

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040121AL\
 Data File : FC052924.D
 Signal(s) : FID1A.CH
 Acq On : 02 Apr 2021 12:04
 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: Apr 02 12:43:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.558	2315582	17.275 ug/ml
Spiked Amount 50.000		Recovery =	34.55%
12) S 1-chlorooctadecane (S...	12.996	1797879	16.669 ug/ml
Spiked Amount 50.000		Recovery =	33.34%
Target Compounds			
1) T n-Nonane (C9)	3.317	2346660	20.204 ug/ml
2) T n-Decane (C10)	4.382	2376316	20.278 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2616471	19.984 ug/ml
4) T n-Dodecane (C12)	6.402	2412308	20.092 ug/ml
5) T A~2-methylnaphthalene...	7.026	2630585	19.652 ug/ml
6) T n-Tetradecane (C14)	8.198	2371027	19.604 ug/ml
7) T n-Hexadecane (C16)	9.800	2279758	18.955 ug/ml
8) T n-Octadecane (C18)	11.243	2279184	18.064 ug/ml
10) T n-Eicosane (C20)	12.552	2183670	17.101 ug/ml
11) T n-Heneicosane (C21)	13.164	2120963	16.686 ug/ml
13) T n-Docosane (C22)	13.750	2064837	16.300 ug/ml
14) T n-Tetracosane (C24)	14.852	1961863	15.705 ug/ml
15) T n-Hexacosane (C26)	15.873	1878946	15.604 ug/ml
16) T n-Octacosane (C28)	16.823	1847378	16.023 ug/ml
17) T n-Tricontane (C30)	17.709	1838554	16.875 ug/ml
18) T n-Dotriacontane (C32)	18.542	1821655	18.155 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1824222	19.846 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1799182	19.731 ug/ml
21) T n-Octatriacontane (C38)	20.795	1749393	21.435 ug/ml
22) T n-Tetracontane (C40)	21.696	1797367	20.866 ug/ml

(f)=RT Delta > 1/2 Window

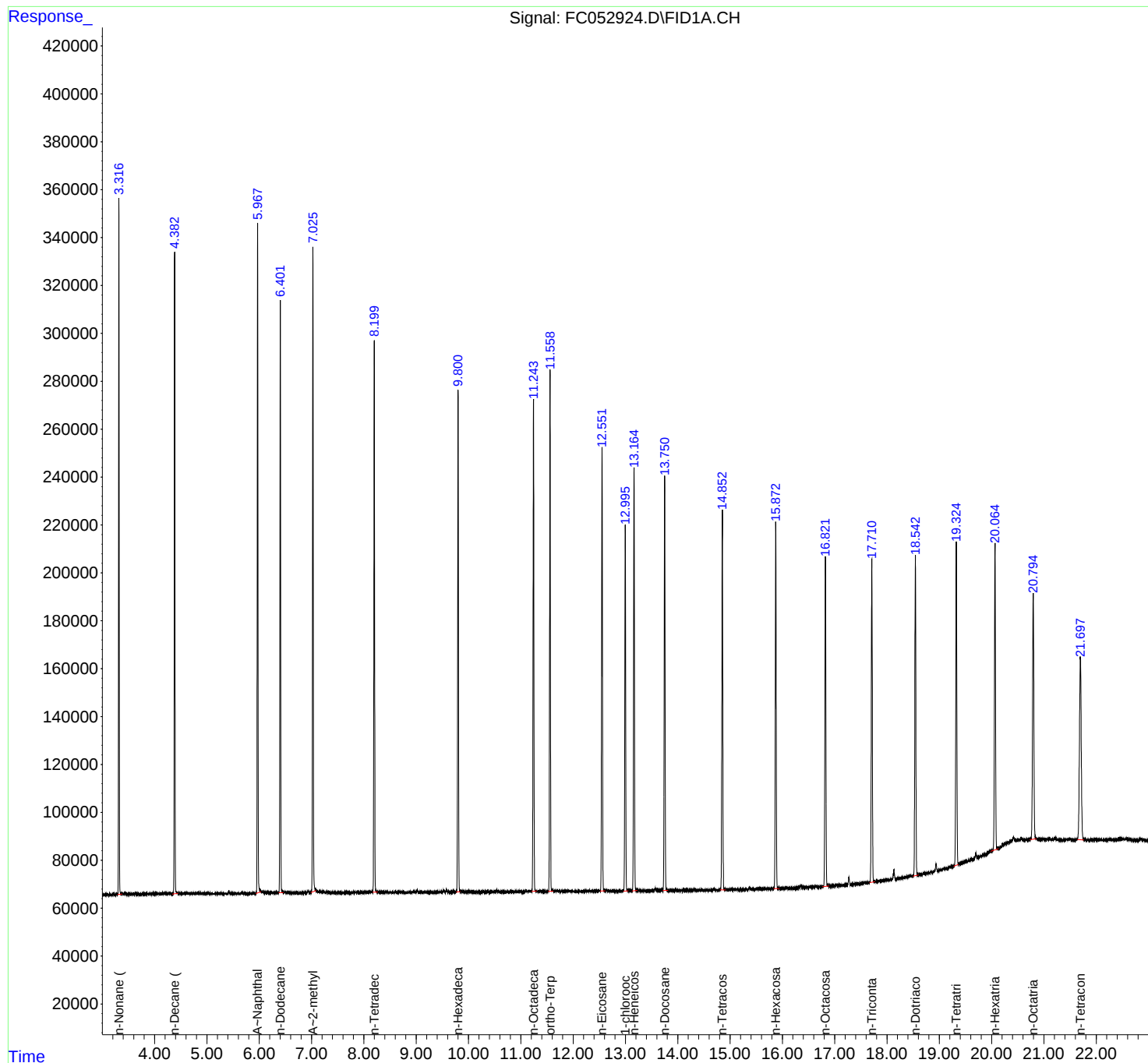
(m)=manual int.

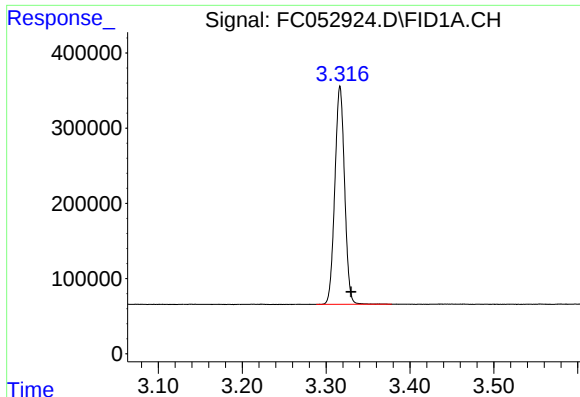
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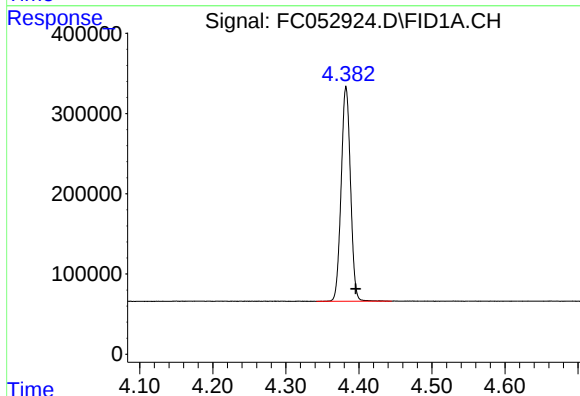




#1 n-Nonane (C9)

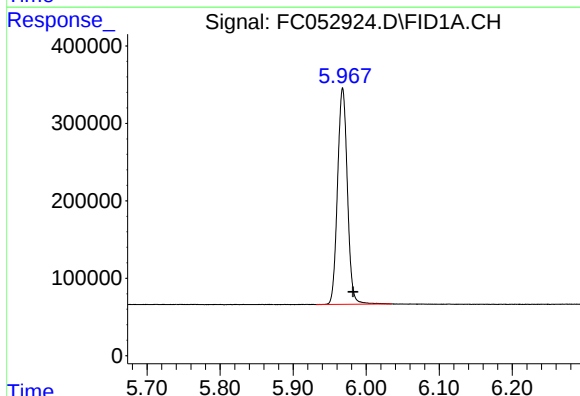
R.T.: 3.317 min
Delta R.T.: -0.013 min
Response: 2346660
Conc: 20.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



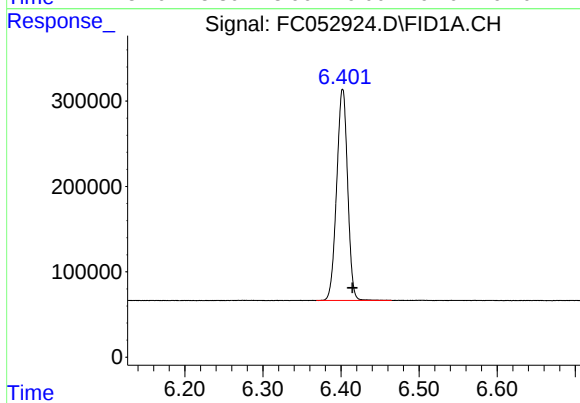
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.013 min
Response: 2376316
Conc: 20.28 ug/ml



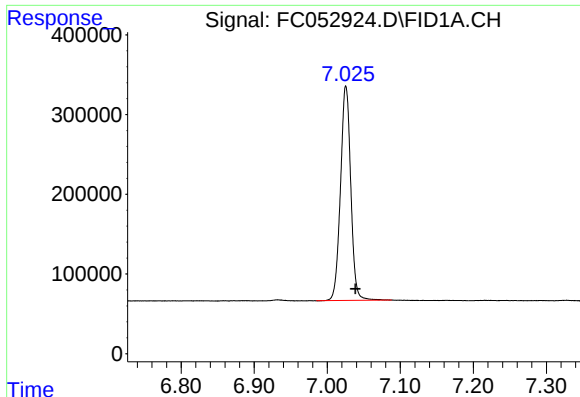
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.014 min
Response: 2616471
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

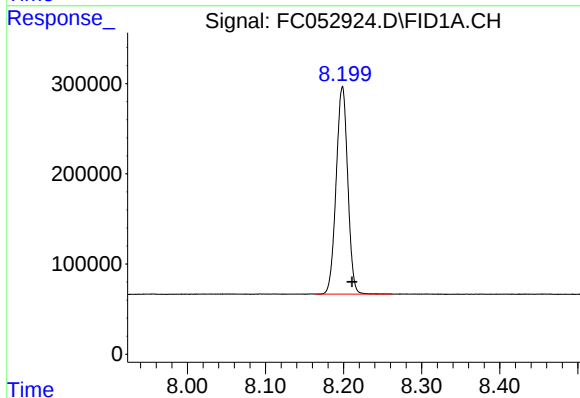
R.T.: 6.402 min
Delta R.T.: -0.013 min
Response: 2412308
Conc: 20.09 ug/ml



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

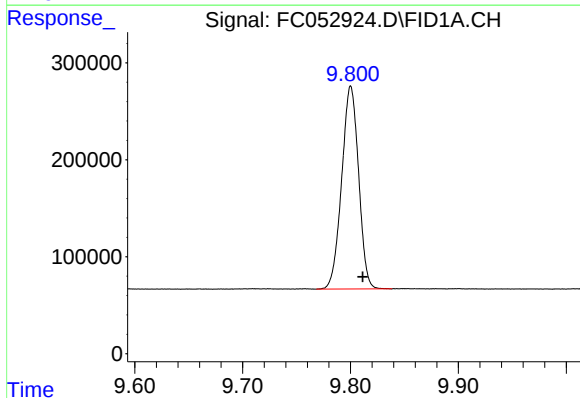
R.T.: 7.026 min
Delta R.T.: -0.013 min
Response: 2630585
Conc: 19.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



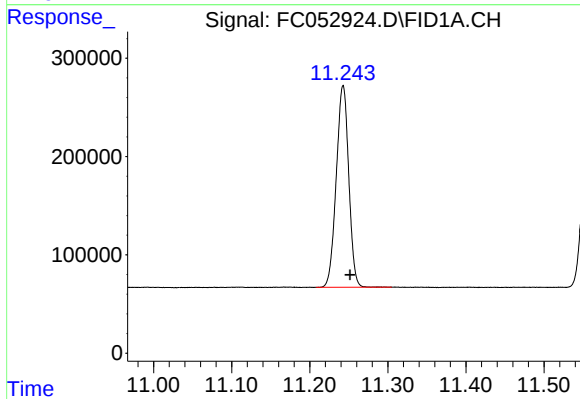
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.012 min
Response: 2371027
Conc: 19.60 ug/ml



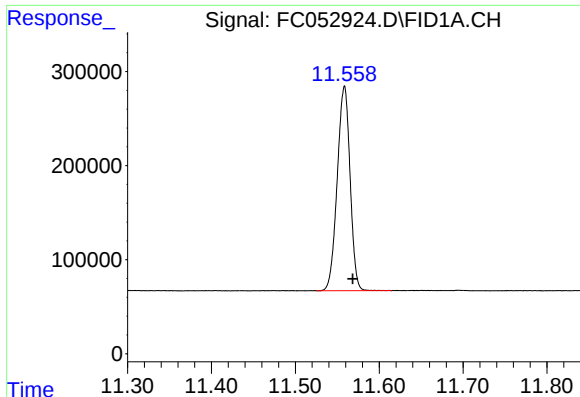
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.011 min
Response: 2279758
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

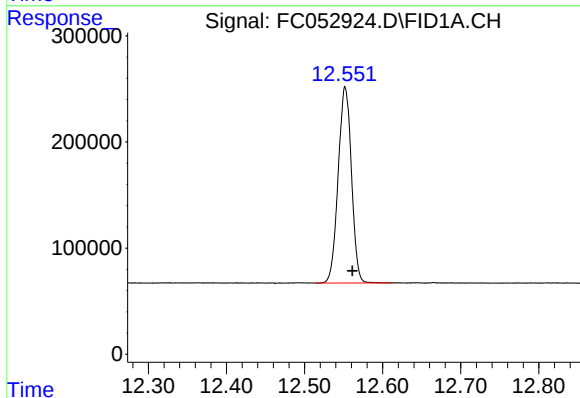
R.T.: 11.243 min
Delta R.T.: -0.009 min
Response: 2279184
Conc: 18.06 ug/ml



#9 ortho-Terphenyl (SURR)

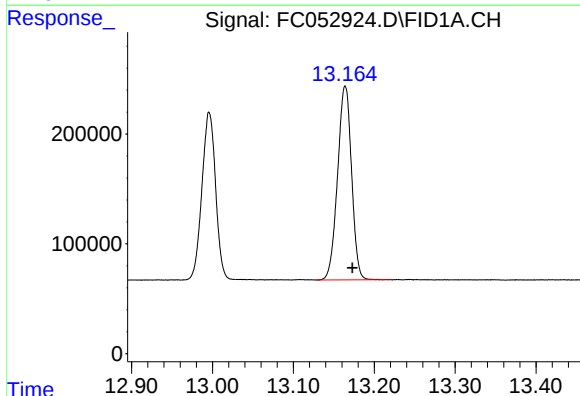
R.T.: 11.558 min
Delta R.T.: -0.010 min
Response: 2315582
Conc: 17.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



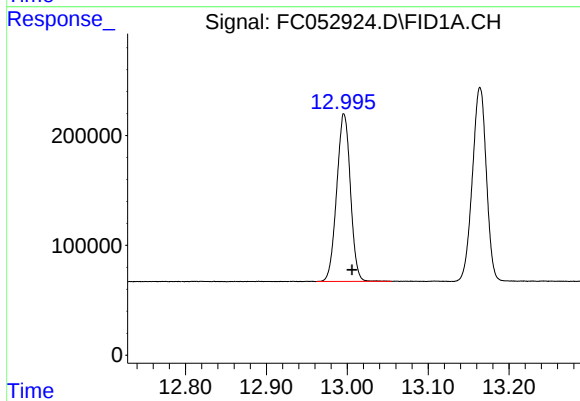
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.009 min
Response: 2183670
Conc: 17.10 ug/ml



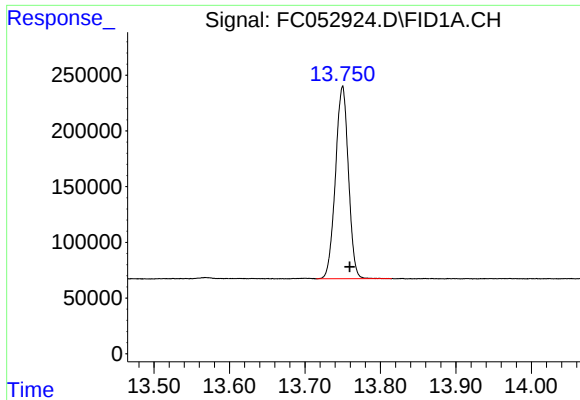
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.009 min
Response: 2120963
Conc: 16.69 ug/ml



#12 1-chlorooctadecane (SURR)

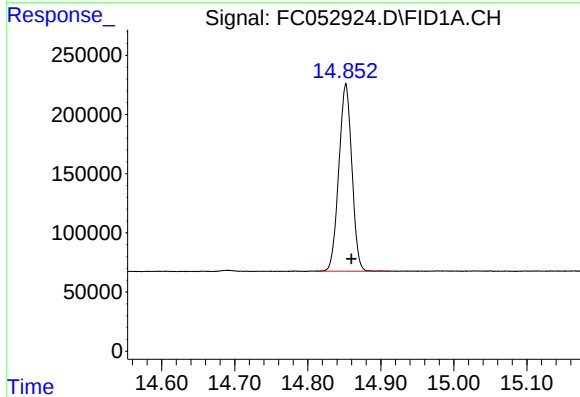
R.T.: 12.996 min
Delta R.T.: -0.010 min
Response: 1797879
Conc: 16.67 ug/ml



#13 n-Docosane (C22)

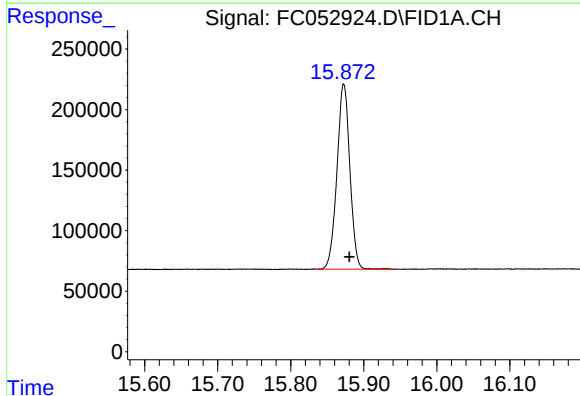
R.T.: 13.750 min
Delta R.T.: -0.010 min
Response: 2064837
Conc: 16.30 ug/ml

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20 PPM ALIPHATIC HC STD



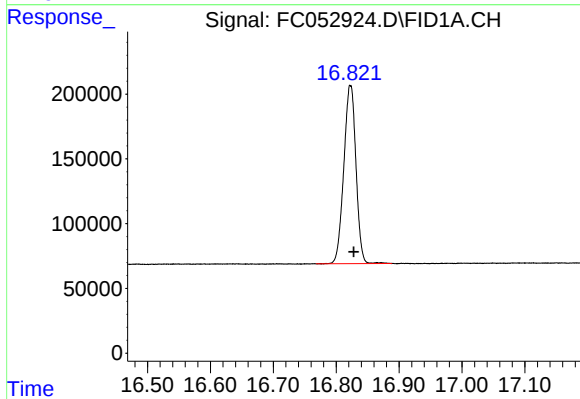
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.008 min
Response: 1961863
Conc: 15.70 ug/ml



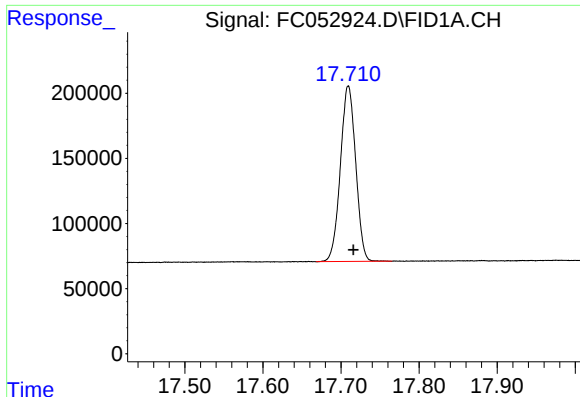
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.008 min
Response: 1878946
Conc: 15.60 ug/ml



#16 n-Octacosane (C28)

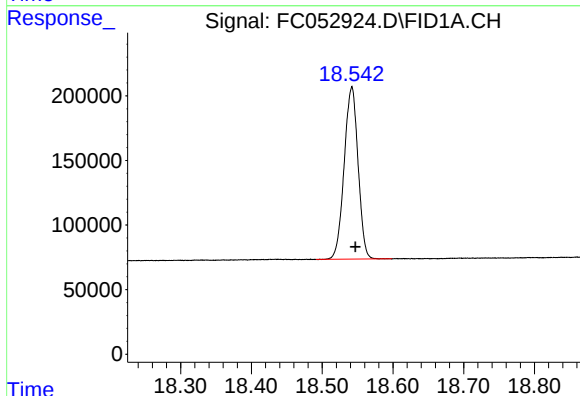
R.T.: 16.823 min
Delta R.T.: -0.005 min
Response: 1847378
Conc: 16.02 ug/ml



#17 n-Tricontane (C30)

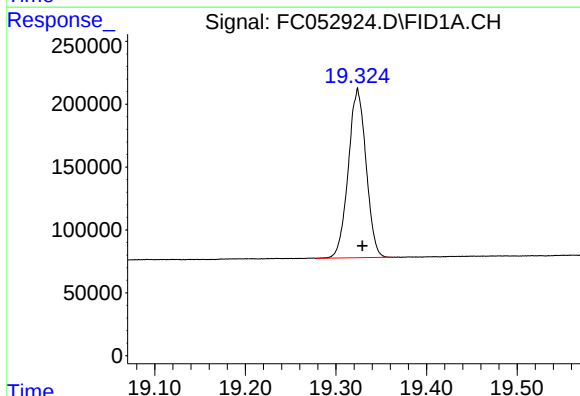
R.T.: 17.709 min
Delta R.T.: -0.007 min
Response: 1838554
Conc: 16.88 ug/ml

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20 PPM ALIPHATIC HC STD



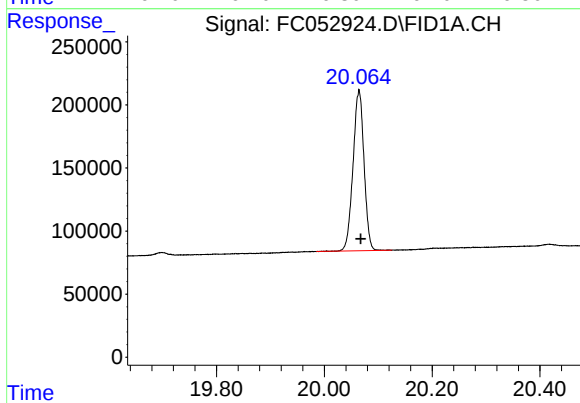
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.006 min
Response: 1821655
Conc: 18.16 ug/ml



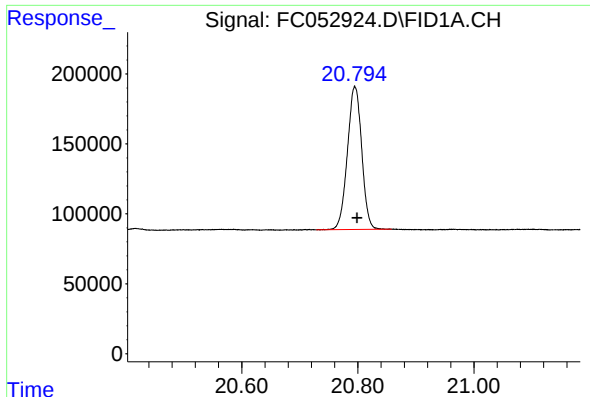
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.005 min
Response: 1824222
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

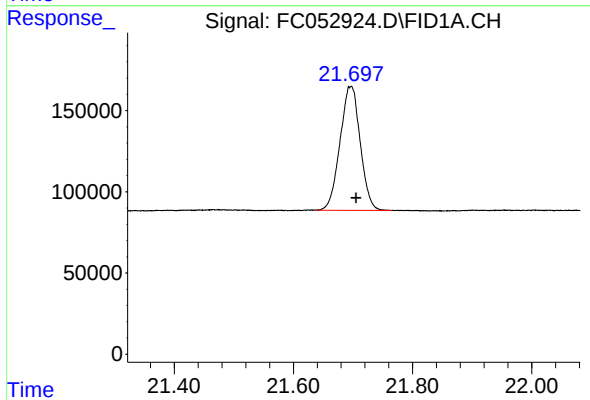
R.T.: 20.064 min
Delta R.T.: -0.004 min
Response: 1799182
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.004 min
Response: 1749393
Conc: 21.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: -0.009 min
Response: 1797367
Conc: 20.87 ug/ml