

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032919AL\
 Data File : FC040223.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2019 9:09
 Operator : AJ\SJ
 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: Mar 30 09:36:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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)	11.027	2846716	22.106 ug/ml
Spiked Amount 50.000		Recovery =	44.21%
12) S 1-chlorooctadecane (S...	12.457	2174912	22.018 ug/ml
Spiked Amount 50.000		Recovery =	44.04%
Target Compounds			
1) T n-Nonane (C9)	2.856	1810022	21.931 ug/ml
2) T n-Decane (C10)	3.878	1919968	22.685 ug/ml
3) T A~Naphthalene (C11.7)	5.454	2318049	23.758 ug/ml
4) T n-Dodecane (C12)	5.874	2040989	23.629 ug/ml
5) T A~2-methylnaphthalene...	6.503	2388608	24.039 ug/ml
6) T n-Tetradecane (C14)	7.665	2159255	23.691 ug/ml
7) T n-Hexadecane (C16)	9.264	2210355	22.997 ug/ml
8) T n-Octadecane (C18)	10.704	2206733	21.999 ug/ml
10) T n-Eicosane (C20)	12.011	2203049	21.647 ug/ml
11) T n-Heneicosane (C21)	12.623	2180283	21.621 ug/ml
13) T n-Docosane (C22)	13.209	2174974	21.637 ug/ml
14) T n-Tetracosane (C24)	14.311	2170152	21.797 ug/ml
15) T n-Hexacosane (C26)	15.329	2163892	22.102 ug/ml
16) T n-Octacosane (C28)	16.279	2196130	22.387 ug/ml
17) T n-Tricontane (C30)	17.165	2207146	22.556 ug/ml
18) T n-Dotriacontane (C32)	17.998	2145027	22.164 ug/ml
19) T n-Tetratriacontane (C34)	18.814	1883754	22.471 ug/ml
20) T n-Hexatriacontane (C36)	19.842	1651181	22.426 ug/ml
21) T n-Octatriacontane (C38)	21.227	1537661	22.253 ug/ml
22) T n-Tetracontane (C40)	23.155	1477022	21.789 ug/ml

(f)=RT Delta > 1/2 Window

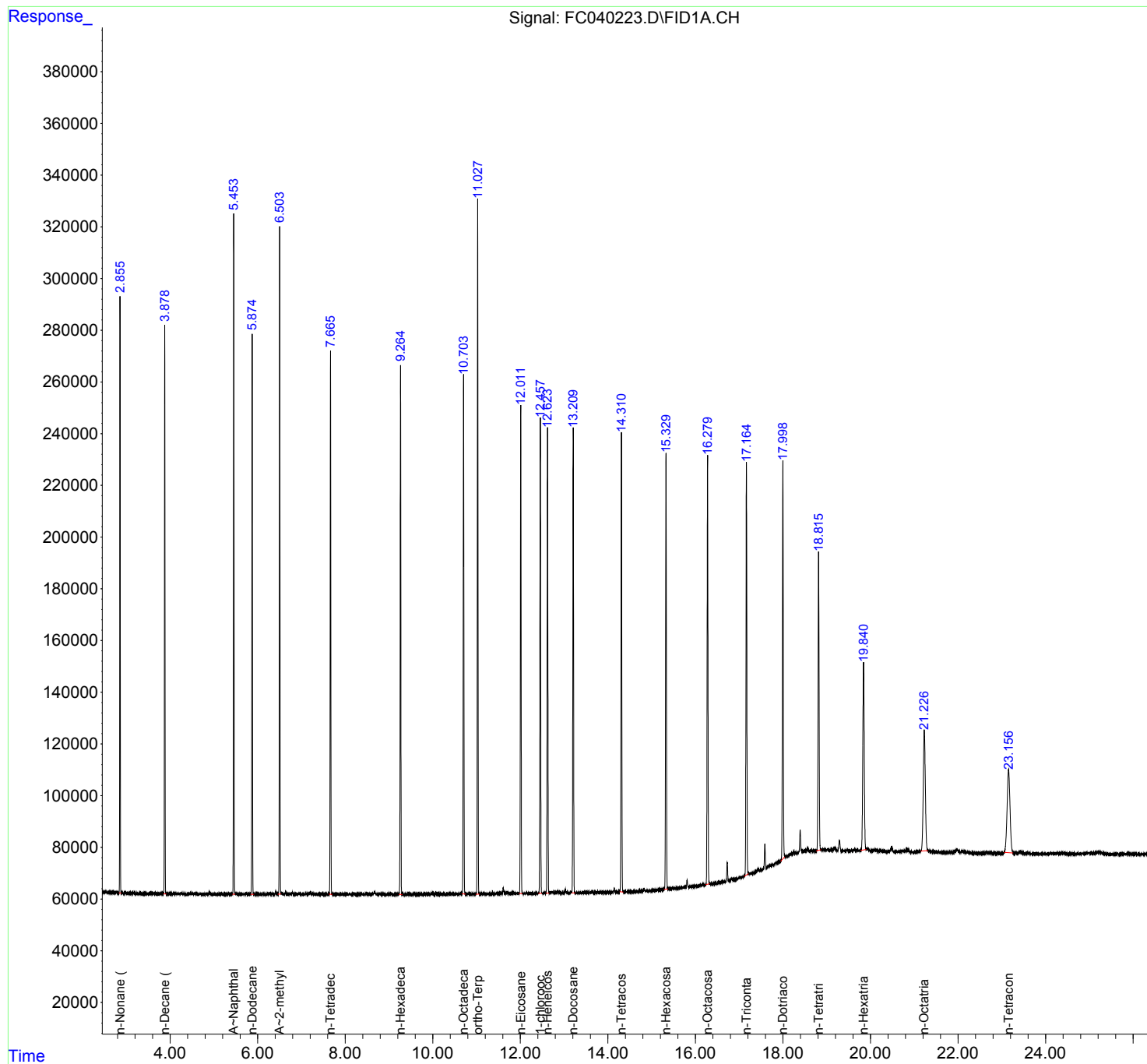
(m)=manual int.

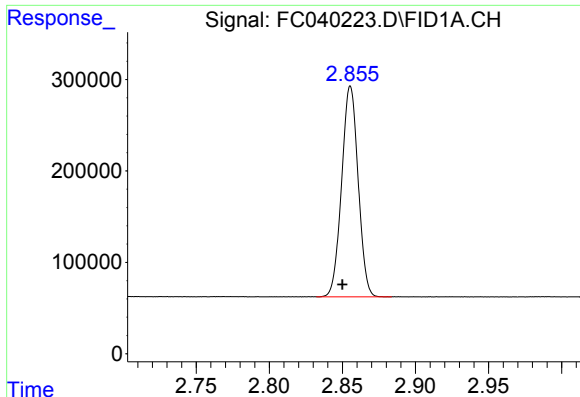
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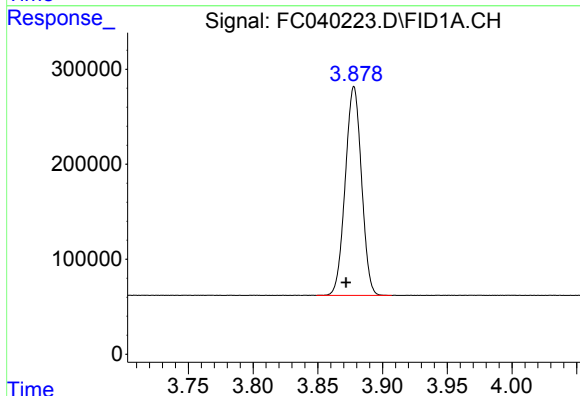




#1 n-Nonane (C9)

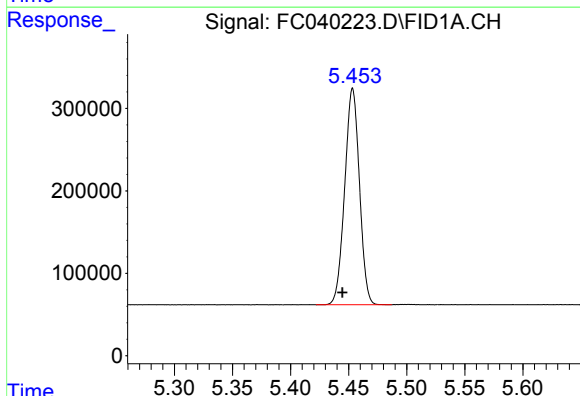
R.T.: 2.856 min
Delta R.T.: 0.006 min
Response: 1810022
Conc: 21.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



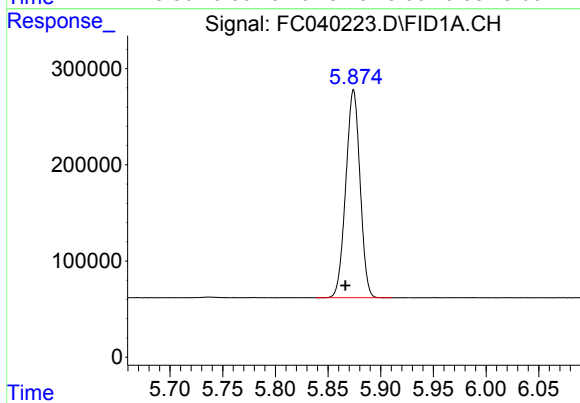
#2 n-Decane (C10)

R.T.: 3.878 min
Delta R.T.: 0.006 min
Response: 1919968
Conc: 22.69 ug/ml



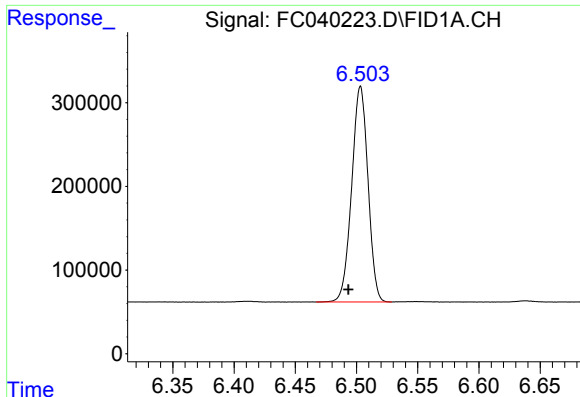
#3 A~Naphthalene (C11.7)

R.T.: 5.454 min
Delta R.T.: 0.009 min
Response: 2318049
Conc: 23.76 ug/ml



#4 n-Dodecane (C12)

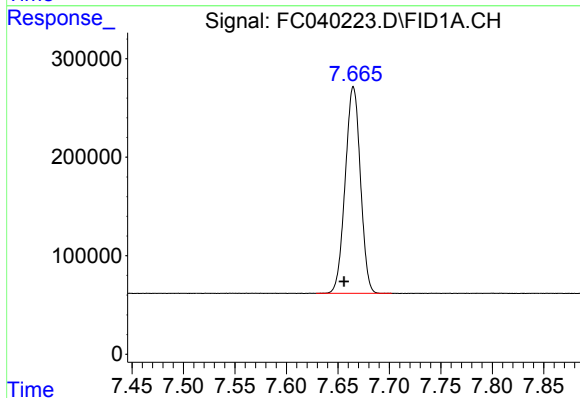
R.T.: 5.874 min
Delta R.T.: 0.008 min
Response: 2040989
Conc: 23.63 ug/ml



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

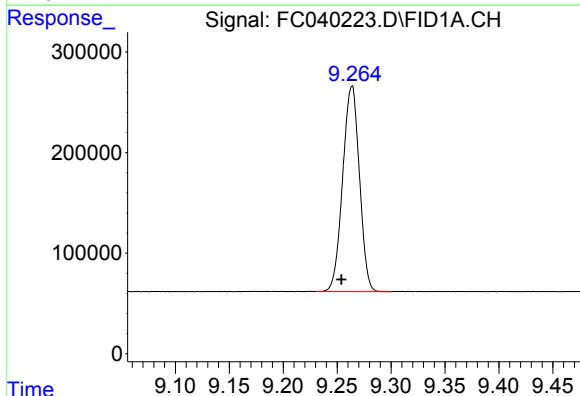
R.T.: 6.503 min
Delta R.T.: 0.010 min
Response: 2388608
Conc: 24.04 ug/ml

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20 PPM ALIPHATIC HC STD



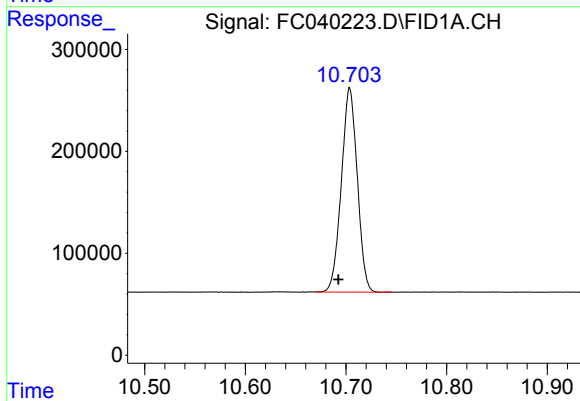
#6 n-Tetradecane (C14)

R.T.: 7.665 min
Delta R.T.: 0.009 min
Response: 2159255
Conc: 23.69 ug/ml



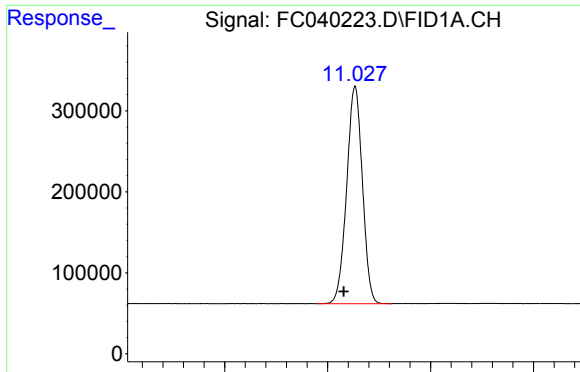
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.010 min
Response: 2210355
Conc: 23.00 ug/ml



#8 n-Octadecane (C18)

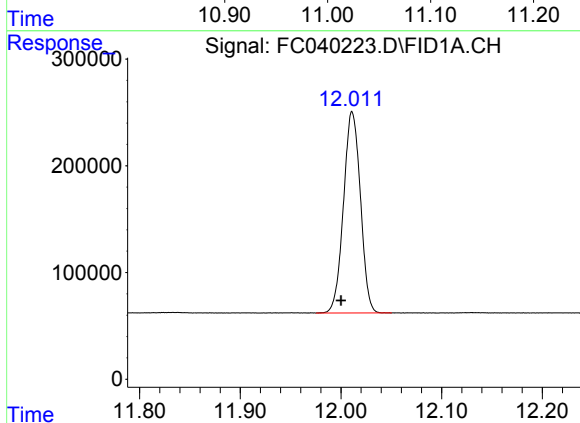
R.T.: 10.704 min
Delta R.T.: 0.011 min
Response: 2206733
Conc: 22.00 ug/ml



#9 ortho-Terphenyl (SURR)

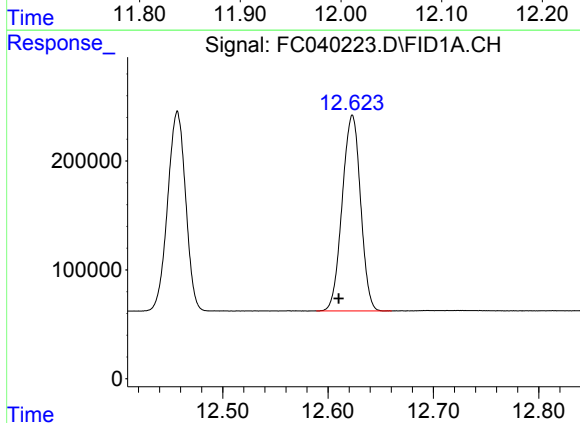
R.T.: 11.027 min
Delta R.T.: 0.011 min
Response: 2846716
Conc: 22.11 ug/ml

Instrument :
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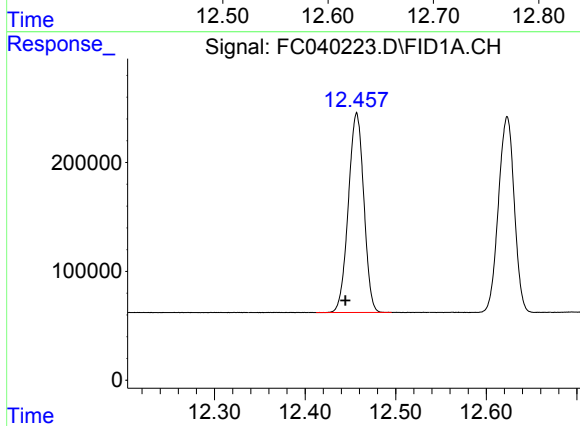
#10 n-Eicosane (C20)

R.T.: 12.011 min
Delta R.T.: 0.011 min
Response: 2203049
Conc: 21.65 ug/ml



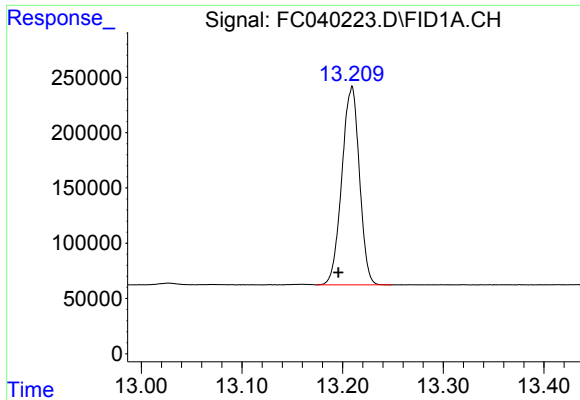
#11 n-Heneicosane (C21)

R.T.: 12.623 min
Delta R.T.: 0.013 min
Response: 2180283
Conc: 21.62 ug/ml



#12 1-chlorooctadecane (SURR)

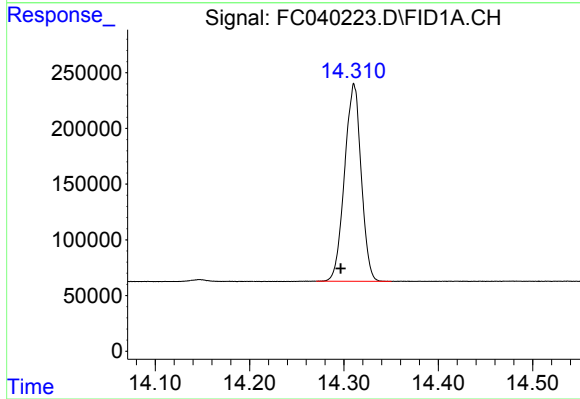
R.T.: 12.457 min
Delta R.T.: 0.012 min
Response: 2174912
Conc: 22.02 ug/ml



#13 n-Docosane (C22)

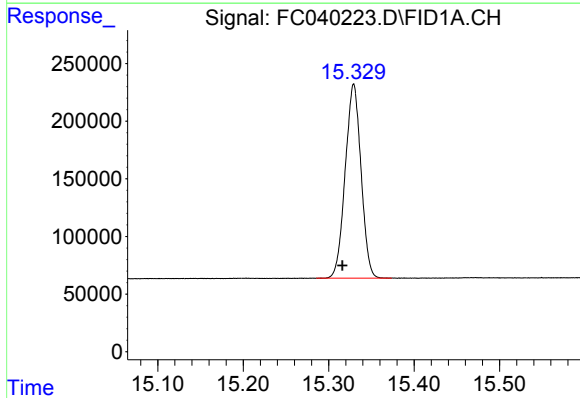
R.T.: 13.209 min
Delta R.T.: 0.014 min
Response: 2174974
Conc: 21.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



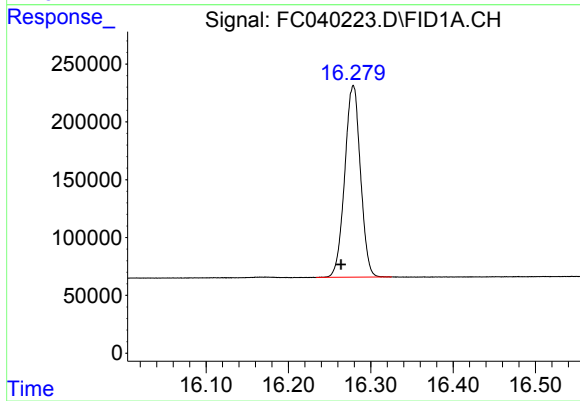
#14 n-Tetracosane (C24)

R.T.: 14.311 min
Delta R.T.: 0.014 min
Response: 2170152
Conc: 21.80 ug/ml



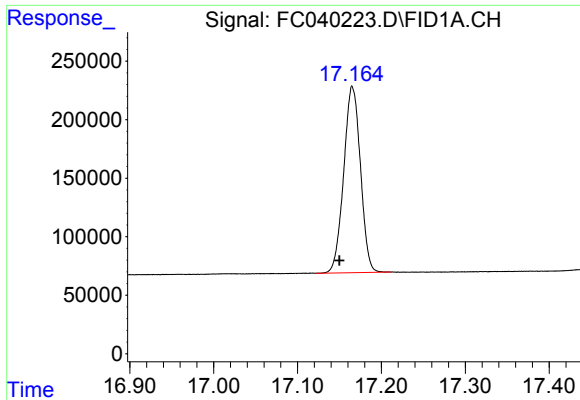
#15 n-Hexacosane (C26)

R.T.: 15.329 min
Delta R.T.: 0.013 min
Response: 2163892
Conc: 22.10 ug/ml



#16 n-Octacosane (C28)

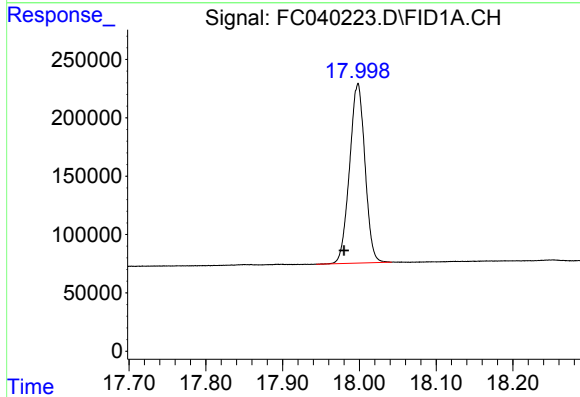
R.T.: 16.279 min
Delta R.T.: 0.015 min
Response: 2196130
Conc: 22.39 ug/ml



#17 n-Tricontane (C30)

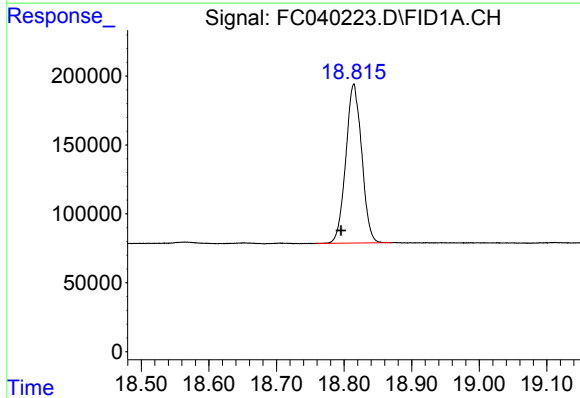
R.T.: 17.165 min
Delta R.T.: 0.015 min
Response: 2207146
Conc: 22.56 ug/ml

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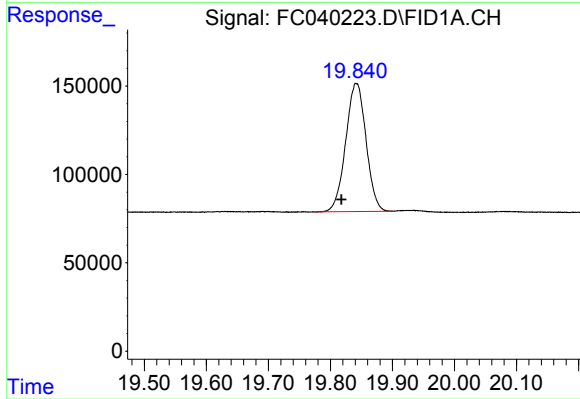
#18 n-Dotriacontane (C32)

R.T.: 17.998 min
Delta R.T.: 0.018 min
Response: 2145027
Conc: 22.16 ug/ml



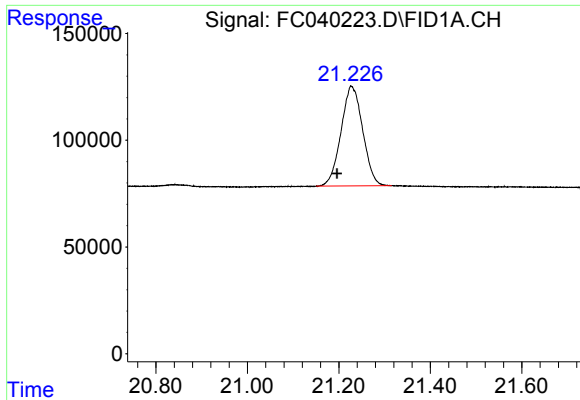
#19 n-Tetratriacontane (C34)

R.T.: 18.814 min
Delta R.T.: 0.019 min
Response: 1883754
Conc: 22.47 ug/ml



#20 n-Hexatriacontane (C36)

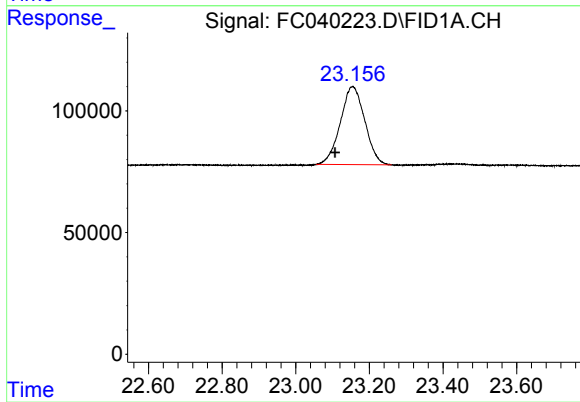
R.T.: 19.842 min
Delta R.T.: 0.024 min
Response: 1651181
Conc: 22.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.031 min
Response: 1537661
Conc: 22.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.155 min
Delta R.T.: 0.049 min
Response: 1477022
Conc: 21.79 ug/ml