

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083121AR\
 Data File : FD038737.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 18:24
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:26:45 PM

Integration File: autoint1.e
 Quant Time: Sep 01 10:31:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083121.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 01 10:25:00 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...	7.763	2637068	19.720 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
6) S 2-Fluorobiphenyl (SURR)	8.632	1817638	19.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.42%
11) S ortho-Terphenyl (SURR)	11.678	2865298	19.749 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.550	2889965	19.736 ug/ml
2) T Naphthalene (C11.7)	6.099	3045575	19.724 ug/ml
3) T 2-Methylnaphthalene (...)	7.153	2986578	19.717 ug/ml
5) T Acenaphthylene (C15.06)	8.435	2895973	19.680 ug/ml
7) T Acenaphthene (C15.5)	8.731	2983119	19.712 ug/ml
8) T Flouorene (C16.55)	9.513	2895847	19.719 ug/ml
9) T Phenanthrene (C19.36)	10.914	2804782	19.695 ug/ml
10) T Anthracene (C19.43)	10.988	2694350	19.666 ug/ml
12) T Fluoranthene (C21.85)	12.730	2714492	19.721 ug/ml
13) T Pyrene (C20.8)	13.028	2694861	19.788 ug/ml
14) T Benzo[a]anthracene (C...	14.899	2421710	19.702 ug/ml
15) T Chrysene (C27.41)	14.943	2470956	19.585 ug/ml
16) T benzo[b]fluoranthene ...	16.451	2314525	19.663 ug/ml
17) T Bnezo[k]fluoranthene ...	16.482	2249085	19.850 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.829	2146885	19.867 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.194	2136136	19.737 ug/ml
20) T Dibenz[a,h]anthracene...	18.233	2197956	19.877 ug/ml
21) T Benzo[g,h,i]perylene ...	18.449	2153718	19.974 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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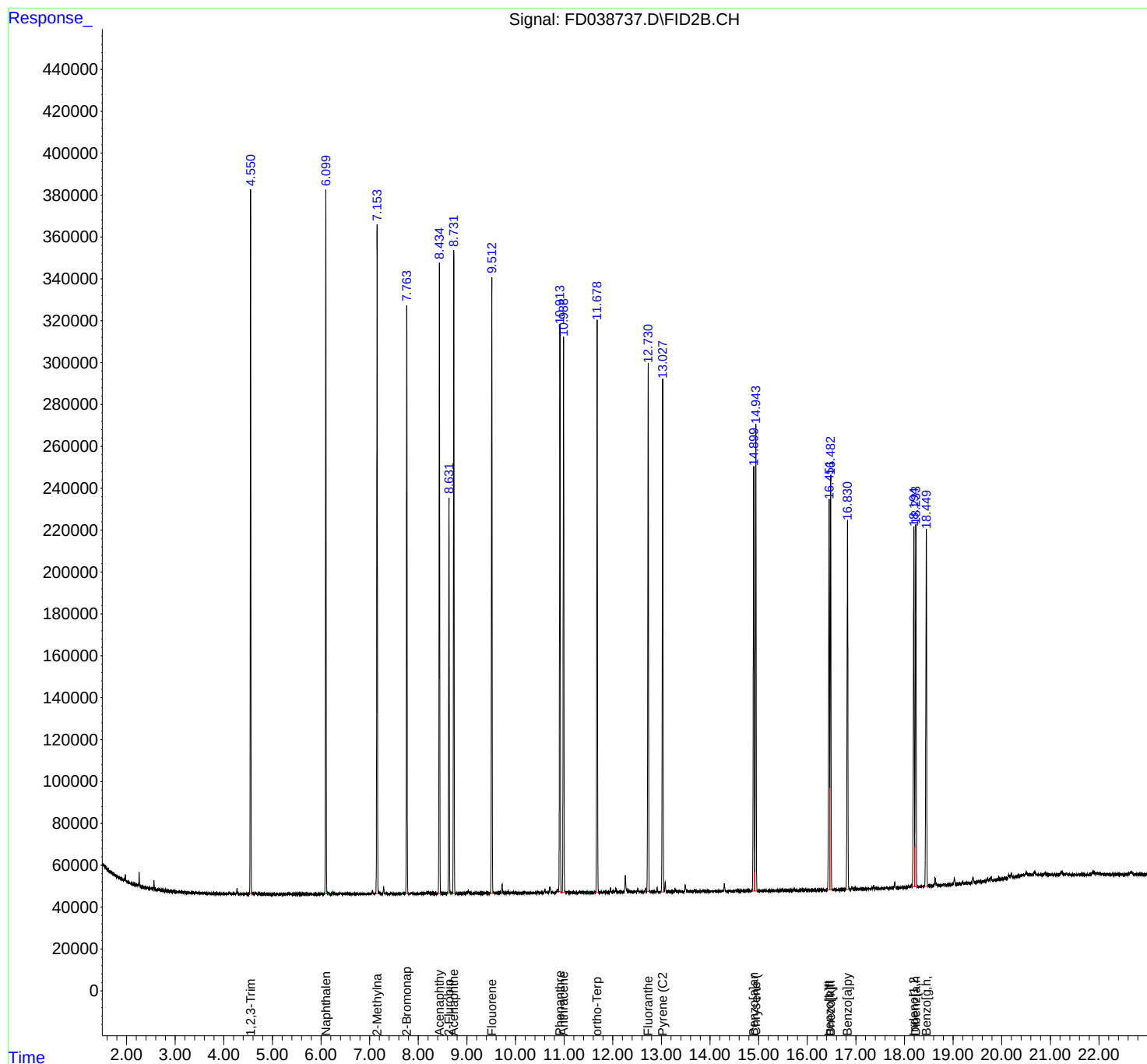
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20 PPM AROMATIC HC STD

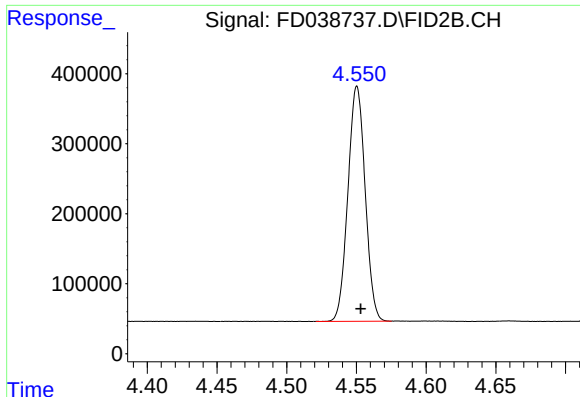
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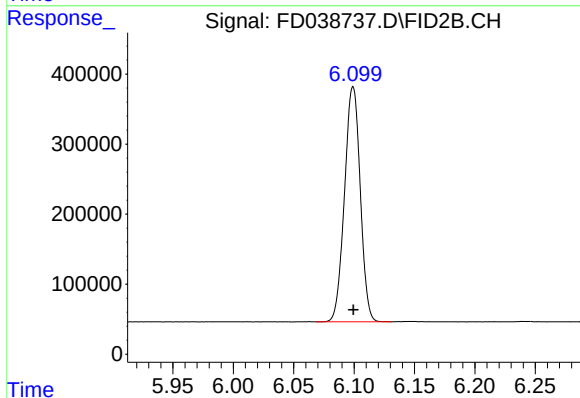
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.550 min
Delta R.T.: -0.003 min
Response: 2889965
Conc: 19.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

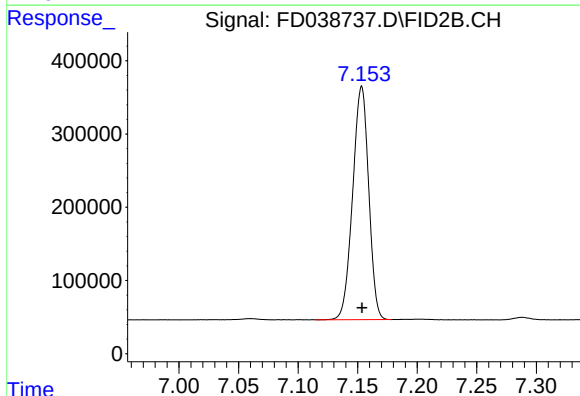
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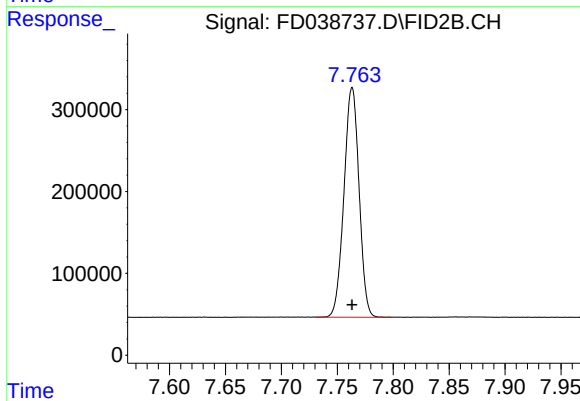
#2 Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3045575
Conc: 19.72 ug/ml



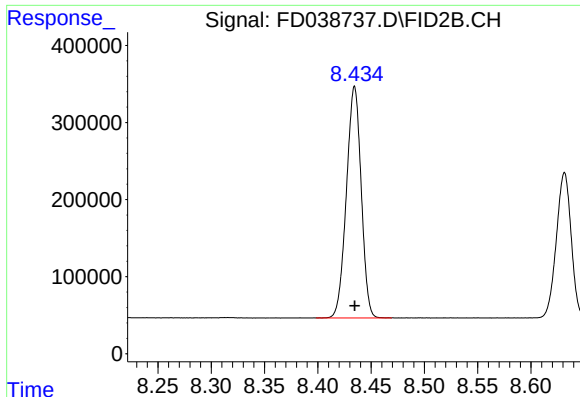
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 2986578
Conc: 19.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 2637068
Conc: 19.72 ug/ml



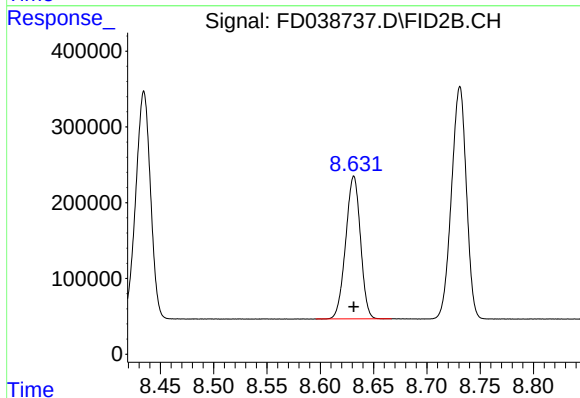
#5 Acenaphthylene (C15.06)

R.T.: 8.435 min
Delta R.T.: 0.000 min
Response: 2895973
Conc: 19.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

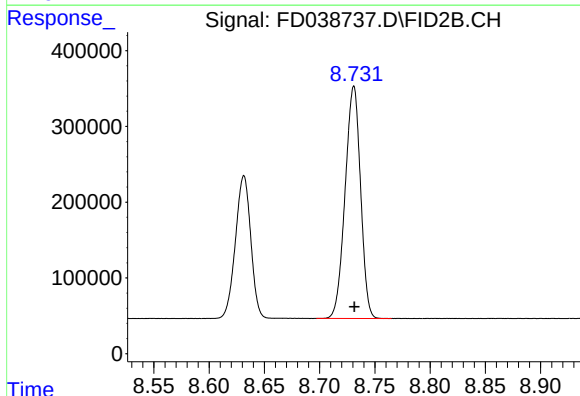
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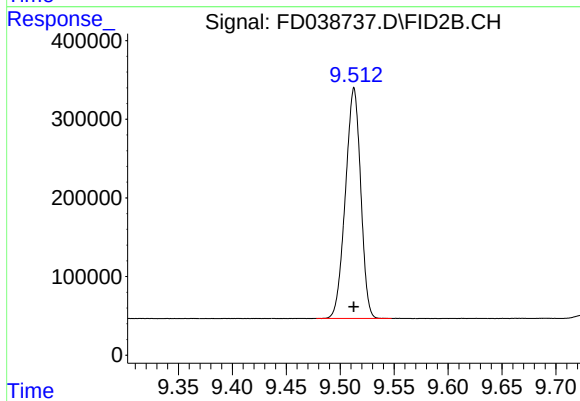
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.632 min
Delta R.T.: 0.000 min
Response: 1817638
Conc: 19.71 ug/ml



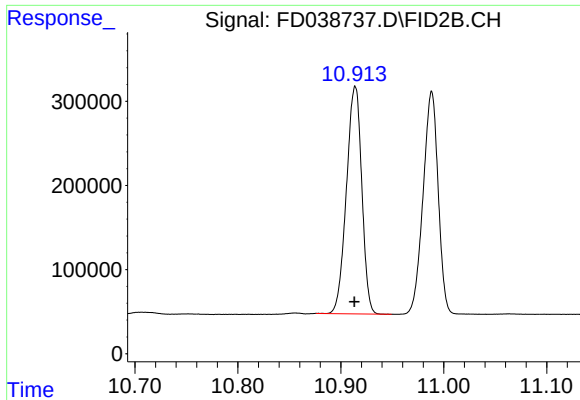
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 2983119
Conc: 19.71 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 2895847
Conc: 19.72 ug/ml



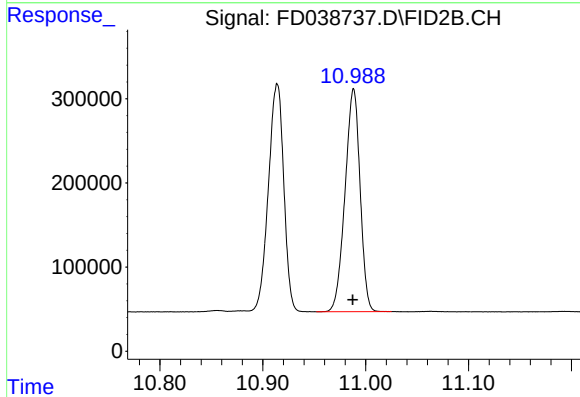
#9 Phenanthrene (C19.36)

R.T.: 10.914 min
Delta R.T.: 0.000 min
Response: 2804782
Conc: 19.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

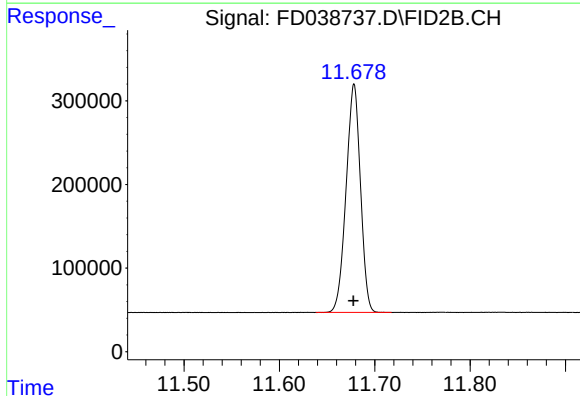
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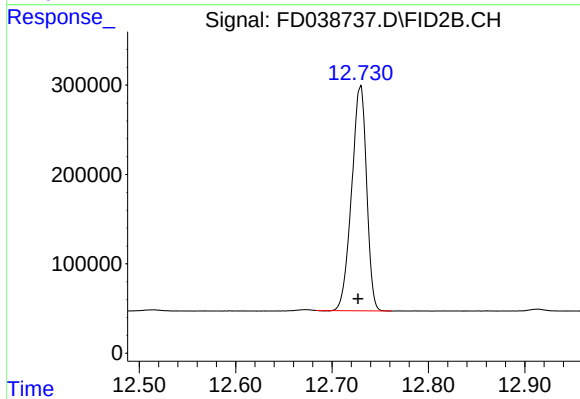
#10 Anthracene (C19.43)

R.T.: 10.988 min
Delta R.T.: 0.001 min
Response: 2694350
Conc: 19.67 ug/ml



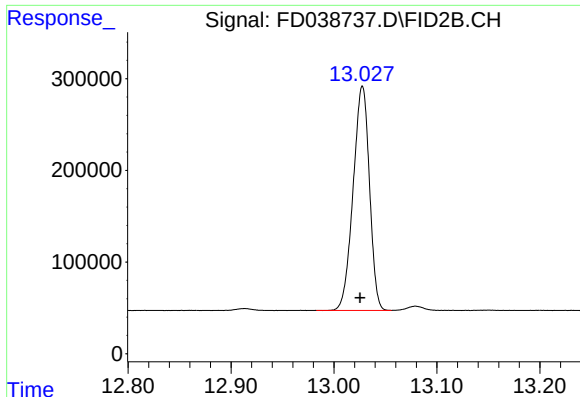
#11 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2865298
Conc: 19.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.730 min
Delta R.T.: 0.003 min
Response: 2714492
Conc: 19.72 ug/ml



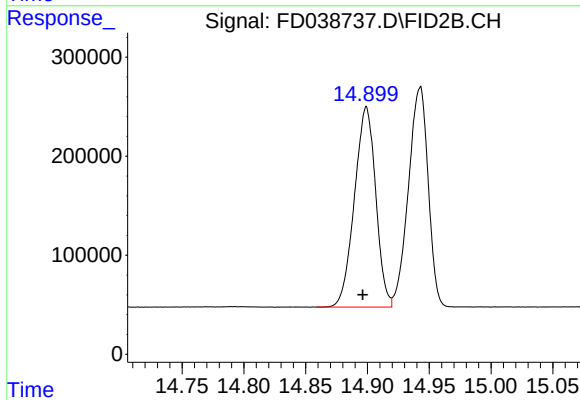
#13 Pyrene (C20.8)

R.T.: 13.028 min
Delta R.T.: 0.002 min
Response: 2694861
Conc: 19.79 ug/ml

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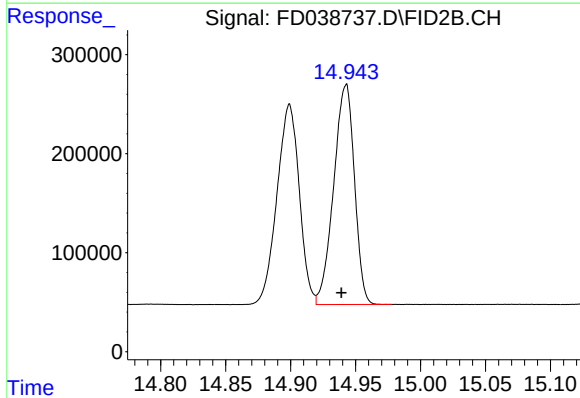
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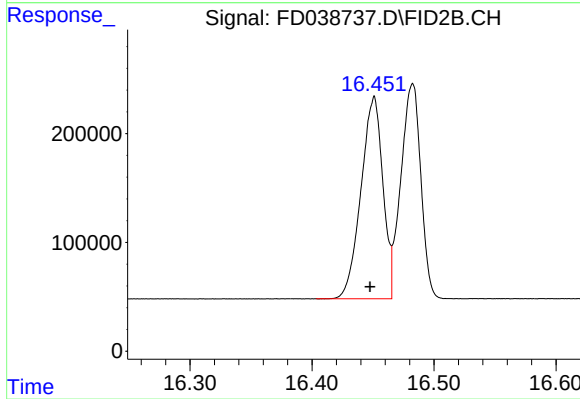
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.899 min
Delta R.T.: 0.003 min
Response: 2421710
Conc: 19.70 ug/ml



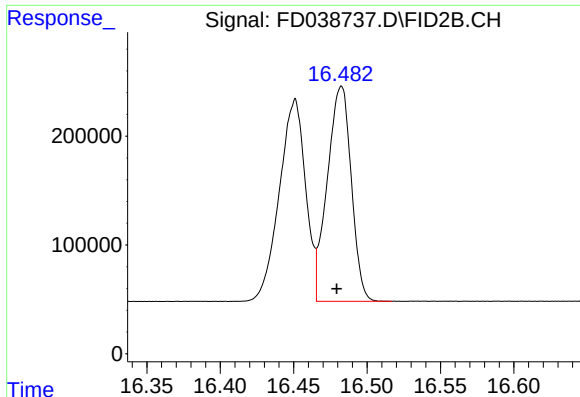
#15 Chrysene (C27.41)

R.T.: 14.943 min
Delta R.T.: 0.004 min
Response: 2470956
Conc: 19.59 ug/ml



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

R.T.: 16.451 min
Delta R.T.: 0.003 min
Response: 2314525
Conc: 19.66 ug/ml



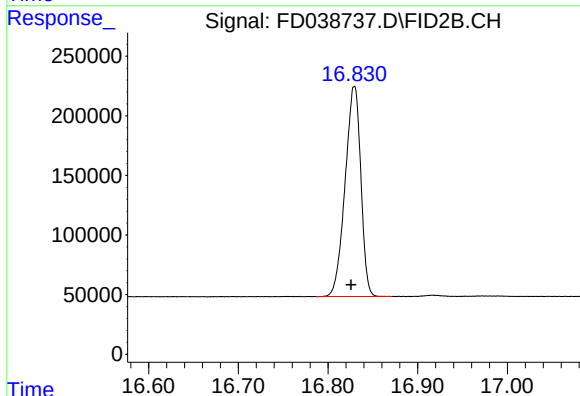
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.482 min
Delta R.T.: 0.003 min
Response: 2249085
Conc: 19.85 ug/ml

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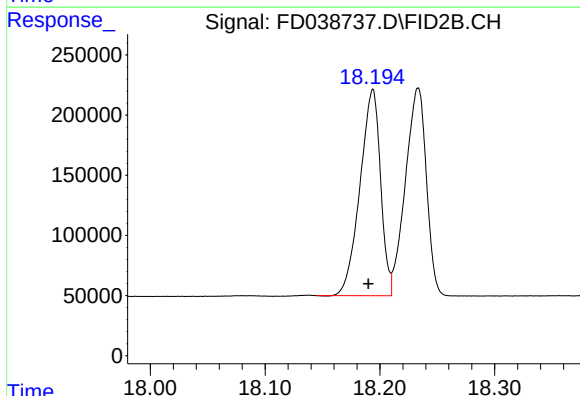
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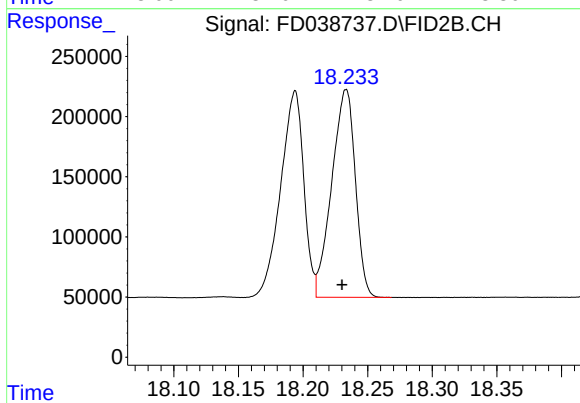
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.829 min
Delta R.T.: 0.004 min
Response: 2146885
Conc: 19.87 ug/ml



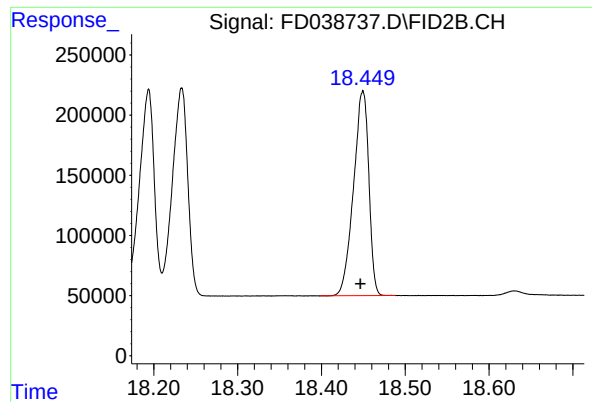
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.194 min
Delta R.T.: 0.004 min
Response: 2136136
Conc: 19.74 ug/ml



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

R.T.: 18.233 min
Delta R.T.: 0.003 min
Response: 2197956
Conc: 19.88 ug/ml



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

R.T.: 18.449 min
Delta R.T.: 0.003 min
Response: 2153718
Conc: 19.97 ug/ml

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