

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080124AR\
 Data File : FD048128.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 01:51
 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 08/02/2024
 Supervised By :Ankita Jodhani 08/02/2024

Integration File: autoint1.e
 Quant Time: Aug 02 04:29:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.403	2977190	20.032 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
6) S 2-Fluorobiphenyl (SURR)	8.254	1945977	20.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.291	3373146	20.160 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	3334923	19.916 ug/ml
2) T Naphthalene (C11.7)	5.743	3450428	19.966 ug/ml
3) T 2-Methylnaphthalene (...)	6.790	3475070	20.032 ug/ml
5) T Acenaphthylene (C15.06)	8.057	3333459	19.452 ug/ml
7) T Acenaphthene (C15.5)	8.351	3414695	19.684 ug/ml
8) T Flouorene (C16.55)	9.130	3302201	20.331 ug/ml
9) T Phenanthrene (C19.36)	10.518	3236572	20.380 ug/ml
10) T Anthracene (C19.43)	10.592	2463649	15.603 ug/ml
12) T Fluoranthene (C21.85)	12.322	3257895	20.576 ug/ml
13) T Pyrene (C20.8)	12.616	3211740	20.311 ug/ml
14) T Benzo[a]anthracene (C...	14.484	2879574	21.091 ug/ml
15) T Chrysene (C27.41)	14.526	3052871	18.938 ug/ml
16) T benzo[b]fluoranthene ...	16.031	3047885	21.175 ug/ml
17) T Bnezo[k]fluoranthene ...	16.062	3052611	20.438 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	2924436	20.648 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.770	2655385	23.544 ug/mlm
20) T Dibenz[a,h]anthracene...	17.809	2800410	19.269 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.021	2985414	20.258 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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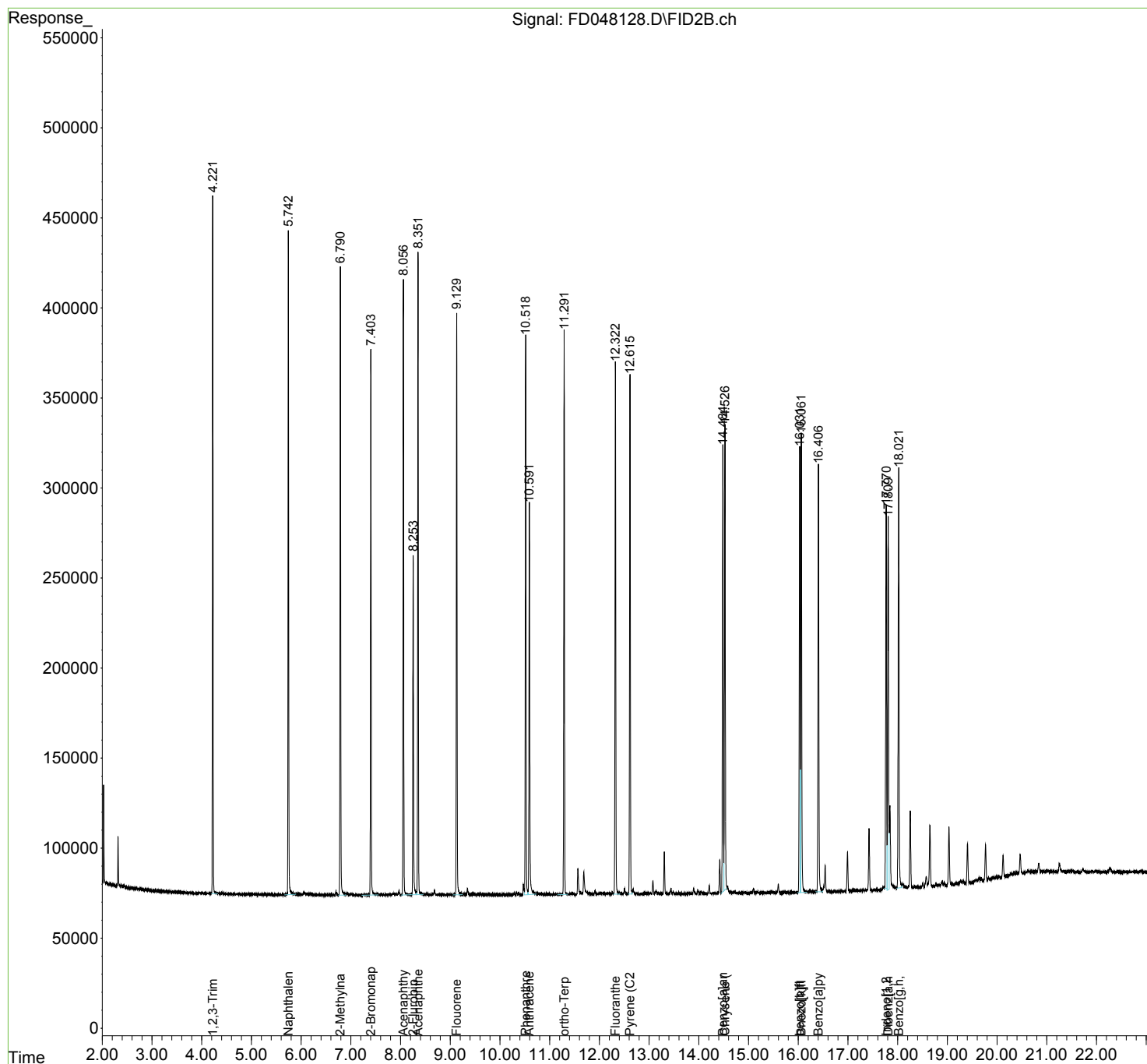
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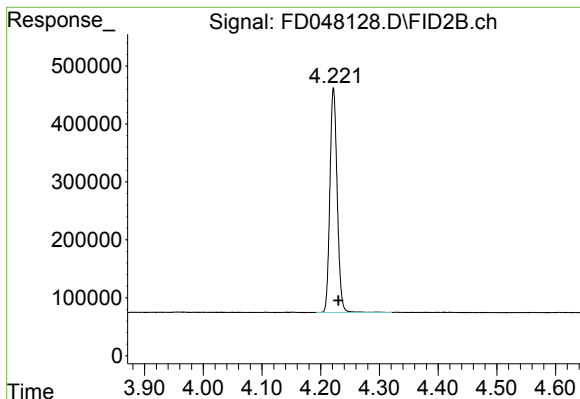
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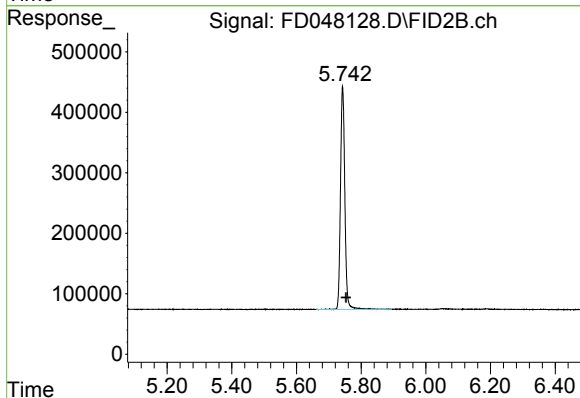
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.008 min
Response: 3334923
Conc: 19.92 ug/ml

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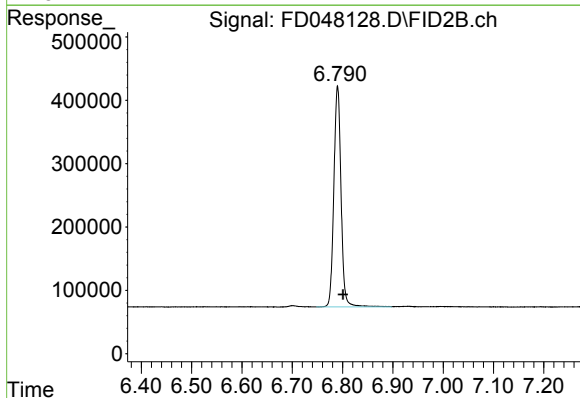
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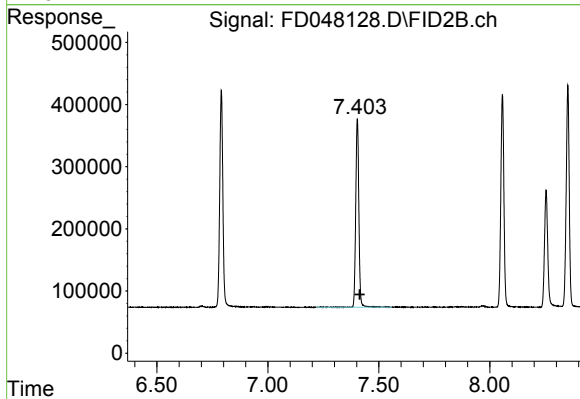
#2 Naphthalene (C11.7)

R.T.: 5.743 min
Delta R.T.: -0.010 min
Response: 3450428
Conc: 19.97 ug/ml



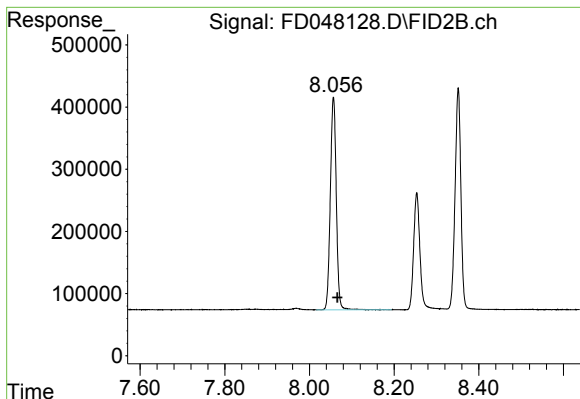
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.790 min
Delta R.T.: -0.011 min
Response: 3475070
Conc: 20.03 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.403 min
Delta R.T.: -0.010 min
Response: 2977190
Conc: 20.03 ug/ml



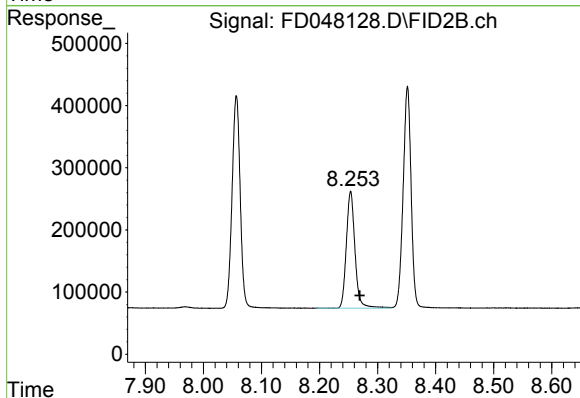
#5 Acenaphthylene (C15.06)

R.T.: 8.057 min
Delta R.T.: -0.010 min
Response: 3333459
Conc: 19.45 ug/ml

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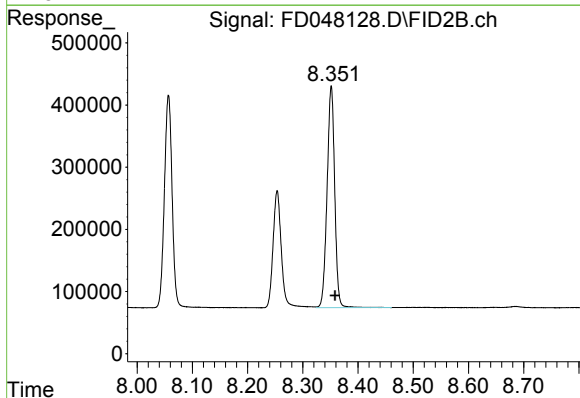
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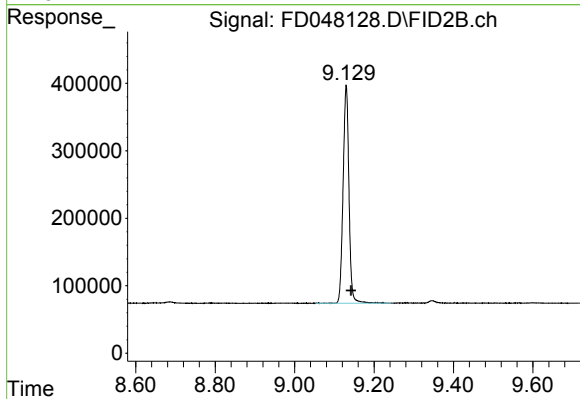
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.254 min
Delta R.T.: -0.015 min
Response: 1945977
Conc: 20.56 ug/ml



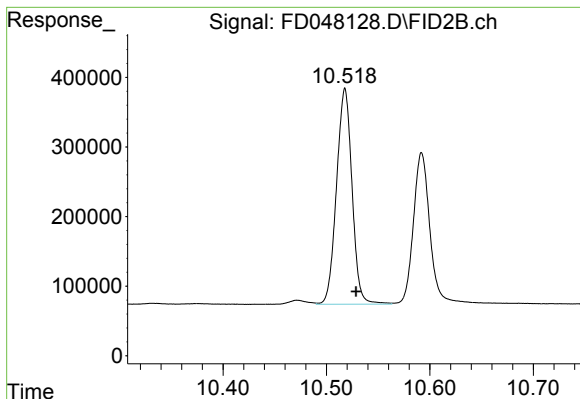
#7 Acenaphthene (C15.5)

R.T.: 8.351 min
Delta R.T.: -0.007 min
Response: 3414695
Conc: 19.68 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.130 min
Delta R.T.: -0.012 min
Response: 3302201
Conc: 20.33 ug/ml



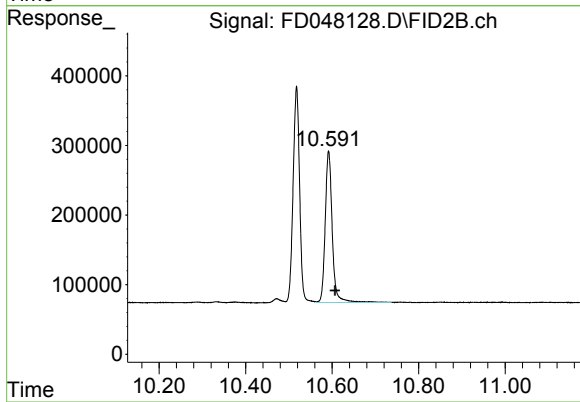
#9 Phenanthrene (C19.36)

R.T.: 10.518 min
Delta R.T.: -0.011 min
Response: 3236572
Conc: 20.38 ug/ml

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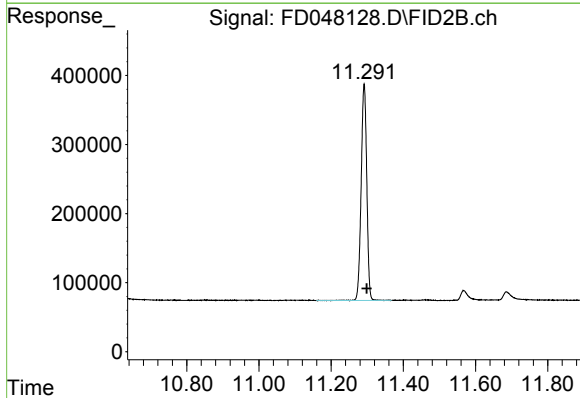
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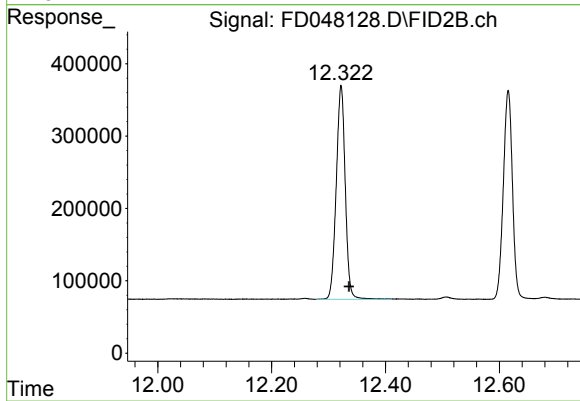
#10 Anthracene (C19.43)

R.T.: 10.592 min
Delta R.T.: -0.015 min
Response: 2463649
Conc: 15.60 ug/ml



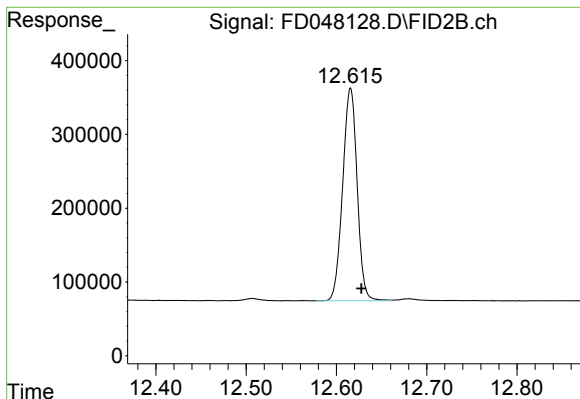
#11 ortho-Terphenyl (SURR)

R.T.: 11.291 min
Delta R.T.: -0.007 min
Response: 3373146
Conc: 20.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.322 min
Delta R.T.: -0.014 min
Response: 3257895
Conc: 20.58 ug/ml



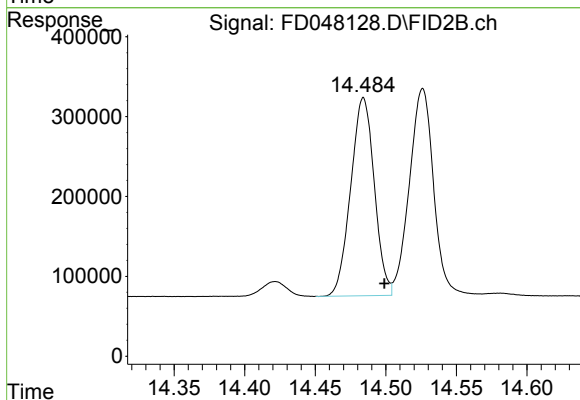
#13 Pyrene (C20.8)

R.T.: 12.616 min
Delta R.T.: -0.012 min
Response: 3211740
Conc: 20.31 ug/ml

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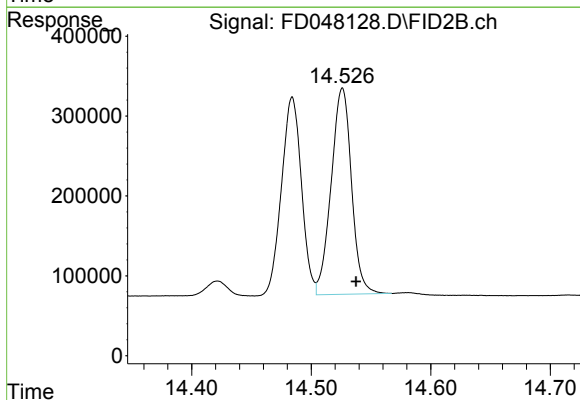
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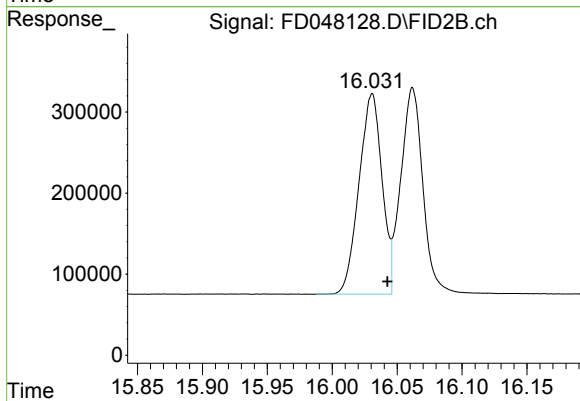
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.484 min
Delta R.T.: -0.015 min
Response: 2879574
Conc: 21.09 ug/ml



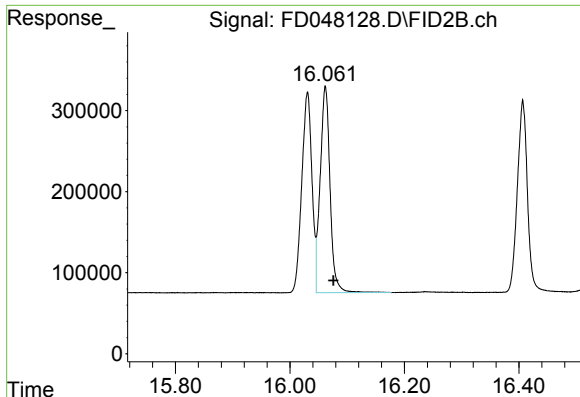
#15 Chrysene (C27.41)

R.T.: 14.526 min
Delta R.T.: -0.011 min
Response: 3052871
Conc: 18.94 ug/ml



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

R.T.: 16.031 min
Delta R.T.: -0.012 min
Response: 3047885
Conc: 21.18 ug/ml



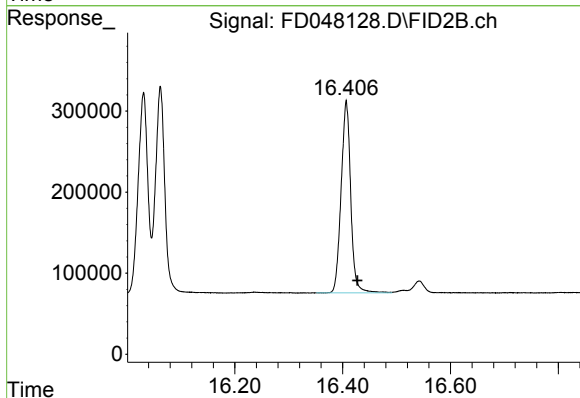
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.062 min
Delta R.T.: -0.014 min
Response: 3052611
Conc: 20.44 ug/ml

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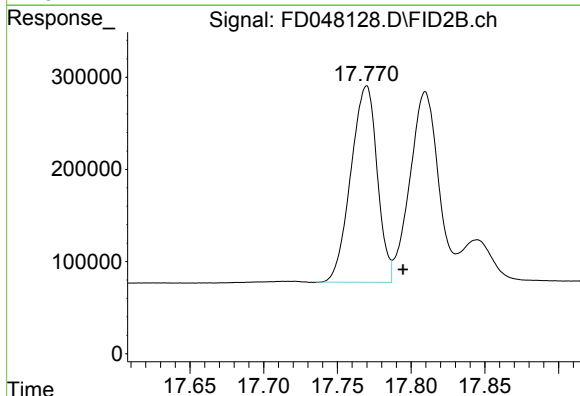
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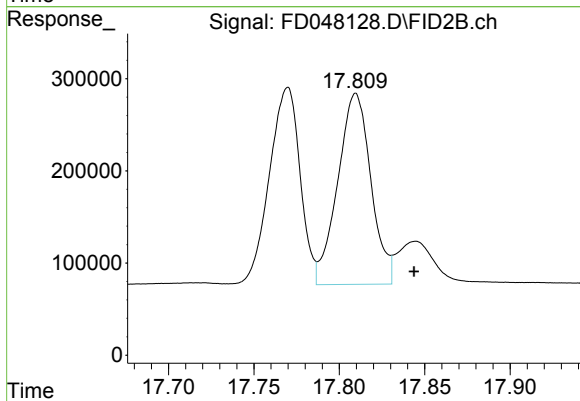
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: -0.021 min
Response: 2924436
Conc: 20.65 ug/ml



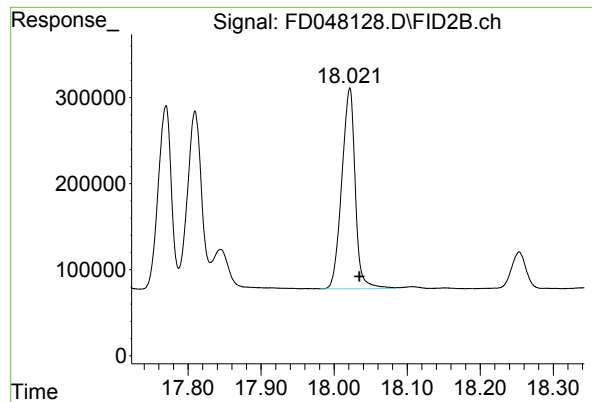
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.770 min
Delta R.T.: -0.025 min
Response: 2655385
Conc: 23.54 ug/ml m



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

R.T.: 17.809 min
Delta R.T.: -0.035 min
Response: 2800410
Conc: 19.27 ug/ml m



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

R.T.: 18.021 min
Delta R.T.: -0.014 min
Response: 2985414
Conc: 20.26 ug/ml

Instrument :

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