

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039630.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 4:33
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 05:13:50 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...	7.745	2253712	20.144 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
6) S 2-Fluorobiphenyl (SURR)	8.614	1530333	20.405 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.81%
11) S ortho-Terphenyl (SURR)	11.657	2472150	19.989 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	2434781	19.658 ug/ml
2) T Naphthalene (C11.7)	6.080	2573152	20.121 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	2612841	20.110 ug/ml
5) T Acenaphthylene (C15.06)	8.416	2425870	20.203 ug/ml
7) T Acenaphthene (C15.5)	8.711	2586875	20.313 ug/ml
8) T Flouorene (C16.55)	9.495	2489906	20.270 ug/ml
9) T Phenanthrene (C19.36)	10.897	2433531	20.288 ug/ml
10) T Anthracene (C19.43)	10.972	2435439	20.333 ug/ml
12) T Fluoranthene (C21.85)	12.713	2386705	20.021 ug/ml
13) T Pyrene (C20.8)	13.011	2296285	20.196 ug/ml
14) T Benzo[a]anthracene (C...	14.885	1981433	20.271 ug/ml
15) T Chrysene (C27.41)	14.927	2248604	19.751 ug/ml
16) T benzo[b]fluoranthene ...	16.439	1983248	20.160 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.471	2110913	19.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	1975653	20.499 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.185	1852345	19.872 ug/mlm
20) T Dibenz[a,h]anthracene...	18.223	2087868	20.385 ug/ml
21) T Benzo[g,h,i]perylene ...	18.440	1984293	20.075 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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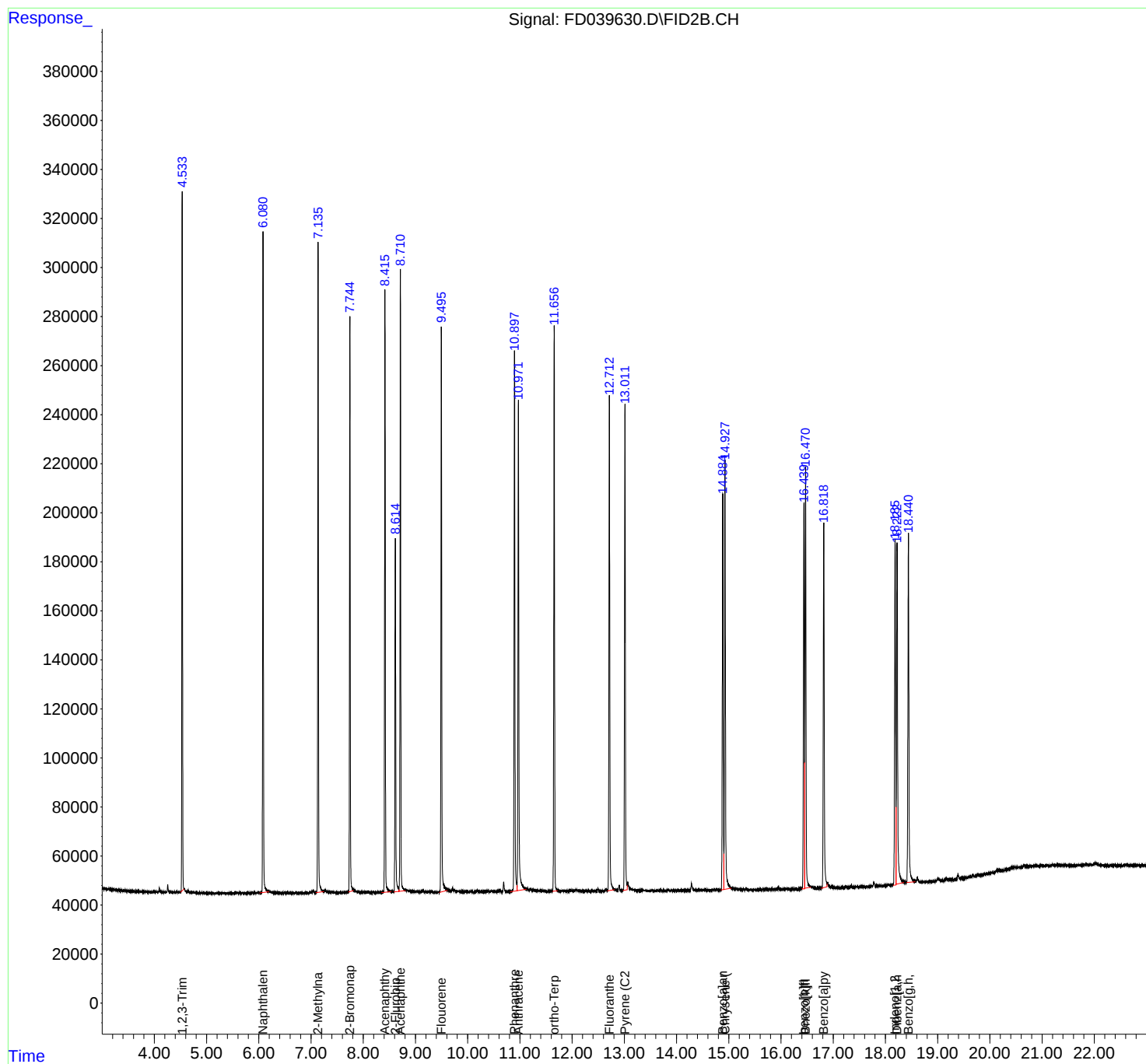
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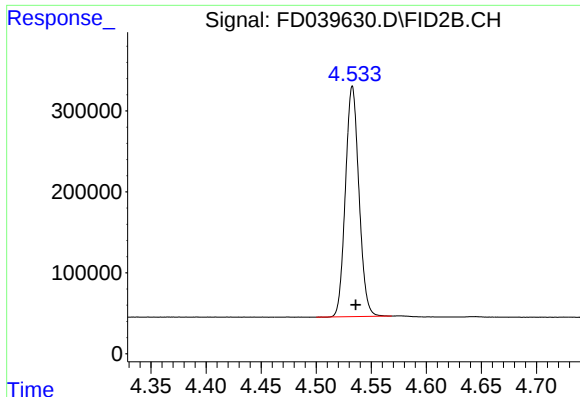
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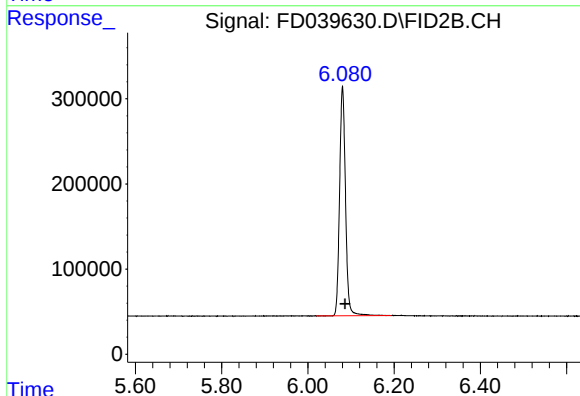
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.533 min
Delta R.T.: -0.003 min
Response: 2434781
Conc: 19.66 ug/ml

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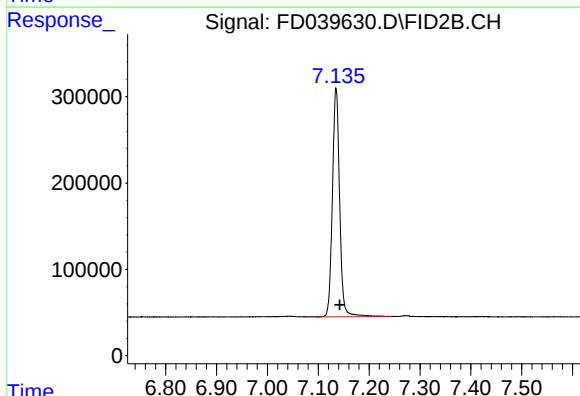
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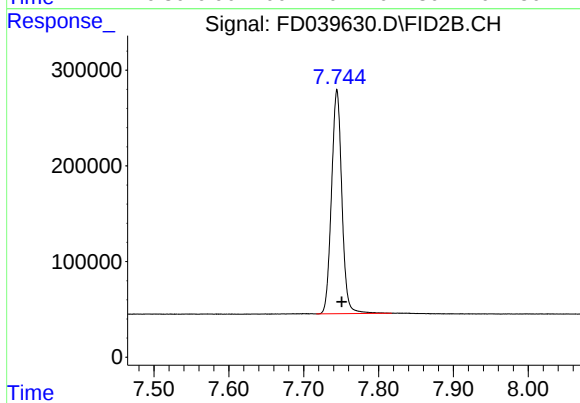
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 2573152
Conc: 20.12 ug/ml



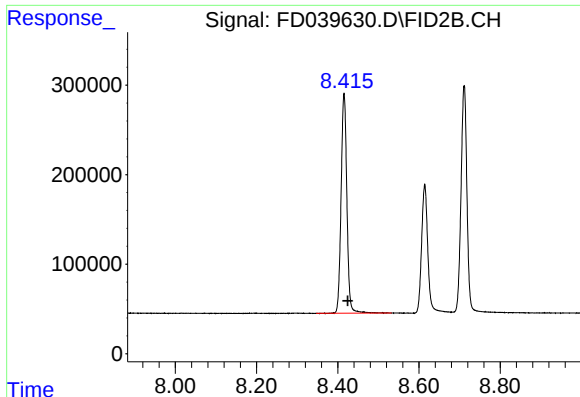
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.007 min
Response: 2612841
Conc: 20.11 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.745 min
Delta R.T.: -0.006 min
Response: 2253712
Conc: 20.14 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.416 min
Delta R.T.: -0.009 min
Response: 2425870
Conc: 20.20 ug/ml

Instrument :

FID_D

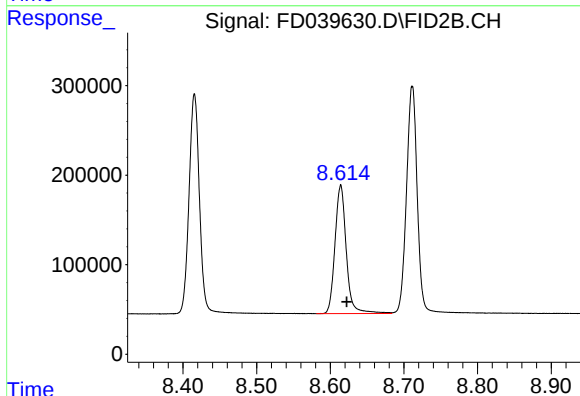
ClientSampleId :

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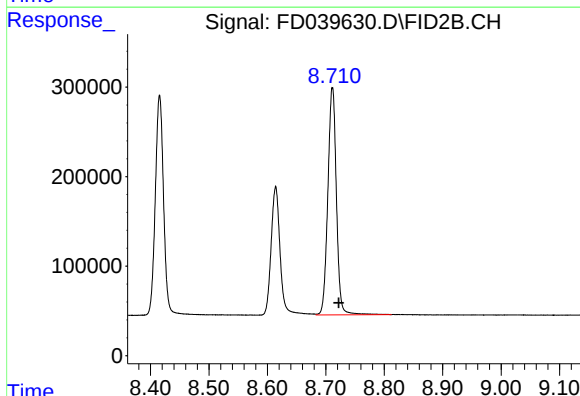
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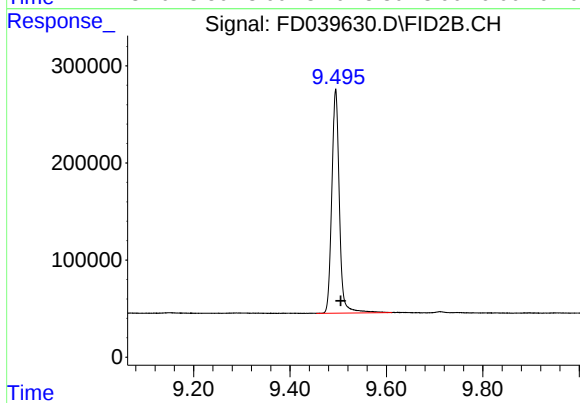
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: -0.008 min
Response: 1530333
Conc: 20.41 ug/ml



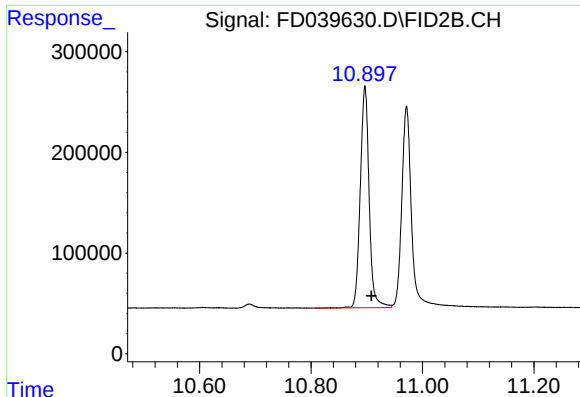
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: -0.011 min
Response: 2586875
Conc: 20.31 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.495 min
Delta R.T.: -0.011 min
Response: 2489906
Conc: 20.27 ug/ml



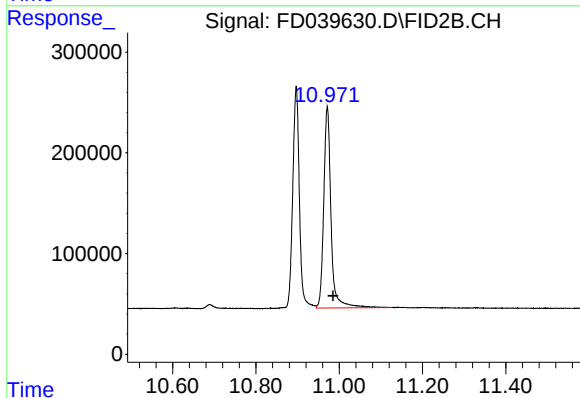
#9 Phenanthrene (C19.36)

R.T.: 10.897 min
Delta R.T.: -0.011 min
Response: 2433531
Conc: 20.29 ug/ml

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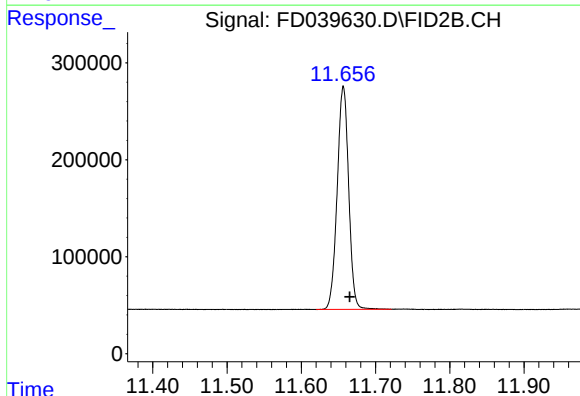
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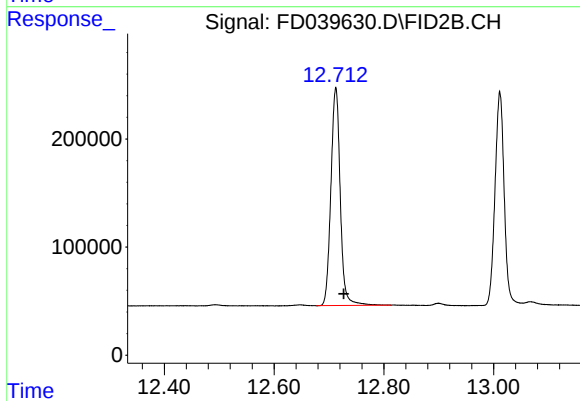
#10 Anthracene (C19.43)

R.T.: 10.972 min
Delta R.T.: -0.014 min
Response: 2435439
Conc: 20.33 ug/ml



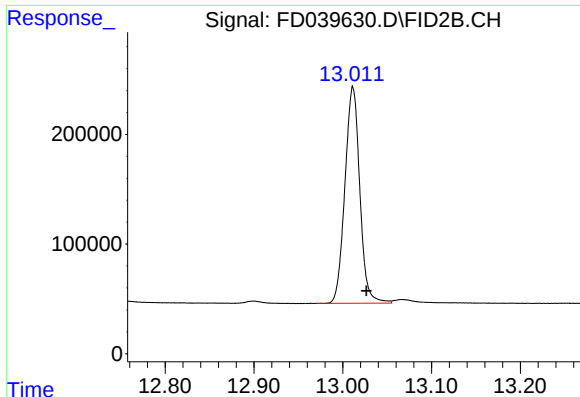
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.009 min
Response: 2472150
Conc: 19.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.713 min
Delta R.T.: -0.014 min
Response: 2386705
Conc: 20.02 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.011 min
Delta R.T.: -0.015 min
Response: 2296285
Conc: 20.20 ug/ml

Instrument :

FID_D

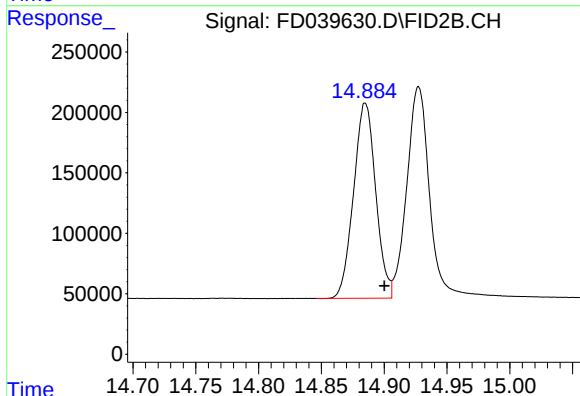
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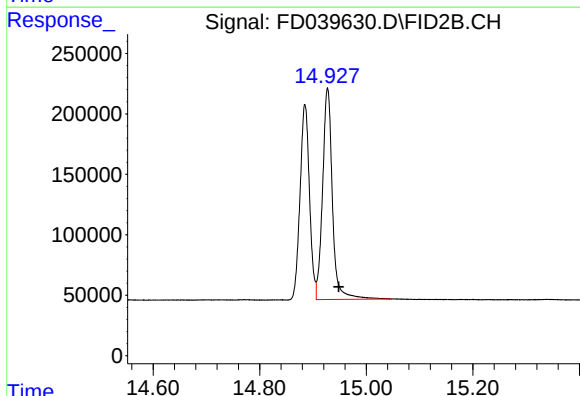
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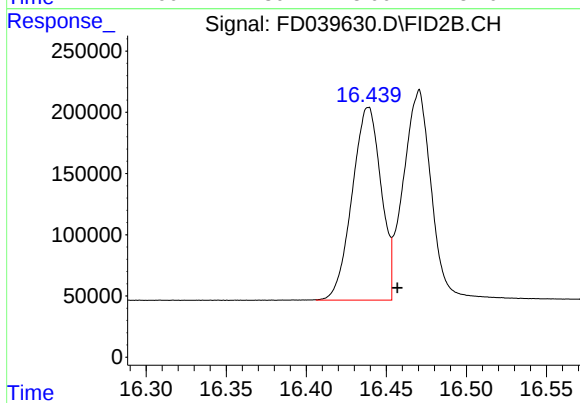
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.885 min
Delta R.T.: -0.015 min
Response: 1981433
Conc: 20.27 ug/ml



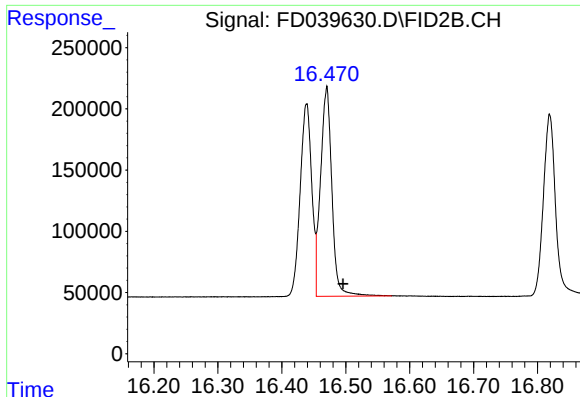
#15 Chrysene (C27.41)

R.T.: 14.927 min
Delta R.T.: -0.021 min
Response: 2248604
Conc: 19.75 ug/ml



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

R.T.: 16.439 min
Delta R.T.: -0.018 min
Response: 1983248
Conc: 20.16 ug/ml m



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

R.T.: 16.471 min
Delta R.T.: -0.025 min
Response: 2110913
Conc: 19.95 ug/ml

Instrument :

FID_D

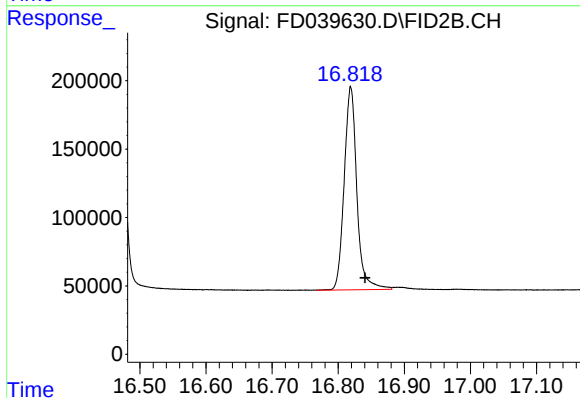
ClientSampleId :

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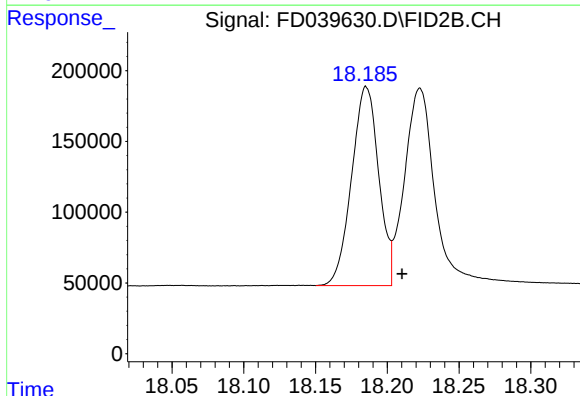
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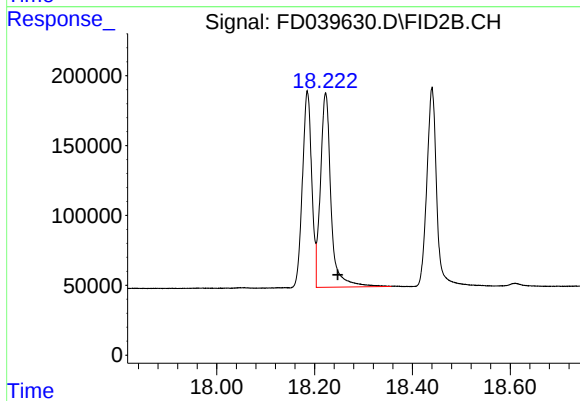
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.819 min
Delta R.T.: -0.022 min
Response: 1975653
Conc: 20.50 ug/ml



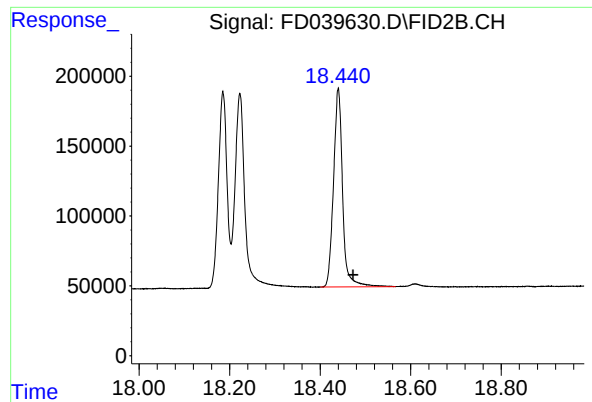
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.185 min
Delta R.T.: -0.026 min
Response: 1852345
Conc: 19.87 ug/ml m



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

R.T.: 18.223 min
Delta R.T.: -0.025 min
Response: 2087868
Conc: 20.39 ug/ml



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

R.T.: 18.440 min
Delta R.T.: -0.032 min
Response: 1984293
Conc: 20.07 ug/ml

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