

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112024AL\
 Data File : FC067836.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2024 20:35
 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 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
 Quant Time: Nov 21 01:09:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.502	3660721	18.882 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	12.939	2741592	18.887 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
Target Compounds			
1) T n-Nonane (C9)	3.287	3117239	19.111 ug/ml
2) T n-Decane (C10)	4.349	3207531	19.342 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3534127	19.296 ug/ml
4) T n-Dodecane (C12)	6.363	3273242	19.434 ug/ml
5) T A~2-methylnaphthalene...	6.980	3446918	19.435 ug/ml
6) T n-Tetradecane (C14)	8.154	3273639	19.547 ug/ml
7) T n-Hexadecane (C16)	9.751	3377517	19.490 ug/ml
8) T n-Octadecane (C18)	11.190	3416805	19.420 ug/ml
10) T n-Eicosane (C20)	12.497	3252811	19.318 ug/mlm
11) T n-Heneicosane (C21)	13.107	3126572	19.002 ug/ml
13) T n-Docosane (C22)	13.692	3160142	19.405 ug/ml
14) T n-Tetracosane (C24)	14.794	3210386	20.017 ug/ml
15) T n-Hexacosane (C26)	15.813	3187712	20.584 ug/ml
16) T n-Octacosane (C28)	16.761	3136239	20.767 ug/ml
17) T n-Tricontane (C30)	17.647	3074009	20.077 ug/mlm
18) T n-Dotriacontane (C32)	18.477	2912855	19.723 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2422773	19.209 ug/ml
20) T n-Hexatriacontane (C36)	19.998	2044701	19.550 ug/ml
21) T n-Octatriacontane (C38)	20.720	1896594	19.416 ug/mlm
22) T n-Tetracontane (C40)	21.604	1850453	18.986 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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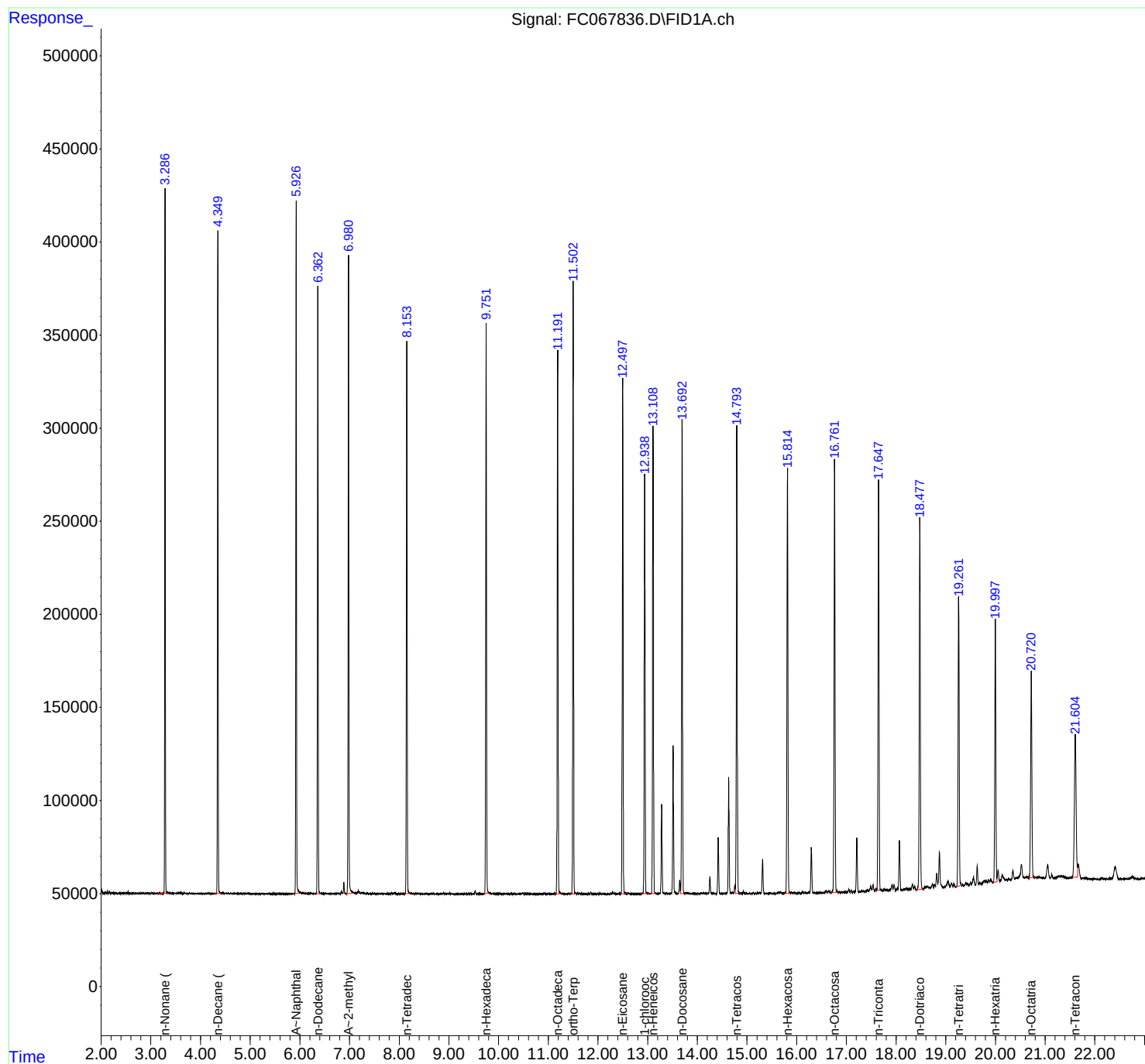
Instrument :
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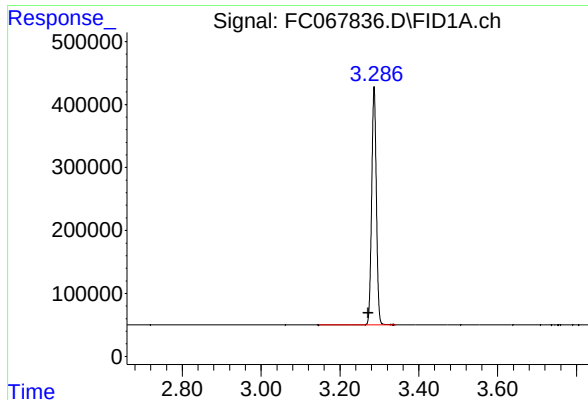
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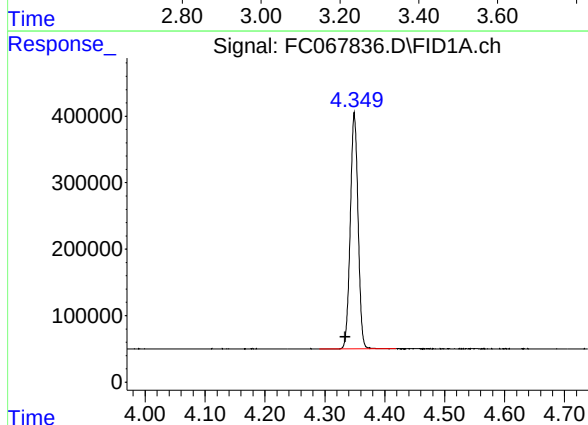
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.015 min
Response: 3117239
Conc: 19.11 ug/ml

Instrument :
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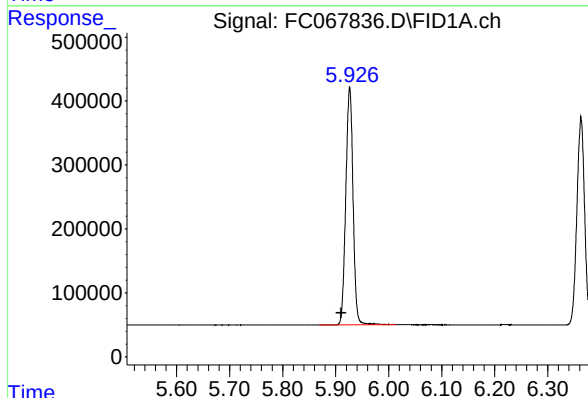
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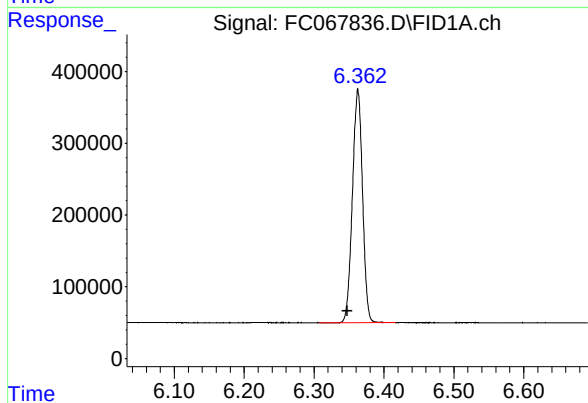
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.015 min
Response: 3207531
Conc: 19.34 ug/ml



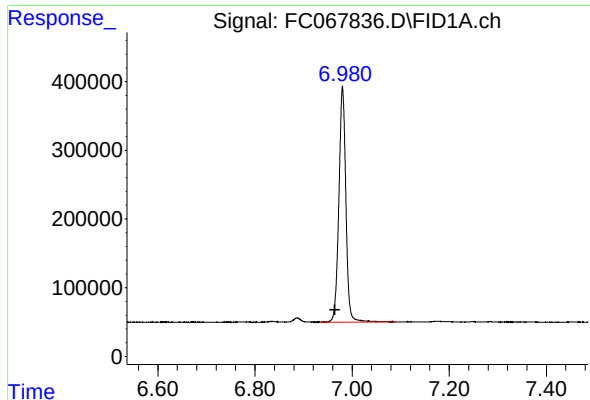
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: 0.016 min
Response: 3534127
Conc: 19.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.015 min
Response: 3273242
Conc: 19.43 ug/ml



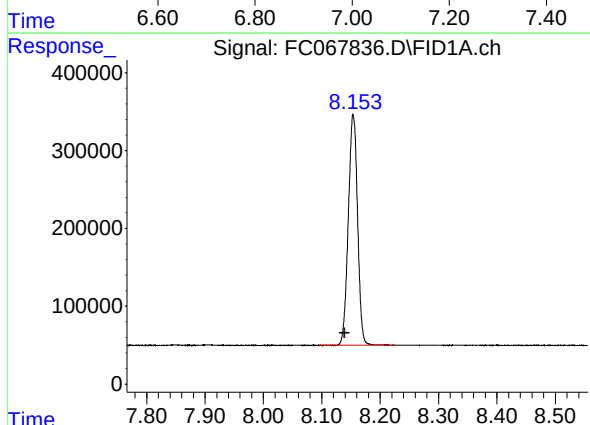
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.015 min
Response: 3446918
Conc: 19.44 ug/ml

Instrument :
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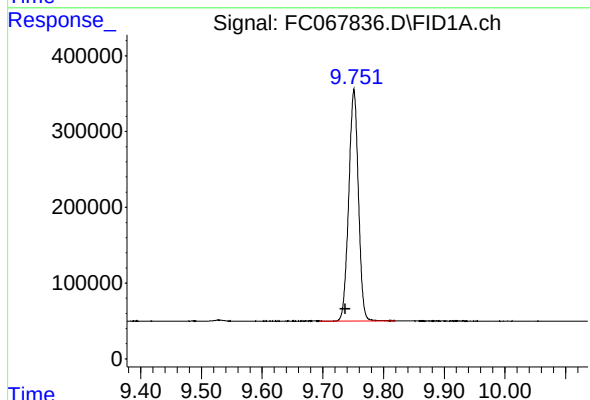
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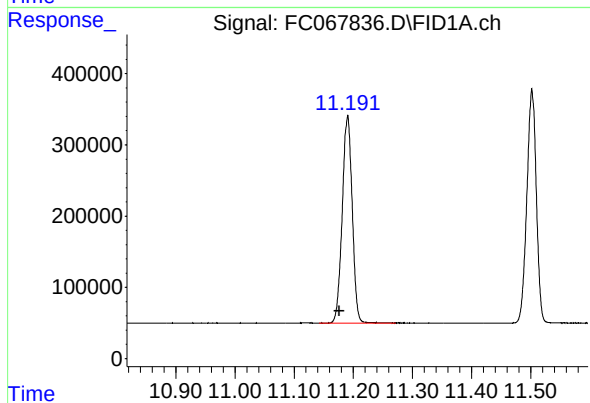
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.015 min
Response: 3273639
Conc: 19.55 ug/ml



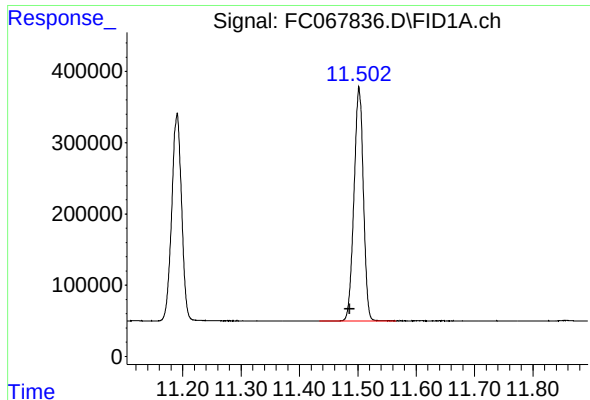
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.014 min
Response: 3377517
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.014 min
Response: 3416805
Conc: 19.42 ug/ml



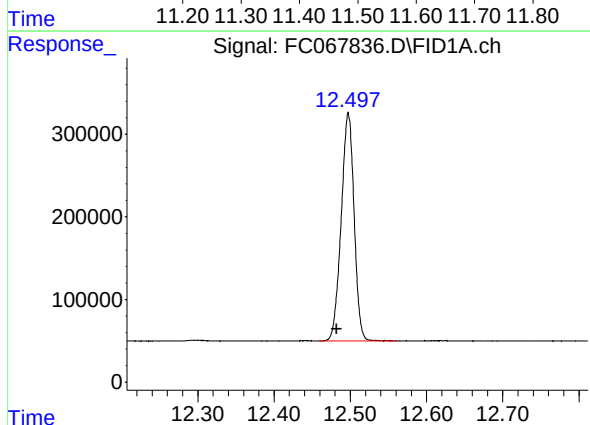
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: 0.016 min
Response: 3660721
Conc: 18.88 ug/ml

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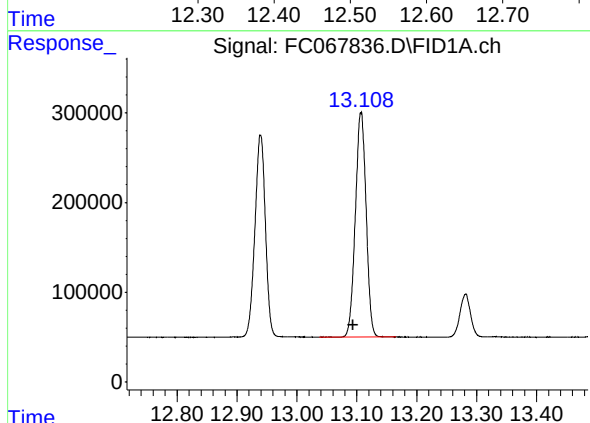
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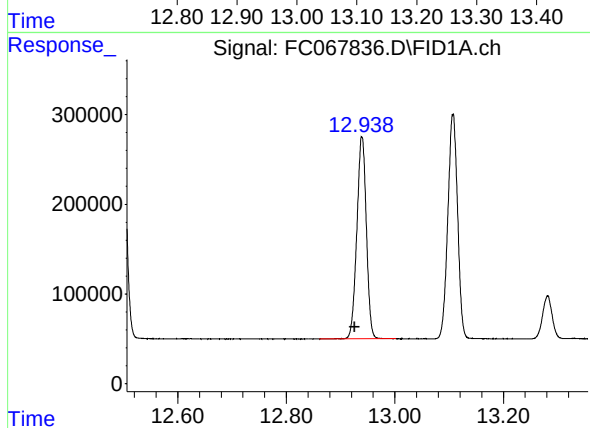
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.015 min
Response: 3252811
Conc: 19.32 ug/ml



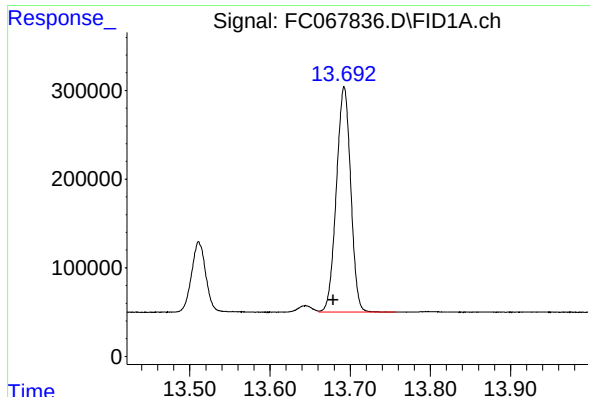
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.013 min
Response: 3126572
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: 0.014 min
Response: 2741592
Conc: 18.89 ug/ml



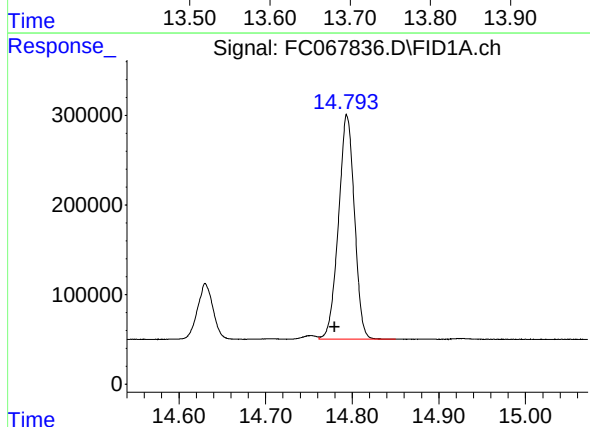
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.014 min
Response: 3160142
Conc: 19.40 ug/ml

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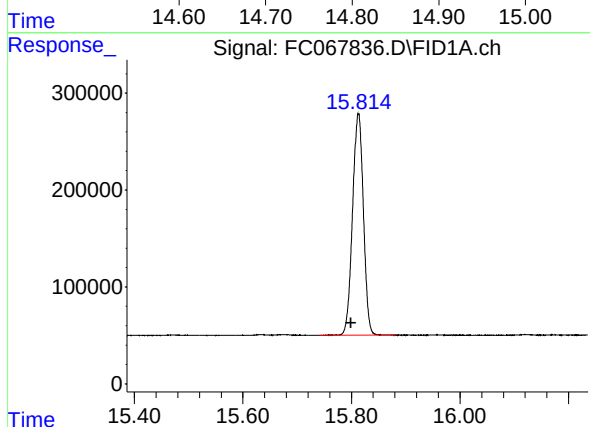
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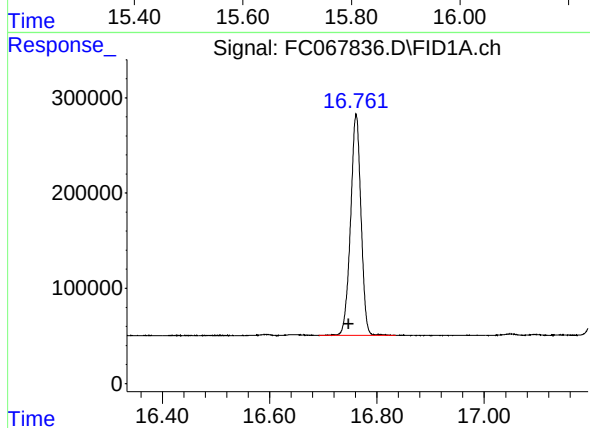
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: 0.014 min
Response: 3210386
Conc: 20.02 ug/ml



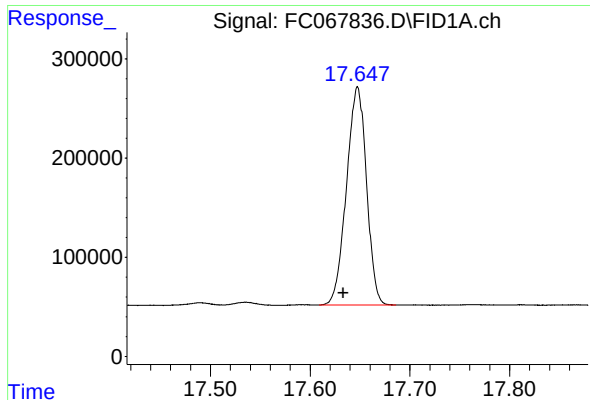
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.013 min
Response: 3187712
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.014 min
Response: 3136239
Conc: 20.77 ug/ml



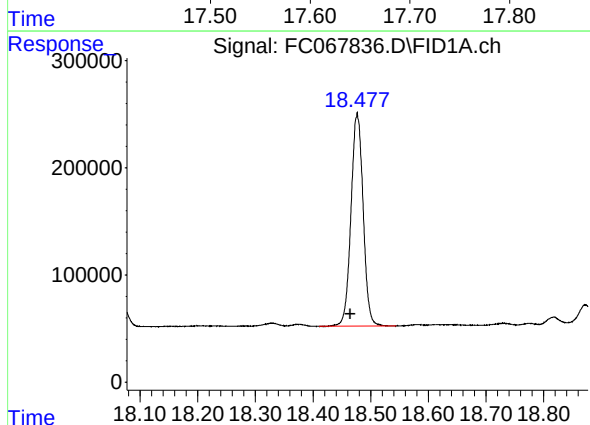
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.014 min
Response: 3074009
Conc: 20.08 ug/ml

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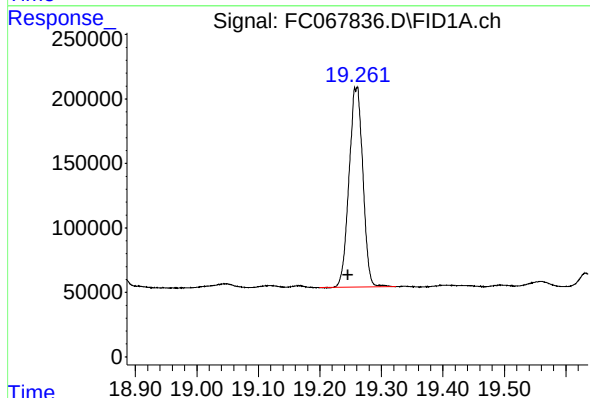
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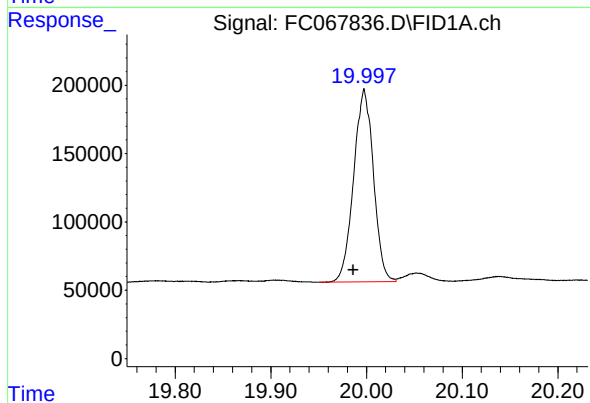
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.012 min
Response: 2912855
Conc: 19.72 ug/ml



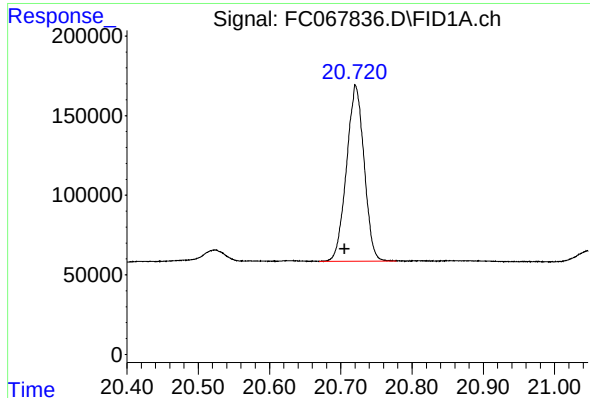
#19 n-Tetatriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.014 min
Response: 2422773
Conc: 19.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.998 min
Delta R.T.: 0.011 min
Response: 2044701
Conc: 19.55 ug/ml



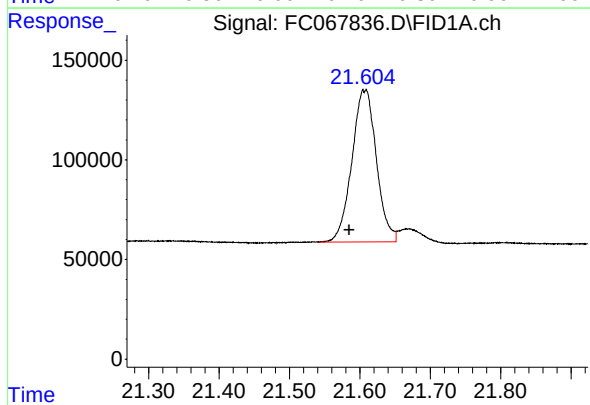
#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.014 min
Response: 1896594
Conc: 19.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: 0.019 min
Response: 1850453
Conc: 18.99 ug/ml