

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048095.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 13:43
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:49:29 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...	7.404	3273786	22.027 ug/ml
Spiked Amount 50.000		Recovery =	44.05%
6) S 2-Fluorobiphenyl (SURR)	8.255	2136286	22.573 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.15%
11) S ortho-Terphenyl (SURR)	11.294	3664495	21.901 ug/ml
Spiked Amount 50.000		Recovery =	43.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	3668168	21.906 ug/ml
2) T Naphthalene (C11.7)	5.744	3810282	22.048 ug/ml
3) T 2-Methylnaphthalene (...)	6.791	3808947	21.957 ug/ml
5) T Acenaphthylene (C15.06)	8.058	3705928	21.625 ug/ml
7) T Acenaphthene (C15.5)	8.353	3769358	21.728 ug/ml
8) T Flouorene (C16.55)	9.131	3626173	22.326 ug/ml
9) T Phenanthrene (C19.36)	10.520	3524741	22.194 ug/ml
10) T Anthracene (C19.43)	10.594	2873137	18.196 ug/ml
12) T Fluoranthene (C21.85)	12.325	3568527	22.538 ug/ml
13) T Pyrene (C20.8)	12.618	3523357	22.282 ug/ml
14) T Benzo[a]anthracene (C...	14.487	3192369	23.383 ug/ml
15) T Chrysene (C27.41)	14.528	3478832	21.580 ug/ml
16) T benzo[b]fluoranthene ...	16.032	3335576	23.174 ug/ml
17) T Bnezo[k]fluoranthene ...	16.064	3239221	21.688 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.408	3263684	23.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	2897688	25.692 ug/mlm
20) T Dibenz[a,h]anthracene...	17.811	3463543	23.831 ug/ml
21) T Benzo[g,h,i]perylene ...	18.023	3301647	22.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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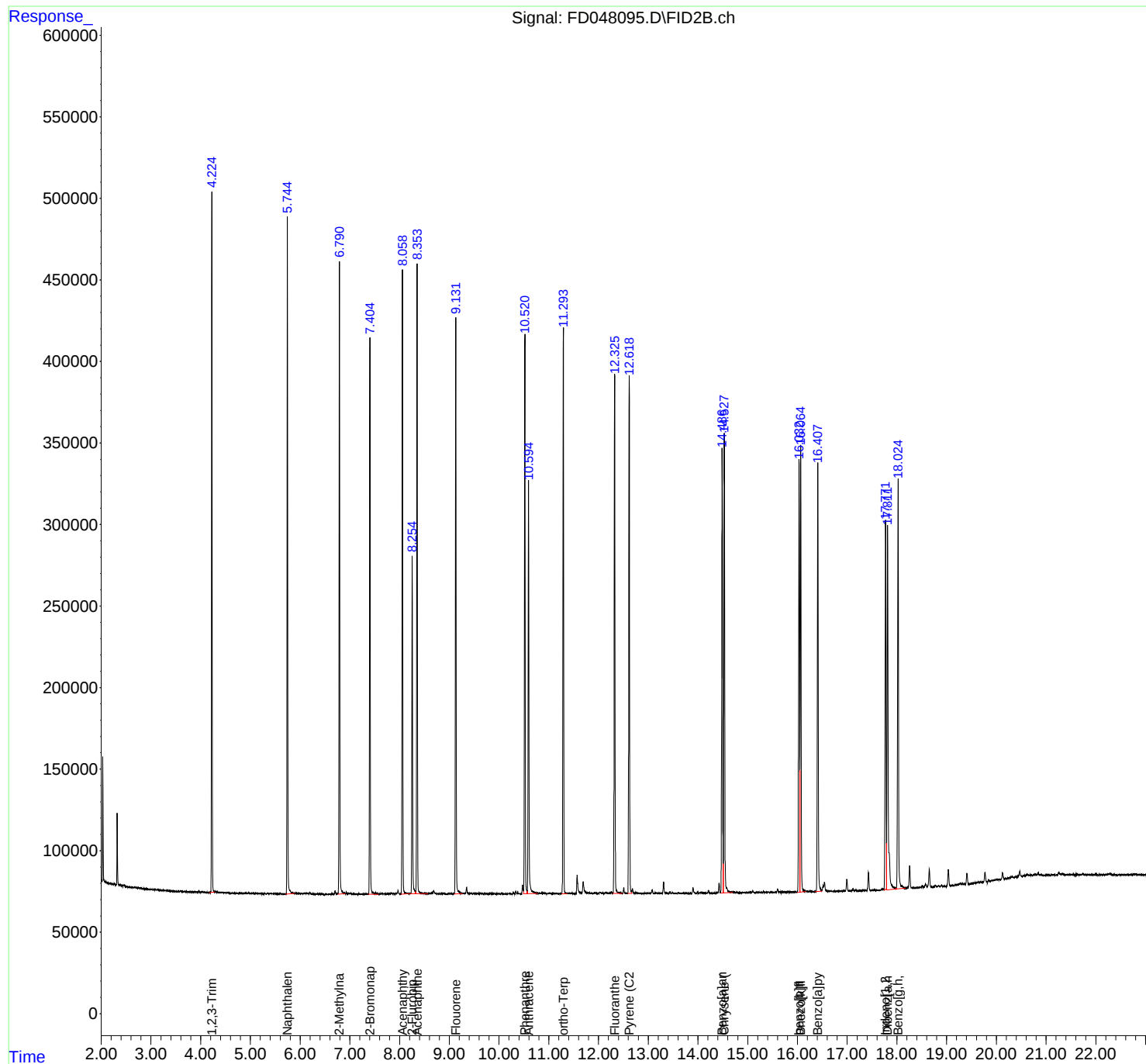
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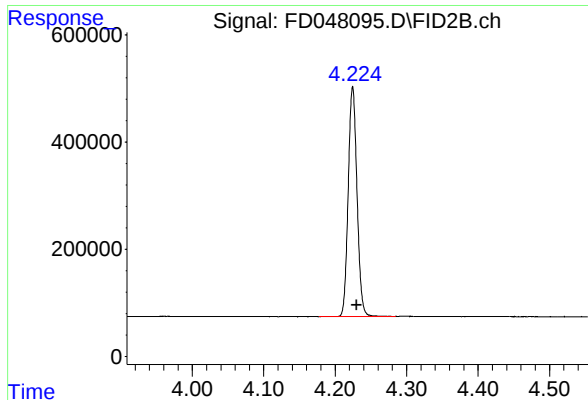
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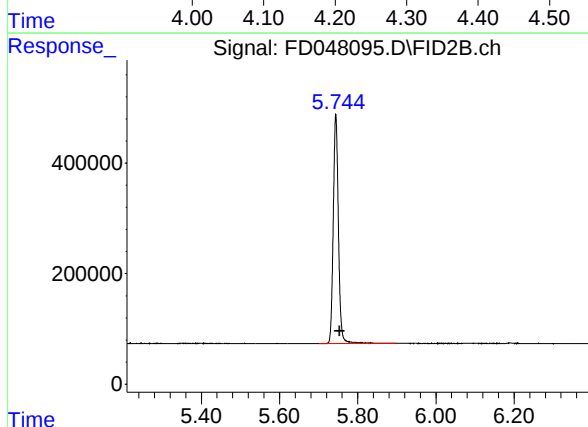
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 3668168
Conc: 21.91 ug/ml

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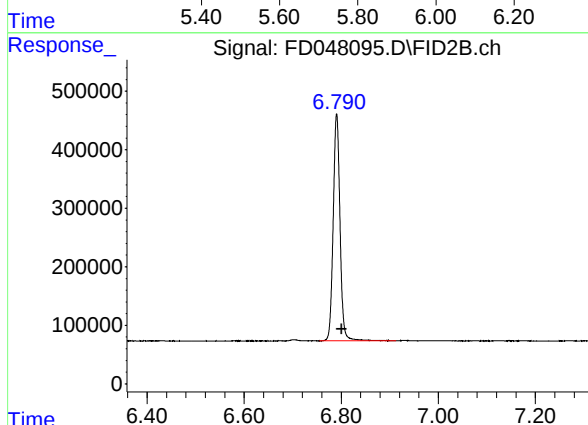
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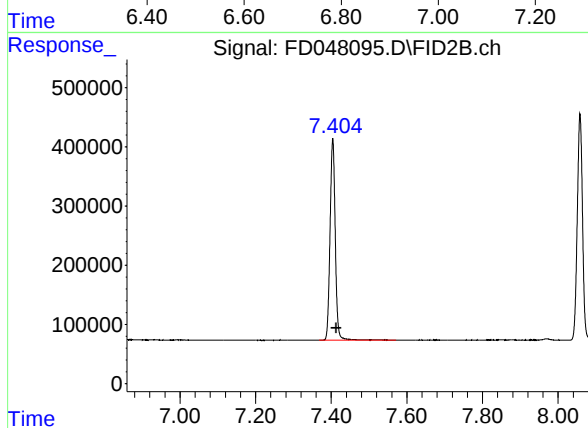
#2 Naphthalene (C11.7)

R.T.: 5.744 min
Delta R.T.: -0.009 min
Response: 3810282
Conc: 22.05 ug/ml



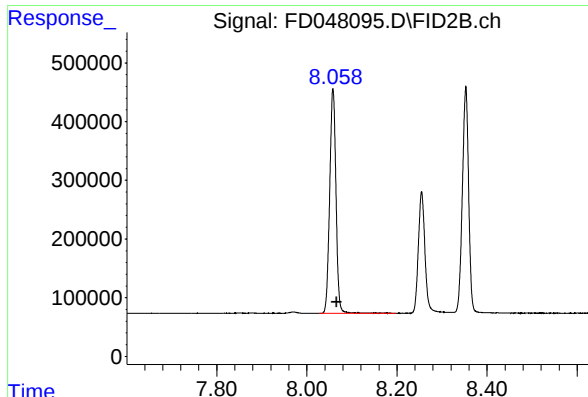
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.791 min
Delta R.T.: -0.010 min
Response: 3808947
Conc: 21.96 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.404 min
Delta R.T.: -0.009 min
Response: 3273786
Conc: 22.03 ug/ml



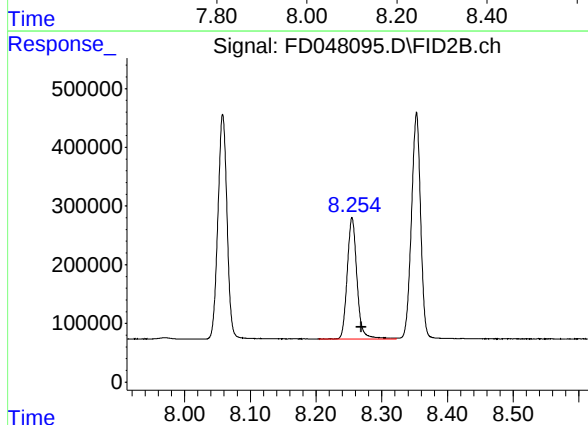
#5 Acenaphthylene (C15.06)

R.T.: 8.058 min
Delta R.T.: -0.008 min
Response: 3705928
Conc: 21.63 ug/ml

Instrument :
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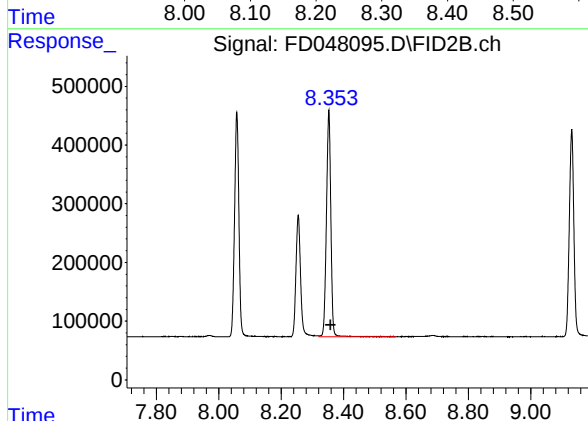
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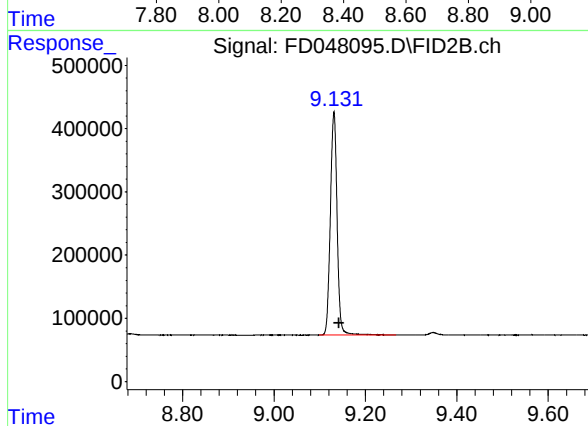
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.255 min
Delta R.T.: -0.014 min
Response: 2136286
Conc: 22.57 ug/ml



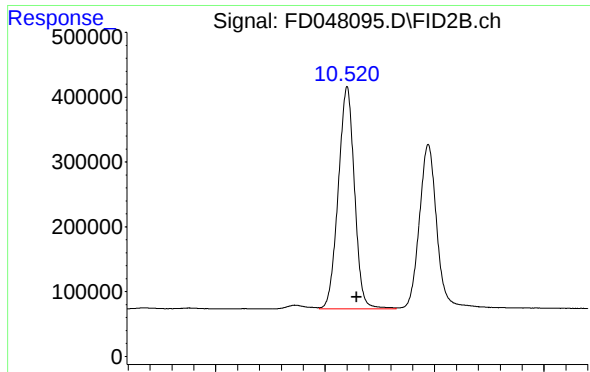
#7 Acenaphthene (C15.5)

R.T.: 8.353 min
Delta R.T.: -0.006 min
Response: 3769358
Conc: 21.73 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.131 min
Delta R.T.: -0.011 min
Response: 3626173
Conc: 22.33 ug/ml



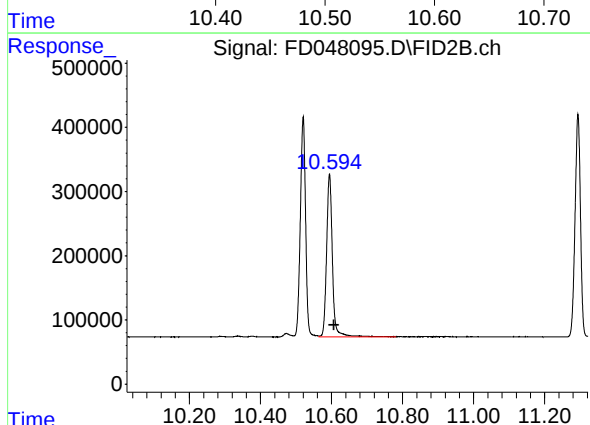
#9 Phenanthrene (C19.36)

R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 3524741
Conc: 22.19 ug/ml

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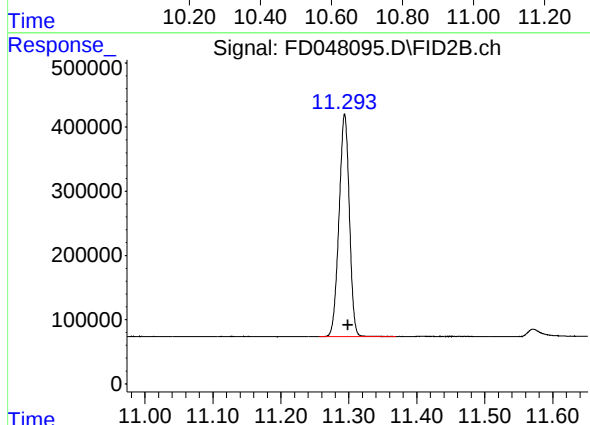
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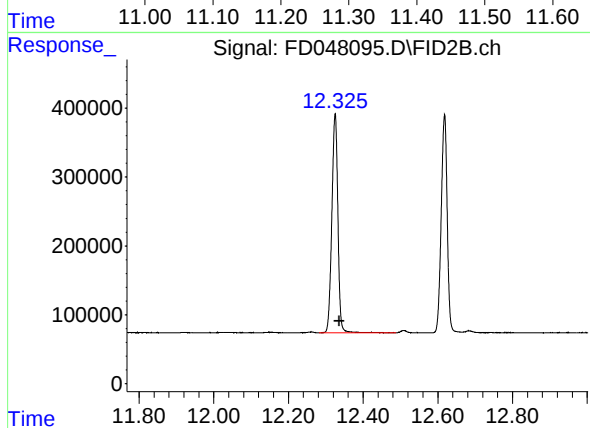
#10 Anthracene (C19.43)

R.T.: 10.594 min
Delta R.T.: -0.013 min
Response: 2873137
Conc: 18.20 ug/ml



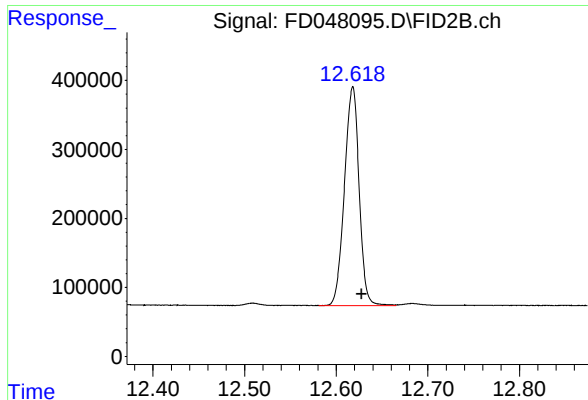
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.005 min
Response: 3664495
Conc: 21.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.325 min
Delta R.T.: -0.011 min
Response: 3568527
Conc: 22.54 ug/ml



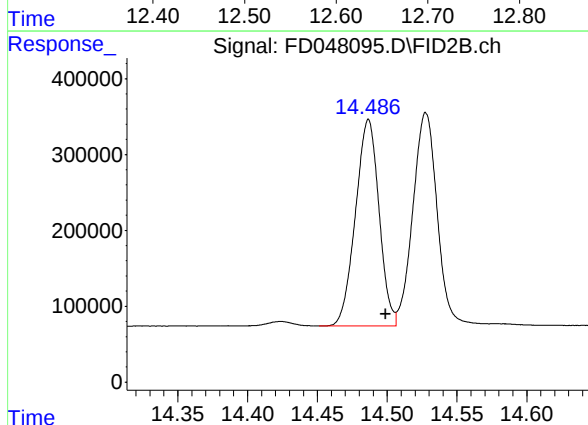
#13 Pyrene (C20.8)

R.T.: 12.618 min
Delta R.T.: -0.010 min
Response: 3523357
Conc: 22.28 ug/ml

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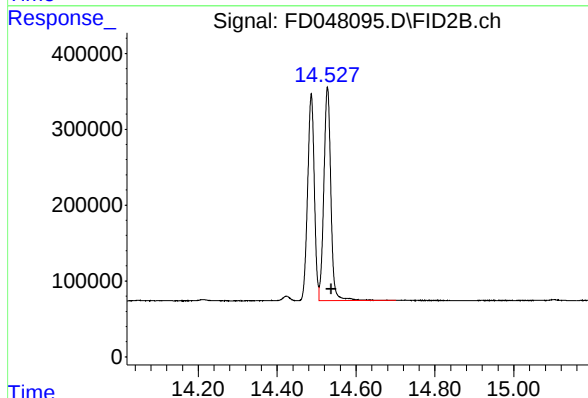
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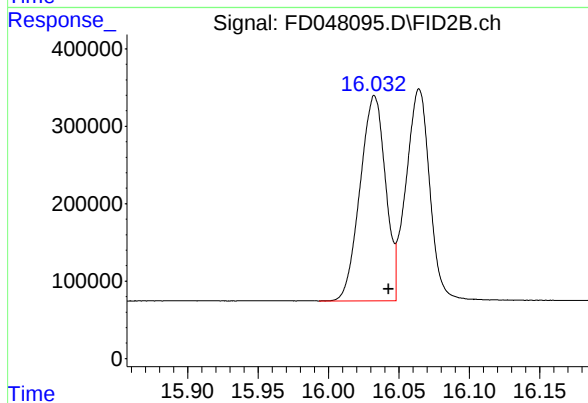
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.487 min
Delta R.T.: -0.012 min
Response: 3192369
Conc: 23.38 ug/ml



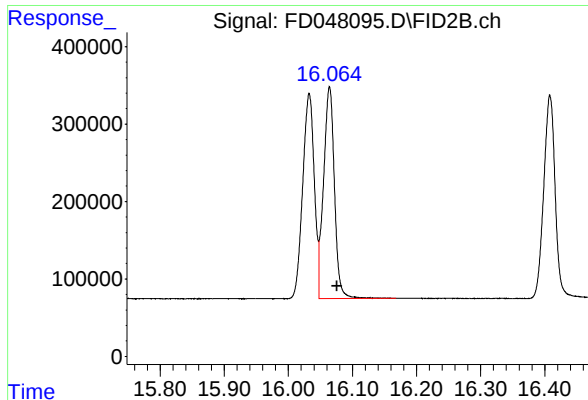
#15 Chrysene (C27.41)

R.T.: 14.528 min
Delta R.T.: -0.010 min
Response: 3478832
Conc: 21.58 ug/ml



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

R.T.: 16.032 min
Delta R.T.: -0.010 min
Response: 3335576
Conc: 23.17 ug/ml



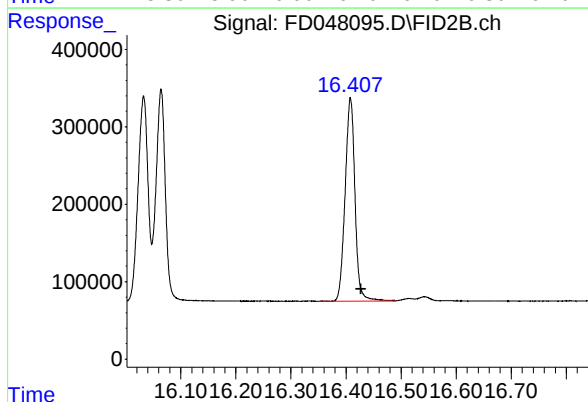
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.064 min
Delta R.T.: -0.012 min
Response: 3239221
Conc: 21.69 ug/ml

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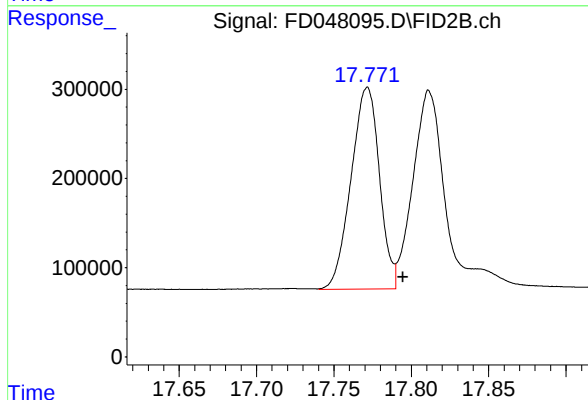
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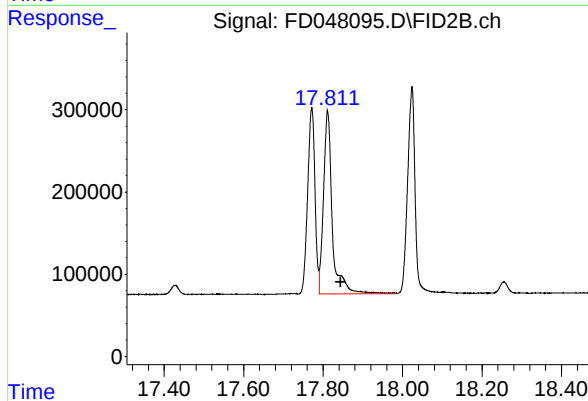
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.408 min
Delta R.T.: -0.019 min
Response: 3263684
Conc: 23.04 ug/ml



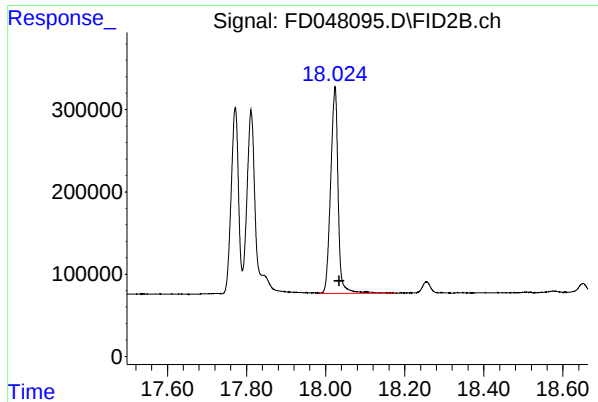
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min
Delta R.T.: -0.023 min
Response: 2897688
Conc: 25.69 ug/ml m



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

R.T.: 17.811 min
Delta R.T.: -0.032 min
Response: 3463543
Conc: 23.83 ug/ml



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

R.T.: 18.023 min
Delta R.T.: -0.011 min
Response: 3301647
Conc: 22.40 ug/ml

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