

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021423AL\
 Data File : FE040340.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2023 10:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 14 21:22:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.895	3861605	23.858 ug/ml
Spiked Amount 50.000		Recovery =	47.72%
12) S 1-chlorooctadecane (S...	13.334	2940767	23.711 ug/ml
Spiked Amount 50.000		Recovery =	47.42%
Target Compounds			
1) T n-Nonane (C9)	3.286	3286367	24.146 ug/ml
2) T n-Decane (C10)	4.536	3217429	24.215 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3582118	24.476 ug/ml
4) T n-Dodecane (C12)	6.701	3264676	24.248 ug/ml
5) T A~2-methylnaphthalene...	7.335	3335596	24.643 ug/ml
6) T n-Tetradecane (C14)	8.528	3317837	24.074 ug/ml
7) T n-Hexadecane (C16)	10.135	3435672	23.939 ug/ml
8) T n-Octadecane (C18)	11.579	3532692	23.749 ug/ml
10) T n-Eicosane (C20)	12.889	3462823	23.554 ug/ml
11) T n-Heneicosane (C21)	13.501	3482514	23.611 ug/ml
13) T n-Docosane (C22)	14.087	3450767	23.289 ug/ml
14) T n-Tetracosane (C24)	15.191	3411298	22.472 ug/ml
15) T n-Hexacosane (C26)	16.213	3307821	22.313 ug/ml
16) T n-Octacosane (C28)	17.163	3221573	21.497 ug/ml
17) T n-Tricontane (C30)	18.052	3107102	21.058 ug/ml
18) T n-Dotriacontane (C32)	18.887	3058587	20.884 ug/ml
19) T n-Tetratriacontane (C34)	19.671	2992525	21.757 ug/ml
20) T n-Hexatriacontane (C36)	20.414	2866339	21.610 ug/ml
21) T n-Octatriacontane (C38)	21.146	2878622	22.189 ug/ml
22) T n-Tetracontane (C40)	22.045	2934531	22.102 ug/ml

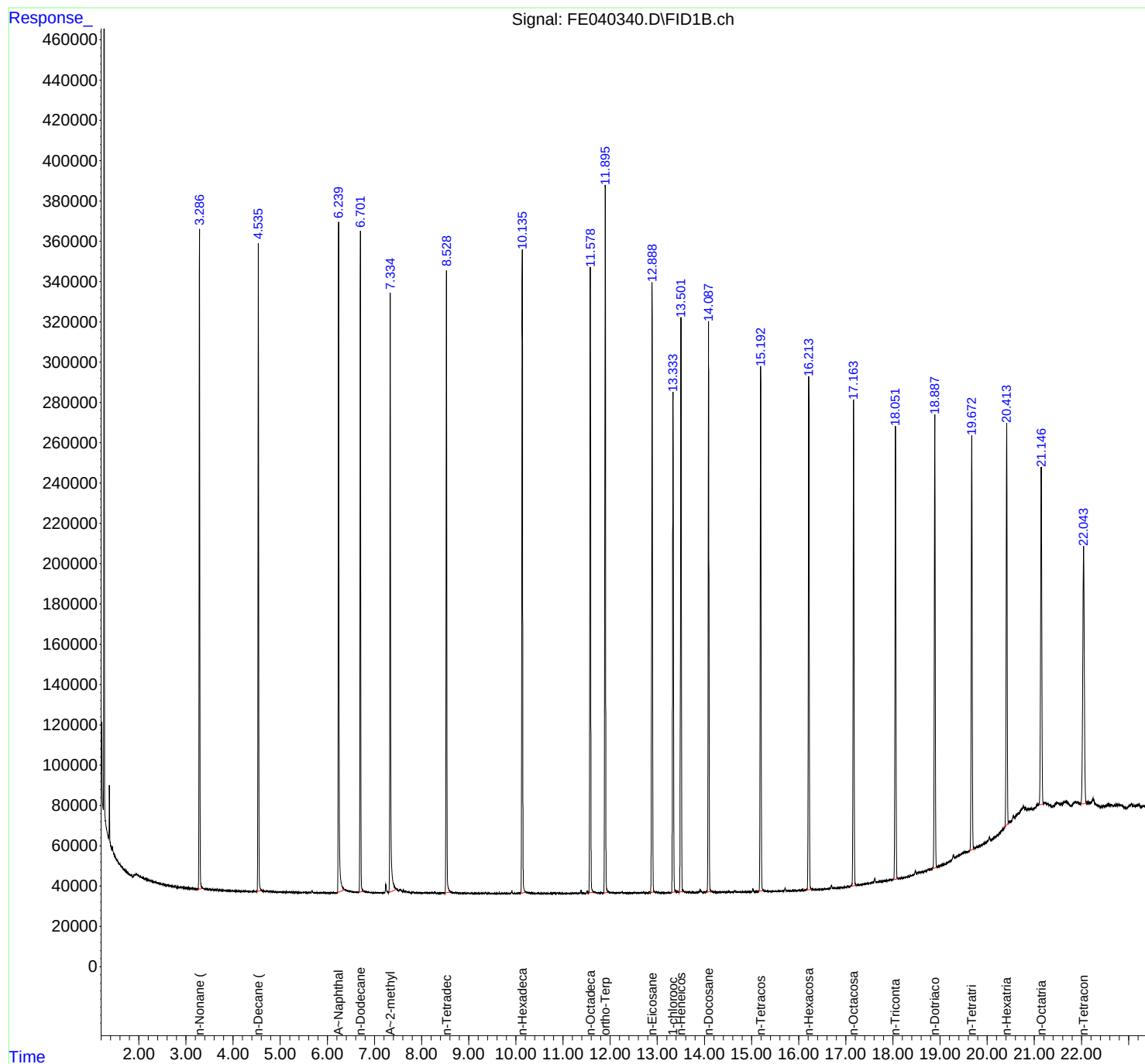
(f)=RT Delta > 1/2 Window

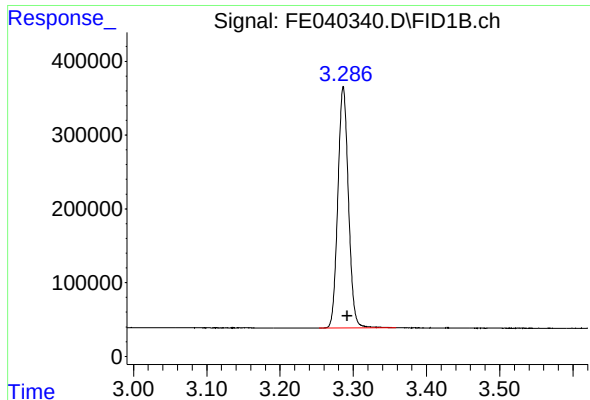
(m)=manual int.

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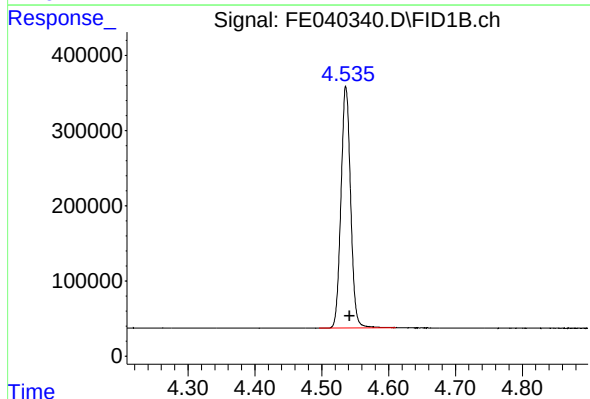
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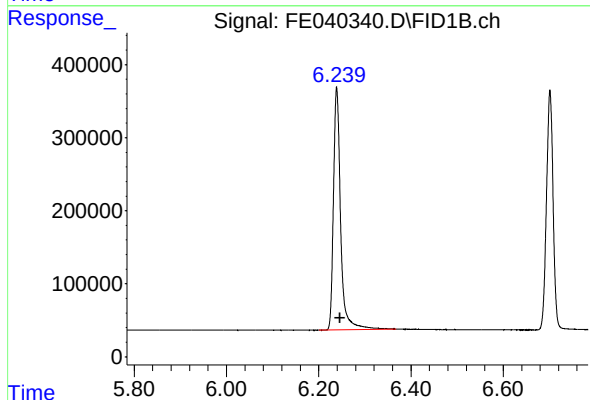
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.006 min
Response: 3286367
Conc: 24.15 ug/ml



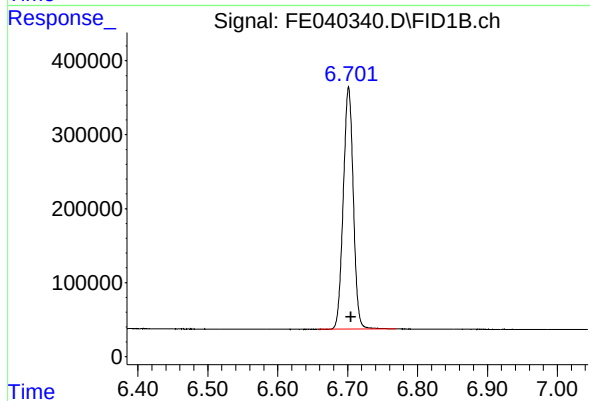
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 3217429
Conc: 24.22 ug/ml



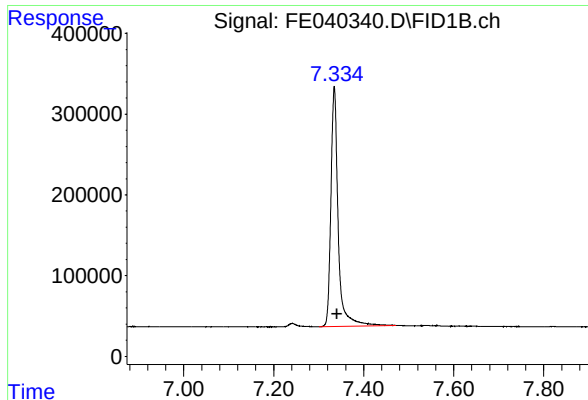
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.007 min
Response: 3582118
Conc: 24.48 ug/ml



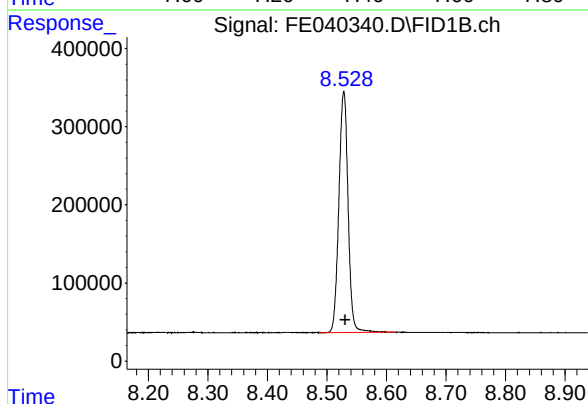
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 3264676
Conc: 24.25 ug/ml



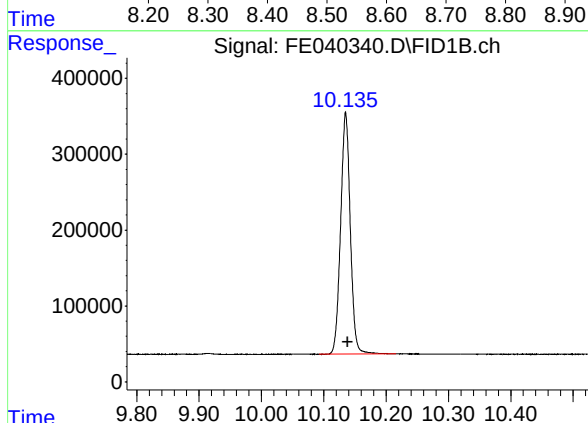
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 3335596
Conc: 24.64 ug/ml



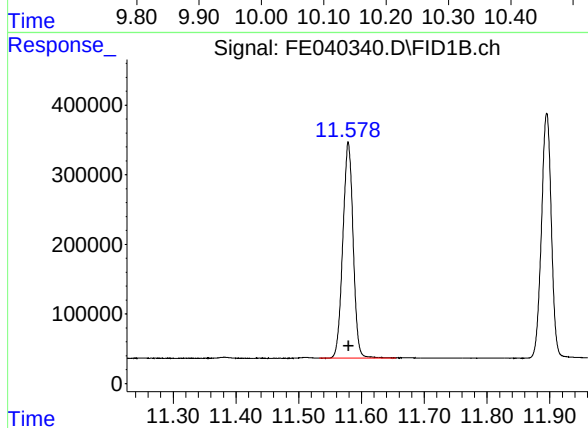
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 3317837
Conc: 24.07 ug/ml



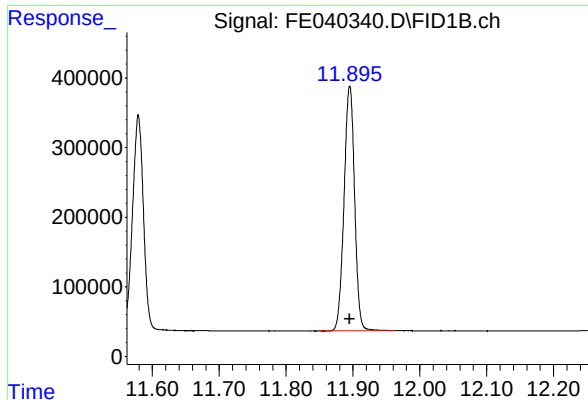
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.003 min
Response: 3435672
Conc: 23.94 ug/ml



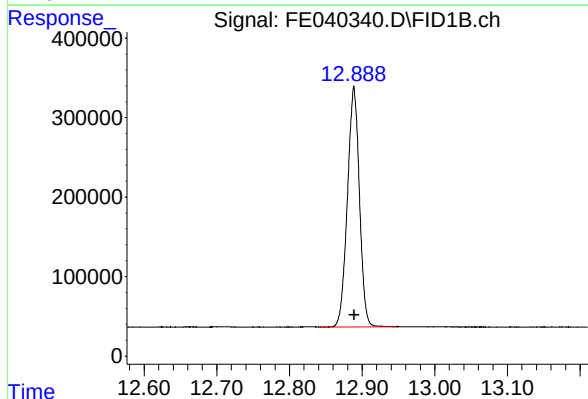
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 3532692
Conc: 23.75 ug/ml



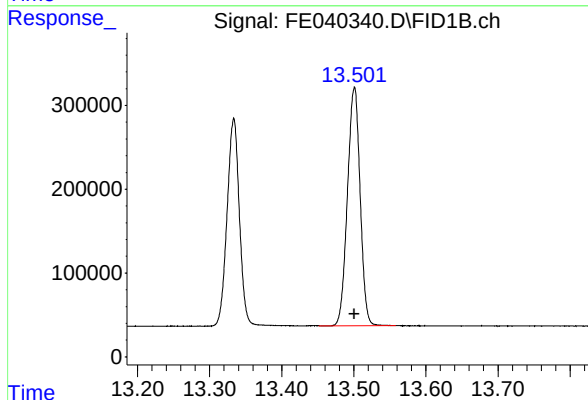
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3861605
Conc: 23.86 ug/ml



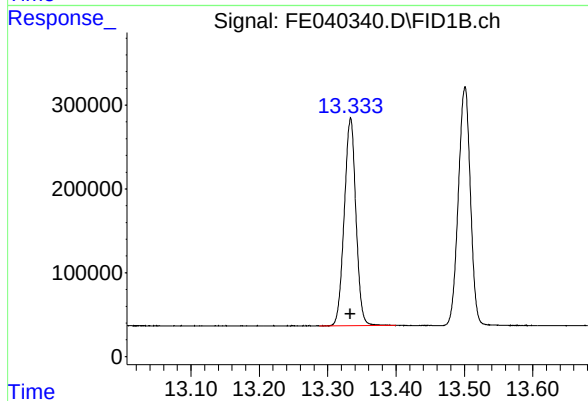
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 3462823
Conc: 23.55 ug/ml



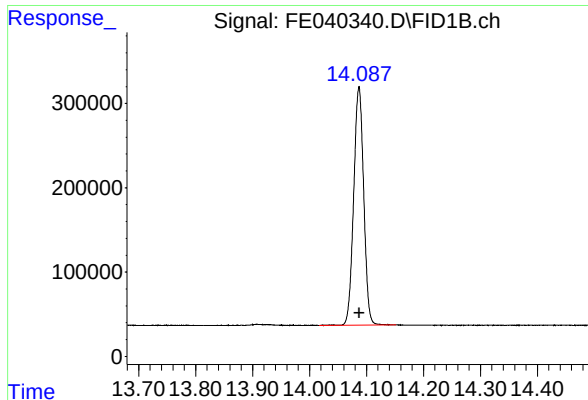
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.000 min
Response: 3482514
Conc: 23.61 ug/ml



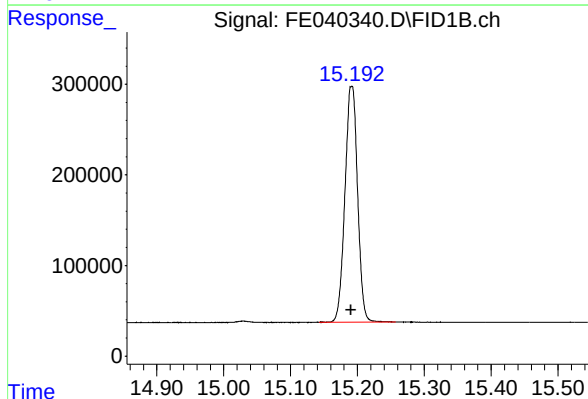
#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 2940767
Conc: 23.71 ug/ml



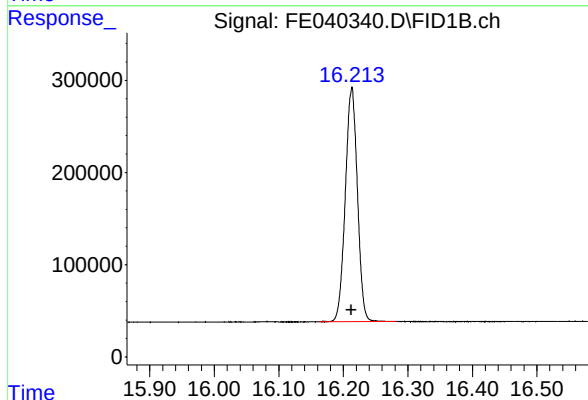
#13 n-Docosane (C22)

R.T.: 14.087 min
Delta R.T.: 0.000 min
Response: 3450767
Conc: 23.29 ug/ml



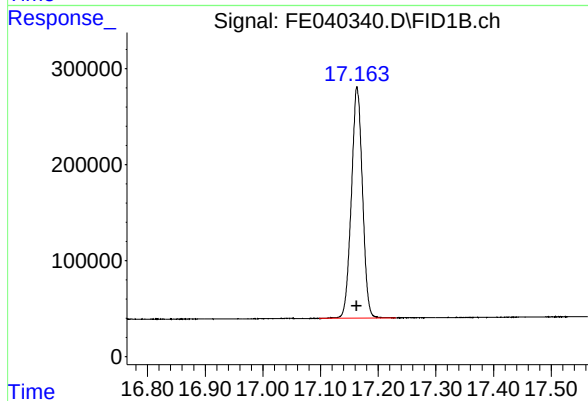
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 3411298
Conc: 22.47 ug/ml



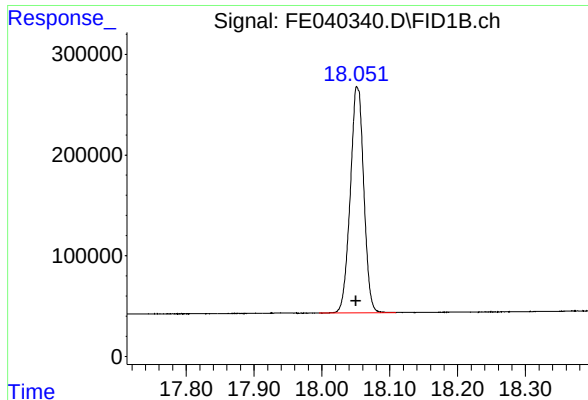
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 3307821
Conc: 22.31 ug/ml



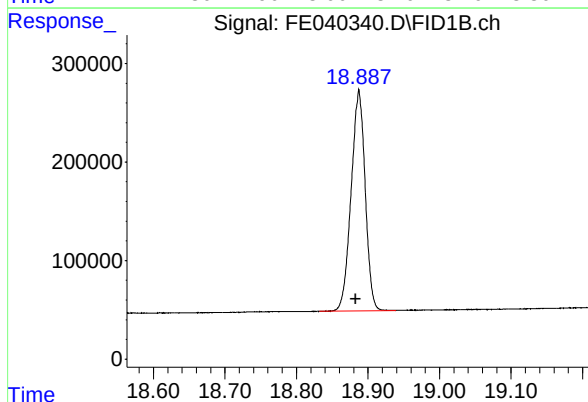
#16 n-Octacosane (C28)

R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 3221573
Conc: 21.50 ug/ml



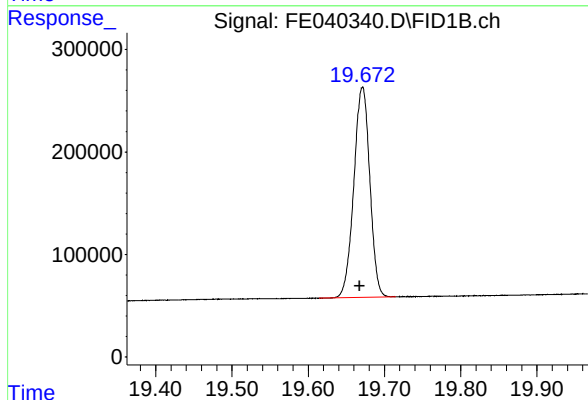
#17 n-Tricontane (C30)

R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 3107102
Conc: 21.06 ug/ml



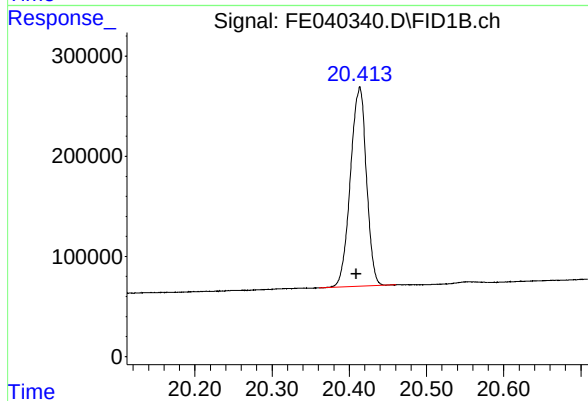
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: 0.005 min
Response: 3058587
Conc: 20.88 ug/ml



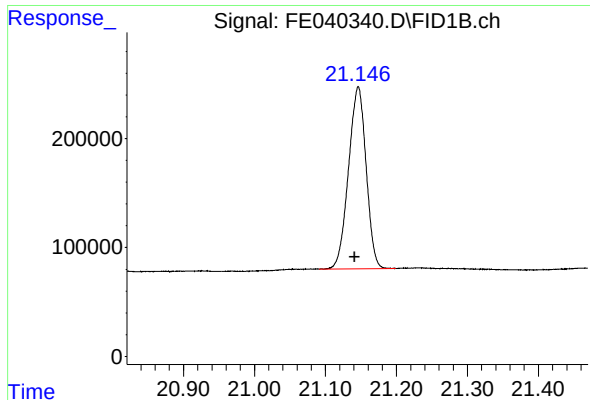
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: 0.004 min
Response: 2992525
Conc: 21.76 ug/ml



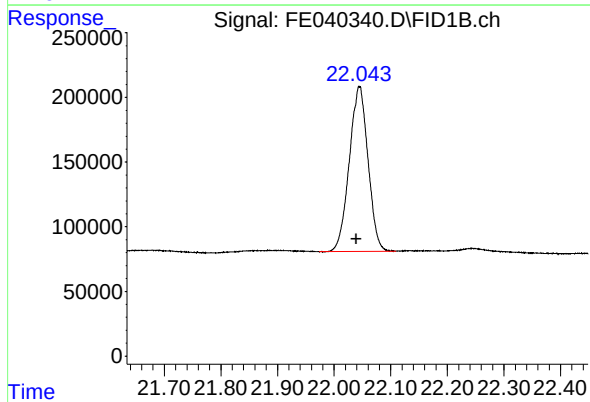
#20 n-Hexatriacontane (C36)

R.T.: 20.414 min
Delta R.T.: 0.005 min
Response: 2866339
Conc: 21.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: 0.005 min
Response: 2878622
Conc: 22.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: 0.006 min
Response: 2934531
Conc: 22.10 ug/ml