

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AR\
 Data File : FG017016.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 18:44
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 01 08:56:13 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...	8.070	1972522	21.188 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
6) S 2-Fluorobiphenyl (SURR)	8.953	1128579	20.063 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.13%
11) S ortho-Terphenyl (SURR)	12.029	2858492	20.080 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.653	2613713	19.770 ug/ml
2) T Naphthalene (C11.7)	6.336	2510294	20.522 ug/ml
3) T 2-Methylnaphthalene (...)	7.439	2415433	21.334 ug/ml
5) T Acenaphthylene (C15.06)	8.748	2419291	20.165 ug/ml
7) T Acenaphthene (C15.5)	9.047	2677954	20.089 ug/ml
8) T Flouorene (C16.55)	9.845	2351184	19.999 ug/ml
9) T Phenanthrene (C19.36)	11.260	2336250	20.427 ug/ml
10) T Anthracene (C19.43)	11.337	2459546	20.243 ug/ml
12) T Fluoranthene (C21.85)	13.093	2578497	20.413 ug/ml
13) T Pyrene (C20.8)	13.394	2624602	20.386 ug/ml
14) T Benzo[a]anthracene (C...	15.288	1915961	21.148 ug/ml
15) T Chrysene (C27.41)	15.330	2861953	20.183 ug/ml
16) T benzo[b]fluoranthene ...	16.858	2029873	20.588 ug/ml
17) T Bnezo[k]fluoranthene ...	16.889	2611798	19.926 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.245	2035231	20.497 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.630	1586542	17.925 ug/ml
20) T Dibenz[a,h]anthracene...	18.666	2785594	20.873 ug/ml
21) T Benzo[g,h,i]perylene ...	18.879	2316115	20.088 ug/ml

(f)=RT Delta > 1/2 Window

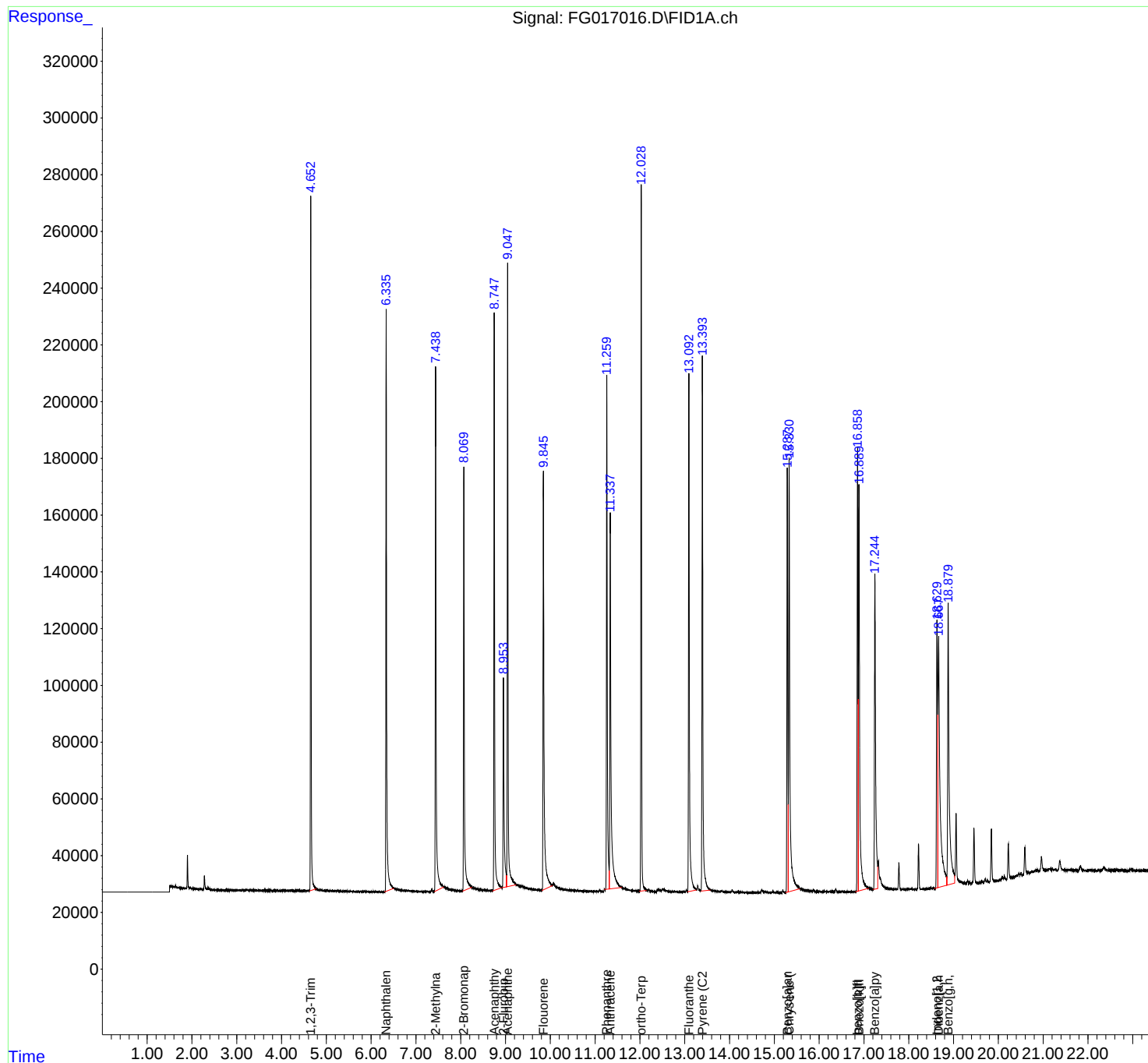
(m)=manual int.

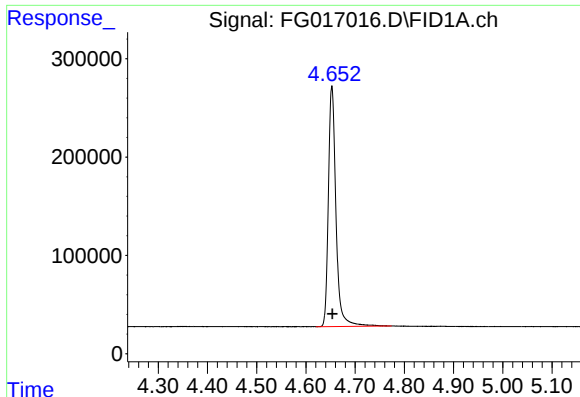
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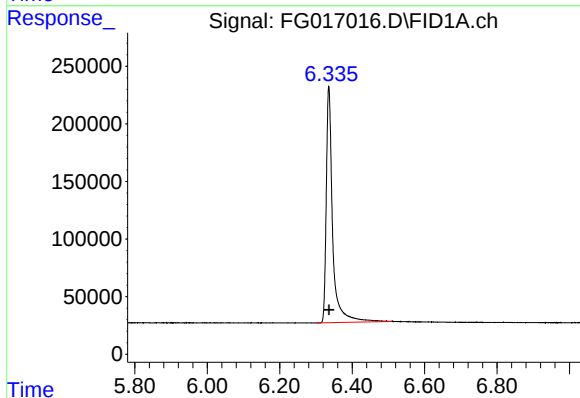




#1 1,2,3-Trimethylbenzene (C10.1)

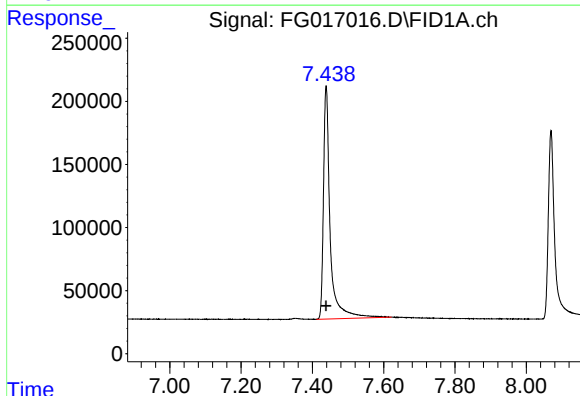
R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 2613713
Conc: 19.77 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



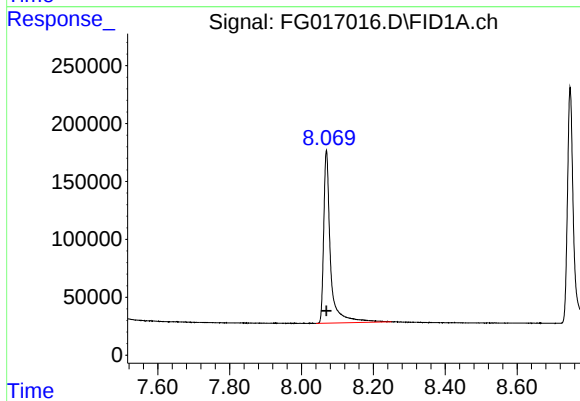
#2 Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 2510294
Conc: 20.52 ug/ml



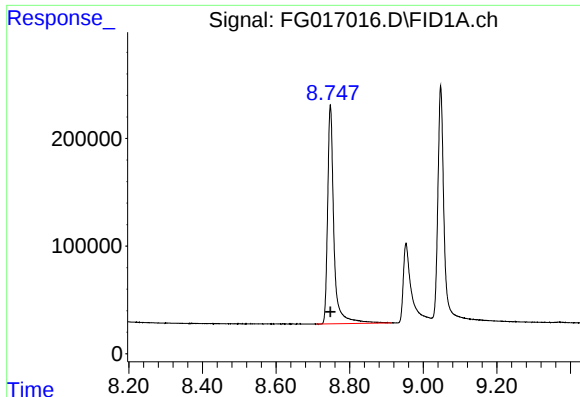
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 2415433
Conc: 21.33 ug/ml



#4 2-Bromonaphthalene (SURR)

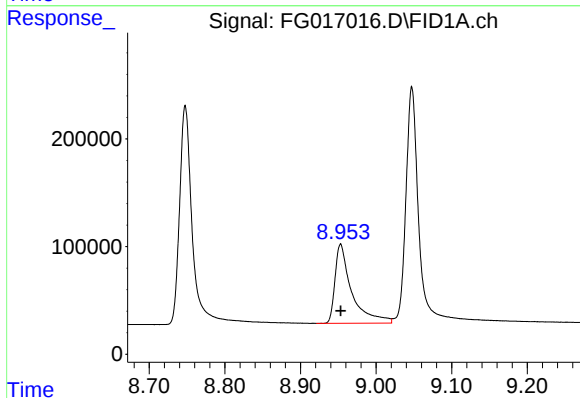
R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 1972522
Conc: 21.19 ug/ml



#5 Acenaphthylene (C15.06)

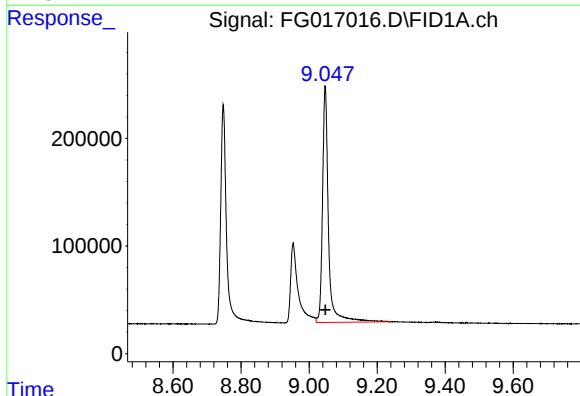
R.T.: 8.748 min
Delta R.T.: 0.000 min
Response: 2419291
Conc: 20.16 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



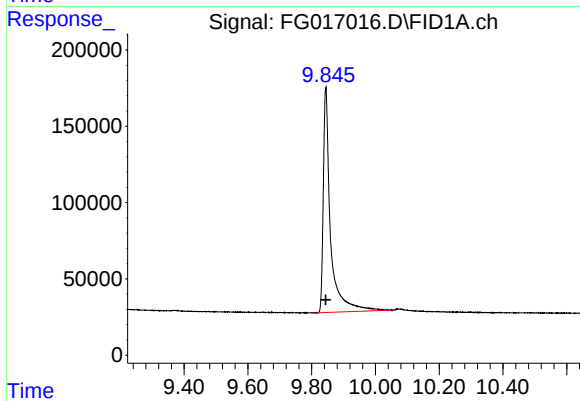
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 1128579
Conc: 20.06 ug/ml



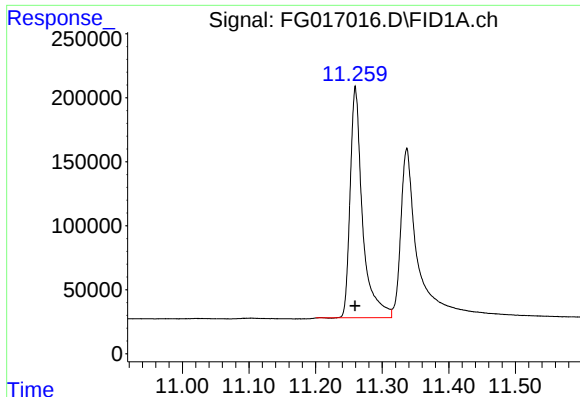
#7 Acenaphthene (C15.5)

R.T.: 9.047 min
Delta R.T.: 0.000 min
Response: 2677954
Conc: 20.09 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 2351184
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

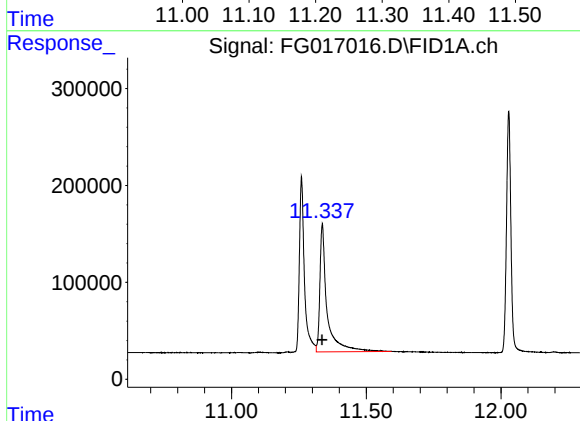
R.T.: 11.260 min
Delta R.T.: 0.000 min
Response: 2336250
Conc: 20.43 ug/ml

Instrument :

FID_G

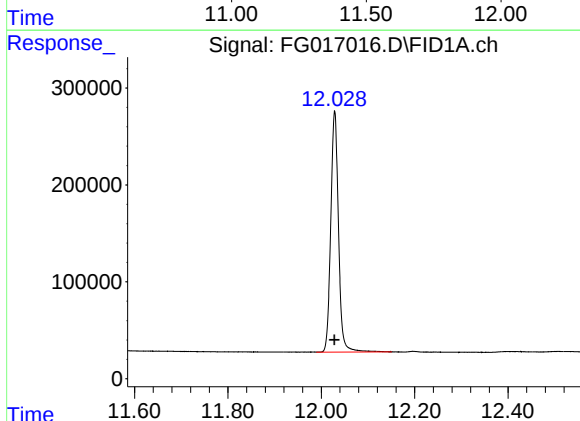
ClientSampleId :

20 PPM AROMATIC HC STD ICV



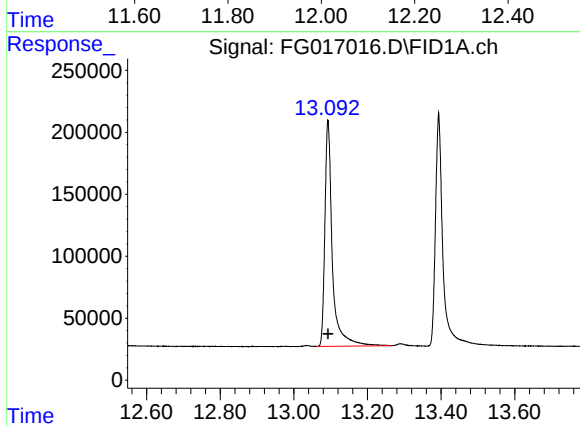
#10 Anthracene (C19.43)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 2459546
Conc: 20.24 ug/ml



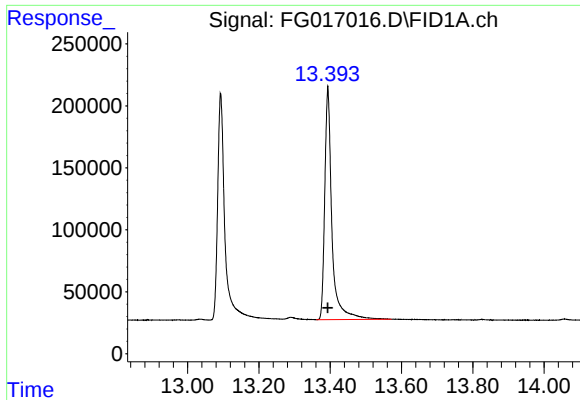
#11 ortho-Terphenyl (SURR)

R.T.: 12.029 min
Delta R.T.: 0.000 min
Response: 2858492
Conc: 20.08 ug/ml



#12 Fluoranthene (C21.85)

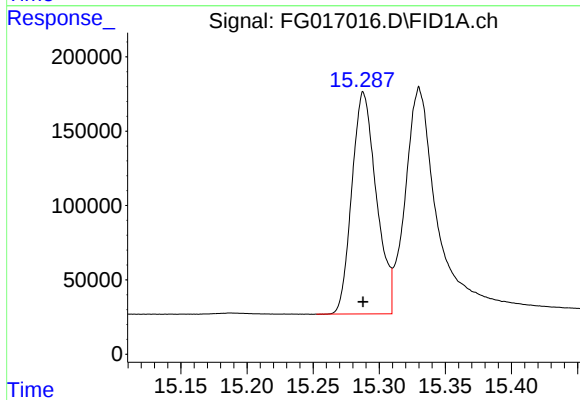
R.T.: 13.093 min
Delta R.T.: 0.000 min
Response: 2578497
Conc: 20.41 ug/ml



#13 Pyrene (C20.8)

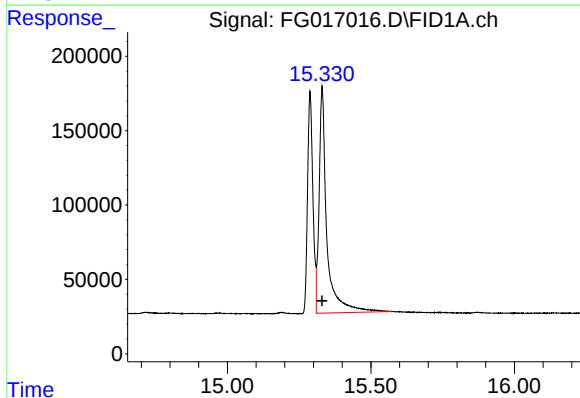
R.T.: 13.394 min
Delta R.T.: 0.000 min
Response: 2624602
Conc: 20.39 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



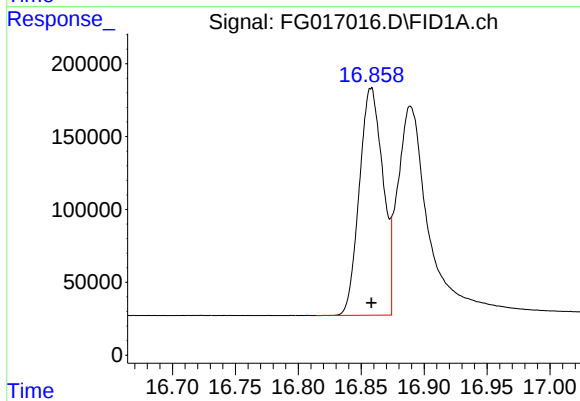
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 1915961
Conc: 21.15 ug/ml



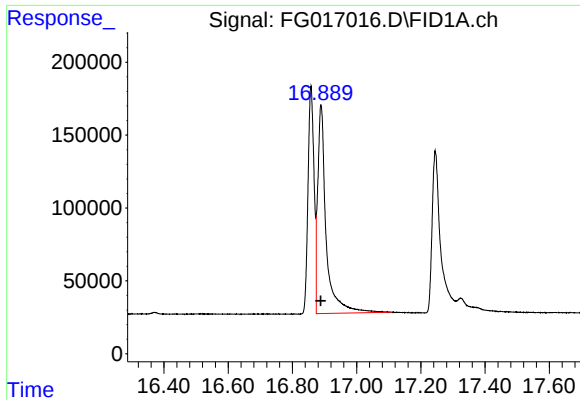
#15 Chrysene (C27.41)

R.T.: 15.330 min
Delta R.T.: 0.000 min
Response: 2861953
Conc: 20.18 ug/ml



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

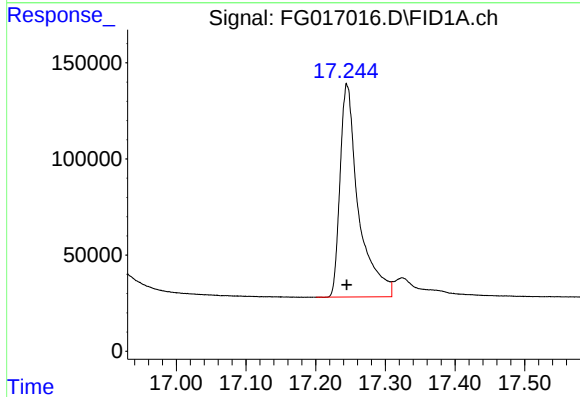
R.T.: 16.858 min
Delta R.T.: 0.000 min
Response: 2029873
Conc: 20.59 ug/ml



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

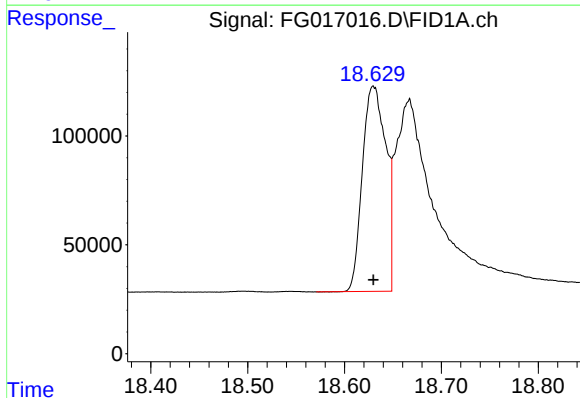
R.T.: 16.889 min
Delta R.T.: 0.001 min
Response: 2611798
Conc: 19.93 ug/ml

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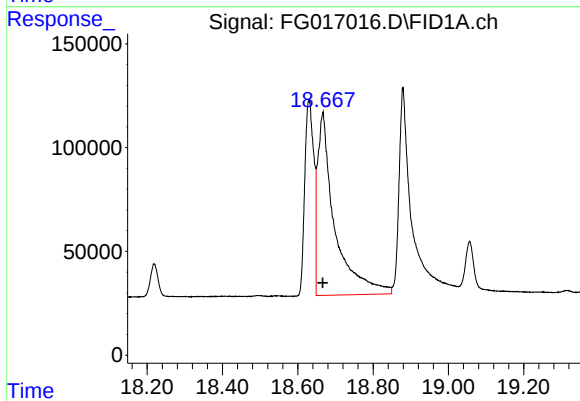
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.245 min
Delta R.T.: 0.000 min
Response: 2035231
Conc: 20.50 ug/ml



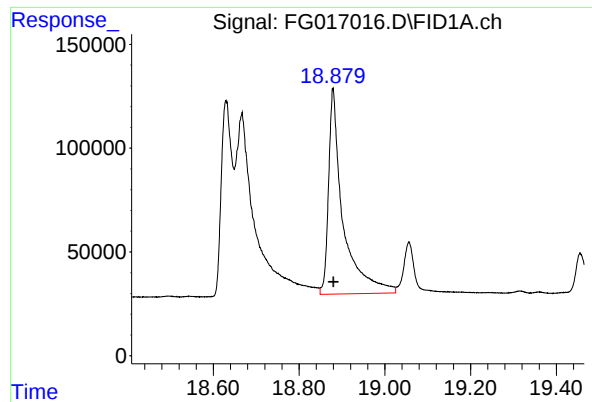
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 1586542
Conc: 17.92 ug/ml



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

R.T.: 18.666 min
Delta R.T.: 0.000 min
Response: 2785594
Conc: 20.87 ug/ml



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

R.T.: 18.879 min
Delta R.T.: -0.001 min
Response: 2316115
Conc: 20.09 ug/ml

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ClientSampleId :
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