

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081121AR\
 Data File : FD038518.D
 Signal(s) : FID2B.CH
 Acq On : 12 Aug 2021 4:27
 Operator : AJ\MA
 Sample : M3326-01MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDE-NBMS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Aug 12 07:22:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.477	6307906	49.773 ug/ml
Spiked Amount 50.000		Recovery =	99.55%
6) S 2-Fluorobiphenyl (SURR)	8.337	3558464	40.985 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.97%
11) S ortho-Terphenyl (SURR)	11.372	5125228	35.729 ug/ml
Spiked Amount 50.000		Recovery =	71.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	4669634	33.297 ug/ml
2) T Naphthalene (C11.7)	5.815	5502595	37.785 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	5918755	40.813 ug/ml
5) T Acenaphthylene (C15.06)	8.140	6710313	46.476 ug/ml
7) T Acenaphthene (C15.5)	8.436	7062150	47.180 ug/ml
8) T Flouorene (C16.55)	9.217	6998427	49.115 ug/ml
9) T Phenanthrene (C19.36)	10.612	7429125	52.633 ug/ml
10) T Anthracene (C19.43)	10.688	6815755	49.857 ug/ml
12) T Fluoranthene (C21.85)	12.426	7747615	55.158 ug/ml
13) T Pyrene (C20.8)	12.722	7507700	53.594 ug/ml
14) T Benzo[a]anthracene (C...	14.595	6535536	51.041 ug/ml
15) T Chrysene (C27.41)	14.640	7163645	51.868 ug/ml
16) T benzo[b]fluoranthene ...	16.152	6771328	54.149 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	6066639	46.017 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.533	6400847	53.558 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.905	5669030	51.453 ug/ml
20) T Dibenz[a,h]anthracene...	17.939	5435791	44.161 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.162	5714342	49.886 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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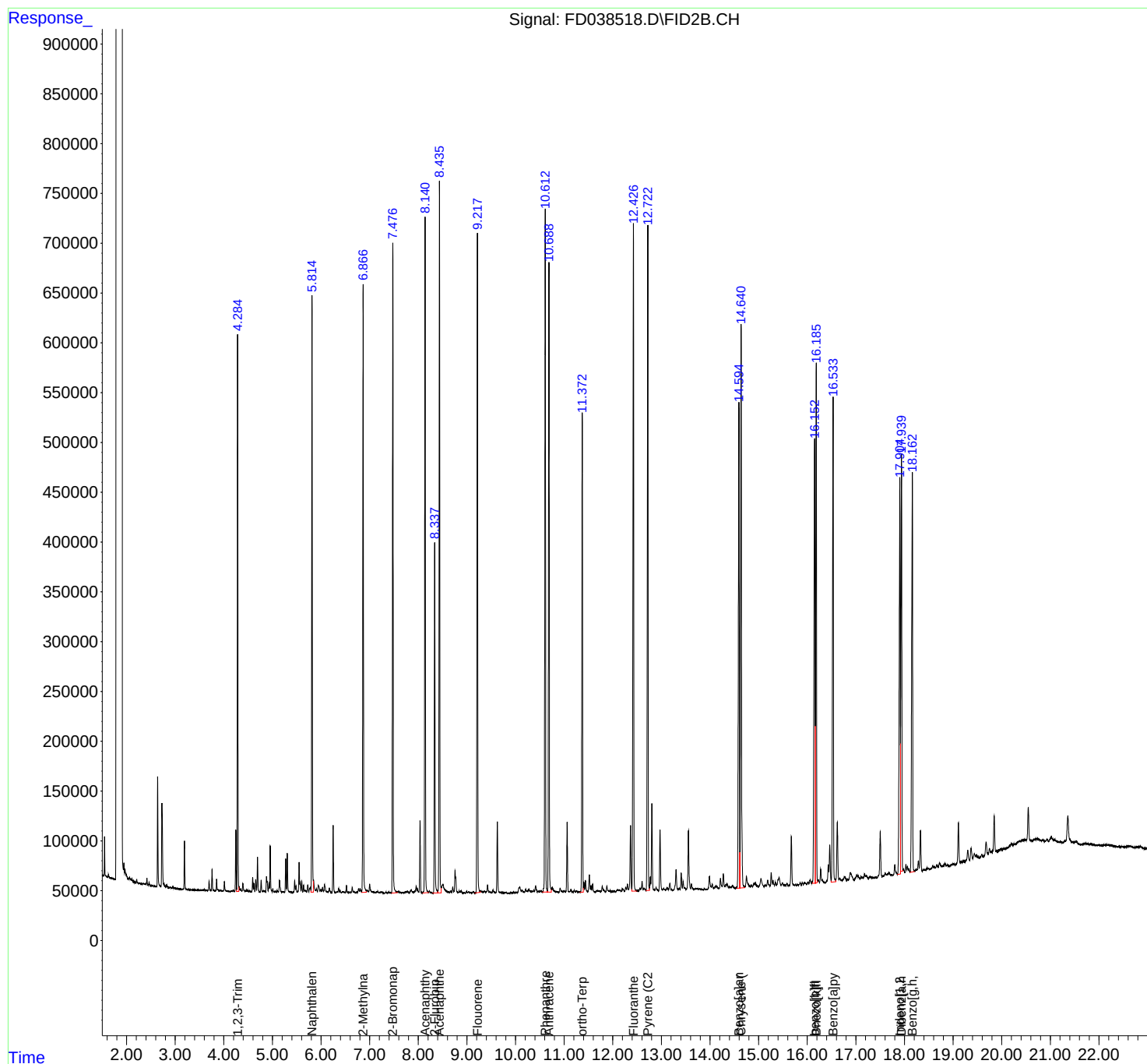
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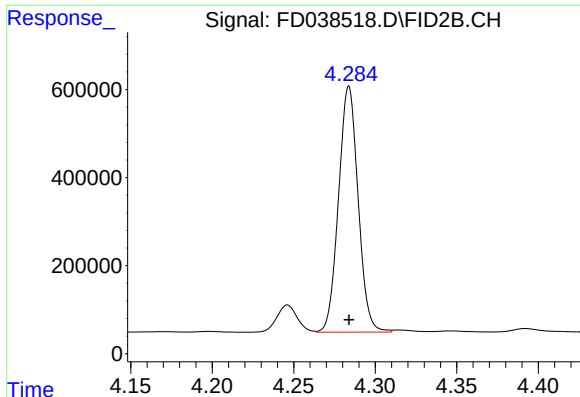
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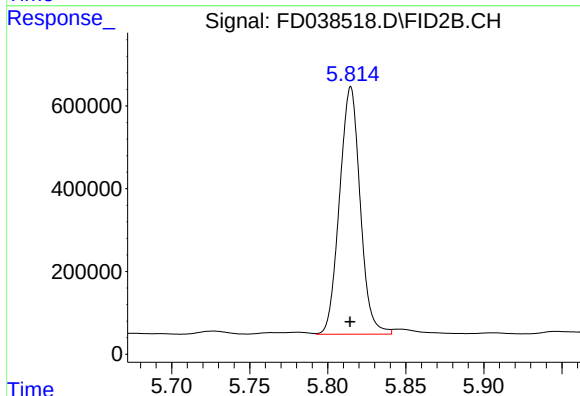
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 4669634
Conc: 33.30 ug/ml

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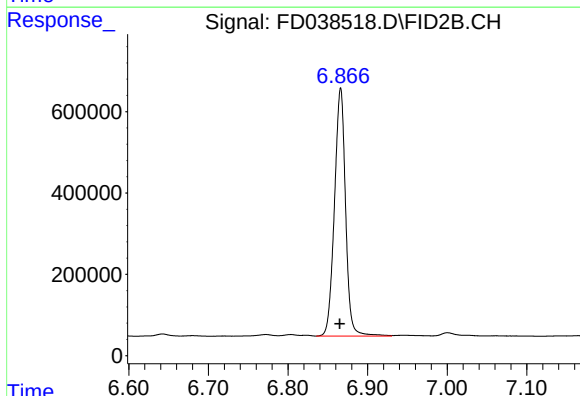
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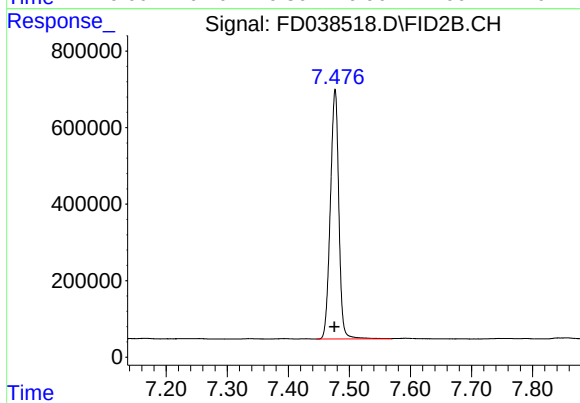
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 5502595
Conc: 37.79 ug/ml



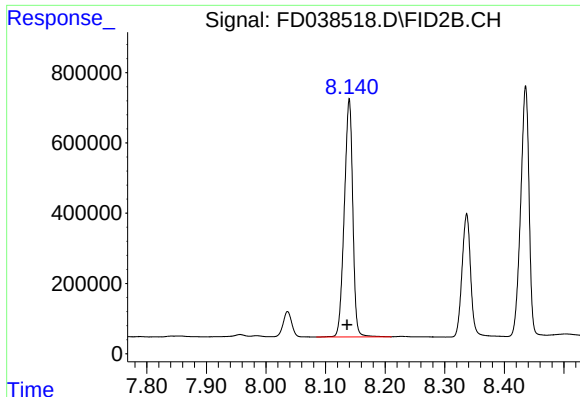
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: 0.001 min
Response: 5918755
Conc: 40.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.477 min
Delta R.T.: 0.001 min
Response: 6307906
Conc: 49.77 ug/ml



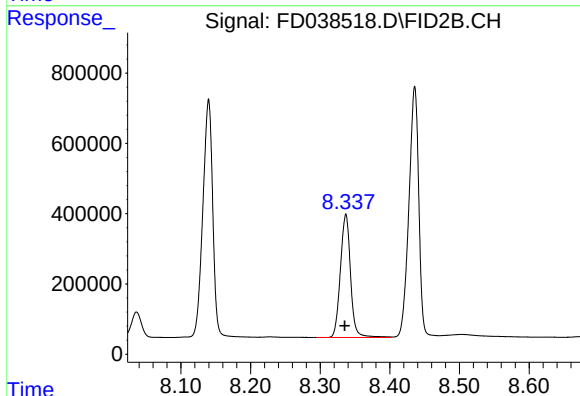
#5 Acenaphthylene (C15.06)

R.T.: 8.140 min
Delta R.T.: 0.004 min
Response: 6710313
Conc: 46.48 ug/ml

Instrument :
FID_D
ClientSampleId :
MDE-NBMS

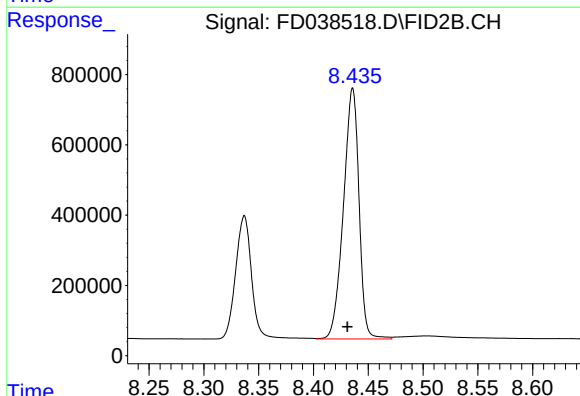
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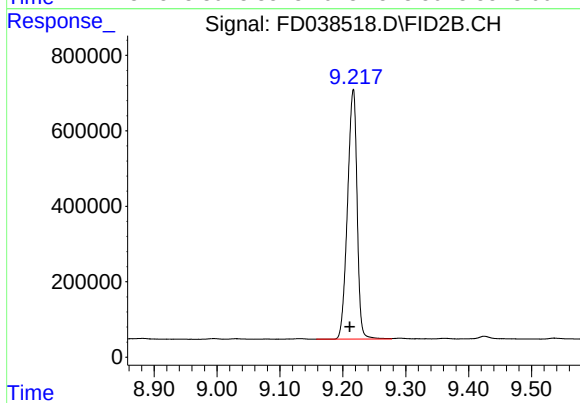
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: 0.002 min
Response: 3558464
Conc: 40.98 ug/ml



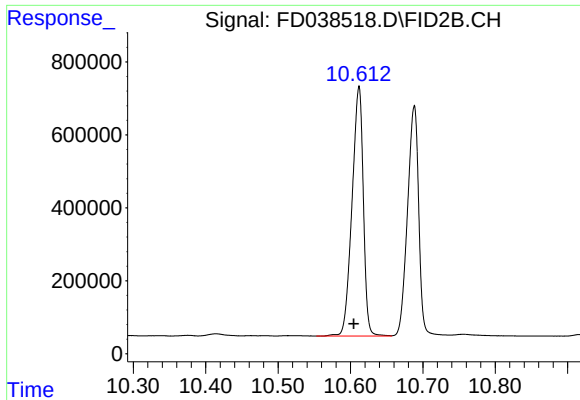
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: 0.005 min
Response: 7062150
Conc: 47.18 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.217 min
Delta R.T.: 0.005 min
Response: 6998427
Conc: 49.11 ug/ml



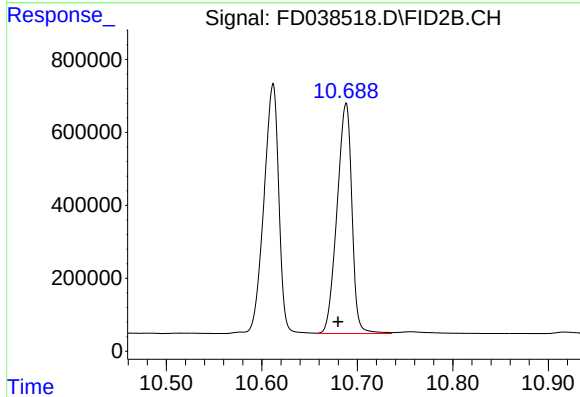
#9 Phenanthrene (C19.36)

R.T.: 10.612 min
Delta R.T.: 0.007 min
Response: 7429125
Conc: 52.63 ug/ml

Instrument :
FID_D
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MDE-NBMS

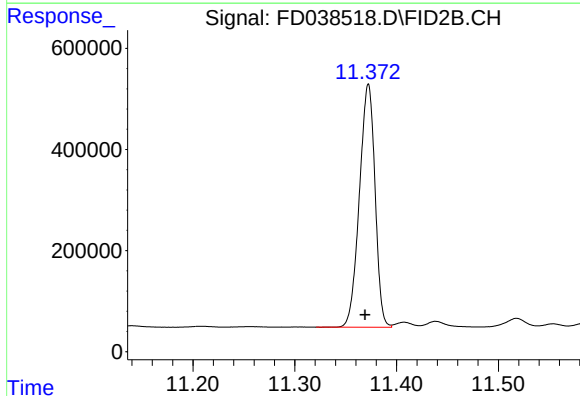
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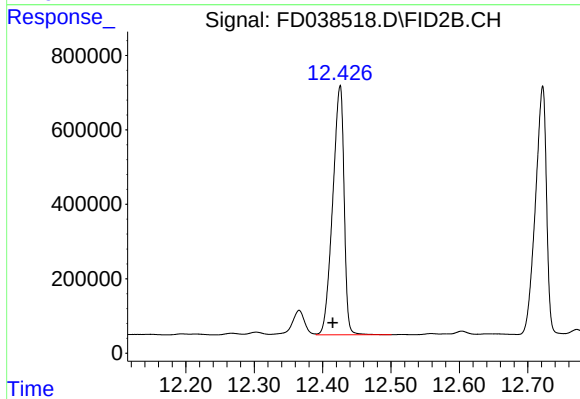
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: 0.008 min
Response: 6815755
Conc: 49.86 ug/ml



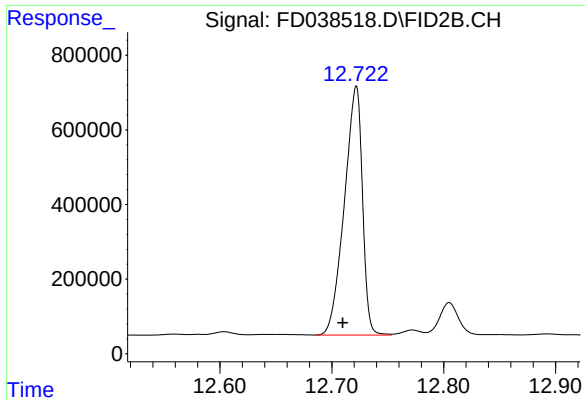
#11 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: 0.003 min
Response: 5125228
Conc: 35.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.426 min
Delta R.T.: 0.011 min
Response: 7747615
Conc: 55.16 ug/ml



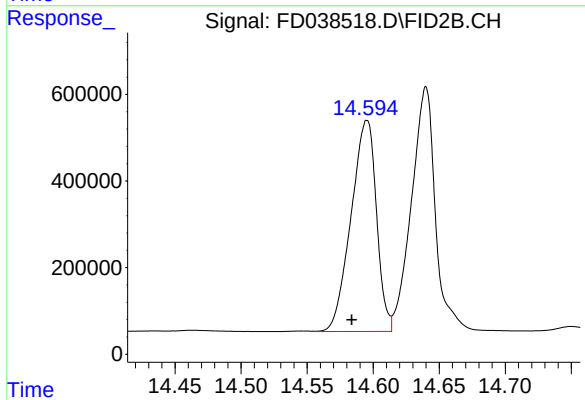
#13 Pyrene (C20.8)

R.T.: 12.722 min
Delta R.T.: 0.012 min
Response: 7507700
Conc: 53.59 ug/ml

Instrument :
FID_D
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MDE-NBMS

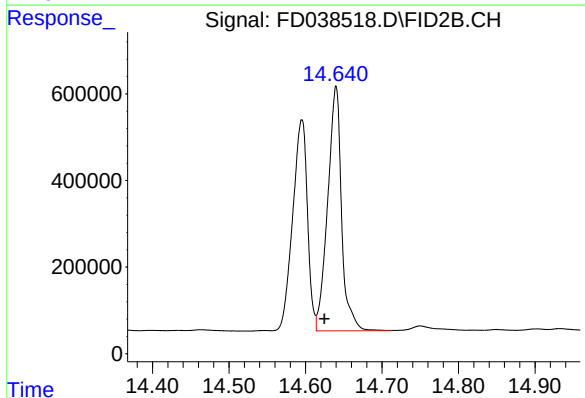
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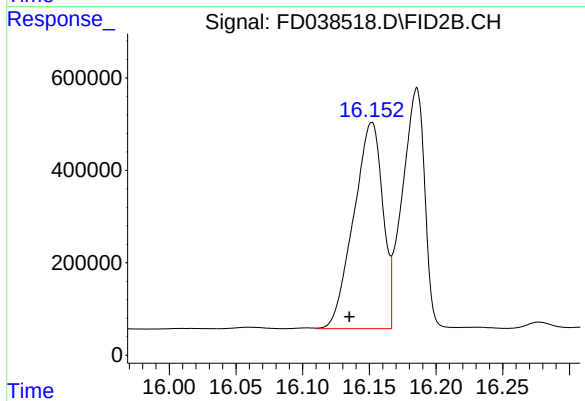
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.595 min
Delta R.T.: 0.011 min
Response: 6535536
Conc: 51.04 ug/ml



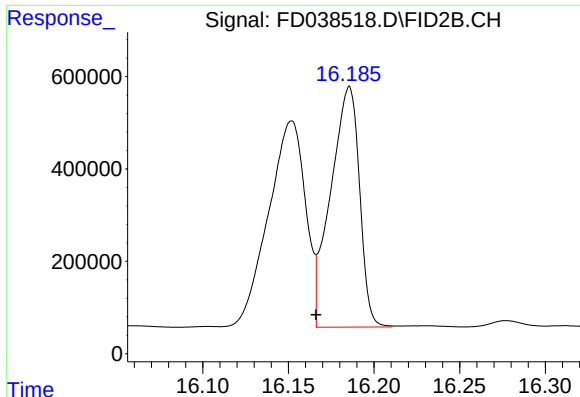
#15 Chrysene (C27.41)

R.T.: 14.640 min
Delta R.T.: 0.015 min
Response: 7163645
Conc: 51.87 ug/ml



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

R.T.: 16.152 min
Delta R.T.: 0.017 min
Response: 6771328
Conc: 54.15 ug/ml



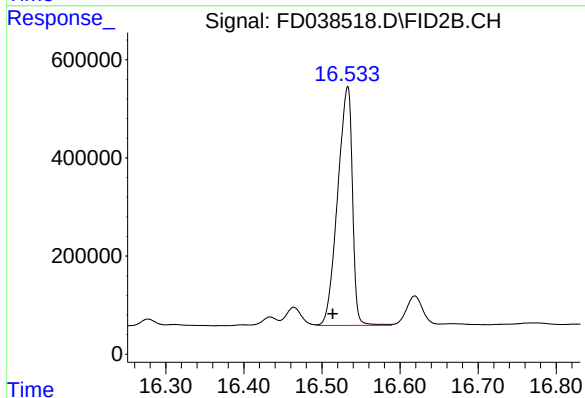
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.185 min
Delta R.T.: 0.019 min
Response: 6066639
Conc: 46.02 ug/ml m

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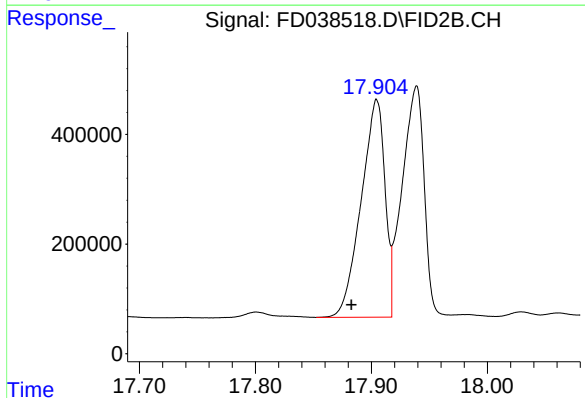
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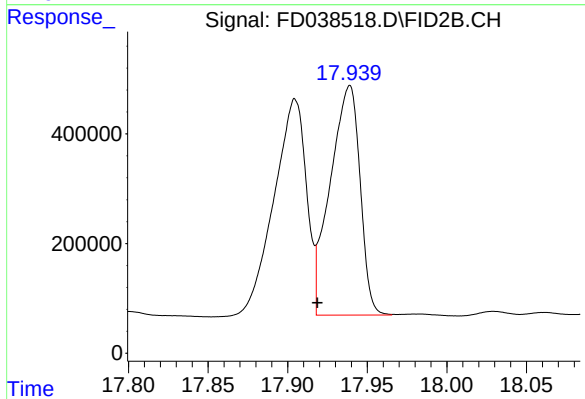
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.533 min
Delta R.T.: 0.019 min
Response: 6400847
Conc: 53.56 ug/ml



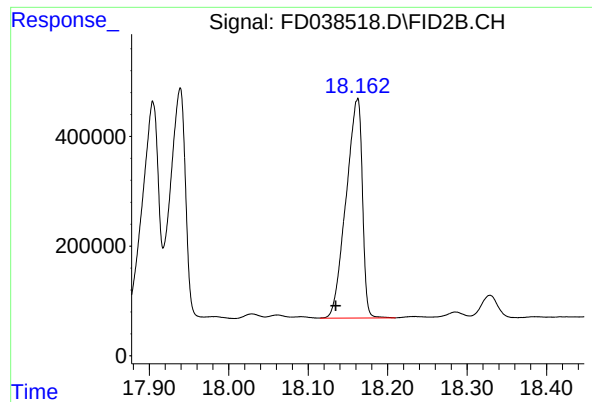
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.905 min
Delta R.T.: 0.022 min
Response: 5669030
Conc: 51.45 ug/ml



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

R.T.: 17.939 min
Delta R.T.: 0.020 min
Response: 5435791
Conc: 44.16 ug/ml m



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

R.T.: 18.162 min
Delta R.T.: 0.027 min
Response: 5714342
Conc: 49.89 ug/ml

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