

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042221AL\
 Data File : FD037089.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 21:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 23 02:22:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

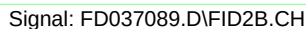
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.478	2399898	20.553 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	12.911	1777723	21.013 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
Target Compounds			
1) T n-Nonane (C9)	3.277	2466716	20.935 ug/ml
2) T n-Decane (C10)	4.338	2477506	20.891 ug/ml
3) T A~Naphthalene (C11.7)	5.912	2732492	20.822 ug/ml
4) T n-Dodecane (C12)	6.349	2472236	20.819 ug/ml
5) T A~2-methylnaphthalene...	6.965	2726232	20.791 ug/ml
6) T n-Tetradecane (C14)	8.137	2405775	20.783 ug/ml
7) T n-Hexadecane (C16)	9.731	2274305	20.687 ug/ml
8) T n-Octadecane (C18)	11.167	2254534	20.562 ug/ml
10) T n-Eicosane (C20)	12.471	2186210	20.610 ug/ml
11) T n-Heneicosane (C21)	13.079	2144052	20.408 ug/ml
13) T n-Docosane (C22)	13.663	2102714	20.455 ug/ml
14) T n-Tetracosane (C24)	14.760	2072656	20.462 ug/ml
15) T n-Hexacosane (C26)	15.776	2042090	20.908 ug/ml
16) T n-Octacosane (C28)	16.720	2120643	22.062 ug/ml
17) T n-Tricontane (C30)	17.603	2351632	24.453 ug/ml
18) T n-Dotriacontane (C32)	18.431	2440834	24.817 ug/ml
19) T n-Tetratriacontane (C34)	19.210	2307767	24.313 ug/ml
20) T n-Hexatriacontane (C36)	19.945	2057023	21.843 ug/ml
21) T n-Octatriacontane (C38)	20.654	1970942	22.893 ug/ml
22) T n-Tetracontane (C40)	21.502	2061327	21.484 ug/ml

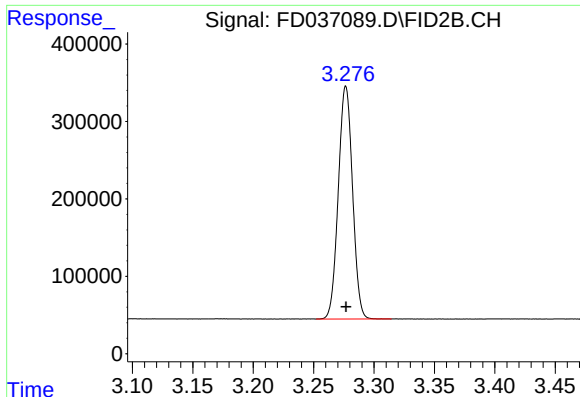
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

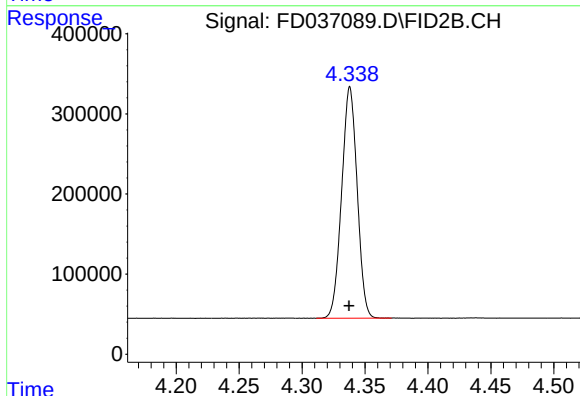




#1 n-Nonane (C9)

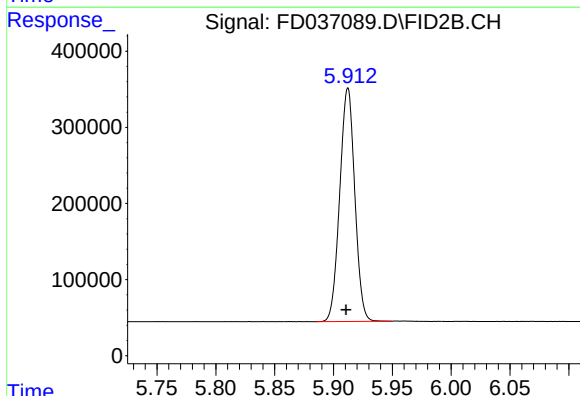
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 2466716
Conc: 20.94 ug/ml

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20 PPM ALIPHATIC HC STD



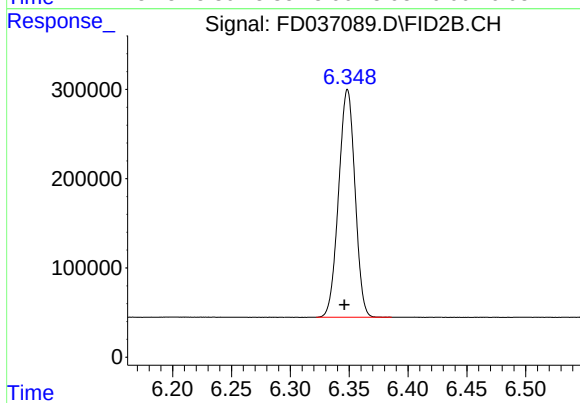
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2477506
Conc: 20.89 ug/ml



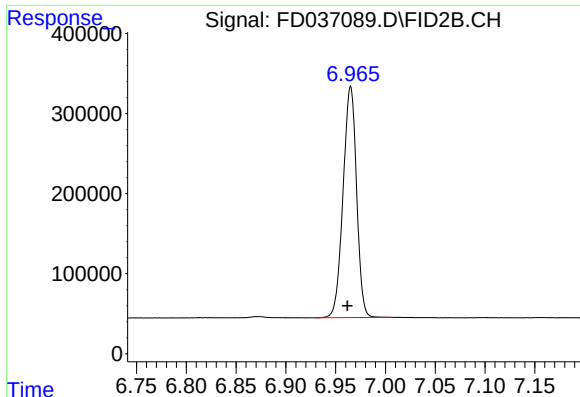
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.002 min
Response: 2732492
Conc: 20.82 ug/ml



#4 n-Dodecane (C12)

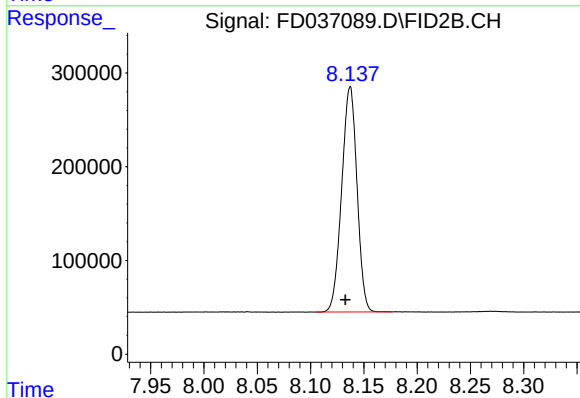
R.T.: 6.349 min
Delta R.T.: 0.003 min
Response: 2472236
Conc: 20.82 ug/ml



#5 A~2-methylnaphthalene (C12.89)

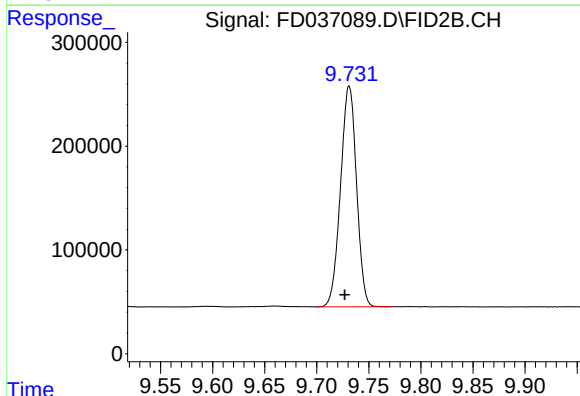
R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 2726232
Conc: 20.79 ug/ml

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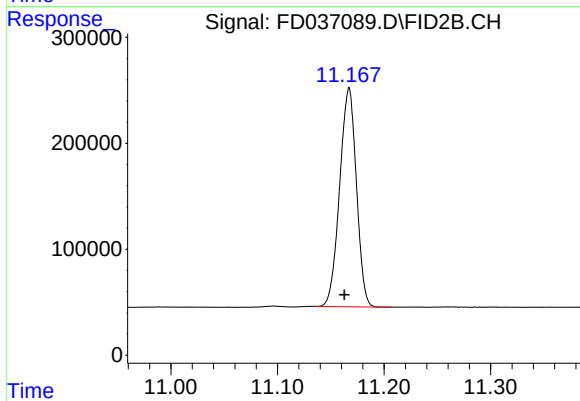
#6 n-Tetradecane (C14)

R.T.: 8.137 min
Delta R.T.: 0.005 min
Response: 2405775
Conc: 20.78 ug/ml



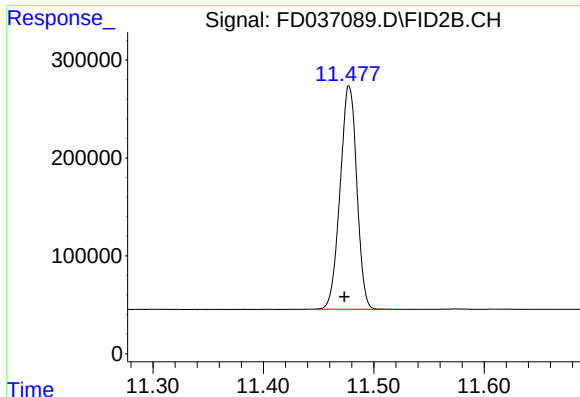
#7 n-Hexadecane (C16)

R.T.: 9.731 min
Delta R.T.: 0.004 min
Response: 2274305
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

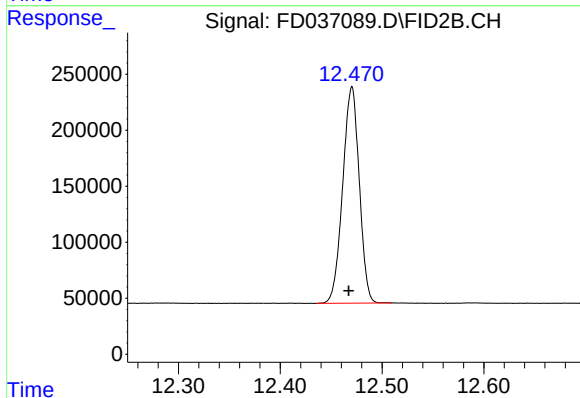
R.T.: 11.167 min
Delta R.T.: 0.004 min
Response: 2254534
Conc: 20.56 ug/ml



#9 ortho-Terphenyl (SURR)

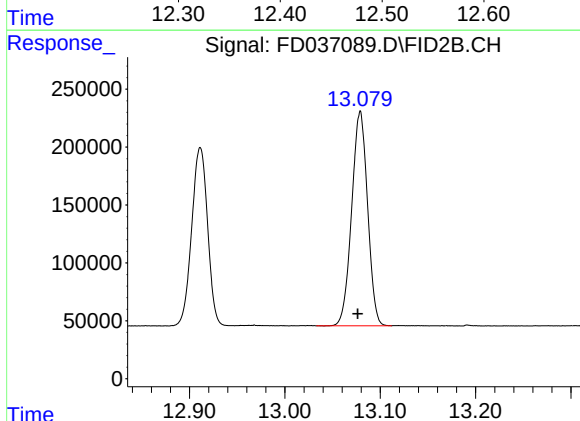
R.T.: 11.478 min
Delta R.T.: 0.004 min
Response: 2399898
Conc: 20.55 ug/ml

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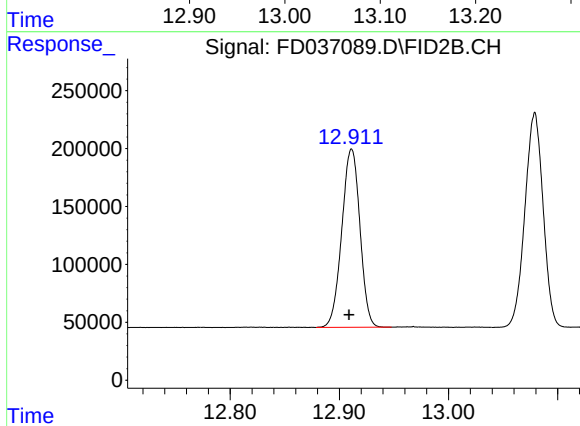
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: 0.003 min
Response: 2186210
Conc: 20.61 ug/ml



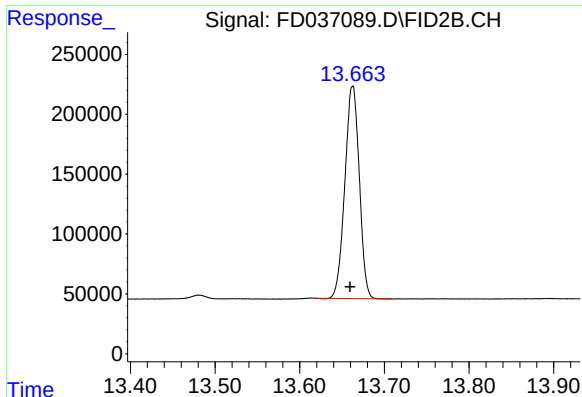
#11 n-Heneicosane (C21)

R.T.: 13.079 min
Delta R.T.: 0.003 min
Response: 2144052
Conc: 20.41 ug/ml



#12 1-chlorooctadecane (SURR)

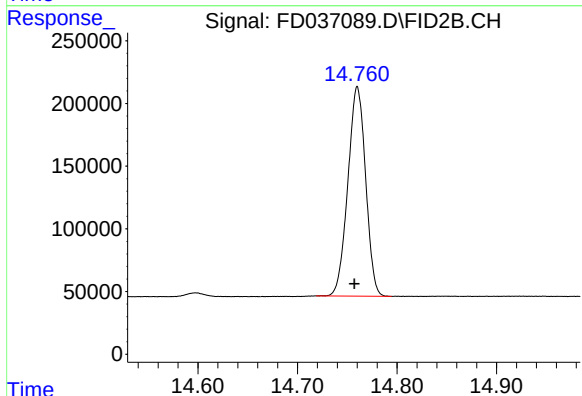
R.T.: 12.911 min
Delta R.T.: 0.002 min
Response: 1777723
Conc: 21.01 ug/ml



#13 n-Docosane (C22)

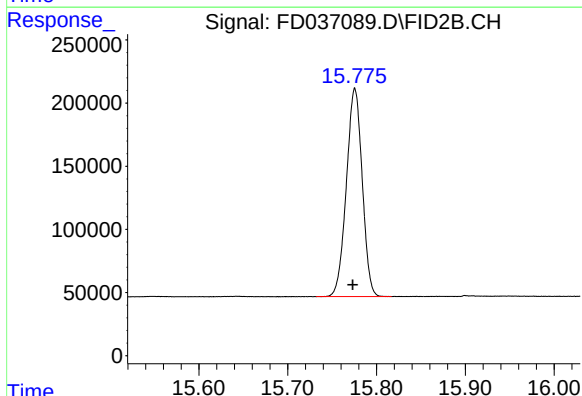
R.T.: 13.663 min
Delta R.T.: 0.003 min
Response: 2102714
Conc: 20.45 ug/ml

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20 PPM ALIPHATIC HC STD



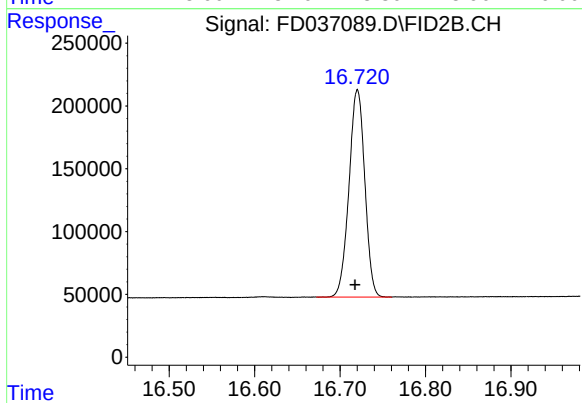
#14 n-Tetracosane (C24)

R.T.: 14.760 min
Delta R.T.: 0.003 min
Response: 2072656
Conc: 20.46 ug/ml



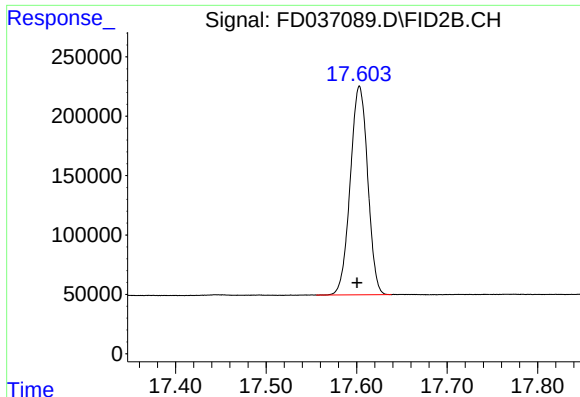
#15 n-Hexacosane (C26)

R.T.: 15.776 min
Delta R.T.: 0.002 min
Response: 2042090
Conc: 20.91 ug/ml



#16 n-Octacosane (C28)

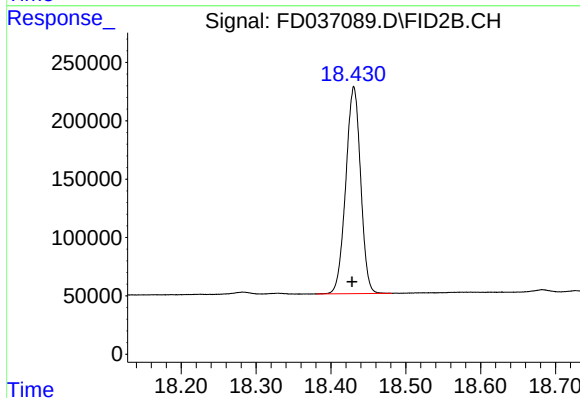
R.T.: 16.720 min
Delta R.T.: 0.003 min
Response: 2120643
Conc: 22.06 ug/ml



#17 n-Tricontane (C30)

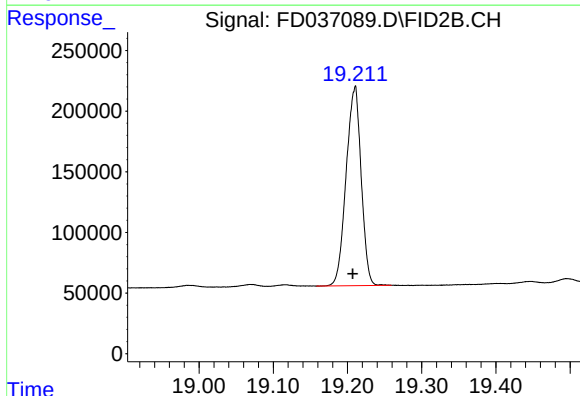
R.T.: 17.603 min
Delta R.T.: 0.003 min
Response: 2351632
Conc: 24.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



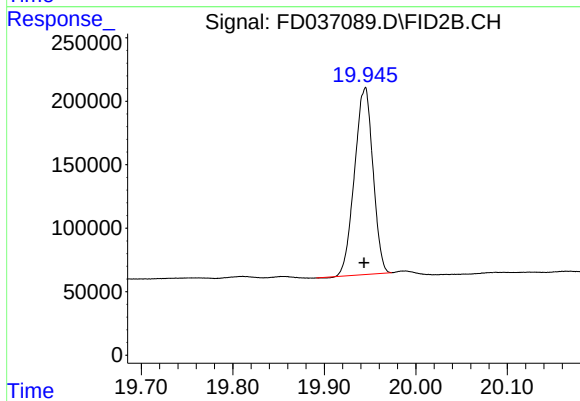
#18 n-Dotriacontane (C32)

R.T.: 18.431 min
Delta R.T.: 0.003 min
Response: 2440834
Conc: 24.82 ug/ml



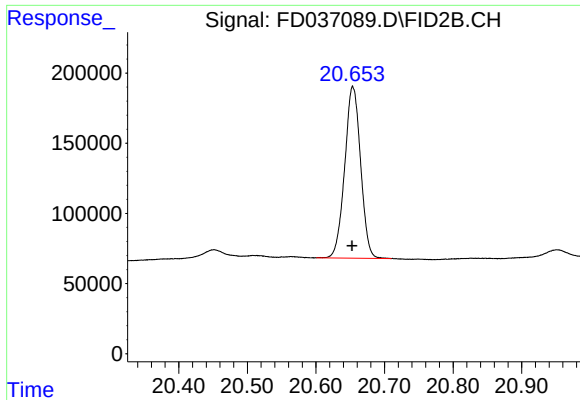
#19 n-Tetratriacontane (C34)

R.T.: 19.210 min
Delta R.T.: 0.003 min
Response: 2307767
Conc: 24.31 ug/ml



#20 n-Hexatriacontane (C36)

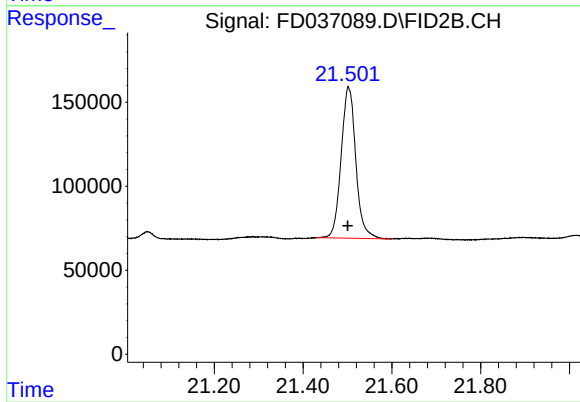
R.T.: 19.945 min
Delta R.T.: 0.001 min
Response: 2057023
Conc: 21.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: 0.001 min
Response: 1970942
Conc: 22.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: 0.001 min
Response: 2061327
Conc: 21.48 ug/ml