

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AR\
 Data File : FG016084.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 20:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 16 05:21:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:20:17 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...	8.129	2206397	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	9.009	1525380	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	12.093	2610853	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.719	2394976	20.000 ug/ml
2) T Naphthalene (C11.7)	6.397	2533959	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.499	2582831	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.809	2557765	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.111	2550179	20.000 ug/ml
8) T Flouorene (C16.55)	9.904	2554555	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.319	2559084	20.000 ug/ml
10) T Anthracene (C19.43)	11.394	2563404	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.151	2577160	20.000 ug/ml
13) T Pyrene (C20.8)	13.452	2552904	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.343	2519359	20.000 ug/ml
15) T Chrysene (C27.41)	15.386	2540395	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.909	2514982	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.941	2370294	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.291	2454086	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.666	2241109	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.707	2371705	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.924	2351384	20.000 ug/ml

(f)=RT Delta > 1/2 Window

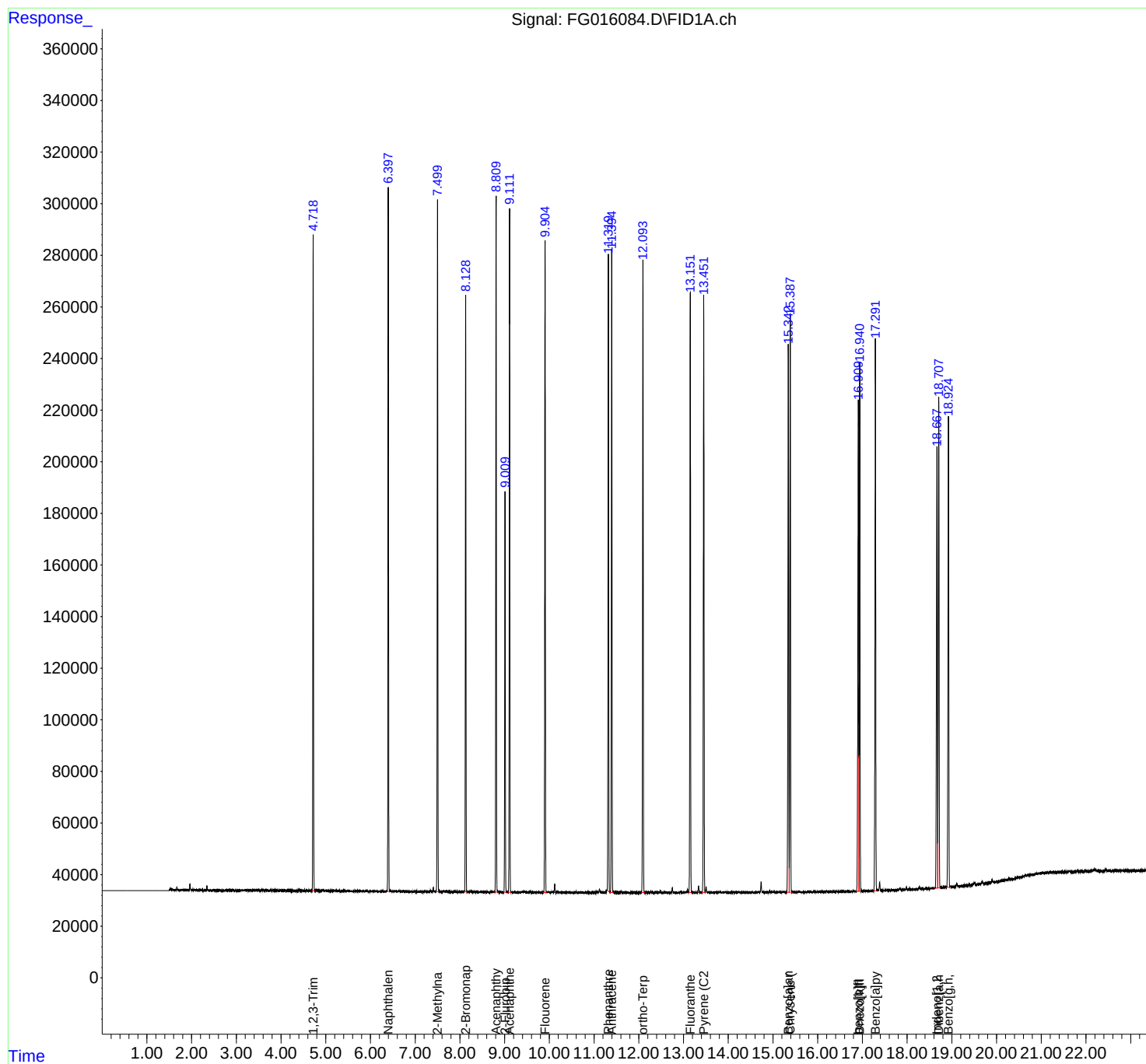
(m)=manual int.

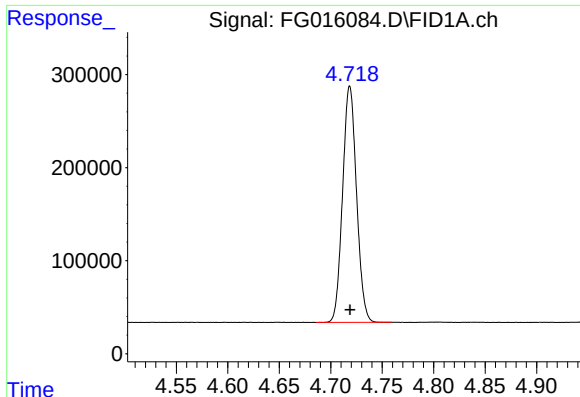
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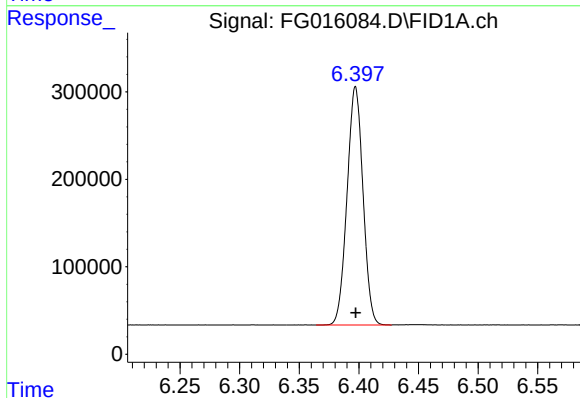




#1 1,2,3-Trimethylbenzene (C10.1)

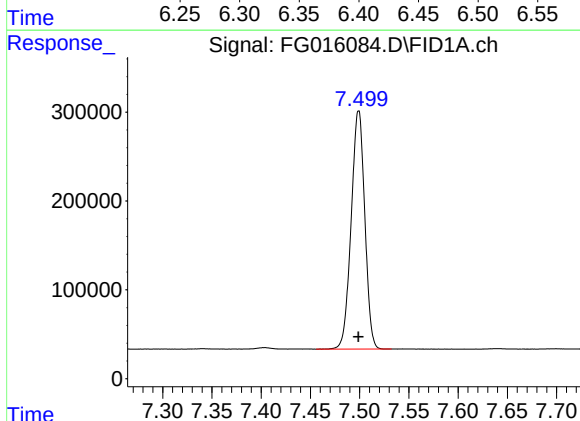
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 2394976
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



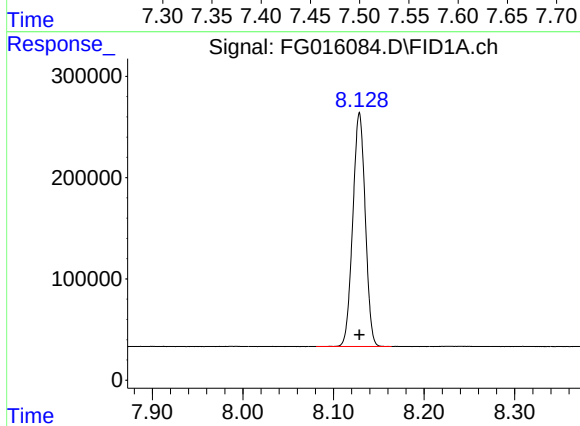
#2 Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 2533959
Conc: 20.00 ug/ml



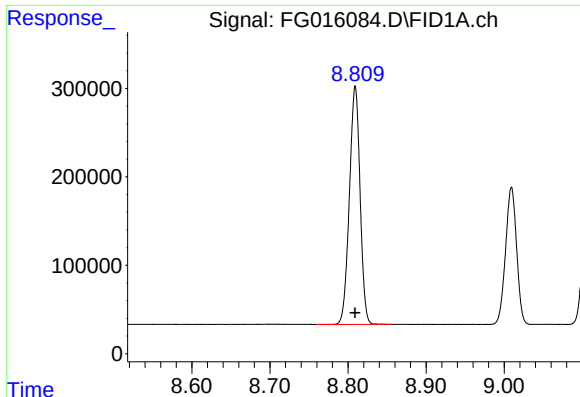
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 2582831
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

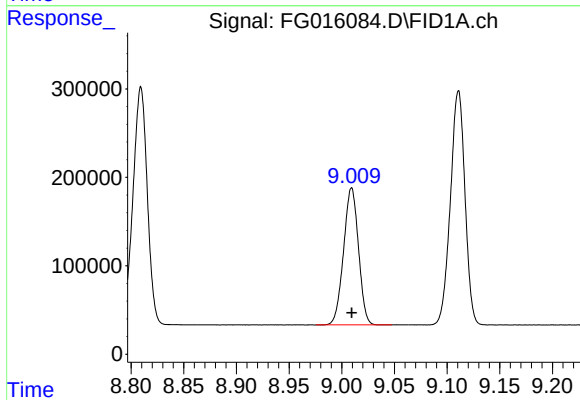
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 2206397
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

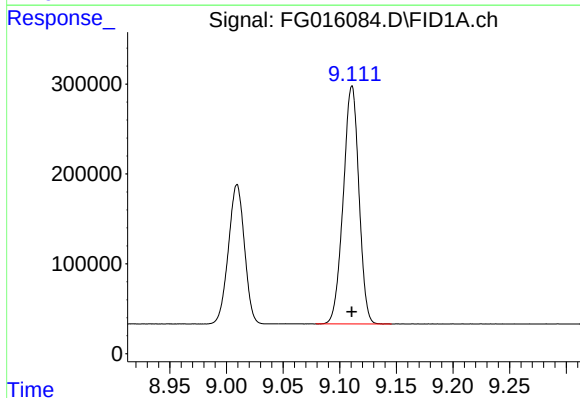
R.T.: 8.809 min
Delta R.T.: 0.000 min
Response: 2557765
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



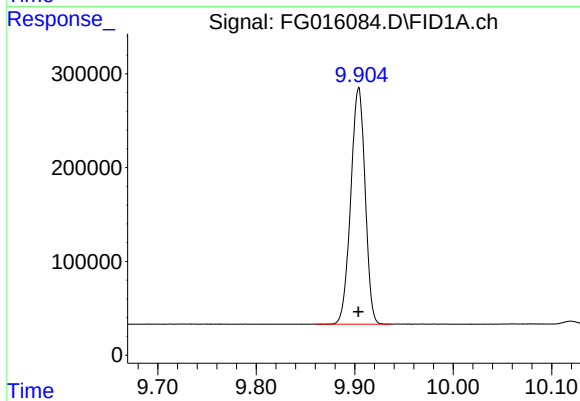
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.009 min
Delta R.T.: 0.000 min
Response: 1525380
Conc: 20.00 ug/ml



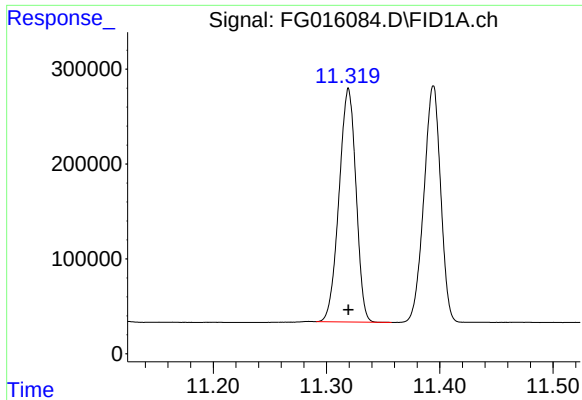
#7 Acenaphthene (C15.5)

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 2550179
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

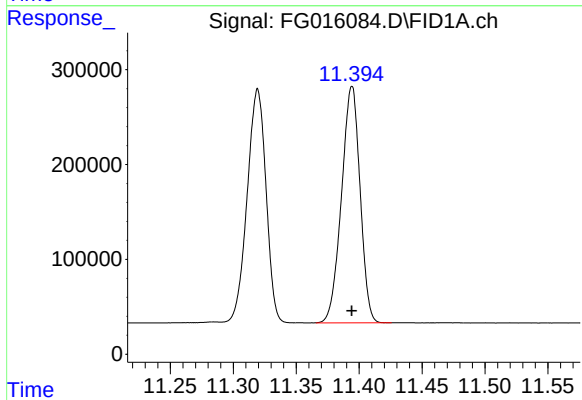
R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 2554555
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

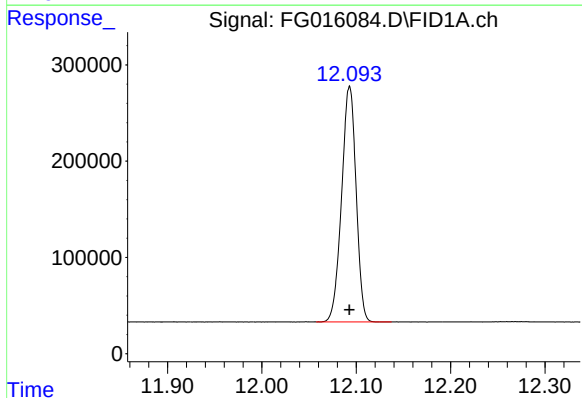
R.T.: 11.319 min
Delta R.T.: 0.000 min
Response: 2559084
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



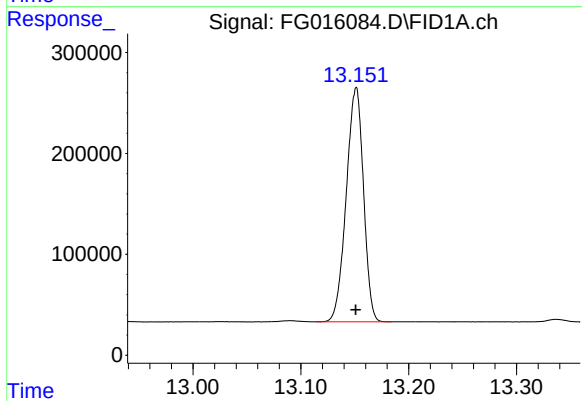
#10 Anthracene (C19.43)

R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 2563404
Conc: 20.00 ug/ml



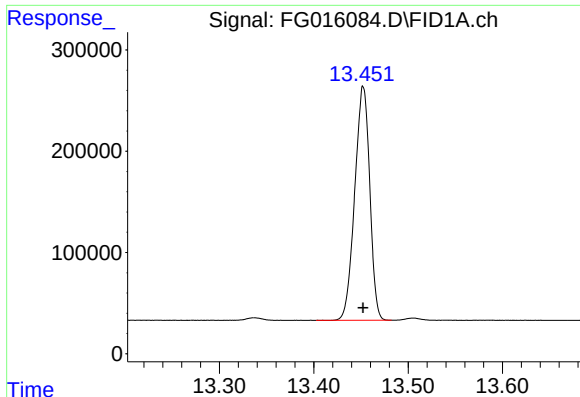
#11 ortho-Terphenyl (SURR)

R.T.: 12.093 min
Delta R.T.: 0.000 min
Response: 2610853
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

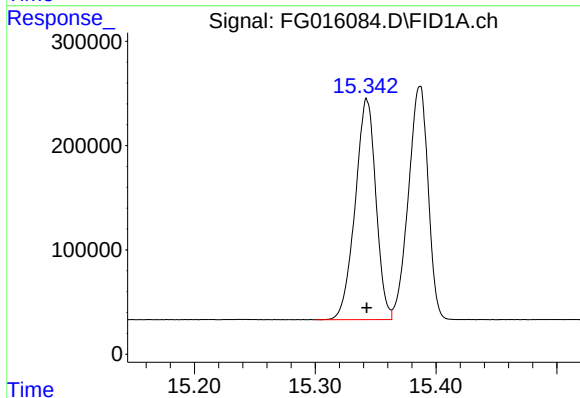
R.T.: 13.151 min
Delta R.T.: 0.000 min
Response: 2577160
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

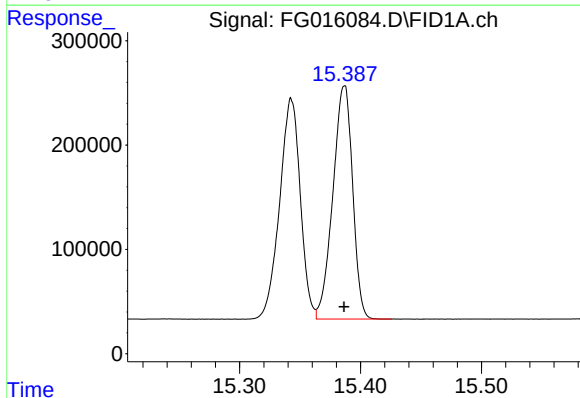
R.T.: 13.452 min
Delta R.T.: 0.000 min
Response: 2552904
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



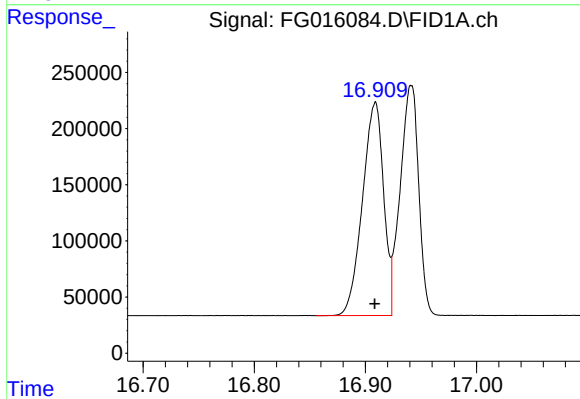
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.343 min
Delta R.T.: 0.000 min
Response: 2519359
Conc: 20.00 ug/ml



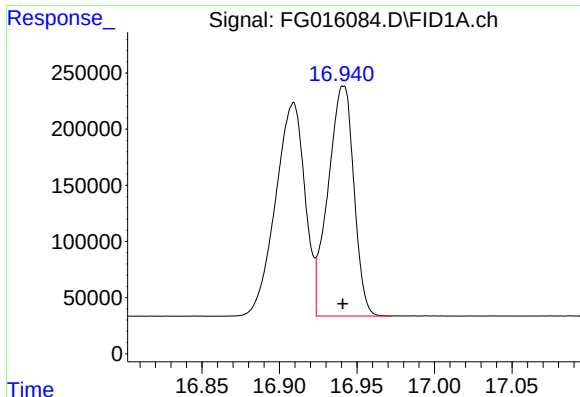
#15 Chrysene (C27.41)

R.T.: 15.386 min
Delta R.T.: 0.000 min
Response: 2540395
Conc: 20.00 ug/ml



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

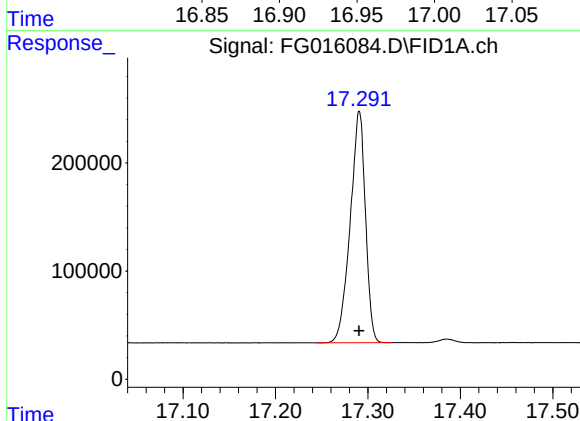
R.T.: 16.909 min
Delta R.T.: 0.000 min
Response: 2514982
Conc: 20.00 ug/ml



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

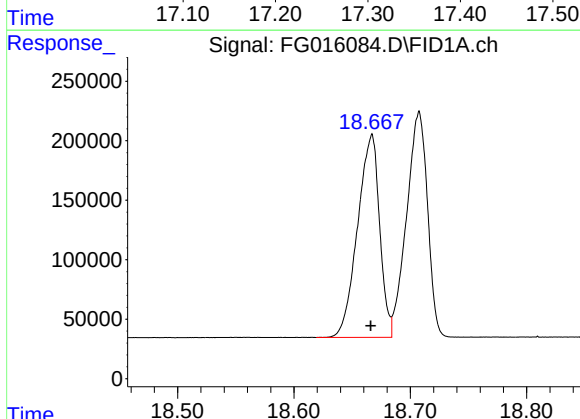
R.T.: 16.941 min
Delta R.T.: 0.000 min
Response: 2370294
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



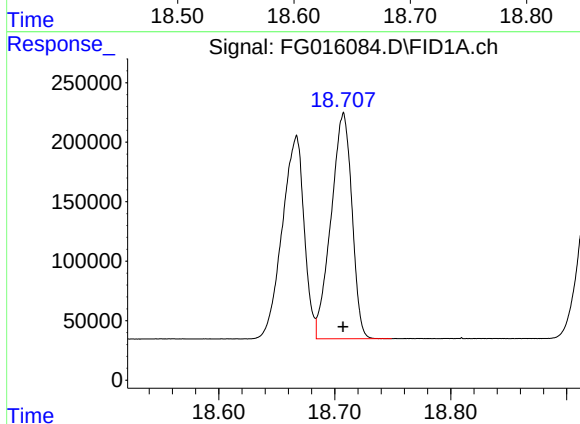
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.291 min
Delta R.T.: 0.000 min
Response: 2454086
Conc: 20.00 ug/ml



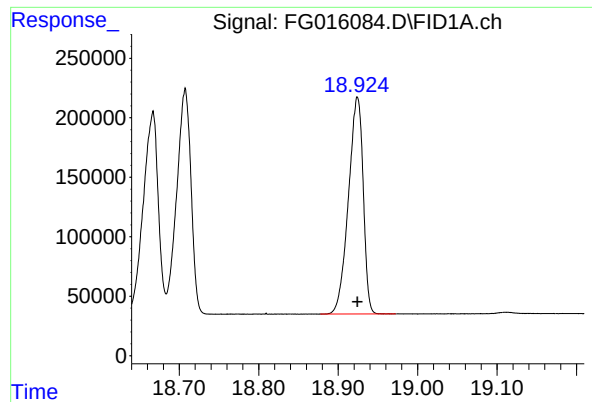
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.666 min
Delta R.T.: 0.000 min
Response: 2241109
Conc: 20.00 ug/ml



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

R.T.: 18.707 min
Delta R.T.: 0.000 min
Response: 2371705
Conc: 20.00 ug/ml



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

R.T.: 18.924 min
Delta R.T.: 0.000 min
Response: 2351384
Conc: 20.00 ug/ml

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