

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC053122AL\
 Data File : FC060003.D
 Signal(s) : FID1A.CH
 Acq On : 31 May 2022 11:58
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
 Quant Time: May 31 17:17:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.651	3220452	20.694 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
12) S 1-chlorooctadecane (S...	12.021	2571734	20.742 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	2.631	2687630	20.999 ug/ml
2) T n-Decane (C10)	3.628	2708512	21.172 ug/ml
3) T A~Naphthalene (C11.7)	5.163	3070899	21.246 ug/ml
4) T n-Dodecane (C12)	5.581	2799940	21.004 ug/ml
5) T A~2-methylnaphthalene...	6.187	3141733	21.406 ug/ml
6) T n-Tetradecane (C14)	7.333	2879097	21.090 ug/ml
7) T n-Hexadecane (C16)	8.897	2958680	21.087 ug/ml
8) T n-Octadecane (C18)	10.306	3003115	20.985 ug/ml
10) T n-Eicosane (C20)	11.586	2969600	20.814 ug/ml
11) T n-Heneicosane (C21)	12.185	2968673	20.711 ug/ml
13) T n-Docosane (C22)	12.758	2948504	20.691 ug/ml
14) T n-Tetracosane (C24)	13.837	2864120	20.410 ug/ml
15) T n-Hexacosane (C26)	14.835	2731667	20.172 ug/ml
16) T n-Octacosane (C28)	15.763	2613405	20.067 ug/ml
17) T n-Tricontane (C30)	16.631	2505079	20.462 ug/ml
18) T n-Dotriacontane (C32)	17.444	2323359	20.838 ug/ml
19) T n-Tetratriacontane (C34)	18.209	2142715	21.008 ug/ml
20) T n-Hexatriacontane (C36)	18.932	2010327	21.229 ug/ml
21) T n-Octatriacontane (C38)	19.616	1970826	21.361 ug/mlm
22) T n-Tetracontane (C40)	20.263	2036781	21.648 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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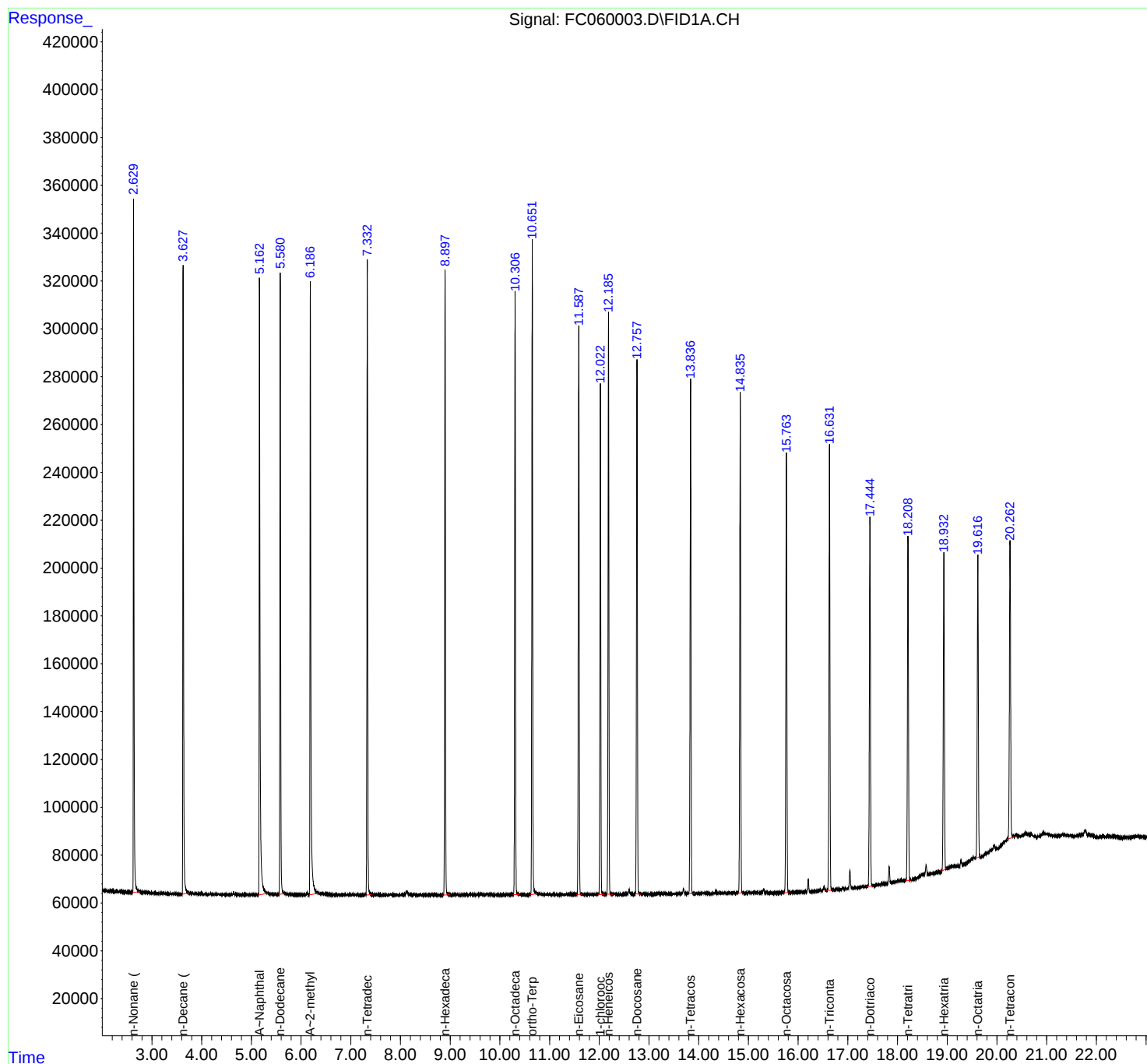
Instrument :
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20 PPM ALIPHATIC HC STD

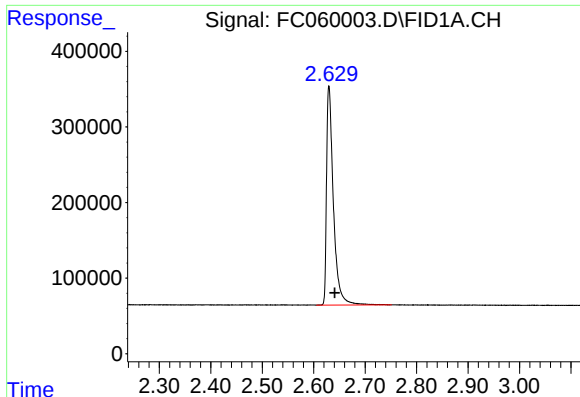
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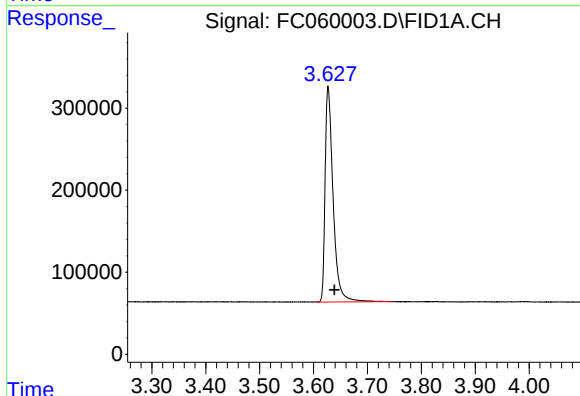
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.010 min
Response: 2687630
Conc: 21.00 ug/ml

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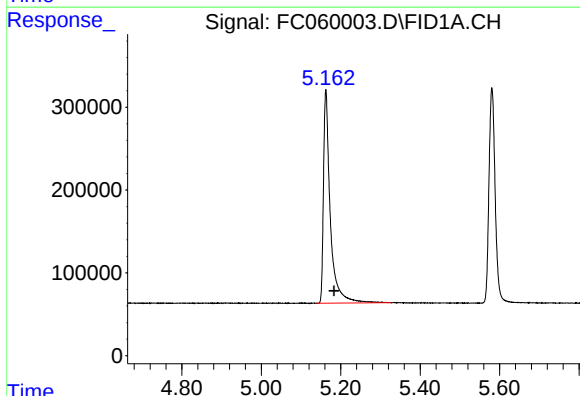
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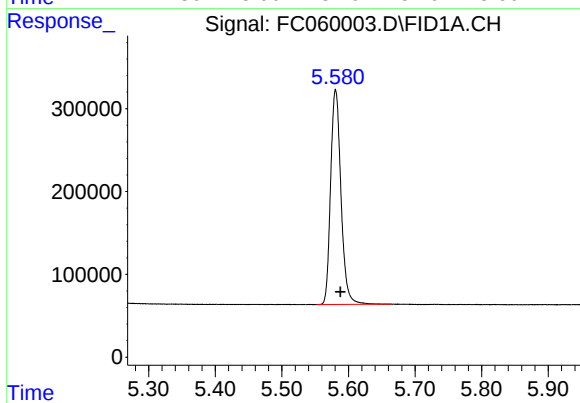
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.011 min
Response: 2708512
Conc: 21.17 ug/ml



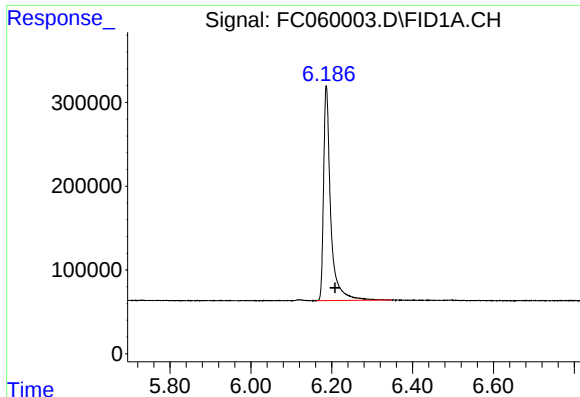
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 3070899
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 2799940
Conc: 21.00 ug/ml



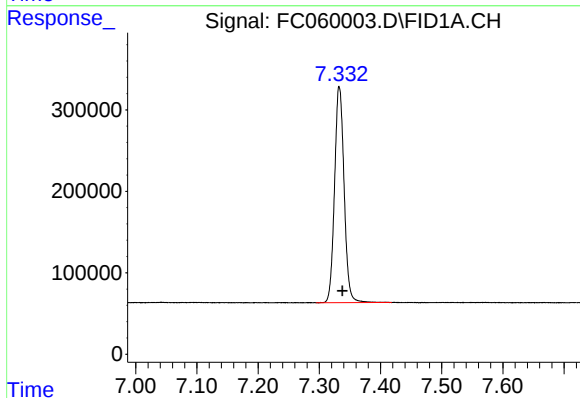
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.187 min
Delta R.T.: -0.021 min
Response: 3141733
Conc: 21.41 ug/ml

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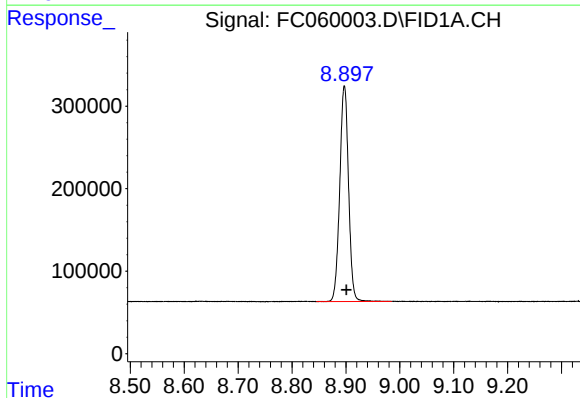
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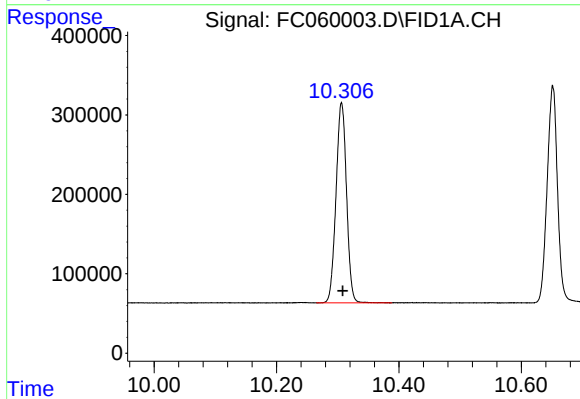
#6 n-Tetradecane (C14)

R.T.: 7.333 min
Delta R.T.: -0.005 min
Response: 2879097
Conc: 21.09 ug/ml



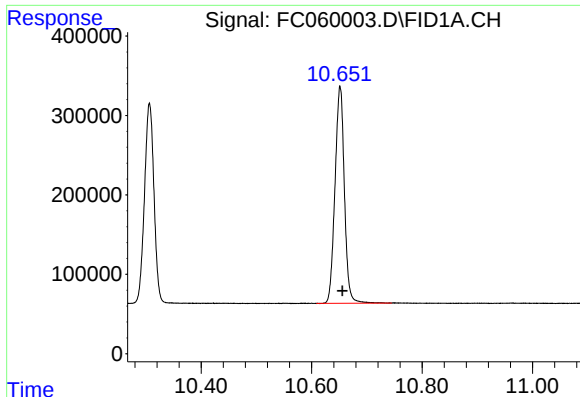
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.004 min
Response: 2958680
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.306 min
Delta R.T.: -0.002 min
Response: 3003115
Conc: 20.98 ug/ml



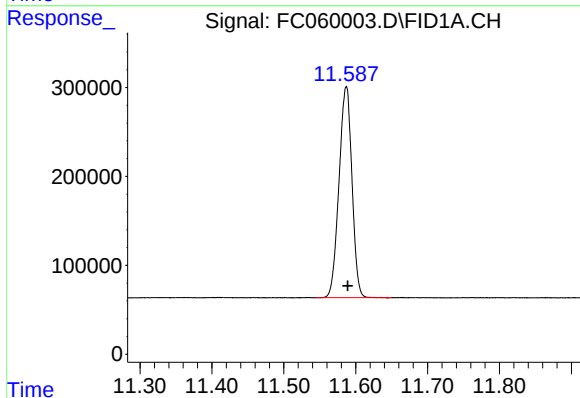
#9 ortho-Terphenyl (SURR)

R.T.: 10.651 min
Delta R.T.: -0.005 min
Response: 3220452
Conc: 20.69 ug/ml

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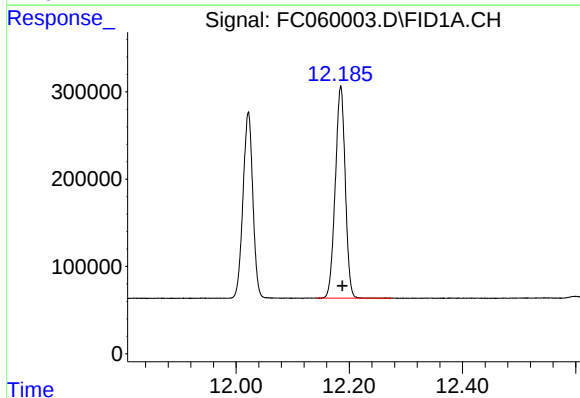
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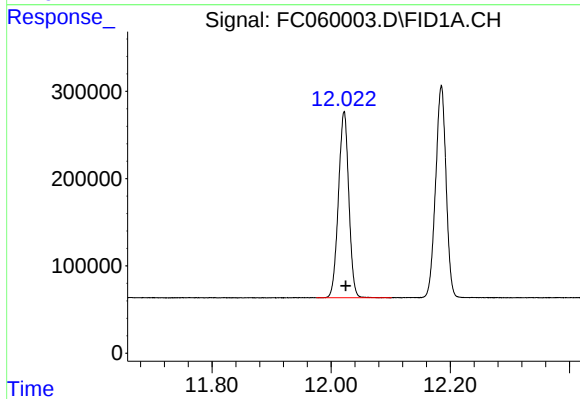
#10 n-Eicosane (C20)

R.T.: 11.586 min
Delta R.T.: -0.002 min
Response: 2969600
Conc: 20.81 ug/ml



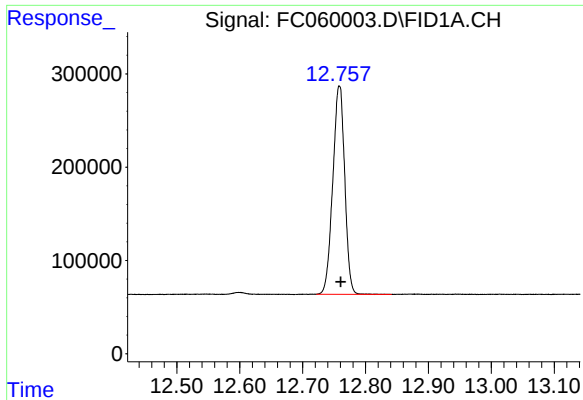
#11 n-Heneicosane (C21)

R.T.: 12.185 min
Delta R.T.: -0.003 min
Response: 2968673
Conc: 20.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.021 min
Delta R.T.: -0.003 min
Response: 2571734
Conc: 20.74 ug/ml



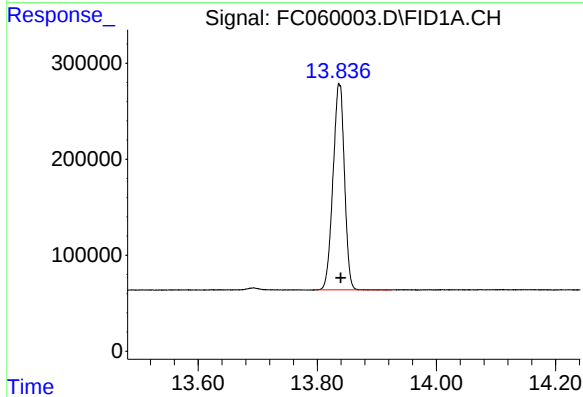
#13 n-Docosane (C22)

R.T.: 12.758 min
Delta R.T.: -0.003 min
Response: 2948504
Conc: 20.69 ug/ml

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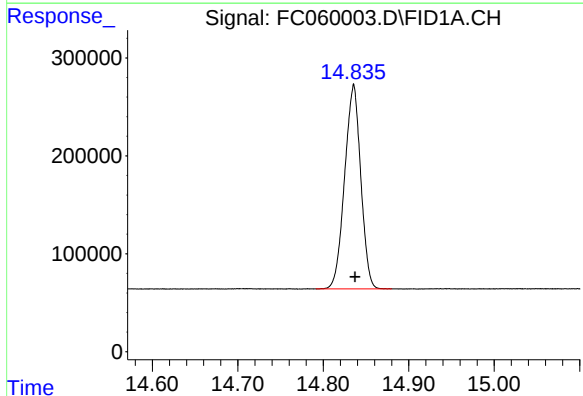
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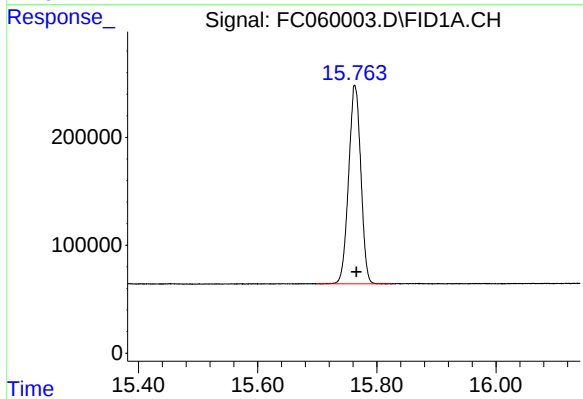
#14 n-Tetracosane (C24)

R.T.: 13.837 min
Delta R.T.: -0.002 min
Response: 2864120
Conc: 20.41 ug/ml



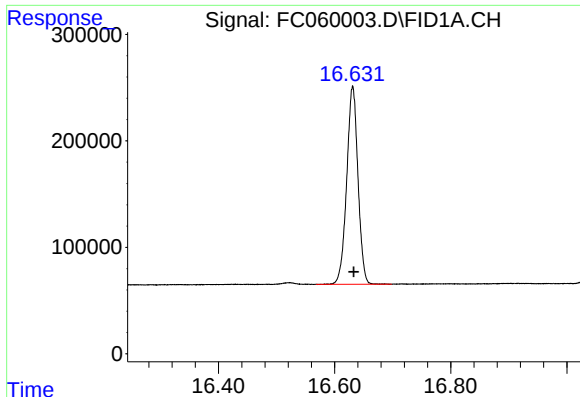
#15 n-Hexacosane (C26)

R.T.: 14.835 min
Delta R.T.: -0.002 min
Response: 2731667
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: -0.002 min
Response: 2613405
Conc: 20.07 ug/ml



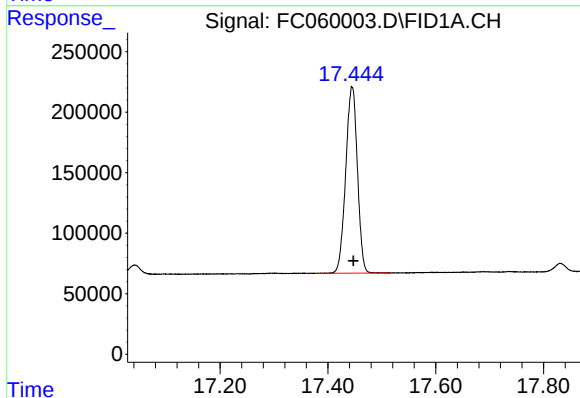
#17 n-Tricontane (C30)

R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 2505079
Conc: 20.46 ug/ml

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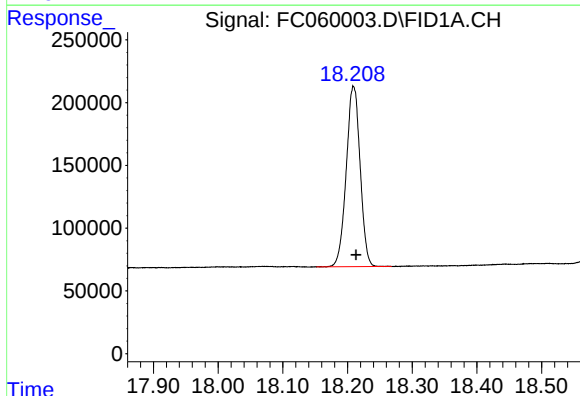
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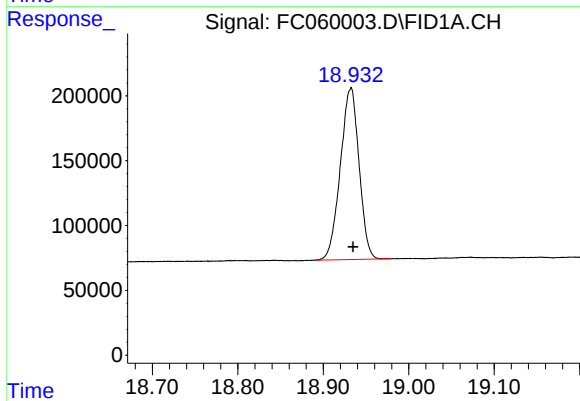
#18 n-Dotriacontane (C32)

R.T.: 17.444 min
Delta R.T.: -0.003 min
Response: 2323359
Conc: 20.84 ug/ml



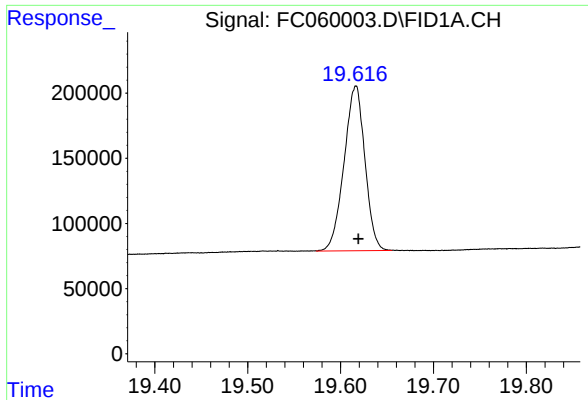
#19 n-Tetratriacontane (C34)

R.T.: 18.209 min
Delta R.T.: -0.004 min
Response: 2142715
Conc: 21.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.932 min
Delta R.T.: -0.003 min
Response: 2010327
Conc: 21.23 ug/ml



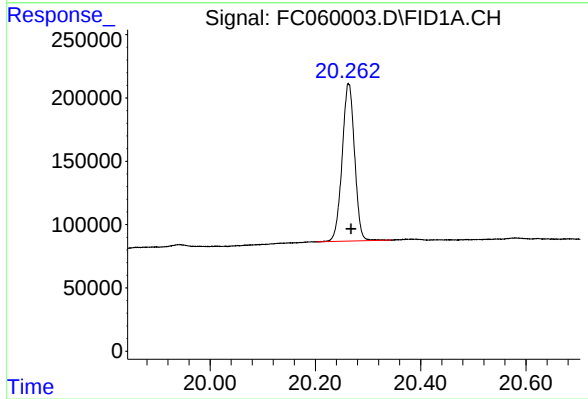
#21 n-Octatriacontane (C38)

R.T.: 19.616 min
Delta R.T.: -0.003 min
Response: 1970826
Conc: 21.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.005 min
Response: 2036781
Conc: 21.65 ug/ml