

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045896.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 01:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 20 02:37:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.522	3767605	20.898 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
6) S 2-Fluorobiphenyl (SURR)	8.376	2454544	20.416 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.83%
11) S ortho-Terphenyl (SURR)	11.416	4411052	19.748 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.333	4348982	21.543 ug/ml
2) T Naphthalene (C11.7)	5.862	4446094	20.983 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	4396696	20.817 ug/ml
5) T Acenaphthylene (C15.06)	8.180	3886790	20.515 ug/ml
7) T Acenaphthene (C15.5)	8.476	4155385	20.553 ug/ml
8) T Fluorene (C16.55)	9.254	3973871	20.056 ug/ml
9) T Phenanthrene (C19.36)	10.644	3703766	19.360 ug/ml
10) T Anthracene (C19.43)	10.718	3226924	18.943 ug/ml
12) T Fluoranthene (C21.85)	12.448	3463254	18.746 ug/ml
13) T Pyrene (C20.8)	12.742	3339113	18.696 ug/ml
14) T Benzo[a]anthracene (C...	14.605	2995134	19.130 ug/ml
15) T Chrysene (C27.41)	14.648	3153247	19.113 ug/ml
16) T benzo[b]fluoranthene ...	16.147	3109002	20.542 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.180	3061567	19.775 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	3036846	20.766 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	3164902	21.608 ug/ml
20) T Dibenz[a,h]anthracene...	17.921	3235040	21.564 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	3164280	21.445 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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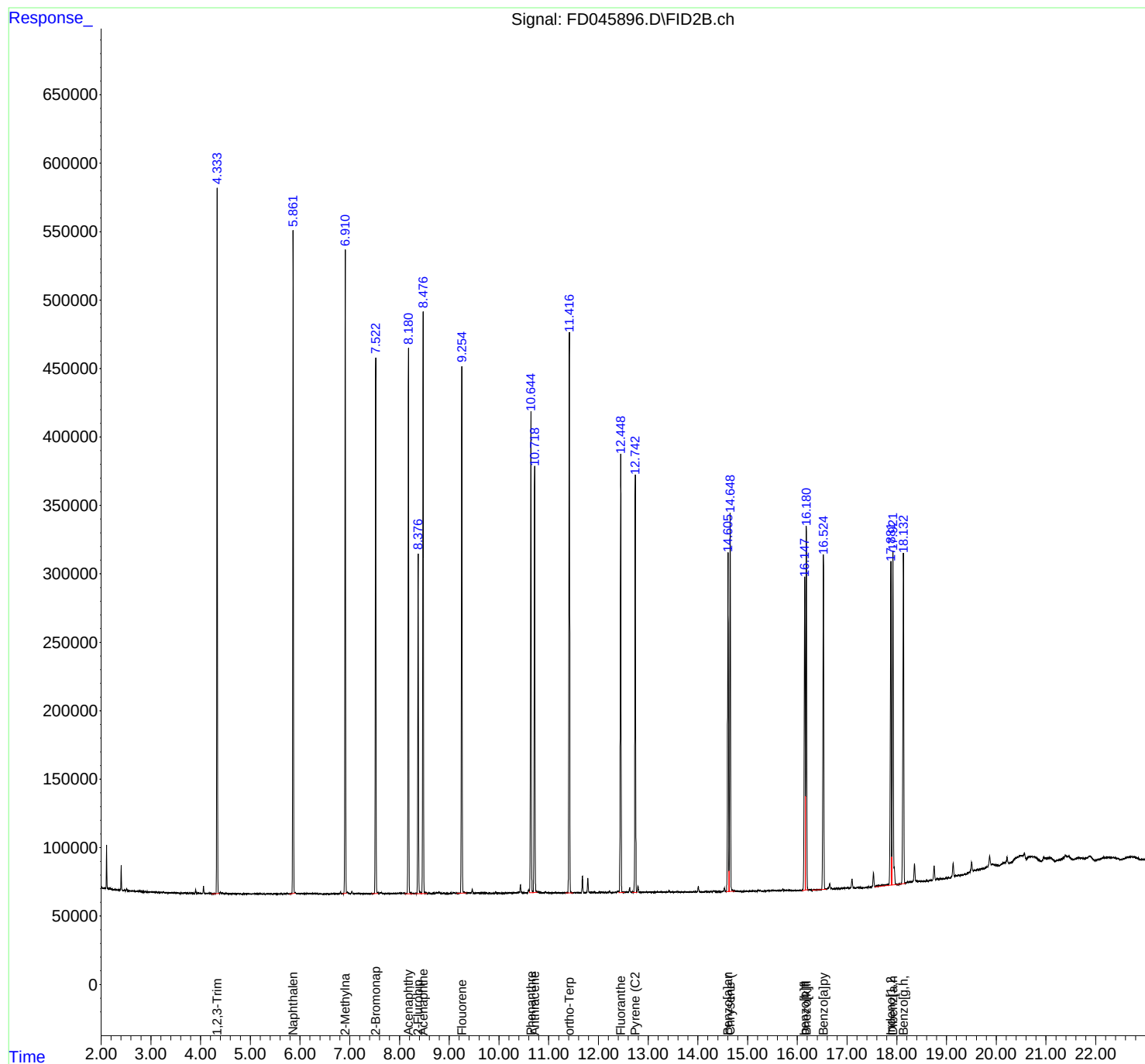
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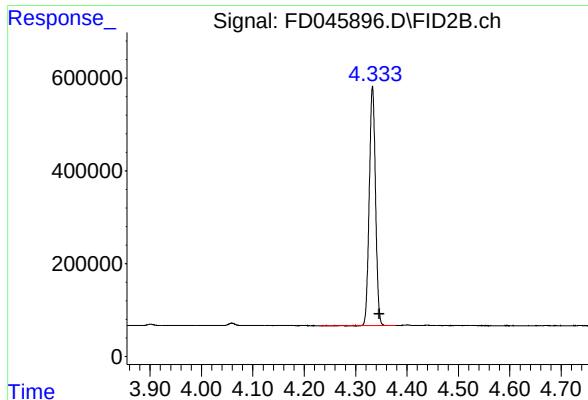
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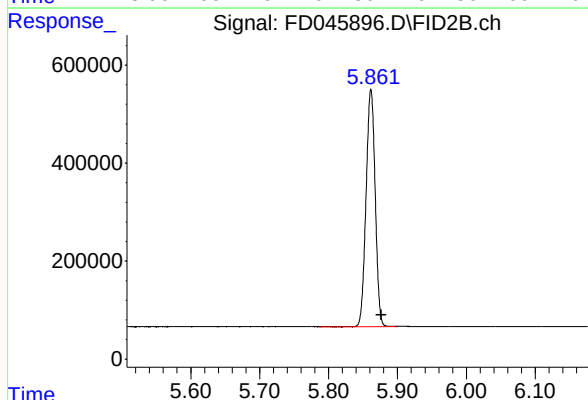
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.333 min
Delta R.T.: -0.013 min
Response: 4348982
Conc: 21.54 ug/ml

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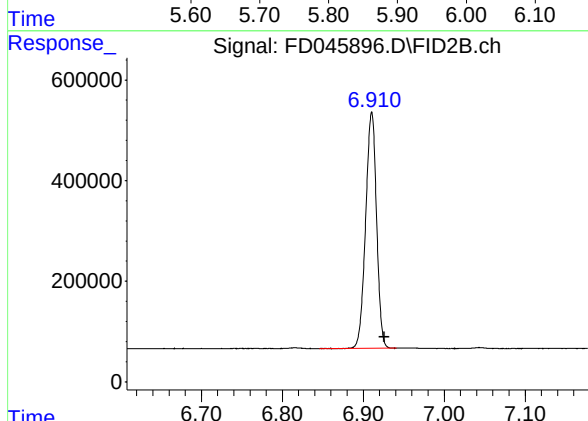
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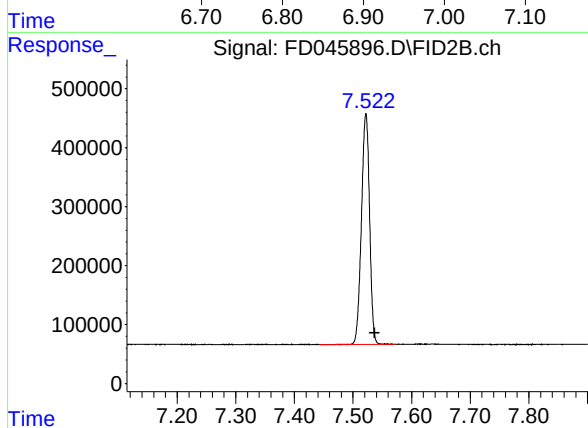
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: -0.015 min
Response: 4446094
Conc: 20.98 ug/ml



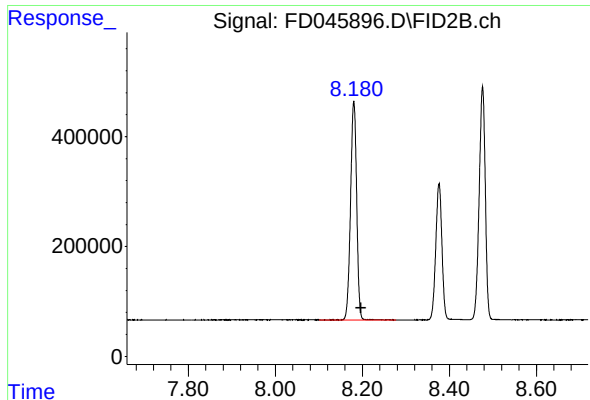
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.016 min
Response: 4396696
Conc: 20.82 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.015 min
Response: 3767605
Conc: 20.90 ug/ml



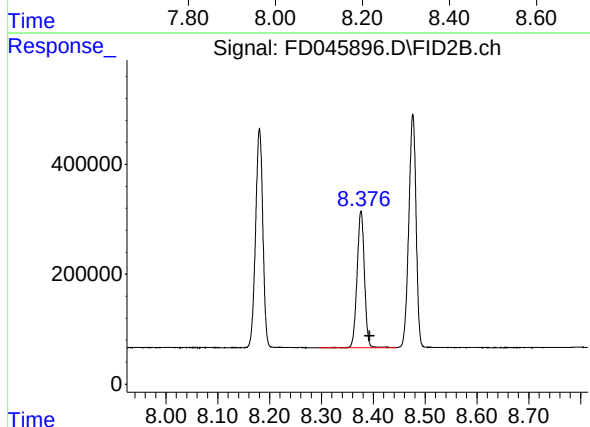
#5 Acenaphthylene (C15.06)

R.T.: 8.180 min
Delta R.T.: -0.016 min
Response: 3886790
Conc: 20.51 ug/ml

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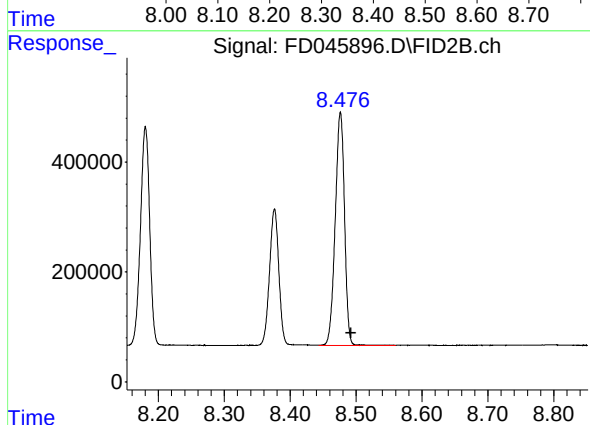
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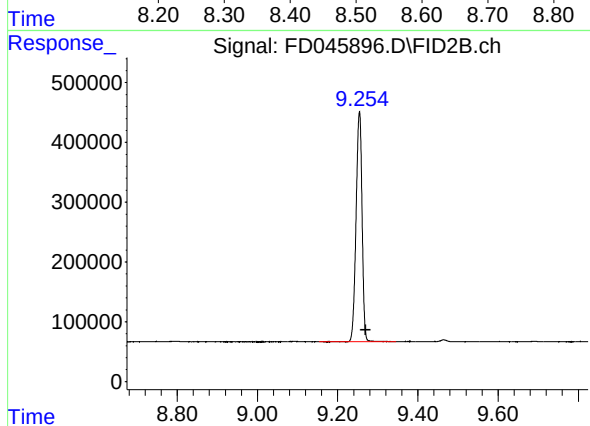
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: -0.016 min
Response: 2454544
Conc: 20.42 ug/ml



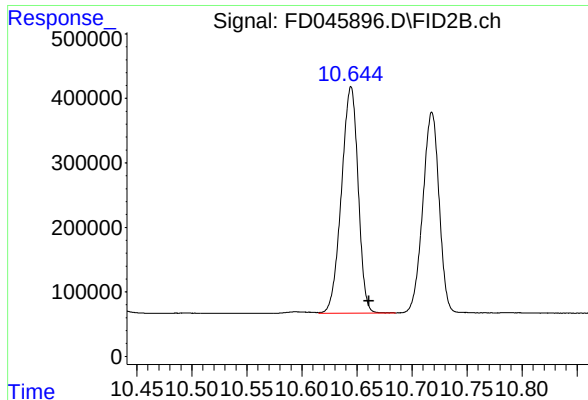
#7 Acenaphthene (C15.5)

R.T.: 8.476 min
Delta R.T.: -0.016 min
Response: 4155385
Conc: 20.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.254 min
Delta R.T.: -0.016 min
Response: 3973871
Conc: 20.06 ug/ml



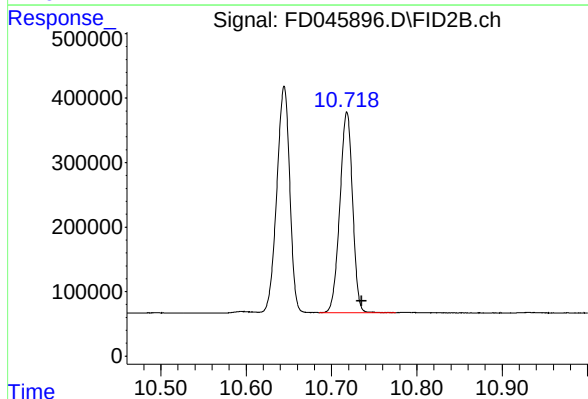
#9 Phenanthrene (C19.36)

R.T.: 10.644 min
Delta R.T.: -0.017 min
Response: 3703766
Conc: 19.36 ug/ml

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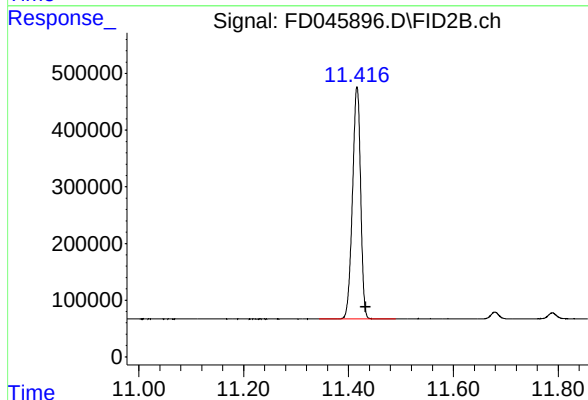
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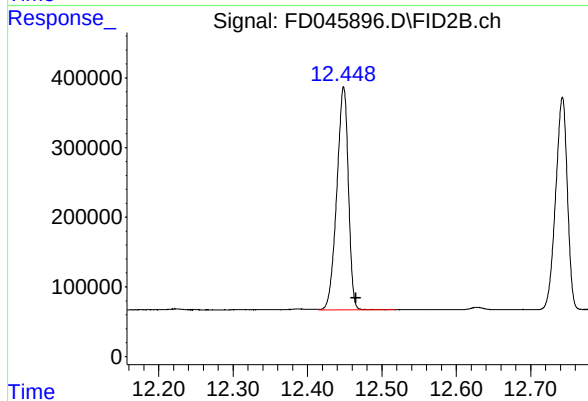
#10 Anthracene (C19.43)

R.T.: 10.718 min
Delta R.T.: -0.017 min
Response: 3226924
Conc: 18.94 ug/ml



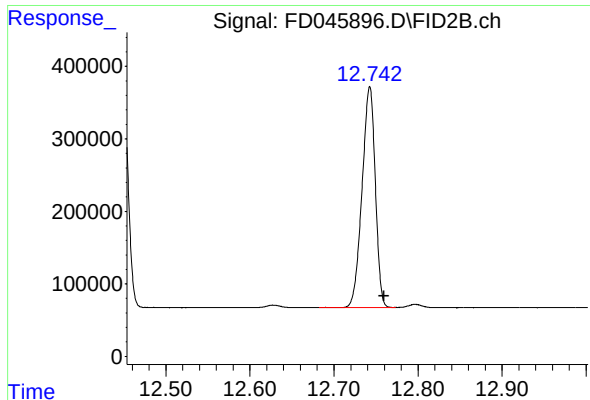
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.016 min
Response: 4411052
Conc: 19.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.448 min
Delta R.T.: -0.017 min
Response: 3463254
Conc: 18.75 ug/ml



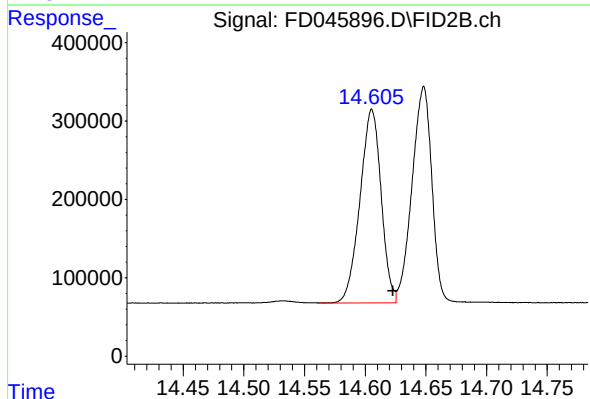
#13 Pyrene (C20.8)

R.T.: 12.742 min
Delta R.T.: -0.017 min
Response: 3339113
Conc: 18.70 ug/ml

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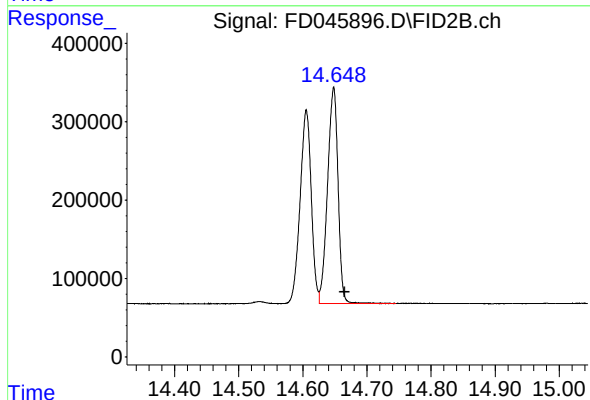
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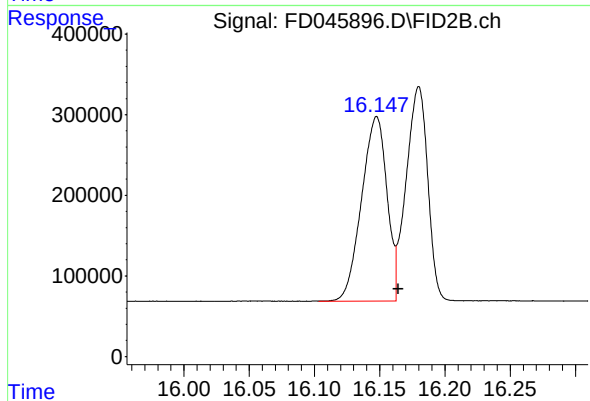
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.605 min
Delta R.T.: -0.018 min
Response: 2995134
Conc: 19.13 ug/ml



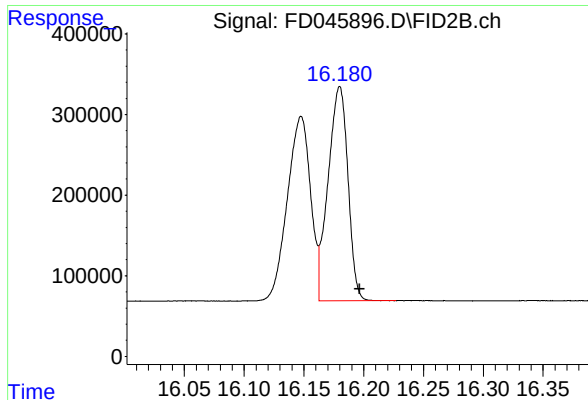
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: -0.018 min
Response: 3153247
Conc: 19.11 ug/ml



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

R.T.: 16.147 min
Delta R.T.: -0.017 min
Response: 3109002
Conc: 20.54 ug/ml m



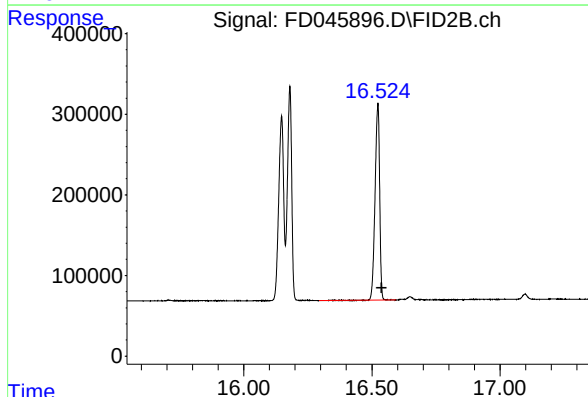
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.180 min
Delta R.T.: -0.017 min
Response: 3061567
Conc: 19.78 ug/ml

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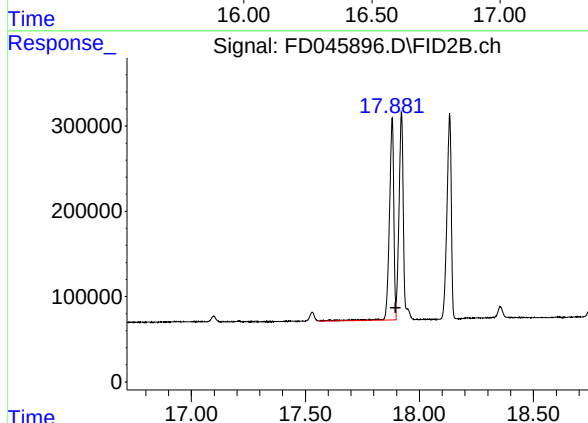
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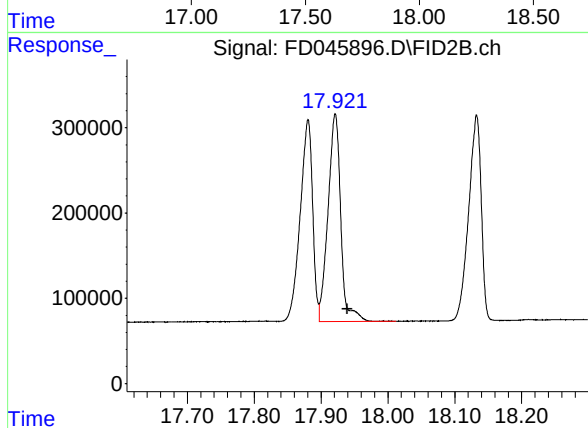
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: -0.016 min
Response: 3036846
Conc: 20.77 ug/ml



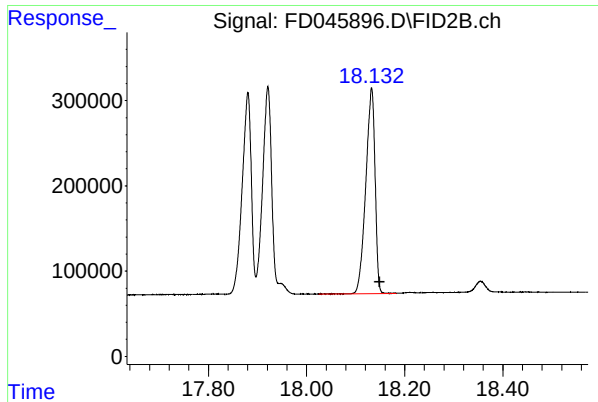
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 3164902
Conc: 21.61 ug/ml



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

R.T.: 17.921 min
Delta R.T.: -0.018 min
Response: 3235040
Conc: 21.56 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.017 min
Response: 3164280
Conc: 21.44 ug/ml

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