

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021023AL\
 Data File : FE040302.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2023 12:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 13 07:11:27 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	3246337	20.056 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.333	2485584	20.041 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.288	2781362	20.436 ug/ml
2) T n-Decane (C10)	4.537	2737947	20.606 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3010965	20.573 ug/ml
4) T n-Dodecane (C12)	6.702	2773928	20.603 ug/ml
5) T A~2-methylnaphthalene...	7.335	2807946	20.745 ug/ml
6) T n-Tetradecane (C14)	8.528	2814973	20.426 ug/ml
7) T n-Hexadecane (C16)	10.135	2915361	20.313 ug/ml
8) T n-Octadecane (C18)	11.579	2993181	20.122 ug/ml
10) T n-Eicosane (C20)	12.888	2930683	19.934 ug/ml
11) T n-Heneicosane (C21)	13.500	2935135	19.900 ug/ml
13) T n-Docosane (C22)	14.087	2924960	19.741 ug/ml
14) T n-Tetracosane (C24)	15.190	2917366	19.218 ug/ml
15) T n-Hexacosane (C26)	16.212	2834512	19.120 ug/ml
16) T n-Octacosane (C28)	17.163	2775110	18.518 ug/ml
17) T n-Tricontane (C30)	18.052	2707209	18.348 ug/ml
18) T n-Dotriacontane (C32)	18.886	2676837	18.277 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2580101	18.758 ug/ml
20) T n-Hexatriacontane (C36)	20.412	2463173	18.570 ug/ml
21) T n-Octatriacontane (C38)	21.143	2446980	18.862 ug/ml
22) T n-Tetracontane (C40)	22.043	2522853	19.002 ug/ml

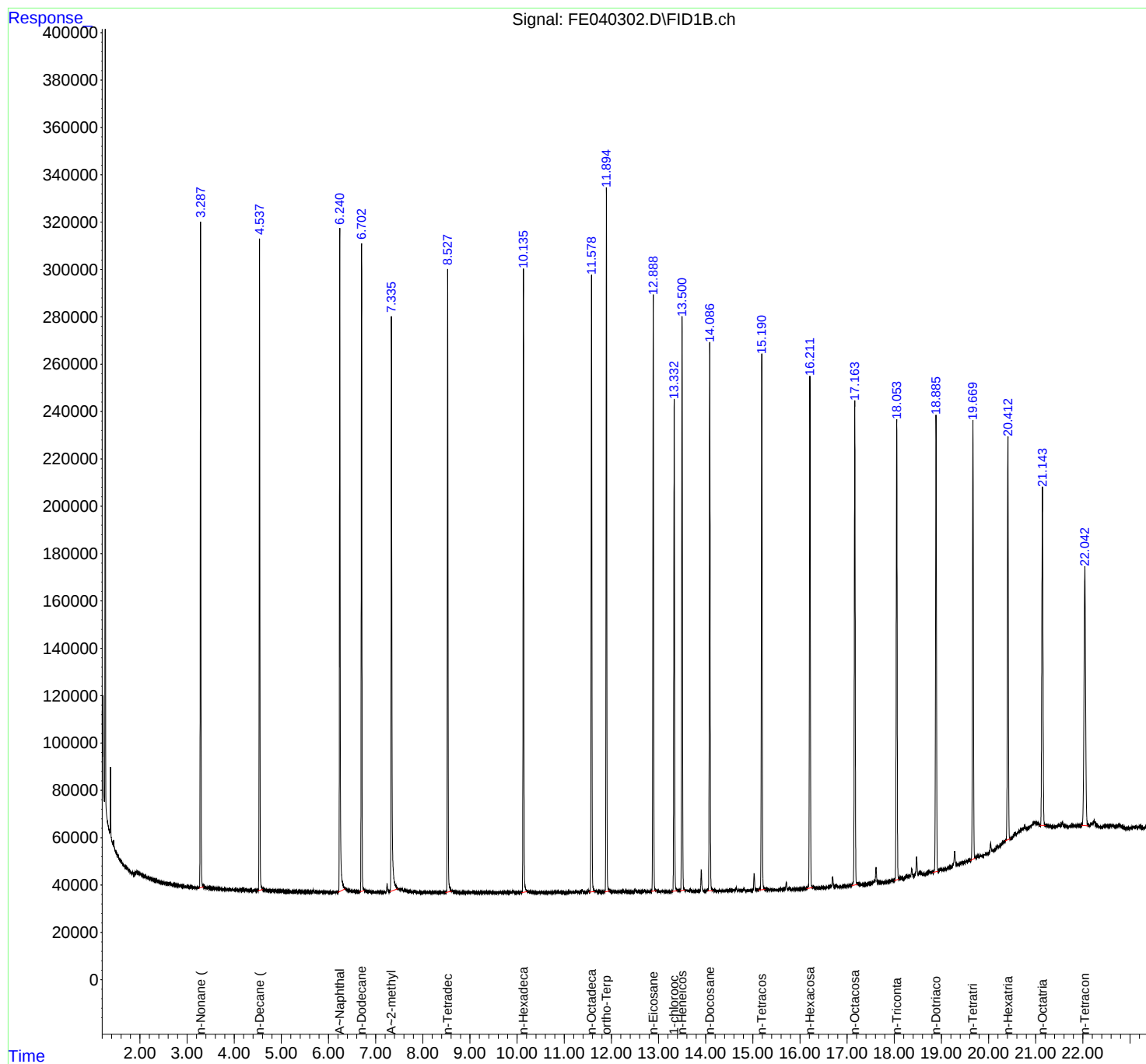
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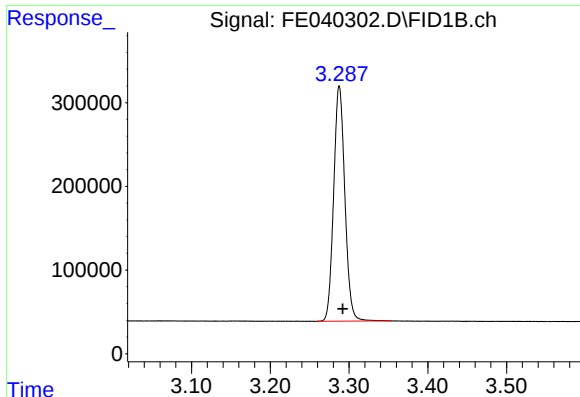
(m)=manual int.

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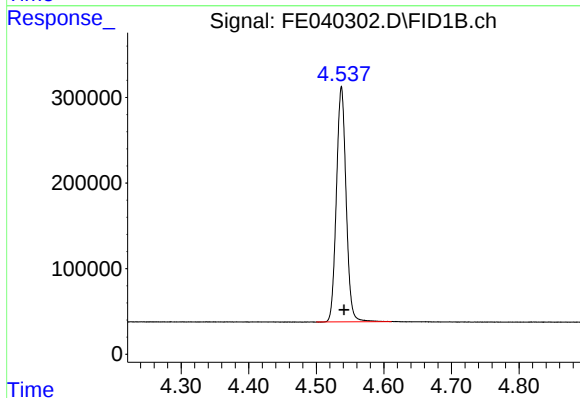
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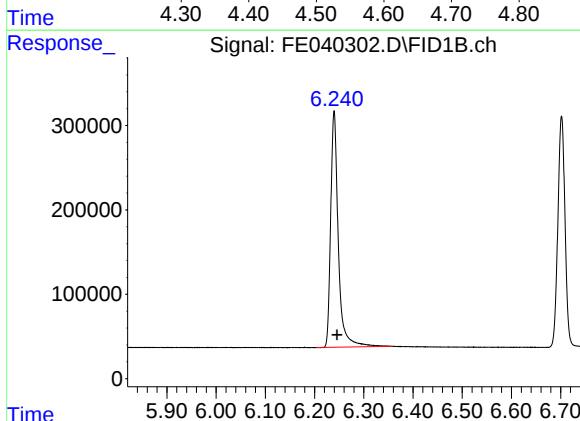
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.004 min
Response: 2781362
Conc: 20.44 ug/ml



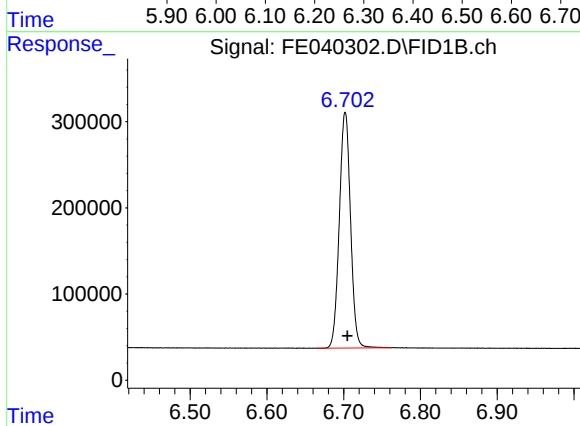
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.004 min
Response: 2737947
Conc: 20.61 ug/ml



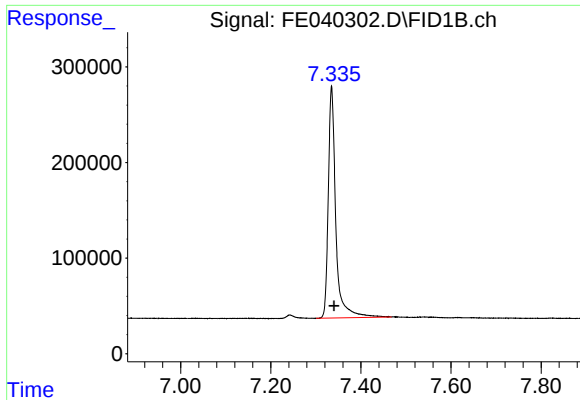
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 3010965
Conc: 20.57 ug/ml



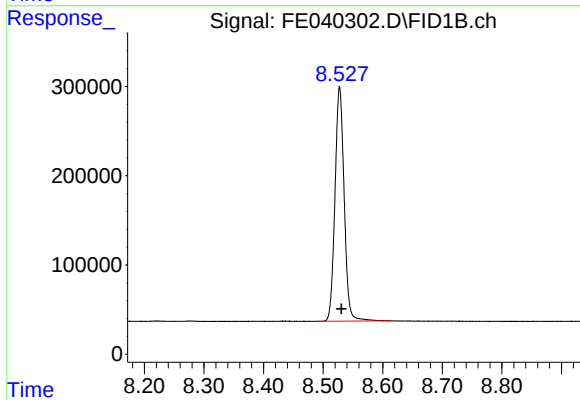
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 2773928
Conc: 20.60 ug/ml



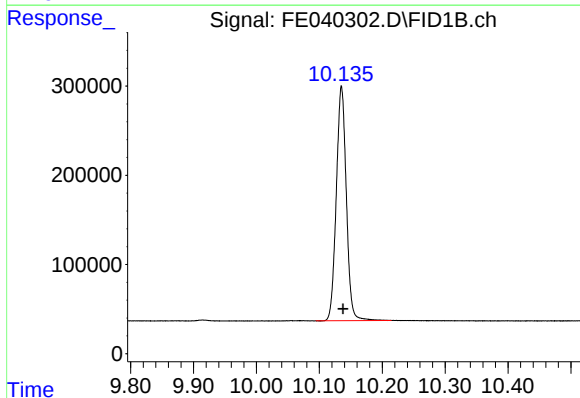
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 2807946
Conc: 20.74 ug/ml



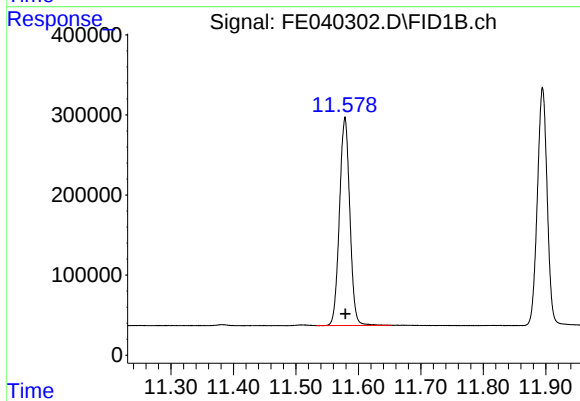
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2814973
Conc: 20.43 ug/ml



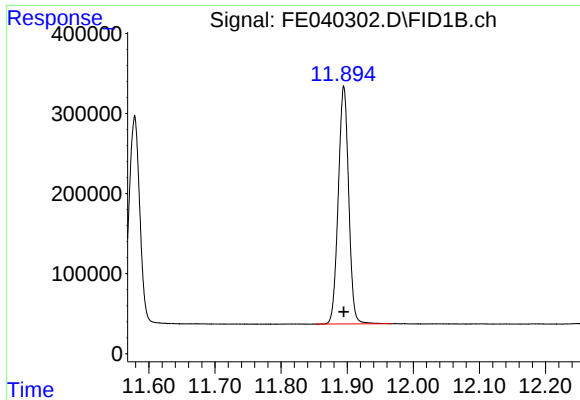
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.003 min
Response: 2915361
Conc: 20.31 ug/ml



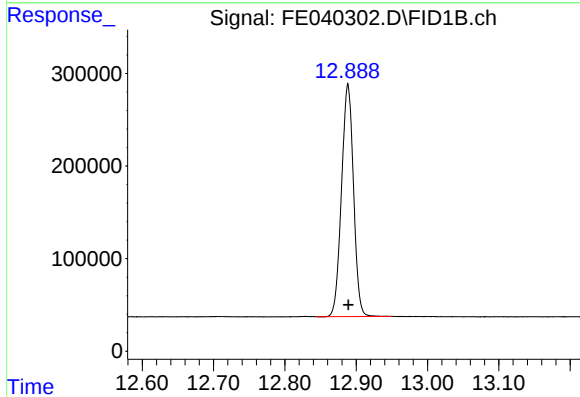
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 2993181
Conc: 20.12 ug/ml



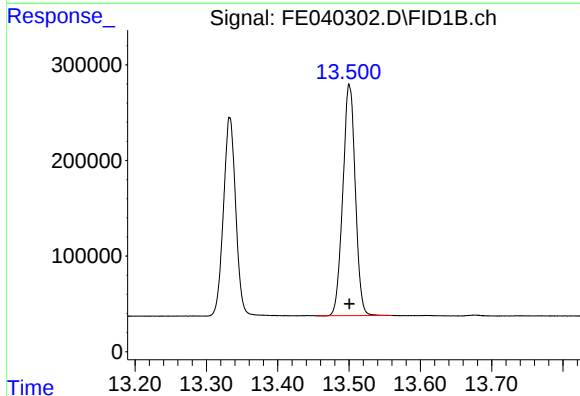
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3246337
Conc: 20.06 ug/ml



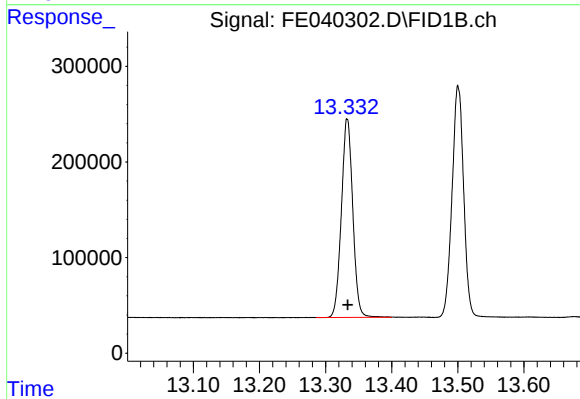
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: 0.000 min
Response: 2930683
Conc: 19.93 ug/ml



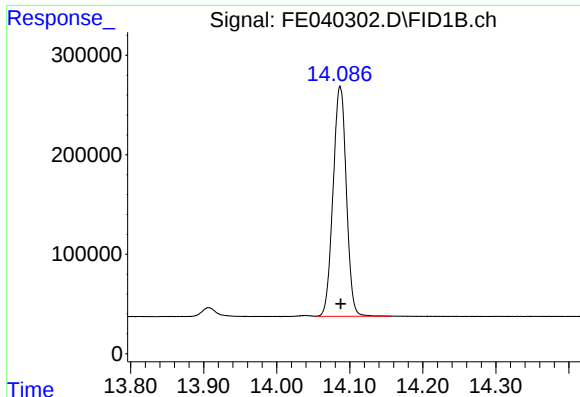
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: 0.000 min
Response: 2935135
Conc: 19.90 ug/ml



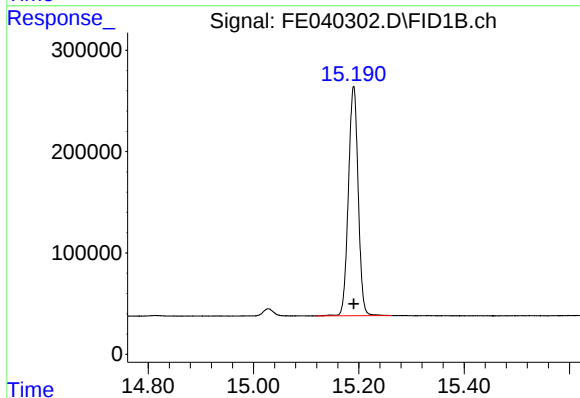
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 2485584
Conc: 20.04 ug/ml



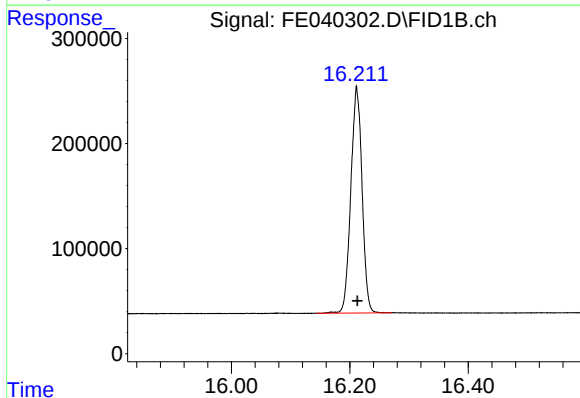
#13 n-Docosane (C22)

R.T.: 14.087 min
Delta R.T.: 0.000 min
Response: 2924960
Conc: 19.74 ug/ml



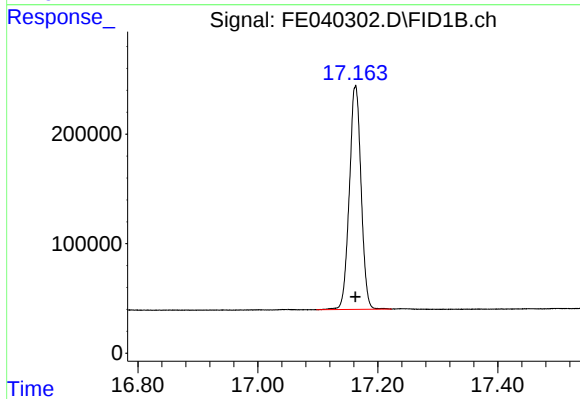
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: 0.000 min
Response: 2917366
Conc: 19.22 ug/ml



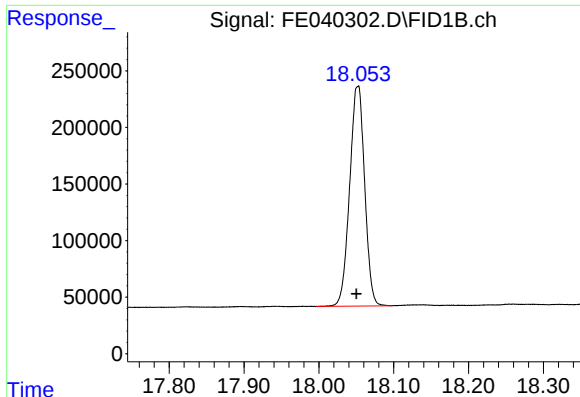
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: -0.001 min
Response: 2834512
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 2775110
Conc: 18.52 ug/ml



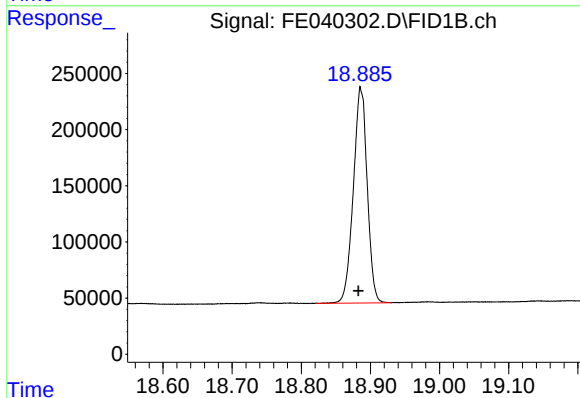
#17 n-Tricontane (C30)

R.T.: 18.052 min

Delta R.T.: 0.002 min

Response: 2707209

Conc: 18.35 ug/ml



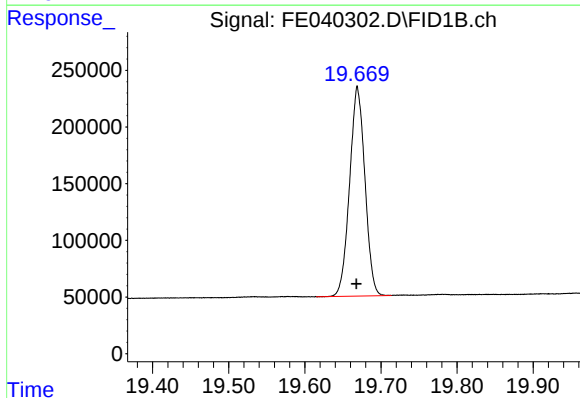
#18 n-Dotriacontane (C32)

R.T.: 18.886 min

Delta R.T.: 0.003 min

Response: 2676837

Conc: 18.28 ug/ml



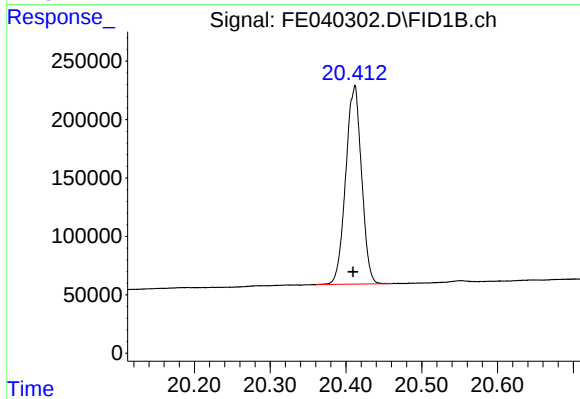
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min

Delta R.T.: 0.002 min

Response: 2580101

Conc: 18.76 ug/ml



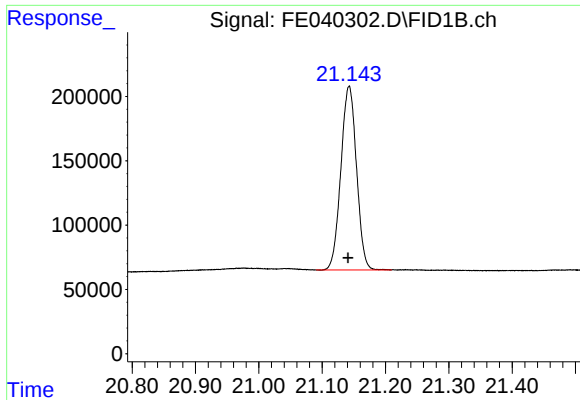
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min

Delta R.T.: 0.003 min

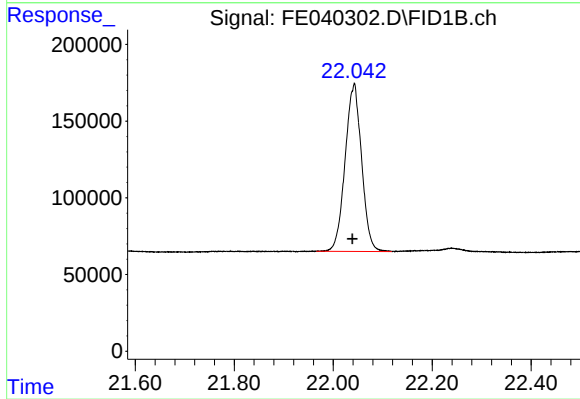
Response: 2463173

Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.002 min
Response: 2446980
Conc: 18.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: 0.004 min
Response: 2522853
Conc: 19.00 ug/ml