

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022624AL\
 Data File : FE046923.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2024 12:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 26 22:52:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.791	3100633	18.872 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	13.234	2376912	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T n-Nonane (C9)	3.179	2711572	17.782 ug/ml
2) T n-Decane (C10)	4.430	2882215	18.609 ug/ml
3) T A~Naphthalene (C11.7)	6.136	2860689	18.163 ug/ml
4) T n-Dodecane (C12)	6.599	2897924	18.638 ug/ml
5) T A~2-methylnaphthalene...	7.234	2548844	17.775 ug/ml
6) T n-Tetradecane (C14)	8.425	2909555	18.869 ug/ml
7) T n-Hexadecane (C16)	10.035	3017533	19.018 ug/ml
8) T n-Octadecane (C18)	11.478	3062905	19.213 ug/ml
10) T n-Eicosane (C20)	12.788	2929815	19.356 ug/ml
11) T n-Heneicosane (C21)	13.400	2851346	19.255 ug/ml
13) T n-Docosane (C22)	13.985	2890261	19.865 ug/ml
14) T n-Tetracosane (C24)	15.089	3015115	21.112 ug/ml
15) T n-Hexacosane (C26)	16.110	3004314	21.499 ug/ml
16) T n-Octacosane (C28)	17.062	3036215	22.286 ug/ml
17) T n-Tricontane (C30)	17.950	3198644	22.926 ug/ml
18) T n-Dotriacontane (C32)	18.783	3078216	22.370 ug/ml
19) T n-Tetratriacontane (C34)	19.567	2776265	20.667 ug/ml
20) T n-Hexatriacontane (C36)	20.309	2505739	18.817 ug/ml
21) T n-Octatriacontane (C38)	21.030	2328792	16.902 ug/ml
22) T n-Tetracontane (C40)	21.905	2232128	15.821 ug/ml

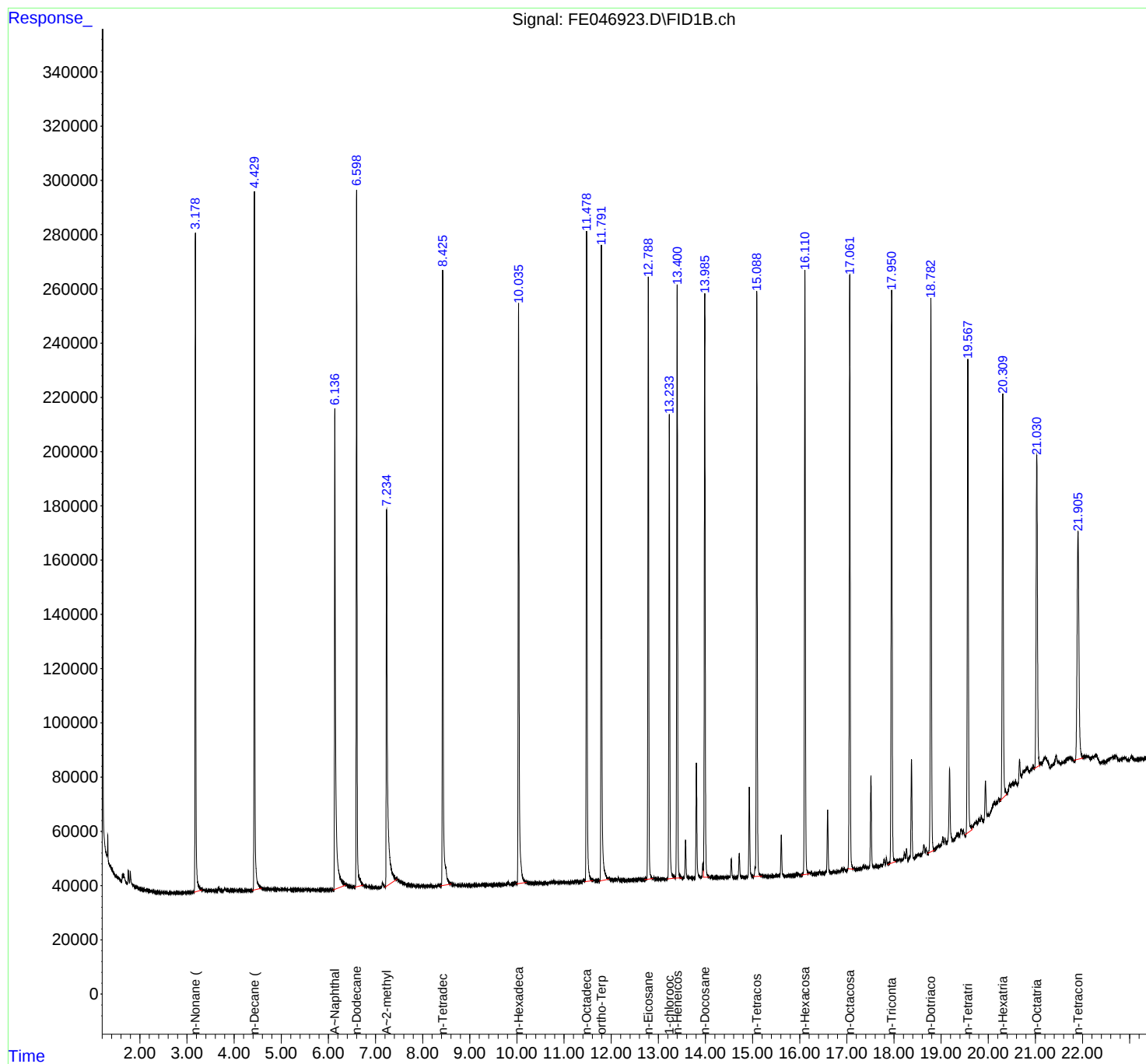
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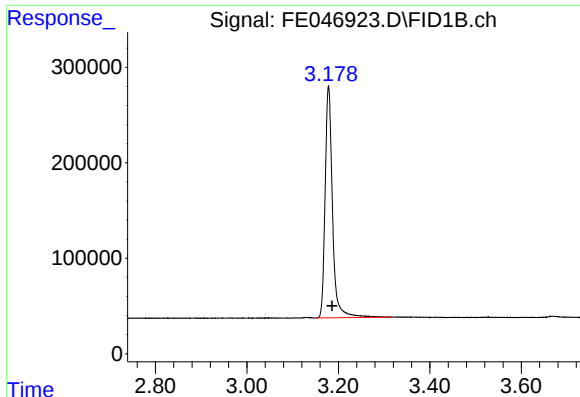
(m)=manual int.

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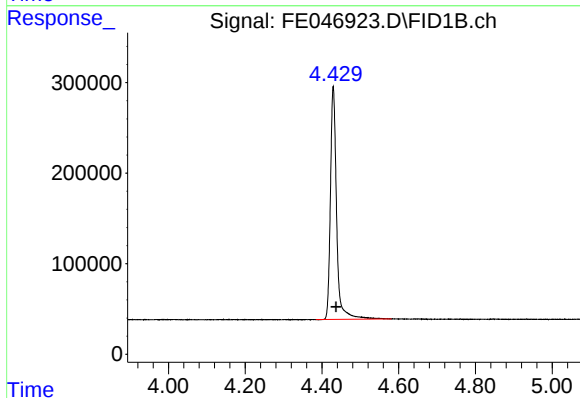
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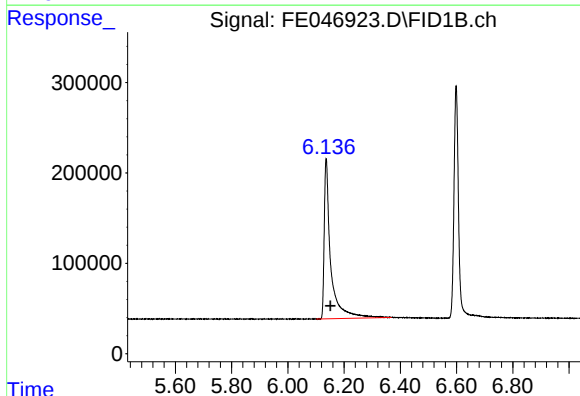
#1 n-Nonane (C9)

R.T.: 3.179 min
Delta R.T.: -0.007 min
Response: 2711572
Conc: 17.78 ug/ml



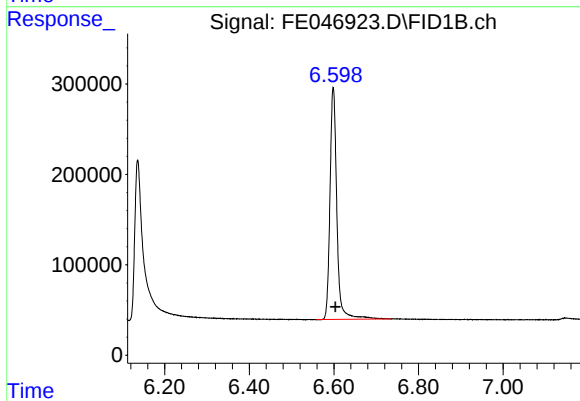
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.007 min
Response: 2882215
Conc: 18.61 ug/ml



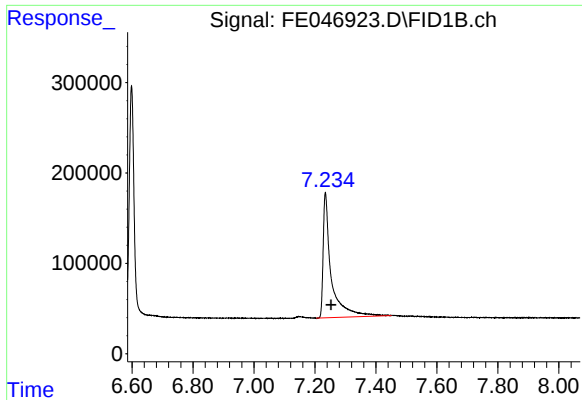
#3 A~Naphthalene (C11.7)

R.T.: 6.136 min
Delta R.T.: -0.015 min
Response: 2860689
Conc: 18.16 ug/ml



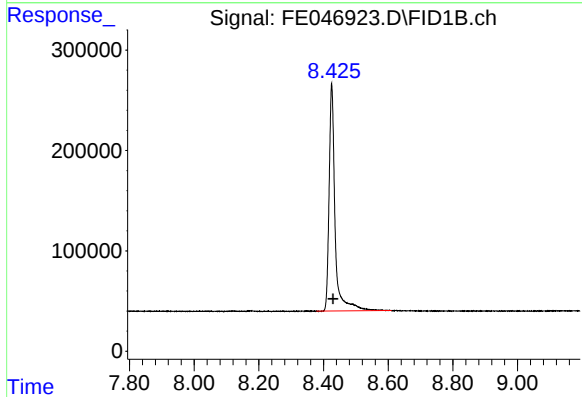
#4 n-Dodecane (C12)

R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 2897924
Conc: 18.64 ug/ml



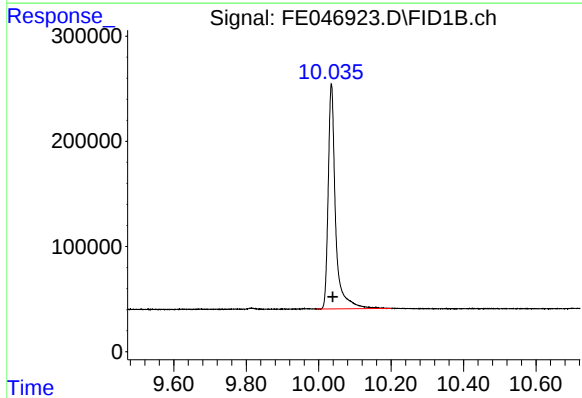
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: -0.018 min
Response: 2548844
Conc: 17.77 ug/ml



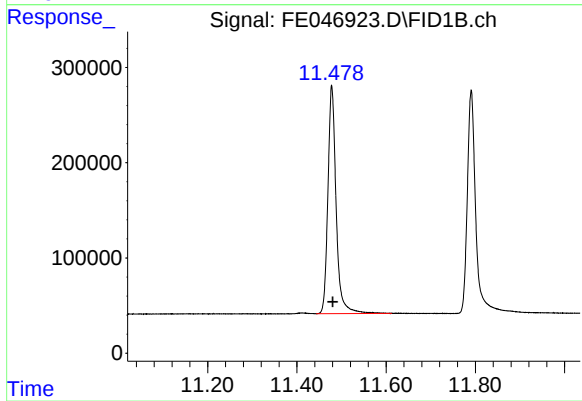
#6 n-Tetradecane (C14)

R.T.: 8.425 min
Delta R.T.: -0.004 min
Response: 2909555
Conc: 18.87 ug/ml



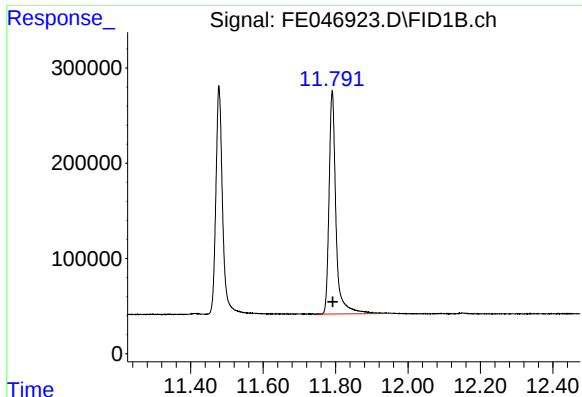
#7 n-Hexadecane (C16)

R.T.: 10.035 min
Delta R.T.: -0.003 min
Response: 3017533
Conc: 19.02 ug/ml



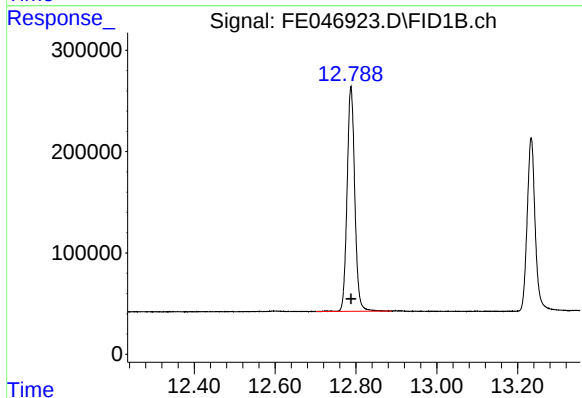
#8 n-Octadecane (C18)

R.T.: 11.478 min
Delta R.T.: -0.002 min
Response: 3062905
Conc: 19.21 ug/ml



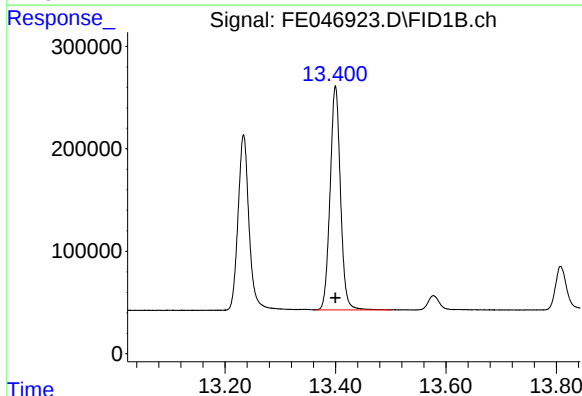
#9 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: -0.001 min
Response: 3100633
Conc: 18.87 ug/ml



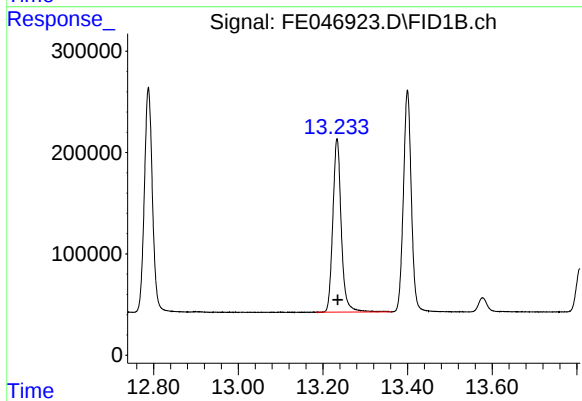
#10 n-Eicosane (C20)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 2929815
Conc: 19.36 ug/ml



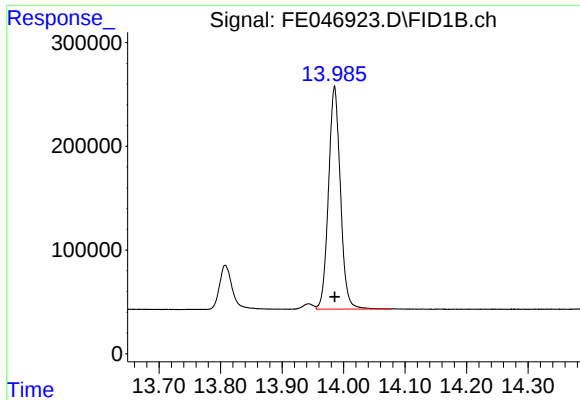
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: 0.000 min
Response: 2851346
Conc: 19.26 ug/ml



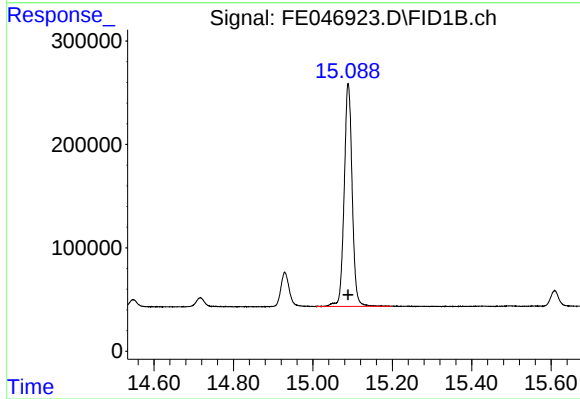
#12 1-chlorooctadecane (SURR)

R.T.: 13.234 min
Delta R.T.: -0.001 min
Response: 2376912
Conc: 19.31 ug/ml



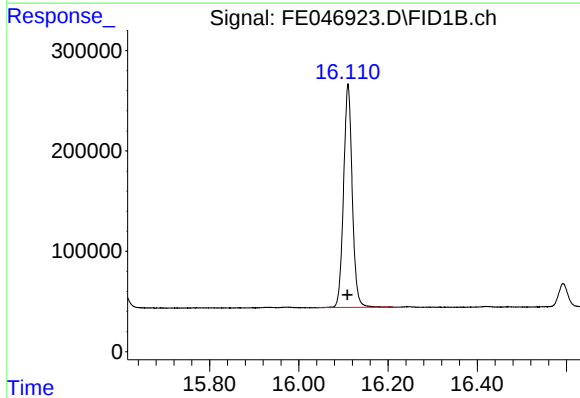
#13 n-Docosane (C22)

R.T.: 13.985 min
Delta R.T.: 0.000 min
Response: 2890261
Conc: 19.87 ug/ml



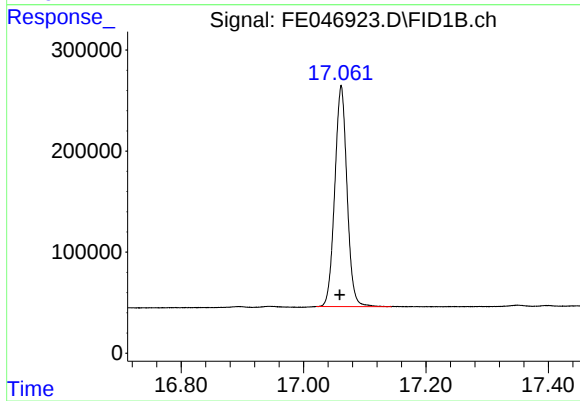
#14 n-Tetracosane (C24)

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 3015115
Conc: 21.11 ug/ml



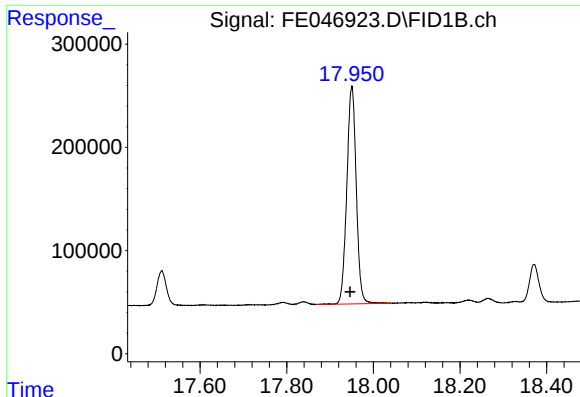
#15 n-Hexacosane (C26)

R.T.: 16.110 min
Delta R.T.: 0.001 min
Response: 3004314
Conc: 21.50 ug/ml



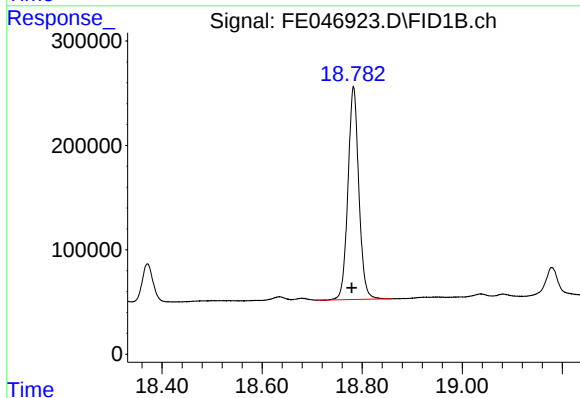
#16 n-Octacosane (C28)

R.T.: 17.062 min
Delta R.T.: 0.003 min
Response: 3036215
Conc: 22.29 ug/ml



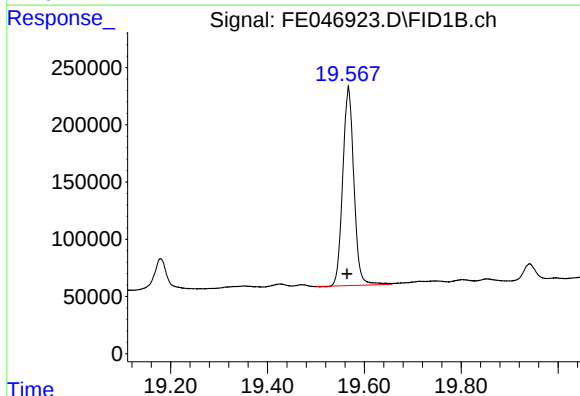
#17 n-Tricontane (C30)

R.T.: 17.950 min
Delta R.T.: 0.004 min
Response: 3198644
Conc: 22.93 ug/ml



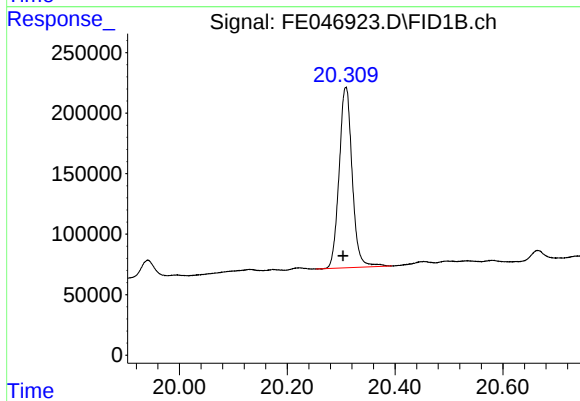
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.004 min
Response: 3078216
Conc: 22.37 ug/ml



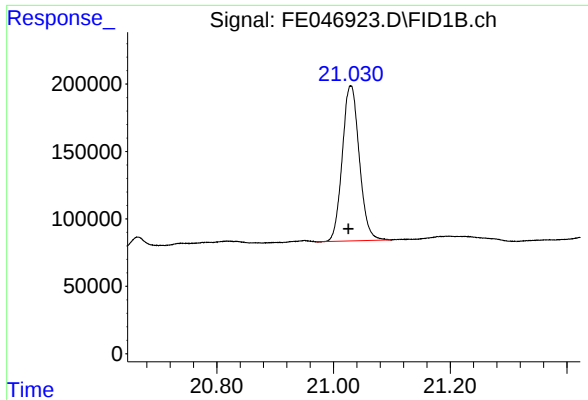
#19 n-Tetratriacontane (C34)

R.T.: 19.567 min
Delta R.T.: 0.003 min
Response: 2776265
Conc: 20.67 ug/ml



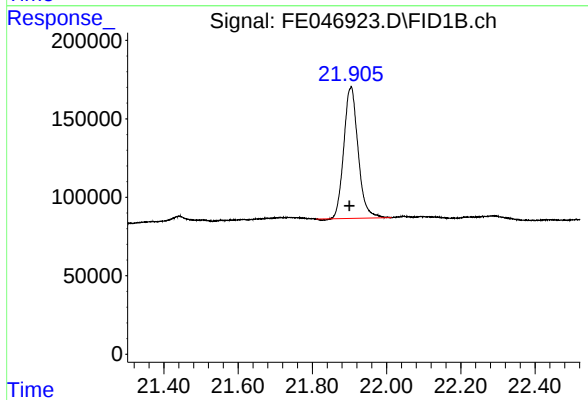
#20 n-Hexatriacontane (C36)

R.T.: 20.309 min
Delta R.T.: 0.005 min
Response: 2505739
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.030 min
Delta R.T.: 0.004 min
Response: 2328792
Conc: 16.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: 0.005 min
Response: 2232128
Conc: 15.82 ug/ml