

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071922AL\
 Data File : FC060783.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2022 10:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPAHTIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPAHTIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 01:55:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.636	3071656	16.761 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
12) S 1-chlorooctadecane (S...	12.002	2499880	16.960 ug/ml
Spiked Amount 50.000		Recovery =	33.92%
Target Compounds			
1) T n-Nonane (C9)	2.626	2854799	18.610 ug/ml
2) T n-Decane (C10)	3.621	2906984	19.035 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3043652	18.205 ug/ml
4) T n-Dodecane (C12)	5.569	2990627	18.505 ug/ml
5) T A~2-methylnaphthalene...	6.184	3023527	17.787 ug/ml
6) T n-Tetradecane (C14)	7.319	3004755	18.189 ug/ml
7) T n-Hexadecane (C16)	8.881	2999521	17.748 ug/ml
8) T n-Octadecane (C18)	10.288	2957356	17.190 ug/ml
10) T n-Eicosane (C20)	11.567	2882283	16.888 ug/ml
11) T n-Heneicosane (C21)	12.165	2825937	16.574 ug/ml
13) T n-Docosane (C22)	12.737	2765037	16.221 ug/ml
14) T n-Tetracosane (C24)	13.815	2647762	15.770 ug/ml
15) T n-Hexacosane (C26)	14.810	2530851	15.401 ug/ml
16) T n-Octacosane (C28)	15.738	2460490	15.506 ug/ml
17) T n-Tricontane (C30)	16.604	2462886	16.179 ug/ml
18) T n-Dotriacontane (C32)	17.416	2454264	16.883 ug/ml
19) T n-Tetratriacontane (C34)	18.182	2345300	18.465 ug/ml
20) T n-Hexatriacontane (C36)	18.903	2331619	20.776 ug/ml
21) T n-Octatriacontane (C38)	19.585	2251265	20.566 ug/ml
22) T n-Tetracontane (C40)	20.232	2214585	19.609 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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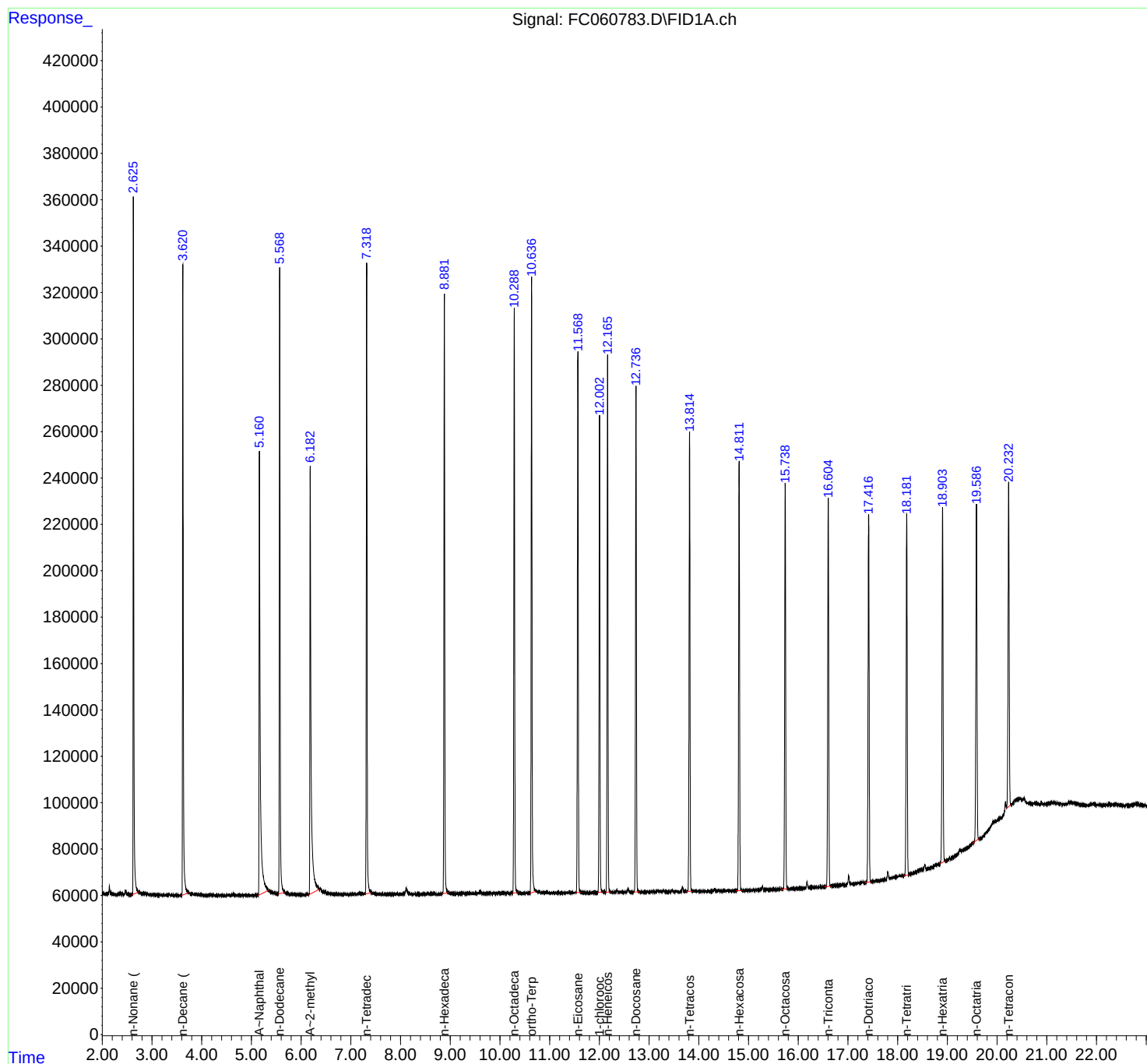
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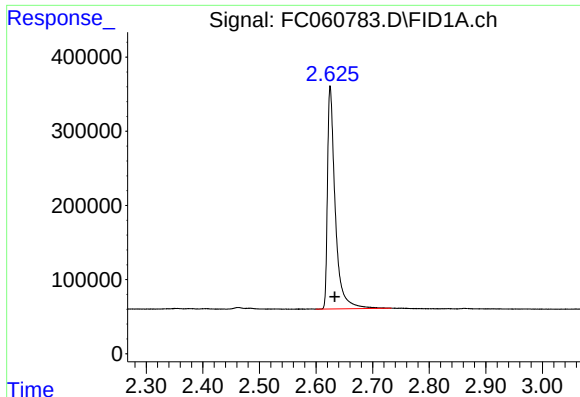
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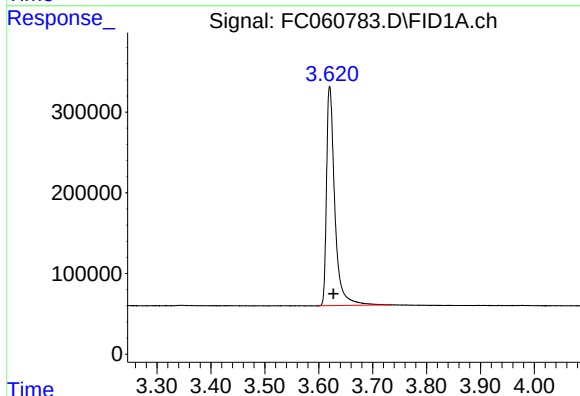
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.007 min
Response: 2854799
Conc: 18.61 ug/ml

Instrument :
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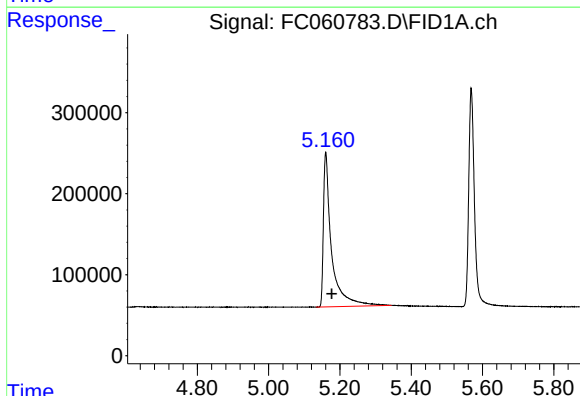
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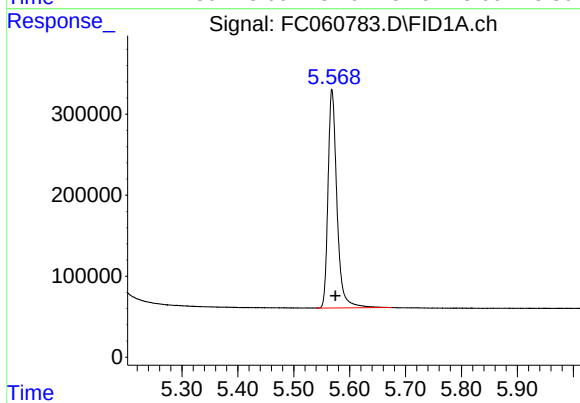
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.006 min
Response: 2906984
Conc: 19.03 ug/ml



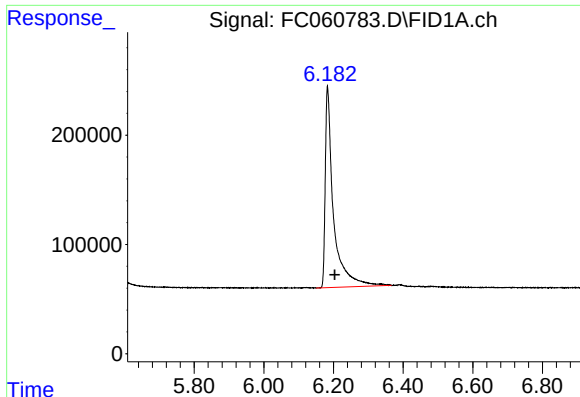
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.016 min
Response: 3043652
Conc: 18.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.569 min
Delta R.T.: -0.006 min
Response: 2990627
Conc: 18.50 ug/ml



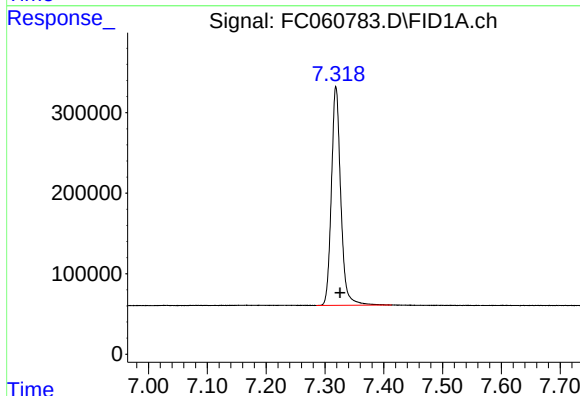
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.020 min
Response: 3023527
Conc: 17.79 ug/ml

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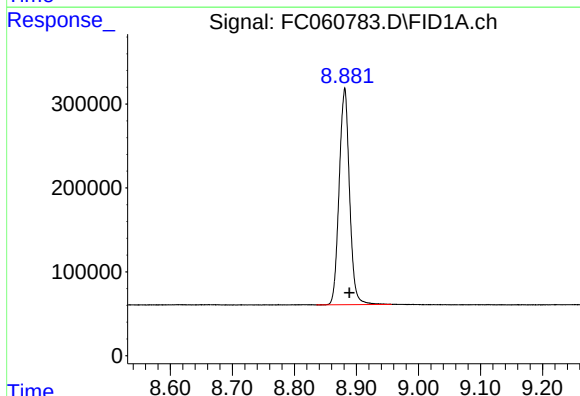
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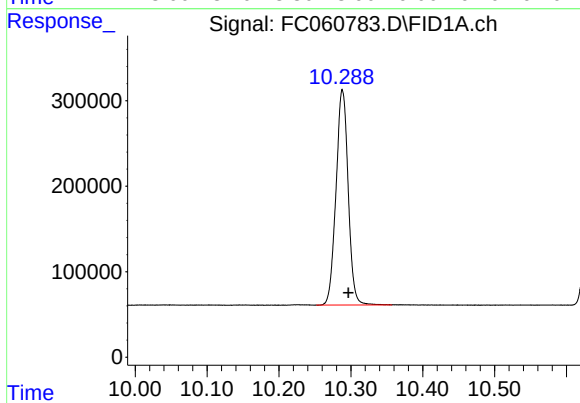
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 3004755
Conc: 18.19 ug/ml



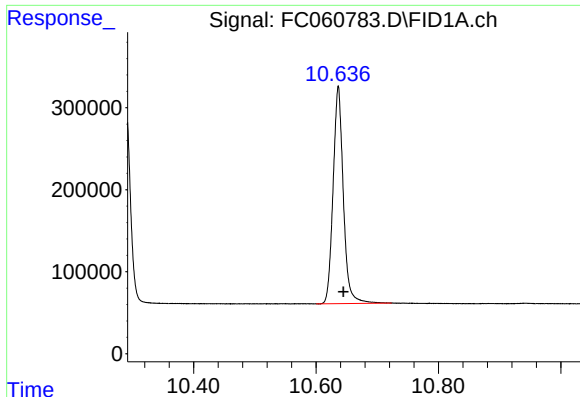
#7 n-Hexadecane (C16)

R.T.: 8.881 min
Delta R.T.: -0.008 min
Response: 2999521
Conc: 17.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.288 min
Delta R.T.: -0.008 min
Response: 2957356
Conc: 17.19 ug/ml



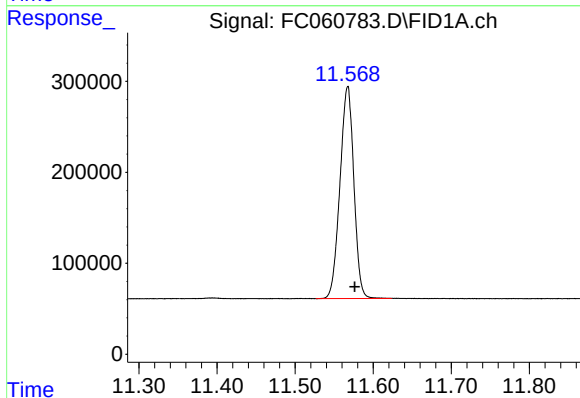
#9 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: -0.008 min
Response: 3071656
Conc: 16.76 ug/ml

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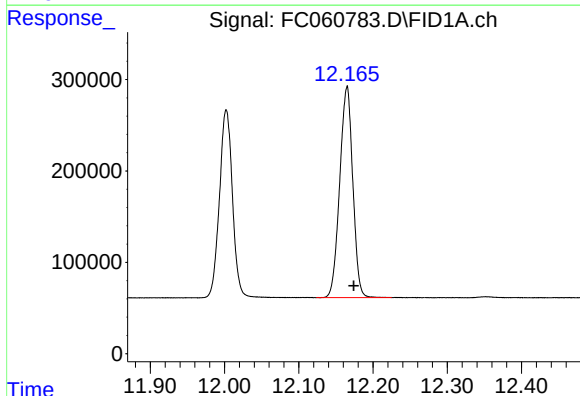
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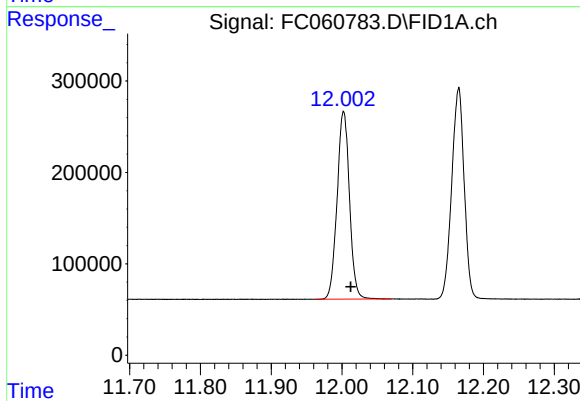
#10 n-Eicosane (C20)

R.T.: 11.567 min
Delta R.T.: -0.009 min
Response: 2882283
Conc: 16.89 ug/ml



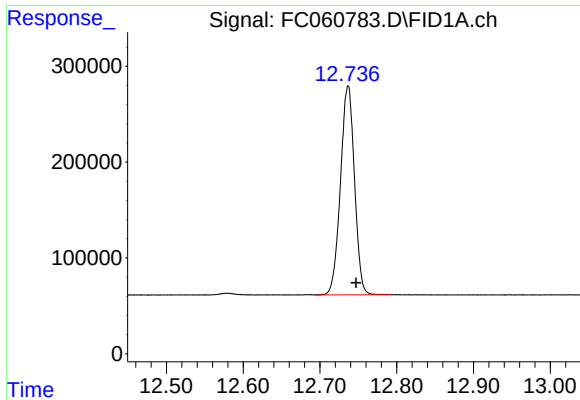
#11 n-Heneicosane (C21)

R.T.: 12.165 min
Delta R.T.: -0.009 min
Response: 2825937
Conc: 16.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.002 min
Delta R.T.: -0.010 min
Response: 2499880
Conc: 16.96 ug/ml



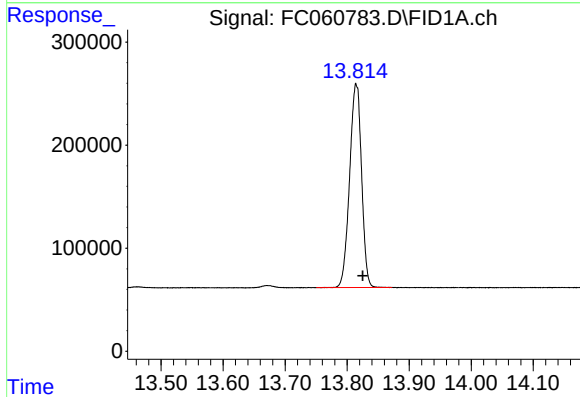
#13 n-Docosane (C22)

R.T.: 12.737 min
Delta R.T.: -0.011 min
Response: 2765037
Conc: 16.22 ug/ml

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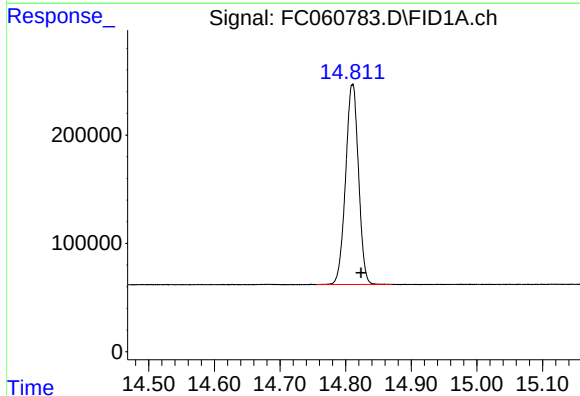
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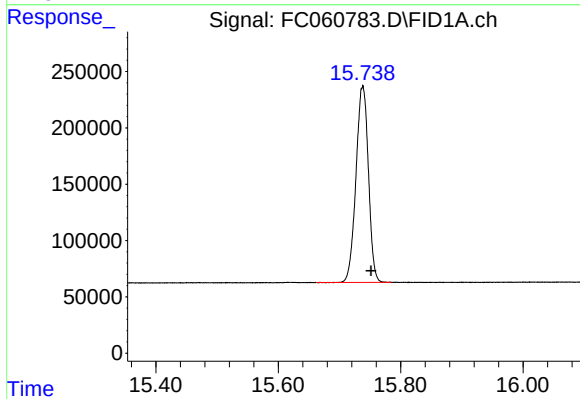
#14 n-Tetracosane (C24)

R.T.: 13.815 min
Delta R.T.: -0.011 min
Response: 2647762
Conc: 15.77 ug/ml



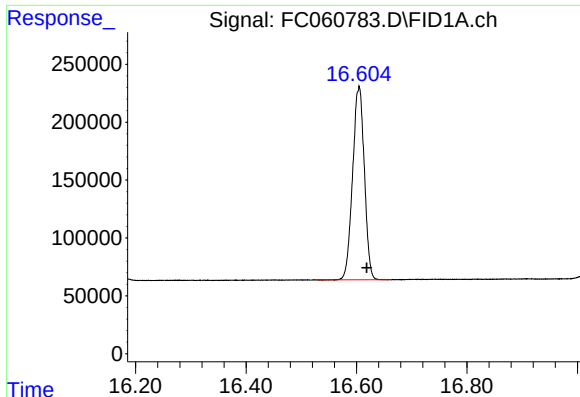
#15 n-Hexacosane (C26)

R.T.: 14.810 min
Delta R.T.: -0.013 min
Response: 2530851
Conc: 15.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.738 min
Delta R.T.: -0.014 min
Response: 2460490
Conc: 15.51 ug/ml



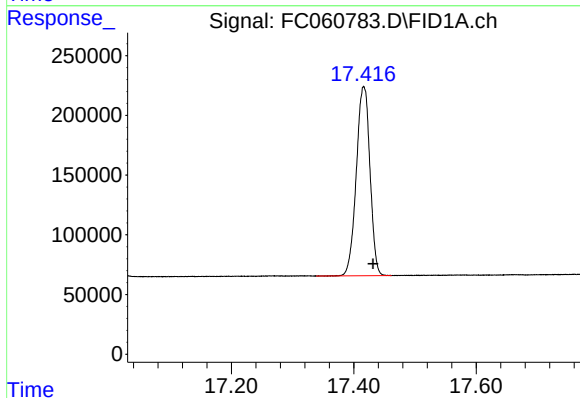
#17 n-Tricontane (C30)

R.T.: 16.604 min
Delta R.T.: -0.014 min
Response: 2462886
Conc: 16.18 ug/ml

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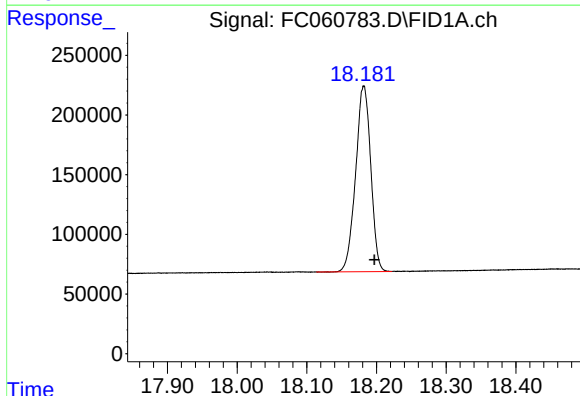
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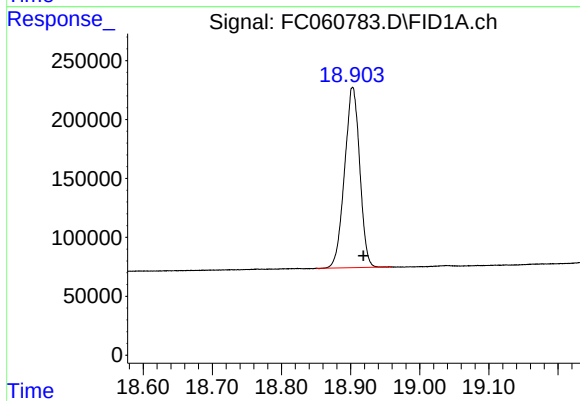
#18 n-Dotriacontane (C32)

R.T.: 17.416 min
Delta R.T.: -0.015 min
Response: 2454264
Conc: 16.88 ug/ml



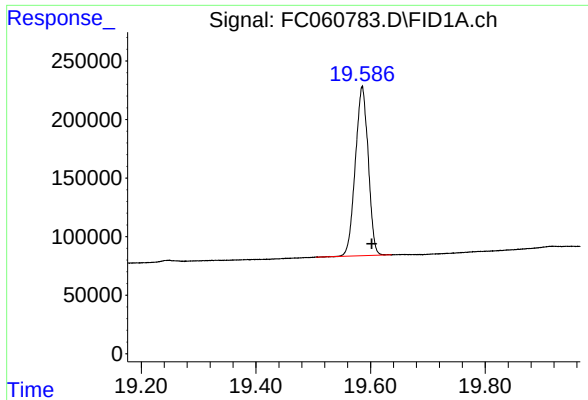
#19 n-Tetratriacontane (C34)

R.T.: 18.182 min
Delta R.T.: -0.015 min
Response: 2345300
Conc: 18.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.903 min
Delta R.T.: -0.016 min
Response: 2331619
Conc: 20.78 ug/ml



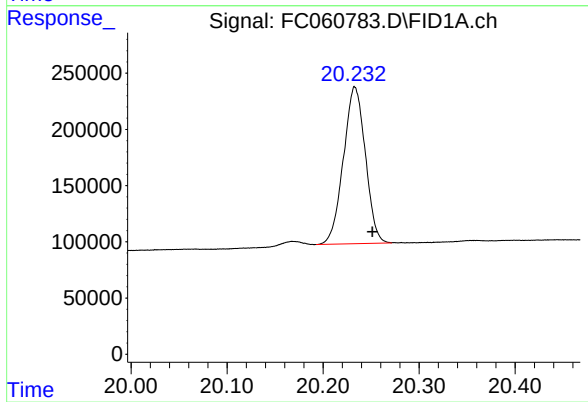
#21 n-Octatriacontane (C38)

R.T.: 19.585 min
Delta R.T.: -0.017 min
Response: 2251265
Conc: 20.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.232 min
Delta R.T.: -0.019 min
Response: 2214585
Conc: 19.61 ug/ml m