

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
 Data File : FF015995.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 11:57
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 73 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Jun 17 02:45:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 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...	8.062	7017192	61.797 ug/ml
Spiked Amount 50.000		Recovery =	123.59%
6) S 2-Fluorobiphenyl (SURR)	8.938	4802344	61.693 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	123.39%
11) S ortho-Terphenyl (SURR)	12.004	7145330	54.012 ug/ml
Spiked Amount 50.000		Recovery =	108.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.660	317908	2.568 ug/ml
2) T Naphthalene (C11.7)	6.332	368474	2.816 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	339245	2.560 ug/ml
5) T Acenaphthylene (C15.06)	8.734	372026	2.819 ug/ml
7) T Acenaphthene (C15.5)	9.034	387599	2.968 ug/ml
8) T Flouorene (C16.55)	9.820	392640	3.019 ug/ml
9) T Phenanthrene (C19.36)	11.226	380453	2.934 ug/ml
10) T Anthracene (C19.43)	11.300	381261	2.952 ug/ml
12) T Fluoranthene (C21.85)	13.046	356742	2.730 ug/ml
13) T Pyrene (C20.8)	13.344	399642	3.083 ug/ml
14) T Benzo[a]anthracene (C...	15.223	352940	2.799 ug/ml
15) T Chrysene (C27.41)	15.265	334343	2.620 ug/ml
16) T benzo[b]fluoranthene ...	16.779	377479	3.014 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	379224	3.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.159	357427	2.925 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.528	355281	3.185 ug/ml
20) T Dibenz[a,h]anthracene...	18.570	372626	3.200 ug/ml
21) T Benzo[g,h,i]perylene ...	18.783	350676	3.013 ug/ml

(f)=RT Delta > 1/2 Window

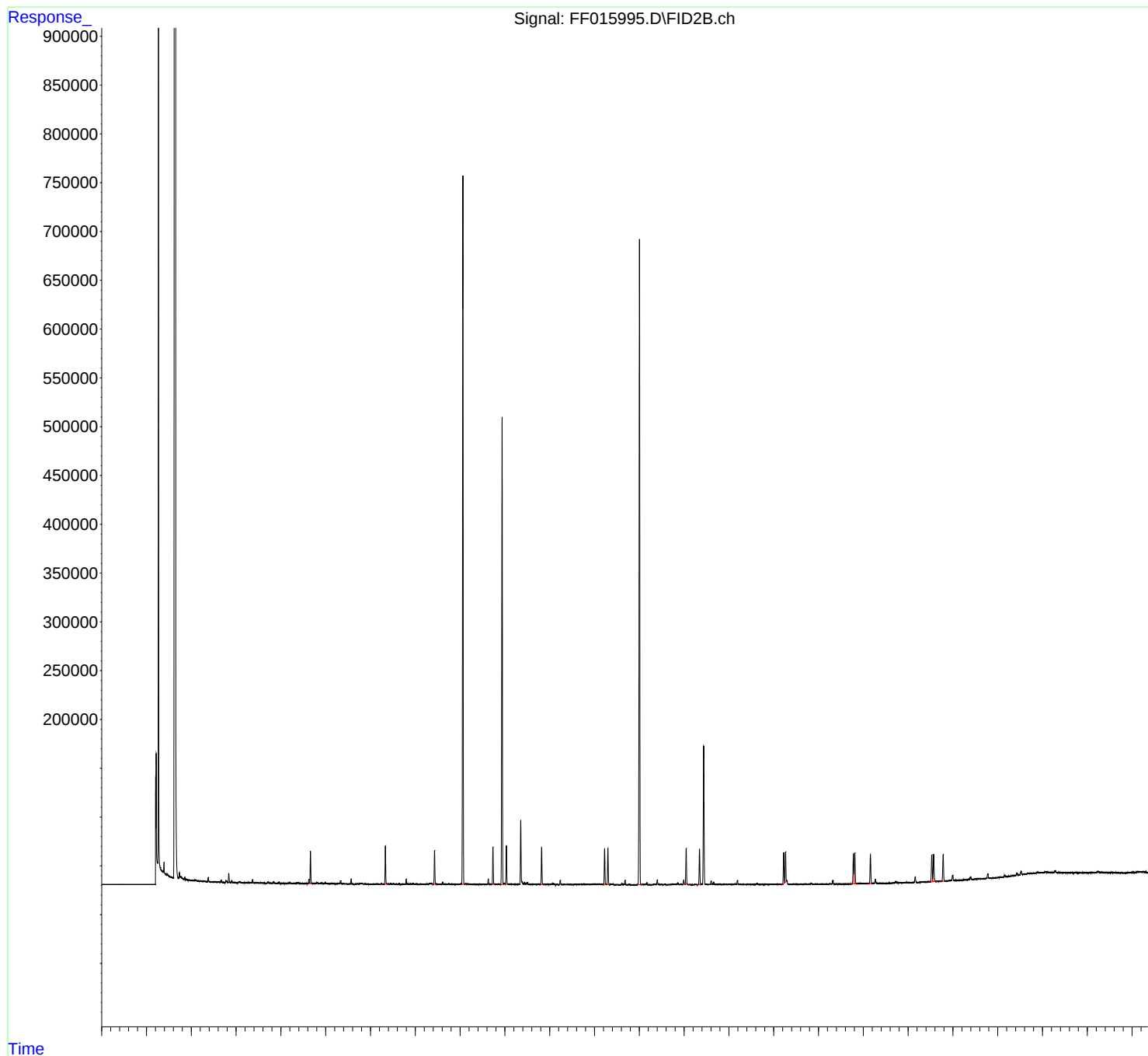
(m)=manual int.

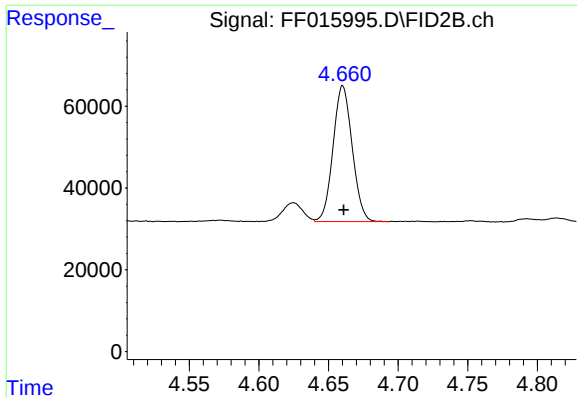
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
Data File : FF015995.D
Signal(s) : FID2B.ch
Acq On : 16 Jun 2025 11:57
Operator : YP\AJ
Sample : Q2126-01
Misc : 2.5 PPM SOIL LOD
ALS Vial : 73 Sample Multiplier: 1

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

Integration File: autoint1.e
Quant Time: Jun 17 02:45:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 04:40:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

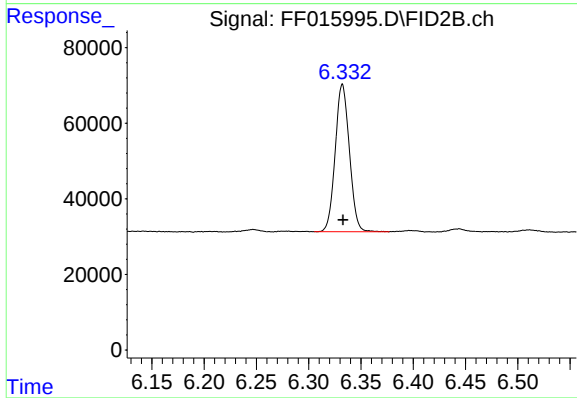




#1 1,2,3-Trimethylbenzene (C10.1)

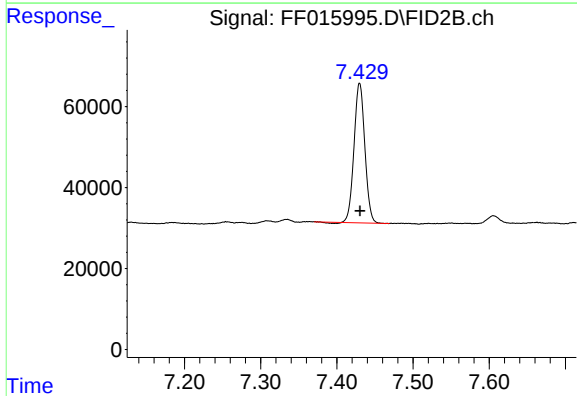
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 317908
Conc: 2.57 ug/ml

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



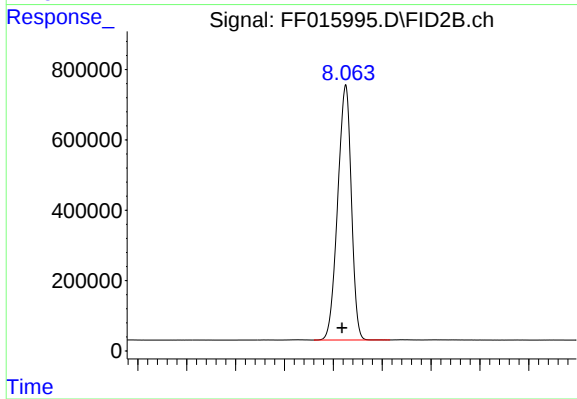
#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 368474
Conc: 2.82 ug/ml



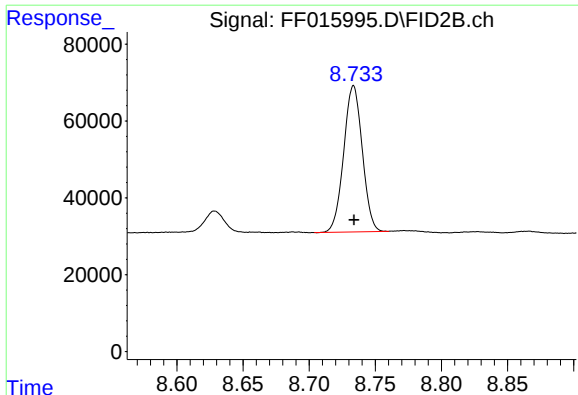
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 339245
Conc: 2.56 ug/ml



#4 2-Bromonaphthalene (SURR)

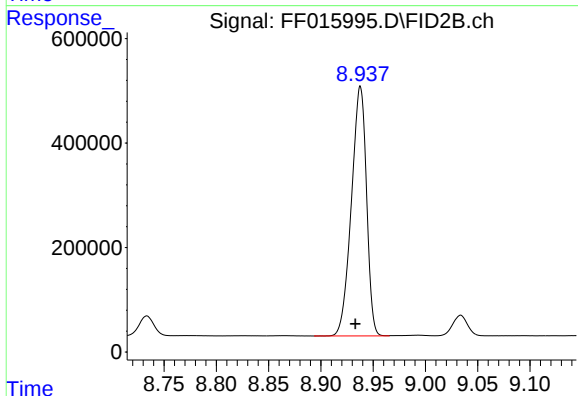
R.T.: 8.062 min
Delta R.T.: 0.003 min
Response: 7017192
Conc: 61.80 ug/ml



#5 Acenaphthylene (C15.06)

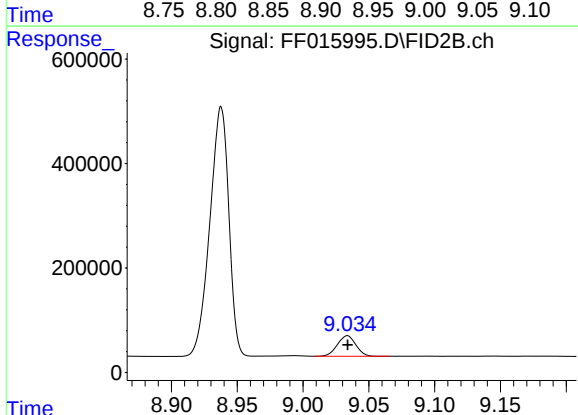
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 372026
Conc: 2.82 ug/ml

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



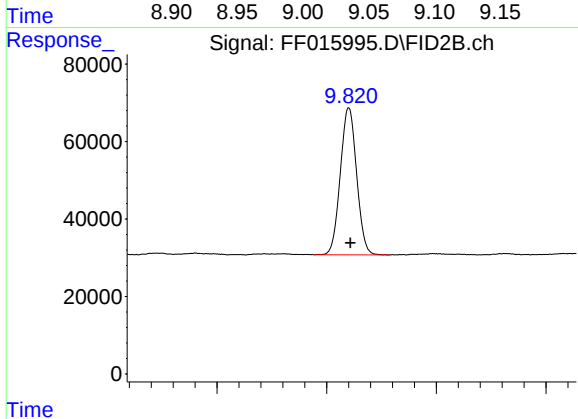
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.938 min
Delta R.T.: 0.005 min
Response: 4802344
Conc: 61.69 ug/ml



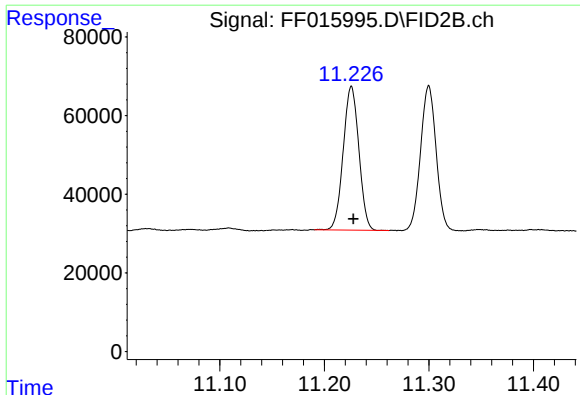
#7 Acenaphthene (C15.5)

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 387599
Conc: 2.97 ug/ml



#8 Fluorene (C16.55)

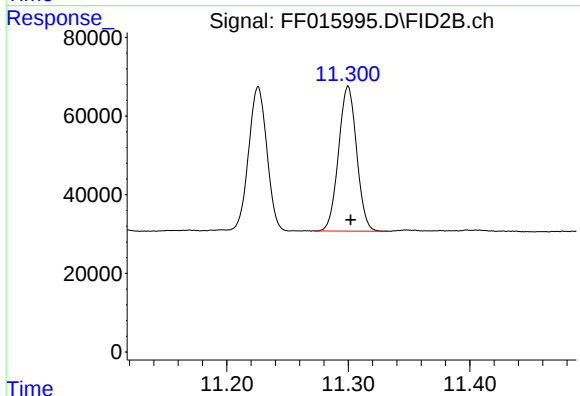
R.T.: 9.820 min
Delta R.T.: -0.001 min
Response: 392640
Conc: 3.02 ug/ml



#9 Phenanthrene (C19.36)

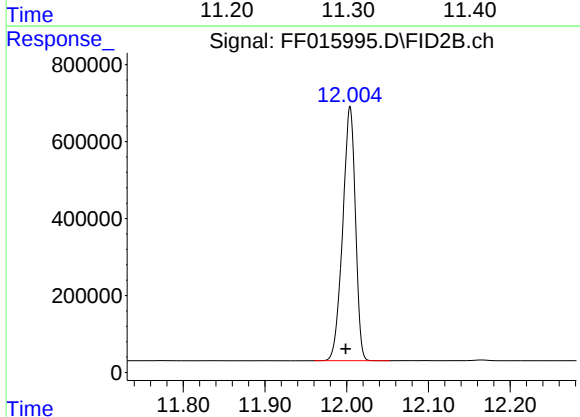
R.T.: 11.226 min
Delta R.T.: -0.002 min
Response: 380453
Conc: 2.93 ug/ml

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



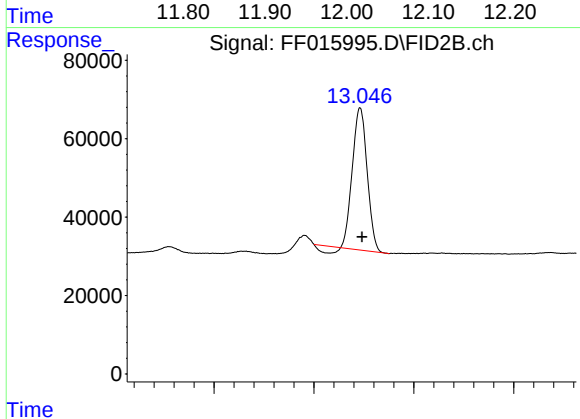
#10 Anthracene (C19.43)

R.T.: 11.300 min
Delta R.T.: -0.002 min
Response: 381261
Conc: 2.95 ug/ml



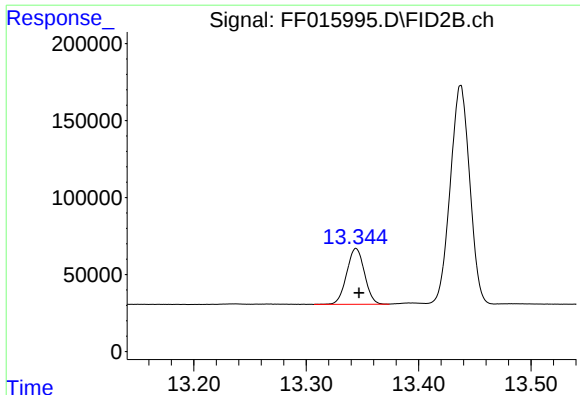
#11 ortho-Terphenyl (SURR)

R.T.: 12.004 min
Delta R.T.: 0.005 min
Response: 7145330
Conc: 54.01 ug/ml



#12 Fluoranthene (C21.85)

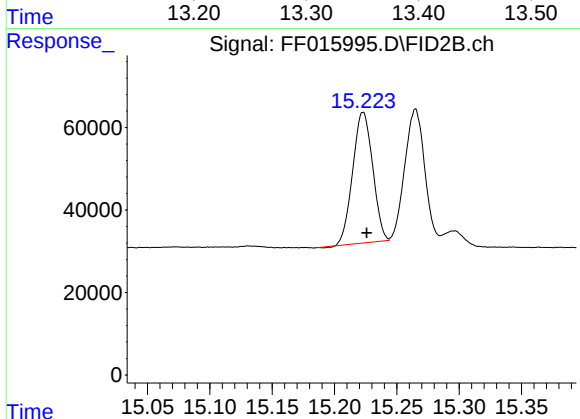
R.T.: 13.046 min
Delta R.T.: -0.002 min
Response: 356742
Conc: 2.73 ug/ml



#13 Pyrene (C20.8)

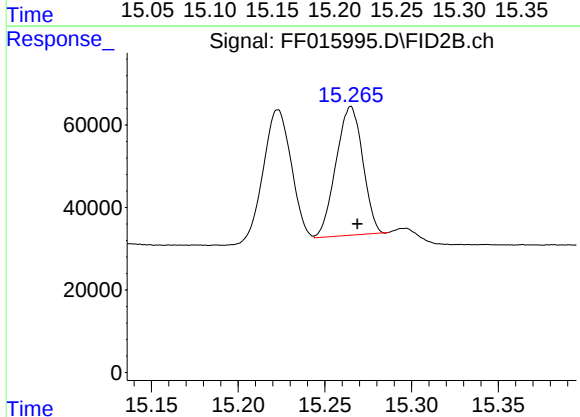
R.T.: 13.344 min
Delta R.T.: -0.003 min
Response: 399642
Conc: 3.08 ug/ml

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



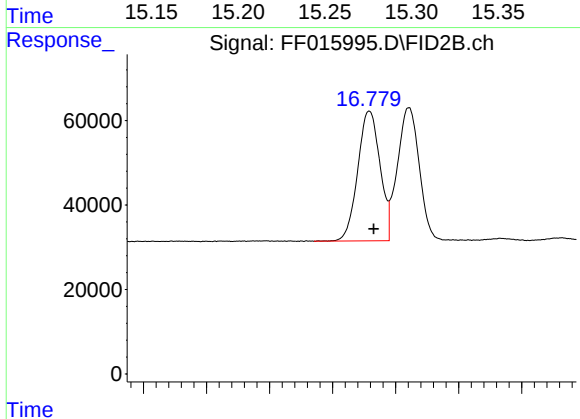
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.223 min
Delta R.T.: -0.003 min
Response: 352940
Conc: 2.80 ug/ml



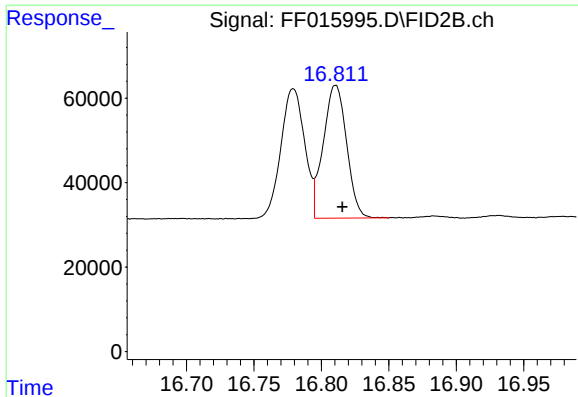
#15 Chrysene (C27.41)

R.T.: 15.265 min
Delta R.T.: -0.004 min
Response: 334343
Conc: 2.62 ug/ml



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

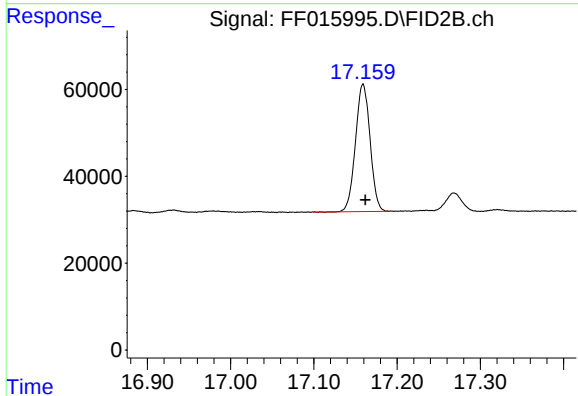
R.T.: 16.779 min
Delta R.T.: -0.003 min
Response: 377479
Conc: 3.01 ug/ml



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

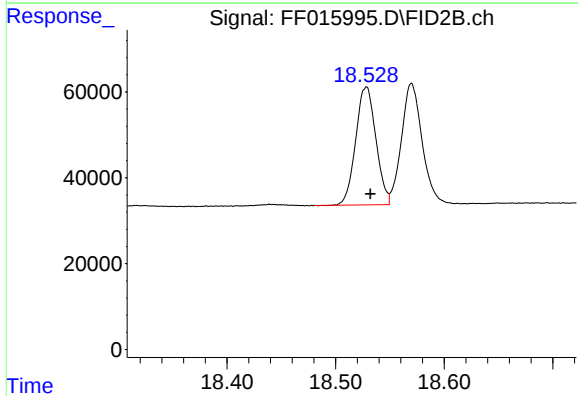
R.T.: 16.811 min
Delta R.T.: -0.005 min
Response: 379224
Conc: 3.20 ug/ml

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



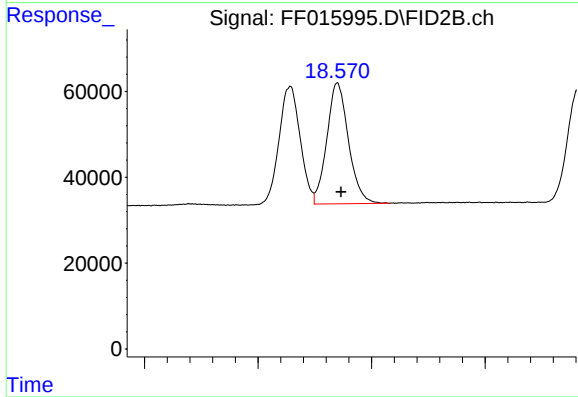
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.159 min
Delta R.T.: -0.003 min
Response: 357427
Conc: 2.92 ug/ml



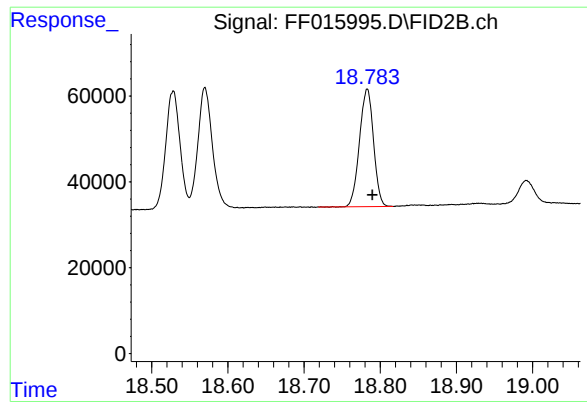
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.528 min
Delta R.T.: -0.004 min
Response: 355281
Conc: 3.18 ug/ml



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

R.T.: 18.570 min
Delta R.T.: -0.003 min
Response: 372626
Conc: 3.20 ug/ml



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

R.T.: 18.783 min
Delta R.T.: -0.007 min
Response: 350676
Conc: 3.01 ug/ml

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