

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069809.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2025 00:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 01:12:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.662	2420466	18.692 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.098	1831853	19.145 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.394	2330234	18.587 ug/ml
2) T n-Decane (C10)	4.467	2379461	18.674 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2515132	18.697 ug/ml
4) T n-Dodecane (C12)	6.492	2392824	18.674 ug/ml
5) T A~2-methylnaphthalene...	7.122	2397329	18.719 ug/ml
6) T n-Tetradecane (C14)	8.291	2351973	18.441 ug/ml
7) T n-Hexadecane (C16)	9.895	2392209	18.524 ug/ml
8) T n-Octadecane (C18)	11.340	2338733	18.653 ug/ml
10) T n-Eicosane (C20)	12.652	2180169	18.783 ug/ml
11) T n-Heneicosane (C21)	13.265	2109304	18.863 ug/ml
13) T n-Docosane (C22)	13.853	2070467	18.973 ug/ml
14) T n-Tetracosane (C24)	14.958	2012713	19.192 ug/ml
15) T n-Hexacosane (C26)	15.980	1917613	19.135 ug/ml
16) T n-Octacosane (C28)	16.932	1851113	19.225 ug/ml
17) T n-Tricontane (C30)	17.821	1877436	19.522 ug/ml
18) T n-Dotriacontane (C32)	18.655	1846121	19.818 ug/ml
19) T n-Tetratriacontane (C34)	19.439	1714598	19.869 ug/ml
20) T n-Hexatriacontane (C36)	20.181	1512076	19.821 ug/ml
21) T n-Octatriacontane (C38)	20.946	1394925	19.836 ug/ml
22) T n-Tetracontane (C40)	21.907	1330119	20.023 ug/ml

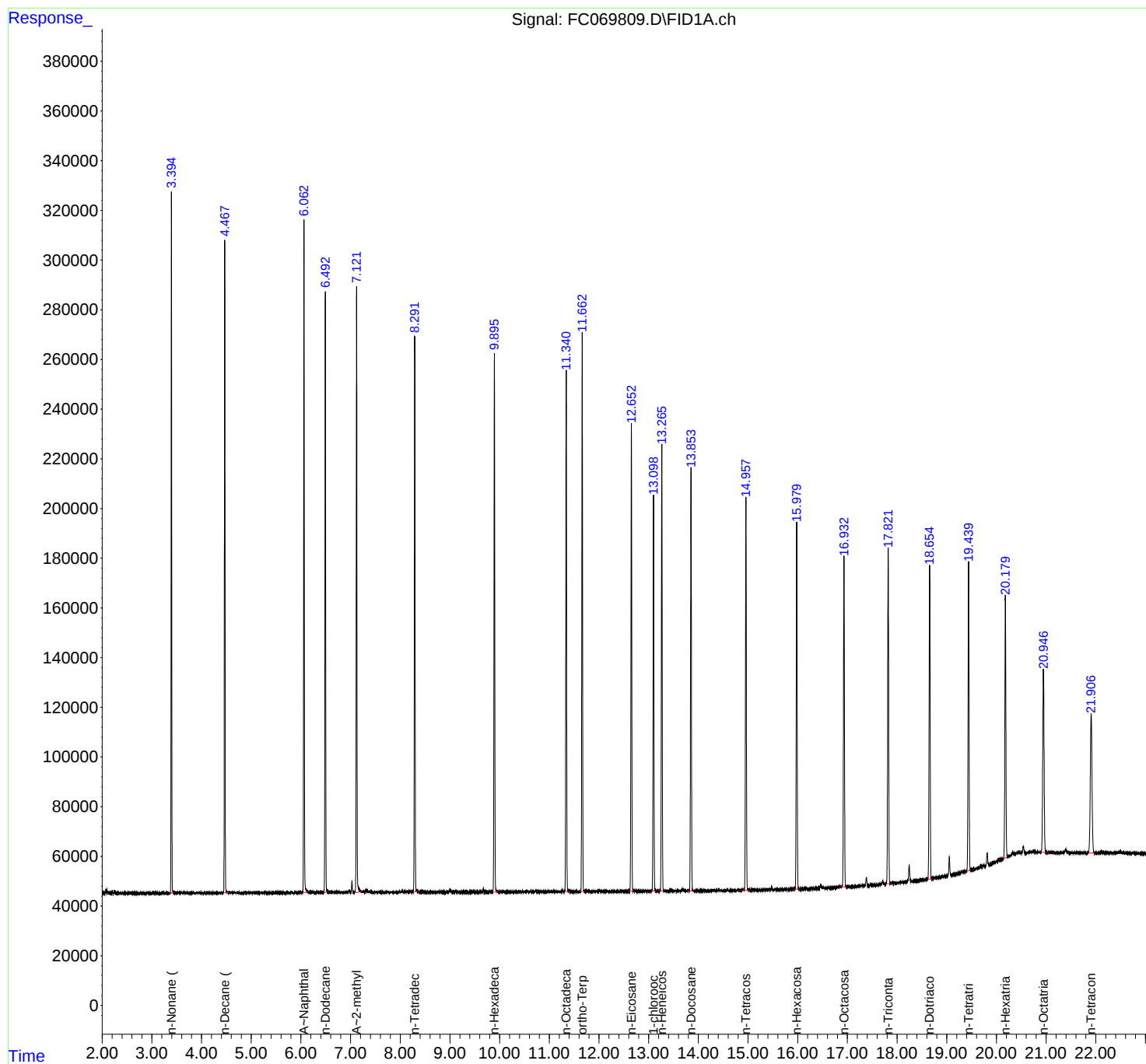
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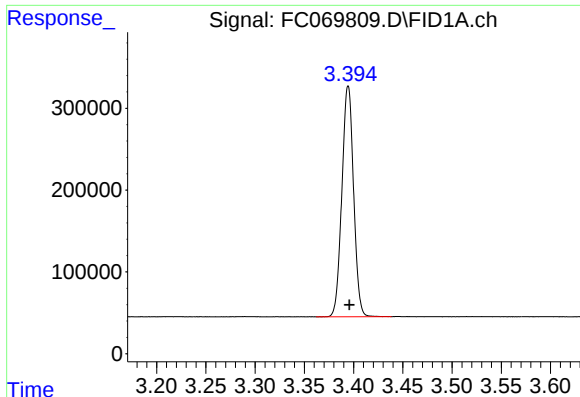
(m)=manual int.

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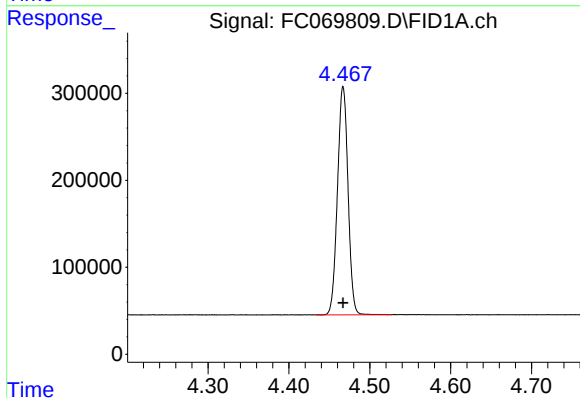
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





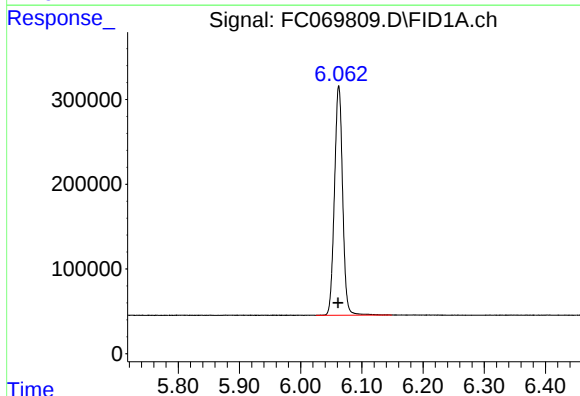
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 2330234
Conc: 18.59 ug/ml



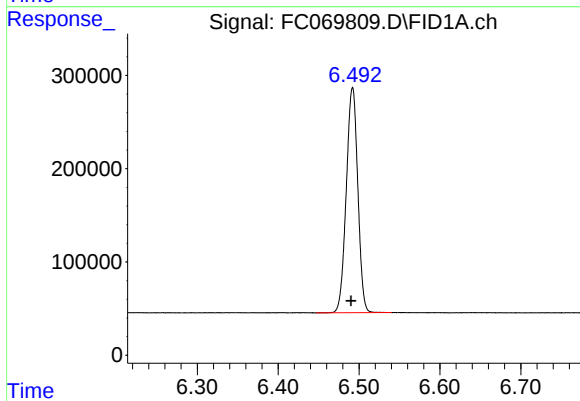
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 2379461
Conc: 18.67 ug/ml



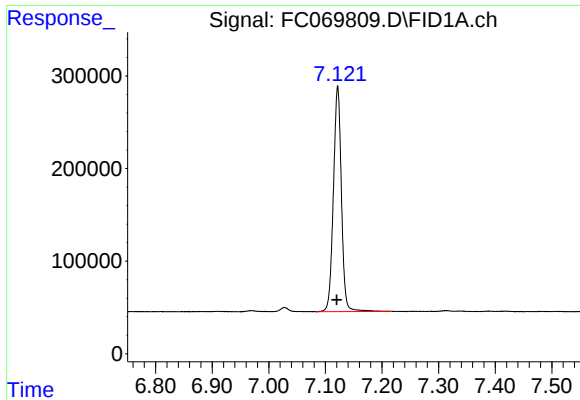
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.001 min
Response: 2515132
Conc: 18.70 ug/ml



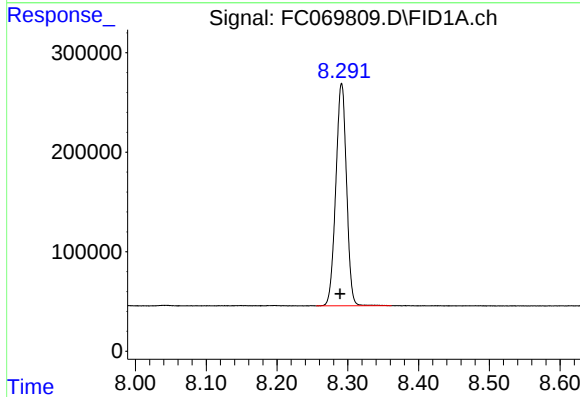
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 2392824
Conc: 18.67 ug/ml



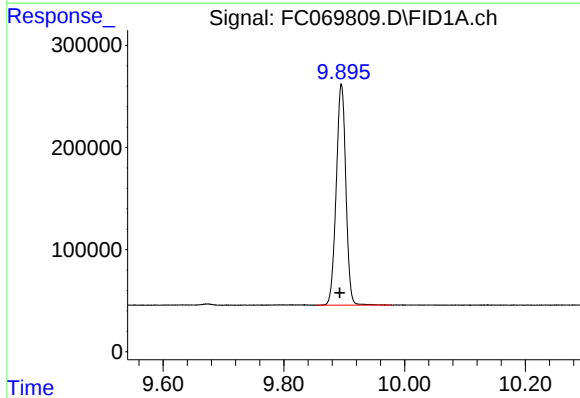
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.002 min
Response: 2397329
Conc: 18.72 ug/ml



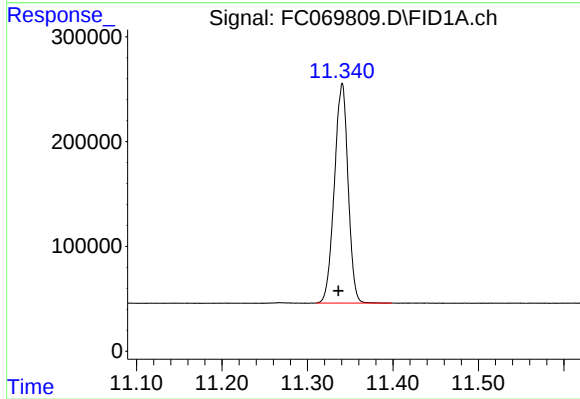
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.002 min
Response: 2351973
Conc: 18.44 ug/ml



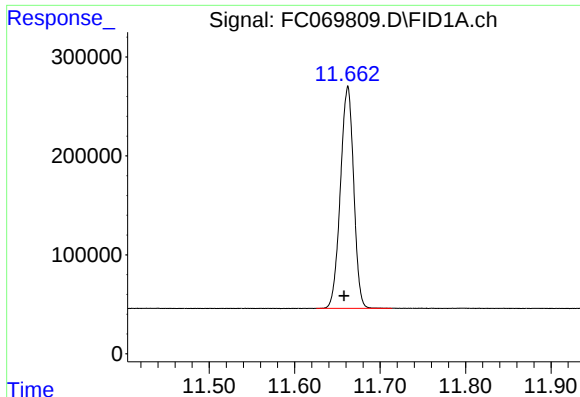
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 2392209
Conc: 18.52 ug/ml



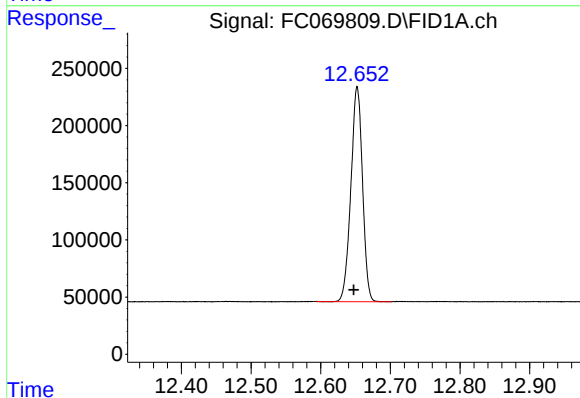
#8 n-Octadecane (C18)

R.T.: 11.340 min
Delta R.T.: 0.004 min
Response: 2338733
Conc: 18.65 ug/ml



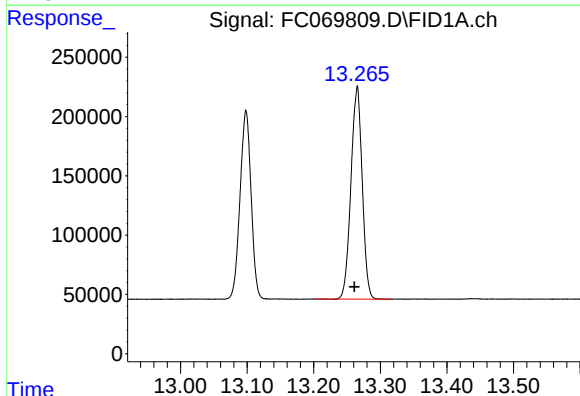
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: 0.004 min
Response: 2420466
Conc: 18.69 ug/ml



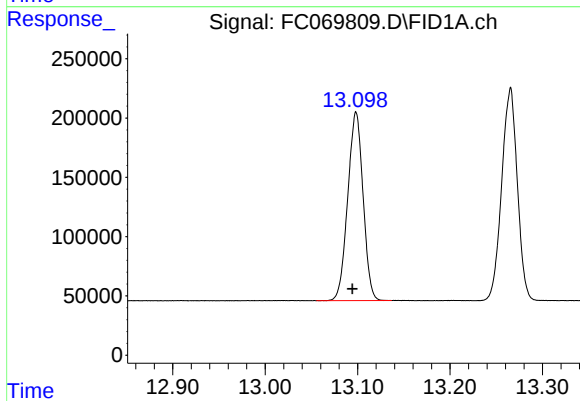
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: 0.005 min
Response: 2180169
Conc: 18.78 ug/ml



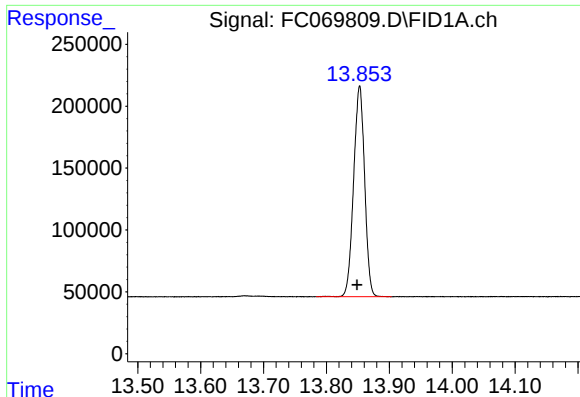
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: 0.004 min
Response: 2109304
Conc: 18.86 ug/ml



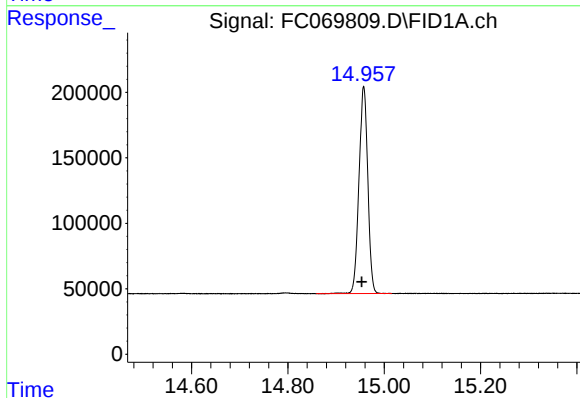
#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min
Delta R.T.: 0.004 min
Response: 1831853
Conc: 19.14 ug/ml



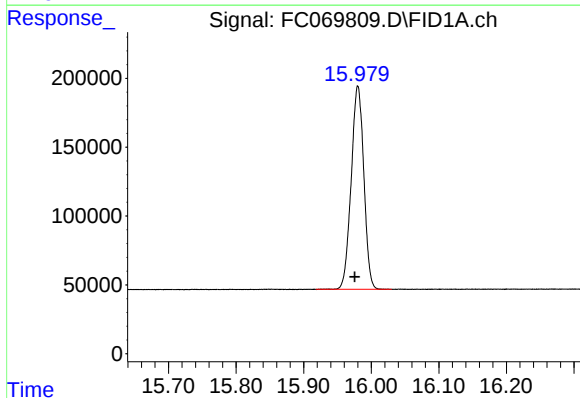
#13 n-Docosane (C22)

R.T.: 13.853 min
Delta R.T.: 0.004 min
Response: 2070467
Conc: 18.97 ug/ml



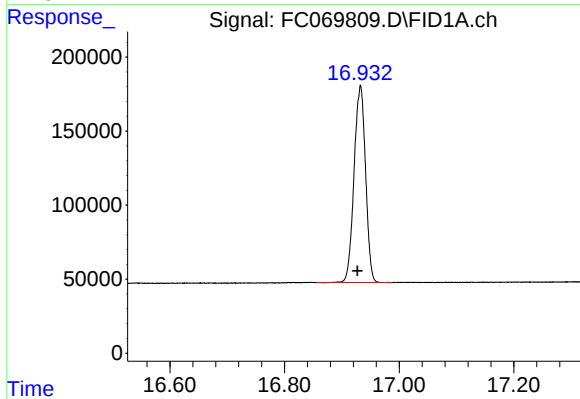
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: 0.004 min
Response: 2012713
Conc: 19.19 ug/ml



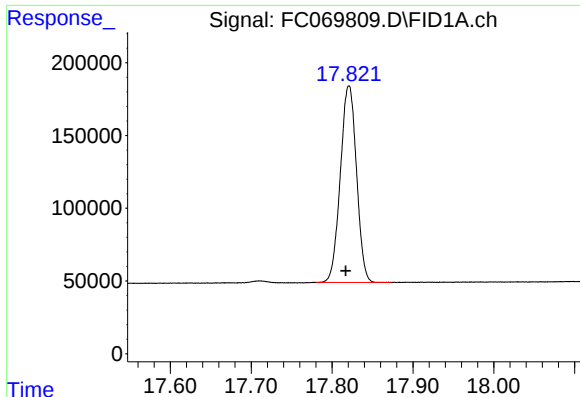
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: 0.005 min
Response: 1917613
Conc: 19.13 ug/ml



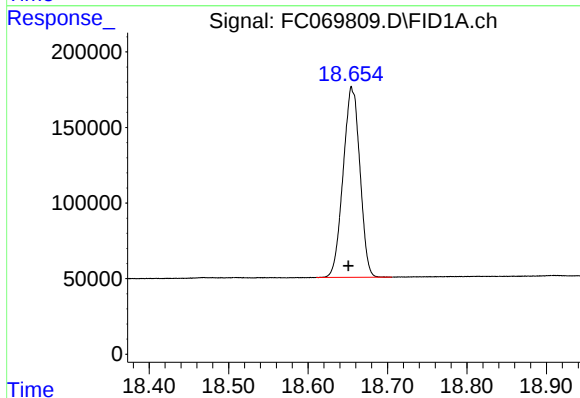
#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: 0.005 min
Response: 1851113
Conc: 19.23 ug/ml



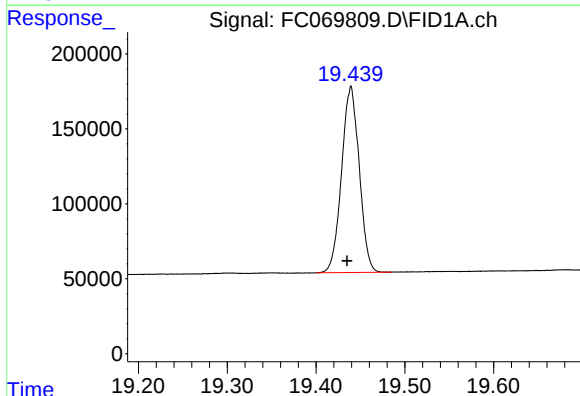
#17 n-Tricontane (C30)

R.T.: 17.821 min
Delta R.T.: 0.004 min
Response: 1877436
Conc: 19.52 ug/ml



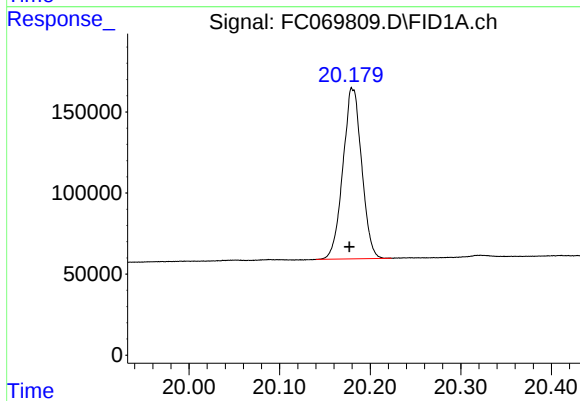
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: 0.005 min
Response: 1846121
Conc: 19.82 ug/ml



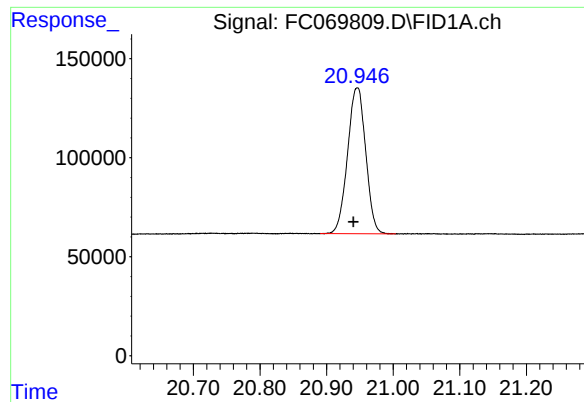
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: 0.004 min
Response: 1714598
Conc: 19.87 ug/ml



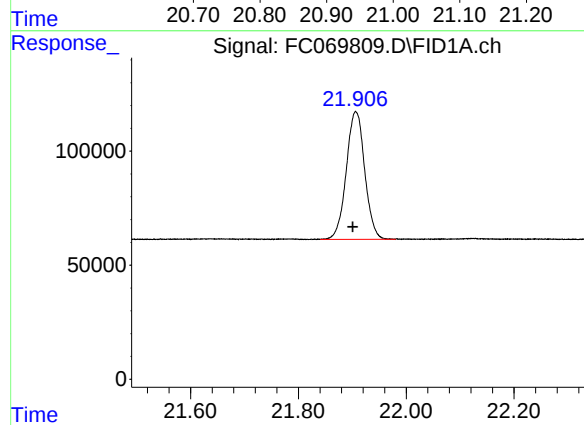
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: 0.004 min
Response: 1512076
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: 0.006 min
Response: 1394925
Conc: 19.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: 0.006 min
Response: 1330119
Conc: 20.02 ug/ml