

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092925AR\
 Data File : FF016478.D
 Signal(s) : FID2B.ch
 Acq On : 29 Sep 2025 20:33
 Operator : YP\AJ
 Sample : Q3179-03MSD
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 EME-TS14-01MSD

Integration File: autoint1.e
 Quant Time: Sep 30 01:06:41 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...	8.027	6177103	49.312 ug/ml
Spiked Amount 50.000		Recovery =	98.62%
6) S 2-Fluorobiphenyl (SURR)	8.903	3780657	44.827 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.65%
11) S ortho-Terphenyl (SURR)	11.971	7387930	48.462 ug/ml
Spiked Amount 50.000		Recovery =	96.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.621	6523757	46.280 ug/ml
2) T Naphthalene (C11.7)	6.298	7439663	51.068 ug/ml
3) T 2-Methylnaphthalene (...)	7.398	7144507	48.529 ug/ml
5) T Acenaphthylene (C15.06)	8.705	7976442	55.041 ug/ml
7) T Acenaphthene (C15.5)	9.006	8085770	56.379 ug/ml
8) T Flouorene (C16.55)	9.796	8201591	56.773 ug/ml
9) T Phenanthrene (C19.36)	11.203	8133608	55.764 ug/ml
10) T Anthracene (C19.43)	11.280	8088666	56.536 ug/ml
12) T Fluoranthene (C21.85)	13.028	7912752	54.179 ug/ml
13) T Pyrene (C20.8)	13.328	7861443	54.859 ug/ml
14) T Benzo[a]anthracene (C...	15.212	7393494	54.315 ug/ml
15) T Chrysene (C27.41)	15.257	8048520	56.422 ug/ml
16) T benzo[b]fluoranthene ...	16.774	7026231	53.472 ug/ml
17) T Bnezo[k]fluoranthene ...	16.810	6974796	55.413 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.156	6759084	52.934 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.533	7230058	63.400 ug/ml
20) T Dibenz[a,h]anthracene...	18.571	6691161	51.253 ug/ml
21) T Benzo[g,h,i]perylene ...	18.791	6530278	53.032 ug/ml

(f)=RT Delta > 1/2 Window

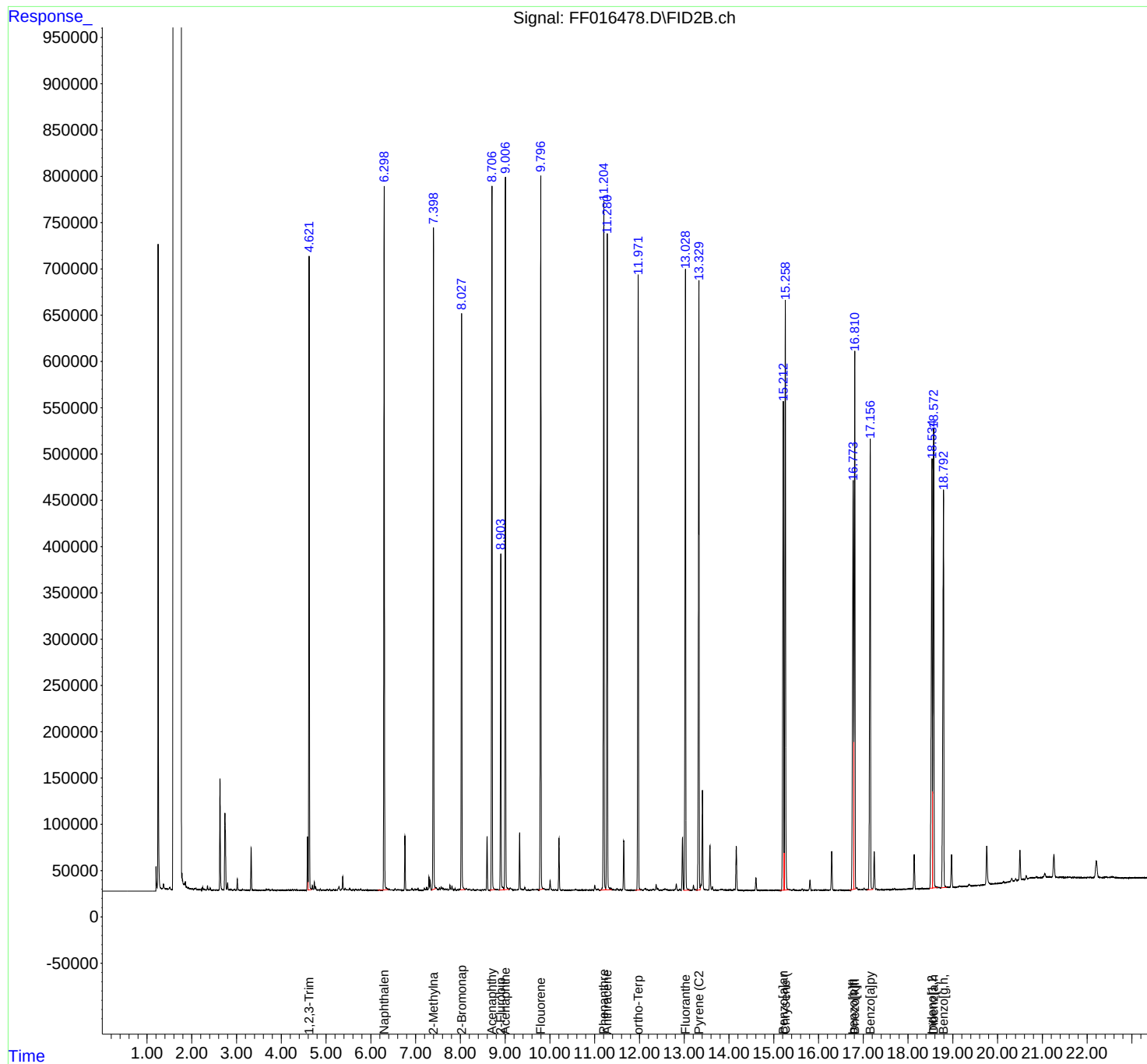
(m)=manual int.

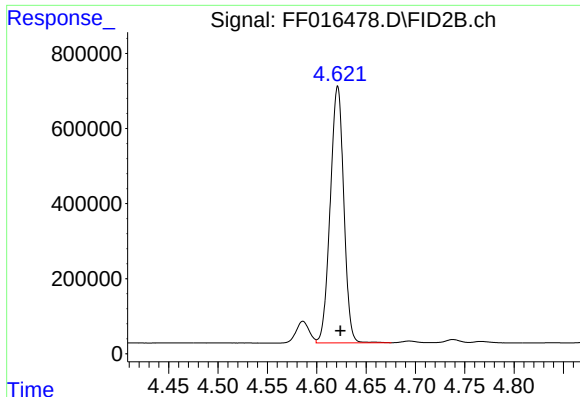
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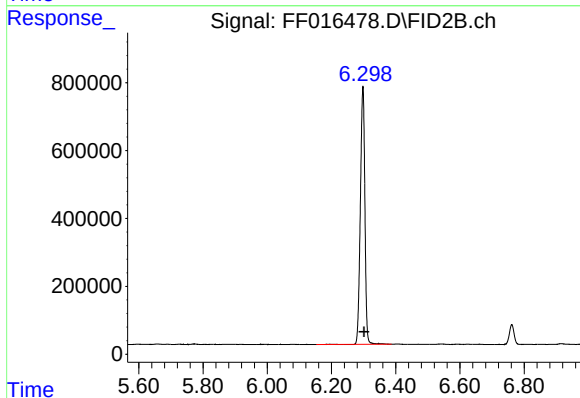




#1 1,2,3-Trimethylbenzene (C10.1)

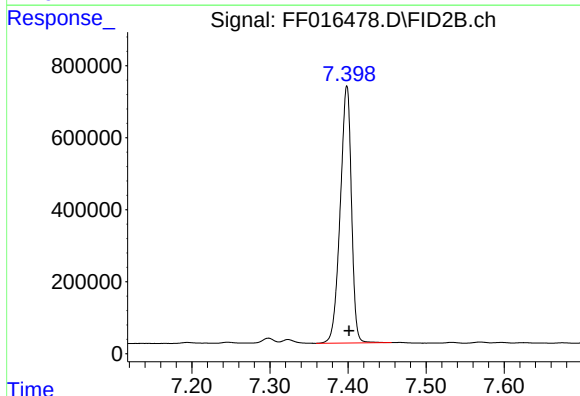
R.T.: 4.621 min
Delta R.T.: -0.003 min
Response: 6523757
Conc: 46.28 ug/ml

Instrument :
FID_F
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EME-TS14-01MSD



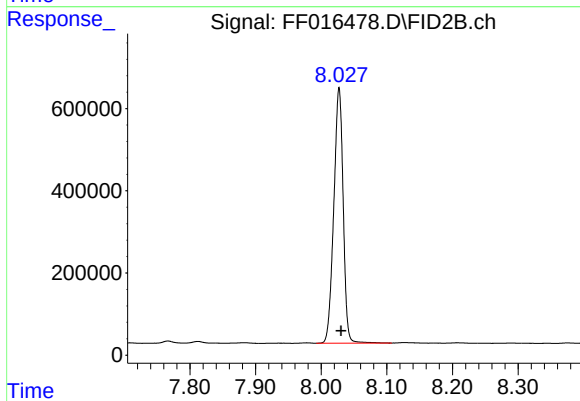
#2 Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 7439663
Conc: 51.07 ug/ml



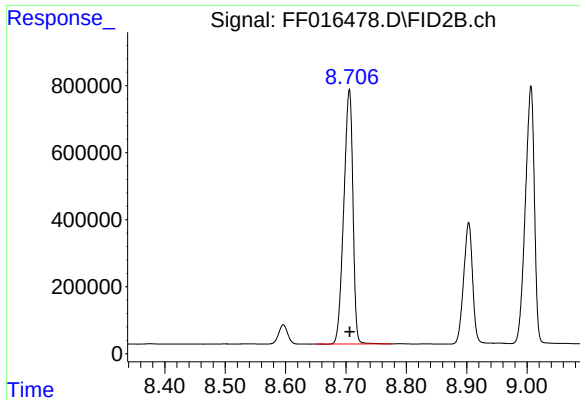
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.398 min
Delta R.T.: -0.003 min
Response: 7144507
Conc: 48.53 ug/ml



#4 2-Bromonaphthalene (SURR)

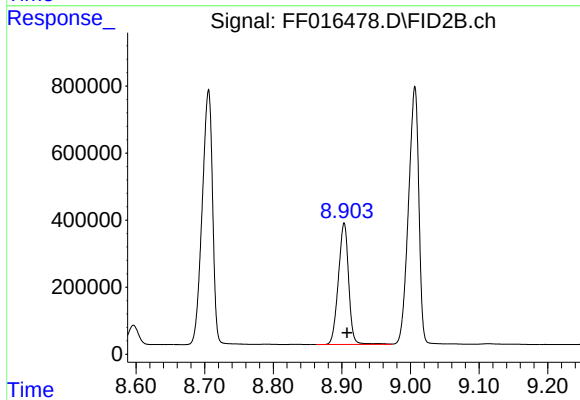
R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 6177103
Conc: 49.31 ug/ml



#5 Acenaphthylene (C15.06)

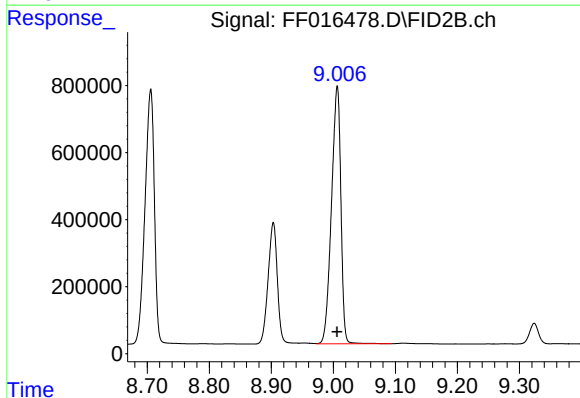
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 7976442
Conc: 55.04 ug/ml

Instrument :
FID_F
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EME-TS14-01MSD



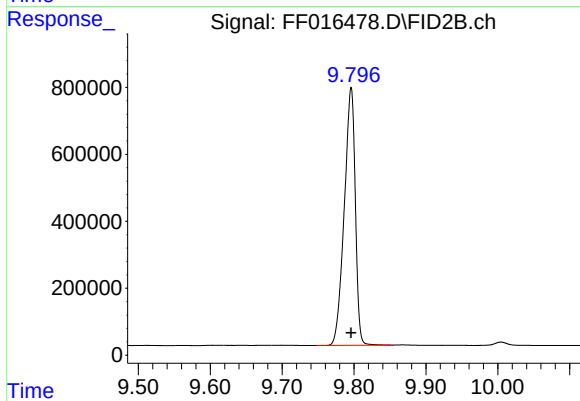
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.903 min
Delta R.T.: -0.004 min
Response: 3780657
Conc: 44.83 ug/ml



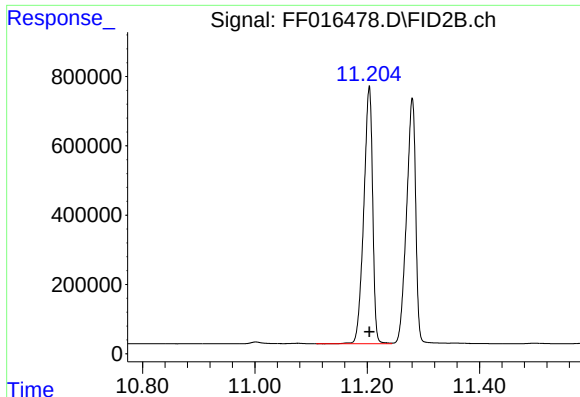
#7 Acenaphthene (C15.5)

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 8085770
Conc: 56.38 ug/ml



#8 Fluorene (C16.55)

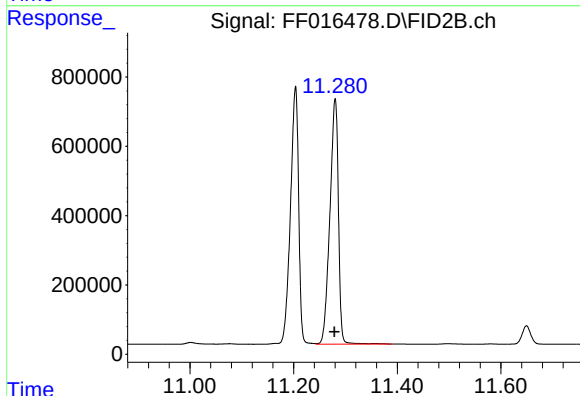
R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 8201591
Conc: 56.77 ug/ml



#9 Phenanthrene (C19.36)

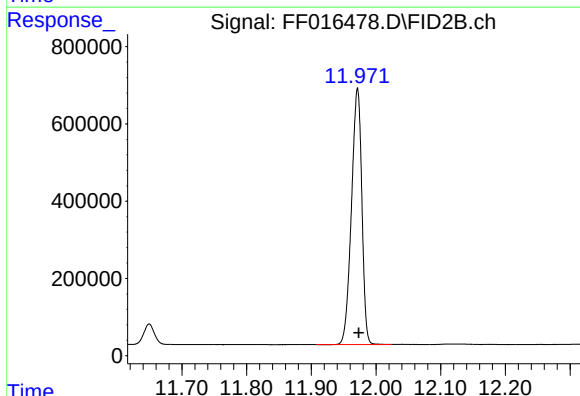
R.T.: 11.203 min
Delta R.T.: 0.000 min
Response: 8133608
Conc: 55.76 ug/ml

Instrument :
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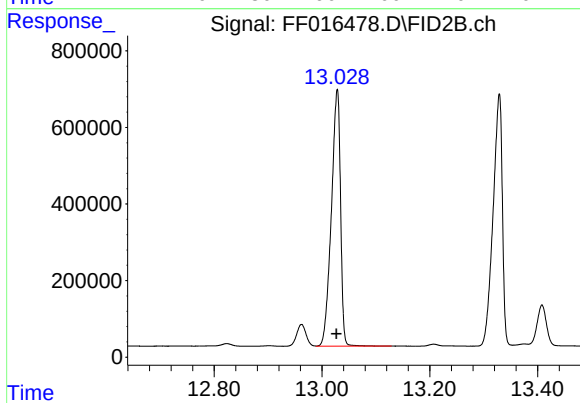
#10 Anthracene (C19.43)

R.T.: 11.280 min
Delta R.T.: 0.001 min
Response: 8088666
Conc: 56.54 ug/ml



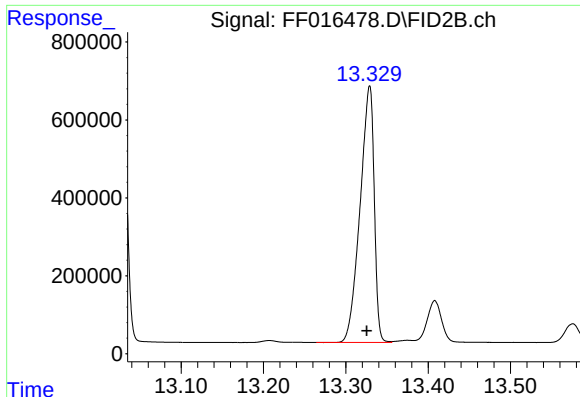
#11 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: -0.002 min
Response: 7387930
Conc: 48.46 ug/ml



#12 Fluoranthene (C21.85)

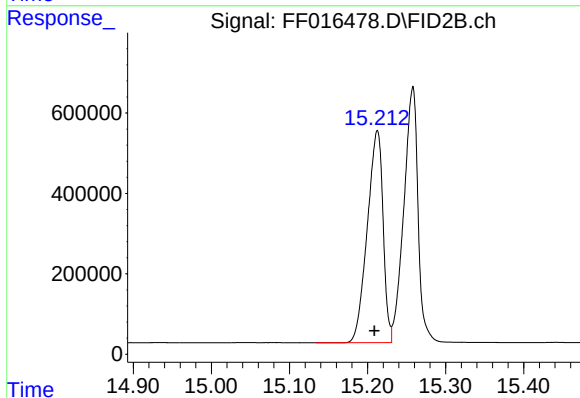
R.T.: 13.028 min
Delta R.T.: 0.001 min
Response: 7912752
Conc: 54.18 ug/ml



#13 Pyrene (C20.8)

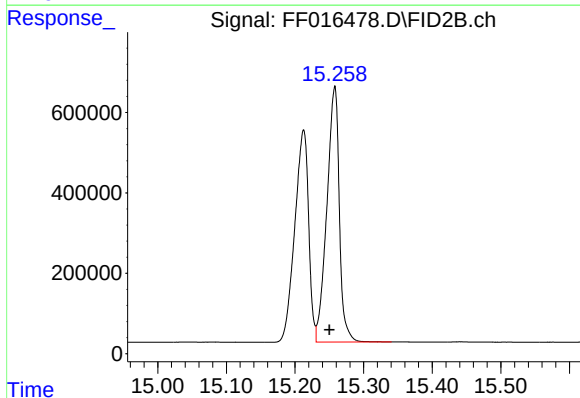
R.T.: 13.328 min
Delta R.T.: 0.003 min
Response: 7861443
Conc: 54.86 ug/ml

Instrument :
FID_F
ClientSampleId :
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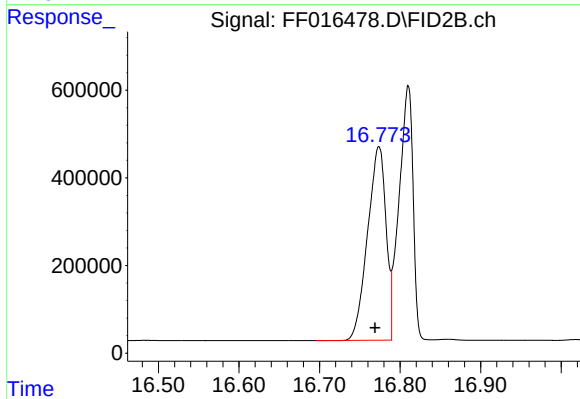
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.212 min
Delta R.T.: 0.003 min
Response: 7393494
Conc: 54.32 ug/ml



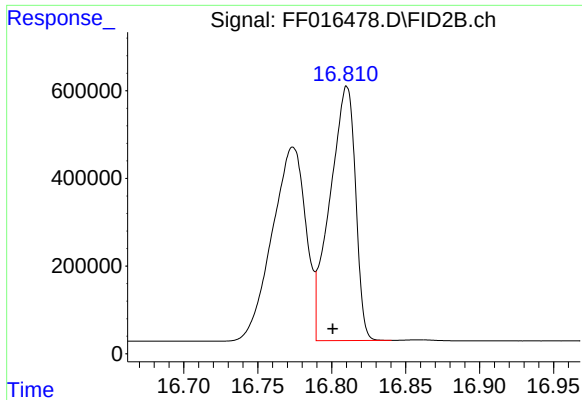
#15 Chrysene (C27.41)

R.T.: 15.257 min
Delta R.T.: 0.007 min
Response: 8048520
Conc: 56.42 ug/ml



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

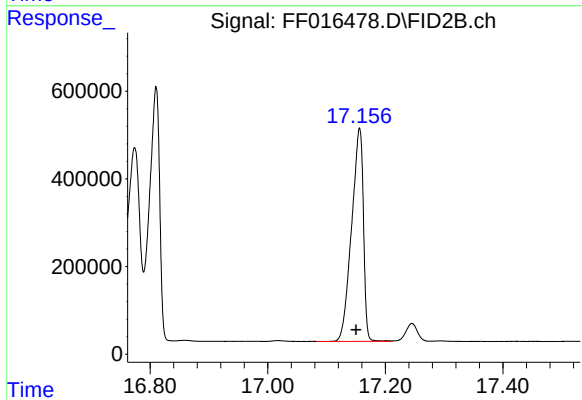
R.T.: 16.774 min
Delta R.T.: 0.005 min
Response: 7026231
Conc: 53.47 ug/ml



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

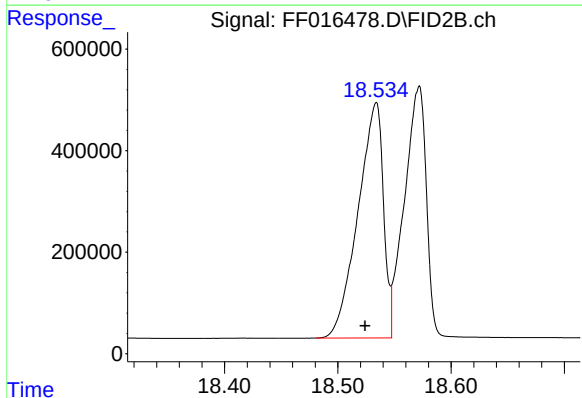
R.T.: 16.810 min
Delta R.T.: 0.009 min
Response: 6974796
Conc: 55.41 ug/ml

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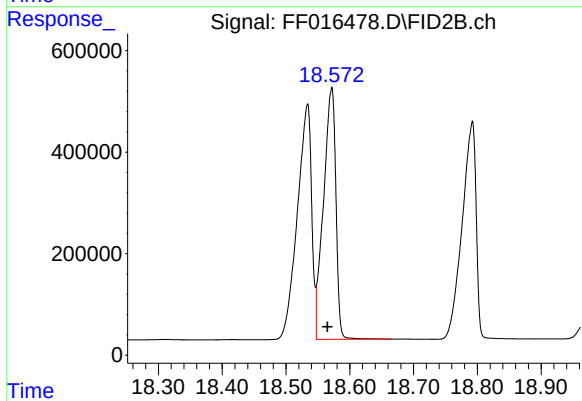
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.156 min
Delta R.T.: 0.006 min
Response: 6759084
Conc: 52.93 ug/ml



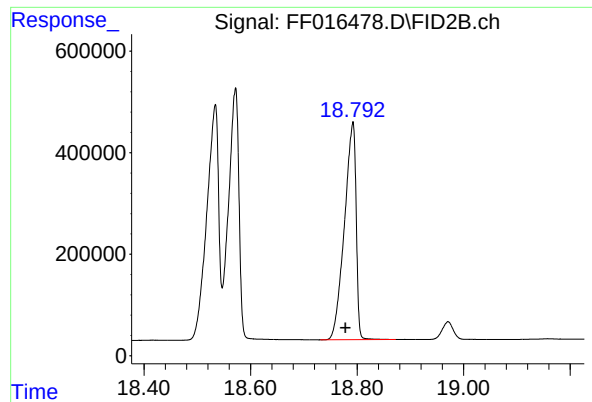
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.533 min
Delta R.T.: 0.009 min
Response: 7230058
Conc: 63.40 ug/ml



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

R.T.: 18.571 min
Delta R.T.: 0.006 min
Response: 6691161
Conc: 51.25 ug/ml



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

R.T.: 18.791 min
Delta R.T.: 0.013 min
Response: 6530278
Conc: 53.03 ug/ml

Instrument :

FID_F

ClientSampleId :

EME-TS14-01MSD