

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110624AR\
 Data File : FG014660.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 10:28
 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: Nov 06 15:30:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 110624.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 15:26:20 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...	8.011	6323366	47.552 ug/ml
Spiked Amount 50.000		Recovery =	95.10%
6) S 2-Fluorobiphenyl (SURR)	8.886	4279081	47.589 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.18%
11) S ortho-Terphenyl (SURR)	11.958	7167439	47.443 ug/ml
Spiked Amount 50.000		Recovery =	94.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.614	7091407	47.516 ug/ml
2) T Naphthalene (C11.7)	6.285	7377166	47.387 ug/ml
3) T 2-Methylnaphthalene (...)	7.383	7442431	47.576 ug/ml
5) T Acenaphthylene (C15.06)	8.687	7276993	47.536 ug/ml
7) T Acenaphthene (C15.5)	8.988	7268134	47.539 ug/ml
8) T Fluorene (C16.55)	9.778	7106221	47.560 ug/ml
9) T Phenanthrene (C19.36)	11.187	7123357	47.621 ug/ml
10) T Anthracene (C19.43)	11.263	6616090	47.591 ug/ml
12) T Fluoranthene (C21.85)	13.011	6989149	47.450 ug/ml
13) T Pyrene (C20.8)	13.310	6921411	47.476 ug/ml
14) T Benzo[a]anthracene (C...	15.192	6525577	47.680 ug/ml
15) T Chrysene (C27.41)	15.236	6602401	47.623 ug/ml
16) T benzo[b]fluoranthene ...	16.750	6568824	47.498 ug/ml
17) T Bnezo[k]fluoranthene ...	16.785	6115967	47.699 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.133	6374806	47.668 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.503	6053237	47.242 ug/ml
20) T Dibenz[a,h]anthracene...	18.544	6148448	48.039 ug/ml
21) T Benzo[g,h,i]perylene ...	18.764	6369694	47.508 ug/ml

(f)=RT Delta > 1/2 Window

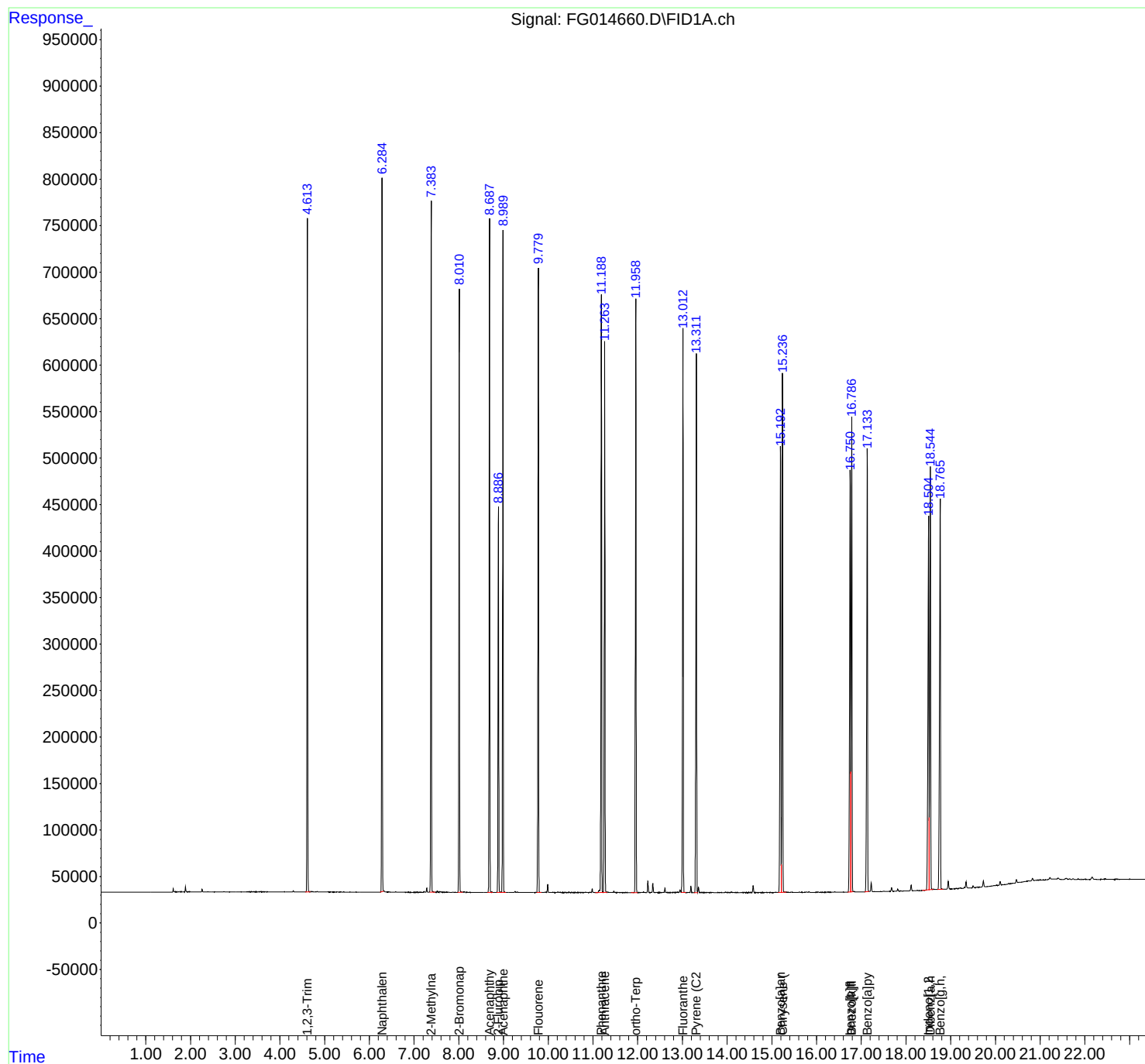
(m)=manual int.

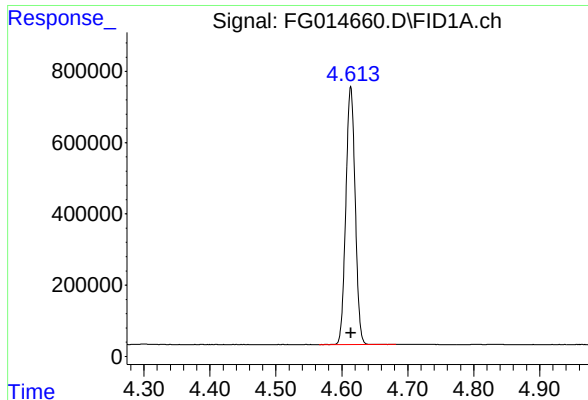
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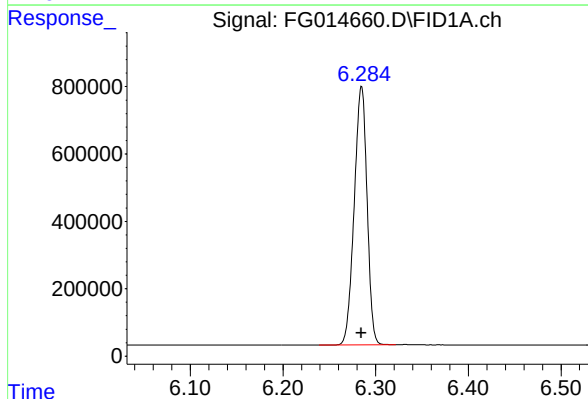




#1 1,2,3-Trimethylbenzene (C10.1)

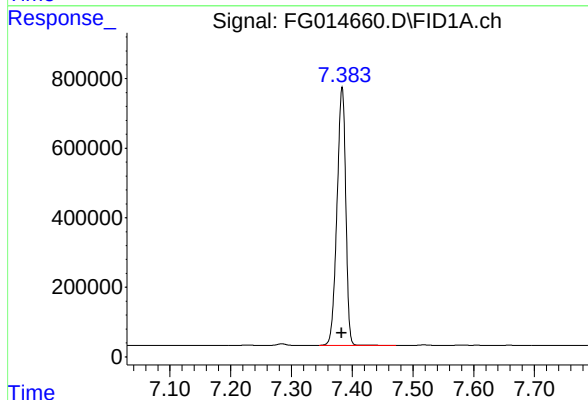
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 7091407
Conc: 47.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



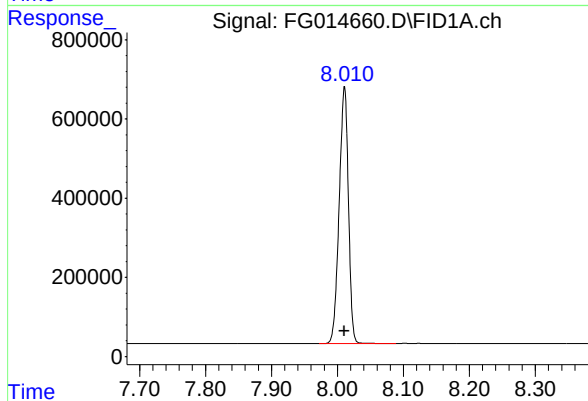
#2 Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 7377166
Conc: 47.39 ug/ml



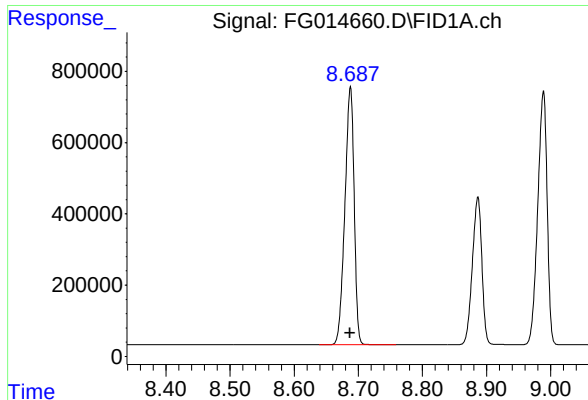
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 7442431
Conc: 47.58 ug/ml



#4 2-Bromonaphthalene (SURR)

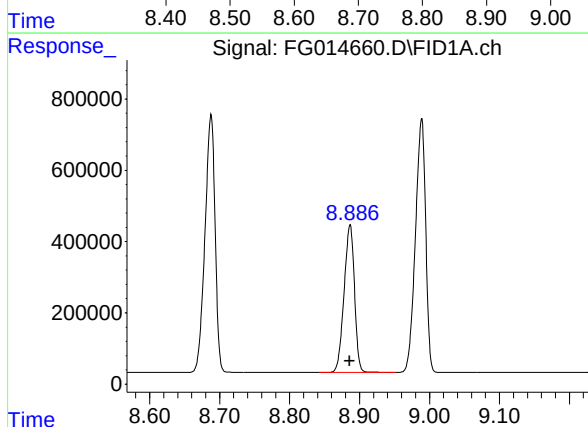
R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 6323366
Conc: 47.55 ug/ml



#5 Acenaphthylene (C15.06)

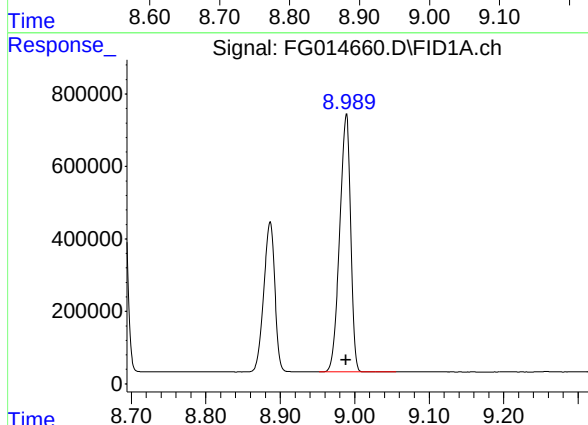
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 7276993
Conc: 47.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



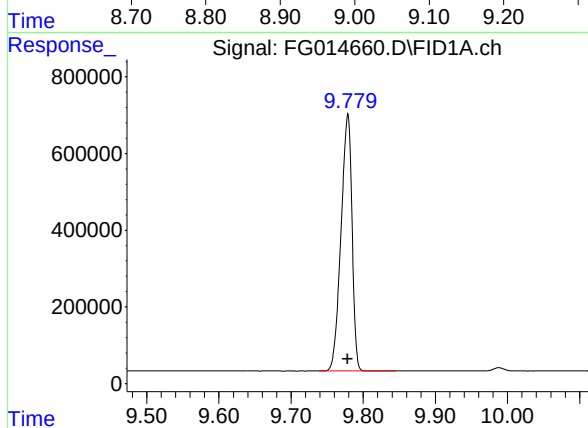
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 4279081
Conc: 47.59 ug/ml



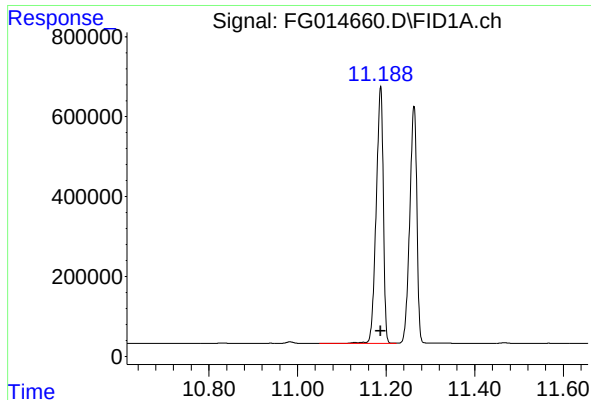
#7 Acenaphthene (C15.5)

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 7268134
Conc: 47.54 ug/ml



#8 Fluorene (C16.55)

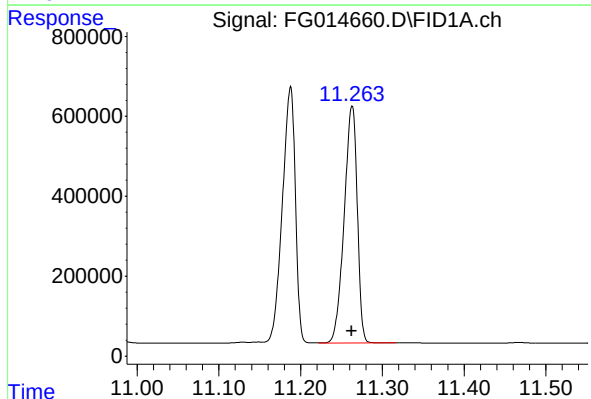
R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 7106221
Conc: 47.56 ug/ml



#9 Phenanthrene (C19.36)

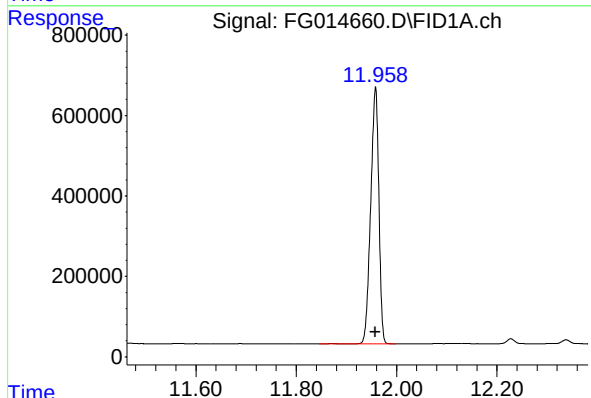
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 7123357
Conc: 47.62 ug/ml

Instrument :
FID_G
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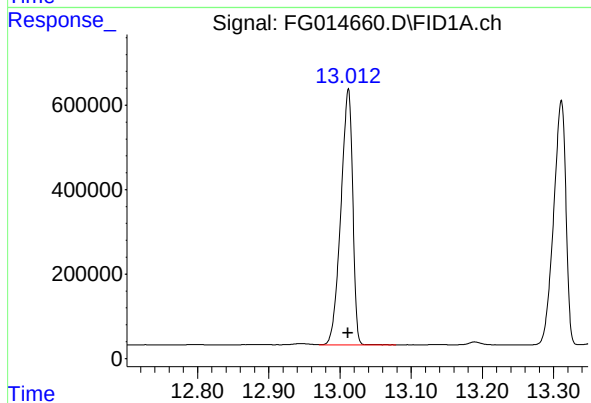
#10 Anthracene (C19.43)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 6616090
Conc: 47.59 ug/ml



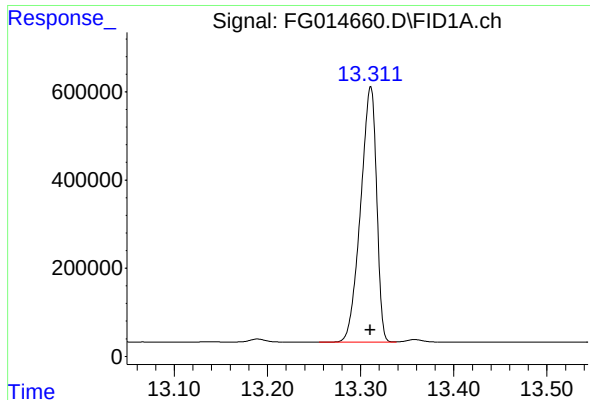
#11 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: 0.000 min
Response: 7167439
Conc: 47.44 ug/ml



#12 Fluoranthene (C21.85)

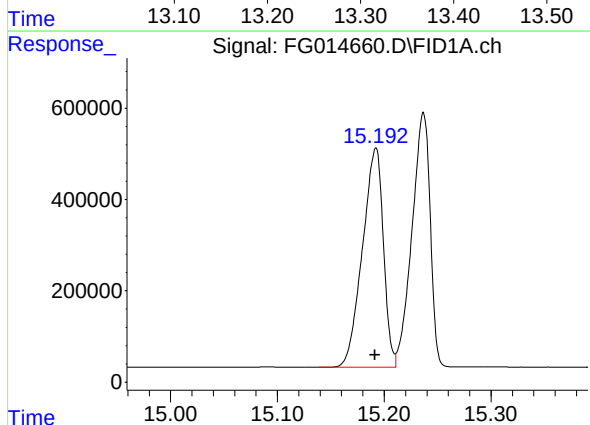
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 6989149
Conc: 47.45 ug/ml



#13 Pyrene (C20.8)

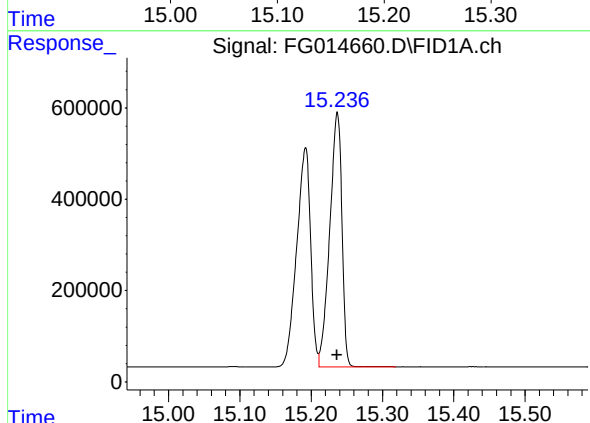
R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 6921411
Conc: 47.48 ug/ml

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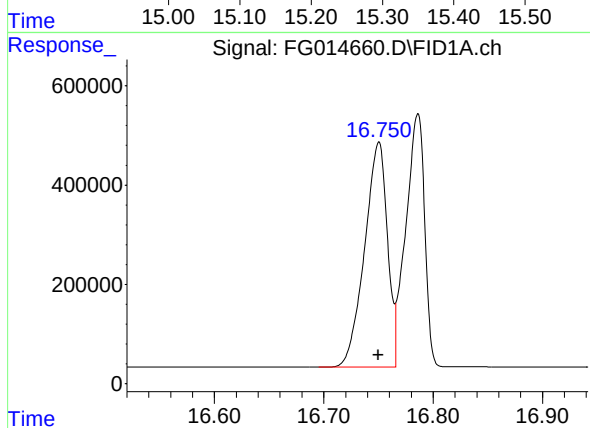
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.192 min
Delta R.T.: 0.000 min
Response: 6525577
Conc: 47.68 ug/ml



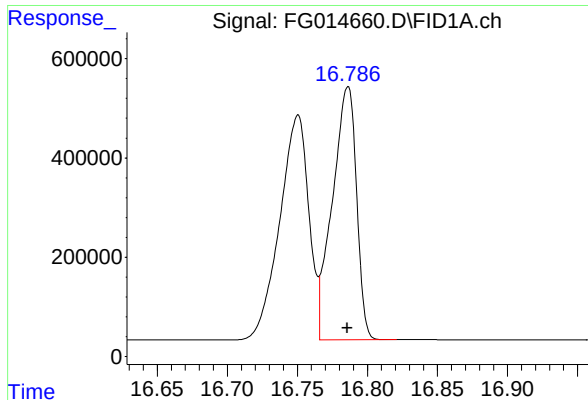
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: 0.000 min
Response: 6602401
Conc: 47.62 ug/ml



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

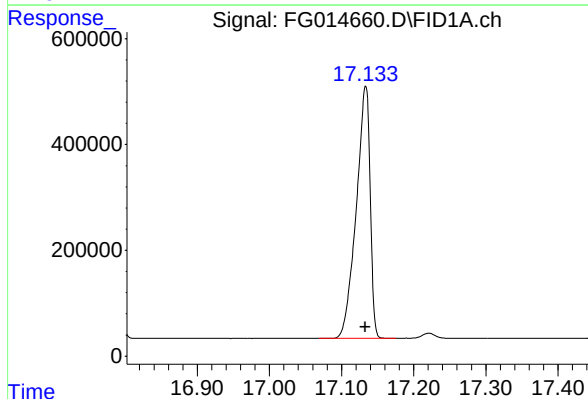
R.T.: 16.750 min
Delta R.T.: 0.000 min
Response: 6568824
Conc: 47.50 ug/ml



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

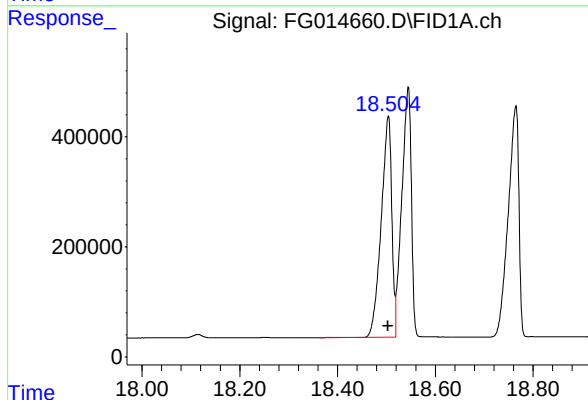
R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 6115967
Conc: 47.70 ug/ml

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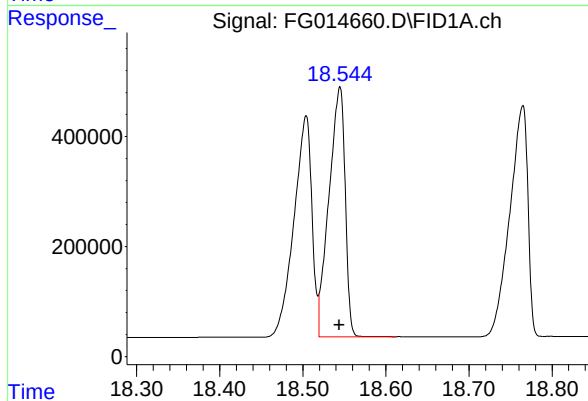
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 6374806
Conc: 47.67 ug/ml



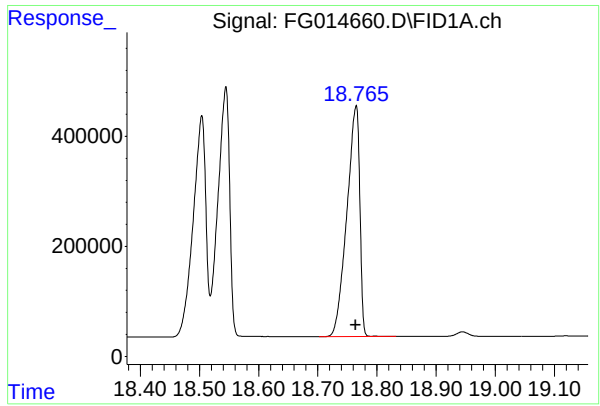
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.503 min
Delta R.T.: 0.000 min
Response: 6053237
Conc: 47.24 ug/ml



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

R.T.: 18.544 min
Delta R.T.: 0.000 min
Response: 6148448
Conc: 48.04 ug/ml



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

R.T.: 18.764 min
Delta R.T.: 0.000 min
Response: 6369694
Conc: 47.51 ug/ml

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