

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021024AL\
 Data File : FE046702.D
 Signal(s) : FID1B.ch
 Acq On : 11 Feb 2024 05:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 12 00:07:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.808	3376954	18.263 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
12) S 1-chlorooctadecane (S...	13.249	2553921	17.951 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
Target Compounds			
1) T n-Nonane (C9)	3.198	3216691	19.914 ug/mlm
2) T n-Decane (C10)	4.448	3337839	20.367 ug/ml
3) T A~Naphthalene (C11.7)	6.153	3416832	19.982 ug/ml
4) T n-Dodecane (C12)	6.616	3342531	20.207 ug/ml
5) T A~2-methylnaphthalene...	7.250	3163912	19.838 ug/ml
6) T n-Tetradecane (C14)	8.442	3265022	19.921 ug/ml
7) T n-Hexadecane (C16)	10.051	3310557	19.374 ug/ml
8) T n-Octadecane (C18)	11.495	3298137	18.918 ug/ml
10) T n-Eicosane (C20)	12.804	3101523	18.267 ug/ml
11) T n-Heneicosane (C21)	13.417	3017028	18.089 ug/ml
13) T n-Docosane (C22)	14.004	2993418	18.069 ug/ml
14) T n-Tetracosane (C24)	15.107	2970933	18.005 ug/ml
15) T n-Hexacosane (C26)	16.129	2929208	18.149 ug/ml
16) T n-Octacosane (C28)	17.081	2899460	18.470 ug/ml
17) T n-Tricontane (C30)	17.969	2984344	19.053 ug/ml
18) T n-Dotriacontane (C32)	18.803	2977981	19.701 ug/ml
19) T n-Tetratriacontane (C34)	19.586	2845664	20.063 ug/mlm
20) T n-Hexatriacontane (C36)	20.329	2725269	19.771 ug/mlm
21) T n-Octatriacontane (C38)	21.055	2698677	21.051 ug/ml
22) T n-Tetracontane (C40)	21.936	2832182	22.651 ug/mlm

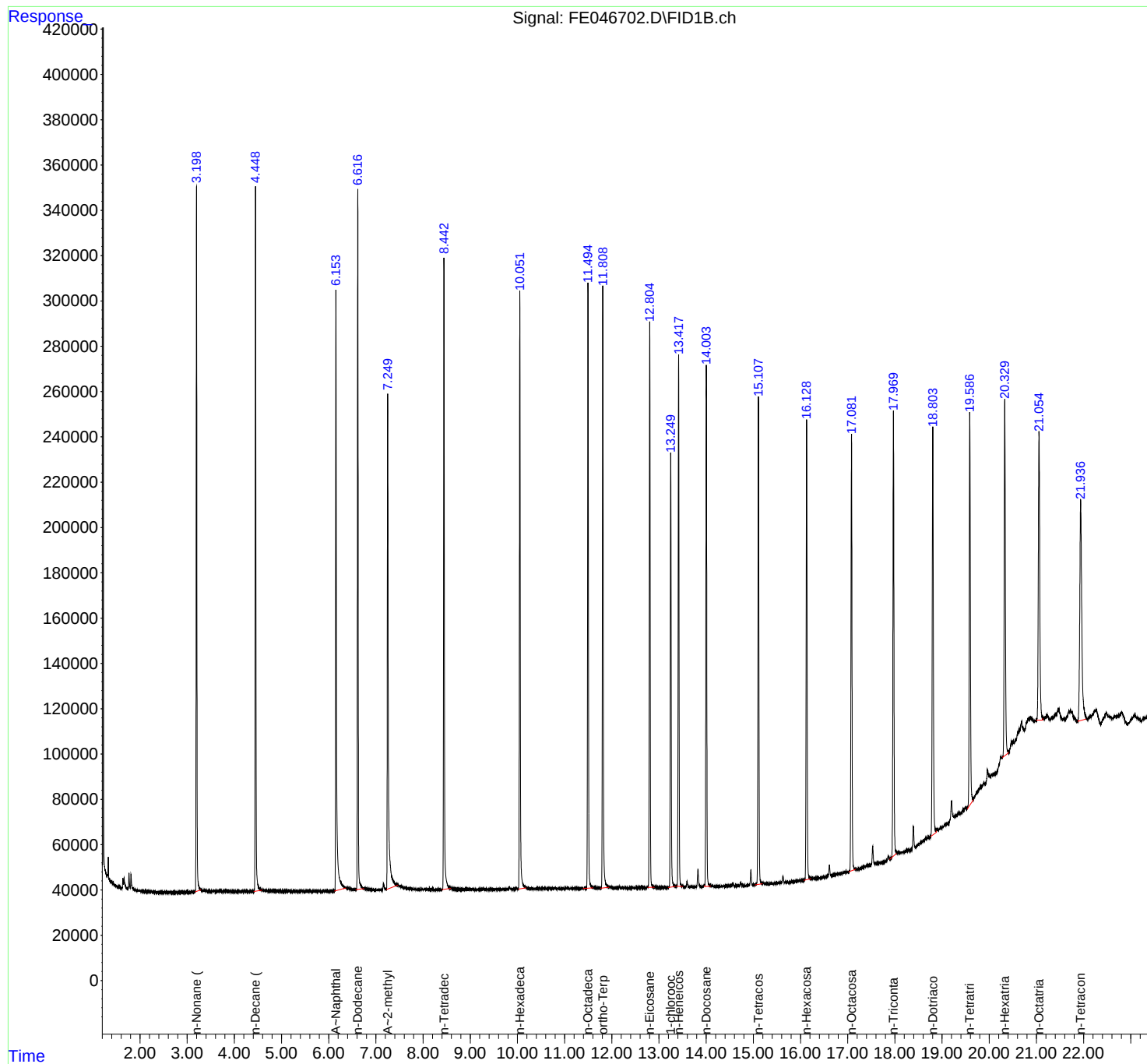
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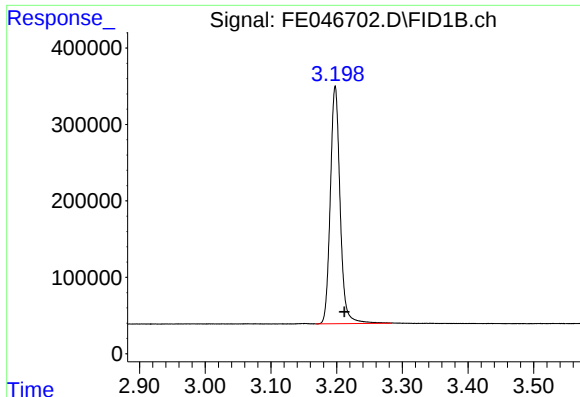
(m)=manual int.

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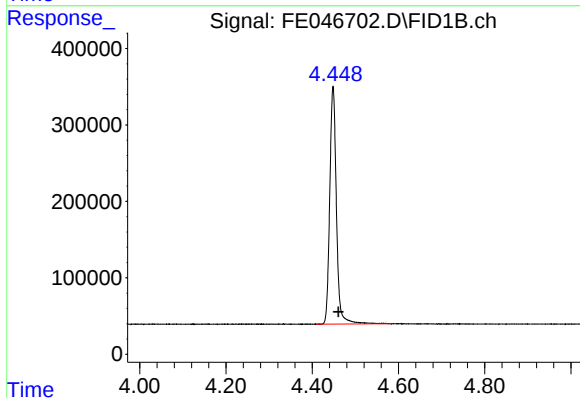
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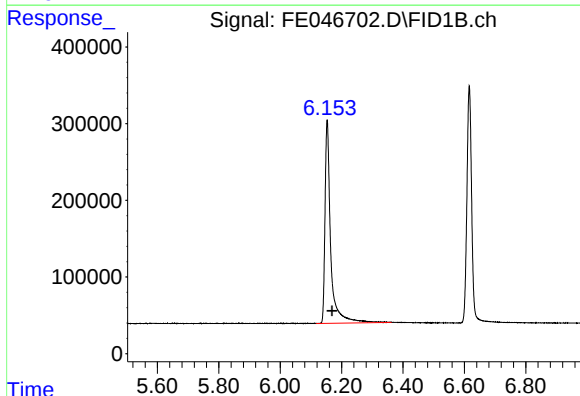
#1 n-Nonane (C9)

R.T.: 3.198 min
Delta R.T.: -0.014 min
Response: 3216691
Conc: 19.91 ug/ml m



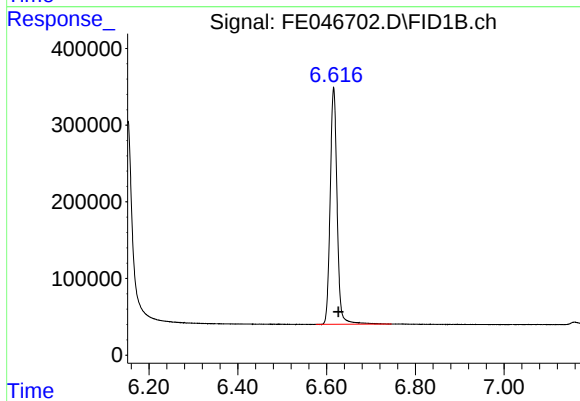
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.012 min
Response: 3337839
Conc: 20.37 ug/ml



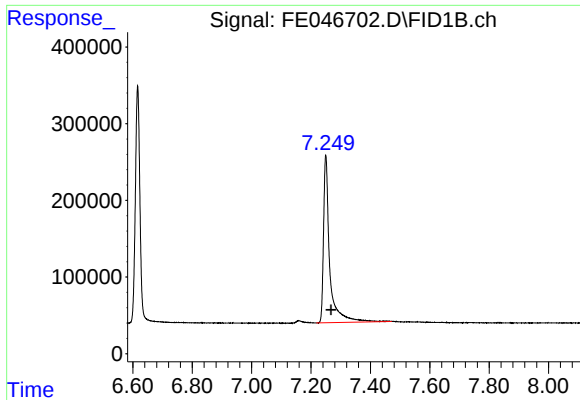
#3 A~Naphthalene (C11.7)

R.T.: 6.153 min
Delta R.T.: -0.016 min
Response: 3416832
Conc: 19.98 ug/ml



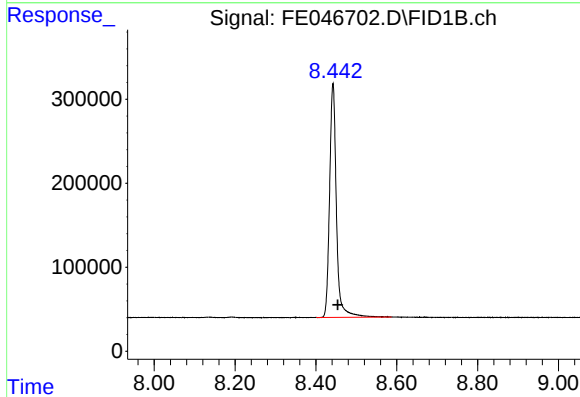
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.011 min
Response: 3342531
Conc: 20.21 ug/ml



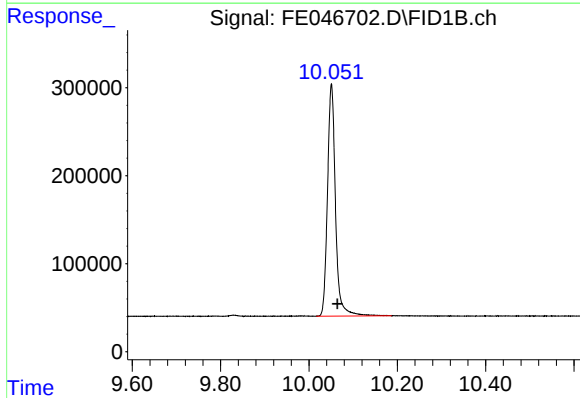
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.017 min
Response: 3163912
Conc: 19.84 ug/ml



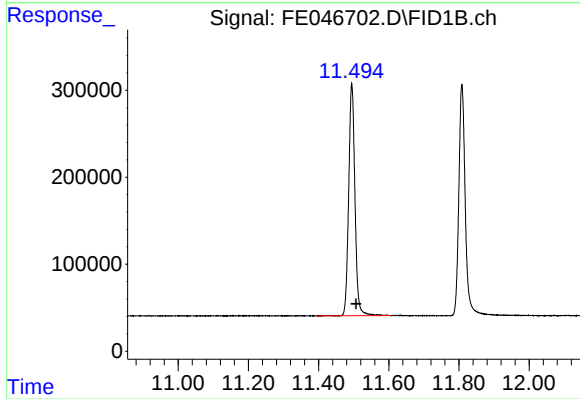
#6 n-Tetradecane (C14)

R.T.: 8.442 min
Delta R.T.: -0.012 min
Response: 3265022
Conc: 19.92 ug/ml



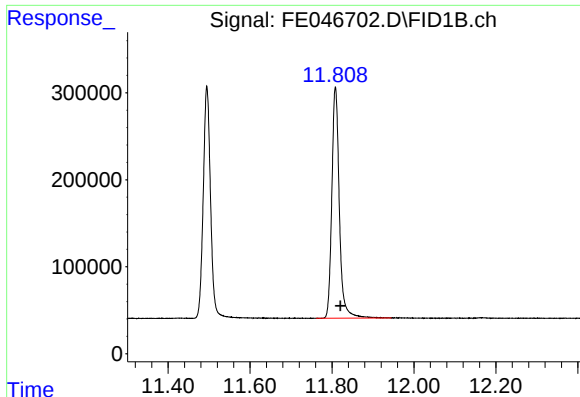
#7 n-Hexadecane (C16)

R.T.: 10.051 min
Delta R.T.: -0.013 min
Response: 3310557
Conc: 19.37 ug/ml



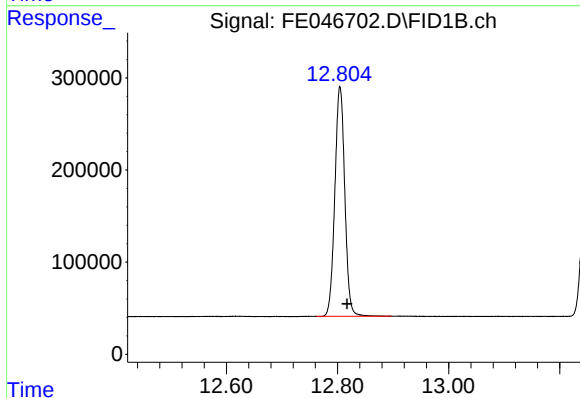
#8 n-Octadecane (C18)

R.T.: 11.495 min
Delta R.T.: -0.012 min
Response: 3298137
Conc: 18.92 ug/ml



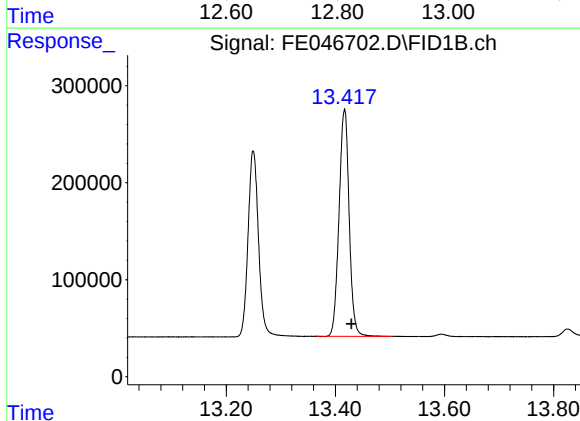
#9 ortho-Terphenyl (SURR)

R.T.: 11.808 min
Delta R.T.: -0.012 min
Response: 3376954
Conc: 18.26 ug/ml



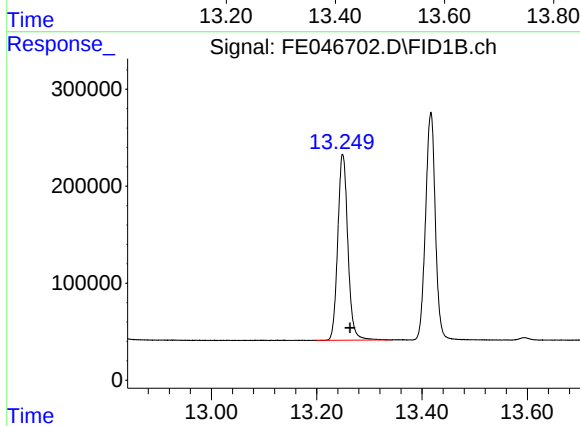
#10 n-Eicosane (C20)

R.T.: 12.804 min
Delta R.T.: -0.013 min
Response: 3101523
Conc: 18.27 ug/ml



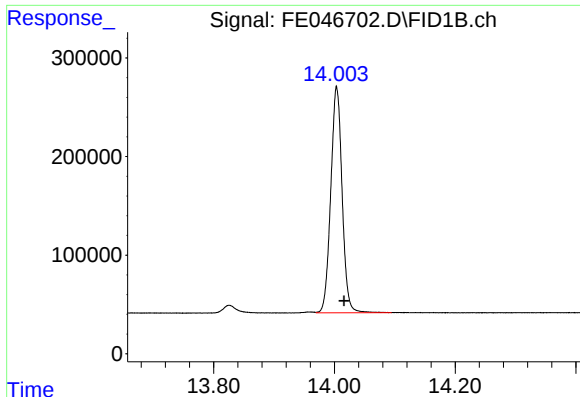
#11 n-Heneicosane (C21)

R.T.: 13.417 min
Delta R.T.: -0.012 min
Response: 3017028
Conc: 18.09 ug/ml



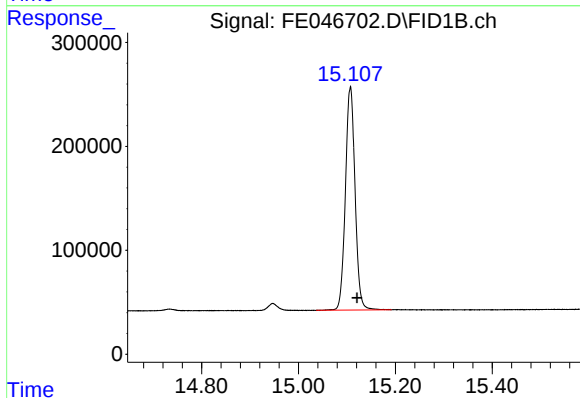
#12 1-chlorooctadecane (SURR)

R.T.: 13.249 min
Delta R.T.: -0.014 min
Response: 2553921
Conc: 17.95 ug/ml



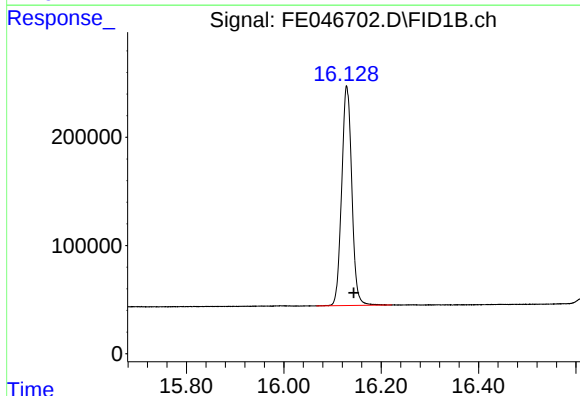
#13 n-Docosane (C22)

R.T.: 14.004 min
Delta R.T.: -0.012 min
Response: 2993418
Conc: 18.07 ug/ml



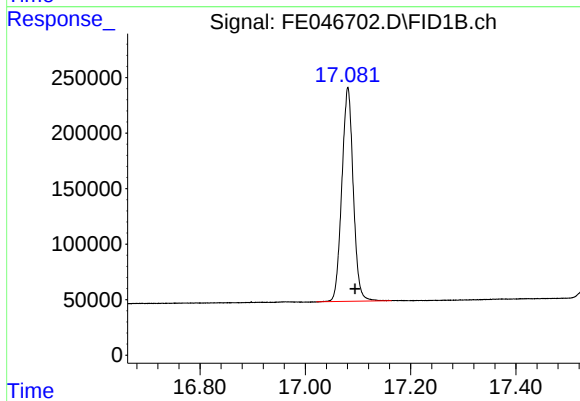
#14 n-Tetracosane (C24)

R.T.: 15.107 min
Delta R.T.: -0.014 min
Response: 2970933
Conc: 18.01 ug/ml



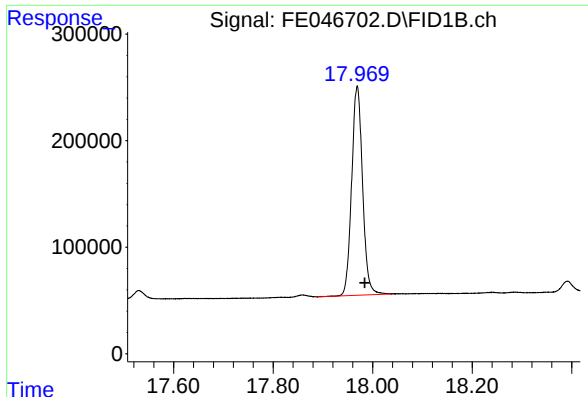
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.015 min
Response: 2929208
Conc: 18.15 ug/ml



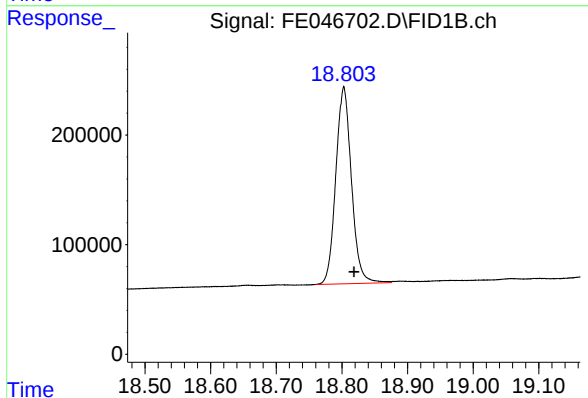
#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.014 min
Response: 2899460
Conc: 18.47 ug/ml



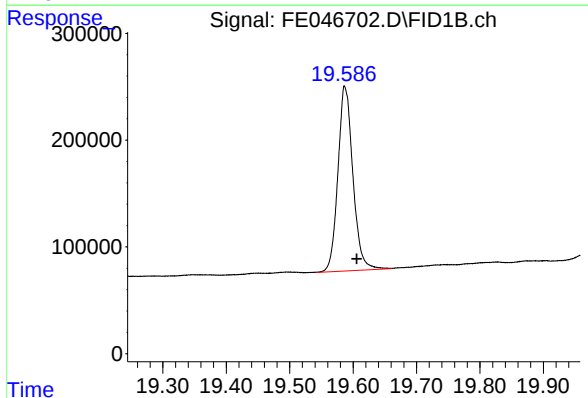
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: -0.015 min
Response: 2984344
Conc: 19.05 ug/ml



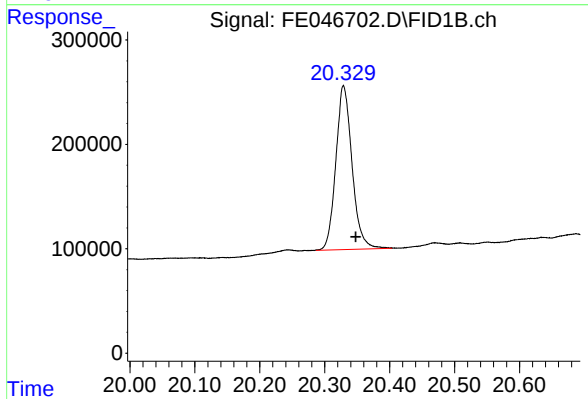
#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.016 min
Response: 2977981
Conc: 19.70 ug/ml



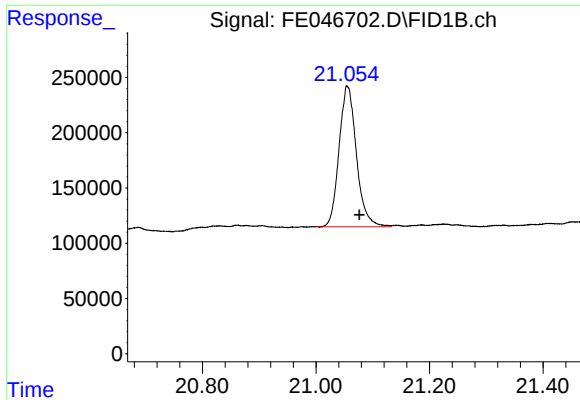
#19 n-Tetratriacontane (C34)

R.T.: 19.586 min
Delta R.T.: -0.020 min
Response: 2845664
Conc: 20.06 ug/ml m



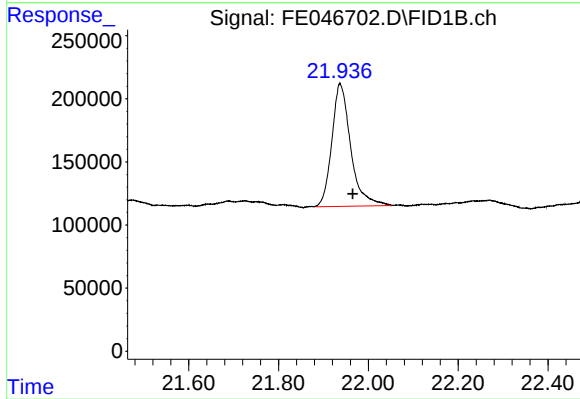
#20 n-Hexatriacontane (C36)

R.T.: 20.329 min
Delta R.T.: -0.019 min
Response: 2725269
Conc: 19.77 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.055 min
Delta R.T.: -0.021 min
Response: 2698677
Conc: 21.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.028 min
Response: 2832182
Conc: 22.65 ug/ml m