

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072225AL\
 Data File : FC069489.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jul 2025 12:49
 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: Jul 23 01:32:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.666	2977210	20.061 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
12) S 1-chlorooctadecane (S...	13.101	2205099	19.512 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.402	2819420	20.719 ug/ml
2) T n-Decane (C10)	4.473	2915609	20.948 ug/ml
3) T A~Naphthalene (C11.7)	6.066	3118345	20.636 ug/ml
4) T n-Dodecane (C12)	6.497	3000351	21.169 ug/ml
5) T A~2-methylnaphthalene...	7.126	2992166	20.481 ug/ml
6) T n-Tetradecane (C14)	8.296	3015922	21.211 ug/ml
7) T n-Hexadecane (C16)	9.900	3054674	20.928 ug/ml
8) T n-Octadecane (C18)	11.344	2967101	20.627 ug/ml
10) T n-Eicosane (C20)	12.655	2725142	20.299 ug/ml
11) T n-Heneicosane (C21)	13.268	2612996	20.117 ug/ml
13) T n-Docosane (C22)	13.855	2539249	19.993 ug/ml
14) T n-Tetracosane (C24)	14.959	2419714	19.825 ug/ml
15) T n-Hexacosane (C26)	15.982	2283292	19.653 ug/ml
16) T n-Octacosane (C28)	16.933	2188912	19.771 ug/ml
17) T n-Tricontane (C30)	17.822	2207009	20.155 ug/ml
18) T n-Dotriacontane (C32)	18.656	2164947	20.863 ug/ml
19) T n-Tetratriacontane (C34)	19.440	1983450	21.049 ug/ml
20) T n-Hexatriacontane (C36)	20.181	1720394	20.828 ug/ml
21) T n-Octatriacontane (C38)	20.946	1549044	20.394 ug/ml
22) T n-Tetracontane (C40)	21.908	1422263	19.417 ug/ml

(f)=RT Delta > 1/2 Window

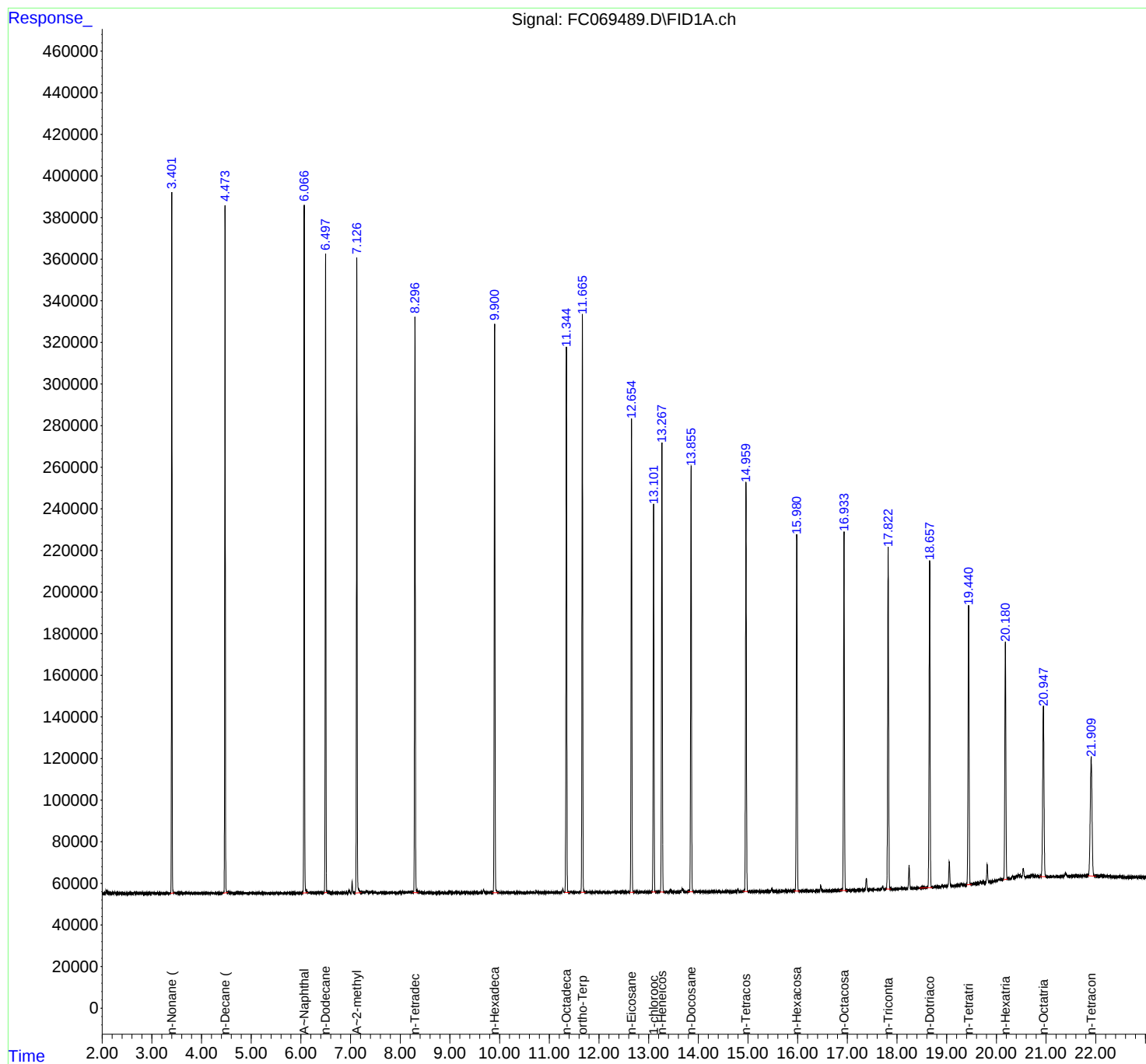
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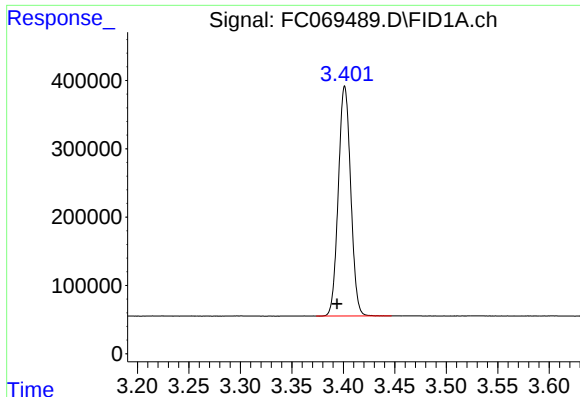
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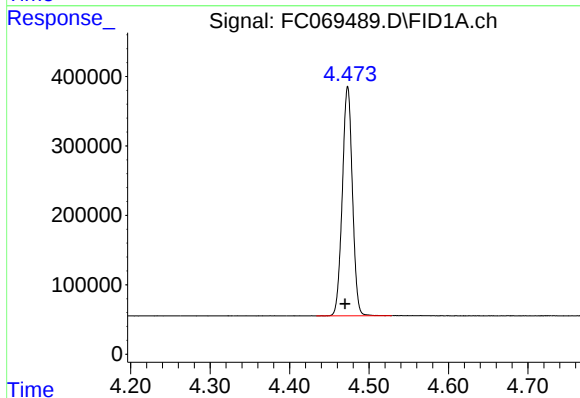




#1 n-Nonane (C9)

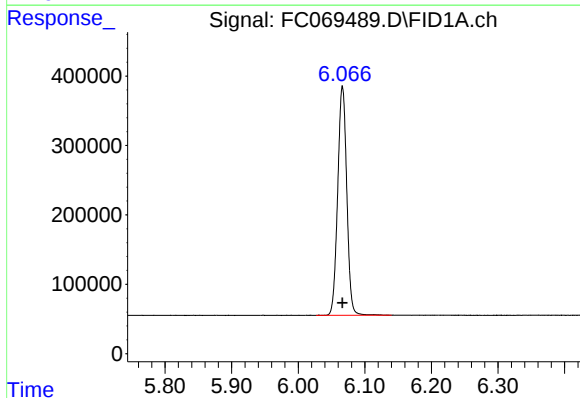
R.T.: 3.402 min
Delta R.T.: 0.007 min
Response: 2819420
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



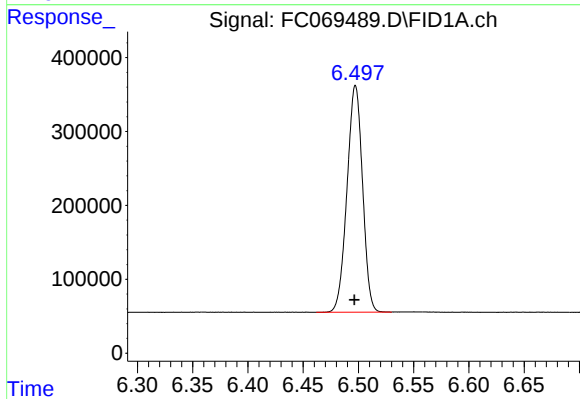
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.003 min
Response: 2915609
Conc: 20.95 ug/ml



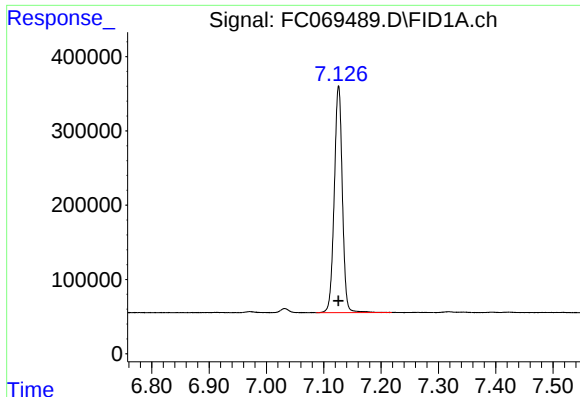
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 3118345
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

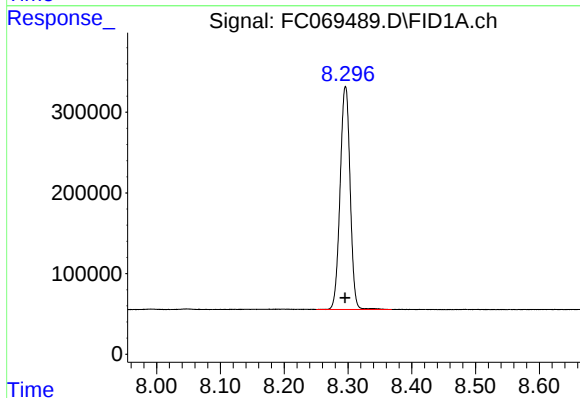
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 3000351
Conc: 21.17 ug/ml



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

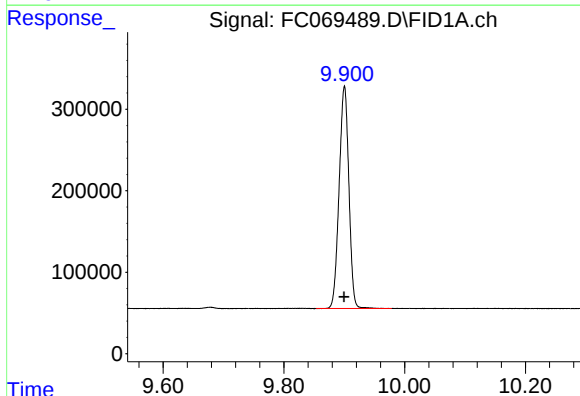
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 2992166
Conc: 20.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



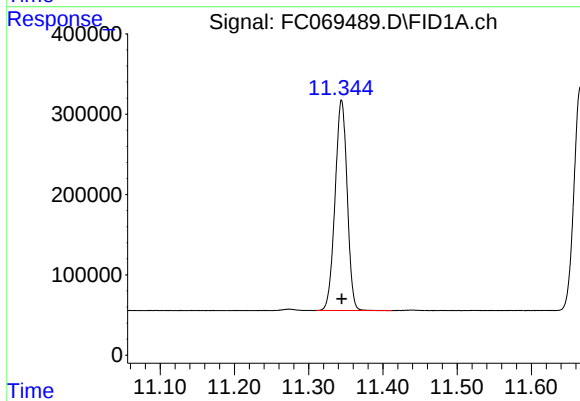
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3015922
Conc: 21.21 ug/ml



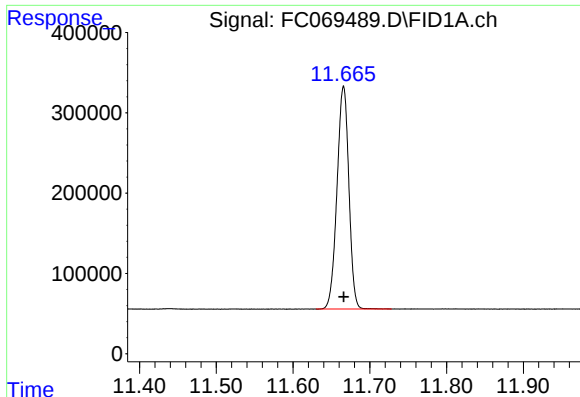
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 3054674
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

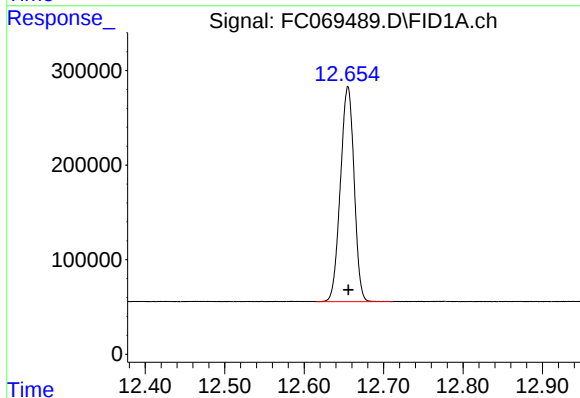
R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 2967101
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

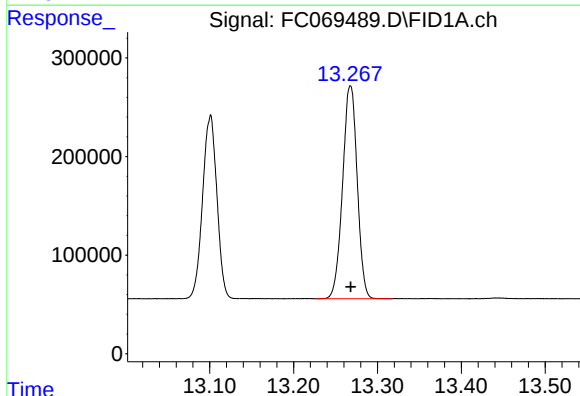
R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 2977210
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



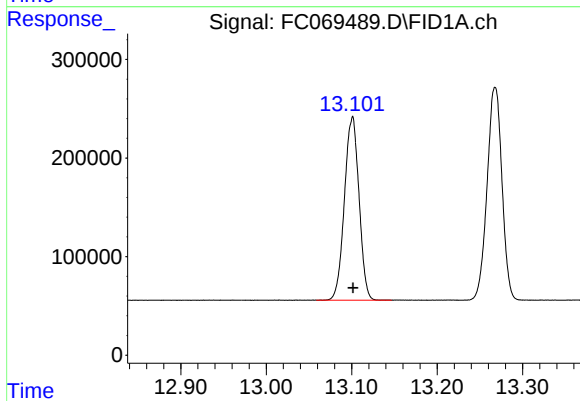
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: 0.000 min
Response: 2725142
Conc: 20.30 ug/ml



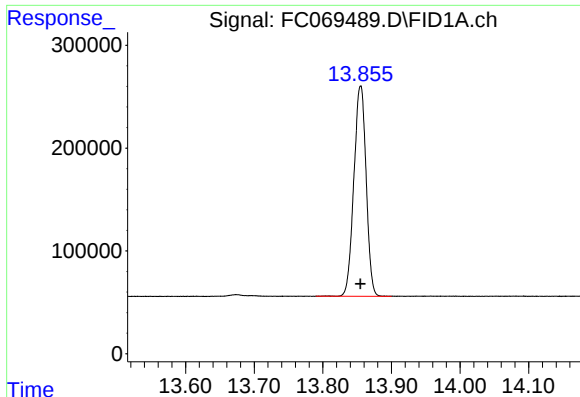
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 2612996
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

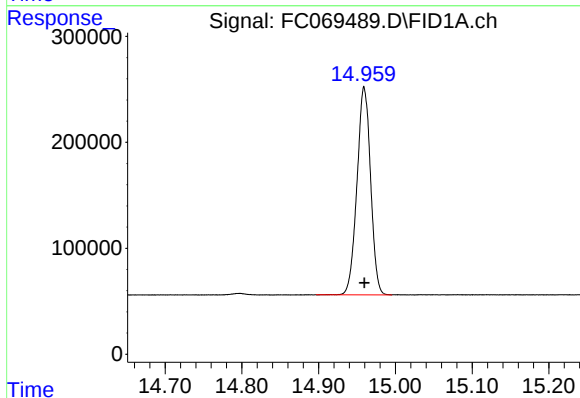
R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 2205099
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

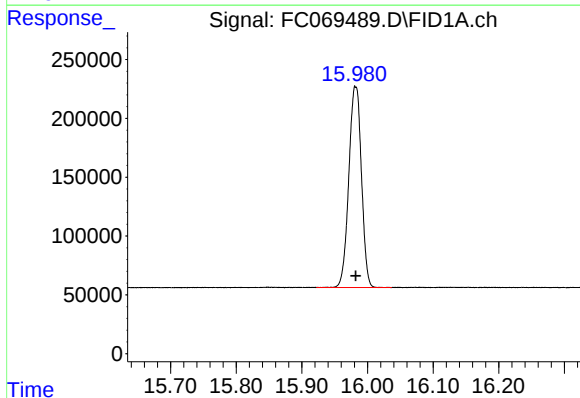
R.T.: 13.855 min
Delta R.T.: 0.000 min
Response: 2539249
Conc: 19.99 ug/ml

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20 PPM ALIPHATIC HC STD



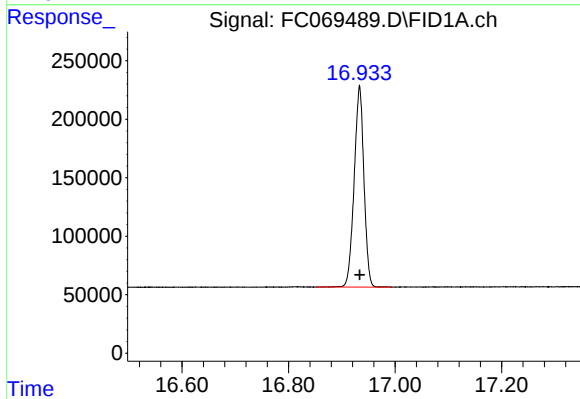
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: 0.000 min
Response: 2419714
Conc: 19.83 ug/ml



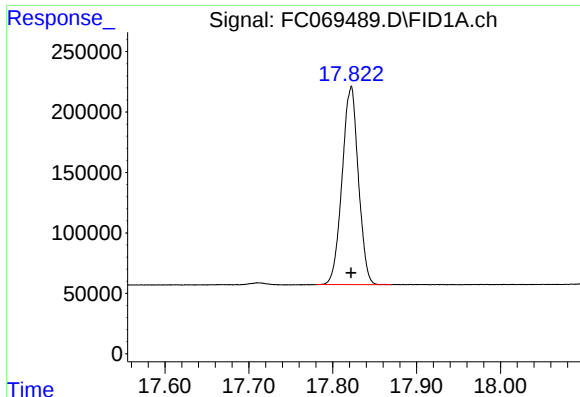
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: 0.000 min
Response: 2283292
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

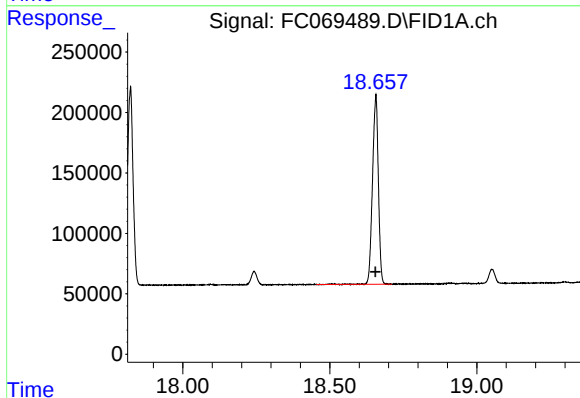
R.T.: 16.933 min
Delta R.T.: 0.000 min
Response: 2188912
Conc: 19.77 ug/ml



#17 n-Tricontane (C30)

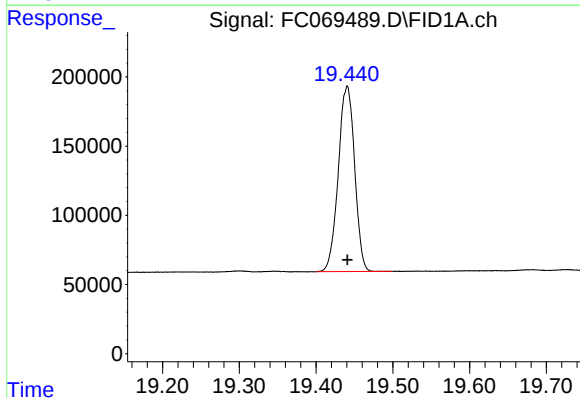
R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 2207009
Conc: 20.16 ug/ml

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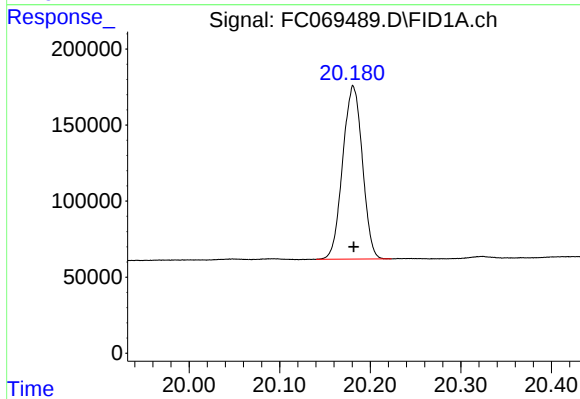
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: 0.001 min
Response: 2164947
Conc: 20.86 ug/ml



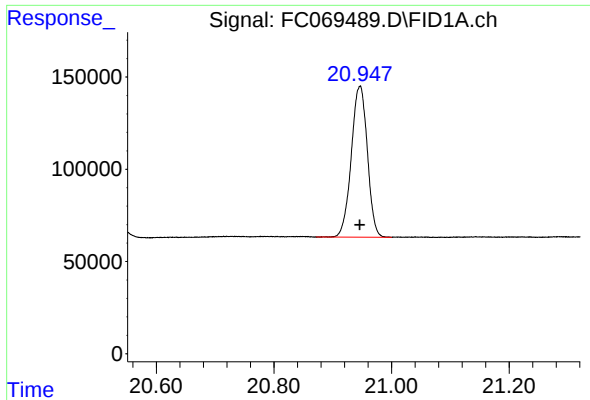
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: 0.000 min
Response: 1983450
Conc: 21.05 ug/ml



#20 n-Hexatriacontane (C36)

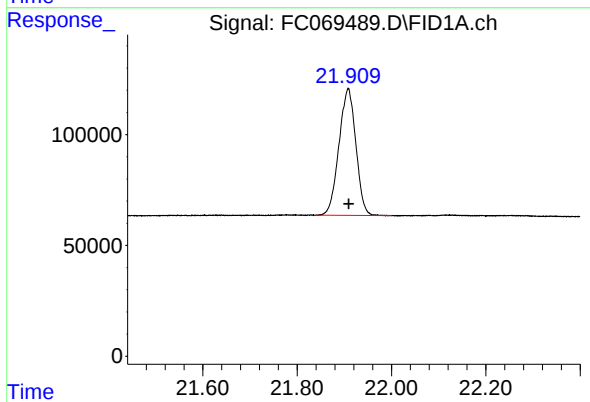
R.T.: 20.181 min
Delta R.T.: 0.000 min
Response: 1720394
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: 0.000 min
Response: 1549044
Conc: 20.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: -0.001 min
Response: 1422263
Conc: 19.42 ug/ml