

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046592.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2023 03:51
 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 09/27/2023
 Supervised By :Ankita Jodhani 09/27/2023

Integration File: autoint1.e
 Quant Time: Sep 27 04:36:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.489	3953592	22.435 ug/ml
Spiked Amount 50.000		Recovery =	44.87%
6) S 2-Fluorobiphenyl (SURR)	8.342	2614102	22.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.13%
11) S ortho-Terphenyl (SURR)	11.380	4653445	22.841 ug/ml
Spiked Amount 50.000		Recovery =	45.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	4094570	22.169 ug/ml
2) T Naphthalene (C11.7)	5.829	4312687	22.319 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	4359513	22.496 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3926420	22.268 ug/ml
7) T Acenaphthene (C15.5)	8.442	4236600	22.548 ug/ml
8) T Fluorene (C16.55)	9.219	4104311	22.752 ug/ml
9) T Phenanthrene (C19.36)	10.608	3998389	22.741 ug/ml
10) T Anthracene (C19.43)	10.682	3491002	22.729 ug/ml
12) T Fluoranthene (C21.85)	12.410	4031653	23.654 ug/ml
13) T Pyrene (C20.8)	12.705	3823916	23.310 ug/ml
14) T Benzo[a]anthracene (C...	14.568	3269412	23.414 ug/ml
15) T Chrysene (C27.41)	14.610	3559284	23.447 ug/ml
16) T benzo[b]fluoranthene ...	16.109	3199197	23.323 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	3369090	24.321 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	3018618	22.564 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2802171	22.355 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	3222778	24.219 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.092	2938202	22.281 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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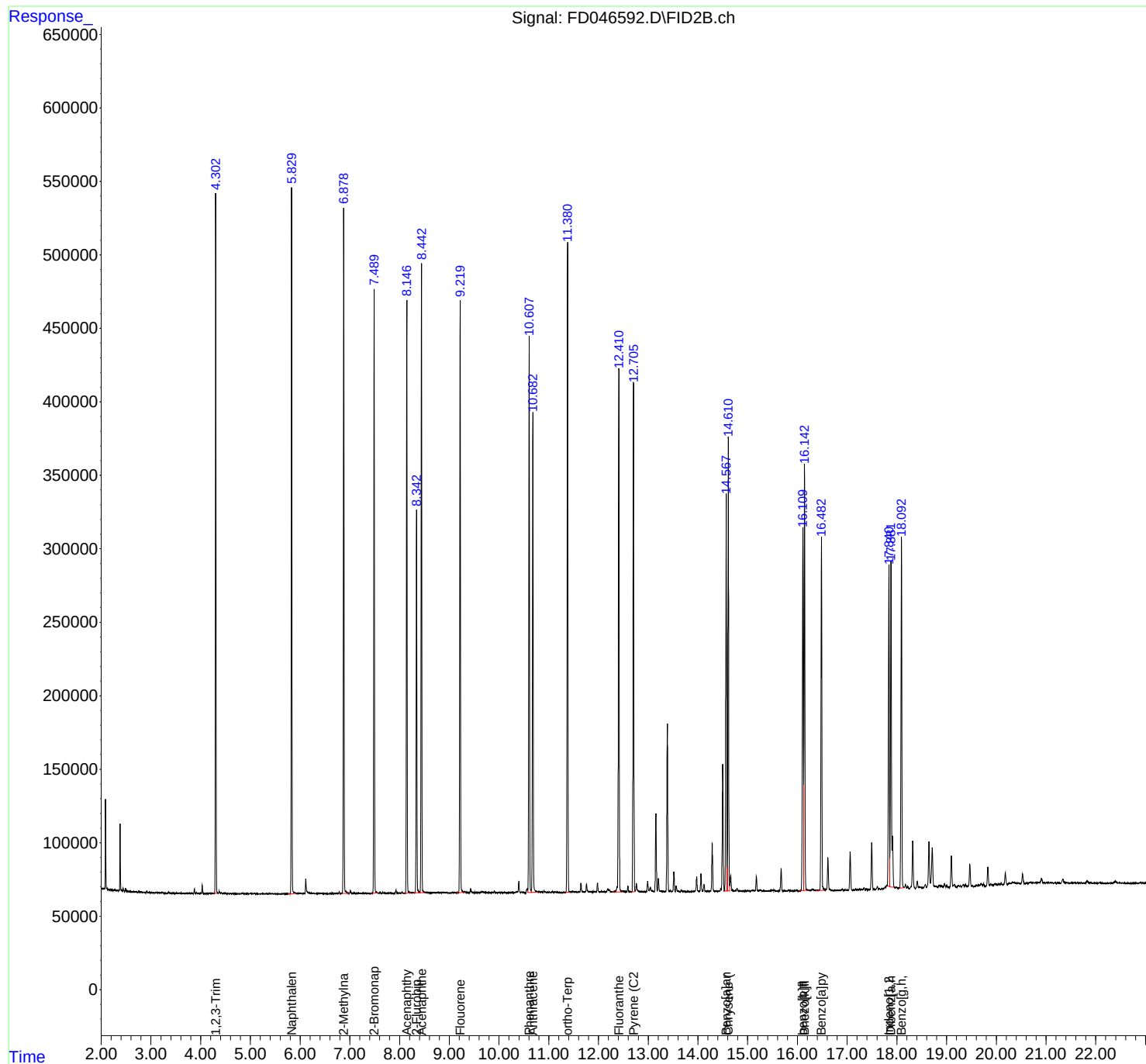
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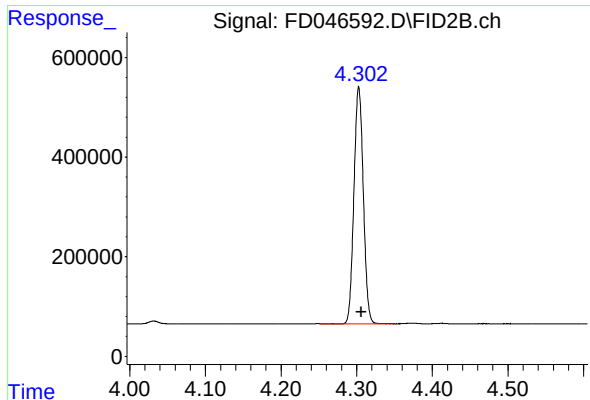
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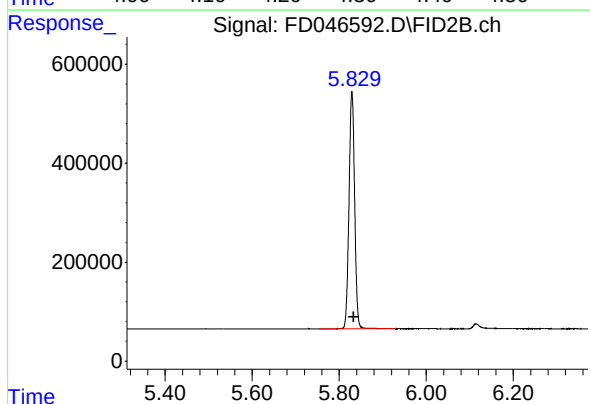
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 4094570
Conc: 22.17 ug/ml

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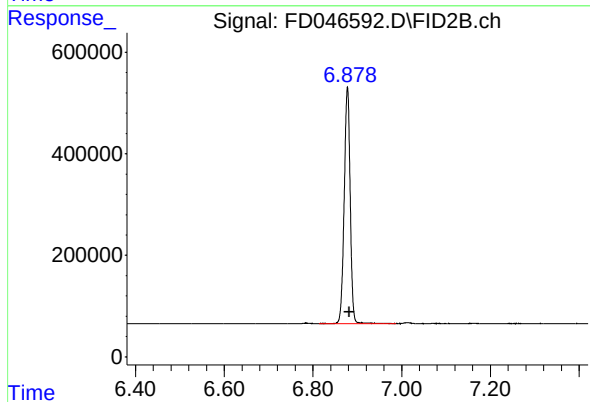
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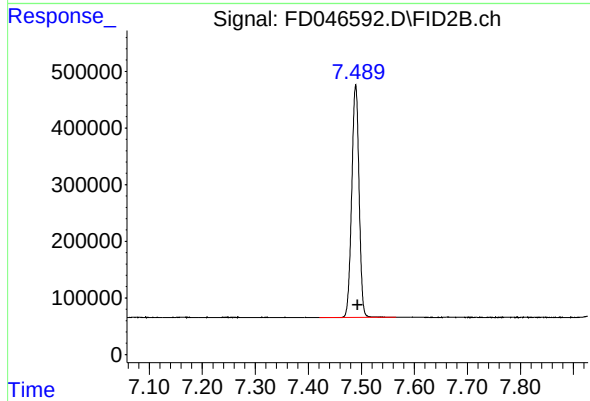
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 4312687
Conc: 22.32 ug/ml



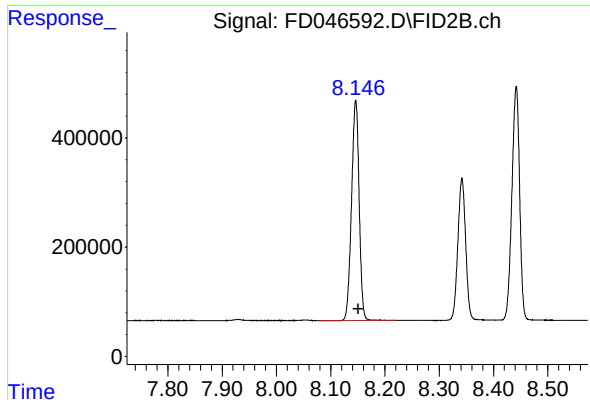
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 4359513
Conc: 22.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 3953592
Conc: 22.43 ug/ml



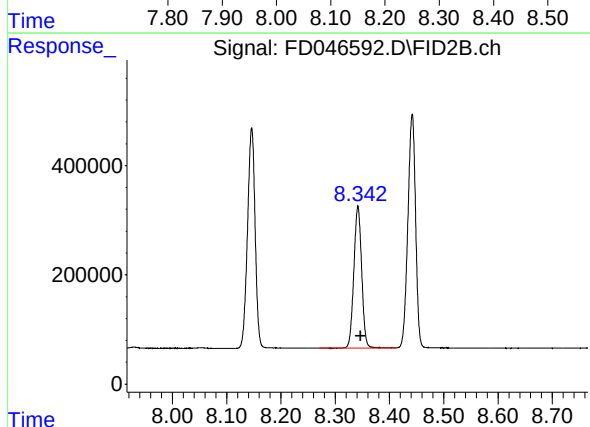
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 3926420
Conc: 22.27 ug/ml

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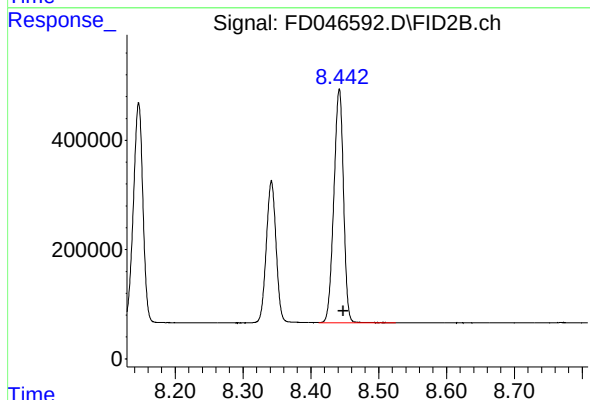
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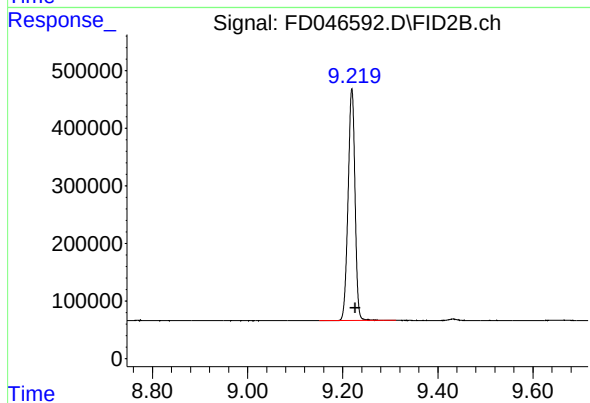
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2614102
Conc: 22.56 ug/ml



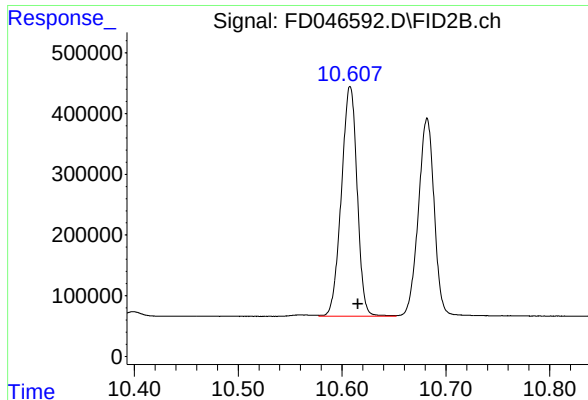
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: -0.006 min
Response: 4236600
Conc: 22.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 4104311
Conc: 22.75 ug/ml



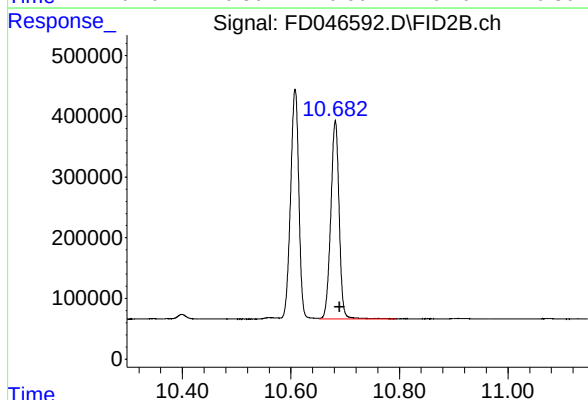
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: -0.008 min
Response: 3998389
Conc: 22.74 ug/ml

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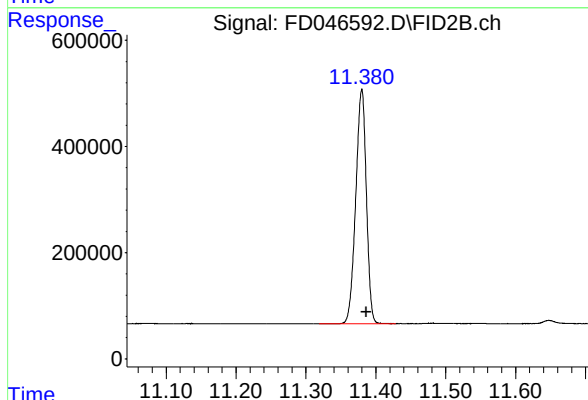
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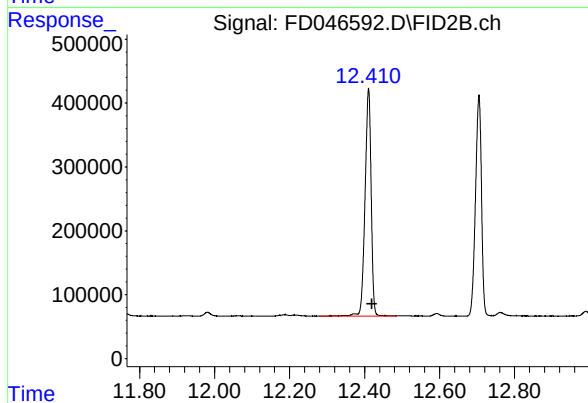
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.008 min
Response: 3491002
Conc: 22.73 ug/ml



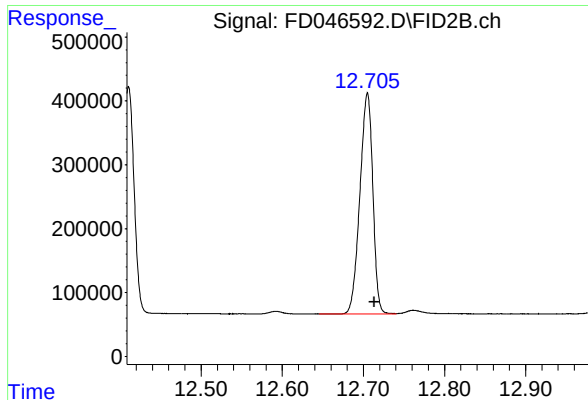
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.007 min
Response: 4653445
Conc: 22.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: -0.009 min
Response: 4031653
Conc: 23.65 ug/ml



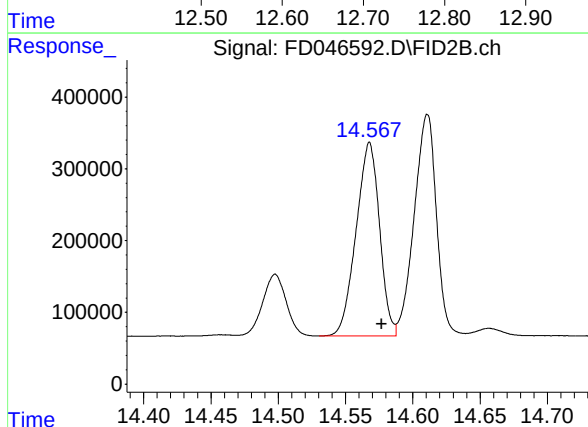
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: -0.009 min
Response: 3823916
Conc: 23.31 ug/ml

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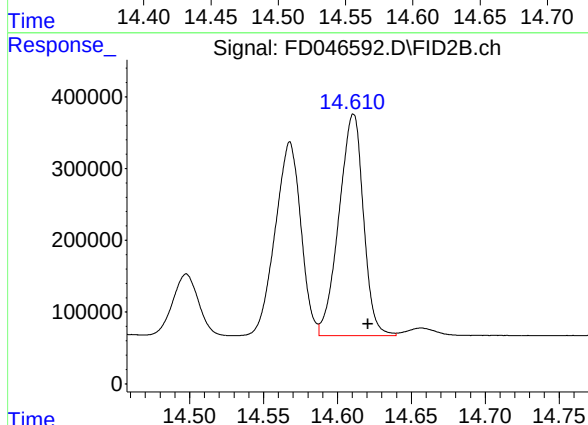
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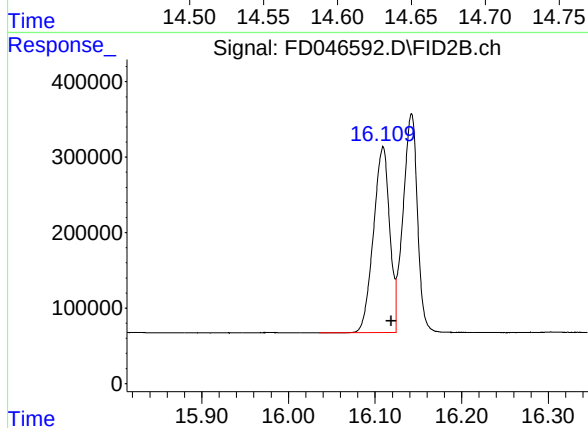
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.009 min
Response: 3269412
Conc: 23.41 ug/ml



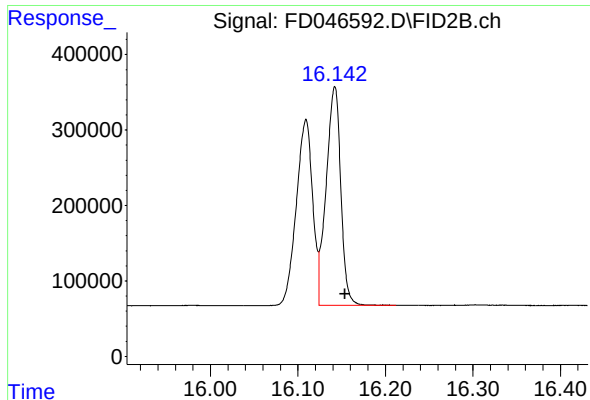
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: -0.010 min
Response: 3559284
Conc: 23.45 ug/ml



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

R.T.: 16.109 min
Delta R.T.: -0.010 min
Response: 3199197
Conc: 23.32 ug/ml



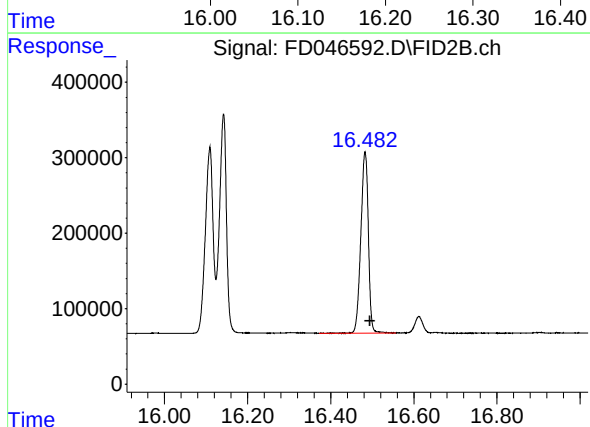
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.142 min
Delta R.T.: -0.012 min
Response: 3369090
Conc: 24.32 ug/ml

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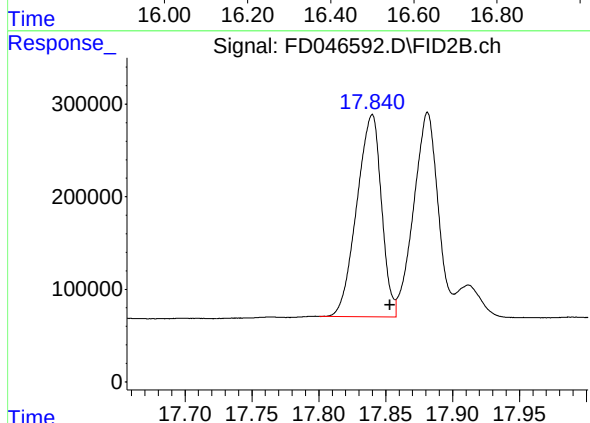
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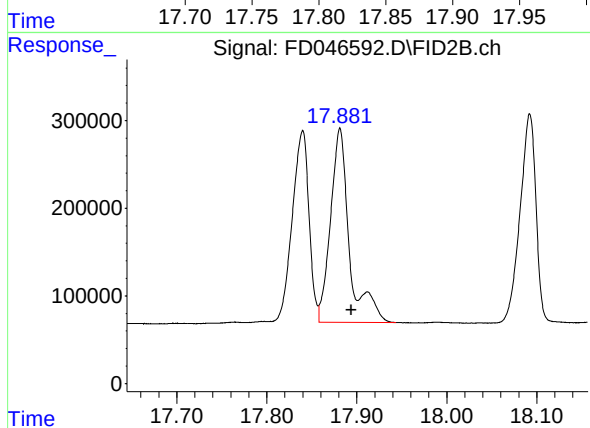
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.012 min
Response: 3018618
Conc: 22.56 ug/ml



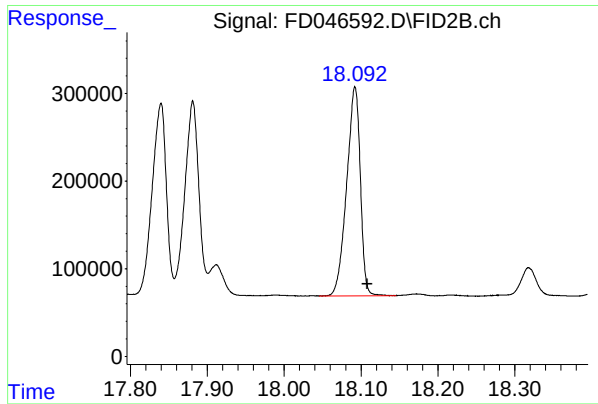
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.014 min
Response: 2802171
Conc: 22.35 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.013 min
Response: 3222778
Conc: 24.22 ug/ml m



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

R.T.: 18.092 min
Delta R.T.: -0.016 min
Response: 2938202
Conc: 22.28 ug/ml

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