

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AR\
 Data File : FG015006.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 14:53
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 20 15:42:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 15:37:30 2024
 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...	8.003	6072431	49.537 ug/ml
Spiked Amount 50.000		Recovery =	99.07%
6) S 2-Fluorobiphenyl (SURR)	8.881	4200052	49.503 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.01%
11) S ortho-Terphenyl (SURR)	11.961	7105113	49.500 ug/ml
Spiked Amount 50.000		Recovery =	99.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.591	6334376	49.476 ug/ml
2) T Naphthalene (C11.7)	6.270	6698194	49.537 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	6653404	49.529 ug/ml
5) T Acenaphthylene (C15.06)	8.681	6916761	49.515 ug/ml
7) T Acenaphthene (C15.5)	8.983	6753623	49.543 ug/ml
8) T Flouorene (C16.55)	9.776	6967635	49.536 ug/ml
9) T Phenanthrene (C19.36)	11.188	6979177	49.563 ug/ml
10) T Anthracene (C19.43)	11.264	6764273	49.464 ug/ml
12) T Fluoranthene (C21.85)	13.018	7089137	49.549 ug/ml
13) T Pyrene (C20.8)	13.318	7070184	49.562 ug/ml
14) T Benzo[a]anthracene (C...	15.205	7012136	49.536 ug/ml
15) T Chrysene (C27.41)	15.250	6944935	49.508 ug/ml
16) T benzo[b]fluoranthene ...	16.768	6948015	49.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.805	6808941	49.401 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.151	6536953	49.478 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.525	6209801	49.321 ug/ml
20) T Dibenz[a,h]anthracene...	18.567	6463729	49.417 ug/ml
21) T Benzo[g,h,i]perylene ...	18.786	6428583	49.538 ug/ml

(f)=RT Delta > 1/2 Window

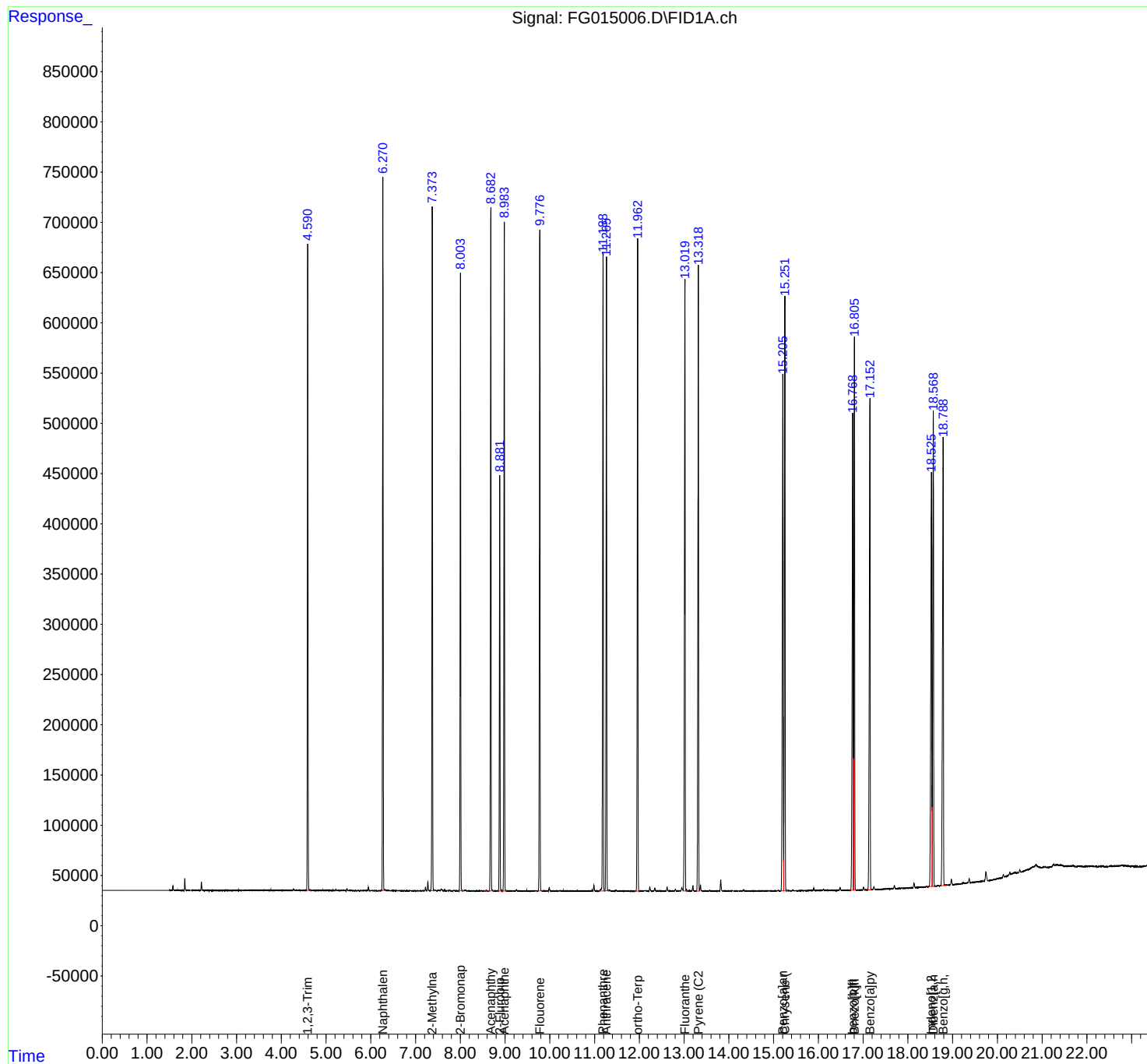
(m)=manual int.

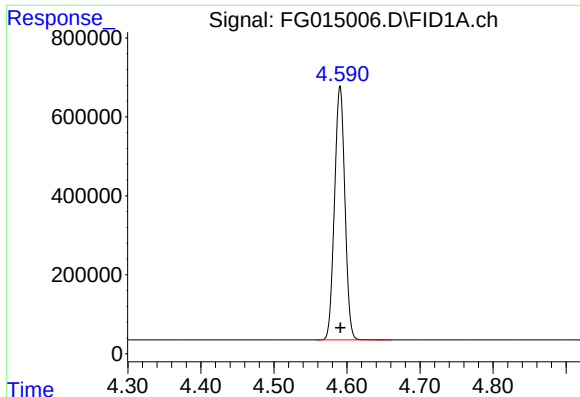
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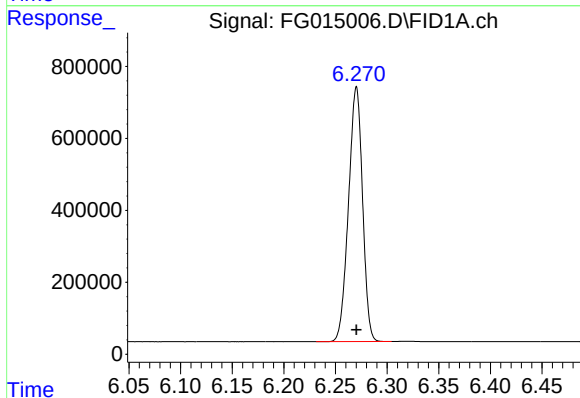




#1 1,2,3-Trimethylbenzene (C10.1)

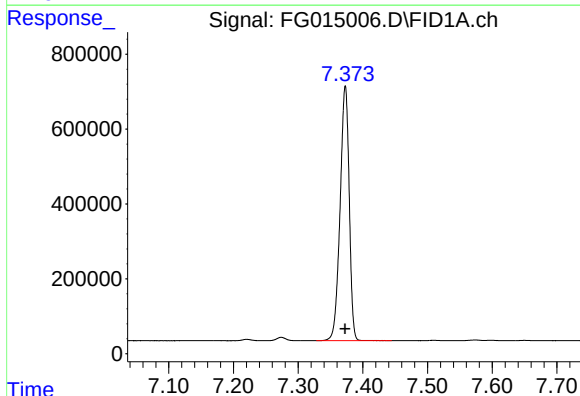
R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 6334376
Conc: 49.48 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



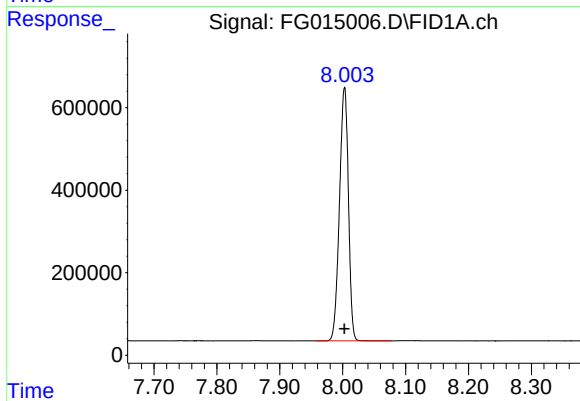
#2 Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 6698194
Conc: 49.54 ug/ml



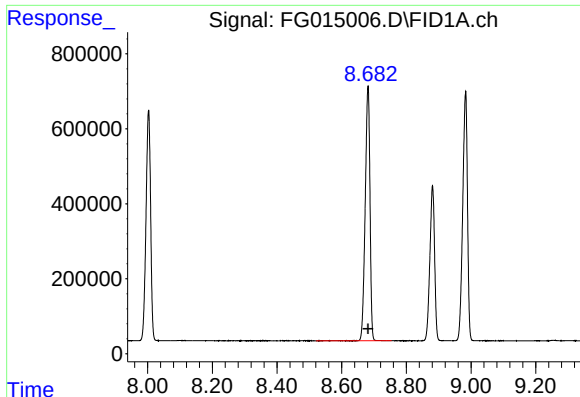
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 6653404
Conc: 49.53 ug/ml



#4 2-Bromonaphthalene (SURR)

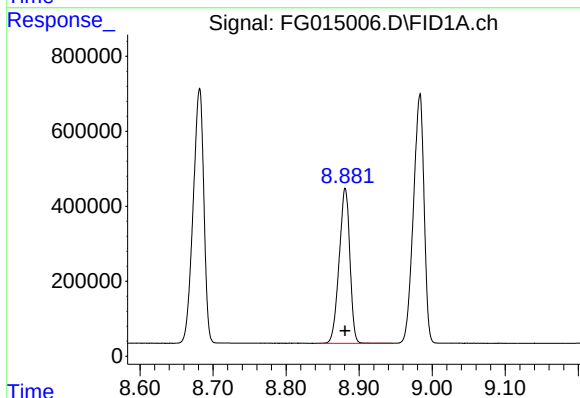
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 6072431
Conc: 49.54 ug/ml



#5 Acenaphthylene (C15.06)

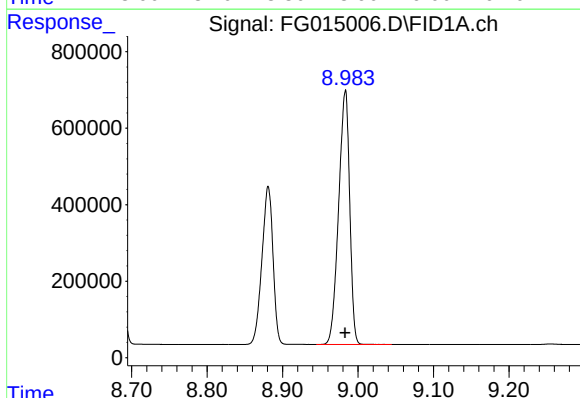
R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 6916761
Conc: 49.51 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



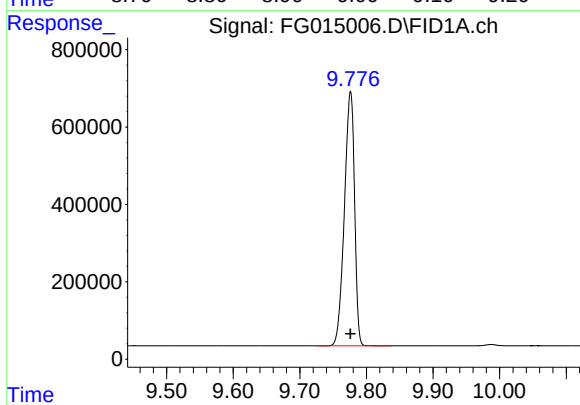
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 4200052
Conc: 49.50 ug/ml



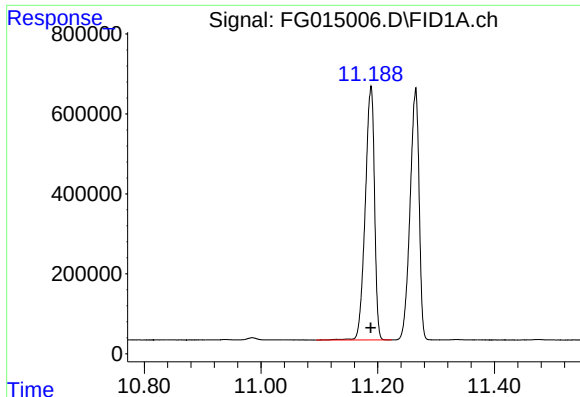
#7 Acenaphthene (C15.5)

R.T.: 8.983 min
Delta R.T.: 0.000 min
Response: 6753623
Conc: 49.54 ug/ml



#8 Fluorene (C16.55)

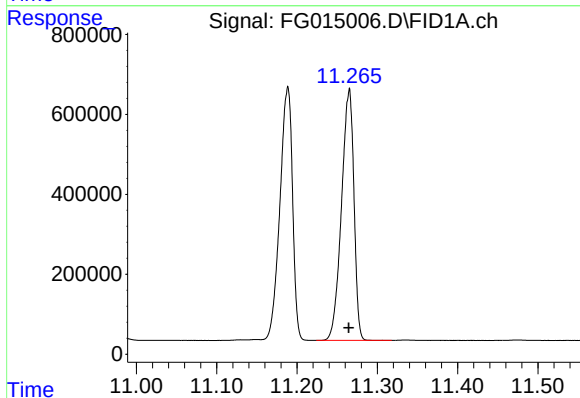
R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 6967635
Conc: 49.54 ug/ml



#9 Phenanthrene (C19.36)

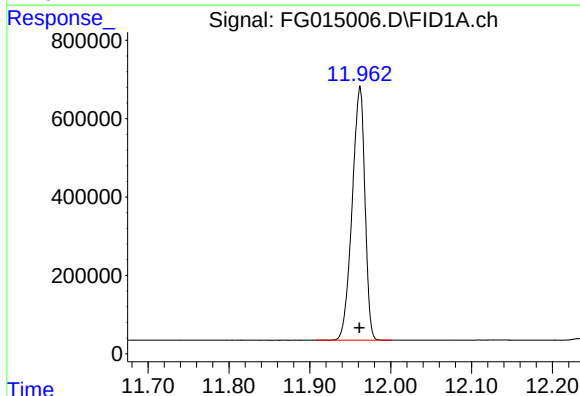
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 6979177
Conc: 49.56 ug/ml

Instrument :
FID_G
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50 PPM AROMATIC HC STD2



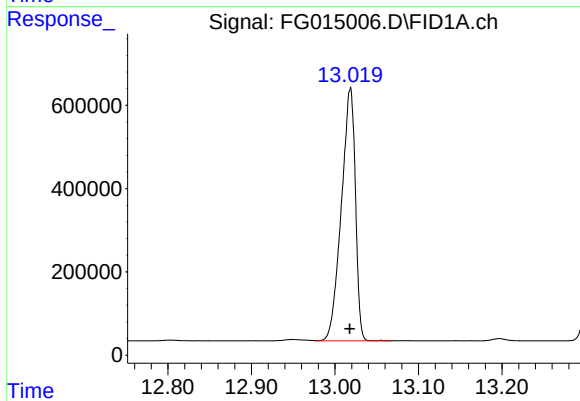
#10 Anthracene (C19.43)

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 6764273
Conc: 49.46 ug/ml



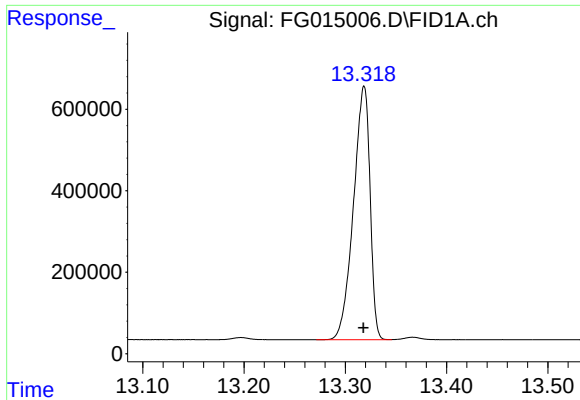
#11 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: 0.000 min
Response: 7105113
Conc: 49.50 ug/ml



#12 Fluoranthene (C21.85)

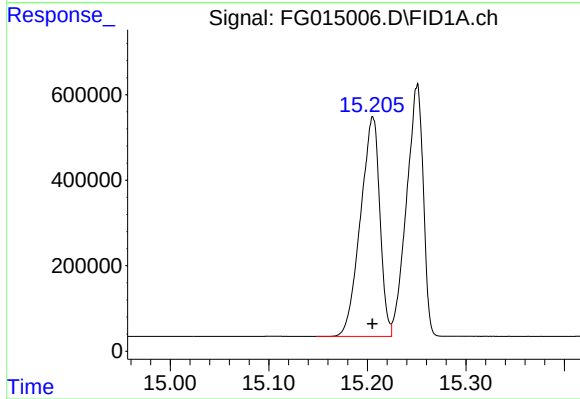
R.T.: 13.018 min
Delta R.T.: 0.000 min
Response: 7089137
Conc: 49.55 ug/ml



#13 Pyrene (C20.8)

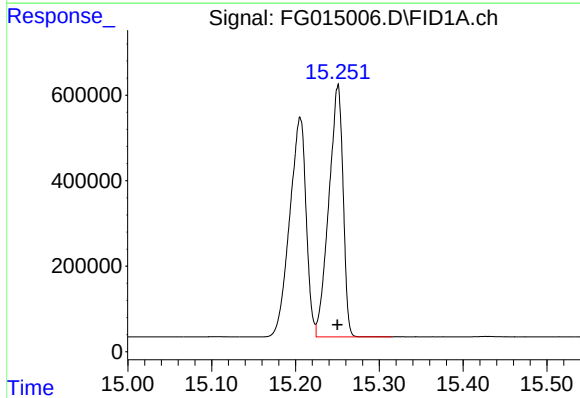
R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 7070184
Conc: 49.56 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



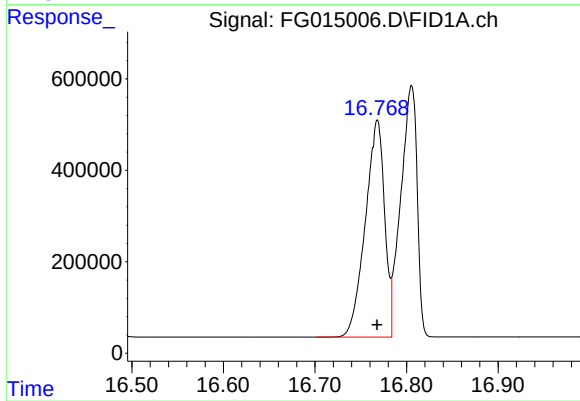
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.205 min
Delta R.T.: 0.000 min
Response: 7012136
Conc: 49.54 ug/ml



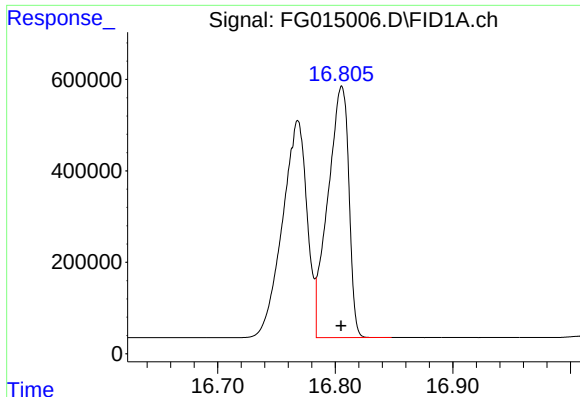
#15 Chrysene (C27.41)

R.T.: 15.250 min
Delta R.T.: 0.000 min
Response: 6944935
Conc: 49.51 ug/ml



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

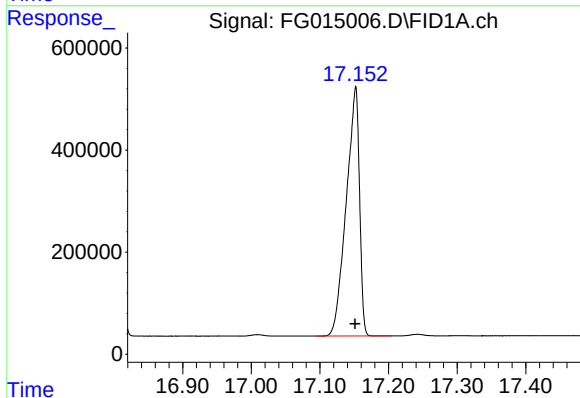
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 6948015
Conc: 49.50 ug/ml



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

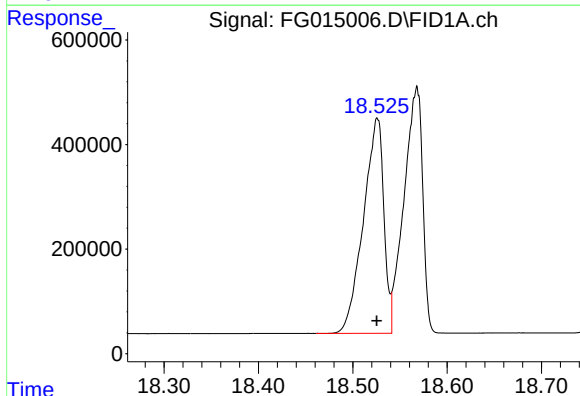
R.T.: 16.805 min
Delta R.T.: 0.000 min
Response: 6808941
Conc: 49.40 ug/ml

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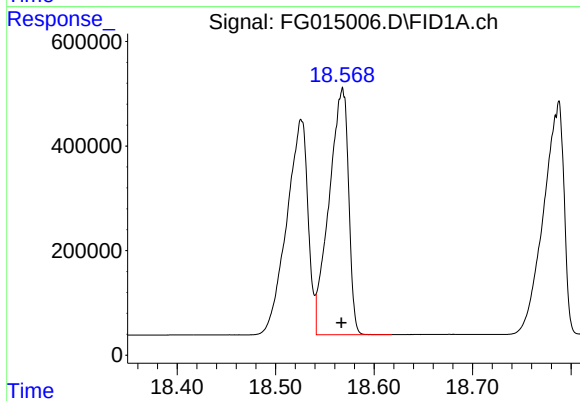
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.151 min
Delta R.T.: 0.000 min
Response: 6536953
Conc: 49.48 ug/ml



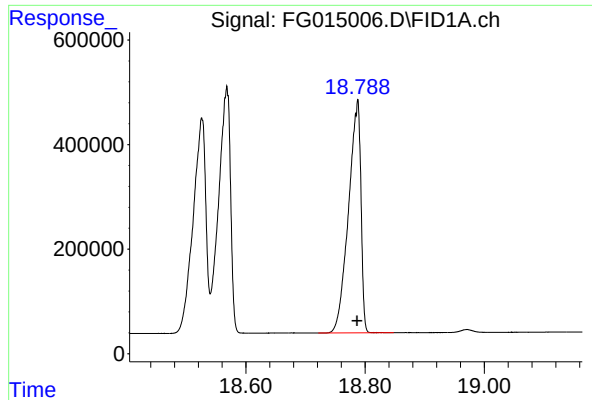
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.525 min
Delta R.T.: 0.000 min
Response: 6209801
Conc: 49.32 ug/ml



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

R.T.: 18.567 min
Delta R.T.: 0.000 min
Response: 6463729
Conc: 49.42 ug/ml



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

R.T.: 18.786 min
Delta R.T.: 0.000 min
Response: 6428583
Conc: 49.54 ug/ml

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ClientSampleId :
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