

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
 Data File : FG017134.D
 Signal(s) : FID1A.ch
 Acq On : 08 Dec 2025 18:49
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File: autoint1.e
 Quant Time: Dec 09 01:36:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 2025
 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...	8.065	1668065	17.917 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
6) S 2-Fluorobiphenyl (SURR)	8.950	971205	17.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.53%
11) S ortho-Terphenyl (SURR)	12.023	2360752	16.583 ug/ml
Spiked Amount 50.000		Recovery =	33.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.650	2286467	17.295 ug/ml
2) T Naphthalene (C11.7)	6.332	2146187	17.546 ug/ml
3) T 2-Methylnaphthalene (...)	7.435	1986344	17.544 ug/ml
5) T Acenaphthylene (C15.06)	8.744	2096405	17.474 ug/ml
7) T Acenaphthene (C15.5)	9.044	2249444	16.874 ug/ml
8) T Flouorene (C16.55)	9.840	2022028	17.199 ug/ml
9) T Phenanthrene (C19.36)	11.256	1974272	17.262 ug/ml
10) T Anthracene (C19.43)	11.333	2098962	17.275 ug/ml
12) T Fluoranthene (C21.85)	13.089	2076193	16.436 ug/ml
13) T Pyrene (C20.8)	13.389	2113799	16.418 ug/ml
14) T Benzo[a]anthracene (C...	15.285	1622630	17.910 ug/ml
15) T Chrysene (C27.41)	15.326	2246026	15.840 ug/ml
16) T benzo[b]fluoranthene ...	16.852	1815870	18.417 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.885	2207262	16.840 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.240	2016931	20.313 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.624	1388859	15.691 ug/mlm
20) T Dibenz[a,h]anthracene...	18.662	2643625	19.809 ug/ml
21) T Benzo[g,h,i]perylene ...	18.877	2216408	19.223 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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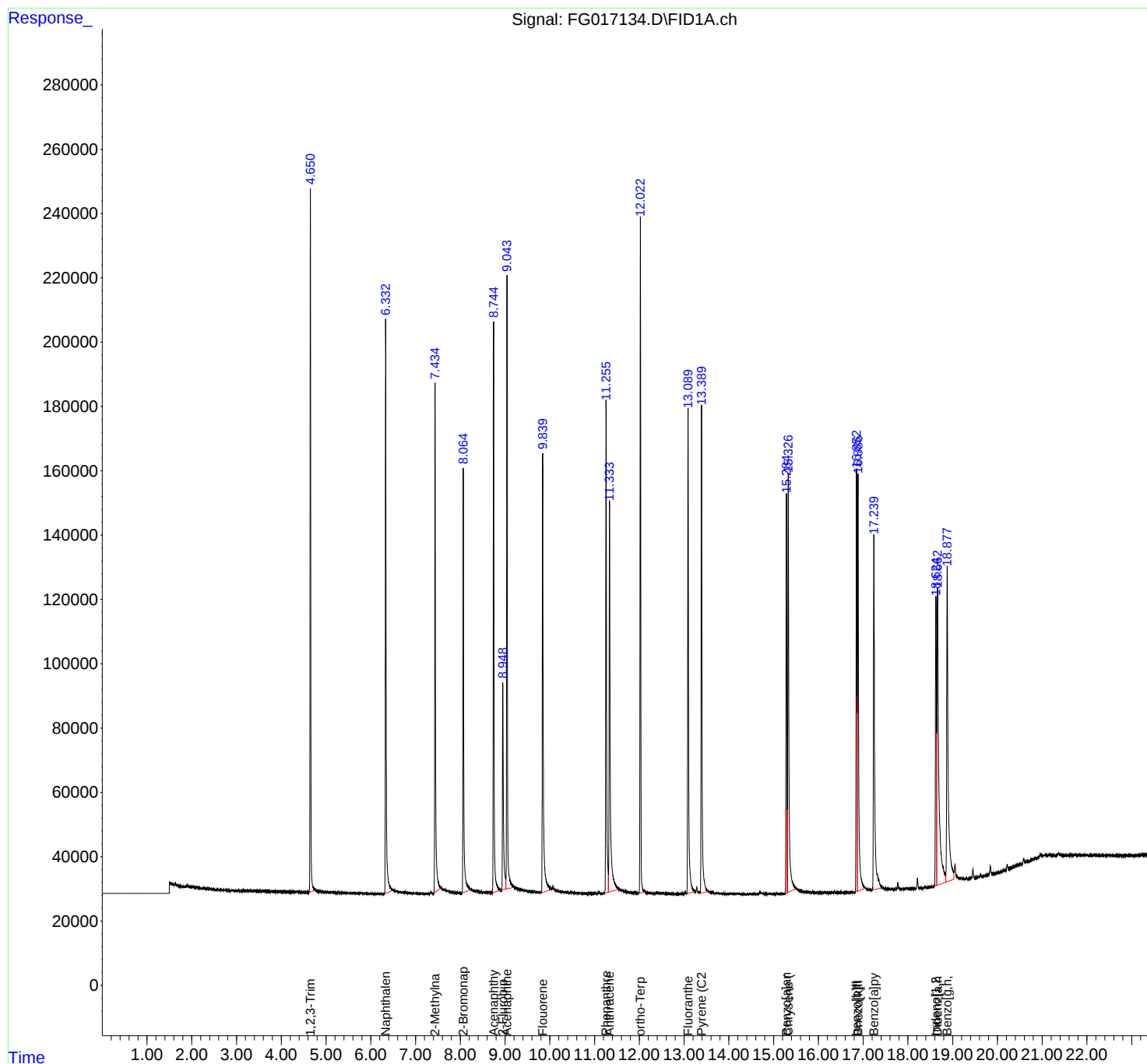
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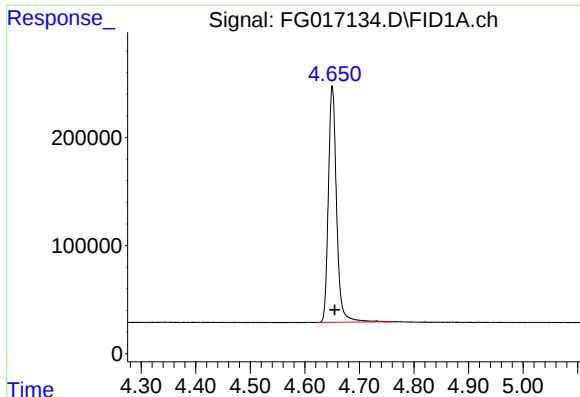
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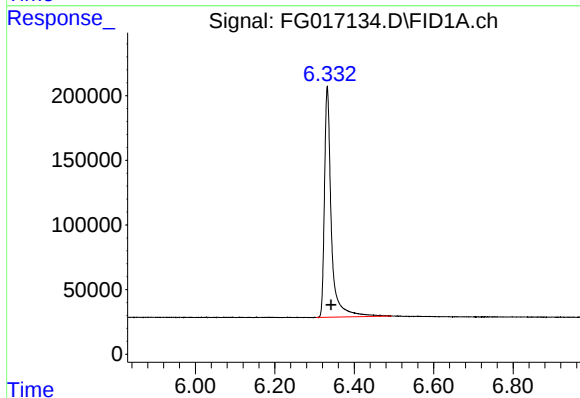
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 2286467
Conc: 17.29 ug/ml

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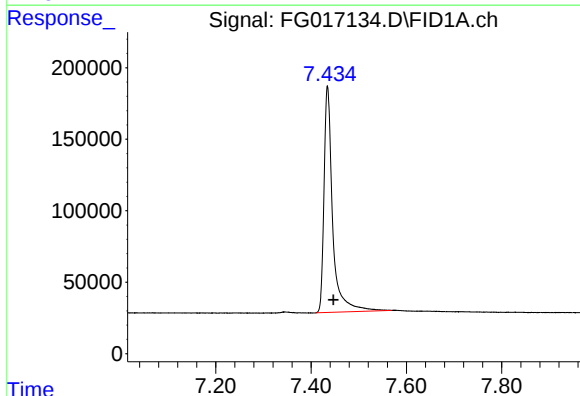
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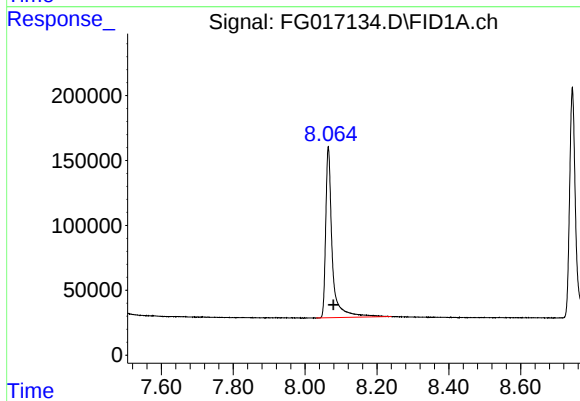
#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: -0.009 min
Response: 2146187
Conc: 17.55 ug/ml



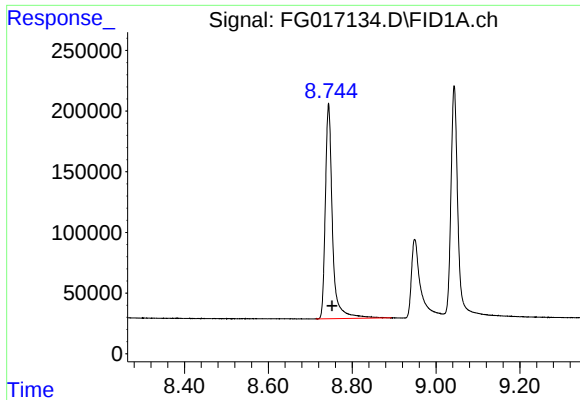
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.435 min
Delta R.T.: -0.013 min
Response: 1986344
Conc: 17.54 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.065 min
Delta R.T.: -0.014 min
Response: 1668065
Conc: 17.92 ug/ml



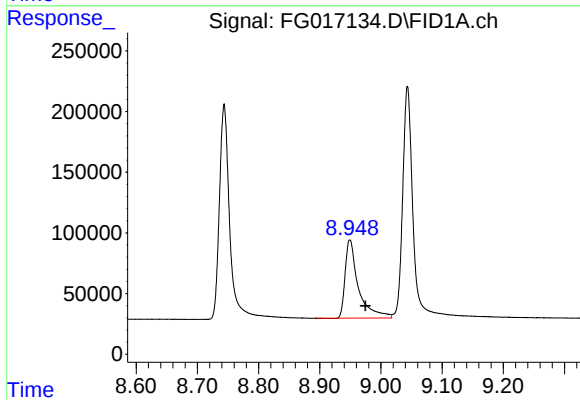
#5 Acenaphthylene (C15.06)

R.T.: 8.744 min
Delta R.T.: -0.008 min
Response: 2096405
Conc: 17.47 ug/ml

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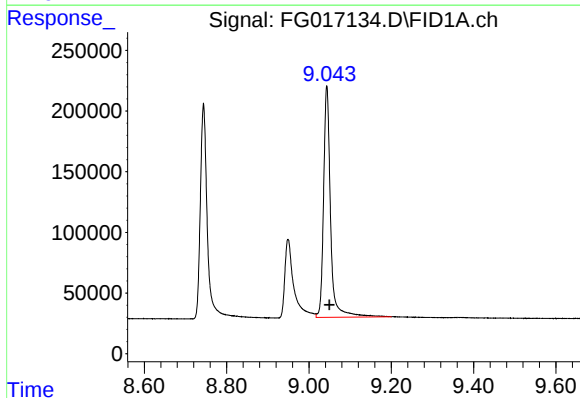
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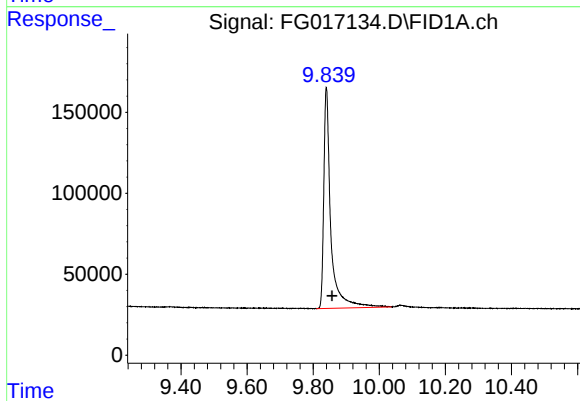
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.025 min
Response: 971205
Conc: 17.27 ug/ml



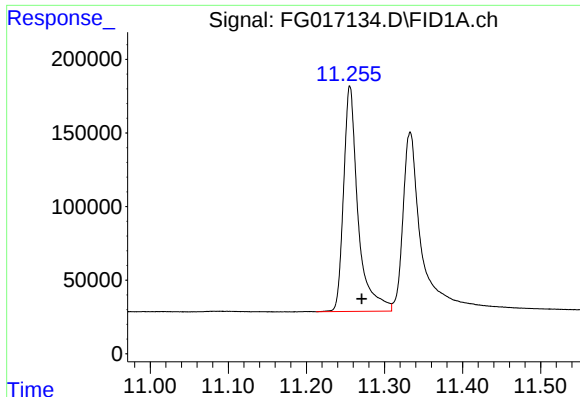
#7 Acenaphthene (C15.5)

R.T.: 9.044 min
Delta R.T.: -0.006 min
Response: 2249444
Conc: 16.87 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.840 min
Delta R.T.: -0.017 min
Response: 2022028
Conc: 17.20 ug/ml



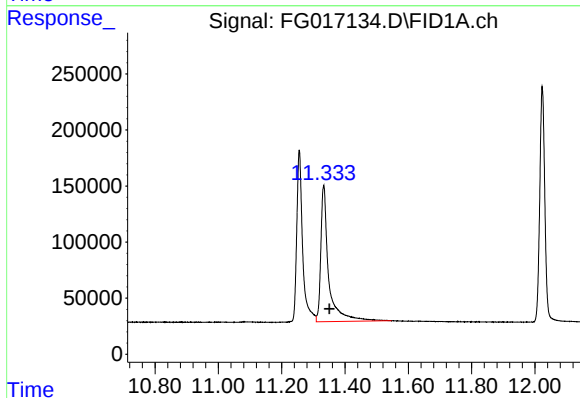
#9 Phenanthrene (C19.36)

R.T.: 11.256 min
Delta R.T.: -0.015 min
Response: 1974272
Conc: 17.26 ug/ml

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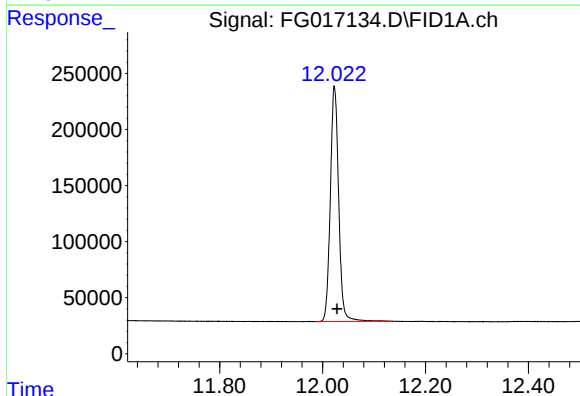
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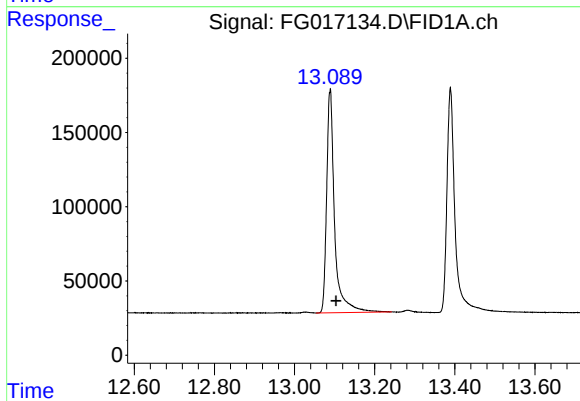
#10 Anthracene (C19.43)

R.T.: 11.333 min
Delta R.T.: -0.018 min
Response: 2098962
Conc: 17.28 ug/ml



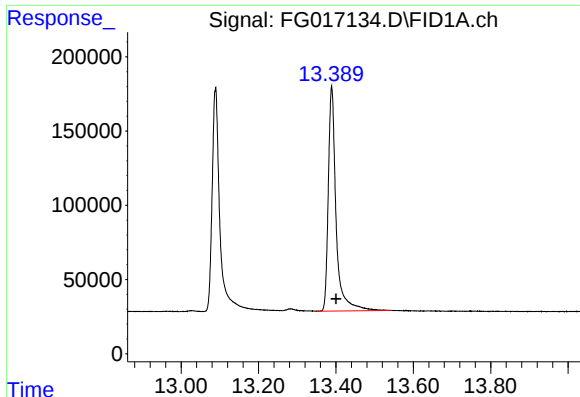
#11 ortho-Terphenyl (SURR)

R.T.: 12.023 min
Delta R.T.: -0.005 min
Response: 2360752
Conc: 16.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.089 min
Delta R.T.: -0.014 min
Response: 2076193
Conc: 16.44 ug/ml



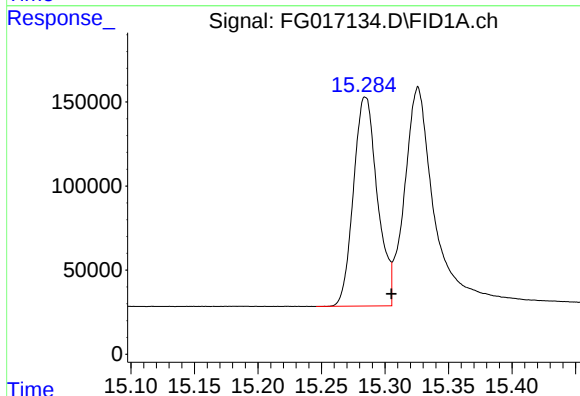
#13 Pyrene (C20.8)

R.T.: 13.389 min
Delta R.T.: -0.011 min
Response: 2113799
Conc: 16.42 ug/ml

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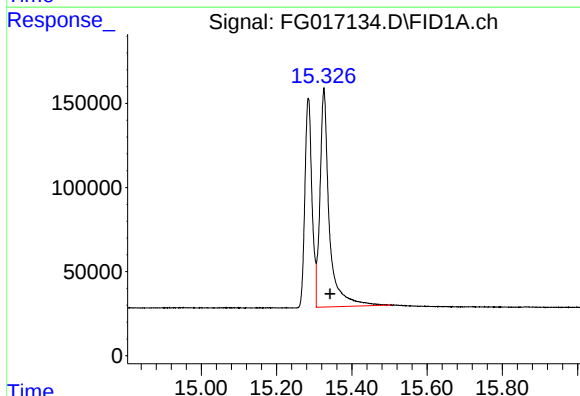
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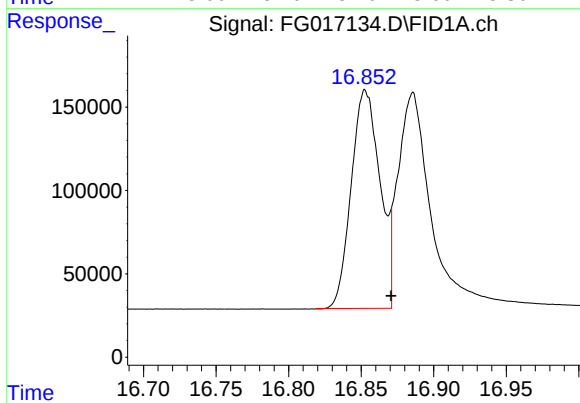
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.285 min
Delta R.T.: -0.021 min
Response: 1622630
Conc: 17.91 ug/ml



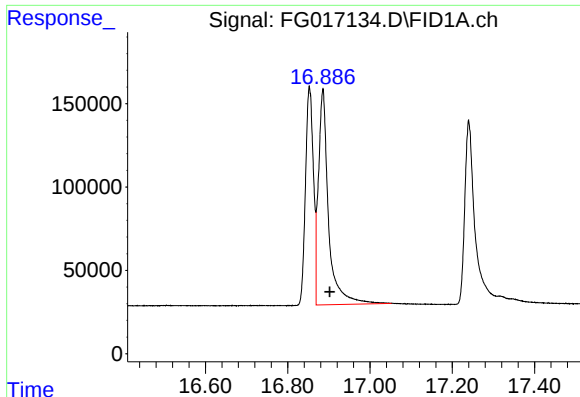
#15 Chrysene (C27.41)

R.T.: 15.326 min
Delta R.T.: -0.017 min
Response: 2246026
Conc: 15.84 ug/ml



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

R.T.: 16.852 min
Delta R.T.: -0.019 min
Response: 1815870
Conc: 18.42 ug/ml m



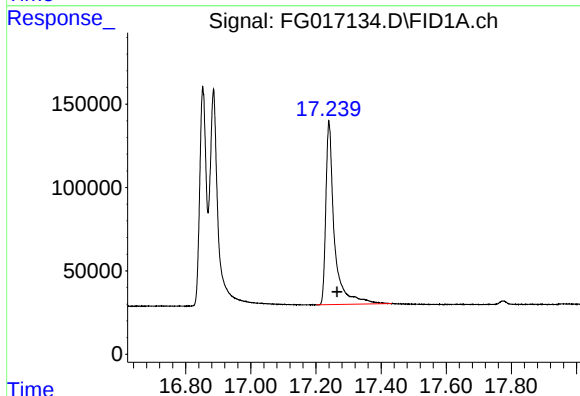
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.885 min
Delta R.T.: -0.017 min
Response: 2207262
Conc: 16.84 ug/ml

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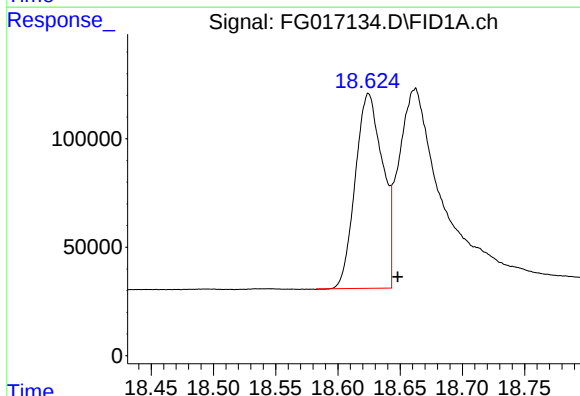
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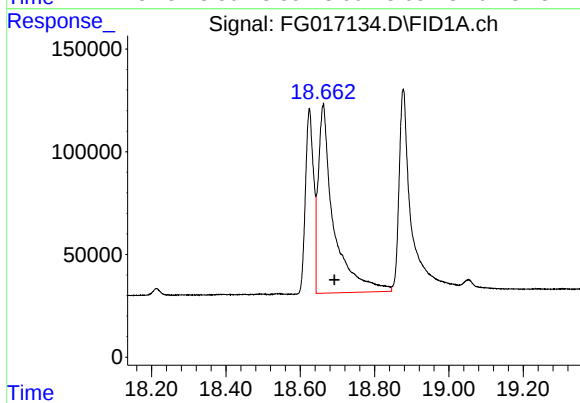
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.240 min
Delta R.T.: -0.024 min
Response: 2016931
Conc: 20.31 ug/ml



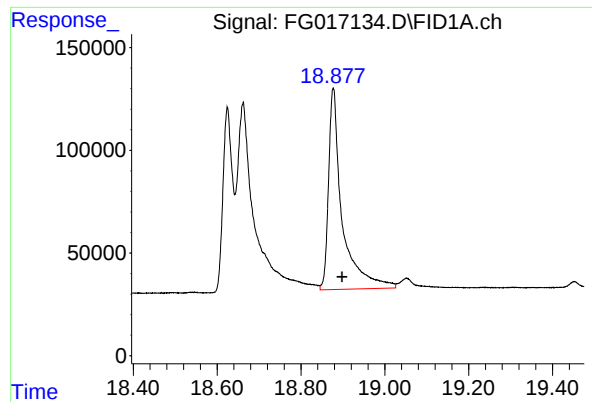
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.624 min
Delta R.T.: -0.024 min
Response: 1388859
Conc: 15.69 ug/ml m



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

R.T.: 18.662 min
Delta R.T.: -0.030 min
Response: 2643625
Conc: 19.81 ug/ml



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

R.T.: 18.877 min
Delta R.T.: -0.021 min
Response: 2216408
Conc: 19.22 ug/ml

Instrument :

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