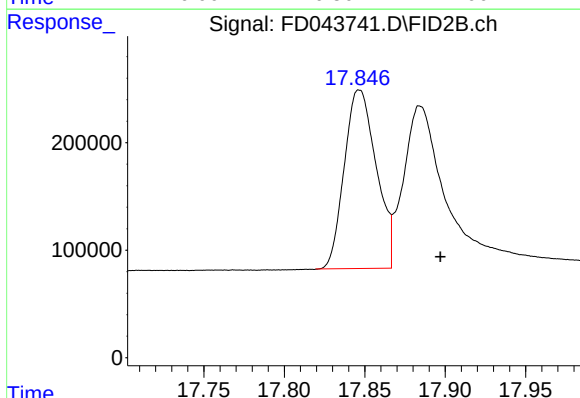
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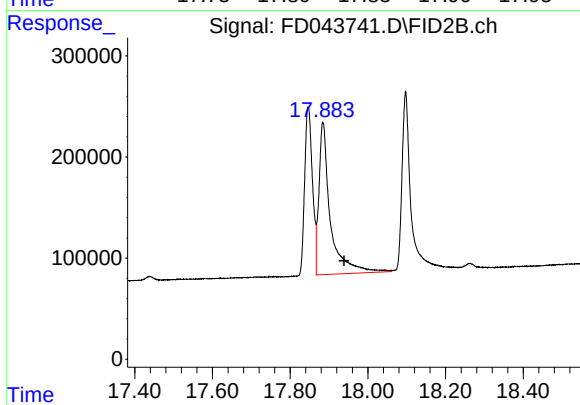
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: -0.048 min
Response: 3151690
Conc: 21.70 ug/ml



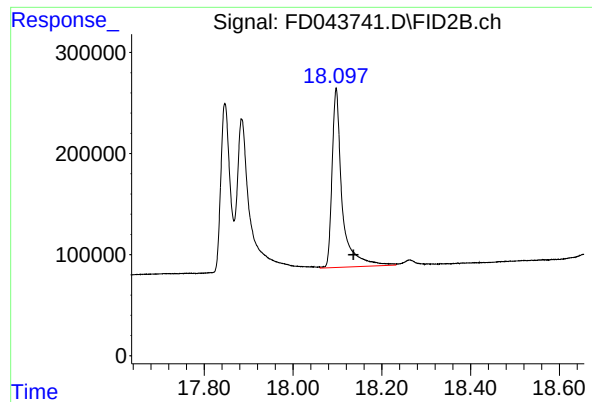
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.846 min
Delta R.T.: -0.051 min
Response: 2316828
Conc: 22.40 ug/ml m



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

R.T.: 17.885 min
Delta R.T.: -0.054 min
Response: 3100491
Conc: 22.03 ug/ml



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

R.T.: 18.097 min
Delta R.T.: -0.039 min
Response: 2803086
Conc: 22.02 ug/ml

Instrument :

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