

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101625AL\
 Data File : FC069982.D
 Signal(s) : FID1A.ch
 Acq On : 16 Oct 2025 14:06
 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: Oct 17 02:57:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.644	3507652	19.975 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	13.078	2562759	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
Target Compounds			
1) T n-Nonane (C9)	3.381	2814039	20.493 ug/ml
2) T n-Decane (C10)	4.453	2975466	20.697 ug/ml
3) T A~Naphthalene (C11.7)	6.047	3251107	20.116 ug/ml
4) T n-Dodecane (C12)	6.476	3143945	20.512 ug/ml
5) T A~2-methylnaphthalene...	7.105	3160383	19.808 ug/ml
6) T n-Tetradecane (C14)	8.274	3245347	20.405 ug/ml
7) T n-Hexadecane (C16)	9.878	3402943	20.193 ug/ml
8) T n-Octadecane (C18)	11.321	3431788	20.172 ug/ml
10) T n-Eicosane (C20)	12.632	3192955	19.902 ug/ml
11) T n-Heneicosane (C21)	13.245	3086561	19.878 ug/ml
13) T n-Docosane (C22)	13.832	3030621	19.693 ug/ml
14) T n-Tetracosane (C24)	14.936	2911429	19.201 ug/ml
15) T n-Hexacosane (C26)	15.958	2756438	19.044 ug/ml
16) T n-Octacosane (C28)	16.909	2651168	19.169 ug/ml
17) T n-Tricontane (C30)	17.798	2720530	19.926 ug/ml
18) T n-Dotriacontane (C32)	18.631	2669878	20.707 ug/ml
19) T n-Tetratriacontane (C34)	19.415	2356396	20.652 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1949367	20.157 ug/ml
21) T n-Octatriacontane (C38)	20.915	1591665	18.262 ug/ml
22) T n-Tetracontane (C40)	21.867	1279638	15.574 ug/ml

(f)=RT Delta > 1/2 Window

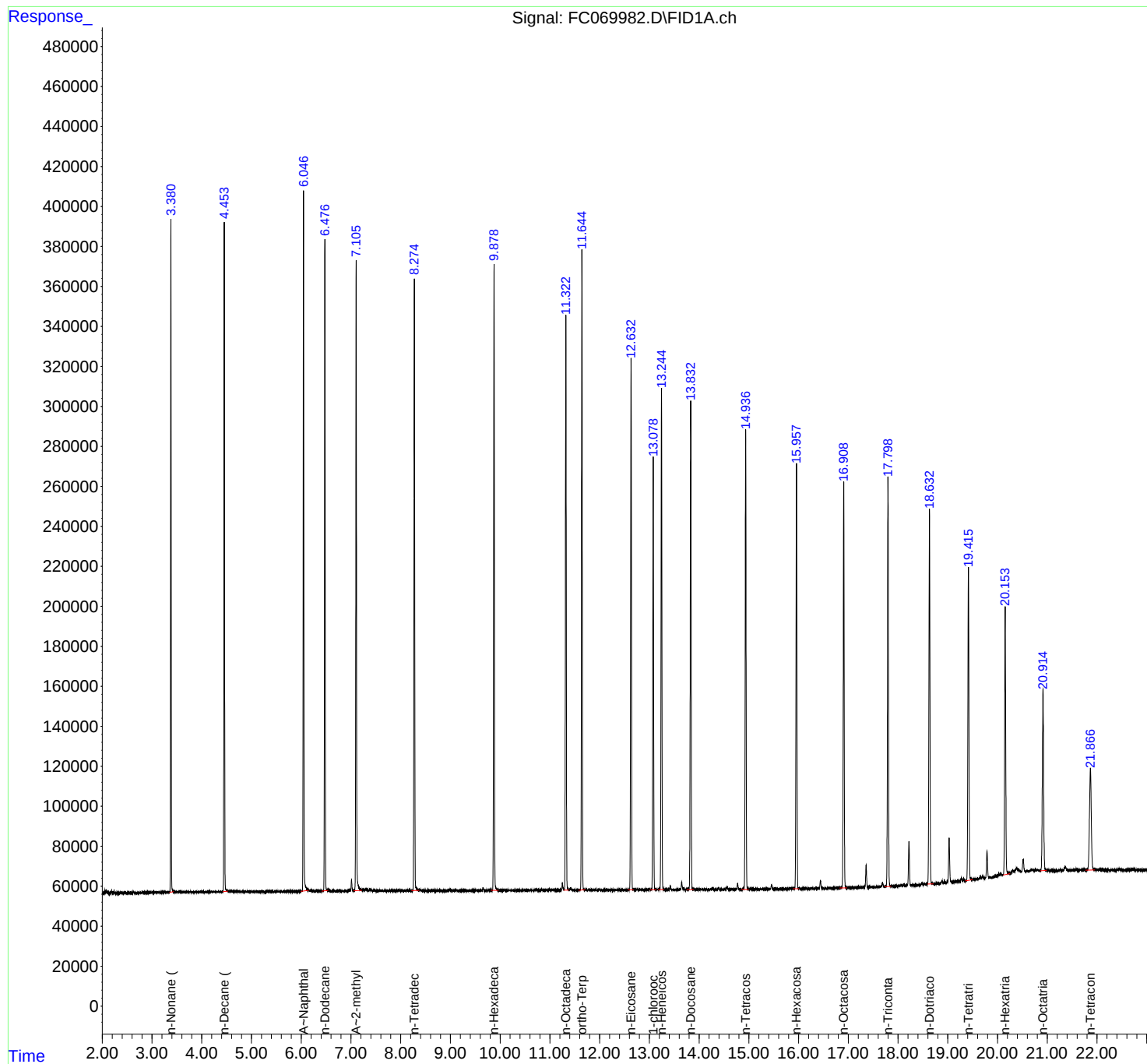
(m)=manual int.

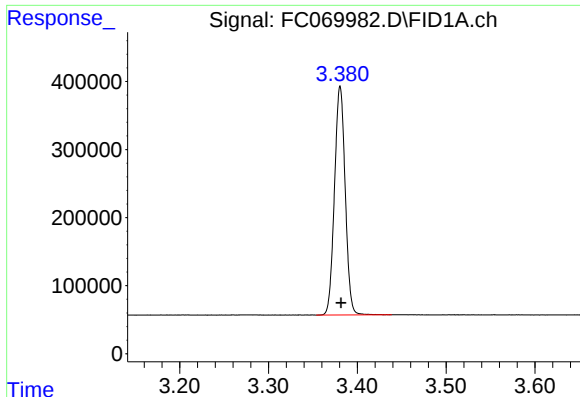
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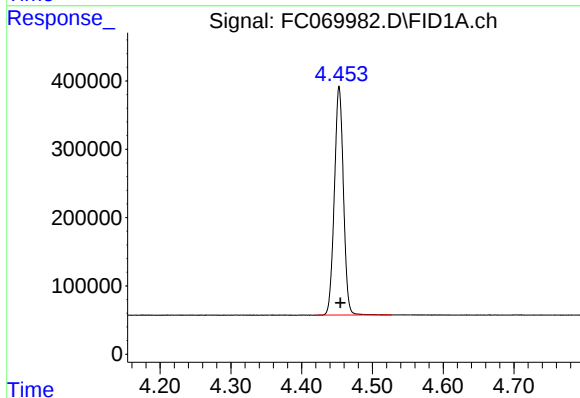




#1 n-Nonane (C9)

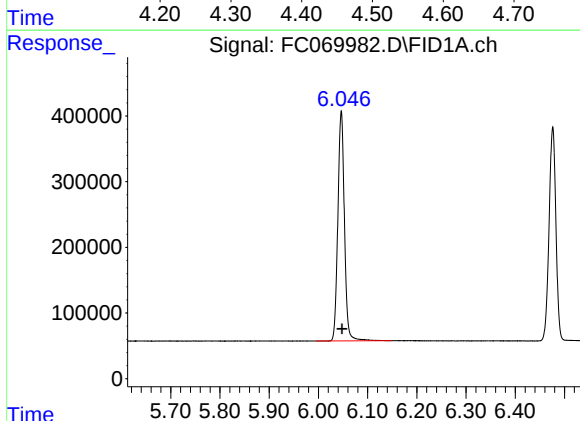
R.T.: 3.381 min
Delta R.T.: -0.001 min
Response: 2814039
Conc: 20.49 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



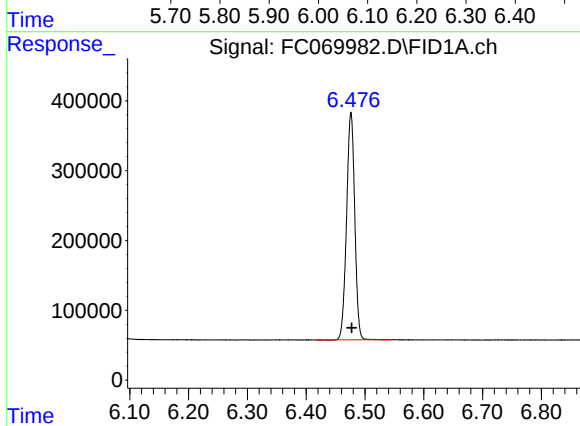
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.001 min
Response: 2975466
Conc: 20.70 ug/ml



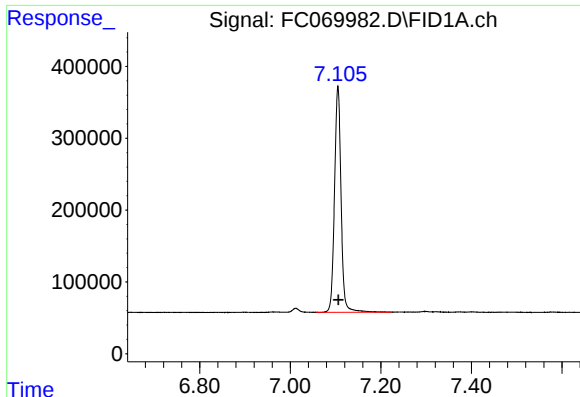
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 3251107
Conc: 20.12 ug/ml



#4 n-Dodecane (C12)

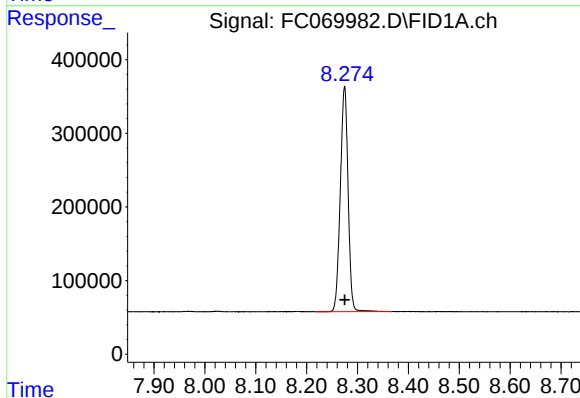
R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 3143945
Conc: 20.51 ug/ml



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

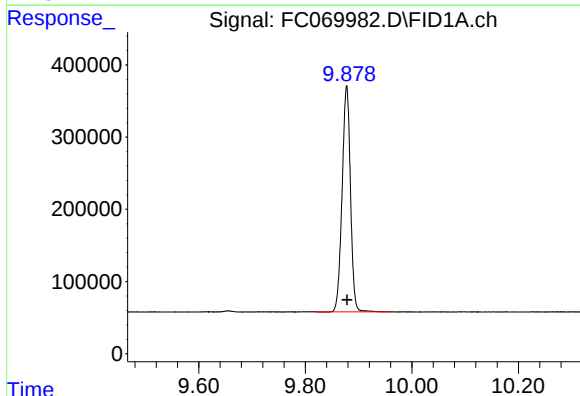
R.T.: 7.105 min
Delta R.T.: -0.001 min
Response: 3160383
Conc: 19.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



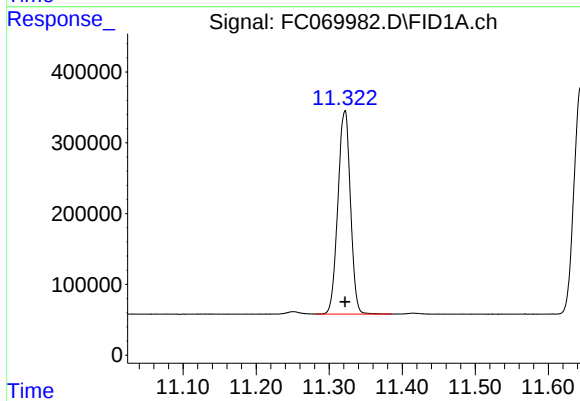
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 3245347
Conc: 20.41 ug/ml



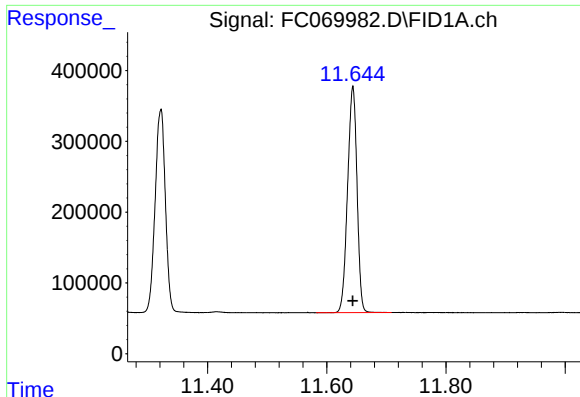
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: -0.001 min
Response: 3402943
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

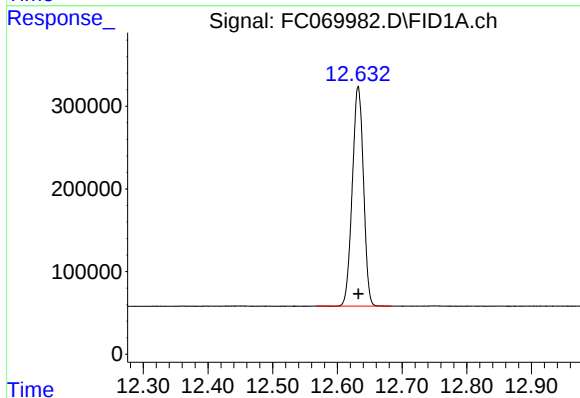
R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 3431788
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

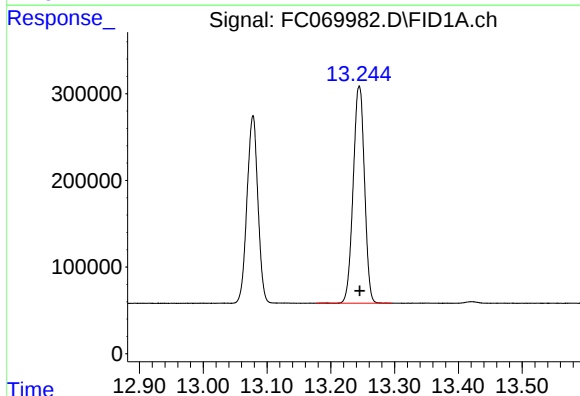
R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 3507652
Conc: 19.97 ug/ml

Instrument :
FID_C
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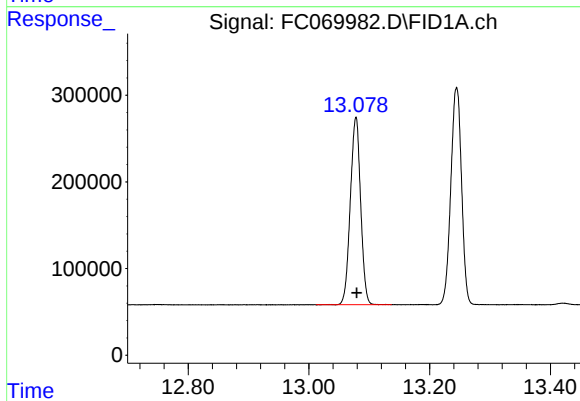
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 3192955
Conc: 19.90 ug/ml



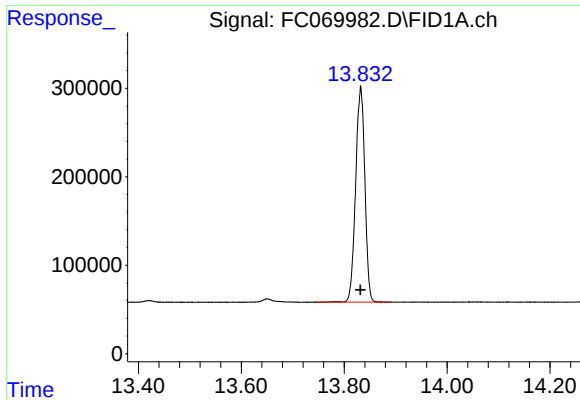
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 3086561
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

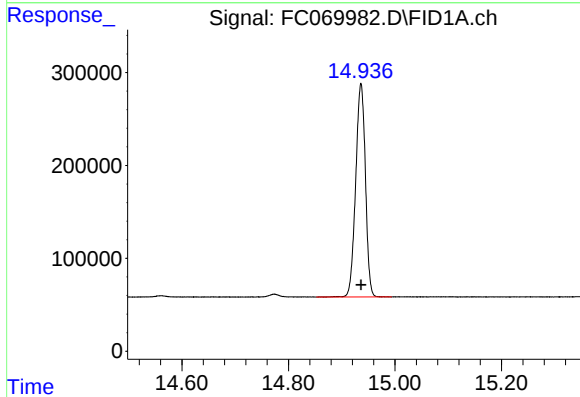
R.T.: 13.078 min
Delta R.T.: -0.001 min
Response: 2562759
Conc: 18.88 ug/ml



#13 n-Docosane (C22)

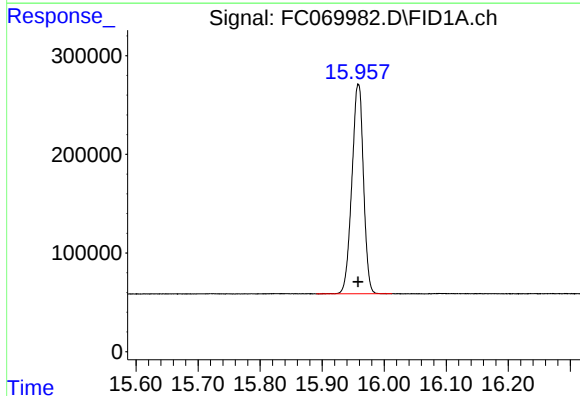
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 3030621
Conc: 19.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



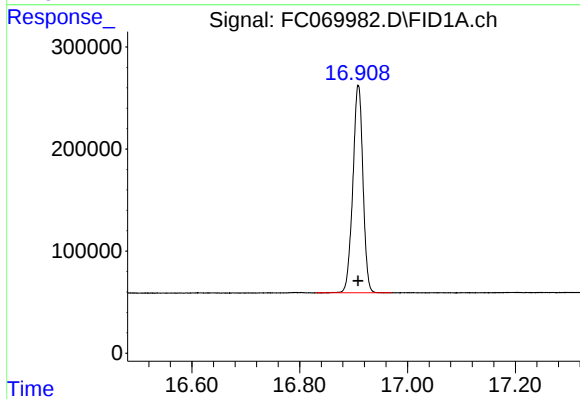
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 2911429
Conc: 19.20 ug/ml



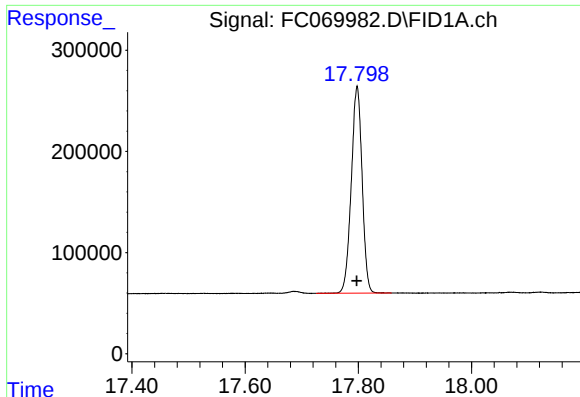
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: 0.000 min
Response: 2756438
Conc: 19.04 ug/ml



#16 n-Octacosane (C28)

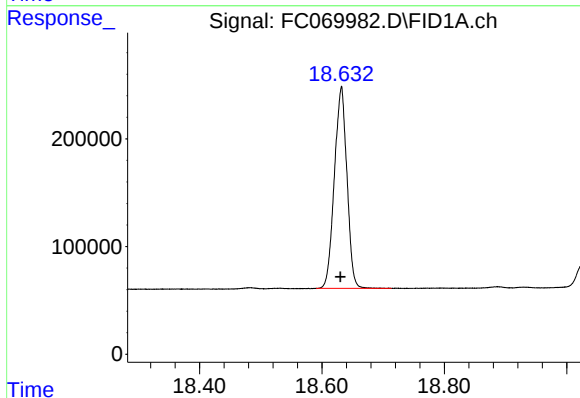
R.T.: 16.909 min
Delta R.T.: 0.000 min
Response: 2651168
Conc: 19.17 ug/ml



#17 n-Tricontane (C30)

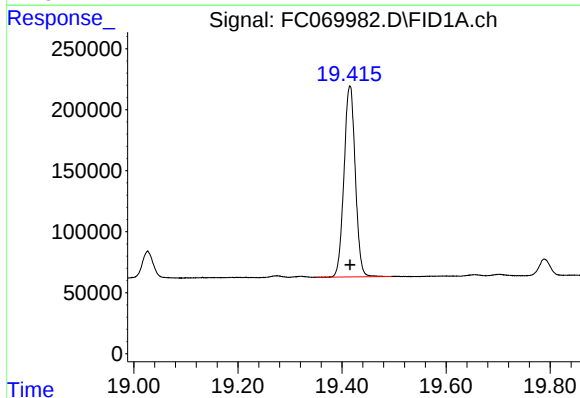
R.T.: 17.798 min
Delta R.T.: 0.000 min
Response: 2720530
Conc: 19.93 ug/ml

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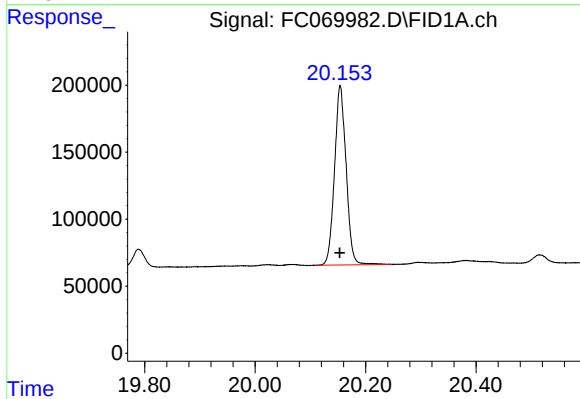
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.001 min
Response: 2669878
Conc: 20.71 ug/ml



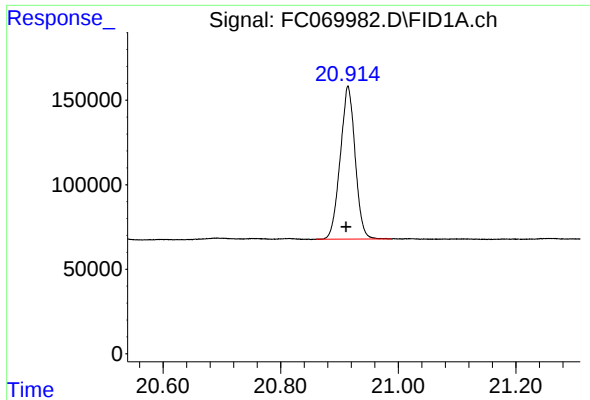
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.000 min
Response: 2356396
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

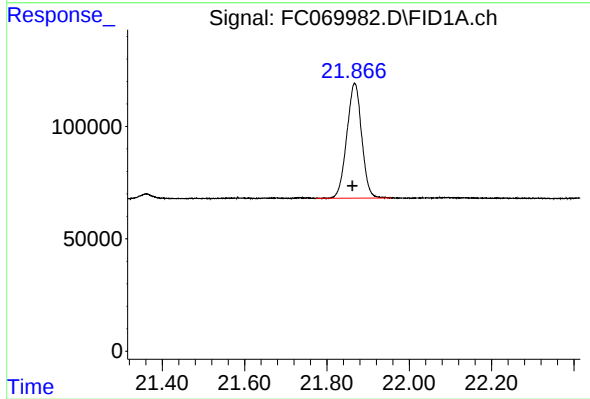
R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 1949367
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: 0.003 min
Response: 1591665
Conc: 18.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: 0.006 min
Response: 1279638
Conc: 15.57 ug/ml