

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016639.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 10:19
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 25 12:35:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 092525.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 25 12:34:32 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...	8.092	2499734	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.974	1680760	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	12.055	3084864	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.677	2863509	20.000 ug/ml
2) T Naphthalene (C11.7)	6.358	3040467	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.461	2957760	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.772	2902841	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.073	3159702	20.000 ug/ml
8) T Flouorene (C16.55)	9.868	2964078	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.285	2847878	20.000 ug/ml
10) T Anthracene (C19.43)	11.361	3072120	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.119	2976413	20.000 ug/ml
13) T Pyrene (C20.8)	13.420	2983110	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.313	2555187	20.078 ug/ml
15) T Chrysene (C27.41)	15.356	3087153	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.882	2462239	20.007 ug/ml
17) T Bnezo[k]fluoranthene ...	16.914	2947923	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.269	2587906	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.649	1669536	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.688	3341607	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.904	2458498	20.000 ug/ml

(f)=RT Delta > 1/2 Window

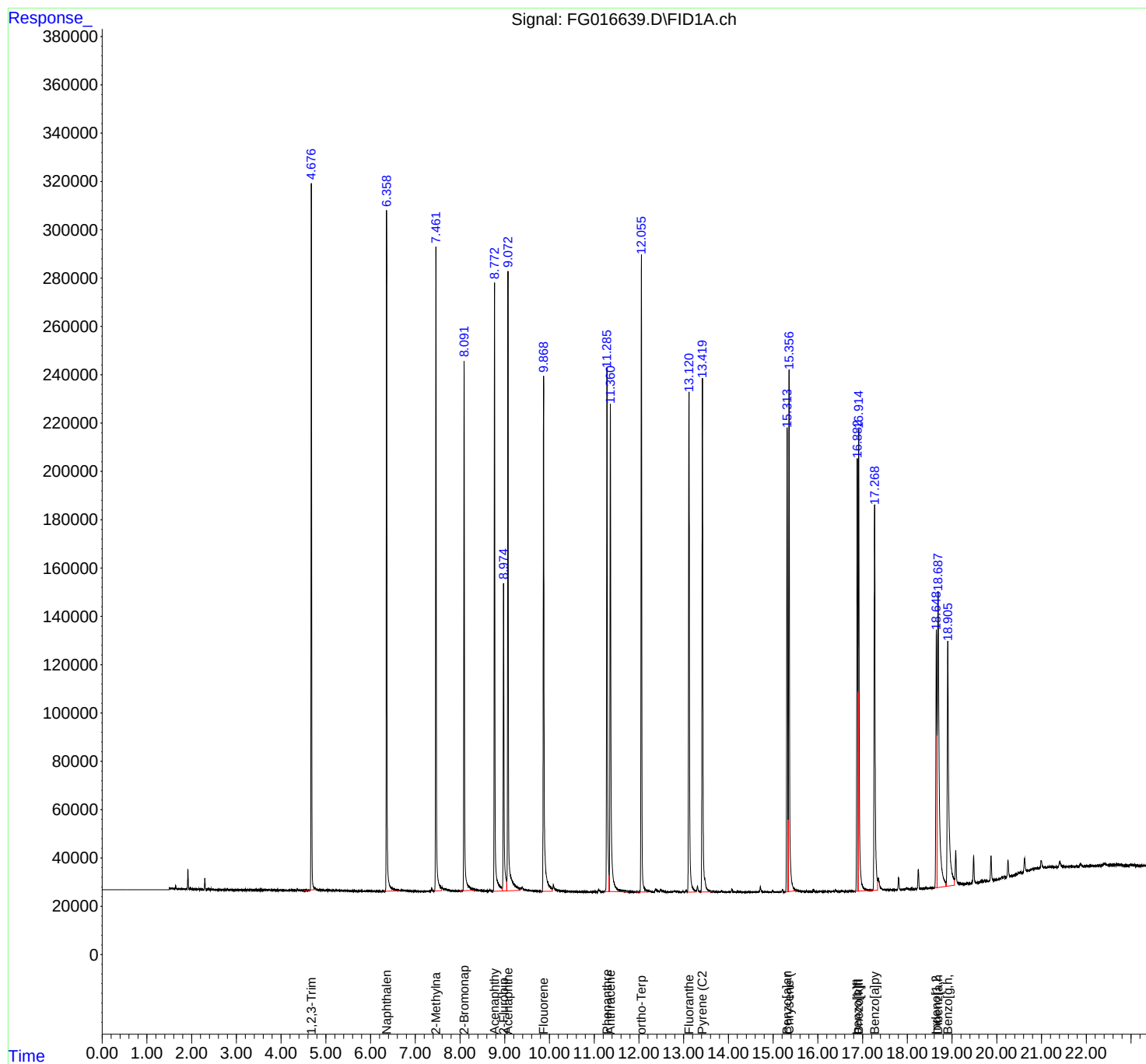
(m)=manual int.

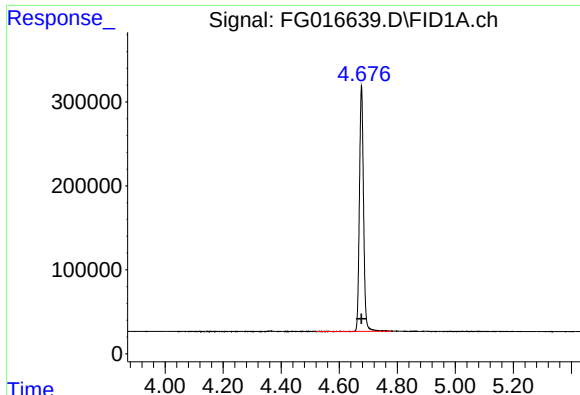
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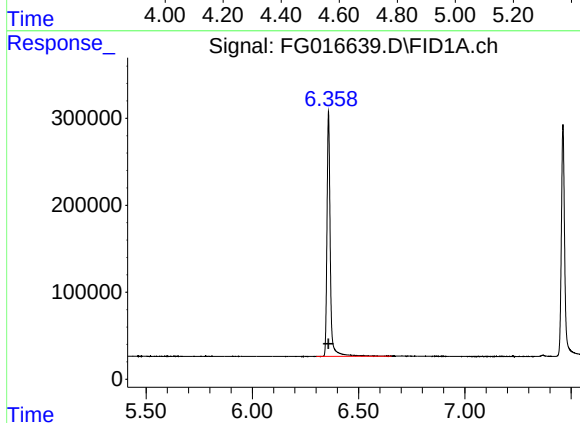




#1 1,2,3-Trimethylbenzene (C10.1)

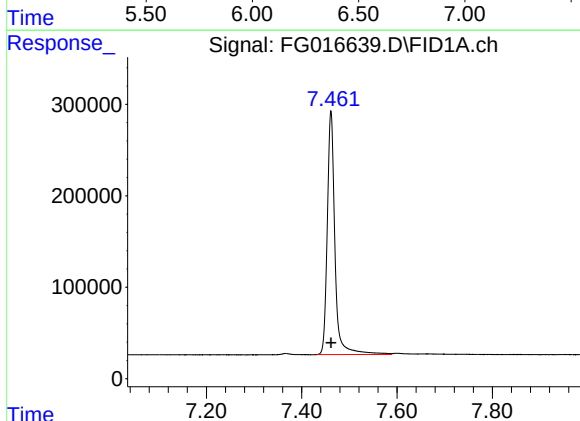
R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 2863509
Conc: 20.00 ug/ml

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FID_G
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20 PPM AROMATIC HC STD3



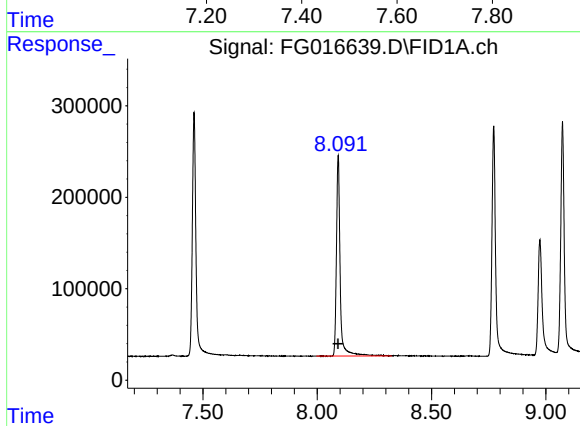
#2 Naphthalene (C11.7)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 3040467
Conc: 20.00 ug/ml



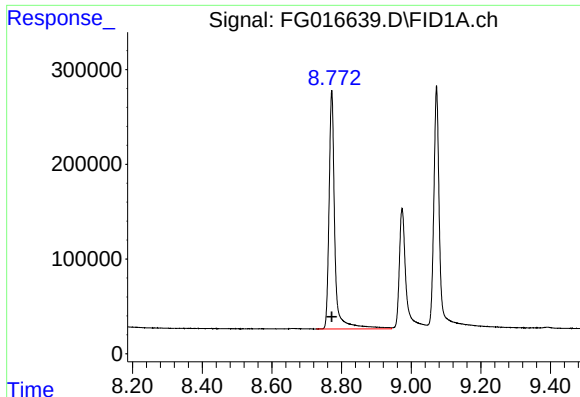
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 2957760
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

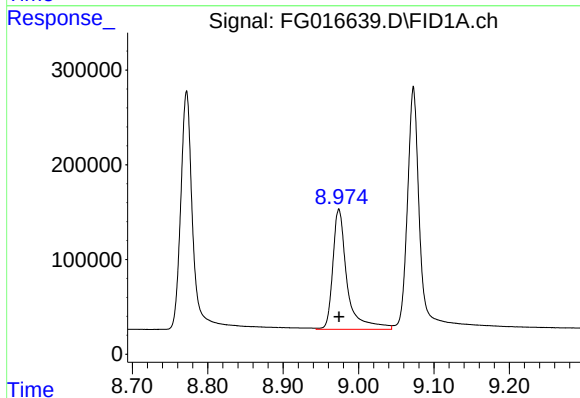
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 2499734
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

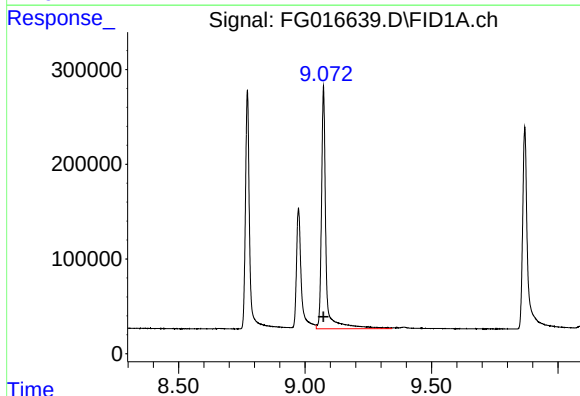
R.T.: 8.772 min
Delta R.T.: 0.000 min
Response: 2902841
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



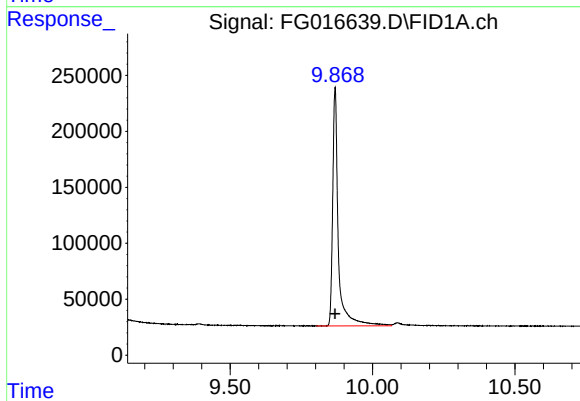
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 1680760
Conc: 20.00 ug/ml



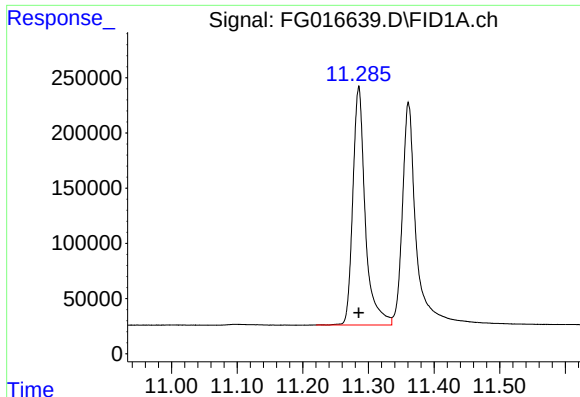
#7 Acenaphthene (C15.5)

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 3159702
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

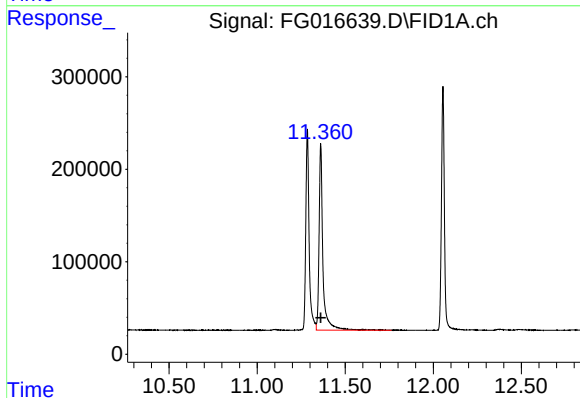
R.T.: 9.868 min
Delta R.T.: 0.000 min
Response: 2964078
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

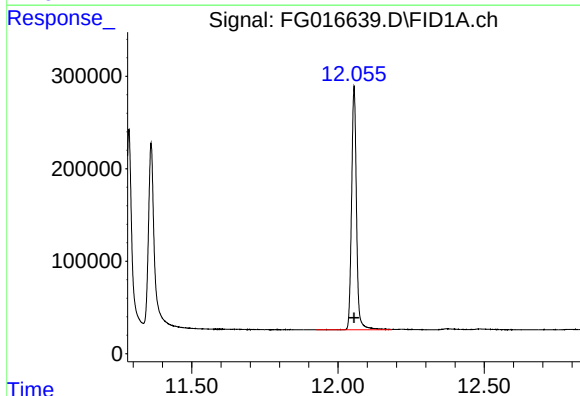
R.T.: 11.285 min
Delta R.T.: 0.000 min
Response: 2847878
Conc: 20.00 ug/ml

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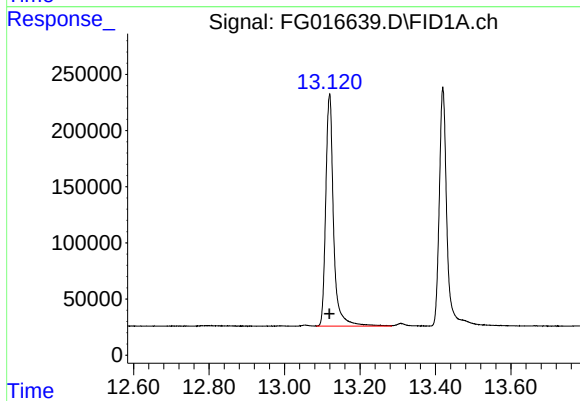
#10 Anthracene (C19.43)

R.T.: 11.361 min
Delta R.T.: 0.000 min
Response: 3072120
Conc: 20.00 ug/ml



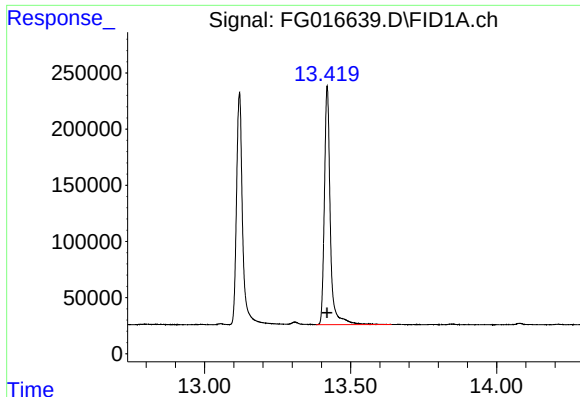
#11 ortho-Terphenyl (SURR)

R.T.: 12.055 min
Delta R.T.: 0.000 min
Response: 3084864
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

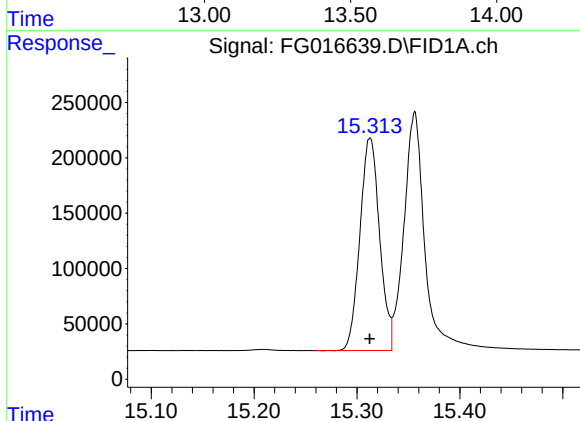
R.T.: 13.119 min
Delta R.T.: 0.000 min
Response: 2976413
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

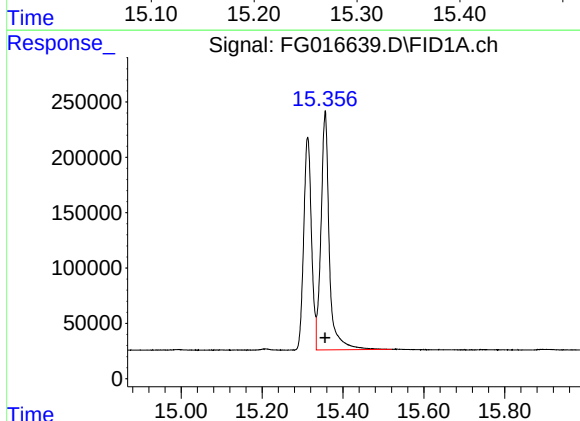
R.T.: 13.420 min
Delta R.T.: 0.000 min
Response: 2983110
Conc: 20.00 ug/ml

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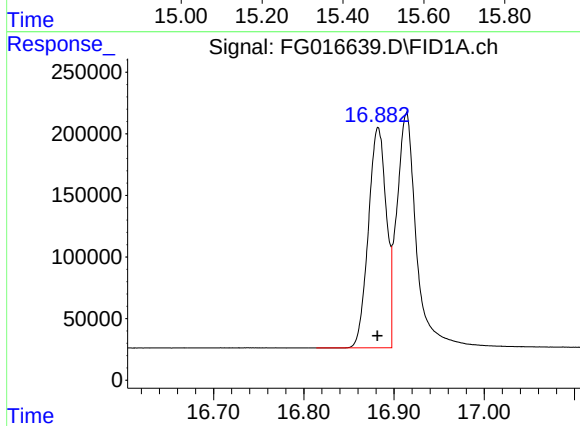
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.313 min
Delta R.T.: 0.000 min
Response: 2555187
Conc: 20.08 ug/ml



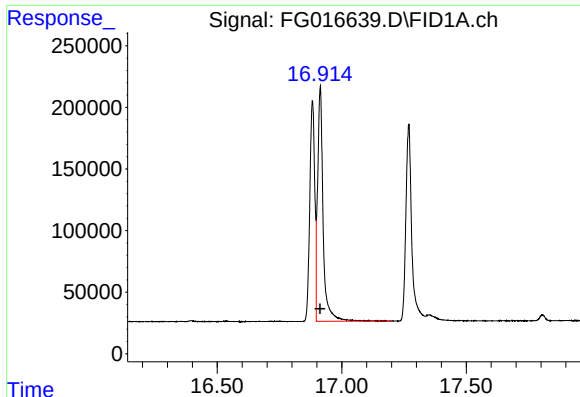
#15 Chrysene (C27.41)

R.T.: 15.356 min
Delta R.T.: 0.000 min
Response: 3087153
Conc: 20.00 ug/ml



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

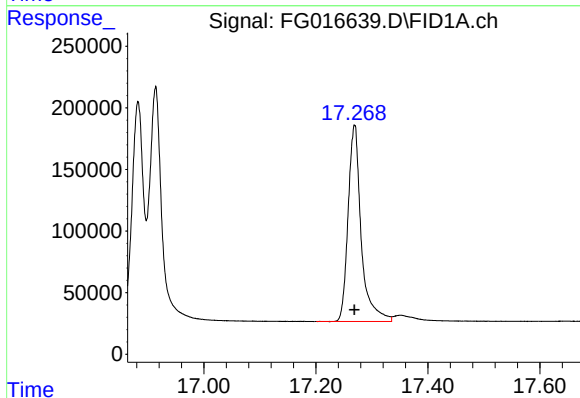
R.T.: 16.882 min
Delta R.T.: 0.000 min
Response: 2462239
Conc: 20.01 ug/ml



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

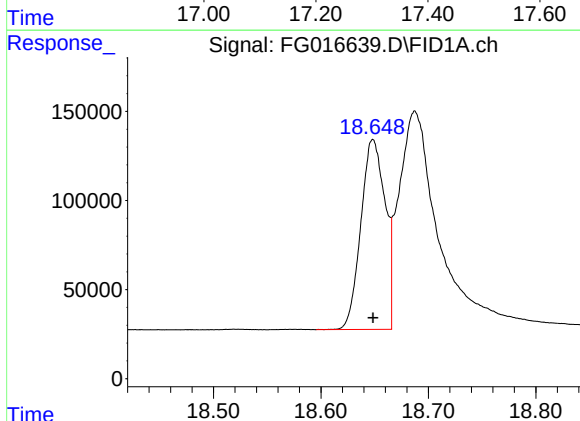
R.T.: 16.914 min
Delta R.T.: 0.000 min
Response: 2947923
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



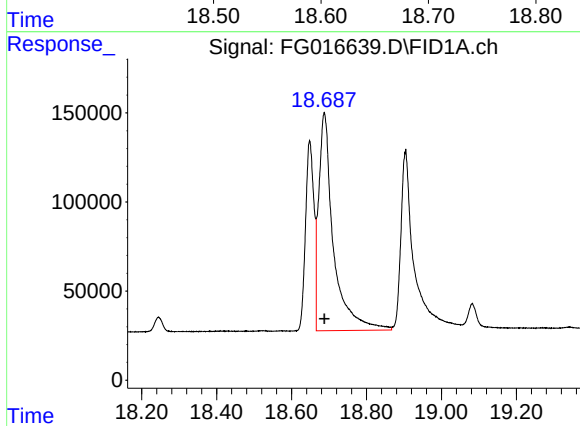
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.269 min
Delta R.T.: 0.000 min
Response: 2587906
Conc: 20.00 ug/ml



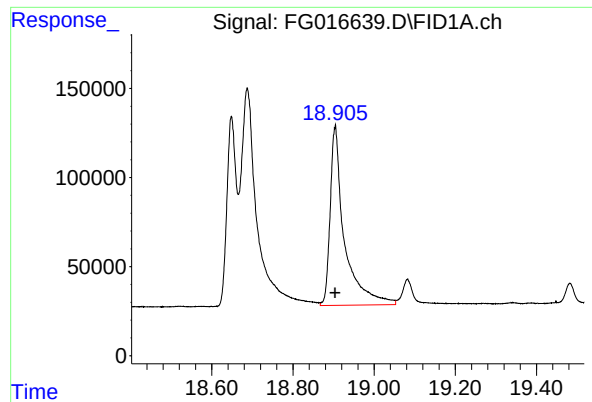
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.649 min
Delta R.T.: 0.000 min
Response: 1669536
Conc: 20.00 ug/ml



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

R.T.: 18.688 min
Delta R.T.: 0.000 min
Response: 3341607
Conc: 20.00 ug/ml



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

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 2458498
Conc: 20.00 ug/ml

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