

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068661.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 17:18
 Operator : YP/AJ
 Sample : Q1841-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

VNJ-231MS

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 01:27:13 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	3506256	27.535 ug/ml
Spiked Amount 50.000		Recovery =	55.07%
12) S 1-chlorooctadecane (S...	13.152	2967424	31.944 ug/ml
Spiked Amount 50.000		Recovery =	63.89%
Target Compounds			
1) T n-Nonane (C9)	3.448	2457053	23.329 ug/ml
2) T n-Decane (C10)	4.524	2784769	26.431 ug/ml
3) T A~Naphthalene (C11.7)	6.121	3510306	30.141 ug/ml
4) T n-Dodecane (C12)	6.549	3140287	29.861 ug/ml
5) T A~2-methylnaphthalene...	7.179	3373649	29.210 ug/ml
6) T n-Tetradecane (C14)	8.348	3367154	32.753 ug/ml
7) T n-Hexadecane (C16)	9.950	3455223	33.928 ug/mlm
8) T n-Octadecane (C18)	11.394	3500992	34.790 ug/ml
10) T n-Eicosane (C20)	12.707	3663696	37.248 ug/ml
11) T n-Heneicosane (C21)	13.319	3521567	36.135 ug/ml
13) T n-Docosane (C22)	13.905	3484934	36.078 ug/mlm
14) T n-Tetracosane (C24)	15.006	8321874	87.429 ug/ml
15) T n-Hexacosane (C26)	16.034	3400381	36.405 ug/ml
16) T n-Octacosane (C28)	16.986	3704904	40.465 ug/ml
17) T n-Tricontane (C30)	17.876	3580941	38.952 ug/ml
18) T n-Dotriacontane (C32)	18.710	3443083	37.536 ug/ml
19) T n-Tetratriacontane (C34)	19.495	3437109	38.473 ug/ml
20) T n-Hexatriacontane (C36)	20.237	3256933	36.358 ug/ml
21) T n-Octatriacontane (C38)	21.015	3100082	35.064 ug/ml
22) T n-Tetracontane (C40)	21.995	3155709	35.736 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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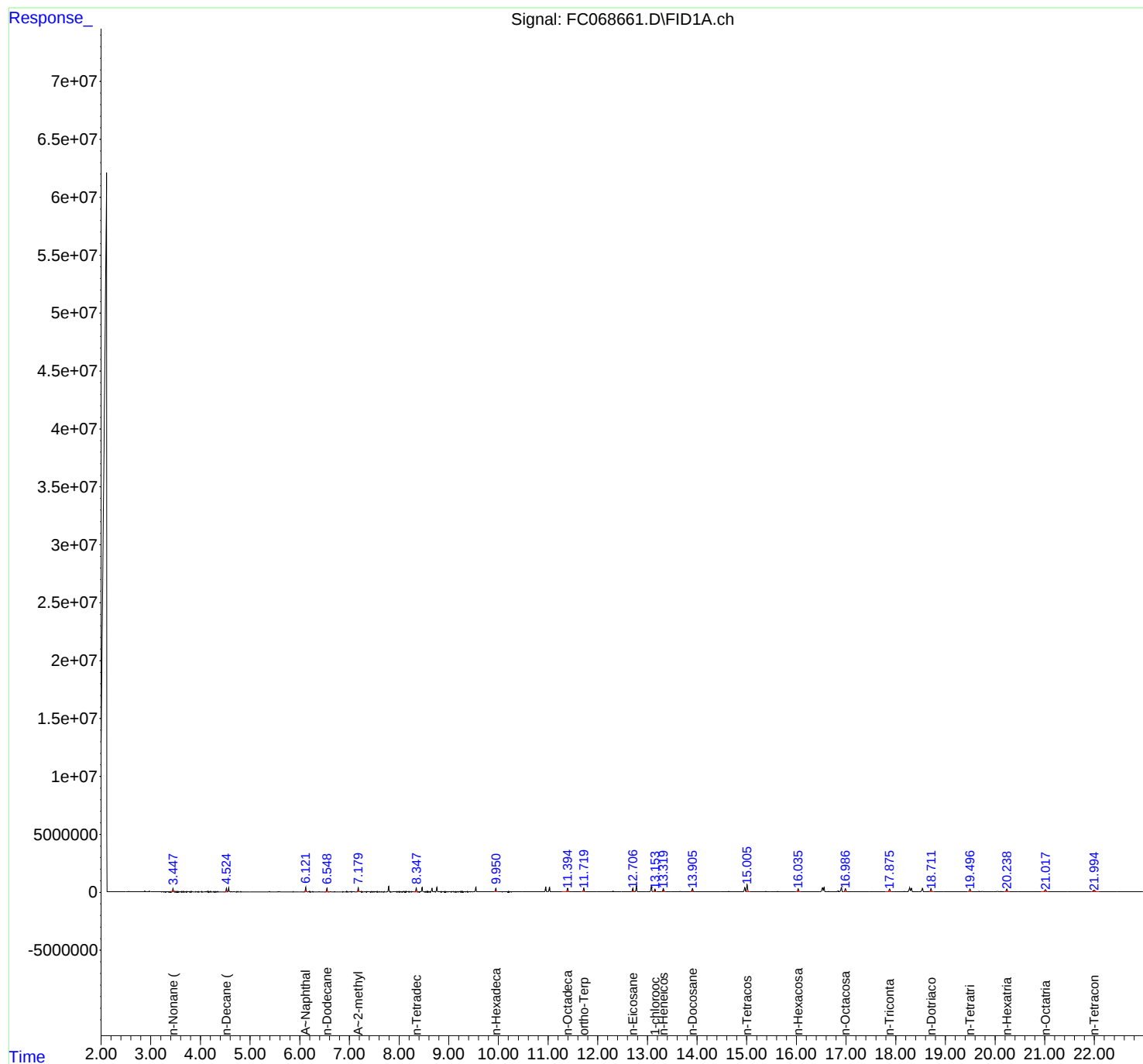
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VNJ-231MS

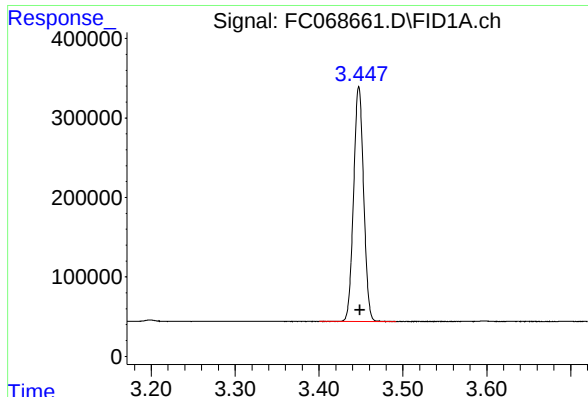
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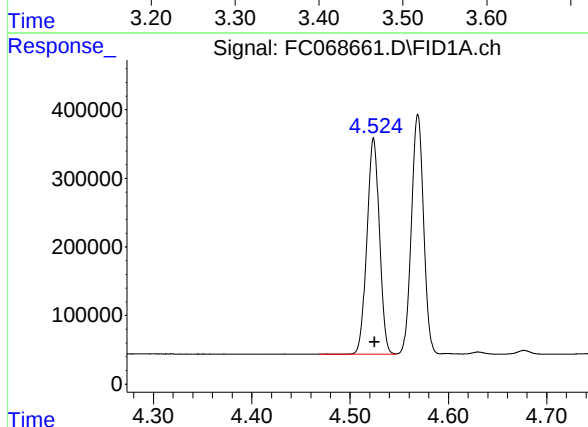
#1 n-Nonane (C9)

R.T.: 3.448 min
Delta R.T.: -0.001 min
Response: 2457053
Conc: 23.33 ug/ml

Instrument :
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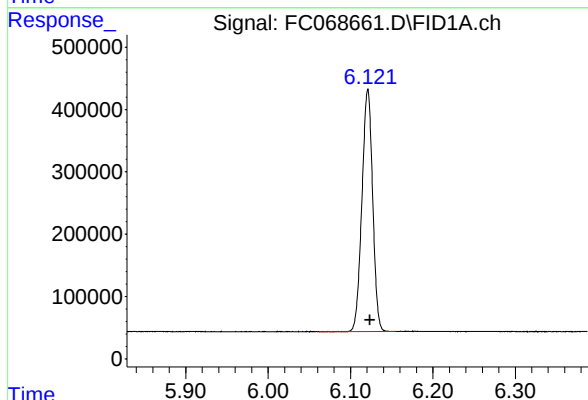
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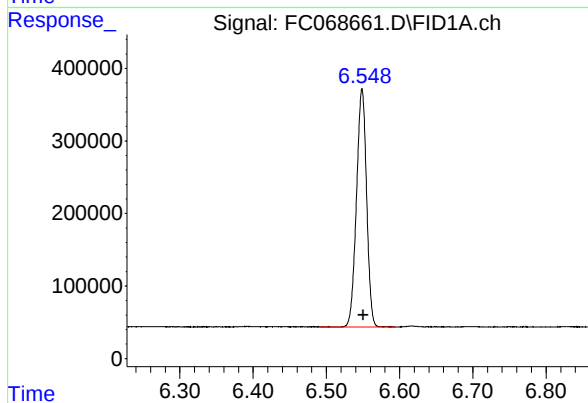
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 2784769
Conc: 26.43 ug/ml



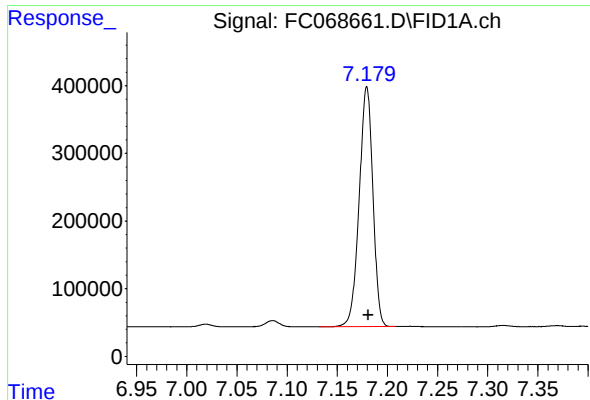
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 3510306
Conc: 30.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 3140287
Conc: 29.86 ug/ml



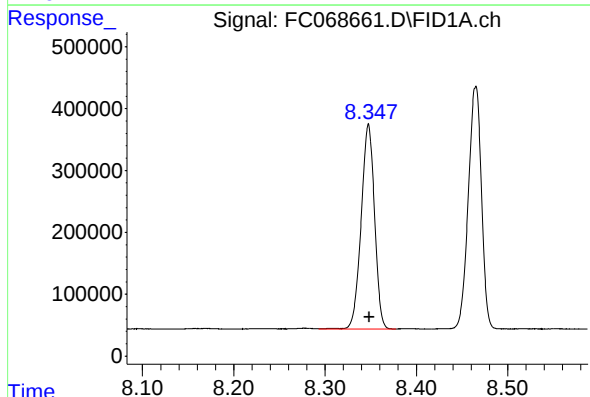
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 3373649
Conc: 29.21 ug/ml

Instrument :
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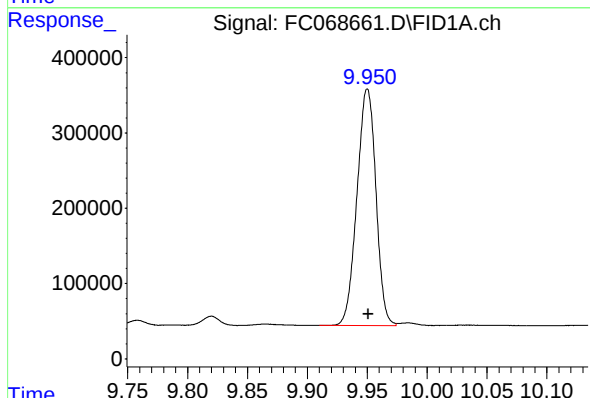
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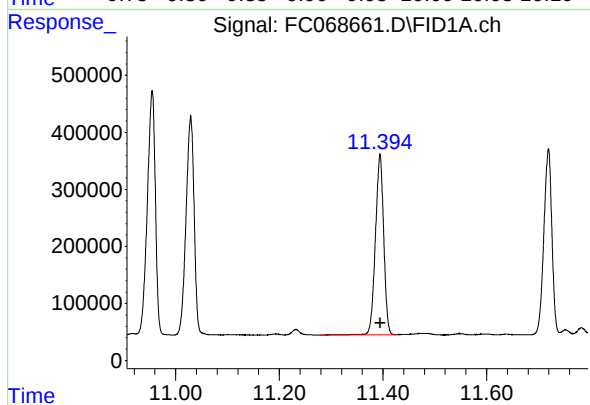
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 3367154
Conc: 32.75 ug/ml



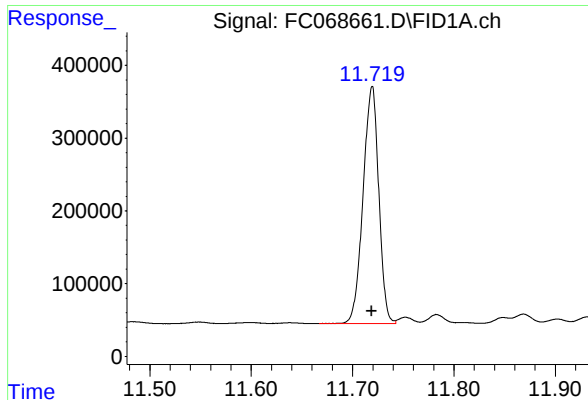
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.000 min
Response: 3455223
Conc: 33.93 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 3500992
Conc: 34.79 ug/ml



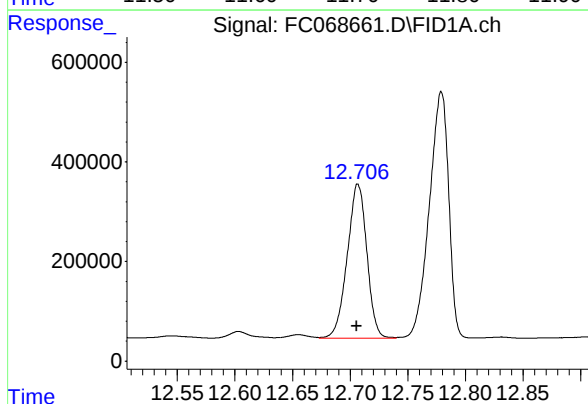
#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 3506256
Conc: 27.54 ug/ml

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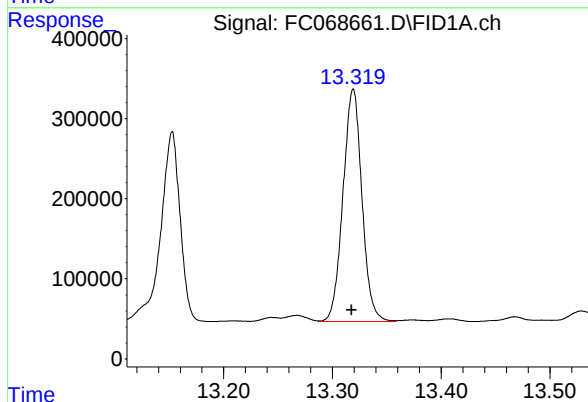
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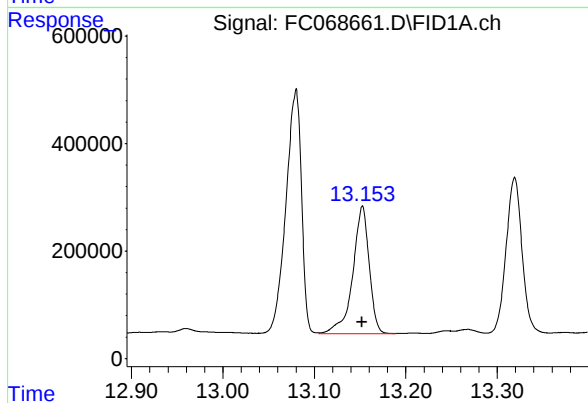
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.001 min
Response: 3663696
Conc: 37.25 ug/ml



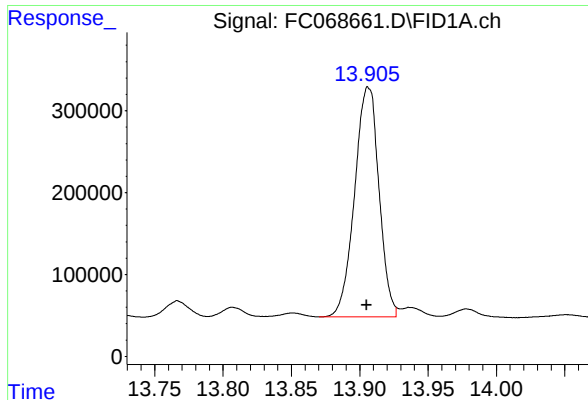
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.001 min
Response: 3521567
Conc: 36.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 2967424
Conc: 31.94 ug/ml



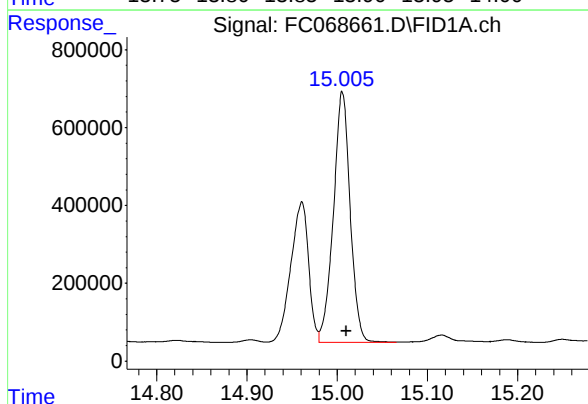
#13 n-Docosane (C22)

R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 3484934
Conc: 36.08 ug/ml

Instrument :
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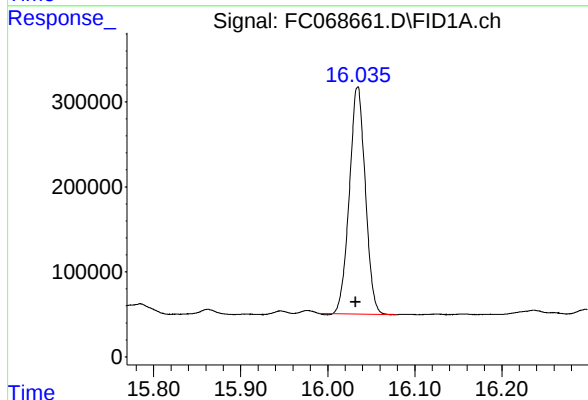
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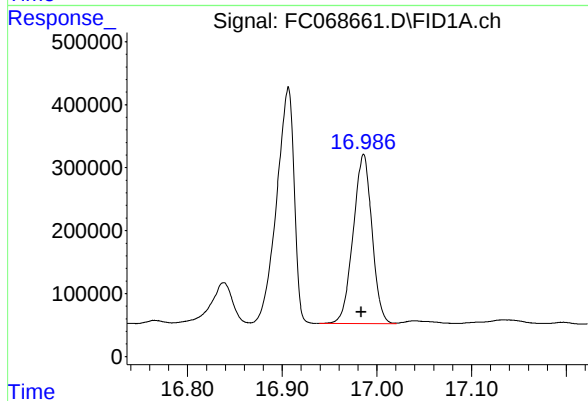
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: -0.004 min
Response: 8321874
Conc: 87.43 ug/ml



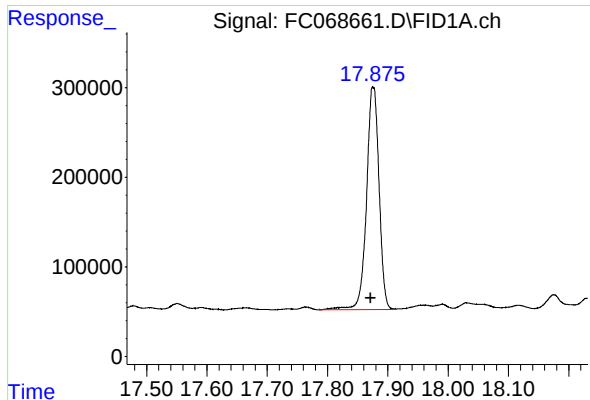
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.003 min
Response: 3400381
Conc: 36.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.986 min
Delta R.T.: 0.002 min
Response: 3704904
Conc: 40.47 ug/ml



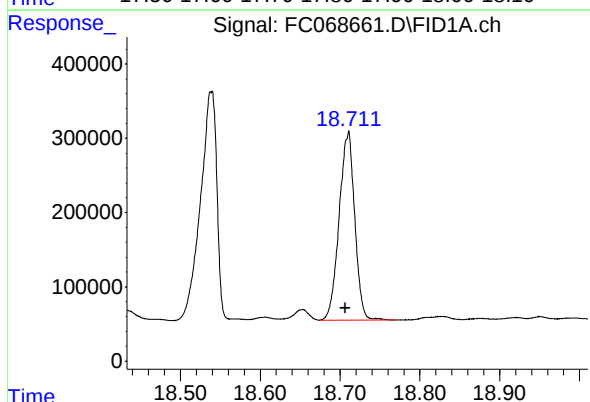
#17 n-Tricontane (C30)

R.T.: 17.876 min
Delta R.T.: 0.004 min
Response: 3580941
Conc: 38.95 ug/ml

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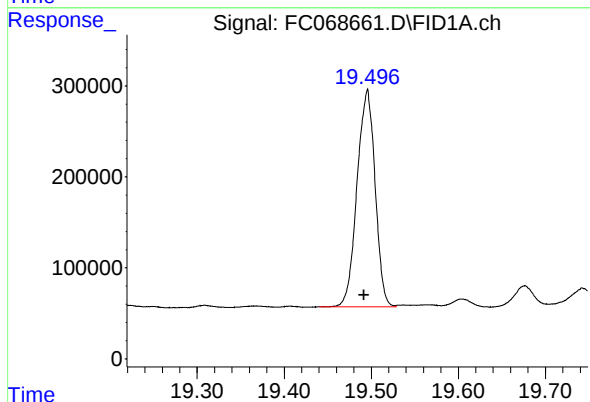
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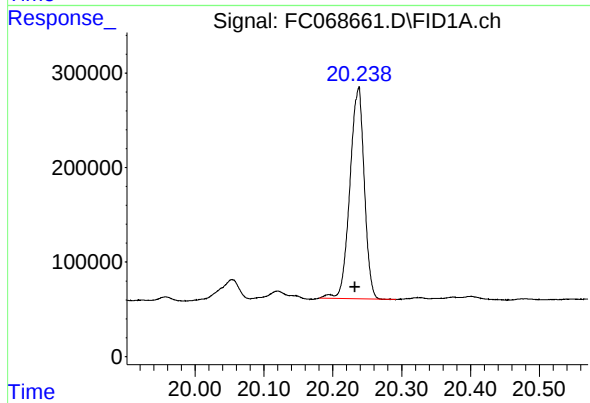
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.003 min
Response: 3443083
Conc: 37.54 ug/ml



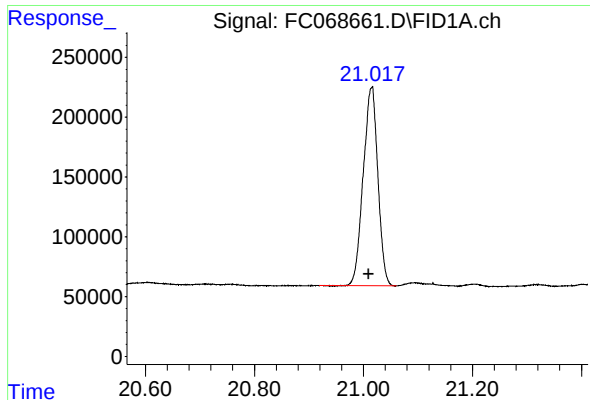
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.004 min
Response: 3437109
Conc: 38.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.237 min
Delta R.T.: 0.004 min
Response: 3256933
Conc: 36.36 ug/ml



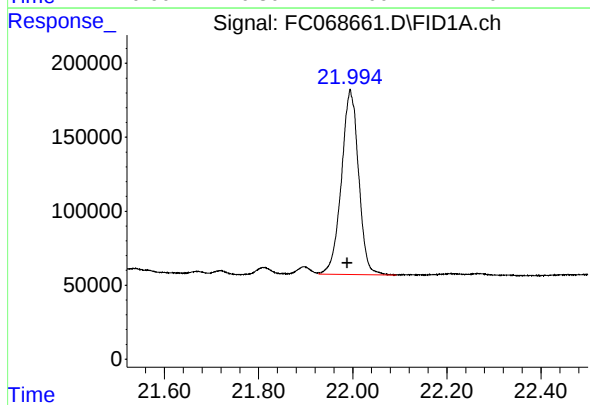
#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.005 min
Response: 3100082
Conc: 35.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: 0.006 min
Response: 3155709
Conc: 35.74 ug/ml