

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090425AR\
 Data File : FF016326.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 08:39
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 05 02:33:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 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...	8.030	2485257	20.789 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
6) S 2-Fluorobiphenyl (SURR)	8.905	1700107	20.530 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.06%
11) S ortho-Terphenyl (SURR)	11.973	2872444	19.806 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.625	2695562	20.801 ug/ml
2) T Naphthalene (C11.7)	6.300	2774269	20.280 ug/ml
3) T 2-Methylnaphthalene (...)	7.400	2747058	19.642 ug/ml
5) T Acenaphthylene (C15.06)	8.705	2825712	20.126 ug/ml
7) T Acenaphthene (C15.5)	9.004	2766884	19.741 ug/ml
8) T Flouorene (C16.55)	9.794	2802437	20.056 ug/ml
9) T Phenanthrene (C19.36)	11.201	2761852	19.587 ug/ml
10) T Anthracene (C19.43)	11.276	2481289	17.945 ug/ml
12) T Fluoranthene (C21.85)	13.023	2658952	18.850 ug/ml
13) T Pyrene (C20.8)	13.322	2724120	19.464 ug/ml
14) T Benzo[a]anthracene (C...	15.205	2550067	19.282 ug/ml
15) T Chrysene (C27.41)	15.247	2619536	19.217 ug/ml
16) T benzo[b]fluoranthene ...	16.765	2525489	19.379 ug/ml
17) T Bnezo[k]fluoranthene ...	16.797	2554188	20.417 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	2375317	18.587 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	2161839	18.924 ug/ml
20) T Dibenz[a,h]anthracene...	18.558	2469723	19.676 ug/ml
21) T Benzo[g,h,i]perylene ...	18.774	2383247	19.326 ug/ml

(f)=RT Delta > 1/2 Window

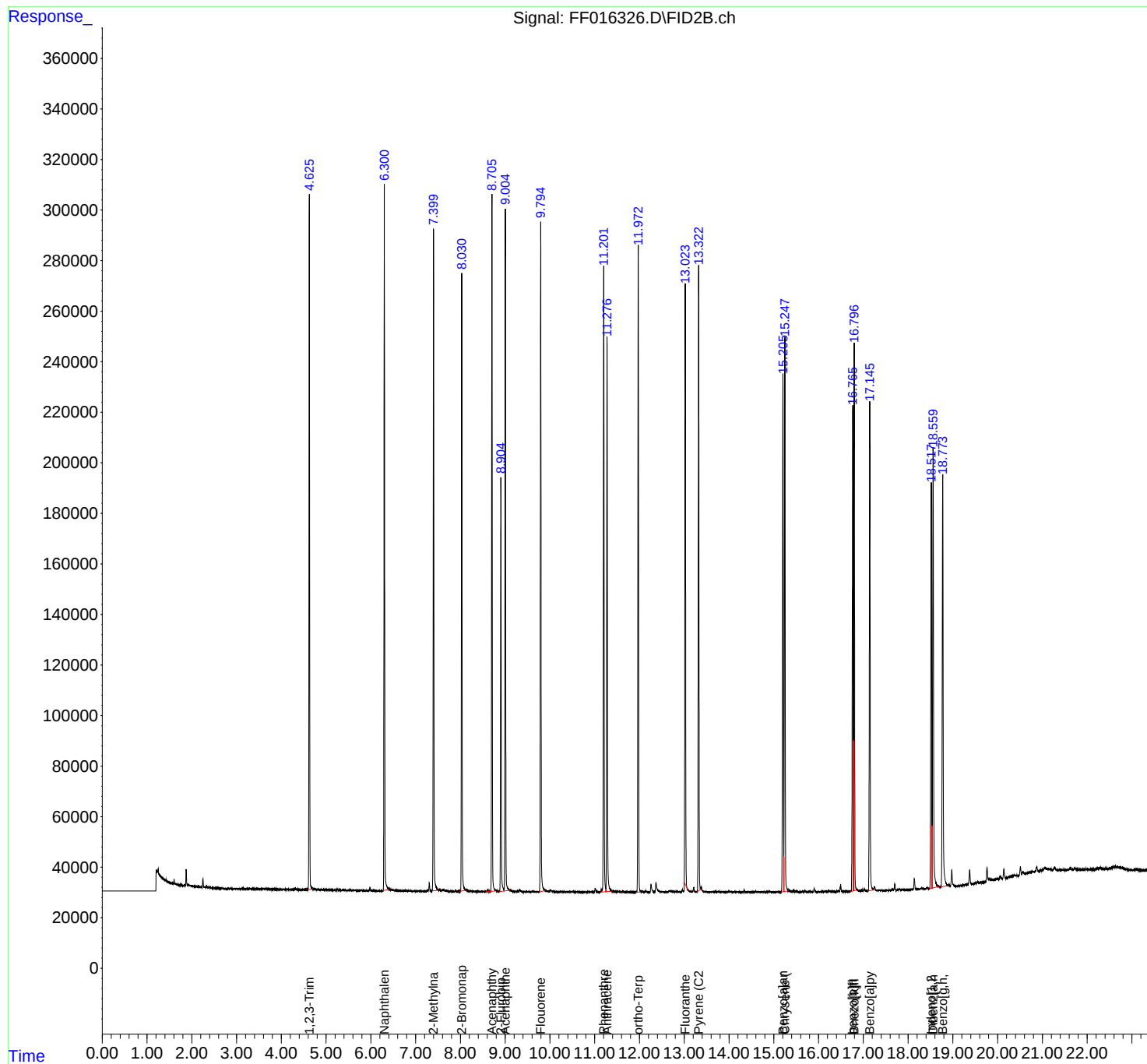
(m)=manual int.

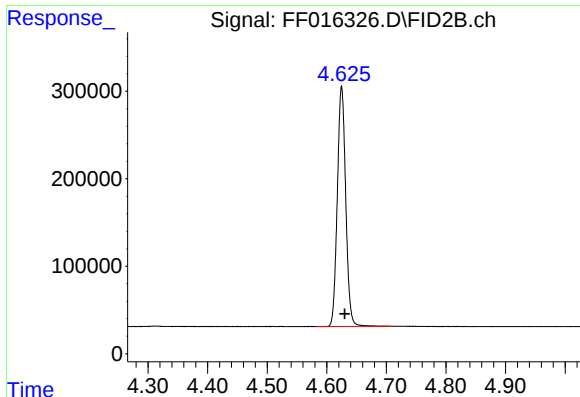
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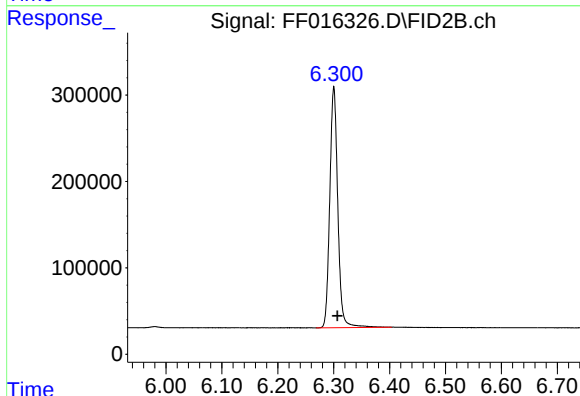




#1 1,2,3-Trimethylbenzene (C10.1)

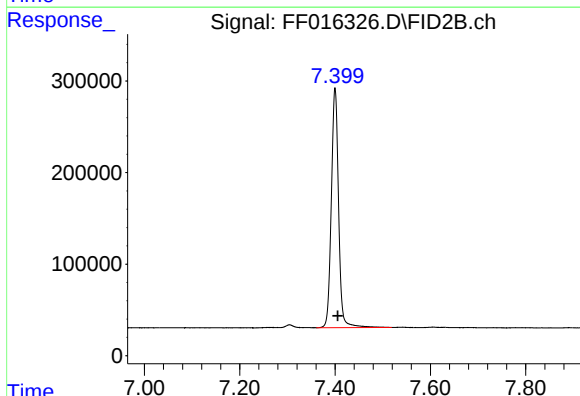
R.T.: 4.625 min
Delta R.T.: -0.005 min
Response: 2695562
Conc: 20.80 ug/ml

Instrument :
FID_E
ClientSampleId :



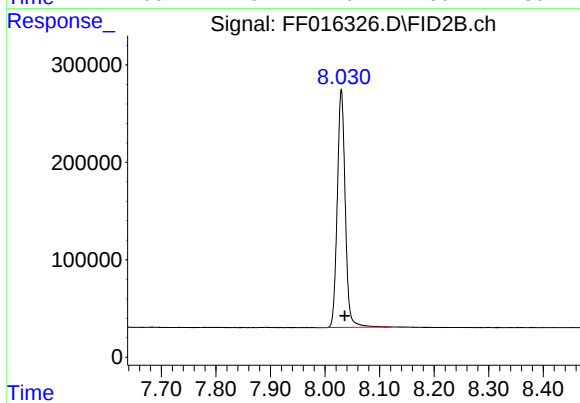
#2 Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.006 min
Response: 2774269
Conc: 20.28 ug/ml



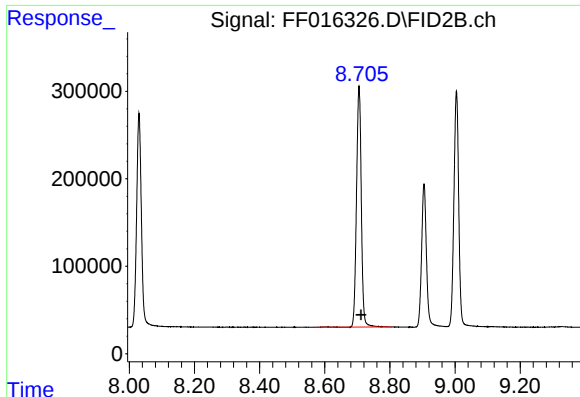
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.400 min
Delta R.T.: -0.006 min
Response: 2747058
Conc: 19.64 ug/ml



#4 2-Bromonaphthalene (SURR)

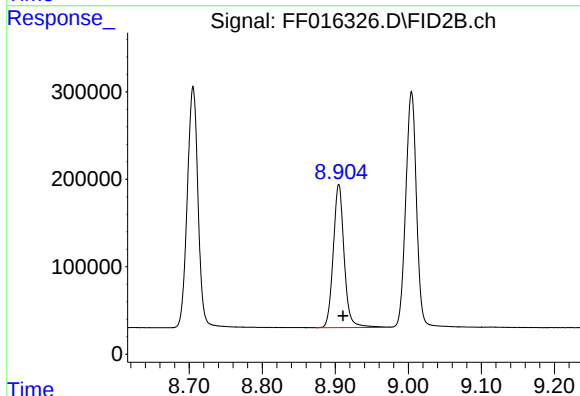
R.T.: 8.030 min
Delta R.T.: -0.006 min
Response: 2485257
Conc: 20.79 ug/ml



#5 Acenaphthylene (C15.06)

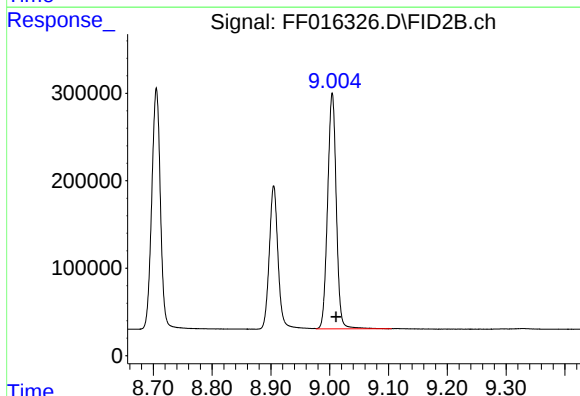
R.T.: 8.705 min
Delta R.T.: -0.006 min
Response: 2825712
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :



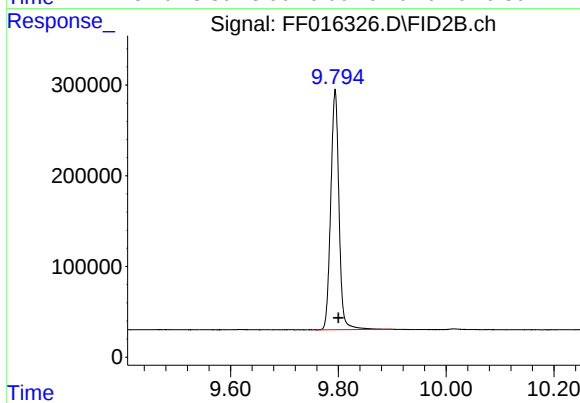
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.905 min
Delta R.T.: -0.006 min
Response: 1700107
Conc: 20.53 ug/ml



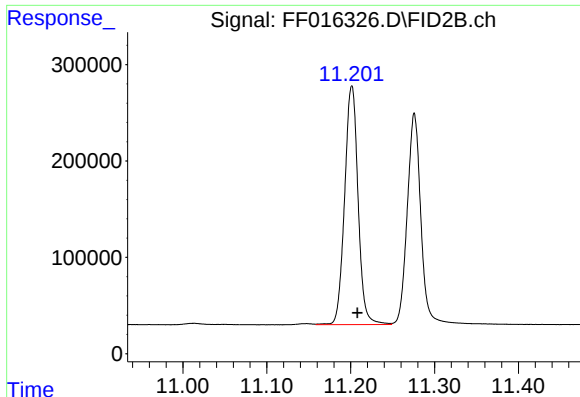
#7 Acenaphthene (C15.5)

R.T.: 9.004 min
Delta R.T.: -0.007 min
Response: 2766884
Conc: 19.74 ug/ml



#8 Flouorene (C16.55)

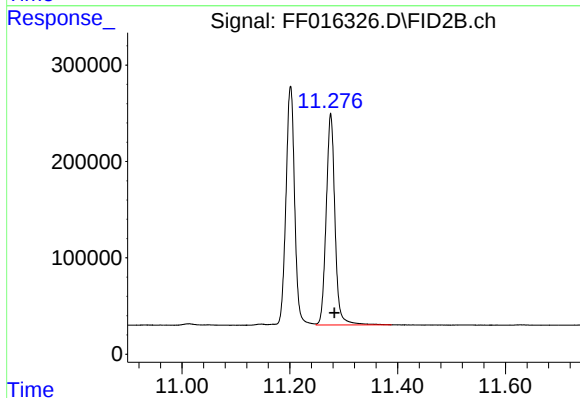
R.T.: 9.794 min
Delta R.T.: -0.006 min
Response: 2802437
Conc: 20.06 ug/ml



#9 Phenanthrene (C19.36)

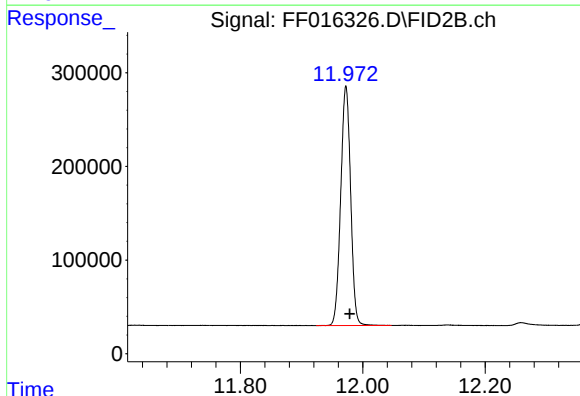
R.T.: 11.201 min
Delta R.T.: -0.007 min
Response: 2761852
Conc: 19.59 ug/ml

Instrument :
FID_E
ClientSampleId :



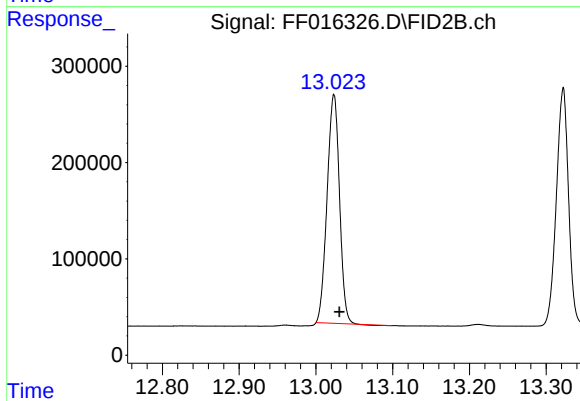
#10 Anthracene (C19.43)

R.T.: 11.276 min
Delta R.T.: -0.007 min
Response: 2481289
Conc: 17.95 ug/ml



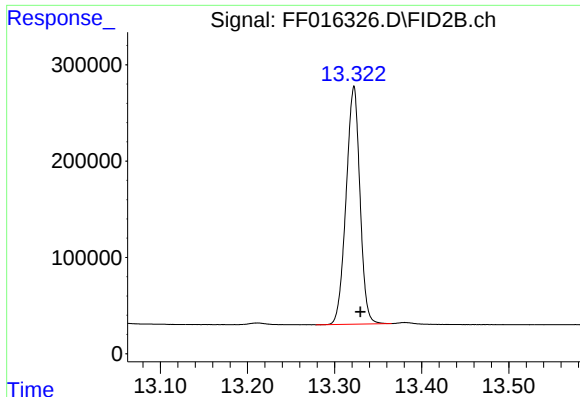
#11 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: -0.006 min
Response: 2872444
Conc: 19.81 ug/ml



#12 Fluoranthene (C21.85)

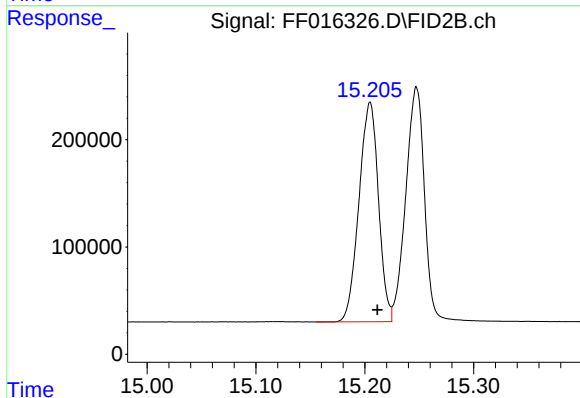
R.T.: 13.023 min
Delta R.T.: -0.007 min
Response: 2658952
Conc: 18.85 ug/ml



#13 Pyrene (C20.8)

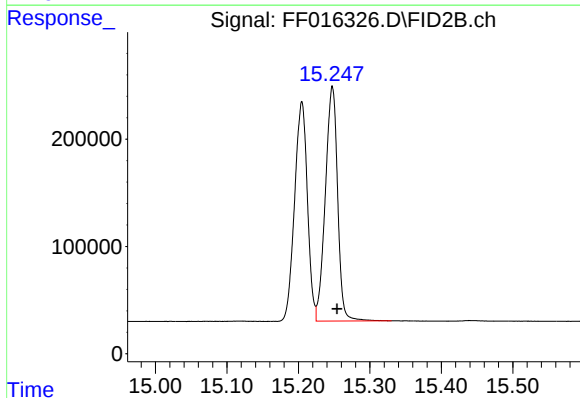
R.T.: 13.322 min
Delta R.T.: -0.008 min
Response: 2724120
Conc: 19.46 ug/ml

Instrument :
FID_E
ClientSampleId :



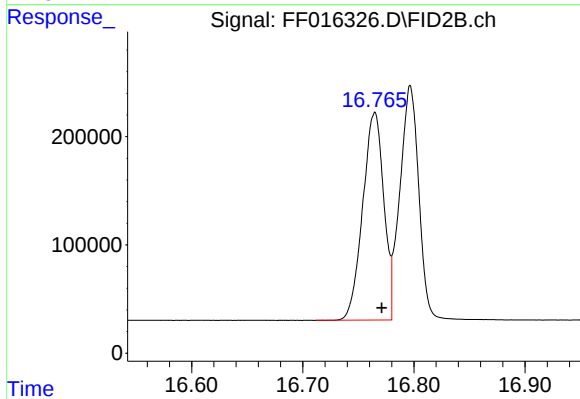
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.205 min
Delta R.T.: -0.007 min
Response: 2550067
Conc: 19.28 ug/ml



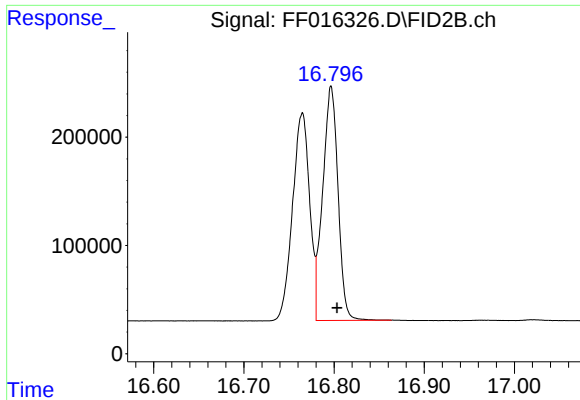
#15 Chrysene (C27.41)

R.T.: 15.247 min
Delta R.T.: -0.007 min
Response: 2619536
Conc: 19.22 ug/ml



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

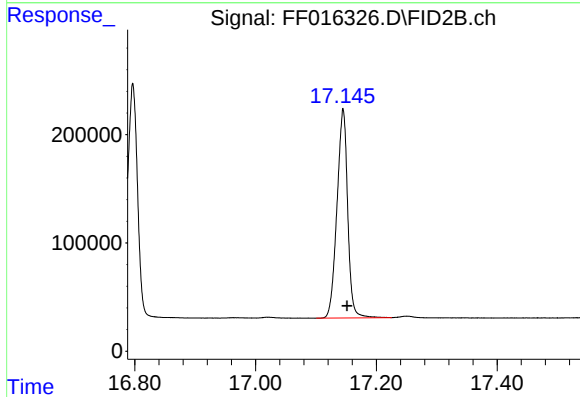
R.T.: 16.765 min
Delta R.T.: -0.007 min
Response: 2525489
Conc: 19.38 ug/ml



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

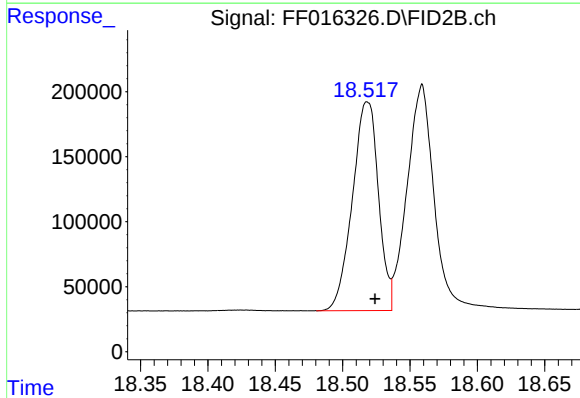
R.T.: 16.797 min
Delta R.T.: -0.007 min
Response: 2554188
Conc: 20.42 ug/ml

Instrument :
FID_E
ClientSampleId :



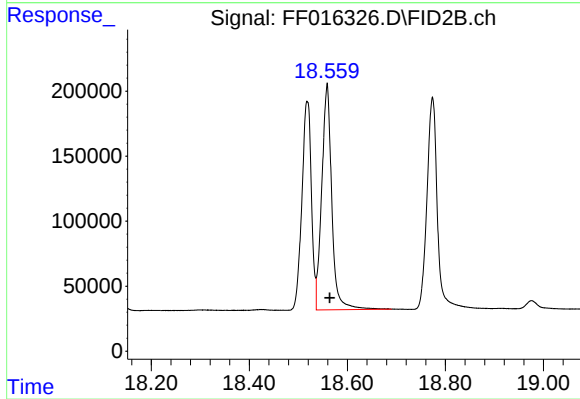
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: -0.007 min
Response: 2375317
Conc: 18.59 ug/ml



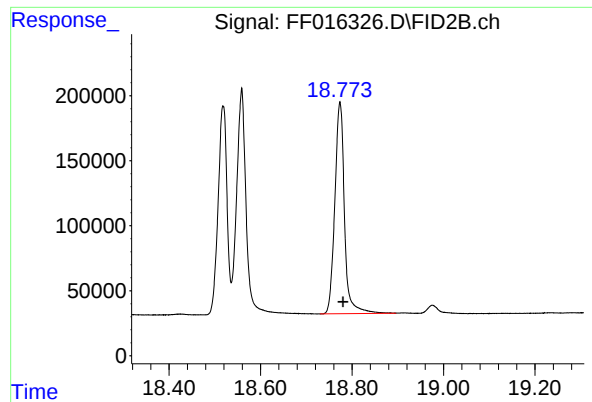
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: -0.006 min
Response: 2161839
Conc: 18.92 ug/ml



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

R.T.: 18.558 min
Delta R.T.: -0.006 min
Response: 2469723
Conc: 19.68 ug/ml



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

R.T.: 18.774 min
Delta R.T.: -0.007 min
Response: 2383247
Conc: 19.33 ug/ml

Instrument :

FID_E

ClientSampleId :