

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010722AL\
 Data File : FE034654.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jan 2022 9:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 07 22:46:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 07 12:52:40 2022
 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)	11.098	2865075	20.710 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
12) S 1-chlorooctadecane (S...	12.530	2201735	20.911 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
Target Compounds			
1) T n-Nonane (C9)	2.937	2372235	20.346 ug/ml
2) T n-Decane (C10)	3.969	2410742	20.390 ug/ml
3) T A~Naphthalene (C11.7)	5.532	2692674	20.408 ug/ml
4) T n-Dodecane (C12)	5.966	2433112	20.440 ug/ml
5) T A~2-methylnaphthalene...	6.580	2725649	20.465 ug/ml
6) T n-Tetradecane (C14)	7.753	2493792	20.541 ug/ml
7) T n-Hexadecane (C16)	9.348	2514766	20.646 ug/ml
8) T n-Octadecane (C18)	10.784	2590631	20.776 ug/ml
10) T n-Eicosane (C20)	12.089	2573203	20.865 ug/ml
11) T n-Heneicosane (C21)	12.699	2604341	20.924 ug/ml
13) T n-Docosane (C22)	13.283	2583150	20.952 ug/ml
14) T n-Tetracosane (C24)	14.380	2589634	21.045 ug/ml
15) T n-Hexacosane (C26)	15.398	2526246	21.201 ug/ml
16) T n-Octacosane (C28)	16.344	2472269	21.383 ug/ml
17) T n-Tricontane (C30)	17.229	2367812	21.691 ug/ml
18) T n-Dotriacontane (C32)	18.058	2081571	21.711 ug/ml
19) T n-Tetratriacontane (C34)	18.838	1764982	21.283 ug/ml
20) T n-Hexatriacontane (C36)	19.575	1419845	20.792 ug/ml
21) T n-Octatriacontane (C38)	20.285	1179322	20.460 ug/ml
22) T n-Tetracontane (C40)	21.127	1018710	20.376 ug/ml

(f)=RT Delta > 1/2 Window

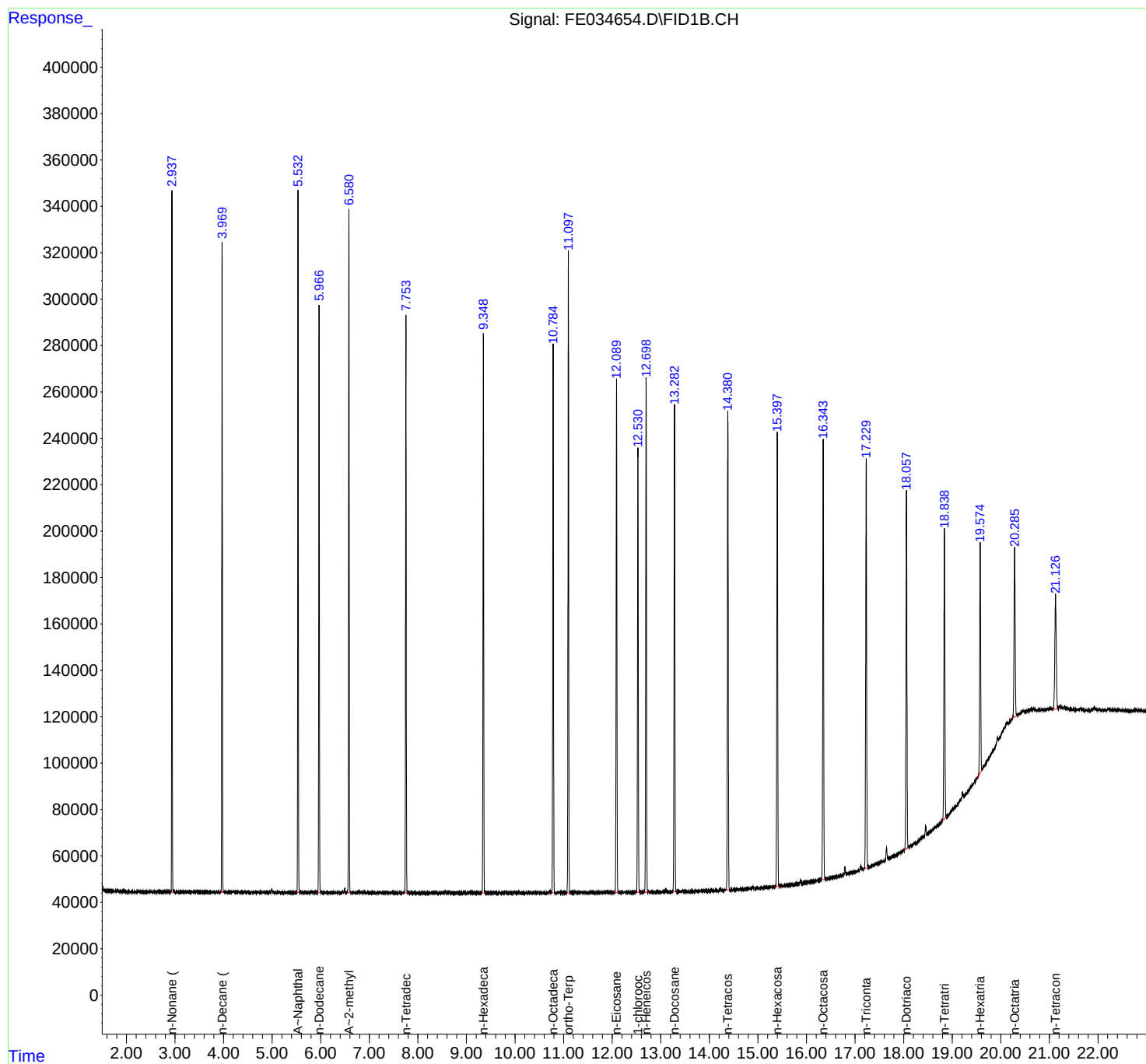
(m)=manual int.

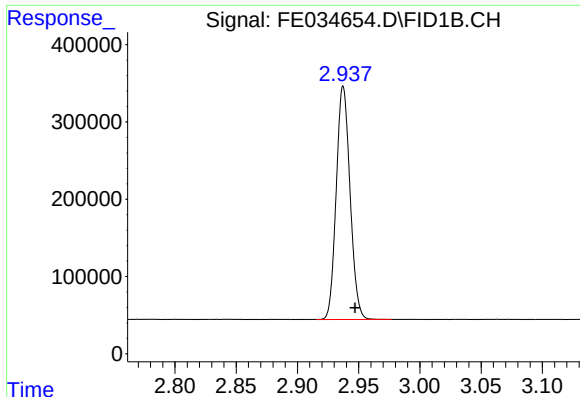
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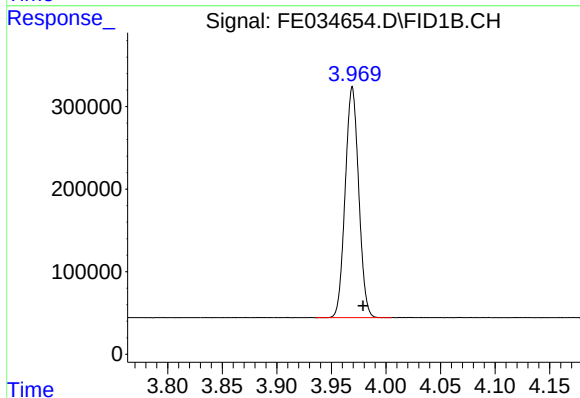




#1 n-Nonane (C9)

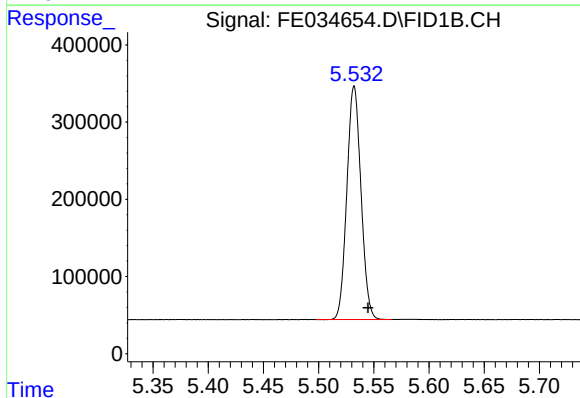
R.T.: 2.937 min
Delta R.T.: -0.010 min
Response: 2372235
Conc: 20.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



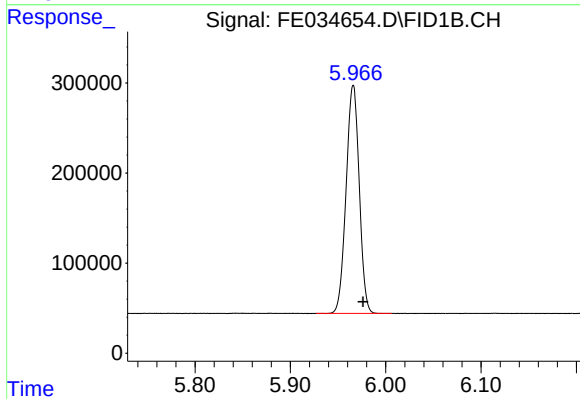
#2 n-Decane (C10)

R.T.: 3.969 min
Delta R.T.: -0.010 min
Response: 2410742
Conc: 20.39 ug/ml



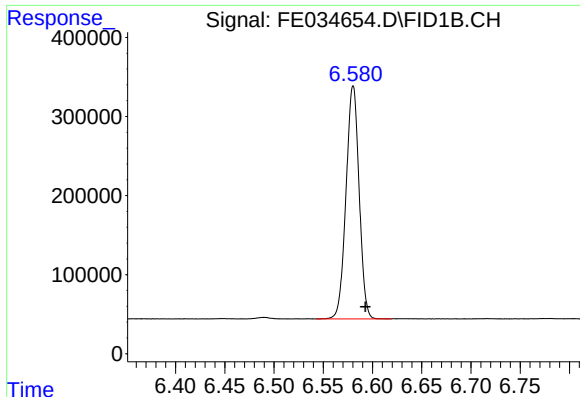
#3 A~Naphthalene (C11.7)

R.T.: 5.532 min
Delta R.T.: -0.013 min
Response: 2692674
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

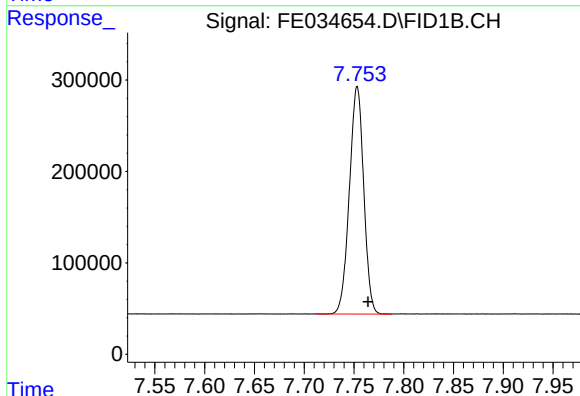
R.T.: 5.966 min
Delta R.T.: -0.010 min
Response: 2433112
Conc: 20.44 ug/ml



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

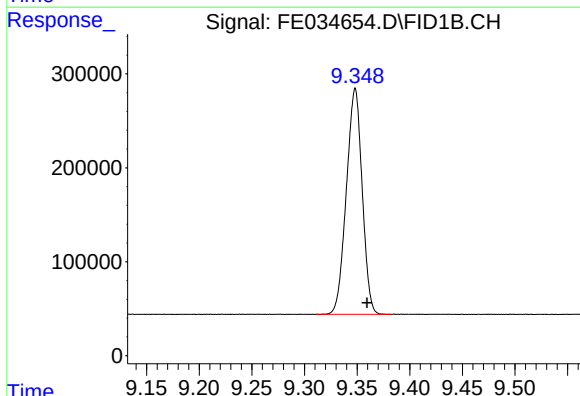
R.T.: 6.580 min
Delta R.T.: -0.013 min
Response: 2725649
Conc: 20.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



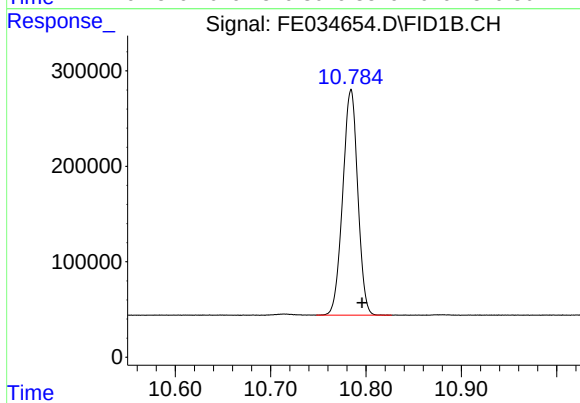
#6 n-Tetradecane (C14)

R.T.: 7.753 min
Delta R.T.: -0.011 min
Response: 2493792
Conc: 20.54 ug/ml



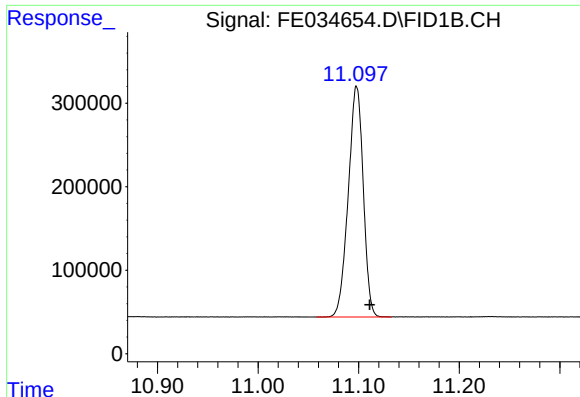
#7 n-Hexadecane (C16)

R.T.: 9.348 min
Delta R.T.: -0.011 min
Response: 2514766
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

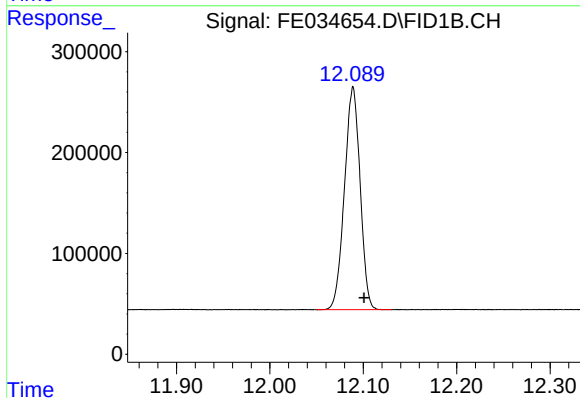
R.T.: 10.784 min
Delta R.T.: -0.012 min
Response: 2590631
Conc: 20.78 ug/ml



#9 ortho-Terphenyl (SURR)

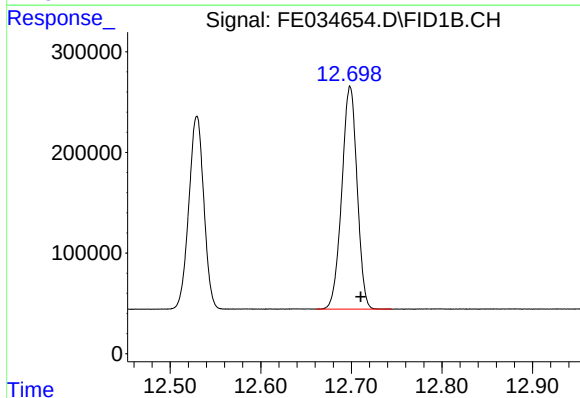
R.T.: 11.098 min
Delta R.T.: -0.013 min
Response: 2865075
Conc: 20.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



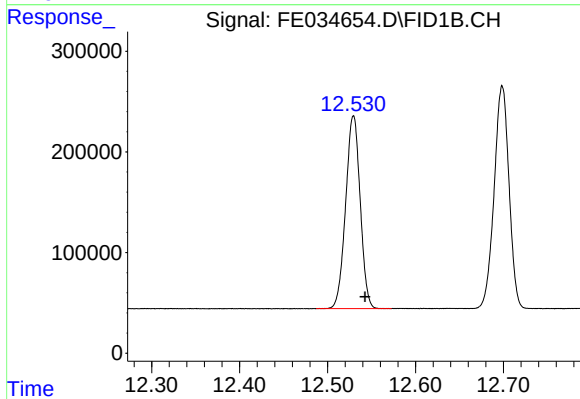
#10 n-Eicosane (C20)

R.T.: 12.089 min
Delta R.T.: -0.012 min
Response: 2573203
Conc: 20.86 ug/ml



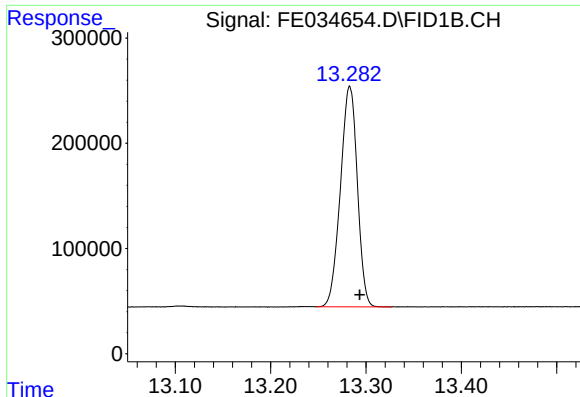
#11 n-Heneicosane (C21)

R.T.: 12.699 min
Delta R.T.: -0.012 min
Response: 2604341
Conc: 20.92 ug/ml



#12 1-chlorooctadecane (SURR)

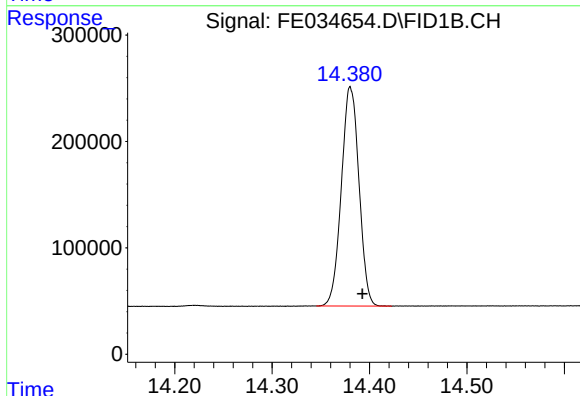
R.T.: 12.530 min
Delta R.T.: -0.013 min
Response: 2201735
Conc: 20.91 ug/ml



#13 n-Docosane (C22)

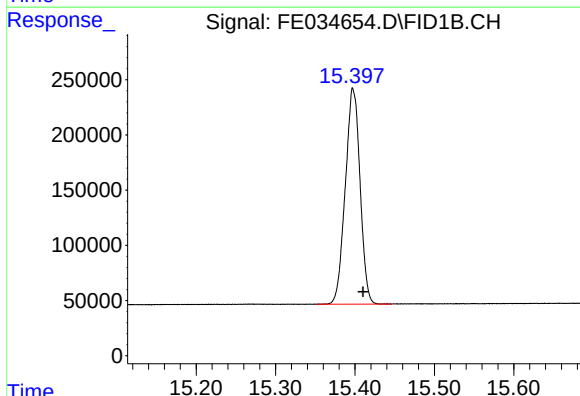
R.T.: 13.283 min
Delta R.T.: -0.010 min
Response: 2583150
Conc: 20.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



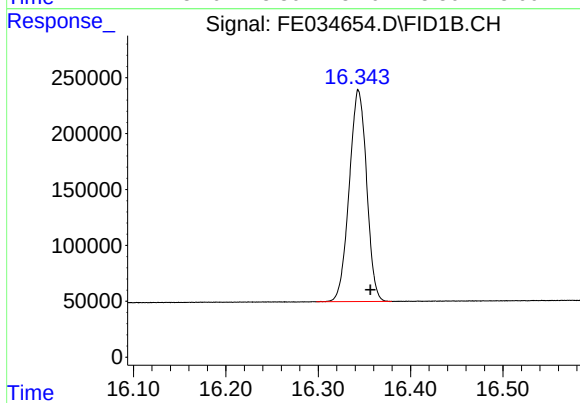
#14 n-Tetracosane (C24)

R.T.: 14.380 min
Delta R.T.: -0.013 min
Response: 2589634
Conc: 21.04 ug/ml



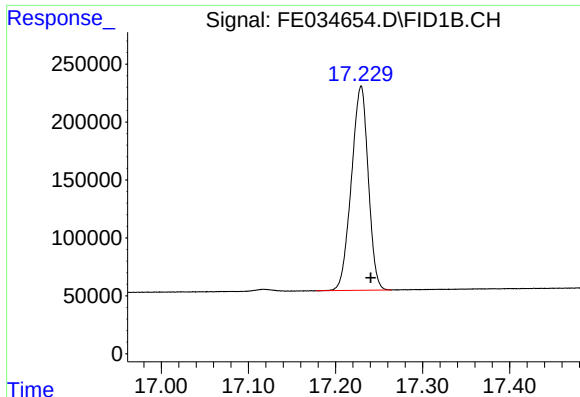
#15 n-Hexacosane (C26)

R.T.: 15.398 min
Delta R.T.: -0.013 min
Response: 2526246
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

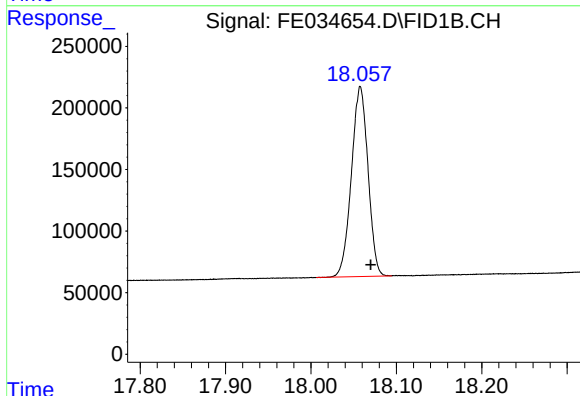
R.T.: 16.344 min
Delta R.T.: -0.013 min
Response: 2472269
Conc: 21.38 ug/ml



#17 n-Tricontane (C30)

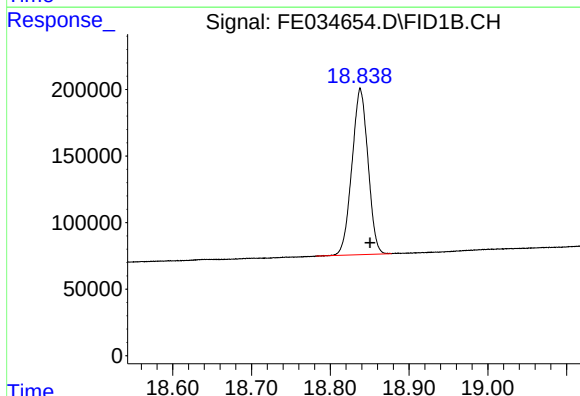
R.T.: 17.229 min
Delta R.T.: -0.011 min
Response: 2367812
Conc: 21.69 ug/ml

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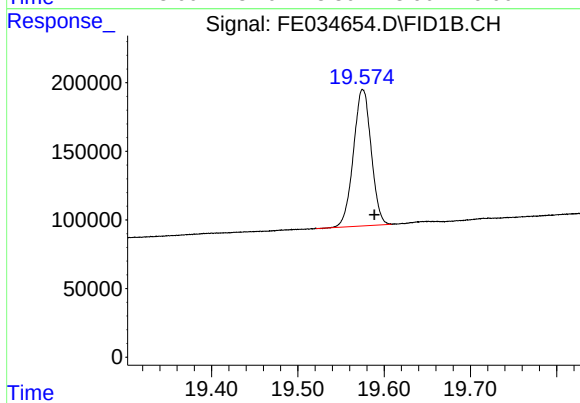
#18 n-Dotriacontane (C32)

R.T.: 18.058 min
Delta R.T.: -0.012 min
Response: 2081571
Conc: 21.71 ug/ml



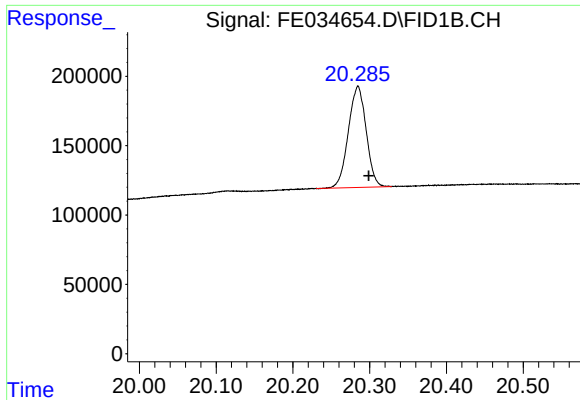
#19 n-Tetratriacontane (C34)

R.T.: 18.838 min
Delta R.T.: -0.013 min
Response: 1764982
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

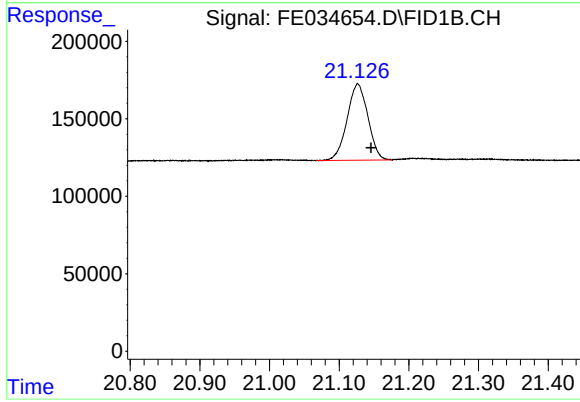
R.T.: 19.575 min
Delta R.T.: -0.014 min
Response: 1419845
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.285 min
Delta R.T.: -0.014 min
Response: 1179322
Conc: 20.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.127 min
Delta R.T.: -0.019 min
Response: 1018710
Conc: 20.38 ug/ml