

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112524AR\
 Data File : FD048812.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2024 12:26
 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 11/26/2024
 Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e
 Quant Time: Nov 26 00:57:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.363	3502141	19.892 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
6) S 2-Fluorobiphenyl (SURR)	8.213	2300346	19.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.95%
11) S ortho-Terphenyl (SURR)	11.249	3942057	20.496 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	3950752	20.963 ug/ml
2) T Naphthalene (C11.7)	5.704	4097193	20.950 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	4114926	21.532 ug/ml
5) T Acenaphthylene (C15.06)	8.016	3988838	20.569 ug/ml
7) T Acenaphthene (C15.5)	8.310	4067293	21.146 ug/ml
8) T Fluorene (C16.55)	9.089	3923691	20.452 ug/ml
9) T Phenanthrene (C19.36)	10.476	3805678	20.762 ug/ml
10) T Anthracene (C19.43)	10.551	3213339	17.159 ug/ml
12) T Fluoranthene (C21.85)	12.280	3803755	20.772 ug/ml
13) T Pyrene (C20.8)	12.573	3663338	20.263 ug/ml
14) T Benzo[a]anthracene (C...	14.442	3278730	19.931 ug/ml
15) T Chrysene (C27.41)	14.484	3590033	20.513 ug/ml
16) T benzo[b]fluoranthene ...	15.989	3147383	20.032 ug/ml
17) T Bnezo[k]fluoranthene ...	16.021	3343773	20.489 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	3007405	20.171 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.730	2442968	19.776 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	3324291	21.199 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2715664	19.032 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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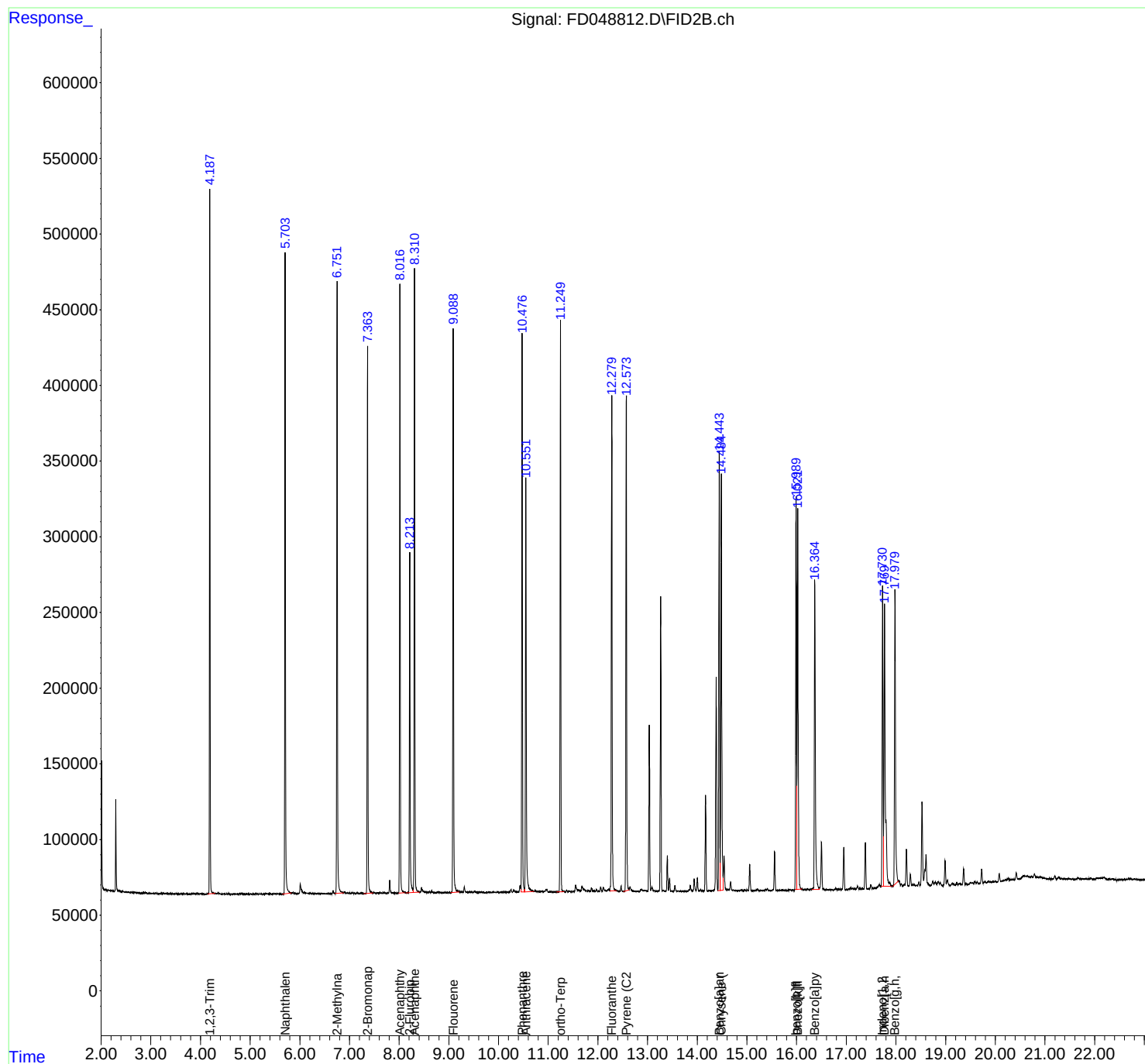
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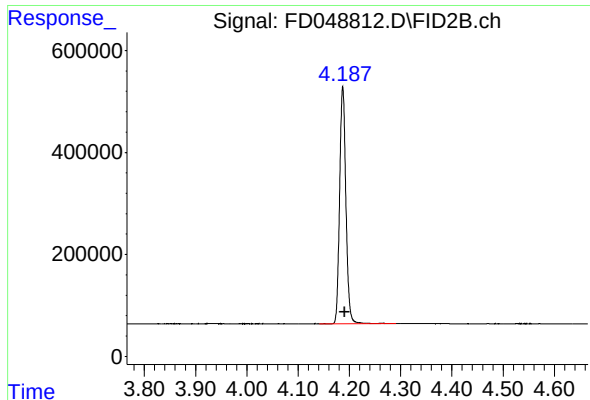
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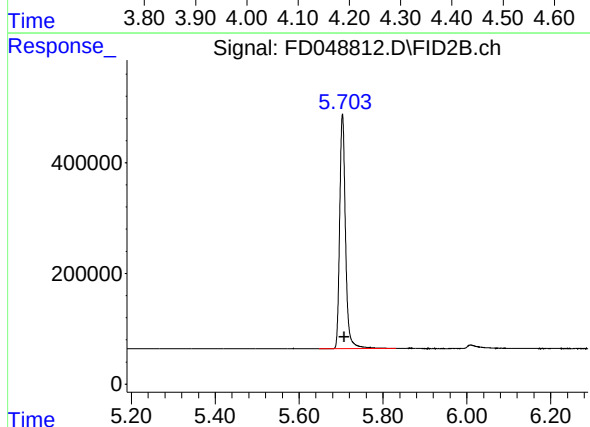
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 3950752
Conc: 20.96 ug/ml

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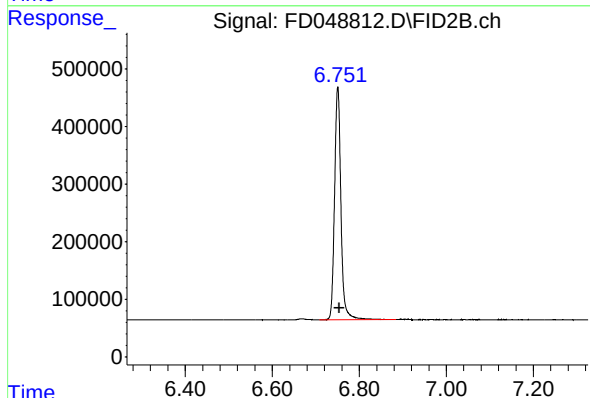
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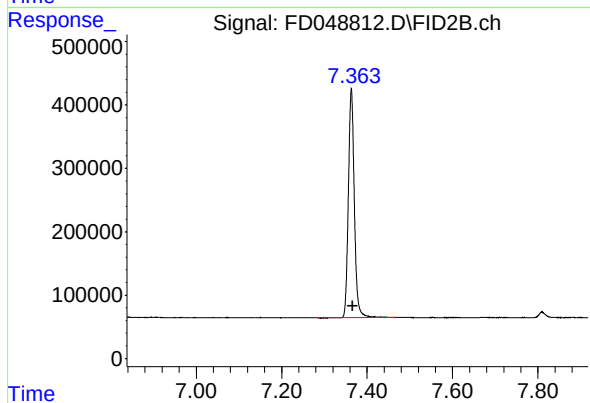
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 4097193
Conc: 20.95 ug/ml



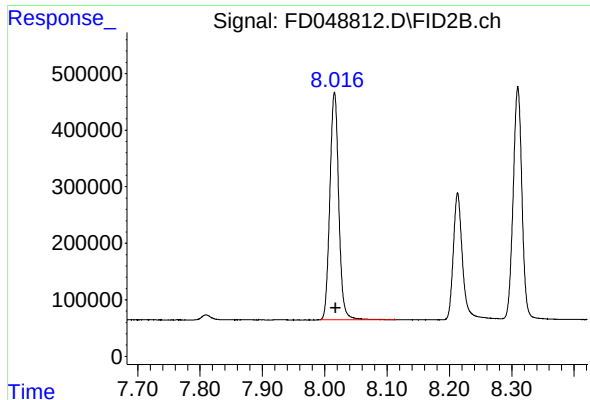
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 4114926
Conc: 21.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.363 min
Delta R.T.: -0.003 min
Response: 3502141
Conc: 19.89 ug/ml



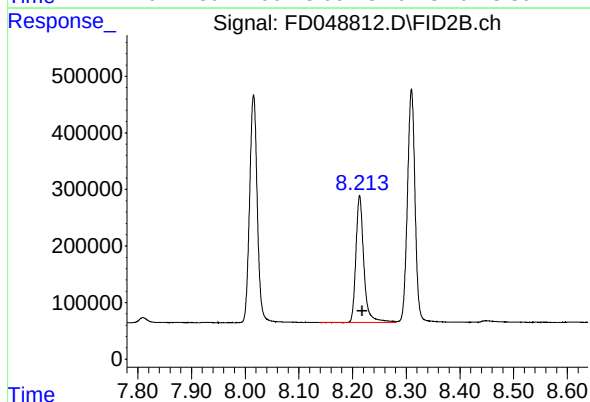
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 3988838
Conc: 20.57 ug/ml

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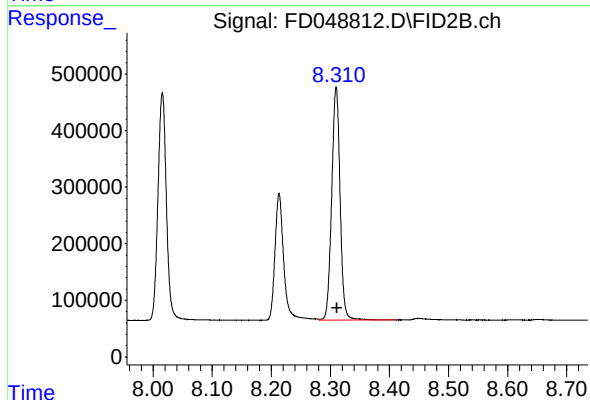
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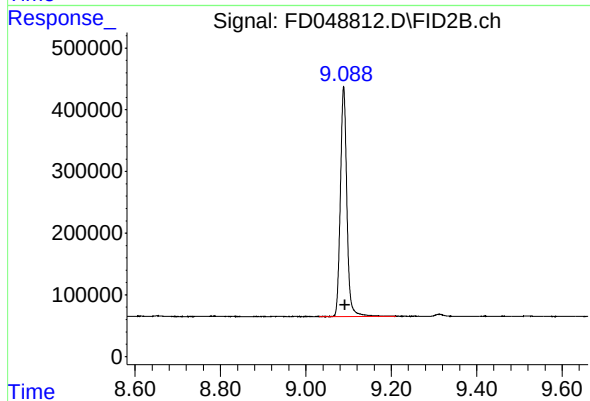
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.005 min
Response: 2300346
Conc: 19.97 ug/ml



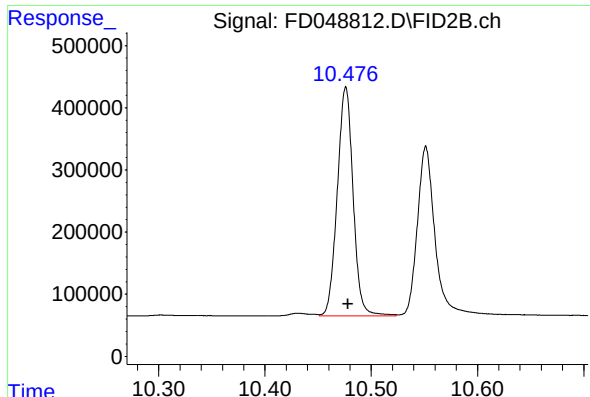
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: -0.001 min
Response: 4067293
Conc: 21.15 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.089 min
Delta R.T.: -0.003 min
Response: 3923691
Conc: 20.45 ug/ml



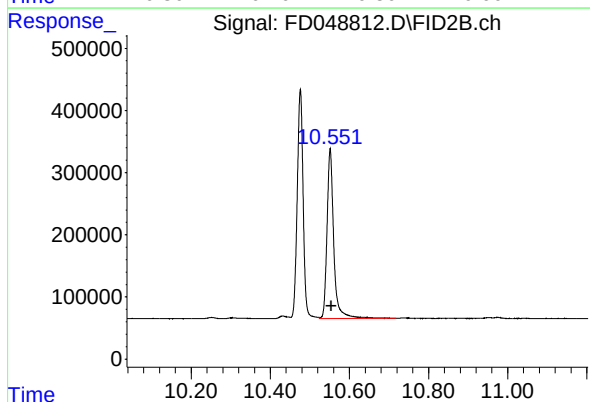
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: -0.002 min
Response: 3805678
Conc: 20.76 ug/ml

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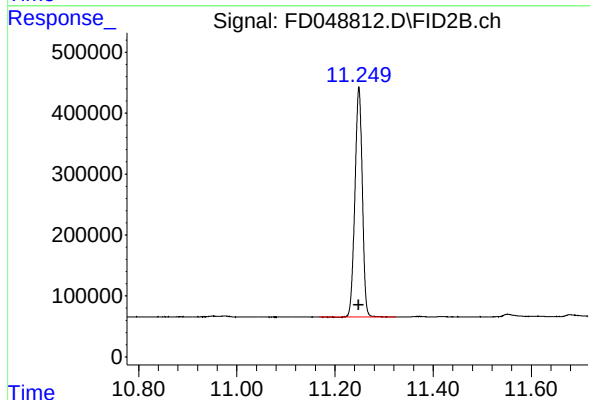
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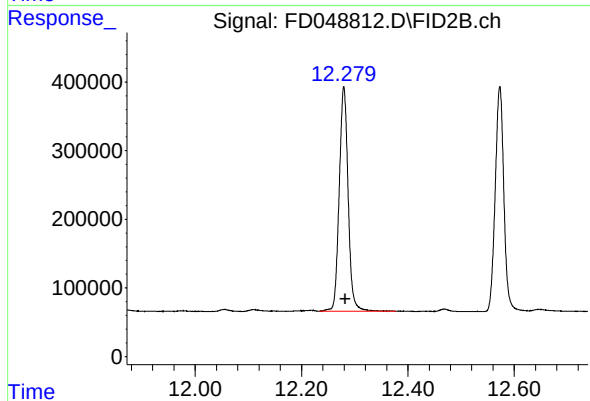
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: -0.003 min
Response: 3213339
Conc: 17.16 ug/ml



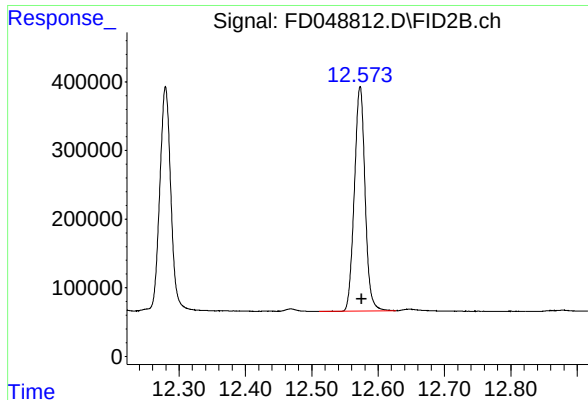
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 3942057
Conc: 20.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.280 min
Delta R.T.: -0.003 min
Response: 3803755
Conc: 20.77 ug/ml



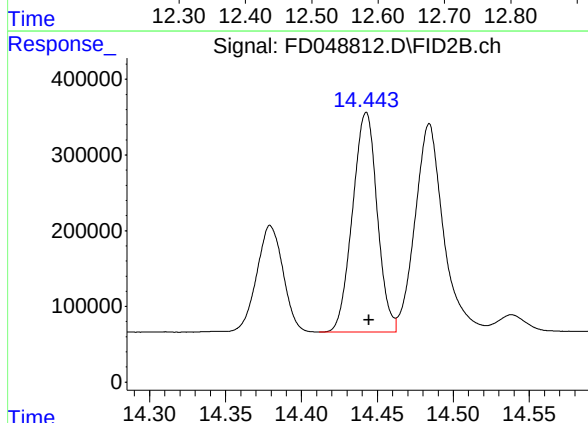
#13 Pyrene (C20.8)

R.T.: 12.573 min
Delta R.T.: -0.003 min
Response: 3663338
Conc: 20.26 ug/ml

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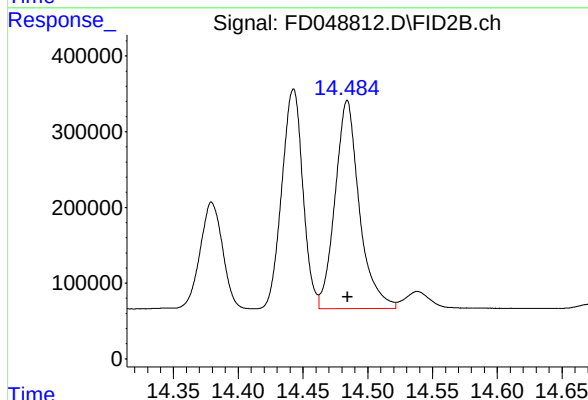
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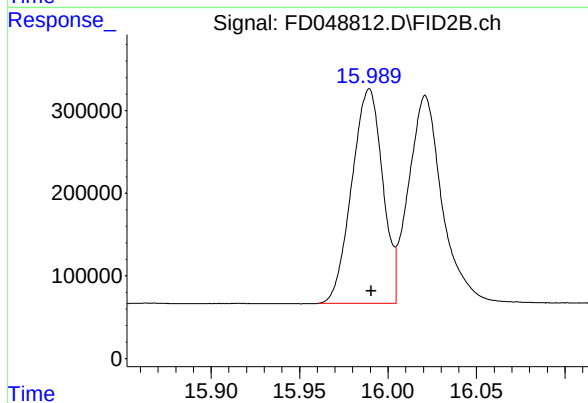
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.442 min
Delta R.T.: -0.002 min
Response: 3278730
Conc: 19.93 ug/ml



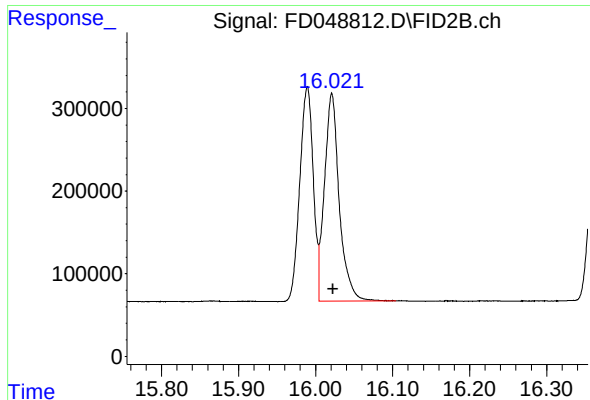
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: 0.000 min
Response: 3590033
Conc: 20.51 ug/ml



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

R.T.: 15.989 min
Delta R.T.: -0.001 min
Response: 3147383
Conc: 20.03 ug/ml



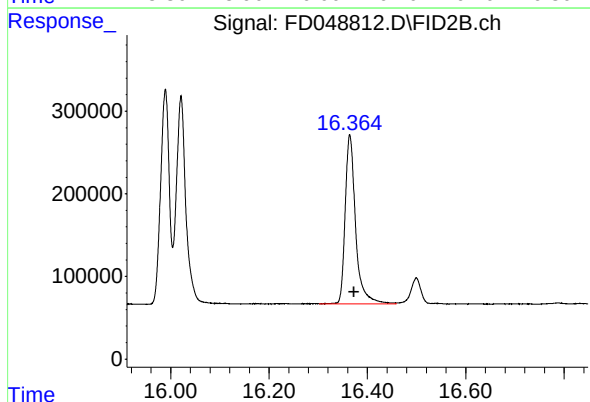
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.021 min
Delta R.T.: -0.001 min
Response: 3343773
Conc: 20.49 ug/ml

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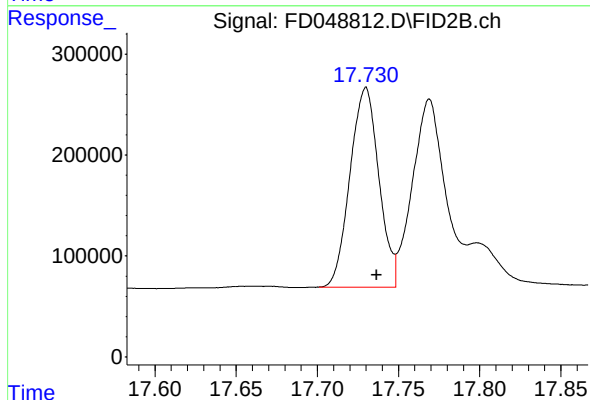
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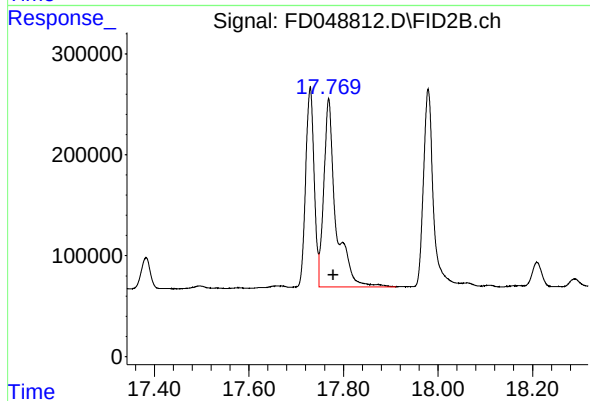
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.009 min
Response: 3007405
Conc: 20.17 ug/ml m



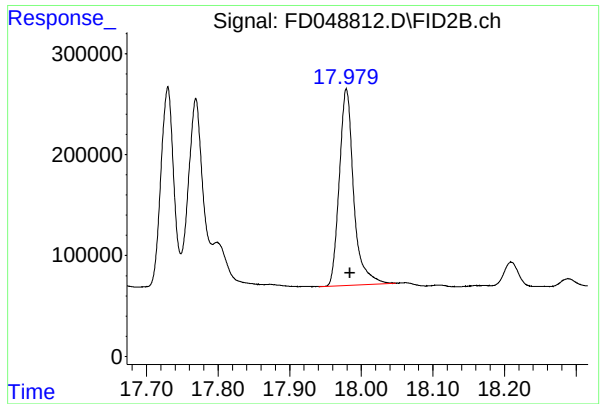
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.007 min
Response: 2442968
Conc: 19.78 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.010 min
Response: 3324291
Conc: 21.20 ug/ml



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

R.T.: 17.979 min
Delta R.T.: -0.005 min
Response: 2715664
Conc: 19.03 ug/ml

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