

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043623.D
 Signal(s) : FID2B.ch
 Acq On : 17 Aug 2022 10:21
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Integration File: sample.E
 Quant Time: Aug 17 23:37:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.610	5533277	39.118 ug/ml
Spiked Amount 50.000		Recovery =	78.24%
6) S 2-Fluorobiphenyl (SURR)	8.473	3638996	38.278 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	76.56%
11) S ortho-Terphenyl (SURR)	11.518	5748995	33.919 ug/ml
Spiked Amount 50.000		Recovery =	67.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	273416	1.743 ug/ml
2) T Naphthalene (C11.7)	5.946	272982	1.688 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	286933	1.960 ug/ml
5) T Acenaphthylene (C15.06)	8.274	277620	1.710 ug/ml
7) T Acenaphthene (C15.5)	8.569	317190	1.962 ug/ml
8) T Fluorene (C16.55)	9.355	279053	1.781 ug/ml
9) T Phenanthrene (C19.36)	10.751	255534	1.630 ug/ml
10) T Anthracene (C19.43)	10.826	280862	1.824 ug/ml
12) T Fluoranthene (C21.85)	12.562	255075	1.610 ug/ml
13) T Pyrene (C20.8)	12.858	265593	1.690 ug/ml
14) T Benzo[a]anthracene (C...	14.735	220351	1.494 ug/ml
15) T Chrysene (C27.41)	14.776	327104	2.093 ug/ml
16) T benzo[b]fluoranthene ...	16.285	228296	1.526 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	274116	1.827 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	220594	1.561 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	206159	1.744 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	298159	2.102 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	249835	1.921 ug/ml

(f)=RT Delta > 1/2 Window

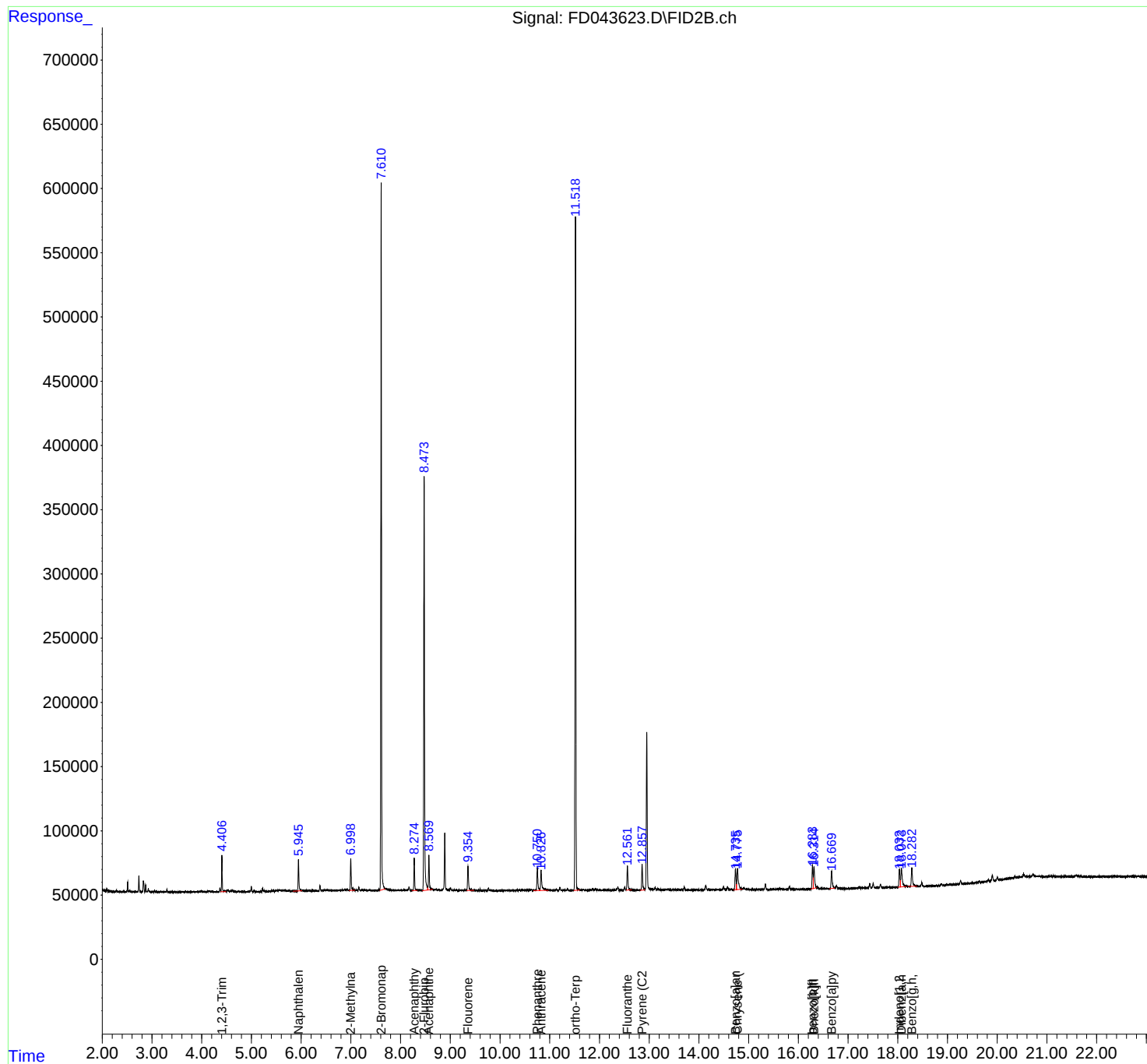
(m)=manual int.

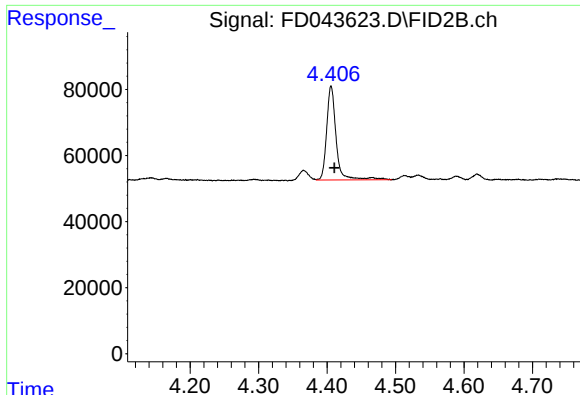
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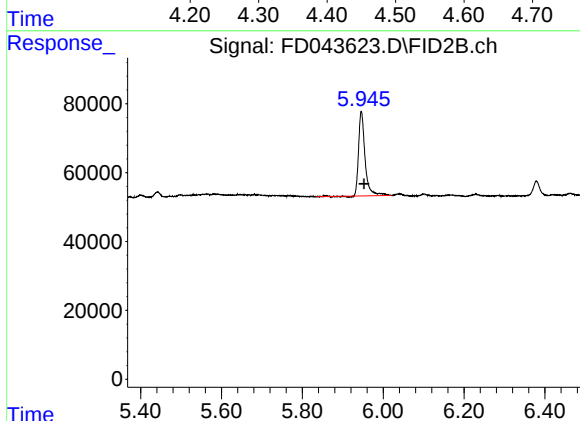




#1 1,2,3-Trimethylbenzene (C10.1)

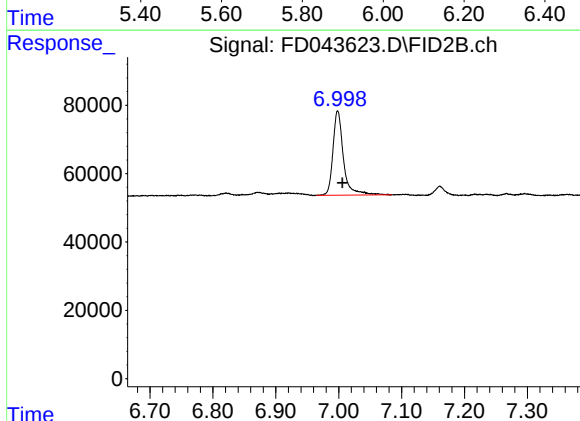
R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 273416
Conc: 1.74 ug/ml

Instrument :
FID_D
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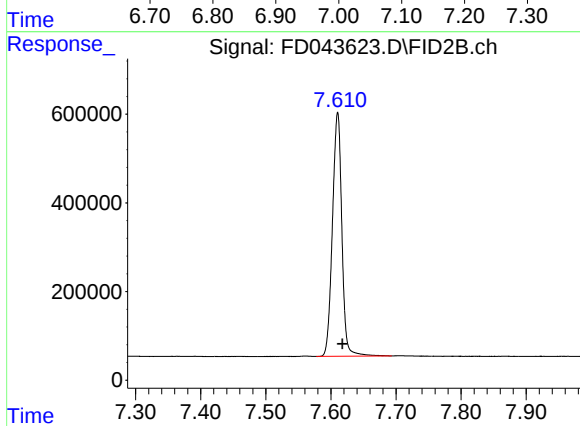
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 272982
Conc: 1.69 ug/ml



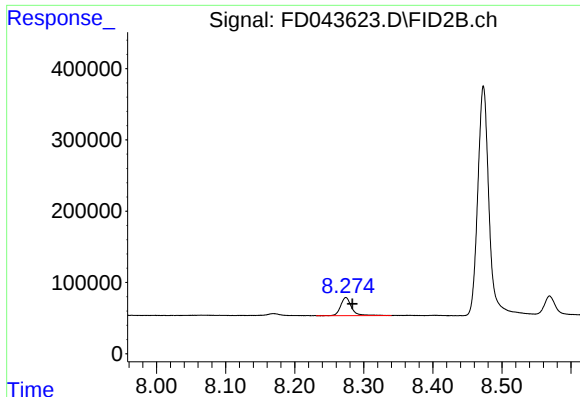
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.008 min
Response: 286933
Conc: 1.96 ug/ml



#4 2-Bromonaphthalene (SURR)

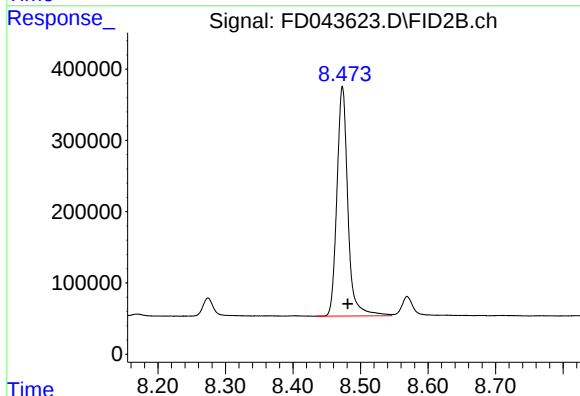
R.T.: 7.610 min
Delta R.T.: -0.008 min
Response: 553277
Conc: 39.12 ug/ml



#5 Acenaphthylene (C15.06)

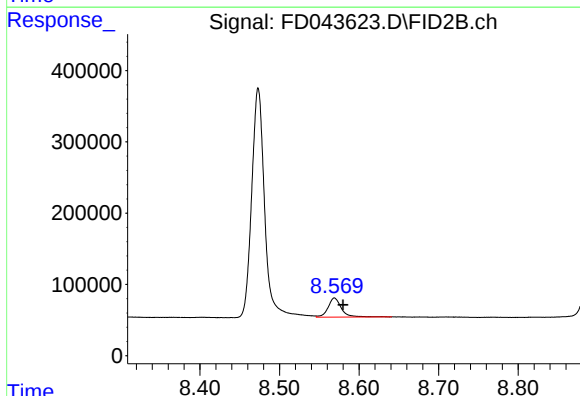
R.T.: 8.274 min
Delta R.T.: -0.009 min
Response: 277620
Conc: 1.71 ug/ml

Instrument :
FID_D
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LOD-MDL-SOIL-01-QT3-2022



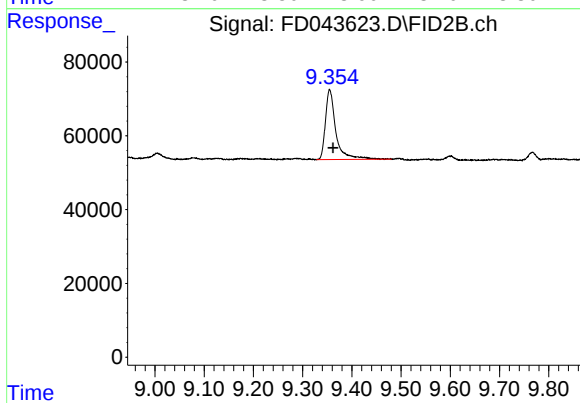
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 3638996
Conc: 38.28 ug/ml



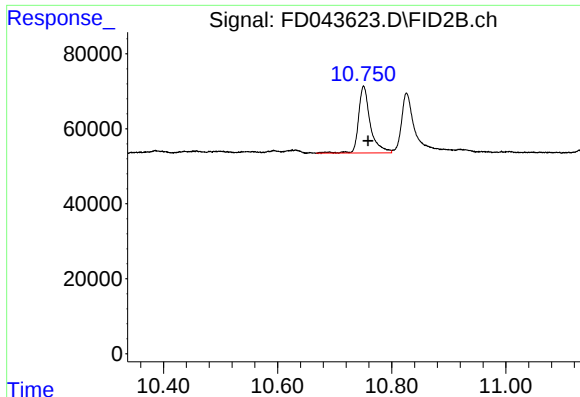
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: -0.011 min
Response: 317190
Conc: 1.96 ug/ml



#8 Fluorene (C16.55)

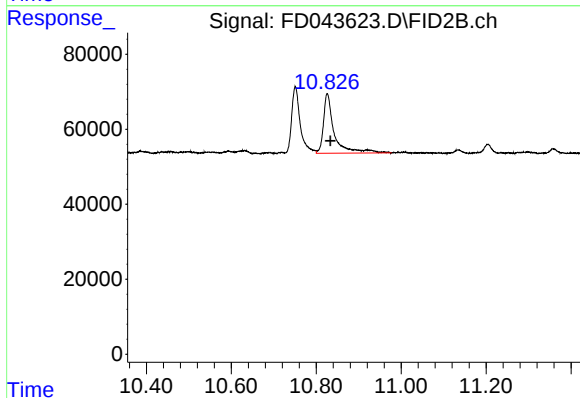
R.T.: 9.355 min
Delta R.T.: -0.006 min
Response: 279053
Conc: 1.78 ug/ml



#9 Phenanthrene (C19.36)

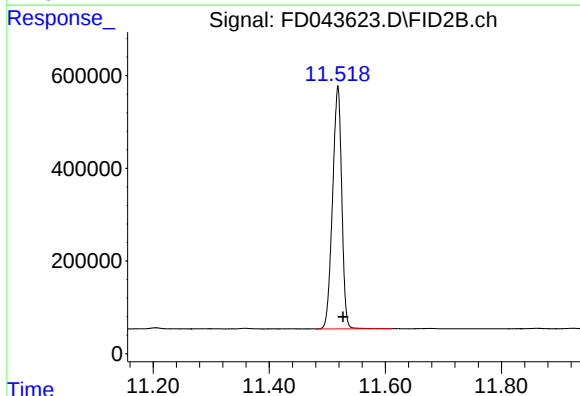
R.T.: 10.751 min
Delta R.T.: -0.008 min
Response: 255534
Conc: 1.63 ug/ml

Instrument :
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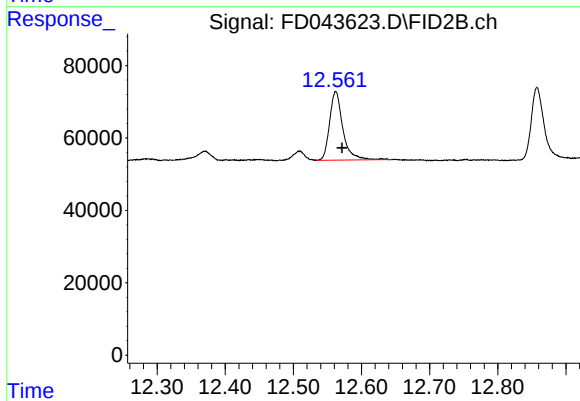
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.007 min
Response: 280862
Conc: 1.82 ug/ml



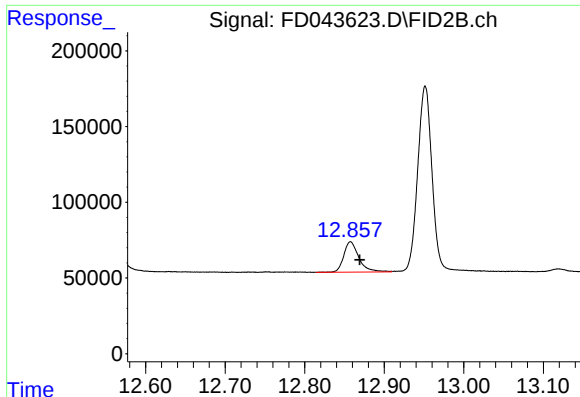
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 5748995
Conc: 33.92 ug/ml



#12 Fluoranthene (C21.85)

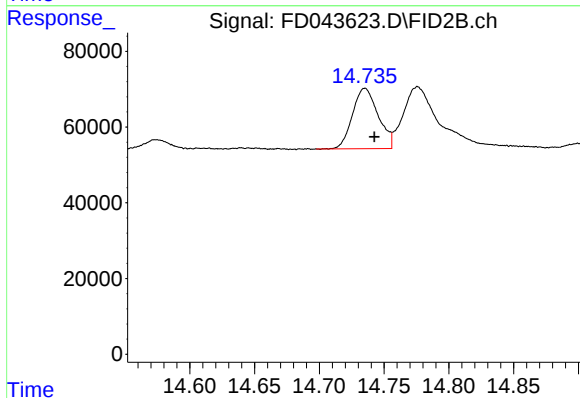
R.T.: 12.562 min
Delta R.T.: -0.009 min
Response: 255075
Conc: 1.61 ug/ml



#13 Pyrene (C20.8)

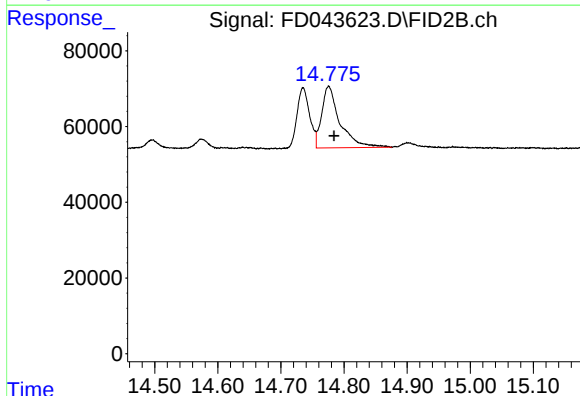
R.T.: 12.858 min
Delta R.T.: -0.011 min
Response: 265593
Conc: 1.69 ug/ml

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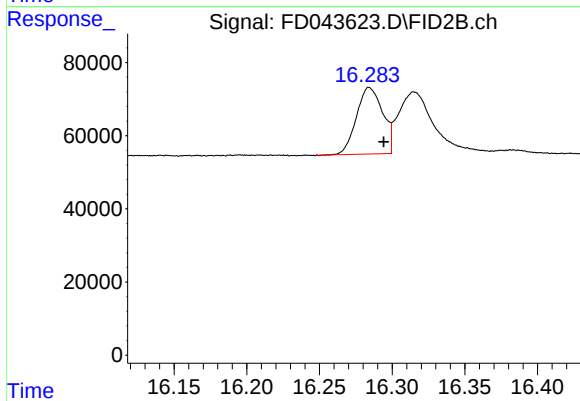
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.007 min
Response: 220351
Conc: 1.49 ug/ml



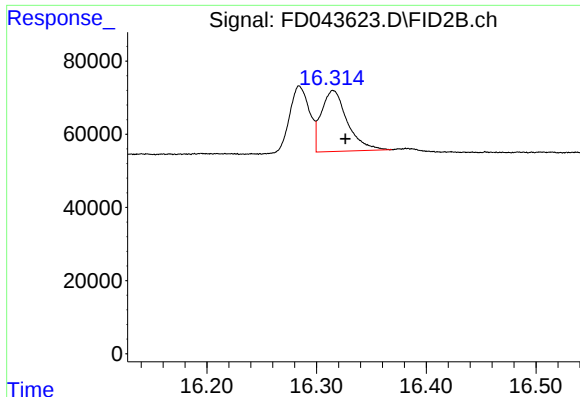
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: -0.008 min
Response: 327104
Conc: 2.09 ug/ml



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

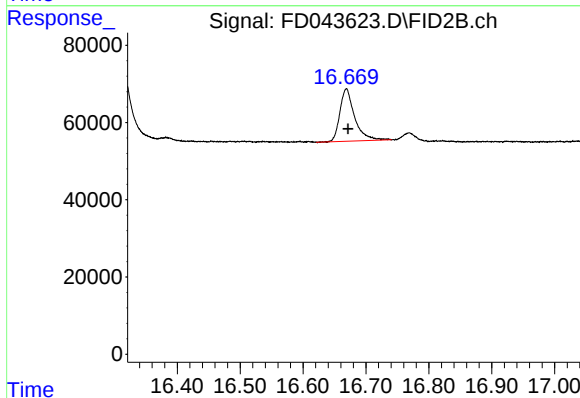
R.T.: 16.285 min
Delta R.T.: -0.009 min
Response: 228296
Conc: 1.53 ug/ml



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

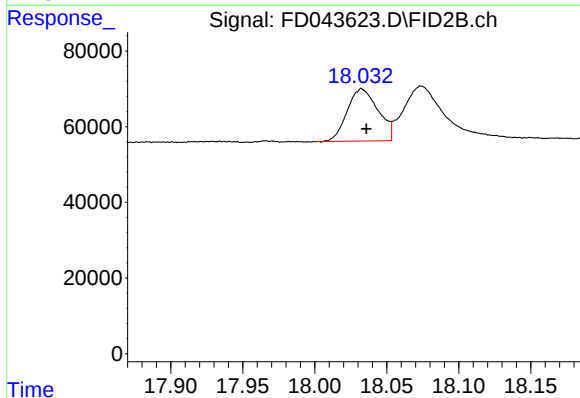
R.T.: 16.315 min
Delta R.T.: -0.011 min
Response: 274116
Conc: 1.83 ug/ml

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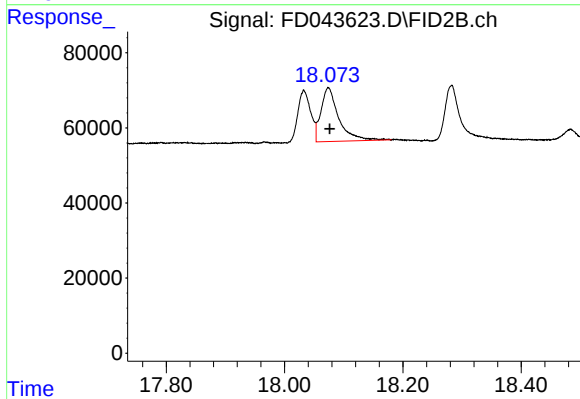
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.003 min
Response: 220594
Conc: 1.56 ug/ml



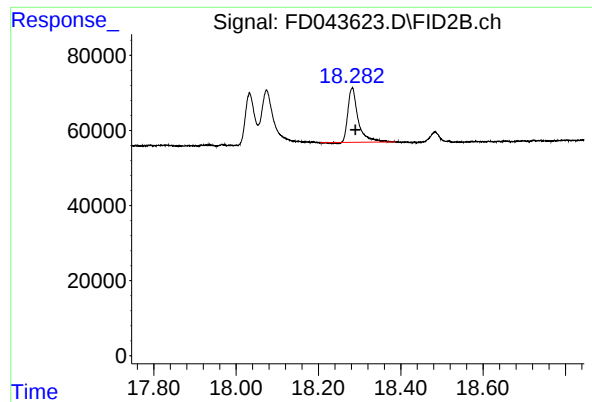
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: -0.003 min
Response: 206159
Conc: 1.74 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.002 min
Response: 298159
Conc: 2.10 ug/ml



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

R.T.: 18.282 min
Delta R.T.: -0.008 min
Response: 249835
Conc: 1.92 ug/ml

Instrument :

FID_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022