

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101722AR\
 Data File : FD044150.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2022 14:54
 Operator : YP/AJ
 Sample : N4955-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 18 03:32:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.416	7265740	58.521 ug/ml
Spiked Amount 50.000		Recovery =	117.04%
6) S 2-Fluorobiphenyl (SURR)	8.270	4714566	62.612 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	125.22%
11) S ortho-Terphenyl (SURR)	11.305	7591321	44.850 ug/ml
Spiked Amount 50.000		Recovery =	89.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	291964	2.068 ug/ml
2) T Naphthalene (C11.7)	5.771	260301	1.899 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	274969	1.940 ug/ml
5) T Acenaphthylene (C15.06)	8.080	318319	2.269 ug/ml
7) T Acenaphthene (C15.5)	8.368	461704	2.969 ug/ml
8) T Fluorene (C16.55)	9.158	284476	2.022 ug/ml
9) T Phenanthrene (C19.36)	10.550	283141	2.102 ug/ml
10) T Anthracene (C19.43)	10.631	259270	1.930 ug/ml
12) T Fluoranthene (C21.85)	12.353	330496	2.475 ug/ml
13) T Pyrene (C20.8)	12.645	280845	2.223 ug/ml
14) T Benzo[a]anthracene (C...	14.523	207119	1.950 ug/ml
15) T Chrysene (C27.41)	14.559	410682	3.133 ug/ml
16) T benzo[b]fluoranthene ...	16.064	256418	2.285 ug/ml
17) T Bnezo[k]fluoranthene ...	16.095	356764	2.804 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	208431	1.794 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.813	252861	2.372 ug/ml
20) T Dibenz[a,h]anthracene...	17.849	339819	2.747 ug/ml
21) T Benzo[g,h,i]perylene ...	18.058	289013	2.462 ug/ml

(f)=RT Delta > 1/2 Window

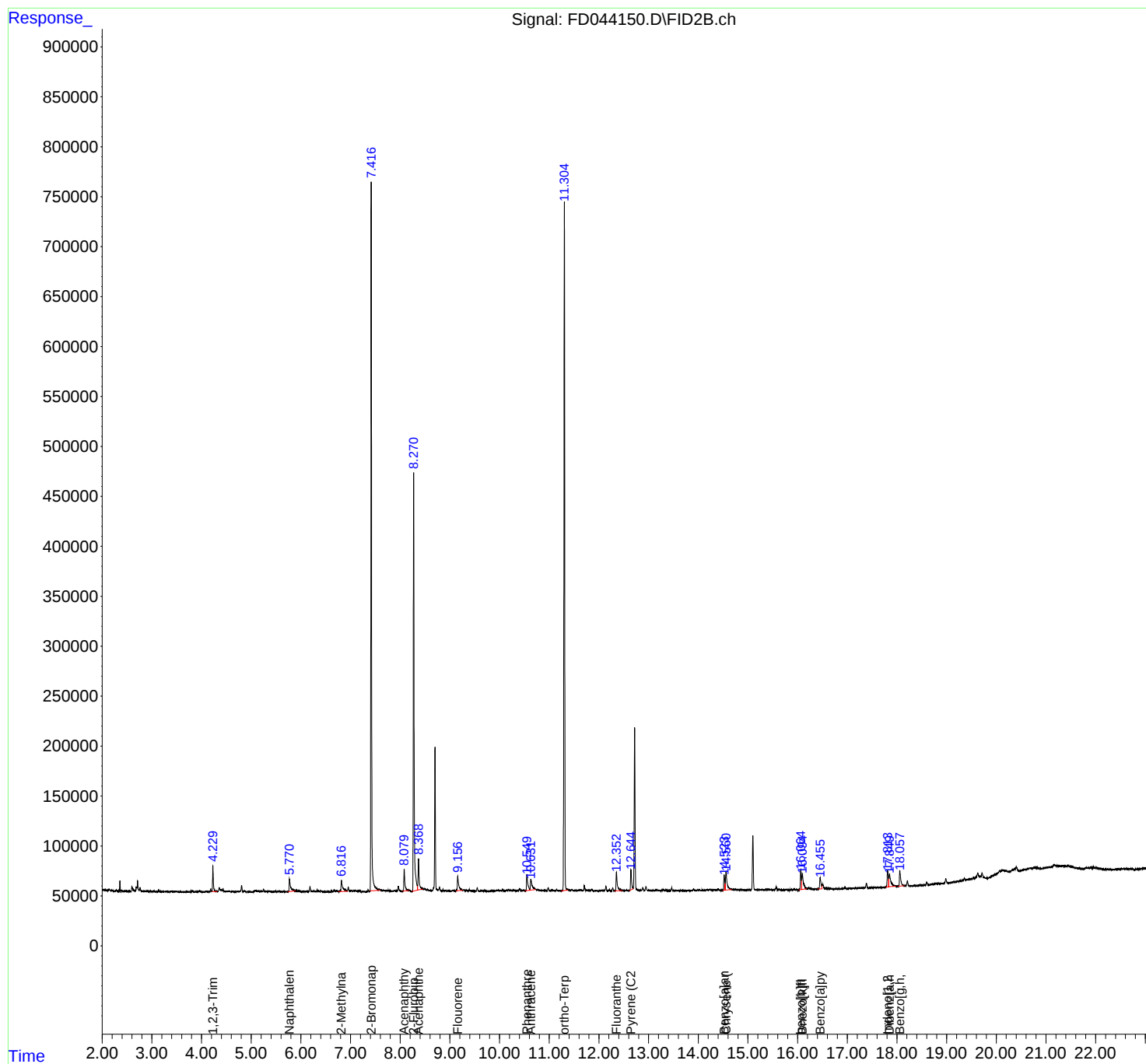
(m)=manual int.

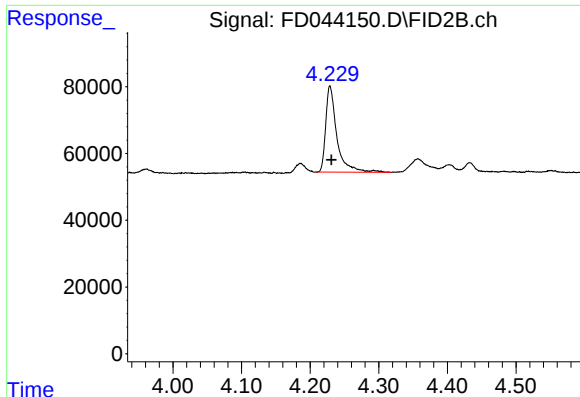
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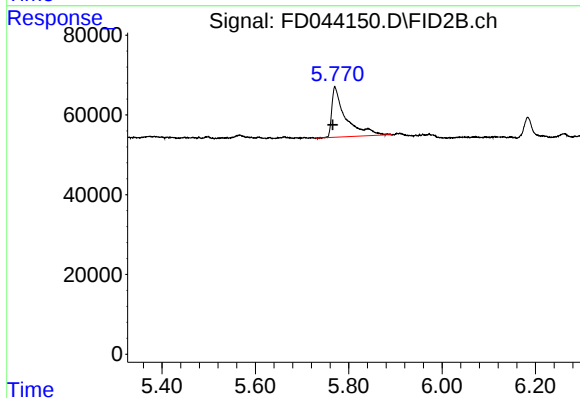




#1 1,2,3-Trimethylbenzene (C10.1)

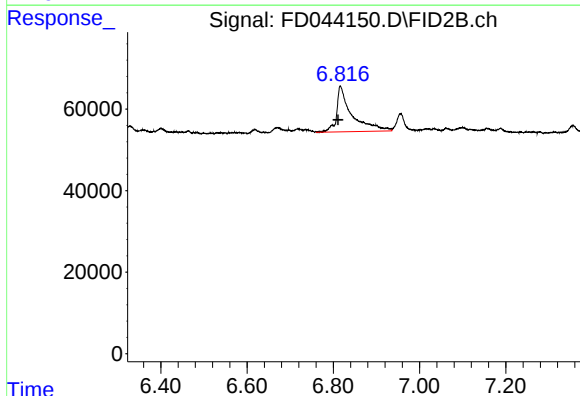
R.T.: 4.229 min
Delta R.T.: -0.002 min
Response: 291964
Conc: 2.07 ug/ml

Instrument :
FID_D
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LOD-MDL-SOIL-01-QT4-2022



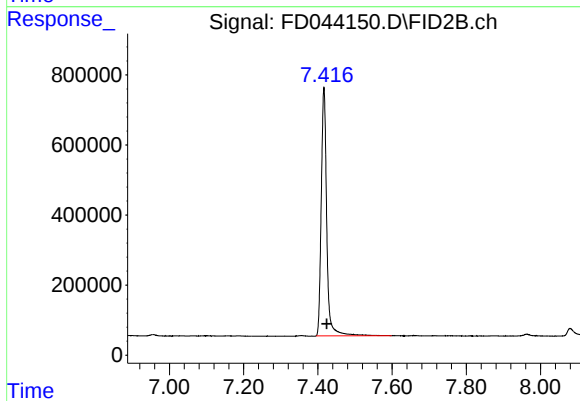
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: 0.006 min
Response: 260301
Conc: 1.90 ug/ml



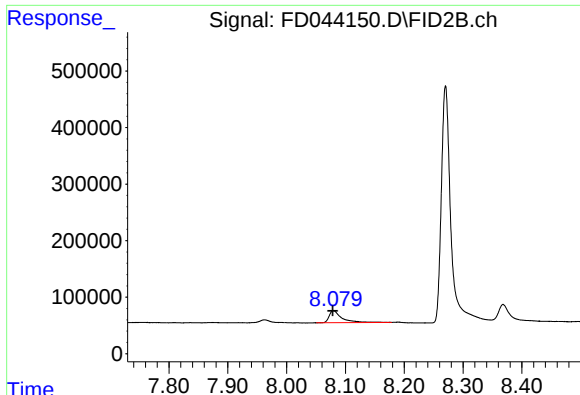
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: 0.006 min
Response: 274969
Conc: 1.94 ug/ml



#4 2-Bromonaphthalene (SURR)

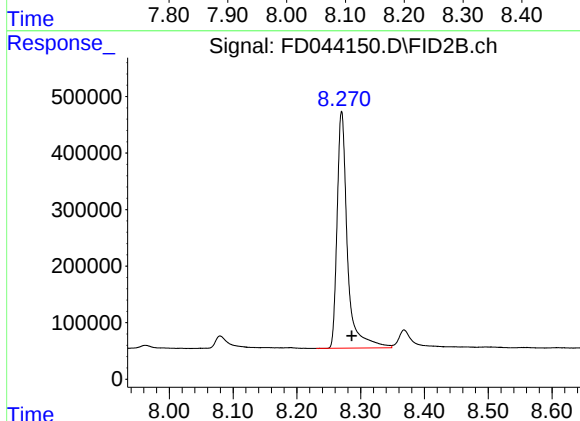
R.T.: 7.416 min
Delta R.T.: -0.007 min
Response: 7265740
Conc: 58.52 ug/ml



#5 Acenaphthylene (C15.06)

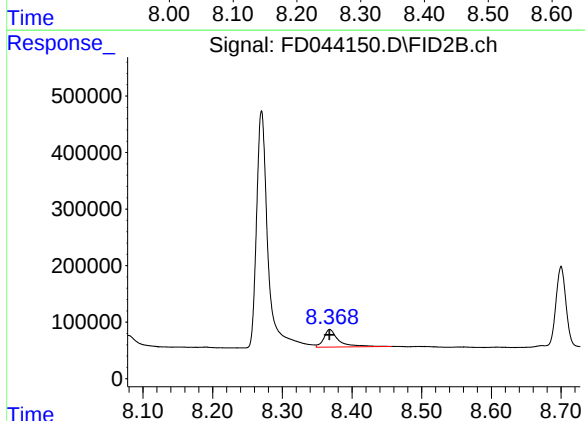
R.T.: 8.080 min
Delta R.T.: 0.002 min
Response: 318319
Conc: 2.27 ug/ml

Instrument :
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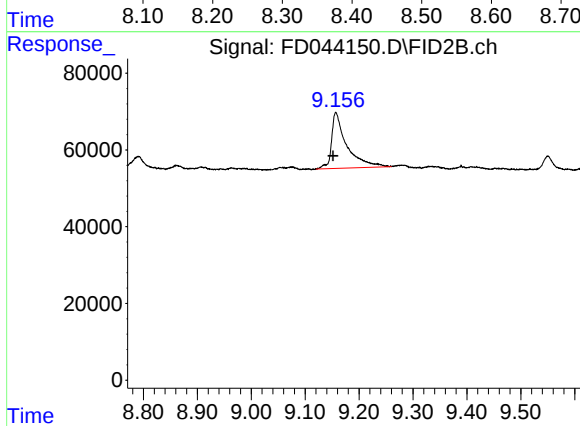
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.015 min
Response: 4714566
Conc: 62.61 ug/ml



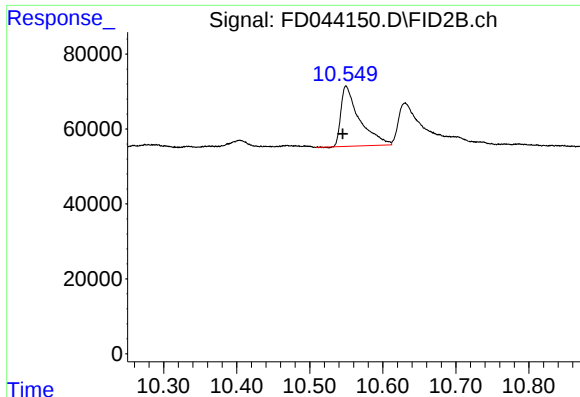
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 461704
Conc: 2.97 ug/ml



#8 Fluorene (C16.55)

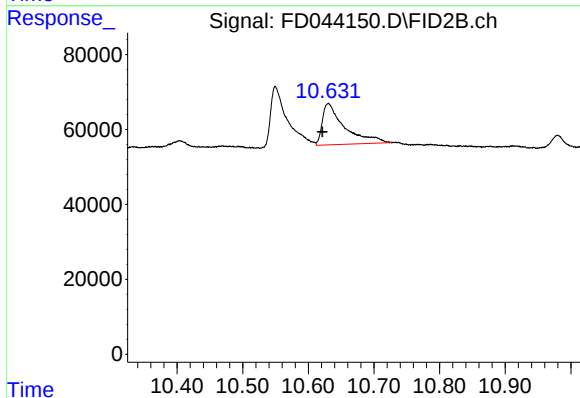
R.T.: 9.158 min
Delta R.T.: 0.006 min
Response: 284476
Conc: 2.02 ug/ml



#9 Phenanthrene (C19.36)

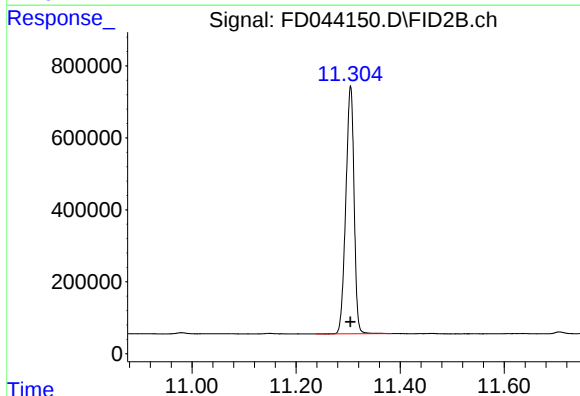
R.T.: 10.550 min
Delta R.T.: 0.005 min
Response: 283141
Conc: 2.10 ug/ml

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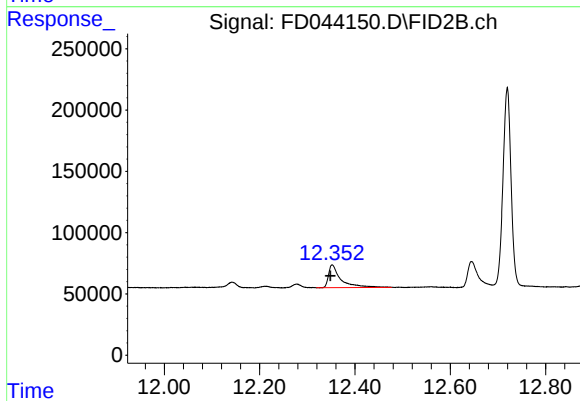
#10 Anthracene (C19.43)

R.T.: 10.631 min
Delta R.T.: 0.009 min
Response: 259270
Conc: 1.93 ug/ml



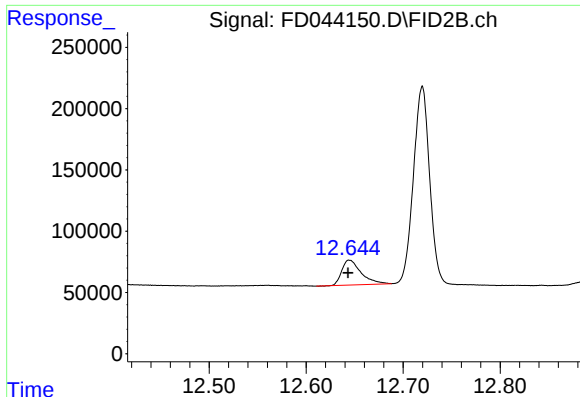
#11 ortho-Terphenyl (SURR)

R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 7591321
Conc: 44.85 ug/ml



#12 Fluoranthene (C21.85)

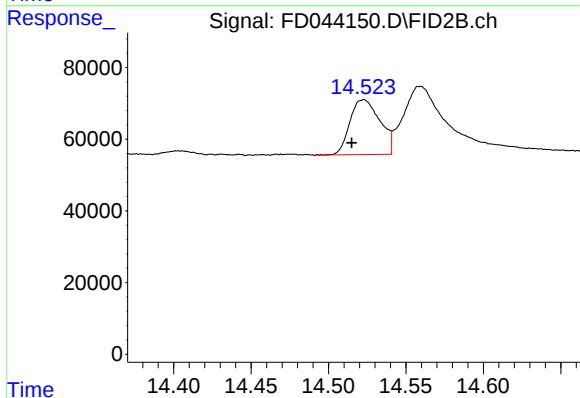
R.T.: 12.353 min
Delta R.T.: 0.004 min
Response: 330496
Conc: 2.47 ug/ml



#13 Pyrene (C20.8)

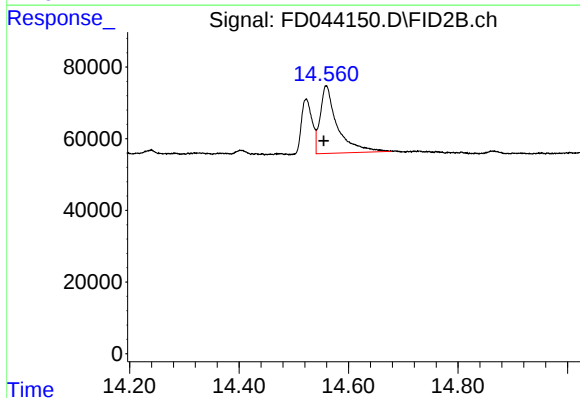
R.T.: 12.645 min
Delta R.T.: 0.002 min
Response: 280845
Conc: 2.22 ug/ml

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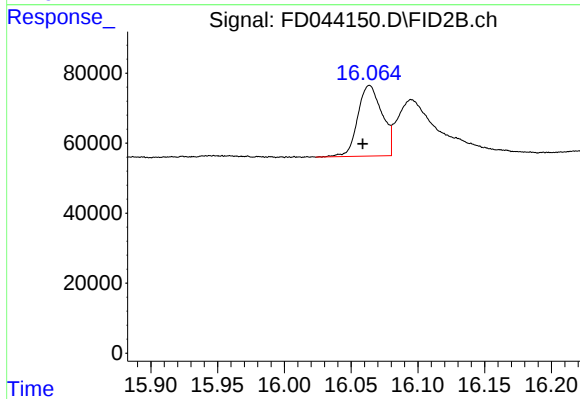
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.523 min
Delta R.T.: 0.008 min
Response: 207119
Conc: 1.95 ug/ml



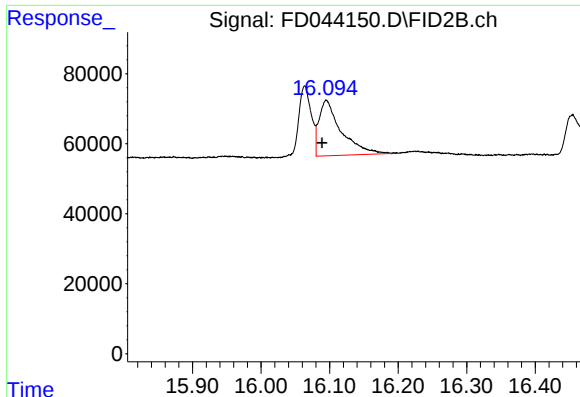
#15 Chrysene (C27.41)

R.T.: 14.559 min
Delta R.T.: 0.005 min
Response: 410682
Conc: 3.13 ug/ml



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

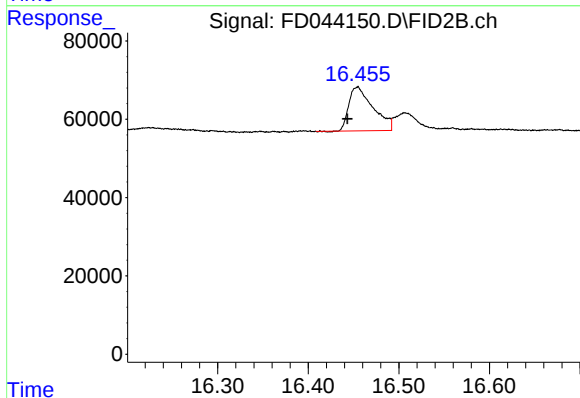
R.T.: 16.064 min
Delta R.T.: 0.005 min
Response: 256418
Conc: 2.28 ug/ml



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

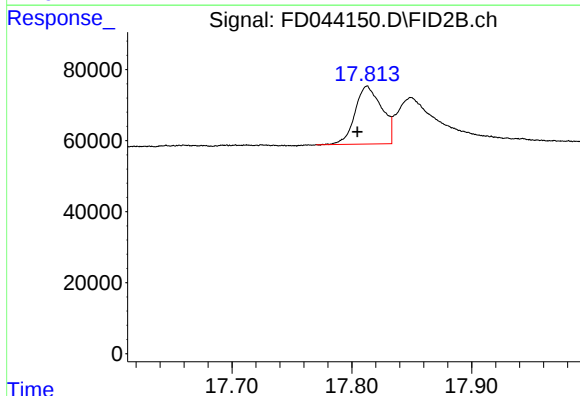
R.T.: 16.095 min
Delta R.T.: 0.006 min
Response: 356764
Conc: 2.80 ug/ml

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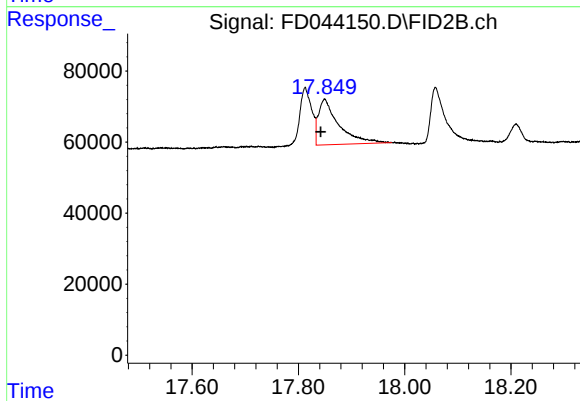
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: 0.011 min
Response: 208431
Conc: 1.79 ug/ml



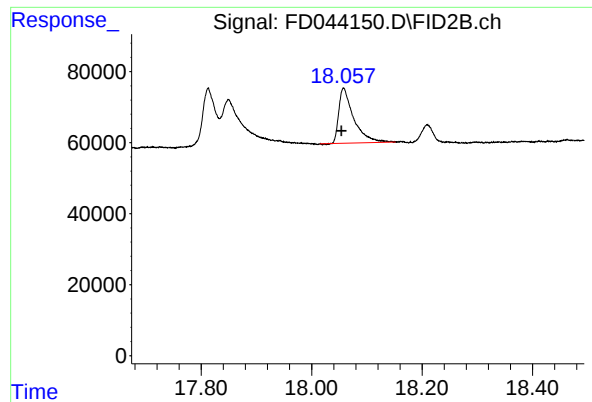
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.813 min
Delta R.T.: 0.008 min
Response: 252861
Conc: 2.37 ug/ml



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

R.T.: 17.849 min
Delta R.T.: 0.008 min
Response: 339819
Conc: 2.75 ug/ml



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

R.T.: 18.058 min
Delta R.T.: 0.005 min
Response: 289013
Conc: 2.46 ug/ml

Instrument :
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