

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090425AR\
 Data File : FF016330.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 11:48
 Operator : YP\AJ
 Sample : Q2893-09
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 05 02:35:07 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...	8.031	5796724	48.489 ug/ml
Spiked Amount 50.000		Recovery =	96.98%
6) S 2-Fluorobiphenyl (SURR)	8.905	3803364	45.928 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.86%
11) S ortho-Terphenyl (SURR)	11.975	6236768	43.004 ug/ml
Spiked Amount 50.000		Recovery =	86.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.623	249656	1.927 ug/ml
2) T Naphthalene (C11.7)	6.300	259225	1.895 ug/ml
3) T 2-Methylnaphthalene (...)	7.400	287180	2.053 ug/ml
5) T Acenaphthylene (C15.06)	8.704	315595	2.248 ug/ml
7) T Acenaphthene (C15.5)	9.002	338216	2.413 ug/ml
8) T Fluorene (C16.55)	9.795	310236	2.220 ug/ml
9) T Phenanthrene (C19.36)	11.201	302690	2.147 ug/ml
10) T Anthracene (C19.43)	11.277	303394	2.194 ug/ml
12) T Fluoranthene (C21.85)	13.022	307251	2.178 ug/ml
13) T Pyrene (C20.8)	13.319	318270	2.274 ug/ml
14) T Benzo[a]anthracene (C...	15.205	290064	2.193 ug/ml
15) T Chrysene (C27.41)	15.245	413289	3.032 ug/ml
16) T benzo[b]fluoranthene ...	16.762	284375	2.182 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	336339	2.689 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.146	287756	2.252 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	263414	2.306 ug/ml
20) T Dibenz[a,h]anthracene...	18.562	407778	3.249 ug/ml
21) T Benzo[g,h,i]perylene ...	18.768	298446	2.420 ug/ml

(f)=RT Delta > 1/2 Window

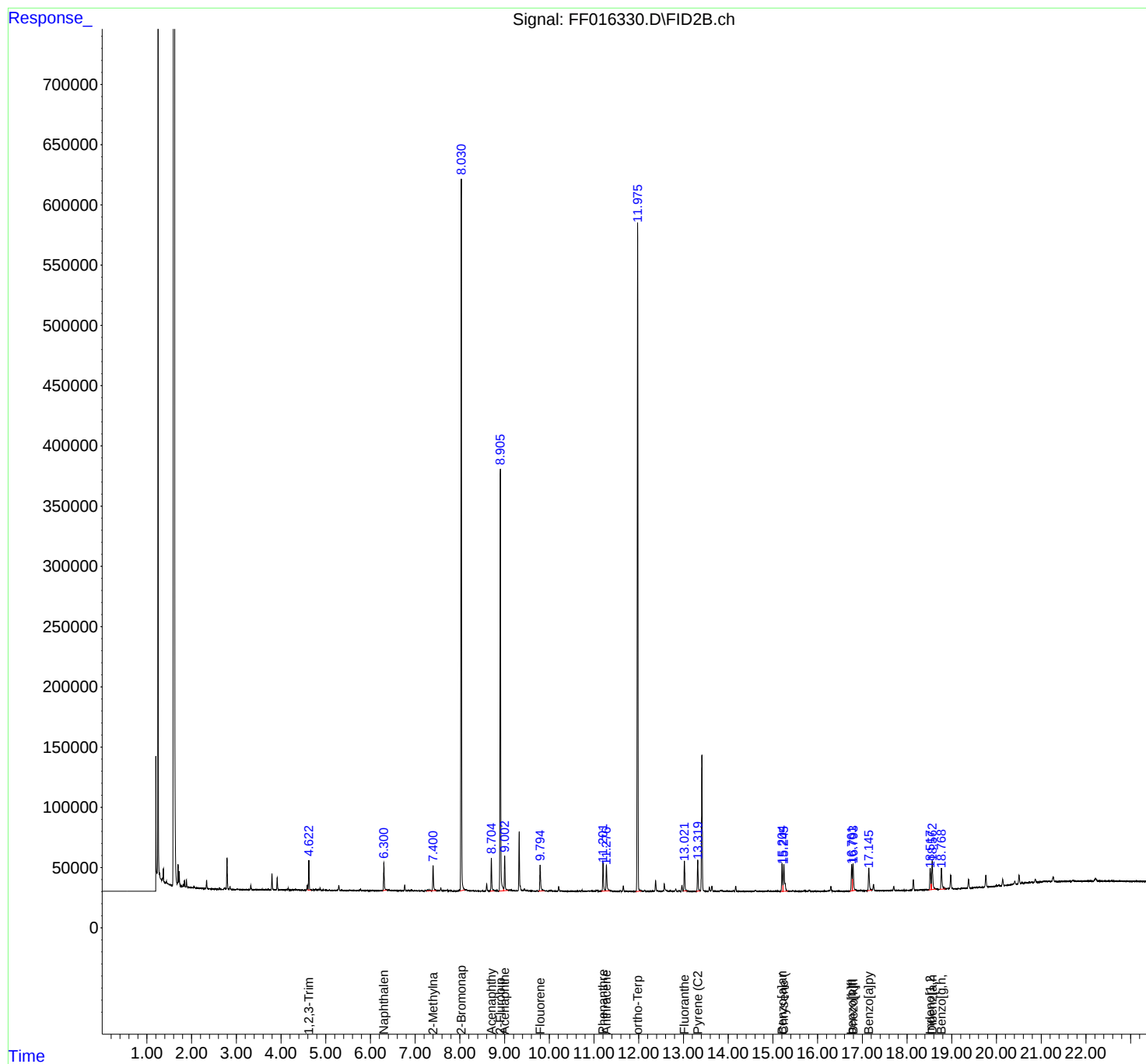
(m)=manual int.

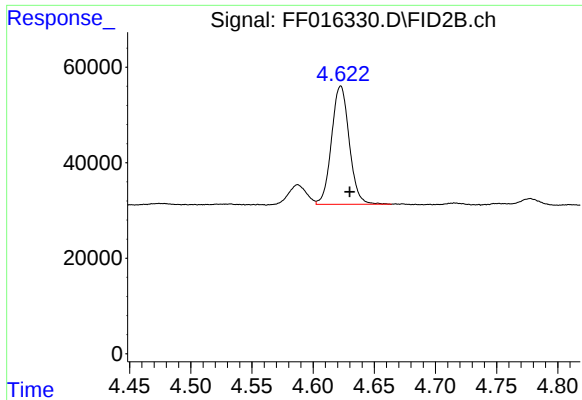
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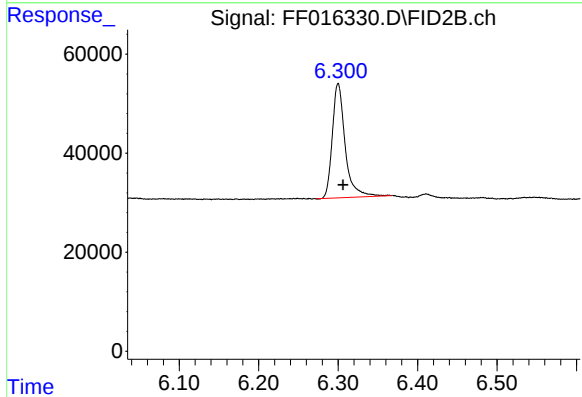




#1 1,2,3-Trimethylbenzene (C10.1)

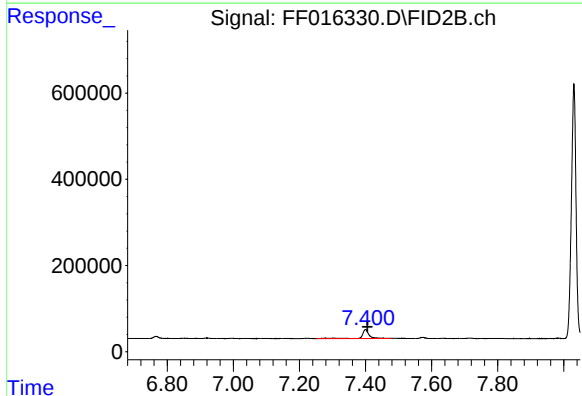
R.T.: 4.623 min
Delta R.T.: -0.007 min
Response: 249656
Conc: 1.93 ug/ml

Instrument :
FID_E
ClientSampleId :



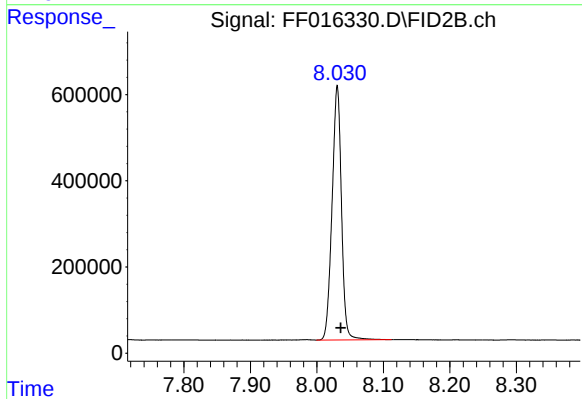
#2 Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.006 min
Response: 259225
Conc: 1.89 ug/ml



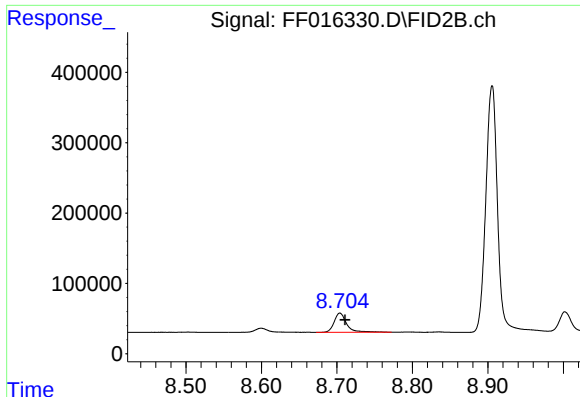
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.400 min
Delta R.T.: -0.006 min
Response: 287180
Conc: 2.05 ug/ml



#4 2-Bromonaphthalene (SURR)

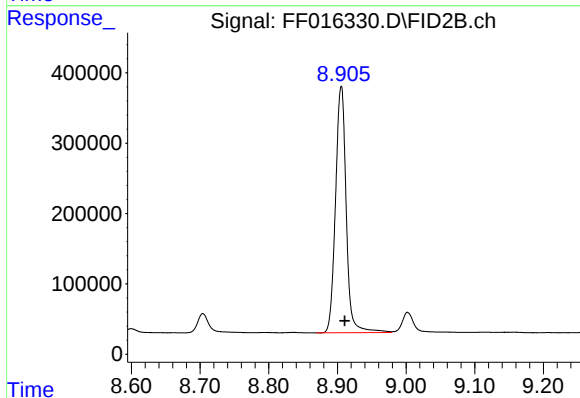
R.T.: 8.031 min
Delta R.T.: -0.005 min
Response: 5796724
Conc: 48.49 ug/ml



#5 Acenaphthylene (C15.06)

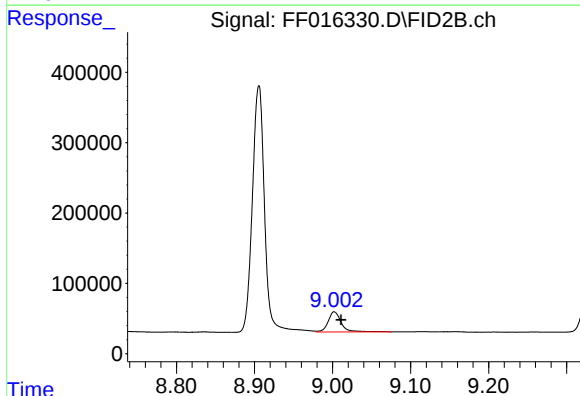
R.T.: 8.704 min
Delta R.T.: -0.007 min
Response: 315595
Conc: 2.25 ug/ml

Instrument :
FID_E
ClientSampleId :



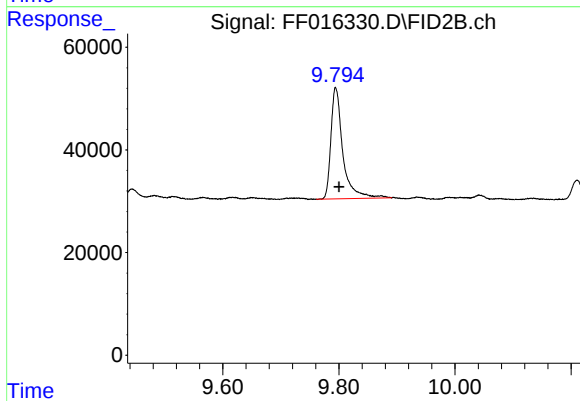
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.905 min
Delta R.T.: -0.005 min
Response: 3803364
Conc: 45.93 ug/ml



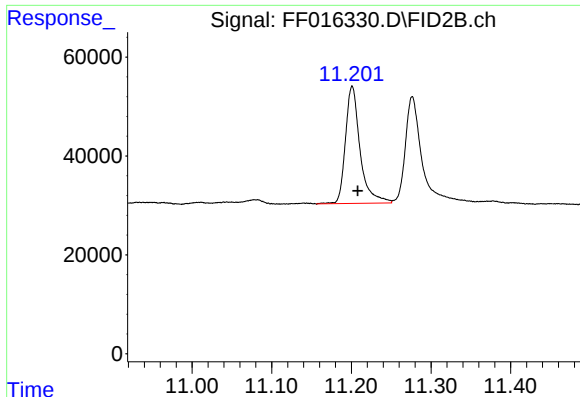
#7 Acenaphthene (C15.5)

R.T.: 9.002 min
Delta R.T.: -0.008 min
Response: 338216
Conc: 2.41 ug/ml



#8 Fluorene (C16.55)

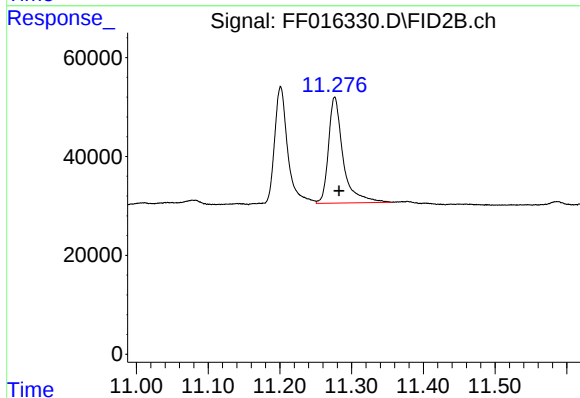
R.T.: 9.795 min
Delta R.T.: -0.005 min
Response: 310236
Conc: 2.22 ug/ml



#9 Phenanthrene (C19.36)

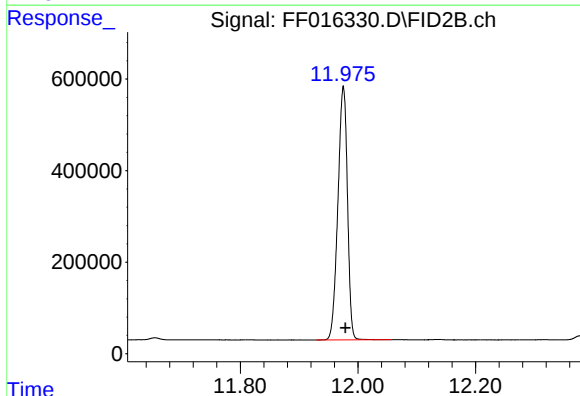
R.T.: 11.201 min
Delta R.T.: -0.007 min
Response: 302690
Conc: 2.15 ug/ml

Instrument :
FID_E
ClientSampleId :



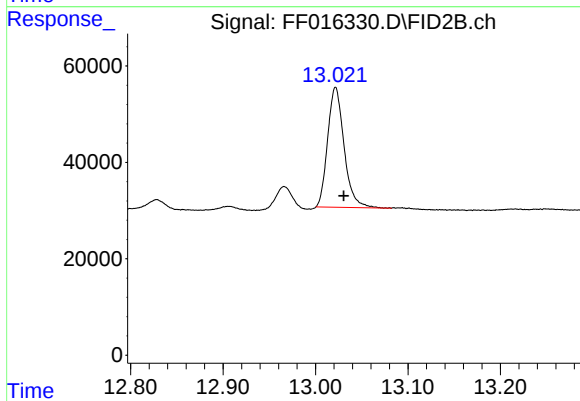
#10 Anthracene (C19.43)

R.T.: 11.277 min
Delta R.T.: -0.006 min
Response: 303394
Conc: 2.19 ug/ml



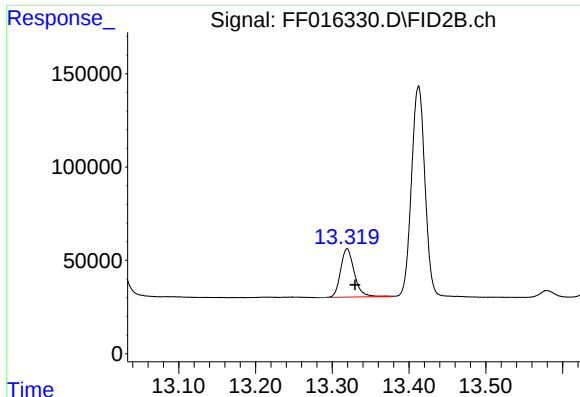
#11 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.004 min
Response: 6236768
Conc: 43.00 ug/ml



#12 Fluoranthene (C21.85)

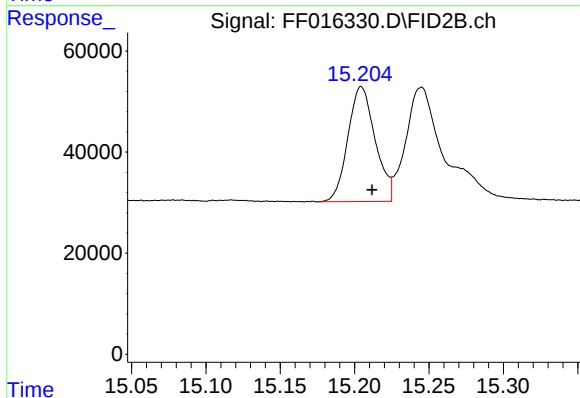
R.T.: 13.022 min
Delta R.T.: -0.009 min
Response: 307251
Conc: 2.18 ug/ml



#13 Pyrene (C20.8)

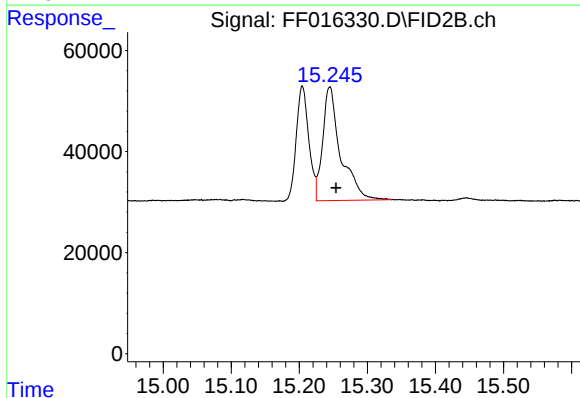
R.T.: 13.319 min
Delta R.T.: -0.010 min
Response: 318270
Conc: 2.27 ug/ml

Instrument :
FID_E
ClientSampleId :



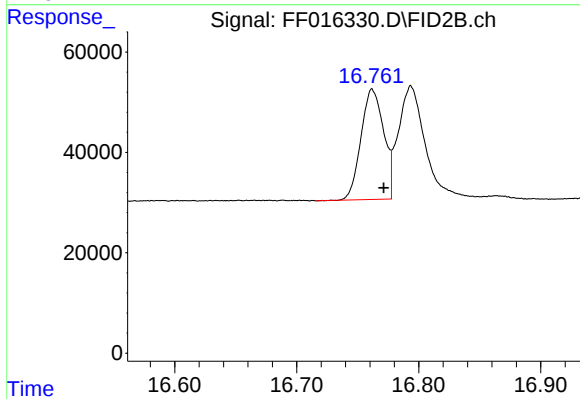
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.205 min
Delta R.T.: -0.007 min
Response: 290064
Conc: 2.19 ug/ml



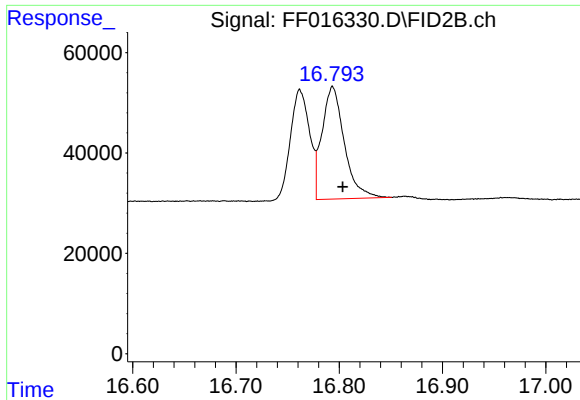
#15 Chrysene (C27.41)

R.T.: 15.245 min
Delta R.T.: -0.009 min
Response: 413289
Conc: 3.03 ug/ml



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

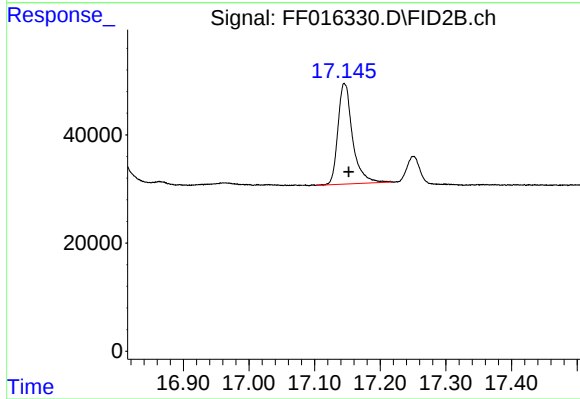
R.T.: 16.762 min
Delta R.T.: -0.009 min
Response: 284375
Conc: 2.18 ug/ml



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

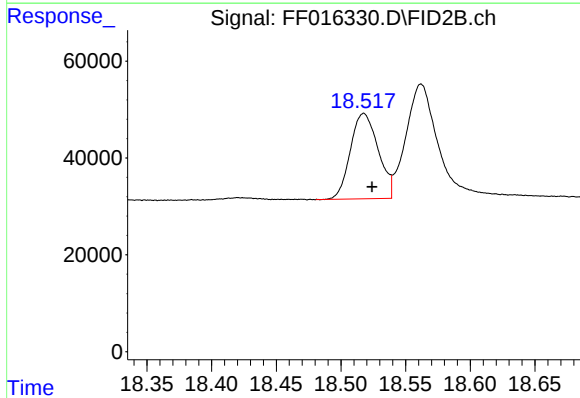
R.T.: 16.794 min
Delta R.T.: -0.010 min
Response: 336339
Conc: 2.69 ug/ml

Instrument :
FID_E
ClientSampleId :



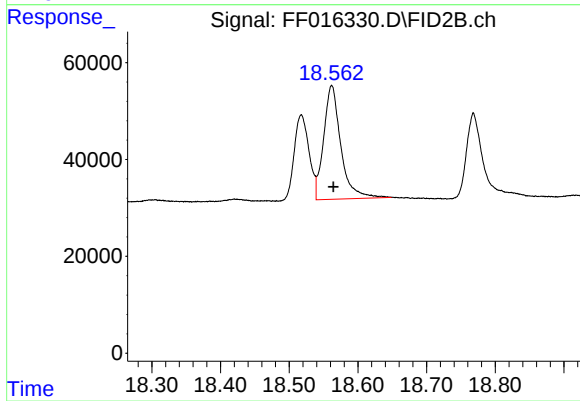
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.146 min
Delta R.T.: -0.006 min
Response: 287756
Conc: 2.25 ug/ml



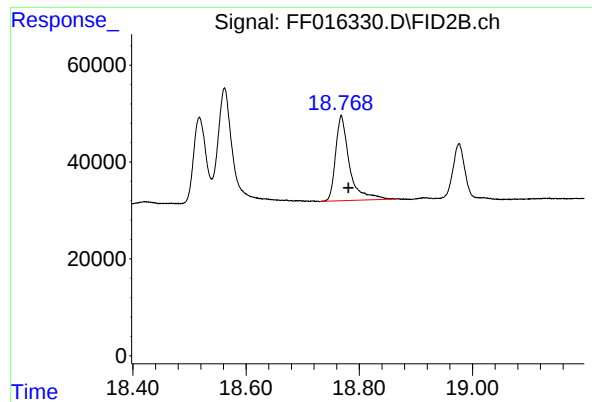
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: -0.006 min
Response: 263414
Conc: 2.31 ug/ml



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

R.T.: 18.562 min
Delta R.T.: -0.002 min
Response: 407778
Conc: 3.25 ug/ml



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

R.T.: 18.768 min
Delta R.T.: -0.012 min
Response: 298446
Conc: 2.42 ug/ml

Instrument :

FID_E

ClientSampleId :