

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090425AR\
 Data File : FF016328.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 10:08
 Operator : YP\AJ
 Sample : Q2893-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 05 02:34:24 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...	8.032	5902572	49.375 ug/ml
Spiked Amount 50.000		Recovery =	98.75%
6) S 2-Fluorobiphenyl (SURR)	8.907	3867534	46.703 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.41%
11) S ortho-Terphenyl (SURR)	11.976	6316888	43.556 ug/ml
Spiked Amount 50.000		Recovery =	87.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.625	253429	1.956 ug/ml
2) T Naphthalene (C11.7)	6.302	273118	1.996 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	267408	1.912 ug/ml
5) T Acenaphthylene (C15.06)	8.706	320616	2.284 ug/ml
7) T Acenaphthene (C15.5)	9.004	344743	2.460 ug/ml
8) T Fluorene (C16.55)	9.796	310311	2.221 ug/ml
9) T Phenanthrene (C19.36)	11.202	308298	2.186 ug/ml
10) T Anthracene (C19.43)	11.278	307876	2.227 ug/ml
12) T Fluoranthene (C21.85)	13.022	315776	2.239 ug/ml
13) T Pyrene (C20.8)	13.321	320736	2.292 ug/ml
14) T Benzo[a]anthracene (C...	15.205	293071	2.216 ug/ml
15) T Chrysene (C27.41)	15.246	416091	3.053 ug/ml
16) T benzo[b]fluoranthene ...	16.762	286265	2.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.793	340051	2.718 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	289269	2.263 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	263205	2.304 ug/ml
20) T Dibenz[a,h]anthracene...	18.561	378567	3.016 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	303395	2.460 ug/ml

(f)=RT Delta > 1/2 Window

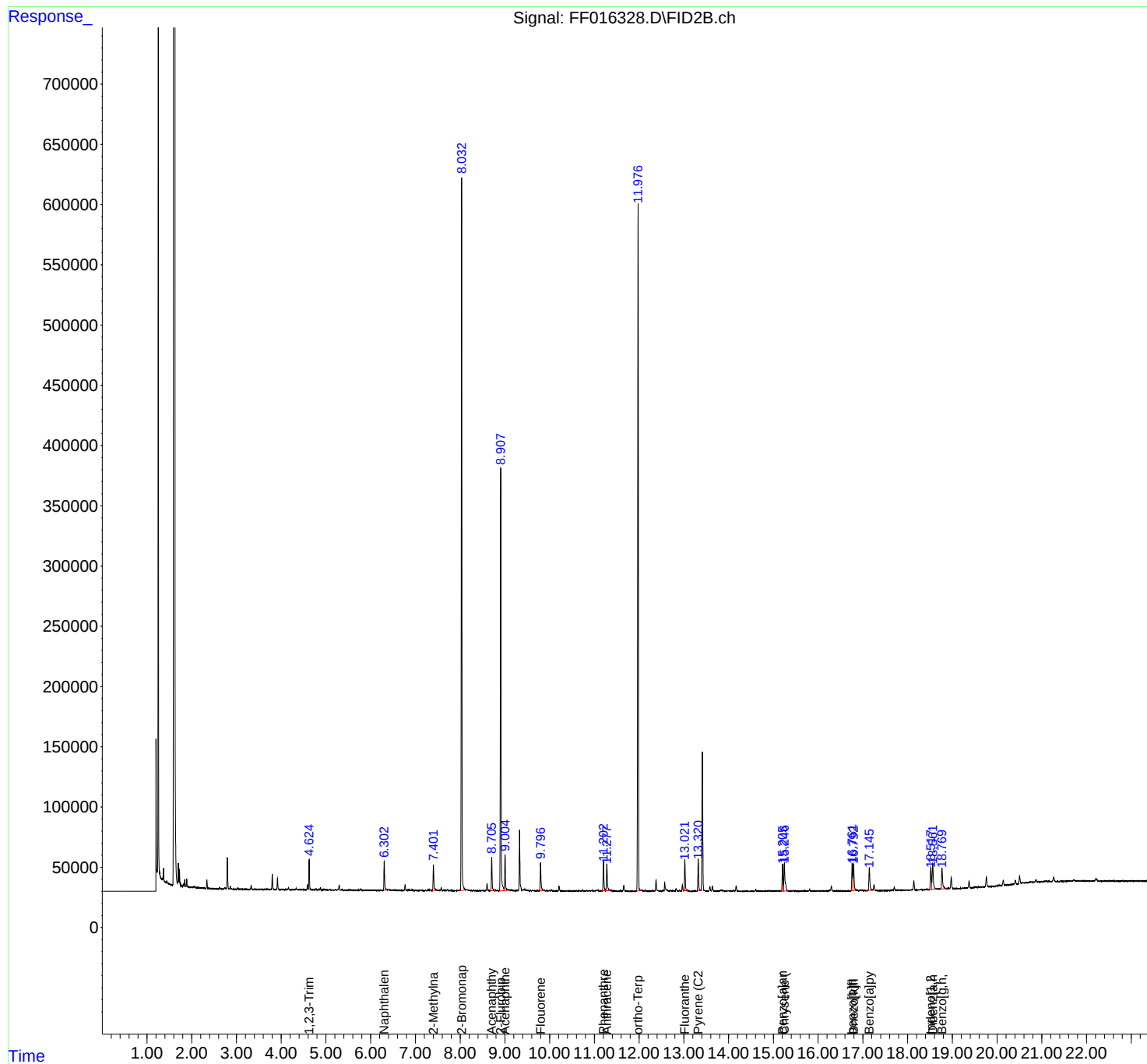
(m)=manual int.

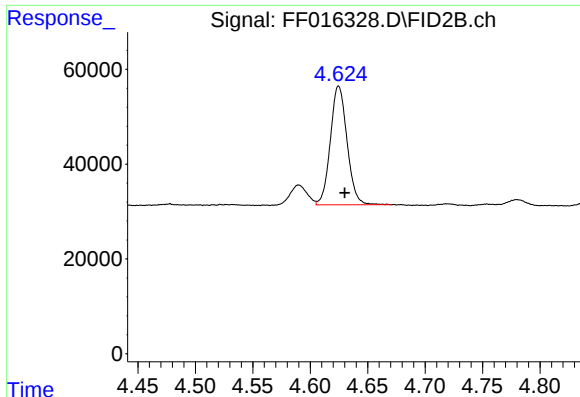
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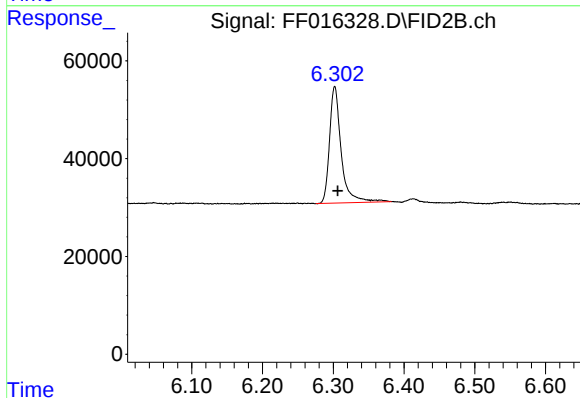




#1 1,2,3-Trimethylbenzene (C10.1)

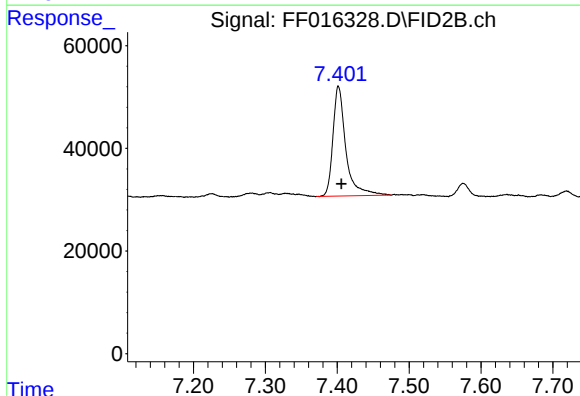
R.T.: 4.625 min
Delta R.T.: -0.005 min
Response: 253429
Conc: 1.96 ug/ml

Instrument :
FID_E
ClientSampleId :



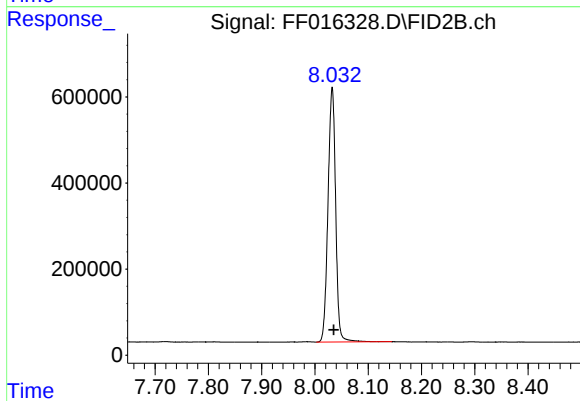
#2 Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 273118
Conc: 2.00 ug/ml



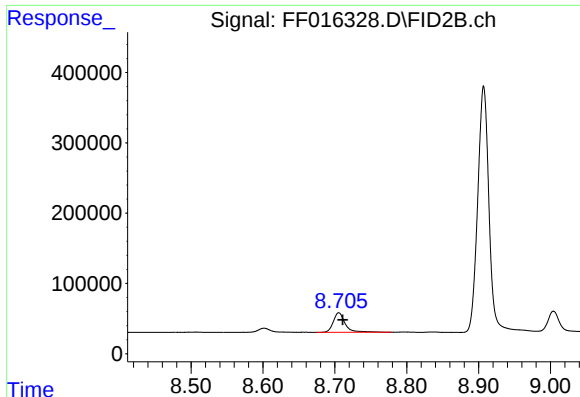
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.004 min
Response: 267408
Conc: 1.91 ug/ml



#4 2-Bromonaphthalene (SURR)

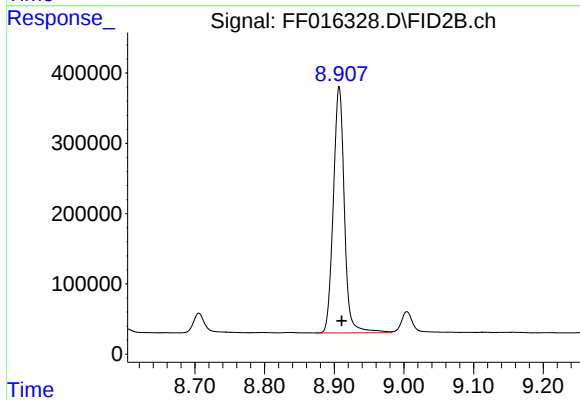
R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 5902572
Conc: 49.37 ug/ml



#5 Acenaphthylene (C15.06)

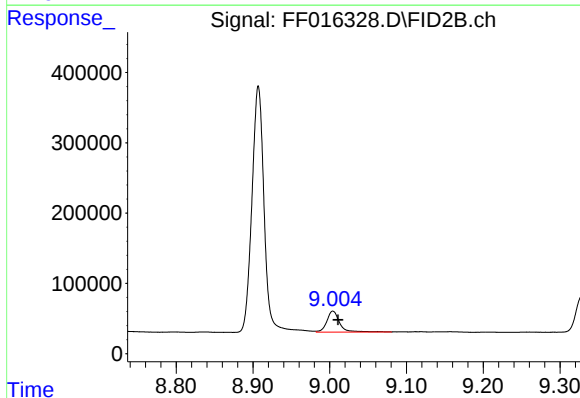
R.T.: 8.706 min
Delta R.T.: -0.005 min
Response: 320616
Conc: 2.28 ug/ml

Instrument :
FID_E
ClientSampleId :



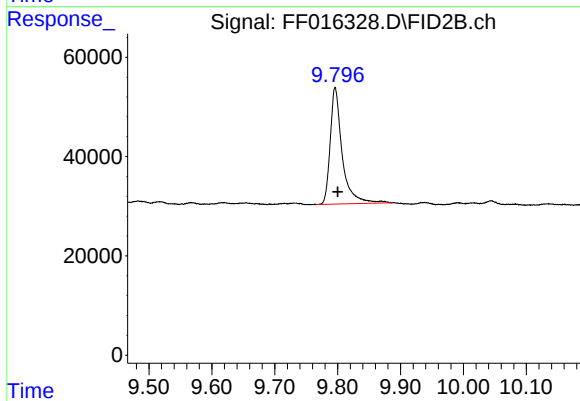
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.907 min
Delta R.T.: -0.004 min
Response: 3867534
Conc: 46.70 ug/ml



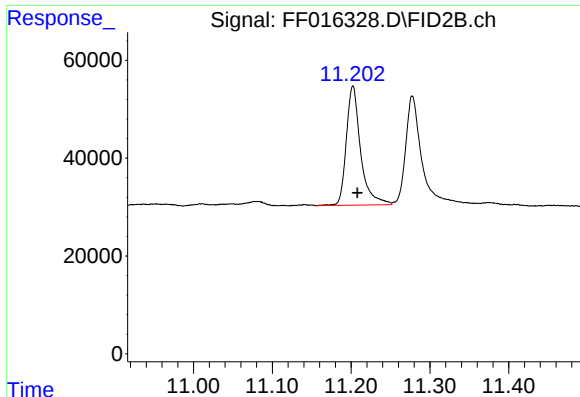
#7 Acenaphthene (C15.5)

R.T.: 9.004 min
Delta R.T.: -0.007 min
Response: 344743
Conc: 2.46 ug/ml



#8 Fluorene (C16.55)

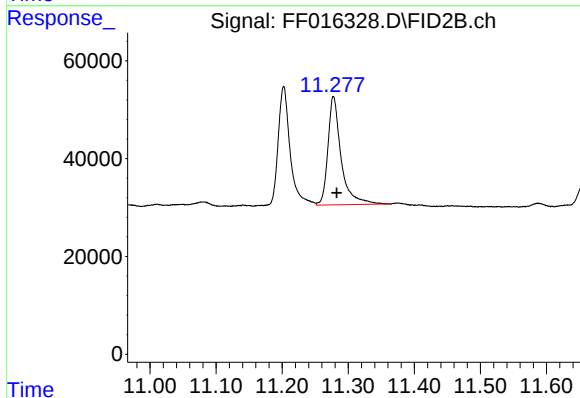
R.T.: 9.796 min
Delta R.T.: -0.004 min
Response: 310311
Conc: 2.22 ug/ml



#9 Phenanthrene (C19.36)

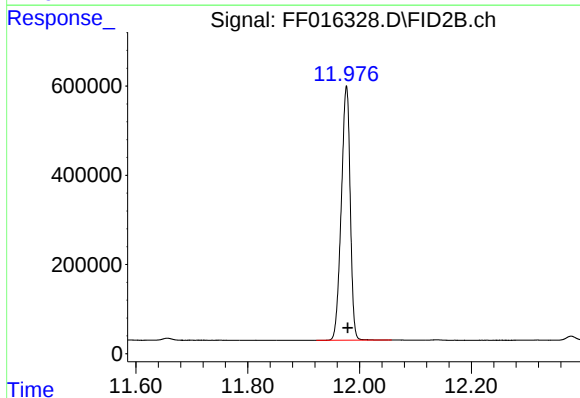
R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 308298
Conc: 2.19 ug/ml

Instrument :
FID_E
ClientSampleId :



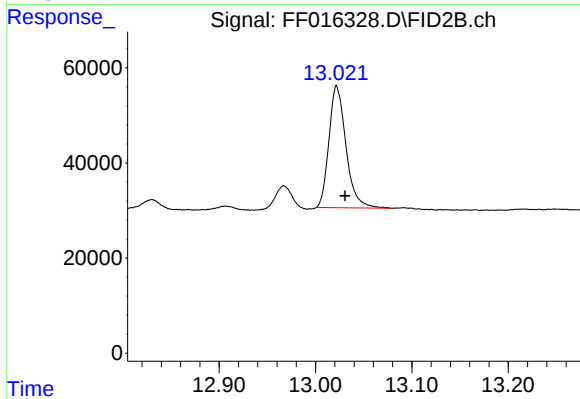
#10 Anthracene (C19.43)

R.T.: 11.278 min
Delta R.T.: -0.005 min
Response: 307876
Conc: 2.23 ug/ml



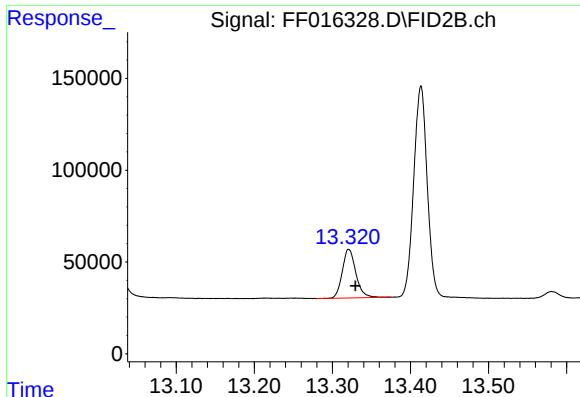
#11 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: -0.002 min
Response: 6316888
Conc: 43.56 ug/ml



#12 Fluoranthene (C21.85)

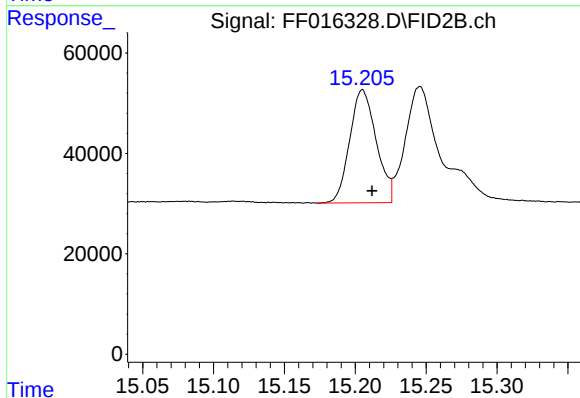
R.T.: 13.022 min
Delta R.T.: -0.008 min
Response: 315776
Conc: 2.24 ug/ml



#13 Pyrene (C20.8)

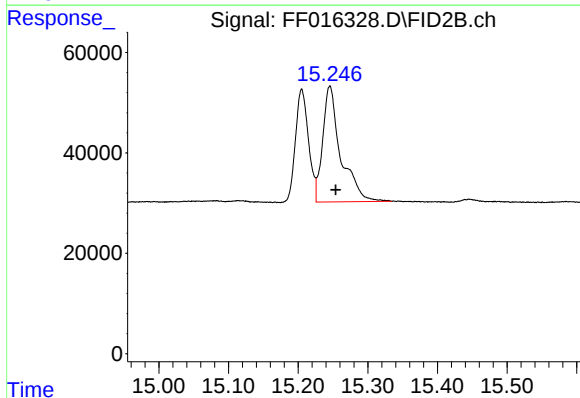
R.T.: 13.321 min
Delta R.T.: -0.008 min
Response: 320736
Conc: 2.29 ug/ml

Instrument :
FID_E
ClientSampleId :



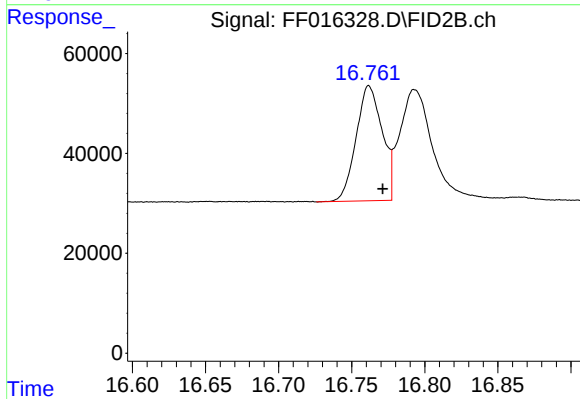
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.205 min
Delta R.T.: -0.006 min
Response: 293071
Conc: 2.22 ug/ml



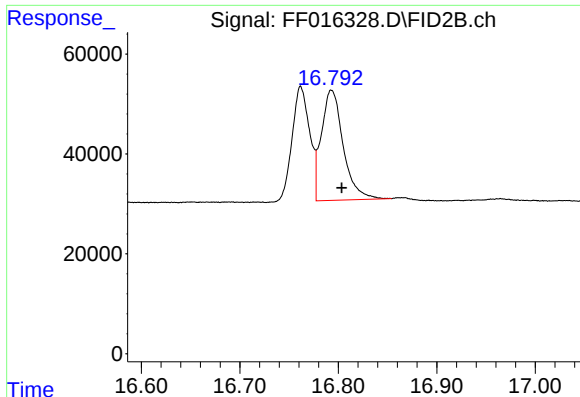
#15 Chrysene (C27.41)

R.T.: 15.246 min
Delta R.T.: -0.008 min
Response: 416091
Conc: 3.05 ug/ml



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

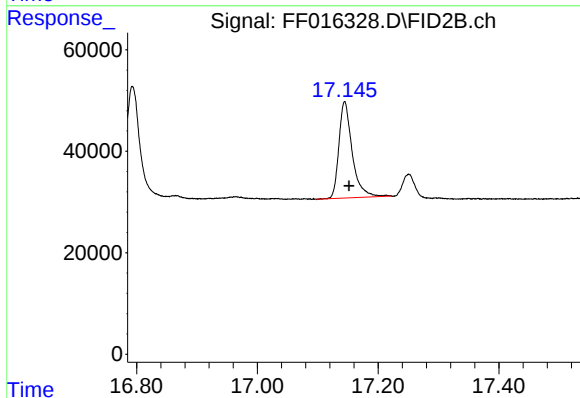
R.T.: 16.762 min
Delta R.T.: -0.009 min
Response: 286265
Conc: 2.20 ug/ml



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

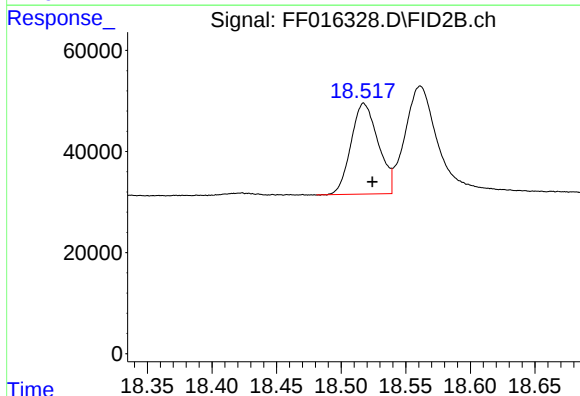
R.T.: 16.793 min
Delta R.T.: -0.010 min
Response: 340051
Conc: 2.72 ug/ml

Instrument :
FID_E
ClientSampleId :



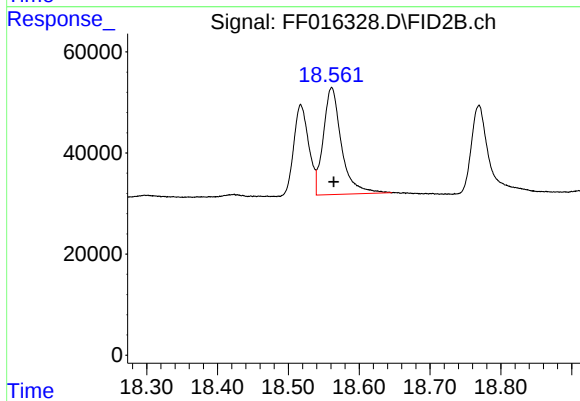
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: -0.007 min
Response: 289269
Conc: 2.26 ug/ml



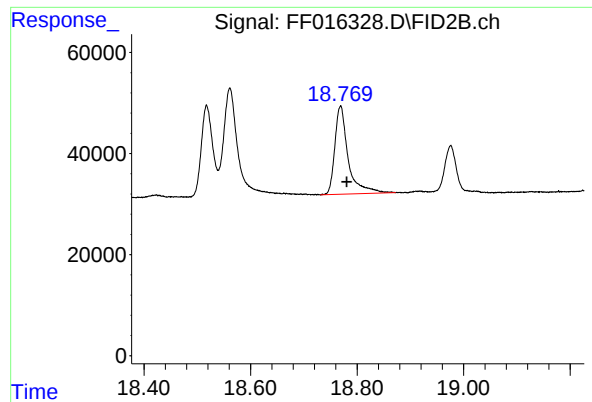
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: -0.006 min
Response: 263205
Conc: 2.30 ug/ml



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

R.T.: 18.561 min
Delta R.T.: -0.003 min
Response: 378567
Conc: 3.02 ug/ml



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

R.T.: 18.769 min
Delta R.T.: -0.012 min
Response: 303395
Conc: 2.46 ug/ml

Instrument :

FID_E

ClientSampleId :