

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039745.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 10:05
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 11:27:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 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...	7.738	1979913	17.697 ug/ml
Spiked Amount 50.000		Recovery =	35.39%
6) S 2-Fluorobiphenyl (SURR)	8.608	1296198	17.283 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.57%
11) S ortho-Terphenyl (SURR)	11.650	2197423	17.767 ug/ml
Spiked Amount 50.000		Recovery =	35.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.527	2164208	17.473 ug/ml
2) T Naphthalene (C11.7)	6.074	2254339	17.628 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	2280279	17.551 ug/ml
5) T Acenaphthylene (C15.06)	8.409	2112113	17.590 ug/ml
7) T Acenaphthene (C15.5)	8.705	2274029	17.856 ug/ml
8) T Fluorene (C16.55)	9.488	2142356	17.441 ug/ml
9) T Phenanthrene (C19.36)	10.888	2079943	17.341 ug/ml
10) T Anthracene (C19.43)	10.964	2091429	17.461 ug/ml
12) T Fluoranthene (C21.85)	12.705	2042433	17.133 ug/ml
13) T Pyrene (C20.8)	13.003	1988961	17.493 ug/ml
14) T Benzo[a]anthracene (C...	14.877	1801303	18.429 ug/mlm
15) T Chrysene (C27.41)	14.920	2096466	18.415 ug/ml
16) T benzo[b]fluoranthene ...	16.431	1939213	19.712 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.462	1974626	18.660 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.812	1844268	19.136 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.178	1676870	17.989 ug/mlm
20) T Dibenz[a,h]anthracene...	18.216	1964828	19.184 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	1845219	18.668 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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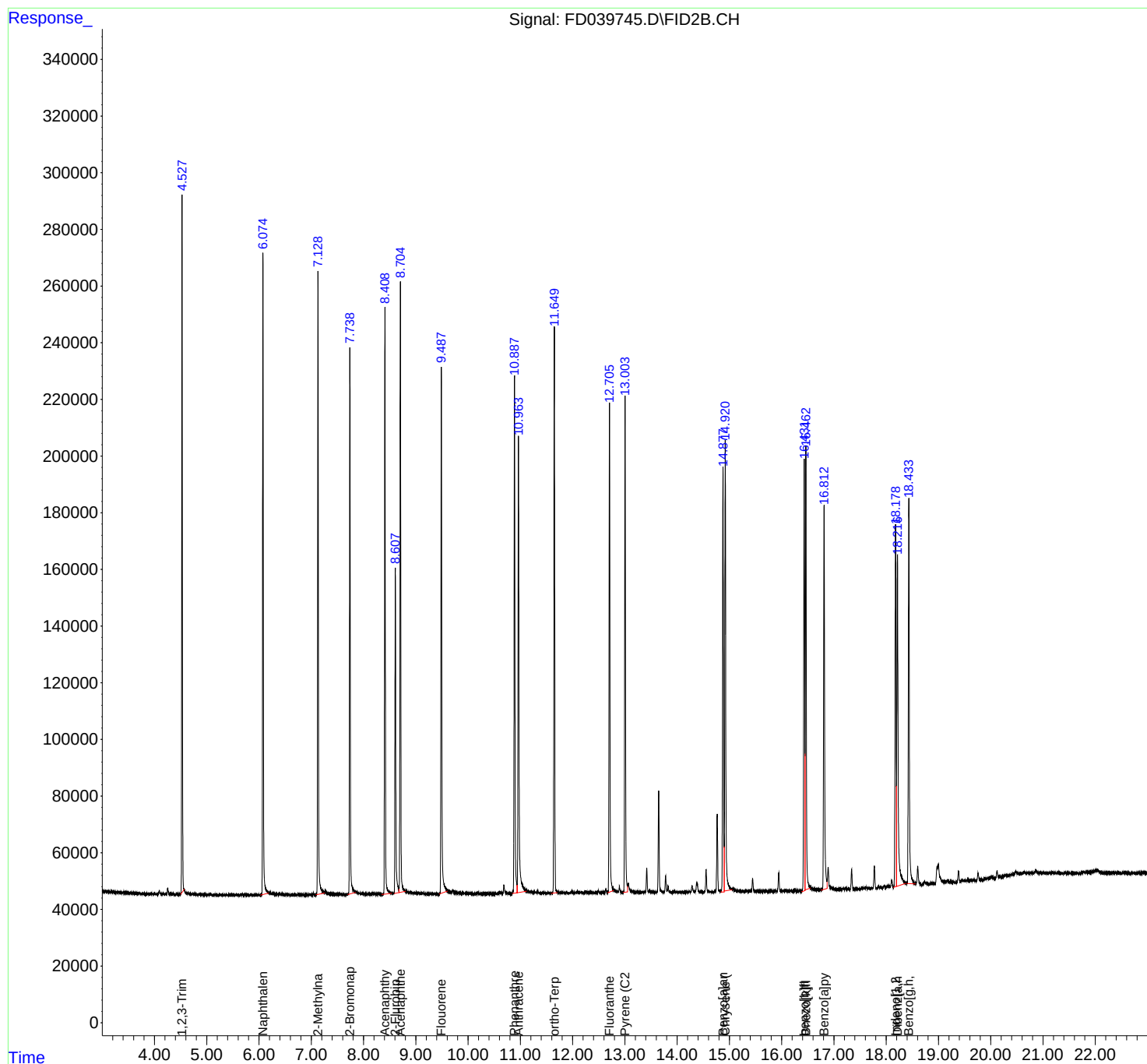
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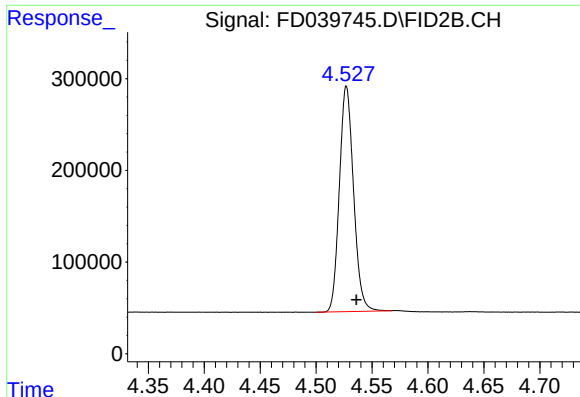
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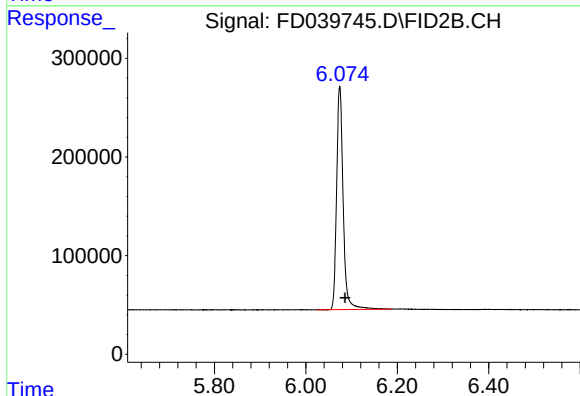
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.527 min
Delta R.T.: -0.009 min
Response: 2164208
Conc: 17.47 ug/ml

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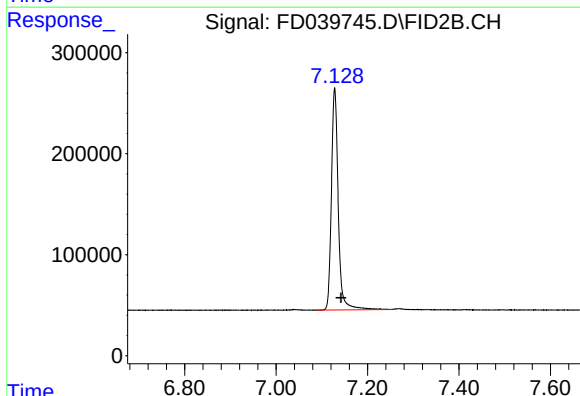
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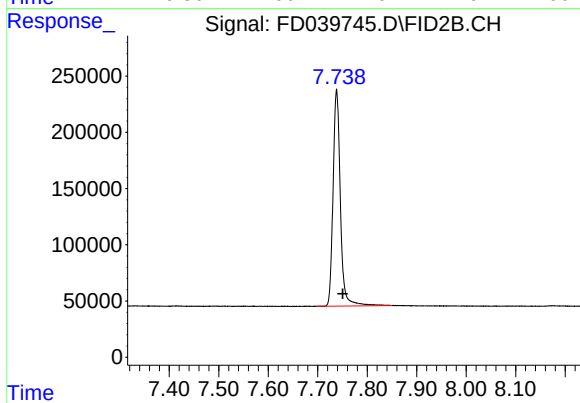
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.012 min
Response: 2254339
Conc: 17.63 ug/ml



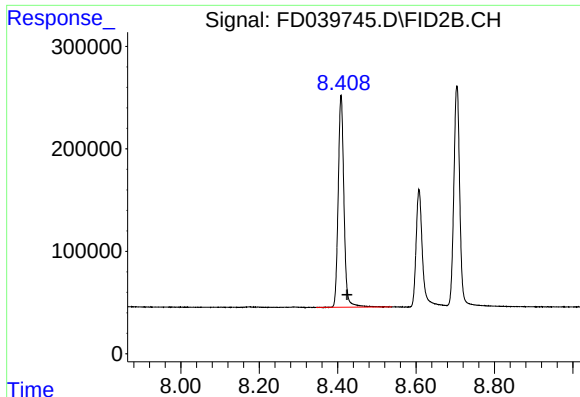
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: -0.014 min
Response: 2280279
Conc: 17.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.738 min
Delta R.T.: -0.013 min
Response: 1979913
Conc: 17.70 ug/ml



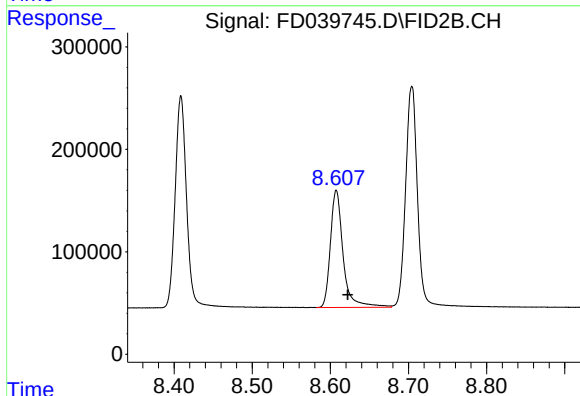
#5 Acenaphthylene (C15.06)

R.T.: 8.409 min
Delta R.T.: -0.016 min
Response: 2112113
Conc: 17.59 ug/ml

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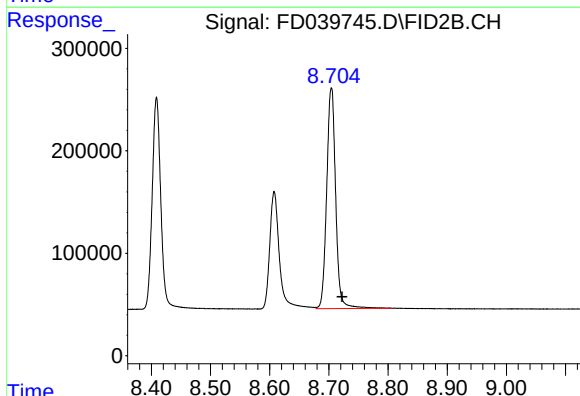
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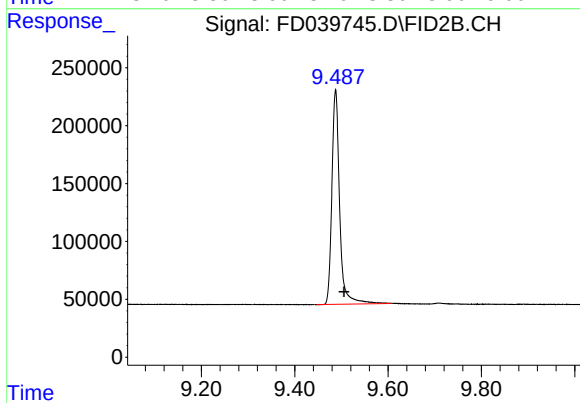
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.608 min
Delta R.T.: -0.015 min
Response: 1296198
Conc: 17.28 ug/ml



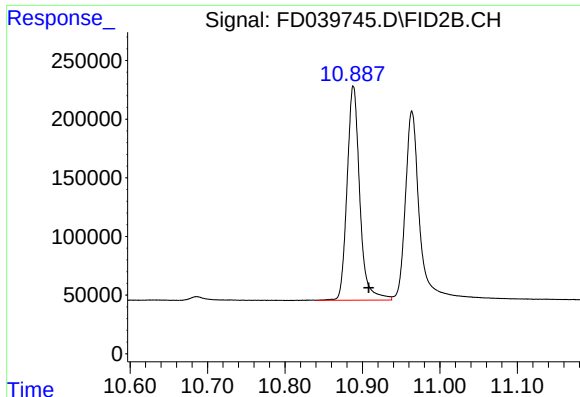
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: -0.018 min
Response: 2274029
Conc: 17.86 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.488 min
Delta R.T.: -0.018 min
Response: 2142356
Conc: 17.44 ug/ml



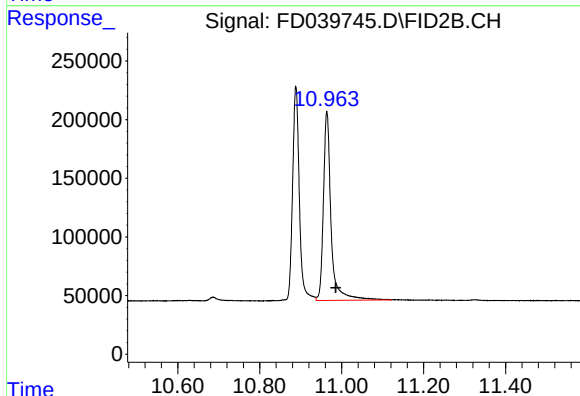
#9 Phenanthrene (C19.36)

R.T.: 10.888 min
Delta R.T.: -0.020 min
Response: 2079943
Conc: 17.34 ug/ml

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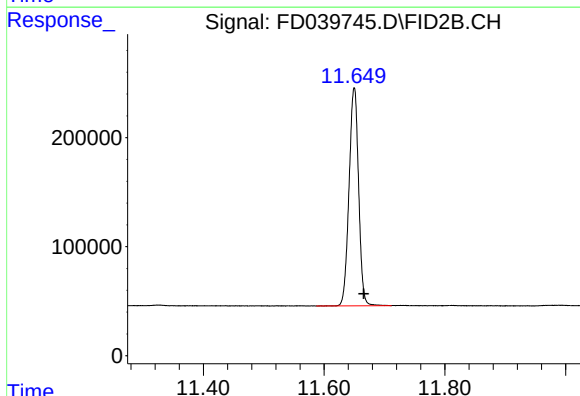
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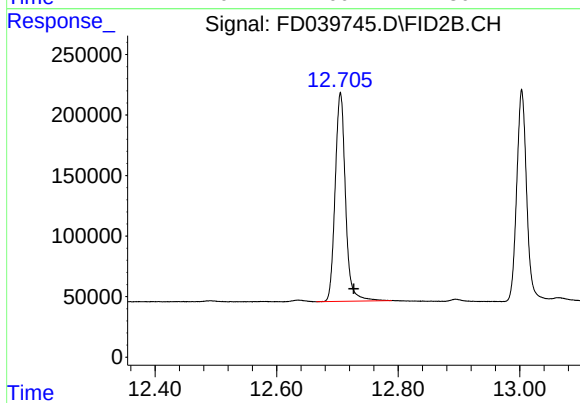
#10 Anthracene (C19.43)

R.T.: 10.964 min
Delta R.T.: -0.021 min
Response: 2091429
Conc: 17.46 ug/ml



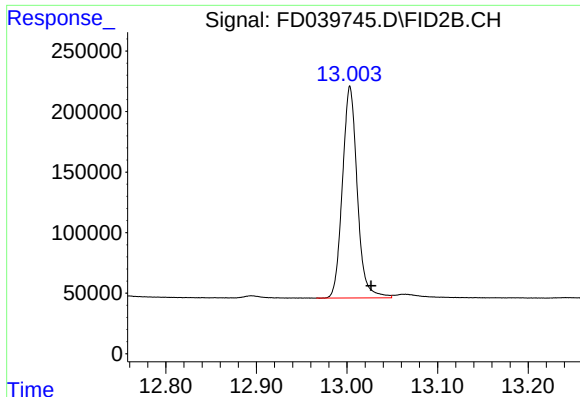
#11 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.015 min
Response: 2197423
Conc: 17.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.705 min
Delta R.T.: -0.022 min
Response: 2042433
Conc: 17.13 ug/ml



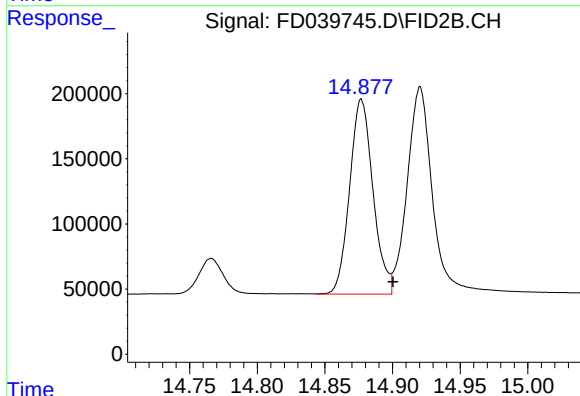
#13 Pyrene (C20.8)

R.T.: 13.003 min
Delta R.T.: -0.023 min
Response: 1988961
Conc: 17.49 ug/ml

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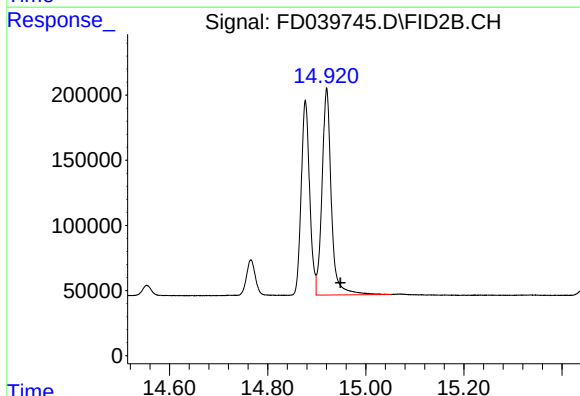
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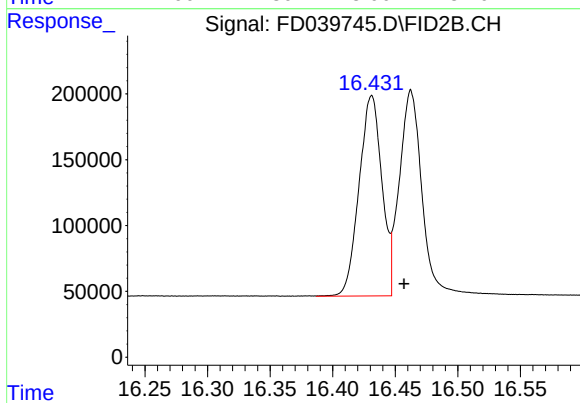
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.877 min
Delta R.T.: -0.024 min
Response: 1801303
Conc: 18.43 ug/ml m



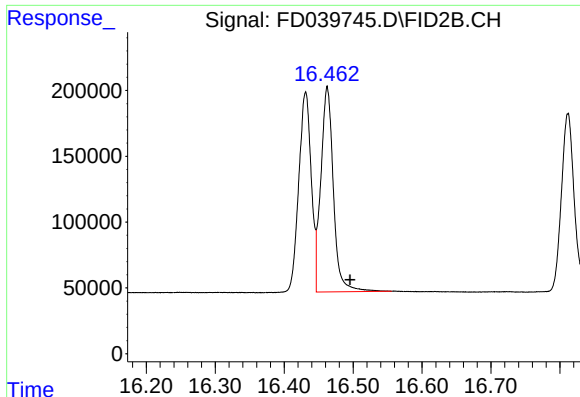
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: -0.028 min
Response: 2096466
Conc: 18.41 ug/ml



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

R.T.: 16.431 min
Delta R.T.: -0.026 min
Response: 1939213
Conc: 19.71 ug/ml m



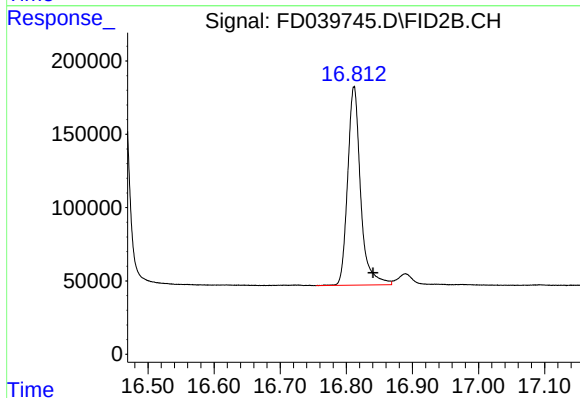
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.462 min
Delta R.T.: -0.033 min
Response: 1974626
Conc: 18.66 ug/ml

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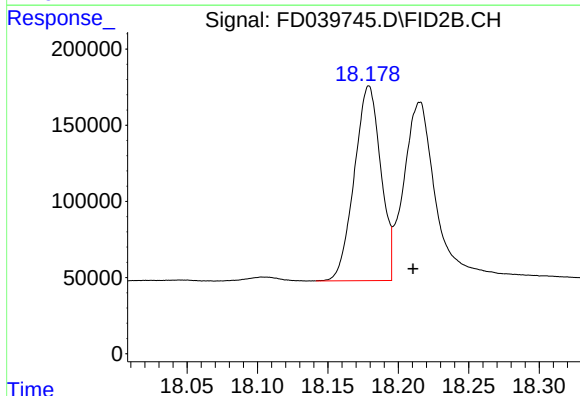
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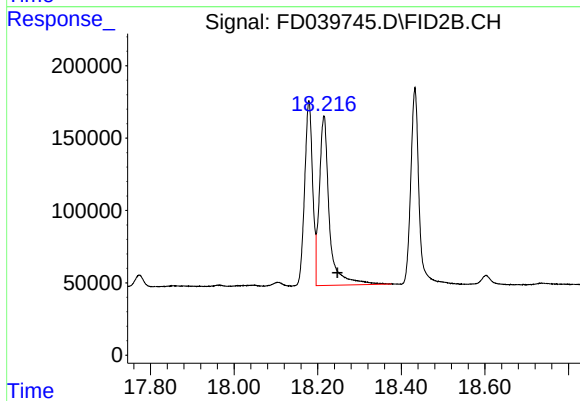
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.812 min
Delta R.T.: -0.029 min
Response: 1844268
Conc: 19.14 ug/ml



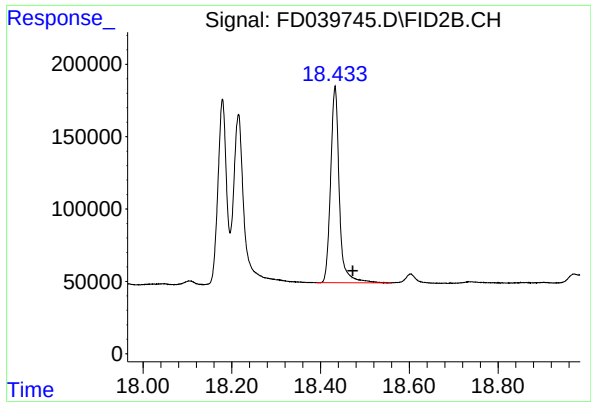
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.178 min
Delta R.T.: -0.032 min
Response: 1676870
Conc: 17.99 ug/ml m



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

R.T.: 18.216 min
Delta R.T.: -0.032 min
Response: 1964828
Conc: 19.18 ug/ml



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

R.T.: 18.433 min
Delta R.T.: -0.040 min
Response: 1845219
Conc: 18.67 ug/ml

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