

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072120AL\
 Data File : FC048574.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jul 2020 23:43
 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: autoint1.e
 Quant Time: Jul 22 02:08:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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)	11.679	2523594	18.387 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	13.111	2023999	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.415	2429472	20.381 ug/ml
2) T n-Decane (C10)	4.488	2460104	20.438 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2749555	20.432 ug/ml
4) T n-Dodecane (C12)	6.513	2496875	20.409 ug/ml
5) T A~2-methylnaphthalene...	7.143	2796966	20.292 ug/ml
6) T n-Tetradecane (C14)	8.310	2474832	20.090 ug/ml
7) T n-Hexadecane (C16)	9.913	2417148	19.746 ug/ml
8) T n-Octadecane (C18)	11.355	2456162	19.191 ug/ml
10) T n-Eicosane (C20)	12.667	2392729	18.500 ug/ml
11) T n-Heneicosane (C21)	13.279	2348898	18.121 ug/ml
13) T n-Docosane (C22)	13.863	2300265	17.717 ug/ml
14) T n-Tetracosane (C24)	14.967	2208796	16.850 ug/ml
15) T n-Hexacosane (C26)	15.986	2104481	16.184 ug/ml
16) T n-Octacosane (C28)	16.933	2037933	15.596 ug/ml
17) T n-Tricontane (C30)	17.821	1961529	15.258 ug/ml
18) T n-Dotriacontane (C32)	18.652	1790232	15.153 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1679027	15.042 ug/ml
20) T n-Hexatriacontane (C36)	20.171	1602185	15.234 ug/ml
21) T n-Octatriacontane (C38)	20.928	1553649	15.826 ug/ml
22) T n-Tetracontane (C40)	21.880	1589091	16.353 ug/ml

(f)=RT Delta > 1/2 Window

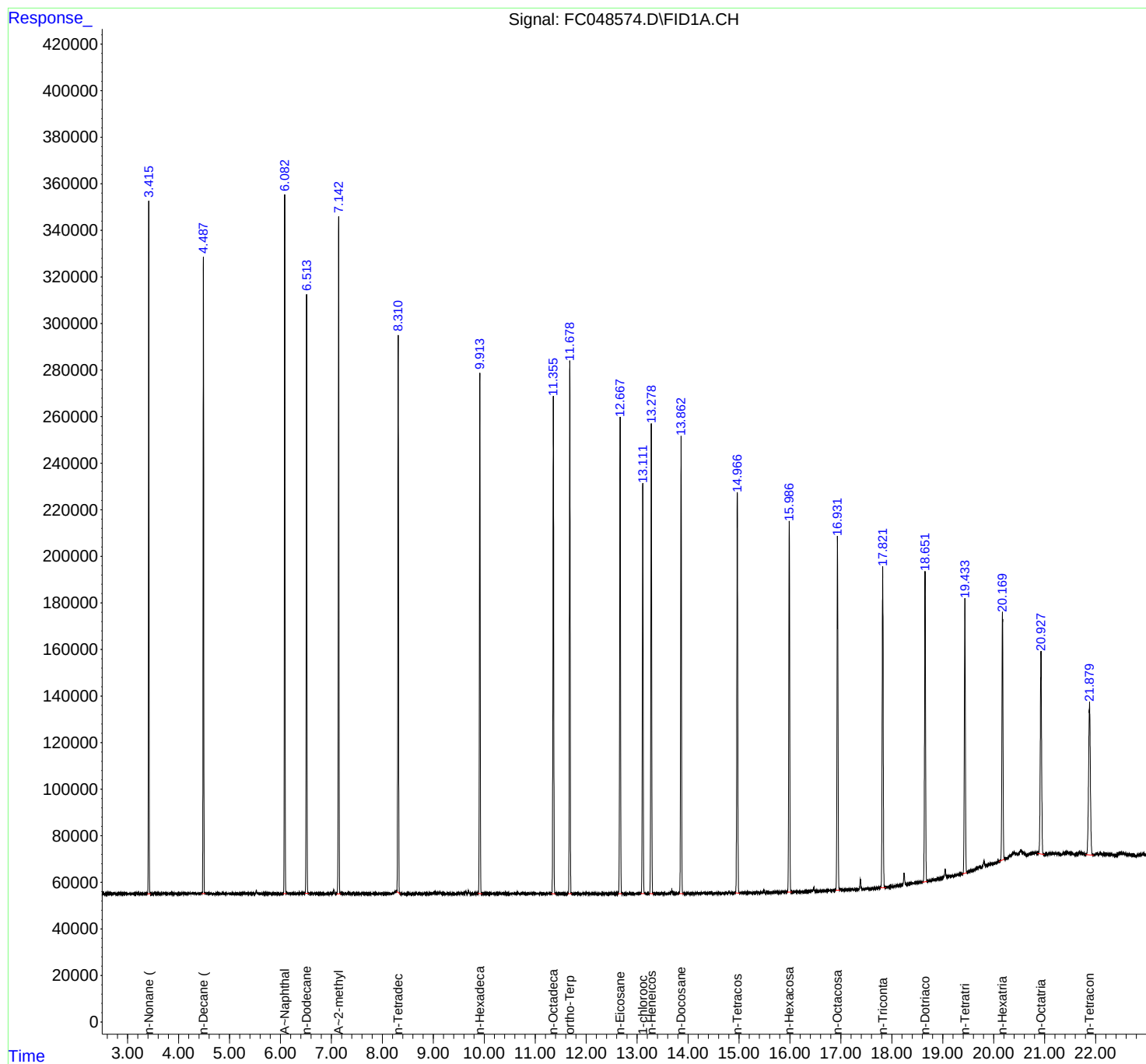
(m)=manual int.

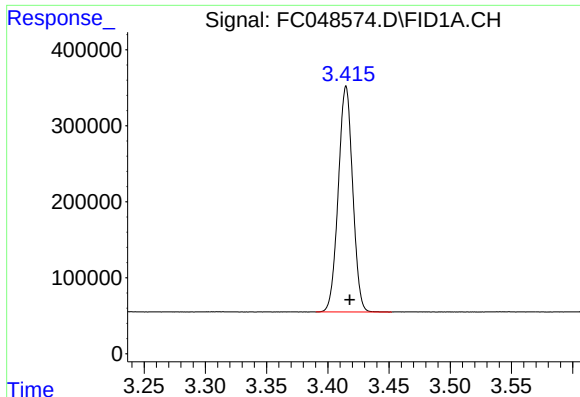
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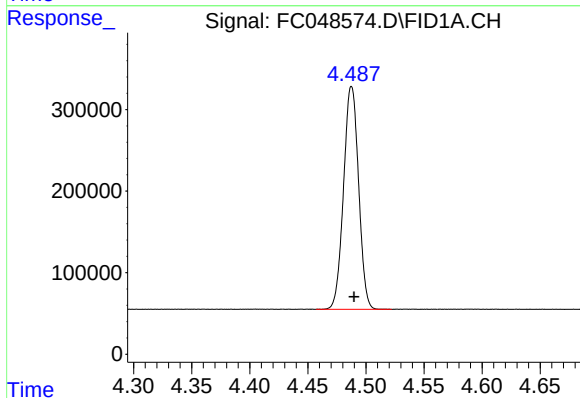




#1 n-Nonane (C9)

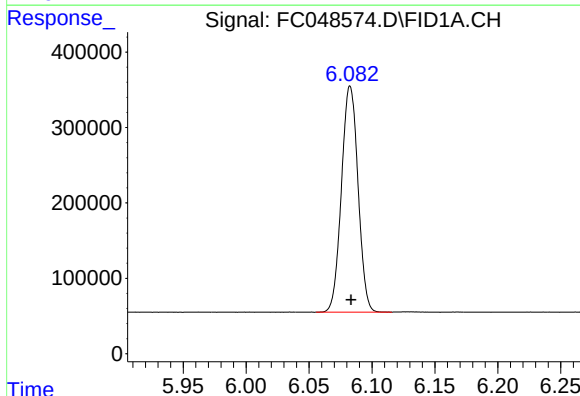
R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2429472
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



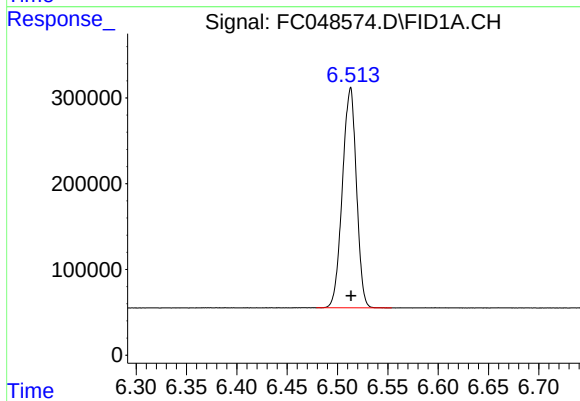
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2460104
Conc: 20.44 ug/ml



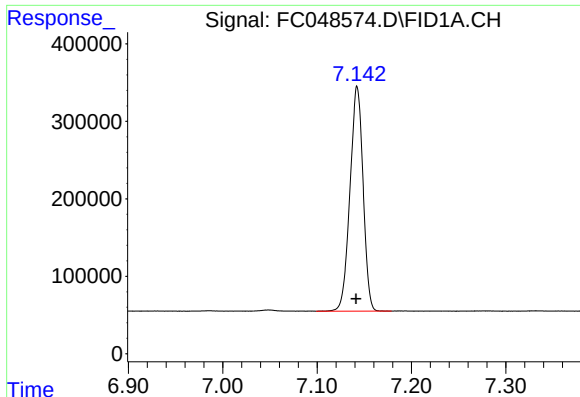
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 2749555
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

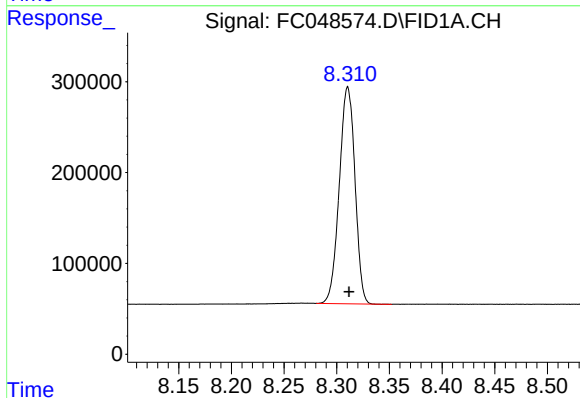
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2496875
Conc: 20.41 ug/ml



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

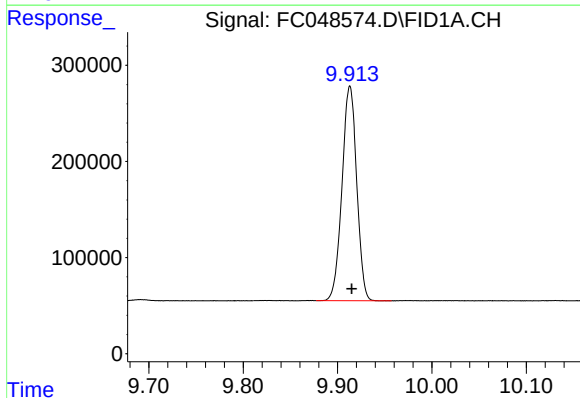
R.T.: 7.143 min
Delta R.T.: 0.001 min
Response: 2796966
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



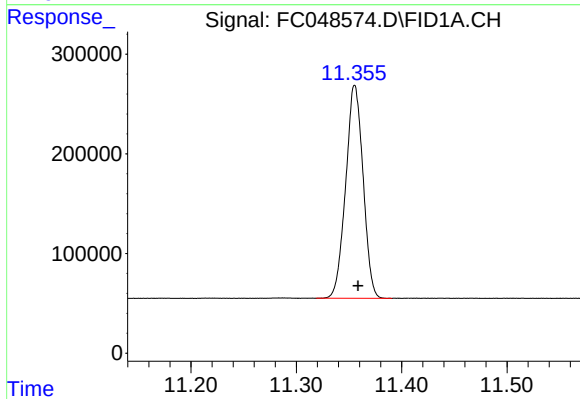
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.001 min
Response: 2474832
Conc: 20.09 ug/ml



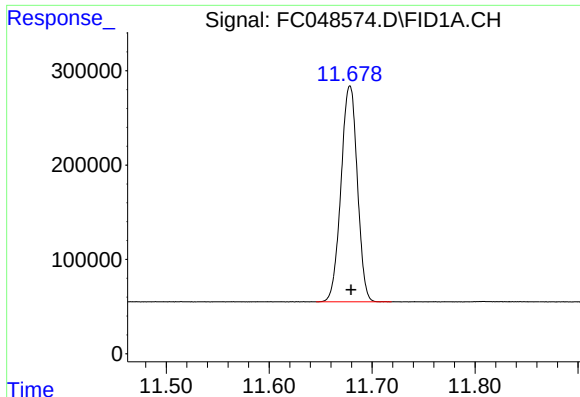
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.002 min
Response: 2417148
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

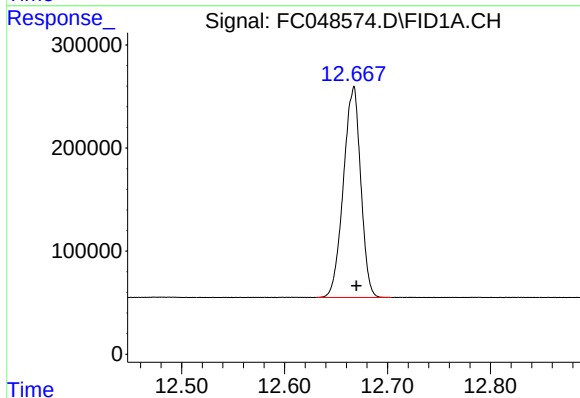
R.T.: 11.355 min
Delta R.T.: -0.003 min
Response: 2456162
Conc: 19.19 ug/ml



#9 ortho-Terphenyl (SURR)

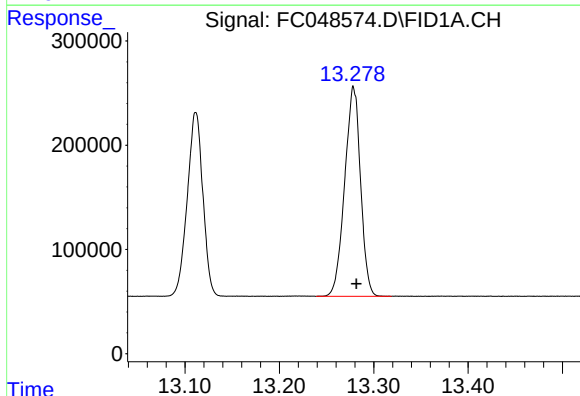
R.T.: 11.679 min
Delta R.T.: -0.001 min
Response: 2523594
Conc: 18.39 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



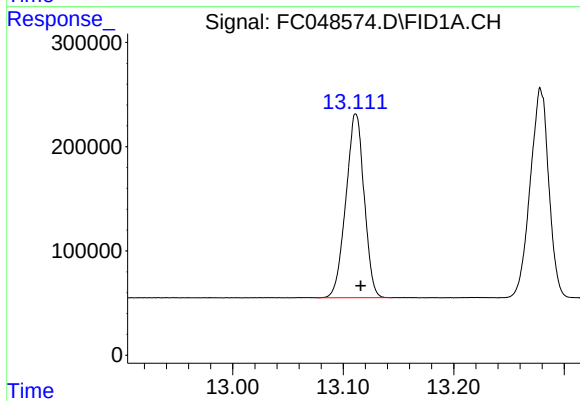
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2392729
Conc: 18.50 ug/ml



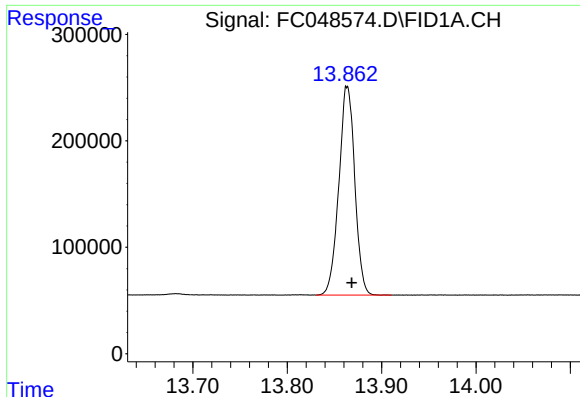
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2348898
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

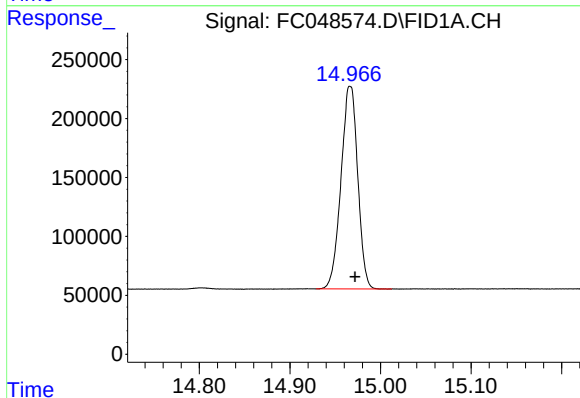
R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 2023999
Conc: 17.96 ug/ml



#13 n-Docosane (C22)

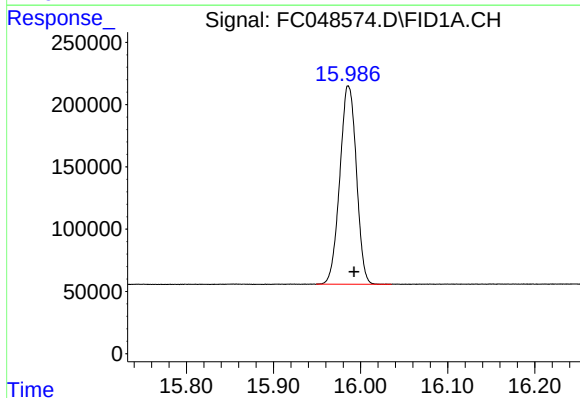
R.T.: 13.863 min
Delta R.T.: -0.005 min
Response: 2300265
Conc: 17.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



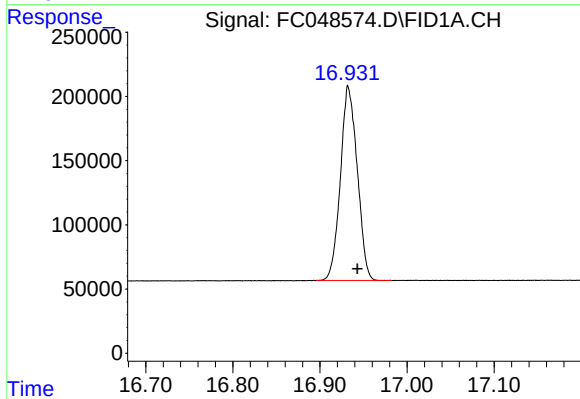
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.005 min
Response: 2208796
Conc: 16.85 ug/ml



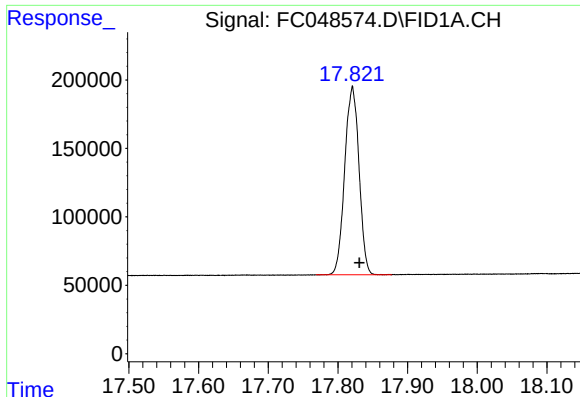
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: -0.006 min
Response: 2104481
Conc: 16.18 ug/ml



#16 n-Octacosane (C28)

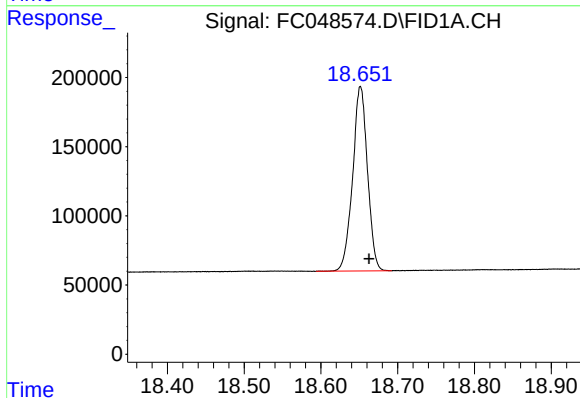
R.T.: 16.933 min
Delta R.T.: -0.011 min
Response: 2037933
Conc: 15.60 ug/ml



#17 n-Tricontane (C30)

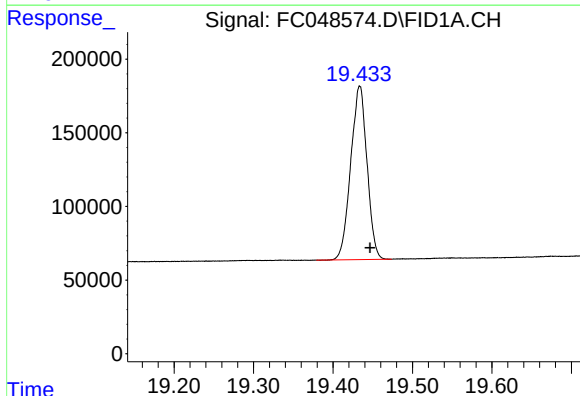
R.T.: 17.821 min
Delta R.T.: -0.010 min
Response: 1961529
Conc: 15.26 ug/ml

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20 PPM ALIPHATIC HC STD



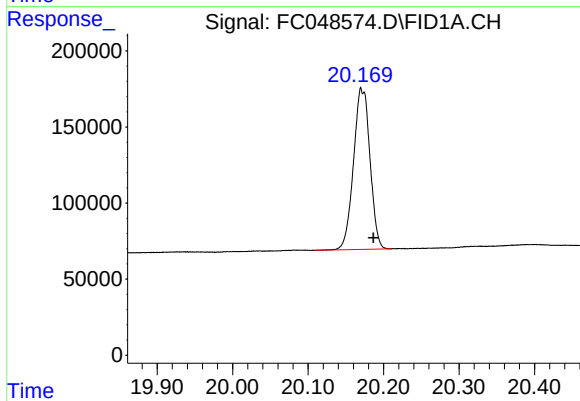
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.011 min
Response: 1790232
Conc: 15.15 ug/ml



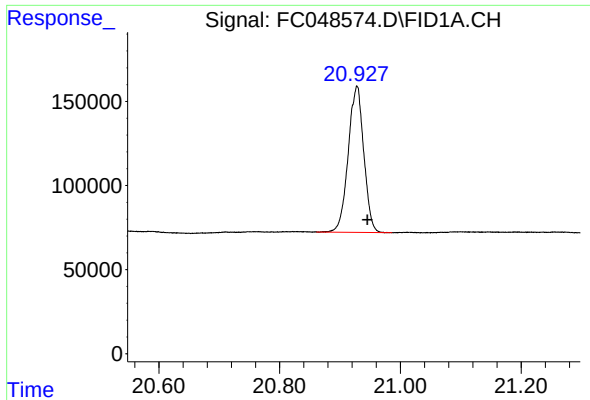
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.013 min
Response: 1679027
Conc: 15.04 ug/ml



#20 n-Hexatriacontane (C36)

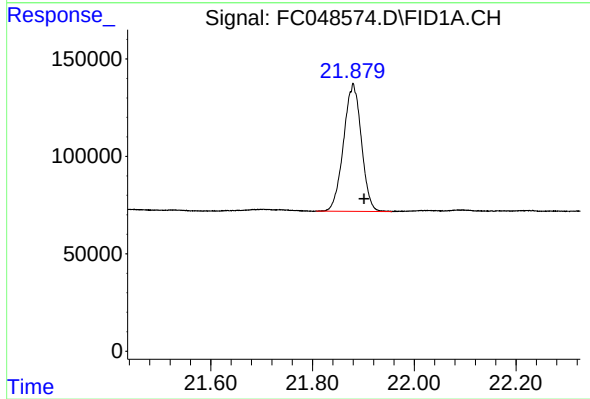
R.T.: 20.171 min
Delta R.T.: -0.016 min
Response: 1602185
Conc: 15.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: -0.017 min
Response: 1553649
Conc: 15.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.880 min
Delta R.T.: -0.021 min
Response: 1589091
Conc: 16.35 ug/ml