

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052822AL\
 Data File : FC060000.D
 Signal(s) : FID1A.CH
 Acq On : 29 May 2022 8:30
 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 05/31/2022
 Supervised By :Ankita Jodhani 05/31/2022

Integration File: sample.E
 Quant Time: May 30 02:29:32 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)	10.650	3345837	21.500 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
12) S 1-chlorooctadecane (S...	12.021	2667689	21.516 ug/ml
Spiked Amount 50.000		Recovery =	43.03%
Target Compounds			
1) T n-Nonane (C9)	2.626	2826657	22.086 ug/ml
2) T n-Decane (C10)	3.625	2839293	22.194 ug/ml
3) T A~Naphthalene (C11.7)	5.162	3268787	22.615 ug/ml
4) T n-Dodecane (C12)	5.579	2957044	22.182 ug/ml
5) T A~2-methylnaphthalene...	6.186	3310563	22.556 ug/ml
6) T n-Tetradecane (C14)	7.332	3028710	22.186 ug/ml
7) T n-Hexadecane (C16)	8.896	3100640	22.099 ug/ml
8) T n-Octadecane (C18)	10.306	3137640	21.925 ug/ml
10) T n-Eicosane (C20)	11.585	3087738	21.642 ug/ml
11) T n-Heneicosane (C21)	12.185	3076396	21.463 ug/ml
13) T n-Docosane (C22)	12.758	3035625	21.303 ug/ml
14) T n-Tetracosane (C24)	13.835	2936577	20.926 ug/ml
15) T n-Hexacosane (C26)	14.833	2789793	20.602 ug/ml
16) T n-Octacosane (C28)	15.763	2664726	20.461 ug/ml
17) T n-Tricontane (C30)	16.628	2548036	20.813 ug/ml
18) T n-Dotriacontane (C32)	17.443	2366568	21.226 ug/ml
19) T n-Tetratriacontane (C34)	18.208	2206317	21.632 ug/ml
20) T n-Hexatriacontane (C36)	18.930	2125516	22.445 ug/ml
21) T n-Octatriacontane (C38)	19.613	2107813	22.846 ug/mlm
22) T n-Tetracontane (C40)	20.264	2128156	22.619 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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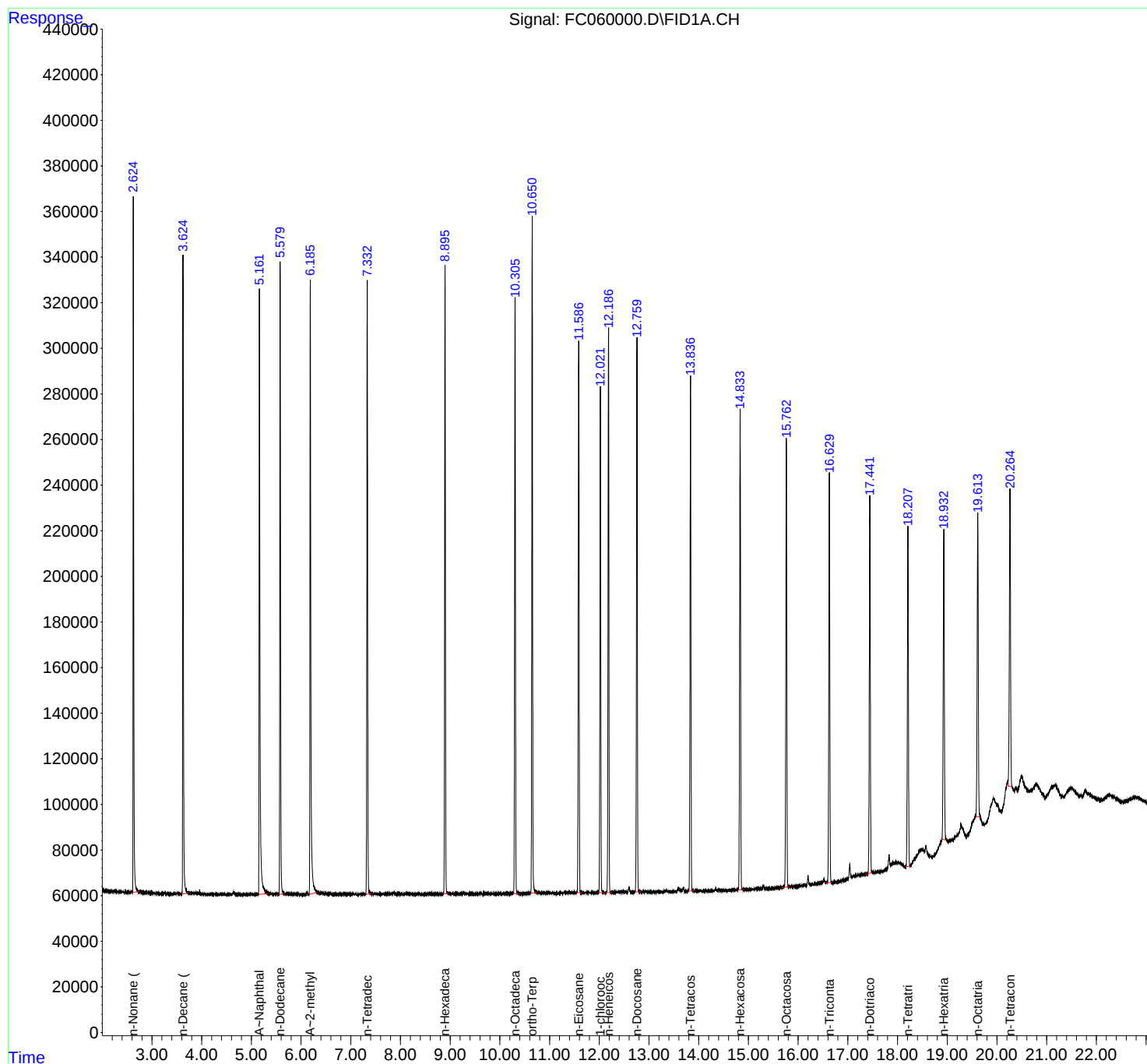
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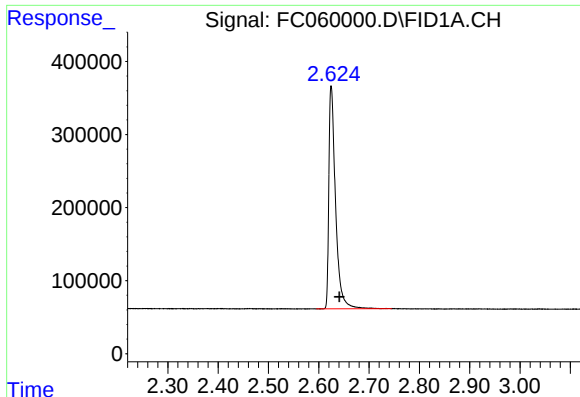
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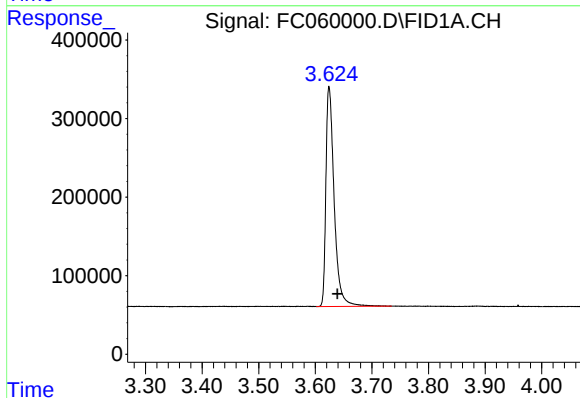
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.015 min
Response: 2826657
Conc: 22.09 ug/ml

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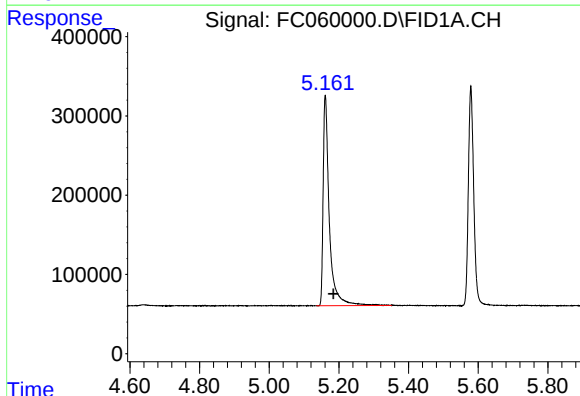
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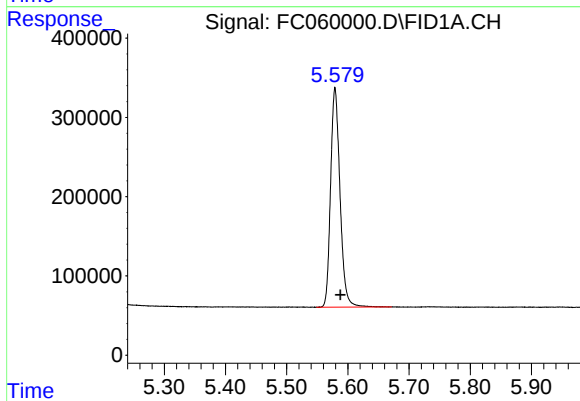
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 2839293
Conc: 22.19 ug/ml



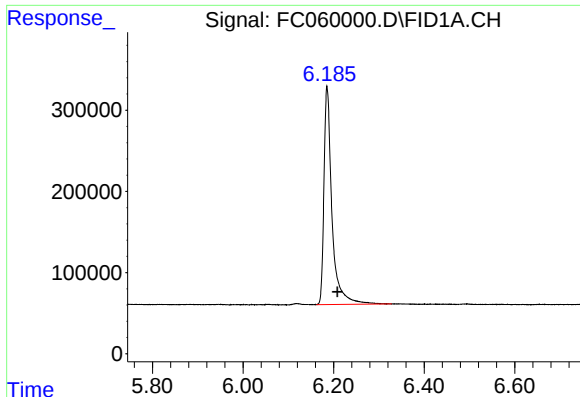
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 3268787
Conc: 22.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 2957044
Conc: 22.18 ug/ml



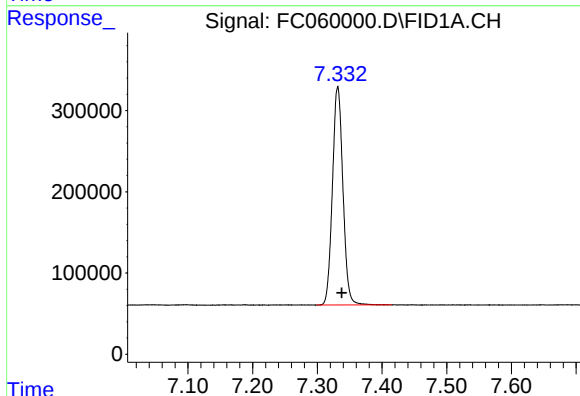
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.186 min
Delta R.T.: -0.022 min
Response: 3310563
Conc: 22.56 ug/ml

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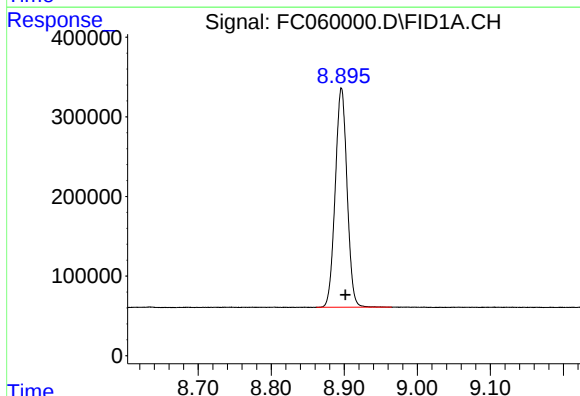
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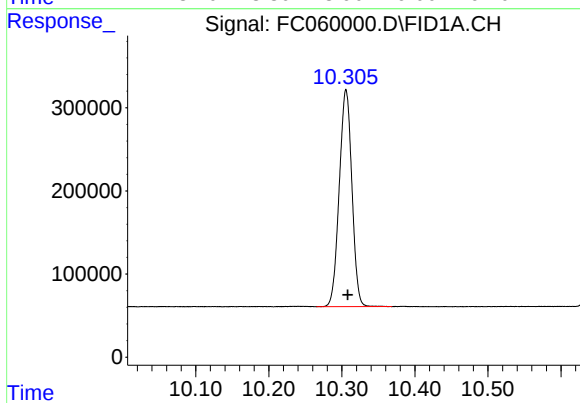
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 3028710
Conc: 22.19 ug/ml



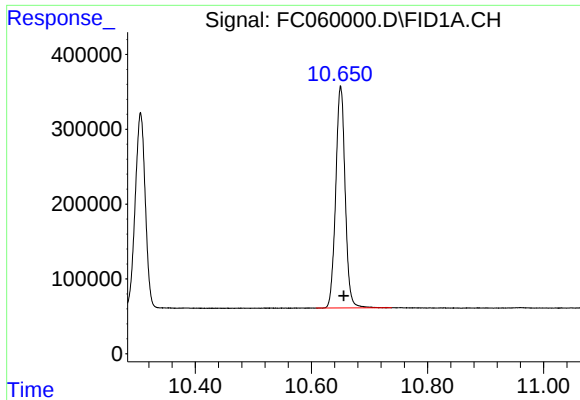
#7 n-Hexadecane (C16)

R.T.: 8.896 min
Delta R.T.: -0.005 min
Response: 3100640
Conc: 22.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.306 min
Delta R.T.: -0.002 min
Response: 3137640
Conc: 21.92 ug/ml



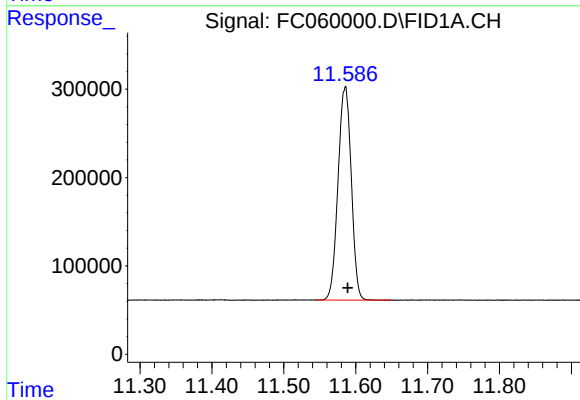
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.005 min
Response: 3345837
Conc: 21.50 ug/ml

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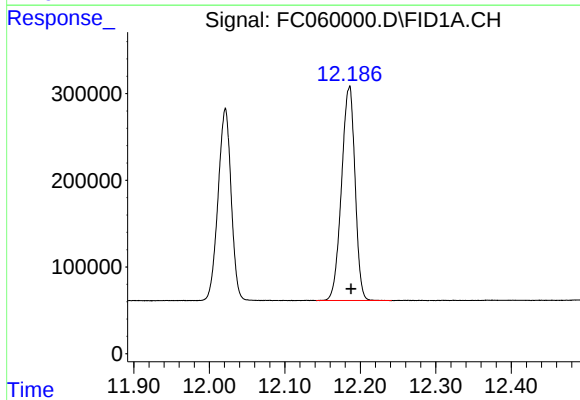
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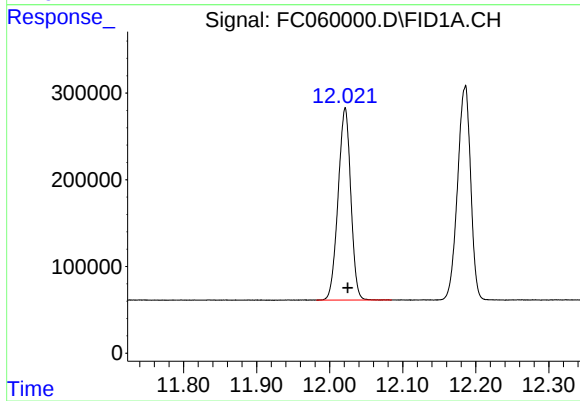
#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.004 min
Response: 3087738
Conc: 21.64 ug/ml



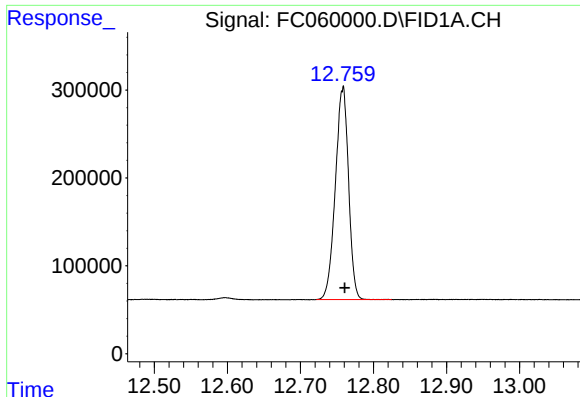
#11 n-Heneicosane (C21)

R.T.: 12.185 min
Delta R.T.: -0.003 min
Response: 3076396
Conc: 21.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.021 min
Delta R.T.: -0.004 min
Response: 2667689
Conc: 21.52 ug/ml



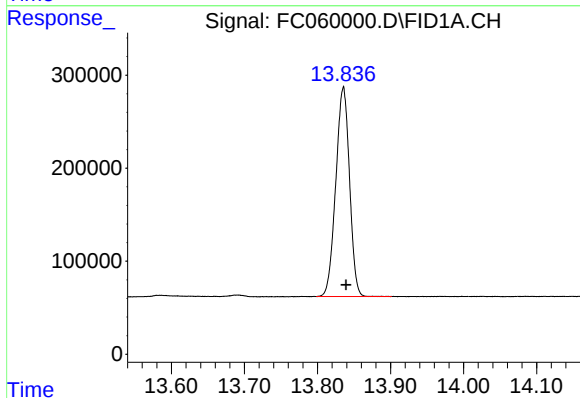
#13 n-Docosane (C22)

R.T.: 12.758 min
Delta R.T.: -0.003 min
Response: 3035625
Conc: 21.30 ug/ml

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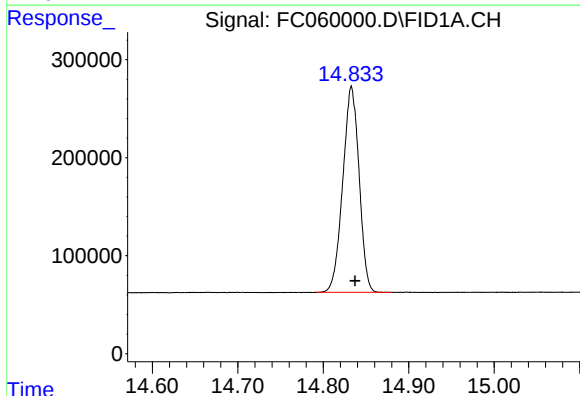
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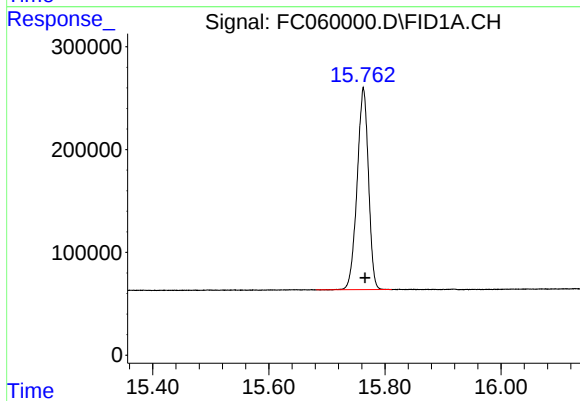
#14 n-Tetracosane (C24)

R.T.: 13.835 min
Delta R.T.: -0.004 min
Response: 2936577
Conc: 20.93 ug/ml



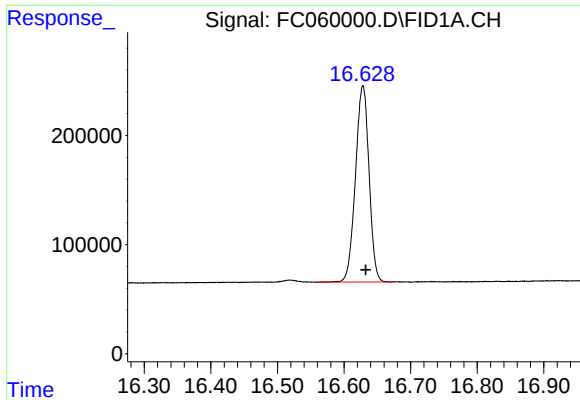
#15 n-Hexacosane (C26)

R.T.: 14.833 min
Delta R.T.: -0.004 min
Response: 2789793
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: -0.003 min
Response: 2664726
Conc: 20.46 ug/ml



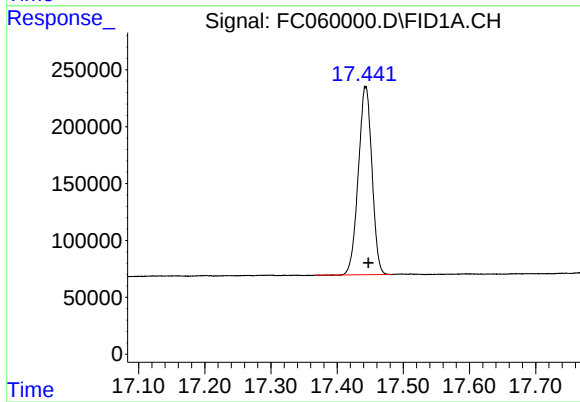
#17 n-Tricontane (C30)

R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 2548036
Conc: 20.81 ug/ml

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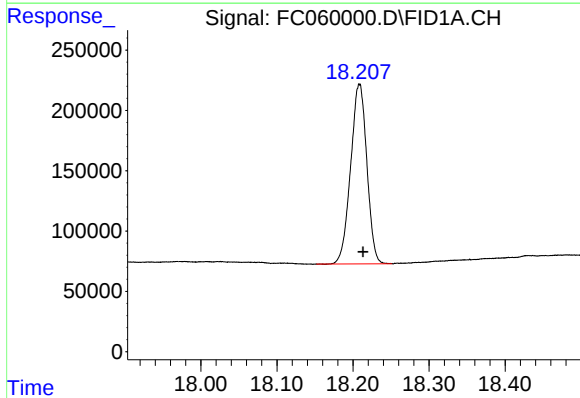
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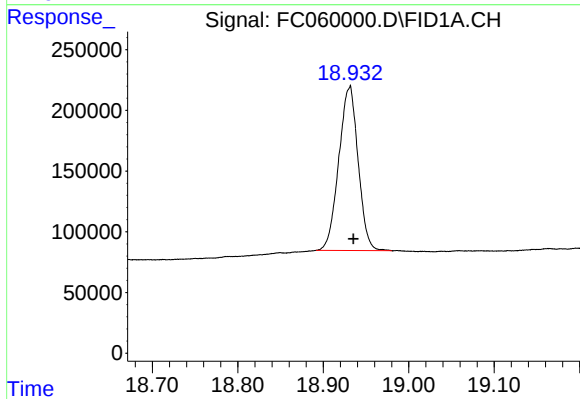
#18 n-Dotriacontane (C32)

R.T.: 17.443 min
Delta R.T.: -0.004 min
Response: 2366568
Conc: 21.23 ug/ml



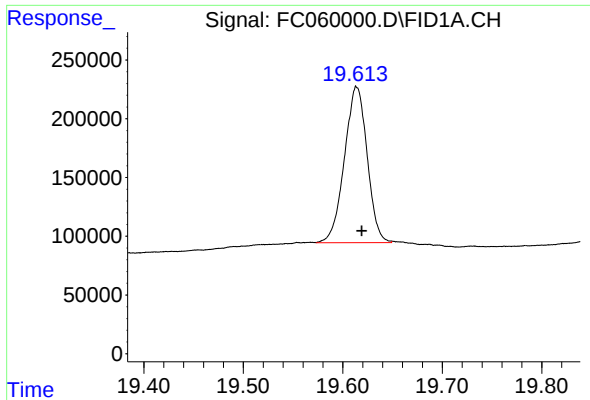
#19 n-Tetratriacontane (C34)

R.T.: 18.208 min
Delta R.T.: -0.005 min
Response: 2206317
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.930 min
Delta R.T.: -0.005 min
Response: 2125516
Conc: 22.45 ug/ml



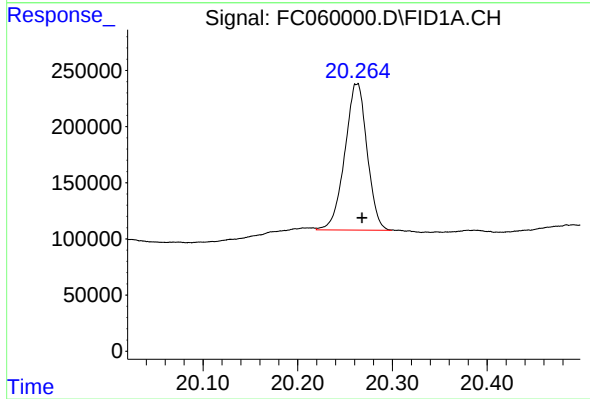
#21 n-Octatriacontane (C38)

R.T.: 19.613 min
Delta R.T.: -0.006 min
Response: 2107813
Conc: 22.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.264 min
Delta R.T.: -0.004 min
Response: 2128156
Conc: 22.62 ug/ml m