

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100824AL\
 Data File : FC067387.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2024 10:35
 Operator : YP/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

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e
 Quant Time: Oct 09 02:10:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 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)	11.504	2638124	17.338 ug/ml
Spiked Amount 50.000		Recovery =	34.68%
12) S 1-chlorooctadecane (S...	12.941	1988030	17.563 ug/ml
Spiked Amount 50.000		Recovery =	35.13%
Target Compounds			
1) T n-Nonane (C9)	3.277	2341491	18.472 ug/ml
2) T n-Decane (C10)	4.343	2427594	18.886 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2648562	18.671 ug/ml
4) T n-Dodecane (C12)	6.359	2435076	18.766 ug/ml
5) T A~2-methylnaphthalene...	6.977	2548530	18.577 ug/ml
6) T n-Tetradecane (C14)	8.152	2387186	18.534 ug/ml
7) T n-Hexadecane (C16)	9.751	2429914	18.254 ug/ml
8) T n-Octadecane (C18)	11.191	2434823	17.956 ug/ml
10) T n-Eicosane (C20)	12.498	2315112	17.731 ug/ml
11) T n-Heneicosane (C21)	13.110	2265607	17.665 ug/ml
13) T n-Docosane (C22)	13.696	2255827	17.667 ug/ml
14) T n-Tetracosane (C24)	14.797	2255495	17.636 ug/ml
15) T n-Hexacosane (C26)	15.816	2234770	17.724 ug/ml
16) T n-Octacosane (C28)	16.765	2304405	18.343 ug/ml
17) T n-Tricontane (C30)	17.652	2537235	19.695 ug/ml
18) T n-Dotriacontane (C32)	18.484	2558274	20.478 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	2228243	20.391 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1896119	20.061 ug/ml
21) T n-Octatriacontane (C38)	20.729	1728681	19.711 ug/ml
22) T n-Tetracontane (C40)	21.615	1640751	19.068 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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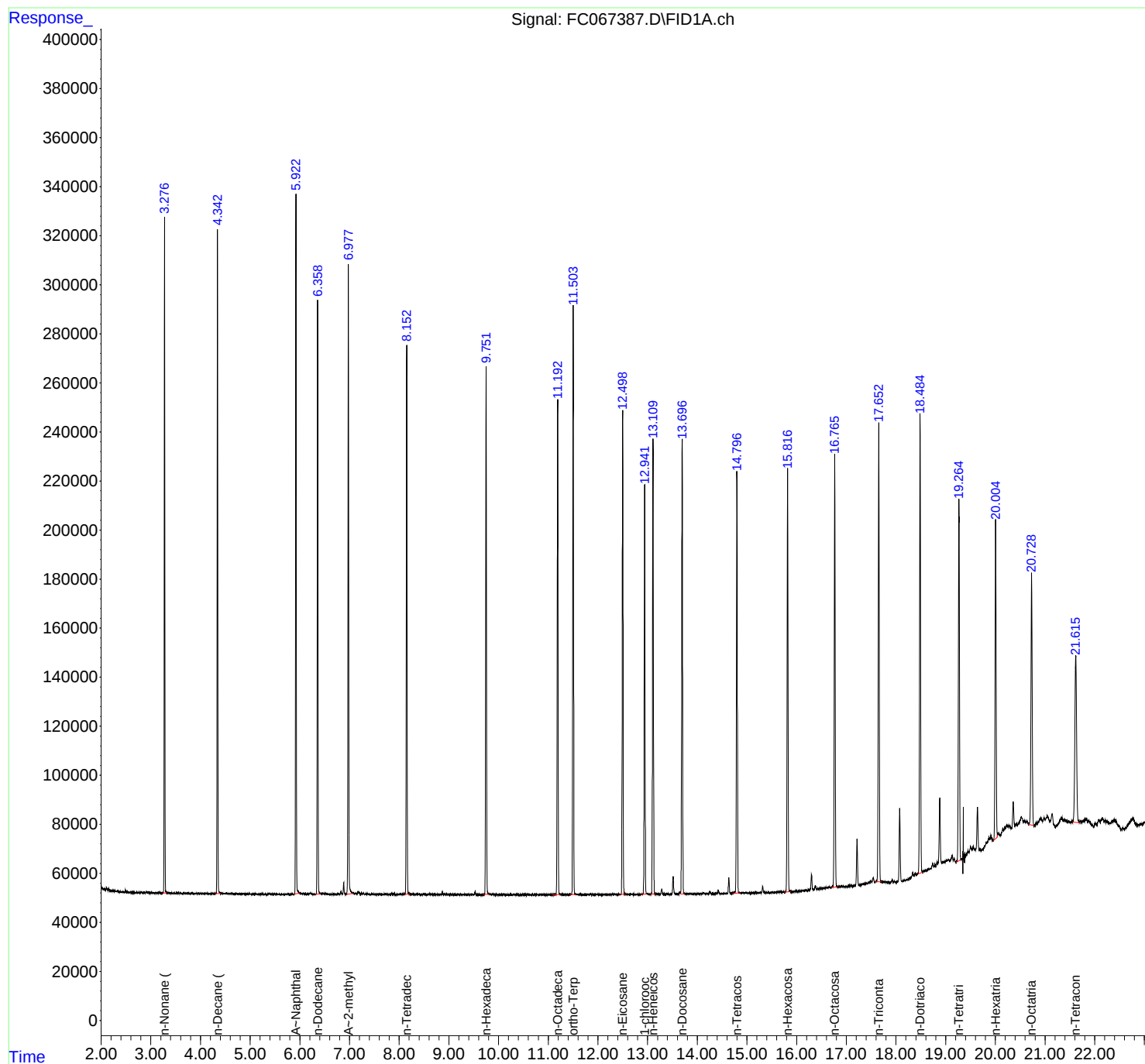
Instrument :
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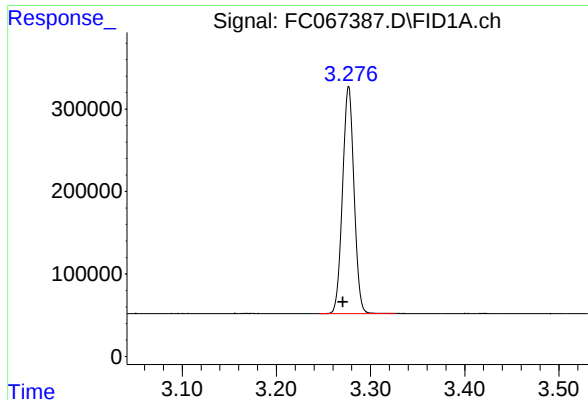
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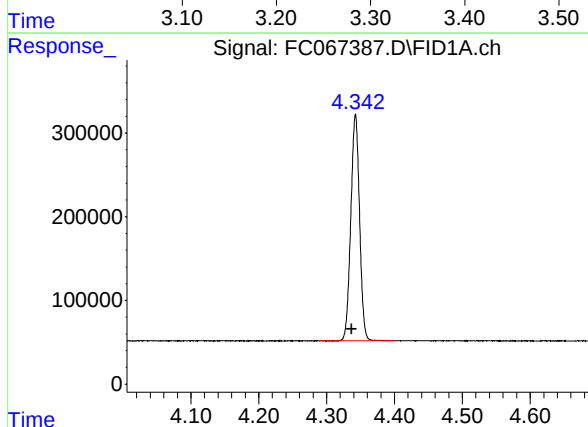
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: 0.006 min
Response: 2341491
Conc: 18.47 ug/ml

Instrument :
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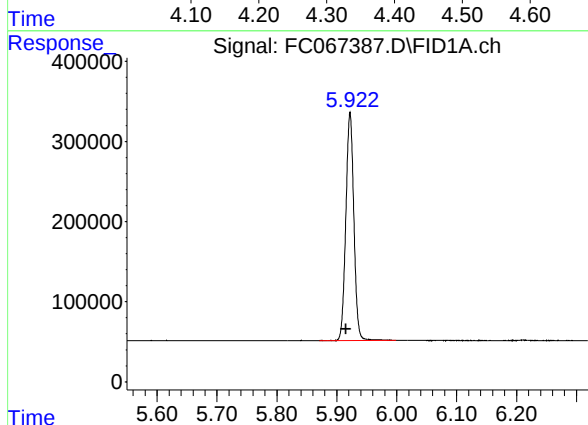
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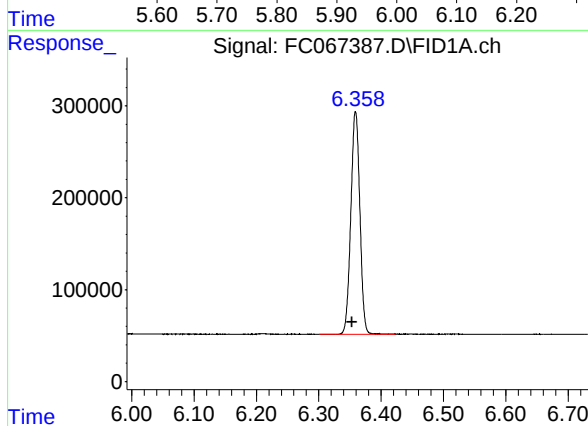
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 2427594
Conc: 18.89 ug/ml



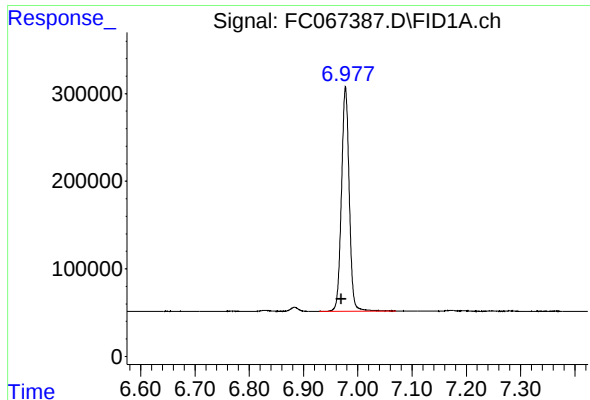
#3 n-Undecane (C11)

R.T.: 5.922 min
Delta R.T.: 0.007 min
Response: 2648562
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.006 min
Response: 2435076
Conc: 18.77 ug/ml



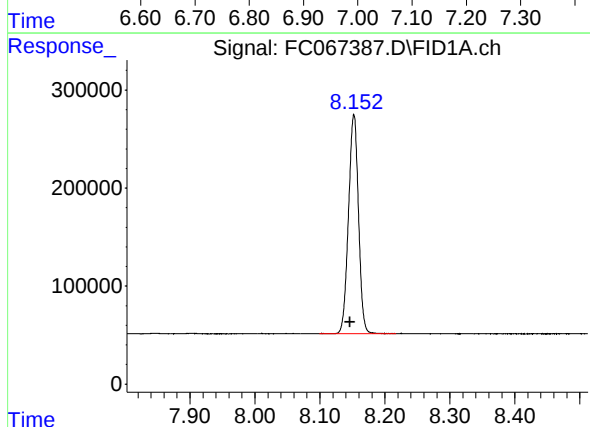
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: 0.008 min
Response: 2548530
Conc: 18.58 ug/ml

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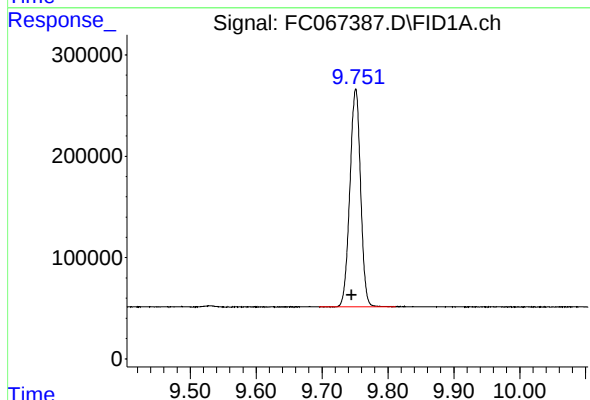
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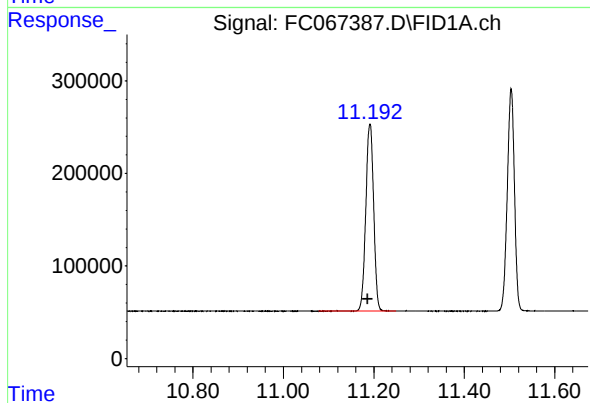
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.006 min
Response: 2387186
Conc: 18.53 ug/ml



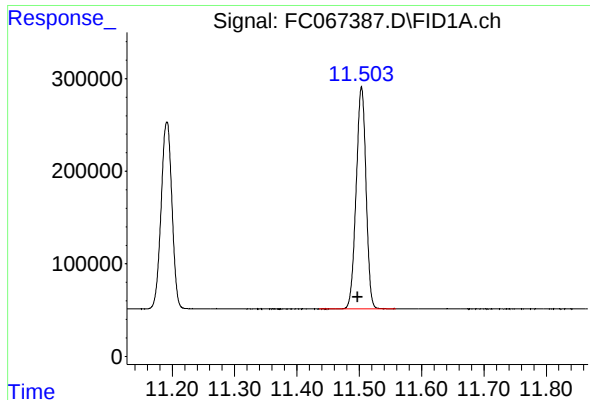
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.006 min
Response: 2429914
Conc: 18.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: 0.005 min
Response: 2434823
Conc: 17.96 ug/ml



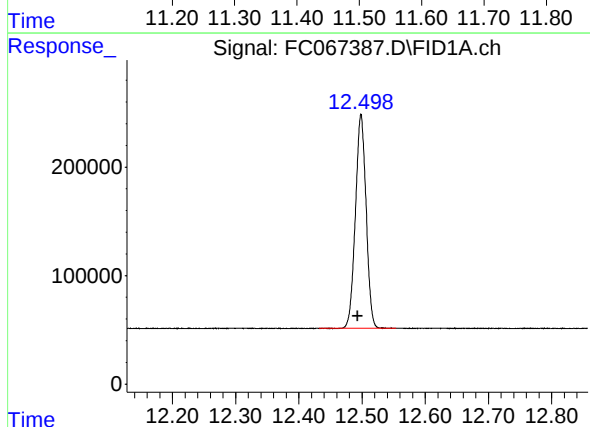
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.007 min
Response: 2638124
Conc: 17.34 ug/ml

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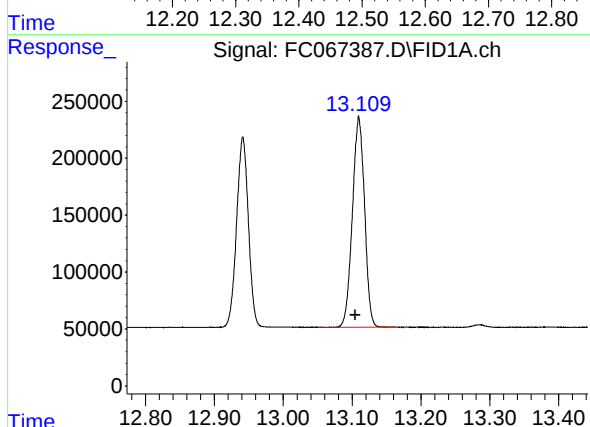
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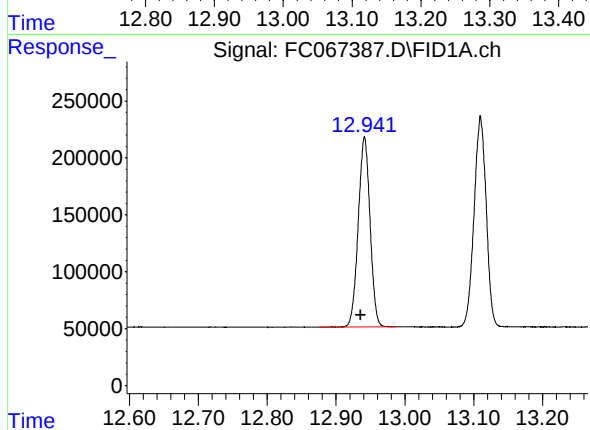
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.005 min
Response: 2315112
Conc: 17.73 ug/ml



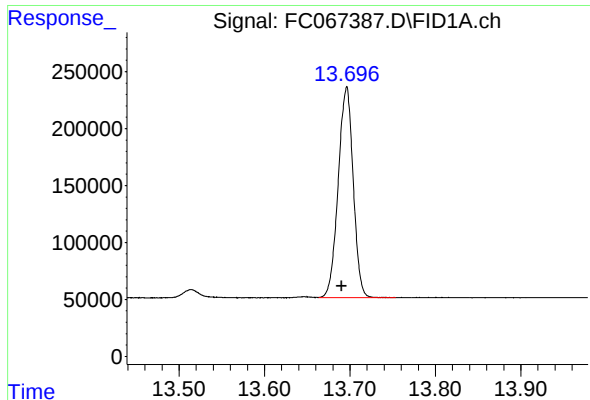
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.005 min
Response: 2265607
Conc: 17.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.006 min
Response: 1988030
Conc: 17.56 ug/ml



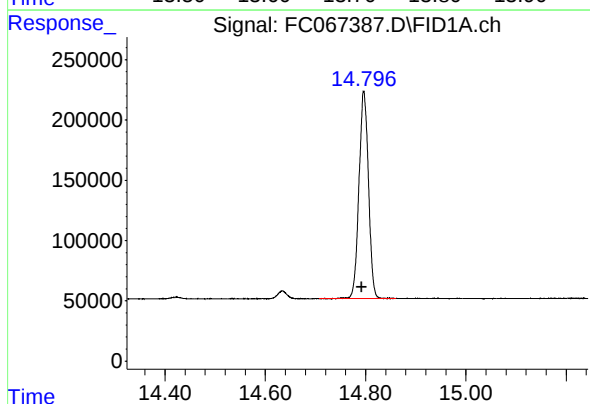
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: 0.005 min
Response: 2255827
Conc: 17.67 ug/ml

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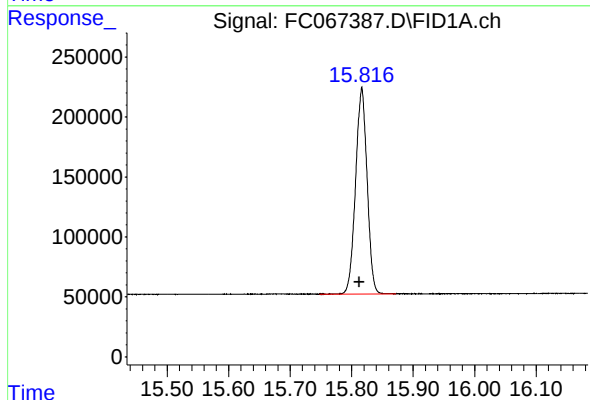
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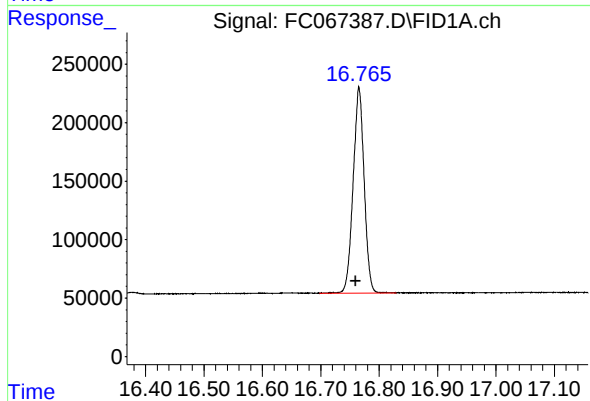
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.005 min
Response: 2255495
Conc: 17.64 ug/ml



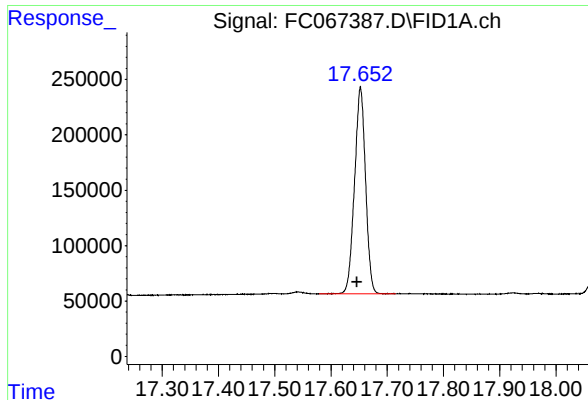
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.004 min
Response: 2234770
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.006 min
Response: 2304405
Conc: 18.34 ug/ml



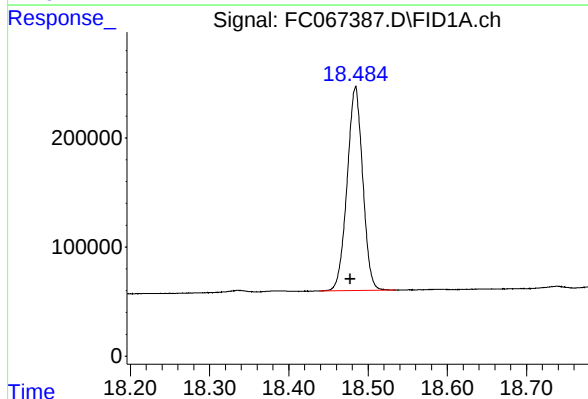
#17 n-Tricontane (C30)

R.T.: 17.652 min
Delta R.T.: 0.006 min
Response: 2537235
Conc: 19.70 ug/ml

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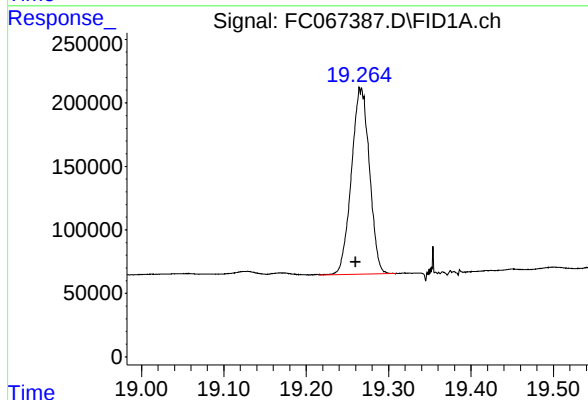
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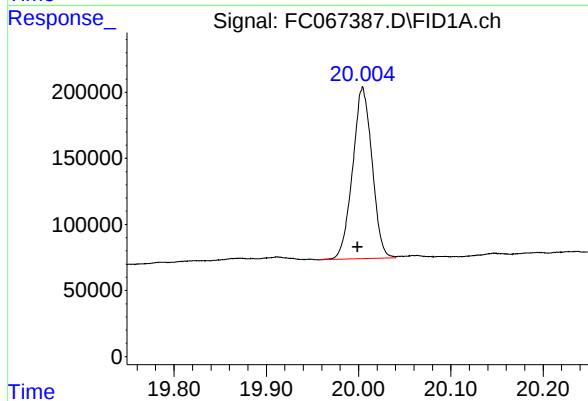
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: 0.007 min
Response: 2558274
Conc: 20.48 ug/ml m



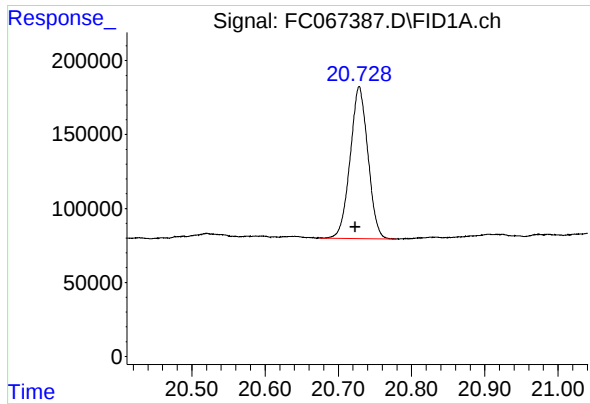
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.007 min
Response: 2228243
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: 0.005 min
Response: 1896119
Conc: 20.06 ug/ml



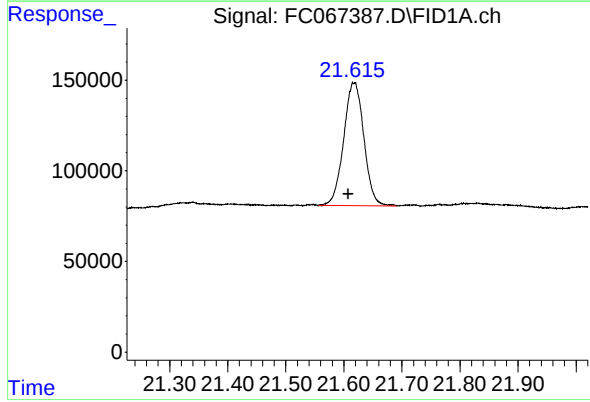
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: 0.006 min
Response: 1728681
Conc: 19.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: 0.007 min
Response: 1640751
Conc: 19.07 ug/ml m