

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036838.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2021 5:03
 Operator : DD\AJ
 Sample : M1967-02
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SED-1AMS

Manual Integrations
 APPROVED

mohammad
 4/19/2021 8:38:49 AM

Integration File: autoint1.e
 Quant Time: Apr 10 06:44:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.594	8762924	62.306 ug/ml
Spiked Amount 50.000		Recovery =	124.61%
6) S 2-Fluorobiphenyl (SURR)	8.456	5436112	57.912 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.82%
11) S ortho-Terphenyl (SURR)	11.494	5752049	37.661 ug/ml
Spiked Amount 50.000		Recovery =	75.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	6517785	44.465 ug/ml
2) T Naphthalene (C11.7)	5.930	7416086	47.187 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	7512589	47.801 ug/ml
5) T Acenaphthylene (C15.06)	8.259	7918683	52.847 ug/ml
7) T Acenaphthene (C15.5)	8.556	7854794	50.599 ug/ml
8) T Flouorene (C16.55)	9.336	7939317	52.733 ug/ml
9) T Phenanthrene (C19.36)	10.731	7914864	54.000 ug/ml
10) T Anthracene (C19.43)	10.808	7769102	53.666 ug/ml
12) T Fluoranthene (C21.85)	12.543	7842900	55.863 ug/ml
13) T Pyrene (C20.8)	12.840	7624817	55.574 ug/ml
14) T Benzo[a]anthracene (C...	14.709	7034556	59.234 ug/ml
15) T Chrysene (C27.41)	14.755	7681404	63.518 ug/ml
16) T benzo[b]fluoranthene ...	16.260	7405709	67.489 ug/ml
17) T Bnezo[k]fluoranthene ...	16.296	6963871	65.512 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.642	7297806	73.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	6914609	68.789 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	6842424	67.859 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.266	7152931	70.596 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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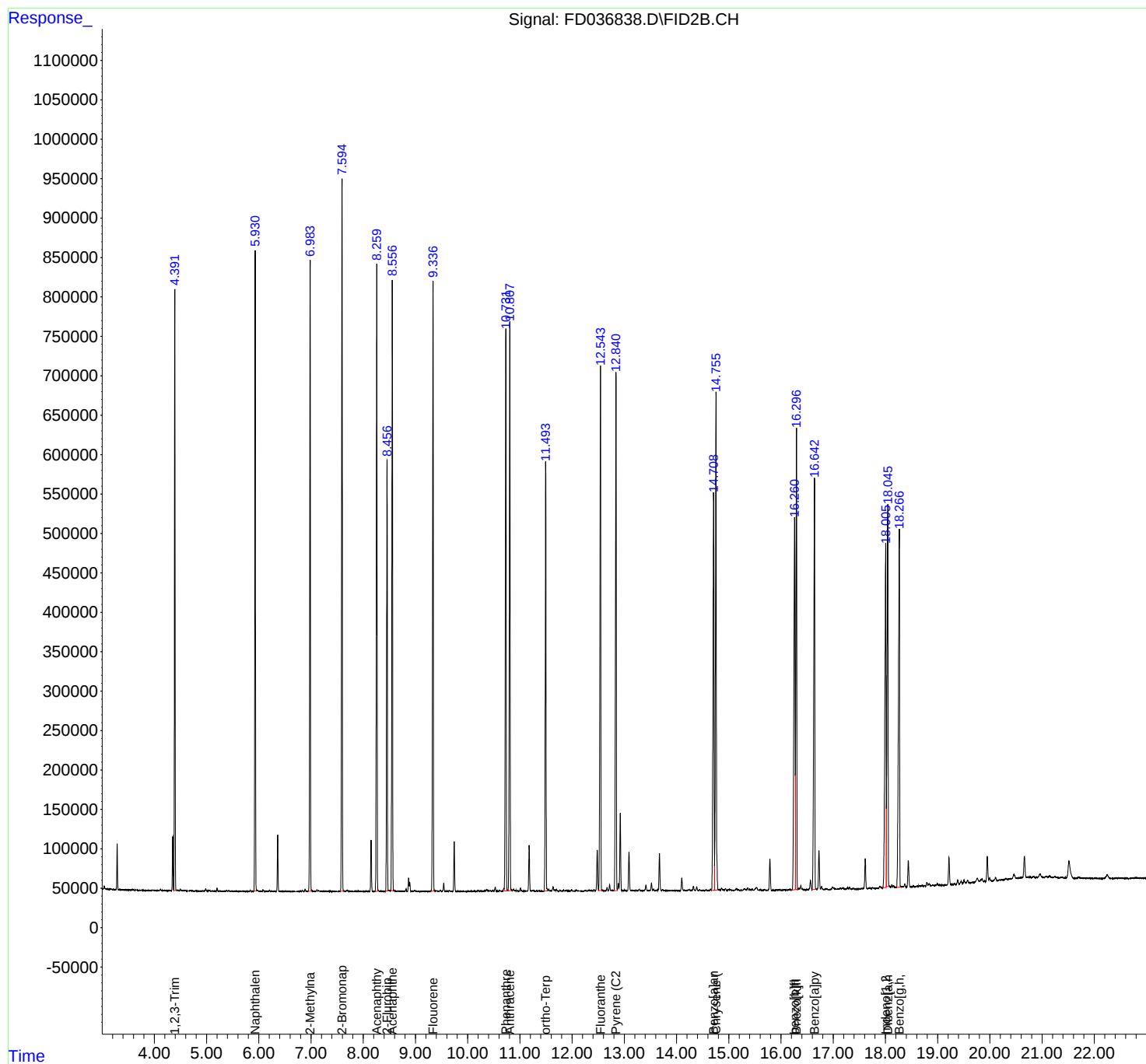
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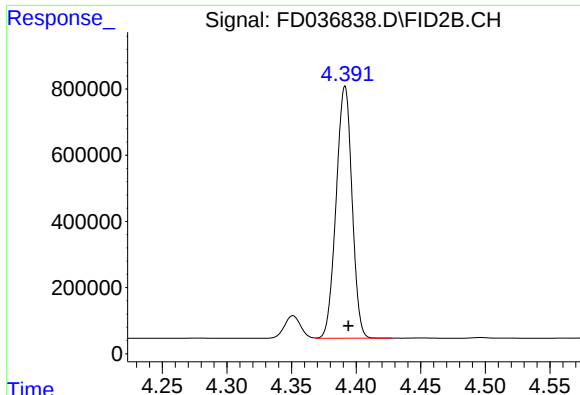
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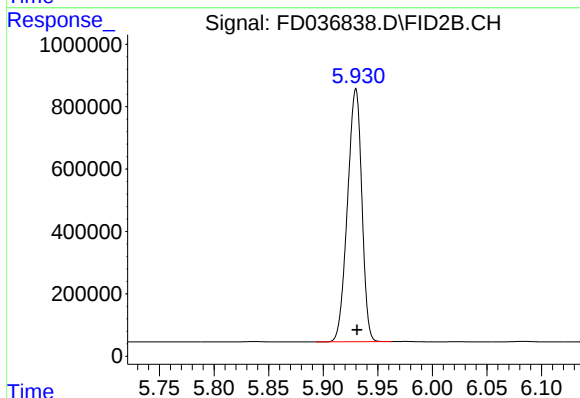
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 6517785
Conc: 44.46 ug/ml

Instrument :
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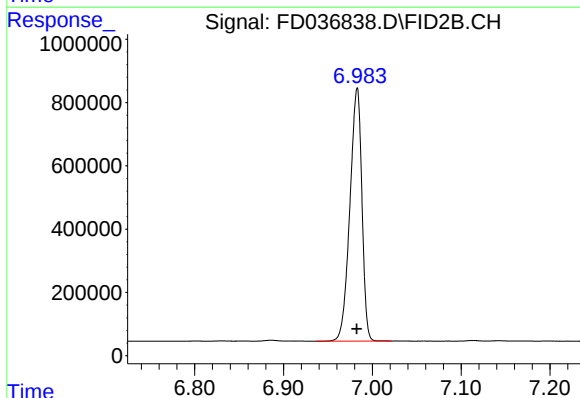
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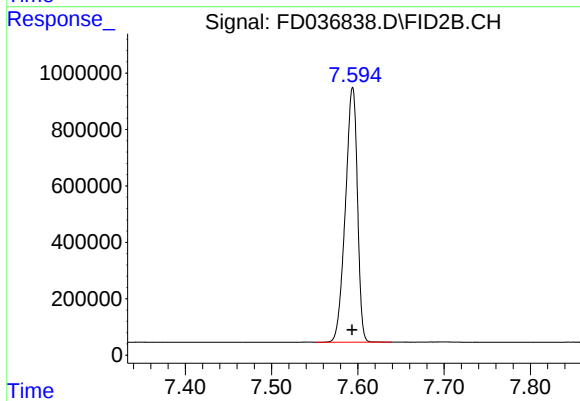
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 7416086
Conc: 47.19 ug/ml



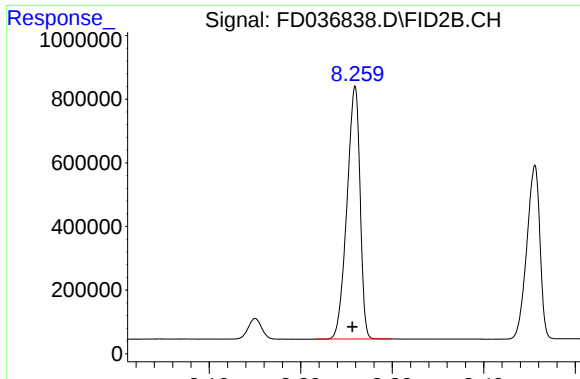
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 7512589
Conc: 47.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 8762924
Conc: 62.31 ug/ml



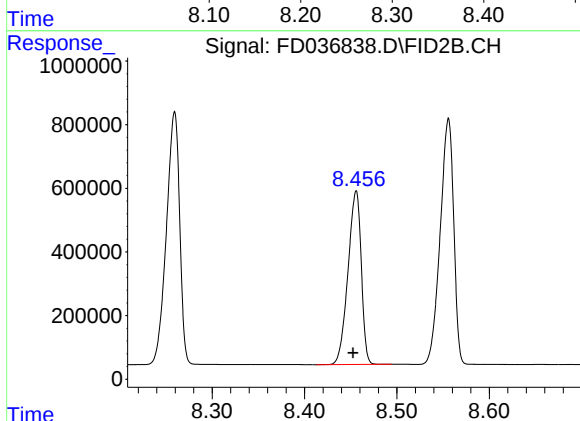
#5 Acenaphthylene (C15.06)

R.T.: 8.259 min
Delta R.T.: 0.003 min
Response: 7918683
Conc: 52.85 ug/ml

Instrument :
FID_D
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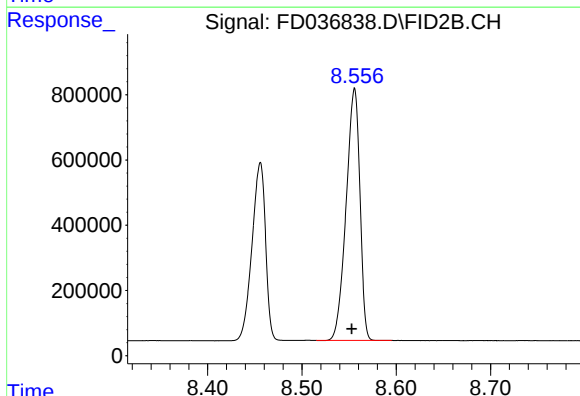
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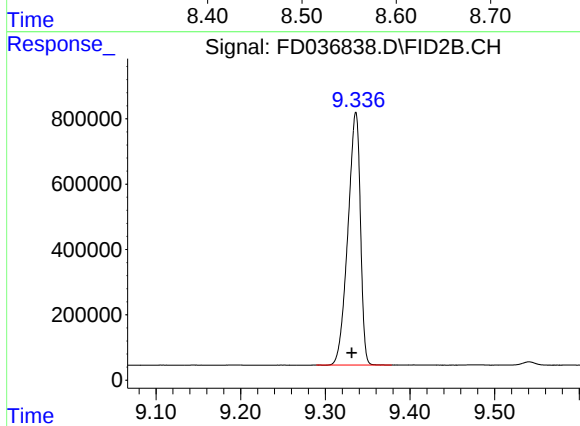
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: 0.003 min
Response: 5436112
Conc: 57.91 ug/ml



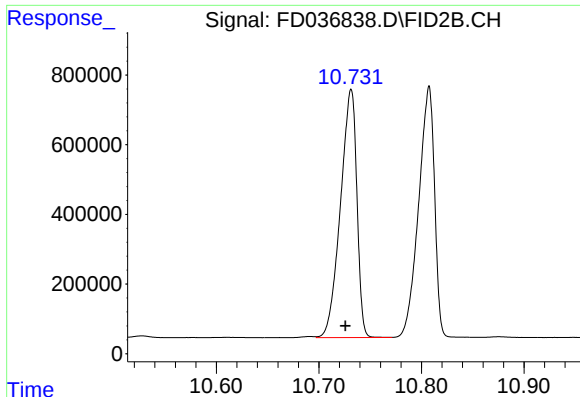
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: 0.003 min
Response: 7854794
Conc: 50.60 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.336 min
Delta R.T.: 0.005 min
Response: 7939317
Conc: 52.73 ug/ml



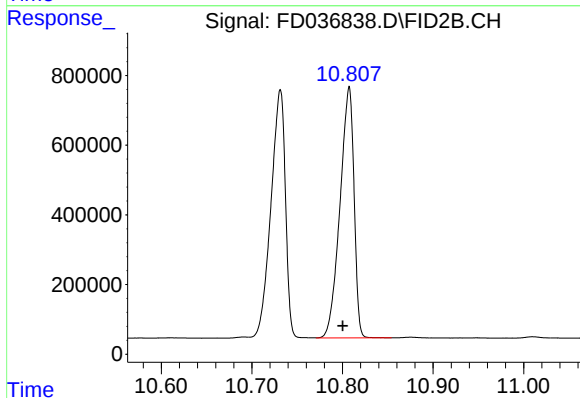
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: 0.005 min
Response: 7914864
Conc: 54.00 ug/ml

Instrument :
FID_D
ClientSampleId :
SED-1AMS

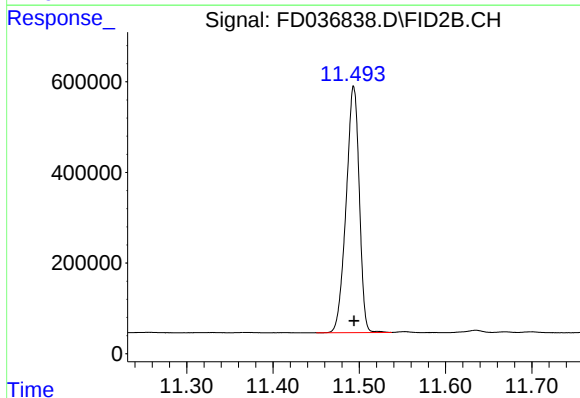
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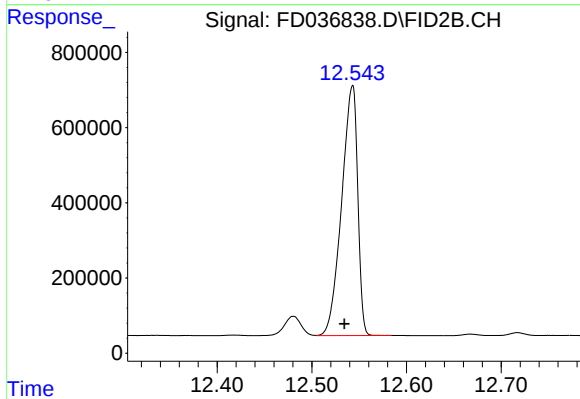
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: 0.007 min
Response: 7769102
Conc: 53.67 ug/ml



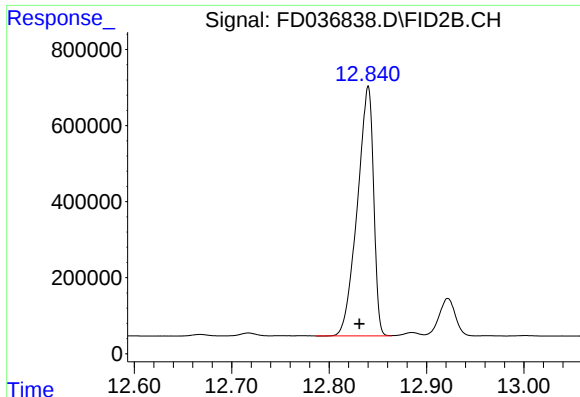
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5752049
Conc: 37.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.543 min
Delta R.T.: 0.009 min
Response: 7842900
Conc: 55.86 ug/ml



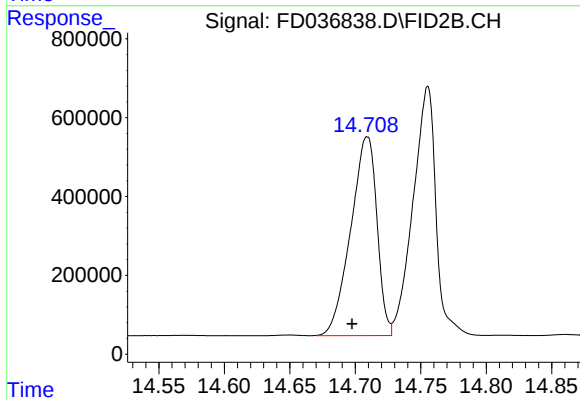
#13 Pyrene (C20.8)

R.T.: 12.840 min
Delta R.T.: 0.009 min
Response: 7624817
Conc: 55.57 ug/ml

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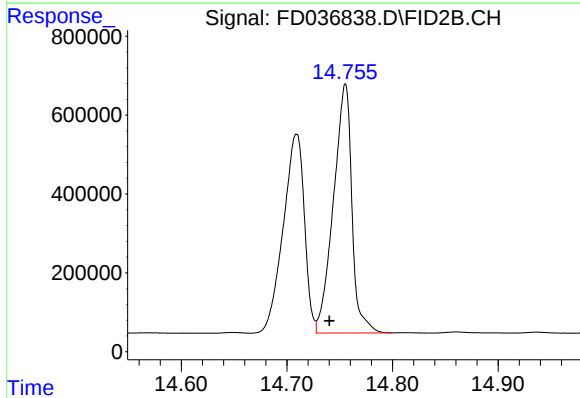
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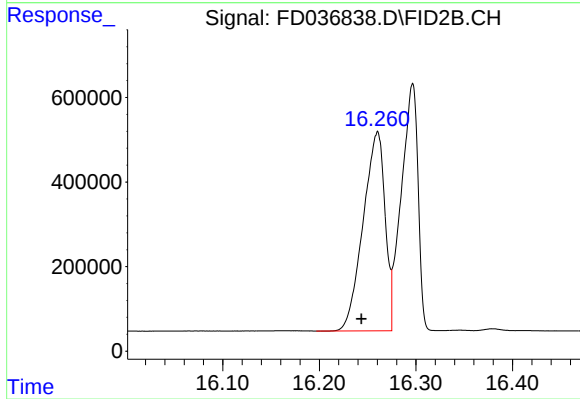
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.709 min
Delta R.T.: 0.011 min
Response: 7034556
Conc: 59.23 ug/ml



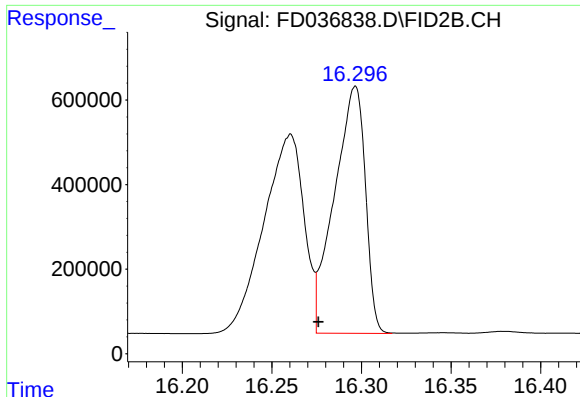
#15 Chrysene (C27.41)

R.T.: 14.755 min
Delta R.T.: 0.015 min
Response: 7681404
Conc: 63.52 ug/ml



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

R.T.: 16.260 min
Delta R.T.: 0.017 min
Response: 7405709
Conc: 67.49 ug/ml



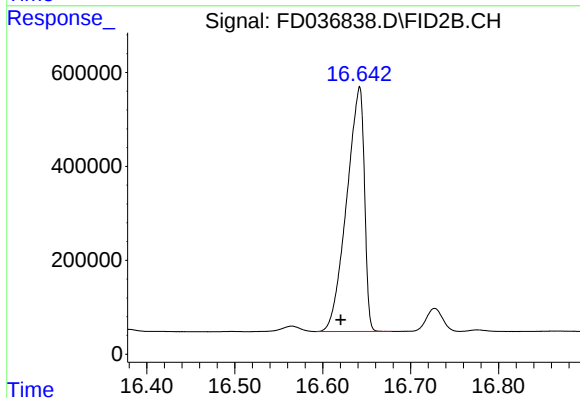
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.296 min
Delta R.T.: 0.020 min
Response: 6963871
Conc: 65.51 ug/ml m

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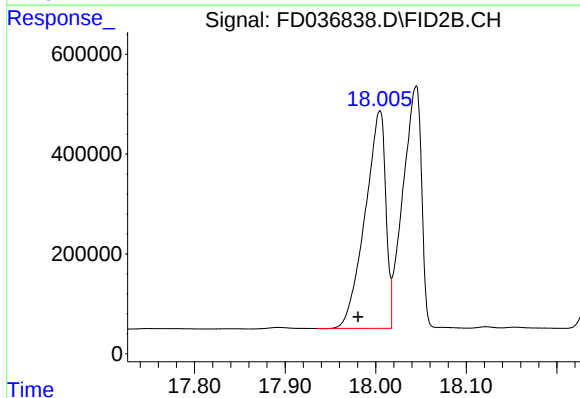
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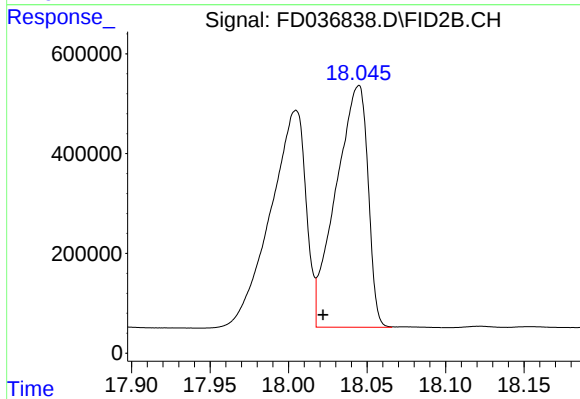
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.642 min
Delta R.T.: 0.021 min
Response: 7297806
Conc: 73.23 ug/ml



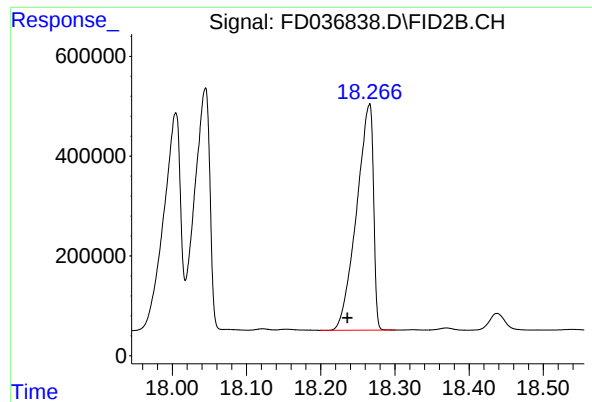
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: 0.024 min
Response: 6914609
Conc: 68.79 ug/ml



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

R.T.: 18.045 min
Delta R.T.: 0.023 min
Response: 6842424
Conc: 67.86 ug/ml m



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

R.T.: 18.266 min
Delta R.T.: 0.030 min
Response: 7152931
Conc: 70.60 ug/ml

Instrument :
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