

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092723AR\
 Data File : FD046595.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2023 06:41
 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 09/28/2023

Integration File: autoint1.e
 Quant Time: Sep 27 08:59:10 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	3961944	22.482 ug/ml
Spiked Amount 50.000		Recovery =	44.96%
6) S 2-Fluorobiphenyl (SURR)	8.343	2612966	22.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.11%
11) S ortho-Terphenyl (SURR)	11.380	4649149	22.820 ug/ml
Spiked Amount 50.000		Recovery =	45.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	4106986	22.236 ug/ml
2) T Naphthalene (C11.7)	5.829	4326493	22.390 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	4353426	22.465 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3945915	22.379 ug/ml
7) T Acenaphthene (C15.5)	8.441	4238069	22.556 ug/ml
8) T Fluorene (C16.55)	9.219	4120889	22.844 ug/ml
9) T Phenanthrene (C19.36)	10.608	3985139	22.665 ug/ml
10) T Anthracene (C19.43)	10.682	3468757	22.584 ug/ml
12) T Fluoranthene (C21.85)	12.411	3999910	23.468 ug/ml
13) T Pyrene (C20.8)	12.704	3801129	23.171 ug/ml
14) T Benzo[a]anthracene (C...	14.568	3265031	23.383 ug/ml
15) T Chrysene (C27.41)	14.610	3549448	23.382 ug/ml
16) T benzo[b]fluoranthene ...	16.108	3186973	23.234 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	3380845	24.406 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	3011154	22.508 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2796826	22.312 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	3221447	24.209 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.092	2930530	22.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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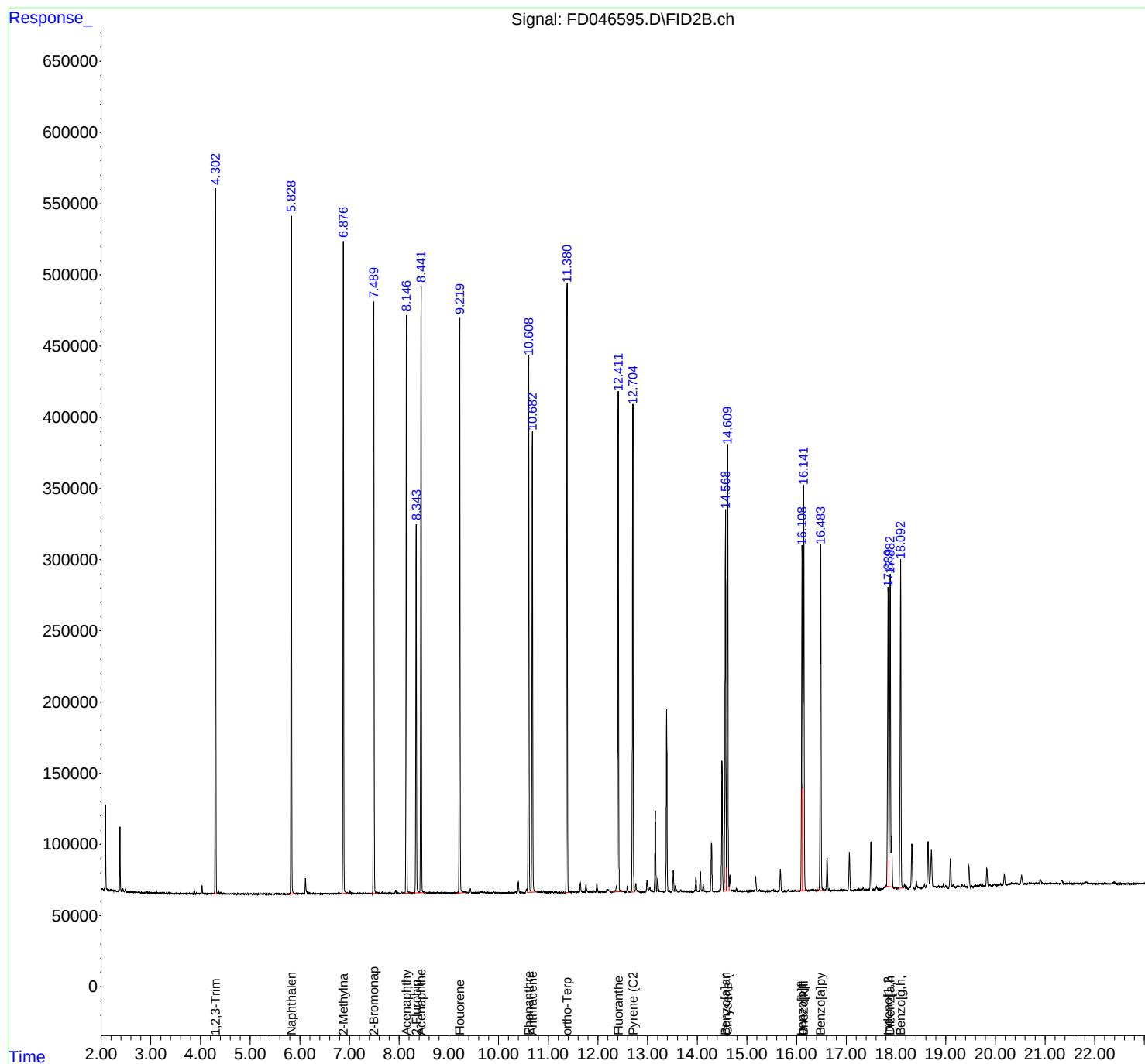
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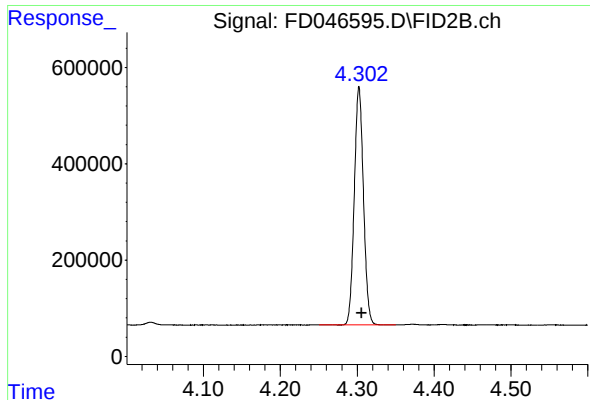
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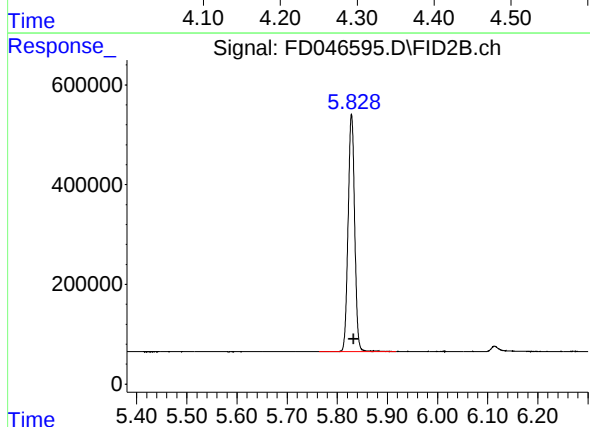
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 4106986
Conc: 22.24 ug/ml

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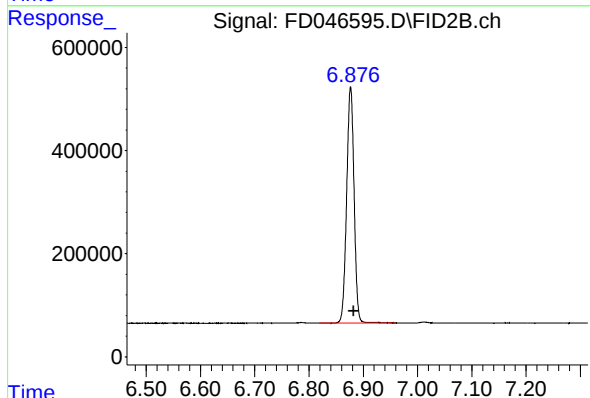
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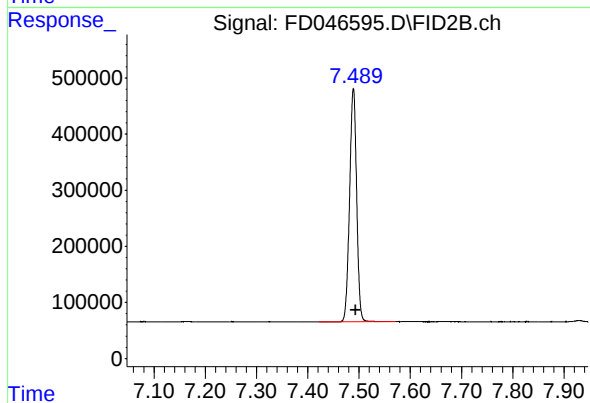
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 4326493
Conc: 22.39 ug/ml



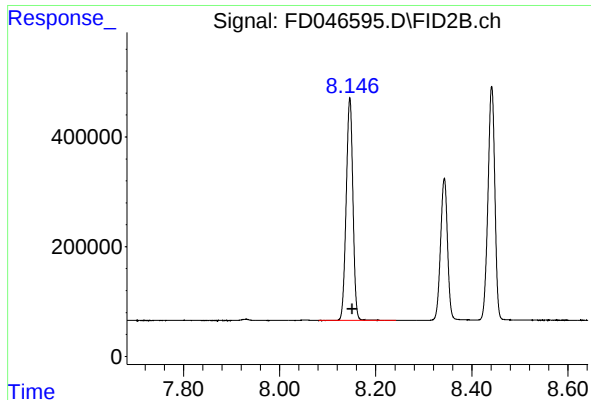
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.006 min
Response: 4353426
Conc: 22.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 3961944
Conc: 22.48 ug/ml



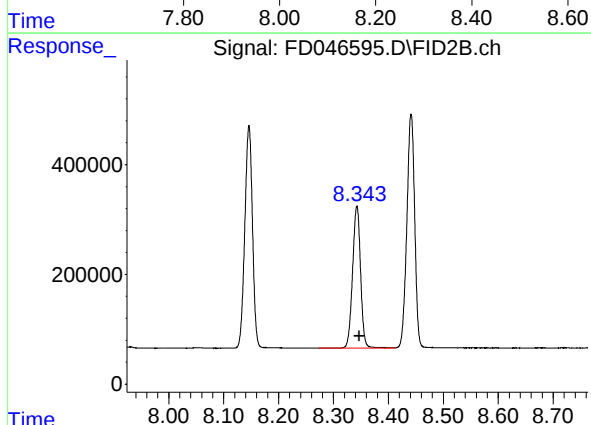
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 3945915
Conc: 22.38 ug/ml

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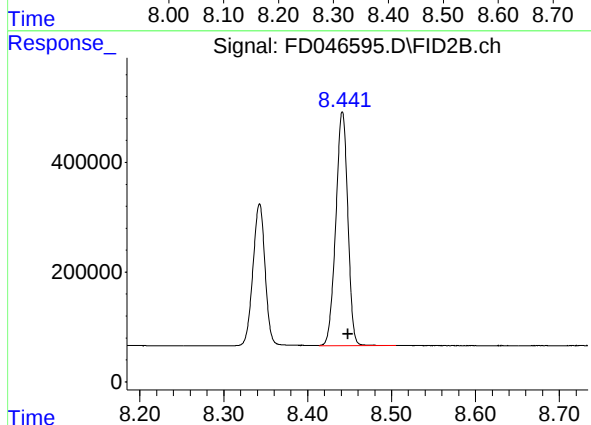
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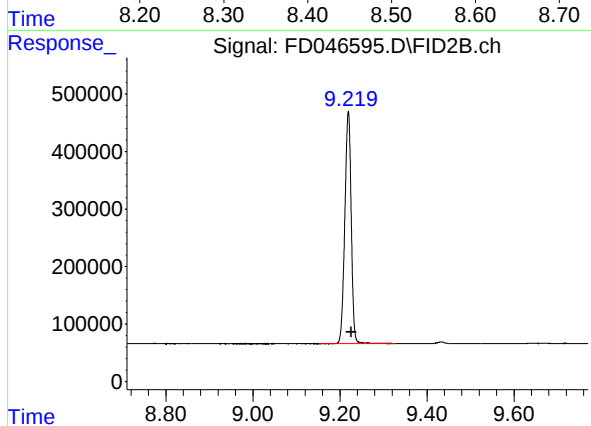
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.005 min
Response: 2612966
Conc: 22.55 ug/ml



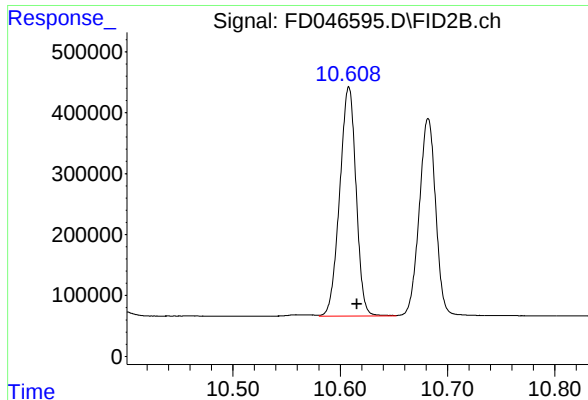
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 4238069
Conc: 22.56 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 4120889
Conc: 22.84 ug/ml



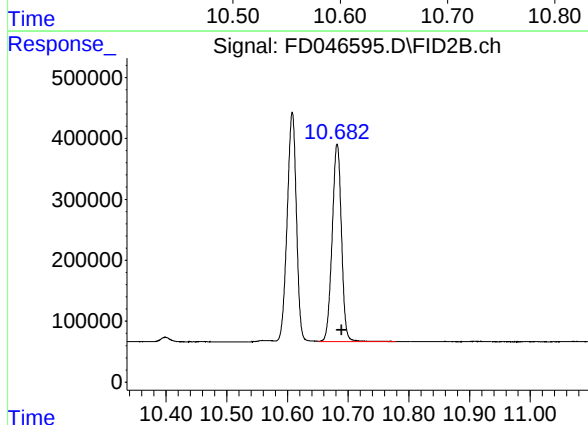
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: -0.008 min
Response: 3985139
Conc: 22.67 ug/ml

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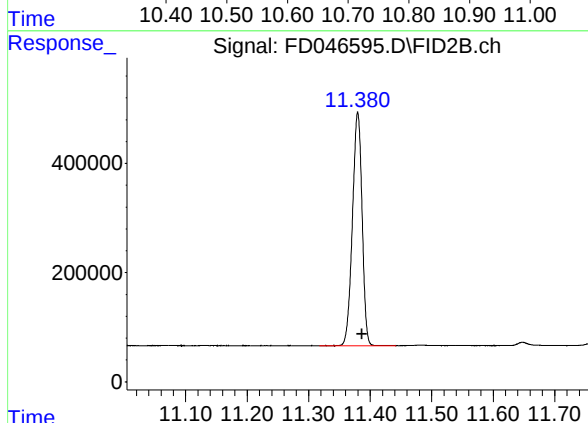
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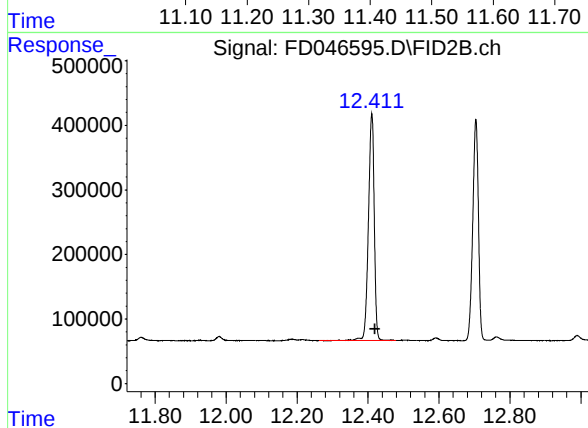
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.008 min
Response: 3468757
Conc: 22.58 ug/ml



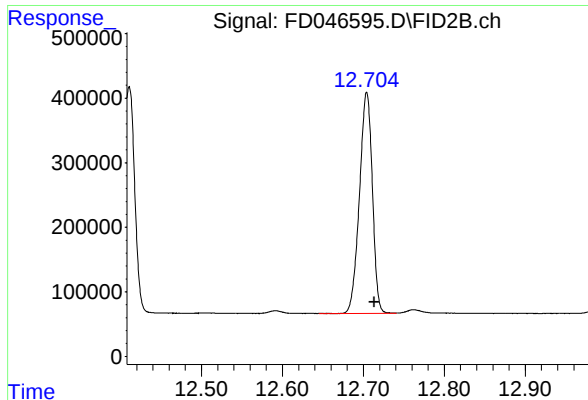
#11 ortho-Terphenyl (SURRE)

R.T.: 11.380 min
Delta R.T.: -0.007 min
Response: 4649149
Conc: 22.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.411 min
Delta R.T.: -0.009 min
Response: 3999910
Conc: 23.47 ug/ml



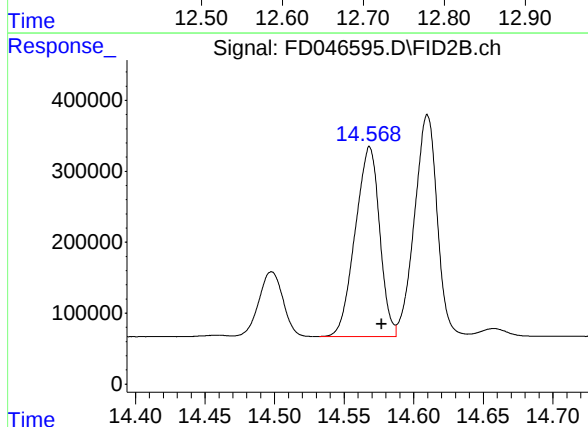
#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: -0.009 min
Response: 3801129
Conc: 23.17 ug/ml

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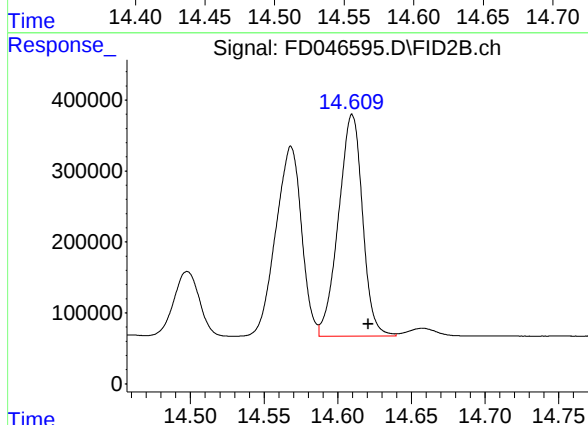
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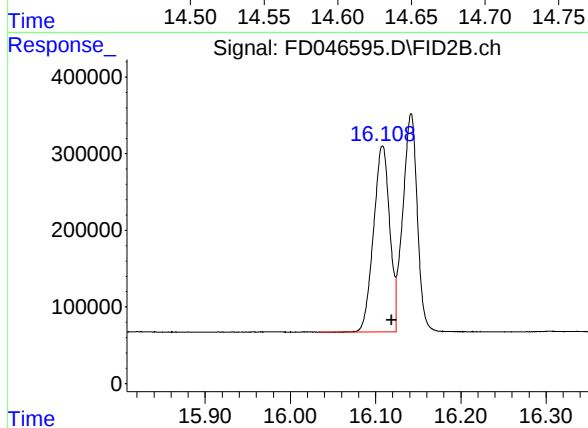
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.009 min
Response: 3265031
Conc: 23.38 ug/ml



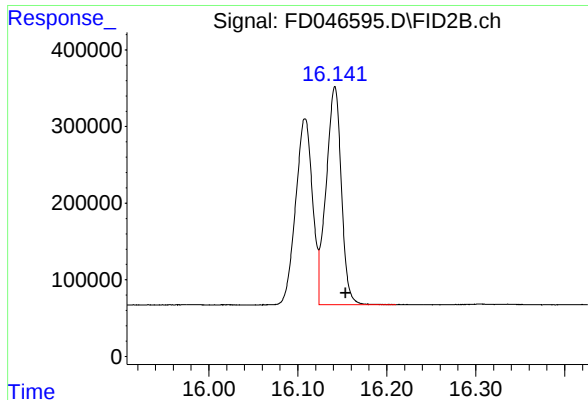
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: -0.011 min
Response: 3549448
Conc: 23.38 ug/ml



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

R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 3186973
Conc: 23.23 ug/ml



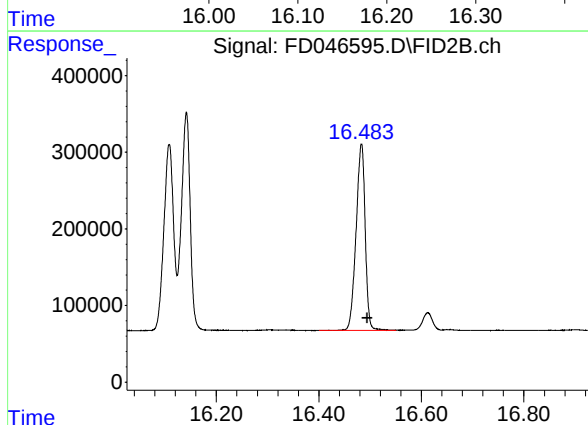
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.141 min
Delta R.T.: -0.012 min
Response: 3380845
Conc: 24.41 ug/ml

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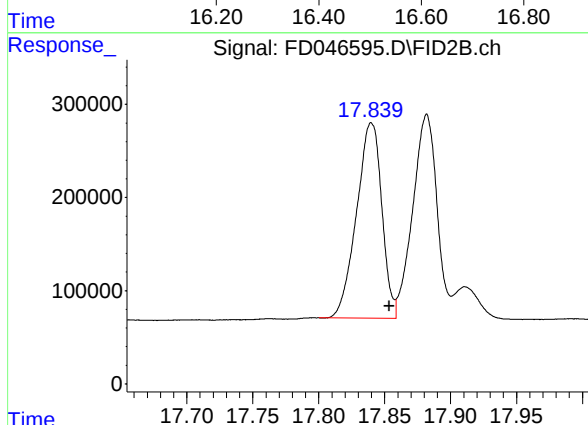
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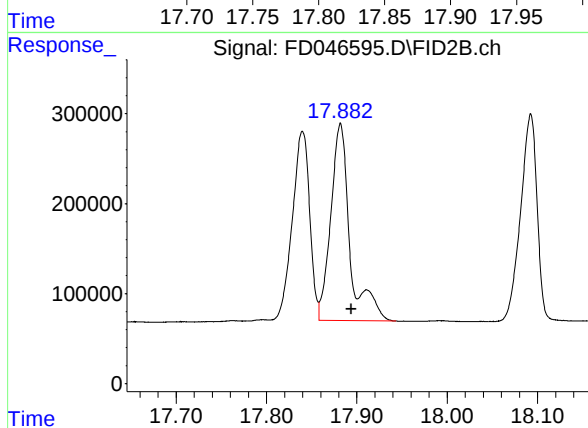
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.012 min
Response: 3011154
Conc: 22.51 ug/ml



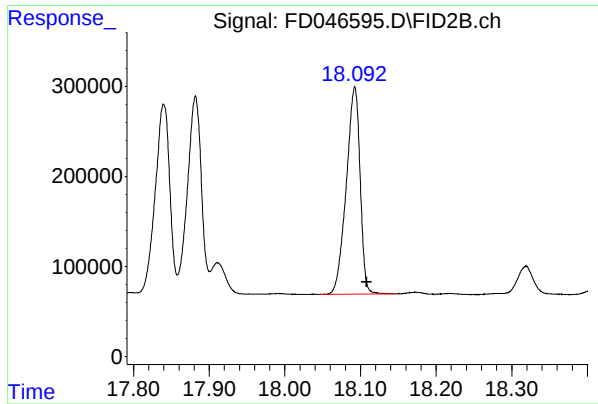
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.014 min
Response: 2796826
Conc: 22.31 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.012 min
Response: 3221447
Conc: 24.21 ug/ml m



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

R.T.: 18.092 min
Delta R.T.: -0.016 min
Response: 2930530
Conc: 22.22 ug/ml

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