

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050621AR\
 Data File : FD037386.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2021 18:23
 Operator : DD\AJ
 Sample : M2279-06MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EME-17MS

Manual Integrations
 APPROVED

Ankita
 5/7/2021 11:17:31 AM

Integration File: autoint1.e
 Quant Time: May 07 05:40:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.569	4217152	35.667 ug/ml
Spiked Amount 50.000		Recovery =	71.33%
6) S 2-Fluorobiphenyl (SURR)	8.431	2163809	28.042 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	56.08%
11) S ortho-Terphenyl (SURR)	11.472	3045326	24.655 ug/ml
Spiked Amount 50.000		Recovery =	49.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	3096012	23.283 ug/ml
2) T Naphthalene (C11.7)	5.906	3691991	26.857 ug/ml
3) T 2-Methylnaphthalene (...)	6.959	3853414	28.735 ug/ml
5) T Acenaphthylene (C15.06)	8.235	4097687	32.760 ug/ml
7) T Acenaphthene (C15.5)	8.530	3980395	30.802 ug/ml
8) T Flouorene (C16.55)	9.311	4071919	33.243 ug/ml
9) T Phenanthrene (C19.36)	10.708	4039165	34.265 ug/ml
10) T Anthracene (C19.43)	10.783	3865808	33.561 ug/ml
12) T Fluoranthene (C21.85)	12.520	4062207	34.831 ug/ml
13) T Pyrene (C20.8)	12.817	4076216	35.407 ug/ml
14) T Benzo[a]anthracene (C...	14.688	3854661	35.023 ug/ml
15) T Chrysene (C27.41)	14.732	4086539	36.099 ug/mlm
16) T benzo[b]fluoranthene ...	16.241	4052404	36.129 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	3908307	36.287 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.620	3972322	38.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	3790012	35.629 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	3739589	35.791 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	3831304	35.869 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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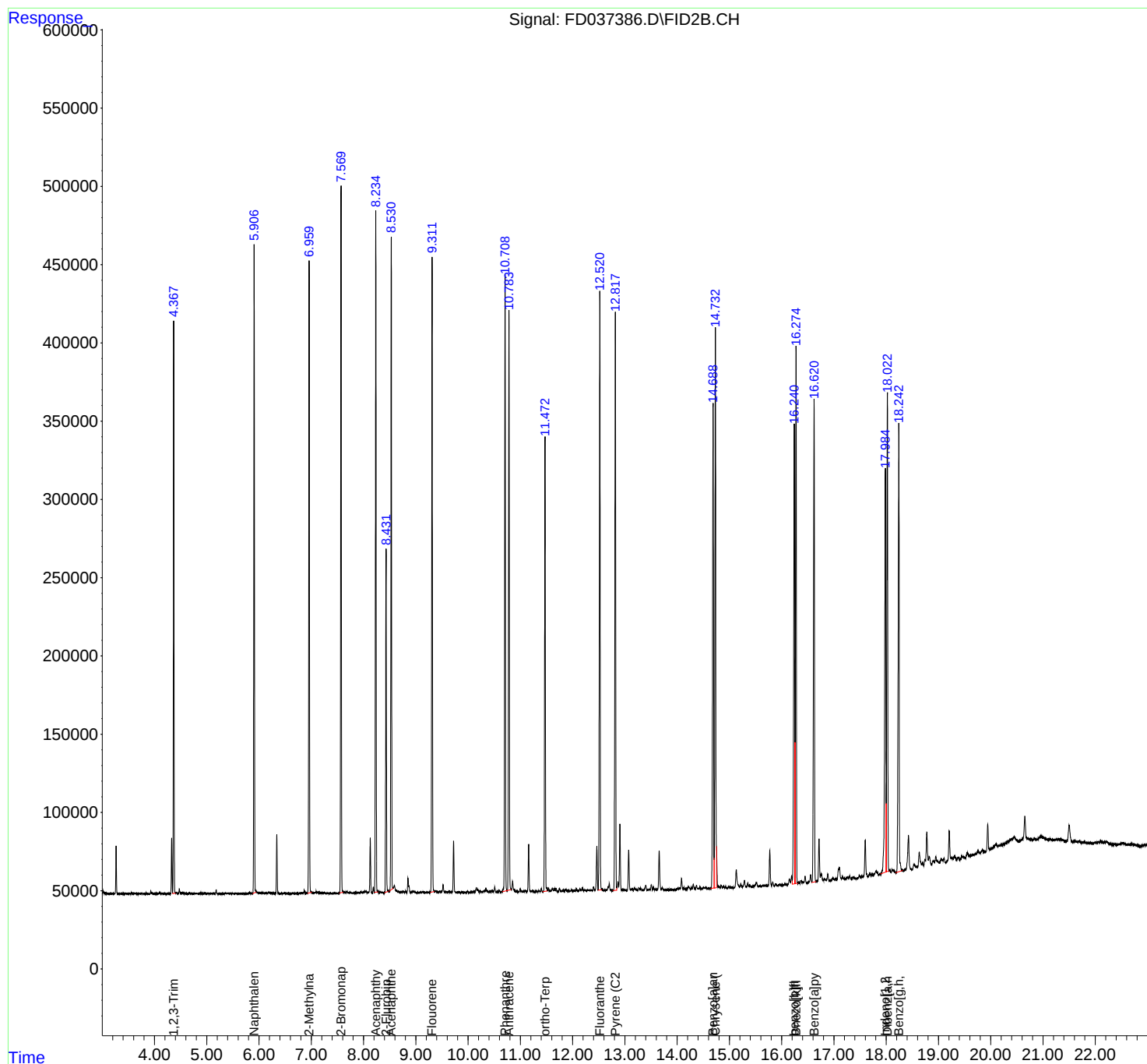
Instrument :
FID_D
ClientSampleId :
EME-17MS

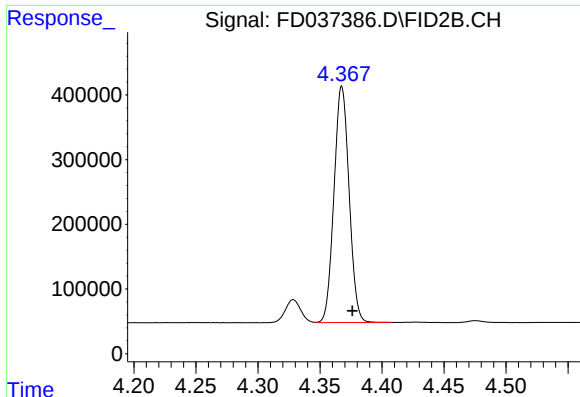
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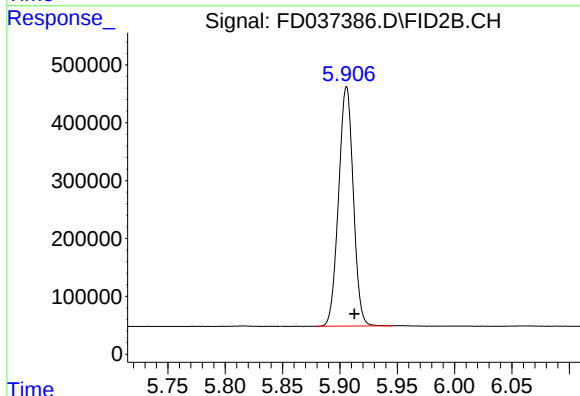
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: -0.008 min
Response: 3096012
Conc: 23.28 ug/ml

Instrument :
FID_D
ClientSampleId :
EME-17MS

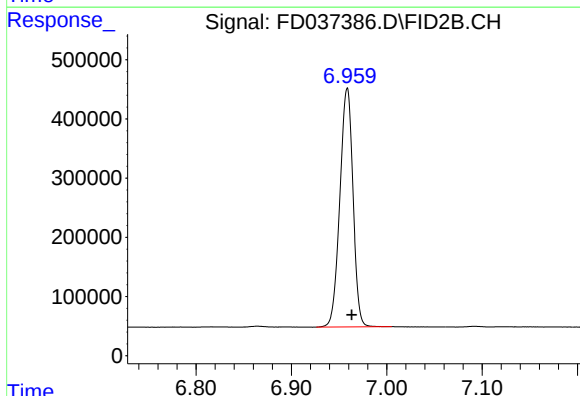
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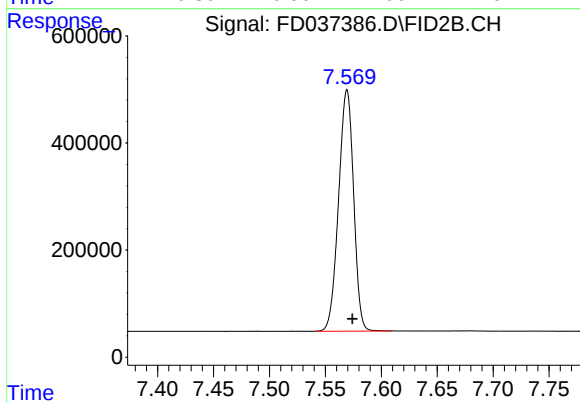
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.007 min
Response: 3691991
Conc: 26.86 ug/ml



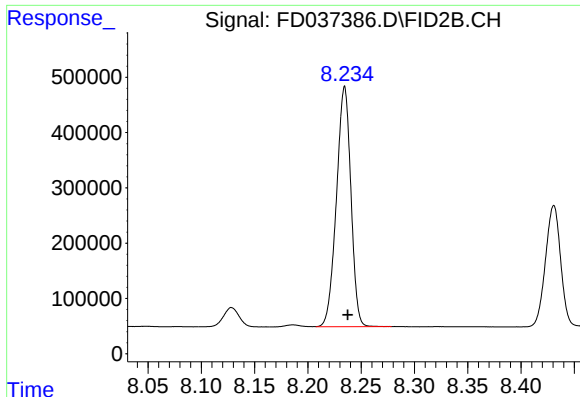
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 3853414
Conc: 28.74 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.569 min
Delta R.T.: -0.005 min
Response: 4217152
Conc: 35.67 ug/ml



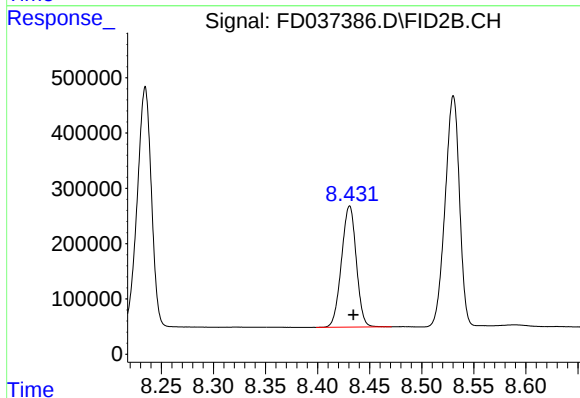
#5 Acenaphthylene (C15.06)

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 4097687
Conc: 32.76 ug/ml

Instrument :
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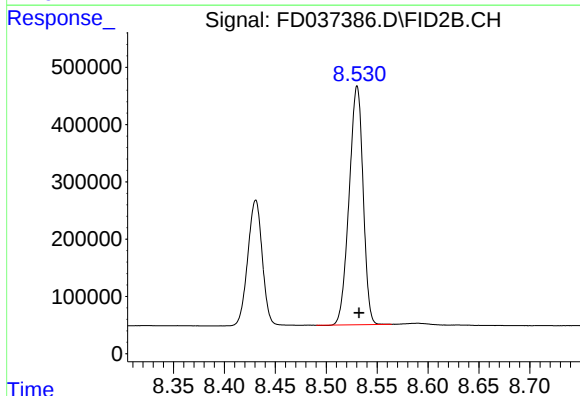
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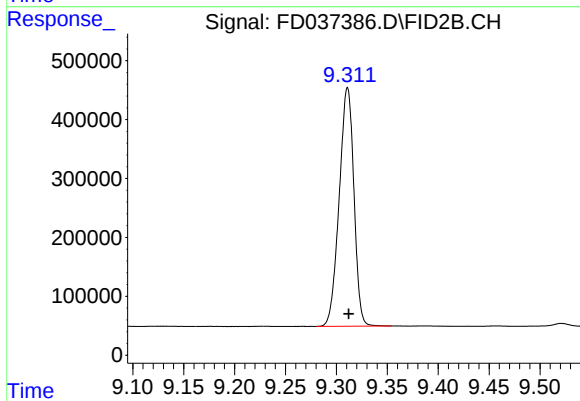
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.431 min
Delta R.T.: -0.004 min
Response: 2163809
Conc: 28.04 ug/ml



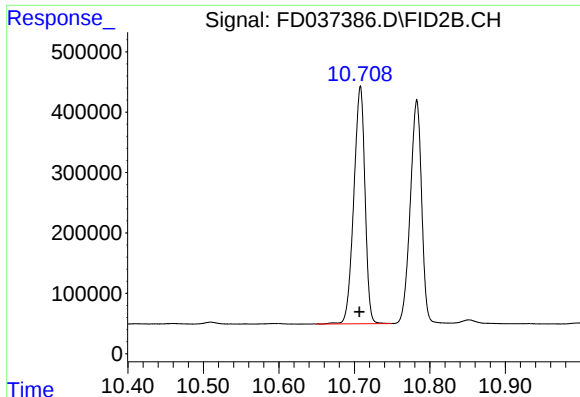
#7 Acenaphthene (C15.5)

R.T.: 8.530 min
Delta R.T.: -0.002 min
Response: 3980395
Conc: 30.80 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.311 min
Delta R.T.: -0.001 min
Response: 4071919
Conc: 33.24 ug/ml



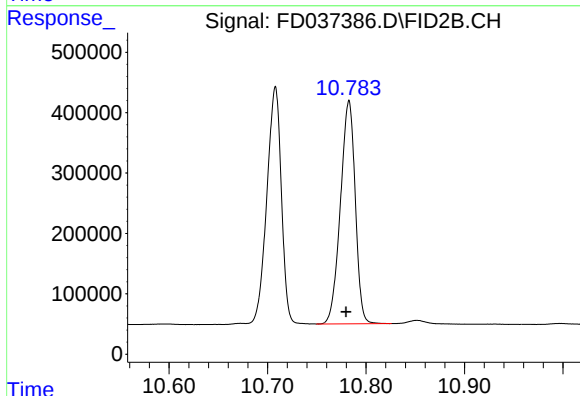
#9 Phenanthrene (C19.36)

R.T.: 10.708 min
Delta R.T.: 0.002 min
Response: 4039165
Conc: 34.27 ug/ml

Instrument :
FID_D
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EME-17MS

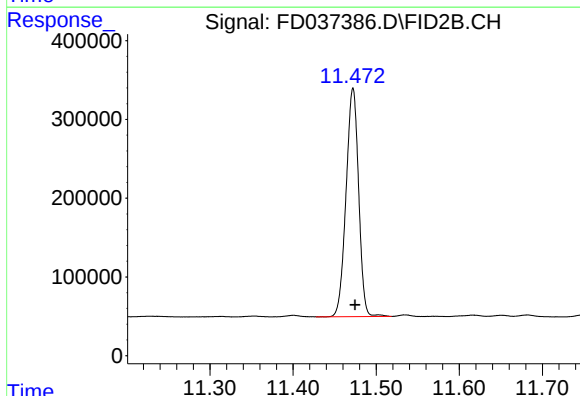
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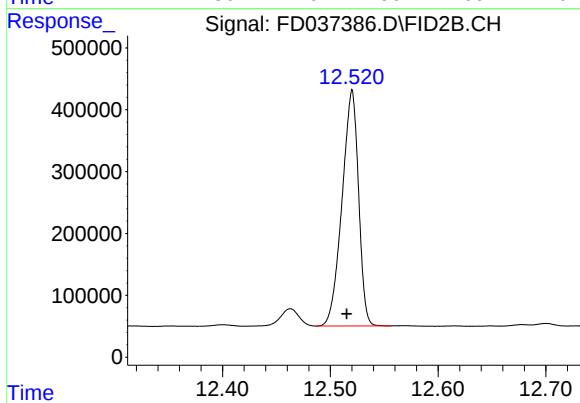
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: 0.003 min
Response: 3865808
Conc: 33.56 ug/ml



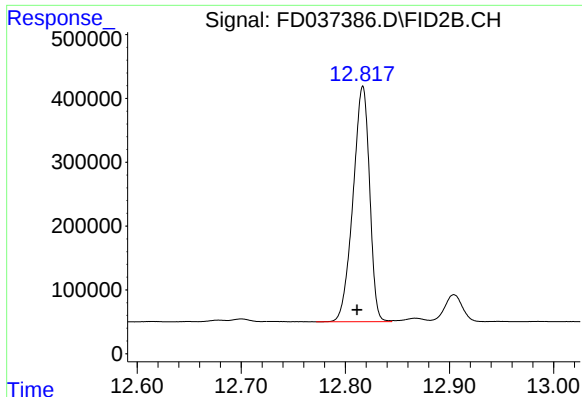
#11 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.003 min
Response: 3045326
Conc: 24.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.520 min
Delta R.T.: 0.005 min
Response: 4062207
Conc: 34.83 ug/ml



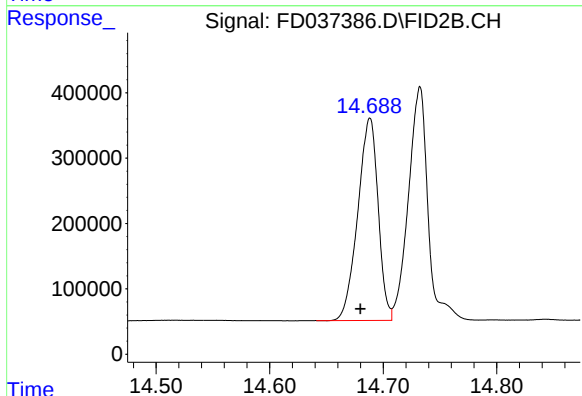
#13 Pyrene (C20.8)

R.T.: 12.817 min
Delta R.T.: 0.006 min
Response: 4076216
Conc: 35.41 ug/ml

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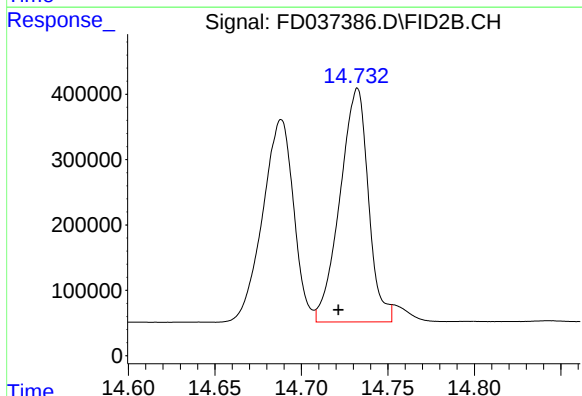
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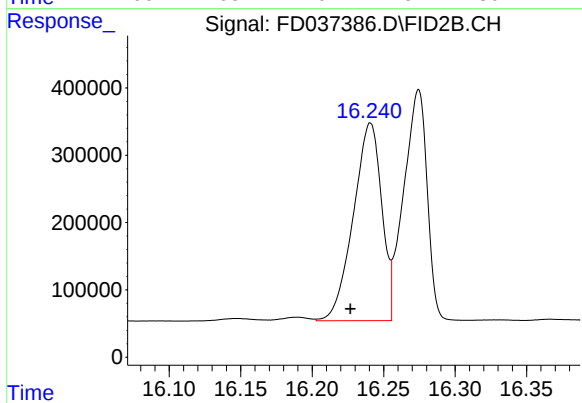
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: 0.009 min
Response: 3854661
Conc: 35.02 ug/ml



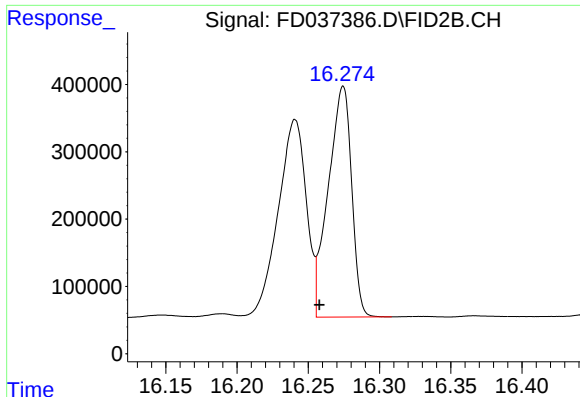
#15 Chrysene (C27.41)

R.T.: 14.732 min
Delta R.T.: 0.010 min
Response: 4086539
Conc: 36.10 ug/ml m



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

R.T.: 16.241 min
Delta R.T.: 0.014 min
Response: 4052404
Conc: 36.13 ug/ml



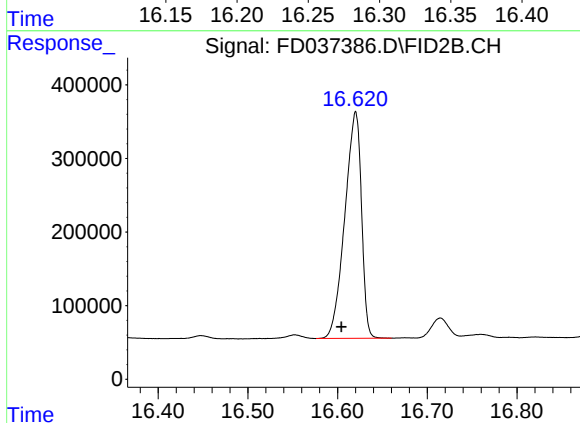
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.274 min
Delta R.T.: 0.017 min
Response: 3908307
Conc: 36.29 ug/ml

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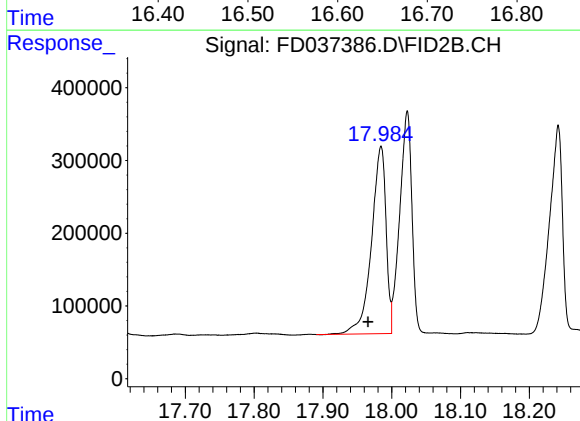
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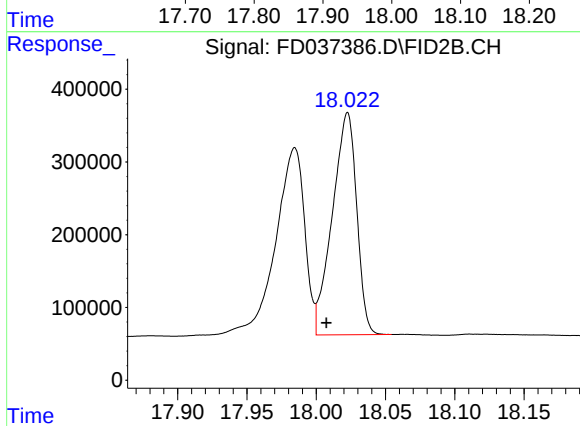
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.620 min
Delta R.T.: 0.016 min
Response: 3972322
Conc: 38.38 ug/ml



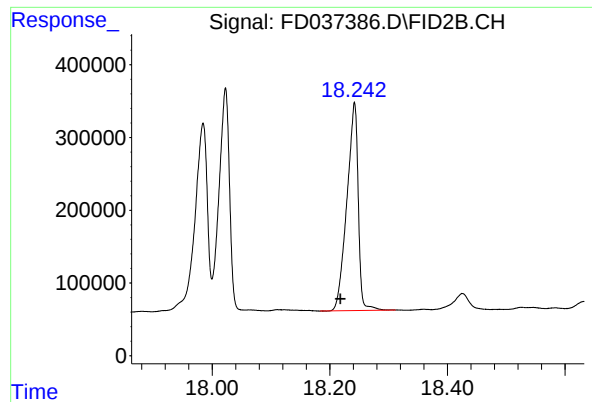
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: 0.019 min
Response: 3790012
Conc: 35.63 ug/ml



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

R.T.: 18.023 min
Delta R.T.: 0.015 min
Response: 3739589
Conc: 35.79 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.024 min
Response: 3831304
Conc: 35.87 ug/ml

Instrument :
FID_D
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