

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080724AR\
 Data File : FG014081.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 12:00
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 08 04:42:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:31:37 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...	7.895	7015851	62.536 ug/ml
Spiked Amount 50.000		Recovery =	125.07%
6) S 2-Fluorobiphenyl (SURR)	8.767	4543295	60.499 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	121.00%
11) S ortho-Terphenyl (SURR)	11.837	7071409	53.456 ug/ml
Spiked Amount 50.000		Recovery =	106.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	451159	3.492 ug/ml
2) T Naphthalene (C11.7)	6.166	481947	3.624 ug/ml
3) T 2-Methylnaphthalene (...)	7.264	498855	3.771 ug/ml
5) T Acenaphthylene (C15.06)	8.564	502209	3.795 ug/ml
7) T Acenaphthene (C15.5)	8.863	565095	4.178 ug/ml
8) T Fluorene (C16.55)	9.655	511547	3.980 ug/ml
9) T Phenanthrene (C19.36)	11.061	469633	3.768 ug/ml
10) T Anthracene (C19.43)	11.137	465363	3.700 ug/ml
12) T Fluoranthene (C21.85)	12.883	535953	4.200 ug/ml
13) T Pyrene (C20.8)	13.180	536547	4.219 ug/ml
14) T Benzo[a]anthracene (C...	15.065	466895	4.007 ug/ml
15) T Chrysene (C27.41)	15.106	528911	3.878 ug/ml
16) T benzo[b]fluoranthene ...	16.625	475271	3.844 ug/ml
17) T Bnezo[k]fluoranthene ...	16.655	620069	4.638 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.007	480134	3.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.383	389851	3.808 ug/ml
20) T Dibenz[a,h]anthracene...	18.424	646338	4.235 ug/ml
21) T Benzo[g,h,i]perylene ...	18.633	542199	3.906 ug/ml

(f)=RT Delta > 1/2 Window

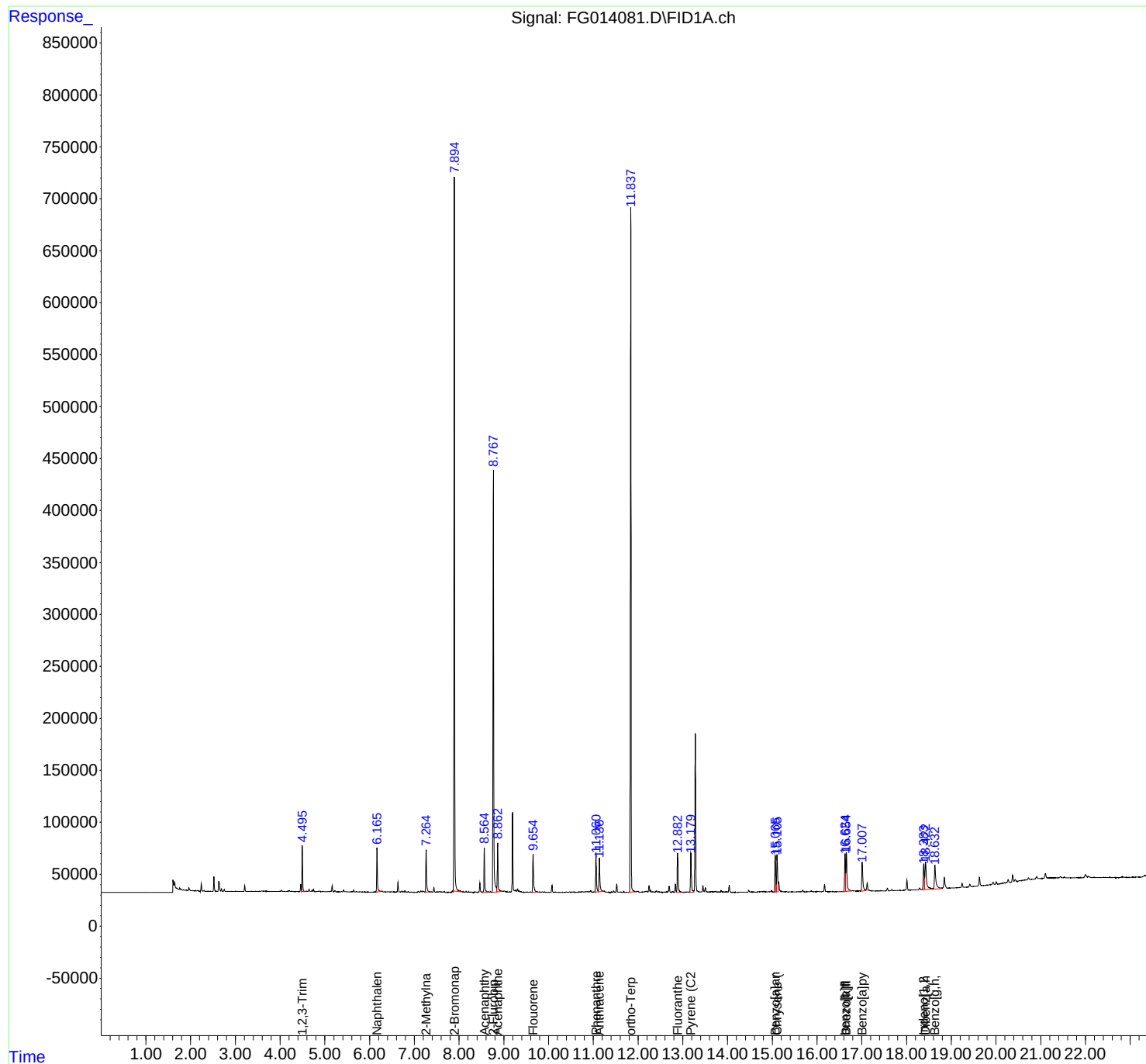
(m)=manual int.

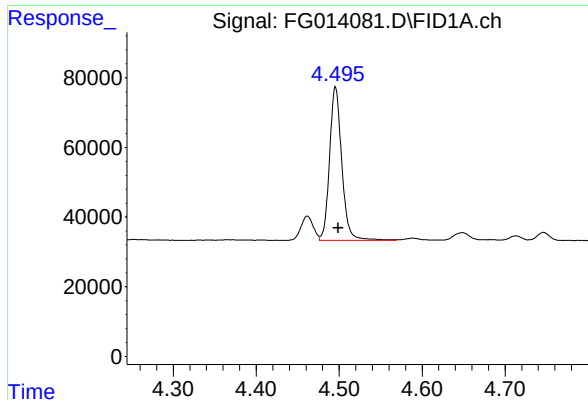
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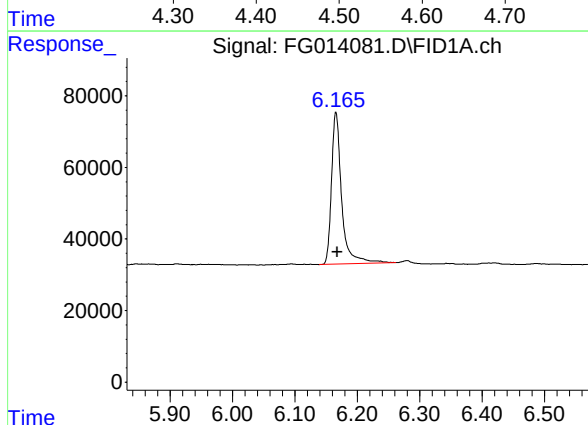




#1 1,2,3-Trimethylbenzene (C10.1)

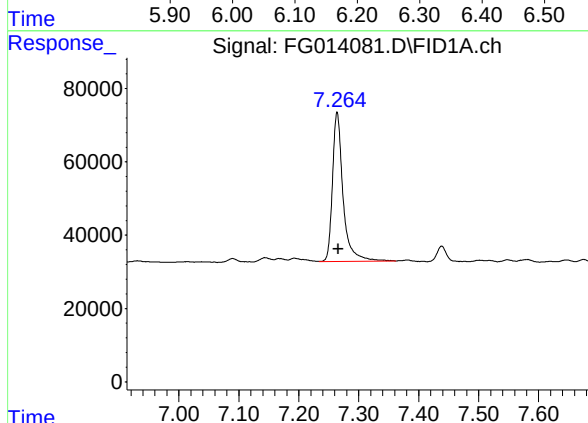
R.T.: 4.496 min
Delta R.T.: -0.003 min
Response: 451159
Conc: 3.49 ug/ml

Instrument :
FID_G
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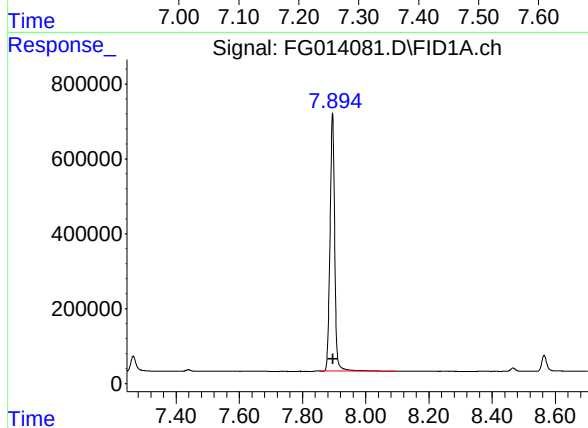
#2 Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 481947
Conc: 3.62 ug/ml



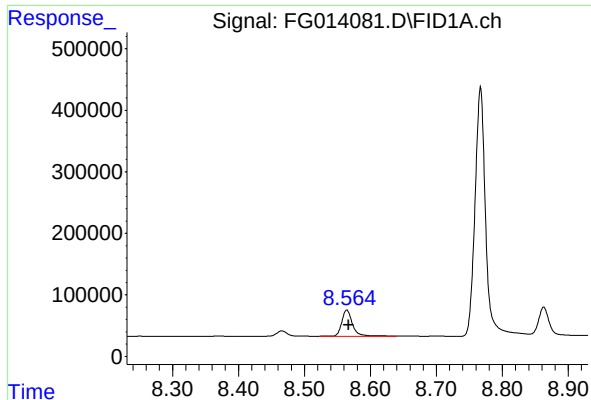
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: -0.001 min
Response: 498855
Conc: 3.77 ug/ml



#4 2-Bromonaphthalene (SURR)

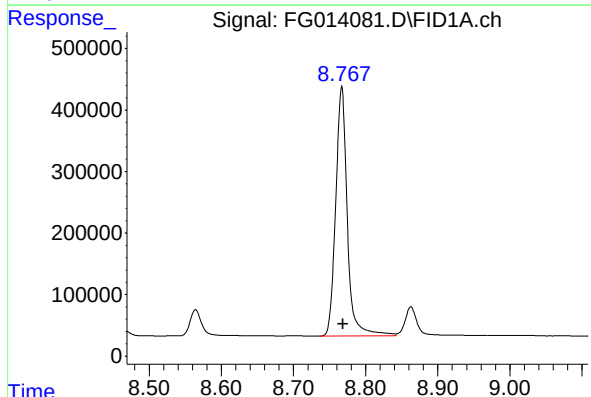
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 7015851
Conc: 62.54 ug/ml



#5 Acenaphthylene (C15.06)

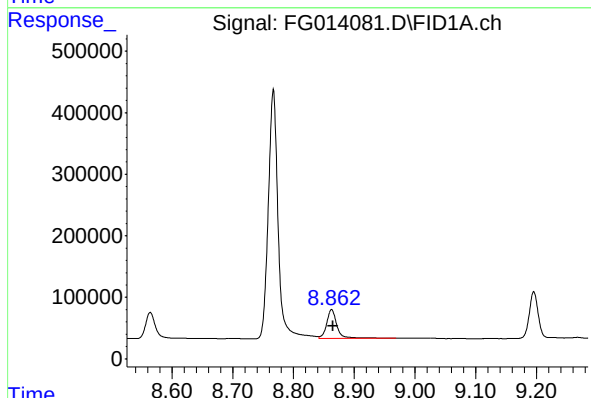
R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 502209
Conc: 3.79 ug/ml

Instrument :
FID_G
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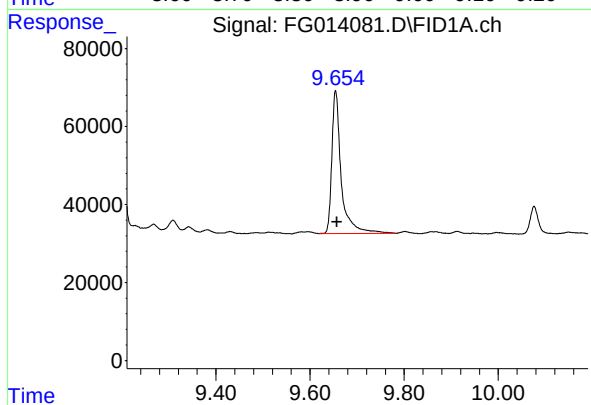
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.767 min
Delta R.T.: -0.002 min
Response: 4543295
Conc: 60.50 ug/ml



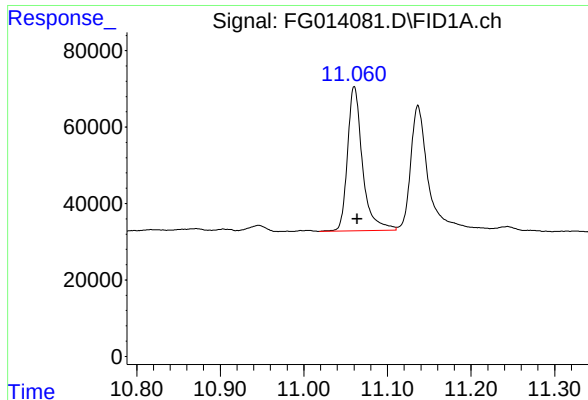
#7 Acenaphthene (C15.5)

R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 565095
Conc: 4.18 ug/ml



#8 Flouorene (C16.55)

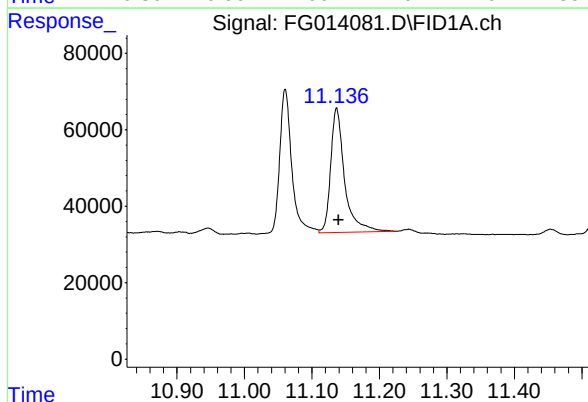
R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 511547
Conc: 3.98 ug/ml



#9 Phenanthrene (C19.36)

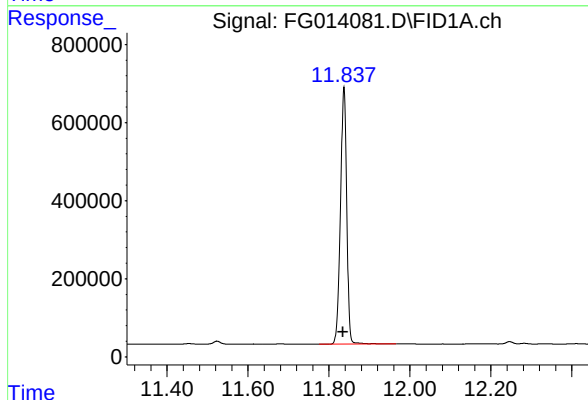
R.T.: 11.061 min
Delta R.T.: -0.003 min
Response: 469633
Conc: 3.77 ug/ml

Instrument :
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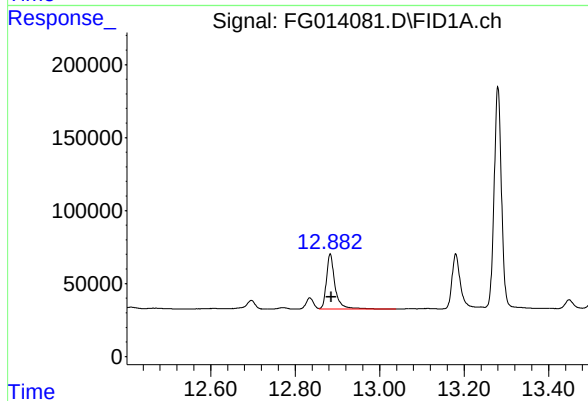
#10 Anthracene (C19.43)

R.T.: 11.137 min
Delta R.T.: -0.003 min
Response: 465363
Conc: 3.70 ug/ml



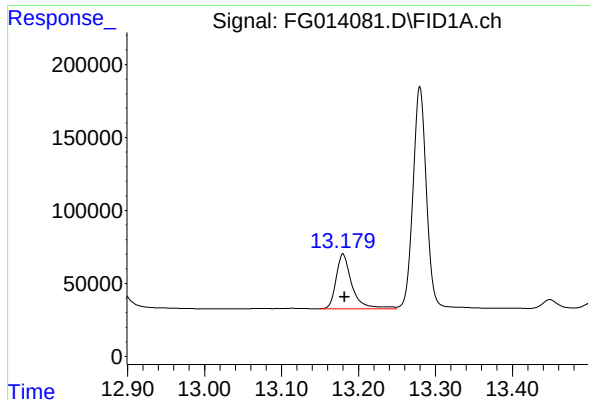
#11 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: 0.002 min
Response: 7071409
Conc: 53.46 ug/ml



#12 Fluoranthene (C21.85)

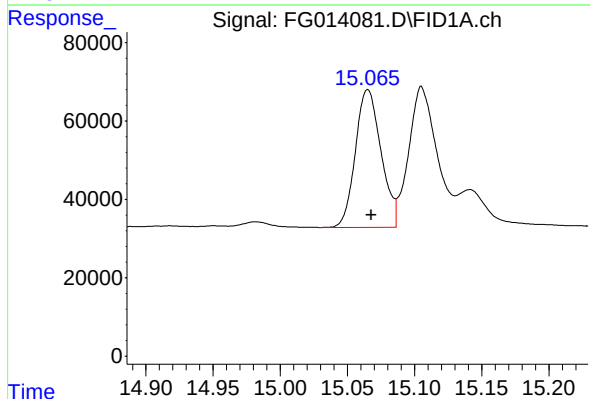
R.T.: 12.883 min
Delta R.T.: -0.002 min
Response: 535953
Conc: 4.20 ug/ml



#13 Pyrene (C20.8)

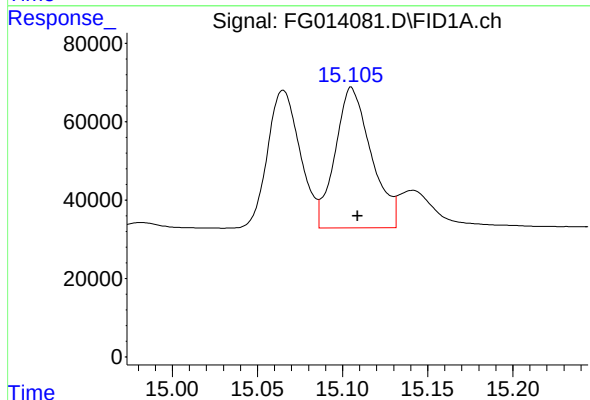
R.T.: 13.180 min
Delta R.T.: -0.002 min
Response: 536547
Conc: 4.22 ug/ml

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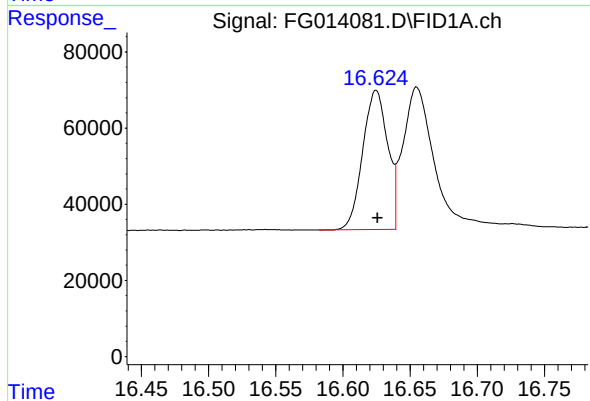
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.065 min
Delta R.T.: -0.002 min
Response: 466895
Conc: 4.01 ug/ml



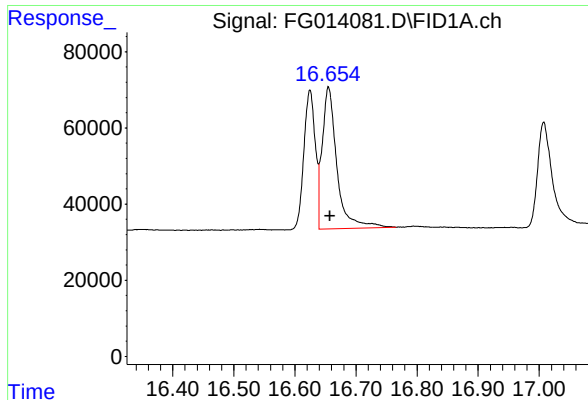
#15 Chrysene (C27.41)

R.T.: 15.106 min
Delta R.T.: -0.003 min
Response: 528911
Conc: 3.88 ug/ml



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

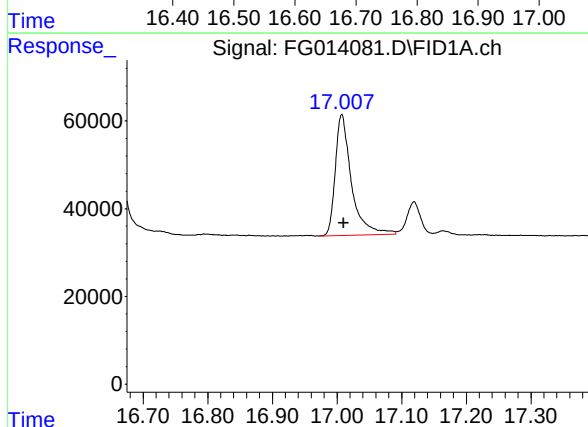
R.T.: 16.625 min
Delta R.T.: -0.001 min
Response: 475271
Conc: 3.84 ug/ml



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

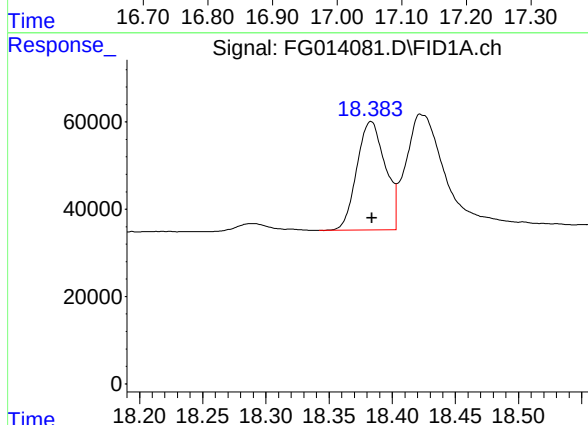
R.T.: 16.655 min
Delta R.T.: -0.002 min
Response: 620069
Conc: 4.64 ug/ml

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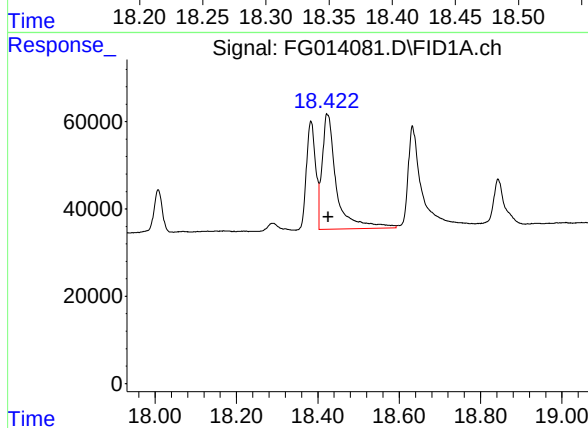
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.007 min
Delta R.T.: -0.003 min
Response: 480134
Conc: 3.81 ug/ml



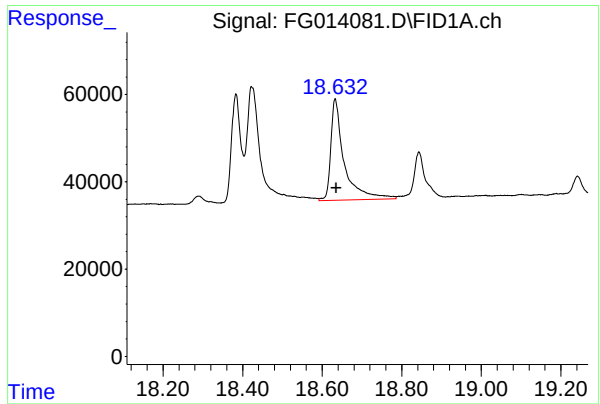
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.383 min
Delta R.T.: 0.000 min
Response: 389851
Conc: 3.81 ug/ml



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

R.T.: 18.424 min
Delta R.T.: -0.002 min
Response: 646338
Conc: 4.24 ug/ml



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

R.T.: 18.633 min
Delta R.T.: -0.002 min
Response: 542199
Conc: 3.91 ug/ml

Instrument :

FID_G

ClientSampleId :

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