

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091020AL\
 Data File : FC049535.D
 Signal(s) : FID1A.CH
 Acq On : 11 Sep 2020 3:25
 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: Sep 11 04:58:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.665	2365178	20.586 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
12) S 1-chlorooctadecane (S...	13.098	1838781	20.644 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	3.402	2173584	21.011 ug/ml
2) T n-Decane (C10)	4.475	2201593	21.196 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2440244	21.224 ug/ml
4) T n-Dodecane (C12)	6.498	2232858	21.123 ug/ml
5) T A~2-methylnaphthalene...	7.130	2472256	21.145 ug/ml
6) T n-Tetradecane (C14)	8.297	2205171	20.903 ug/ml
7) T n-Hexadecane (C16)	9.899	2156709	20.724 ug/ml
8) T n-Octadecane (C18)	11.341	2228216	20.733 ug/ml
10) T n-Eicosane (C20)	12.652	2215388	20.689 ug/ml
11) T n-Heneicosane (C21)	13.262	2196677	20.642 ug/ml
13) T n-Docosane (C22)	13.849	2177909	20.581 ug/ml
14) T n-Tetracosane (C24)	14.953	2156950	20.613 ug/ml
15) T n-Hexacosane (C26)	15.972	2107463	20.615 ug/ml
16) T n-Octacosane (C28)	16.921	2080710	20.704 ug/ml
17) T n-Tricontane (C30)	17.806	2030537	20.855 ug/ml
18) T n-Dotriacontane (C32)	18.638	1895978	20.982 ug/ml
19) T n-Tetratriacontane (C34)	19.420	1798597	21.011 ug/ml
20) T n-Hexatriacontane (C36)	20.157	1710789	21.235 ug/ml
21) T n-Octatriacontane (C38)	20.910	1617676	21.368 ug/ml
22) T n-Tetracontane (C40)	21.854	1668023	21.437 ug/ml

(f)=RT Delta > 1/2 Window

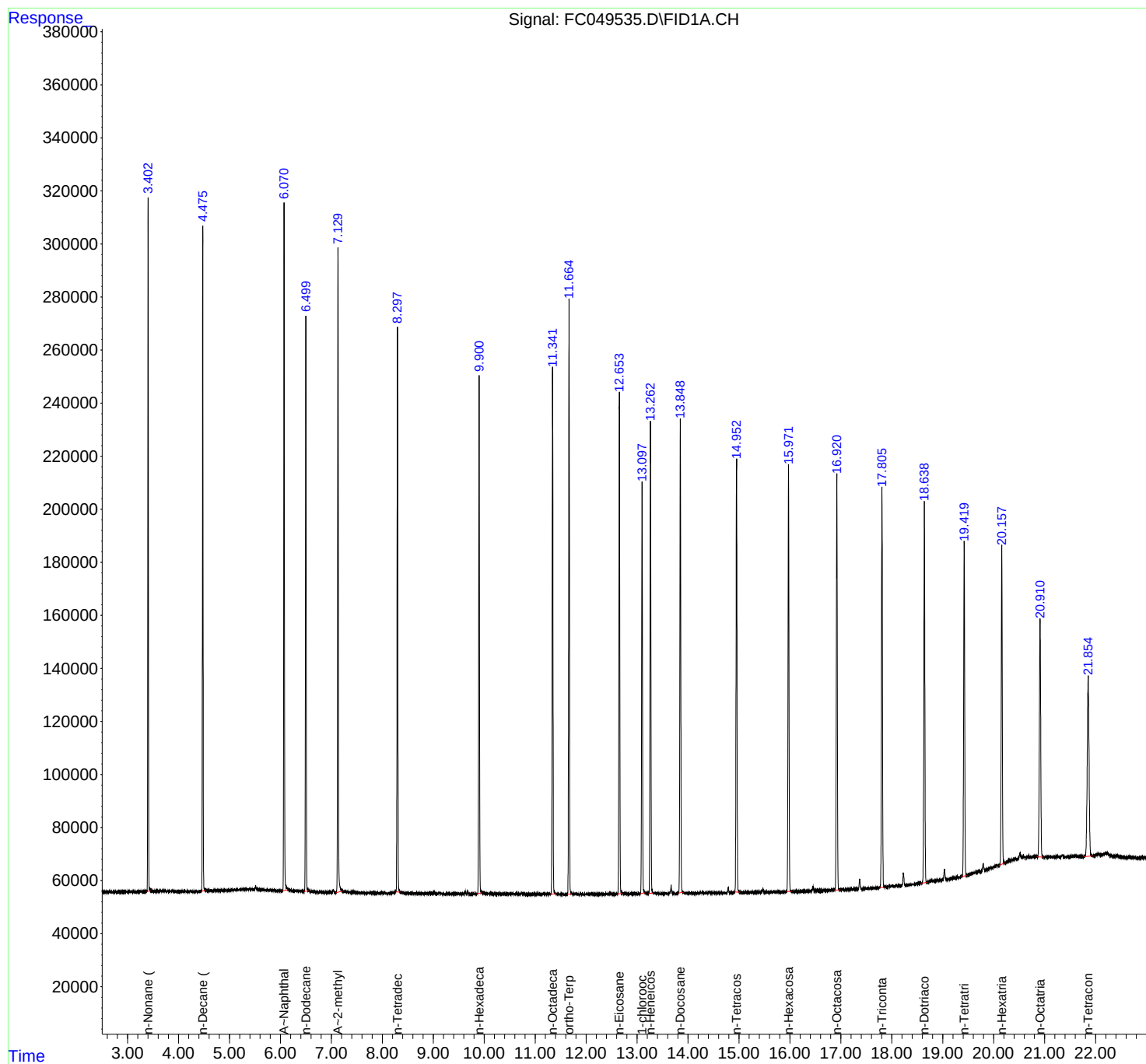
(m)=manual int.

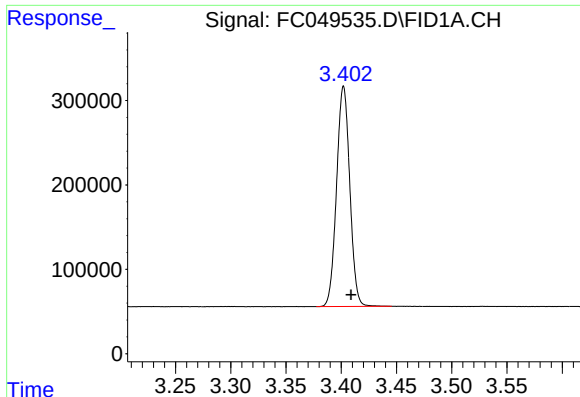
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091020AL\
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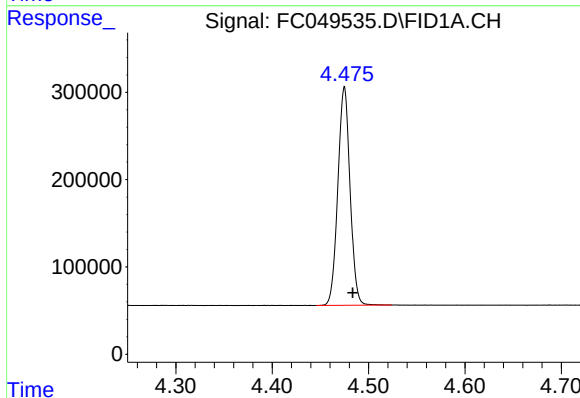




#1 n-Nonane (C9)

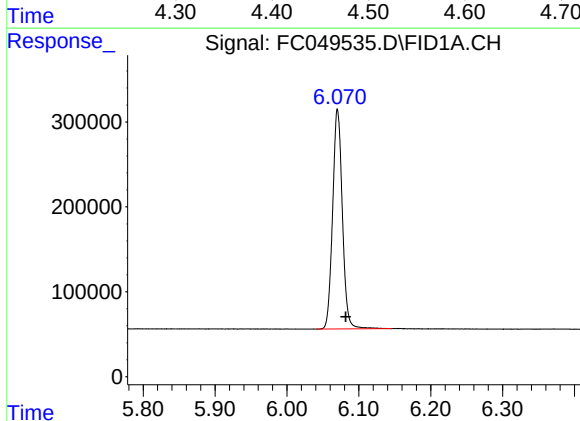
R.T.: 3.402 min
Delta R.T.: -0.007 min
Response: 2173584
Conc: 21.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



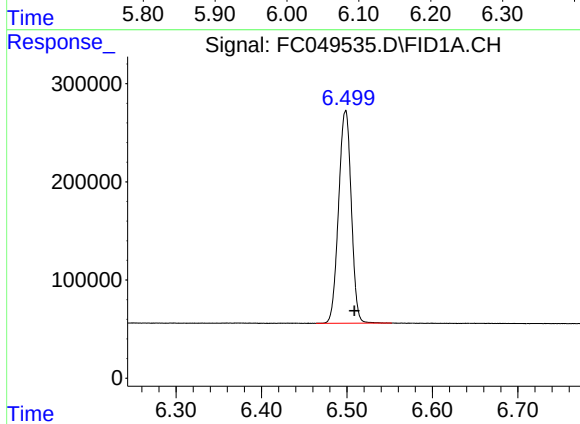
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.008 min
Response: 2201593
Conc: 21.20 ug/ml



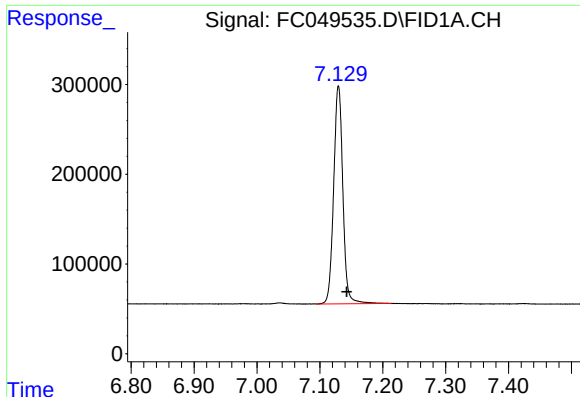
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.011 min
Response: 2440244
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

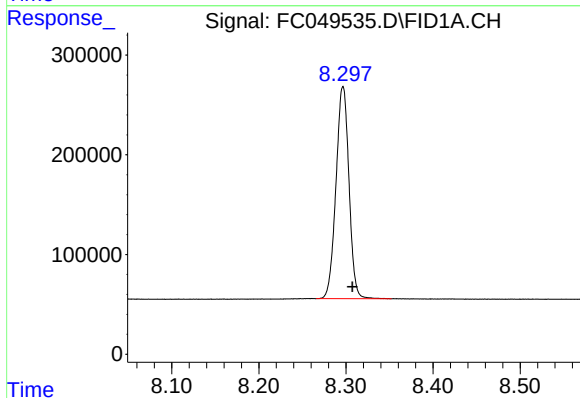
R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 2232858
Conc: 21.12 ug/ml



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

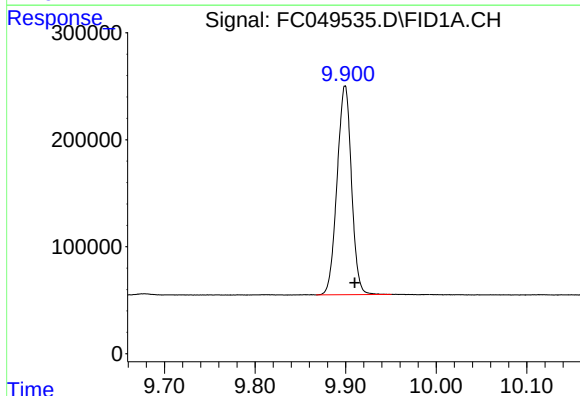
R.T.: 7.130 min
Delta R.T.: -0.013 min
Response: 2472256
Conc: 21.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



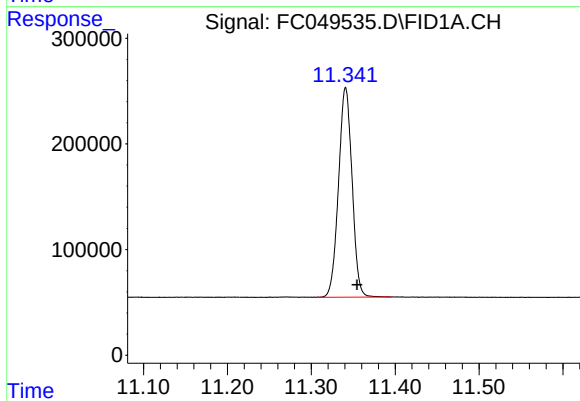
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: -0.011 min
Response: 2205171
Conc: 20.90 ug/ml



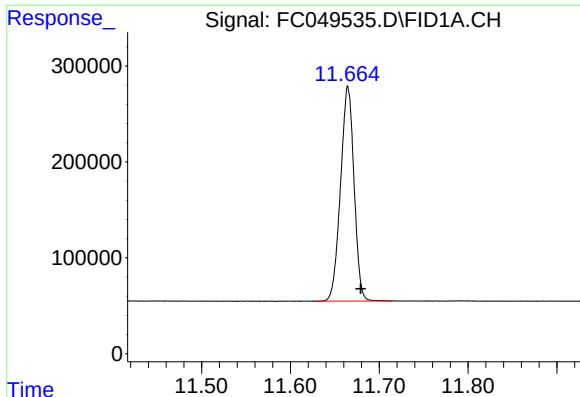
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.011 min
Response: 2156709
Conc: 20.72 ug/ml



#8 n-Octadecane (C18)

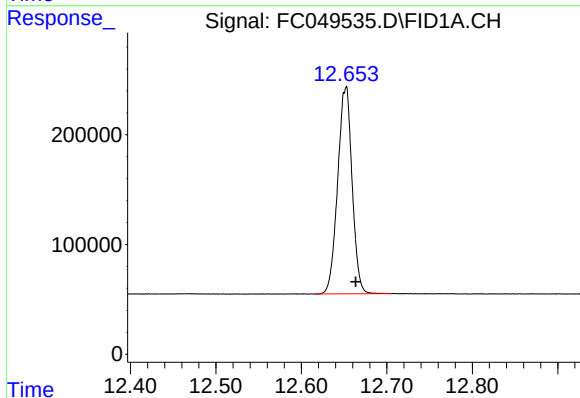
R.T.: 11.341 min
Delta R.T.: -0.013 min
Response: 2228216
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

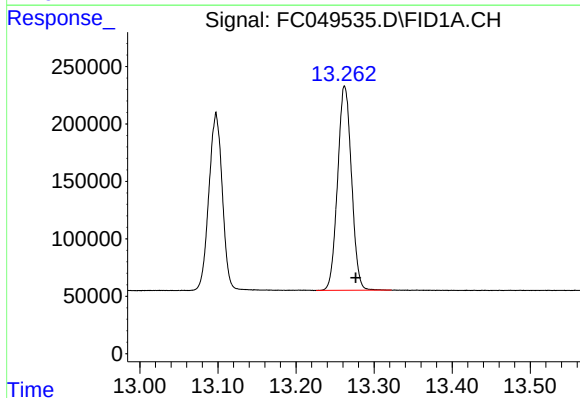
R.T.: 11.665 min
Delta R.T.: -0.014 min
Response: 2365178
Conc: 20.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



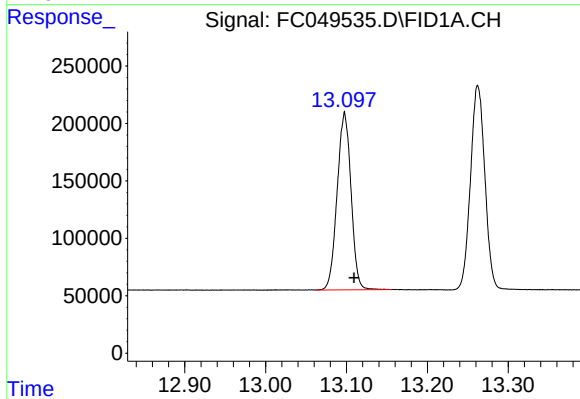
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: -0.012 min
Response: 2215388
Conc: 20.69 ug/ml



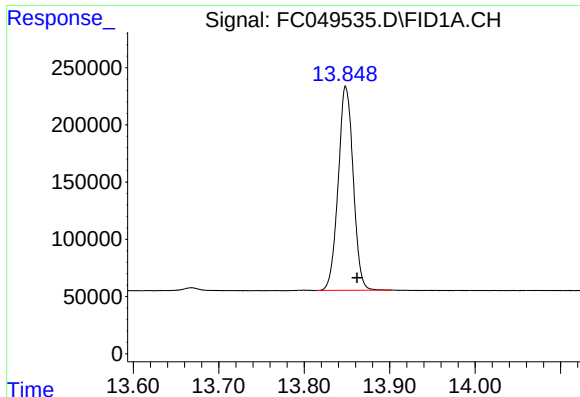
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.014 min
Response: 2196677
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

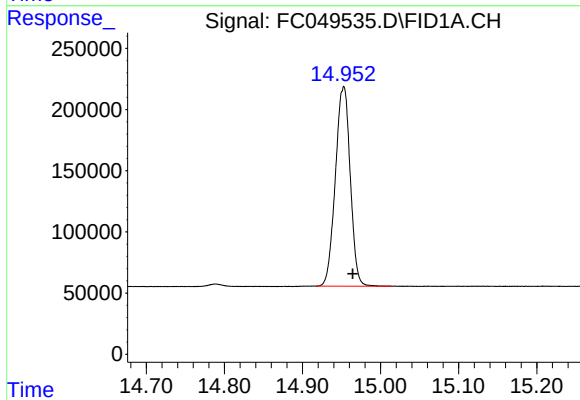
R.T.: 13.098 min
Delta R.T.: -0.012 min
Response: 1838781
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

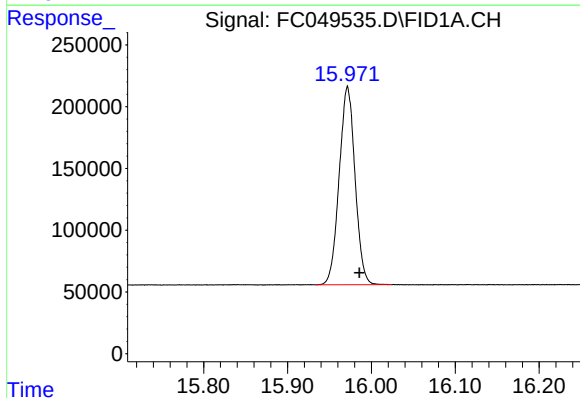
R.T.: 13.849 min
Delta R.T.: -0.013 min
Response: 2177909
Conc: 20.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



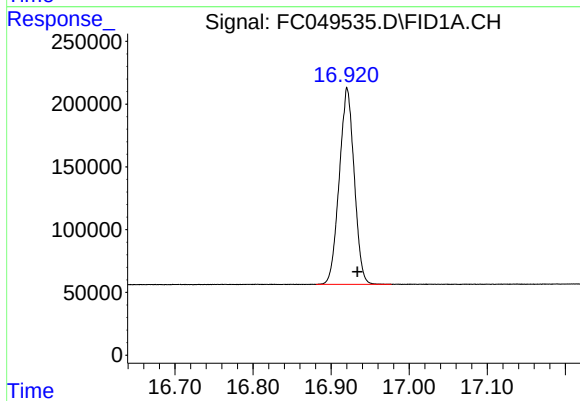
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.012 min
Response: 2156950
Conc: 20.61 ug/ml



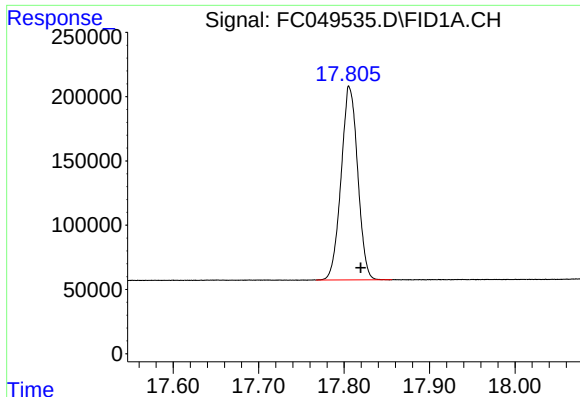
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: -0.014 min
Response: 2107463
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

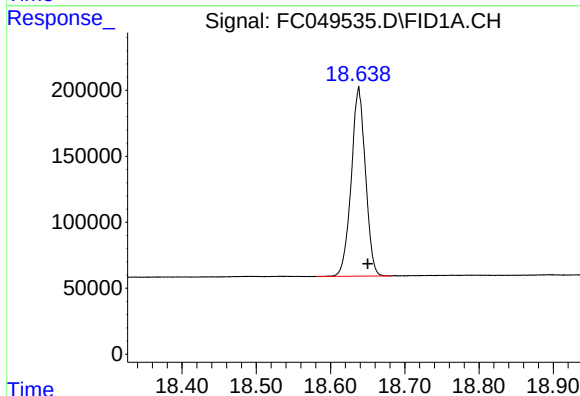
R.T.: 16.921 min
Delta R.T.: -0.013 min
Response: 2080710
Conc: 20.70 ug/ml



#17 n-Tricontane (C30)

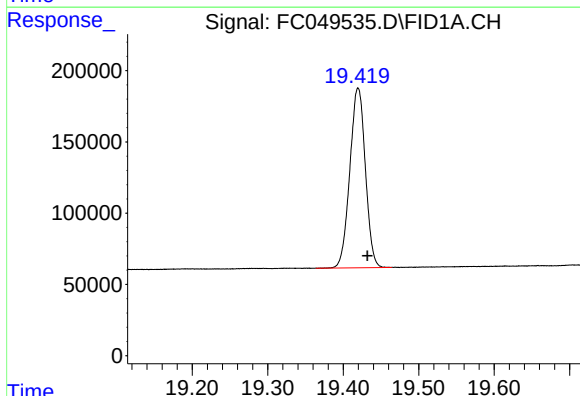
R.T.: 17.806 min
Delta R.T.: -0.013 min
Response: 2030537
Conc: 20.85 ug/ml

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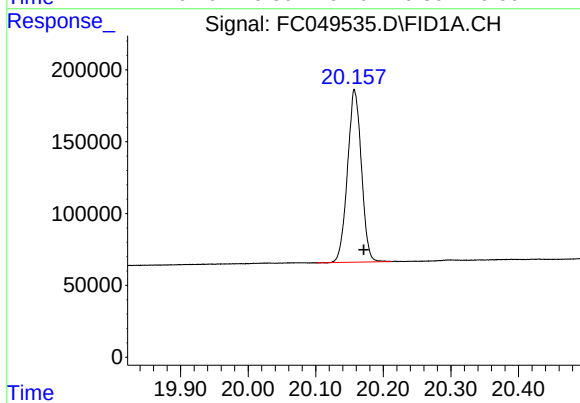
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: -0.012 min
Response: 1895978
Conc: 20.98 ug/ml



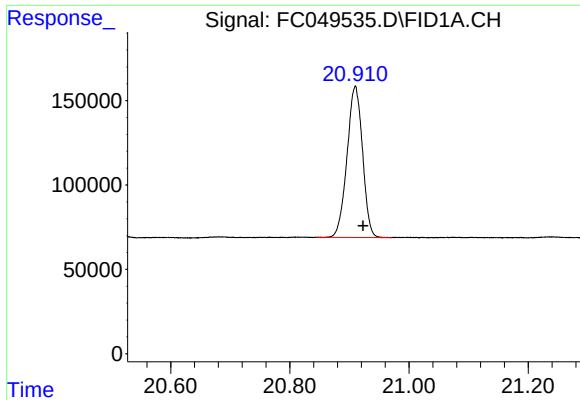
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min
Delta R.T.: -0.012 min
Response: 1798597
Conc: 21.01 ug/ml



#20 n-Hexatriacontane (C36)

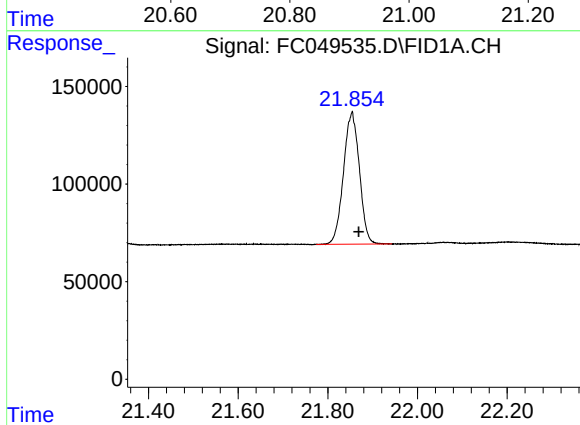
R.T.: 20.157 min
Delta R.T.: -0.014 min
Response: 1710789
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.013 min
Response: 1617676
Conc: 21.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.854 min
Delta R.T.: -0.015 min
Response: 1668023
Conc: 21.44 ug/ml