

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072022AR\
 Data File : FD043298.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2022 21:36
 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 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: sample.E
 Quant Time: Jul 21 02:17:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.620	3425213	22.183 ug/ml
Spiked Amount 50.000		Recovery =	44.37%
6) S 2-Fluorobiphenyl (SURR)	8.483	2224979	21.095 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.19%
11) S ortho-Terphenyl (SURR)	11.529	4132487	22.737 ug/ml
Spiked Amount 50.000		Recovery =	45.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	4030024	23.995 ug/ml
2) T Naphthalene (C11.7)	5.954	3999191	22.843 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	3601919	22.394 ug/ml
5) T Acenaphthylene (C15.06)	8.285	3849461	21.657 ug/ml
7) T Acenaphthene (C15.5)	8.582	3960849	22.619 ug/ml
8) T Flouorene (C16.55)	9.363	3683926	21.253 ug/ml
9) T Phenanthrene (C19.36)	10.760	3511772	20.476 ug/ml
10) T Anthracene (C19.43)	10.834	2729291	16.065 ug/ml
12) T Fluoranthene (C21.85)	12.574	3512662	20.944 ug/ml
13) T Pyrene (C20.8)	12.871	3448381	21.160 ug/mlm
14) T Benzo[a]anthracene (C...	14.744	2801185	18.037 ug/mlm
15) T Chrysene (C27.41)	14.787	3107268	19.687 ug/ml
16) T benzo[b]fluoranthene ...	16.295	2943107	19.307 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.327	2889331	19.741 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2564641	17.930 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	2080989	16.630 ug/mlm
20) T Dibenz[a,h]anthracene...	18.077	2296552	17.083 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	2632403	20.183 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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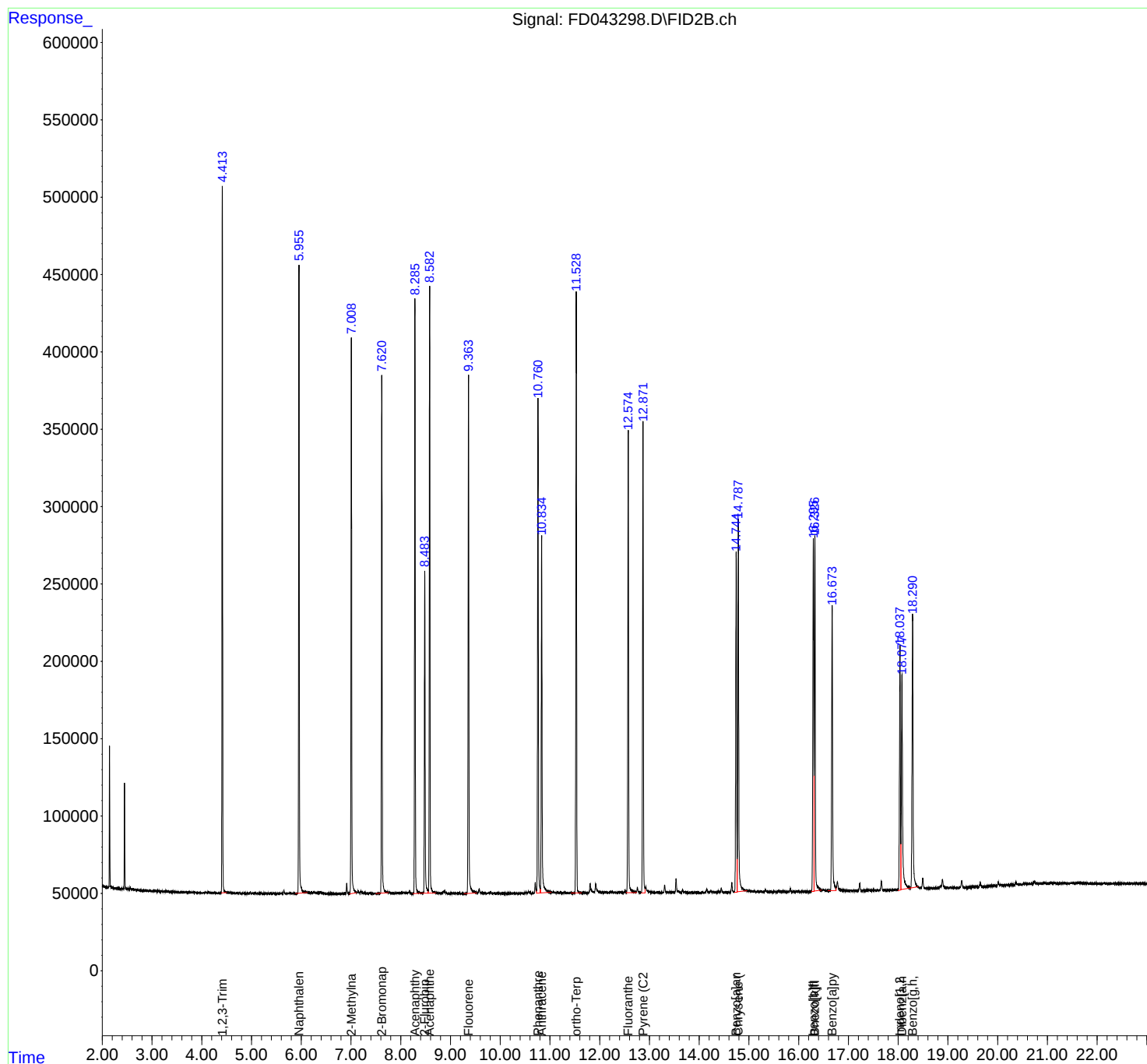
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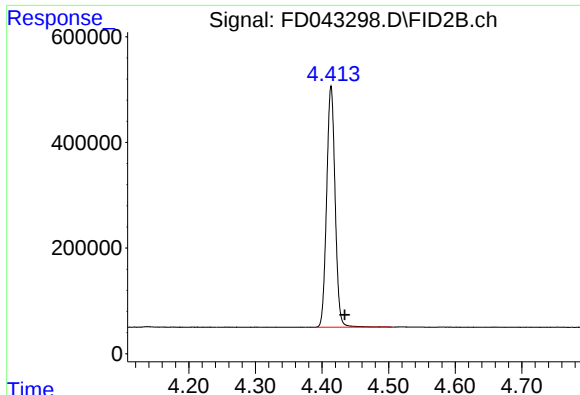
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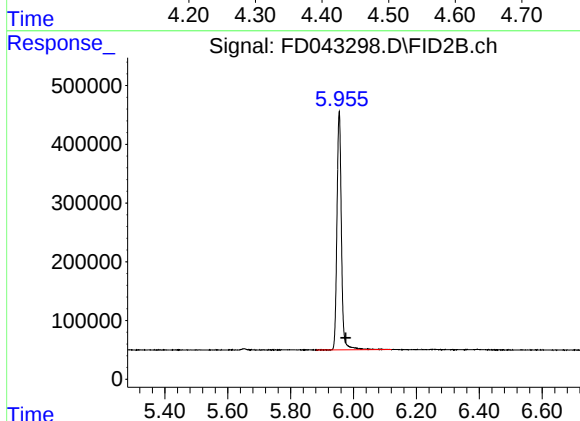
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: -0.020 min
Response: 4030024
Conc: 24.00 ug/ml

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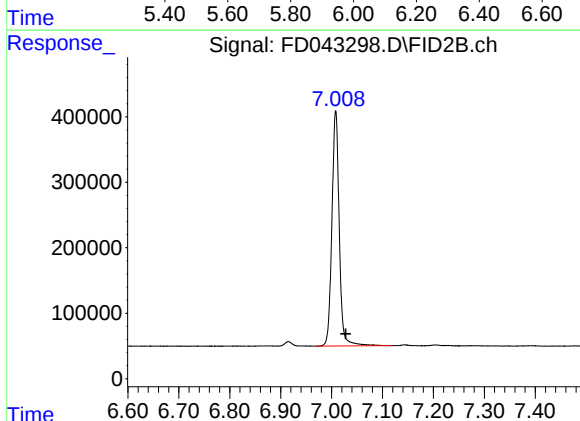
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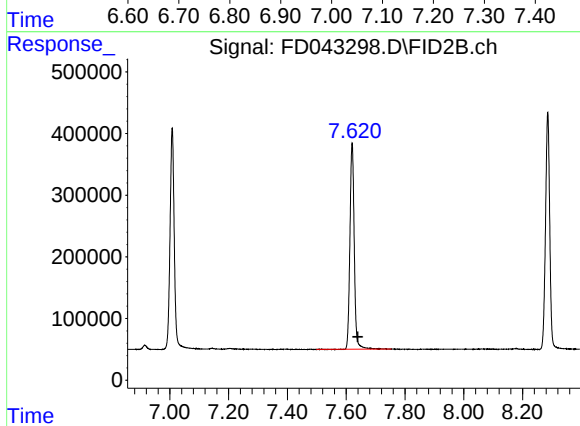
#2 Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.021 min
Response: 3999191
Conc: 22.84 ug/ml



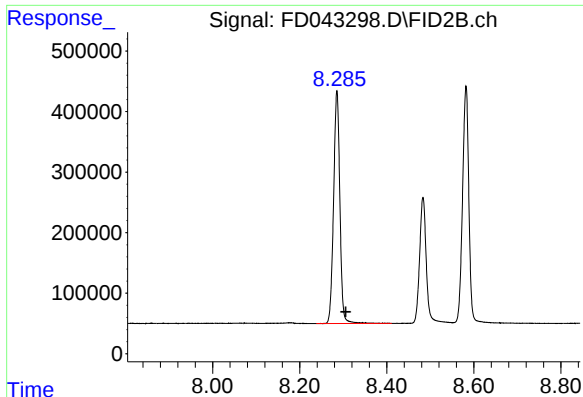
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.020 min
Response: 3601919
Conc: 22.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.620 min
Delta R.T.: -0.019 min
Response: 3425213
Conc: 22.18 ug/ml



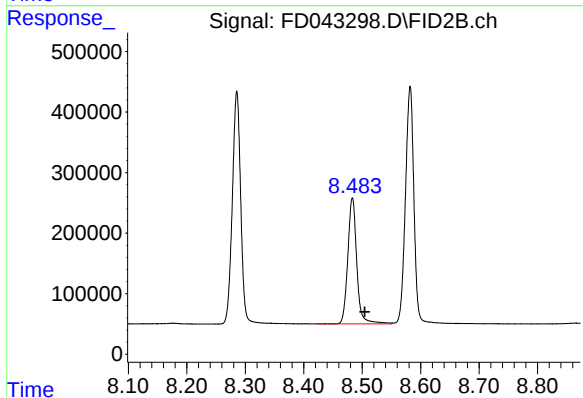
#5 Acenaphthylene (C15.06)

R.T.: 8.285 min
Delta R.T.: -0.020 min
Response: 3849461
Conc: 21.66 ug/ml

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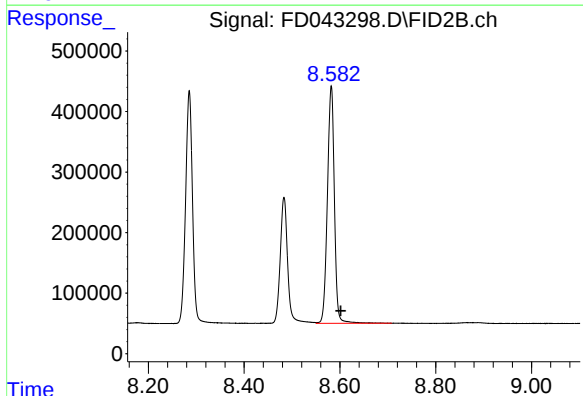
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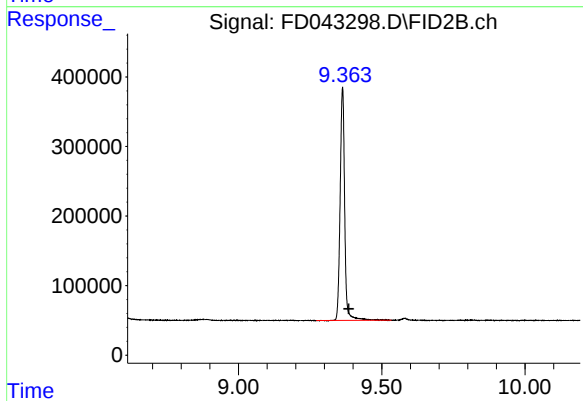
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.483 min
Delta R.T.: -0.021 min
Response: 2224979
Conc: 21.09 ug/ml



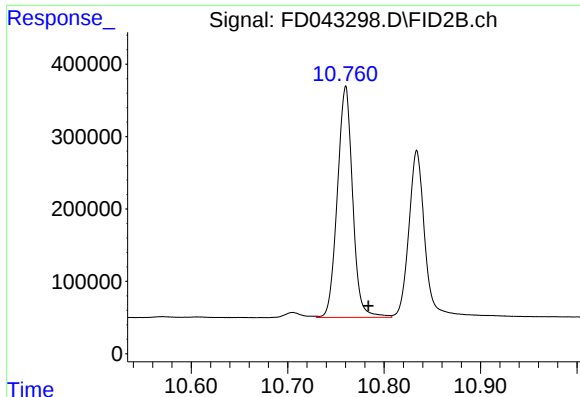
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: -0.020 min
Response: 3960849
Conc: 22.62 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.363 min
Delta R.T.: -0.022 min
Response: 3683926
Conc: 21.25 ug/ml



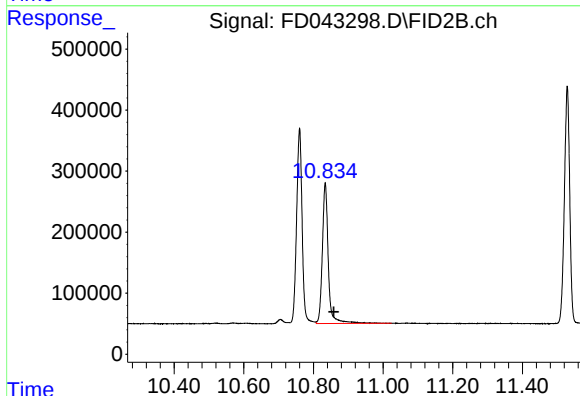
#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: -0.024 min
Response: 3511772
Conc: 20.48 ug/ml

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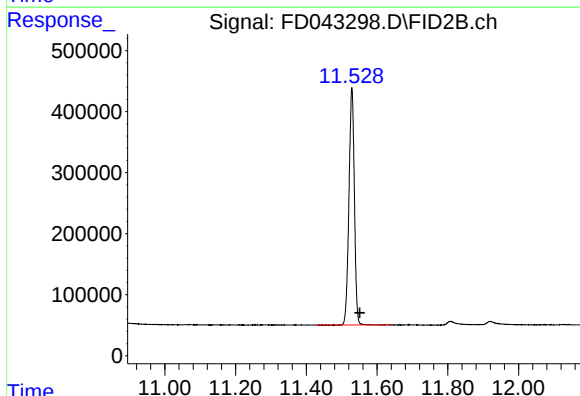
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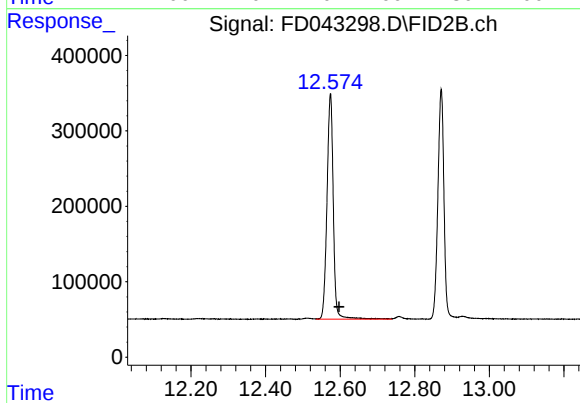
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: -0.024 min
Response: 2729291
Conc: 16.06 ug/ml



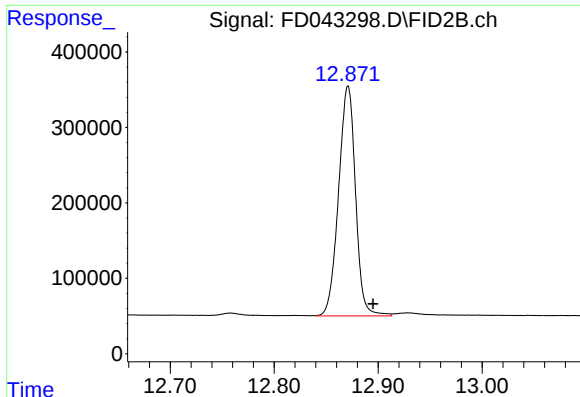
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.023 min
Response: 4132487
Conc: 22.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.574 min
Delta R.T.: -0.024 min
Response: 3512662
Conc: 20.94 ug/ml



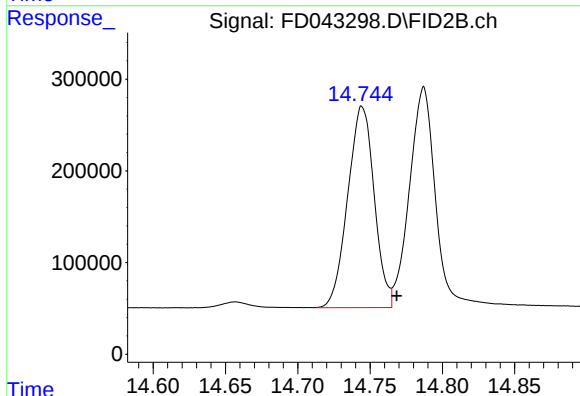
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.024 min
Response: 3448381
Conc: 21.16 ug/ml

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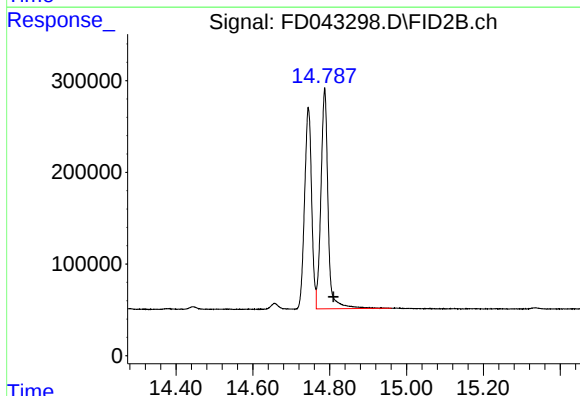
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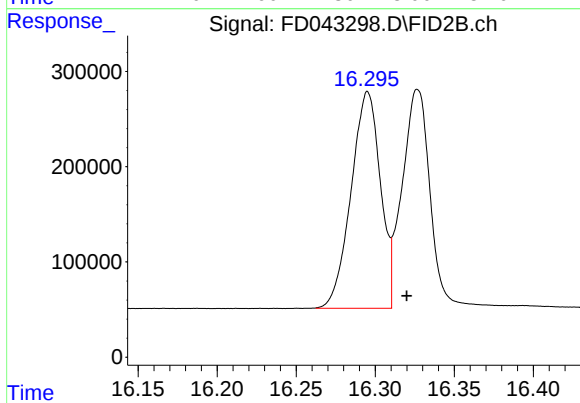
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.025 min
Response: 2801185
Conc: 18.04 ug/ml m



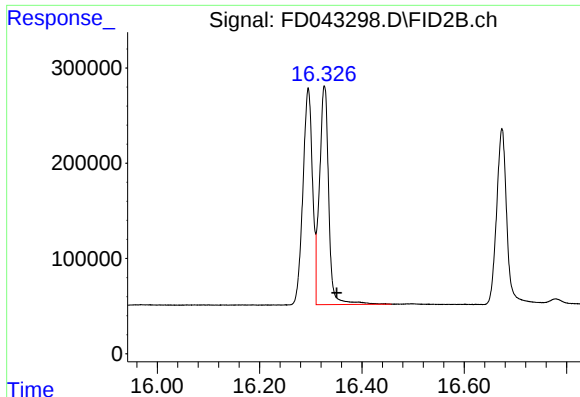
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.023 min
Response: 3107268
Conc: 19.69 ug/ml



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

R.T.: 16.295 min
Delta R.T.: -0.025 min
Response: 2943107
Conc: 19.31 ug/ml m



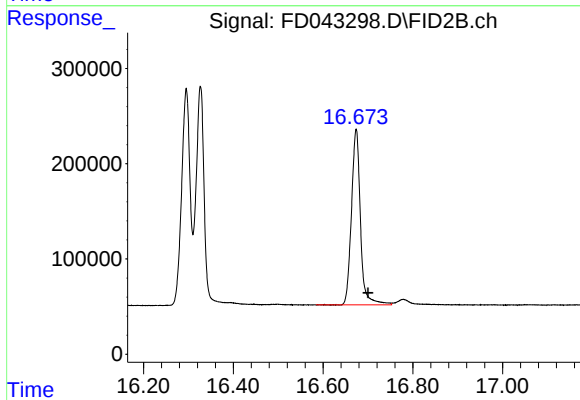
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: -0.024 min
Response: 2889331
Conc: 19.74 ug/ml

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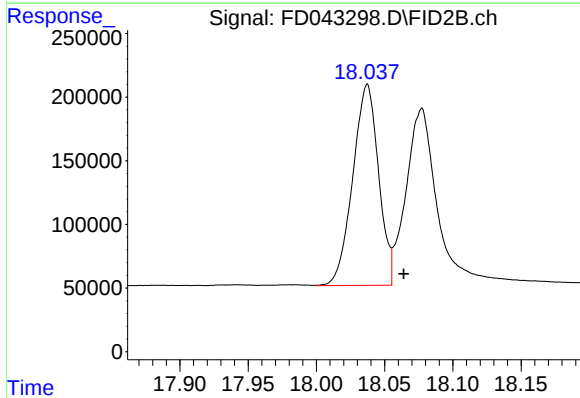
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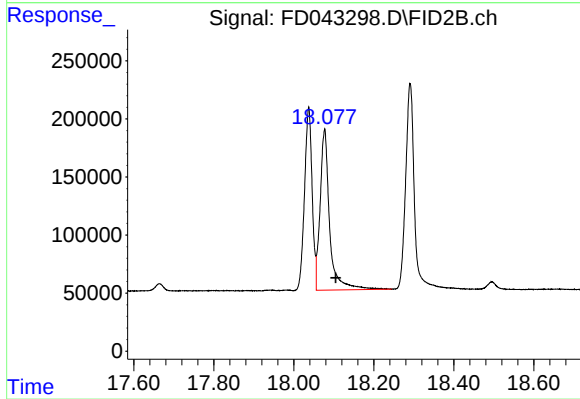
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.026 min
Response: 2564641
Conc: 17.93 ug/ml



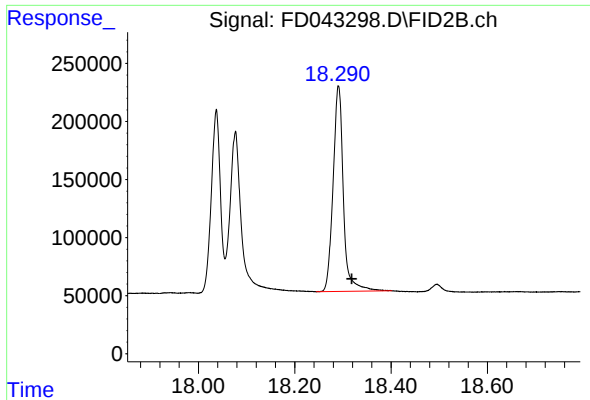
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: -0.027 min
Response: 2080989
Conc: 16.63 ug/ml m



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

R.T.: 18.077 min
Delta R.T.: -0.028 min
Response: 2296552
Conc: 17.08 ug/ml



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

R.T.: 18.291 min
Delta R.T.: -0.027 min
Response: 2632403
Conc: 20.18 ug/ml

Instrument :

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