

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121625AR\
 Data File : FF016901.D
 Signal(s) : FID2B.ch
 Acq On : 16 Dec 2025 21:58
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 17 03:47:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 03:45:59 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...	7.997	2188735	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	8.873	1330726	20.777 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.55%
11) S ortho-Terphenyl (SURR)	11.937	2794718	19.881 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.591	2540234	19.982 ug/ml
2) T Naphthalene (C11.7)	6.267	2547866	20.223 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	2567384	20.427 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2610927	20.049 ug/ml
7) T Acenaphthene (C15.5)	8.970	2672859	20.266 ug/ml
8) T Flouorene (C16.55)	9.760	2527217	20.627 ug/ml
9) T Phenanthrene (C19.36)	11.167	2526311	20.291 ug/ml
10) T Anthracene (C19.43)	11.243	2607177	20.085 ug/ml
12) T Fluoranthene (C21.85)	12.991	2603287	20.044 ug/ml
13) T Pyrene (C20.8)	13.289	2624048	20.240 ug/ml
14) T Benzo[a]anthracene (C...	15.175	2175771	20.524 ug/ml
15) T Chrysene (C27.41)	15.216	2666455	19.711 ug/ml
16) T benzo[b]fluoranthene ...	16.737	2179184	20.519 ug/ml
17) T Bnezo[k]fluoranthene ...	16.768	2356693	19.764 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.119	2108337	19.747 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.496	1659685	20.308 ug/ml
20) T Dibenz[a,h]anthracene...	18.534	2302240	20.518 ug/ml
21) T Benzo[g,h,i]perylene ...	18.750	2068839	20.235 ug/ml

(f)=RT Delta > 1/2 Window

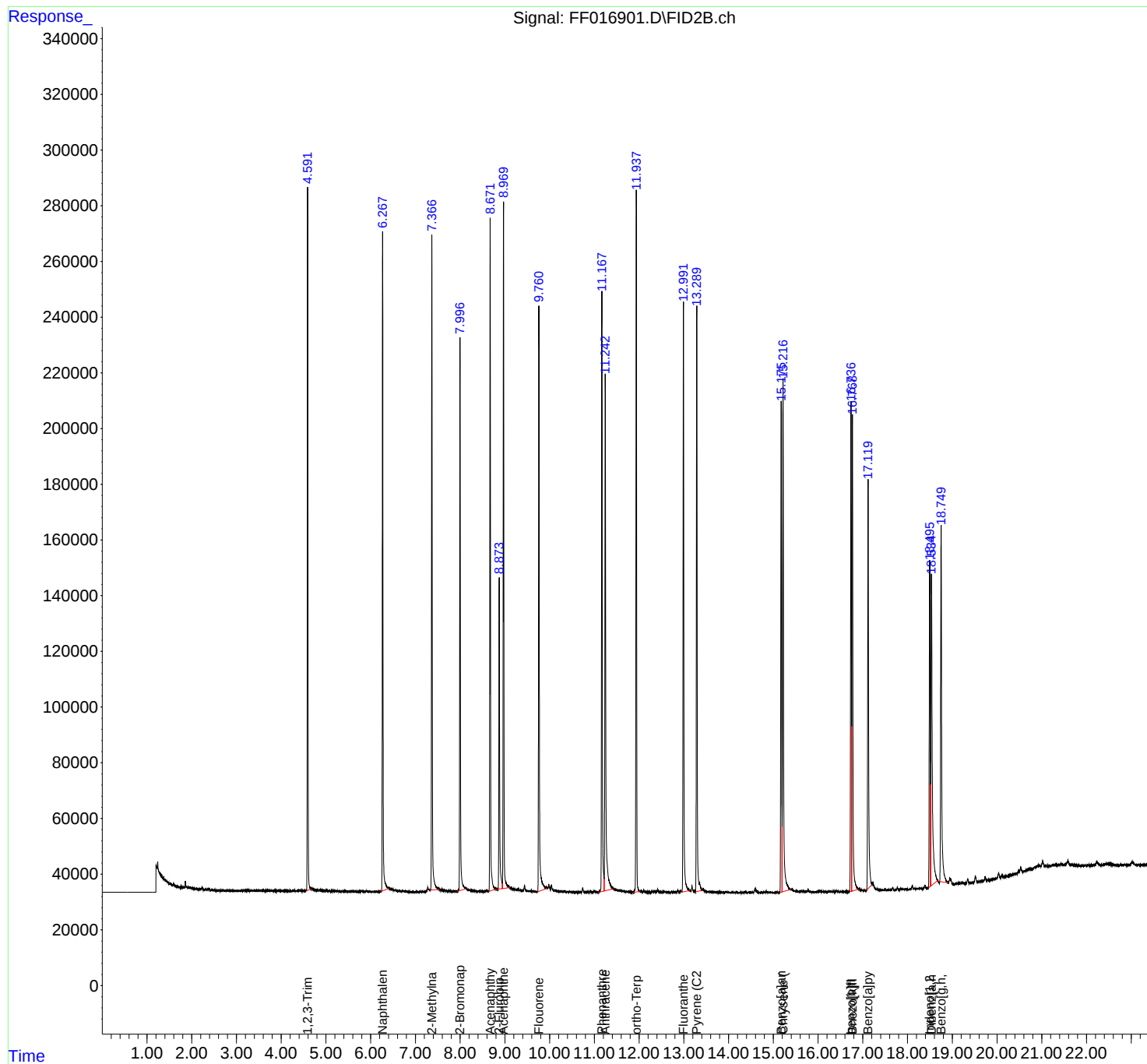
(m)=manual int.

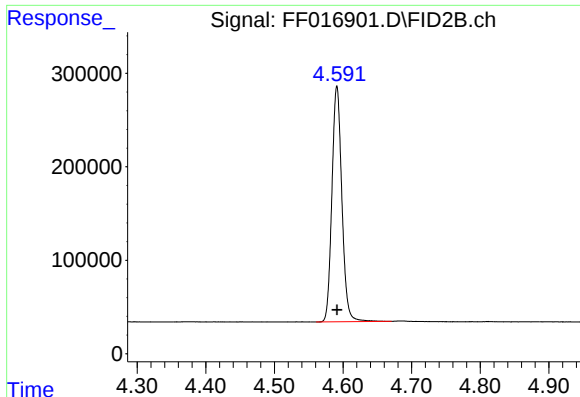
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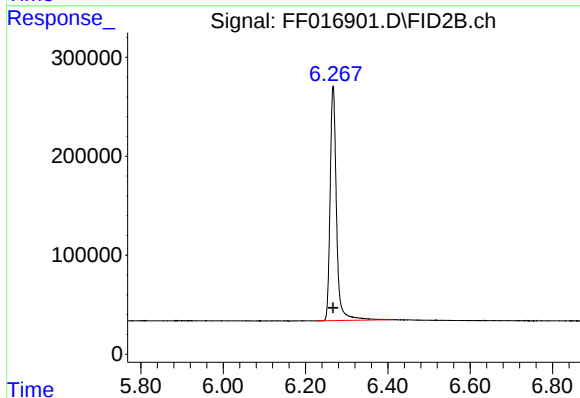




#1 1,2,3-Trimethylbenzene (C10.1)

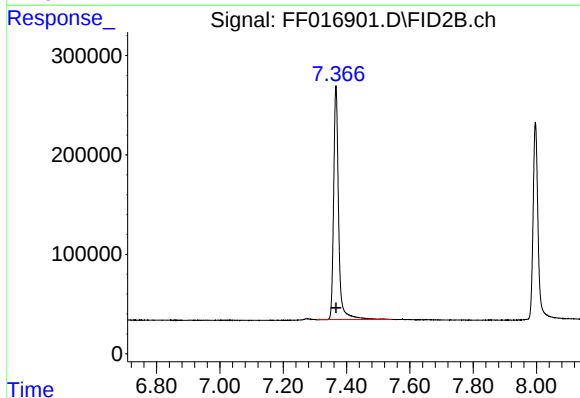
R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 2540234
Conc: 19.98 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD ICV



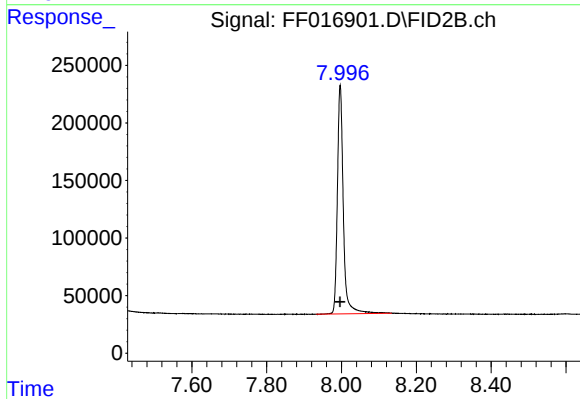
#2 Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 2547866
Conc: 20.22 ug/ml



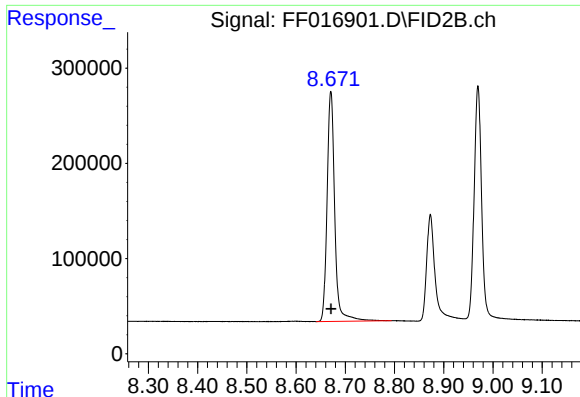
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 2567384
Conc: 20.43 ug/ml



#4 2-Bromonaphthalene (SURR)

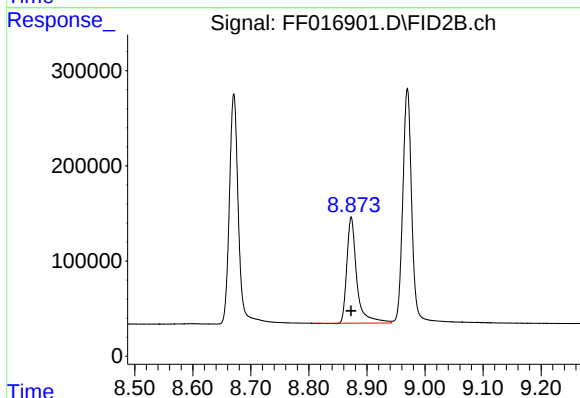
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 2188735
Conc: 20.33 ug/ml



#5 Acenaphthylene (C15.06)

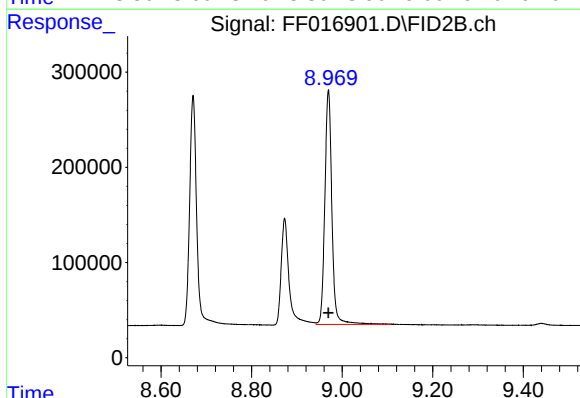
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 2610927
Conc: 20.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



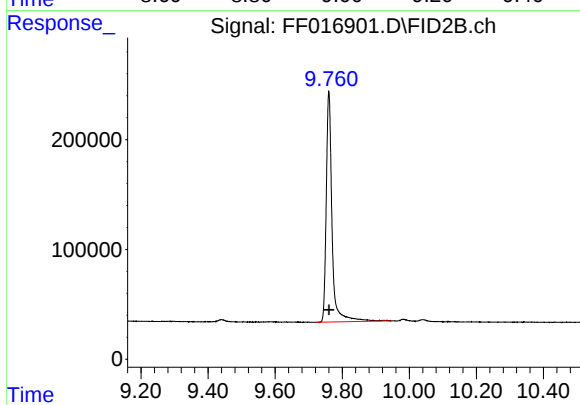
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 1330726
Conc: 20.78 ug/ml



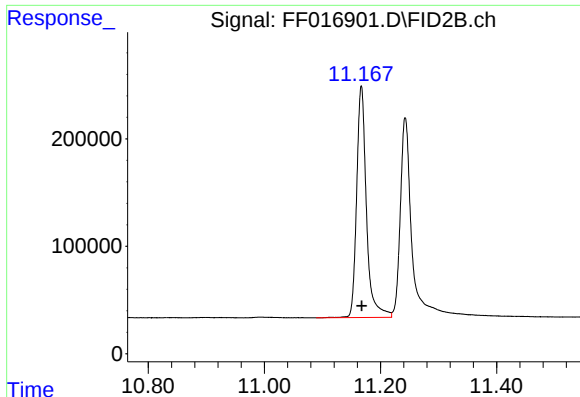
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 2672859
Conc: 20.27 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 2527217
Conc: 20.63 ug/ml



#9 Phenanthrene (C19.36)

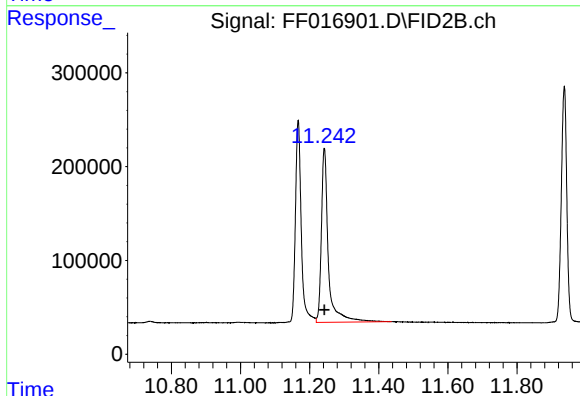
R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 2526311
Conc: 20.29 ug/ml

Instrument :

FID_F

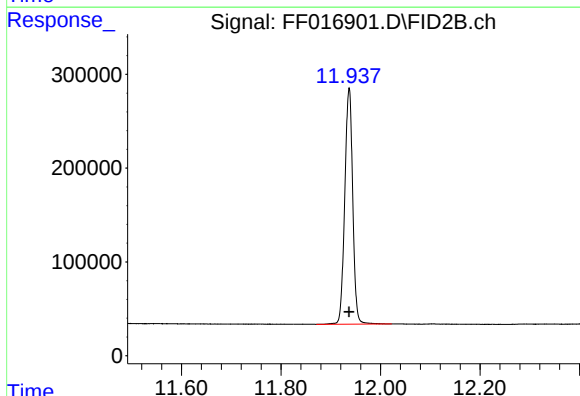
ClientSampleId :

20 PPM AROMATIC HC STD ICV



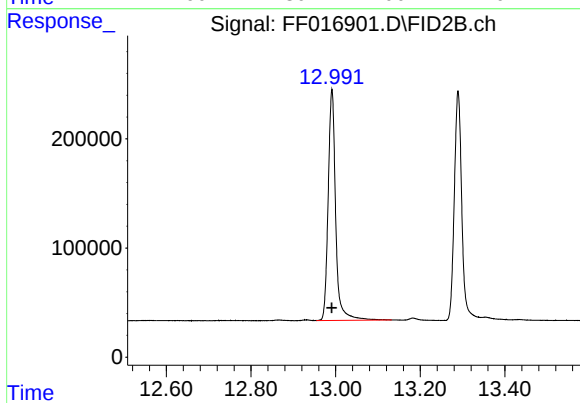
#10 Anthracene (C19.43)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 2607177
Conc: 20.09 ug/ml



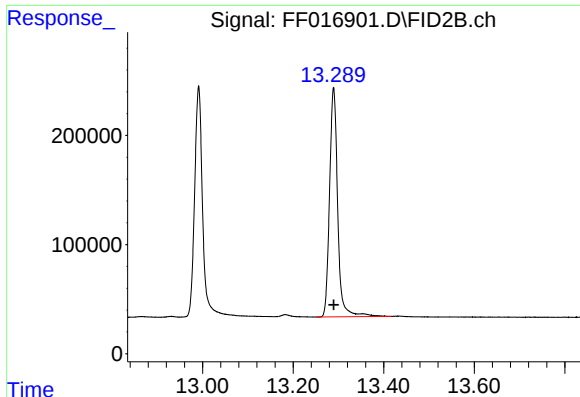
#11 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: 0.000 min
Response: 2794718
Conc: 19.88 ug/ml



#12 Fluoranthene (C21.85)

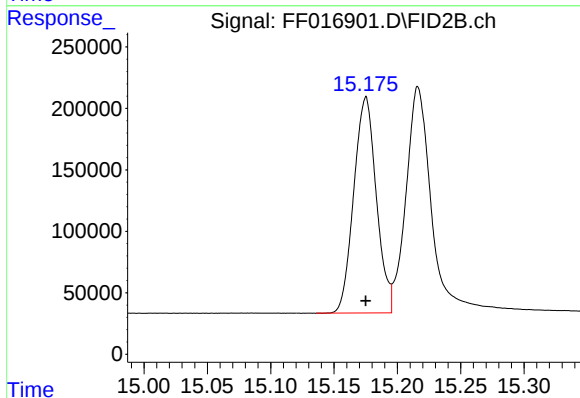
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 2603287
Conc: 20.04 ug/ml



#13 Pyrene (C20.8)

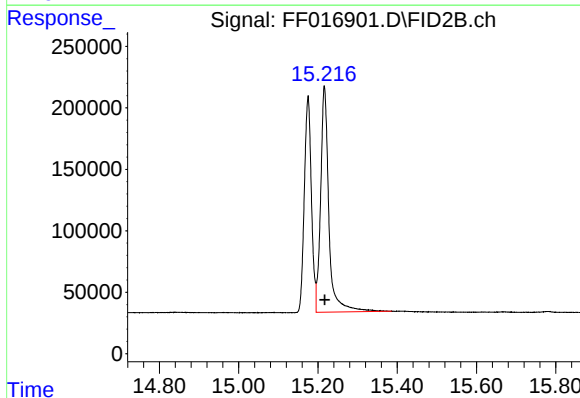
R.T.: 13.289 min
Delta R.T.: 0.000 min
Response: 2624048
Conc: 20.24 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



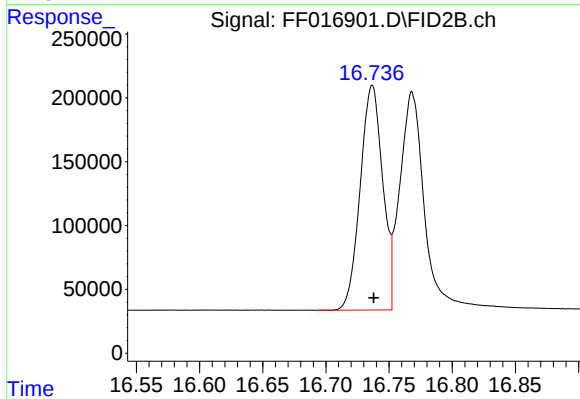
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.175 min
Delta R.T.: 0.000 min
Response: 2175771
Conc: 20.52 ug/ml



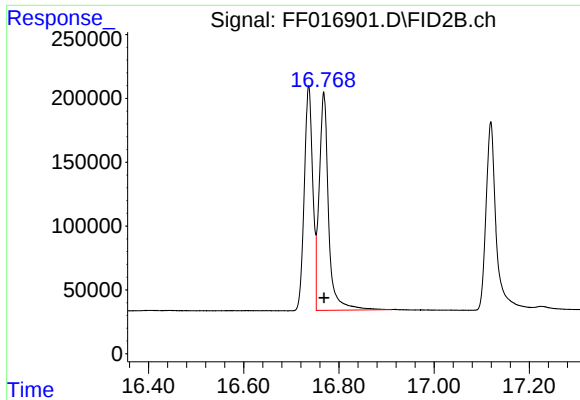
#15 Chrysene (C27.41)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 2666455
Conc: 19.71 ug/ml



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

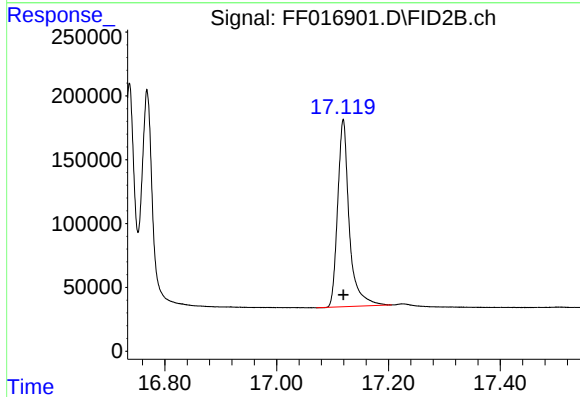
R.T.: 16.737 min
Delta R.T.: -0.001 min
Response: 2179184
Conc: 20.52 ug/ml



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

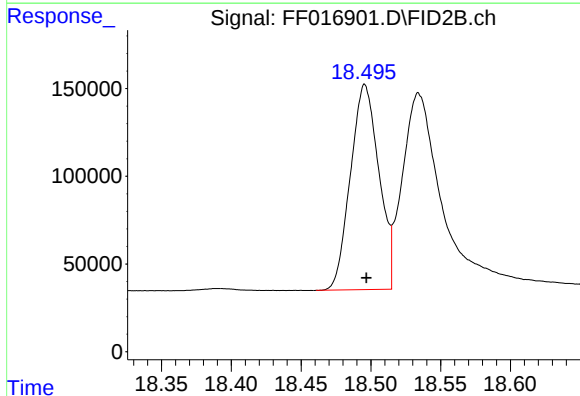
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 2356693
Conc: 19.76 ug/ml

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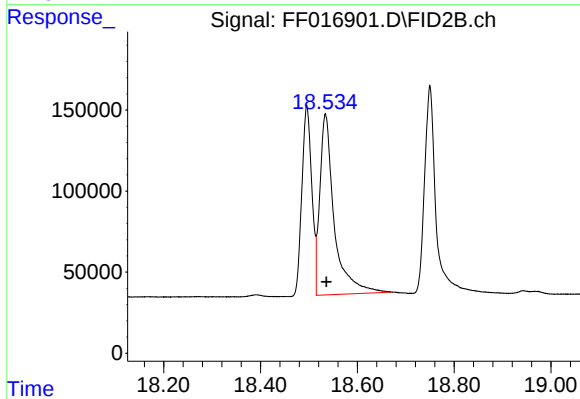
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: 0.000 min
Response: 2108337
Conc: 19.75 ug/ml



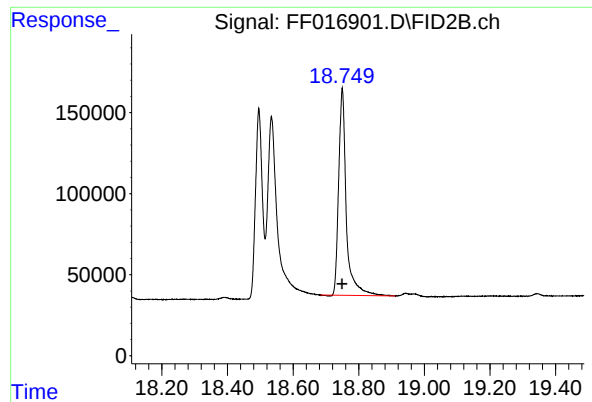
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.496 min
Delta R.T.: -0.001 min
Response: 1659685
Conc: 20.31 ug/ml



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

R.T.: 18.534 min
Delta R.T.: -0.002 min
Response: 2302240
Conc: 20.52 ug/ml



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

R.T.: 18.750 min
Delta R.T.: 0.000 min
Response: 2068839
Conc: 20.24 ug/ml

Instrument :
FID_F
ClientSampleId :
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