

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AR\
 Data File : FG016741.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 15:50
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 01:45:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 01:39:10 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...	8.085	2283946	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.968	1434911	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	12.048	2817510	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.671	2629074	20.000 ug/ml
2) T Naphthalene (C11.7)	6.353	2739559	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.456	2646100	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.766	2533125	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.067	2737050	20.000 ug/ml
8) T Flouorene (C16.55)	9.863	2626432	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.279	2531733	20.000 ug/ml
10) T Anthracene (C19.43)	11.355	2852543	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.111	2721170	20.000 ug/ml
13) T Pyrene (C20.8)	13.412	2746529	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.306	2286036	20.000 ug/ml
15) T Chrysene (C27.41)	15.348	2837759	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.875	2164675	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.905	2746117	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.260	2304654	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.641	1479293	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.678	2945405	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.896	2202731	20.000 ug/ml

(f)=RT Delta > 1/2 Window

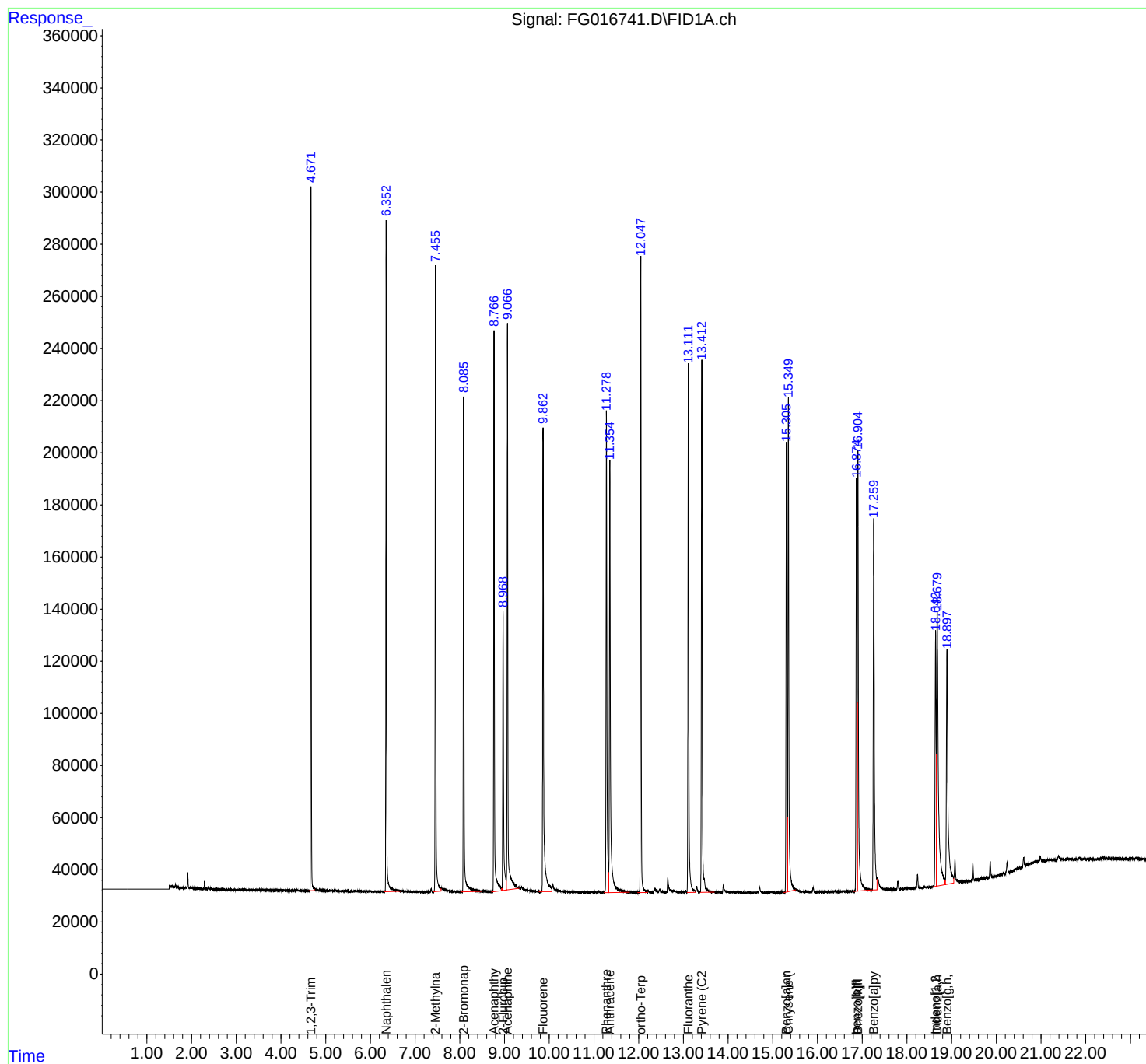
(m)=manual int.

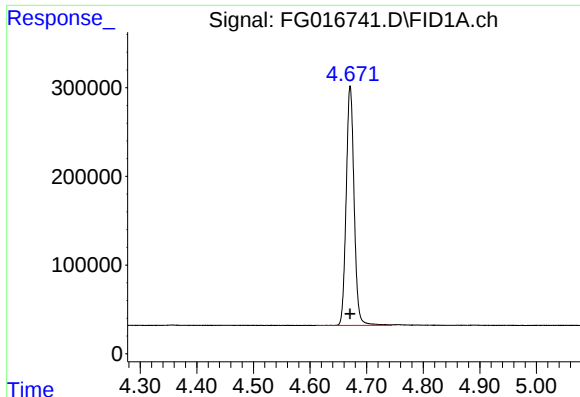
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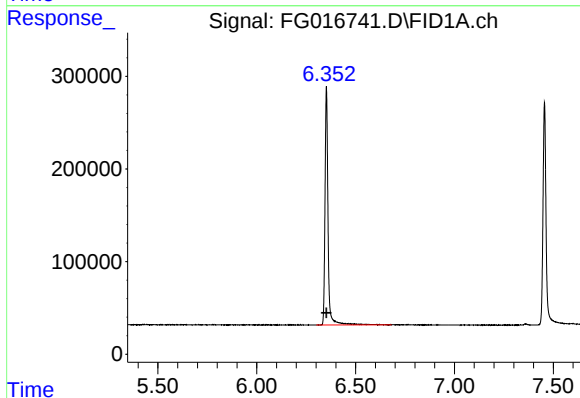




#1 1,2,3-Trimethylbenzene (C10.1)

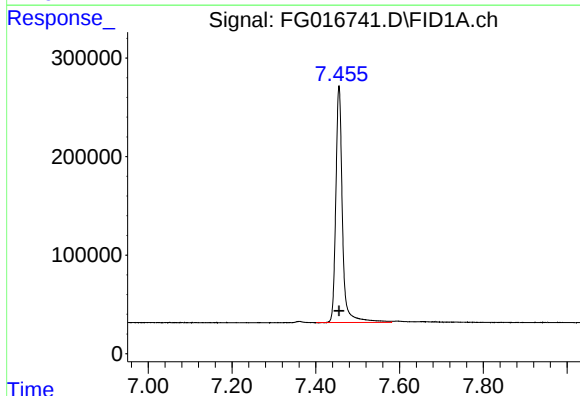
R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 2629074
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



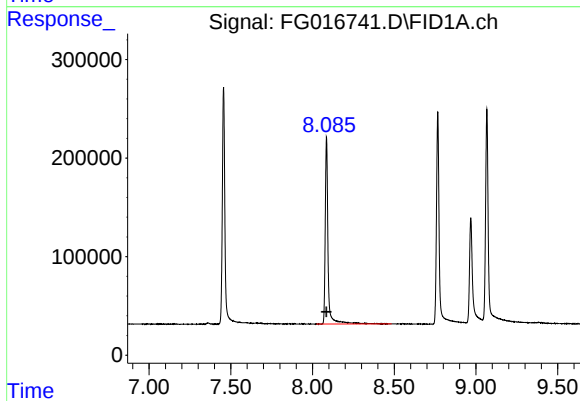
#2 Naphthalene (C11.7)

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2739559
Conc: 20.00 ug/ml



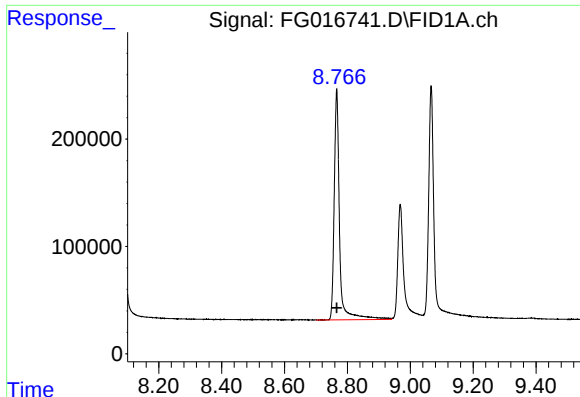
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 2646100
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

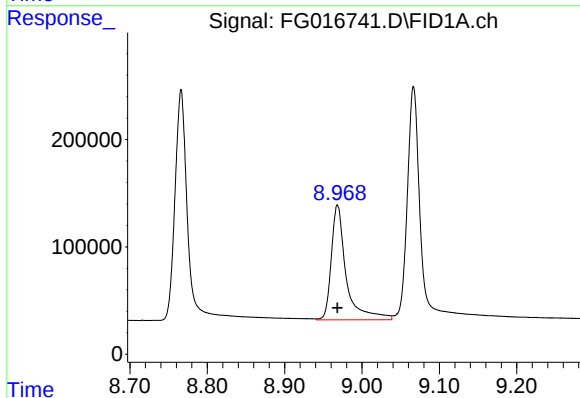
R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 2283946
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

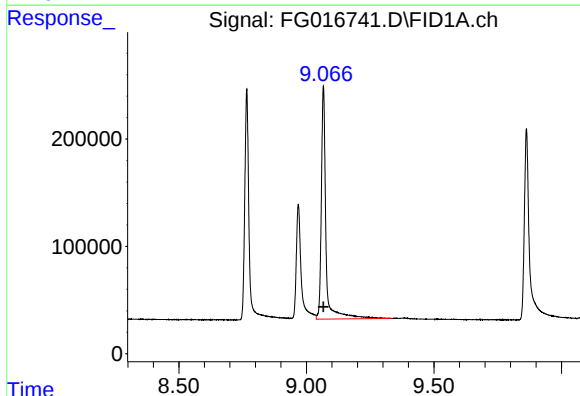
R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 2533125
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



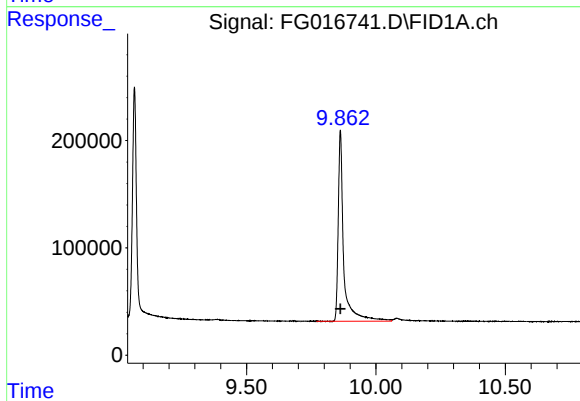
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 1434911
Conc: 20.00 ug/ml



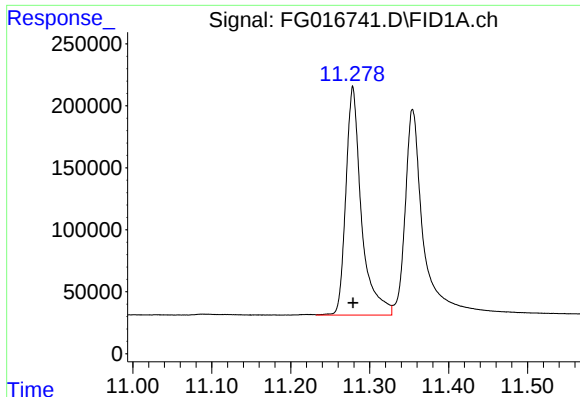
#7 Acenaphthene (C15.5)

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 2737050
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

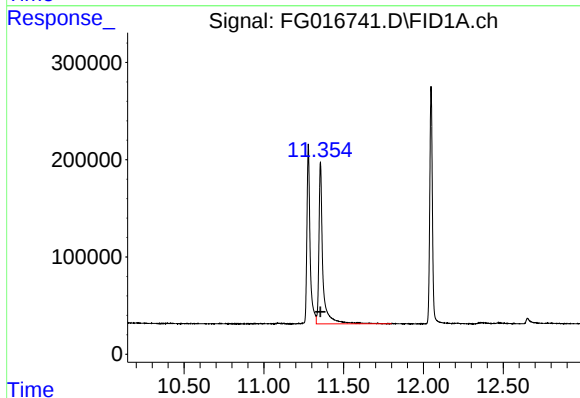
R.T.: 9.863 min
Delta R.T.: 0.000 min
Response: 2626432
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

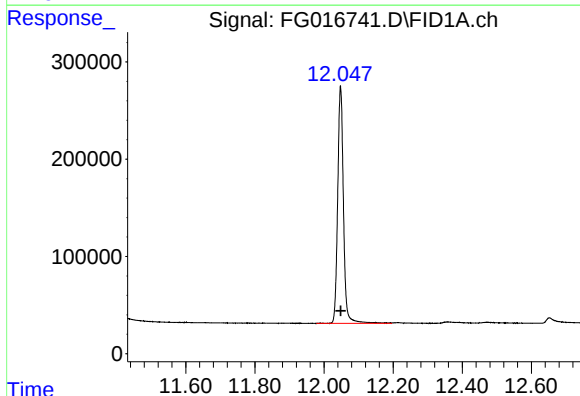
R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 2531733
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



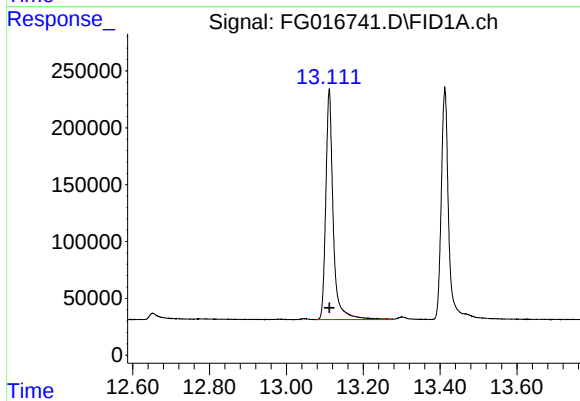
#10 Anthracene (C19.43)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 2852543
Conc: 20.00 ug/ml



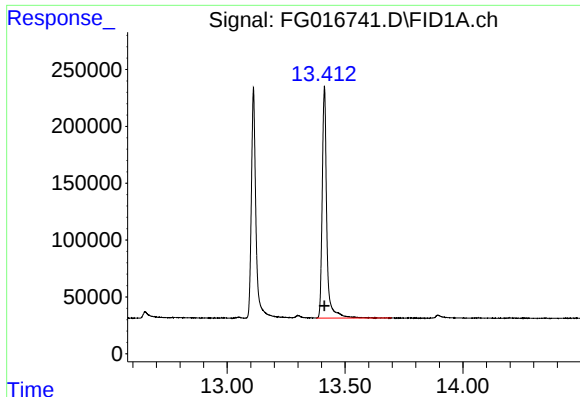
#11 ortho-Terphenyl (SURR)

R.T.: 12.048 min
Delta R.T.: 0.000 min
Response: 2817510
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

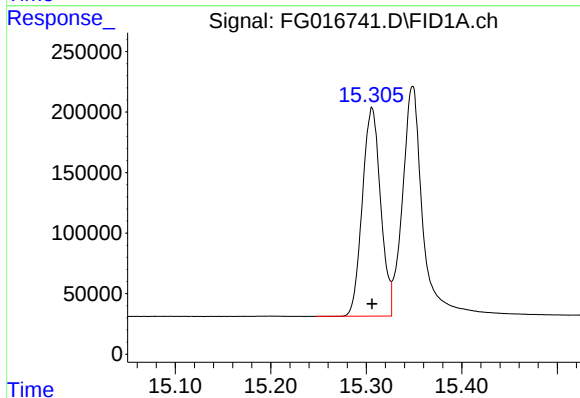
R.T.: 13.111 min
Delta R.T.: 0.000 min
Response: 2721170
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

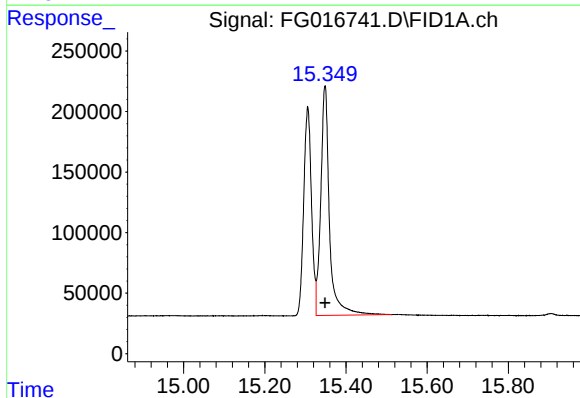
R.T.: 13.412 min
Delta R.T.: 0.000 min
Response: 2746529
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



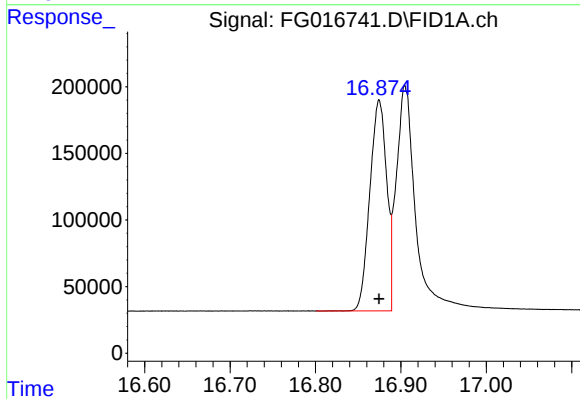
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.306 min
Delta R.T.: 0.000 min
Response: 2286036
Conc: 20.00 ug/ml



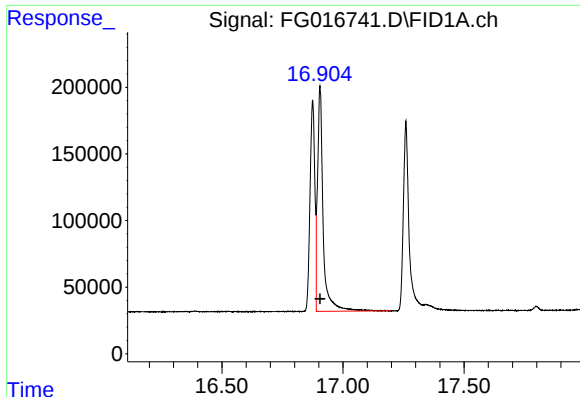
#15 Chrysene (C27.41)

R.T.: 15.348 min
Delta R.T.: 0.000 min
Response: 2837759
Conc: 20.00 ug/ml



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

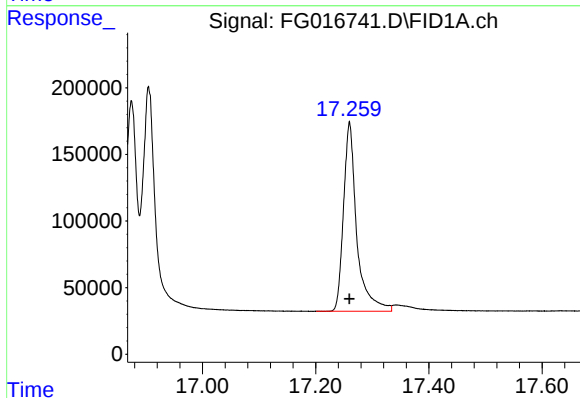
R.T.: 16.875 min
Delta R.T.: 0.000 min
Response: 2164675
Conc: 20.00 ug/ml



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

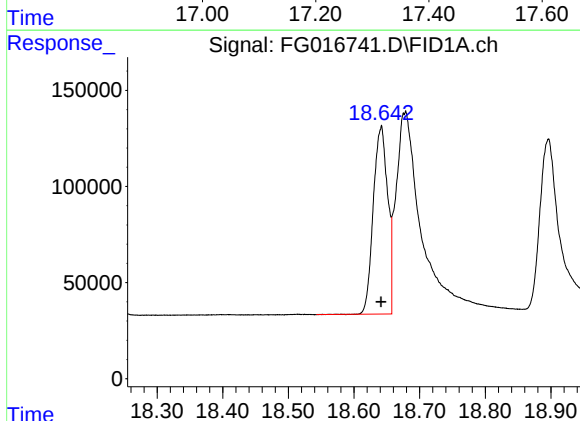
R.T.: 16.905 min
Delta R.T.: 0.000 min
Response: 2746117
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



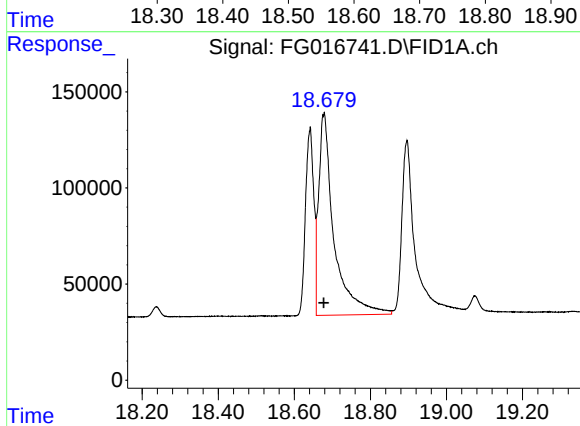
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 2304654
Conc: 20.00 ug/ml



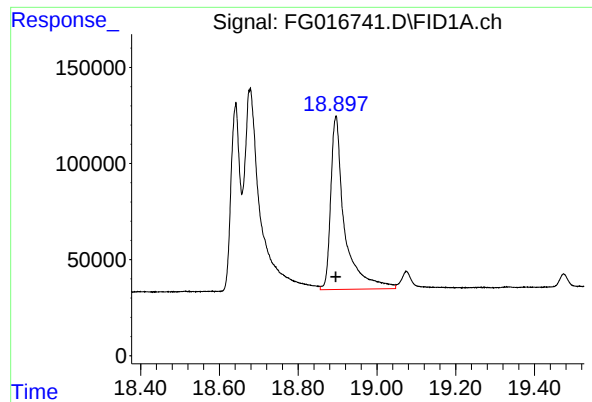
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.641 min
Delta R.T.: 0.000 min
Response: 1479293
Conc: 20.00 ug/ml



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

R.T.: 18.678 min
Delta R.T.: 0.000 min
Response: 2945405
Conc: 20.00 ug/ml



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

R.T.: 18.896 min
Delta R.T.: 0.000 min
Response: 2202731
Conc: 20.00 ug/ml

Instrument :

FID_G

ClientSampleId :