

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041321AL\
 Data File : FC053108.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2021 9:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 14 02:11:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.552	2659173	18.406 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
12) S 1-chlorooctadecane (S...	12.990	2106315	18.230 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
Target Compounds			
1) T n-Nonane (C9)	3.309	2401723	19.189 ug/ml
2) T n-Decane (C10)	4.375	2439178	19.375 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2698896	19.375 ug/ml
4) T n-Dodecane (C12)	6.395	2506507	19.571 ug/ml
5) T A~2-methylnaphthalene...	7.018	2745228	19.420 ug/ml
6) T n-Tetradecane (C14)	8.193	2506916	19.484 ug/ml
7) T n-Hexadecane (C16)	9.794	2466560	19.292 ug/ml
8) T n-Octadecane (C18)	11.236	2548226	18.842 ug/ml
10) T n-Eicosane (C20)	12.546	2522745	18.367 ug/ml
11) T n-Heneicosane (C21)	13.158	2488246	18.109 ug/ml
13) T n-Docosane (C22)	13.744	2449139	17.768 ug/ml
14) T n-Tetracosane (C24)	14.847	2363210	17.140 ug/ml
15) T n-Hexacosane (C26)	15.869	2248417	16.581 ug/ml
16) T n-Octacosane (C28)	16.818	2144821	16.091 ug/ml
17) T n-Tricontane (C30)	17.707	2042695	15.916 ug/ml
18) T n-Dotriacontane (C32)	18.538	1941839	16.254 ug/ml
19) T n-Tetratriacontane (C34)	19.322	1890039	17.066 ug/ml
20) T n-Hexatriacontane (C36)	20.062	1826175	18.097 ug/ml
21) T n-Octatriacontane (C38)	20.792	1764380	19.804 ug/ml
22) T n-Tetracontane (C40)	21.692	1833911	22.908 ug/ml

(f)=RT Delta > 1/2 Window

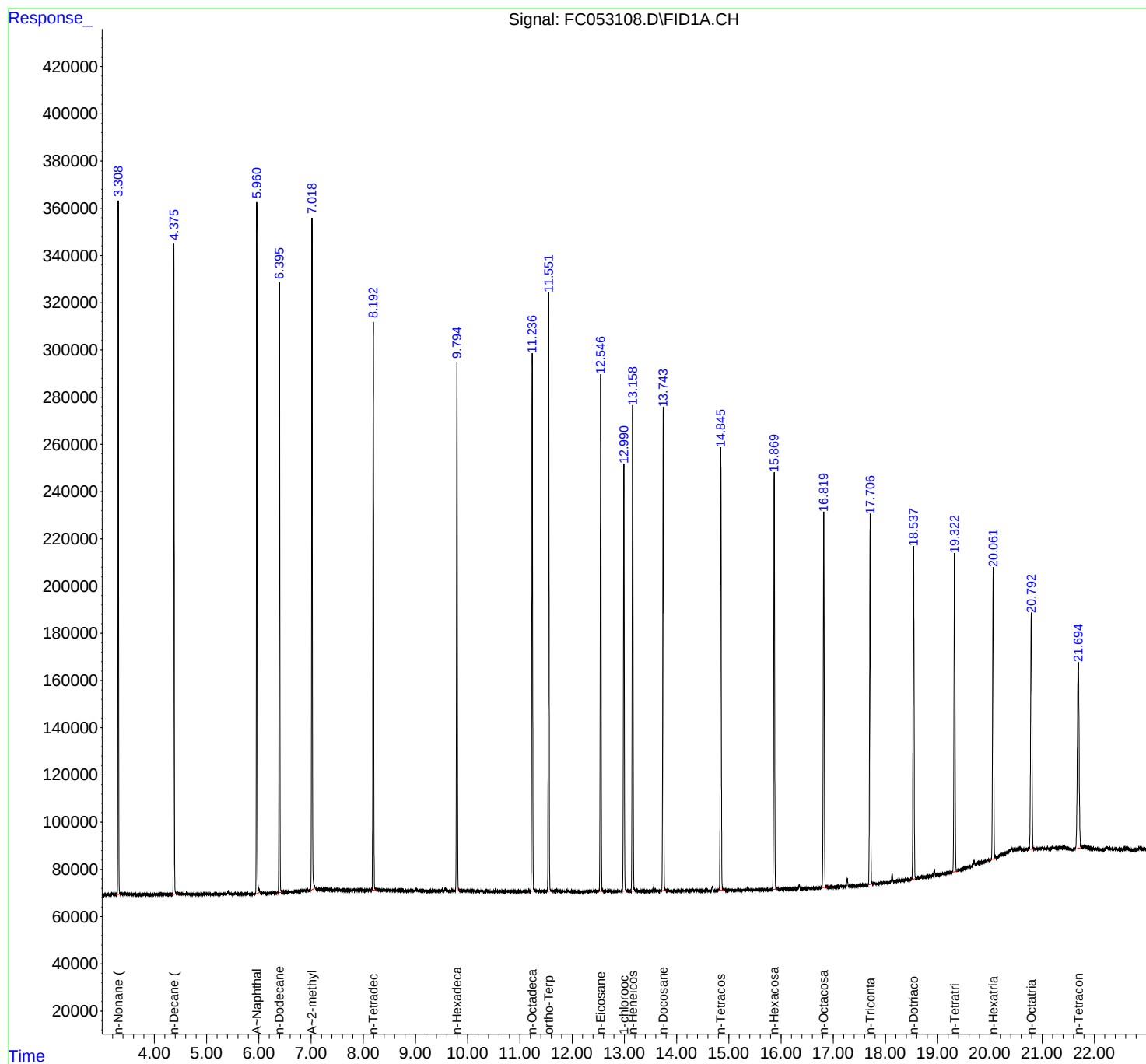
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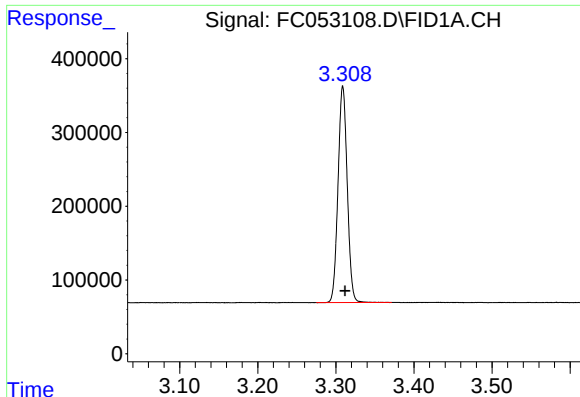
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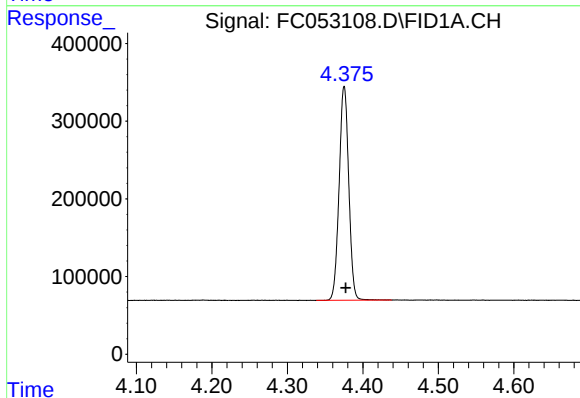




#1 n-Nonane (C9)

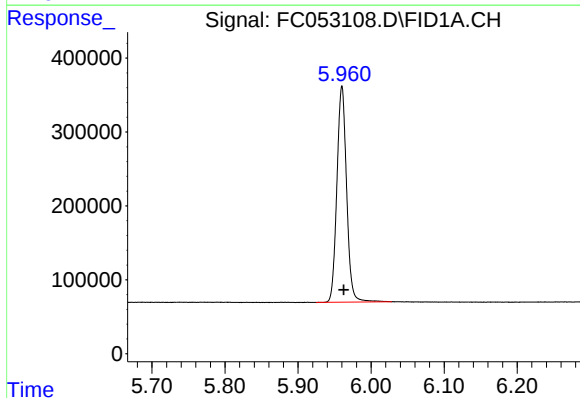
R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 2401723
Conc: 19.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



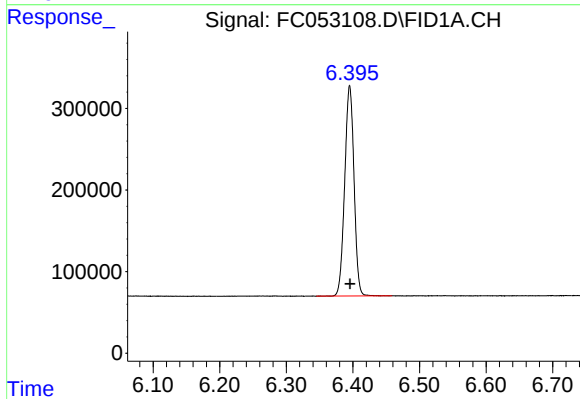
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 2439178
Conc: 19.38 ug/ml



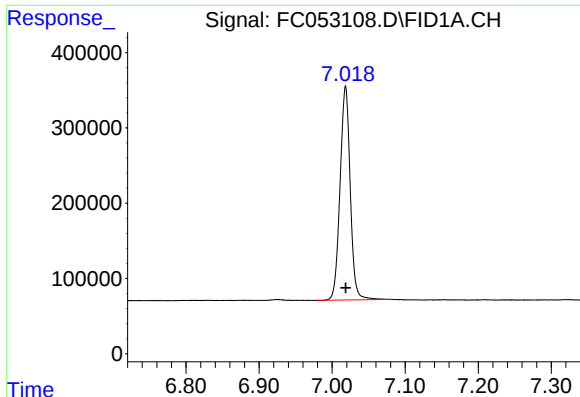
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2698896
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

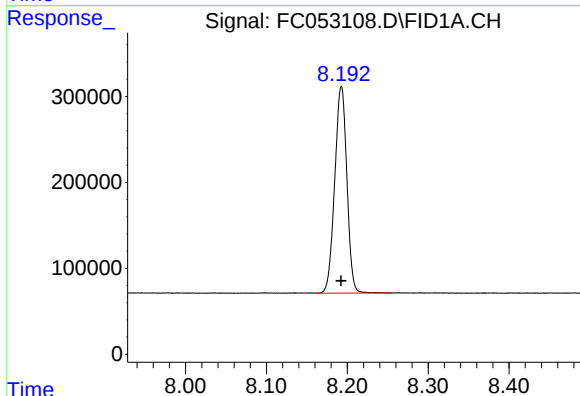
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2506507
Conc: 19.57 ug/ml



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

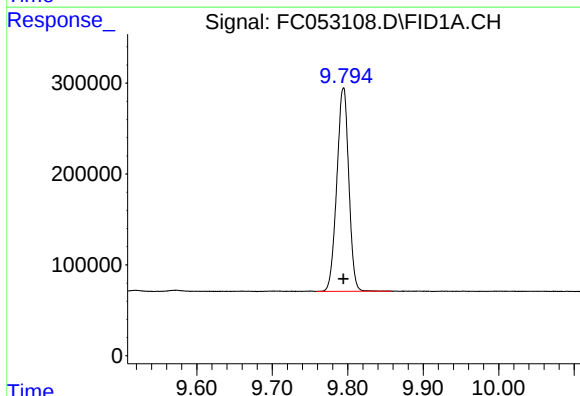
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 2745228
Conc: 19.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



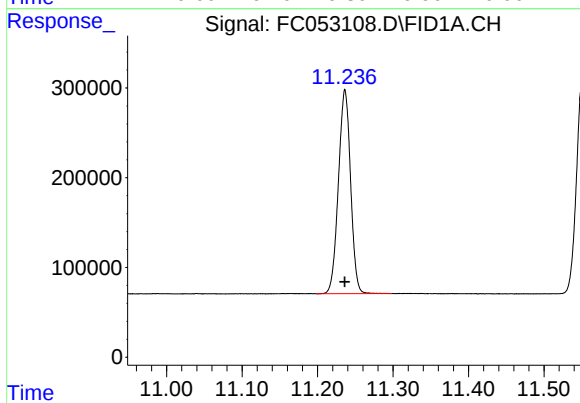
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2506916
Conc: 19.48 ug/ml



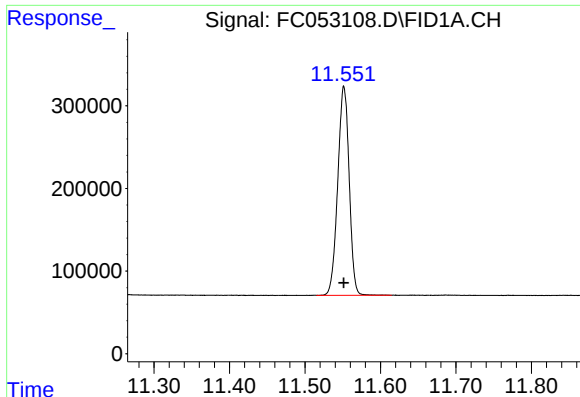
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 2466560
Conc: 19.29 ug/ml



#8 n-Octadecane (C18)

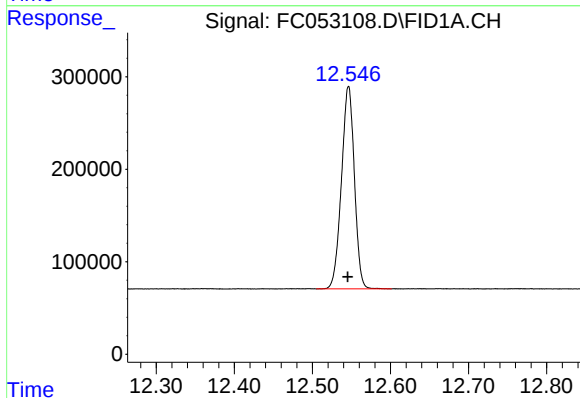
R.T.: 11.236 min
Delta R.T.: 0.000 min
Response: 2548226
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

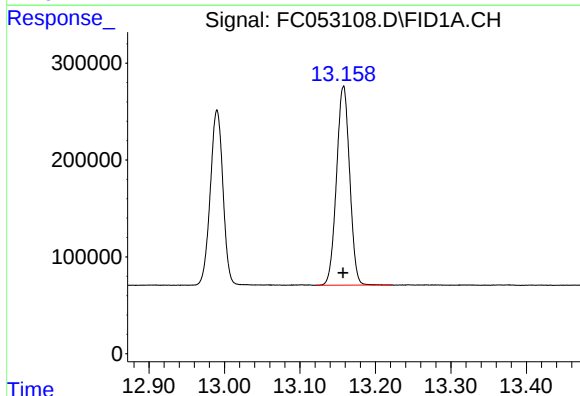
R.T.: 11.552 min
Delta R.T.: 0.000 min
Response: 2659173
Conc: 18.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



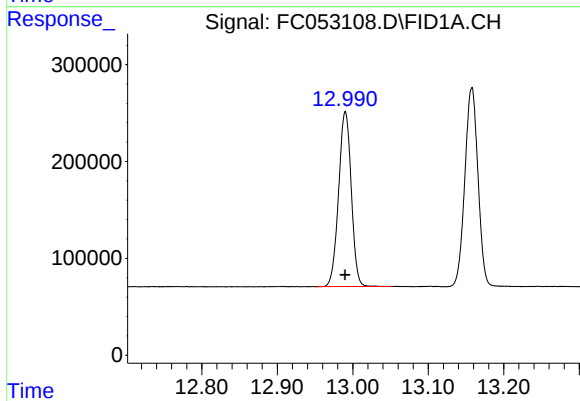
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.000 min
Response: 2522745
Conc: 18.37 ug/ml



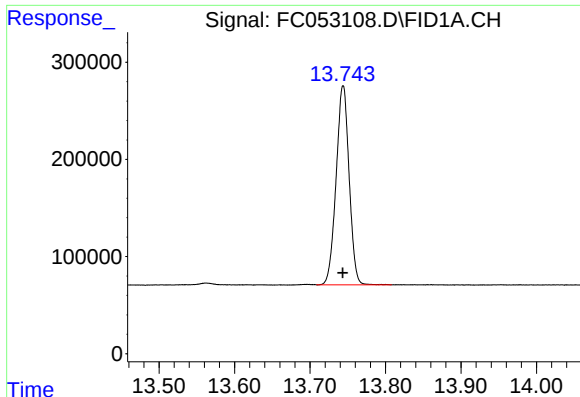
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.000 min
Response: 2488246
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

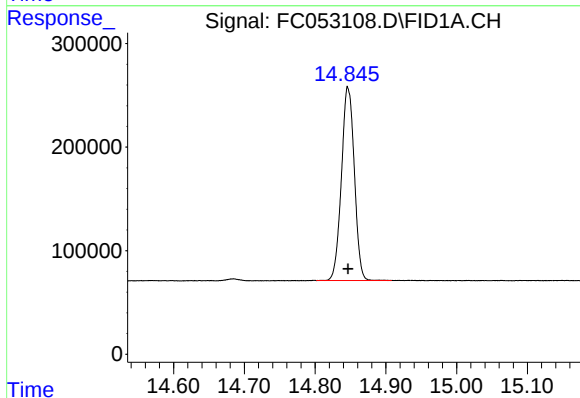
R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 2106315
Conc: 18.23 ug/ml



#13 n-Docosane (C22)

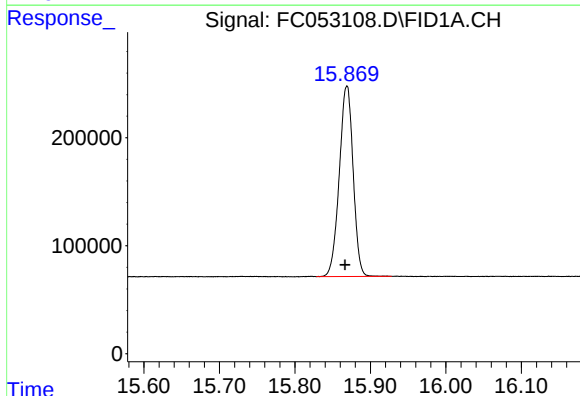
R.T.: 13.744 min
Delta R.T.: 0.000 min
Response: 2449139
Conc: 17.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



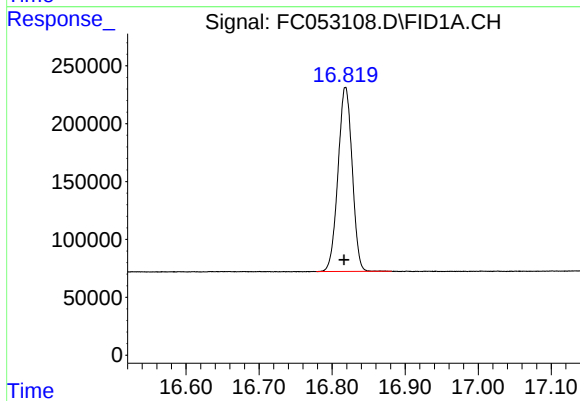
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: 0.000 min
Response: 2363210
Conc: 17.14 ug/ml



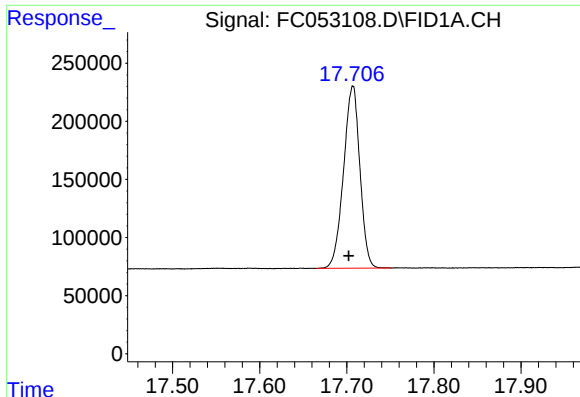
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: 0.003 min
Response: 2248417
Conc: 16.58 ug/ml



#16 n-Octacosane (C28)

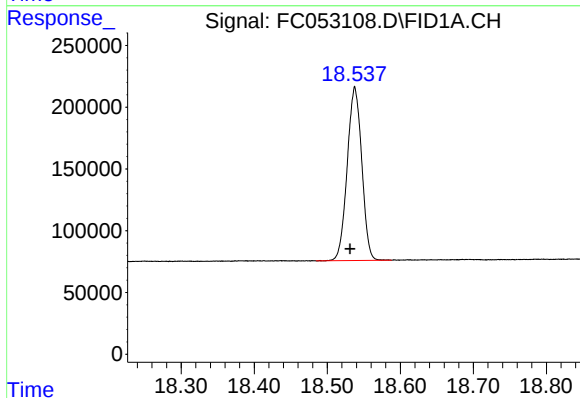
R.T.: 16.818 min
Delta R.T.: 0.002 min
Response: 2144821
Conc: 16.09 ug/ml



#17 n-Tricontane (C30)

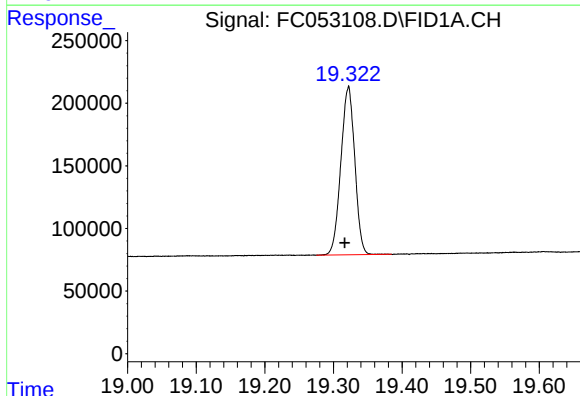
R.T.: 17.707 min
Delta R.T.: 0.005 min
Response: 2042695
Conc: 15.92 ug/ml

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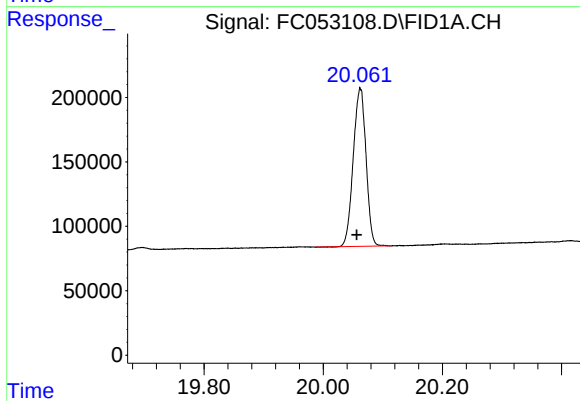
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: 0.006 min
Response: 1941839
Conc: 16.25 ug/ml



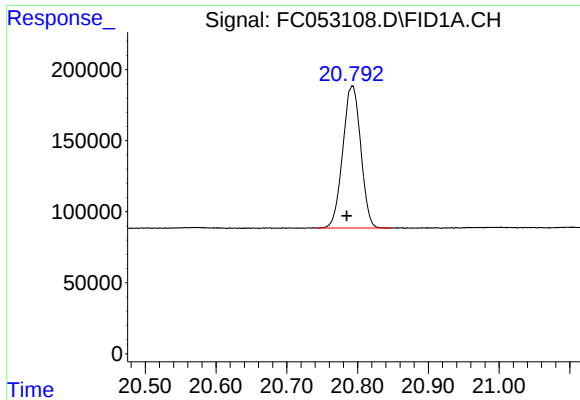
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: 0.005 min
Response: 1890039
Conc: 17.07 ug/ml



#20 n-Hexatriacontane (C36)

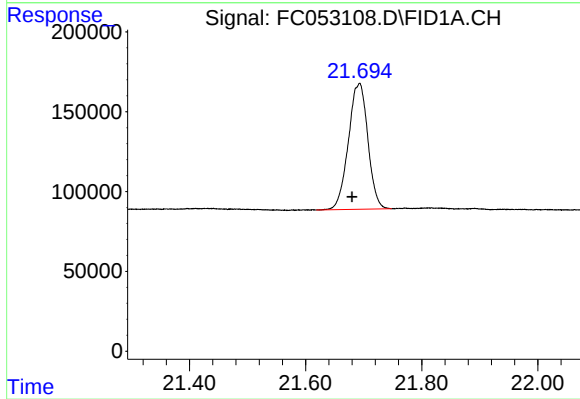
R.T.: 20.062 min
Delta R.T.: 0.006 min
Response: 1826175
Conc: 18.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.792 min
Delta R.T.: 0.008 min
Response: 1764380
Conc: 19.80 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: 0.012 min
Response: 1833911
Conc: 22.91 ug/ml