

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021225AL\
 Data File : FC068268.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2025 14:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 13 02:02:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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)	11.398	3051608	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	12.840	2264859	19.694 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.206	2798789	20.439 ug/ml
2) T n-Decane (C10)	4.264	2867788	20.656 ug/ml
3) T A~Naphthalene (C11.7)	5.830	3101648	20.660 ug/ml
4) T n-Dodecane (C12)	6.272	2849619	20.398 ug/ml
5) T A~2-methylnaphthalene...	6.882	2947060	20.518 ug/ml
6) T n-Tetradecane (C14)	8.060	2749644	20.147 ug/ml
7) T n-Hexadecane (C16)	9.656	2768055	19.921 ug/ml
8) T n-Octadecane (C18)	11.093	2772228	19.814 ug/ml
10) T n-Eicosane (C20)	12.399	2643569	19.757 ug/ml
11) T n-Heneicosane (C21)	13.009	2587568	19.701 ug/ml
13) T n-Docosane (C22)	13.594	2578265	19.904 ug/ml
14) T n-Tetracosane (C24)	14.694	2588555	20.162 ug/ml
15) T n-Hexacosane (C26)	15.713	2549902	20.264 ug/ml
16) T n-Octacosane (C28)	16.661	2561639	20.481 ug/ml
17) T n-Tricontane (C30)	17.548	2684695	20.771 ug/ml
18) T n-Dotriacontane (C32)	18.378	2629520	21.034 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2290741	21.118 ug/ml
20) T n-Hexatriacontane (C36)	19.898	1952805	21.102 ug/ml
21) T n-Octatriacontane (C38)	20.610	1828204	21.336 ug/ml
22) T n-Tetracontane (C40)	21.461	1764704	21.824 ug/ml

(f)=RT Delta > 1/2 Window

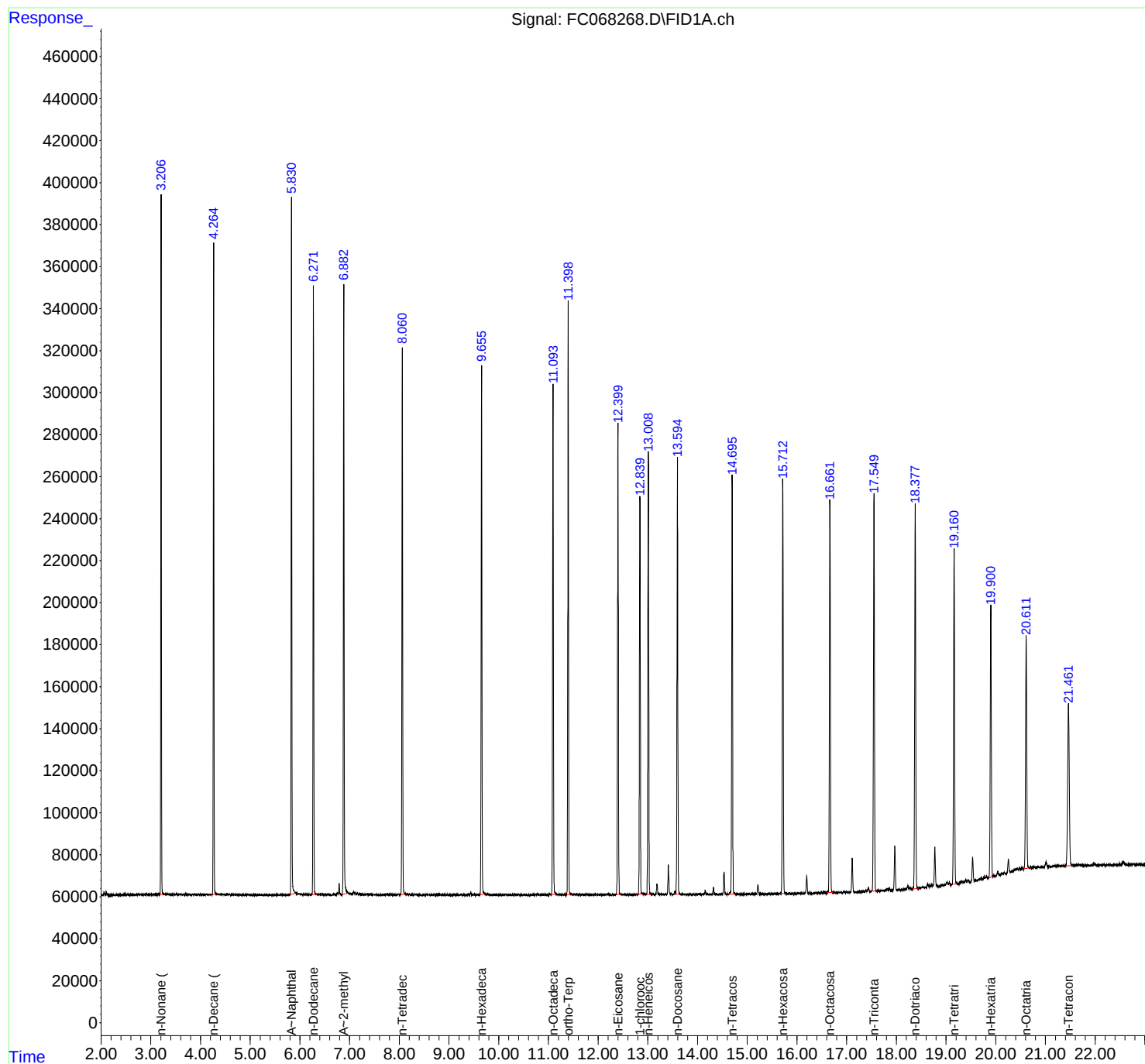
(m)=manual int.

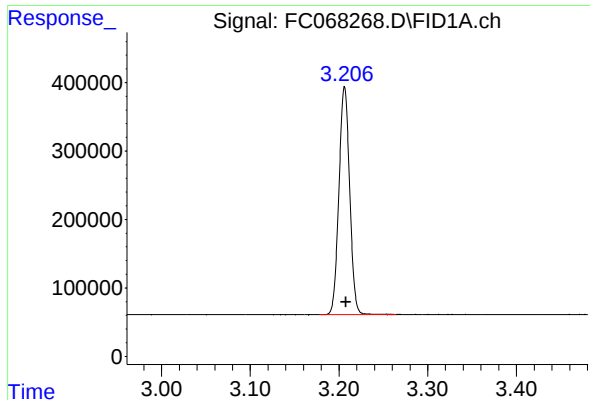
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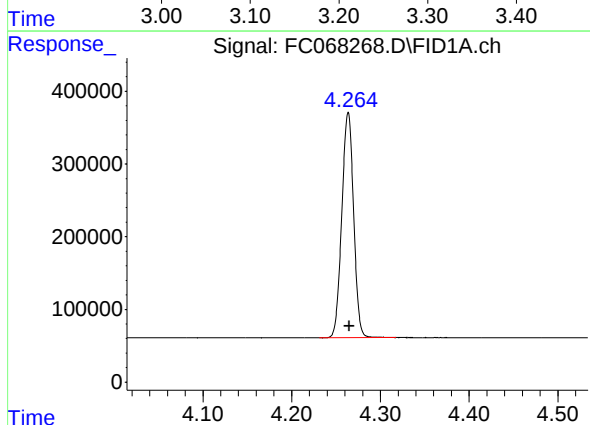




#1 n-Nonane (C9)

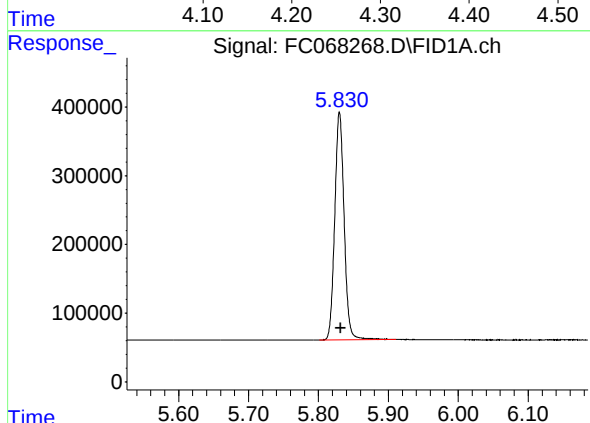
R.T.: 3.206 min
Delta R.T.: -0.002 min
Response: 2798789
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



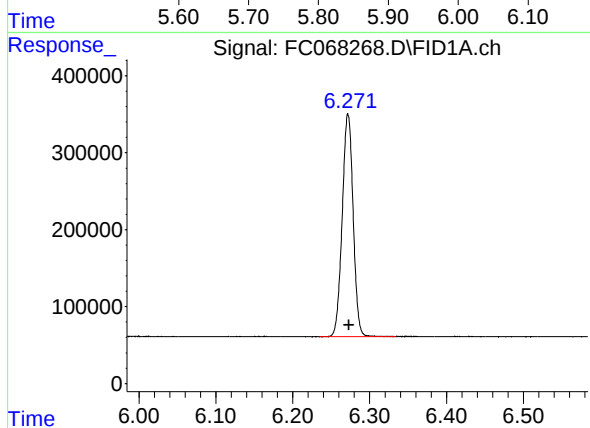
#2 n-Decane (C10)

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 2867788
Conc: 20.66 ug/ml



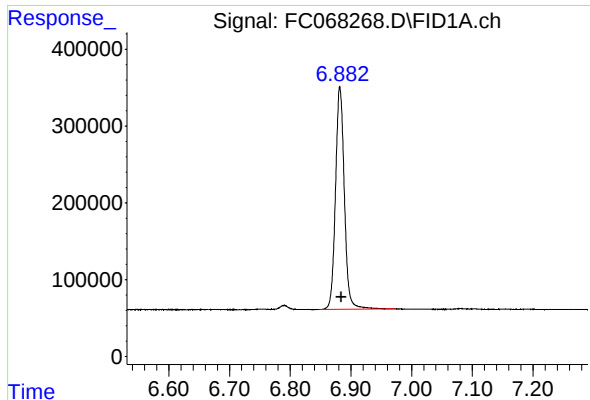
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 3101648
Conc: 20.66 ug/ml



#4 n-Dodecane (C12)

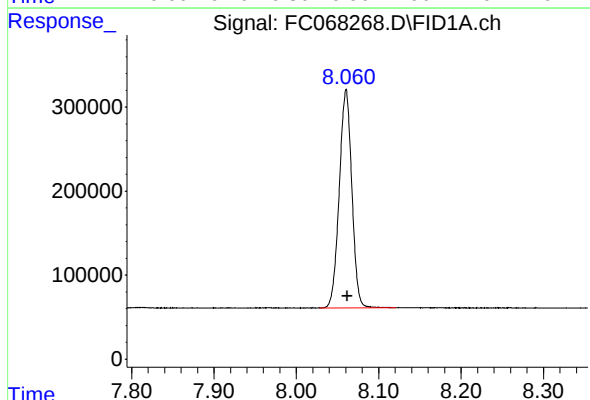
R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 2849619
Conc: 20.40 ug/ml



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

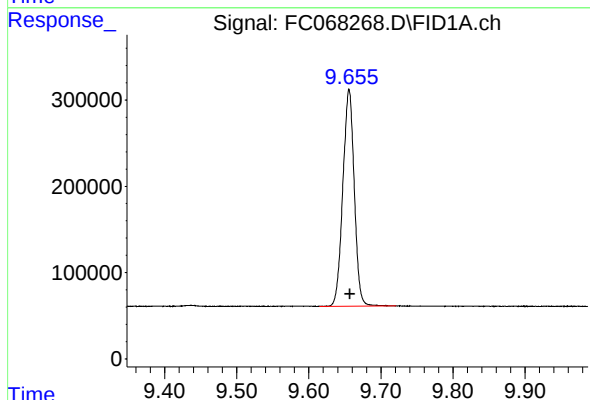
R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 2947060
Conc: 20.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



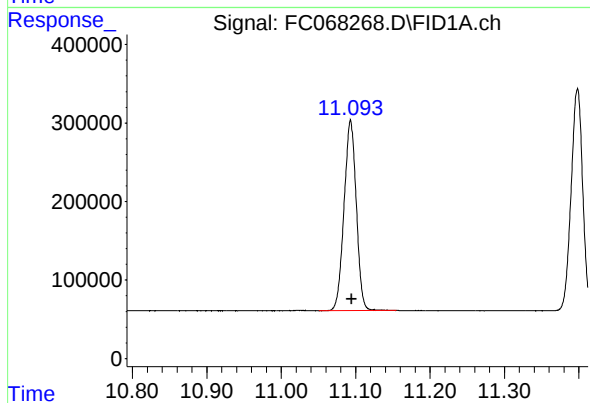
#6 n-Tetradecane (C14)

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 2749644
Conc: 20.15 ug/ml



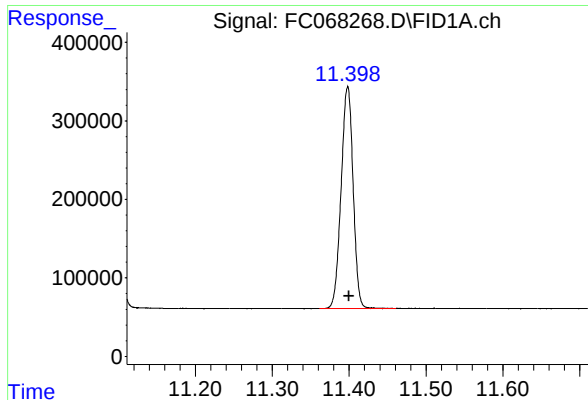
#7 n-Hexadecane (C16)

R.T.: 9.656 min
Delta R.T.: -0.002 min
Response: 2768055
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

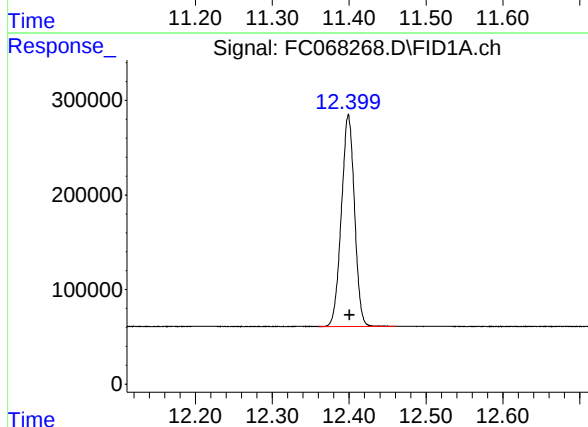
R.T.: 11.093 min
Delta R.T.: -0.001 min
Response: 2772228
Conc: 19.81 ug/ml



#9 ortho-Terphenyl (SURR)

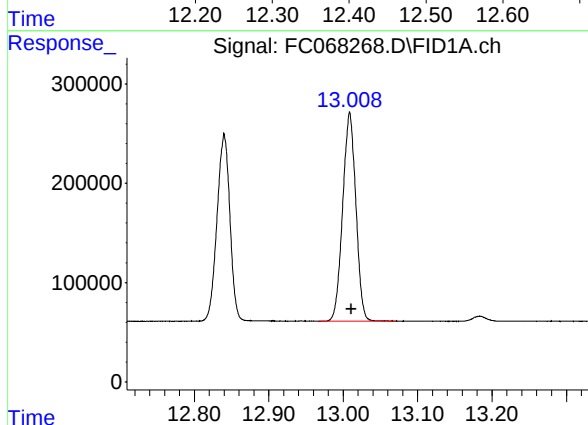
R.T.: 11.398 min
Delta R.T.: -0.002 min
Response: 3051608
Conc: 19.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



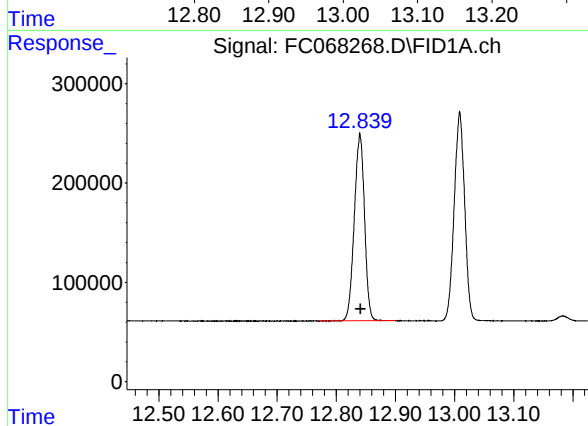
#10 n-Eicosane (C20)

R.T.: 12.399 min
Delta R.T.: -0.002 min
Response: 2643569
Conc: 19.76 ug/ml



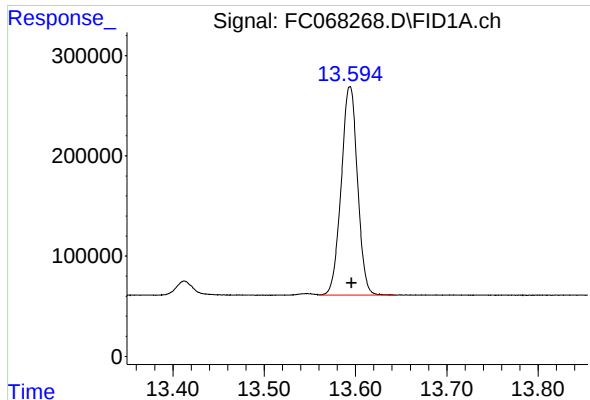
#11 n-Heneicosane (C21)

R.T.: 13.009 min
Delta R.T.: -0.002 min
Response: 2587568
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

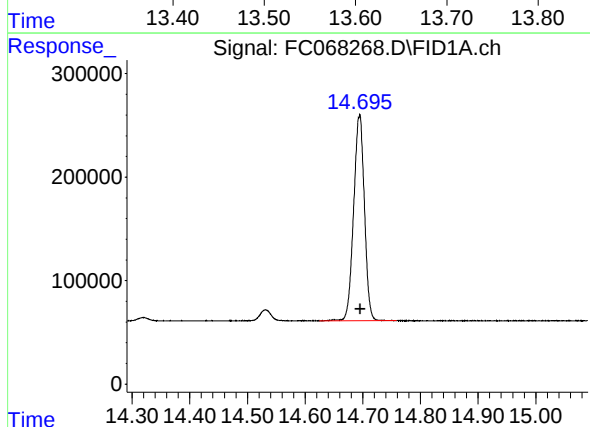
R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 2264859
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

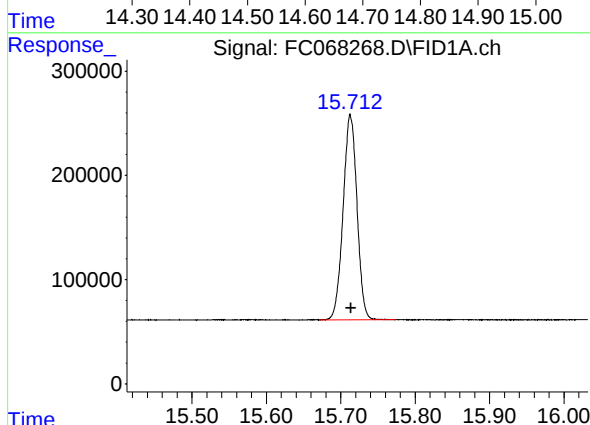
R.T.: 13.594 min
Delta R.T.: -0.002 min
Response: 2578265
Conc: 19.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



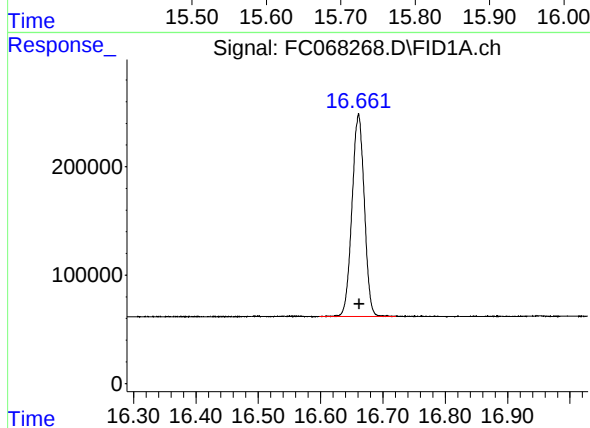
#14 n-Tetracosane (C24)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 2588555
Conc: 20.16 ug/ml



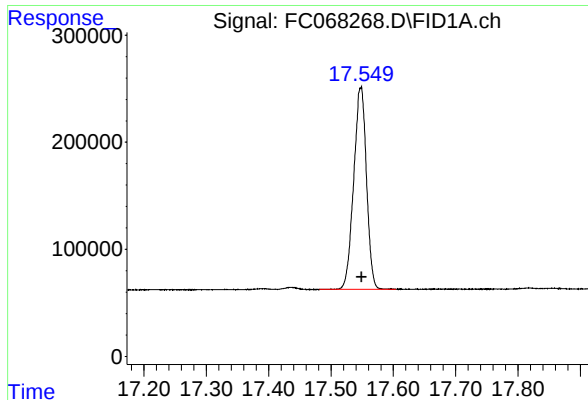
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: 0.000 min
Response: 2549902
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

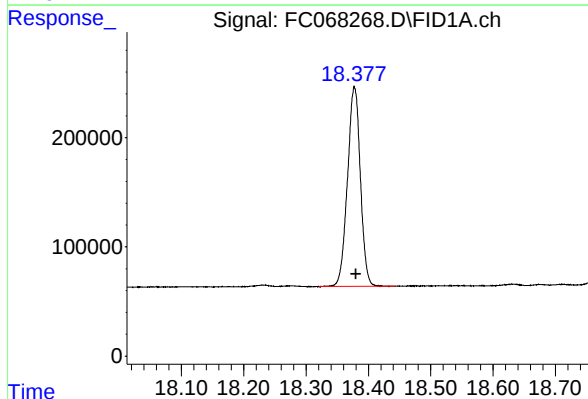
R.T.: 16.661 min
Delta R.T.: -0.001 min
Response: 2561639
Conc: 20.48 ug/ml



#17 n-Tricontane (C30)

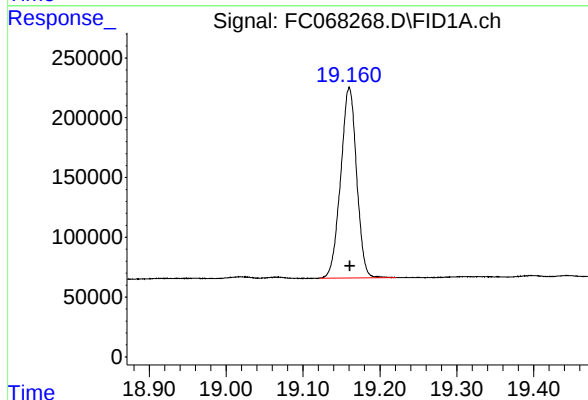
R.T.: 17.548 min
Delta R.T.: -0.001 min
Response: 2684695
Conc: 20.77 ug/ml

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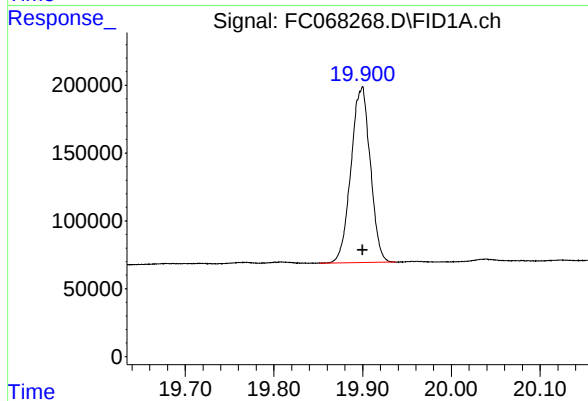
#18 n-Dotriacontane (C32)

R.T.: 18.378 min
Delta R.T.: -0.002 min
Response: 2629520
Conc: 21.03 ug/ml



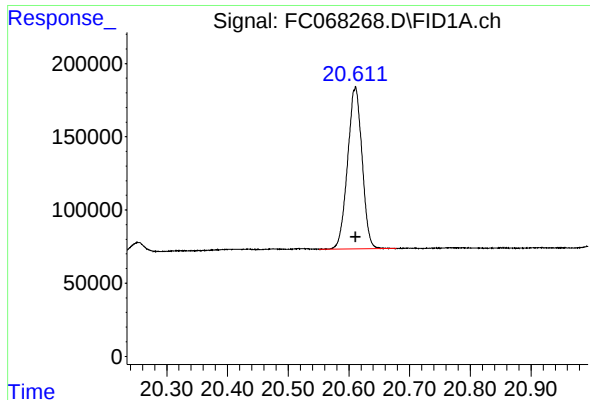
#19 n-Tetratriacontane (C34)

R.T.: 19.160 min
Delta R.T.: -0.001 min
Response: 2290741
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

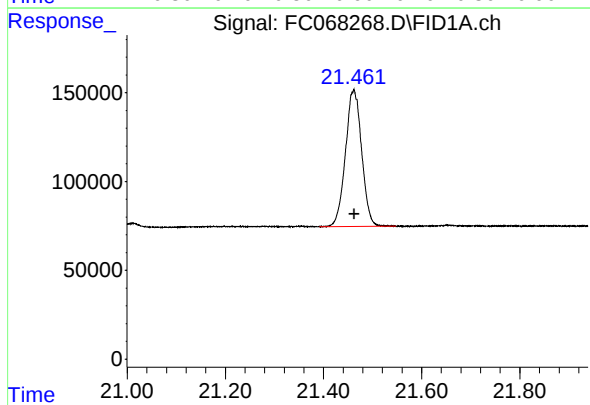
R.T.: 19.898 min
Delta R.T.: -0.002 min
Response: 1952805
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: 0.000 min
Response: 1828204
Conc: 21.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.461 min
Delta R.T.: -0.001 min
Response: 1764704
Conc: 21.82 ug/ml