

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062520AL\
 Data File : FC048059.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2020 9:04
 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: Jun 26 02:02:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.721	2463718	20.538 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	13.133	1991057	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T n-Nonane (C9)	3.535	2223916	22.223 ug/ml
2) T n-Decane (C10)	4.597	2275698	22.649 ug/ml
3) T A~Naphthalene (C11.7)	6.196	2234116	22.142 ug/ml
4) T n-Dodecane (C12)	6.595	2375367	22.691 ug/ml
5) T A~2-methylnaphthalene...	7.242	2256112	21.797 ug/ml
6) T n-Tetradecane (C14)	8.372	2372650	22.606 ug/ml
7) T n-Hexadecane (C16)	9.957	2328387	22.286 ug/ml
8) T n-Octadecane (C18)	11.387	2399692	21.588 ug/ml
10) T n-Eicosane (C20)	12.687	2368527	20.813 ug/ml
11) T n-Heneicosane (C21)	13.295	2334968	20.405 ug/ml
13) T n-Docosane (C22)	13.877	2289783	19.962 ug/ml
14) T n-Tetracosane (C24)	14.972	2211681	19.246 ug/ml
15) T n-Hexacosane (C26)	15.987	2120277	18.563 ug/ml
16) T n-Octacosane (C28)	16.930	2078125	18.284 ug/ml
17) T n-Tricontane (C30)	17.811	2034385	18.562 ug/ml
18) T n-Dotriacontane (C32)	18.639	1887809	19.043 ug/ml
19) T n-Tetratriacontane (C34)	19.417	1795004	19.599 ug/ml
20) T n-Hexatriacontane (C36)	20.153	1721846	20.078 ug/ml
21) T n-Octatriacontane (C38)	20.903	1646609	20.677 ug/ml
22) T n-Tetracontane (C40)	21.839	1684975	21.311 ug/ml

(f)=RT Delta > 1/2 Window

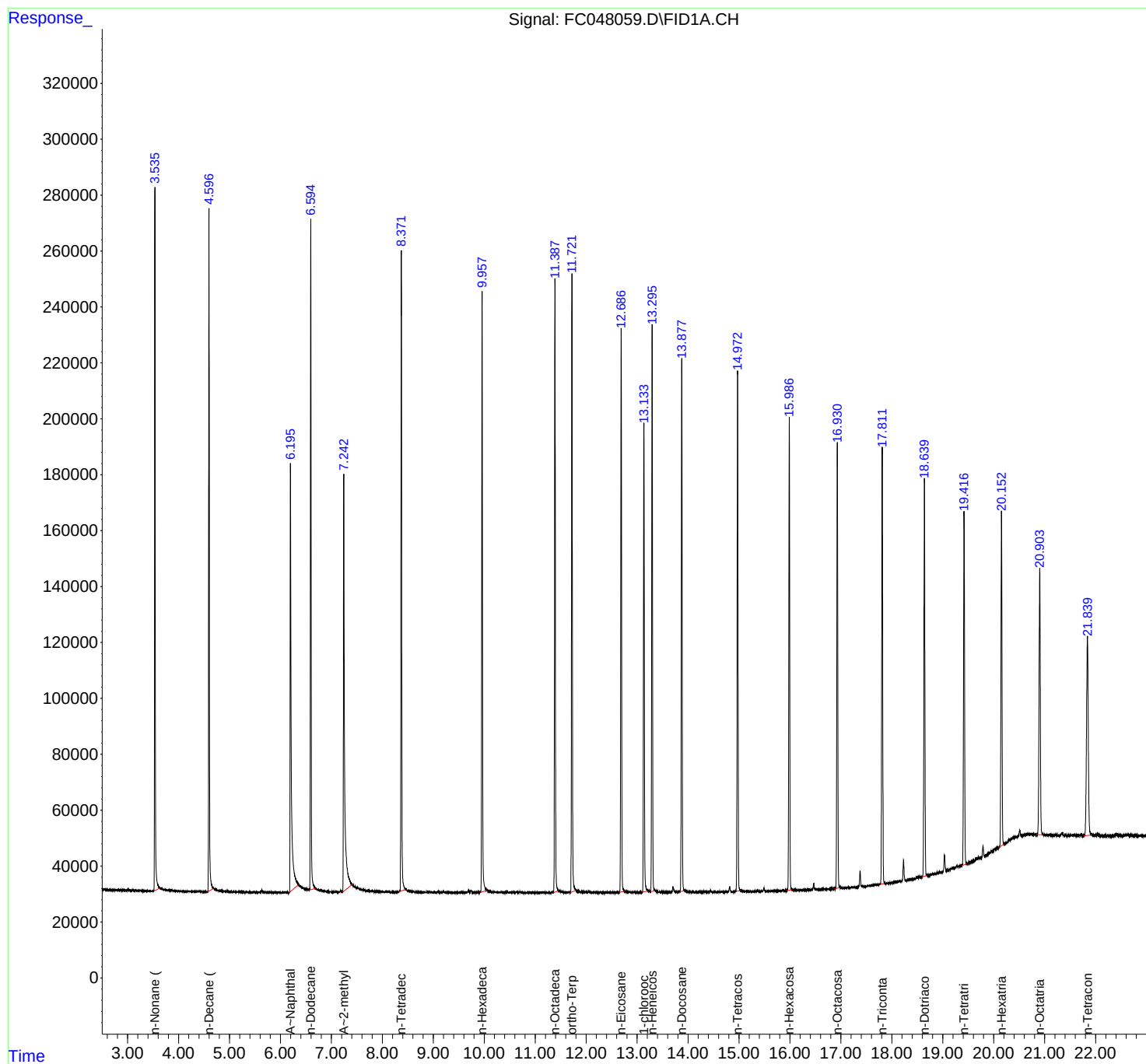
(m)=manual int.

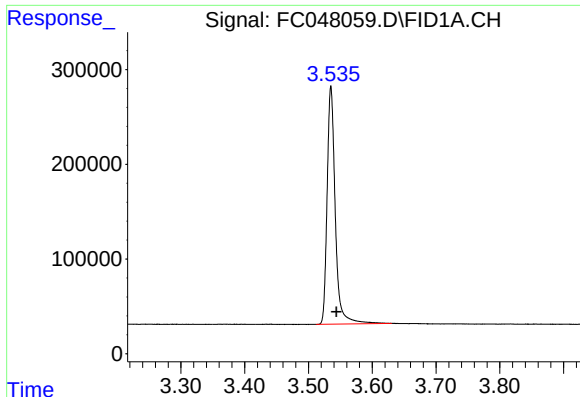
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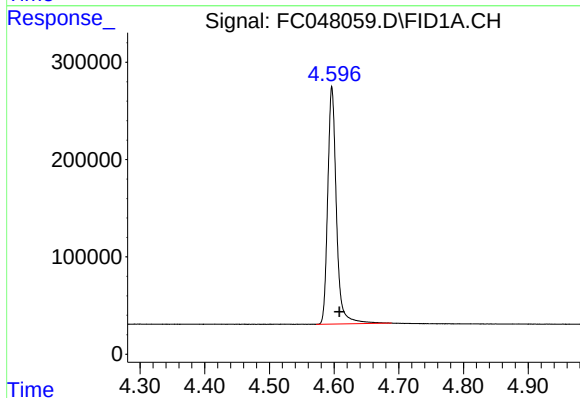




#1 n-Nonane (C9)

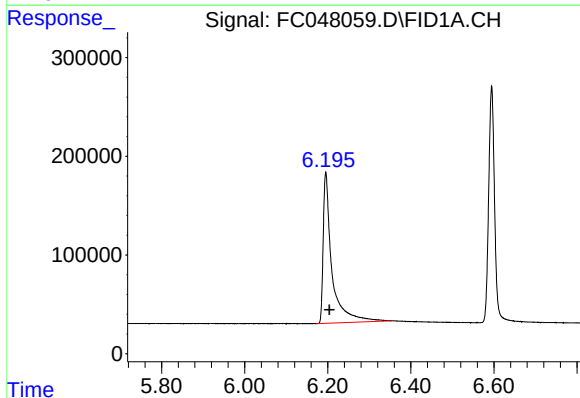
R.T.: 3.535 min
Delta R.T.: -0.009 min
Response: 2223916
Conc: 22.22 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



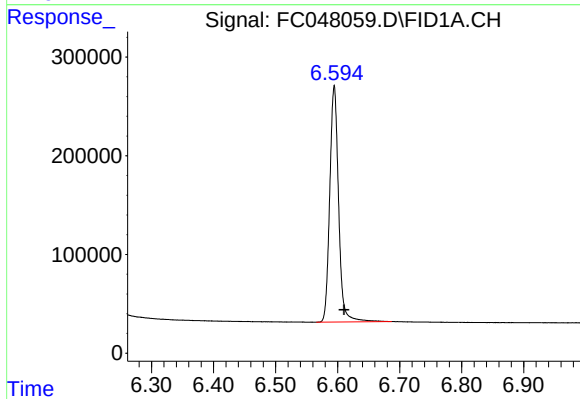
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.012 min
Response: 2275698
Conc: 22.65 ug/ml



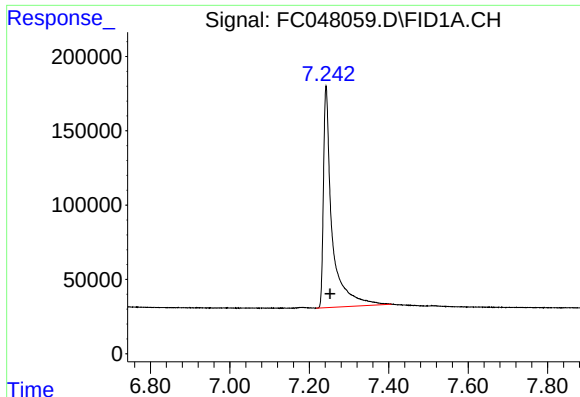
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.009 min
Response: 2234116
Conc: 22.14 ug/ml



#4 n-Dodecane (C12)

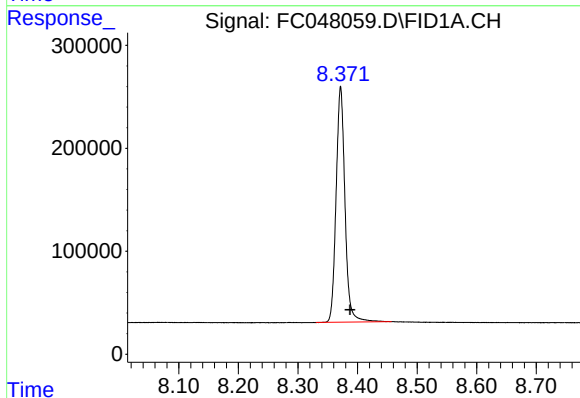
R.T.: 6.595 min
Delta R.T.: -0.016 min
Response: 2375367
Conc: 22.69 ug/ml



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

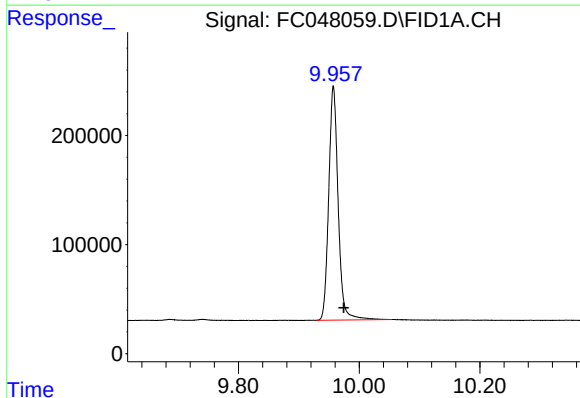
R.T.: 7.242 min
Delta R.T.: -0.010 min
Response: 2256112
Conc: 21.80 ug/ml

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20 PPM ALIPHATIC HC STD



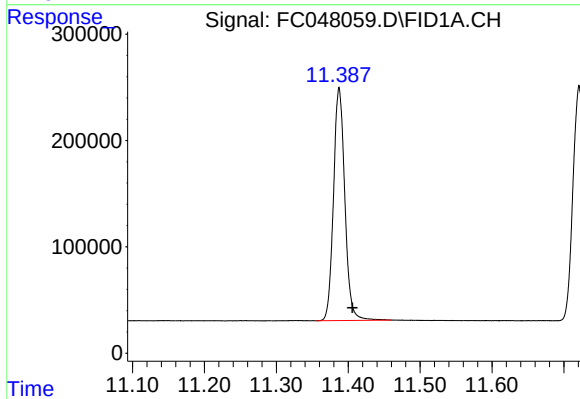
#6 n-Tetradecane (C14)

R.T.: 8.372 min
Delta R.T.: -0.016 min
Response: 2372650
Conc: 22.61 ug/ml



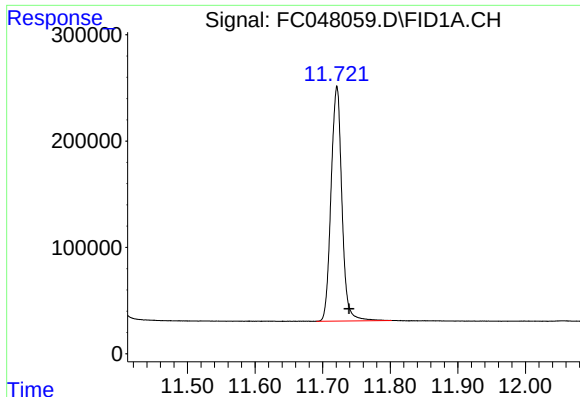
#7 n-Hexadecane (C16)

R.T.: 9.957 min
Delta R.T.: -0.017 min
Response: 2328387
Conc: 22.29 ug/ml



#8 n-Octadecane (C18)

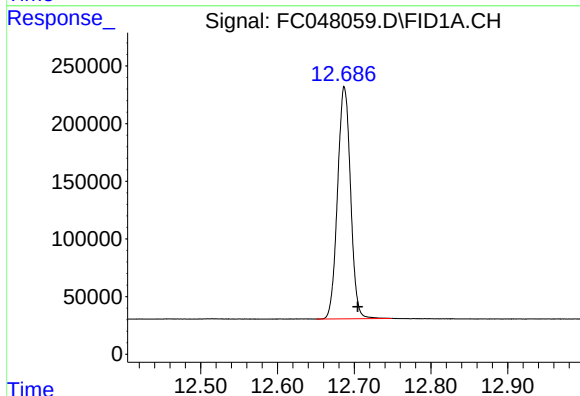
R.T.: 11.387 min
Delta R.T.: -0.019 min
Response: 2399692
Conc: 21.59 ug/ml



#9 ortho-Terphenyl (SURR)

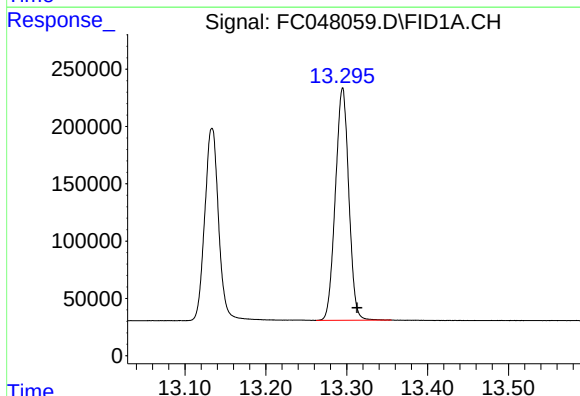
R.T.: 11.721 min
Delta R.T.: -0.018 min
Response: 2463718
Conc: 20.54 ug/ml

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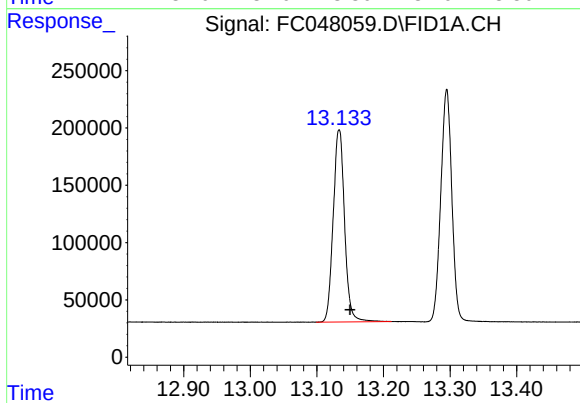
#10 n-Eicosane (C20)

R.T.: 12.687 min
Delta R.T.: -0.018 min
Response: 2368527
Conc: 20.81 ug/ml



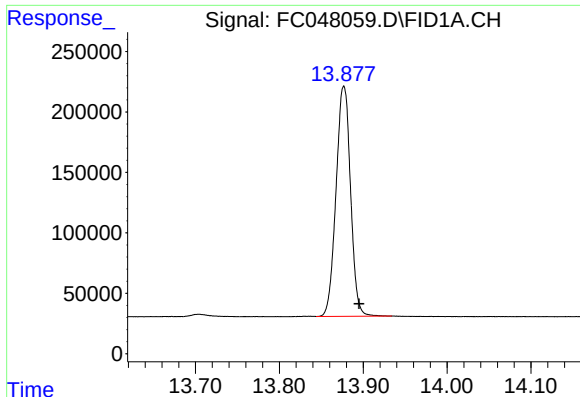
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: -0.018 min
Response: 2334968
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

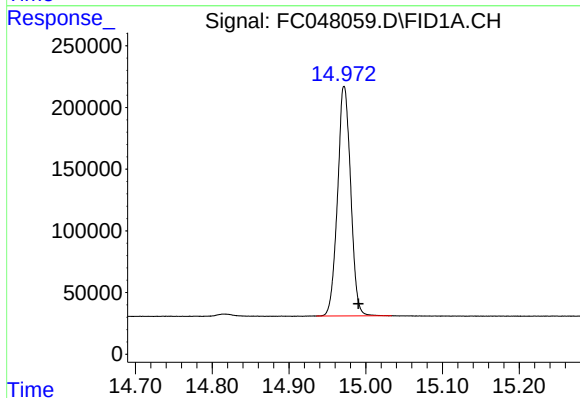
R.T.: 13.133 min
Delta R.T.: -0.017 min
Response: 1991057
Conc: 20.33 ug/ml



#13 n-Docosane (C22)

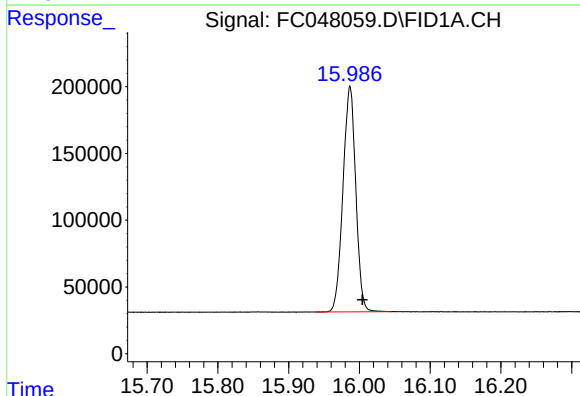
R.T.: 13.877 min
Delta R.T.: -0.018 min
Response: 2289783
Conc: 19.96 ug/ml

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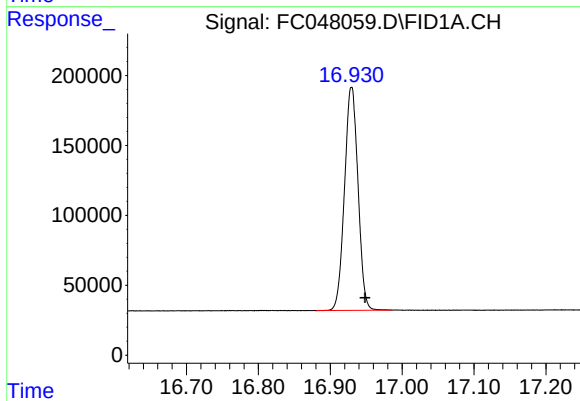
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.019 min
Response: 2211681
Conc: 19.25 ug/ml



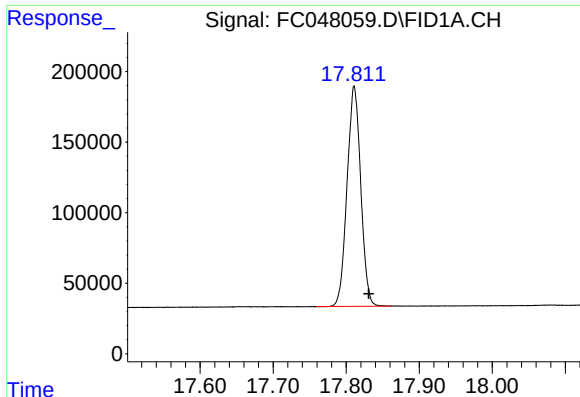
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.017 min
Response: 2120277
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

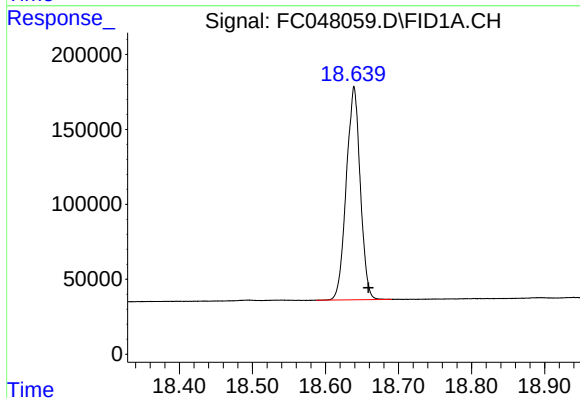
R.T.: 16.930 min
Delta R.T.: -0.019 min
Response: 2078125
Conc: 18.28 ug/ml



#17 n-Tricontane (C30)

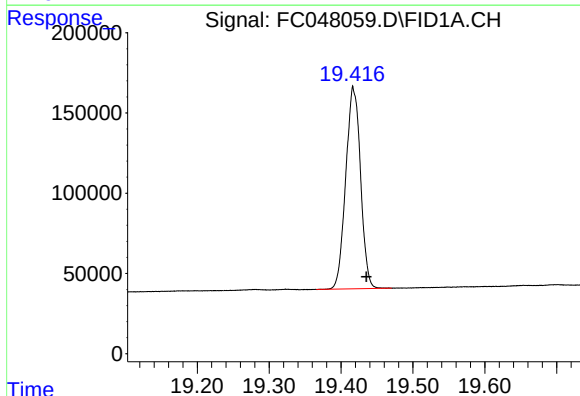
R.T.: 17.811 min
Delta R.T.: -0.020 min
Response: 2034385
Conc: 18.56 ug/ml

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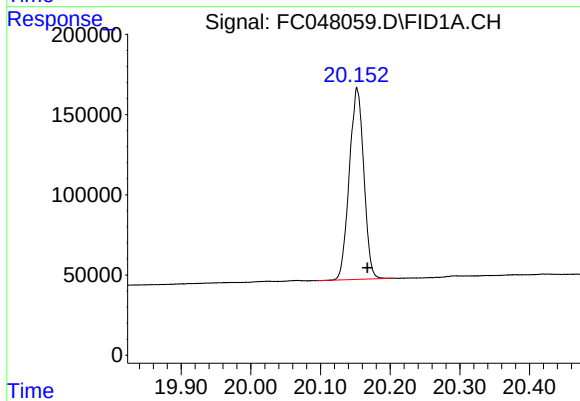
#18 n-Dotriacontane (C32)

R.T.: 18.639 min
Delta R.T.: -0.019 min
Response: 1887809
Conc: 19.04 ug/ml



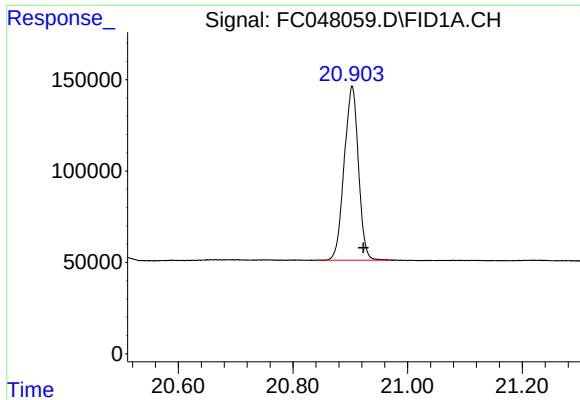
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.018 min
Response: 1795004
Conc: 19.60 ug/ml



#20 n-Hexatriacontane (C36)

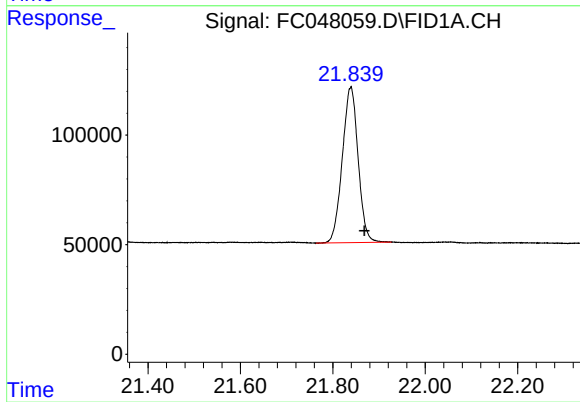
R.T.: 20.153 min
Delta R.T.: -0.015 min
Response: 1721846
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: -0.020 min
Response: 1646609
Conc: 20.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.839 min
Delta R.T.: -0.029 min
Response: 1684975
Conc: 21.31 ug/ml