

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031924AL\
 Data File : FE047206.D
 Signal(s) : FID1B.ch
 Acq On : 19 Mar 2024 12:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 01:20:46 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)	11.973	3073066	18.626 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	13.407	2327914	18.258 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
Target Compounds			
1) T n-Nonane (C9)	3.363	2767710	18.409 ug/ml
2) T n-Decane (C10)	4.614	2866738	18.698 ug/ml
3) T A~Naphthalene (C11.7)	6.315	2960408	18.568 ug/ml
4) T n-Dodecane (C12)	6.777	2889029	18.776 ug/ml
5) T A~2-methylnaphthalene...	7.410	2863656	18.659 ug/ml
6) T n-Tetradecane (C14)	8.605	2867620	18.821 ug/ml
7) T n-Hexadecane (C16)	10.212	2960908	18.811 ug/ml
8) T n-Octadecane (C18)	11.654	2985073	18.744 ug/ml
10) T n-Eicosane (C20)	12.962	2850707	18.547 ug/ml
11) T n-Heneicosane (C21)	13.574	2795158	18.473 ug/ml
13) T n-Docosane (C22)	14.159	2785826	18.516 ug/ml
14) T n-Tetracosane (C24)	15.259	2780392	18.618 ug/ml
15) T n-Hexacosane (C26)	16.278	2728193	18.728 ug/ml
16) T n-Octacosane (C28)	17.227	2702742	19.155 ug/ml
17) T n-Tricontane (C30)	18.110	2791518	19.747 ug/ml
18) T n-Dotriacontane (C32)	18.943	2774933	20.122 ug/ml
19) T n-Tetratriacontane (C34)	19.725	2592126	19.854 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2470638	19.832 ug/ml
21) T n-Octatriacontane (C38)	21.203	2356938	18.981 ug/ml
22) T n-Tetracontane (C40)	22.128	2181892	18.550 ug/ml

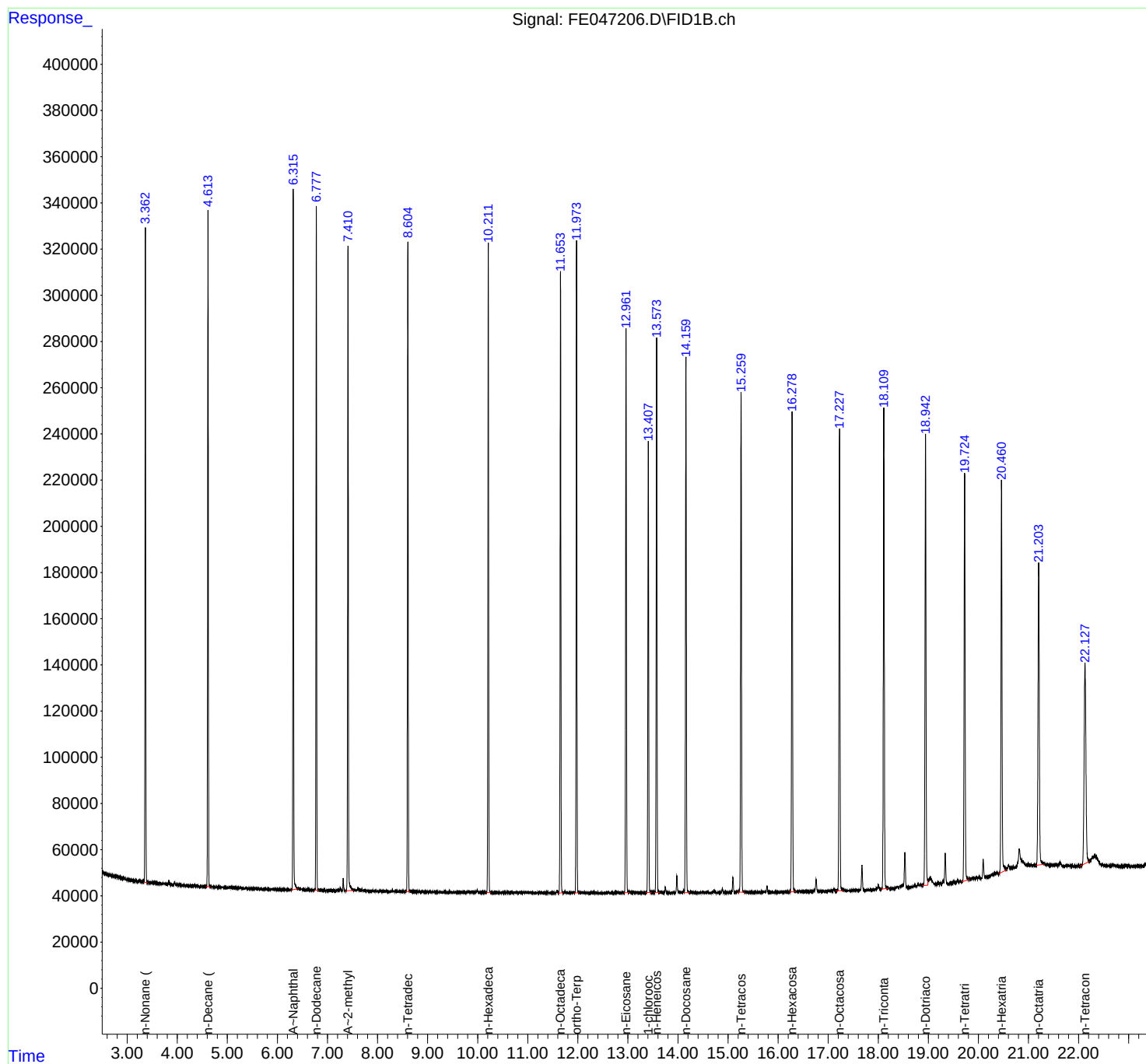
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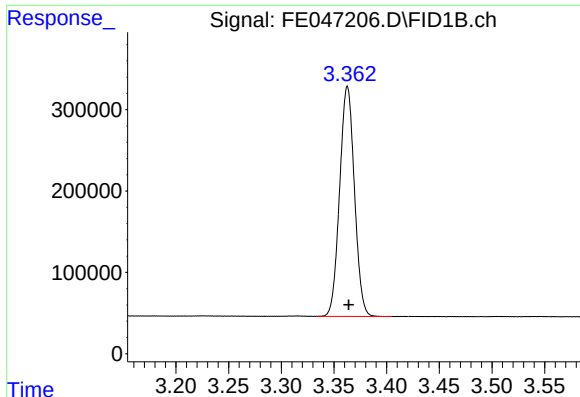
(m)=manual int.

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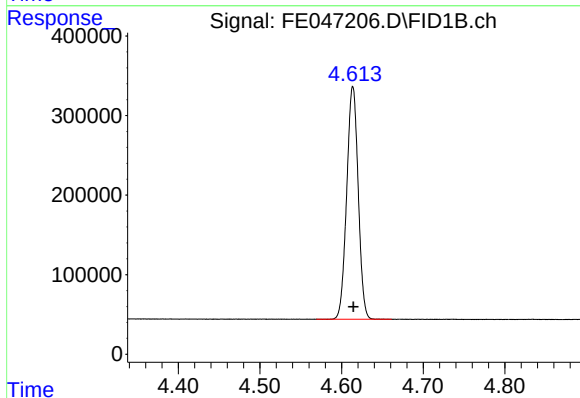
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





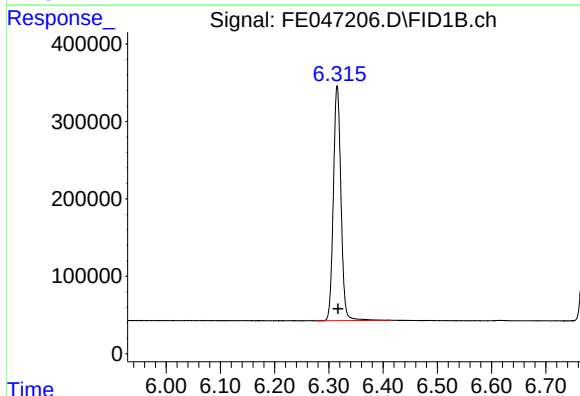
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: -0.001 min
Response: 2767710
Conc: 18.41 ug/ml



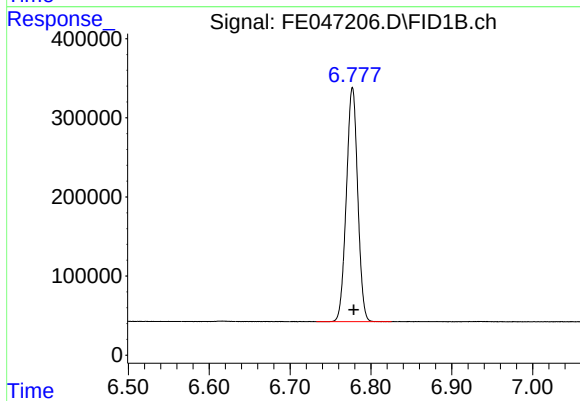
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 2866738
Conc: 18.70 ug/ml



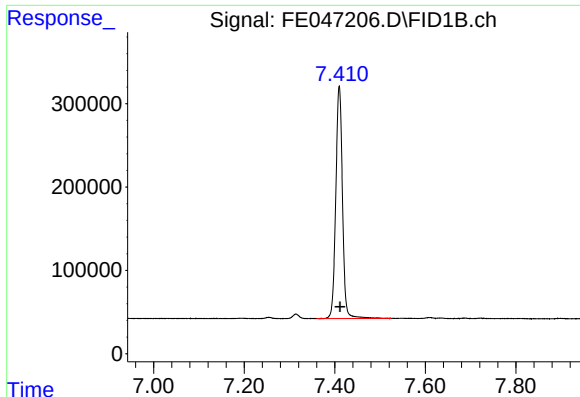
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.002 min
Response: 2960408
Conc: 18.57 ug/ml



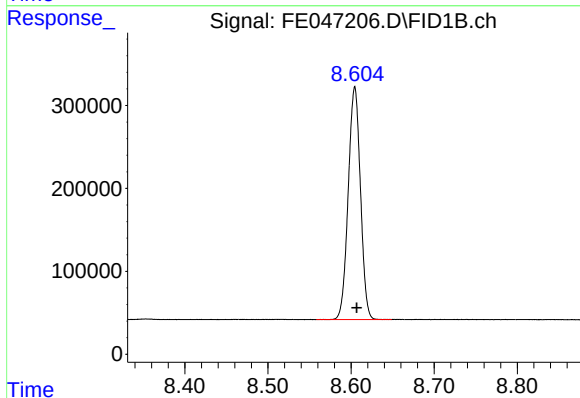
#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 2889029
Conc: 18.78 ug/ml



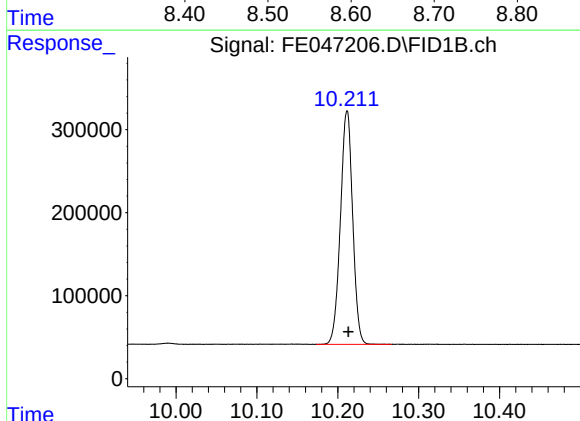
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: -0.002 min
Response: 2863656
Conc: 18.66 ug/ml



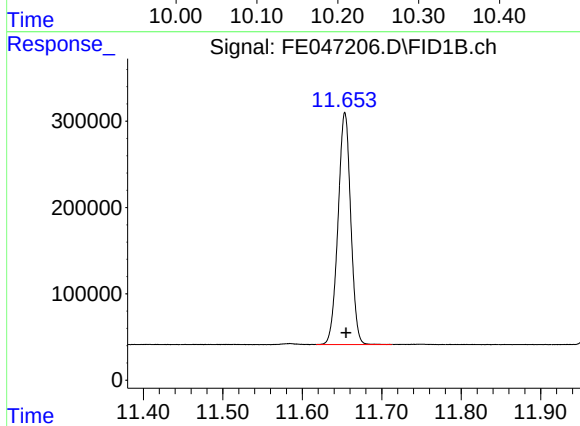
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.002 min
Response: 2867620
Conc: 18.82 ug/ml



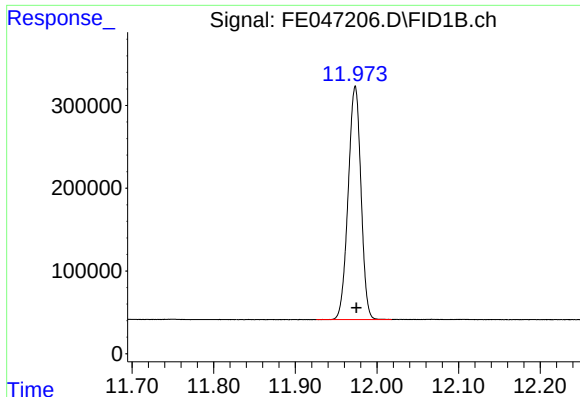
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.001 min
Response: 2960908
Conc: 18.81 ug/ml



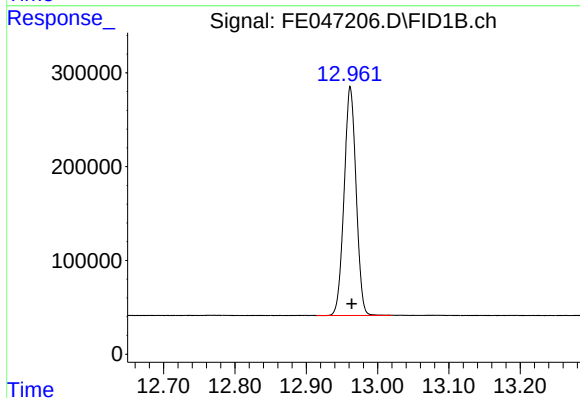
#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: -0.001 min
Response: 2985073
Conc: 18.74 ug/ml



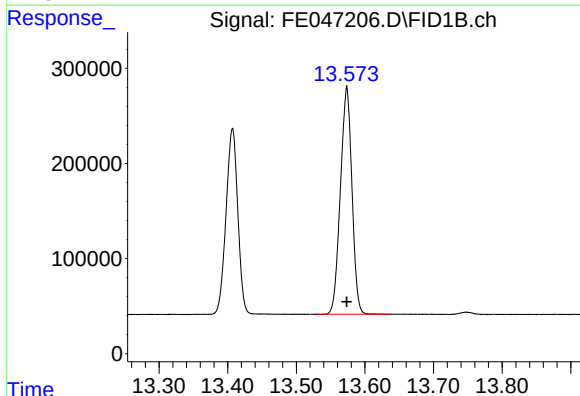
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: -0.001 min
Response: 3073066
Conc: 18.63 ug/ml



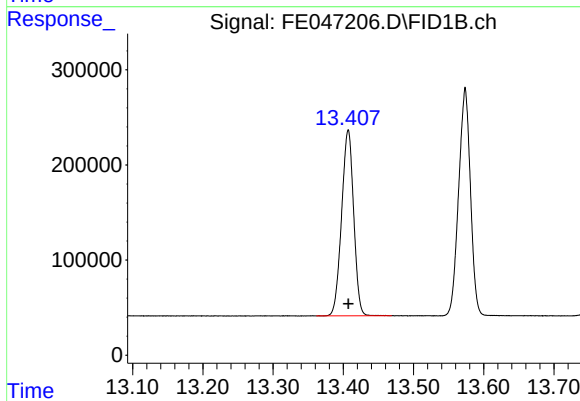
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 2850707
Conc: 18.55 ug/ml



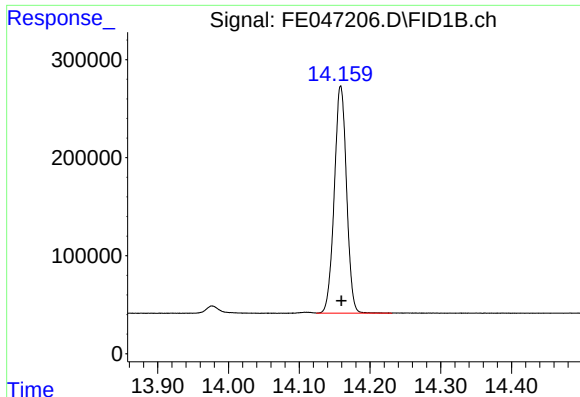
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.000 min
Response: 2795158
Conc: 18.47 ug/ml



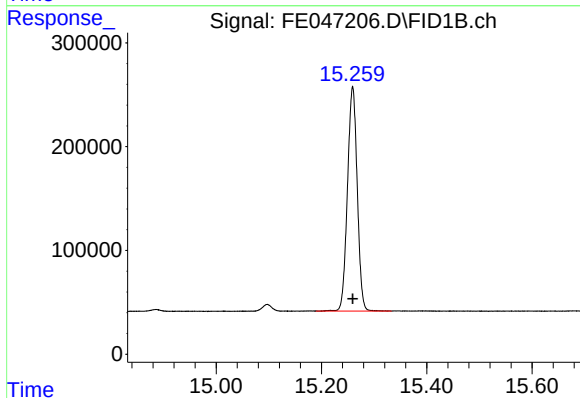
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.000 min
Response: 2327914
Conc: 18.26 ug/ml



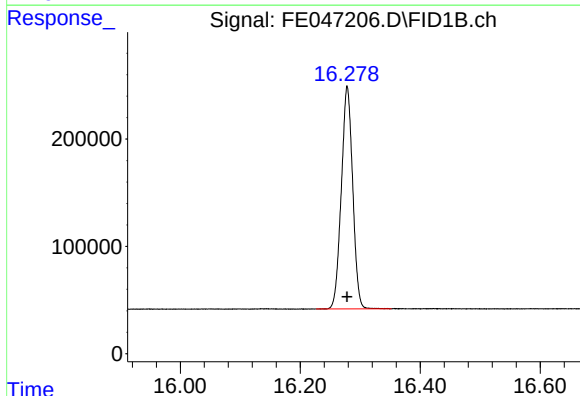
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.001 min
Response: 2785826
Conc: 18.52 ug/ml



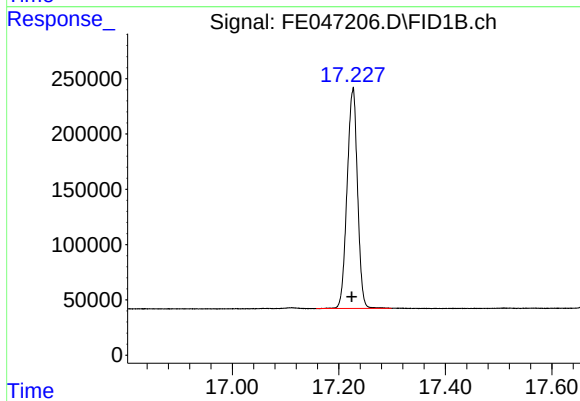
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 2780392
Conc: 18.62 ug/ml



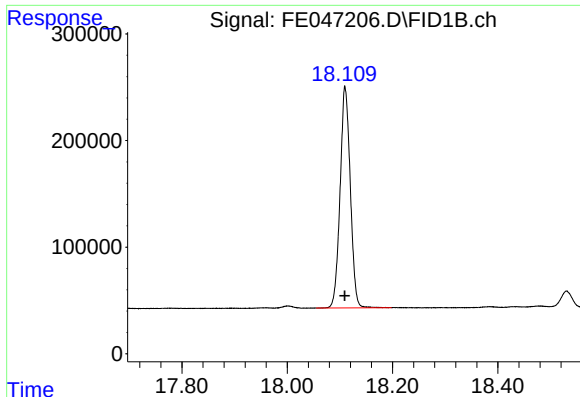
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2728193
Conc: 18.73 ug/ml



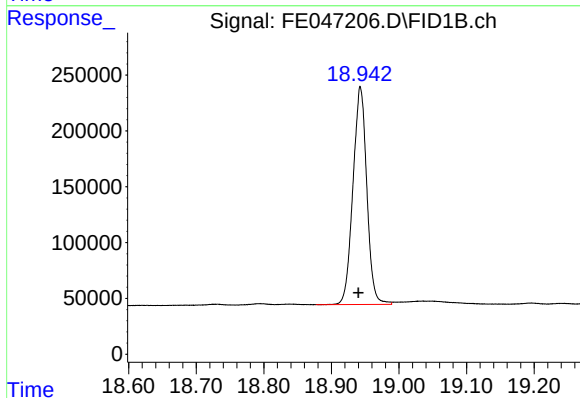
#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: 0.002 min
Response: 2702742
Conc: 19.15 ug/ml



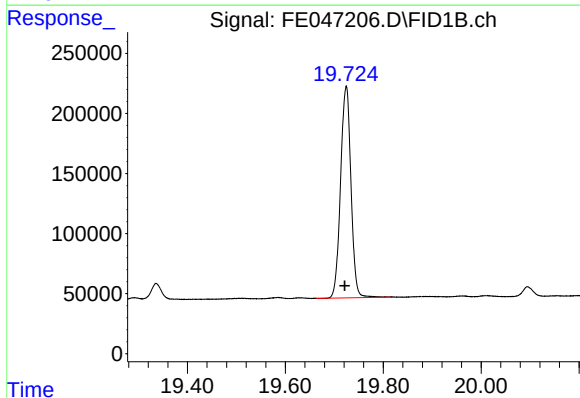
#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 2791518
Conc: 19.75 ug/ml



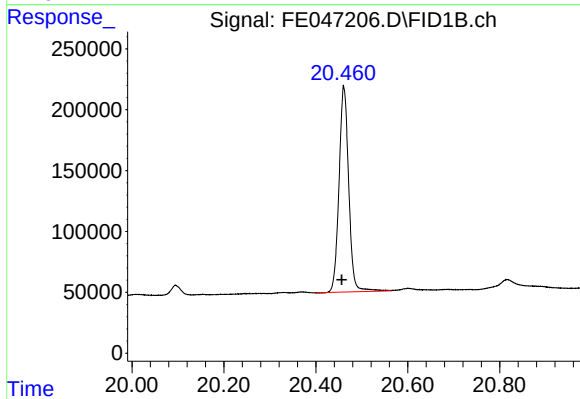
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: 0.003 min
Response: 2774933
Conc: 20.12 ug/ml



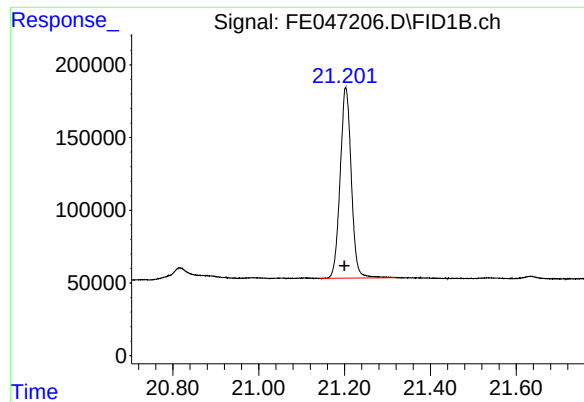
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.004 min
Response: 2592126
Conc: 19.85 ug/ml



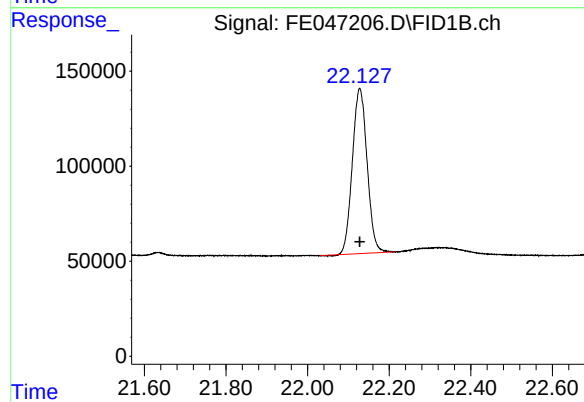
#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: 0.004 min
Response: 2470638
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.003 min
Response: 2356938
Conc: 18.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: 0.000 min
Response: 2181892
Conc: 18.55 ug/ml