

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011025AL\
 Data File : FC068092.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jan 2025 11:44
 Operator : YP/AJ
 Sample : PB166003BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166003BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Ankita Jodhani 01/13/2025

Integration File: autoint1.e

Quant Time: Jan 10 22:06:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M

Quant Title : GC Extractables

QLast Update : Tue Dec 31 12:18:53 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			
12) S 1-chlorooctadecane (S...	12.874	5349070	47.126 ug/ml
Spiked Amount 50.000		Recovery =	94.25%
Target Compounds			
1) T n-Nonane (C9)	3.235	3052754	22.256 ug/ml
2) T n-Decane (C10)	4.293	4015132	29.051 ug/ml
4) T n-Dodecane (C12)	6.303	4987173	36.065 ug/ml
6) T n-Tetradecane (C14)	8.092	5580972	41.298 ug/mlm
7) T n-Hexadecane (C16)	9.689	5906442	43.037 ug/ml
8) T n-Octadecane (C18)	11.127	6292188	45.710 ug/ml
10) T n-Eicosane (C20)	12.433	6443192	49.117 ug/ml
11) T n-Heneicosane (C21)	13.043	6190106	48.158 ug/ml
13) T n-Docosane (C22)	13.628	6169248	48.642 ug/ml
14) T n-Tetracosane (C24)	14.728	6065348	48.585 ug/mlm
15) T n-Hexacosane (C26)	15.747	5954621	48.871 ug/ml
16) T n-Octacosane (C28)	16.694	5803386	48.838 ug/mlm
17) T n-Tricontane (C30)	17.580	5796031	48.565 ug/ml
18) T n-Dotriacontane (C32)	18.411	5675158	49.880 ug/ml
19) T n-Tetratriacontane (C34)	19.193	5562541	55.881 ug/ml
20) T n-Hexatriacontane (C36)	19.931	5388158	61.998 ug/mlm
21) T n-Octatriacontane (C38)	20.646	5355336	64.819 ug/ml
22) T n-Tetracontane (C40)	21.510	5329445	66.246 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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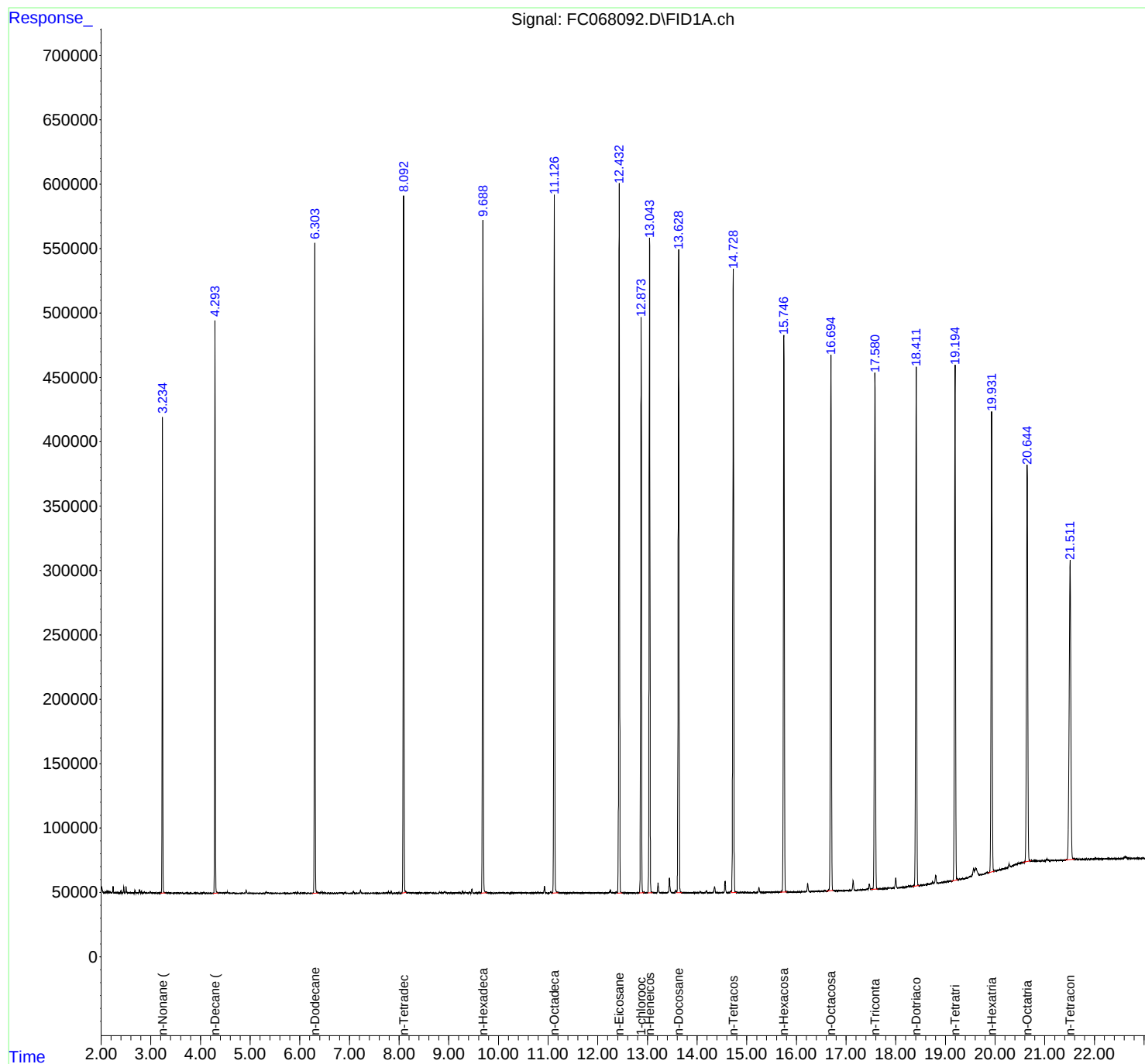
Response via : Initial Calibration

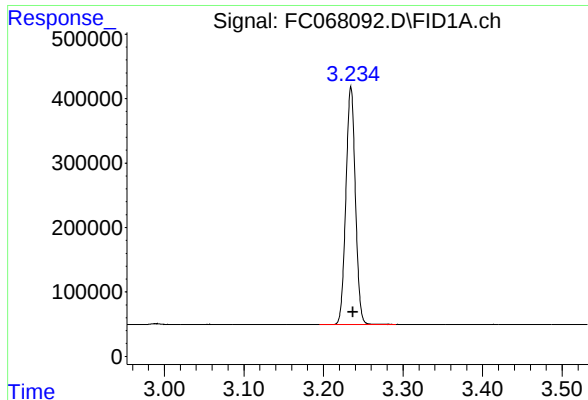
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





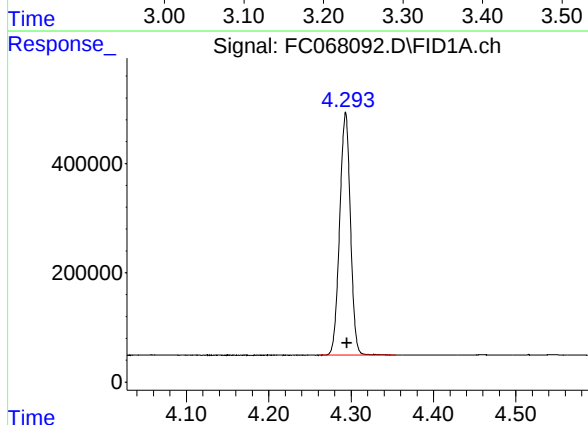
#1 n-Nonane (C9)

R.T.: 3.235 min
Delta R.T.: -0.002 min
Response: 3052754
Conc: 22.26 ug/ml

Instrument :
FID_C
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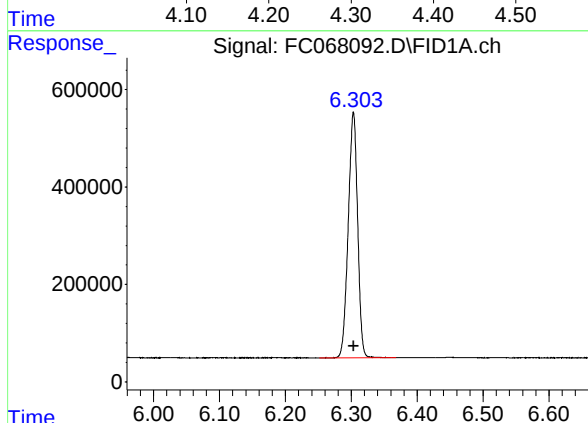
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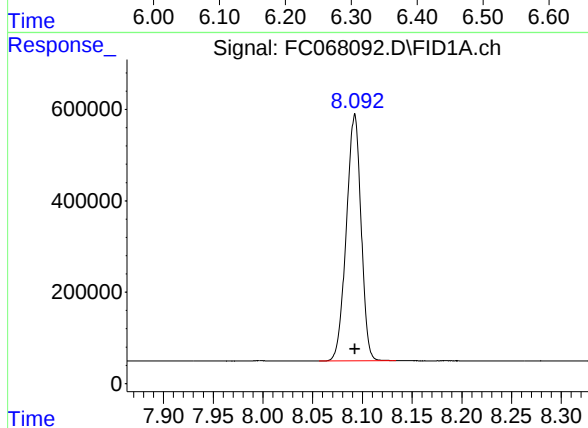
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 4015132
Conc: 29.05 ug/ml



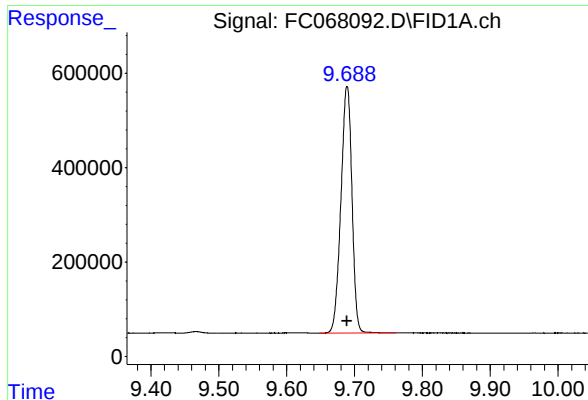
#4 n-Dodecane (C12)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 4987173
Conc: 36.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 5580972
Conc: 41.30 ug/ml m



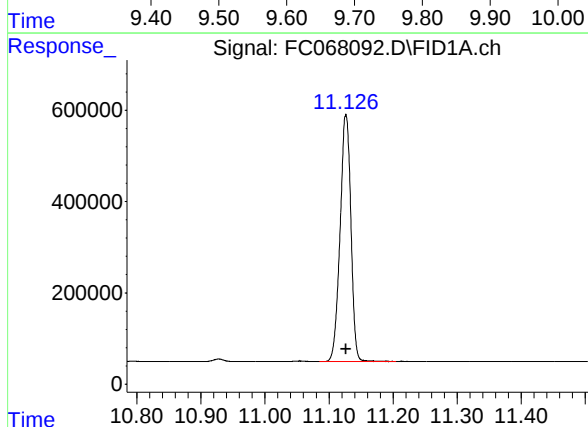
#7 n-Hexadecane (C16)

R.T.: 9.689 min
Delta R.T.: 0.000 min
Response: 5906442
Conc: 43.04 ug/ml

Instrument :
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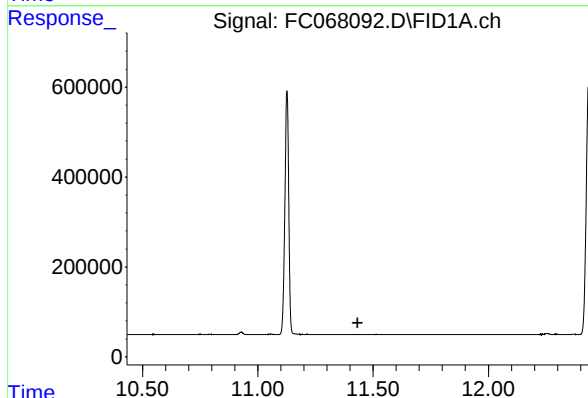
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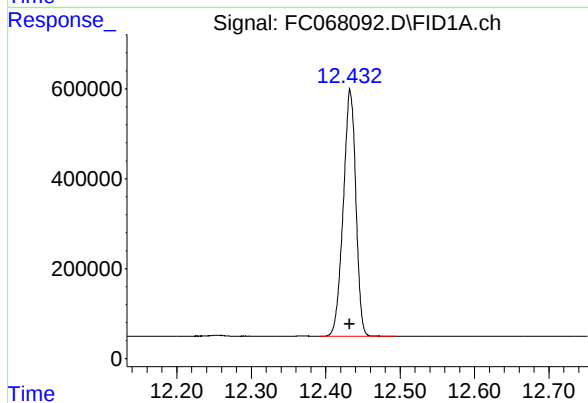
#8 n-Octadecane (C18)

R.T.: 11.127 min
Delta R.T.: 0.000 min
Response: 6292188
Conc: 45.71 ug/ml



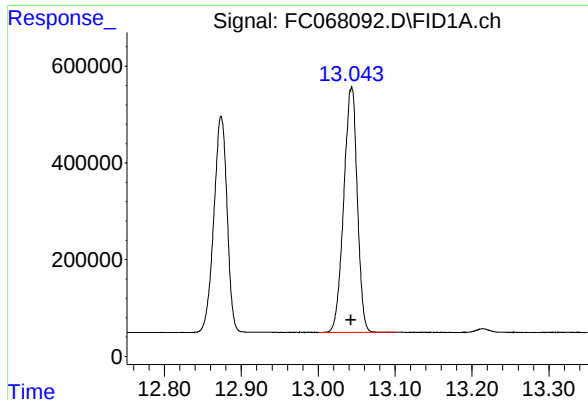
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.432 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.433 min
Delta R.T.: 0.000 min
Response: 6443192
Conc: 49.12 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 6190106
Conc: 48.16 ug/ml

Instrument :

FID_C

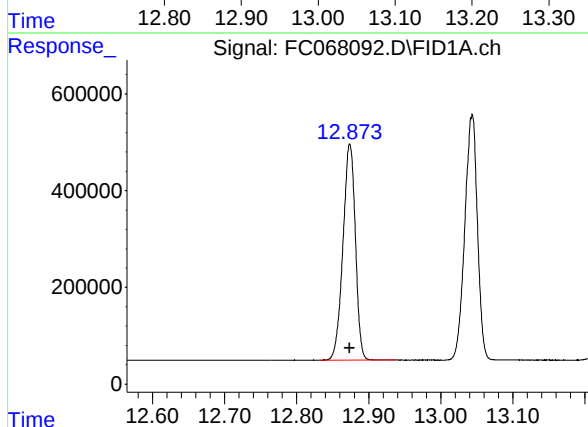
ClientSampleId :

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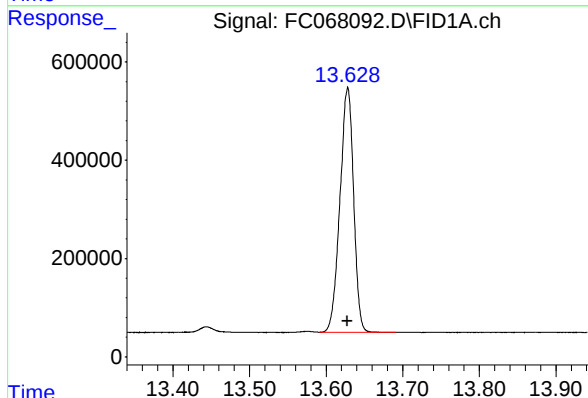
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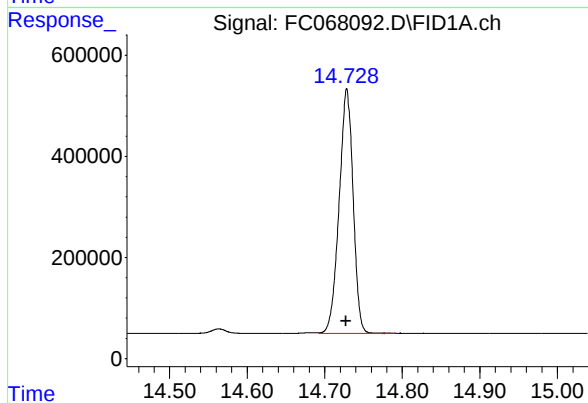
#12 1-chlorooctadecane (SURR)

R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 5349070
Conc: 47.13 ug/ml



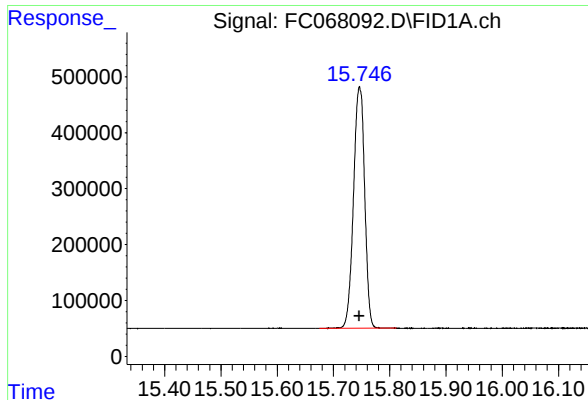
#13 n-Docosane (C22)

R.T.: 13.628 min
Delta R.T.: 0.000 min
Response: 6169248
Conc: 48.64 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.728 min
Delta R.T.: 0.000 min
Response: 6065348
Conc: 48.58 ug/ml m



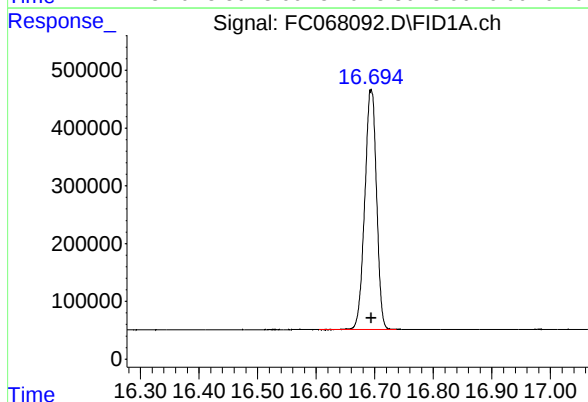
#15 n-Hexacosane (C26)

R.T.: 15.747 min
Delta R.T.: 0.000 min
Response: 5954621
Conc: 48.87 ug/ml

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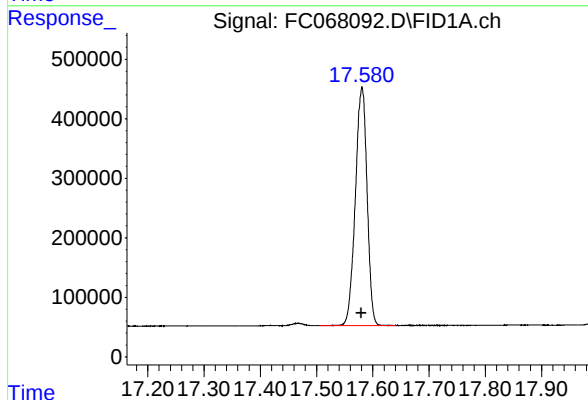
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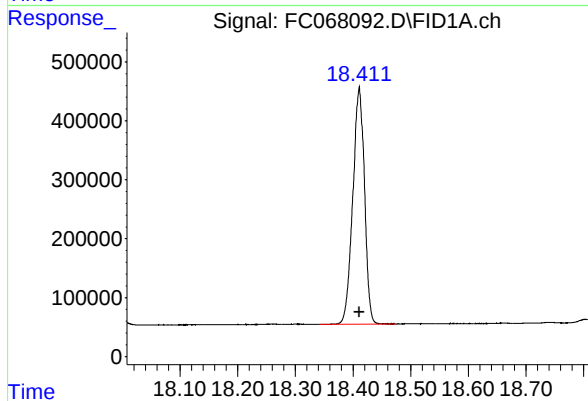
#16 n-Octacosane (C28)

R.T.: 16.694 min
Delta R.T.: 0.000 min
Response: 5803386
Conc: 48.84 ug/ml m



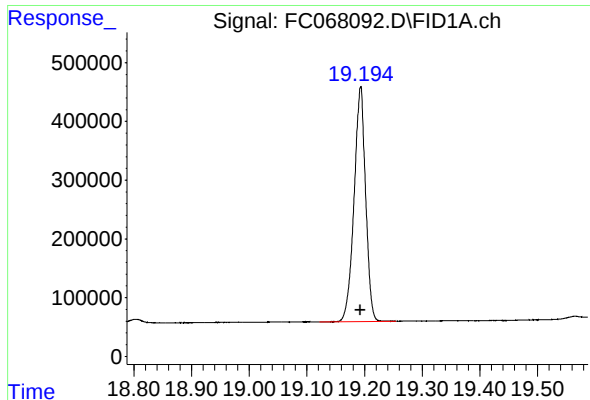
#17 n-Tricontane (C30)

R.T.: 17.580 min
Delta R.T.: 0.000 min
Response: 5796031
Conc: 48.56 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: 0.000 min
Response: 5675158
Conc: 49.88 ug/ml



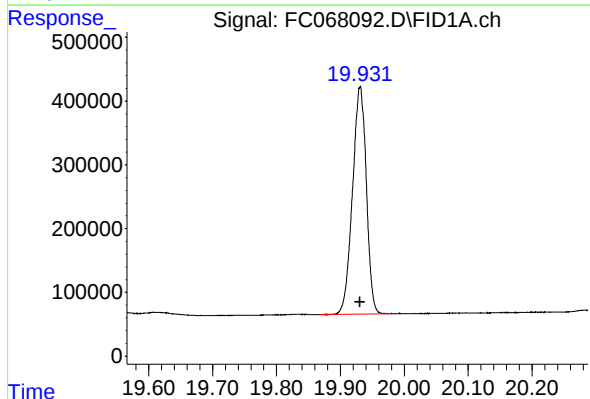
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: 0.000 min
Response: 5562541
Conc: 55.88 ug/ml

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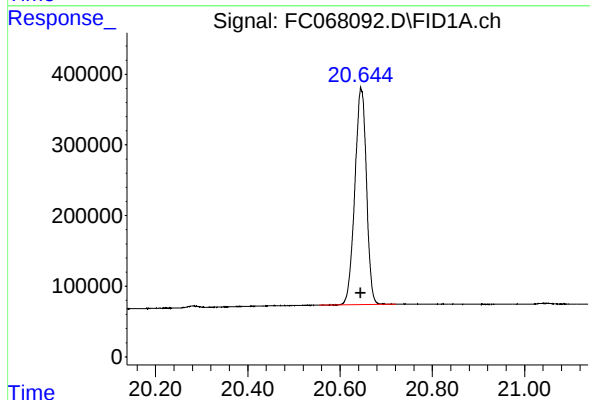
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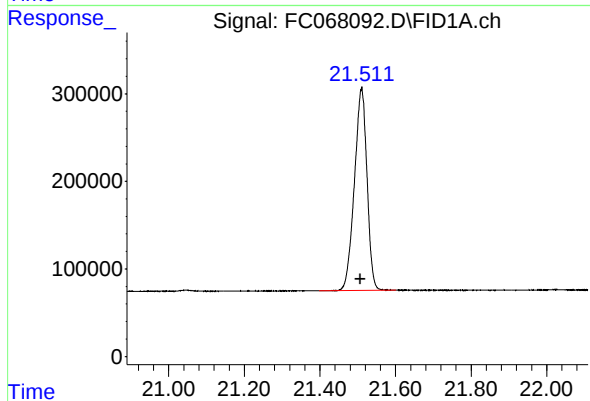
#20 n-Hexatriacontane (C36)

R.T.: 19.931 min
Delta R.T.: 0.000 min
Response: 5388158
Conc: 62.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.646 min
Delta R.T.: 0.000 min
Response: 5355336
Conc: 64.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.510 min
Delta R.T.: 0.003 min
Response: 5329445
Conc: 66.25 ug/ml