

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121625AR\
 Data File : FF016897.D
 Signal(s) : FID2B.ch
 Acq On : 16 Dec 2025 20:00
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 17 03:29:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 03:28:27 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...	7.998	5425939	48.453 ug/ml
Spiked Amount 50.000		Recovery =	96.91%
6) S 2-Fluorobiphenyl (SURR)	8.874	3535418	51.921 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.84%
11) S ortho-Terphenyl (SURR)	11.940	6560074	46.271 ug/ml
Spiked Amount 50.000		Recovery =	92.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.592	6050154	46.990 ug/ml
2) T Naphthalene (C11.7)	6.268	6257736	48.312 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	6284413	48.197 ug/ml
5) T Acenaphthylene (C15.06)	8.673	6321448	47.597 ug/ml
7) T Acenaphthene (C15.5)	8.973	6443510	47.656 ug/ml
8) T Flouorene (C16.55)	9.763	6194035	48.959 ug/ml
9) T Phenanthrene (C19.36)	11.171	6209628	48.453 ug/ml
10) T Anthracene (C19.43)	11.247	6255067	46.939 ug/ml
12) T Fluoranthene (C21.85)	12.996	6261297	47.156 ug/ml
13) T Pyrene (C20.8)	13.295	6188059	48.540 ug/ml
14) T Benzo[a]anthracene (C...	15.181	5589397	49.863 ug/ml
15) T Chrysene (C27.41)	15.225	6154322	45.265 ug/ml
16) T benzo[b]fluoranthene ...	16.744	5456027	49.158 ug/ml
17) T Bnezo[k]fluoranthene ...	16.778	5441614	45.573 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.125	5311251	49.559 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.502	4423583	53.282 ug/ml
20) T Dibenz[a,h]anthracene...	18.541	5310823	45.733 ug/ml
21) T Benzo[g,h,i]perylene ...	18.760	4985967	48.027 ug/ml

(f)=RT Delta > 1/2 Window

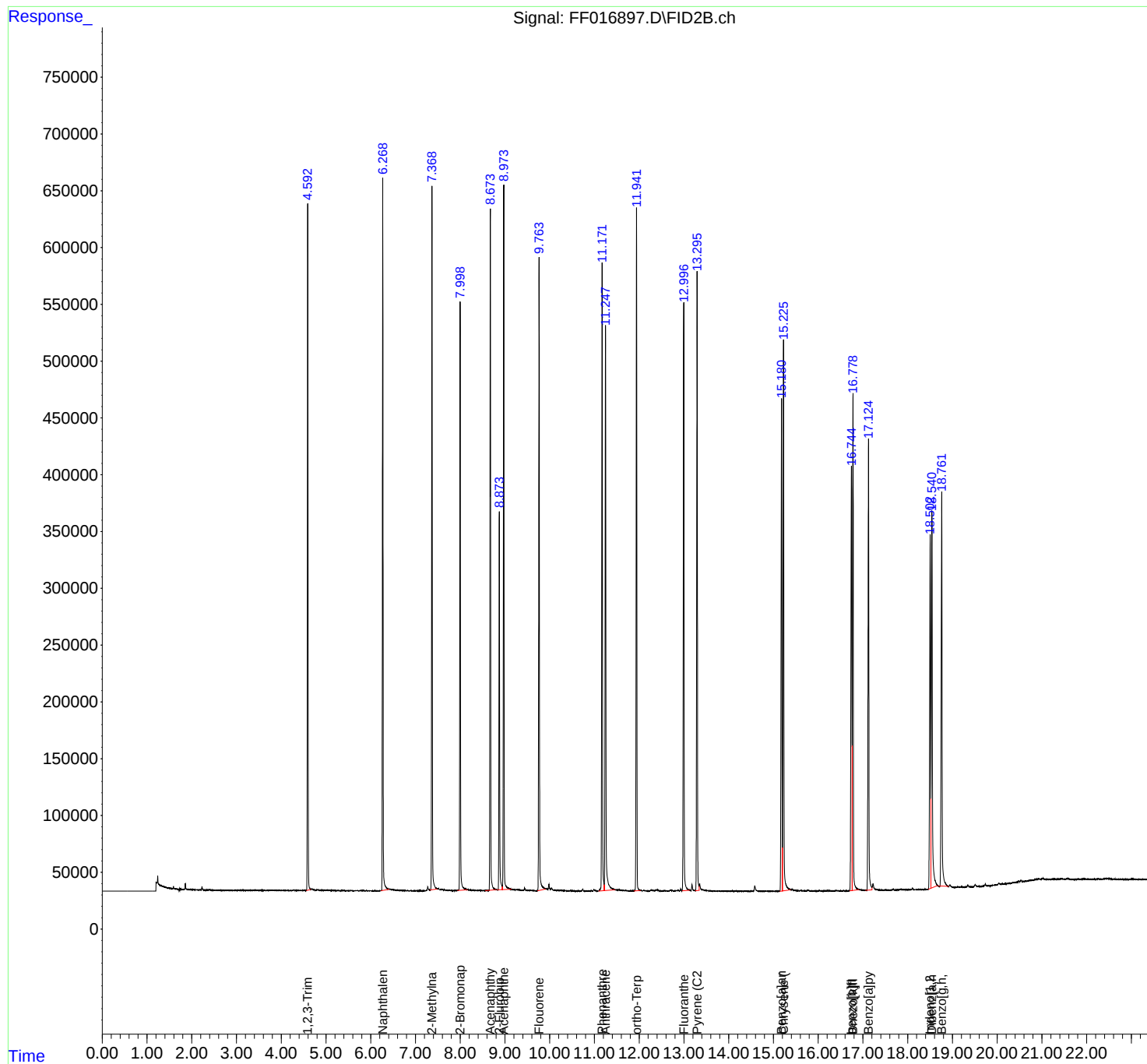
(m)=manual int.

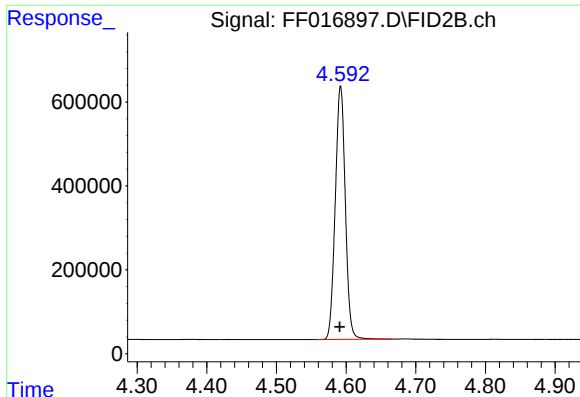
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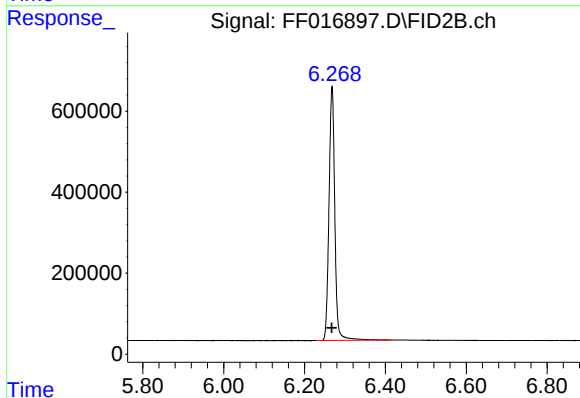




#1 1,2,3-Trimethylbenzene (C10.1)

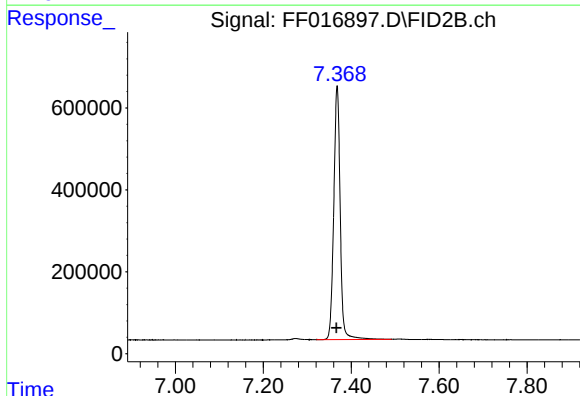
R.T.: 4.592 min
Delta R.T.: 0.001 min
Response: 6050154
Conc: 46.99 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



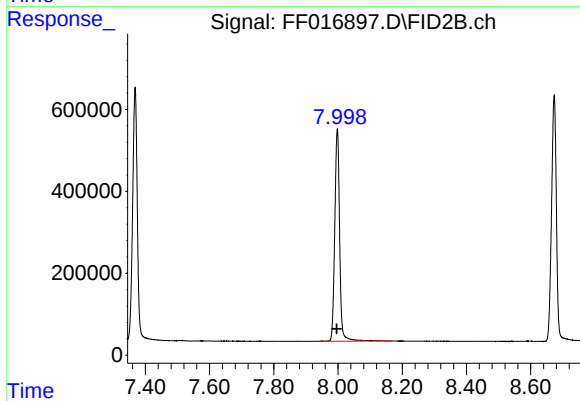
#2 Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.001 min
Response: 6257736
Conc: 48.31 ug/ml



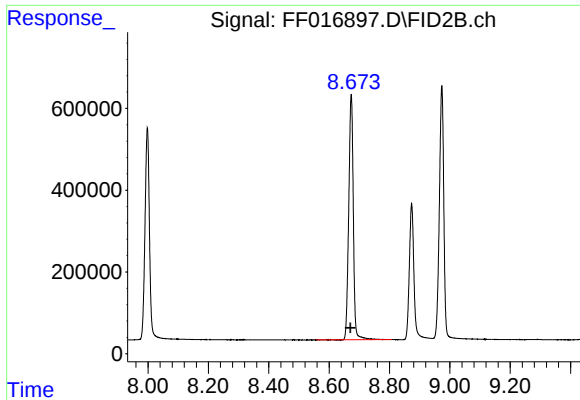
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.001 min
Response: 6284413
Conc: 48.20 ug/ml



#4 2-Bromonaphthalene (SURR)

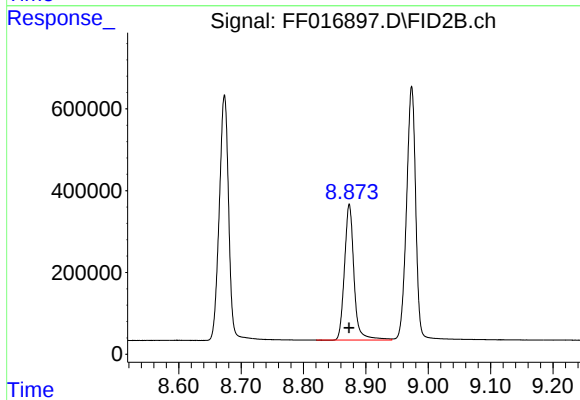
R.T.: 7.998 min
Delta R.T.: 0.001 min
Response: 5425939
Conc: 48.45 ug/ml



#5 Acenaphthylene (C15.06)

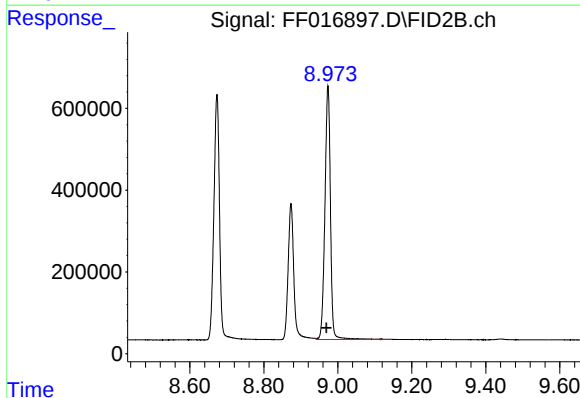
R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 6321448
Conc: 47.60 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



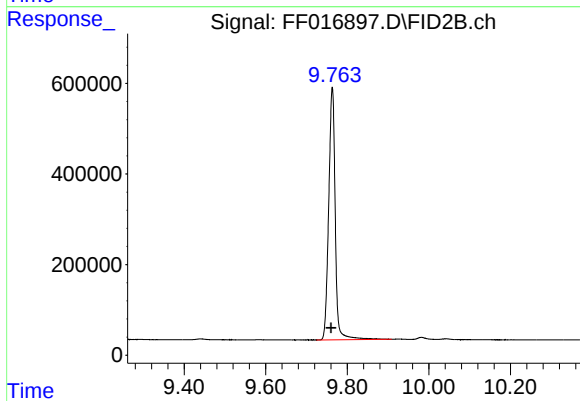
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: 0.000 min
Response: 3535418
Conc: 51.92 ug/ml



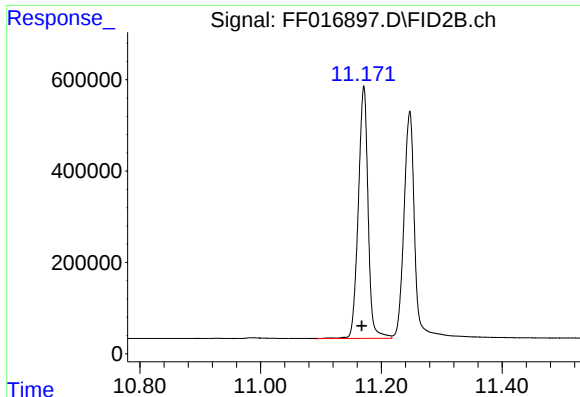
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: 0.004 min
Response: 6443510
Conc: 47.66 ug/ml



#8 Flouorene (C16.55)

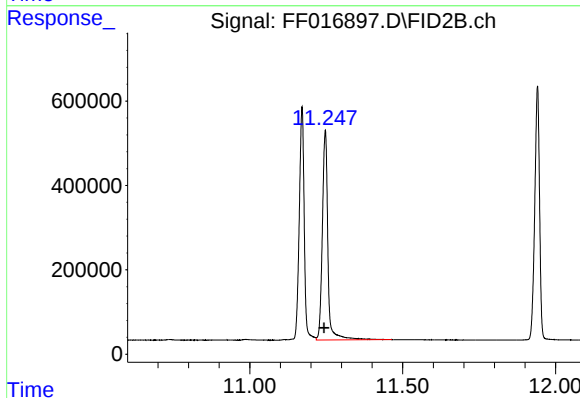
R.T.: 9.763 min
Delta R.T.: 0.003 min
Response: 6194035
Conc: 48.96 ug/ml



#9 Phenanthrene (C19.36)

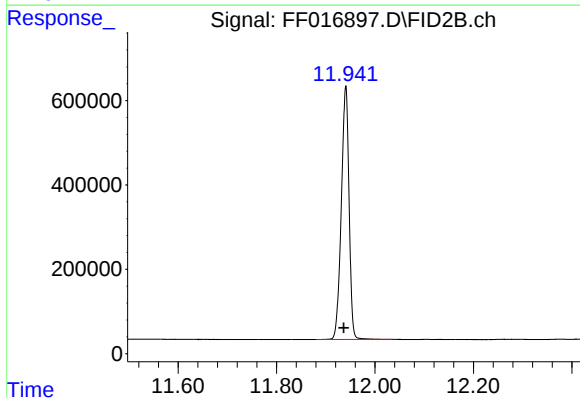
R.T.: 11.171 min
Delta R.T.: 0.003 min
Response: 6209628
Conc: 48.45 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



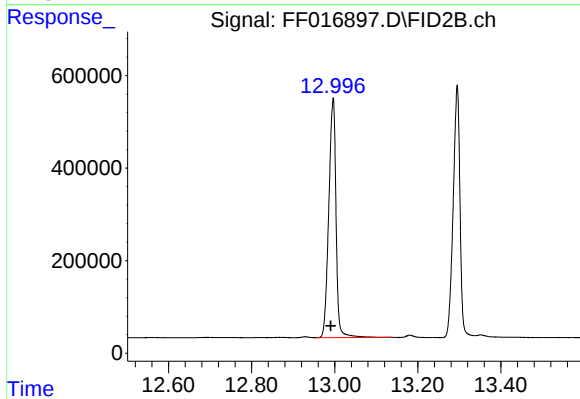
#10 Anthracene (C19.43)

R.T.: 11.247 min
Delta R.T.: 0.004 min
Response: 6255067
Conc: 46.94 ug/ml



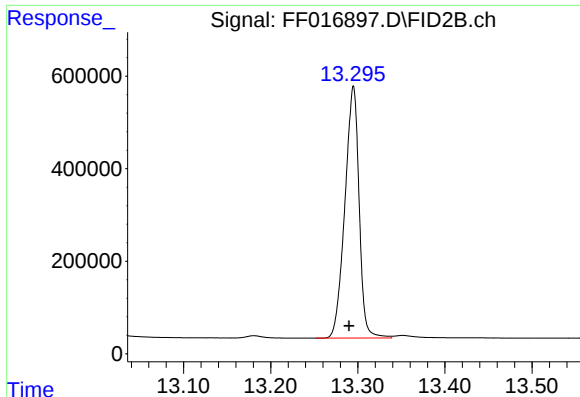
#11 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: 0.004 min
Response: 6560074
Conc: 46.27 ug/ml



#12 Fluoranthene (C21.85)

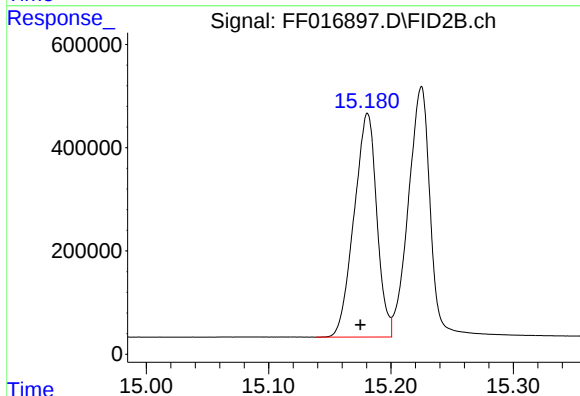
R.T.: 12.996 min
Delta R.T.: 0.005 min
Response: 6261297
Conc: 47.16 ug/ml



#13 Pyrene (C20.8)

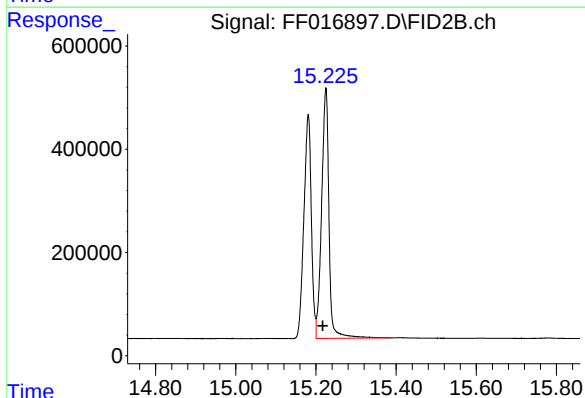
R.T.: 13.295 min
Delta R.T.: 0.005 min
Response: 6188059
Conc: 48.54 ug/ml

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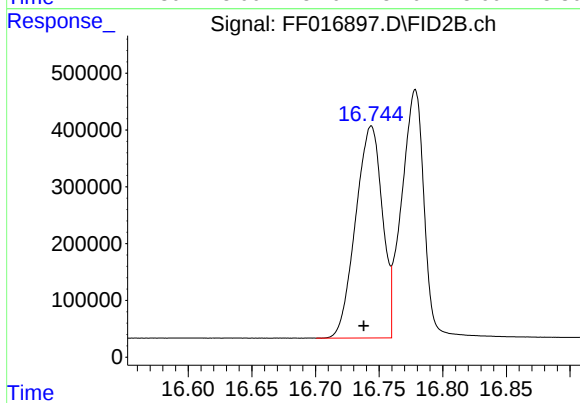
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.006 min
Response: 5589397
Conc: 49.86 ug/ml



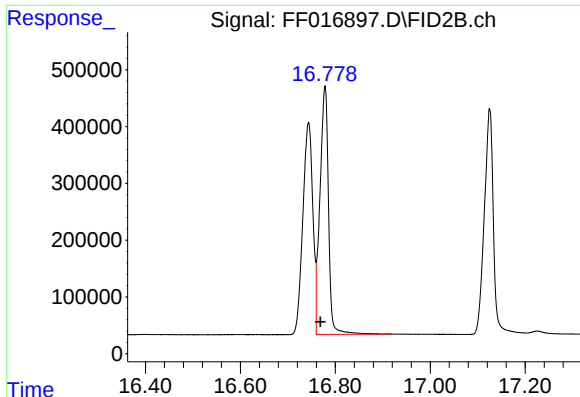
#15 Chrysene (C27.41)

R.T.: 15.225 min
Delta R.T.: 0.008 min
Response: 6154322
Conc: 45.27 ug/ml



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

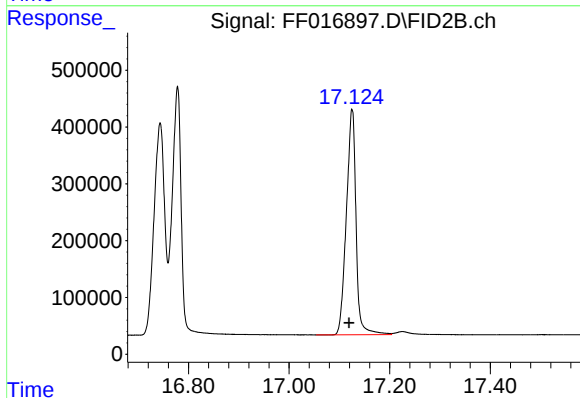
R.T.: 16.744 min
Delta R.T.: 0.006 min
Response: 5456027
Conc: 49.16 ug/ml



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

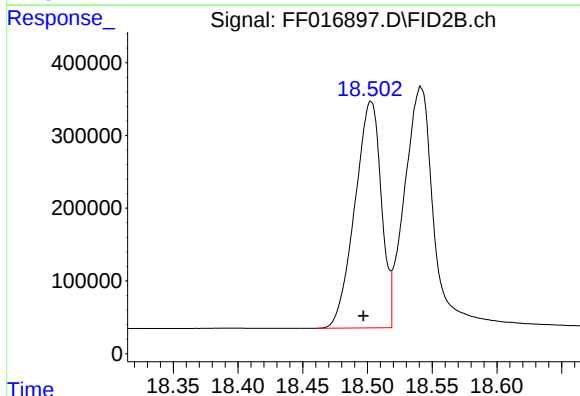
R.T.: 16.778 min
Delta R.T.: 0.009 min
Response: 5441614
Conc: 45.57 ug/ml

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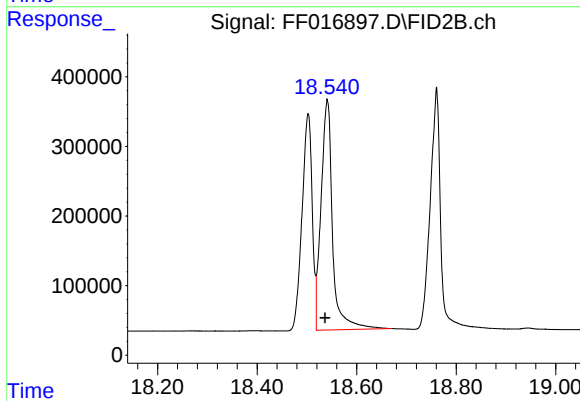
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.125 min
Delta R.T.: 0.006 min
Response: 5311251
Conc: 49.56 ug/ml



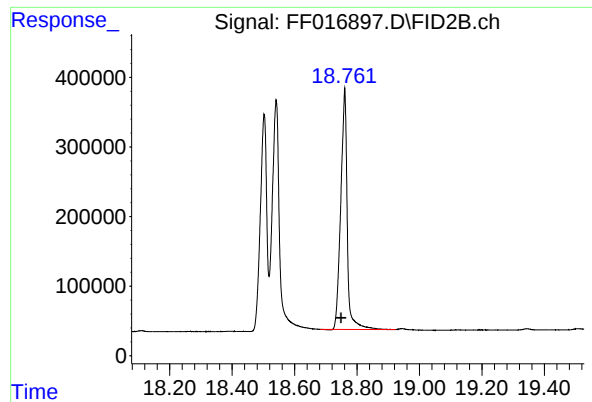
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.502 min
Delta R.T.: 0.005 min
Response: 4423583
Conc: 53.28 ug/ml



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

R.T.: 18.541 min
Delta R.T.: 0.005 min
Response: 5310823
Conc: 45.73 ug/ml



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

R.T.: 18.760 min
Delta R.T.: 0.011 min
Response: 4985967
Conc: 48.03 ug/ml

Instrument :
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ClientSampleId :
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