

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021324AL\
 Data File : FG013509.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 17:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 01:33:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:40:01 2024
 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)	11.967	2908352	20.217 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
12) S 1-chlorooctadecane (S...	13.409	2228015	20.422 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T n-Nonane (C9)	3.326	2625785	20.308 ug/ml
2) T n-Decane (C10)	4.581	2677671	20.250 ug/ml
3) T A~Naphthalene (C11.7)	6.286	2925708	20.197 ug/ml
4) T n-Dodecane (C12)	6.752	2703284	20.181 ug/ml
5) T A~2-methylnaphthalene...	7.385	2832184	20.185 ug/ml
6) T n-Tetradecane (C14)	8.585	2681144	20.135 ug/ml
7) T n-Hexadecane (C16)	10.199	2770705	20.162 ug/ml
8) T n-Octadecane (C18)	11.648	2800086	20.229 ug/ml
10) T n-Eicosane (C20)	12.963	2687694	20.329 ug/ml
11) T n-Heneicosane (C21)	13.578	2638000	20.358 ug/ml
13) T n-Docosane (C22)	14.166	2619328	20.409 ug/ml
14) T n-Tetracosane (C24)	15.274	2588048	20.543 ug/ml
15) T n-Hexacosane (C26)	16.299	2523314	20.674 ug/ml
16) T n-Octacosane (C28)	17.253	2439868	20.756 ug/ml
17) T n-Tricontane (C30)	18.144	2444219	20.832 ug/ml
18) T n-Dotriacontane (C32)	18.980	2360176	20.854 ug/ml
19) T n-Tetratriacontane (C34)	19.768	2261096	20.810 ug/ml
20) T n-Hexatriacontane (C36)	20.510	2165479	20.827 ug/ml
21) T n-Octatriacontane (C38)	21.265	2151235	20.798 ug/ml
22) T n-Tetracontane (C40)	22.213	2157191	21.122 ug/ml

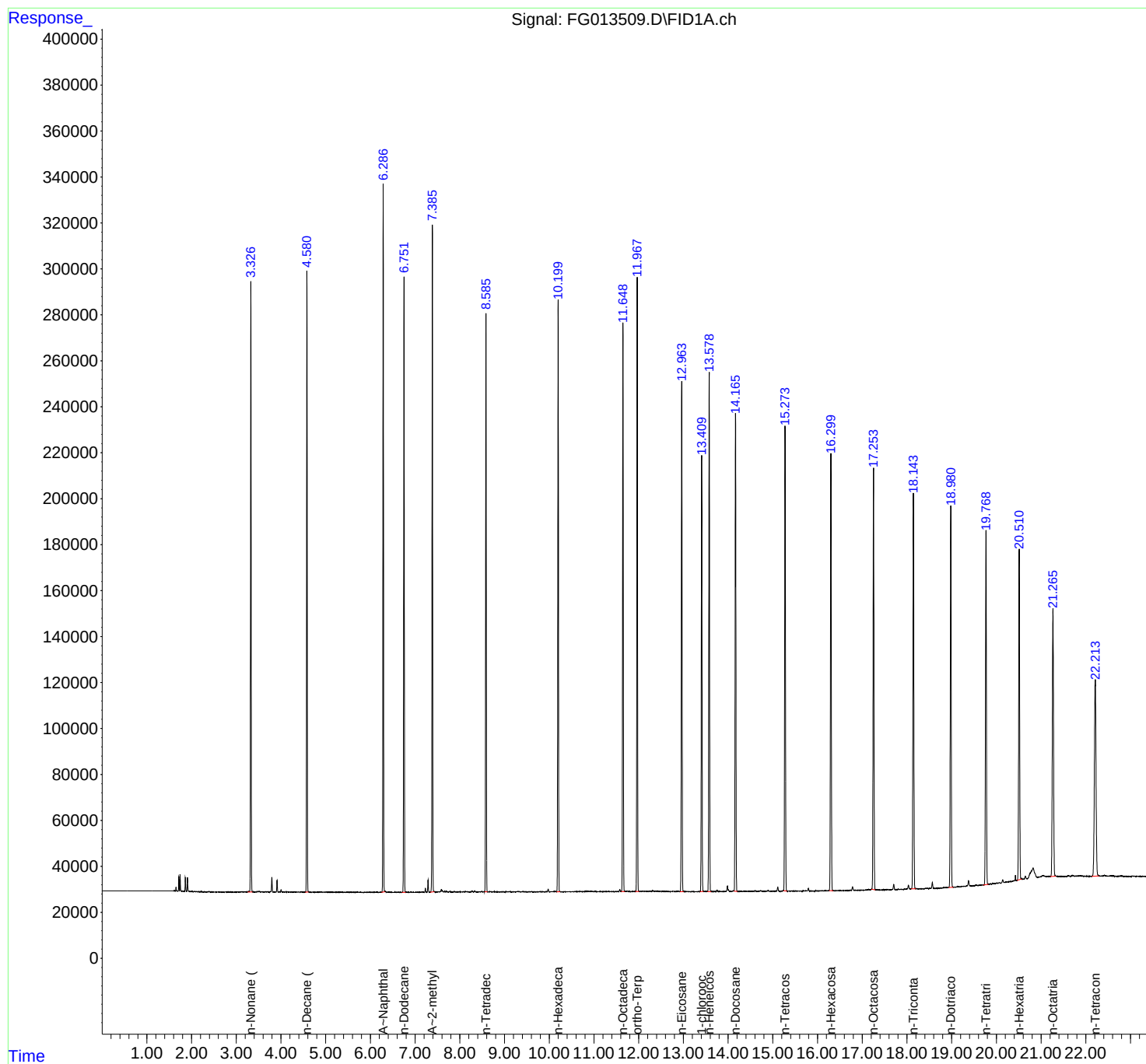
(f)=RT Delta > 1/2 Window

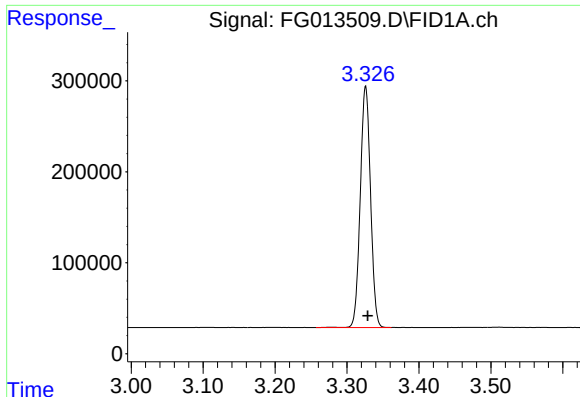
(m)=manual int.

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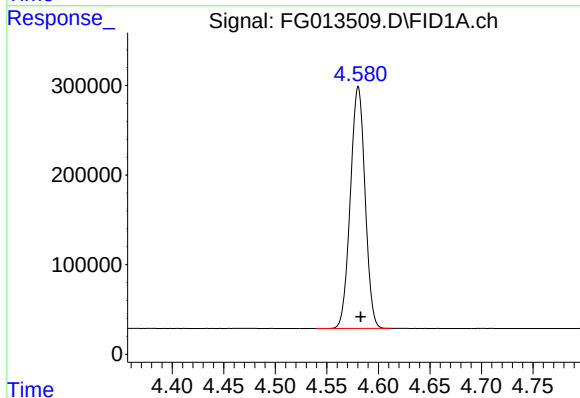
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Signal Info : 20M x 0.18mm x 0.18um





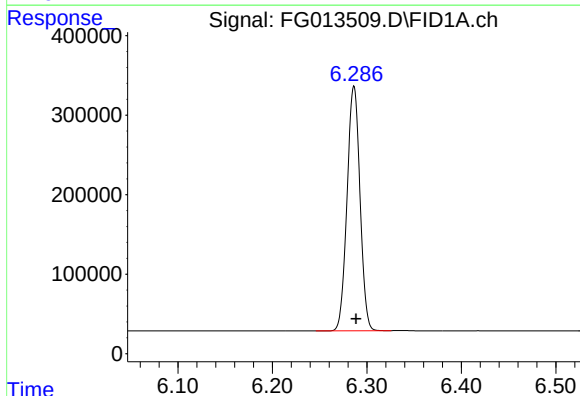
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.003 min
Response: 2625785
Conc: 20.31 ug/ml



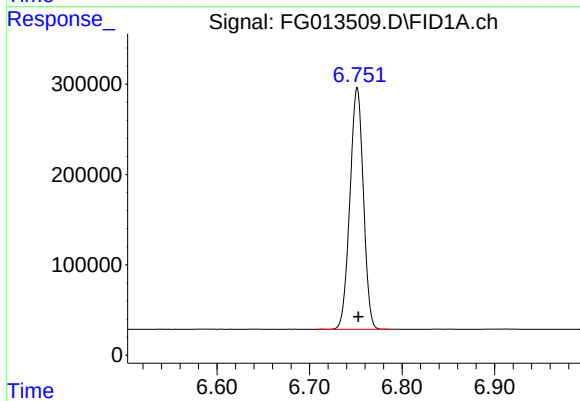
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 2677671
Conc: 20.25 ug/ml



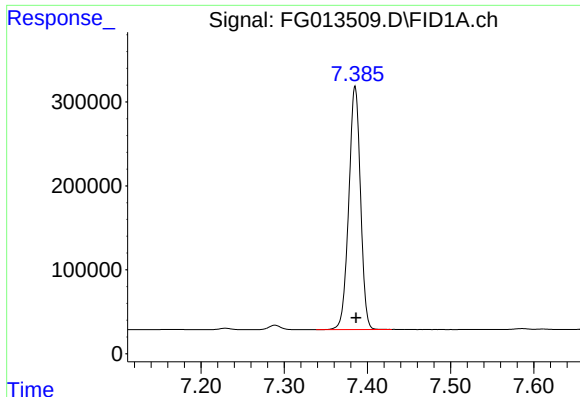
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: -0.002 min
Response: 2925708
Conc: 20.20 ug/ml



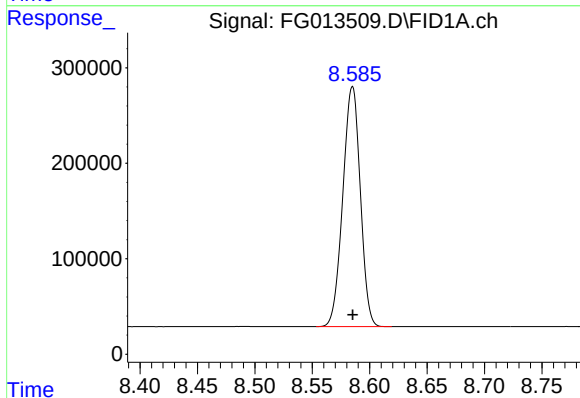
#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 2703284
Conc: 20.18 ug/ml



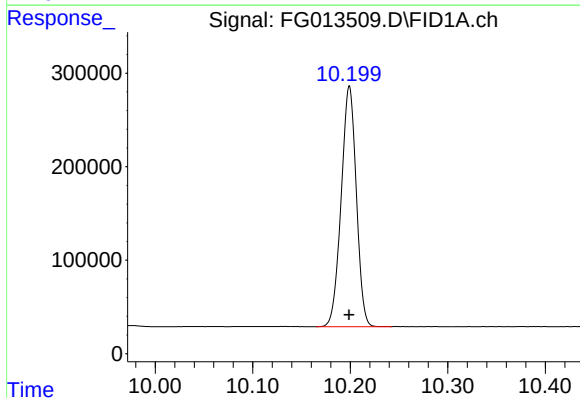
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: -0.001 min
Response: 2832184
Conc: 20.19 ug/ml



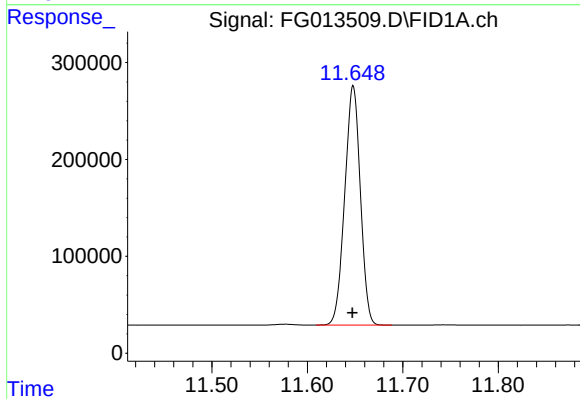
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 2681144
Conc: 20.13 ug/ml



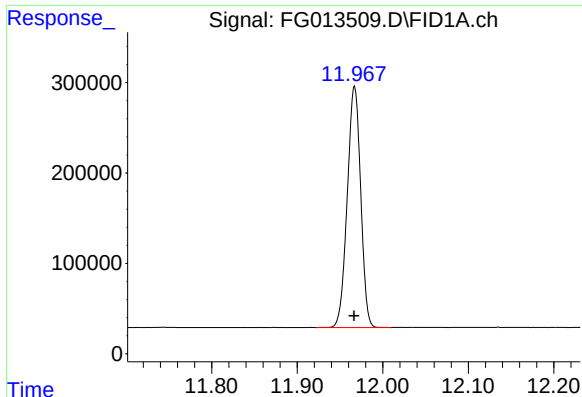
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: 0.000 min
Response: 2770705
Conc: 20.16 ug/ml



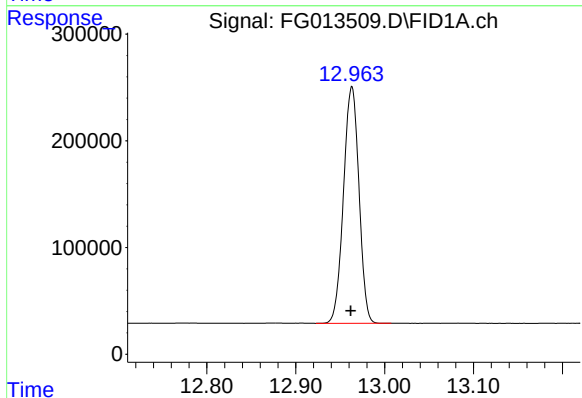
#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 2800086
Conc: 20.23 ug/ml



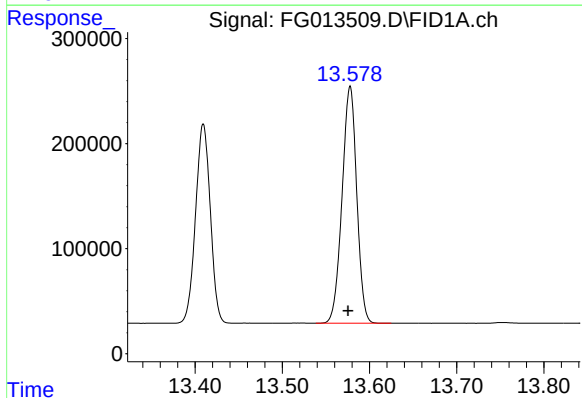
#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: 0.000 min
Response: 2908352
Conc: 20.22 ug/ml



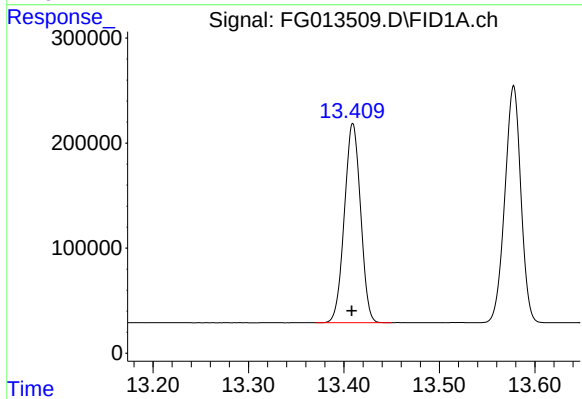
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.001 min
Response: 2687694
Conc: 20.33 ug/ml



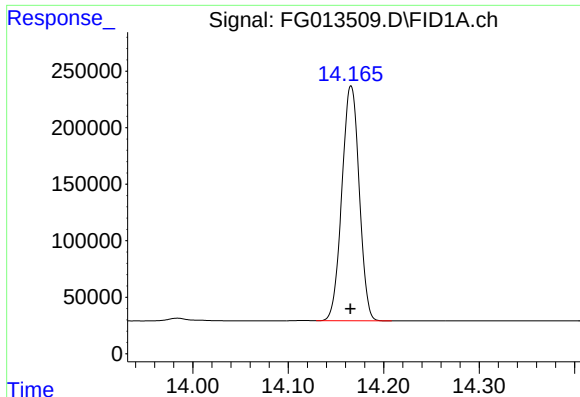
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.002 min
Response: 2638000
Conc: 20.36 ug/ml



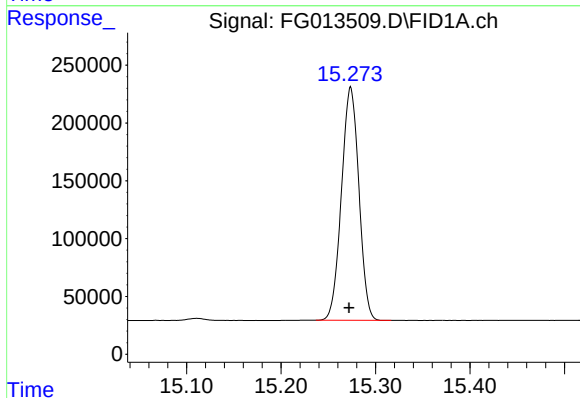
#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.001 min
Response: 2228015
Conc: 20.42 ug/ml



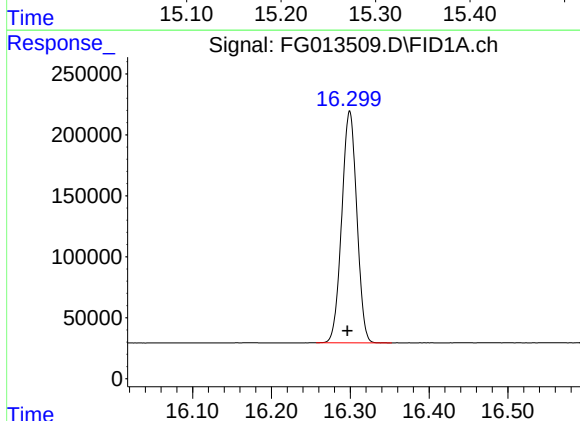
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 2619328
Conc: 20.41 ug/ml



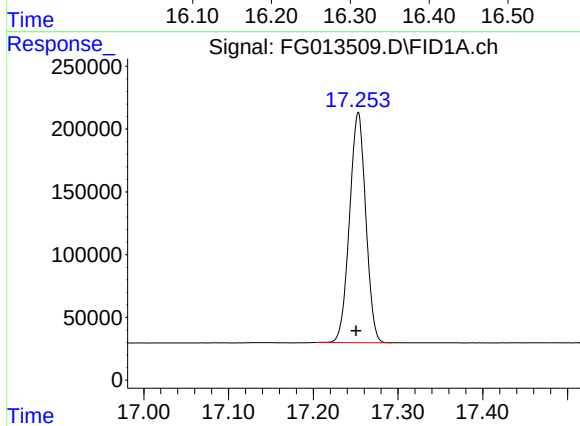
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.002 min
Response: 2588048
Conc: 20.54 ug/ml



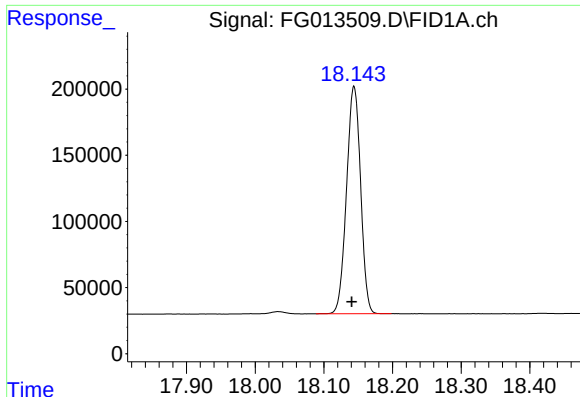
#15 n-Hexacosane (C26)

R.T.: 16.299 min
Delta R.T.: 0.003 min
Response: 2523314
Conc: 20.67 ug/ml



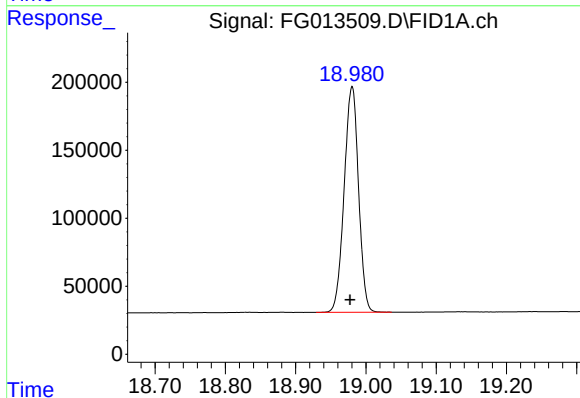
#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: 0.003 min
Response: 2439868
Conc: 20.76 ug/ml



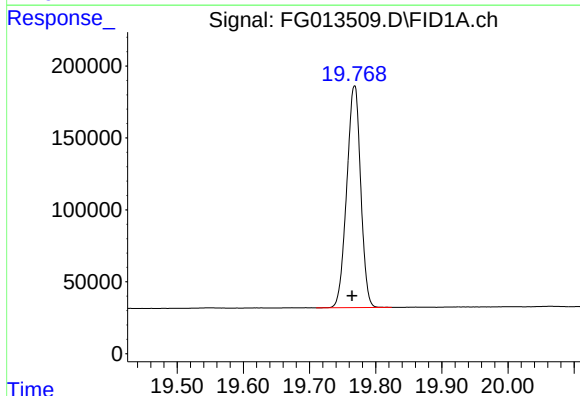
#17 n-Tricontane (C30)

R.T.: 18.144 min
Delta R.T.: 0.003 min
Response: 2444219
Conc: 20.83 ug/ml



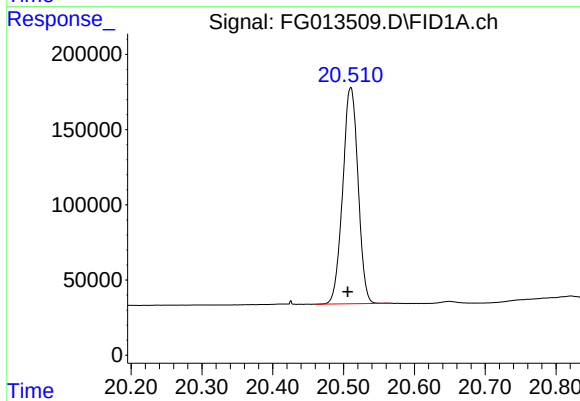
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.003 min
Response: 2360176
Conc: 20.85 ug/ml



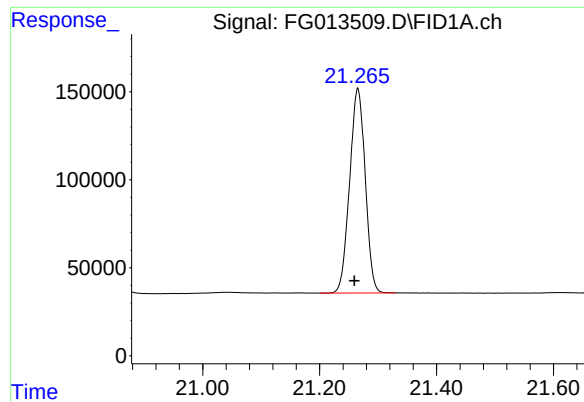
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.004 min
Response: 2261096
Conc: 20.81 ug/ml



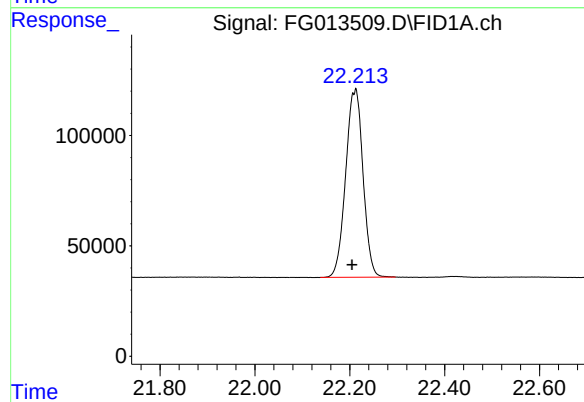
#20 n-Hexatriacontane (C36)

R.T.: 20.510 min
Delta R.T.: 0.004 min
Response: 2165479
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.265 min
Delta R.T.: 0.006 min
Response: 2151235
Conc: 20.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.213 min
Delta R.T.: 0.008 min
Response: 2157191
Conc: 21.12 ug/ml