

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083121AR\
 Data File : FD038735.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 16:58
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:26:42 PM

Integration File: autoint1.e
 Quant Time: Sep 01 10:30:45 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	2563878	19.172 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
6) S 2-Fluorobiphenyl (SURR)	8.631	1768866	19.180 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.36%
11) S ortho-Terphenyl (SURR)	11.678	2782524	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	2802371	19.138 ug/ml
2) T Naphthalene (C11.7)	6.099	2958722	19.161 ug/ml
3) T 2-Methylnaphthalene (...)	7.153	2904357	19.174 ug/ml
5) T Acenaphthylene (C15.06)	8.434	2817765	19.148 ug/ml
7) T Acenaphthene (C15.5)	8.731	2903178	19.183 ug/ml
8) T Flouorene (C16.55)	9.512	2815164	19.170 ug/ml
9) T Phenanthrene (C19.36)	10.913	2726072	19.142 ug/ml
10) T Anthracene (C19.43)	10.988	2616907	19.100 ug/ml
12) T Fluoranthene (C21.85)	12.728	2634403	19.139 ug/ml
13) T Pyrene (C20.8)	13.026	2609221	19.160 ug/ml
14) T Benzo[a]anthracene (C...	14.897	2351043	19.127 ug/ml
15) T Chrysene (C27.41)	14.940	2399607	19.020 ug/ml
16) T benzo[b]fluoranthene ...	16.448	2251436	19.127 ug/ml
17) T Bnezo[k]fluoranthene ...	16.481	2187388	19.305 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.828	2090049	19.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.192	2081511	19.232 ug/ml
20) T Dibenz[a,h]anthracene...	18.231	2134929	19.307 ug/ml
21) T Benzo[g,h,i]perylene ...	18.447	2096323	19.441 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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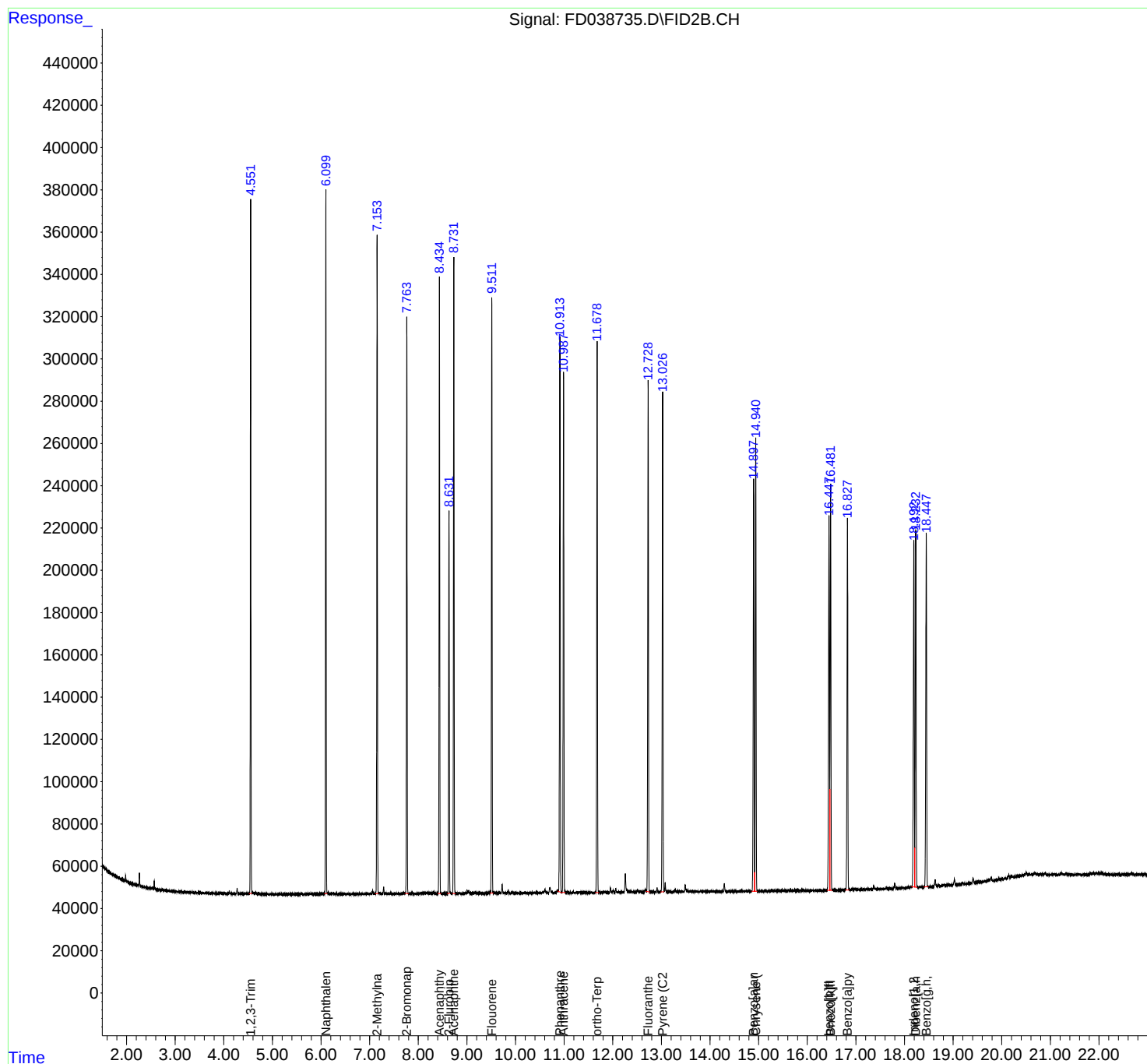
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 20 PPM AROMATIC HC STD ICV

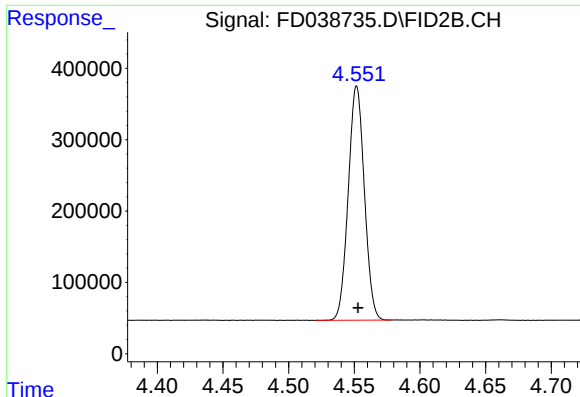
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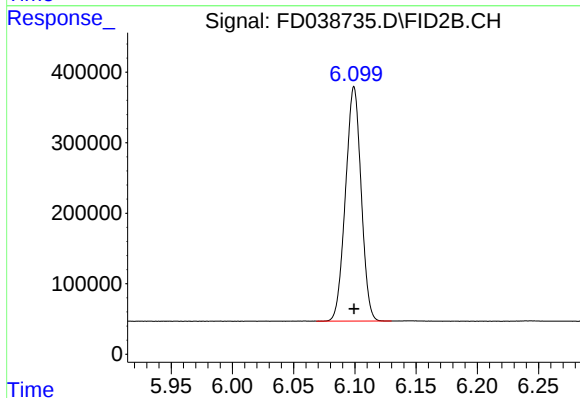
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 2802371
Conc: 19.14 ug/ml

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20 PPM AROMATIC HC STD ICV

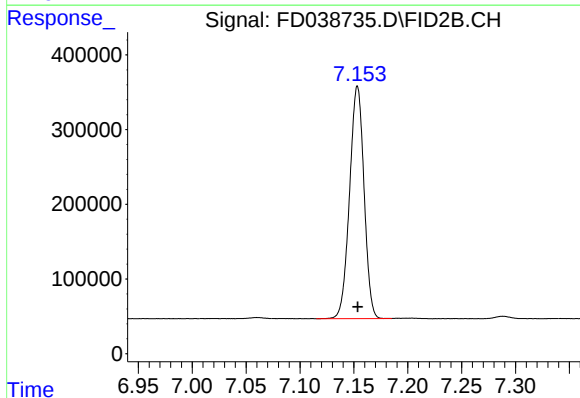
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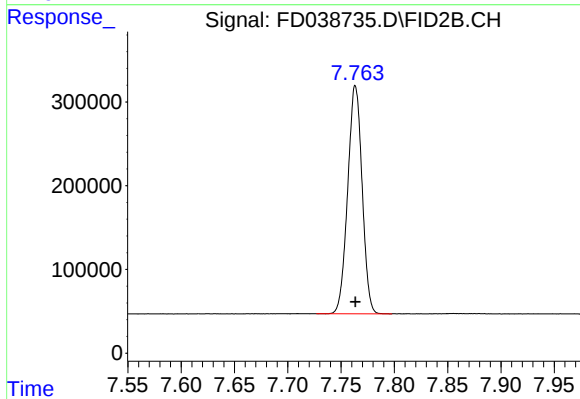
#2 Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 2958722
Conc: 19.16 ug/ml



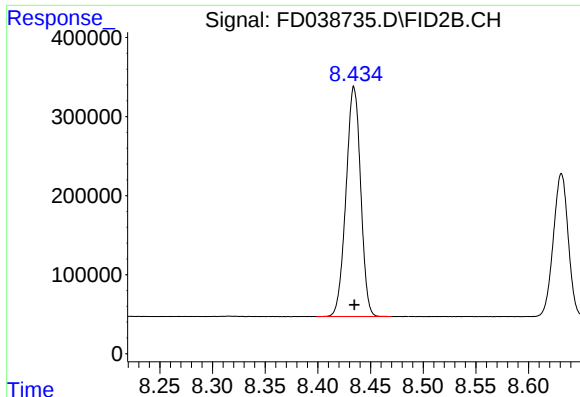
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 2904357
Conc: 19.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 2563878
Conc: 19.17 ug/ml



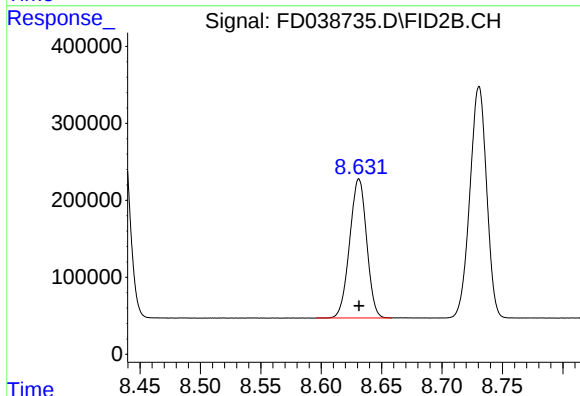
#5 Acenaphthylene (C15.06)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 2817765
Conc: 19.15 ug/ml

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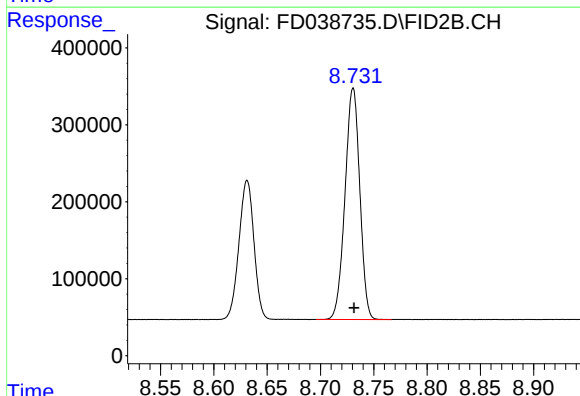
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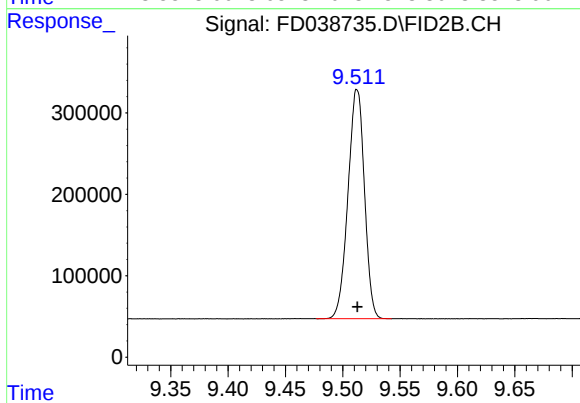
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: 0.000 min
Response: 1768866
Conc: 19.18 ug/ml



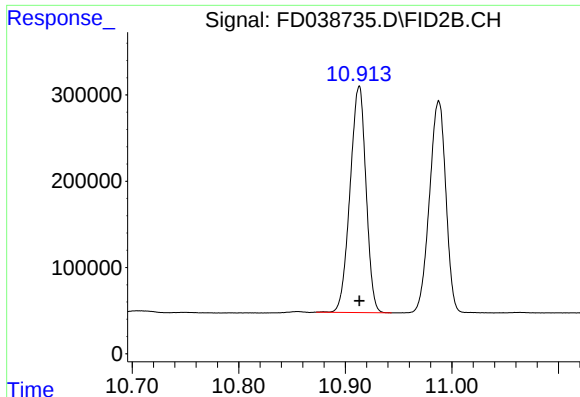
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 2903178
Conc: 19.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 2815164
Conc: 19.17 ug/ml



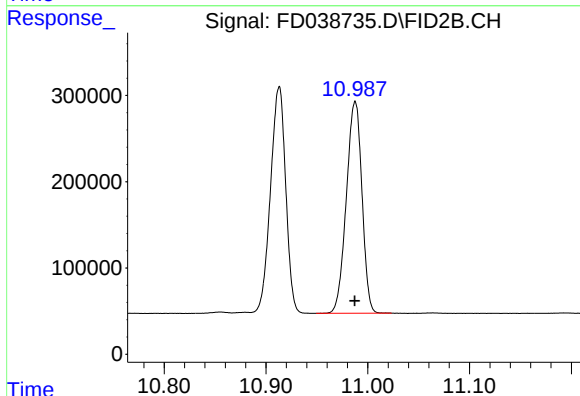
#9 Phenanthrene (C19.36)

R.T.: 10.913 min
Delta R.T.: 0.000 min
Response: 2726072
Conc: 19.14 ug/ml

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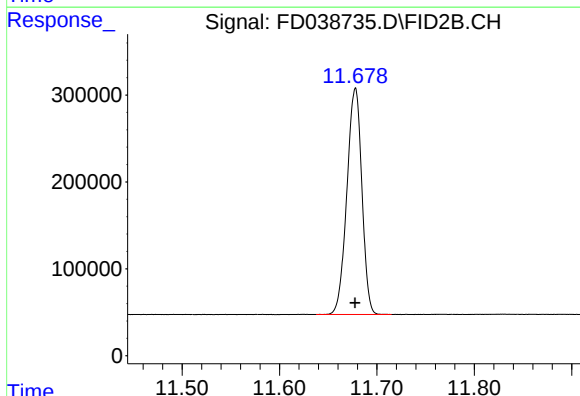
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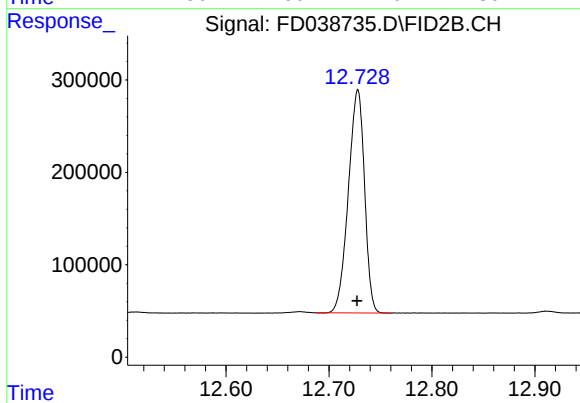
#10 Anthracene (C19.43)

R.T.: 10.988 min
Delta R.T.: 0.000 min
Response: 2616907
Conc: 19.10 ug/ml



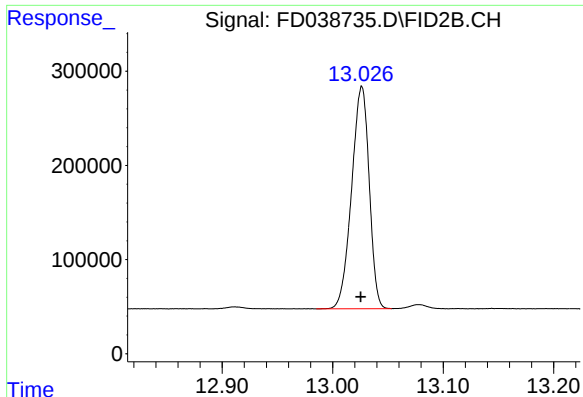
#11 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2782524
Conc: 19.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.728 min
Delta R.T.: 0.000 min
Response: 2634403
Conc: 19.14 ug/ml



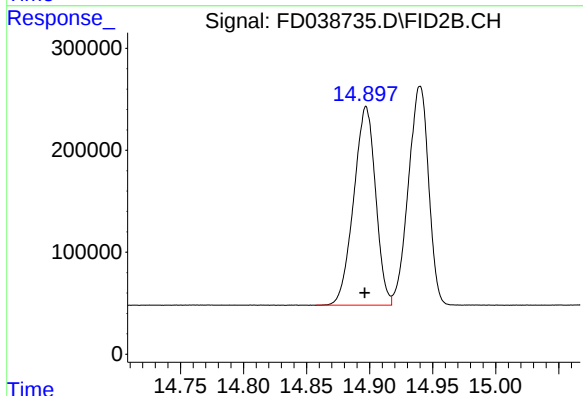
#13 Pyrene (C20.8)

R.T.: 13.026 min
Delta R.T.: 0.000 min
Response: 2609221
Conc: 19.16 ug/ml

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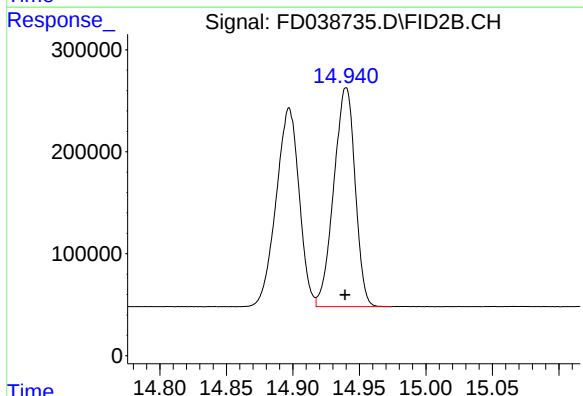
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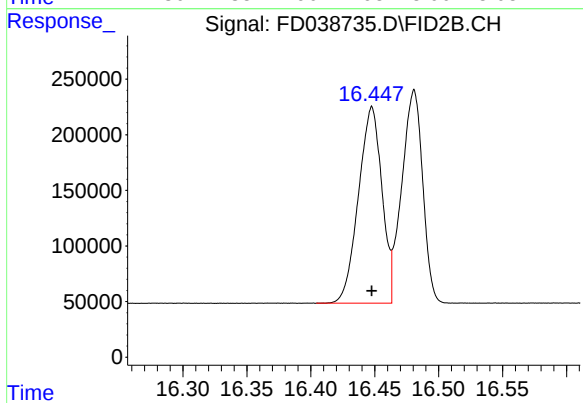
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.897 min
Delta R.T.: 0.001 min
Response: 2351043
Conc: 19.13 ug/ml



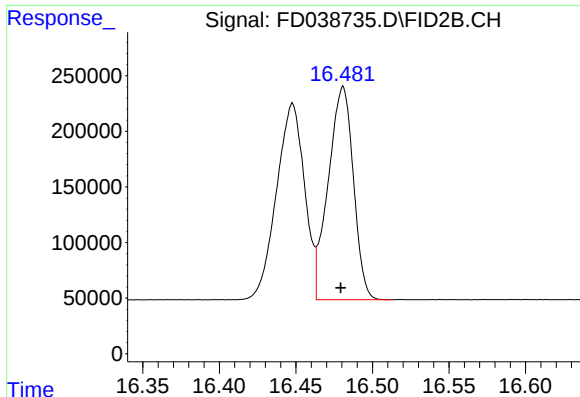
#15 Chrysene (C27.41)

R.T.: 14.940 min
Delta R.T.: 0.000 min
Response: 2399607
Conc: 19.02 ug/ml



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

R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 2251436
Conc: 19.13 ug/ml



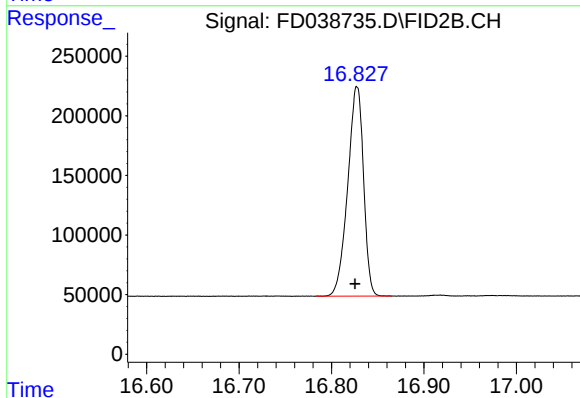
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.481 min
Delta R.T.: 0.002 min
Response: 2187388
Conc: 19.31 ug/ml

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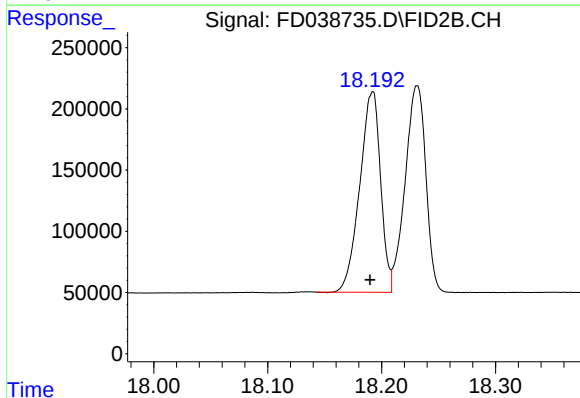
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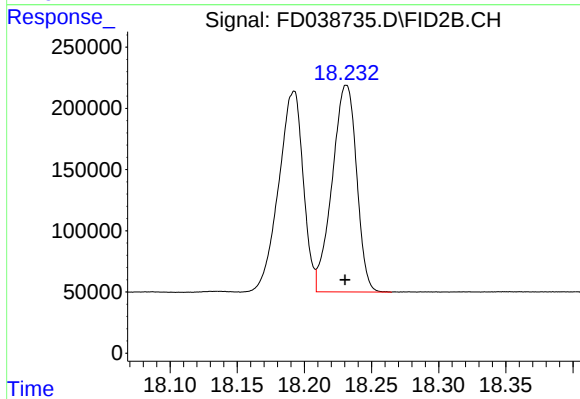
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.828 min
Delta R.T.: 0.002 min
Response: 2090049
Conc: 19.34 ug/ml



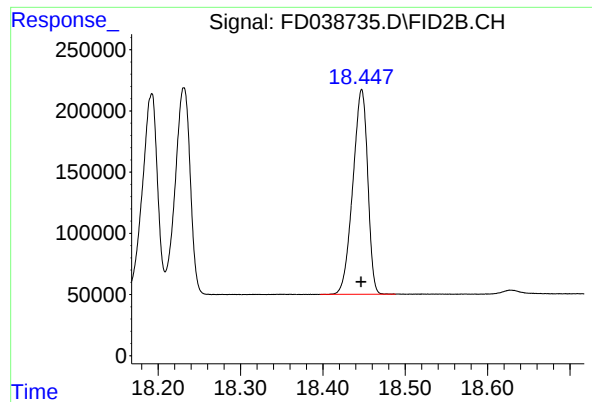
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.192 min
Delta R.T.: 0.002 min
Response: 2081511
Conc: 19.23 ug/ml



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

R.T.: 18.231 min
Delta R.T.: 0.001 min
Response: 2134929
Conc: 19.31 ug/ml



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

R.T.: 18.447 min
Delta R.T.: 0.000 min
Response: 2096323
Conc: 19.44 ug/ml

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