

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032624AL\
 Data File : FE047325.D
 Signal(s) : FID1B.ch
 Acq On : 26 Mar 2024 12:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 26 12:46:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.985	2952588	18.854 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.418	2294612	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	3.368	2822510	19.328 ug/ml
2) T n-Decane (C10)	4.620	2879976	19.320 ug/ml
3) T A~Naphthalene (C11.7)	6.327	2974104	19.170 ug/ml
4) T n-Dodecane (C12)	6.784	2874762	19.222 ug/ml
5) T A~2-methylnaphthalene...	7.422	2855802	19.083 ug/ml
6) T n-Tetradecane (C14)	8.612	2820797	19.125 ug/ml
7) T n-Hexadecane (C16)	10.219	2881132	19.035 ug/ml
8) T n-Octadecane (C18)	11.663	2882635	18.973 ug/ml
10) T n-Eicosane (C20)	12.971	2764120	18.998 ug/ml
11) T n-Heneicosane (C21)	13.584	2709499	18.958 ug/ml
13) T n-Docosane (C22)	14.169	2717228	19.142 ug/ml
14) T n-Tetracosane (C24)	15.271	2763467	19.603 ug/ml
15) T n-Hexacosane (C26)	16.290	2758526	19.838 ug/ml
16) T n-Octacosane (C28)	17.238	2757308	20.179 ug/ml
17) T n-Tricontane (C30)	18.126	2845370	20.493 ug/ml
18) T n-Dotriacontane (C32)	18.956	2822007	20.458 ug/ml
19) T n-Tetratriacontane (C34)	19.738	2724134	19.877 ug/ml
20) T n-Hexatriacontane (C36)	20.476	2705637	19.812 ug/ml
21) T n-Octatriacontane (C38)	21.221	2738091	19.753 ug/ml
22) T n-Tetracontane (C40)	22.152	2715099	18.952 ug/ml

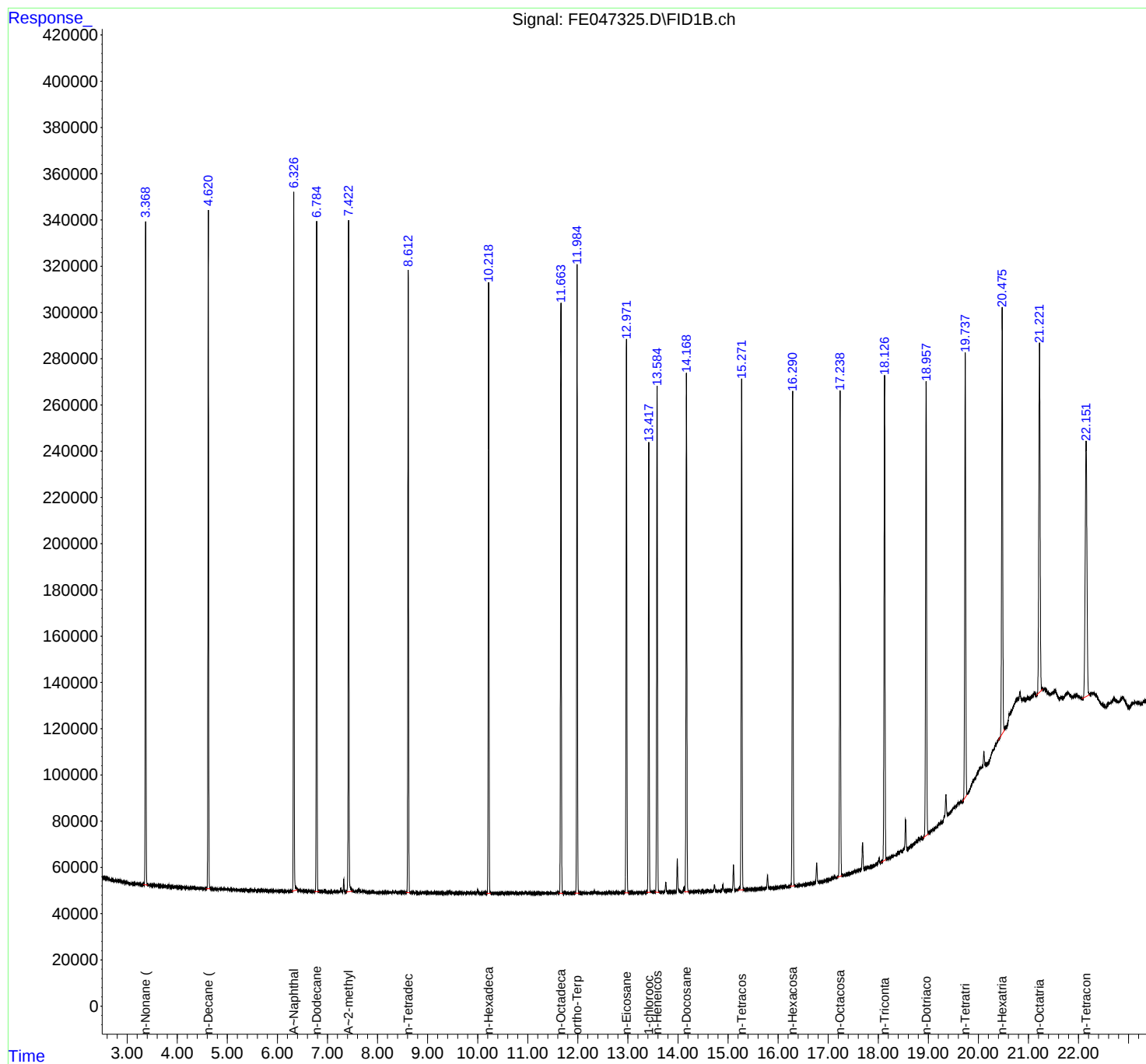
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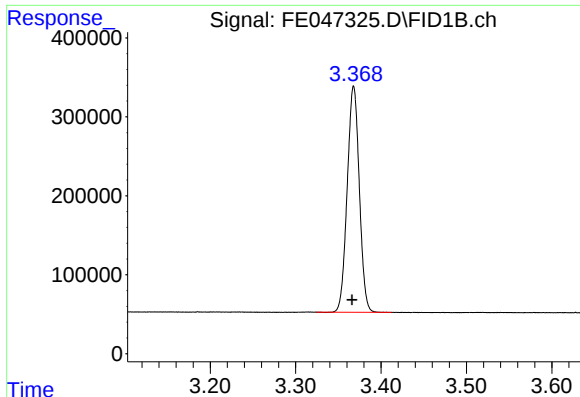
(m)=manual int.

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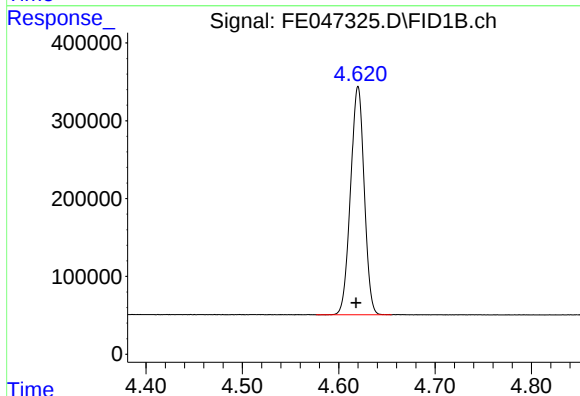
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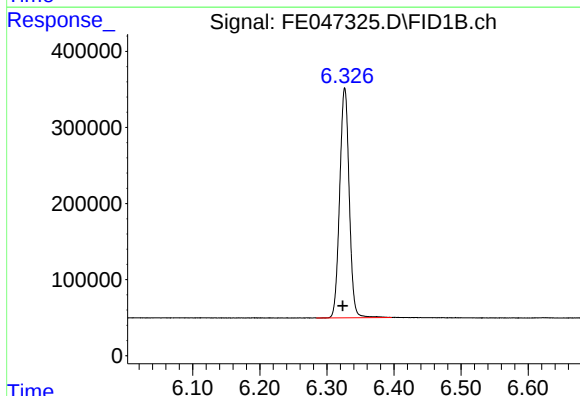
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: 0.002 min
Response: 2822510
Conc: 19.33 ug/ml



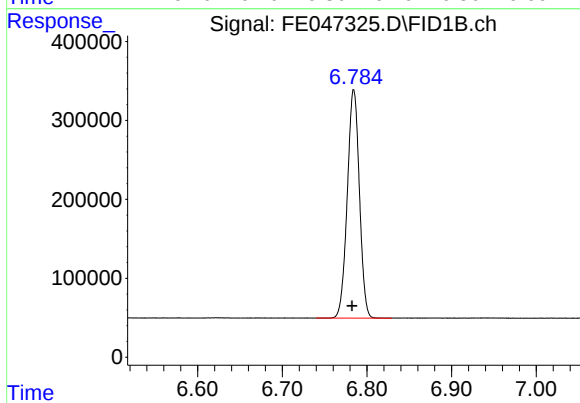
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 2879976
Conc: 19.32 ug/ml



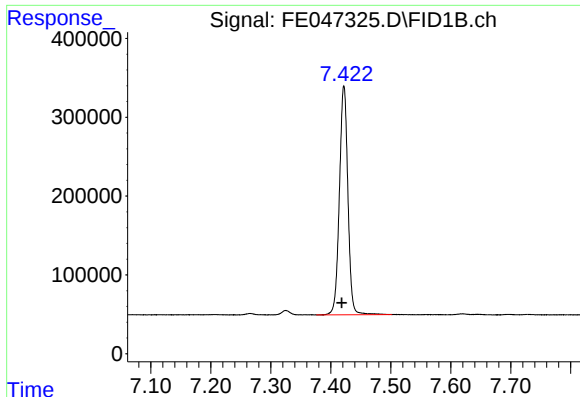
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 2974104
Conc: 19.17 ug/ml



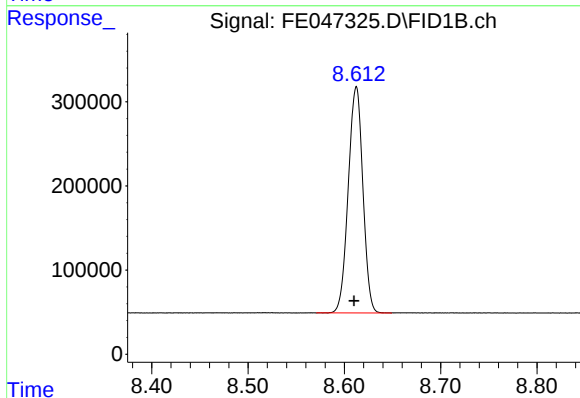
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 2874762
Conc: 19.22 ug/ml



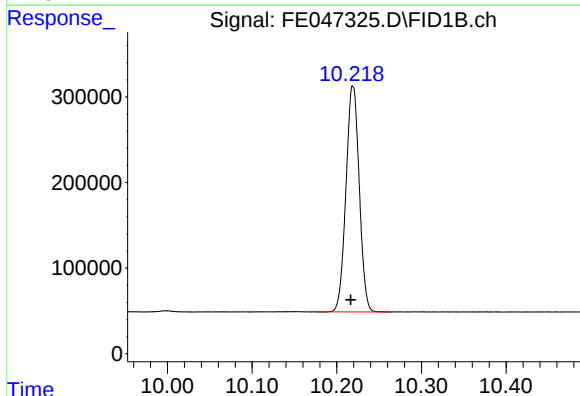
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min
Delta R.T.: 0.003 min
Response: 2855802
Conc: 19.08 ug/ml



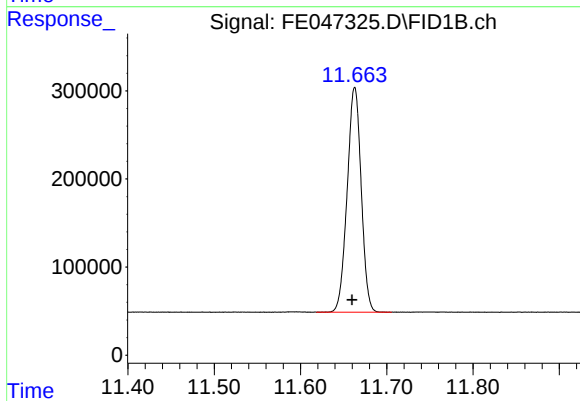
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.002 min
Response: 2820797
Conc: 19.12 ug/ml



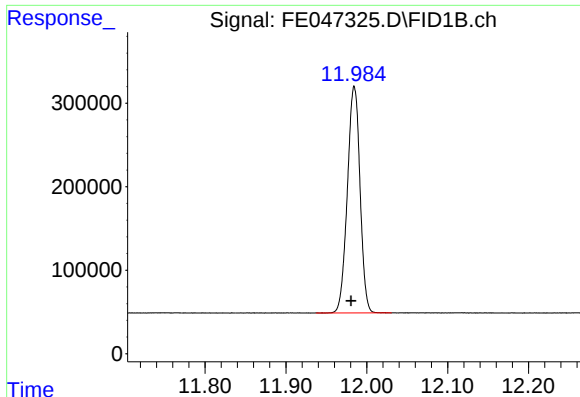
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.003 min
Response: 2881132
Conc: 19.04 ug/ml



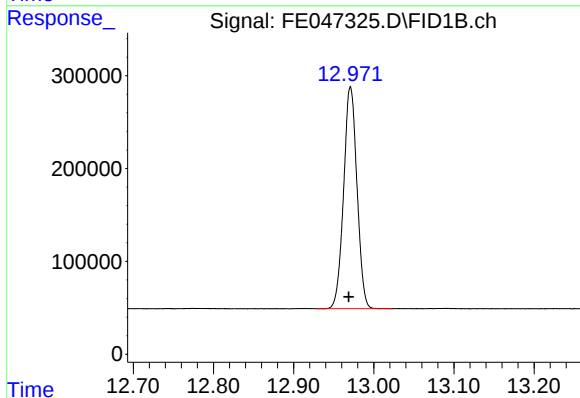
#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.003 min
Response: 2882635
Conc: 18.97 ug/ml



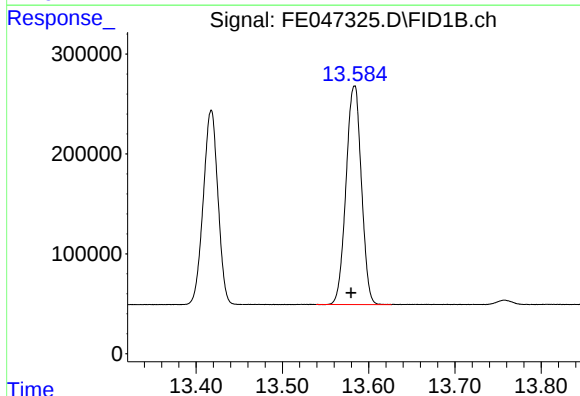
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.004 min
Response: 2952588
Conc: 18.85 ug/ml



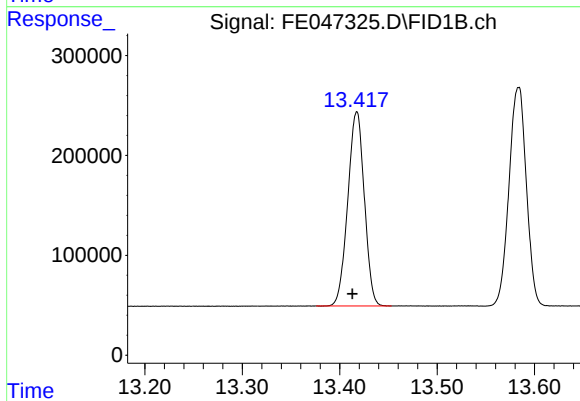
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.002 min
Response: 2764120
Conc: 19.00 ug/ml



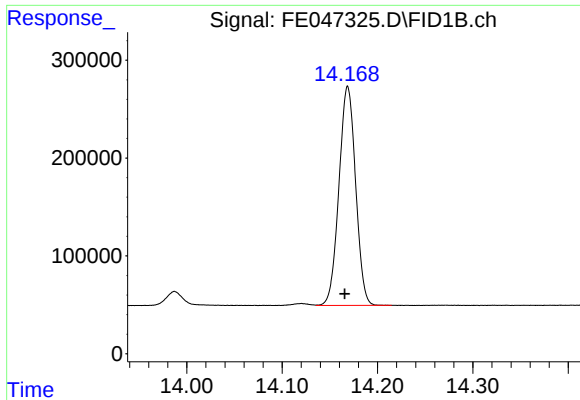
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.004 min
Response: 2709499
Conc: 18.96 ug/ml



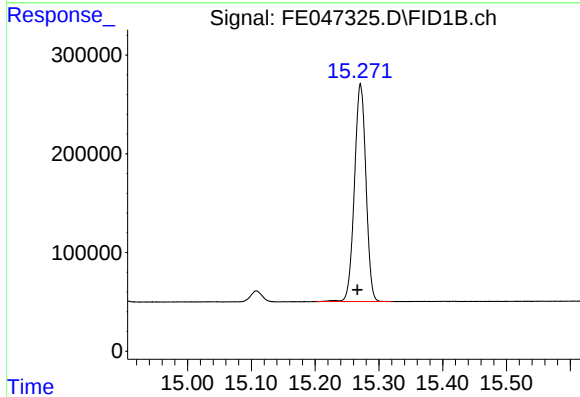
#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min
Delta R.T.: 0.005 min
Response: 2294612
Conc: 18.92 ug/ml



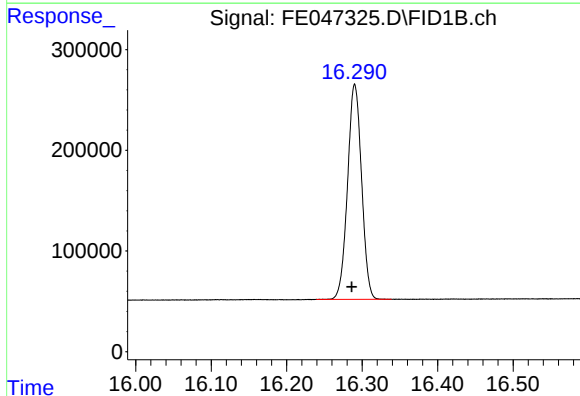
#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: 0.003 min
Response: 2717228
Conc: 19.14 ug/ml



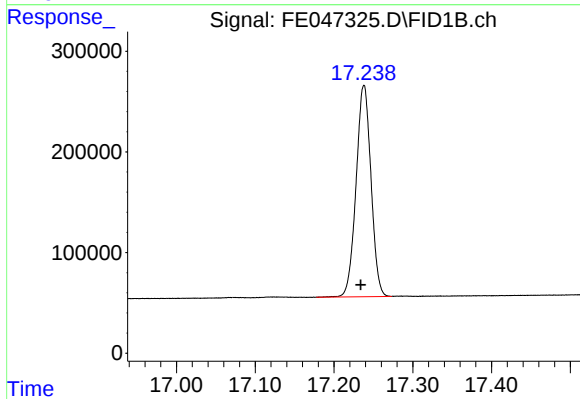
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.005 min
Response: 2763467
Conc: 19.60 ug/ml



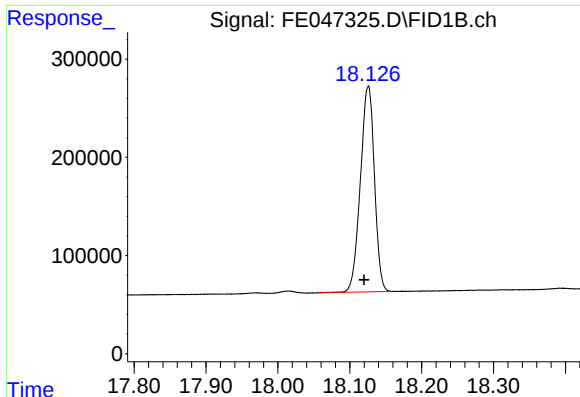
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.004 min
Response: 2758526
Conc: 19.84 ug/ml



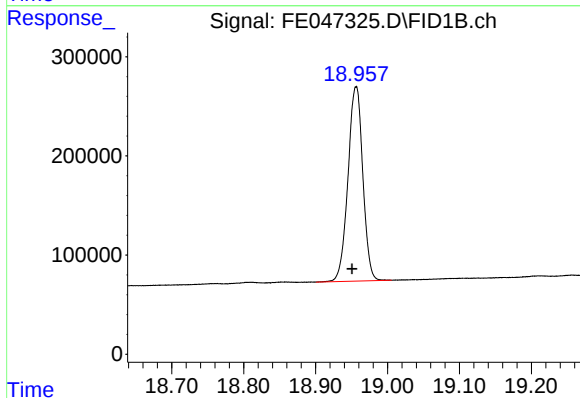
#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: 0.004 min
Response: 2757308
Conc: 20.18 ug/ml



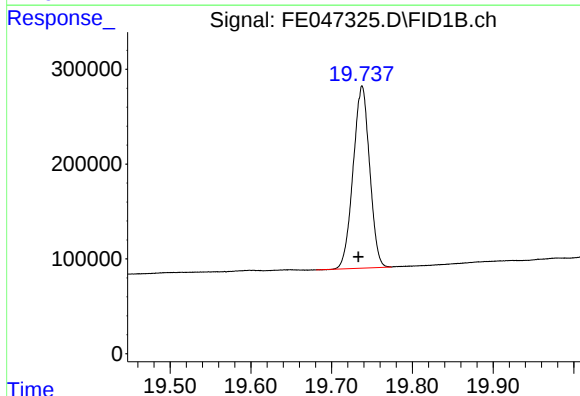
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.006 min
Response: 2845370
Conc: 20.49 ug/ml



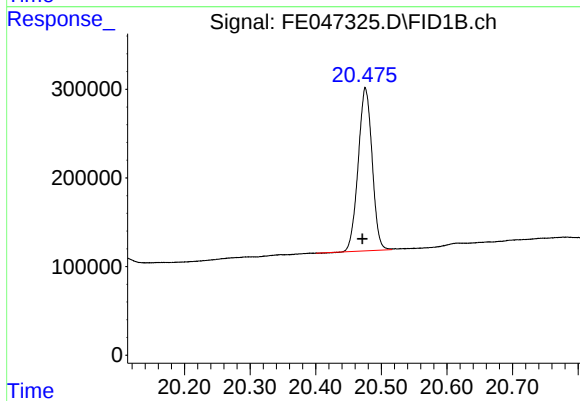
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.006 min
Response: 2822007
Conc: 20.46 ug/ml



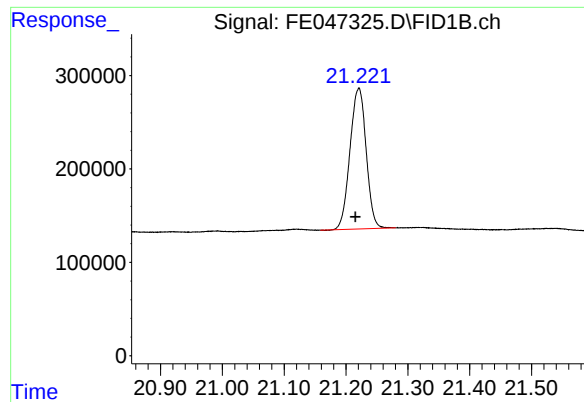
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.005 min
Response: 2724134
Conc: 19.88 ug/ml



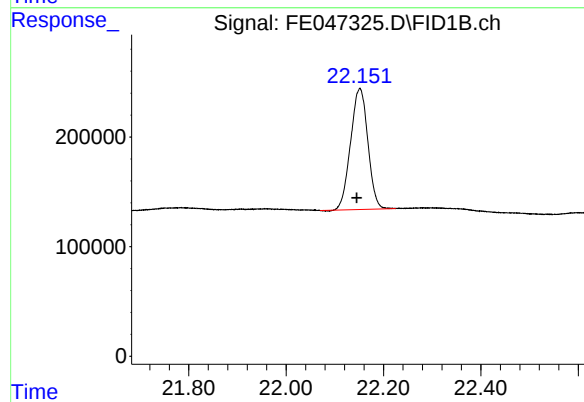
#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: 0.005 min
Response: 2705637
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.005 min
Response: 2738091
Conc: 19.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.006 min
Response: 2715099
Conc: 18.95 ug/ml