

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
 Data File : FG0616108.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 19:25
 Operator : YP\AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:35:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:28:14 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...	8.129	6045308	53.572 ug/ml
Spiked Amount 50.000		Recovery =	107.14%
6) S 2-Fluorobiphenyl (SURR)	9.011	4157044	53.276 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.55%
11) S ortho-Terphenyl (SURR)	12.096	6154272	46.205 ug/ml
Spiked Amount 50.000		Recovery =	92.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.717	274529	2.240 ug/ml
2) T Naphthalene (C11.7)	6.395	317626	2.450 ug/ml
3) T 2-Methylnaphthalene (...)	7.496	299980	2.271 ug/ml
5) T Acenaphthylene (C15.06)	8.807	326138	2.492 ug/ml
7) T Acenaphthene (C15.5)	9.107	332980	2.555 ug/ml
8) T Fluorene (C16.55)	9.900	342765	2.626 ug/ml
9) T Phenanthrene (C19.36)	11.315	334052	2.560 ug/ml
10) T Anthracene (C19.43)	11.390	339831	2.601 ug/ml
12) T Fluoranthene (C21.85)	13.147	355595	2.711 ug/ml
13) T Pyrene (C20.8)	13.447	349319	2.690 ug/ml
14) T Benzo[a]anthracene (C...	15.336	364982	2.851 ug/ml
15) T Chrysene (C27.41)	15.378	406354	3.150 ug/ml
16) T benzo[b]fluoranthene ...	16.899	364766	2.849 ug/ml
17) T Bnezo[k]fluoranthene ...	16.931	365971	3.046 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.282	347746	2.791 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.656	351797	3.058 ug/ml
20) T Dibenz[a,h]anthracene...	18.697	410919	3.403 ug/ml
21) T Benzo[g,h,i]perylene ...	18.911	337902	2.829 ug/ml

(f)=RT Delta > 1/2 Window

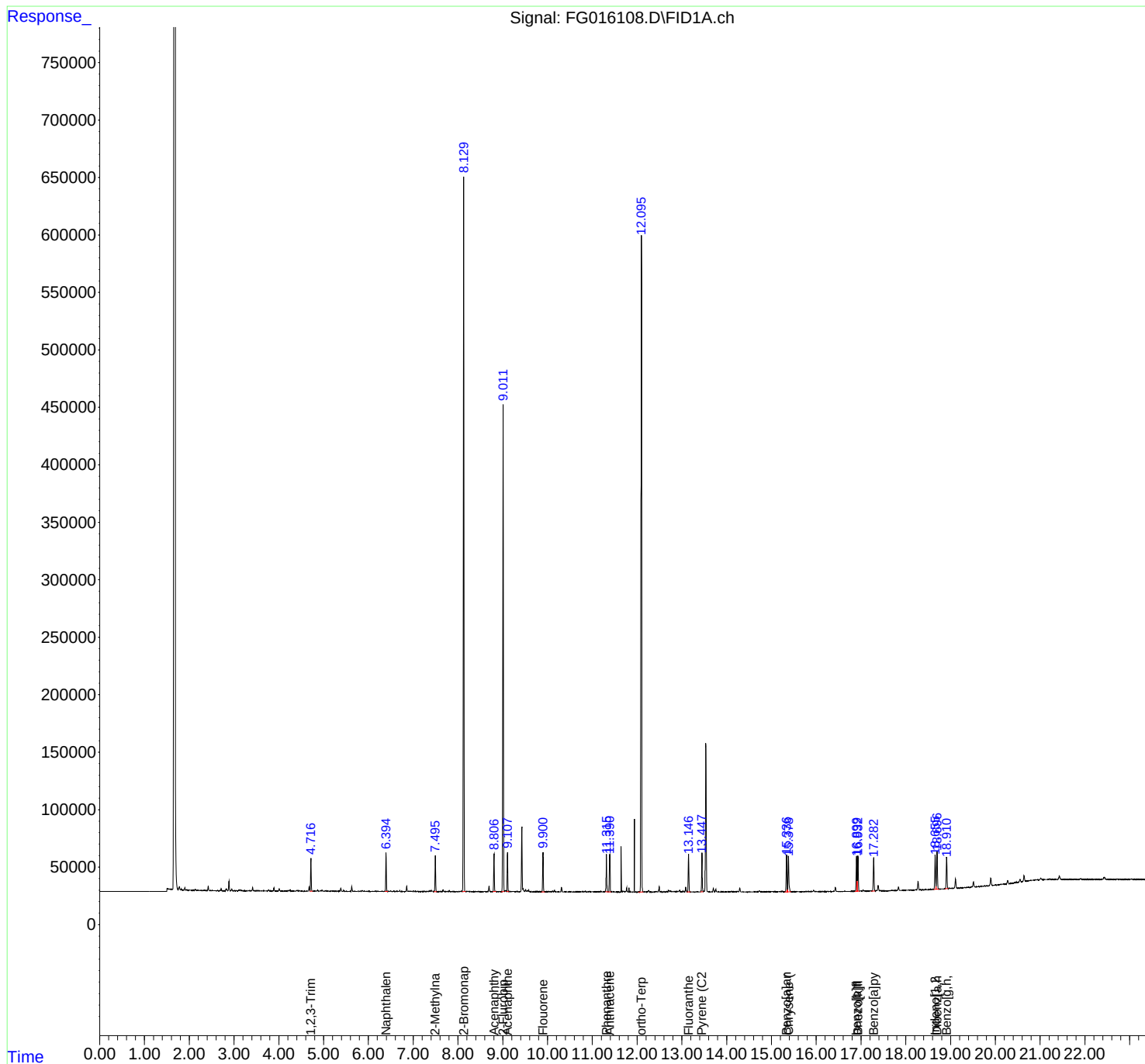
(m)=manual int.

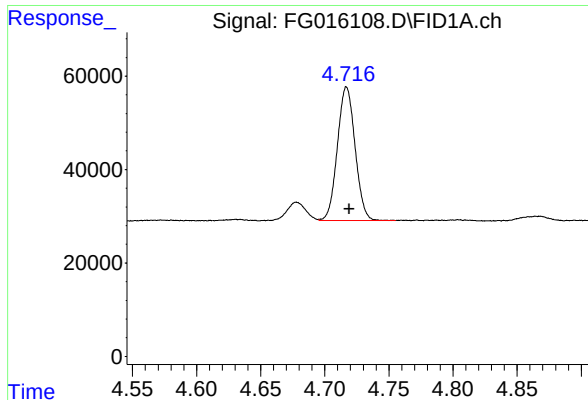
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AR\
Data File : FG016108.D
Signal(s) : FID1A.ch
Acq On : 16 Jun 2025 19:25
Operator : YP\AJ
Sample : Q2126-01
Misc :
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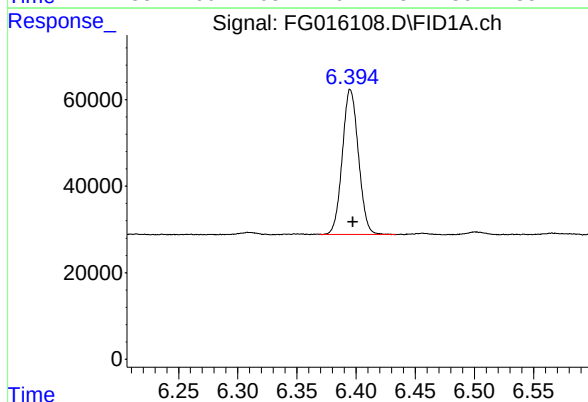




#1 1,2,3-Trimethylbenzene (C10.1)

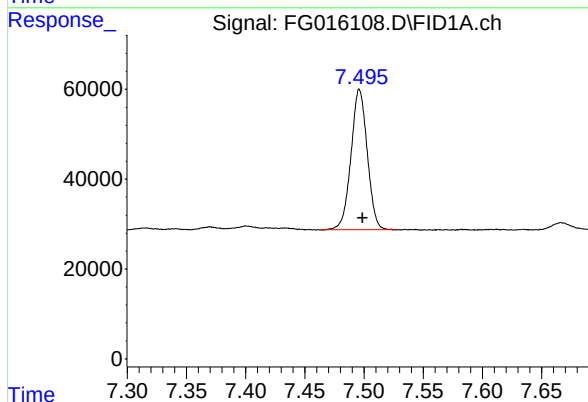
R.T.: 4.717 min
Delta R.T.: -0.002 min
Response: 274529
Conc: 2.24 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



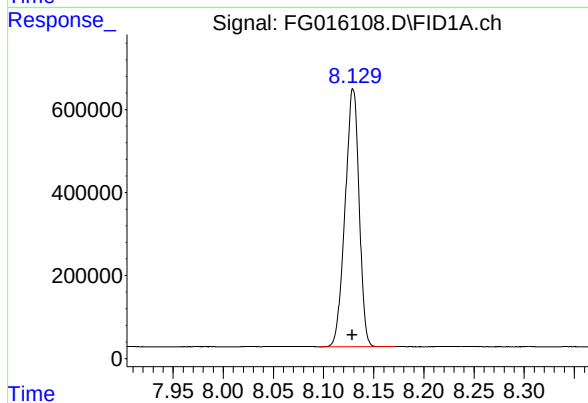
#2 Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 317626
Conc: 2.45 ug/ml



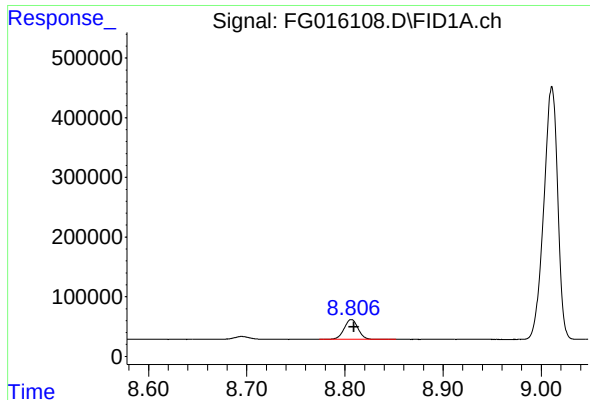
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 299980
Conc: 2.27 ug/ml



#4 2-Bromonaphthalene (SURR)

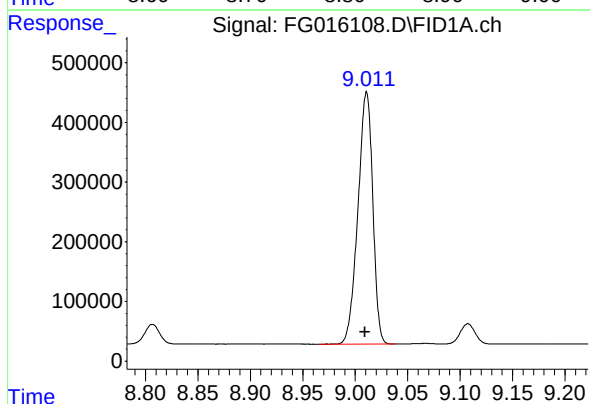
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 6045308
Conc: 53.57 ug/ml



#5 Acenaphthylene (C15.06)

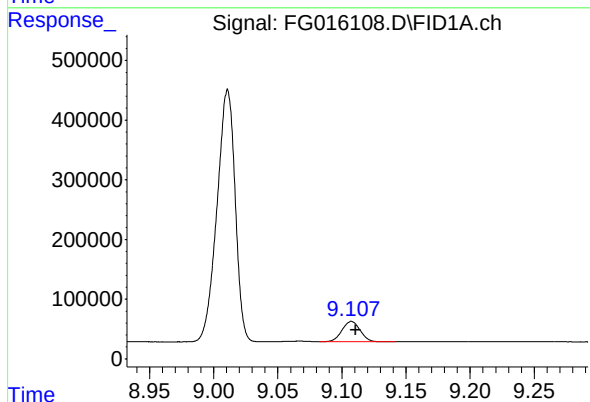
R.T.: 8.807 min
Delta R.T.: -0.002 min
Response: 326138
Conc: 2.49 ug/ml

Instrument :
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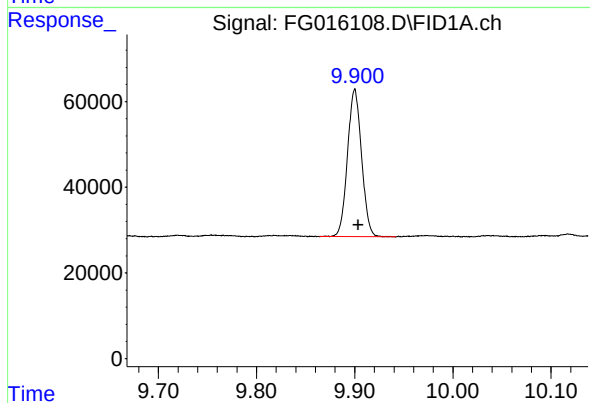
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.011 min
Delta R.T.: 0.001 min
Response: 4157044
Conc: 53.28 ug/ml



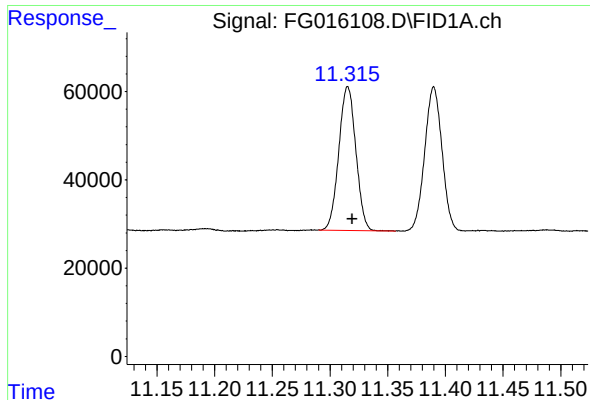
#7 Acenaphthene (C15.5)

R.T.: 9.107 min
Delta R.T.: -0.003 min
Response: 332980
Conc: 2.55 ug/ml



#8 Flouorene (C16.55)

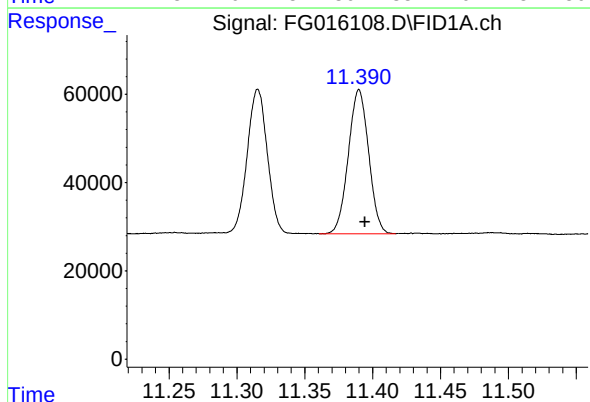
R.T.: 9.900 min
Delta R.T.: -0.004 min
Response: 342765
Conc: 2.63 ug/ml



#9 Phenanthrene (C19.36)

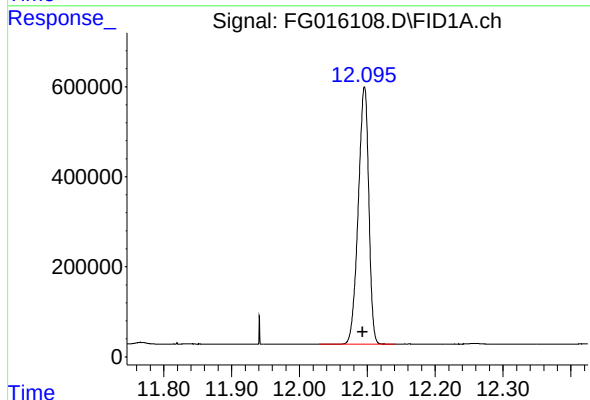
R.T.: 11.315 min
Delta R.T.: -0.004 min
Response: 334052
Conc: 2.56 ug/ml

Instrument :
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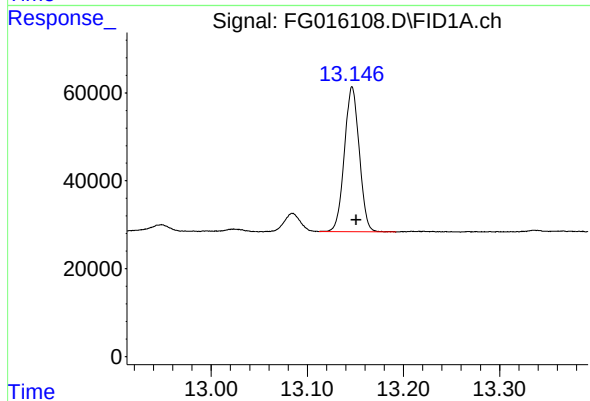
#10 Anthracene (C19.43)

R.T.: 11.390 min
Delta R.T.: -0.004 min
Response: 339831
Conc: 2.60 ug/ml



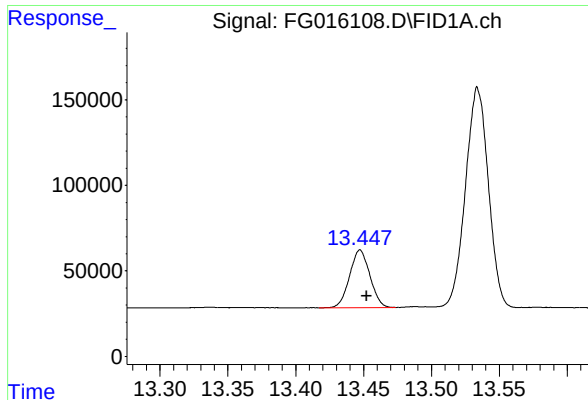
#11 ortho-Terphenyl (SURRE)

R.T.: 12.096 min
Delta R.T.: 0.003 min
Response: 6154272
Conc: 46.21 ug/ml



#12 Fluoranthene (C21.85)

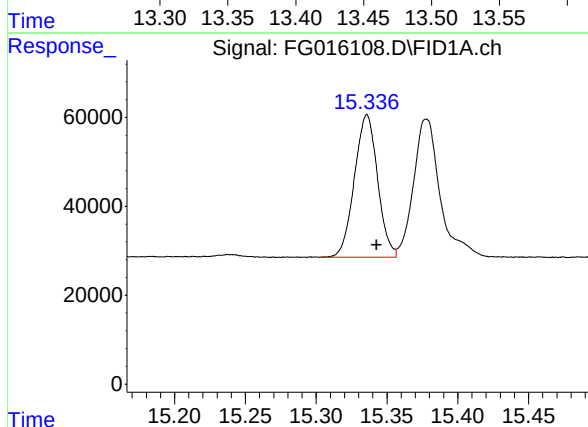
R.T.: 13.147 min
Delta R.T.: -0.004 min
Response: 355595
Conc: 2.71 ug/ml



#13 Pyrene (C20.8)

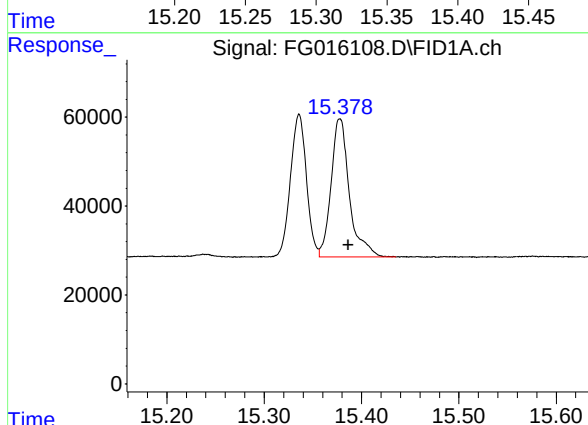
R.T.: 13.447 min
Delta R.T.: -0.005 min
Response: 349319
Conc: 2.69 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



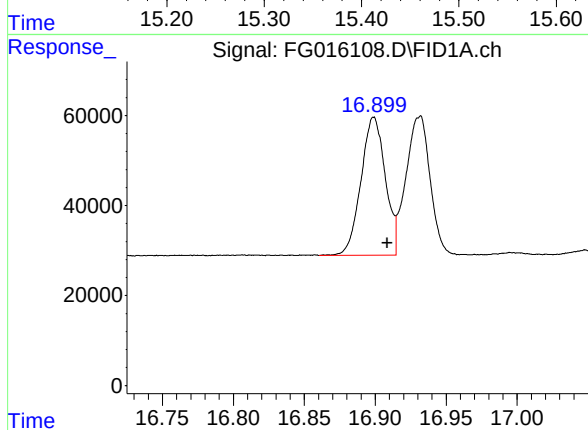
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.336 min
Delta R.T.: -0.007 min
Response: 364982
Conc: 2.85 ug/ml



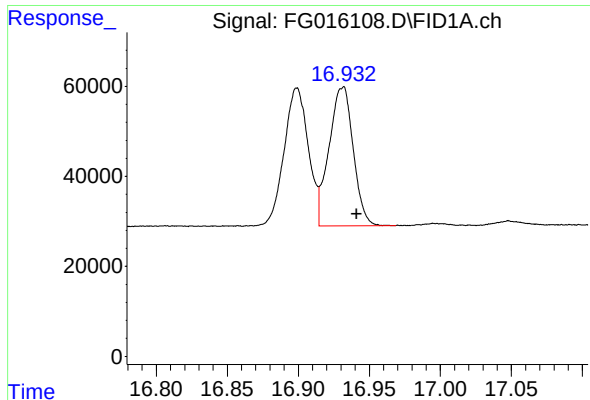
#15 Chrysene (C27.41)

R.T.: 15.378 min
Delta R.T.: -0.009 min
Response: 406354
Conc: 3.15 ug/ml



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

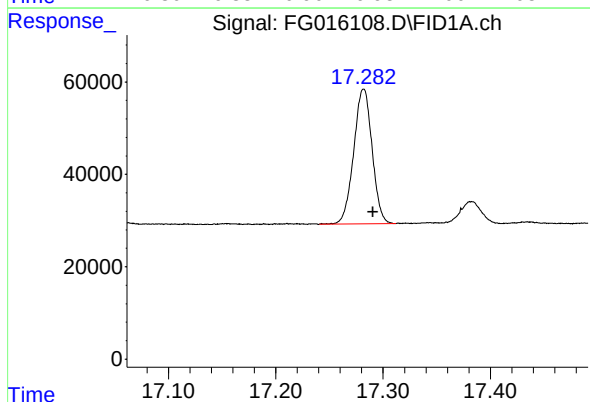
R.T.: 16.899 min
Delta R.T.: -0.009 min
Response: 364766
Conc: 2.85 ug/ml



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

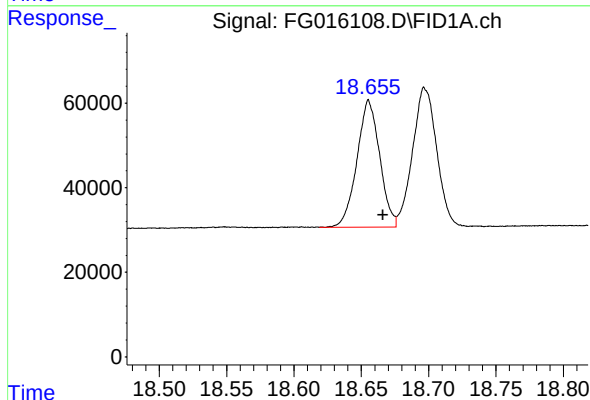
R.T.: 16.931 min
Delta R.T.: -0.010 min
Response: 365971
Conc: 3.05 ug/ml

Instrument :
FID_G
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LOD-MDL-SOIL-03-QT2-2025



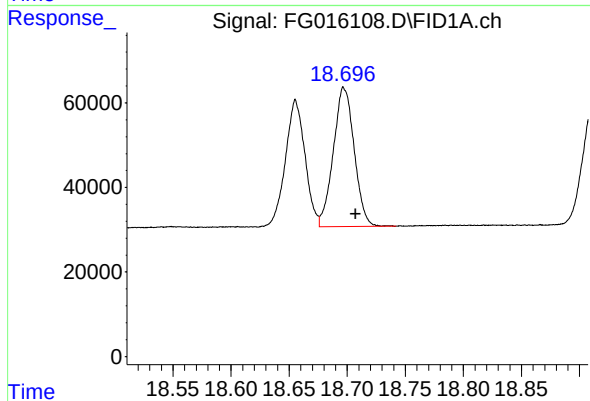
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.282 min
Delta R.T.: -0.009 min
Response: 347746
Conc: 2.79 ug/ml



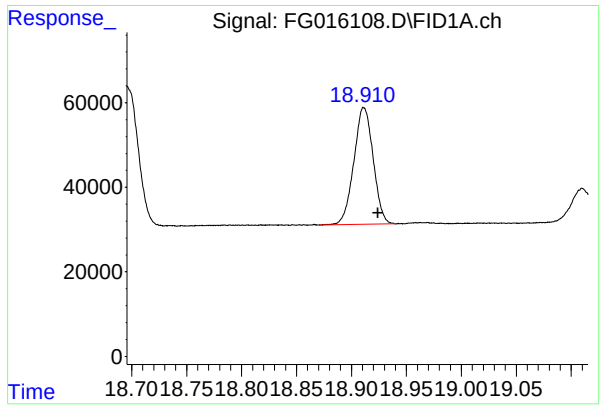
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.656 min
Delta R.T.: -0.010 min
Response: 351797
Conc: 3.06 ug/ml



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

R.T.: 18.697 min
Delta R.T.: -0.010 min
Response: 410919
Conc: 3.40 ug/ml



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

R.T.: 18.911 min
Delta R.T.: -0.013 min
Response: 337902
Conc: 2.83 ug/ml

Instrument :
FID_G
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