

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016638.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 09:49
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 25 12:40:24 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...	8.093	5787204	48.577 ug/ml
Spiked Amount 50.000		Recovery =	97.15%
6) S 2-Fluorobiphenyl (SURR)	8.976	3949076	48.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.66%
11) S ortho-Terphenyl (SURR)	12.058	6802152	48.045 ug/ml
Spiked Amount 50.000		Recovery =	96.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.678	6441740	48.191 ug/ml
2) T Naphthalene (C11.7)	6.360	6833929	48.181 ug/ml
3) T 2-Methylnaphthalene (...)	7.464	6795602	48.441 ug/ml
5) T Acenaphthylene (C15.06)	8.775	6703380	48.612 ug/ml
7) T Acenaphthene (C15.5)	9.077	6932683	48.075 ug/ml
8) T Fluorene (C16.55)	9.871	6678283	48.339 ug/ml
9) T Phenanthrene (C19.36)	11.288	6505663	48.448 ug/ml
10) T Anthracene (C19.43)	11.364	6430423	47.342 ug/ml
12) T Fluoranthene (C21.85)	13.123	6586566	48.136 ug/ml
13) T Pyrene (C20.8)	13.425	6583830	48.454 ug/ml
14) T Benzo[a]anthracene (C...	15.319	5981401	48.716 ug/ml
15) T Chrysene (C27.41)	15.364	6564655	47.706 ug/ml
16) T benzo[b]fluoranthene ...	16.890	5931129	49.099 ug/ml
17) T Bnezo[k]fluoranthene ...	16.924	6066327	47.386 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.273	5854774	48.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.654	4209911	47.620 ug/ml
20) T Dibenz[a,h]anthracene...	18.692	6865023	48.510 ug/ml
21) T Benzo[g,h,i]perylene ...	18.911	5441389	48.253 ug/ml

(f)=RT Delta > 1/2 Window

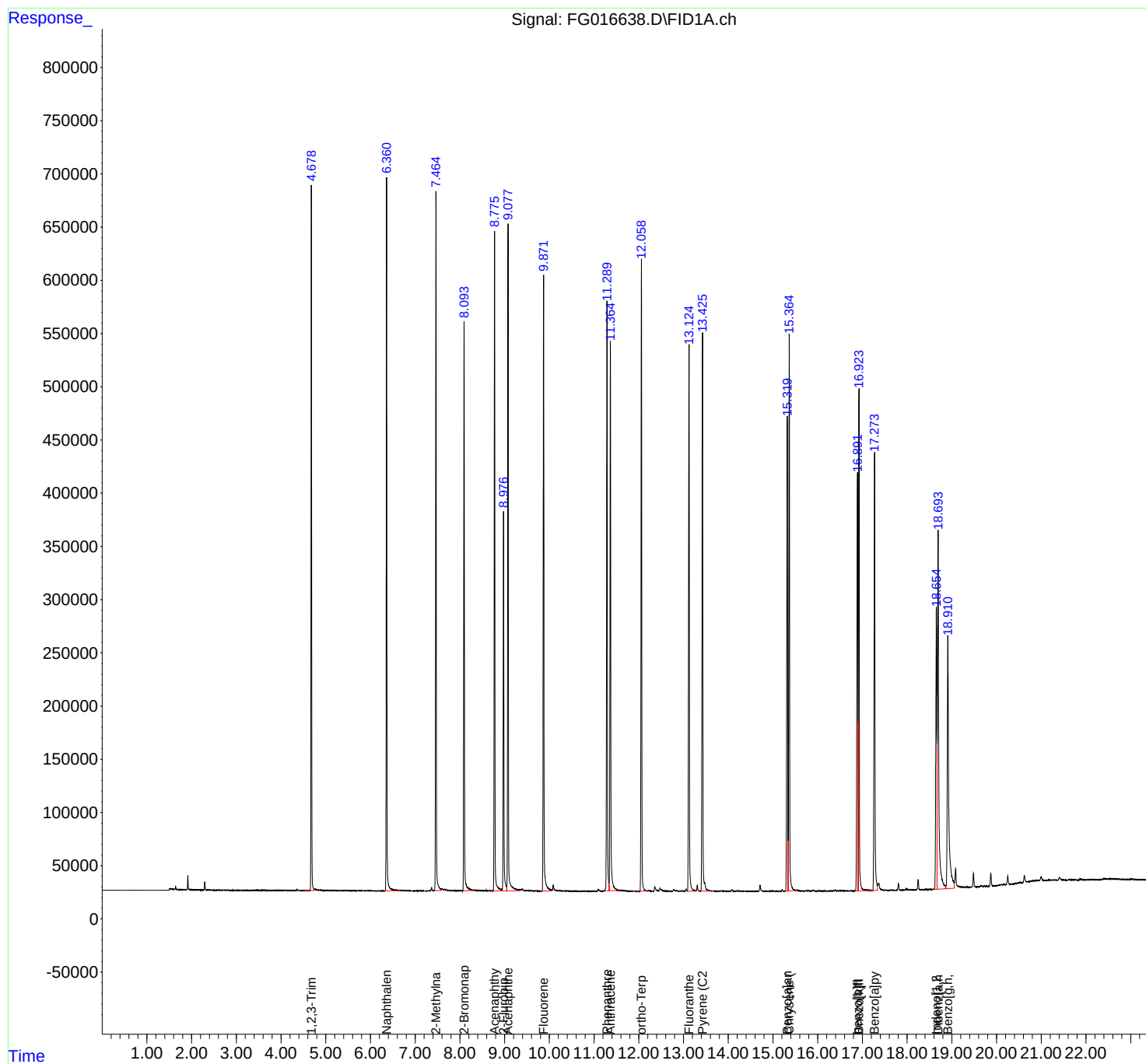
(m)=manual int.

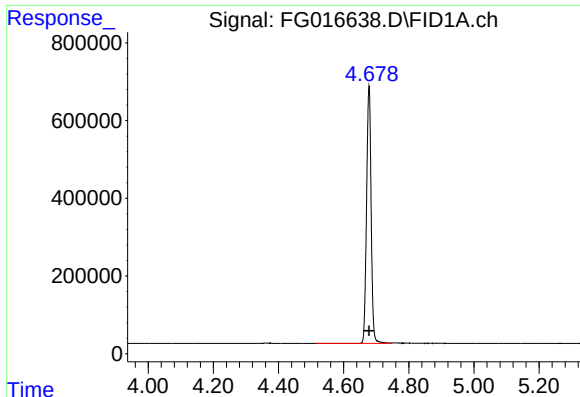
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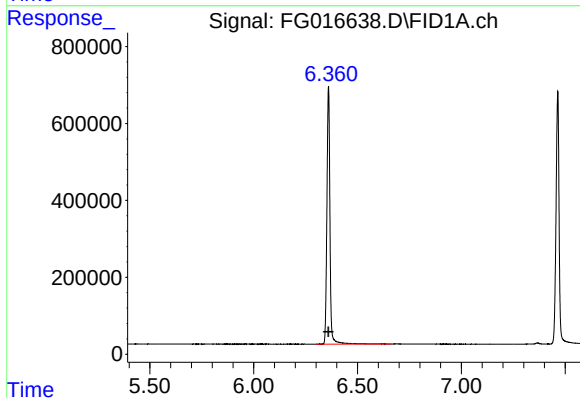




#1 1,2,3-Trimethylbenzene (C10.1)

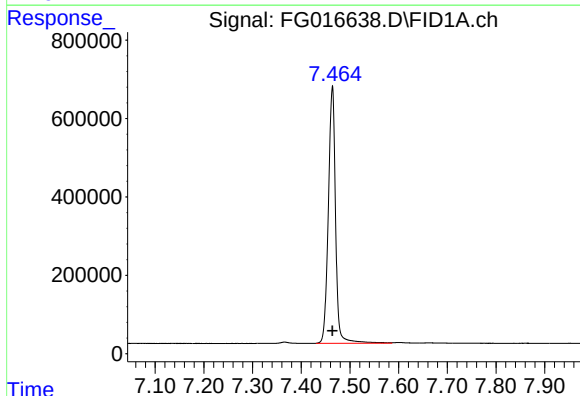
R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 6441740
Conc: 48.19 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



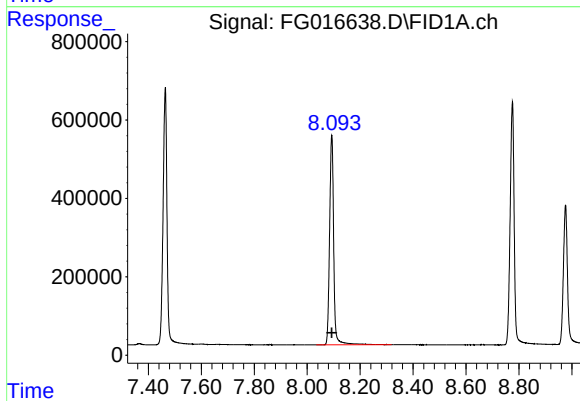
#2 Naphthalene (C11.7)

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 6833929
Conc: 48.18 ug/ml



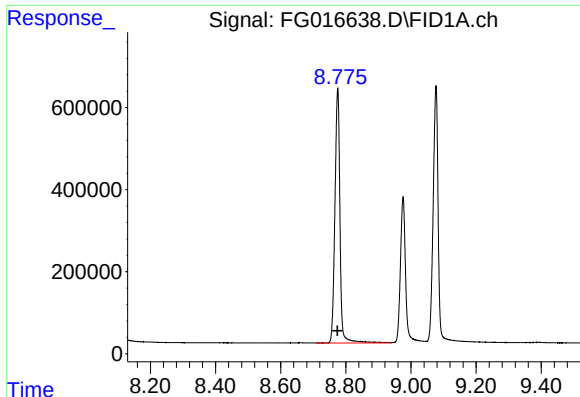
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 6795602
Conc: 48.44 ug/ml



#4 2-Bromonaphthalene (SURR)

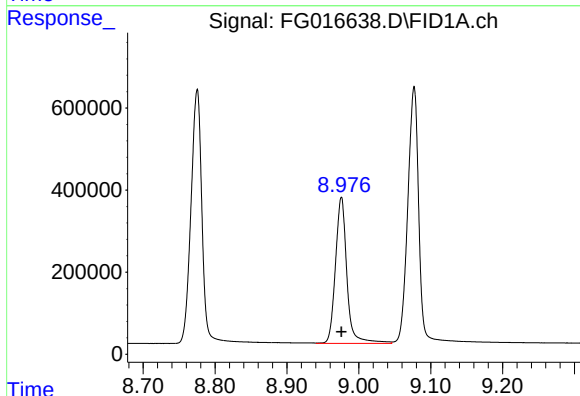
R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 5787204
Conc: 48.58 ug/ml



#5 Acenaphthylene (C15.06)

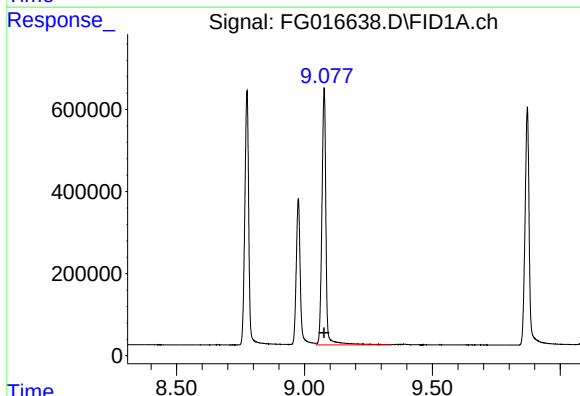
R.T.: 8.775 min
Delta R.T.: 0.000 min
Response: 6703380
Conc: 48.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



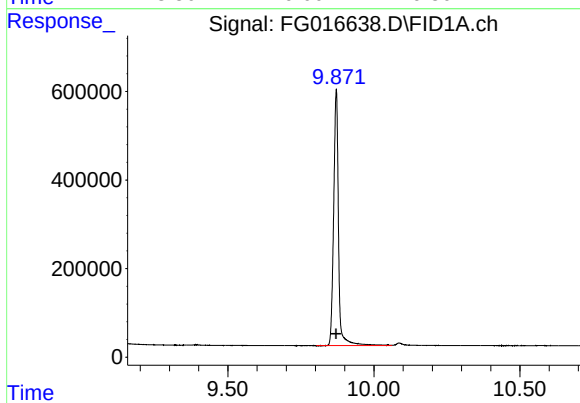
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 3949076
Conc: 48.83 ug/ml



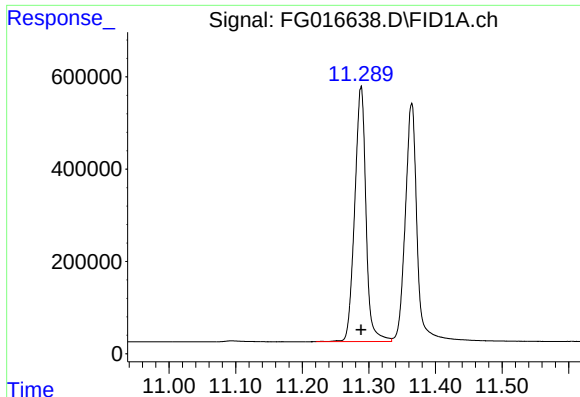
#7 Acenaphthene (C15.5)

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 6932683
Conc: 48.07 ug/ml



#8 Fluorene (C16.55)

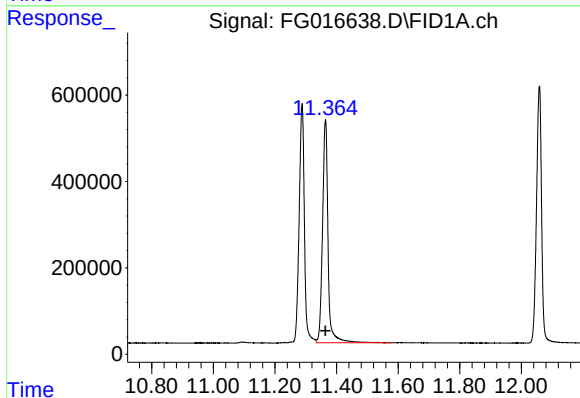
R.T.: 9.871 min
Delta R.T.: 0.000 min
Response: 6678283
Conc: 48.34 ug/ml



#9 Phenanthrene (C19.36)

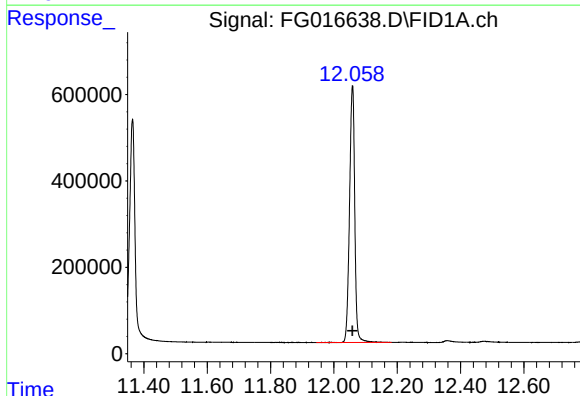
R.T.: 11.288 min
Delta R.T.: 0.000 min
Response: 6505663
Conc: 48.45 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



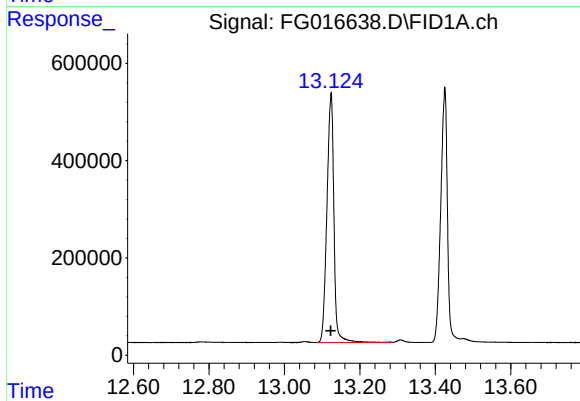
#10 Anthracene (C19.43)

R.T.: 11.364 min
Delta R.T.: 0.000 min
Response: 6430423
Conc: 47.34 ug/ml



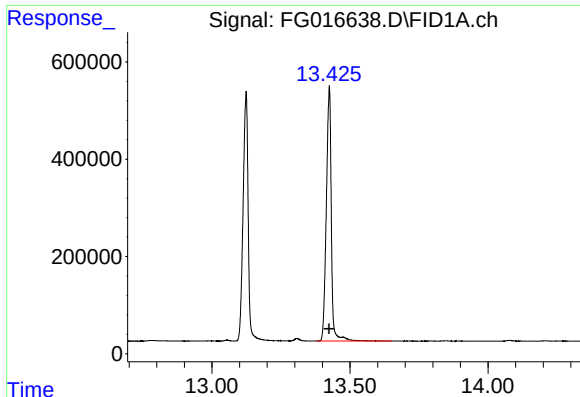
#11 ortho-Terphenyl (SURR)

R.T.: 12.058 min
Delta R.T.: 0.000 min
Response: 6802152
Conc: 48.05 ug/ml



#12 Fluoranthene (C21.85)

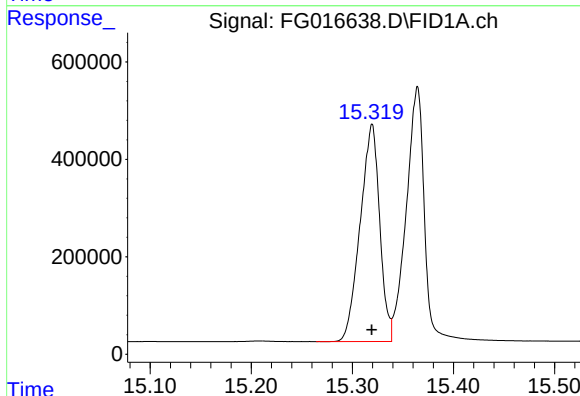
R.T.: 13.123 min
Delta R.T.: 0.000 min
Response: 6586566
Conc: 48.14 ug/ml



#13 Pyrene (C20.8)

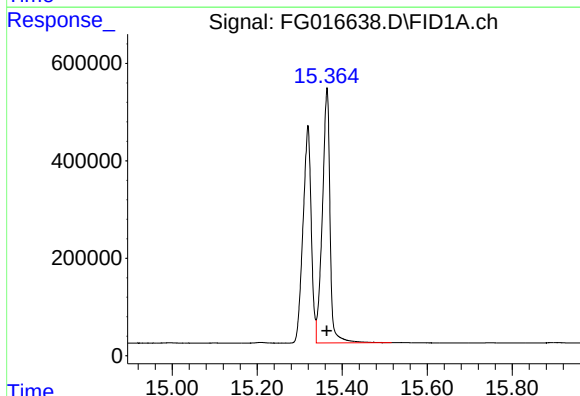
R.T.: 13.425 min
Delta R.T.: 0.000 min
Response: 6583830
Conc: 48.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



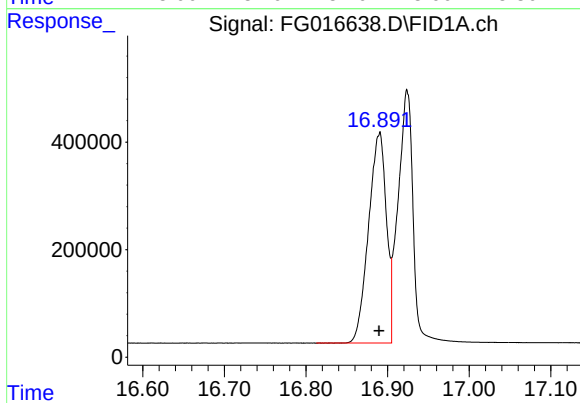
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.319 min
Delta R.T.: 0.000 min
Response: 5981401
Conc: 48.72 ug/ml



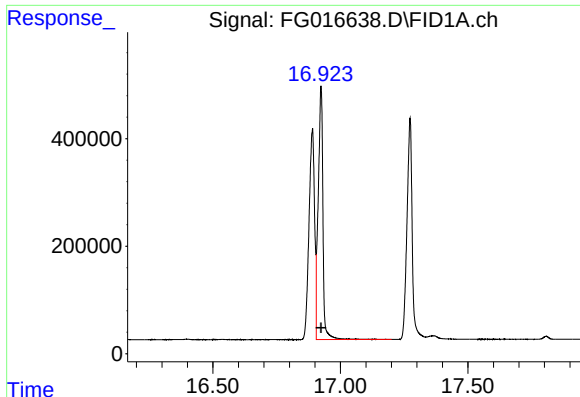
#15 Chrysene (C27.41)

R.T.: 15.364 min
Delta R.T.: 0.000 min
Response: 6564655
Conc: 47.71 ug/ml



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

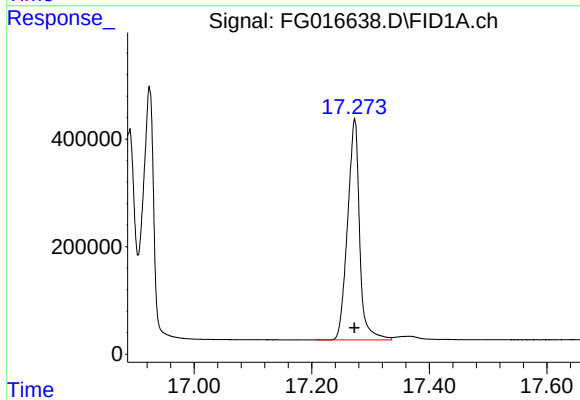
R.T.: 16.890 min
Delta R.T.: 0.000 min
Response: 5931129
Conc: 49.10 ug/ml



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

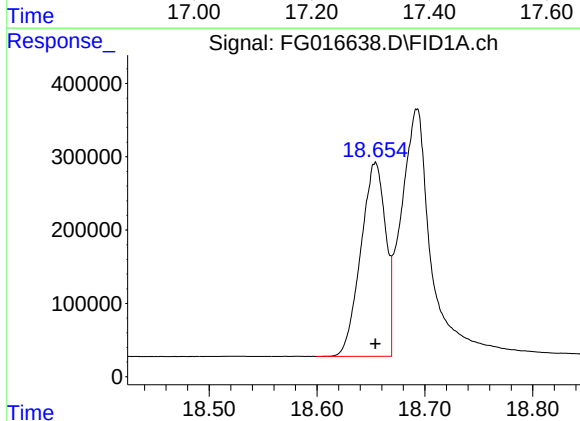
R.T.: 16.924 min
Delta R.T.: 0.000 min
Response: 6066327
Conc: 47.39 ug/ml

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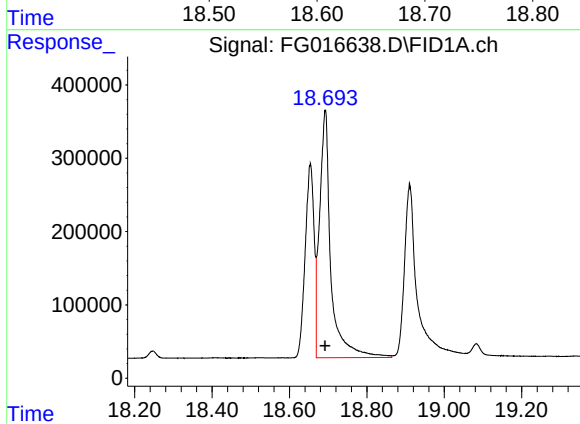
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.273 min
Delta R.T.: 0.000 min
Response: 5854774
Conc: 48.43 ug/ml



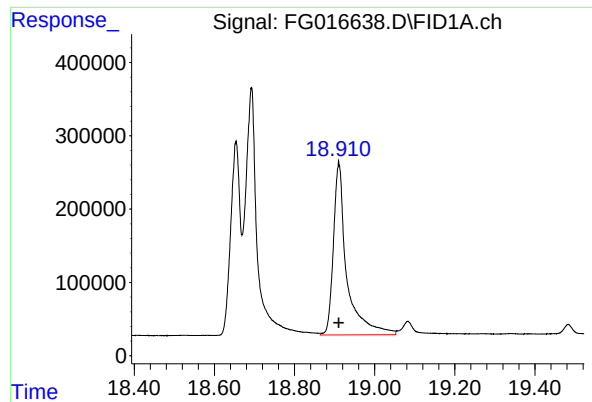
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.654 min
Delta R.T.: 0.000 min
Response: 4209911
Conc: 47.62 ug/ml



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

R.T.: 18.692 min
Delta R.T.: 0.000 min
Response: 6865023
Conc: 48.51 ug/ml



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

R.T.: 18.911 min
Delta R.T.: 0.000 min
Response: 5441389
Conc: 48.25 ug/ml

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