

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011723AL\
 Data File : FE039867.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2023 20:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 18 00:10:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.923	2960128	19.276 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.360	2292314	19.643 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
Target Compounds			
1) T n-Nonane (C9)	3.312	2607926	20.545 ug/ml
2) T n-Decane (C10)	4.562	2593316	20.882 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2881340	20.431 ug/ml
4) T n-Dodecane (C12)	6.727	2625398	20.882 ug/ml
5) T A~2-methylnaphthalene...	7.362	2700090	20.615 ug/ml
6) T n-Tetradecane (C14)	8.554	2670847	20.766 ug/ml
7) T n-Hexadecane (C16)	10.162	2760343	20.461 ug/ml
8) T n-Octadecane (C18)	11.605	2797762	19.966 ug/ml
10) T n-Eicosane (C20)	12.915	2711415	19.570 ug/ml
11) T n-Heneicosane (C21)	13.527	2694348	19.309 ug/ml
13) T n-Docosane (C22)	14.114	2678084	19.294 ug/ml
14) T n-Tetracosane (C24)	15.218	2671446	19.403 ug/ml
15) T n-Hexacosane (C26)	16.239	2598324	19.468 ug/ml
16) T n-Octacosane (C28)	17.189	2643186	20.305 ug/ml
17) T n-Tricontane (C30)	18.078	2737688	21.468 ug/ml
18) T n-Dotriacontane (C32)	18.912	2844165	22.498 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2653548	21.474 ug/ml
20) T n-Hexatriacontane (C36)	20.437	3247590	27.546 ug/ml
21) T n-Octatriacontane (C38)	21.174	3285084	27.486 ug/ml
22) T n-Tetracontane (C40)	22.084	2566197	21.144 ug/ml

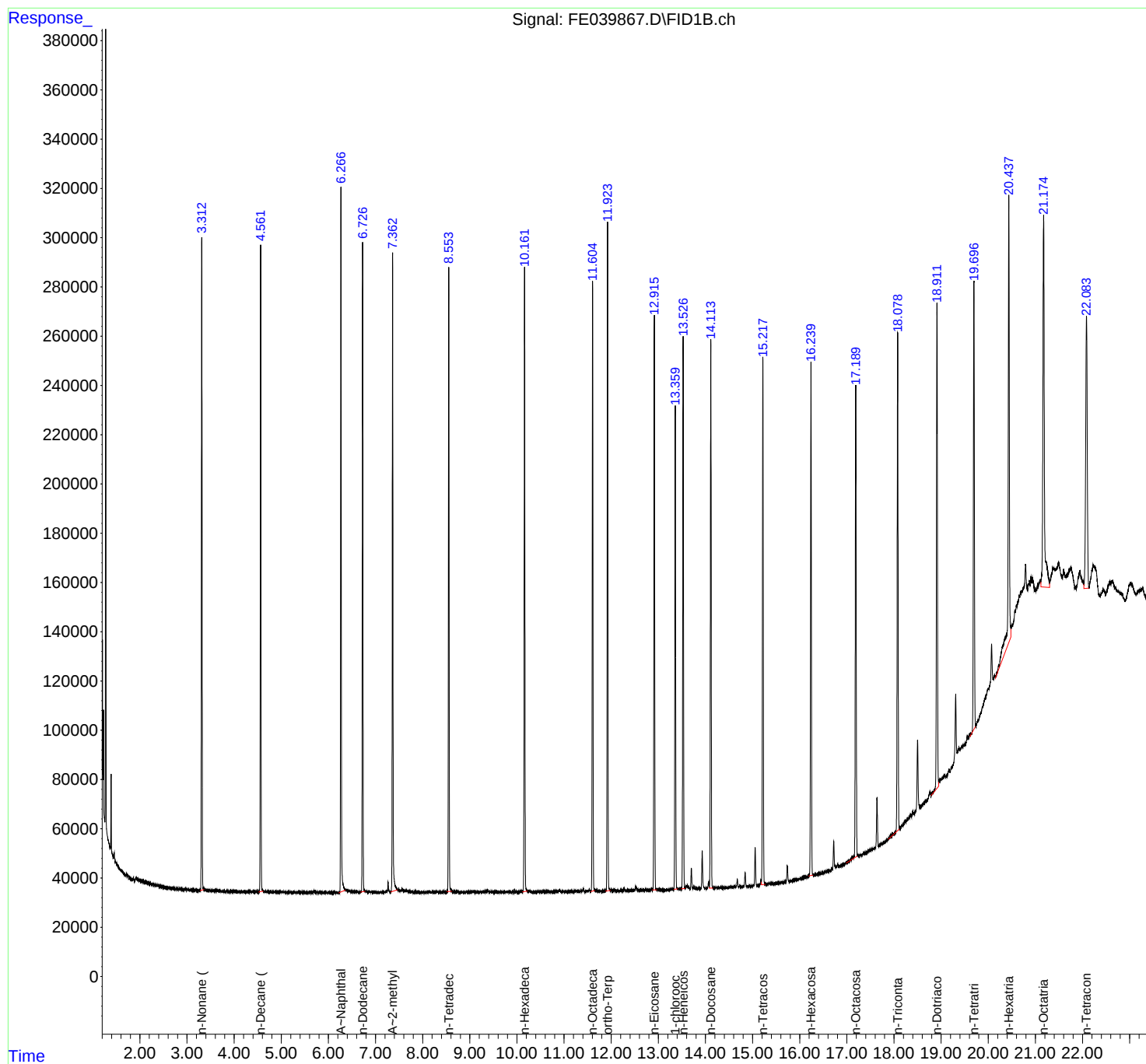
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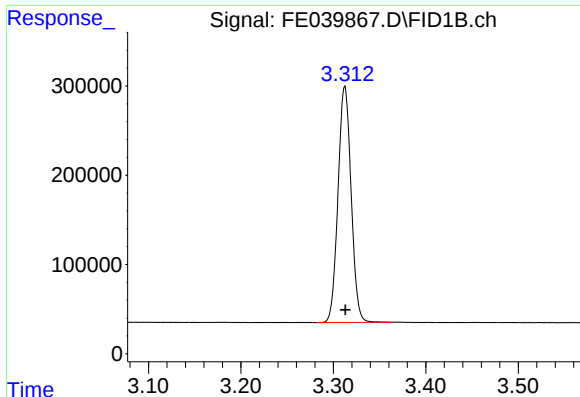
(m)=manual int.

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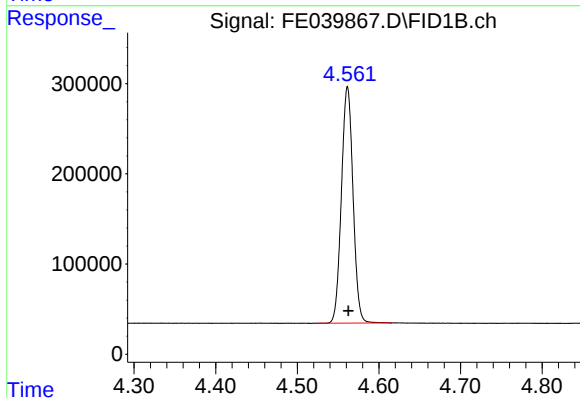
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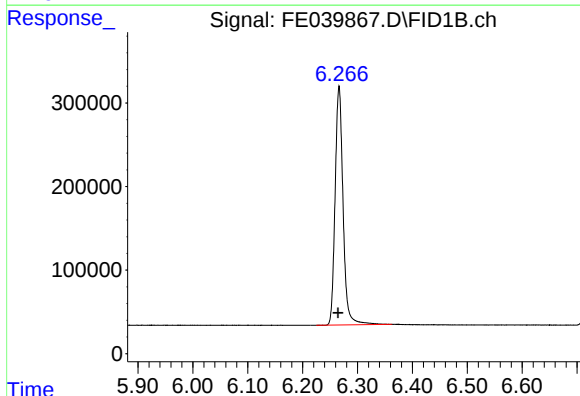
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2607926
Conc: 20.55 ug/ml



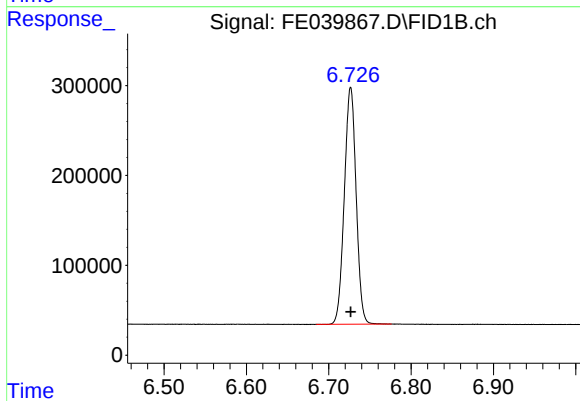
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 2593316
Conc: 20.88 ug/ml



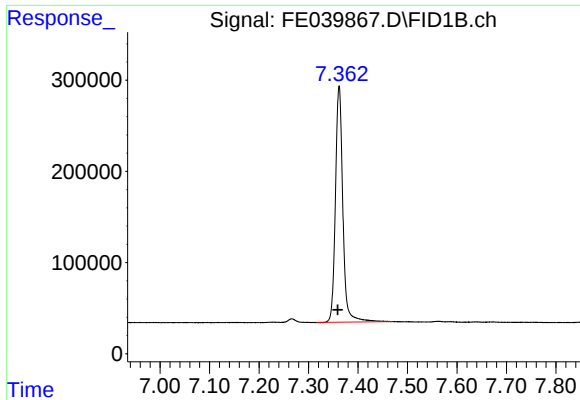
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 2881340
Conc: 20.43 ug/ml



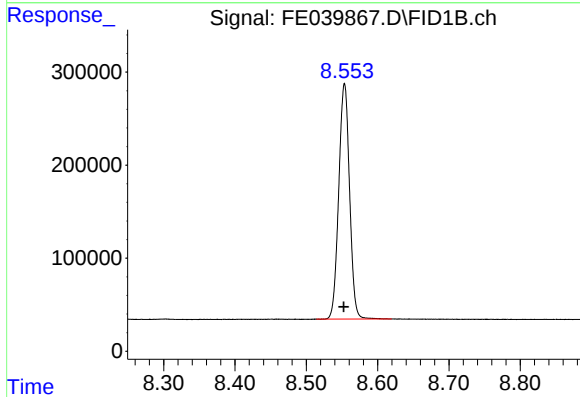
#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 2625398
Conc: 20.88 ug/ml



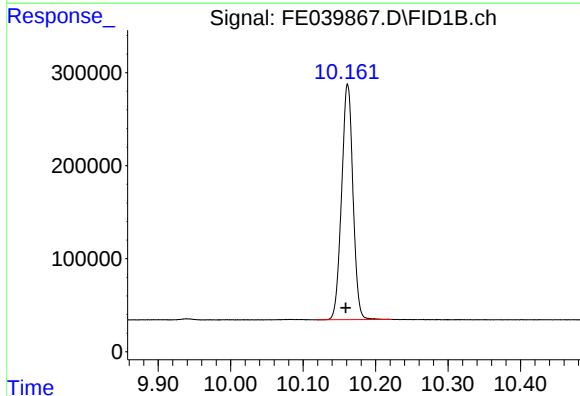
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: 0.003 min
Response: 2700090
Conc: 20.61 ug/ml



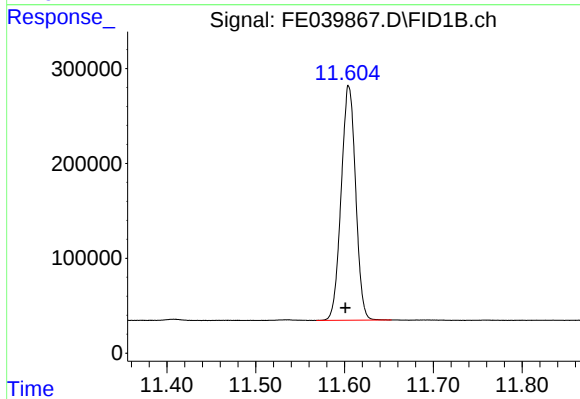
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: 0.001 min
Response: 2670847
Conc: 20.77 ug/ml



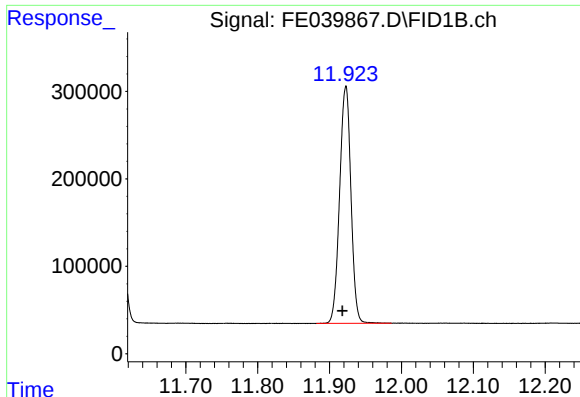
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: 0.002 min
Response: 2760343
Conc: 20.46 ug/ml



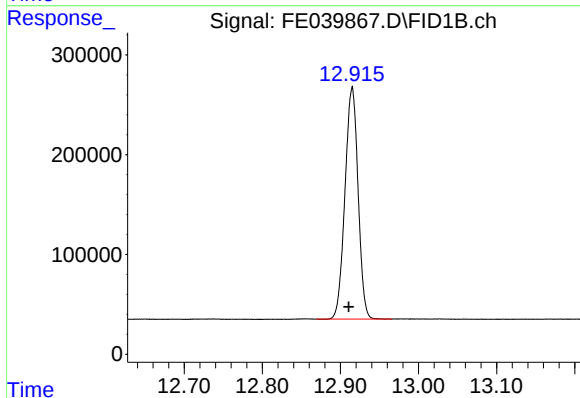
#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: 0.004 min
Response: 2797762
Conc: 19.97 ug/ml



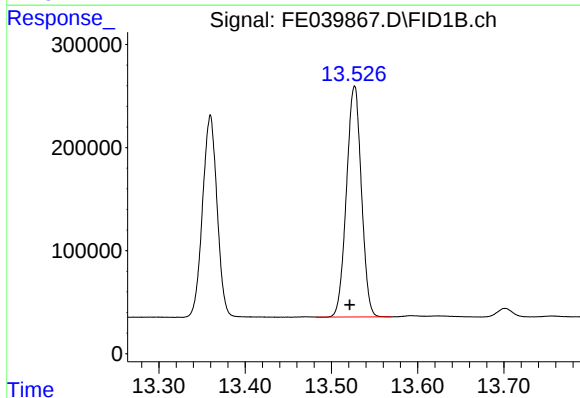
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: 0.005 min
Response: 2960128
Conc: 19.28 ug/ml



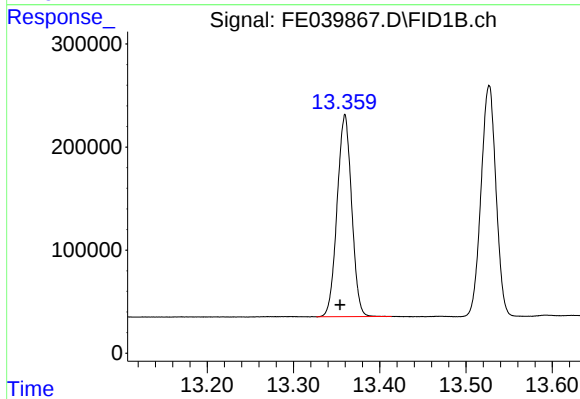
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.005 min
Response: 2711415
Conc: 19.57 ug/ml



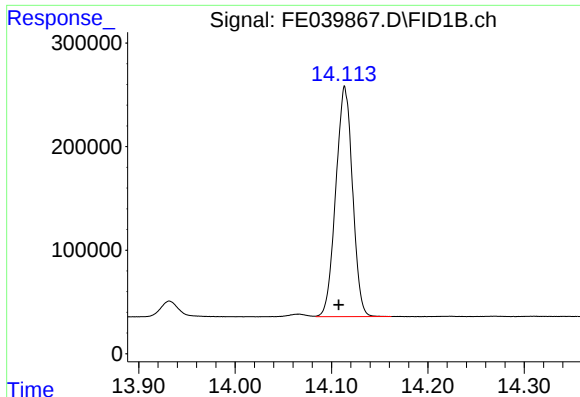
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.005 min
Response: 2694348
Conc: 19.31 ug/ml



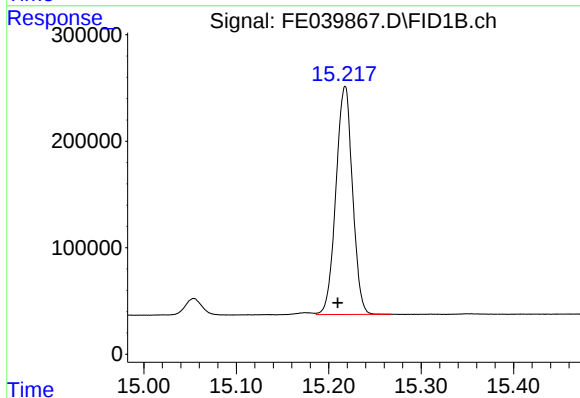
#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: 0.006 min
Response: 2292314
Conc: 19.64 ug/ml



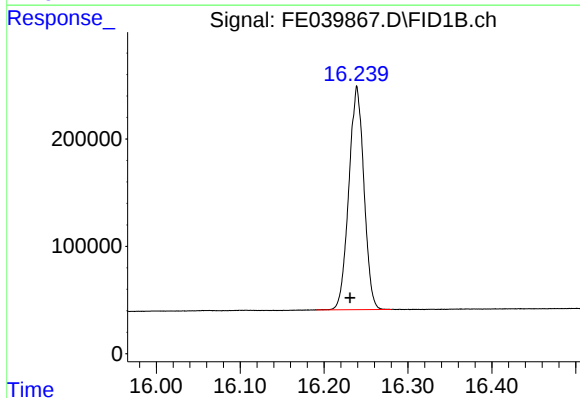
#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: 0.006 min
Response: 2678084
Conc: 19.29 ug/ml



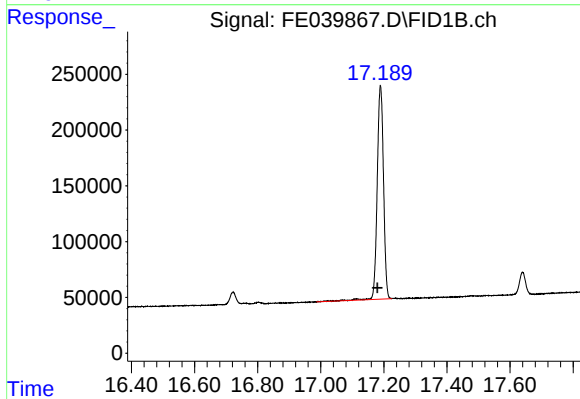
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.008 min
Response: 2671446
Conc: 19.40 ug/ml



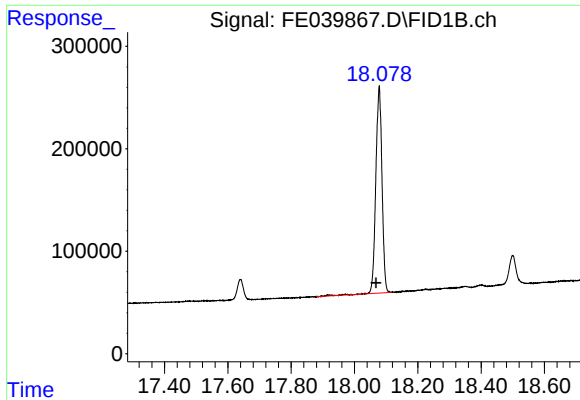
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: 0.008 min
Response: 2598324
Conc: 19.47 ug/ml



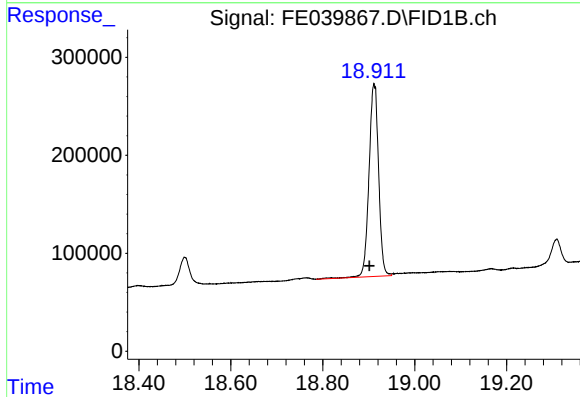
#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: 0.009 min
Response: 2643186
Conc: 20.30 ug/ml



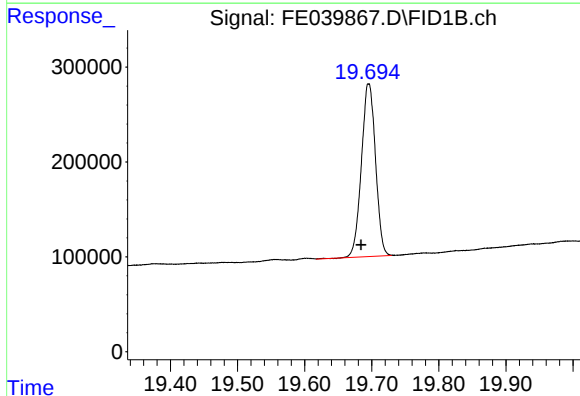
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: 0.010 min
Response: 2737688
Conc: 21.47 ug/ml



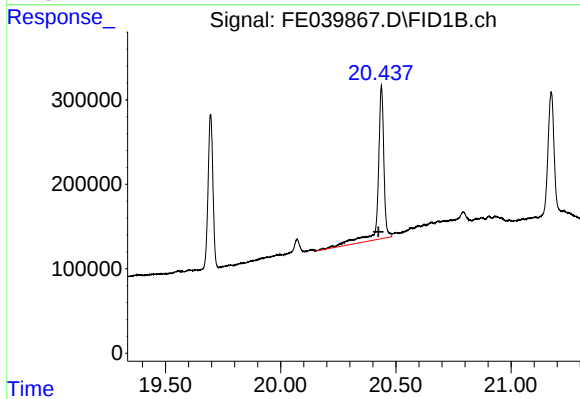
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.010 min
Response: 2844165
Conc: 22.50 ug/ml



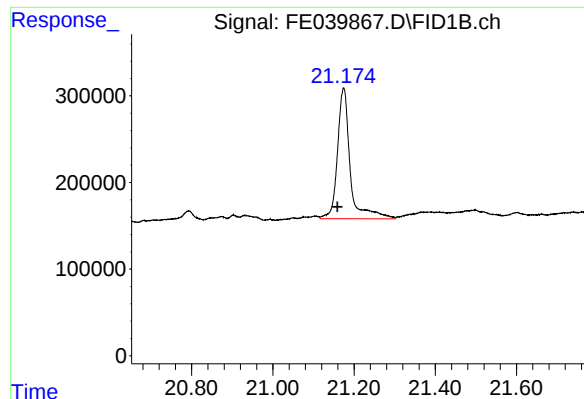
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.011 min
Response: 2653548
Conc: 21.47 ug/ml



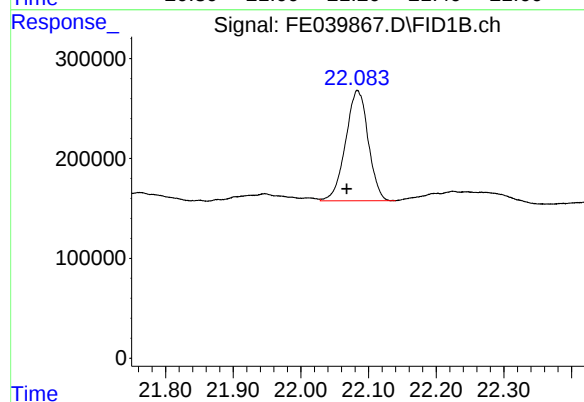
#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.012 min
Response: 3247590
Conc: 27.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: 0.015 min
Response: 3285084
Conc: 27.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: 0.016 min
Response: 2566197
Conc: 21.14 ug/ml