

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092525AL\
 Data File : FC069835.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 16:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 26 02:49:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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)	11.661	3489228	18.629 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
12) S 1-chlorooctadecane (S...	13.095	2738815	17.343 ug/ml
Spiked Amount 50.000		Recovery =	34.69%
Target Compounds			
1) T n-Nonane (C9)	3.400	2500356	19.505 ug/ml
2) T n-Decane (C10)	4.472	2608016	19.627 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2952117	19.886 ug/ml
4) T n-Dodecane (C12)	6.495	2735513	19.610 ug/ml
5) T A~2-methylnaphthalene...	7.124	2934616	19.876 ug/ml
6) T n-Tetradecane (C14)	8.291	2879920	19.417 ug/ml
7) T n-Hexadecane (C16)	9.895	3104260	18.811 ug/ml
8) T n-Octadecane (C18)	11.339	3236700	18.161 ug/ml
10) T n-Eicosane (C20)	12.649	3150651	17.493 ug/ml
11) T n-Heneicosane (C21)	13.260	3102180	17.204 ug/ml
13) T n-Docosane (C22)	13.848	3092029	17.020 ug/ml
14) T n-Tetracosane (C24)	14.951	3049000	16.570 ug/ml
15) T n-Hexacosane (C26)	15.973	2946818	16.230 ug/ml
16) T n-Octacosane (C28)	16.923	2852901	16.161 ug/ml
17) T n-Tricontane (C30)	17.814	2904976	16.597 ug/ml
18) T n-Dotriacontane (C32)	18.646	2770792	17.126 ug/ml
19) T n-Tetratriacontane (C34)	19.431	2409354	17.240 ug/ml
20) T n-Hexatriacontane (C36)	20.171	1928551	17.082 ug/ml
21) T n-Octatriacontane (C38)	20.932	1609449	16.684 ug/ml
22) T n-Tetracontane (C40)	21.890	1440088	16.720 ug/ml

(f)=RT Delta > 1/2 Window

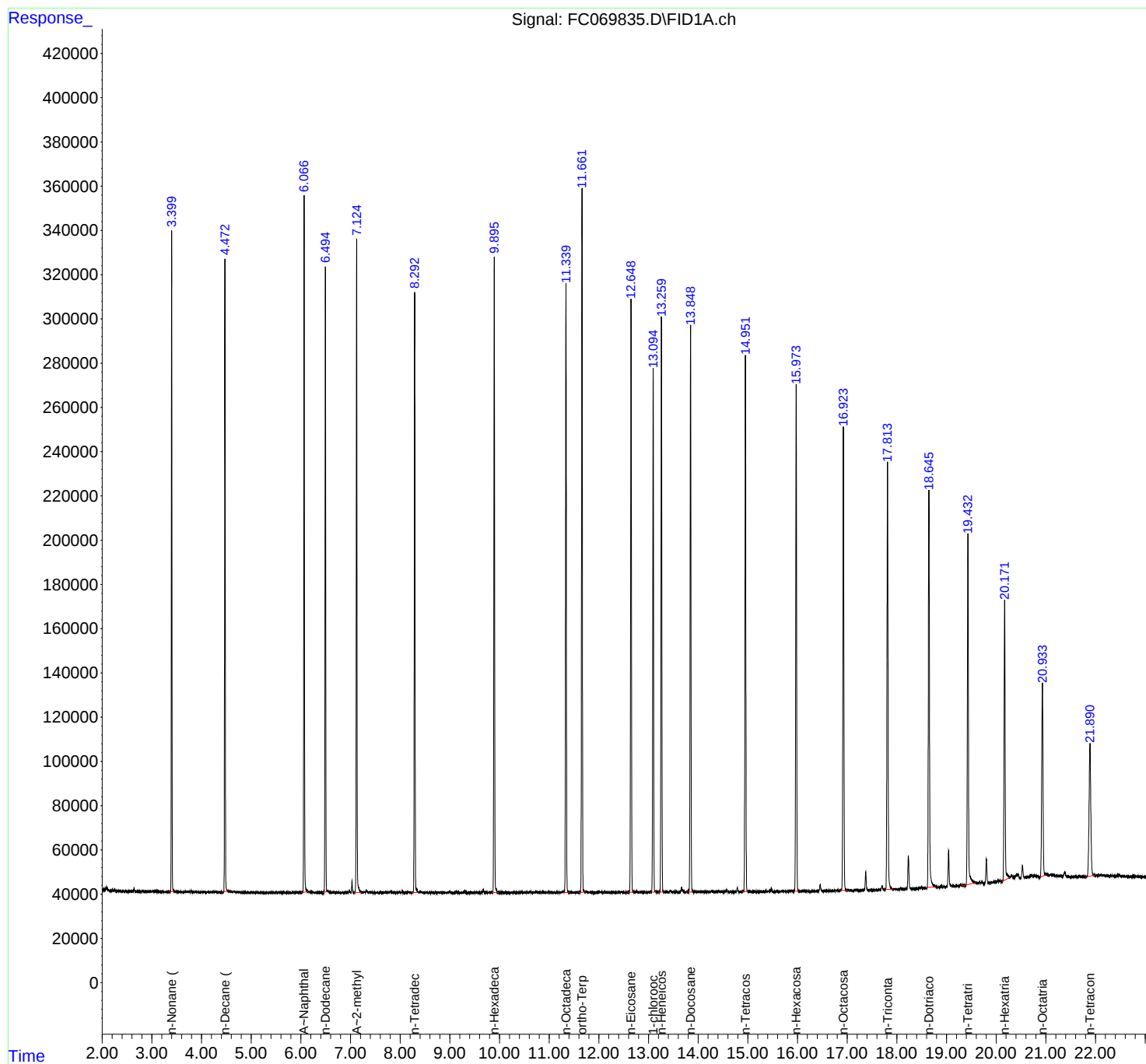
(m)=manual int.

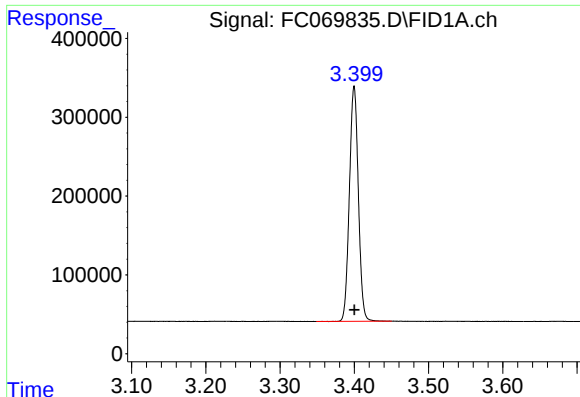
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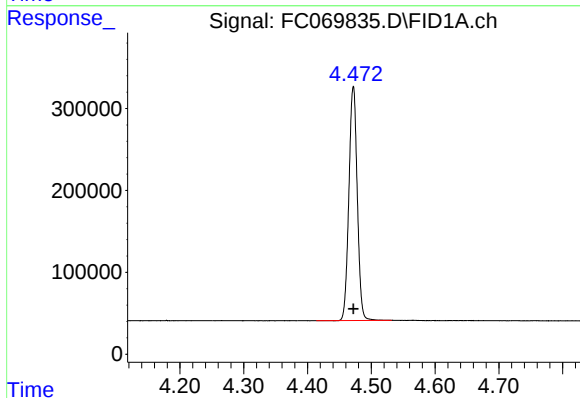




#1 n-Nonane (C9)

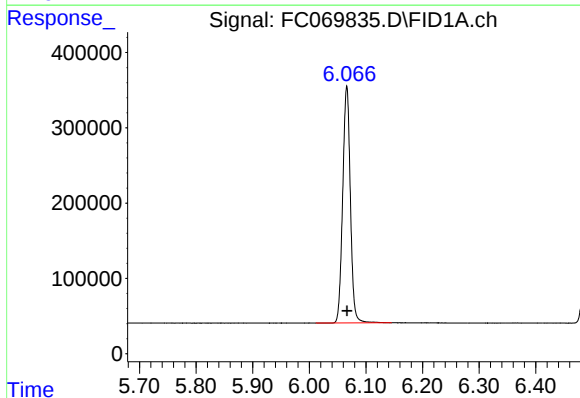
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2500356
Conc: 19.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



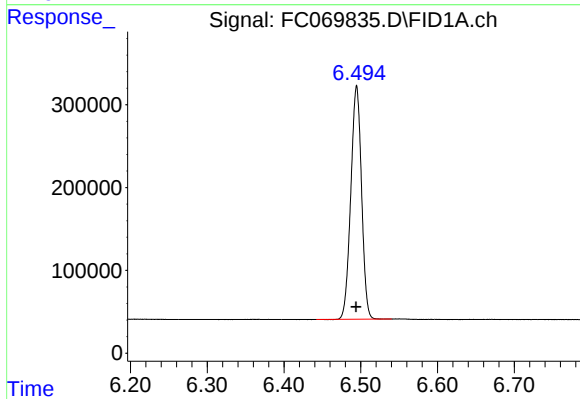
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2608016
Conc: 19.63 ug/ml



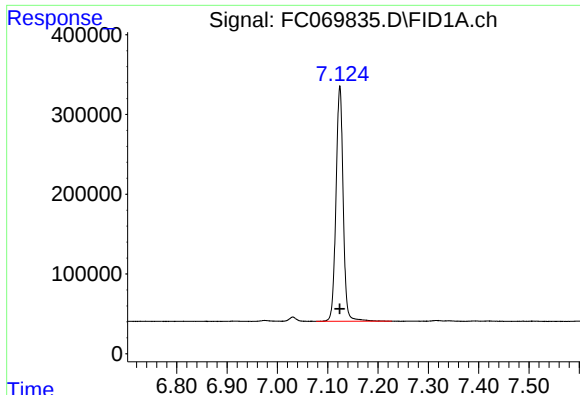
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2952117
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

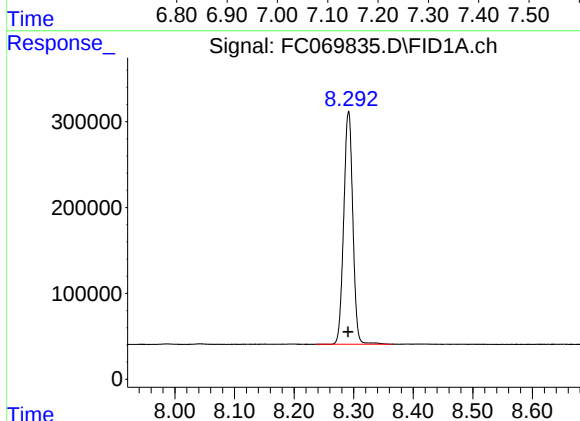
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 2735513
Conc: 19.61 ug/ml



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

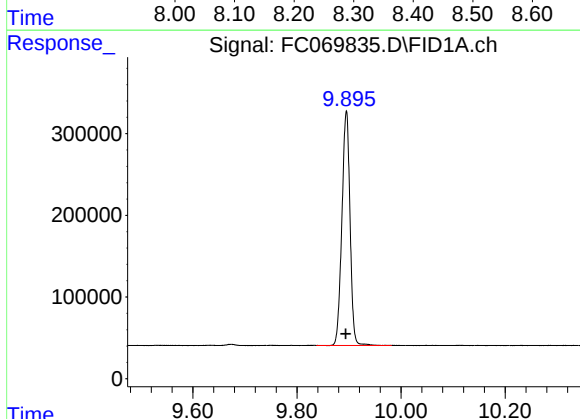
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 2934616
Conc: 19.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



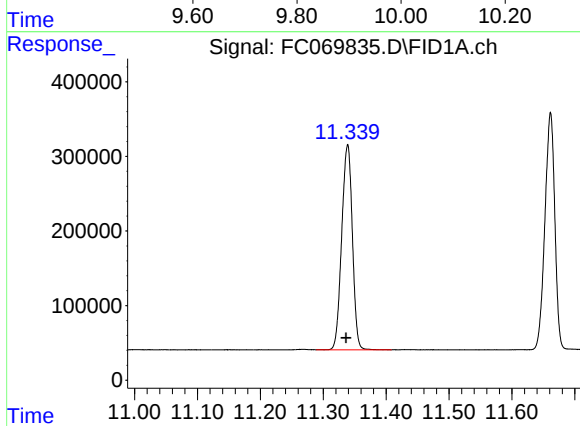
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 2879920
Conc: 19.42 ug/ml



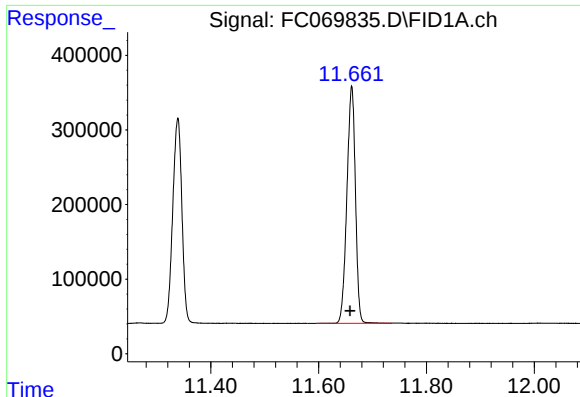
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.001 min
Response: 3104260
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

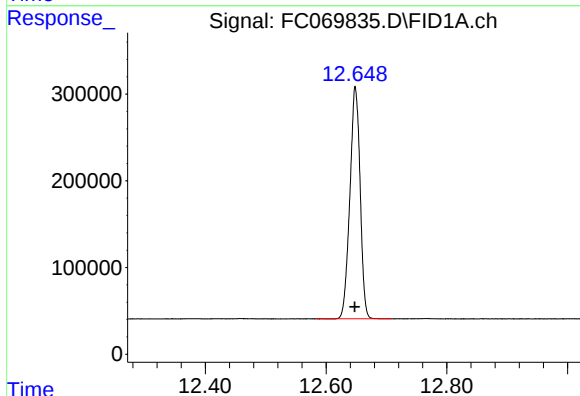
R.T.: 11.339 min
Delta R.T.: 0.002 min
Response: 3236700
Conc: 18.16 ug/ml



#9 ortho-Terphenyl (SURR)

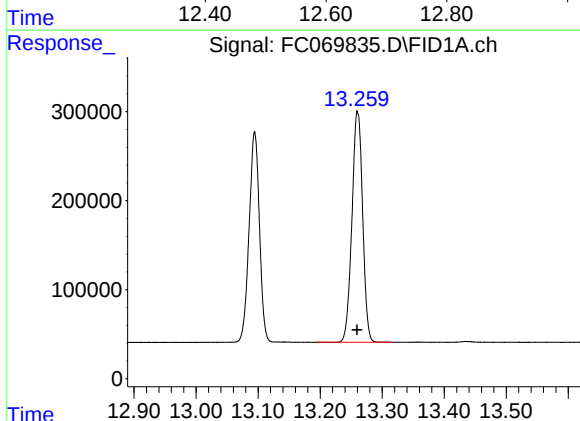
R.T.: 11.661 min
Delta R.T.: 0.003 min
Response: 3489228
Conc: 18.63 ug/ml

Instrument :
FID_C
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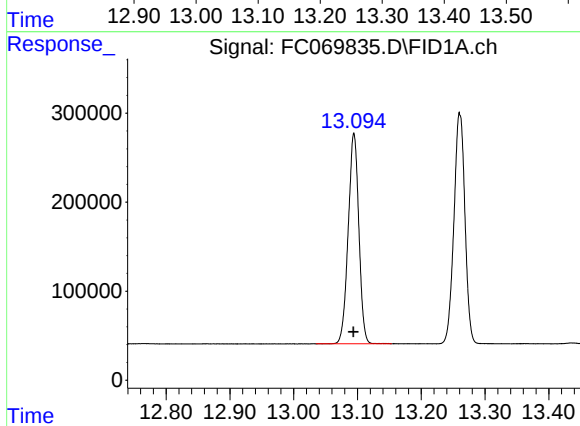
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.001 min
Response: 3150651
Conc: 17.49 ug/ml



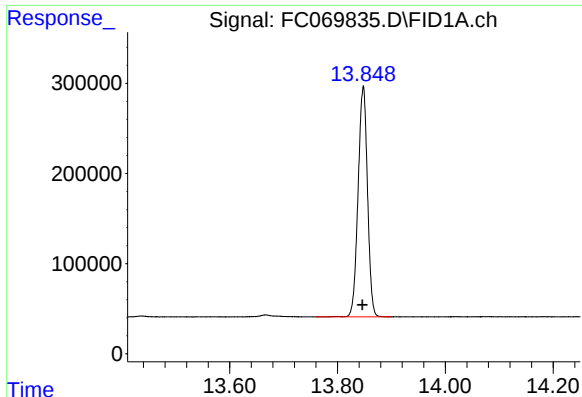
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.001 min
Response: 3102180
Conc: 17.20 ug/ml



#12 1-chlorooctadecane (SURR)

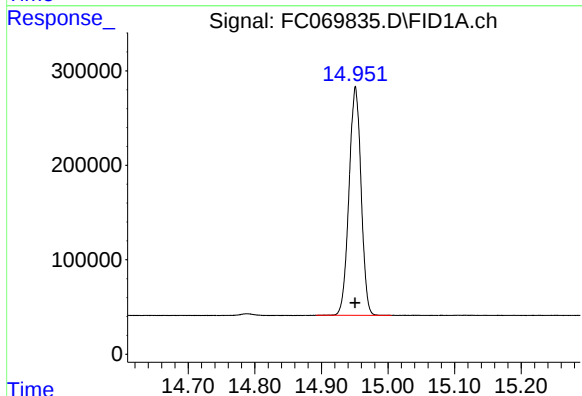
R.T.: 13.095 min
Delta R.T.: 0.000 min
Response: 2738815
Conc: 17.34 ug/ml



#13 n-Docosane (C22)

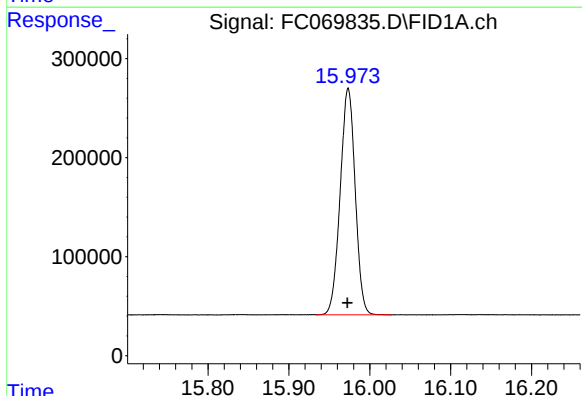
R.T.: 13.848 min
Delta R.T.: 0.001 min
Response: 3092029
Conc: 17.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



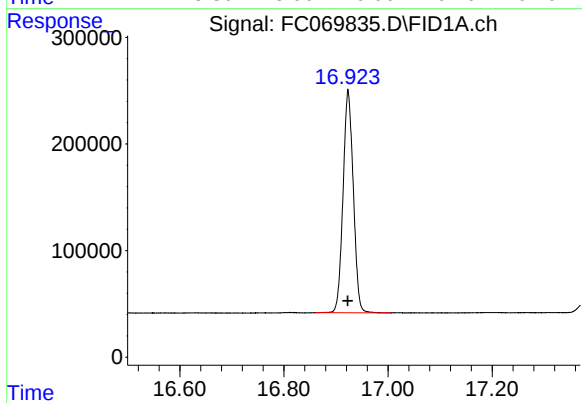
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 3049000
Conc: 16.57 ug/ml



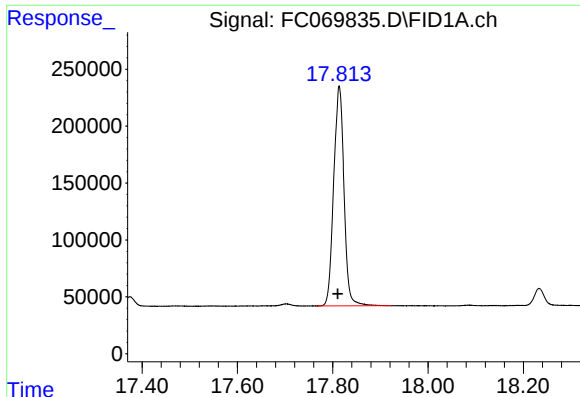
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: 0.001 min
Response: 2946818
Conc: 16.23 ug/ml



#16 n-Octacosane (C28)

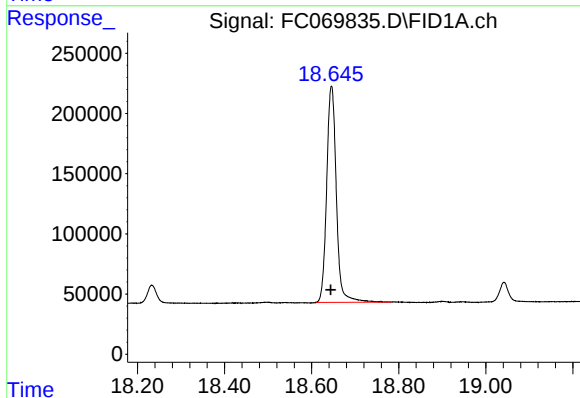
R.T.: 16.923 min
Delta R.T.: 0.000 min
Response: 2852901
Conc: 16.16 ug/ml



#17 n-Tricontane (C30)

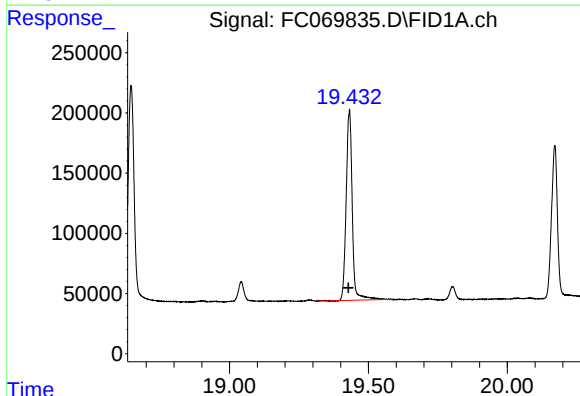
R.T.: 17.814 min
Delta R.T.: 0.003 min
Response: 2904976
Conc: 16.60 ug/ml

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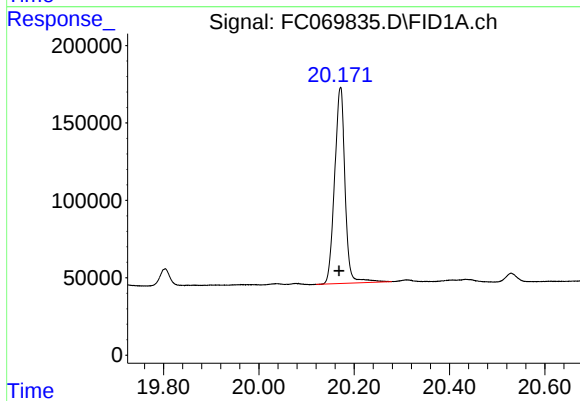
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: 0.002 min
Response: 2770792
Conc: 17.13 ug/ml



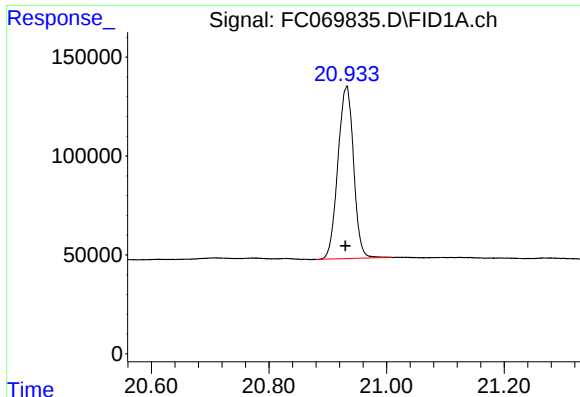
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: 0.003 min
Response: 2409354
Conc: 17.24 ug/ml



#20 n-Hexatriacontane (C36)

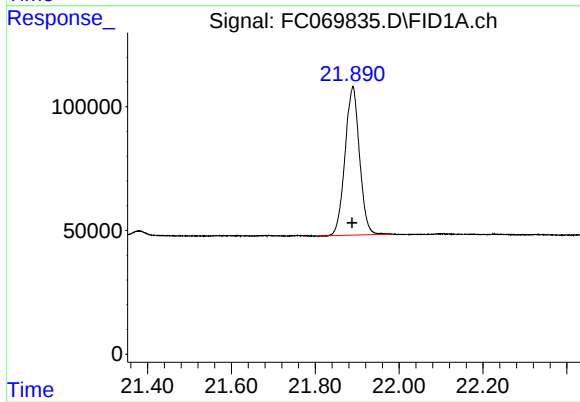
R.T.: 20.171 min
Delta R.T.: 0.003 min
Response: 1928551
Conc: 17.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: 0.002 min
Response: 1609449
Conc: 16.68 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.890 min
Delta R.T.: 0.002 min
Response: 1440088
Conc: 16.72 ug/ml