

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051821AL\
 Data File : FD037552.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2021 9:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 19 09:48:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.458	2254302	19.224 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
12) S 1-chlorooctadecane (S...	12.892	1718036	18.907 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
Target Compounds			
1) T n-Nonane (C9)	3.261	2067221	20.488 ug/ml
2) T n-Decane (C10)	4.323	2086169	20.561 ug/ml
3) T A~Naphthalene (C11.7)	5.896	2342701	20.574 ug/ml
4) T n-Dodecane (C12)	6.332	2129065	20.595 ug/ml
5) T A~2-methylnaphthalene...	6.948	2373645	20.503 ug/ml
6) T n-Tetradecane (C14)	8.120	2126288	20.401 ug/ml
7) T n-Hexadecane (C16)	9.712	2078209	20.141 ug/ml
8) T n-Octadecane (C18)	11.147	2126947	19.686 ug/ml
10) T n-Eicosane (C20)	12.451	2087763	19.157 ug/ml
11) T n-Heneicosane (C21)	13.059	2062560	18.946 ug/ml
13) T n-Docosane (C22)	13.643	2035114	18.734 ug/ml
14) T n-Tetracosane (C24)	14.740	1989449	18.361 ug/ml
15) T n-Hexacosane (C26)	15.755	1933516	18.152 ug/ml
16) T n-Octacosane (C28)	16.701	1922622	18.146 ug/ml
17) T n-Tricontane (C30)	17.582	1944543	18.470 ug/ml
18) T n-Dotriacontane (C32)	18.409	1936319	18.589 ug/ml
19) T n-Tetratriacontane (C34)	19.189	1914215	18.833 ug/ml
20) T n-Hexatriacontane (C36)	19.923	1824973	18.710 ug/ml
21) T n-Octatriacontane (C38)	20.633	1796271	19.539 ug/ml
22) T n-Tetracontane (C40)	21.475	1857389	19.289 ug/ml

(f)=RT Delta > 1/2 Window

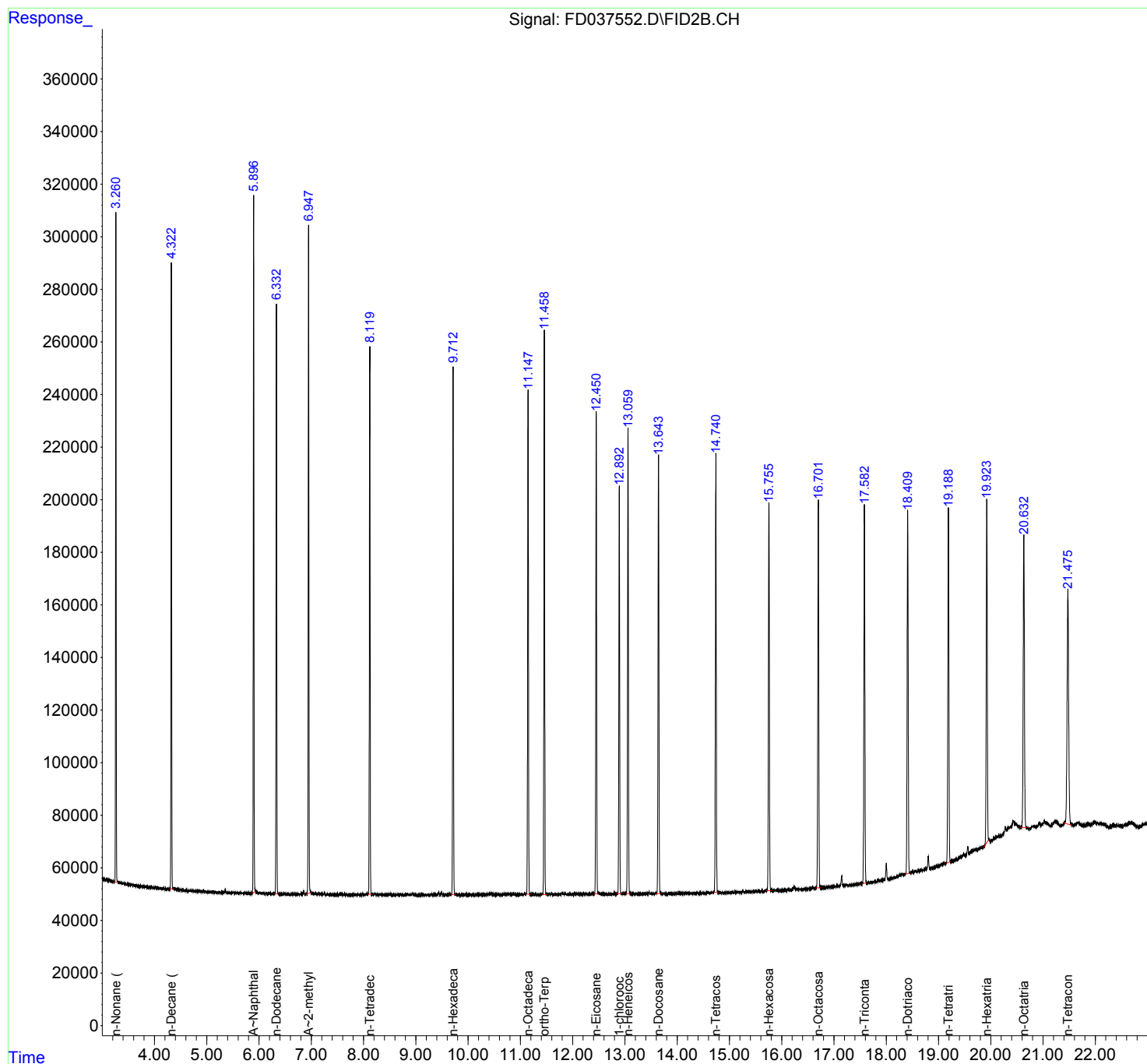
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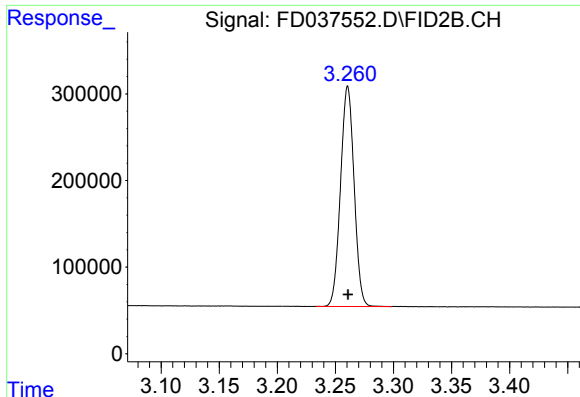
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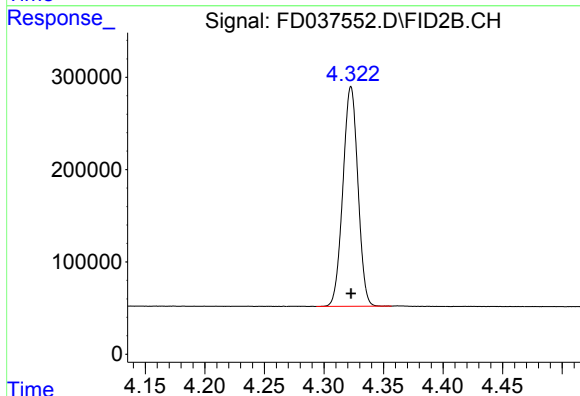




#1 n-Nonane (C9)

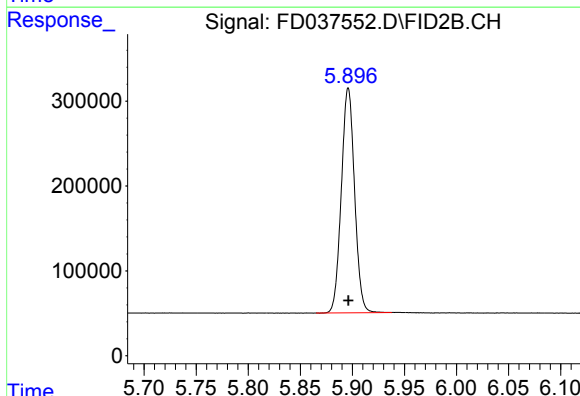
R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 2067221
Conc: 20.49 ug/ml

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20 PPM ALIPHATIC HC STD



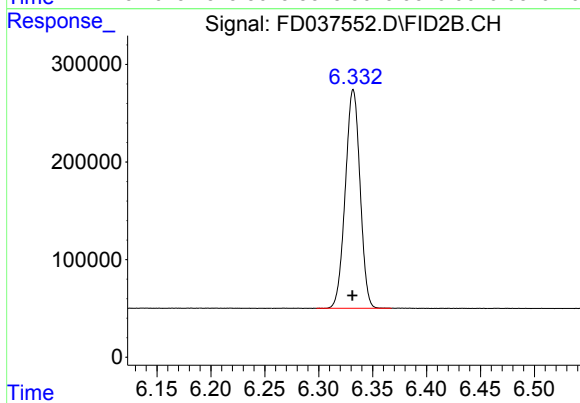
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 2086169
Conc: 20.56 ug/ml



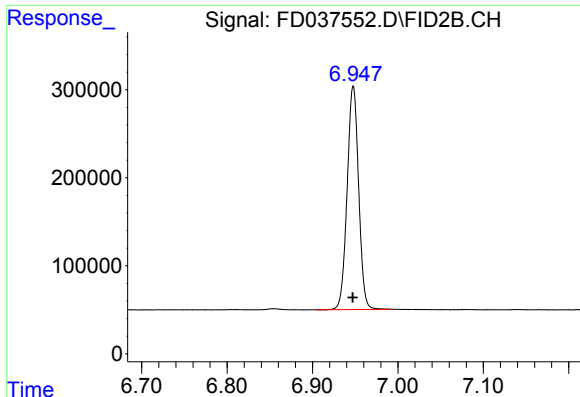
#3 A~Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 2342701
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

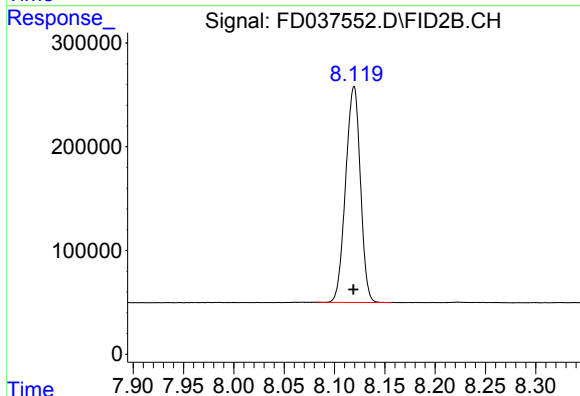
R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2129065
Conc: 20.59 ug/ml



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

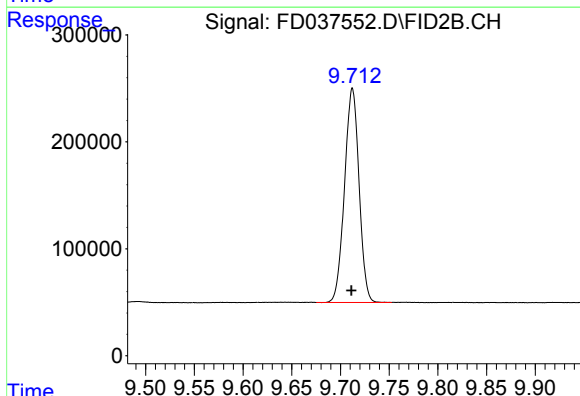
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 2373645
Conc: 20.50 ug/ml

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20 PPM ALIPHATIC HC STD



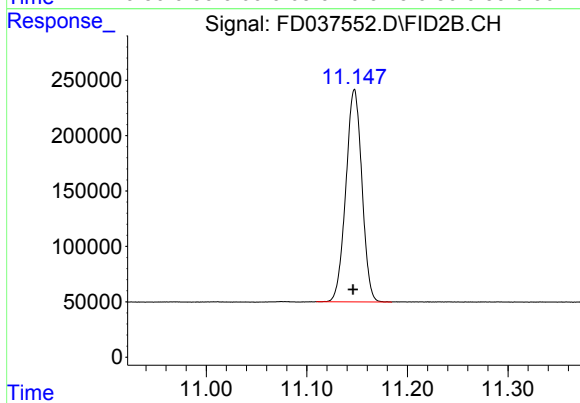
#6 n-Tetradecane (C14)

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 2126288
Conc: 20.40 ug/ml



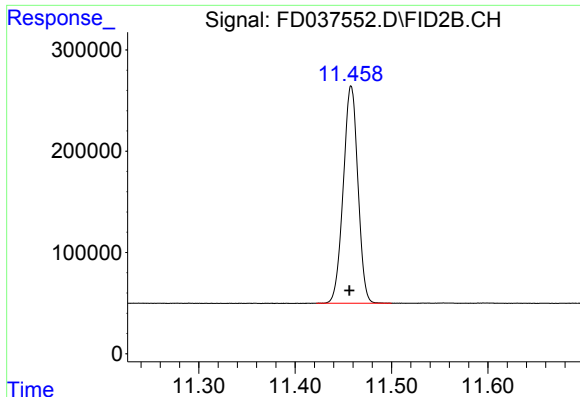
#7 n-Hexadecane (C16)

R.T.: 9.712 min
Delta R.T.: 0.000 min
Response: 2078209
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

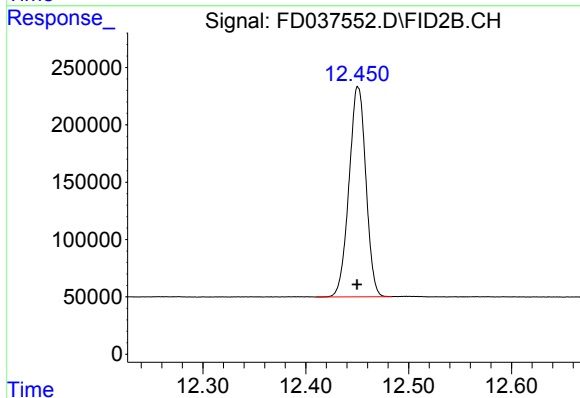
R.T.: 11.147 min
Delta R.T.: 0.001 min
Response: 2126947
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

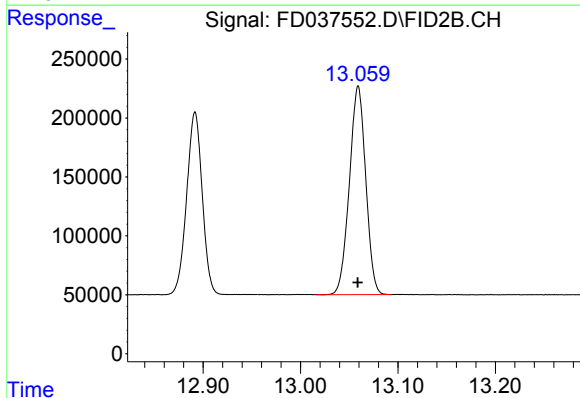
R.T.: 11.458 min
Delta R.T.: 0.002 min
Response: 2254302
Conc: 19.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



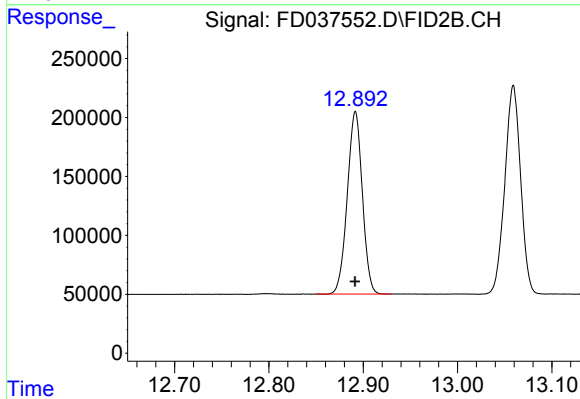
#10 n-Eicosane (C20)

R.T.: 12.451 min
Delta R.T.: 0.000 min
Response: 2087763
Conc: 19.16 ug/ml



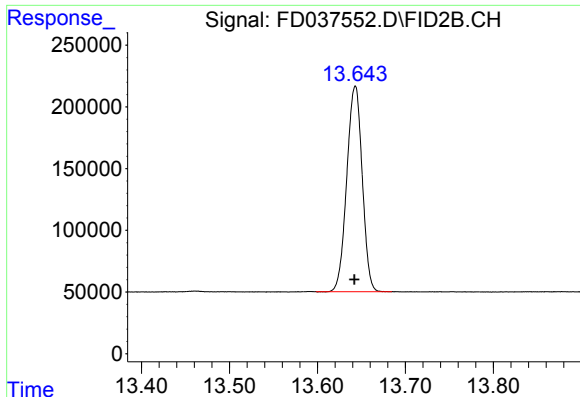
#11 n-Heneicosane (C21)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 2062560
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

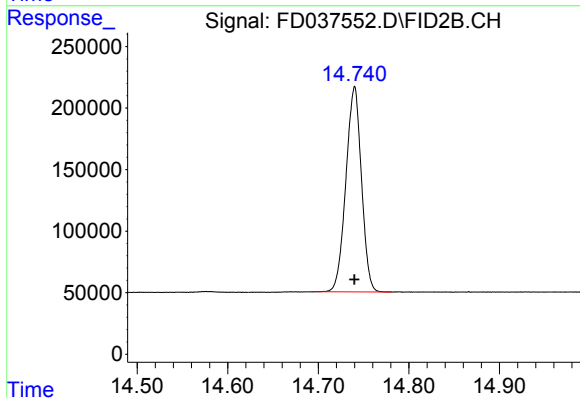
R.T.: 12.892 min
Delta R.T.: 0.000 min
Response: 1718036
Conc: 18.91 ug/ml



#13 n-Docosane (C22)

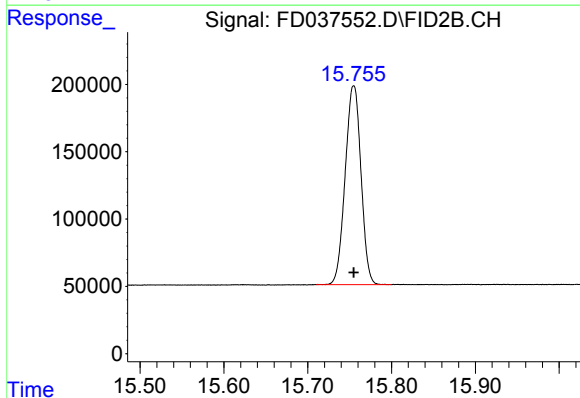
R.T.: 13.643 min
Delta R.T.: 0.000 min
Response: 2035114
Conc: 18.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



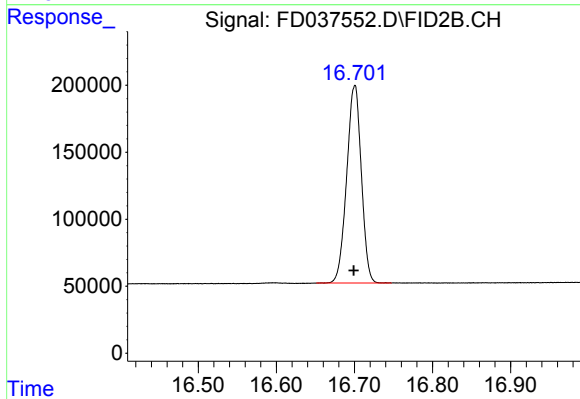
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 1989449
Conc: 18.36 ug/ml



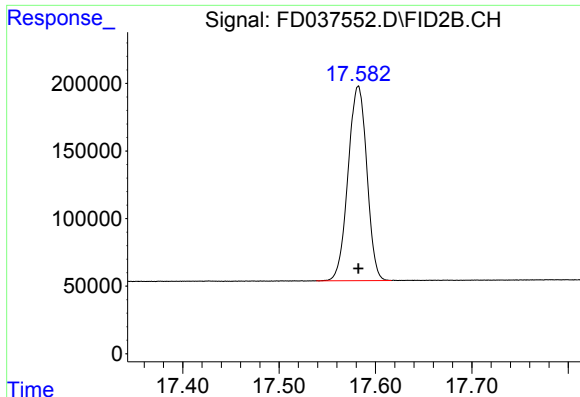
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: 0.000 min
Response: 1933516
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

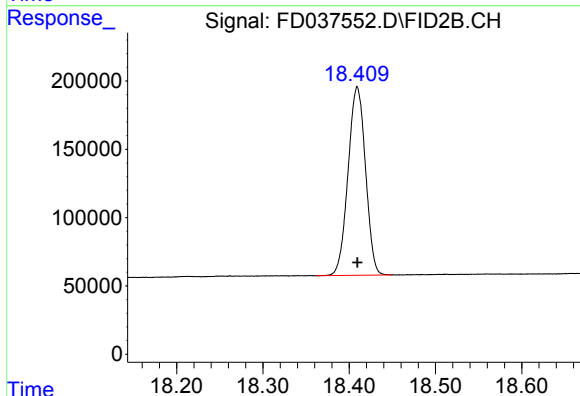
R.T.: 16.701 min
Delta R.T.: 0.001 min
Response: 1922622
Conc: 18.15 ug/ml



#17 n-Tricontane (C30)

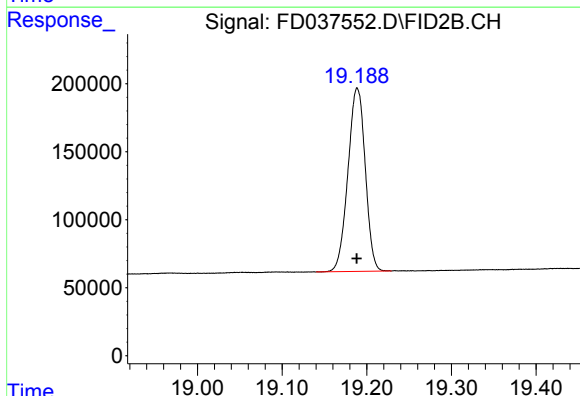
R.T.: 17.582 min
Delta R.T.: 0.000 min
Response: 1944543
Conc: 18.47 ug/ml

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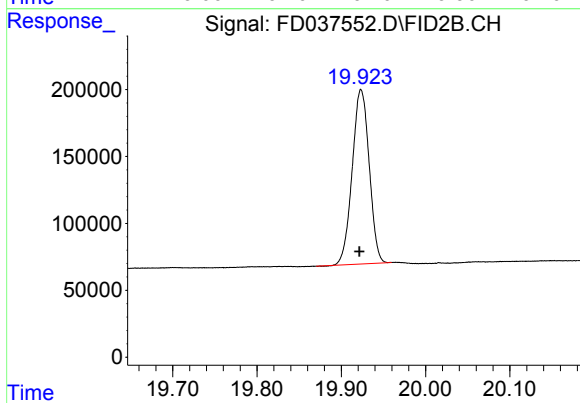
#18 n-Dotriacontane (C32)

R.T.: 18.409 min
Delta R.T.: 0.000 min
Response: 1936319
Conc: 18.59 ug/ml



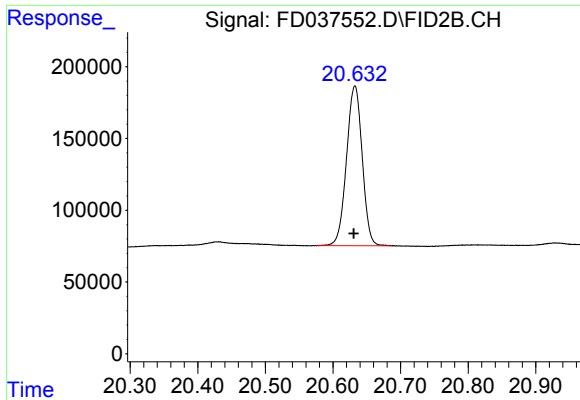
#19 n-Tetratriacontane (C34)

R.T.: 19.189 min
Delta R.T.: 0.000 min
Response: 1914215
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

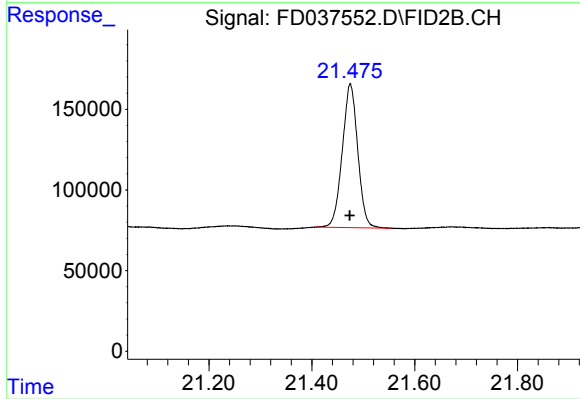
R.T.: 19.923 min
Delta R.T.: 0.002 min
Response: 1824973
Conc: 18.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.633 min
Delta R.T.: 0.002 min
Response: 1796271
Conc: 19.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.475 min
Delta R.T.: 0.001 min
Response: 1857389
Conc: 19.29 ug/ml