

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
 Data File : FC069595.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2025 08:43
 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: Aug 08 02:23:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.667	2788852	18.694 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	13.102	2104771	19.306 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.400	2566024	18.011 ug/ml
2) T n-Decane (C10)	4.473	2666558	18.342 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2870156	18.498 ug/ml
4) T n-Dodecane (C12)	6.497	2695015	18.436 ug/ml
5) T A~2-methylnaphthalene...	7.127	2749822	18.671 ug/ml
6) T n-Tetradecane (C14)	8.296	2648199	18.556 ug/ml
7) T n-Hexadecane (C16)	9.900	2708540	18.788 ug/ml
8) T n-Octadecane (C18)	11.344	2667871	18.866 ug/ml
10) T n-Eicosane (C20)	12.655	2492482	18.921 ug/ml
11) T n-Heneicosane (C21)	13.268	2408124	18.881 ug/ml
13) T n-Docosane (C22)	13.855	2369744	18.970 ug/ml
14) T n-Tetracosane (C24)	14.960	2316505	19.197 ug/ml
15) T n-Hexacosane (C26)	15.983	2217941	19.195 ug/ml
16) T n-Octacosane (C28)	16.933	2169922	19.359 ug/ml
17) T n-Tricontane (C30)	17.823	2284118	19.949 ug/ml
18) T n-Dotriacontane (C32)	18.658	2297927	20.687 ug/ml
19) T n-Tetratriacontane (C34)	19.442	2090543	20.531 ug/ml
20) T n-Hexatriacontane (C36)	20.183	1779179	19.954 ug/ml
21) T n-Octatriacontane (C38)	20.946	1590466	19.771 ug/ml
22) T n-Tetracontane (C40)	21.908	1494157	19.954 ug/ml

(f)=RT Delta > 1/2 Window

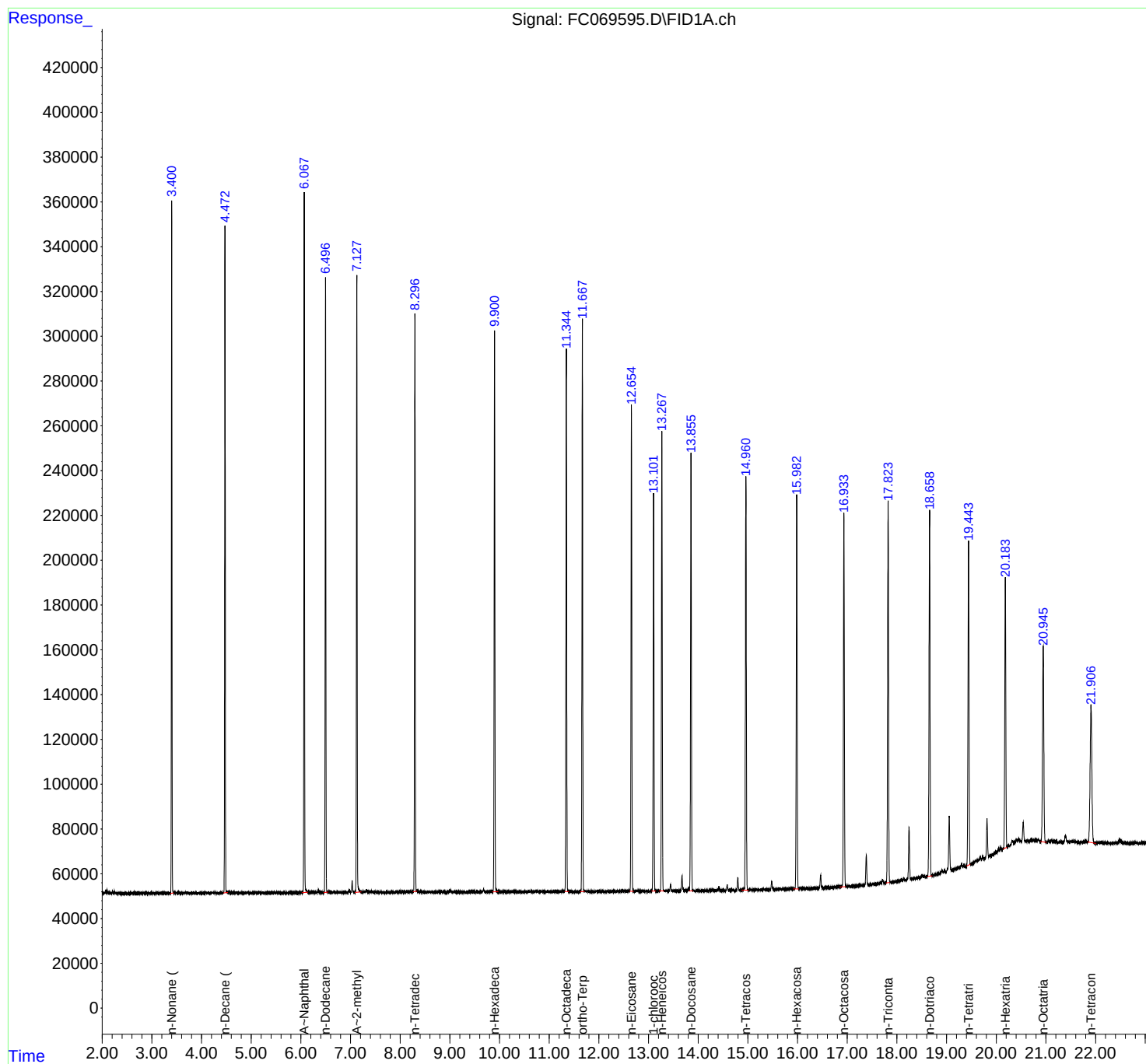
(m)=manual int.

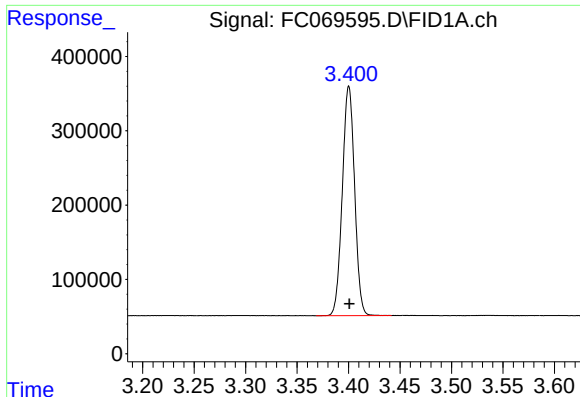
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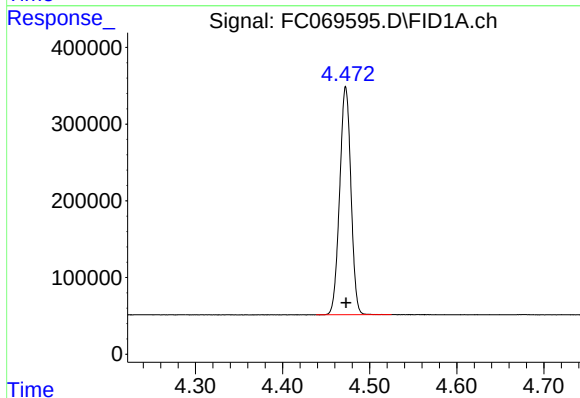




#1 n-Nonane (C9)

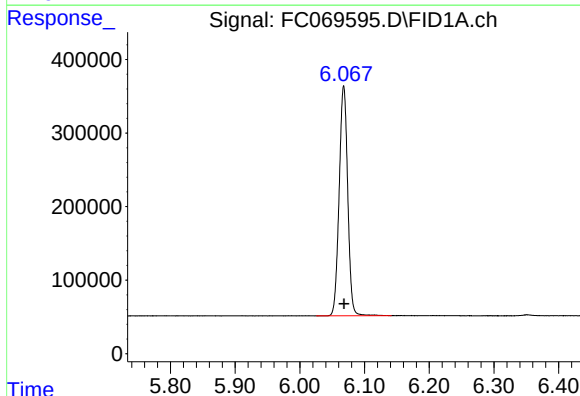
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2566024
Conc: 18.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



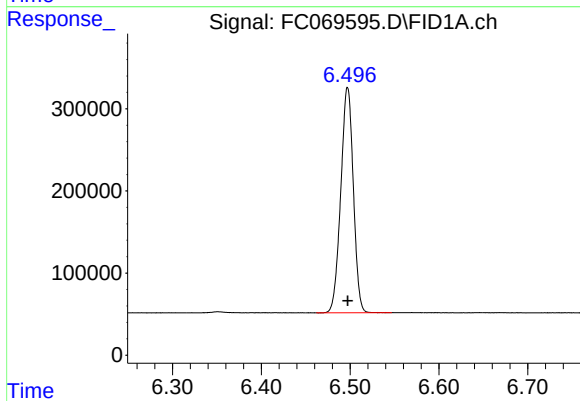
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 2666558
Conc: 18.34 ug/ml



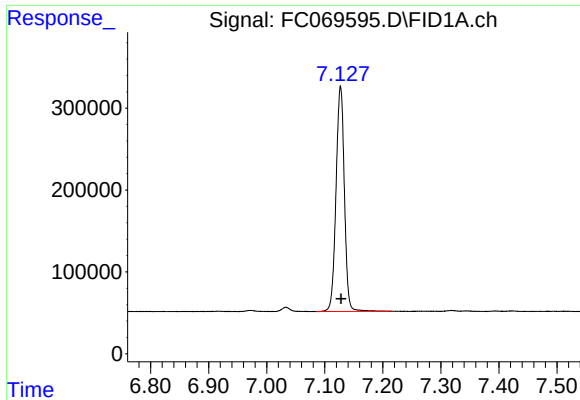
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 2870156
Conc: 18.50 ug/ml



#4 n-Dodecane (C12)

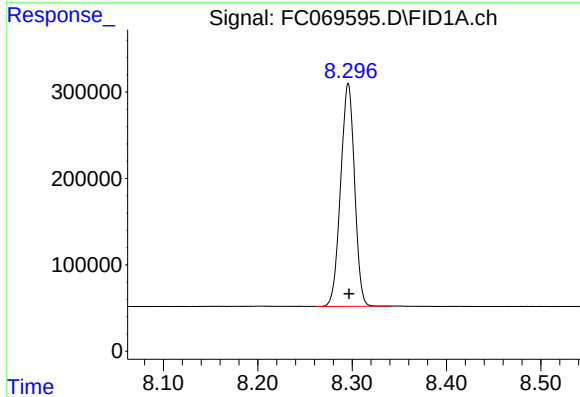
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 2695015
Conc: 18.44 ug/ml



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

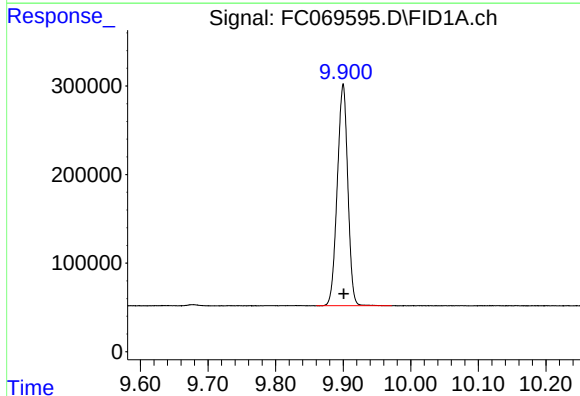
R.T.: 7.127 min
Delta R.T.: -0.001 min
Response: 2749822
Conc: 18.67 ug/ml

Instrument :
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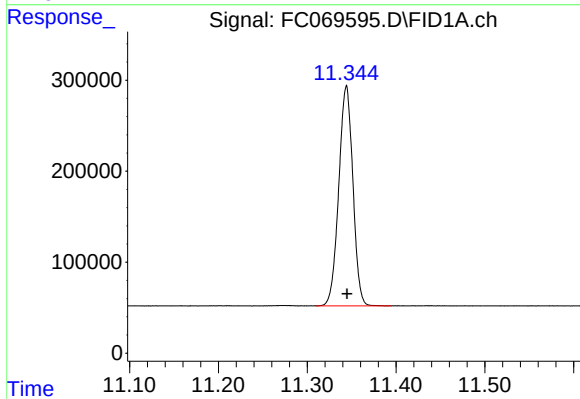
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 2648199
Conc: 18.56 ug/ml



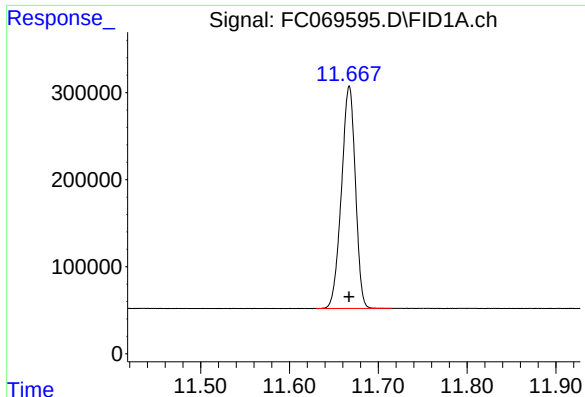
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: -0.001 min
Response: 2708540
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

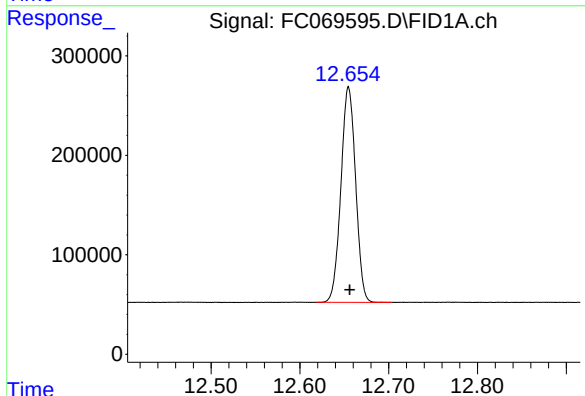
R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 2667871
Conc: 18.87 ug/ml



#9 ortho-Terphenyl (SURR)

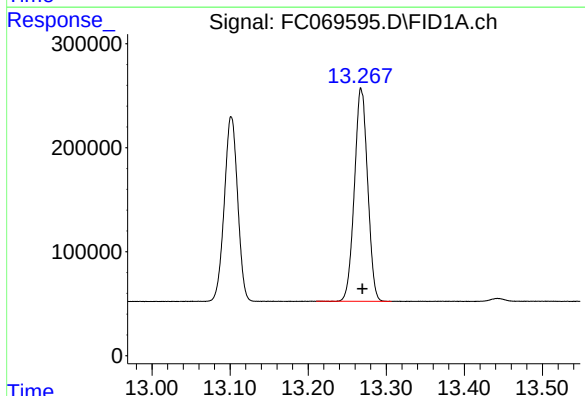
R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 2788852
Conc: 18.69 ug/ml

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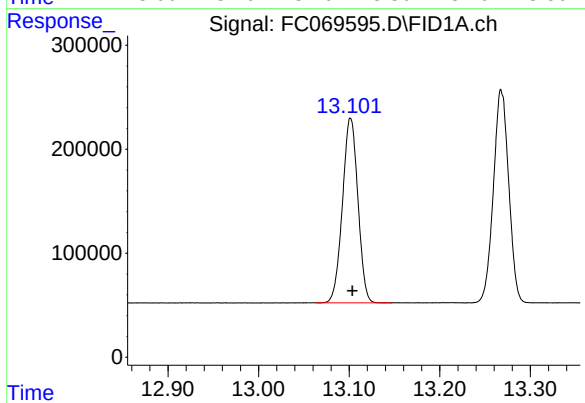
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.001 min
Response: 2492482
Conc: 18.92 ug/ml



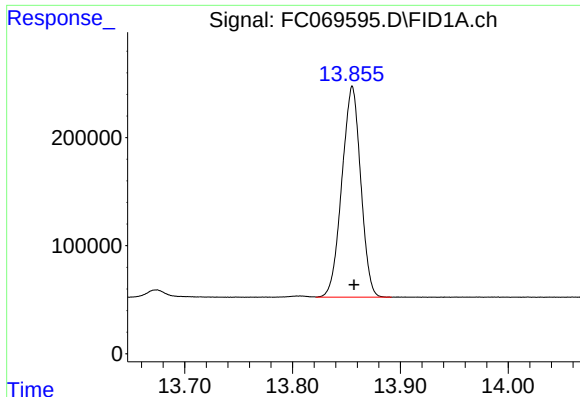
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: -0.002 min
Response: 2408124
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

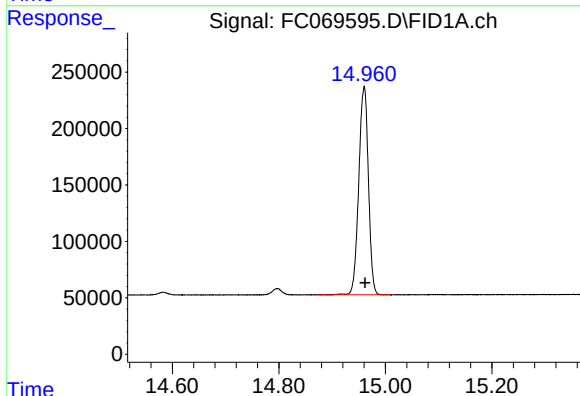
R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 2104771
Conc: 19.31 ug/ml



#13 n-Docosane (C22)

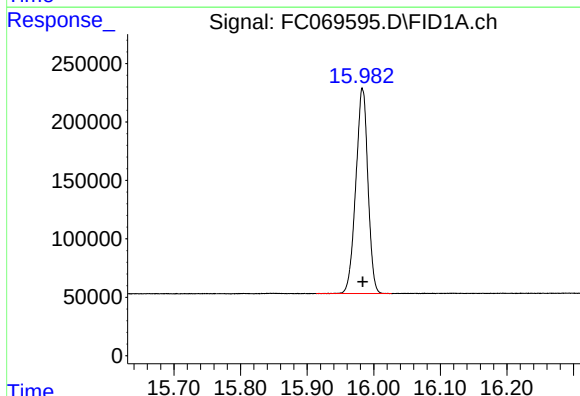
R.T.: 13.855 min
Delta R.T.: -0.002 min
Response: 2369744
Conc: 18.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



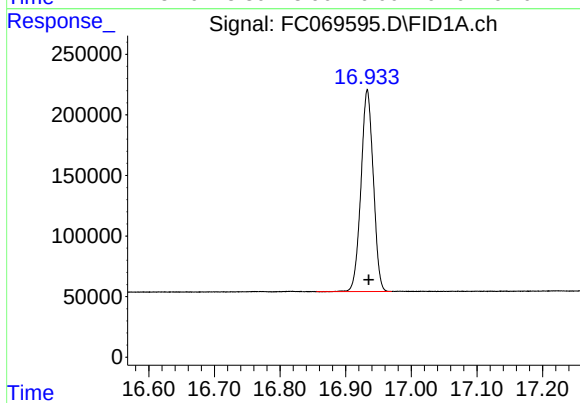
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: -0.002 min
Response: 2316505
Conc: 19.20 ug/ml



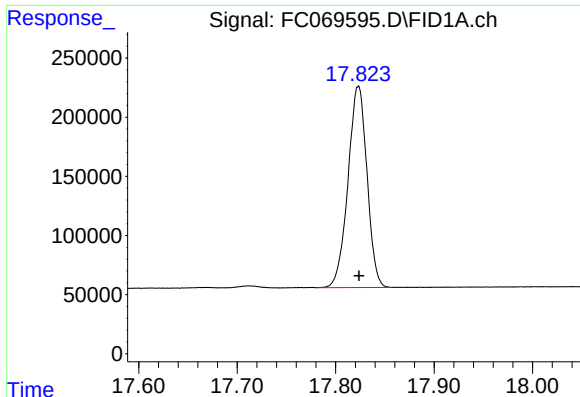
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.000 min
Response: 2217941
Conc: 19.19 ug/ml



#16 n-Octacosane (C28)

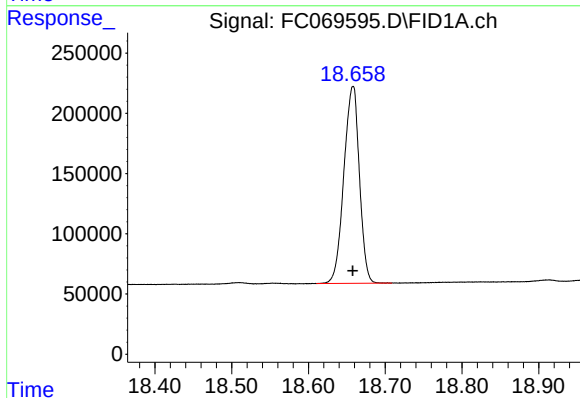
R.T.: 16.933 min
Delta R.T.: -0.002 min
Response: 2169922
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

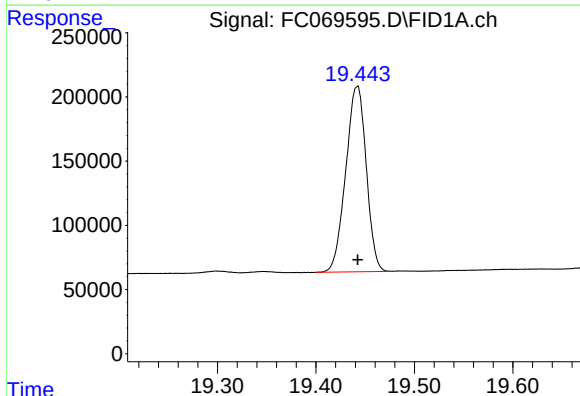
R.T.: 17.823 min
Delta R.T.: 0.000 min
Response: 2284118
Conc: 19.95 ug/ml

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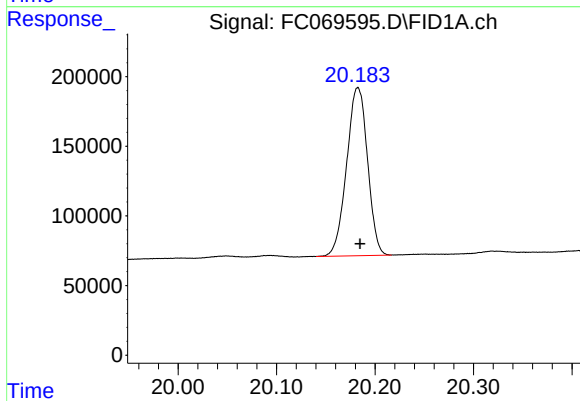
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.000 min
Response: 2297927
Conc: 20.69 ug/ml



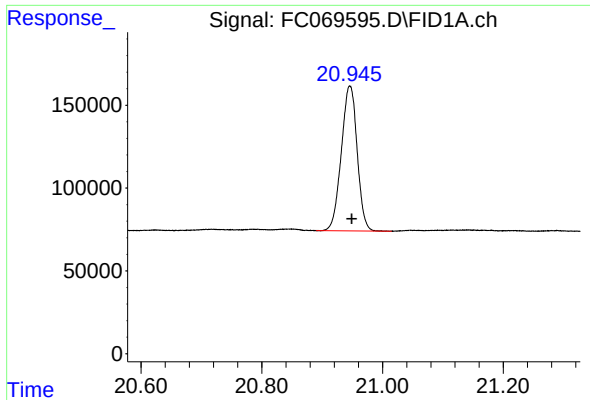
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.000 min
Response: 2090543
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

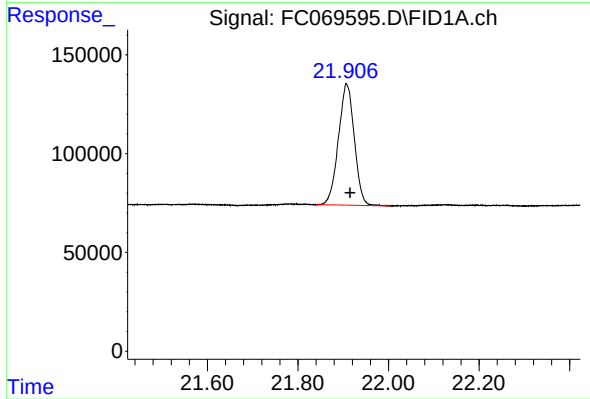
R.T.: 20.183 min
Delta R.T.: -0.002 min
Response: 1779179
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: -0.003 min
Response: 1590466
Conc: 19.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: -0.007 min
Response: 1494157
Conc: 19.95 ug/ml