

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052821AL\
 Data File : FD037628.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2021 11:33
 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 28 22:53:42 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)	11.459	2359524	20.121 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	12.893	1787735	19.674 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T n-Nonane (C9)	3.258	2299449	22.790 ug/ml
2) T n-Decane (C10)	4.320	2325740	22.923 ug/ml
3) T A~Naphthalene (C11.7)	5.894	2581075	22.667 ug/ml
4) T n-Dodecane (C12)	6.330	2375961	22.983 ug/ml
5) T A~2-methylnaphthalene...	6.948	2600501	22.463 ug/ml
6) T n-Tetradecane (C14)	8.118	2357506	22.620 ug/ml
7) T n-Hexadecane (C16)	9.712	2264588	21.947 ug/ml
8) T n-Octadecane (C18)	11.147	2278126	21.085 ug/ml
10) T n-Eicosane (C20)	12.452	2204522	20.228 ug/ml
11) T n-Heneicosane (C21)	13.061	2160818	19.849 ug/ml
13) T n-Docosane (C22)	13.645	2120229	19.517 ug/ml
14) T n-Tetracosane (C24)	14.743	2060257	19.014 ug/ml
15) T n-Hexacosane (C26)	15.759	2006643	18.838 ug/ml
16) T n-Octacosane (C28)	16.703	1999095	18.868 ug/ml
17) T n-Tricontane (C30)	17.587	2006013	19.054 ug/ml
18) T n-Dotriacontane (C32)	18.415	1997857	19.180 ug/ml
19) T n-Tetratriacontane (C34)	19.193	1986790	19.547 ug/ml
20) T n-Hexatriacontane (C36)	19.931	1892701	19.404 ug/ml
21) T n-Octatriacontane (C38)	20.640	1857149	20.201 ug/ml
22) T n-Tetracontane (C40)	21.483	1879760	19.521 ug/ml

(f)=RT Delta > 1/2 Window

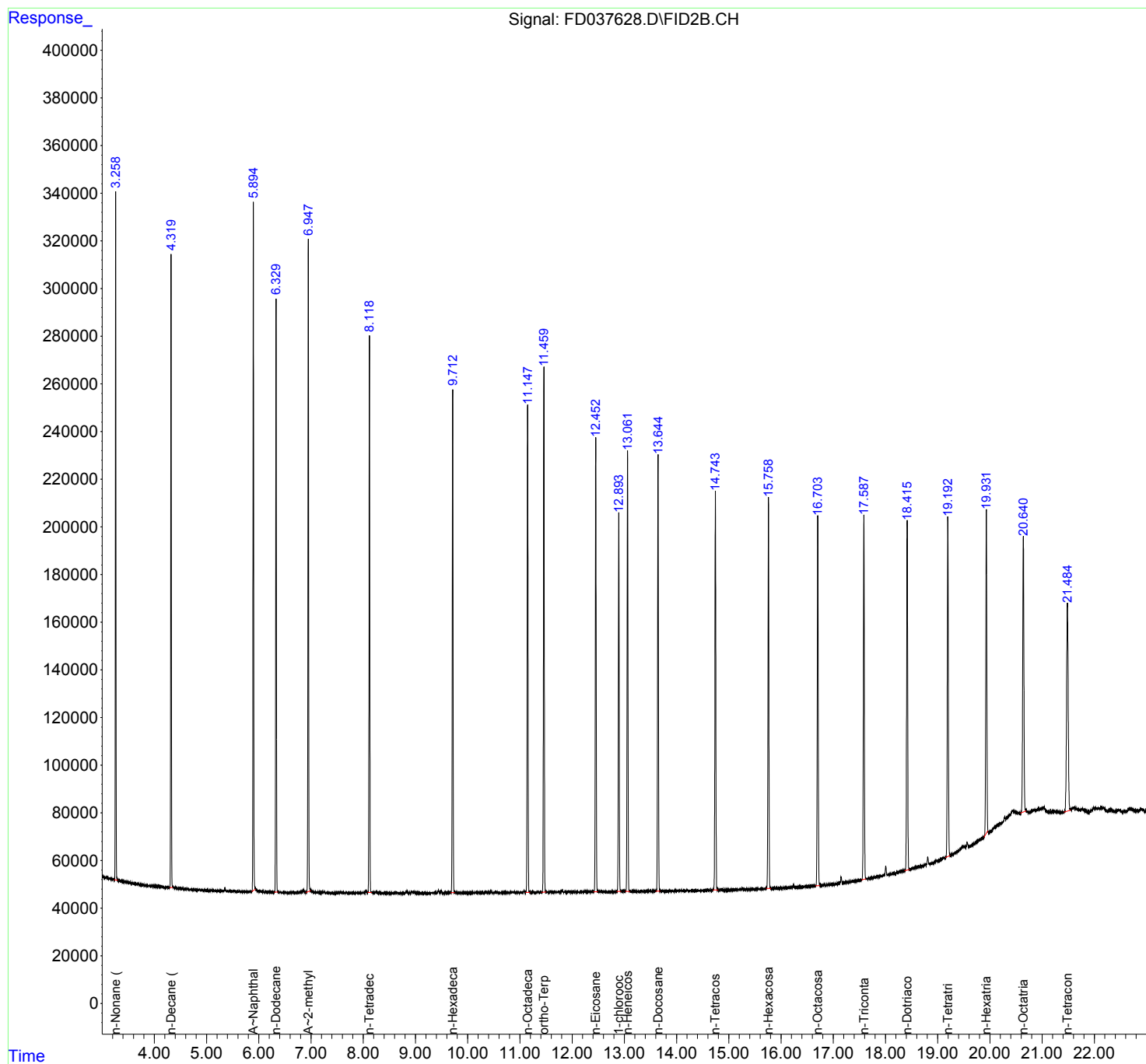
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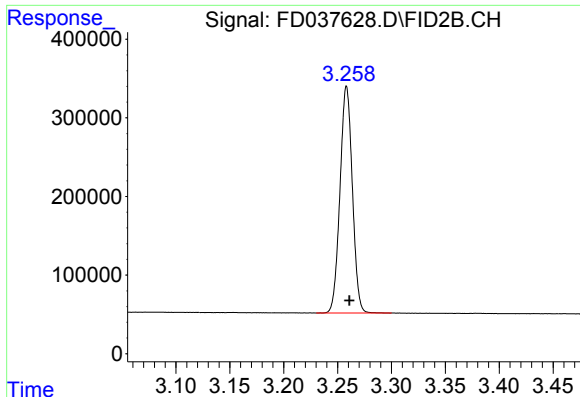
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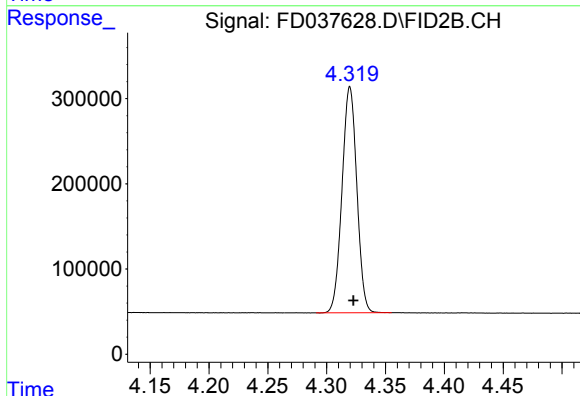




#1 n-Nonane (C9)

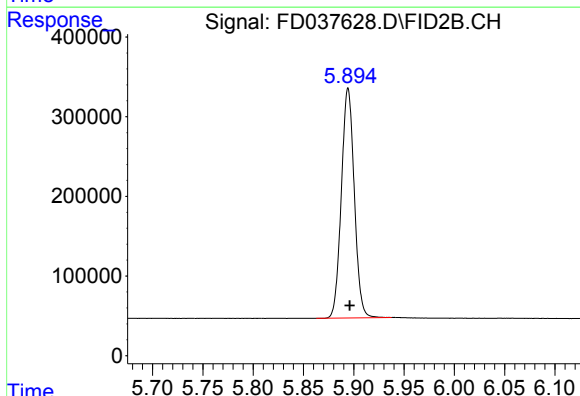
R.T.: 3.258 min
Delta R.T.: -0.003 min
Response: 2299449
Conc: 22.79 ug/ml

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20 PPM ALIPHATIC HC STD



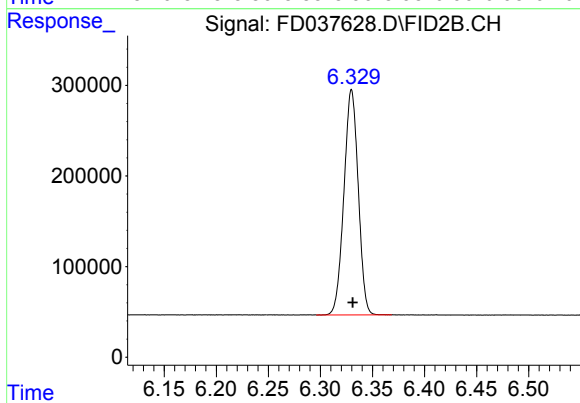
#2 n-Decane (C10)

R.T.: 4.320 min
Delta R.T.: -0.003 min
Response: 2325740
Conc: 22.92 ug/ml



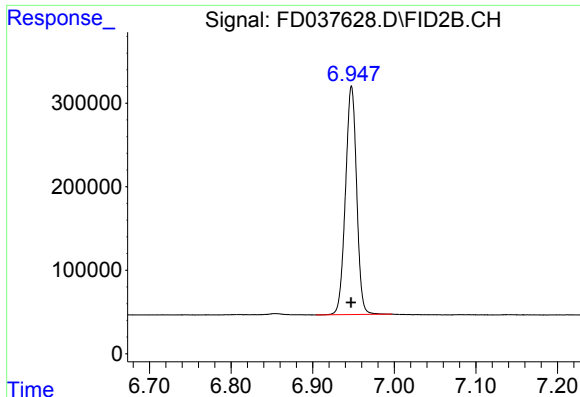
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 2581075
Conc: 22.67 ug/ml



#4 n-Dodecane (C12)

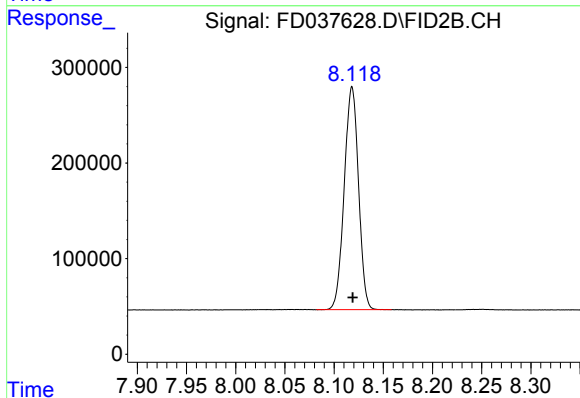
R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 2375961
Conc: 22.98 ug/ml



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

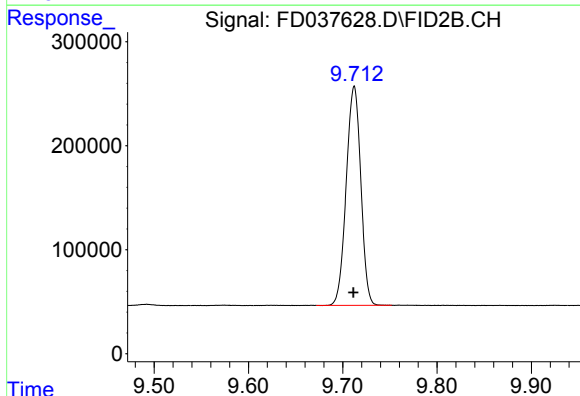
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 2600501
Conc: 22.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



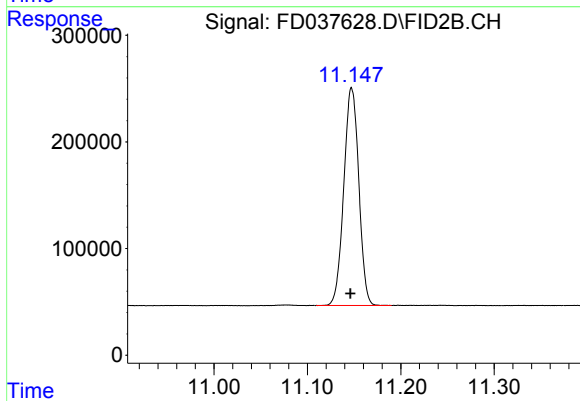
#6 n-Tetradecane (C14)

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 2357506
Conc: 22.62 ug/ml



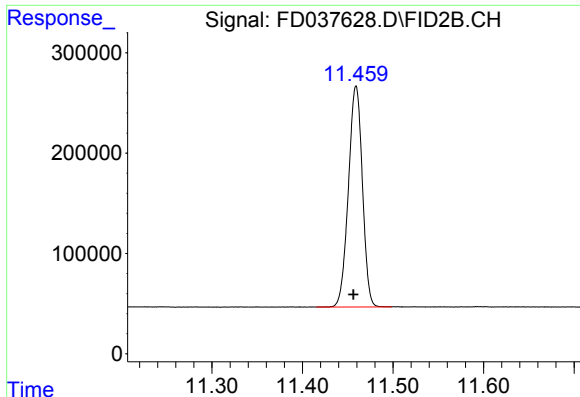
#7 n-Hexadecane (C16)

R.T.: 9.712 min
Delta R.T.: 0.000 min
Response: 2264588
Conc: 21.95 ug/ml



#8 n-Octadecane (C18)

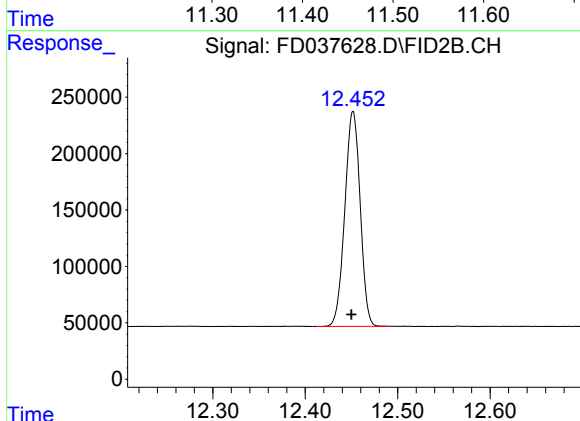
R.T.: 11.147 min
Delta R.T.: 0.001 min
Response: 2278126
Conc: 21.08 ug/ml



#9 ortho-Terphenyl (SURR)

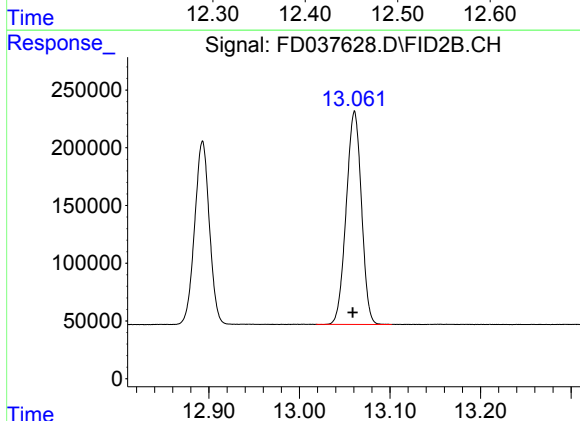
R.T.: 11.459 min
Delta R.T.: 0.003 min
Response: 2359524
Conc: 20.12 ug/ml

Instrument :
FID_D
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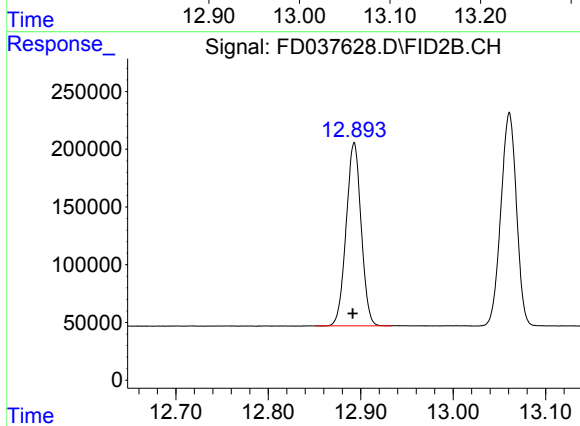
#10 n-Eicosane (C20)

R.T.: 12.452 min
Delta R.T.: 0.002 min
Response: 2204522
Conc: 20.23 ug/ml



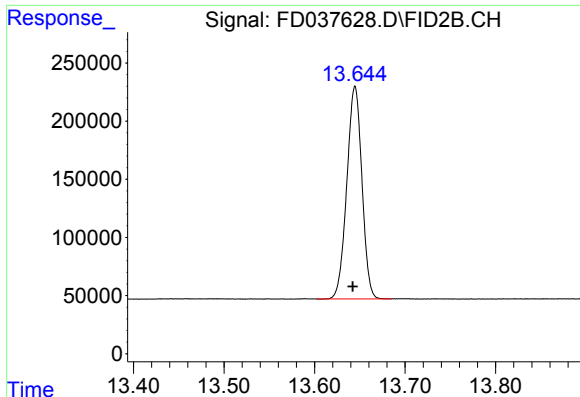
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 2160818
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

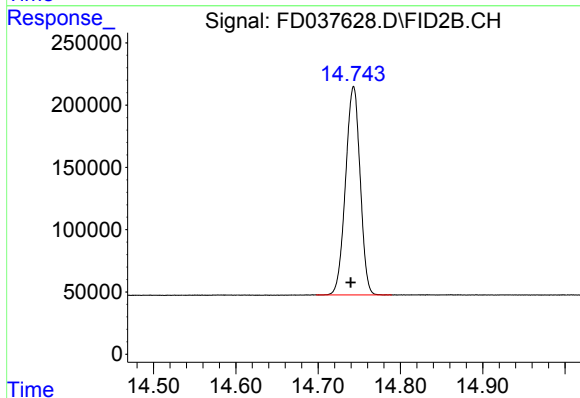
R.T.: 12.893 min
Delta R.T.: 0.002 min
Response: 1787735
Conc: 19.67 ug/ml



#13 n-Docosane (C22)

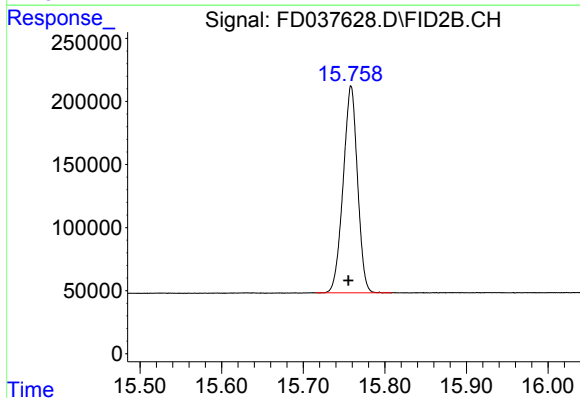
R.T.: 13.645 min
Delta R.T.: 0.002 min
Response: 2120229
Conc: 19.52 ug/ml

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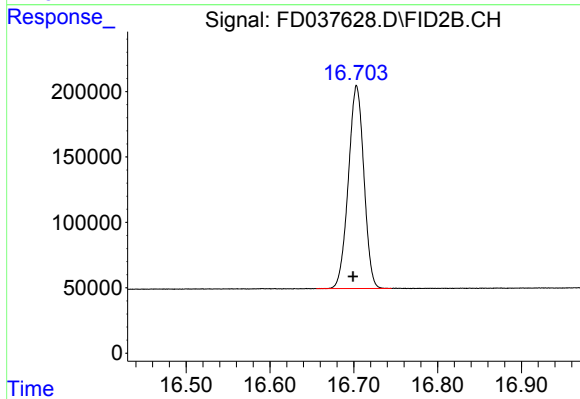
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: 0.003 min
Response: 2060257
Conc: 19.01 ug/ml



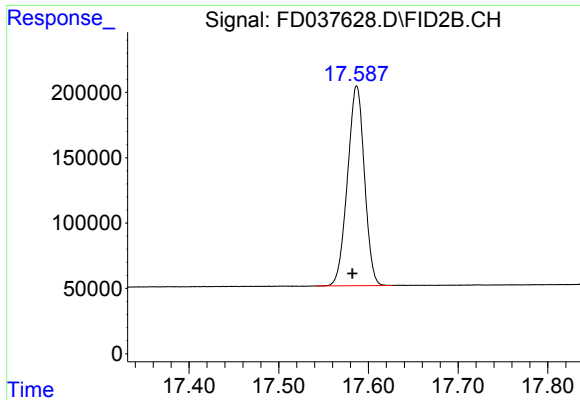
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: 0.004 min
Response: 2006643
Conc: 18.84 ug/ml



#16 n-Octacosane (C28)

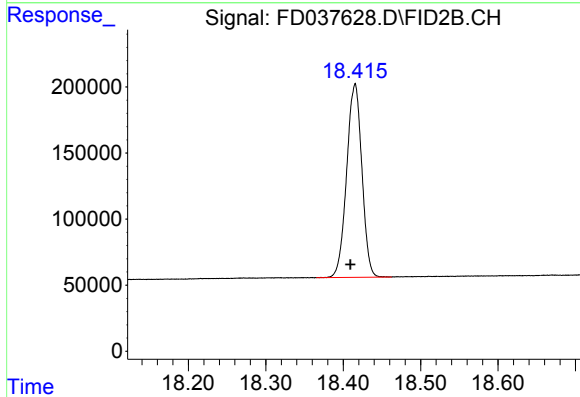
R.T.: 16.703 min
Delta R.T.: 0.004 min
Response: 1999095
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

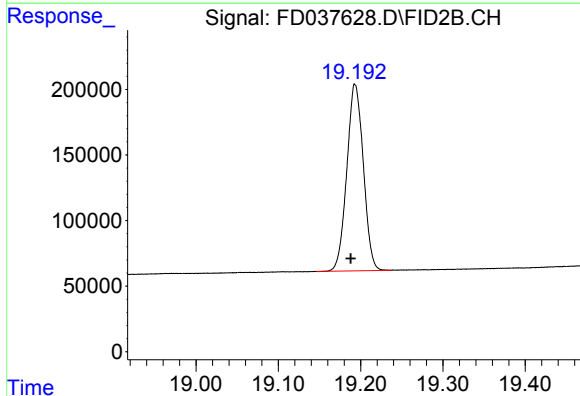
R.T.: 17.587 min
Delta R.T.: 0.005 min
Response: 2006013
Conc: 19.05 ug/ml

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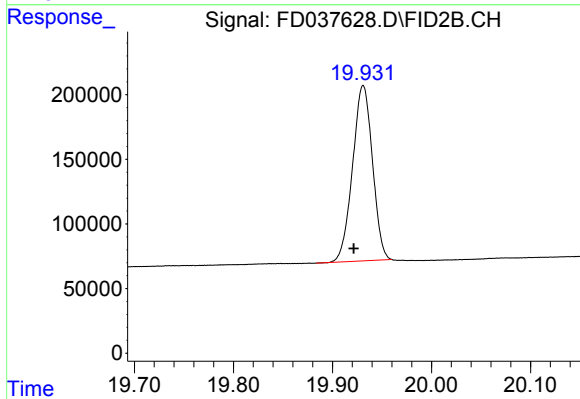
#18 n-Dotriacontane (C32)

R.T.: 18.415 min
Delta R.T.: 0.006 min
Response: 1997857
Conc: 19.18 ug/ml



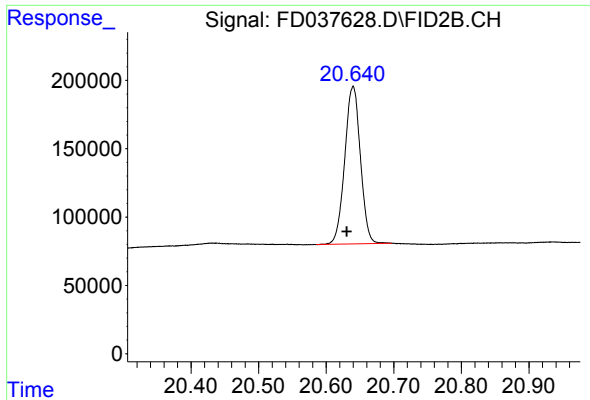
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: 0.005 min
Response: 1986790
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

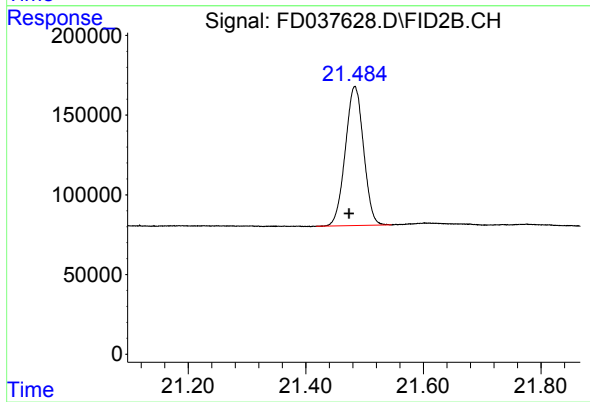
R.T.: 19.931 min
Delta R.T.: 0.010 min
Response: 1892701
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.640 min
Delta R.T.: 0.009 min
Response: 1857149
Conc: 20.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.483 min
Delta R.T.: 0.010 min
Response: 1879760
Conc: 19.52 ug/ml