

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032256.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 23:48
 Operator : DD\AJ
 Sample : L1274-02MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 BORING-B2-SAMPLE-S1MS

Manual Integrations
 APPROVED

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 2/3/2020 2:39:25 PM

Integration File: autoint1.e
 Quant Time: Feb 01 00:47:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.637	5793913	51.541 ug/ml
Spiked Amount 50.000		Recovery =	103.08%
6) S 2-Fluorobiphenyl (SURR)	8.500	3729668	47.851 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.70%
11) S ortho-Terphenyl (SURR)	11.544	4948151	39.867 ug/ml
Spiked Amount 50.000		Recovery =	79.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	3139936	27.724 ug/ml
2) T Naphthalene (C11.7)	5.976	4027765	33.113 ug/ml
3) T 2-Methylnaphthalene (...)	7.028	4883482	39.873 ug/ml
5) T Acenaphthylene (C15.06)	8.304	5576595	46.590 ug/ml
7) T Acenaphthene (C15.5)	8.600	6384729	51.631 ug/ml
8) T Fluorene (C16.55)	9.382	8180460	65.497 ug/ml
9) T Phenanthrene (C19.36)	10.792	23107795	183.035 ug/ml
10) T Anthracene (C19.43)	10.858	8235262	65.778 ug/ml
12) T Fluoranthene (C21.85)	12.615	24738284	193.284 ug/mlm
13) T Pyrene (C20.8)	12.913	24067525	191.227 ug/mlm
14) T Benzo[a]anthracene (C...	14.772	12765104	104.534 ug/ml
15) T Chrysene (C27.41)	14.819	12391356	100.692 ug/mlm
16) T benzo[b]fluoranthene ...	16.328	9637195	79.809 ug/ml
17) T Bnezo[k]fluoranthene ...	16.355	4985644	41.209 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.639	5505468	46.084 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070f	5374255	46.778 ug/ml
20) T Dibenz[a,h]anthracene...	18.101	3611388	30.883 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.326f	5316898	46.663 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 72 Sample Multiplier: 1

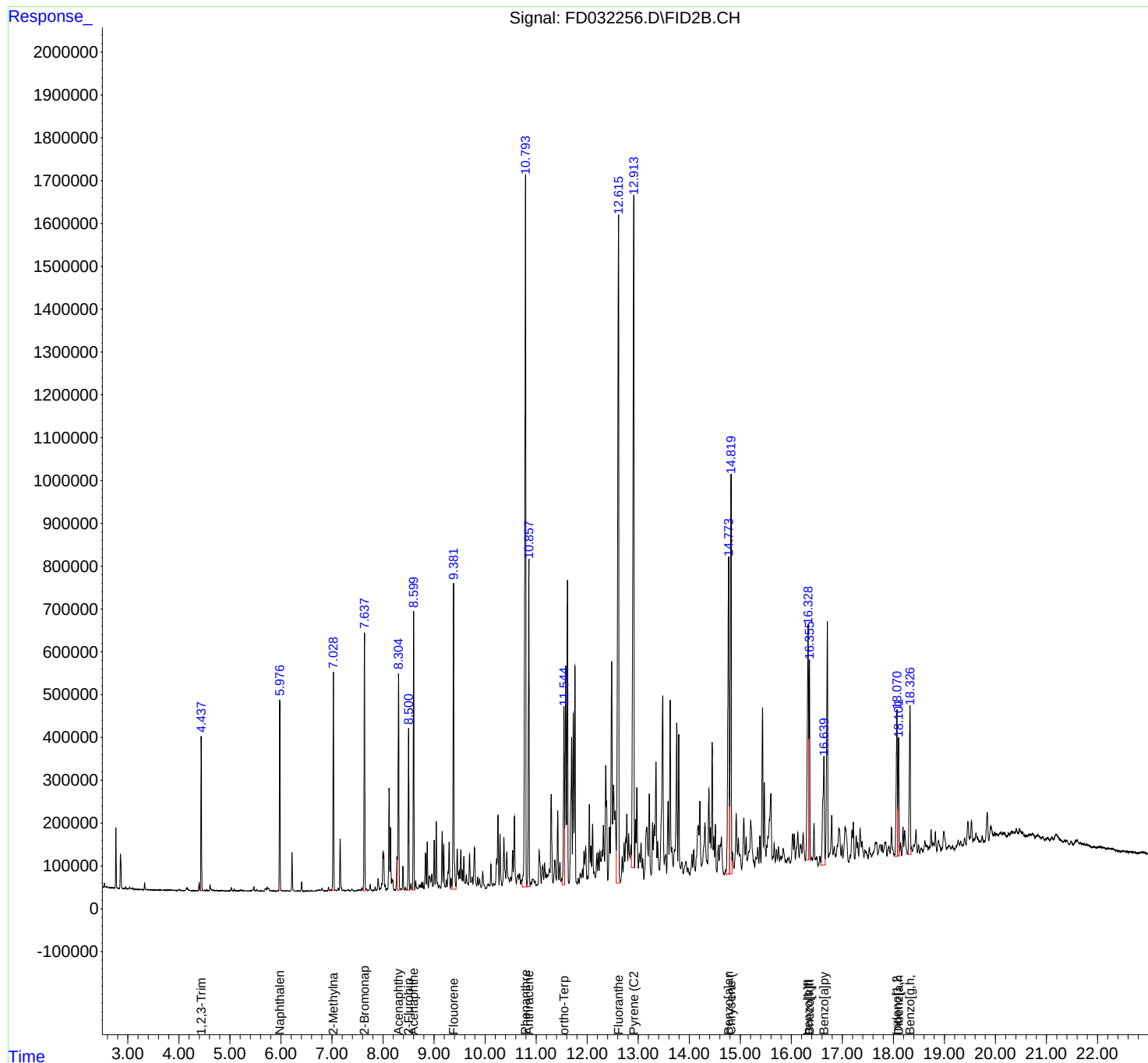
Instrument :
FID_D
ClientSampleId :
BORING-B2-SAMPLE-S1MS

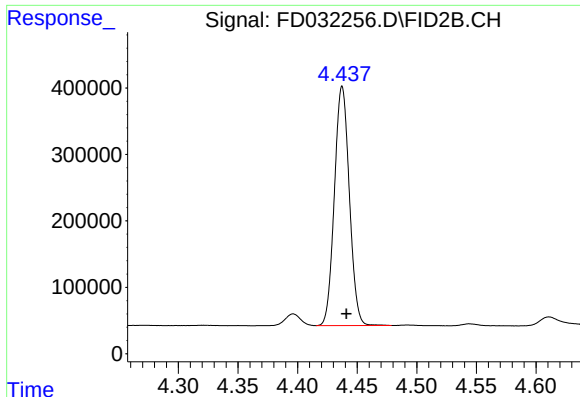
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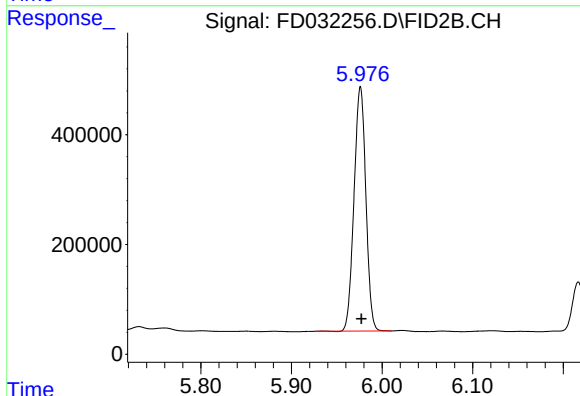
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.004 min
Response: 3139936
Conc: 27.72 ug/ml

Instrument :
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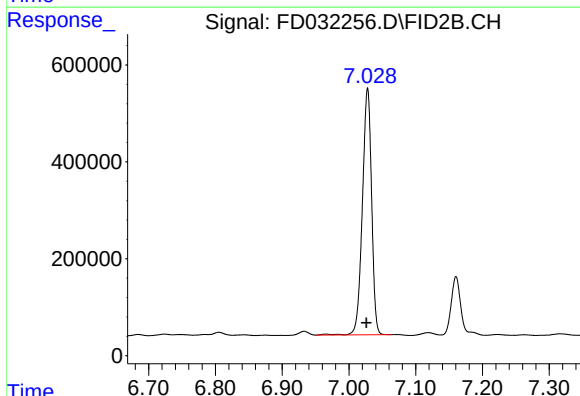
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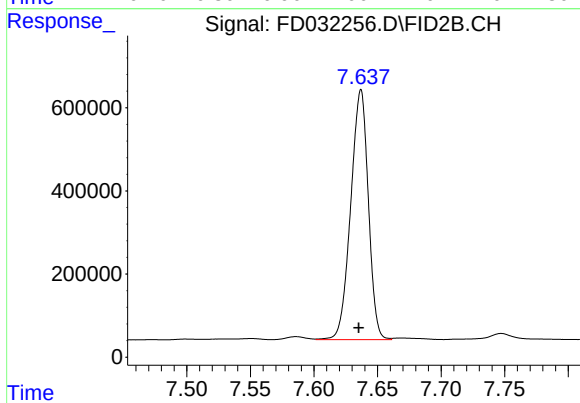
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 4027765
Conc: 33.11 ug/ml



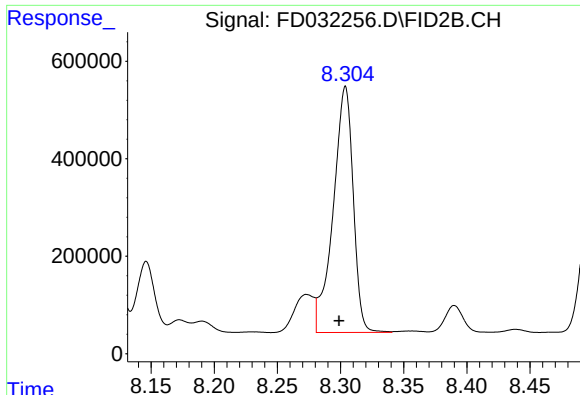
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.028 min
Delta R.T.: 0.002 min
Response: 4883482
Conc: 39.87 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.637 min
Delta R.T.: 0.002 min
Response: 5793913
Conc: 51.54 ug/ml



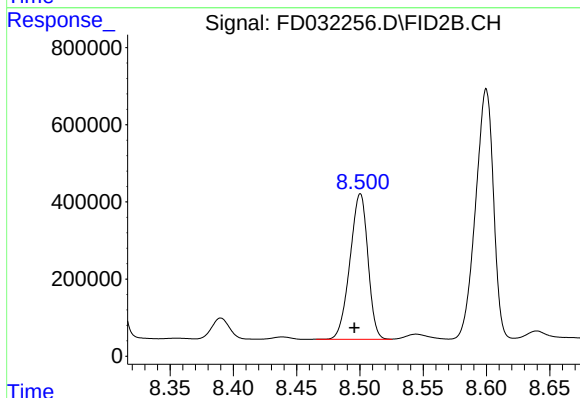
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: 0.005 min
Response: 5576595
Conc: 46.59 ug/ml

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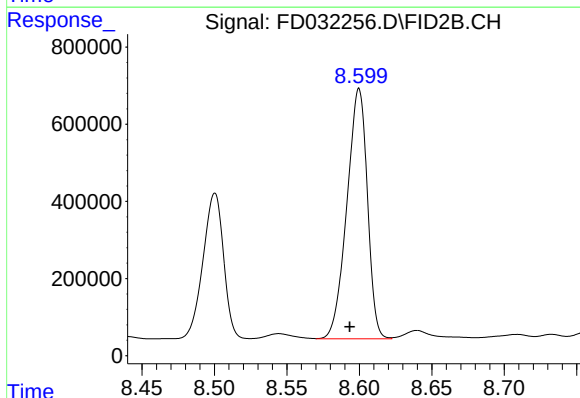
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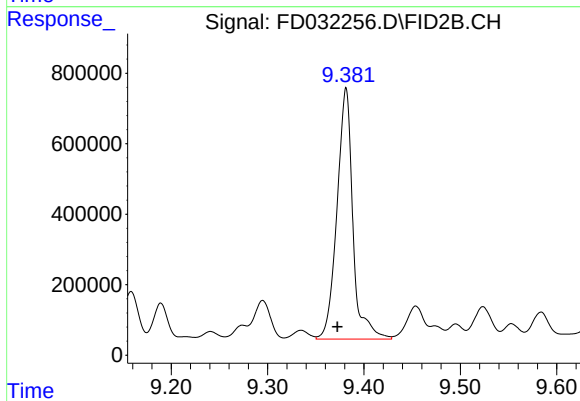
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: 0.005 min
Response: 3729668
Conc: 47.85 ug/ml



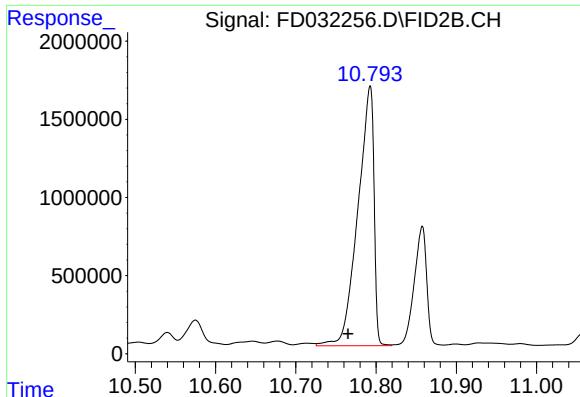
#7 Acenaphthene (C15.5)

R.T.: 8.600 min
Delta R.T.: 0.006 min
Response: 6384729
Conc: 51.63 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.382 min
Delta R.T.: 0.009 min
Response: 8180460
Conc: 65.50 ug/ml



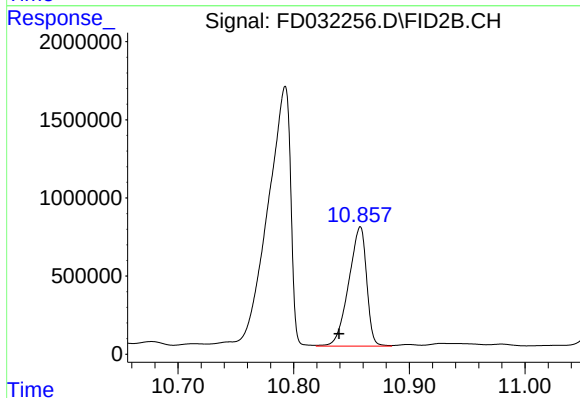
#9 Phenanthrene (C19.36)

R.T.: 10.792 min
Delta R.T.: 0.027 min
Response: 23107795
Conc: 183.03 ug/ml

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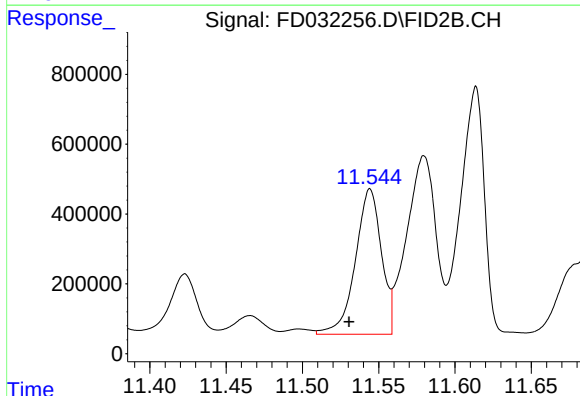
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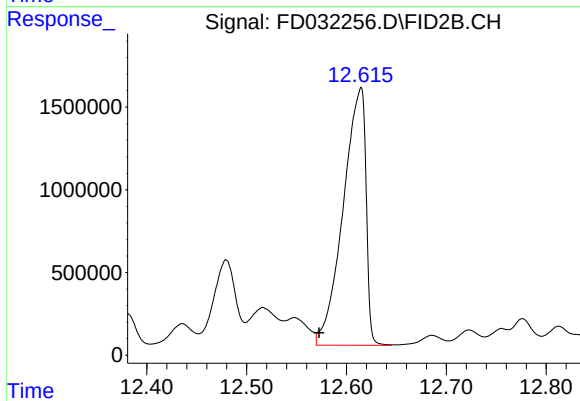
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.018 min
Response: 8235262
Conc: 65.78 ug/ml



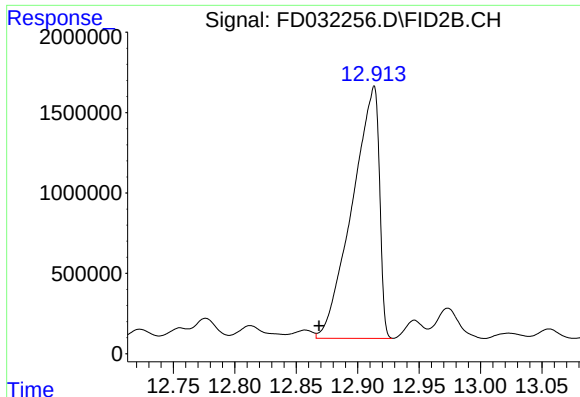
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: 0.014 min
Response: 4948151
Conc: 39.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.615 min
Delta R.T.: 0.042 min
Response: 24738284
Conc: 193.28 ug/ml m



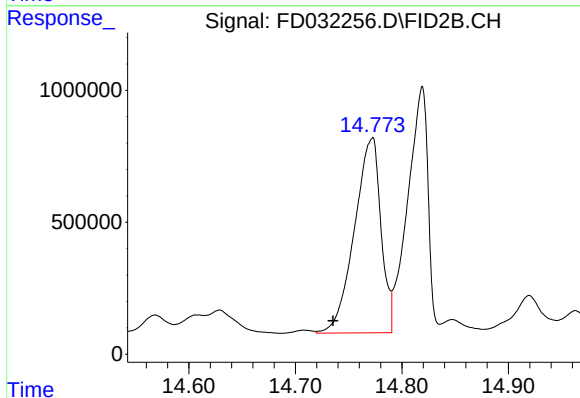
#13 Pyrene (C20.8)

R.T.: 12.913 min
Delta R.T.: 0.045 min
Response: 24067525
Conc: 191.23 ug/ml m

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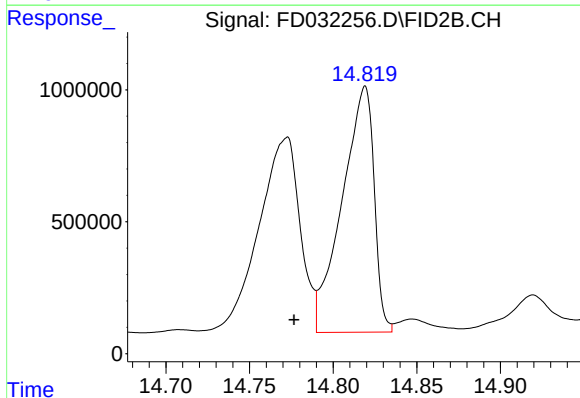
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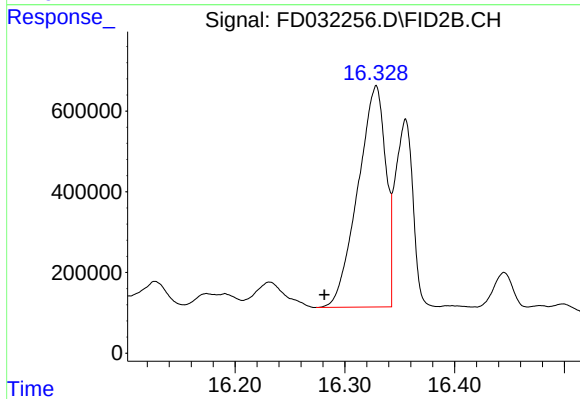
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.772 min
Delta R.T.: 0.037 min
Response: 12765104
Conc: 104.53 ug/ml



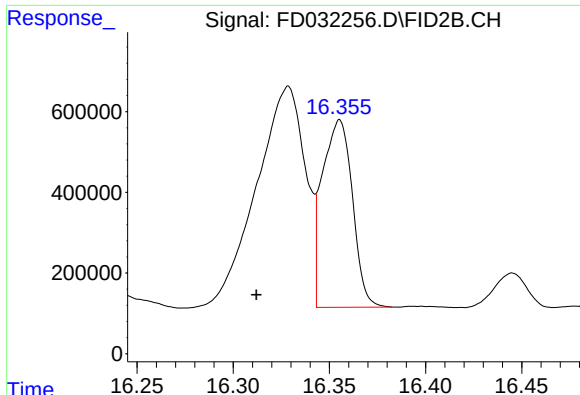
#15 Chrysene (C27.41)

R.T.: 14.819 min
Delta R.T.: 0.042 min
Response: 12391356
Conc: 100.69 ug/ml m



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

R.T.: 16.328 min
Delta R.T.: 0.047 min
Response: 9637195
Conc: 79.81 ug/ml



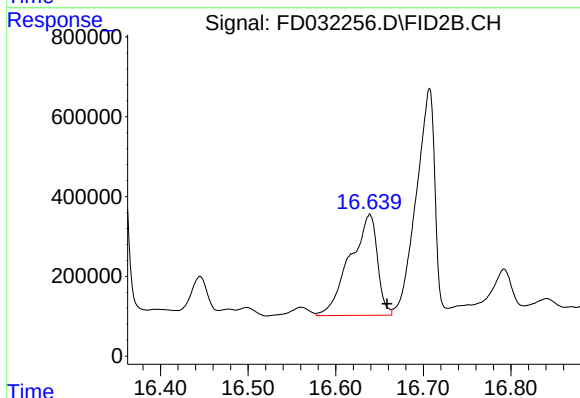
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.355 min
Delta R.T.: 0.043 min
Response: 4985644
Conc: 41.21 ug/ml m

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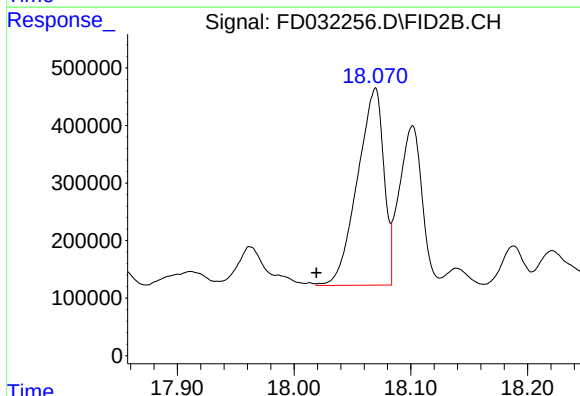
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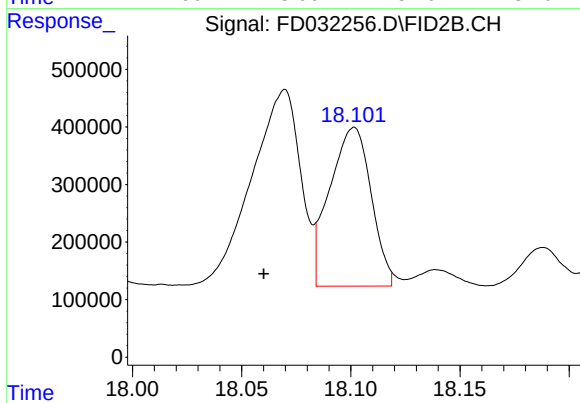
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.639 min
Delta R.T.: -0.020 min
Response: 5505468
Conc: 46.08 ug/ml



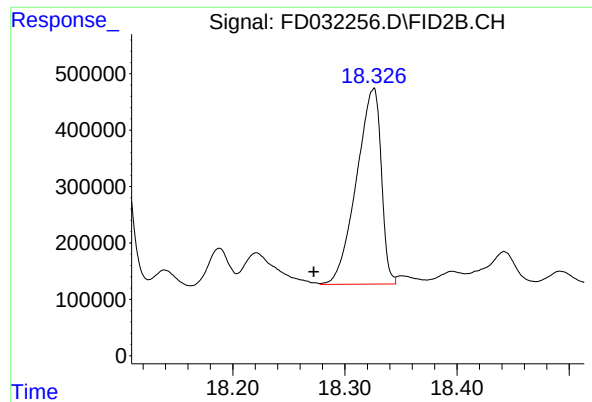
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.051 min
Response: 5374255
Conc: 46.78 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.041 min
Response: 3611388
Conc: 30.88 ug/ml m



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

R.T.: 18.326 min
Delta R.T.: 0.054 min
Response: 5316898
Conc: 46.66 ug/ml m

Instrument :
FID_D
ClientSampleId :
BORING-B2-SAMPLE-S1MS

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