

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AR\
 Data File : FG017117.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2025 03:09
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : LOD-LOQ-SOIL-0.4 ML-QT4-2025
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 06 05:18:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 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...	8.067	5019862	53.921 ug/ml
Spiked Amount 50.000		Recovery =	107.84%
6) S 2-Fluorobiphenyl (SURR)	8.950	2991097	53.173 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	106.35%
11) S ortho-Terphenyl (SURR)	12.029	5150013	36.177 ug/ml
Spiked Amount 50.000		Recovery =	72.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.652	369223	2.793 ug/ml
2) T Naphthalene (C11.7)	6.339	327728	2.679 ug/ml
3) T 2-Methylnaphthalene (...)	7.441	326756	2.886 ug/ml
5) T Acenaphthylene (C15.06)	8.748	412030	3.434 ug/ml
7) T Acenaphthene (C15.5)	9.046	790747	5.932 ug/ml
8) T Fluorene (C16.55)	9.849	390590	3.322 ug/ml
9) T Phenanthrene (C19.36)	11.265	336411	2.941 ug/ml
10) T Anthracene (C19.43)	11.344	423902	3.489 ug/ml
12) T Fluoranthene (C21.85)	13.096	411688	3.259 ug/ml
13) T Pyrene (C20.8)	13.396	394551	3.065 ug/ml
14) T Benzo[a]anthracene (C...	15.299	231002	2.550 ug/ml
15) T Chrysene (C27.41)	15.341	542119	3.823 ug/ml
16) T benzo[b]fluoranthene ...	16.868	261664	2.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.898	526128	4.014 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.261	292894	2.950 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.645	248296	2.805 ug/ml
20) T Dibenz[a,h]anthracene...	18.685	560300	4.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.892	426539	3.699 ug/ml

(f)=RT Delta > 1/2 Window

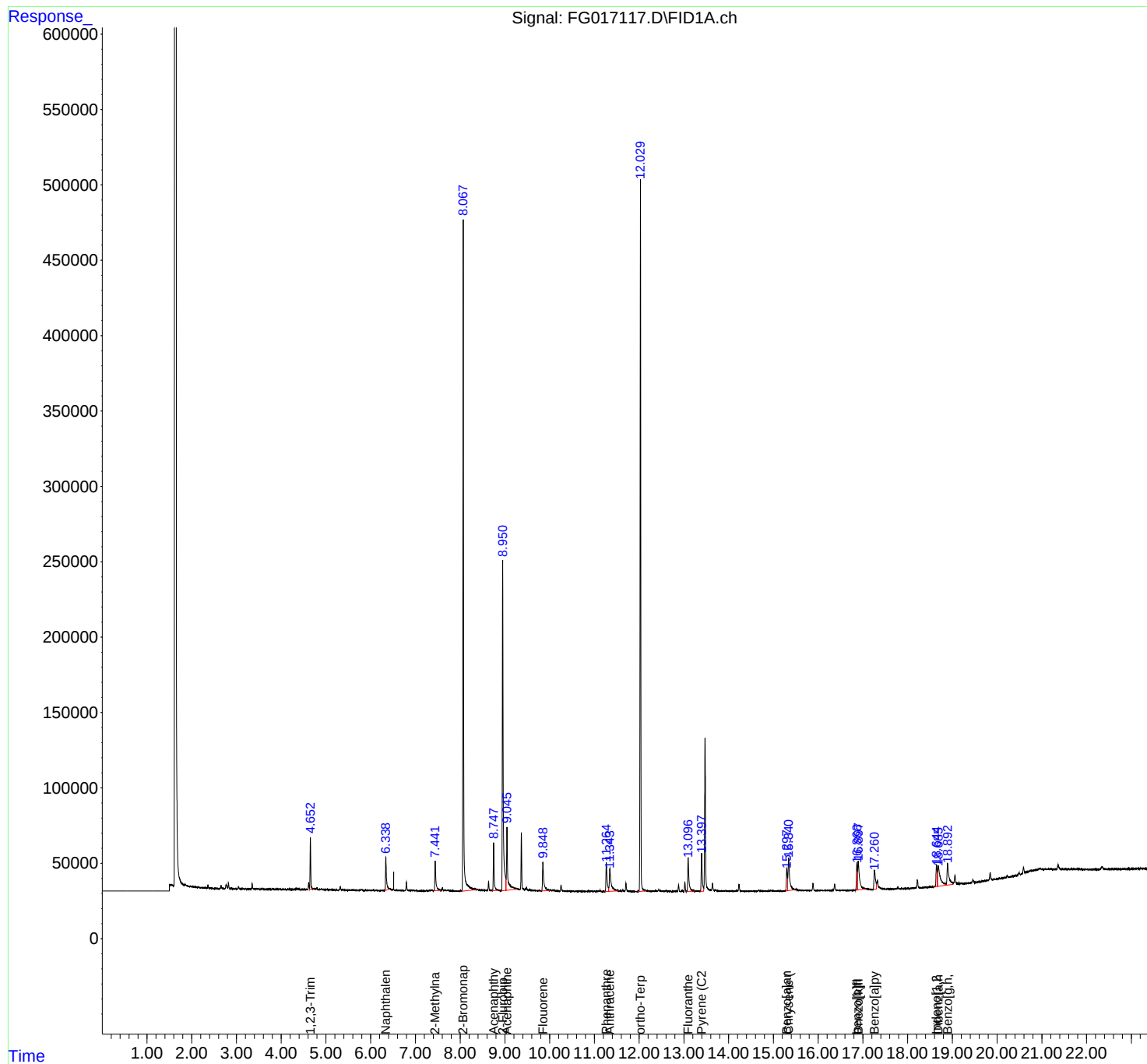
(m)=manual int.

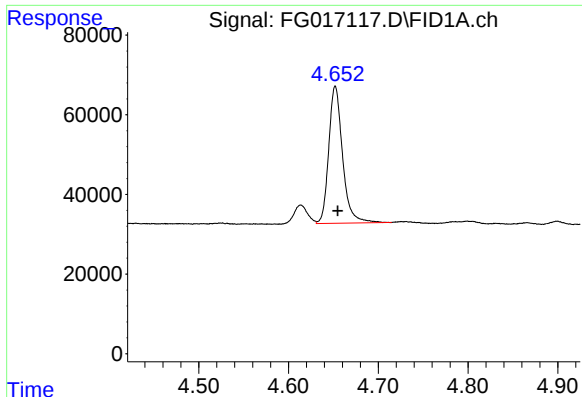
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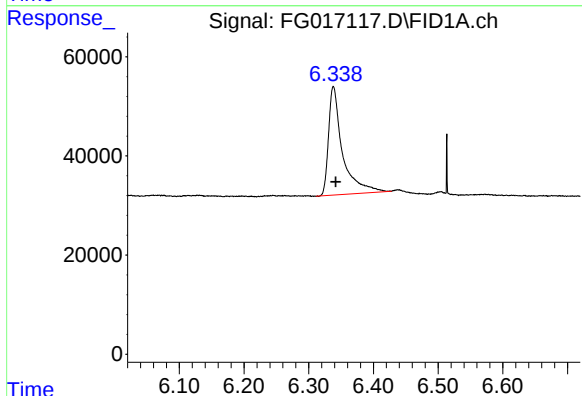




#1 1,2,3-Trimethylbenzene (C10.1)

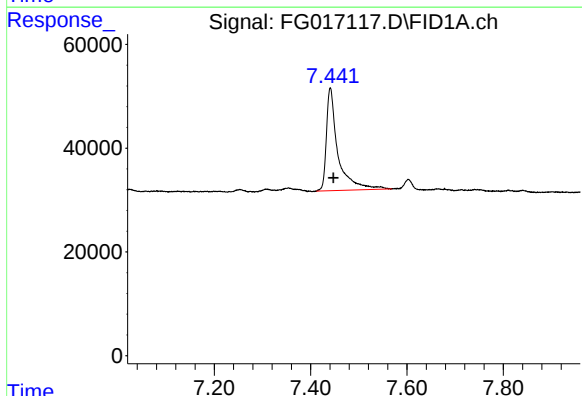
R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 369223
Conc: 2.79 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



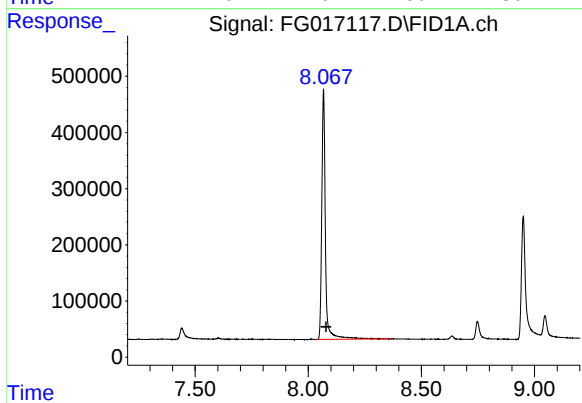
#2 Naphthalene (C11.7)

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 327728
Conc: 2.68 ug/ml



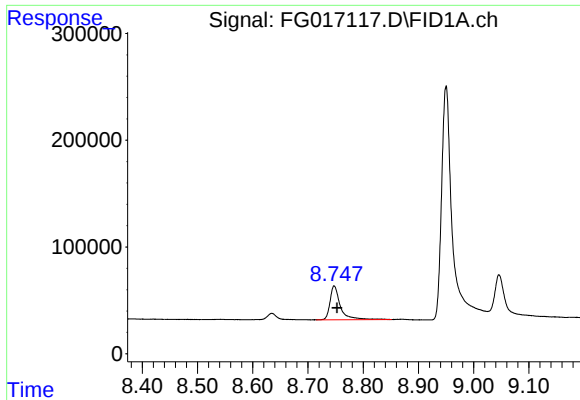
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.441 min
Delta R.T.: -0.006 min
Response: 326756
Conc: 2.89 ug/ml



#4 2-Bromonaphthalene (SURR)

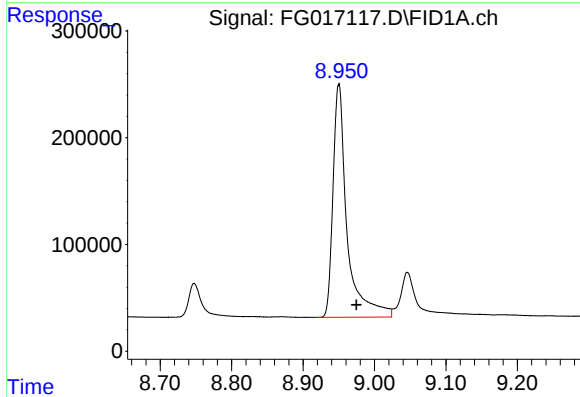
R.T.: 8.067 min
Delta R.T.: -0.011 min
Response: 5019862
Conc: 53.92 ug/ml



#5 Acenaphthylene (C15.06)

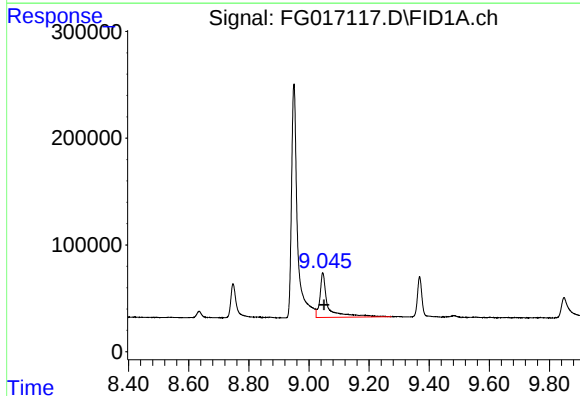
R.T.: 8.748 min
Delta R.T.: -0.004 min
Response: 412030
Conc: 3.43 ug/ml

Instrument :
FID_G
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LOD-MDL-SOIL-01-QT4-2025



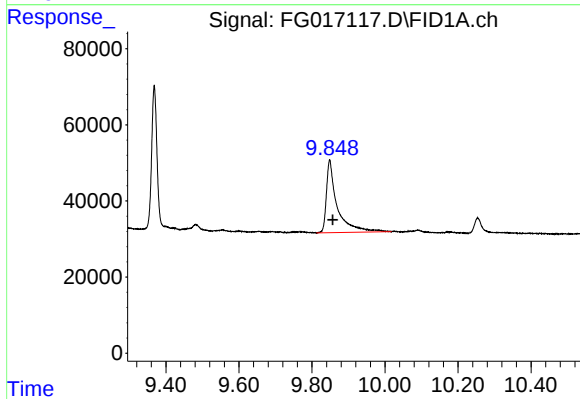
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.950 min
Delta R.T.: -0.024 min
Response: 2991097
Conc: 53.17 ug/ml



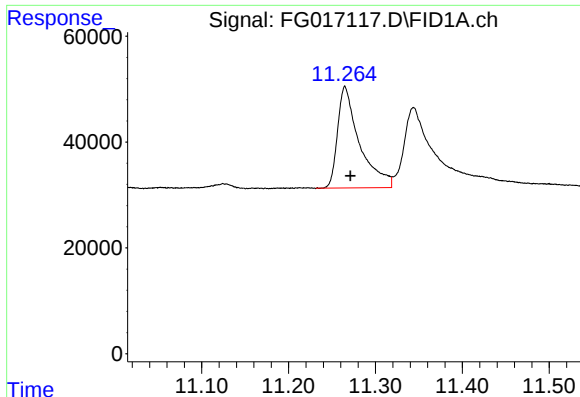
#7 Acenaphthene (C15.5)

R.T.: 9.046 min
Delta R.T.: -0.004 min
Response: 790747
Conc: 5.93 ug/ml



#8 Fluorene (C16.55)

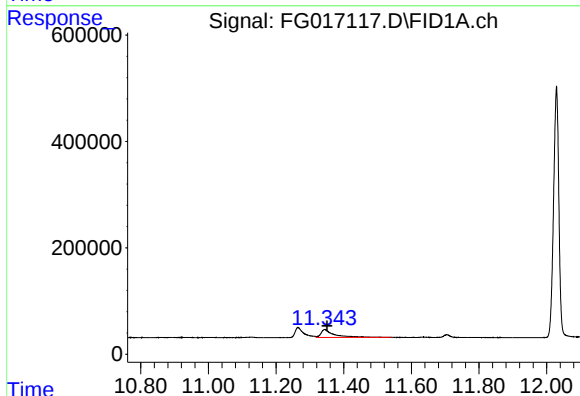
R.T.: 9.849 min
Delta R.T.: -0.008 min
Response: 390590
Conc: 3.32 ug/ml



#9 Phenanthrene (C19.36)

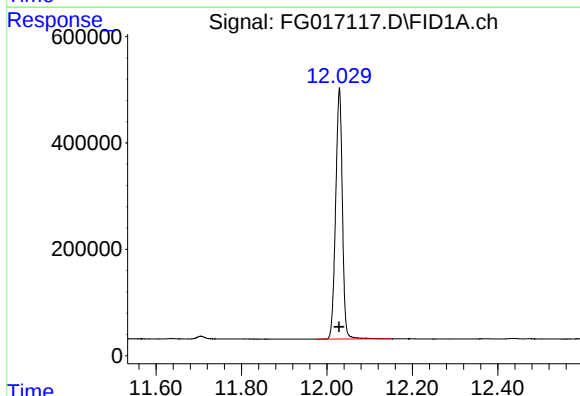
R.T.: 11.265 min
Delta R.T.: -0.006 min
Response: 336411
Conc: 2.94 ug/ml

Instrument :
FID_G
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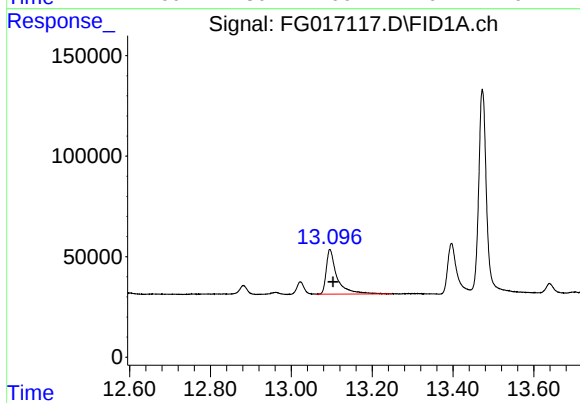
#10 Anthracene (C19.43)

R.T.: 11.344 min
Delta R.T.: -0.007 min
Response: 423902
Conc: 3.49 ug/ml



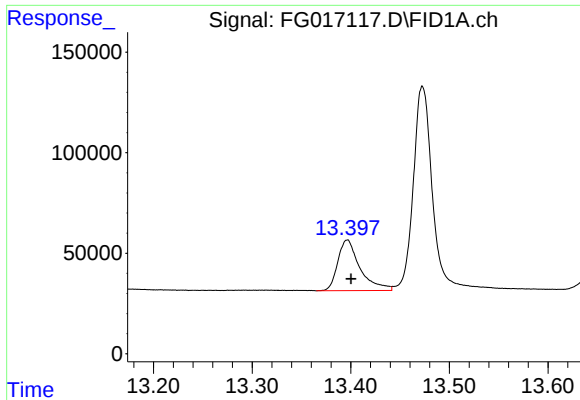
#11 ortho-Terphenyl (SURR)

R.T.: 12.029 min
Delta R.T.: 0.000 min
Response: 5150013
Conc: 36.18 ug/ml



#12 Fluoranthene (C21.85)

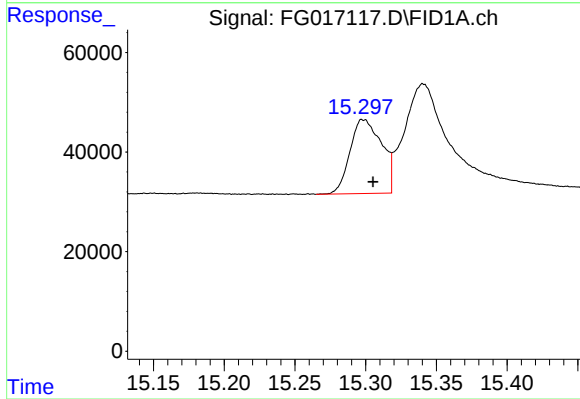
R.T.: 13.096 min
Delta R.T.: -0.007 min
Response: 411688
Conc: 3.26 ug/ml



#13 Pyrene (C20.8)

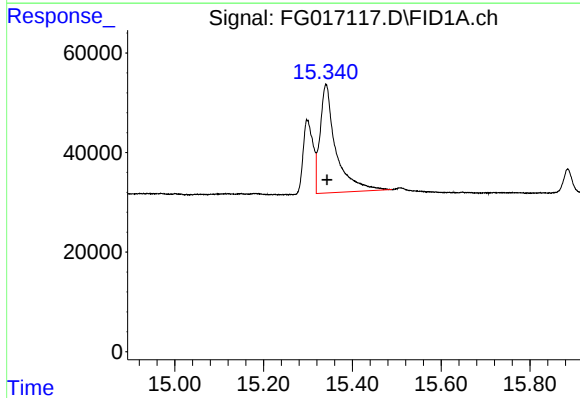
R.T.: 13.396 min
Delta R.T.: -0.004 min
Response: 394551
Conc: 3.06 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



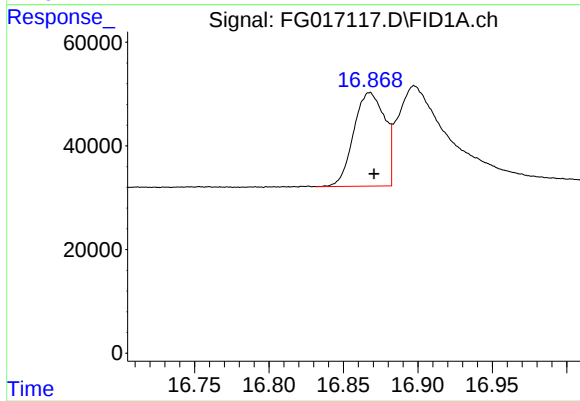
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.299 min
Delta R.T.: -0.006 min
Response: 231002
Conc: 2.55 ug/ml



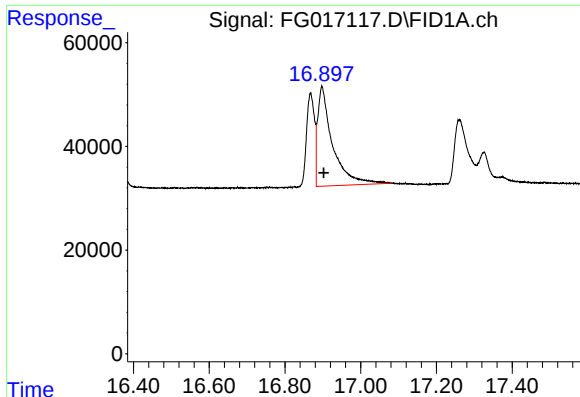
#15 Chrysene (C27.41)

R.T.: 15.341 min
Delta R.T.: -0.002 min
Response: 542119
Conc: 3.82 ug/ml



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

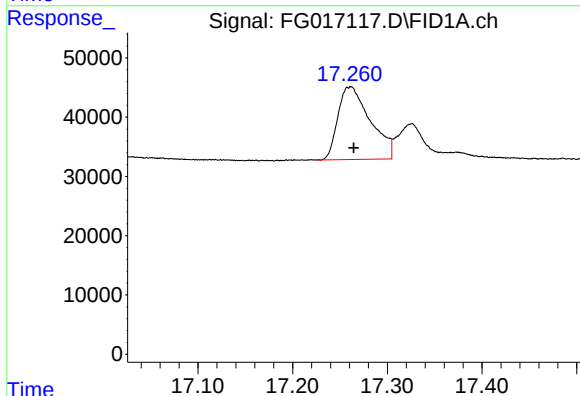
R.T.: 16.868 min
Delta R.T.: -0.003 min
Response: 261664
Conc: 2.65 ug/ml



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

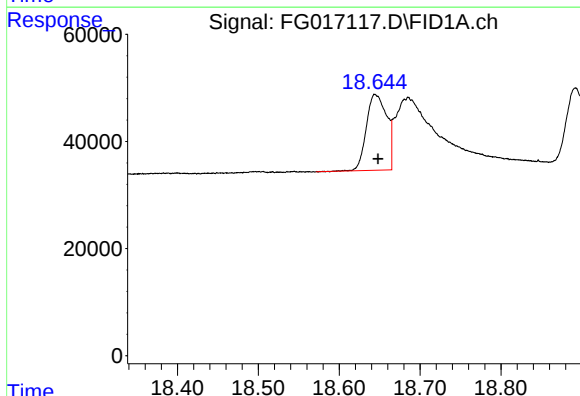
R.T.: 16.898 min
Delta R.T.: -0.005 min
Response: 526128
Conc: 4.01 ug/ml

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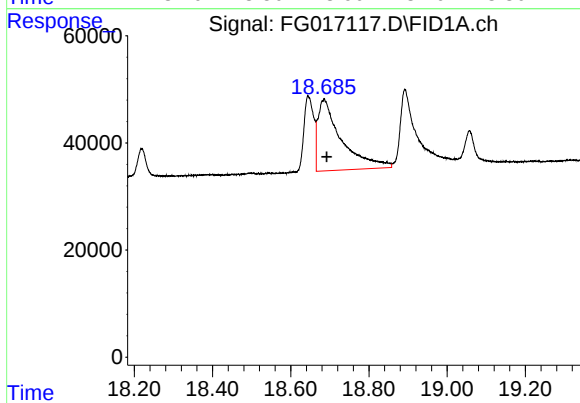
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.261 min
Delta R.T.: -0.004 min
Response: 292894
Conc: 2.95 ug/ml



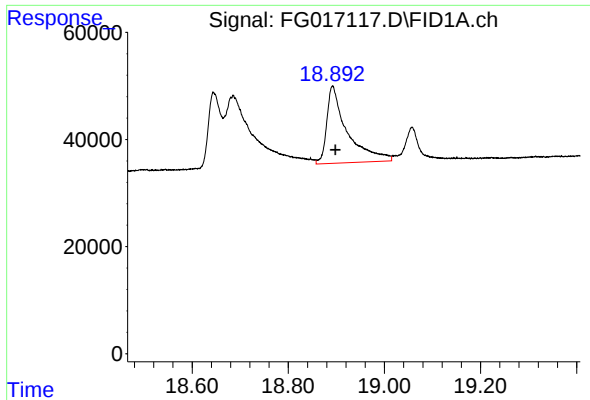
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.645 min
Delta R.T.: -0.003 min
Response: 248296
Conc: 2.81 ug/ml



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

R.T.: 18.685 min
Delta R.T.: -0.007 min
Response: 560300
Conc: 4.20 ug/ml



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

R.T.: 18.892 min
Delta R.T.: -0.006 min
Response: 426539
Conc: 3.70 ug/ml

Instrument :
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