

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092925AR\
 Data File : FF016480.D
 Signal(s) : FID2B.ch
 Acq On : 29 Sep 2025 21:32
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 01:07:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 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...	8.024	2130945	17.011 ug/ml
Spiked Amount 50.000		Recovery =	34.02%
6) S 2-Fluorobiphenyl (SURR)	8.900	1440587	17.081 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.16%
11) S ortho-Terphenyl (SURR)	11.967	2527373	16.579 ug/ml
Spiked Amount 50.000		Recovery =	33.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.619	2426330	17.212 ug/ml
2) T Naphthalene (C11.7)	6.295	2482490	17.041 ug/ml
3) T 2-Methylnaphthalene (...)	7.395	2528800	17.177 ug/ml
5) T Acenaphthylene (C15.06)	8.700	2457862	16.960 ug/ml
7) T Acenaphthene (C15.5)	9.000	2474469	17.253 ug/ml
8) T Flouorene (C16.55)	9.789	2448925	16.952 ug/ml
9) T Phenanthrene (C19.36)	11.197	2412162	16.538 ug/ml
10) T Anthracene (C19.43)	11.272	2406503	16.820 ug/ml
12) T Fluoranthene (C21.85)	13.020	2372504	16.245 ug/ml
13) T Pyrene (C20.8)	13.318	2282975	15.931 ug/ml
14) T Benzo[a]anthracene (C...	15.201	2137690	15.704 ug/ml
15) T Chrysene (C27.41)	15.243	2260586	15.847 ug/ml
16) T benzo[b]fluoranthene ...	16.762	2107782	16.041 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	2086058	16.573 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	2096215	16.417 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1885239	16.532 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	2189977	16.775 ug/ml
21) T Benzo[g,h,i]perylene ...	18.772	2100859	17.061 ug/ml

(f)=RT Delta > 1/2 Window

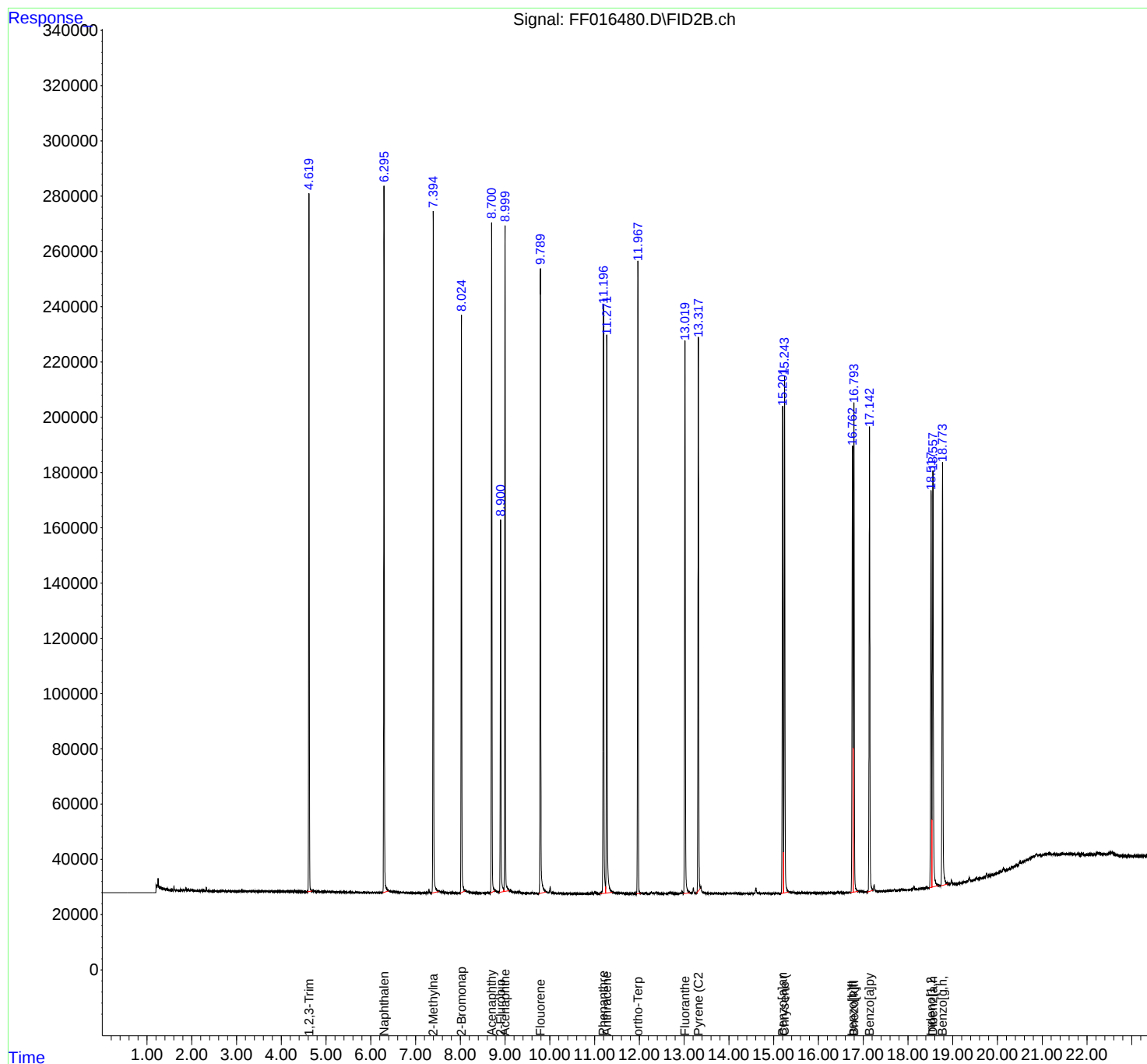
(m)=manual int.

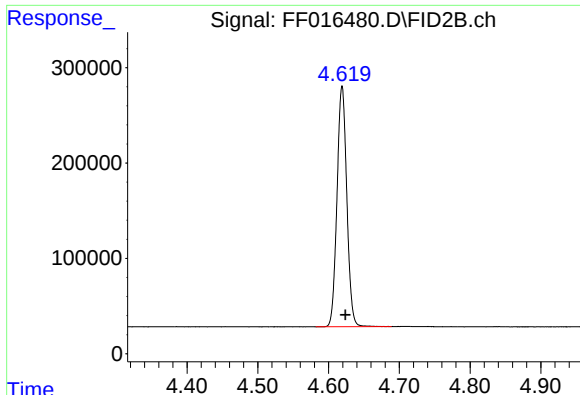
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092925AR\
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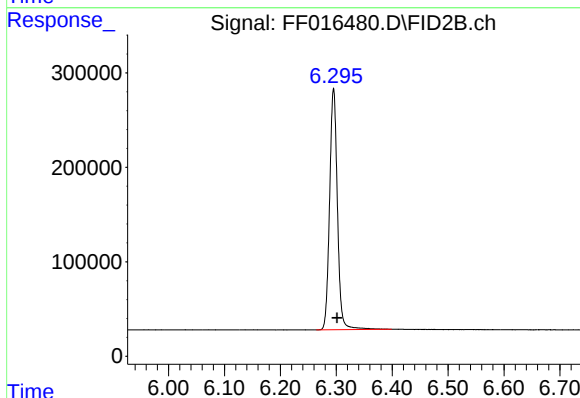




#1 1,2,3-Trimethylbenzene (C10.1)

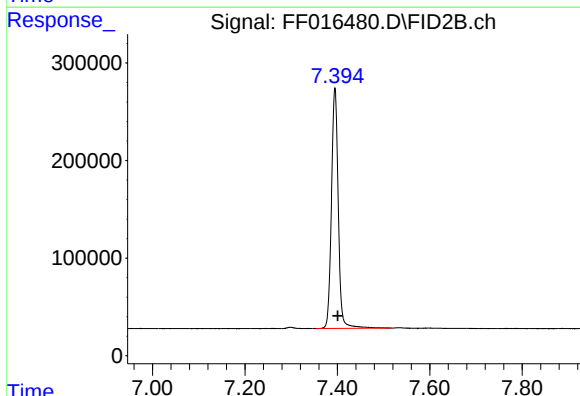
R.T.: 4.619 min
Delta R.T.: -0.005 min
Response: 2426330
Conc: 17.21 ug/ml

Instrument :
FID_E
ClientSampleId :



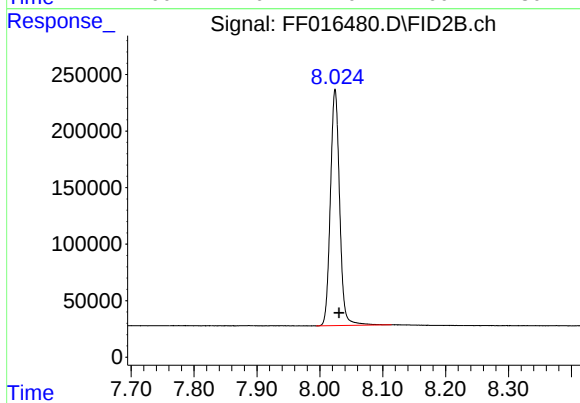
#2 Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.006 min
Response: 2482490
Conc: 17.04 ug/ml



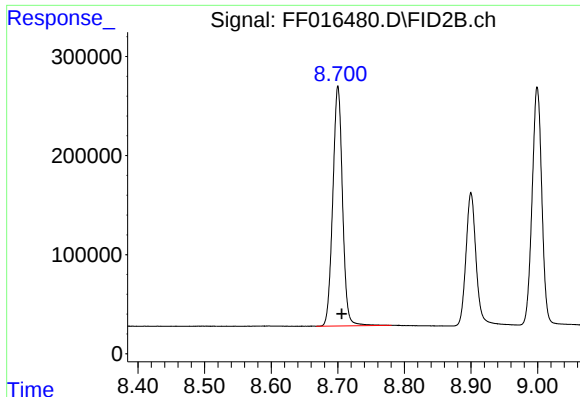
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.395 min
Delta R.T.: -0.006 min
Response: 2528800
Conc: 17.18 ug/ml



#4 2-Bromonaphthalene (SURR)

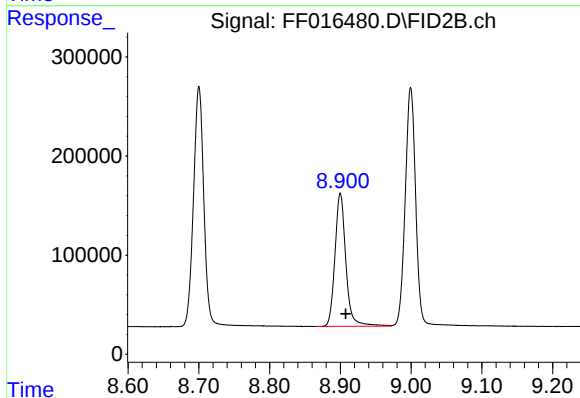
R.T.: 8.024 min
Delta R.T.: -0.006 min
Response: 2130945
Conc: 17.01 ug/ml



#5 Acenaphthylene (C15.06)

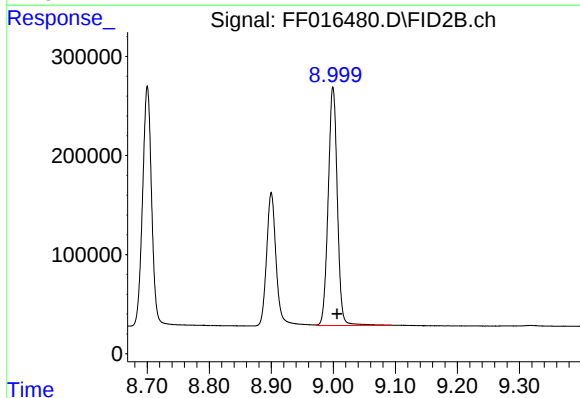
R.T.: 8.700 min
Delta R.T.: -0.006 min
Response: 2457862
Conc: 16.96 ug/ml

Instrument :
FID_E
ClientSampleId :



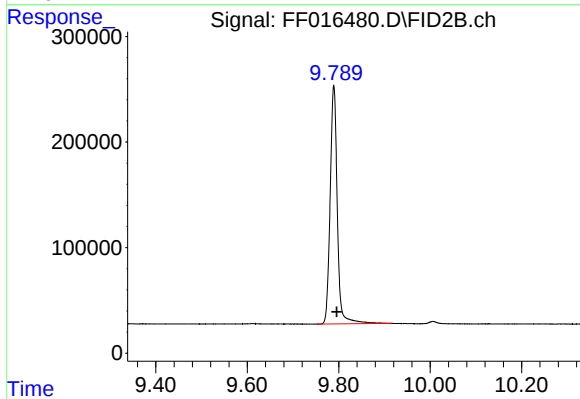
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.900 min
Delta R.T.: -0.007 min
Response: 1440587
Conc: 17.08 ug/ml



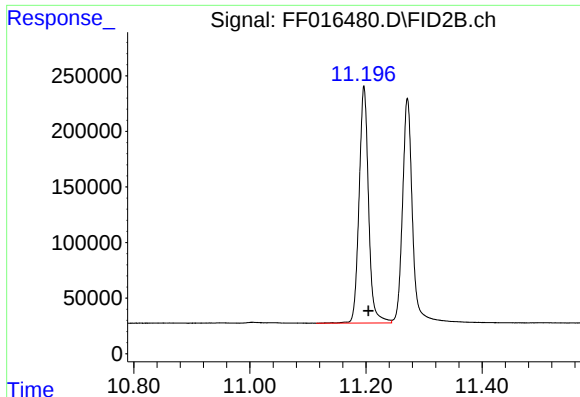
#7 Acenaphthene (C15.5)

R.T.: 9.000 min
Delta R.T.: -0.006 min
Response: 2474469
Conc: 17.25 ug/ml



#8 Flouorene (C16.55)

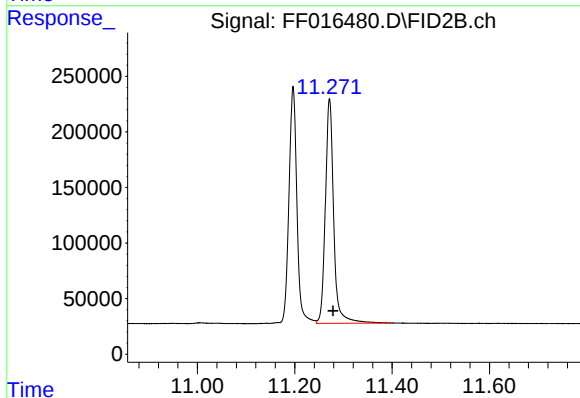
R.T.: 9.789 min
Delta R.T.: -0.007 min
Response: 2448925
Conc: 16.95 ug/ml



#9 Phenanthrene (C19.36)

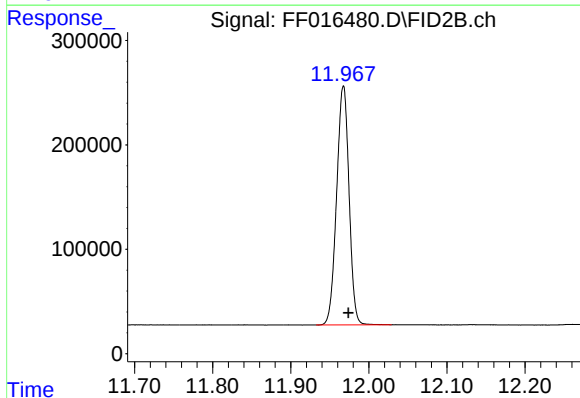
R.T.: 11.197 min
Delta R.T.: -0.007 min
Response: 2412162
Conc: 16.54 ug/ml

Instrument :
FID_E
ClientSampleId :



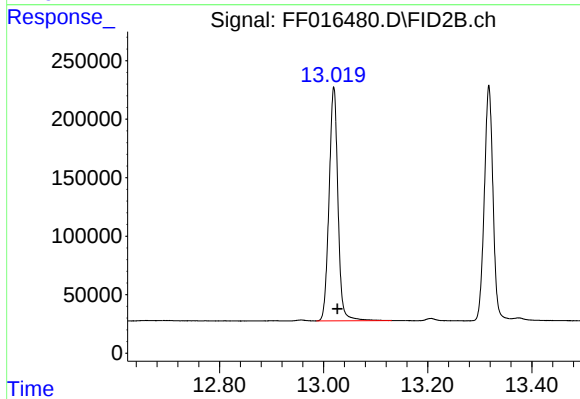
#10 Anthracene (C19.43)

R.T.: 11.272 min
Delta R.T.: -0.007 min
Response: 2406503
Conc: 16.82 ug/ml



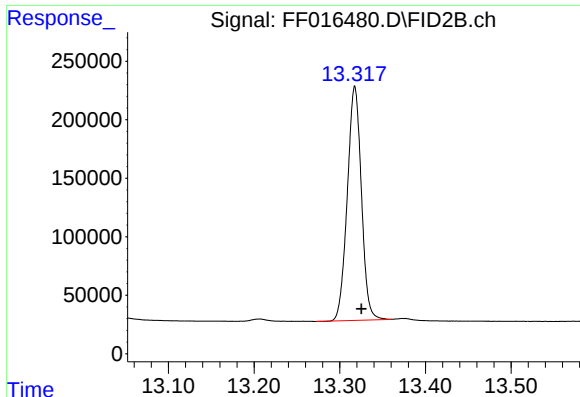
#11 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.006 min
Response: 2527373
Conc: 16.58 ug/ml



#12 Fluoranthene (C21.85)

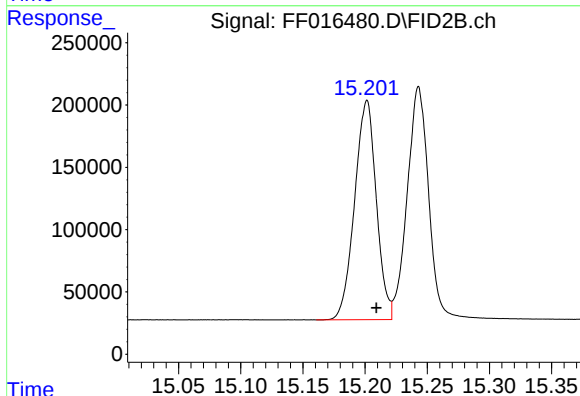
R.T.: 13.020 min
Delta R.T.: -0.007 min
Response: 2372504
Conc: 16.24 ug/ml



#13 Pyrene (C20.8)

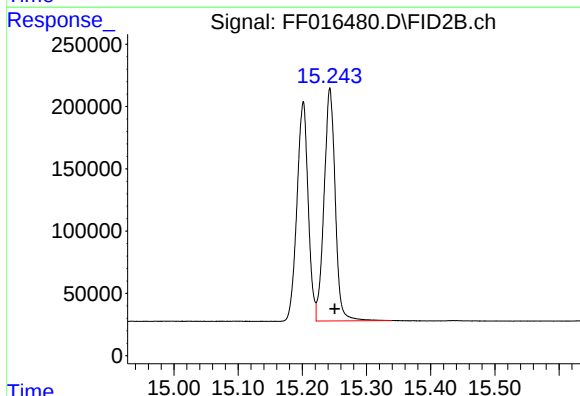
R.T.: 13.318 min
Delta R.T.: -0.008 min
Response: 2282975
Conc: 15.93 ug/ml

Instrument :
FID_E
ClientSampleId :



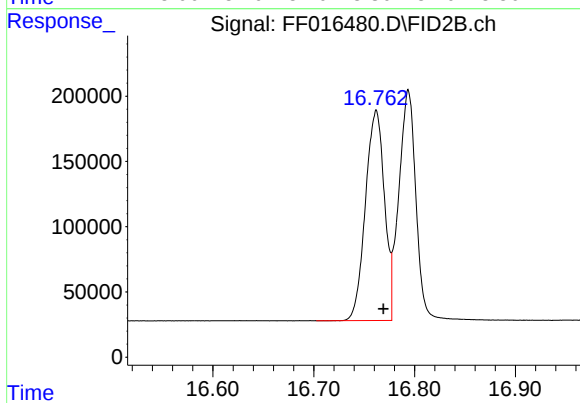
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.201 min
Delta R.T.: -0.008 min
Response: 2137690
Conc: 15.70 ug/ml



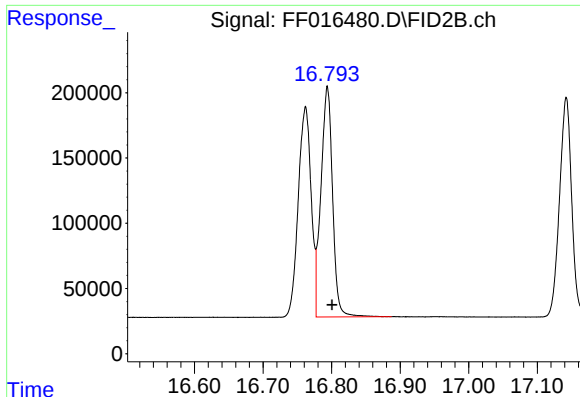
#15 Chrysene (C27.41)

R.T.: 15.243 min
Delta R.T.: -0.007 min
Response: 2260586
Conc: 15.85 ug/ml



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

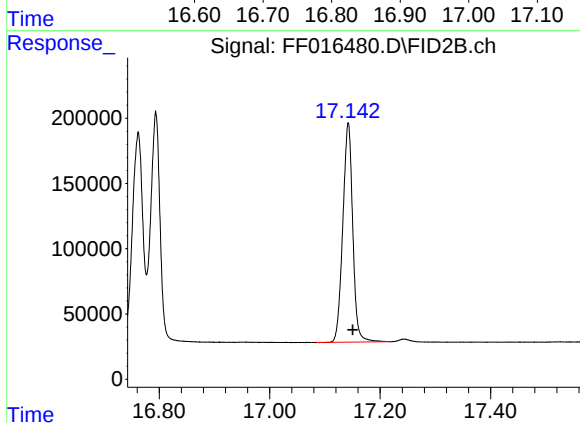
R.T.: 16.762 min
Delta R.T.: -0.007 min
Response: 2107782
Conc: 16.04 ug/ml



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

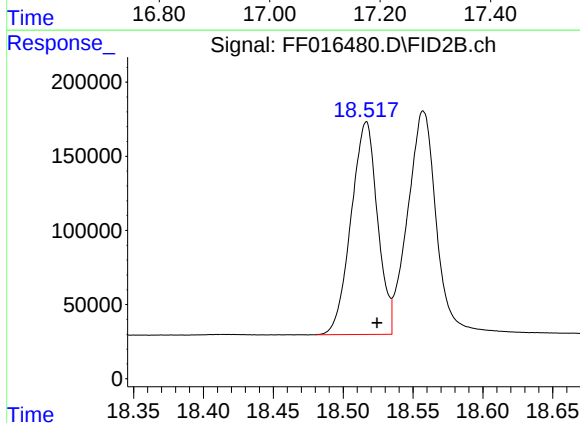
R.T.: 16.794 min
Delta R.T.: -0.007 min
Response: 2086058
Conc: 16.57 ug/ml

Instrument :
FID_E
ClientSampleId :



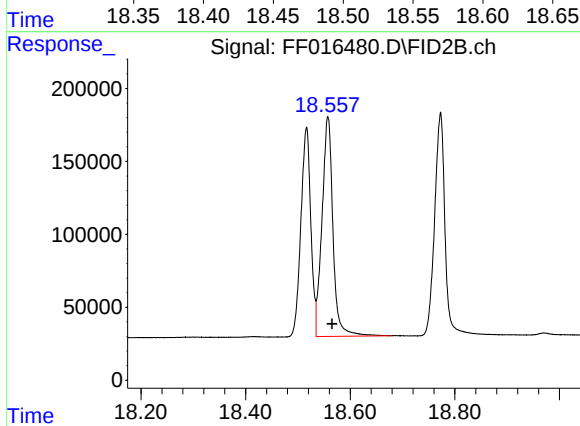
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.142 min
Delta R.T.: -0.008 min
Response: 2096215
Conc: 16.42 ug/ml



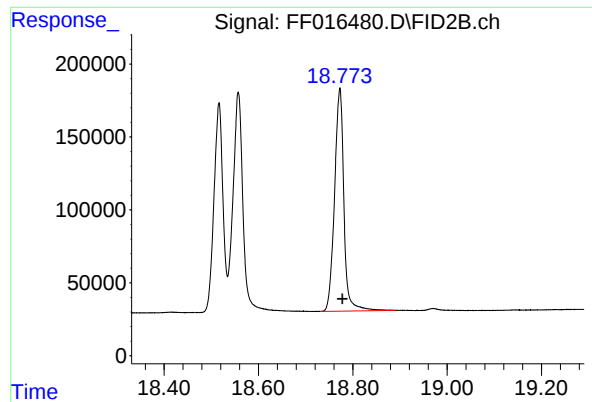
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: -0.008 min
Response: 1885239
Conc: 16.53 ug/ml



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

R.T.: 18.557 min
Delta R.T.: -0.008 min
Response: 2189977
Conc: 16.77 ug/ml



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

R.T.: 18.772 min
Delta R.T.: -0.006 min
Response: 2100859
Conc: 17.06 ug/ml

Instrument :
FID_E
ClientSampleId :