

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051921AL\
 Data File : FD037555.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2021 11:24
 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 20 01:42:06 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	2255561	19.234 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.891	1731221	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.261	2009183	19.913 ug/ml
2) T n-Decane (C10)	4.322	2032120	20.029 ug/ml
3) T A~Naphthalene (C11.7)	5.895	2298384	20.185 ug/ml
4) T n-Dodecane (C12)	6.332	2080294	20.123 ug/ml
5) T A~2-methylnaphthalene...	6.948	2336249	20.180 ug/ml
6) T n-Tetradecane (C14)	8.118	2089216	20.045 ug/ml
7) T n-Hexadecane (C16)	9.712	2049613	19.864 ug/ml
8) T n-Octadecane (C18)	11.147	2116365	19.588 ug/ml
10) T n-Eicosane (C20)	12.450	2097020	19.241 ug/ml
11) T n-Heneicosane (C21)	13.059	2075093	19.061 ug/ml
13) T n-Docosane (C22)	13.642	2049750	18.869 ug/ml
14) T n-Tetracosane (C24)	14.740	2013357	18.581 ug/ml
15) T n-Hexacosane (C26)	15.754	1965801	18.455 ug/ml
16) T n-Octacosane (C28)	16.699	1953462	18.438 ug/ml
17) T n-Tricontane (C30)	17.581	1975861	18.768 ug/ml
18) T n-Dotriacontane (C32)	18.409	1964127	18.856 ug/ml
19) T n-Tetratriacontane (C34)	19.188	1940949	19.096 ug/ml
20) T n-Hexatriacontane (C36)	19.923	1846274	18.928 ug/ml
21) T n-Octatriacontane (C38)	20.632	1800844	19.588 ug/ml
22) T n-Tetracontane (C40)	21.473	1855443	19.269 ug/ml

(f)=RT Delta > 1/2 Window

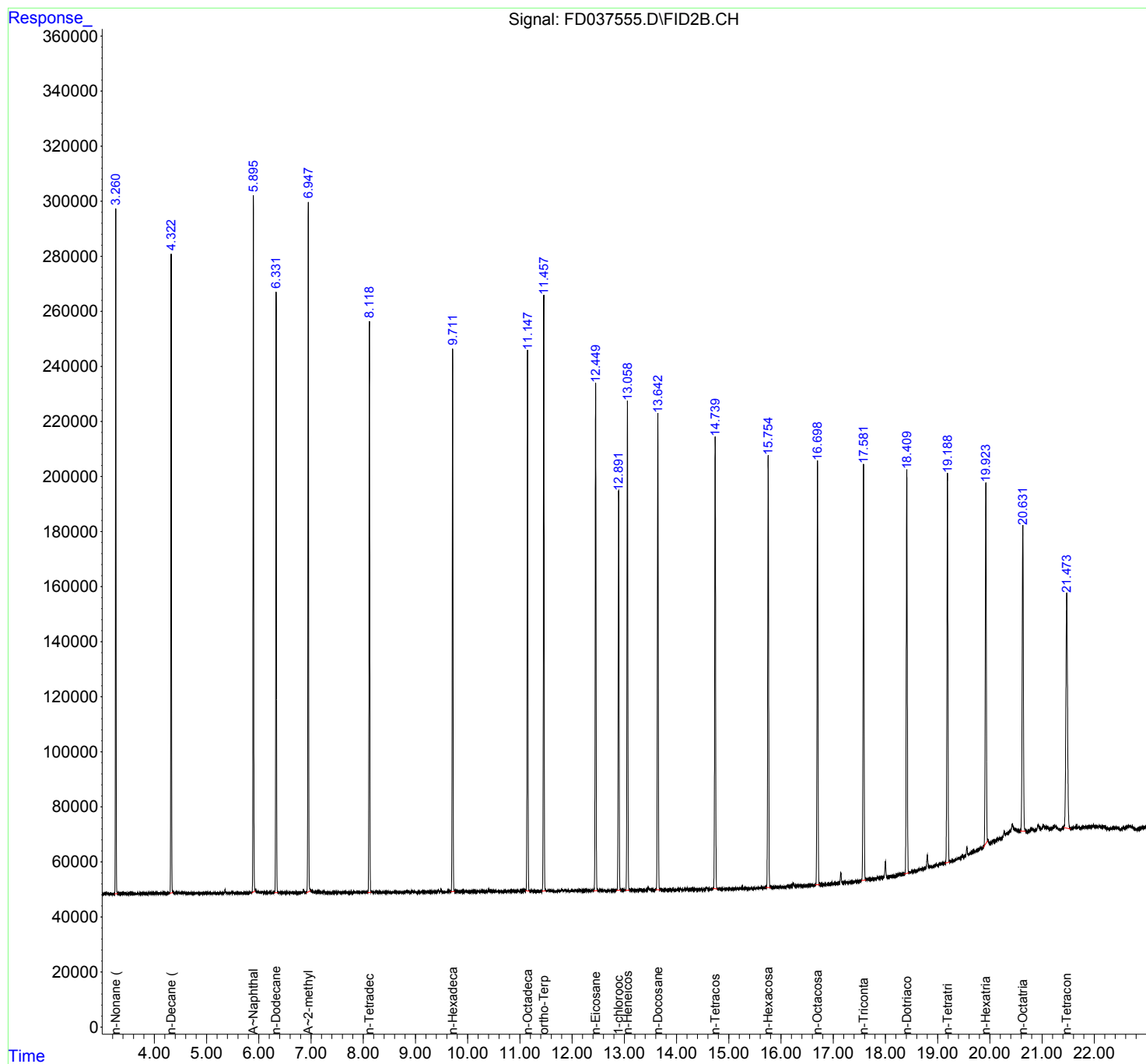
(m)=manual int.

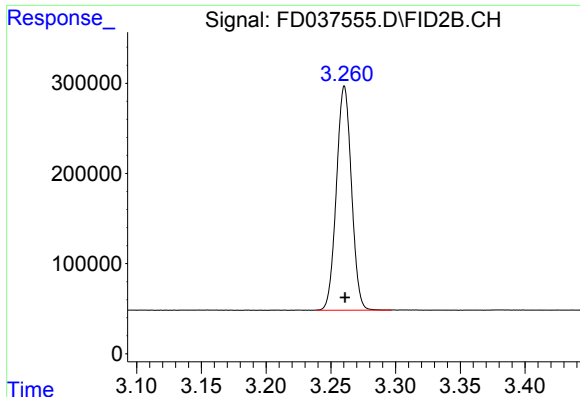
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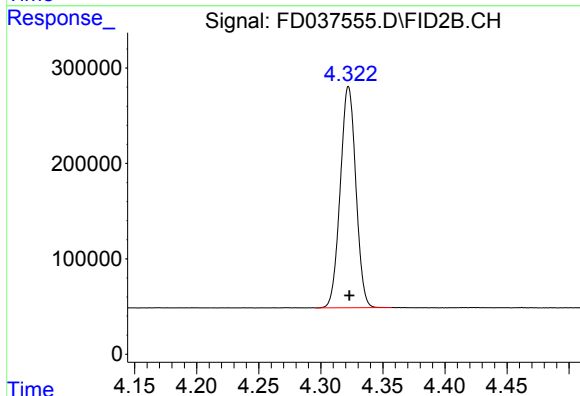




#1 n-Nonane (C9)

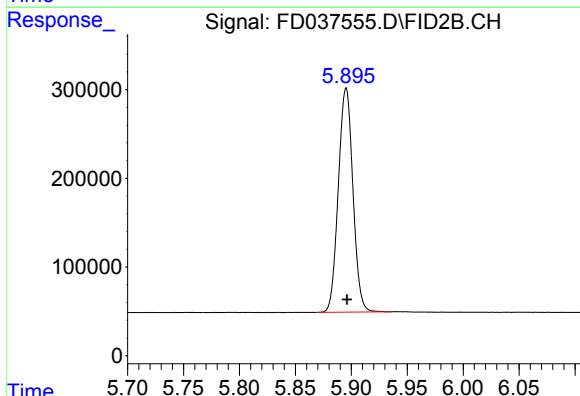
R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 2009183
Conc: 19.91 ug/ml

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20 PPM ALIPHATIC HC STD



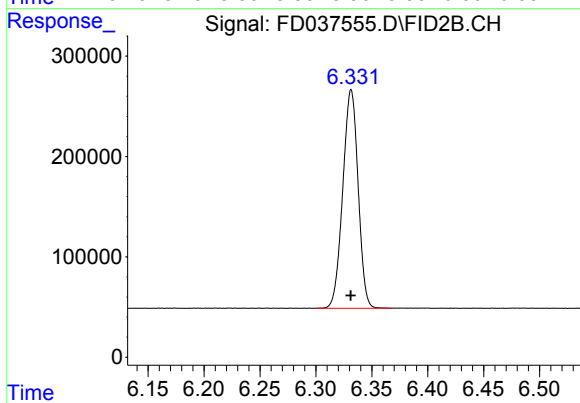
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 2032120
Conc: 20.03 ug/ml



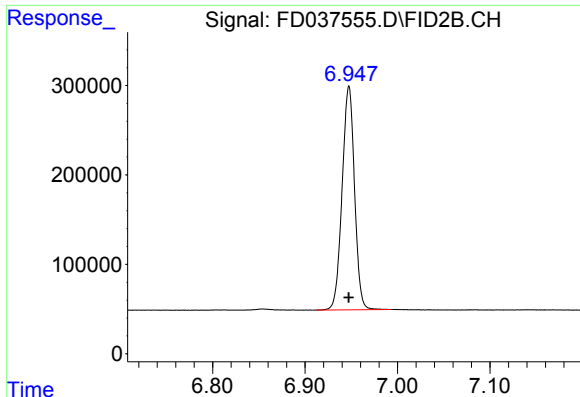
#3 A~Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2298384
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

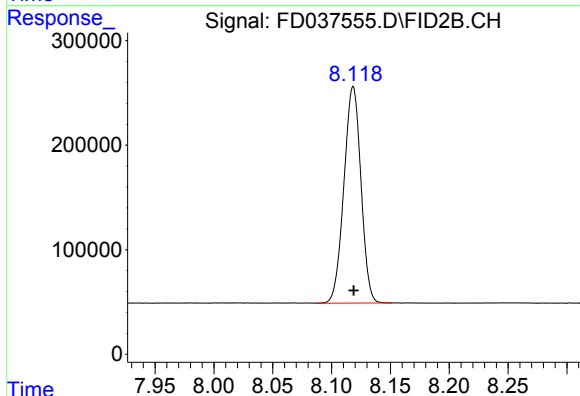
R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2080294
Conc: 20.12 ug/ml



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

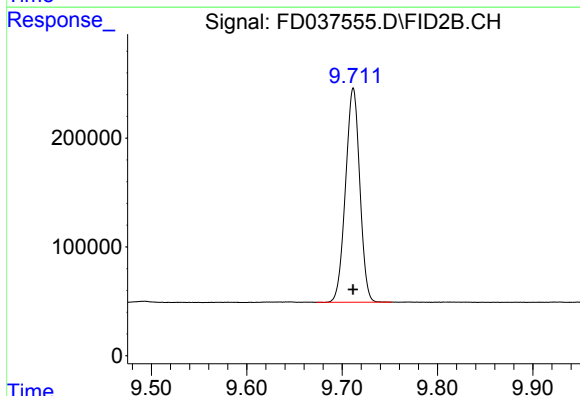
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 2336249
Conc: 20.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



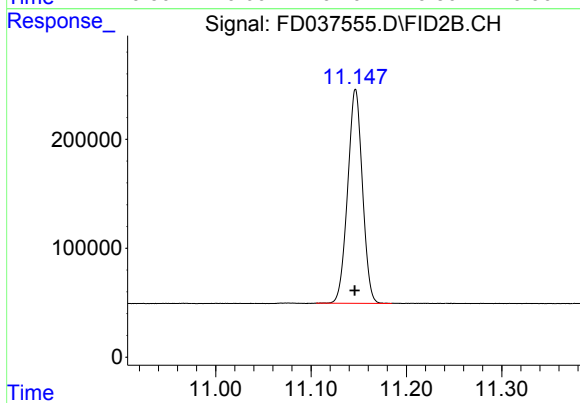
#6 n-Tetradecane (C14)

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 2089216
Conc: 20.05 ug/ml



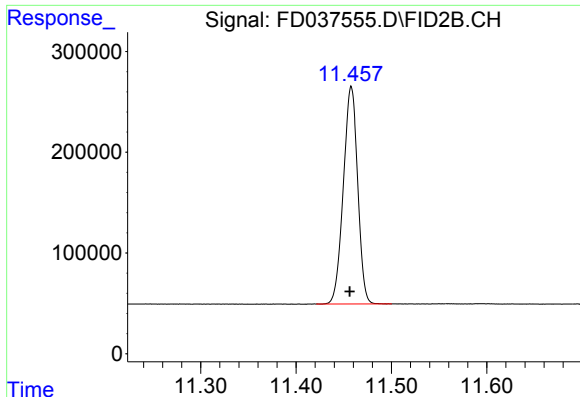
#7 n-Hexadecane (C16)

R.T.: 9.712 min
Delta R.T.: 0.000 min
Response: 2049613
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

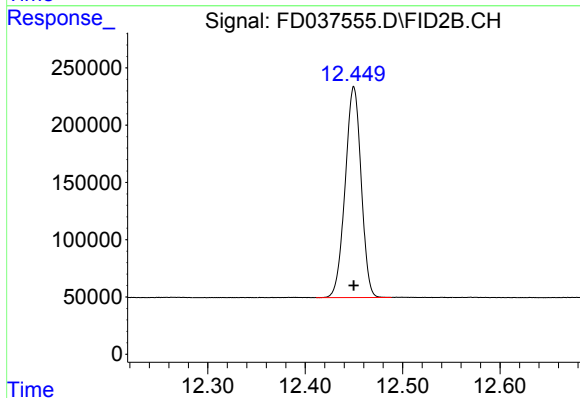
R.T.: 11.147 min
Delta R.T.: 0.000 min
Response: 2116365
Conc: 19.59 ug/ml



#9 ortho-Terphenyl (SURR)

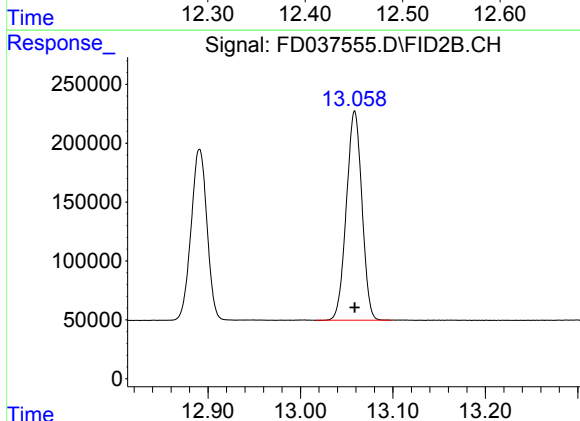
R.T.: 11.458 min
Delta R.T.: 0.001 min
Response: 2255561
Conc: 19.23 ug/ml

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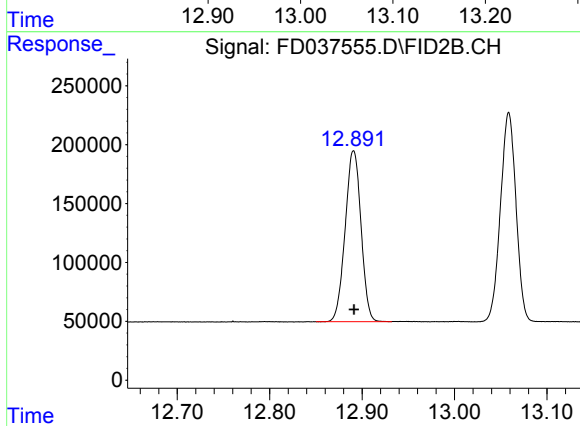
#10 n-Eicosane (C20)

R.T.: 12.450 min
Delta R.T.: 0.000 min
Response: 2097020
Conc: 19.24 ug/ml



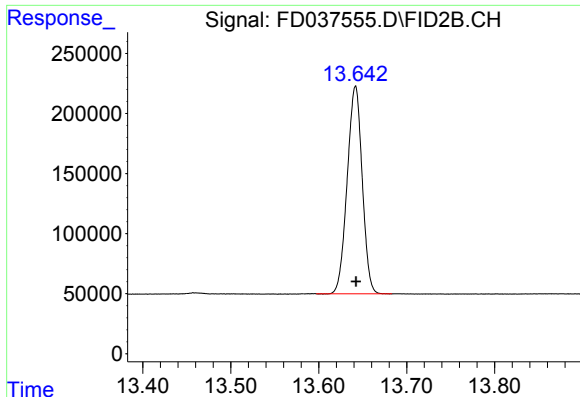
#11 n-Heneicosane (C21)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 2075093
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

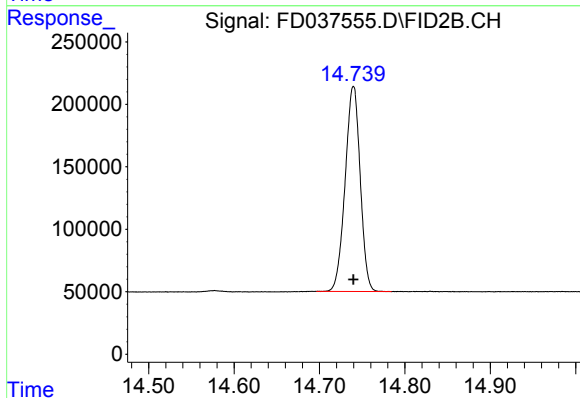
R.T.: 12.891 min
Delta R.T.: 0.000 min
Response: 1731221
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

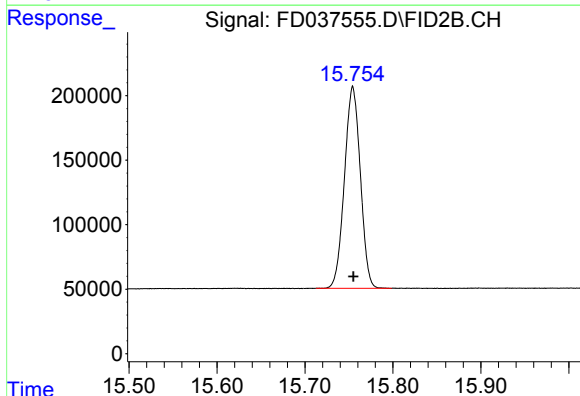
R.T.: 13.642 min
Delta R.T.: 0.000 min
Response: 2049750
Conc: 18.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



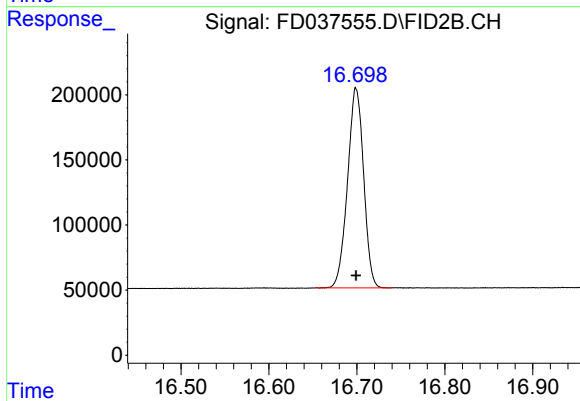
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2013357
Conc: 18.58 ug/ml



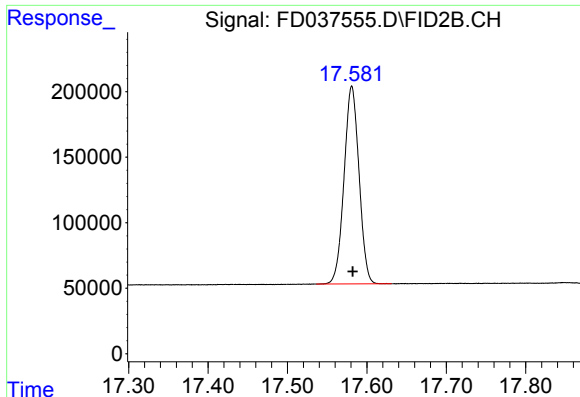
#15 n-Hexacosane (C26)

R.T.: 15.754 min
Delta R.T.: 0.000 min
Response: 1965801
Conc: 18.45 ug/ml



#16 n-Octacosane (C28)

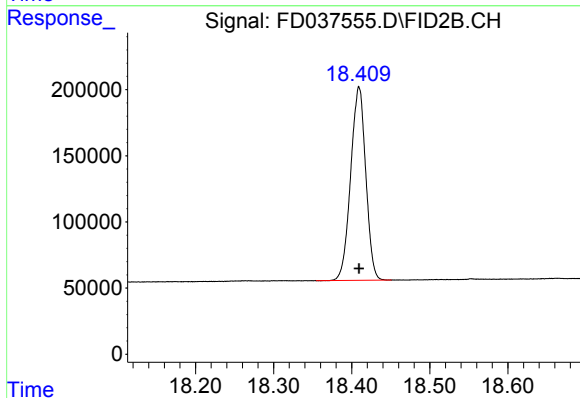
R.T.: 16.699 min
Delta R.T.: 0.000 min
Response: 1953462
Conc: 18.44 ug/ml



#17 n-Tricontane (C30)

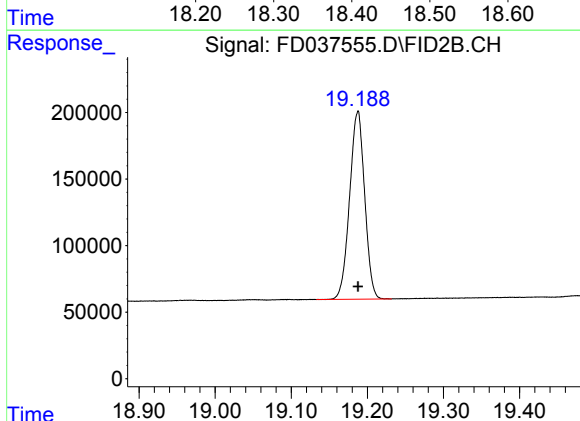
R.T.: 17.581 min
Delta R.T.: -0.001 min
Response: 1975861
Conc: 18.77 ug/ml

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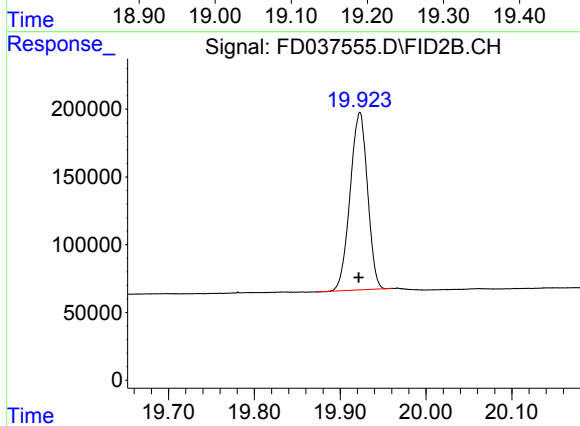
#18 n-Dotriacontane (C32)

R.T.: 18.409 min
Delta R.T.: 0.000 min
Response: 1964127
Conc: 18.86 ug/ml



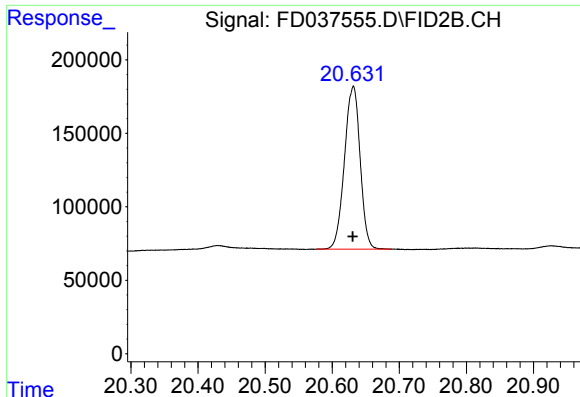
#19 n-Tetratriacontane (C34)

R.T.: 19.188 min
Delta R.T.: 0.000 min
Response: 1940949
Conc: 19.10 ug/ml



#20 n-Hexatriacontane (C36)

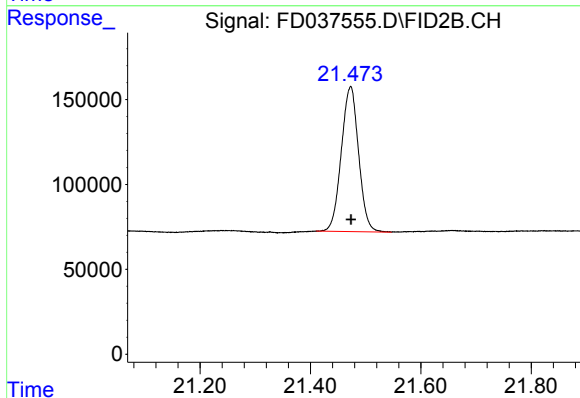
R.T.: 19.923 min
Delta R.T.: 0.002 min
Response: 1846274
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.632 min
Delta R.T.: 0.000 min
Response: 1800844
Conc: 19.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.473 min
Delta R.T.: 0.000 min
Response: 1855443
Conc: 19.27 ug/ml