

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016435.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 15:58
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 24 16:24:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:23:45 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	598161	4.775 ug/ml
Spiked Amount 50.000		Recovery =	9.55%
6) S 2-Fluorobiphenyl (SURR)	8.908	388157	4.602 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.20%
11) S ortho-Terphenyl (SURR)	11.974	777849	5.102 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.624	707668	5.020 ug/ml
2) T Naphthalene (C11.7)	6.301	709232	4.868 ug/ml
3) T 2-Methylnaphthalene (...)	7.401	700376	4.757 ug/ml
5) T Acenaphthylene (C15.06)	8.706	690062	4.762 ug/ml
7) T Acenaphthene (C15.5)	9.006	686883	4.789 ug/ml
8) T Flouorene (C16.55)	9.796	675559	4.676 ug/ml
9) T Phenanthrene (C19.36)	11.204	711069	4.875 ug/ml
10) T Anthracene (C19.43)	11.279	728208	5.090 ug/ml
12) T Fluoranthene (C21.85)	13.026	730906	5.005 ug/ml
13) T Pyrene (C20.8)	13.325	712306	4.971 ug/ml
14) T Benzo[a]anthracene (C...	15.209	667130	4.901 ug/ml
15) T Chrysene (C27.41)	15.251	742138	5.203 ug/ml
16) T benzo[b]fluoranthene ...	16.769	643824	4.900 ug/ml
17) T Bnezo[k]fluoranthene ...	16.801	642318	5.103 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.150	635965	4.981 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.524	547710	4.803 ug/ml
20) T Dibenz[a,h]anthracene...	18.565	722079	5.531 ug/ml
21) T Benzo[g,h,i]perylene ...	18.778	625224	5.077 ug/ml

(f)=RT Delta > 1/2 Window

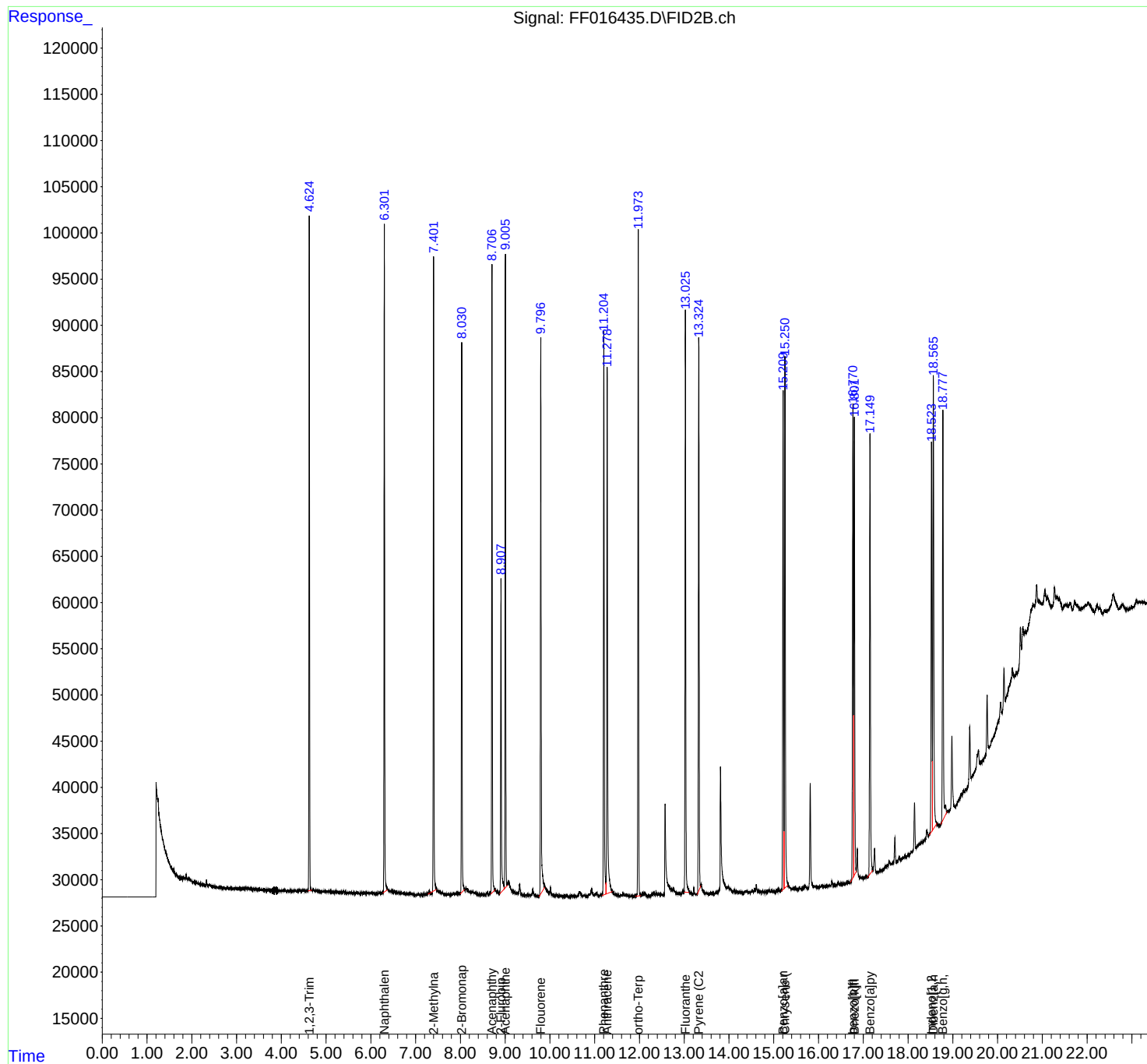
(m)=manual int.

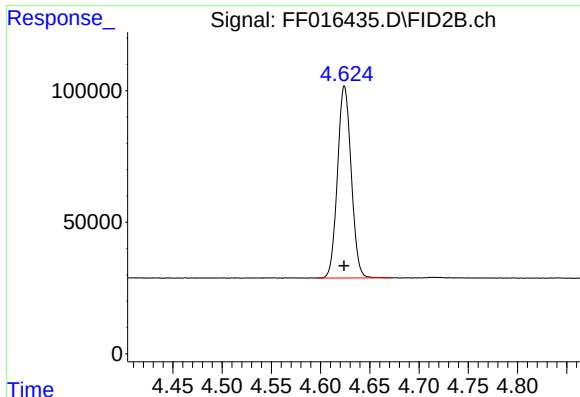
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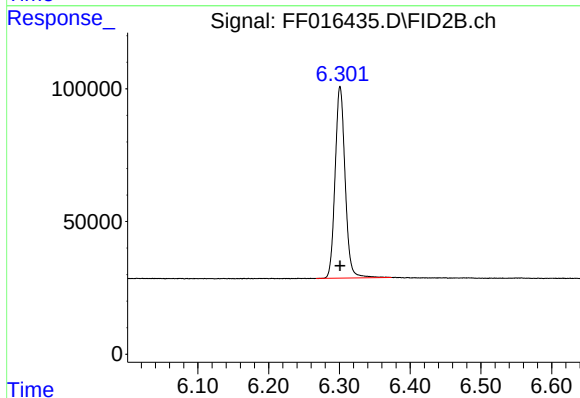




#1 1,2,3-Trimethylbenzene (C10.1)

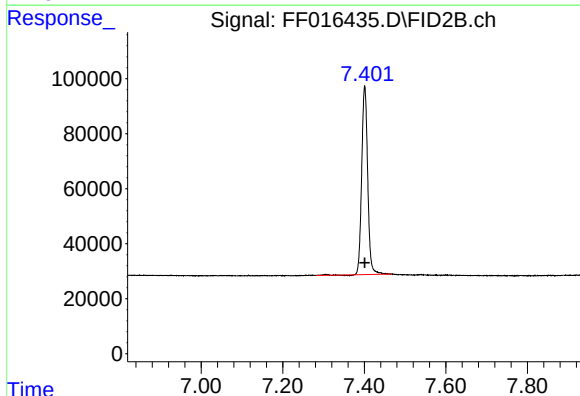
R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 707668
Conc: 5.02 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



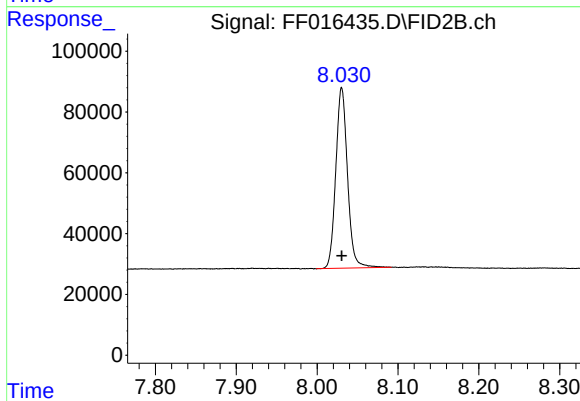
#2 Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 709232
Conc: 4.87 ug/ml



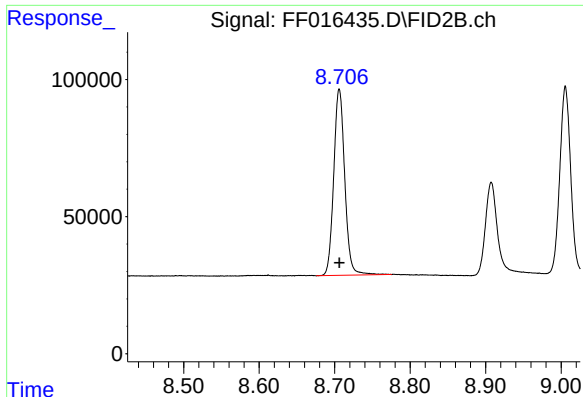
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 700376
Conc: 4.76 ug/ml



#4 2-Bromonaphthalene (SURR)

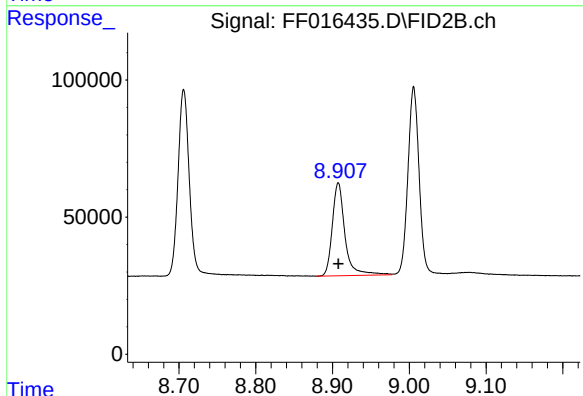
R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 598161
Conc: 4.78 ug/ml



#5 Acenaphthylene (C15.06)

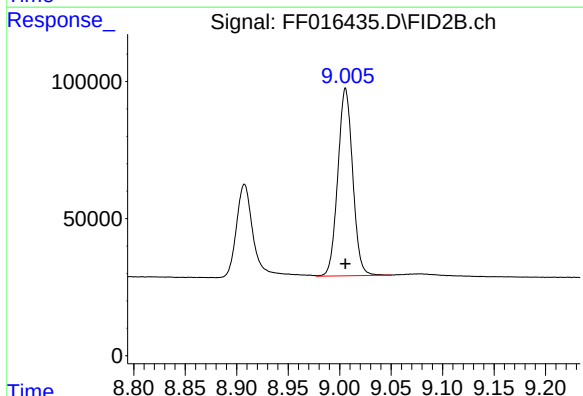
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 690062
Conc: 4.76 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



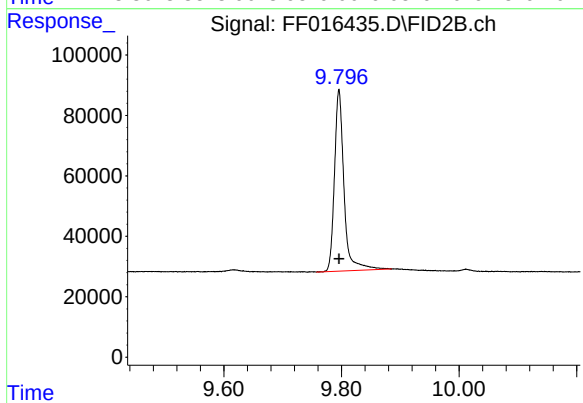
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 388157
Conc: 4.60 ug/ml



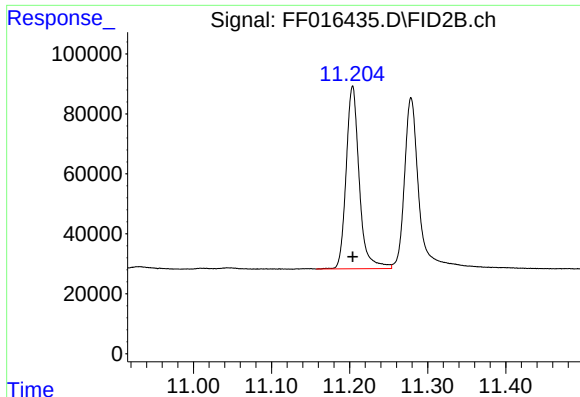
#7 Acenaphthene (C15.5)

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 686883
Conc: 4.79 ug/ml



#8 Fluorene (C16.55)

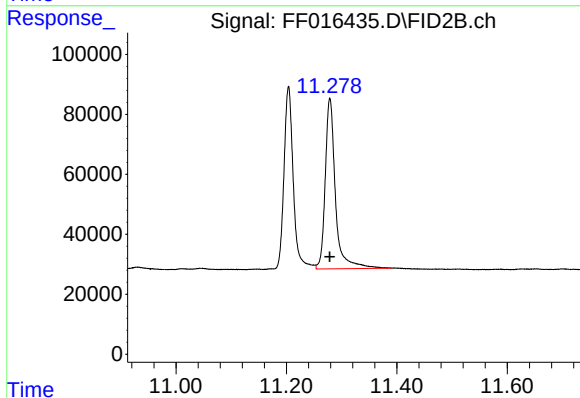
R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 675559
Conc: 4.68 ug/ml



#9 Phenanthrene (C19.36)

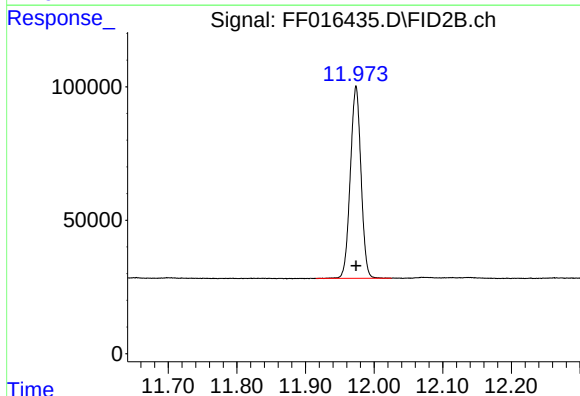
R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 711069
Conc: 4.88 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



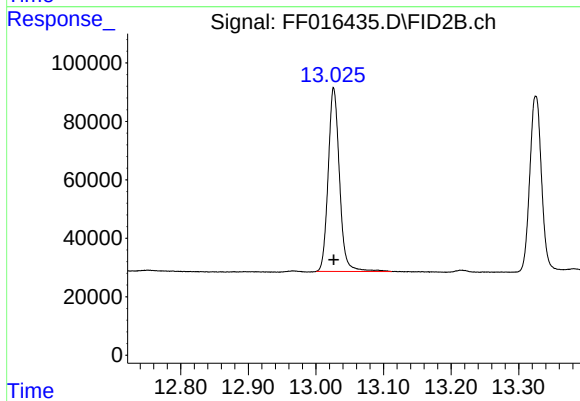
#10 Anthracene (C19.43)

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 728208
Conc: 5.09 ug/ml



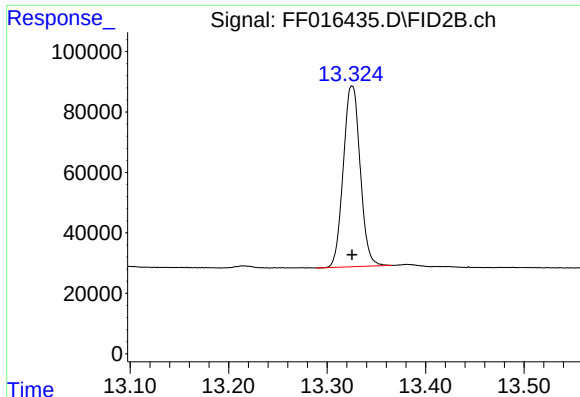
#11 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 777849
Conc: 5.10 ug/ml



#12 Fluoranthene (C21.85)

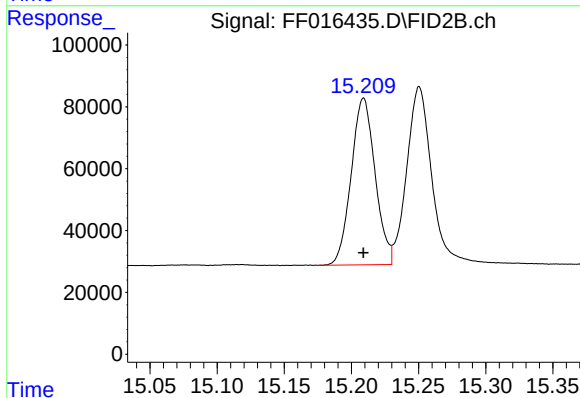
R.T.: 13.026 min
Delta R.T.: 0.000 min
Response: 730906
Conc: 5.00 ug/ml



#13 Pyrene (C20.8)

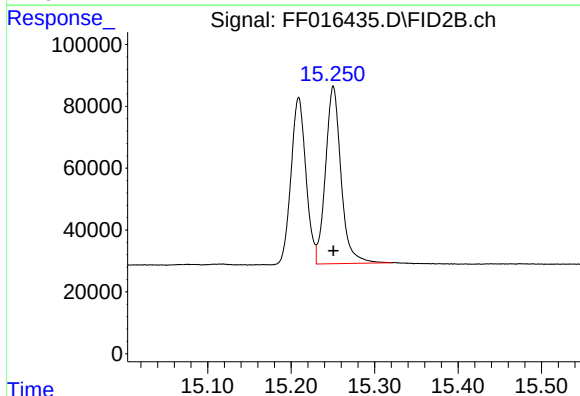
R.T.: 13.325 min
Delta R.T.: 0.000 min
Response: 712306
Conc: 4.97 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



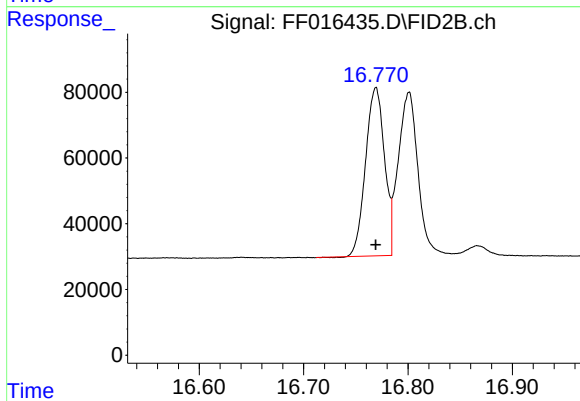
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 667130
Conc: 4.90 ug/ml



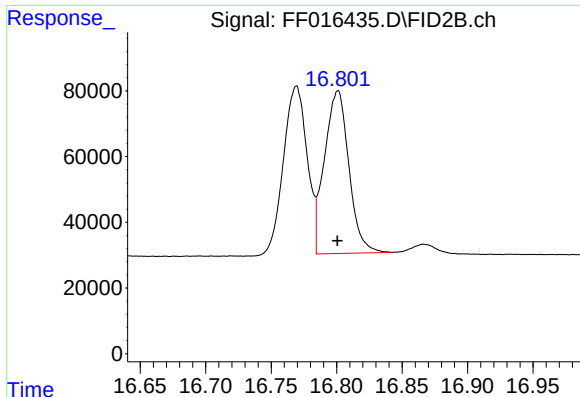
#15 Chrysene (C27.41)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 742138
Conc: 5.20 ug/ml



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

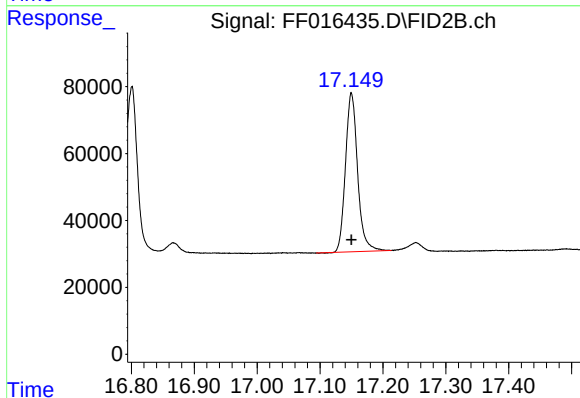
R.T.: 16.769 min
Delta R.T.: 0.000 min
Response: 643824
Conc: 4.90 ug/ml



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

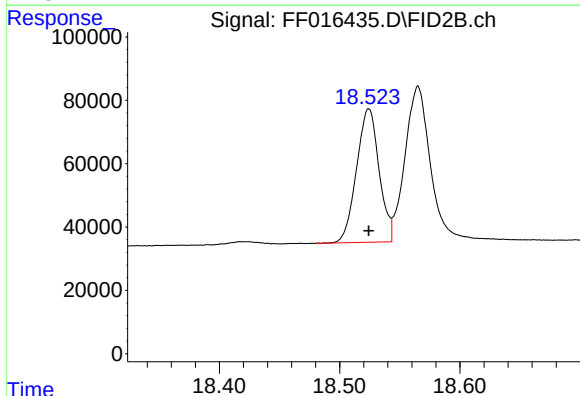
R.T.: 16.801 min
Delta R.T.: 0.000 min
Response: 642318
Conc: 5.10 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



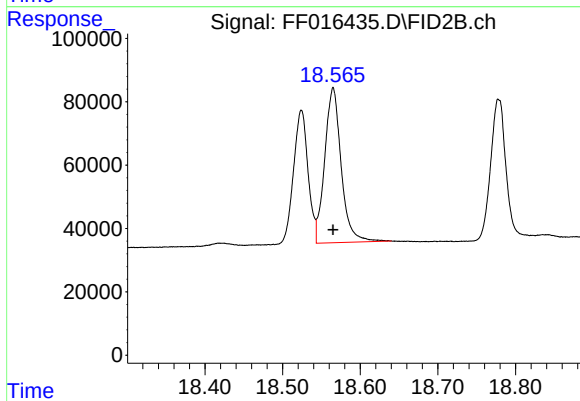
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.150 min
Delta R.T.: 0.000 min
Response: 635965
Conc: 4.98 ug/ml



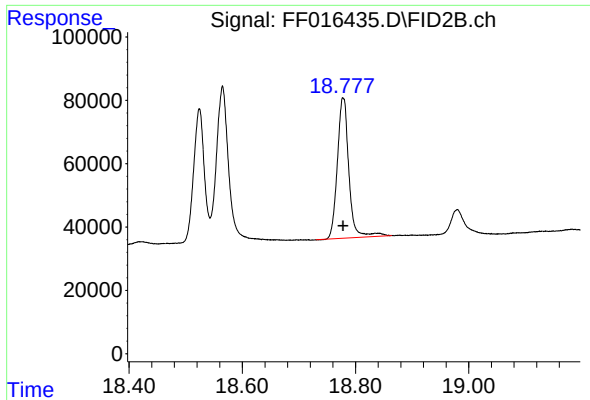
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 547710
Conc: 4.80 ug/ml



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

R.T.: 18.565 min
Delta R.T.: 0.000 min
Response: 722079
Conc: 5.53 ug/ml



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

R.T.: 18.778 min
Delta R.T.: 0.000 min
Response: 625224
Conc: 5.08 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5