

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061021AL\
 Data File : FC054182.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2021 19:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 11 04:50:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.354	3082518	20.298 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	12.797	2399935	20.373 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	3.165	2628813	20.428 ug/ml
2) T n-Decane (C10)	4.219	2642721	20.616 ug/ml
3) T A~Naphthalene (C11.7)	5.785	2965451	20.530 ug/ml
4) T n-Dodecane (C12)	6.226	2680290	20.440 ug/ml
5) T A~2-methylnaphthalene...	6.837	2971856	20.585 ug/ml
6) T n-Tetradecane (C14)	8.015	2701246	20.374 ug/ml
7) T n-Hexadecane (C16)	9.611	2775238	20.516 ug/ml
8) T n-Octadecane (C18)	11.050	2852854	20.440 ug/ml
10) T n-Eicosane (C20)	12.356	2825300	20.348 ug/ml
11) T n-Heneicosane (C21)	12.966	2853725	20.429 ug/ml
13) T n-Docosane (C22)	13.551	2823315	20.404 ug/ml
14) T n-Tetracosane (C24)	14.652	2803003	20.354 ug/ml
15) T n-Hexacosane (C26)	15.671	2723642	20.221 ug/ml
16) T n-Octacosane (C28)	16.620	2672697	20.170 ug/ml
17) T n-Tricontane (C30)	17.506	2583077	20.097 ug/ml
18) T n-Dotriacontane (C32)	18.338	2456554	19.966 ug/ml
19) T n-Tetratriacontane (C34)	19.121	2340149	20.004 ug/ml
20) T n-Hexatriacontane (C36)	19.860	2216177	20.078 ug/ml
21) T n-Octatriacontane (C38)	20.567	2046012	20.015 ug/ml
22) T n-Tetracontane (C40)	21.397	2079450	19.434 ug/ml

(f)=RT Delta > 1/2 Window

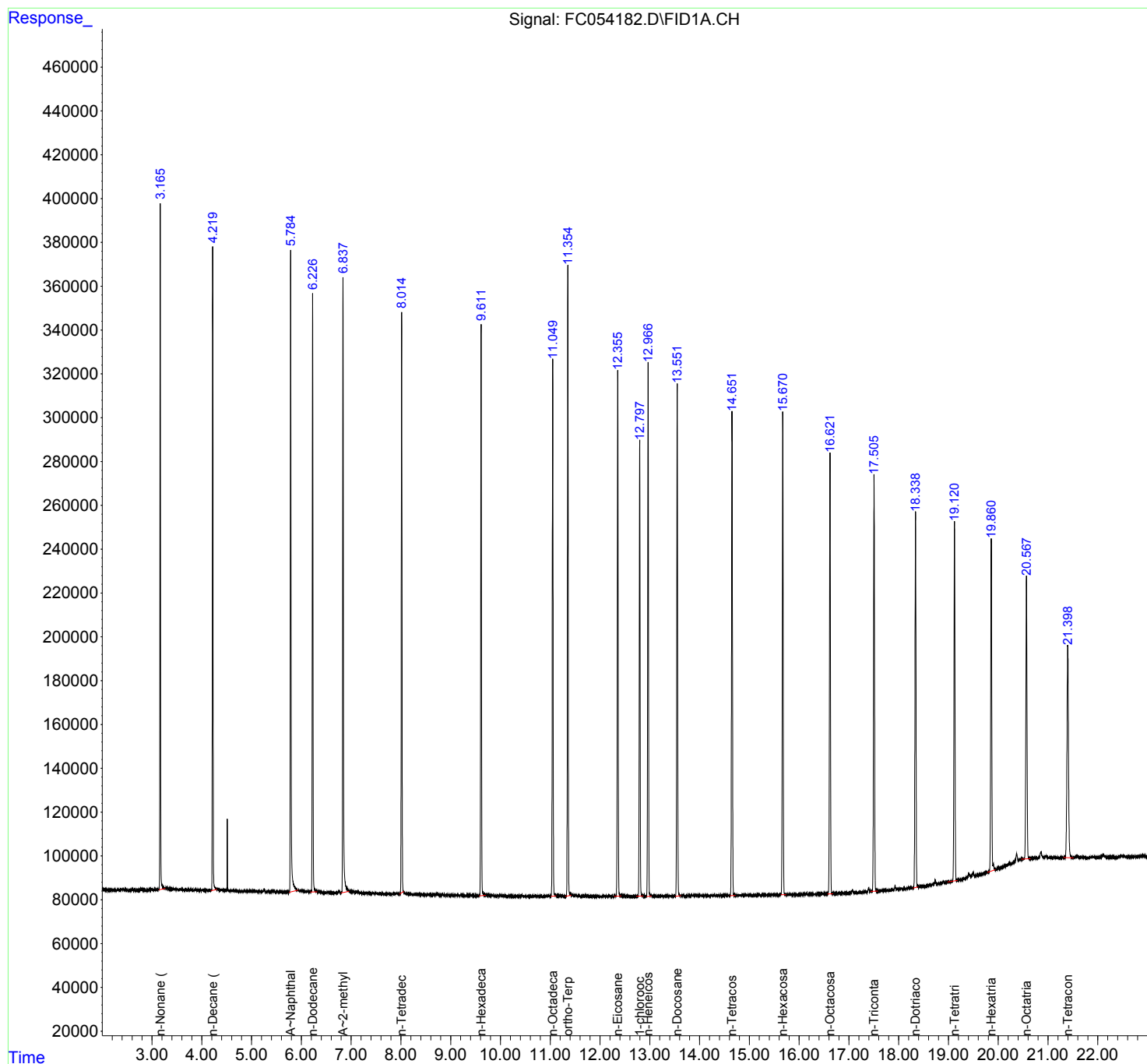
(m)=manual int.

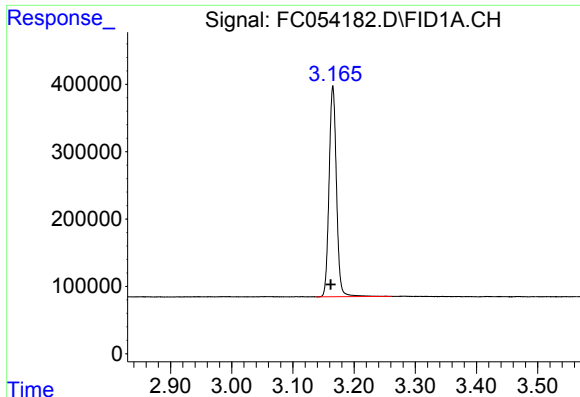
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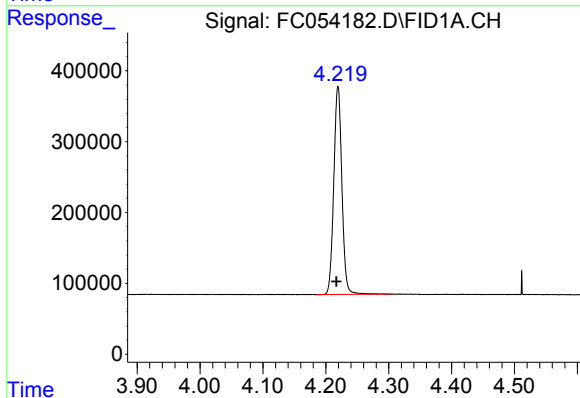




#1 n-Nonane (C9)

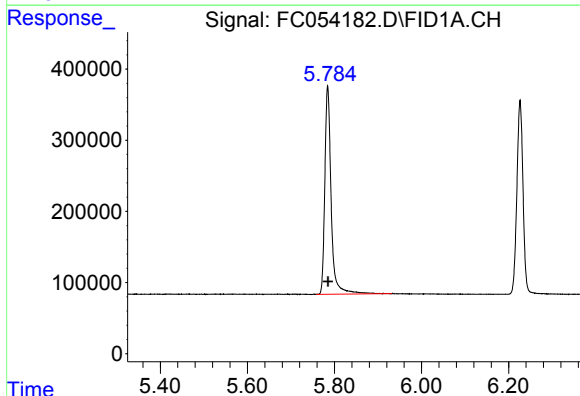
R.T.: 3.165 min
Delta R.T.: 0.003 min
Response: 2628813
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



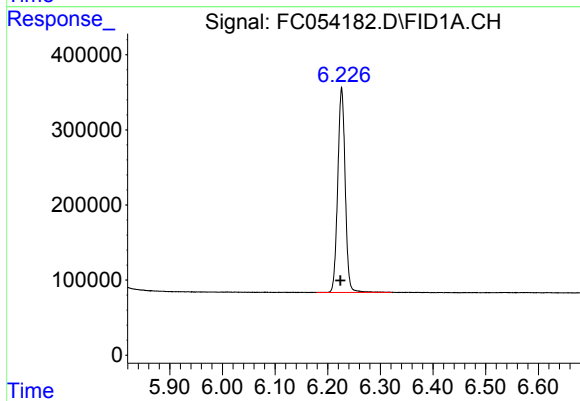
#2 n-Decane (C10)

R.T.: 4.219 min
Delta R.T.: 0.002 min
Response: 2642721
Conc: 20.62 ug/ml



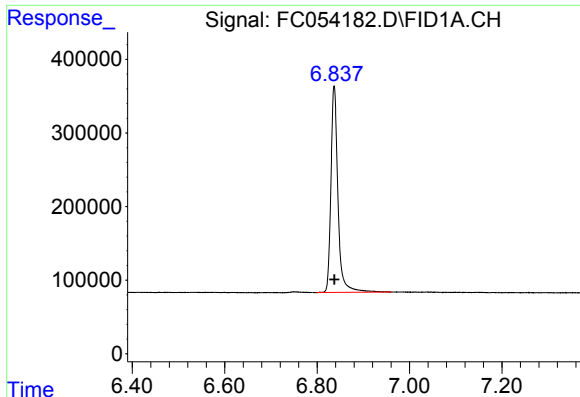
#3 A~Naphthalene (C11.7)

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 2965451
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

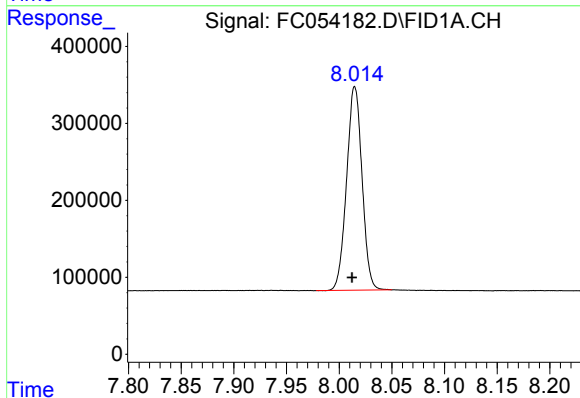
R.T.: 6.226 min
Delta R.T.: 0.003 min
Response: 2680290
Conc: 20.44 ug/ml



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

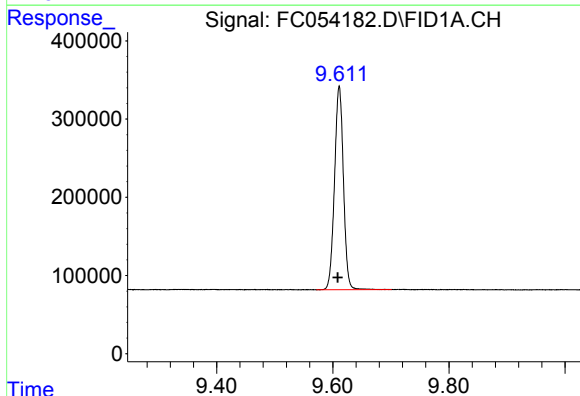
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 2971856
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



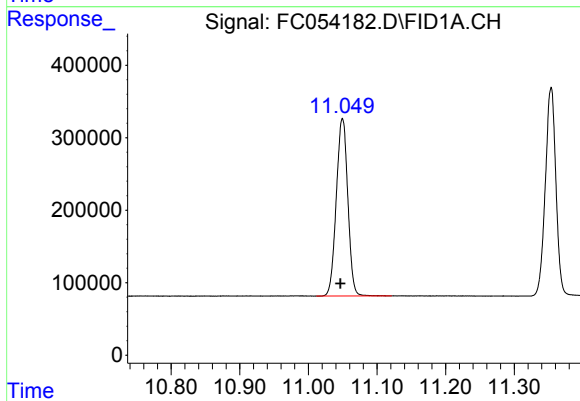
#6 n-Tetradecane (C14)

R.T.: 8.015 min
Delta R.T.: 0.003 min
Response: 2701246
Conc: 20.37 ug/ml



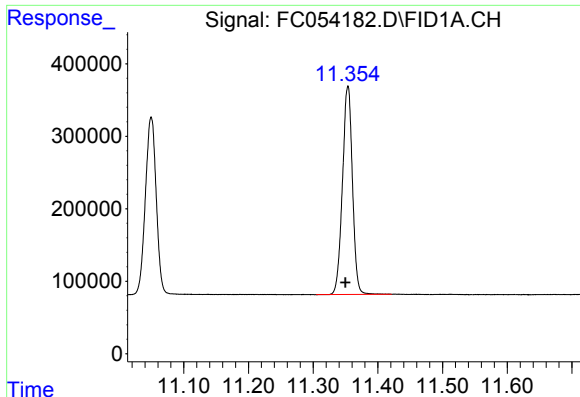
#7 n-Hexadecane (C16)

R.T.: 9.611 min
Delta R.T.: 0.003 min
Response: 2775238
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

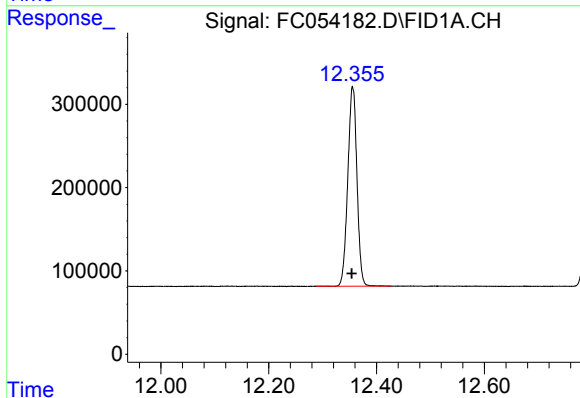
R.T.: 11.050 min
Delta R.T.: 0.003 min
Response: 2852854
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

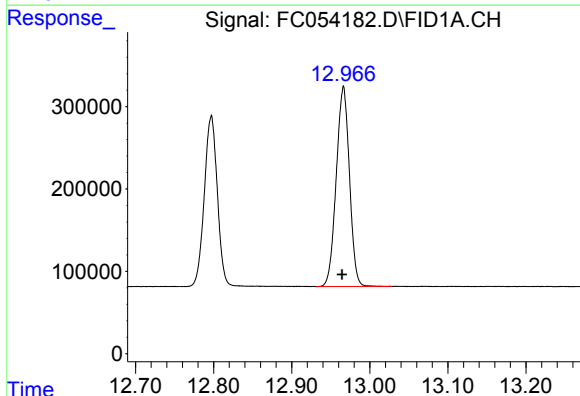
R.T.: 11.354 min
Delta R.T.: 0.004 min
Response: 3082518
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



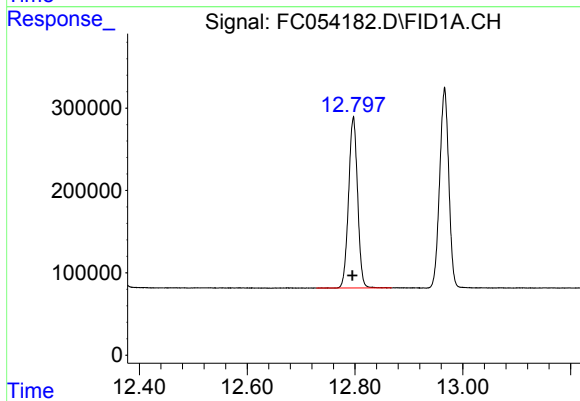
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: 0.002 min
Response: 2825300
Conc: 20.35 ug/ml



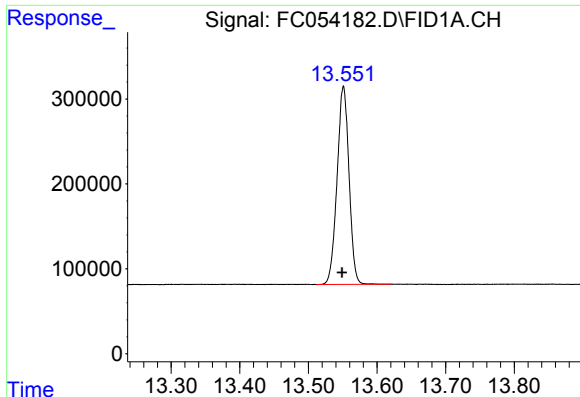
#11 n-Heneicosane (C21)

R.T.: 12.966 min
Delta R.T.: 0.002 min
Response: 2853725
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

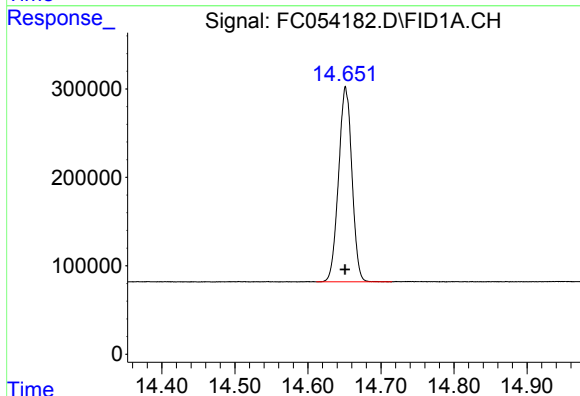
R.T.: 12.797 min
Delta R.T.: 0.002 min
Response: 2399935
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

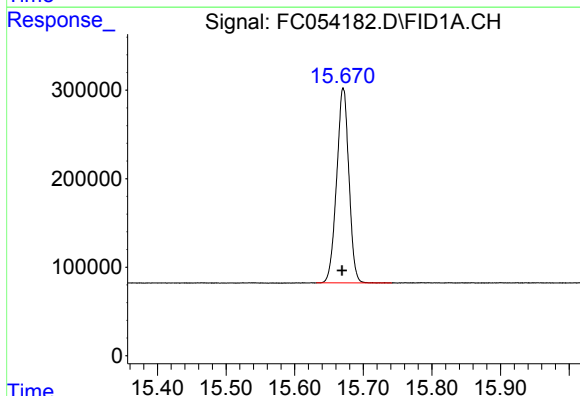
R.T.: 13.551 min
Delta R.T.: 0.002 min
Response: 2823315
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



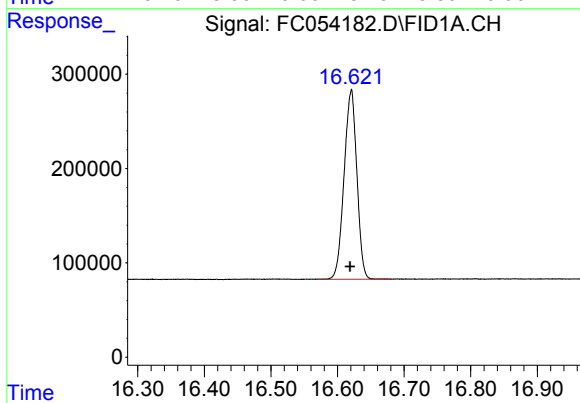
#14 n-Tetracosane (C24)

R.T.: 14.652 min
Delta R.T.: 0.001 min
Response: 2803003
Conc: 20.35 ug/ml



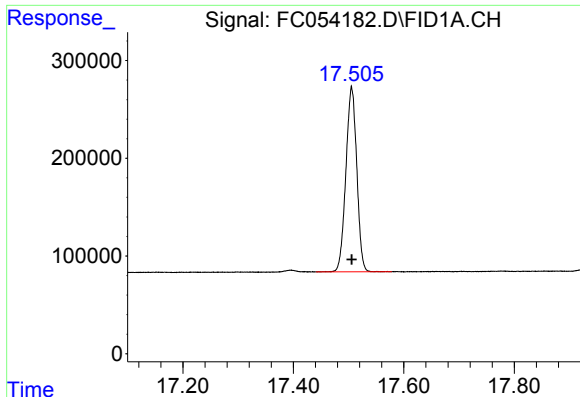
#15 n-Hexacosane (C26)

R.T.: 15.671 min
Delta R.T.: 0.002 min
Response: 2723642
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

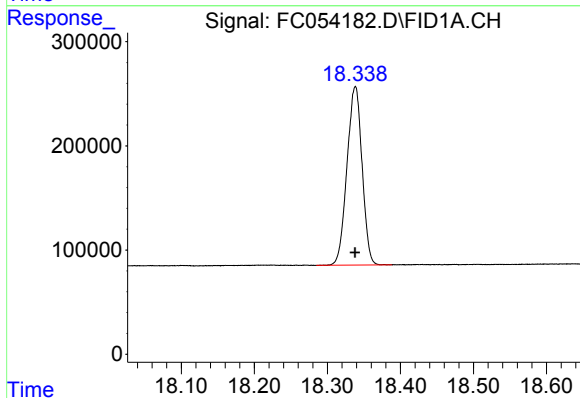
R.T.: 16.620 min
Delta R.T.: 0.001 min
Response: 2672697
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

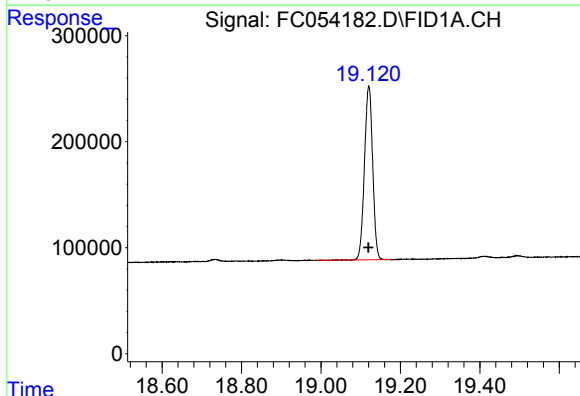
R.T.: 17.506 min
Delta R.T.: 0.000 min
Response: 2583077
Conc: 20.10 ug/ml

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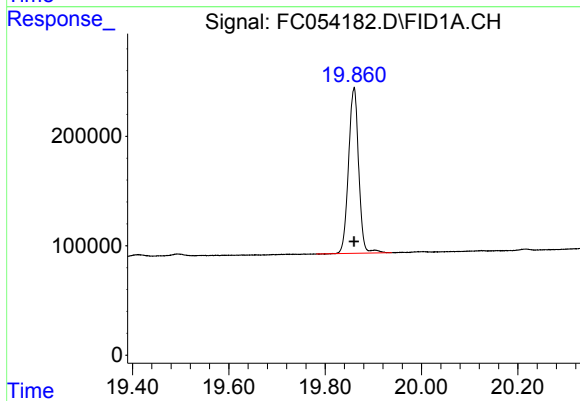
#18 n-Dotriacontane (C32)

R.T.: 18.338 min
Delta R.T.: 0.000 min
Response: 2456554
Conc: 19.97 ug/ml



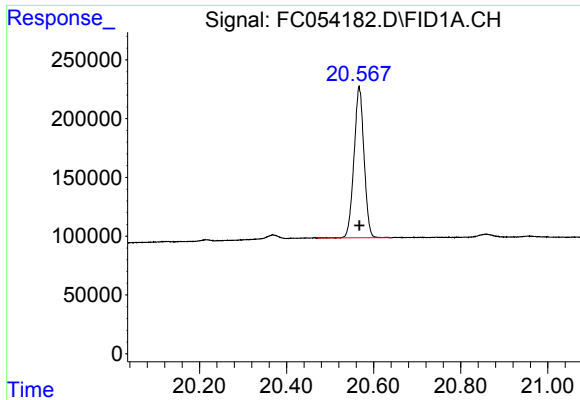
#19 n-Tetratriacontane (C34)

R.T.: 19.121 min
Delta R.T.: 0.000 min
Response: 2340149
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

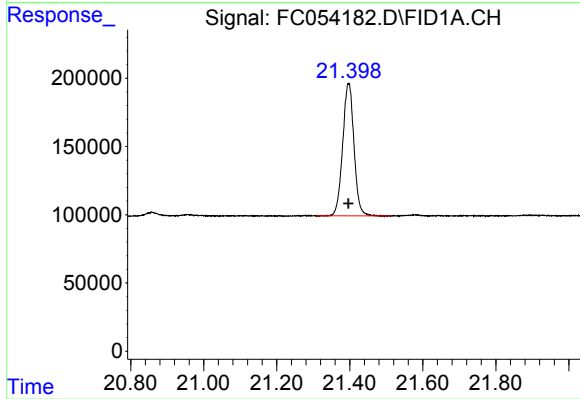
R.T.: 19.860 min
Delta R.T.: 0.000 min
Response: 2216177
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.567 min
Delta R.T.: 0.000 min
Response: 2046012
Conc: 20.01 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.397 min
Delta R.T.: 0.000 min
Response: 2079450
Conc: 19.43 ug/ml