

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102820AR\
 Data File : FD035182.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2020 13:21
 Operator : DD\AJ
 Sample : L4214-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

Integration File: autoint1.e
 Quant Time: Oct 29 02:23:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.646	5809819	50.403 ug/ml
Spiked Amount 50.000		Recovery =	100.81%
6) S 2-Fluorobiphenyl (SURR)	8.510	3981631	50.085 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.17%
11) S ortho-Terphenyl (SURR)	11.550	5926642	44.962 ug/ml
Spiked Amount 50.000		Recovery =	89.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	254977	1.961 ug/ml
2) T Naphthalene (C11.7)	5.987	280341	2.061 ug/ml
3) T 2-Methylnaphthalene (...)	7.039	281568	2.066 ug/ml
5) T Acenaphthylene (C15.06)	8.312	293091	2.204 ug/ml
7) T Acenaphthene (C15.5)	8.606	359677	2.659 ug/ml
8) T Fluorene (C16.55)	9.392	277239	2.137 ug/ml
9) T Phenanthrene (C19.36)	10.788	256501	2.024 ug/ml
10) T Anthracene (C19.43)	10.865	249654	1.953 ug/ml
12) T Fluoranthene (C21.85)	12.598	289056	2.320 ug/ml
13) T Pyrene (C20.8)	12.894	287264	2.350 ug/ml
14) T Benzo[a]anthracene (C...	14.769	212514	2.005 ug/ml
15) T Chrysene (C27.41)	14.810	319955	2.734 ug/ml
16) T benzo[b]fluoranthene ...	16.317	225849	2.200 ug/ml
17) T Bnezo[k]fluoranthene ...	16.349	278195	2.653 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.702	194125	2.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.067	185989	2.097 ug/ml
20) T Dibenz[a,h]anthracene...	18.102	290452	2.865 ug/ml
21) T Benzo[g,h,i]perylene ...	18.313	221932	2.323 ug/ml

(f)=RT Delta > 1/2 Window

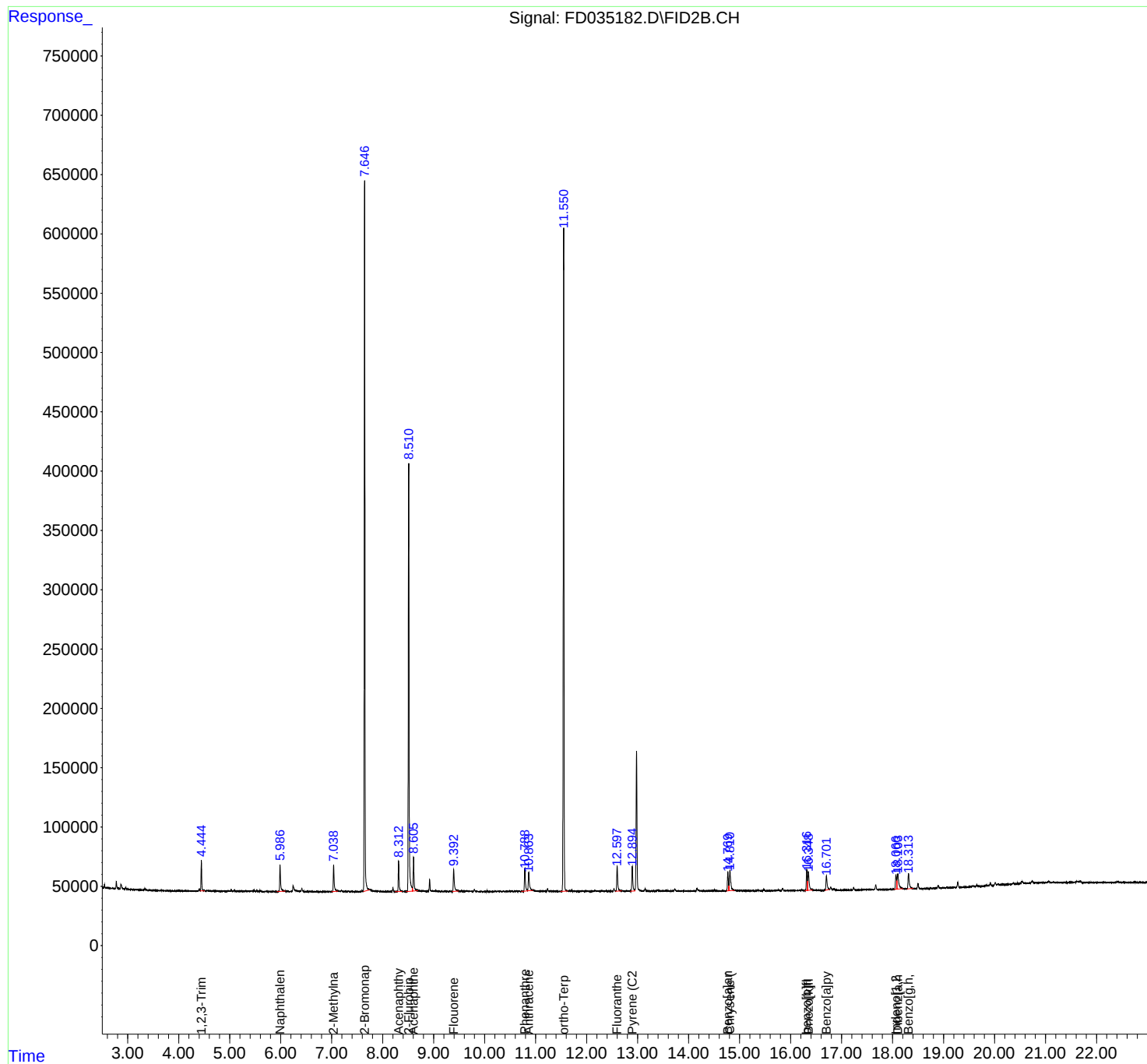
(m)=manual int.

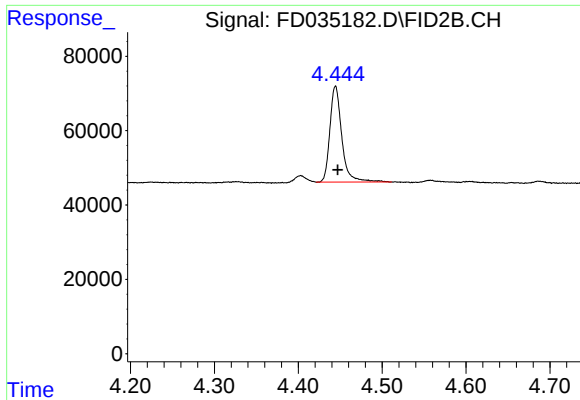
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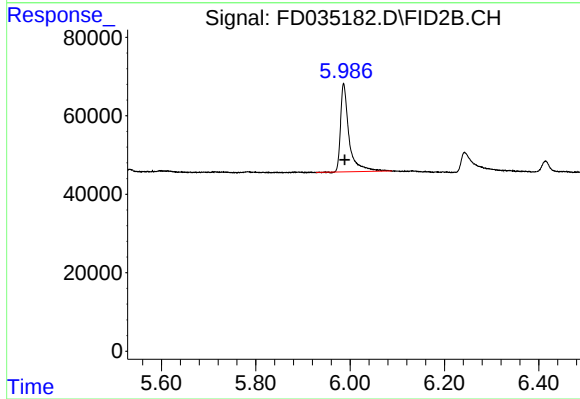




#1 1,2,3-Trimethylbenzene (C10.1)

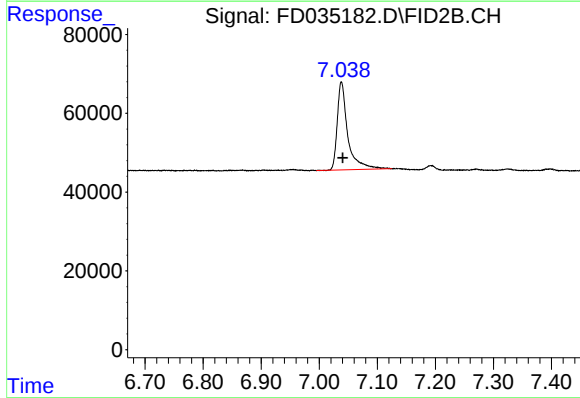
R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 254977
Conc: 1.96 ug/ml

Instrument :
FID_D
ClientSampleId :
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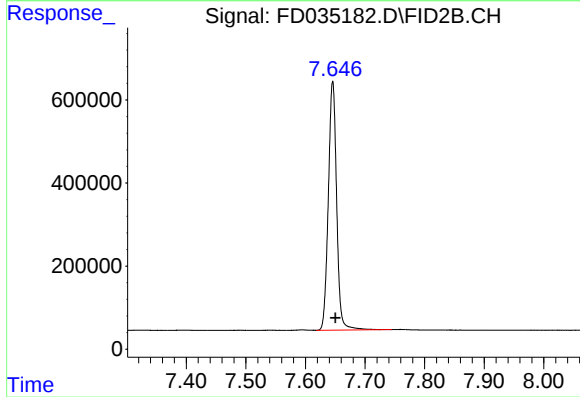
#2 Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 280341
Conc: 2.06 ug/ml



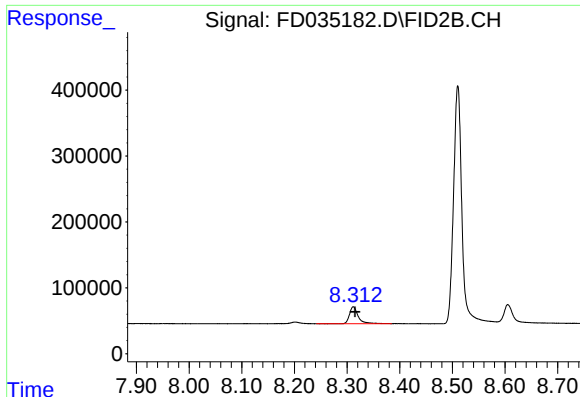
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 281568
Conc: 2.07 ug/ml



#4 2-Bromonaphthalene (SURR)

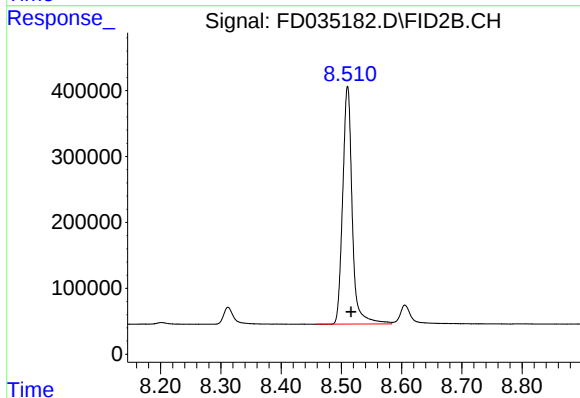
R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 5809819
Conc: 50.40 ug/ml



#5 Acenaphthylene (C15.06)

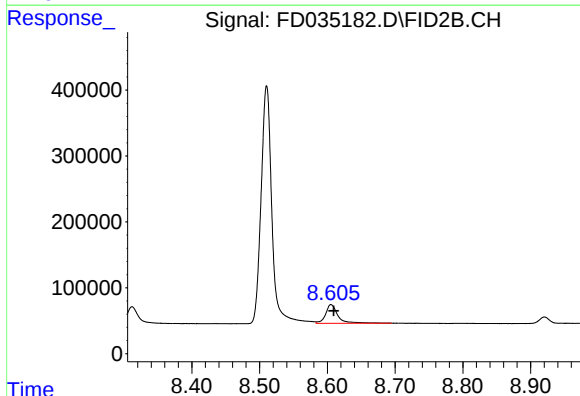
R.T.: 8.312 min
Delta R.T.: -0.003 min
Response: 293091
Conc: 2.20 ug/ml

Instrument :
FID_D
ClientSampleId :
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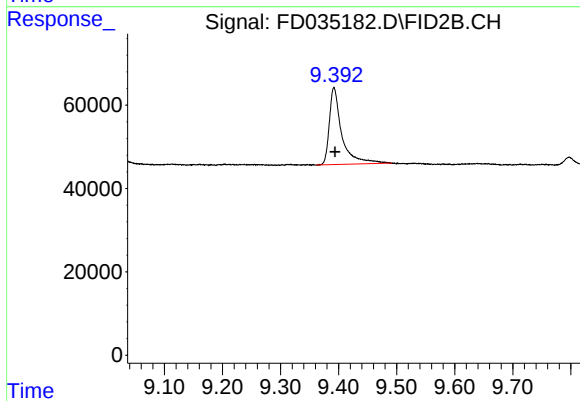
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min
Delta R.T.: -0.006 min
Response: 3981631
Conc: 50.09 ug/ml



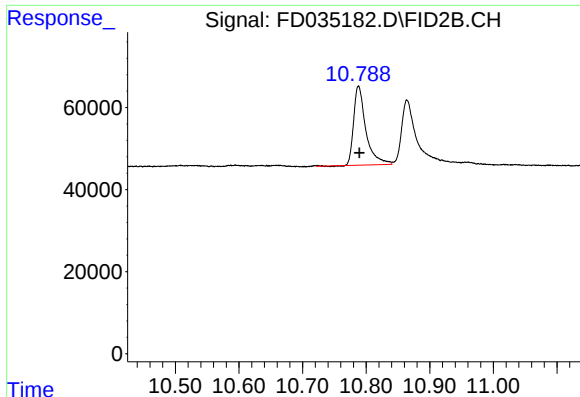
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 359677
Conc: 2.66 ug/ml



#8 Fluorene (C16.55)

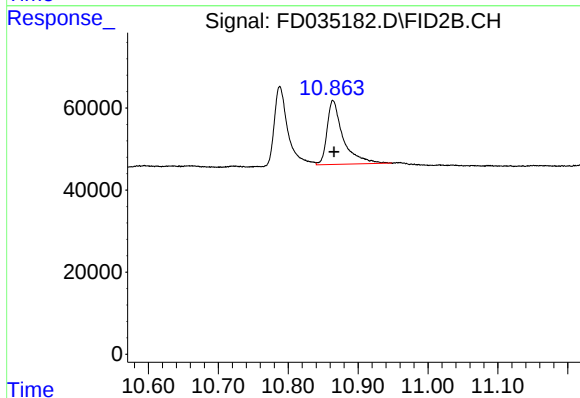
R.T.: 9.392 min
Delta R.T.: -0.001 min
Response: 277239
Conc: 2.14 ug/ml



#9 Phenanthrene (C19.36)

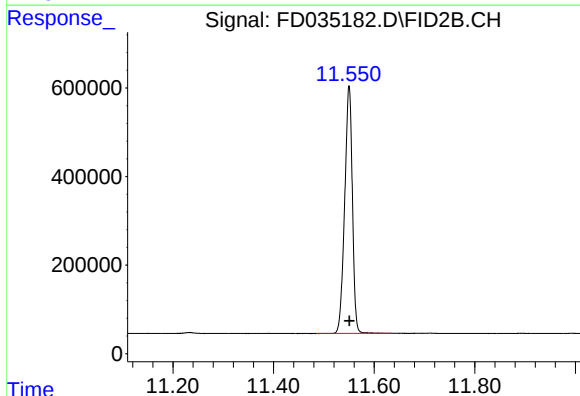
R.T.: 10.788 min
Delta R.T.: -0.001 min
Response: 256501
Conc: 2.02 ug/ml

Instrument :
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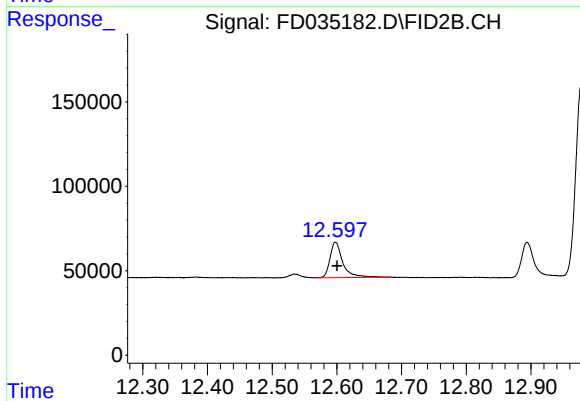
#10 Anthracene (C19.43)

R.T.: 10.865 min
Delta R.T.: -0.001 min
Response: 249654
Conc: 1.95 ug/ml



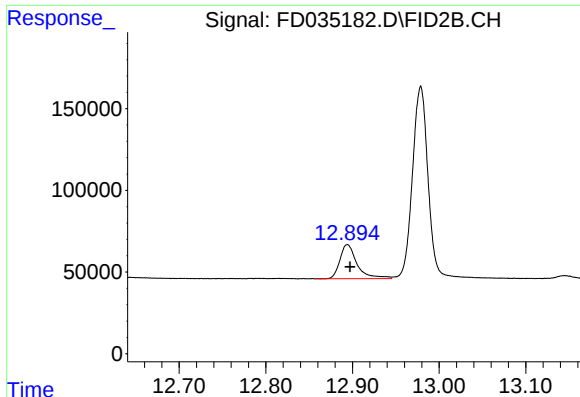
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 5926642
Conc: 44.96 ug/ml



#12 Fluoranthene (C21.85)

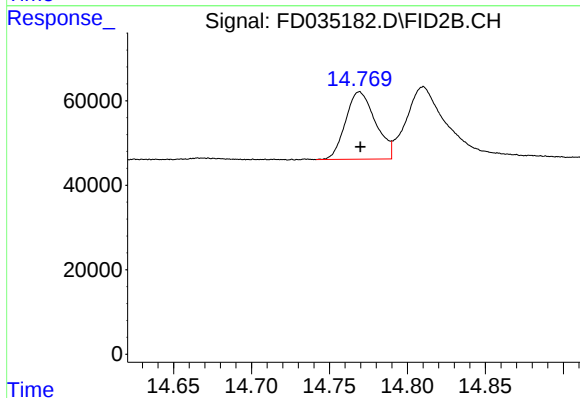
R.T.: 12.598 min
Delta R.T.: -0.003 min
Response: 289056
Conc: 2.32 ug/ml



#13 Pyrene (C20.8)

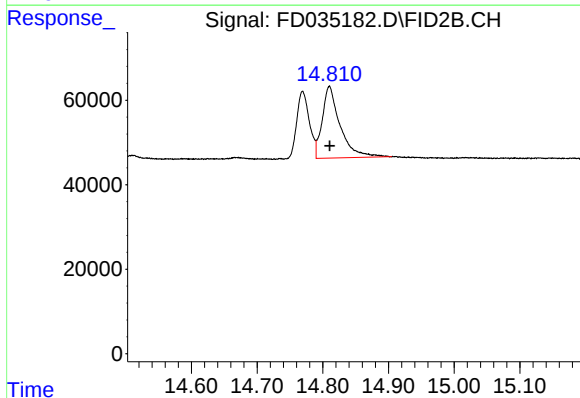
R.T.: 12.894 min
Delta R.T.: -0.003 min
Response: 287264
Conc: 2.35 ug/ml

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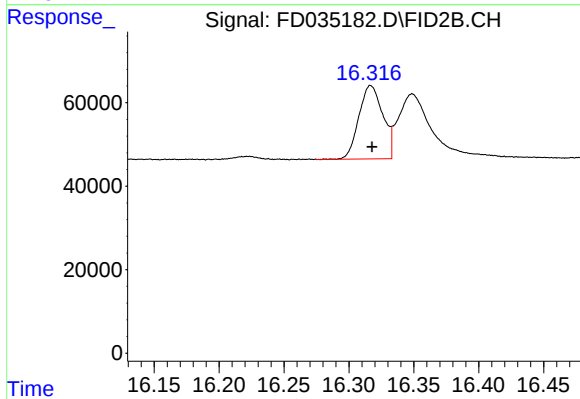
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: 0.000 min
Response: 212514
Conc: 2.00 ug/ml



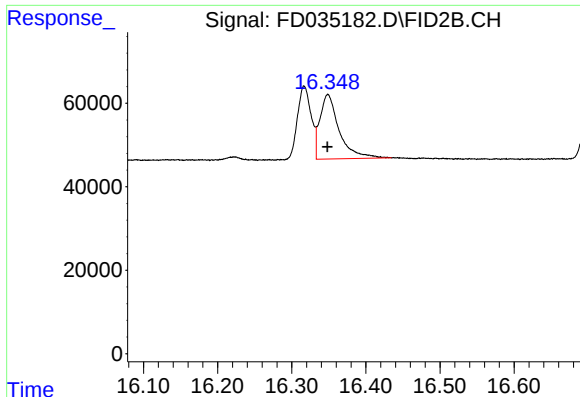
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: 0.000 min
Response: 319955
Conc: 2.73 ug/ml



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

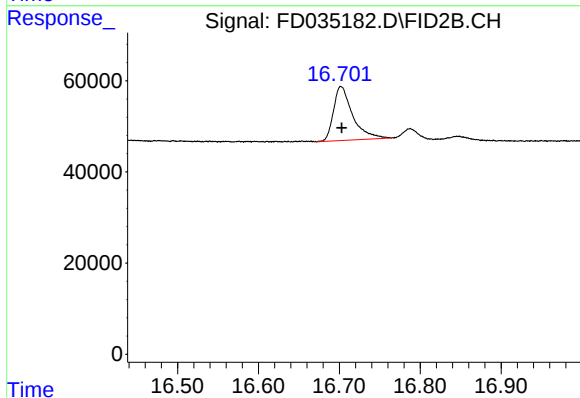
R.T.: 16.317 min
Delta R.T.: 0.000 min
Response: 225849
Conc: 2.20 ug/ml



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

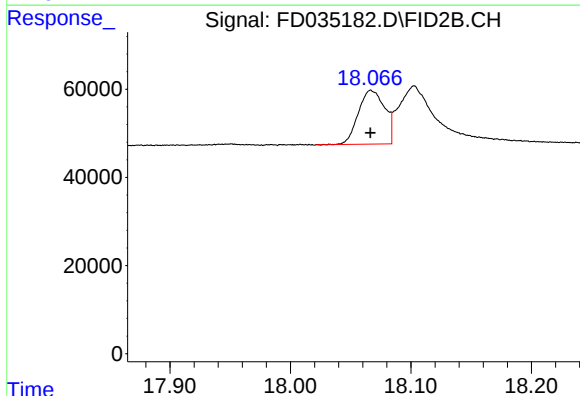
R.T.: 16.349 min
Delta R.T.: 0.000 min
Response: 278195
Conc: 2.65 ug/ml

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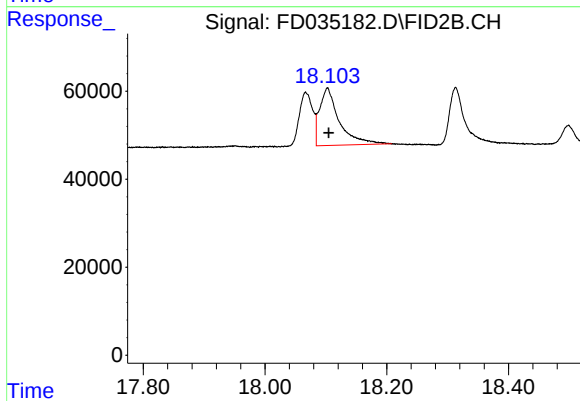
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.702 min
Delta R.T.: 0.000 min
Response: 194125
Conc: 2.05 ug/ml



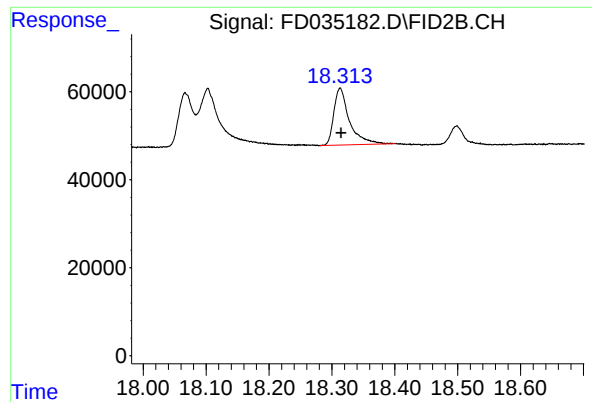
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.067 min
Delta R.T.: 0.001 min
Response: 185989
Conc: 2.10 ug/ml



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

R.T.: 18.102 min
Delta R.T.: -0.002 min
Response: 290452
Conc: 2.86 ug/ml



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

R.T.: 18.313 min
Delta R.T.: -0.002 min
Response: 221932
Conc: 2.32 ug/ml

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