

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102720AL\
 Data File : FC050340.D
 Signal(s) : FID1A.CH
 Acq On : 27 Oct 2020 9:37
 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

Manual Integrations
 APPROVED

Ankita
 10/28/2020 3:42:22 PM

Integration File: autoint1.e
 Quant Time: Oct 27 15:11:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.627	2068846	18.457 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	13.061	1599156	18.461 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
Target Compounds			
1) T n-Nonane (C9)	3.371	1971859	19.898 ug/ml
2) T n-Decane (C10)	4.443	1977438	19.862 ug/ml
3) T A~Naphthalene (C11.7)	6.038	2158276	19.582 ug/ml
4) T n-Dodecane (C12)	6.465	2008522	19.906 ug/ml
5) T A~2-methylnaphthalene...	7.096	2161929	19.423 ug/ml
6) T n-Tetradecane (C14)	8.262	1989593	19.860 ug/ml
7) T n-Hexadecane (C16)	9.863	1950933	19.795 ug/ml
8) T n-Octadecane (C18)	11.306	2004811	19.412 ug/ml
10) T n-Eicosane (C20)	12.615	1966771	18.901 ug/ml
11) T n-Heneicosane (C21)	13.228	1937161	18.642 ug/ml
13) T n-Docosane (C22)	13.813	1908124	18.382 ug/ml
14) T n-Tetracosane (C24)	14.916	1849925	17.810 ug/ml
15) T n-Hexacosane (C26)	15.937	1777909	17.253 ug/ml
16) T n-Octacosane (C28)	16.885	1732655	16.742 ug/ml
17) T n-Tricontane (C30)	17.771	1667712	16.342 ug/ml
18) T n-Dotriacontane (C32)	18.602	1564050	16.281 ug/mlm
19) T n-Tetratriacontane (C34)	19.385	1540686	16.797 ug/ml
20) T n-Hexatriacontane (C36)	20.125	1500551	16.941 ug/mlm
21) T n-Octatriacontane (C38)	20.869	1461839	17.728 ug/mlm
22) T n-Tetracontane (C40)	21.799	1410466	16.867 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

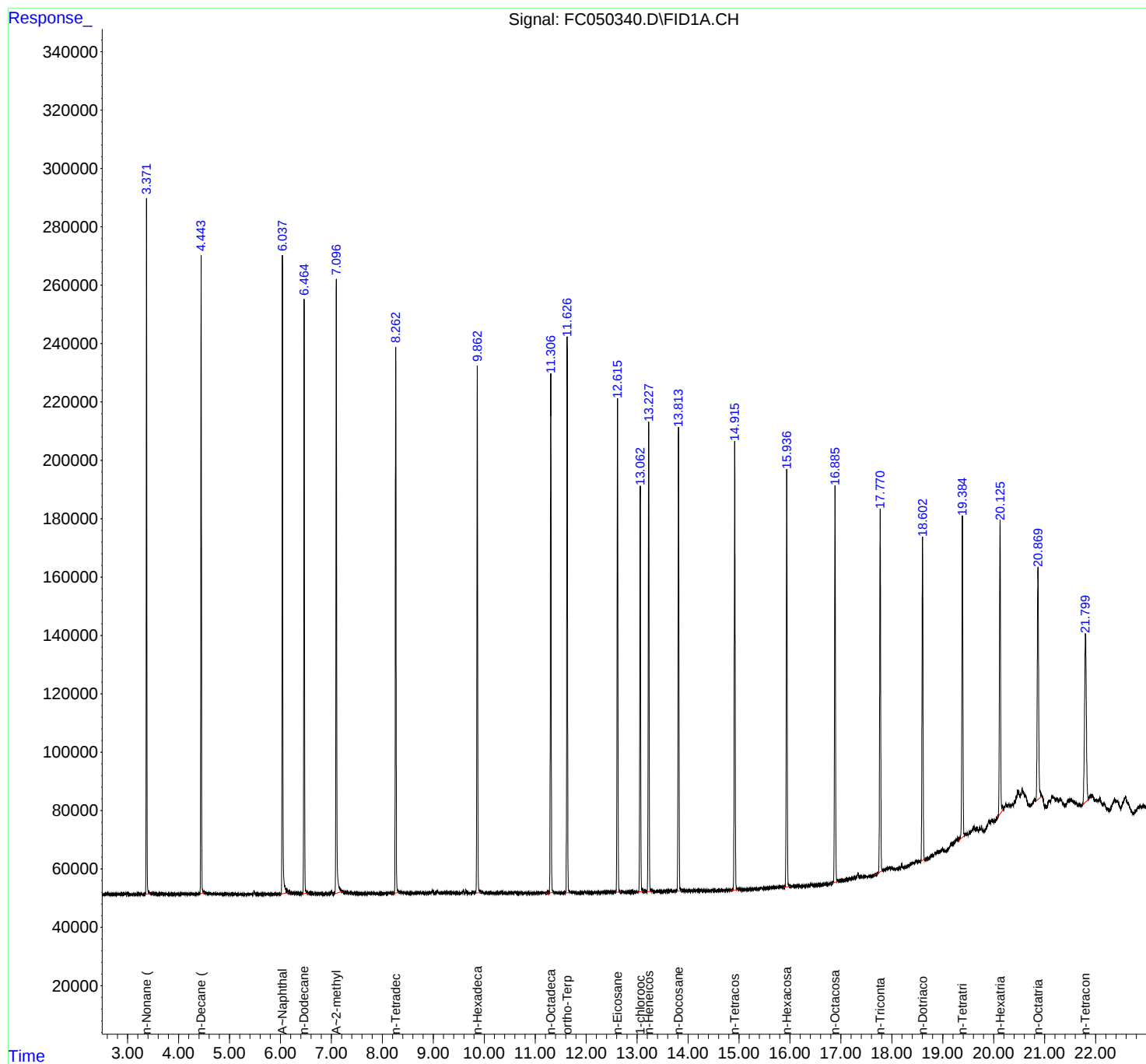
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

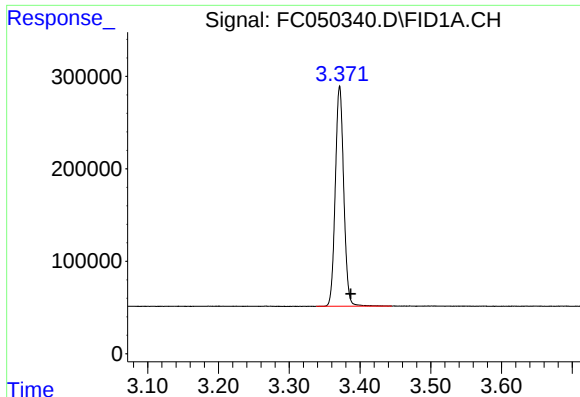
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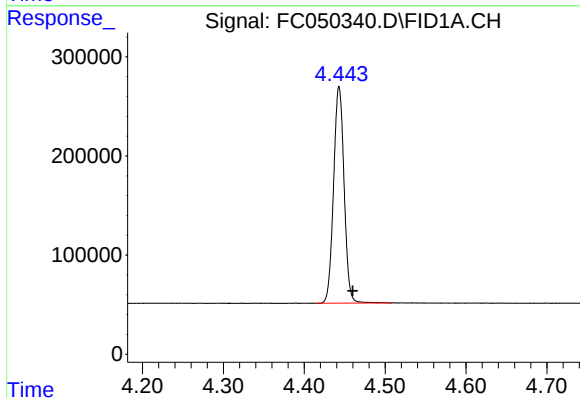
#1 n-Nonane (C9)

R.T.: 3.371 min
Delta R.T.: -0.016 min
Response: 1971859
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

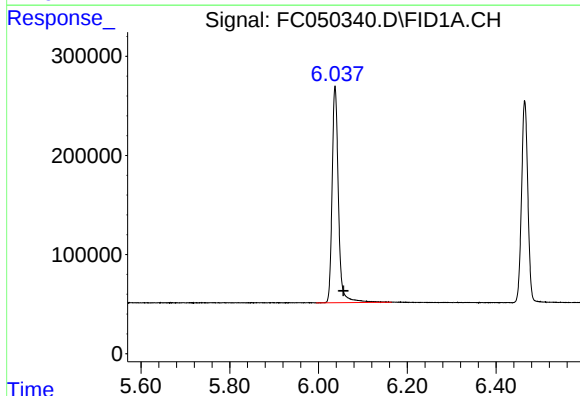
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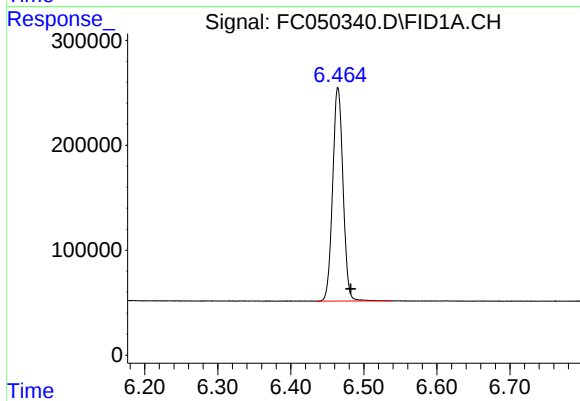
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: -0.017 min
Response: 1977438
Conc: 19.86 ug/ml



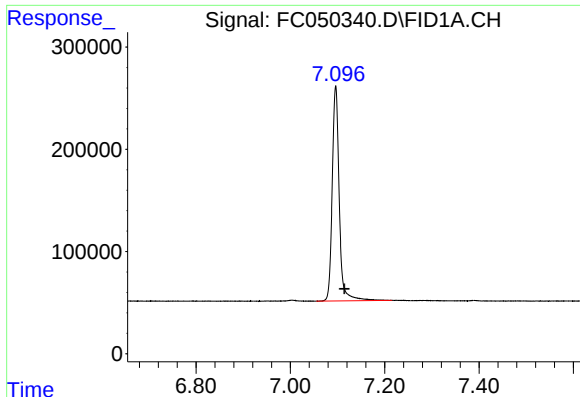
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.019 min
Response: 2158276
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.017 min
Response: 2008522
Conc: 19.91 ug/ml



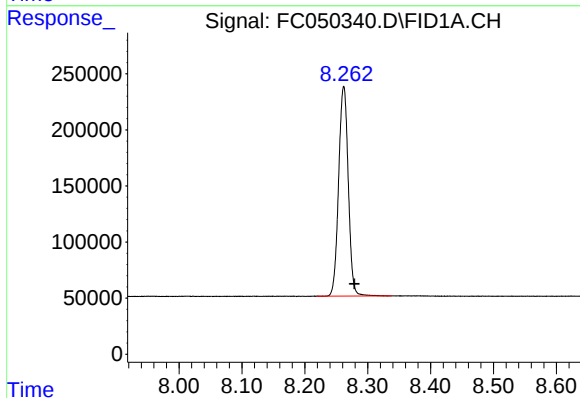
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.018 min
Response: 2161929
Conc: 19.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

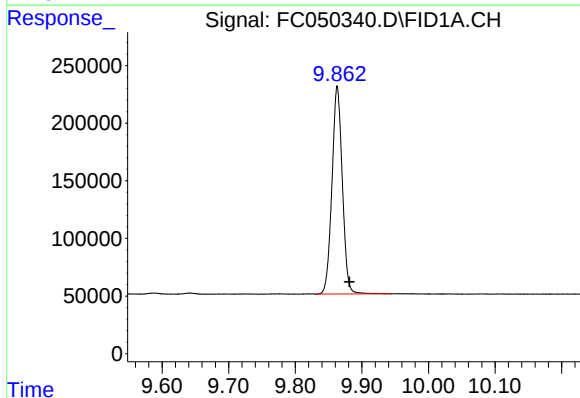
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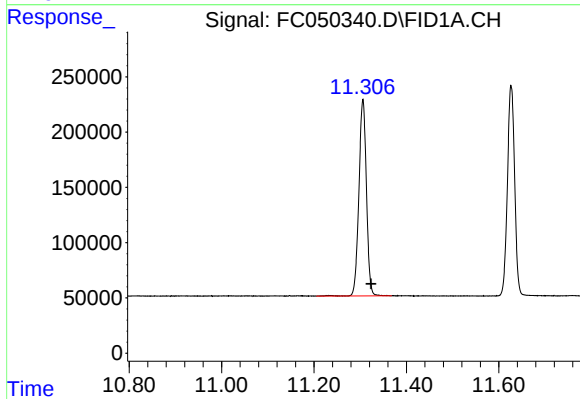
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.017 min
Response: 1989593
Conc: 19.86 ug/ml



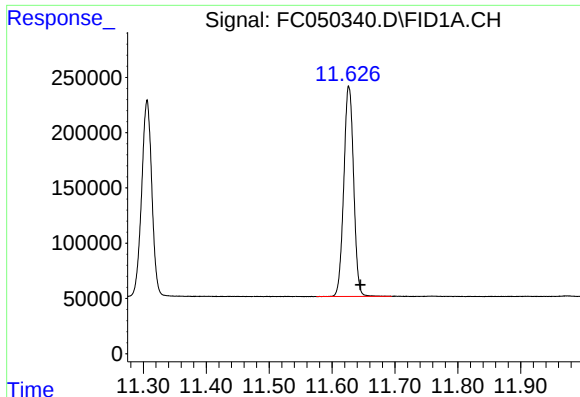
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.018 min
Response: 1950933
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.017 min
Response: 2004811
Conc: 19.41 ug/ml



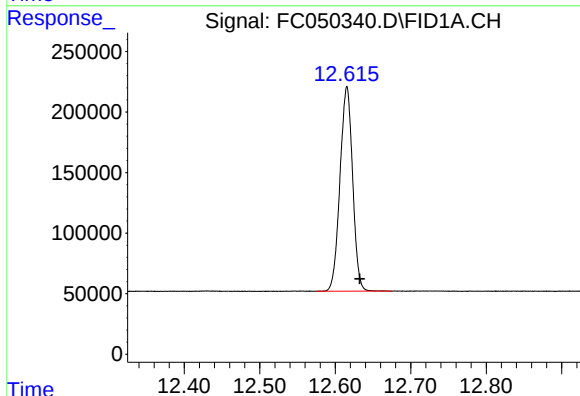
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.018 min
Response: 2068846
Conc: 18.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

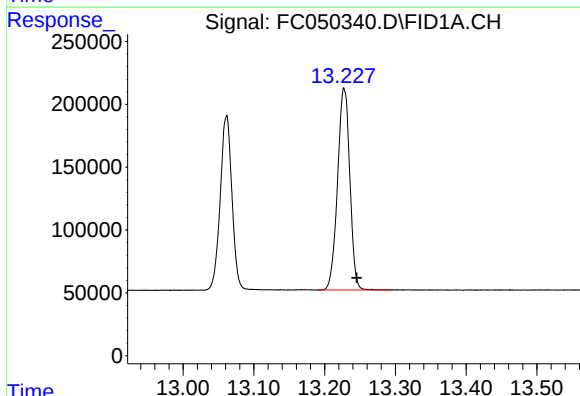
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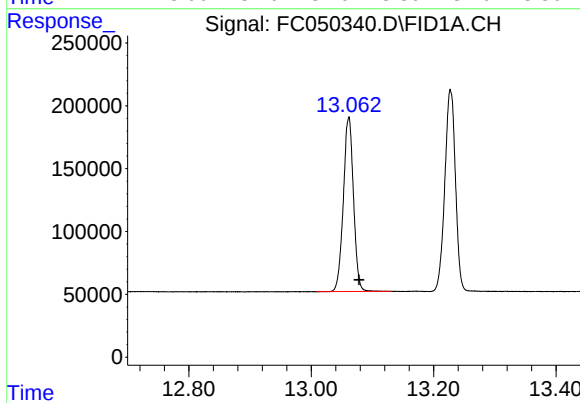
#10 n-Eicosane (C20)

R.T.: 12.615 min
Delta R.T.: -0.017 min
Response: 1966771
Conc: 18.90 ug/ml



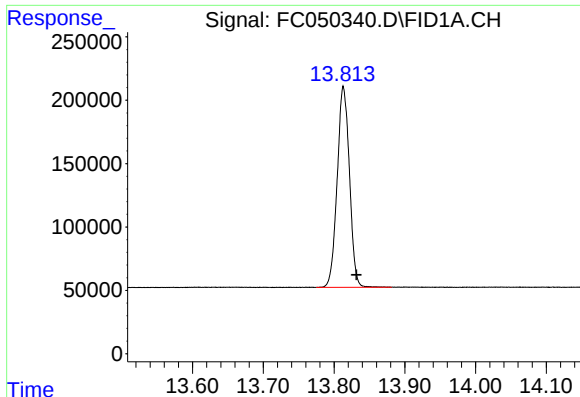
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.018 min
Response: 1937161
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.061 min
Delta R.T.: -0.017 min
Response: 1599156
Conc: 18.46 ug/ml



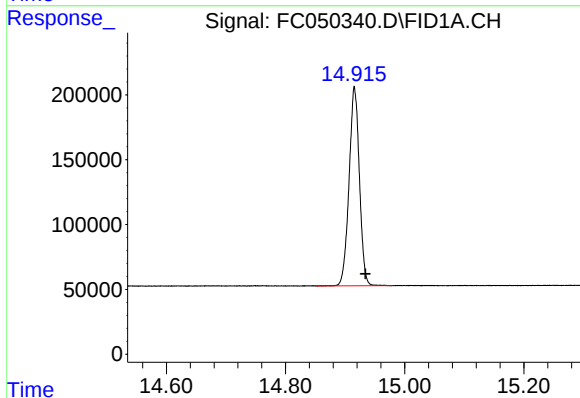
#13 n-Docosane (C22)

R.T.: 13.813 min
Delta R.T.: -0.018 min
Response: 1908124
Conc: 18.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

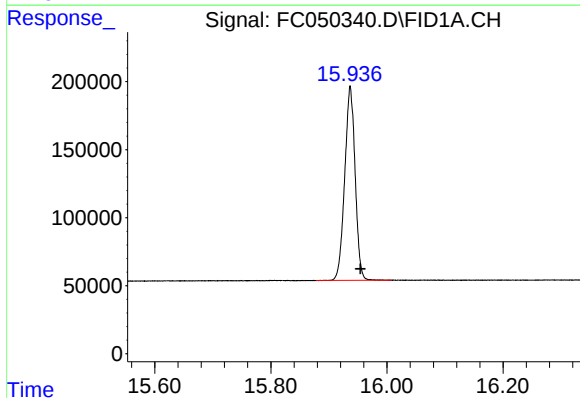
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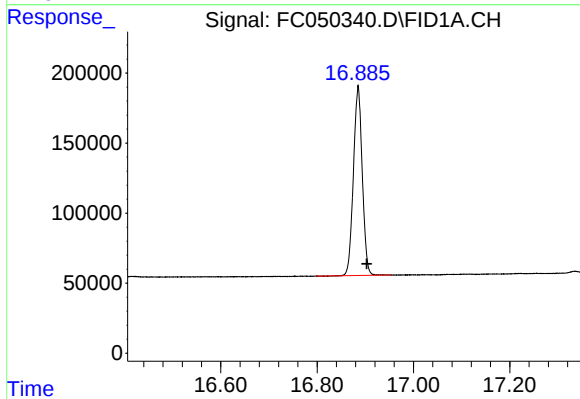
#14 n-Tetracosane (C24)

R.T.: 14.916 min
Delta R.T.: -0.018 min
Response: 1849925
Conc: 17.81 ug/ml



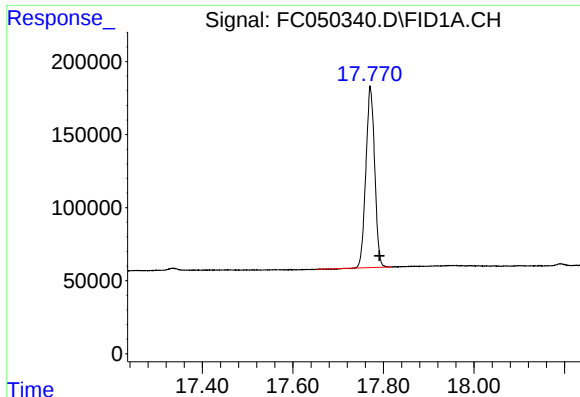
#15 n-Hexacosane (C26)

R.T.: 15.937 min
Delta R.T.: -0.017 min
Response: 1777909
Conc: 17.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.885 min
Delta R.T.: -0.018 min
Response: 1732655
Conc: 16.74 ug/ml



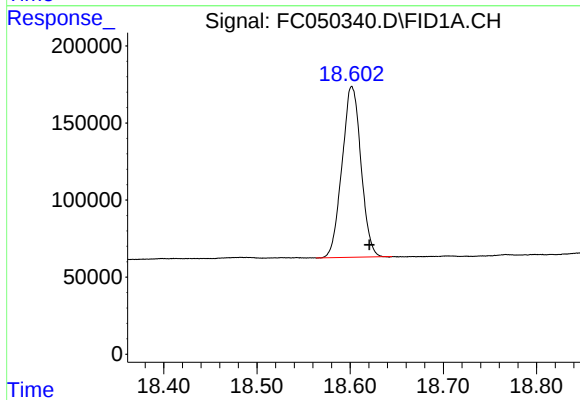
#17 n-Tricontane (C30)

R.T.: 17.771 min
Delta R.T.: -0.020 min
Response: 1667712
Conc: 16.34 ug/ml

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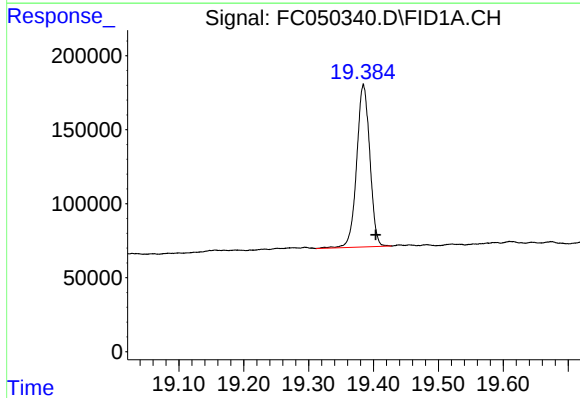
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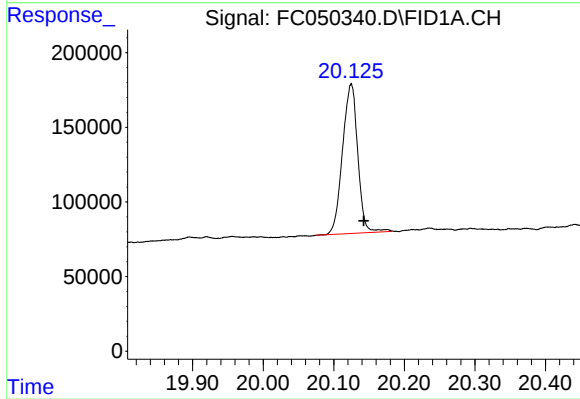
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.019 min
Response: 1564050
Conc: 16.28 ug/ml m



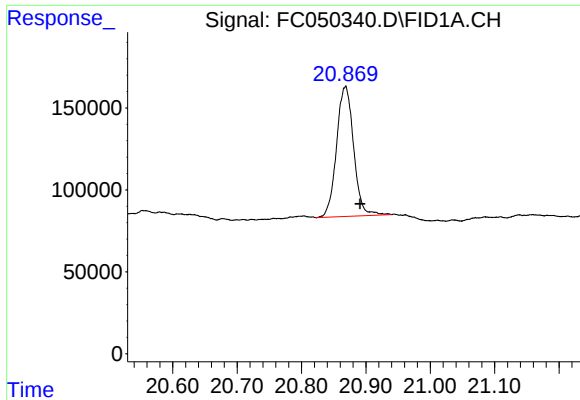
#19 n-Tetratriacontane (C34)

R.T.: 19.385 min
Delta R.T.: -0.019 min
Response: 1540686
Conc: 16.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.125 min
Delta R.T.: -0.018 min
Response: 1500551
Conc: 16.94 ug/ml m



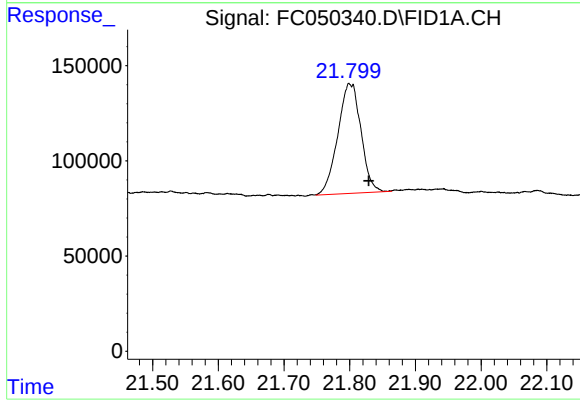
#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: -0.022 min
Response: 1461839
Conc: 17.73 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.799 min
Delta R.T.: -0.030 min
Response: 1410466
Conc: 16.87 ug/ml m