

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032024AL\
 Data File : FE047220.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2024 09:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 02:56:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.977	3137804	19.018 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.411	2416013	18.949 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T n-Nonane (C9)	3.365	2829318	18.818 ug/ml
2) T n-Decane (C10)	4.616	2936395	19.153 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3043957	19.092 ug/ml
4) T n-Dodecane (C12)	6.780	2960961	19.243 ug/ml
5) T A~2-methylnaphthalene...	7.414	2948388	19.212 ug/ml
6) T n-Tetradecane (C14)	8.608	2932116	19.244 ug/ml
7) T n-Hexadecane (C16)	10.215	3025595	19.222 ug/ml
8) T n-Octadecane (C18)	11.657	3044744	19.119 ug/ml
10) T n-Eicosane (C20)	12.966	2916437	18.974 ug/ml
11) T n-Heneicosane (C21)	13.578	2858231	18.890 ug/ml
13) T n-Docosane (C22)	14.163	2853066	18.963 ug/ml
14) T n-Tetracosane (C24)	15.264	2858010	19.138 ug/ml
15) T n-Hexacosane (C26)	16.284	2819355	19.354 ug/ml
16) T n-Octacosane (C28)	17.231	2824096	20.015 ug/ml
17) T n-Tricontane (C30)	18.117	2952706	20.887 ug/ml
18) T n-Dotriacontane (C32)	18.948	2930125	21.247 ug/ml
19) T n-Tetratriacontane (C34)	19.729	2788321	21.357 ug/mlm
20) T n-Hexatriacontane (C36)	20.468	2676527	21.485 ug/mlm
21) T n-Octatriacontane (C38)	21.207	2735305	22.028 ug/mlm
22) T n-Tetracontane (C40)	22.136	2612986	22.216 ug/mlm

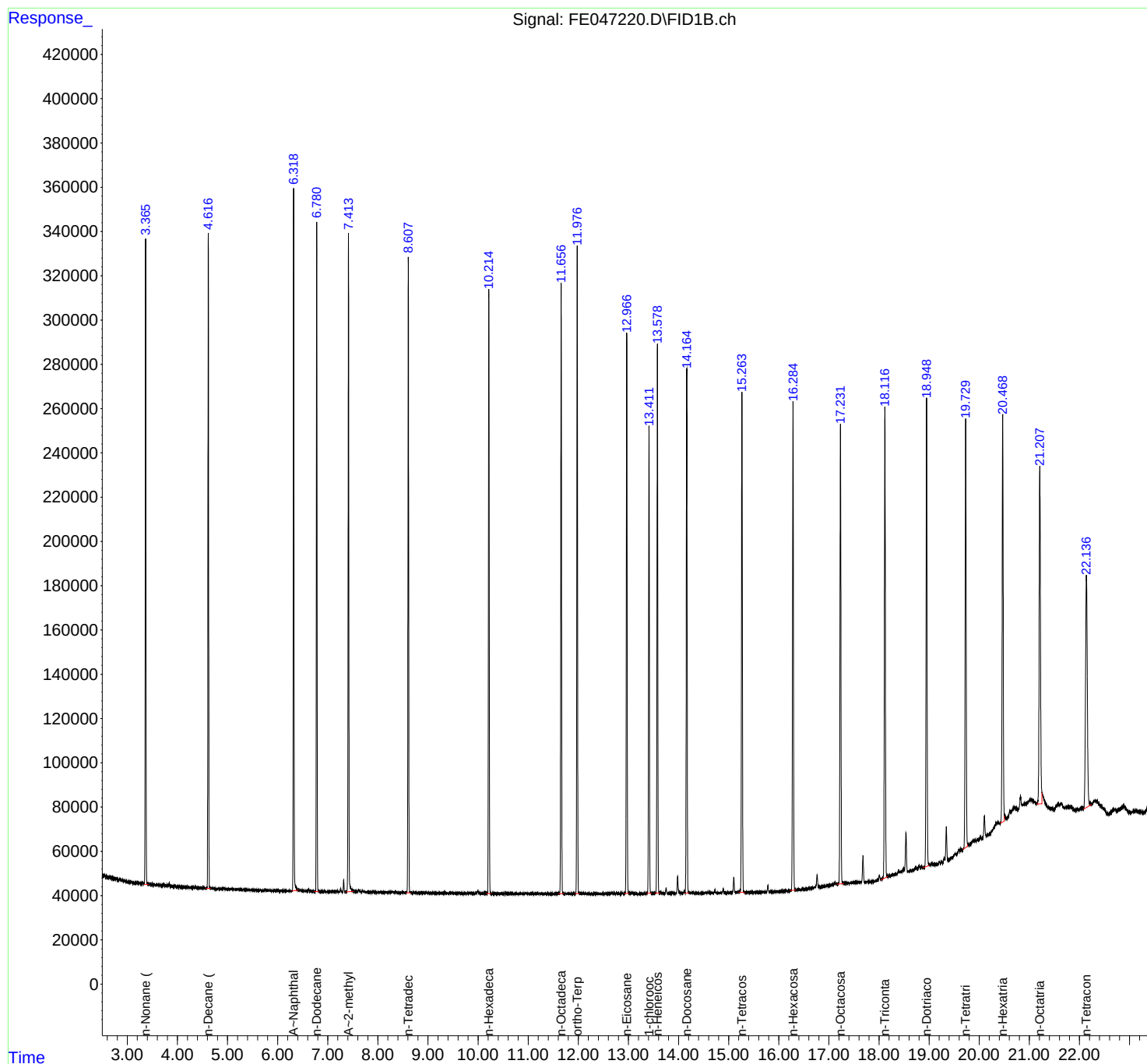
(f)=RT Delta > 1/2 Window

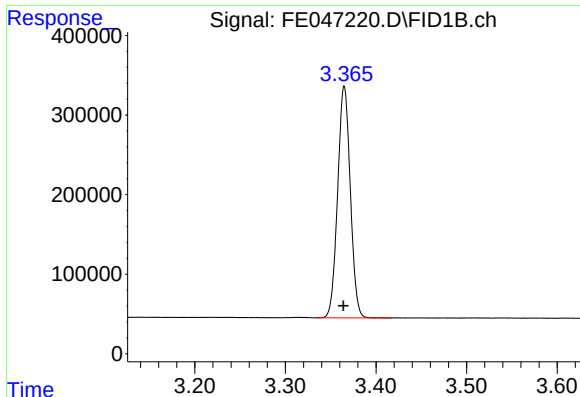
(m)=manual int.

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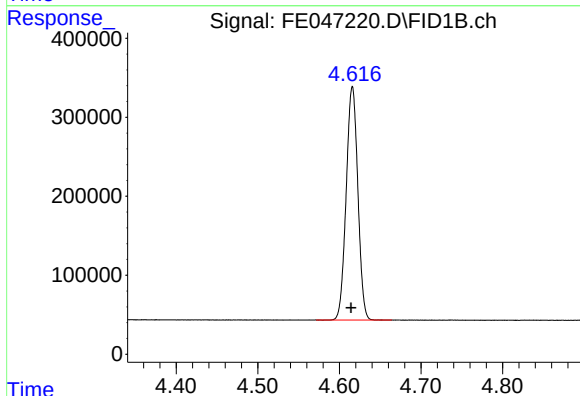
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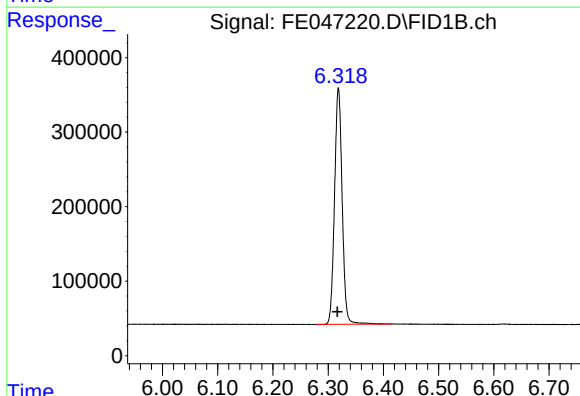
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.001 min
Response: 2829318
Conc: 18.82 ug/ml



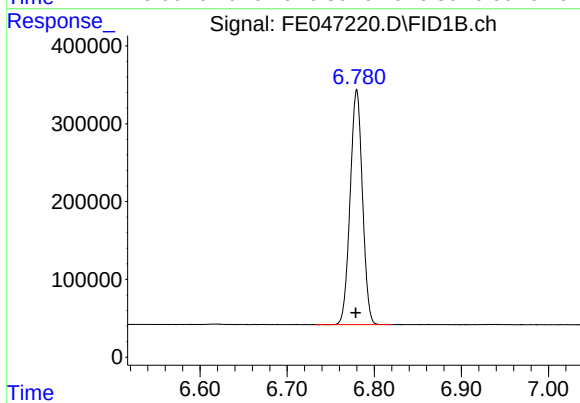
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.001 min
Response: 2936395
Conc: 19.15 ug/ml



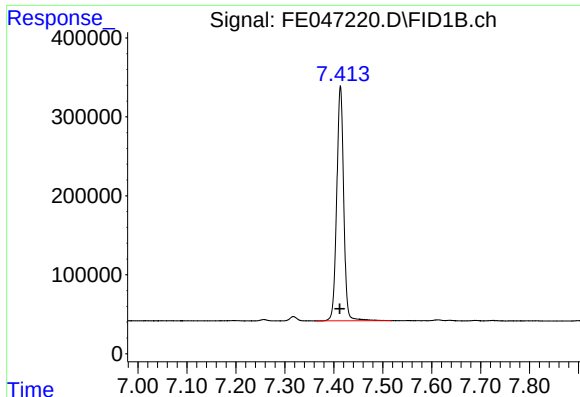
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 3043957
Conc: 19.09 ug/ml



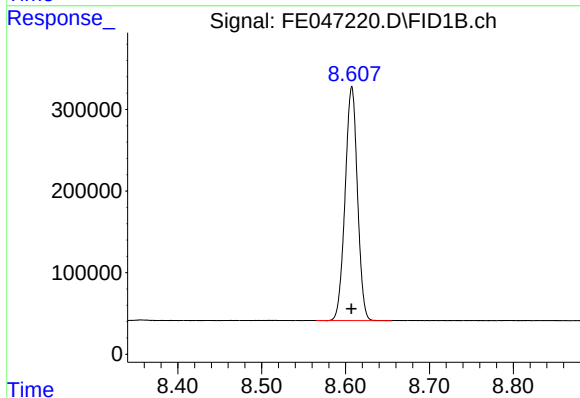
#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 2960961
Conc: 19.24 ug/ml



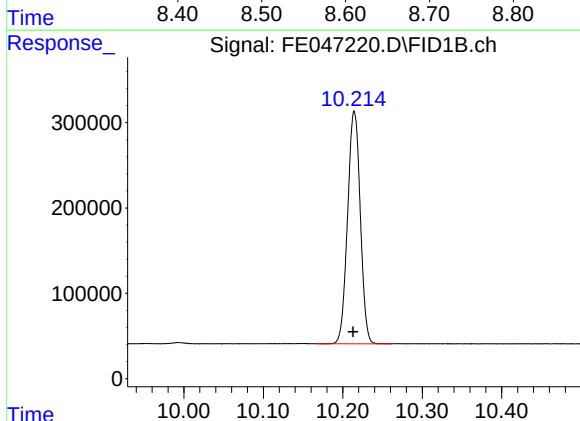
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: 0.002 min
Response: 2948388
Conc: 19.21 ug/ml



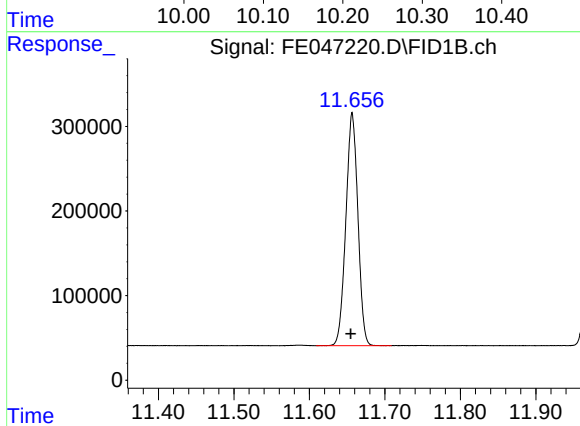
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 2932116
Conc: 19.24 ug/ml



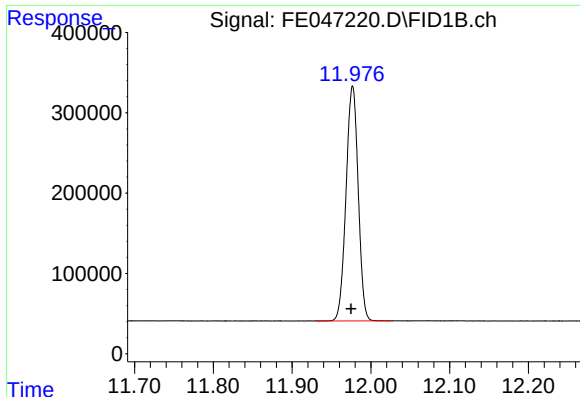
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.002 min
Response: 3025595
Conc: 19.22 ug/ml



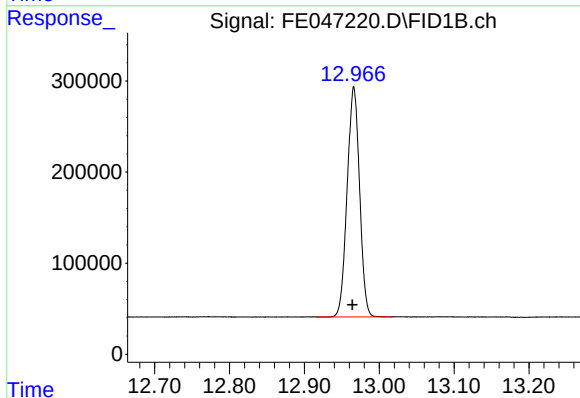
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: 0.002 min
Response: 3044744
Conc: 19.12 ug/ml



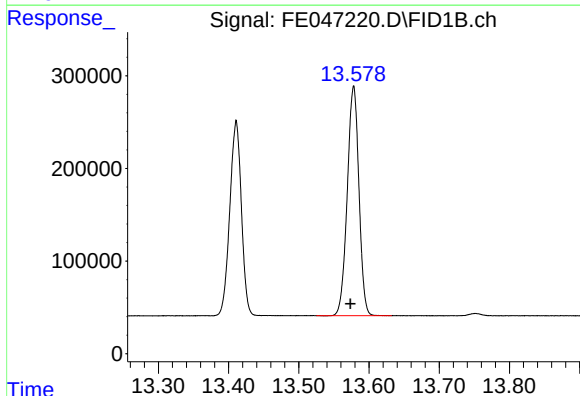
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.002 min
Response: 3137804
Conc: 19.02 ug/ml



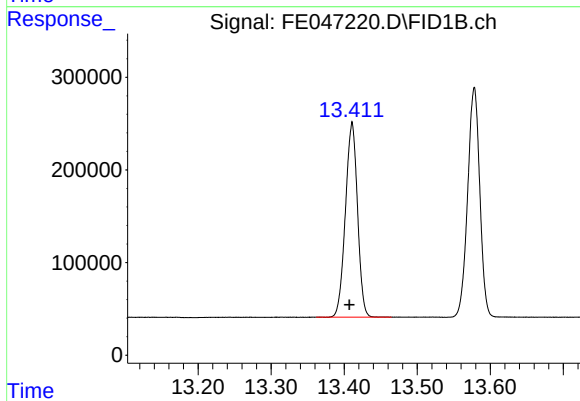
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.002 min
Response: 2916437
Conc: 18.97 ug/ml



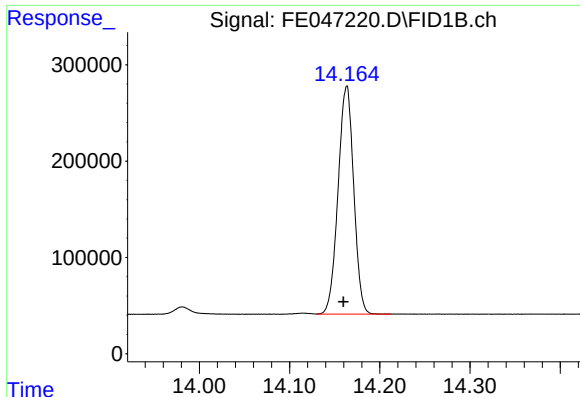
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.004 min
Response: 2858231
Conc: 18.89 ug/ml



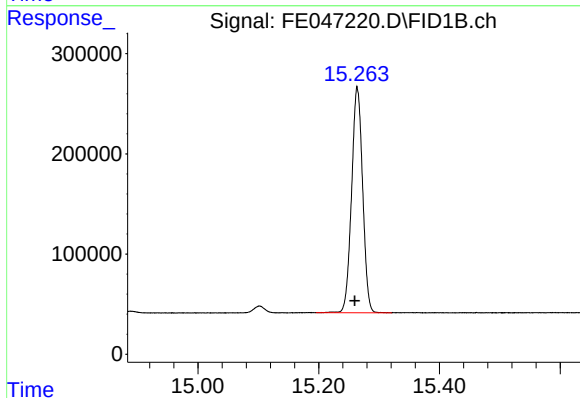
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 2416013
Conc: 18.95 ug/ml



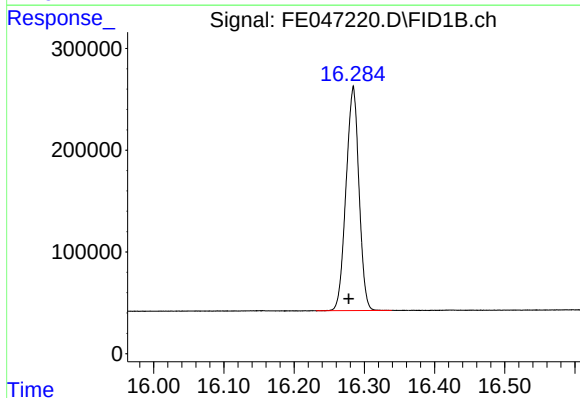
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.004 min
Response: 2853066
Conc: 18.96 ug/ml



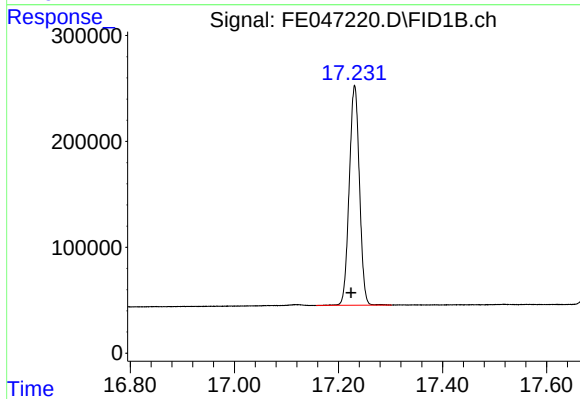
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.004 min
Response: 2858010
Conc: 19.14 ug/ml



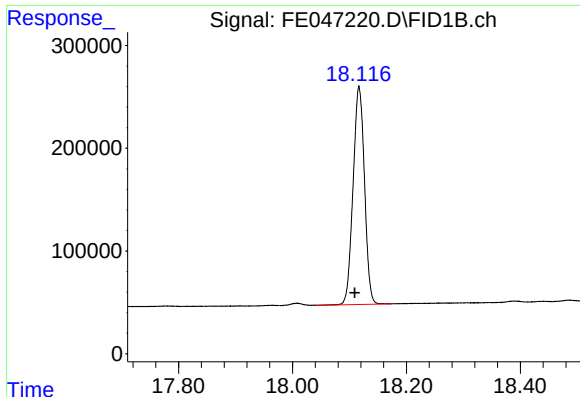
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 2819355
Conc: 19.35 ug/ml



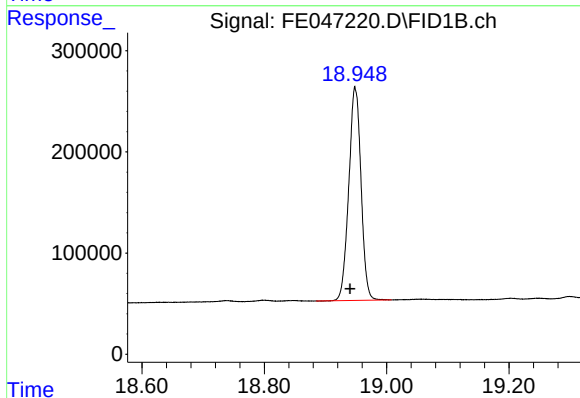
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.007 min
Response: 2824096
Conc: 20.01 ug/ml



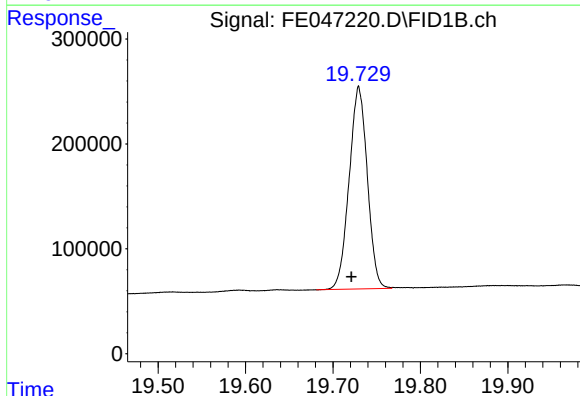
#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: 0.008 min
Response: 2952706
Conc: 20.89 ug/ml



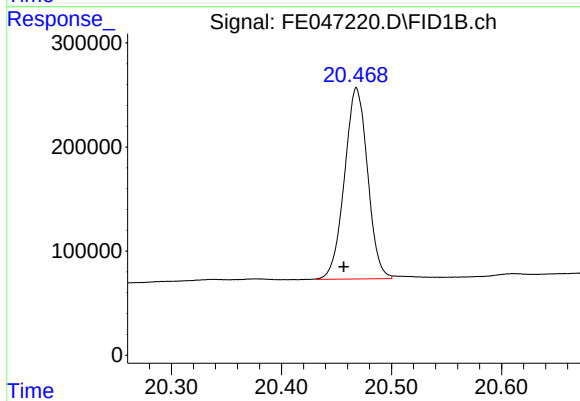
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: 0.008 min
Response: 2930125
Conc: 21.25 ug/ml



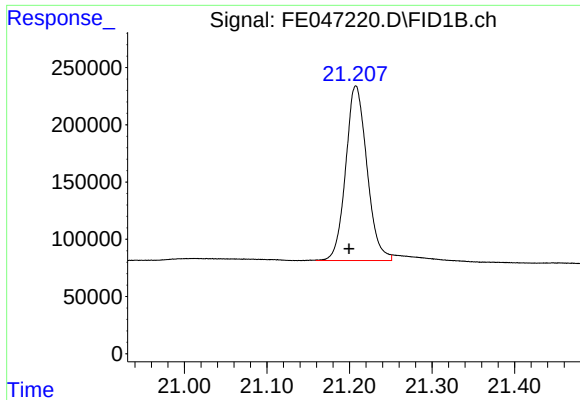
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: 0.008 min
Response: 2788321
Conc: 21.36 ug/ml m



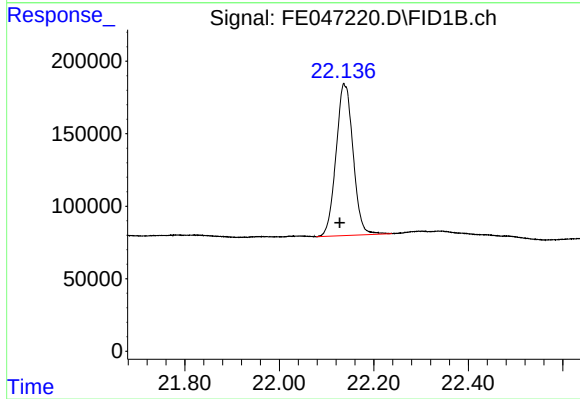
#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: 0.011 min
Response: 2676527
Conc: 21.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.008 min
Response: 2735305
Conc: 22.03 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.008 min
Response: 2612986
Conc: 22.22 ug/ml m