

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110624AL\
 Data File : FC067648.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 22:30
 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 11/07/2024
 Supervised By :Ankita Jodhani 11/07/2024

Integration File: autoint1.e
 Quant Time: Nov 07 00:33:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.493	3034784	20.683 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	12.931	2302366	21.321 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
Target Compounds			
1) T n-Nonane (C9)	3.271	2756650	20.462 ug/ml
2) T n-Decane (C10)	4.336	2816853	20.675 ug/ml
3) T A~Naphthalene (C11.7)	5.914	3072895	20.736 ug/ml
4) T n-Dodecane (C12)	6.351	2844505	21.002 ug/ml
5) T A~2-methylnaphthalene...	6.968	2953879	20.917 ug/ml
6) T n-Tetradecane (C14)	8.144	2785140	21.218 ug/ml
7) T n-Hexadecane (C16)	9.742	2822149	21.363 ug/ml
8) T n-Octadecane (C18)	11.181	2824121	21.377 ug/ml
10) T n-Eicosane (C20)	12.488	2680788	21.246 ug/ml
11) T n-Heneicosane (C21)	13.099	2626291	21.280 ug/ml
13) T n-Docosane (C22)	13.685	2602080	21.250 ug/ml
14) T n-Tetracosane (C24)	14.786	2580532	21.290 ug/ml
15) T n-Hexacosane (C26)	15.806	2524525	21.205 ug/ml
16) T n-Octacosane (C28)	16.753	2491018	21.174 ug/ml
17) T n-Tricontane (C30)	17.640	2516429	20.819 ug/ml
18) T n-Dotriacontane (C32)	18.471	2493446	21.074 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2189501	20.907 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2011449	22.097 ug/ml
21) T n-Octatriacontane (C38)	20.714	2113401	24.404 ug/ml
22) T n-Tetracontane (C40)	21.597	1823339	21.448 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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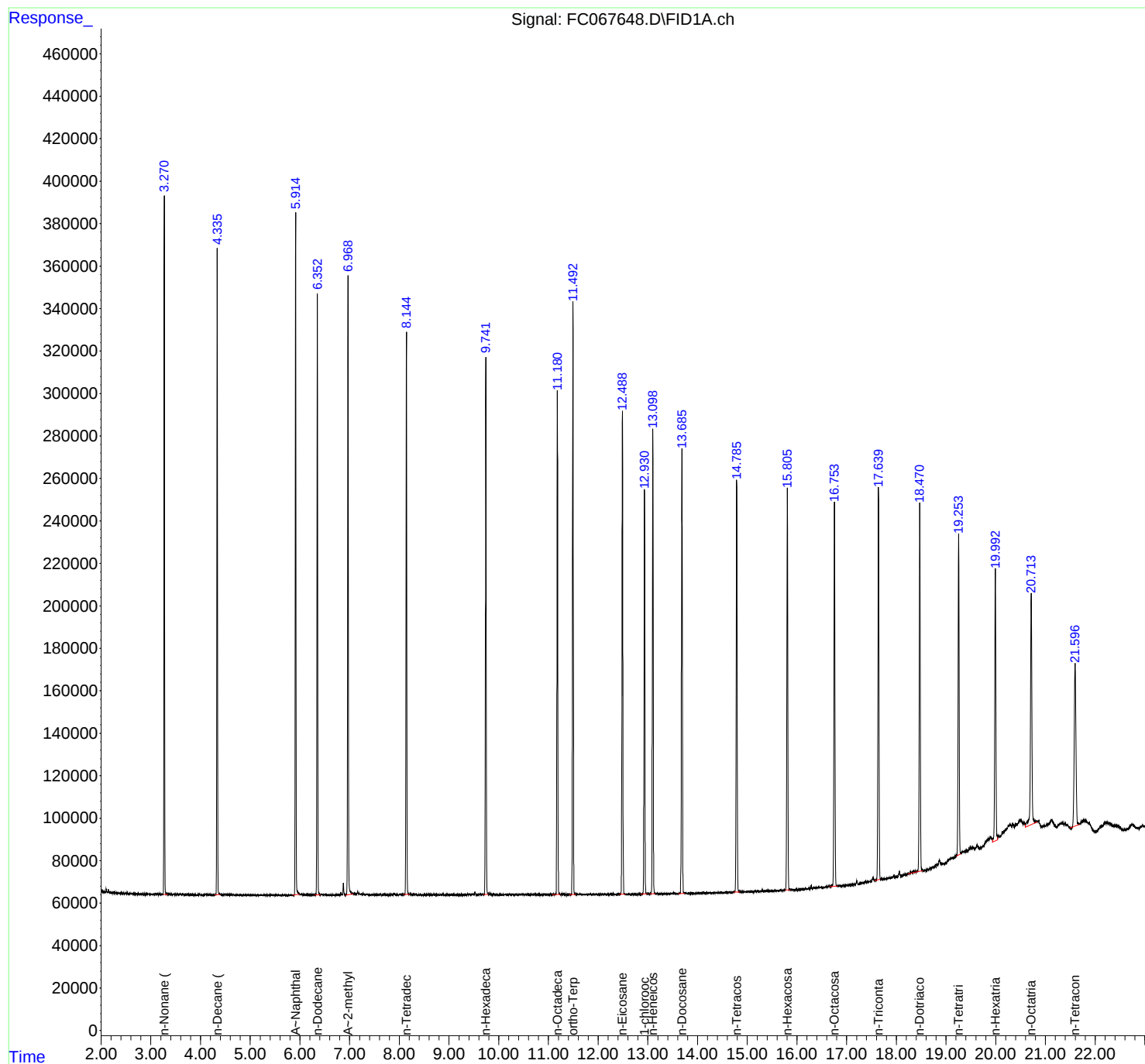
Instrument :
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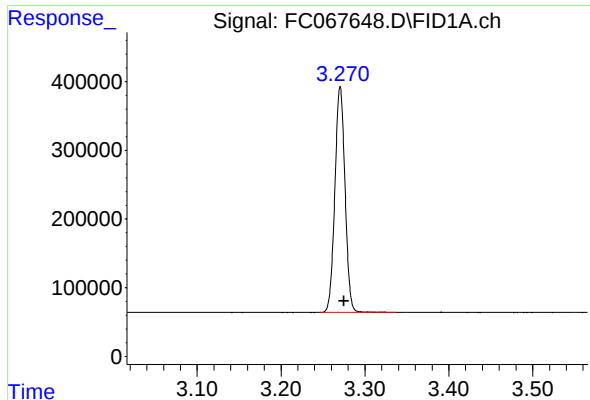
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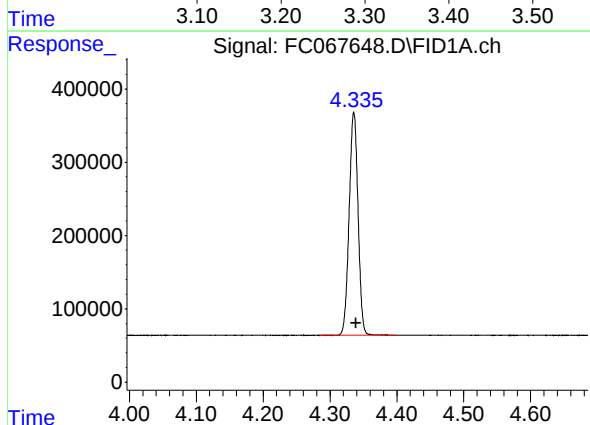
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2756650
Conc: 20.46 ug/ml

Instrument :
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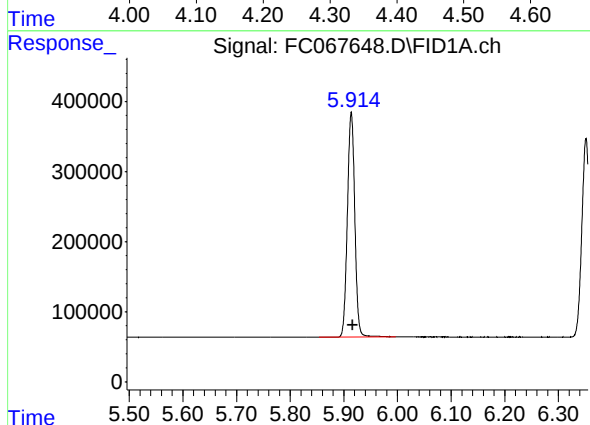
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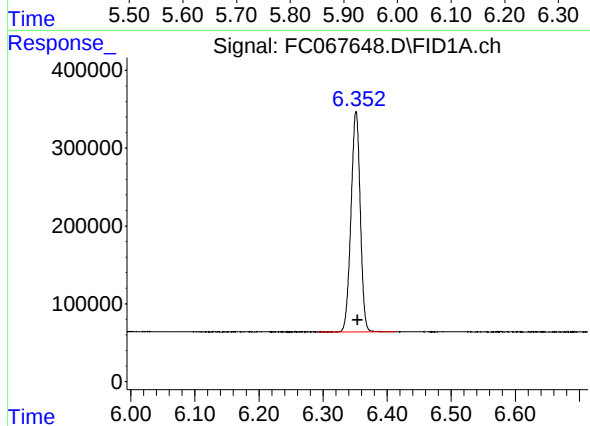
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.003 min
Response: 2816853
Conc: 20.67 ug/ml



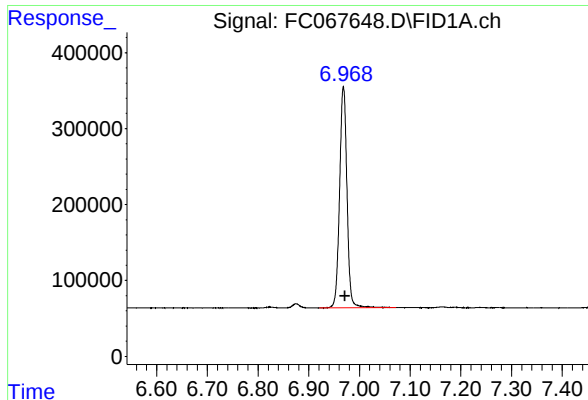
#3 n-Undecane (C11)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 3072895
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 2844505
Conc: 21.00 ug/ml



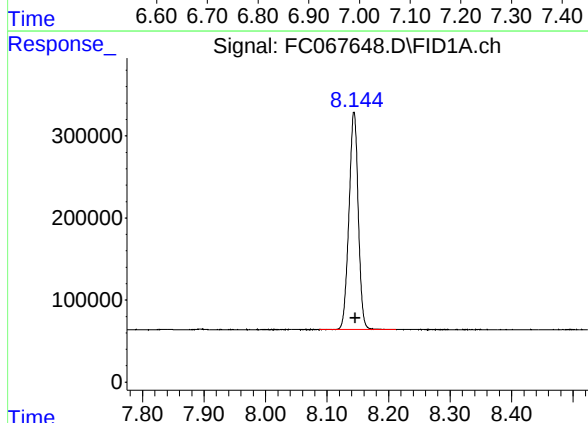
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 2953879
Conc: 20.92 ug/ml

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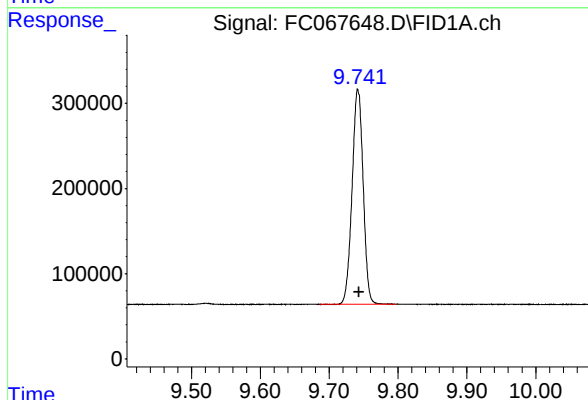
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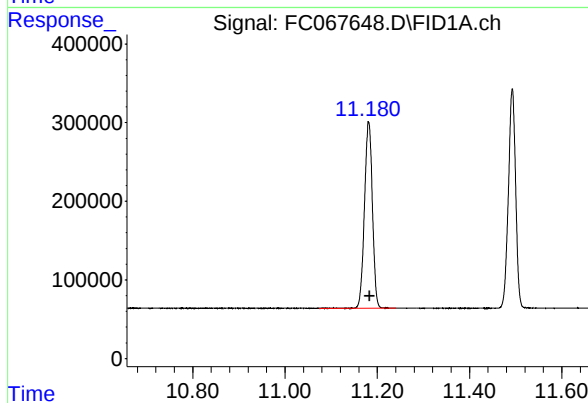
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 2785140
Conc: 21.22 ug/ml



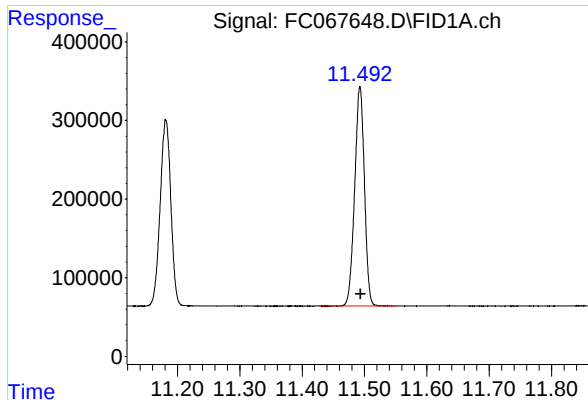
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.002 min
Response: 2822149
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: -0.002 min
Response: 2824121
Conc: 21.38 ug/ml



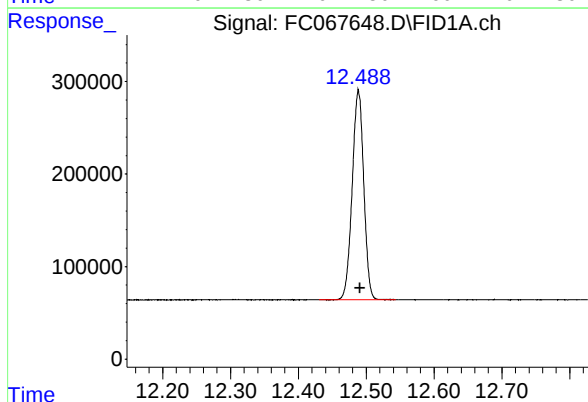
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: -0.001 min
Response: 3034784
Conc: 20.68 ug/ml

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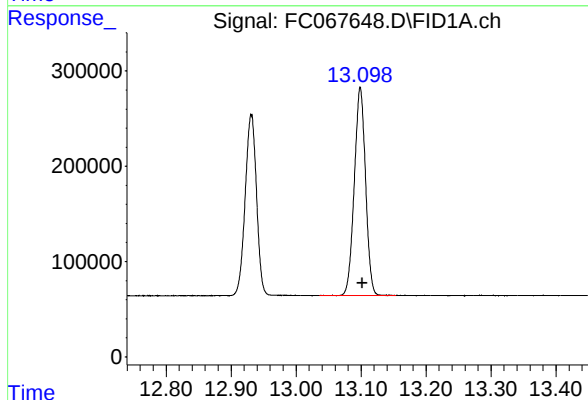
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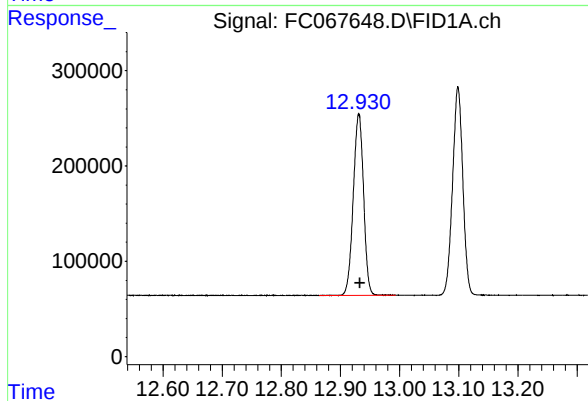
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.002 min
Response: 2680788
Conc: 21.25 ug/ml



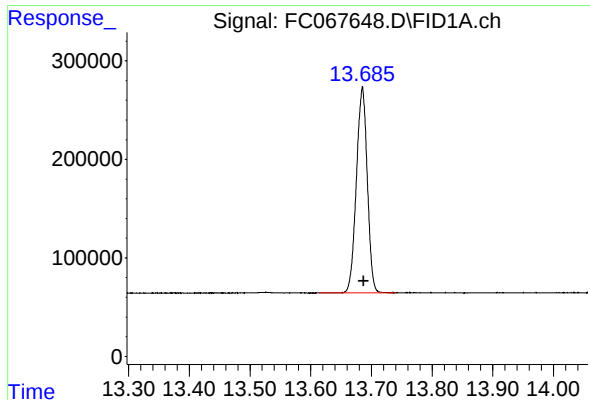
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2626291
Conc: 21.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 2302366
Conc: 21.32 ug/ml



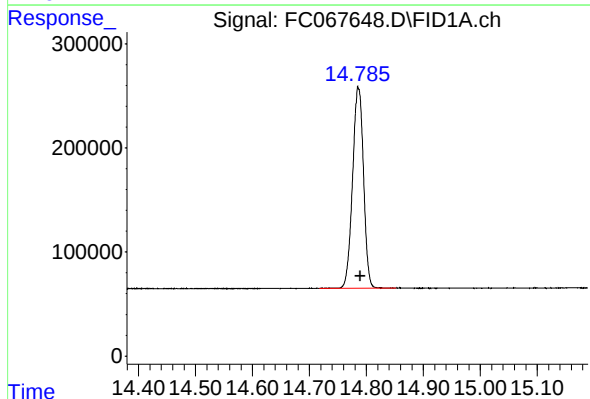
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 2602080
Conc: 21.25 ug/ml

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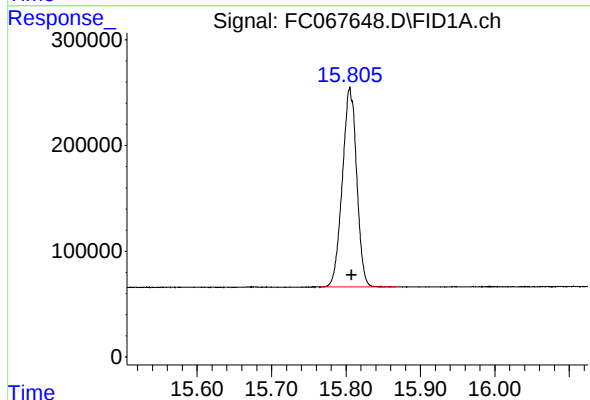
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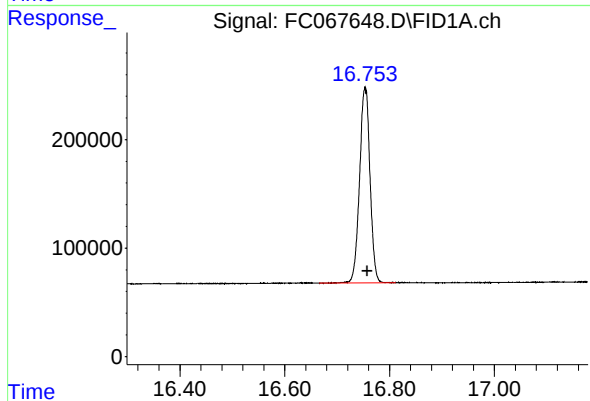
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.003 min
Response: 2580532
Conc: 21.29 ug/ml



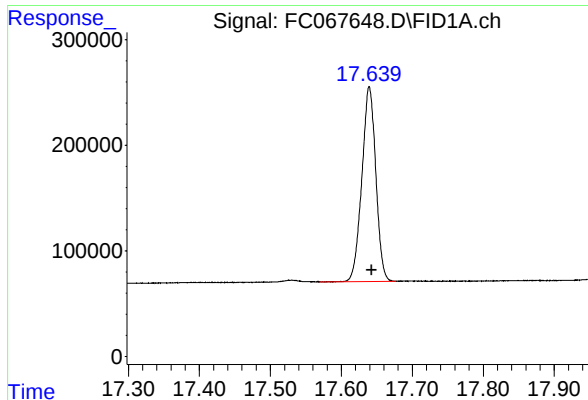
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.002 min
Response: 2524525
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.753 min
Delta R.T.: -0.004 min
Response: 2491018
Conc: 21.17 ug/ml



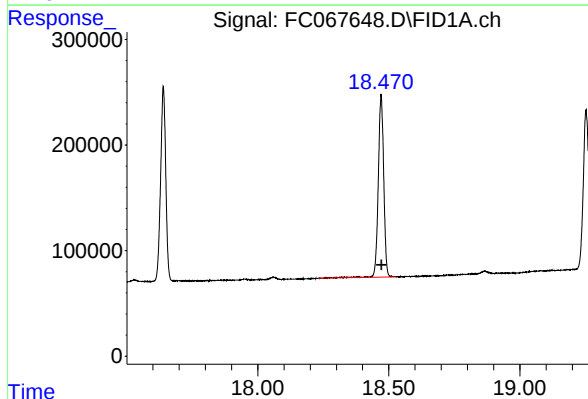
#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: -0.003 min
Response: 2516429
Conc: 20.82 ug/ml

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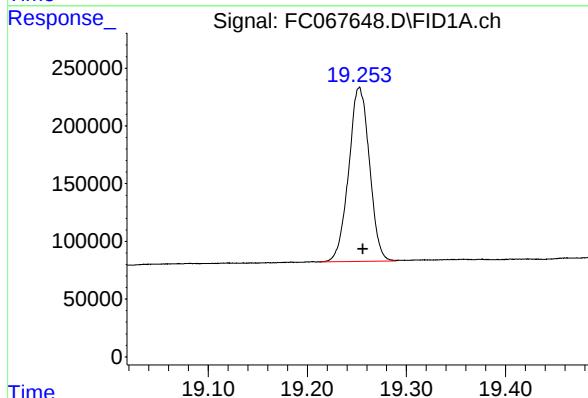
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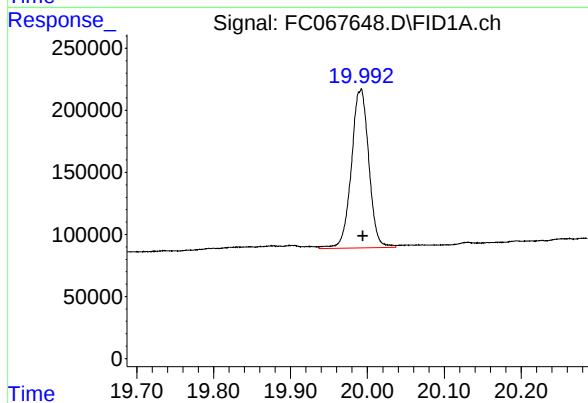
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.003 min
Response: 2493446
Conc: 21.07 ug/ml



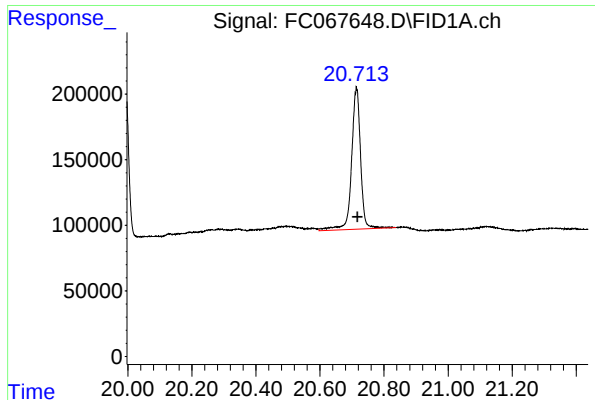
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.004 min
Response: 2189501
Conc: 20.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: -0.003 min
Response: 2011449
Conc: 22.10 ug/ml



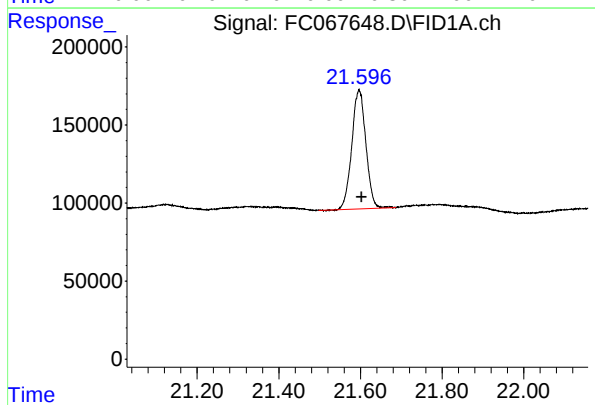
#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.004 min
Response: 2113401
Conc: 24.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.007 min
Response: 1823339
Conc: 21.45 ug/ml