

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068662.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 17:54
 Operator : YP/AJ
 Sample : Q1841-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

VNJ-231MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/22/2025

Supervised By :mohammad ahmed 04/23/2025

Integration File: autoint1.e

Quant Time: Apr 22 01:27:36 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M

Quant Title : GC Extractables

QLast Update : Tue Apr 08 17:31:27 2025

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)	11.719	3421268	26.868 ug/ml
Spiked Amount 50.000		Recovery =	53.74%
12) S 1-chlorooctadecane (S...	13.152	2903959	31.261 ug/ml
Spiked Amount 50.000		Recovery =	62.52%
Target Compounds			
1) T n-Nonane (C9)	3.447	2387128	22.665 ug/ml
2) T n-Decane (C10)	4.524	2709094	25.713 ug/ml
3) T A~Naphthalene (C11.7)	6.121	3410821	29.287 ug/ml
4) T n-Dodecane (C12)	6.548	3054202	29.043 ug/ml
5) T A~2-methylnaphthalene...	7.179	3294104	28.521 ug/ml
6) T n-Tetradecane (C14)	8.348	3280206	31.907 ug/ml
7) T n-Hexadecane (C16)	9.950	3404059	33.425 ug/ml
8) T n-Octadecane (C18)	11.394	3429993	34.084 ug/ml
10) T n-Eicosane (C20)	12.706	3594233	36.542 ug/ml
11) T n-Heneicosane (C21)	13.318	3449784	35.398 ug/ml
13) T n-Docosane (C22)	13.906	3416688	35.371 ug/mlm
14) T n-Tetracosane (C24)	15.006	8134980	85.466 ug/ml
15) T n-Hexacosane (C26)	16.035	3328713	35.638 ug/ml
16) T n-Octacosane (C28)	16.986	3615091	39.484 ug/ml
17) T n-Tricontane (C30)	17.876	3477140	37.823 ug/ml
18) T n-Dotriacontane (C32)	18.710	3345879	36.476 ug/ml
19) T n-Tetratriacontane (C34)	19.495	3345509	37.447 ug/ml
20) T n-Hexatriacontane (C36)	20.235	3163052	35.310 ug/ml
21) T n-Octatriacontane (C38)	21.014	3022846	34.190 ug/ml
22) T n-Tetracontane (C40)	21.994	3094825	35.047 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q1841-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

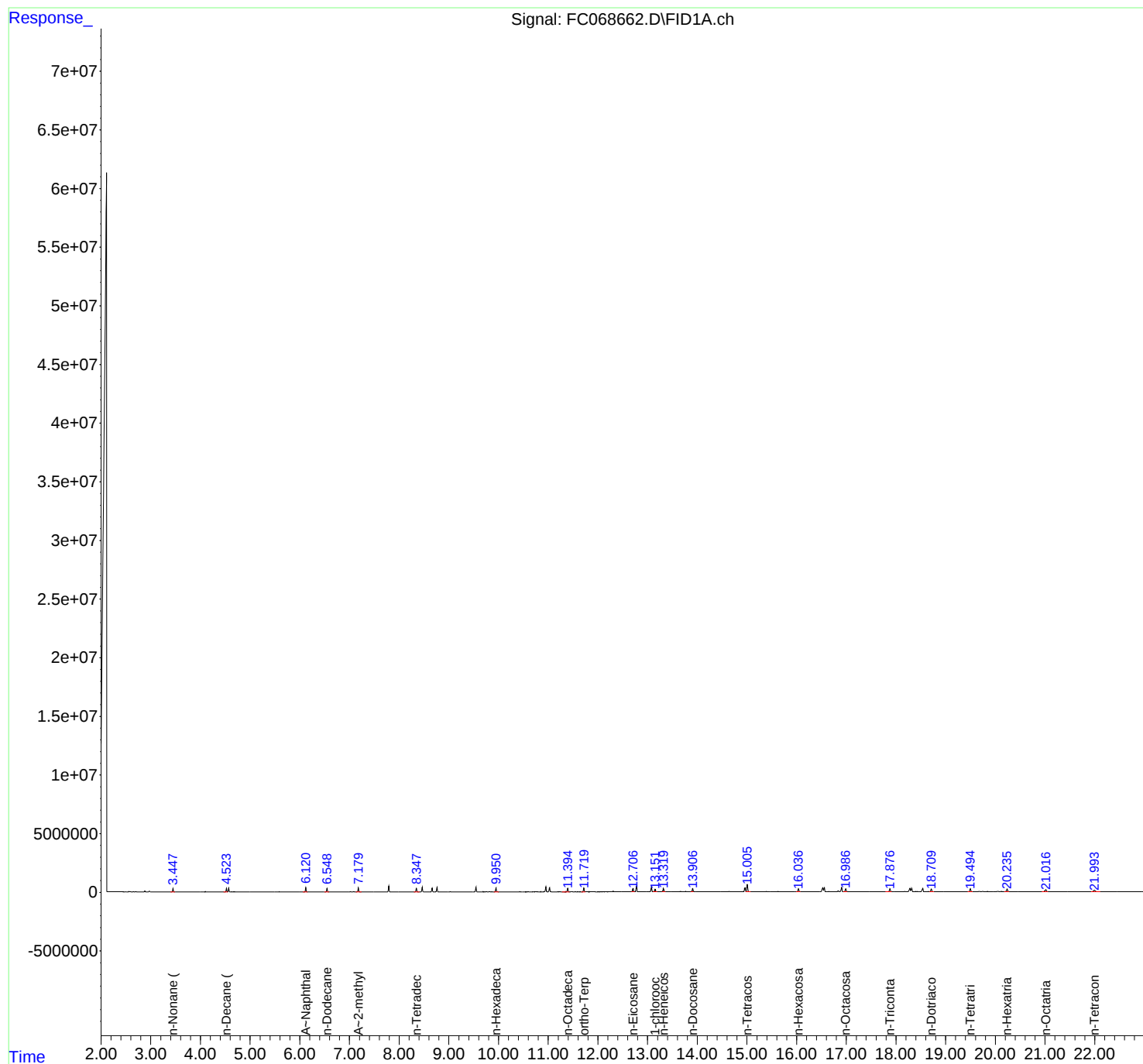
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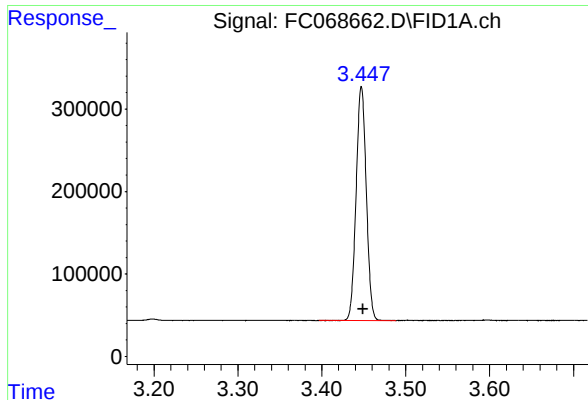
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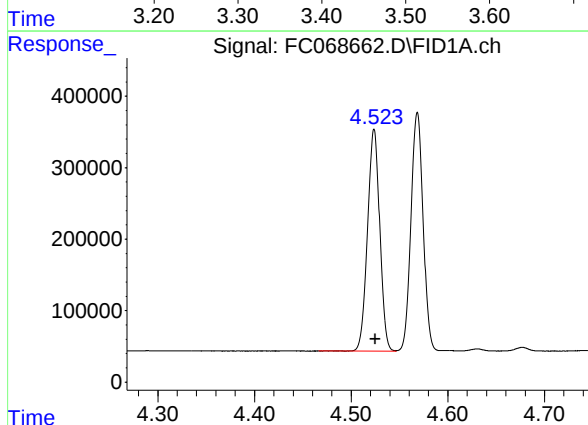
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2387128
Conc: 22.66 ug/ml

Instrument :
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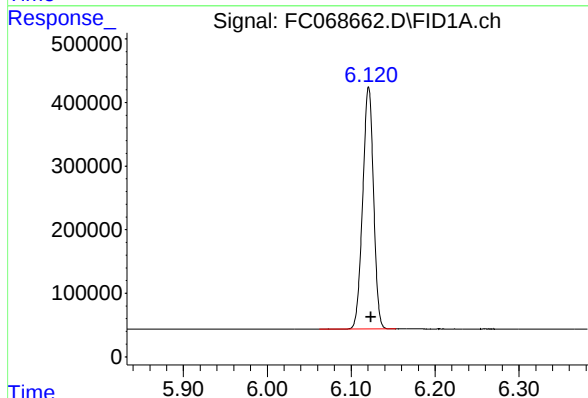
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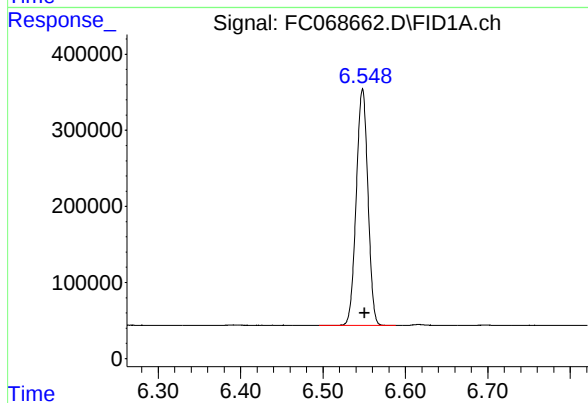
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 2709094
Conc: 25.71 ug/ml



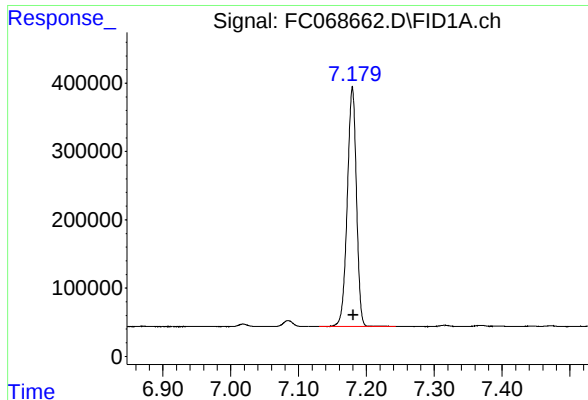
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 3410821
Conc: 29.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 3054202
Conc: 29.04 ug/ml



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

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 3294104
Conc: 28.52 ug/ml

Instrument :

FID_C

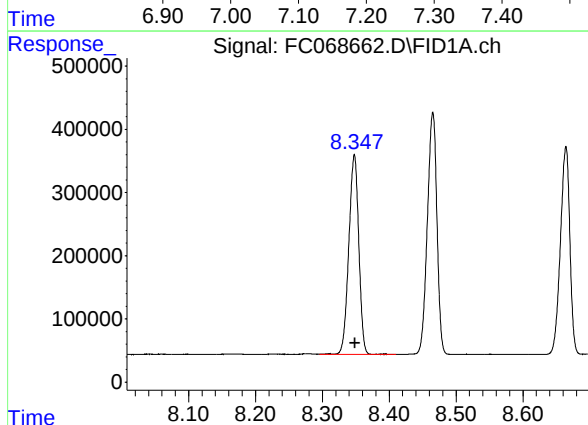
ClientSampleId :

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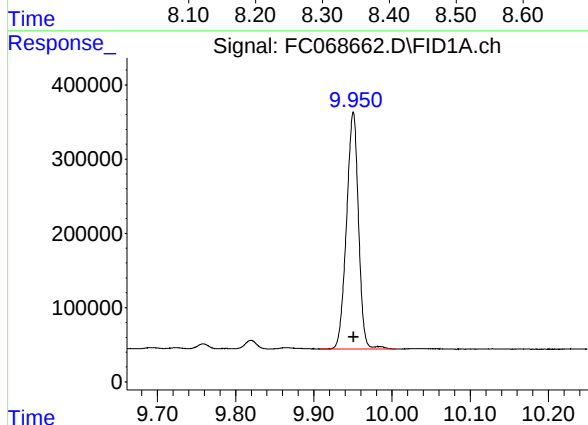
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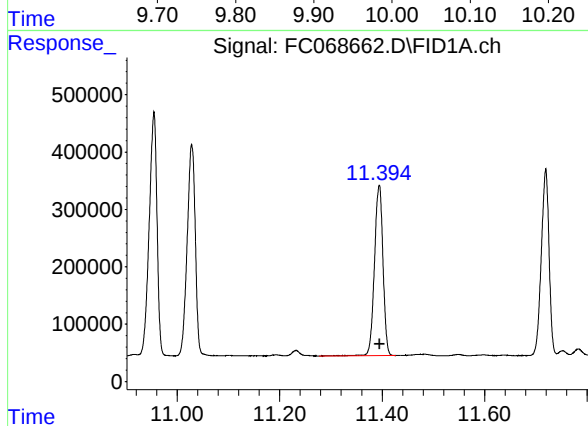
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 3280206
Conc: 31.91 ug/ml



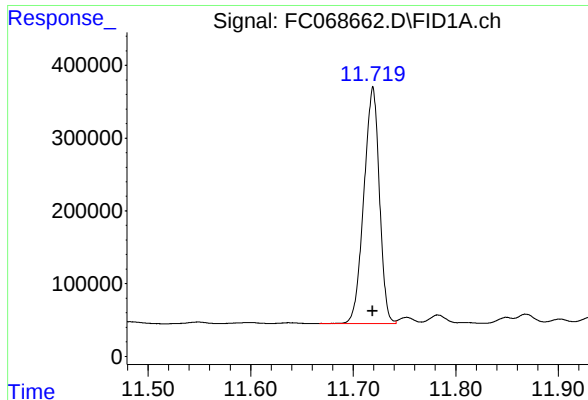
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.000 min
Response: 3404059
Conc: 33.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 3429993
Conc: 34.08 ug/ml



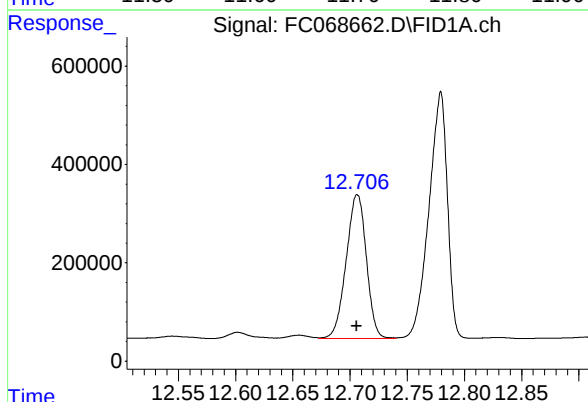
#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 3421268
Conc: 26.87 ug/ml

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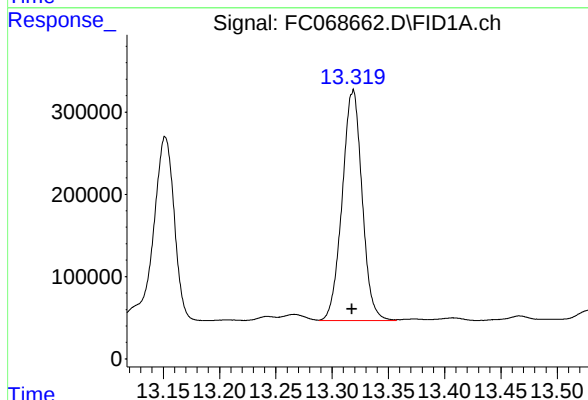
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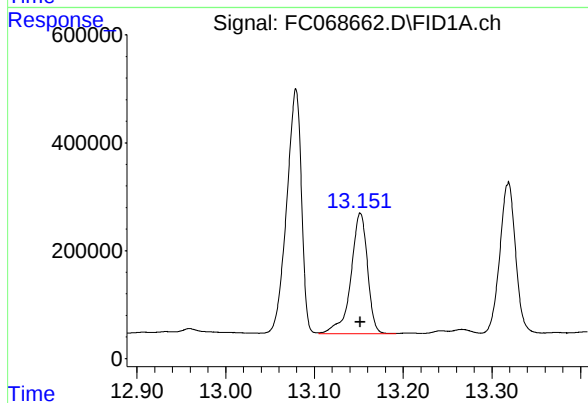
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3594233
Conc: 36.54 ug/ml



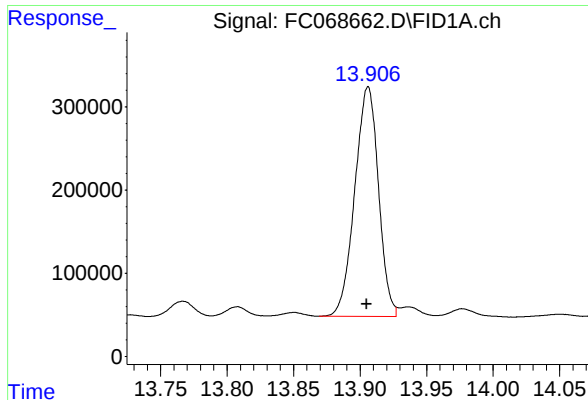
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 3449784
Conc: 35.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 2903959
Conc: 31.26 ug/ml



#13 n-Docosane (C22)

R.T.: 13.906 min
Delta R.T.: 0.000 min
Response: 3416688
Conc: 35.37 ug/ml

Instrument :

FID_C

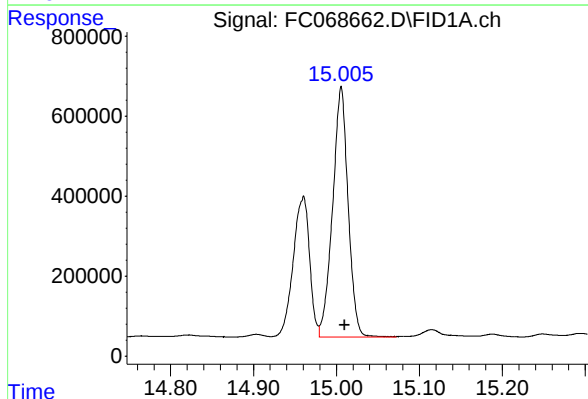
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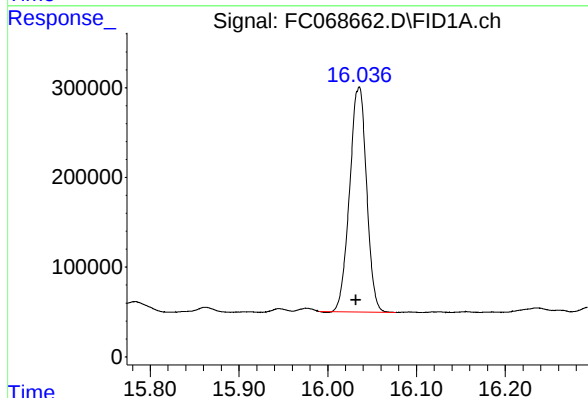
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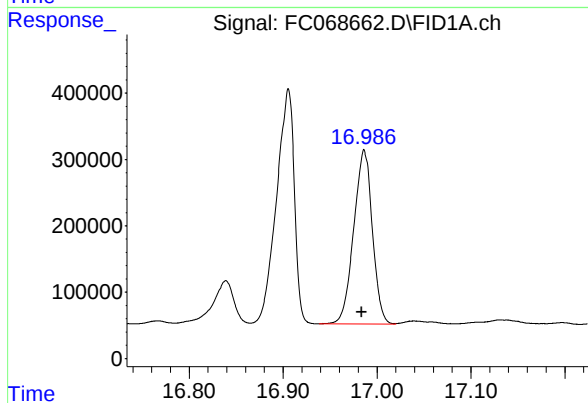
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: -0.004 min
Response: 8134980
Conc: 85.47 ug/ml



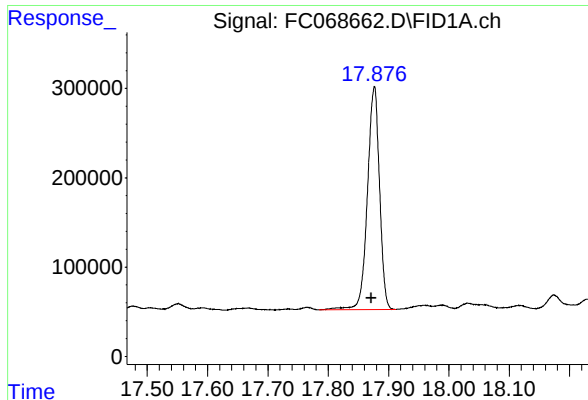
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.003 min
Response: 3328713
Conc: 35.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.986 min
Delta R.T.: 0.003 min
Response: 3615091
Conc: 39.48 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 3477140
Conc: 37.82 ug/ml

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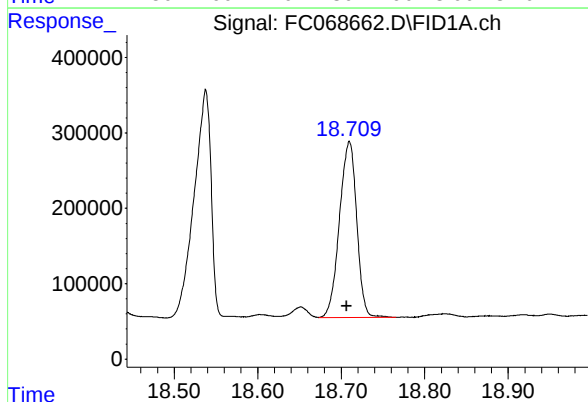
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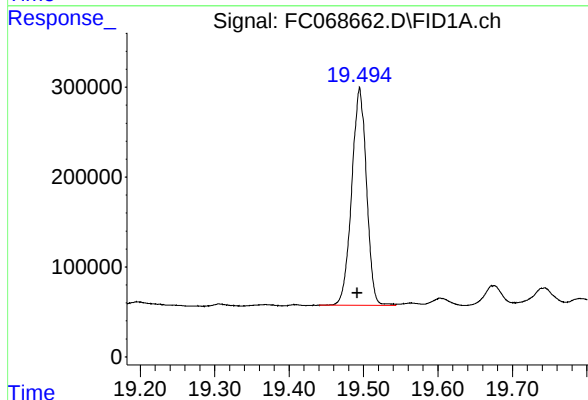
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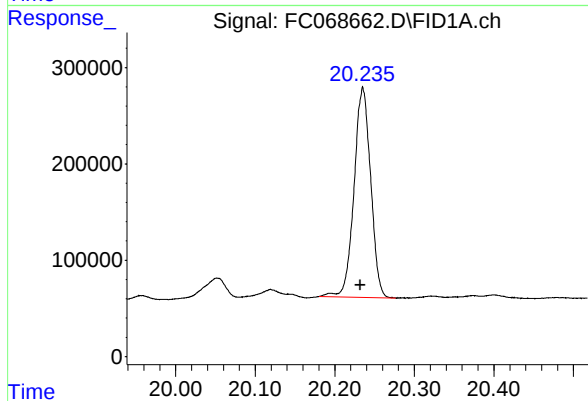
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.003 min
Response: 3345879
Conc: 36.48 ug/ml



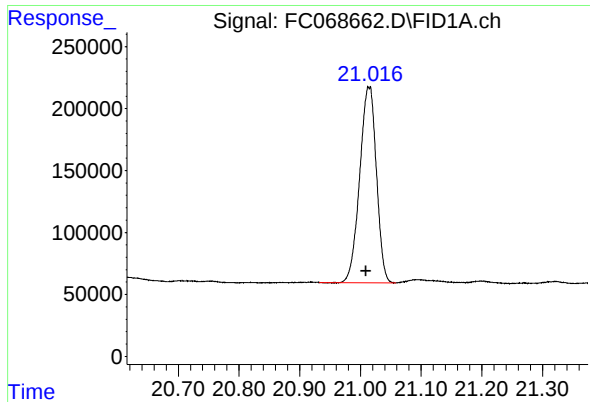
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.003 min
Response: 3345509
Conc: 37.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.235 min
Delta R.T.: 0.003 min
Response: 3163052
Conc: 35.31 ug/ml



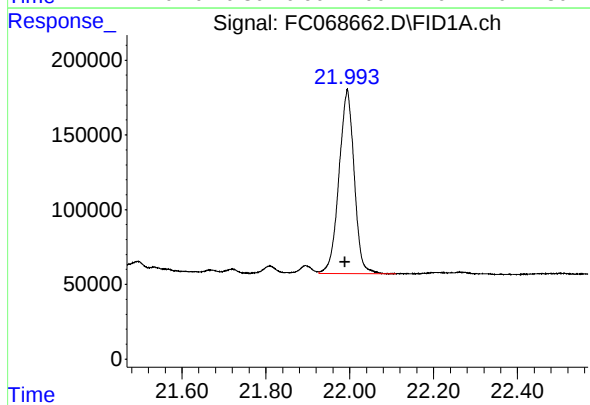
#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: 0.005 min
Response: 3022846
Conc: 34.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.005 min
Response: 3094825
Conc: 35.05 ug/ml