

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083025AL\
 Data File : FE055589.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2025 09:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 01 01:38:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 2025
 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)	12.075	3158634	19.227 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
12) S 1-chlorooctadecane (S...	13.511	2412852	19.296 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.413	2439994	19.227 ug/ml
2) T n-Decane (C10)	4.671	2465856	19.250 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2804437	19.303 ug/ml
4) T n-Dodecane (C12)	6.847	2502108	19.216 ug/ml
5) T A~2-methylnaphthalene...	7.491	2709992	19.268 ug/ml
6) T n-Tetradecane (C14)	8.684	2520116	19.136 ug/ml
7) T n-Hexadecane (C16)	10.299	2638195	19.049 ug/ml
8) T n-Octadecane (C18)	11.748	2798672	19.187 ug/ml
10) T n-Eicosane (C20)	13.063	2760561	19.178 ug/ml
11) T n-Heneicosane (C21)	13.677	2741286	19.191 ug/ml
13) T n-Docosane (C22)	14.266	2753468	19.236 ug/ml
14) T n-Tetracosane (C24)	15.372	2818110	19.476 ug/ml
15) T n-Hexacosane (C26)	16.396	2761003	19.326 ug/ml
16) T n-Octacosane (C28)	17.348	2776762	19.522 ug/ml
17) T n-Tricontane (C30)	18.239	3021920	20.443 ug/ml
18) T n-Dotriacontane (C32)	19.072	3203040	21.823 ug/ml
19) T n-Tetratriacontane (C34)	19.858	3158753	22.357 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2896684	21.952 ug/ml
21) T n-Octatriacontane (C38)	21.376	2732041	20.977 ug/ml
22) T n-Tetracontane (C40)	22.362	2623518	20.458 ug/ml

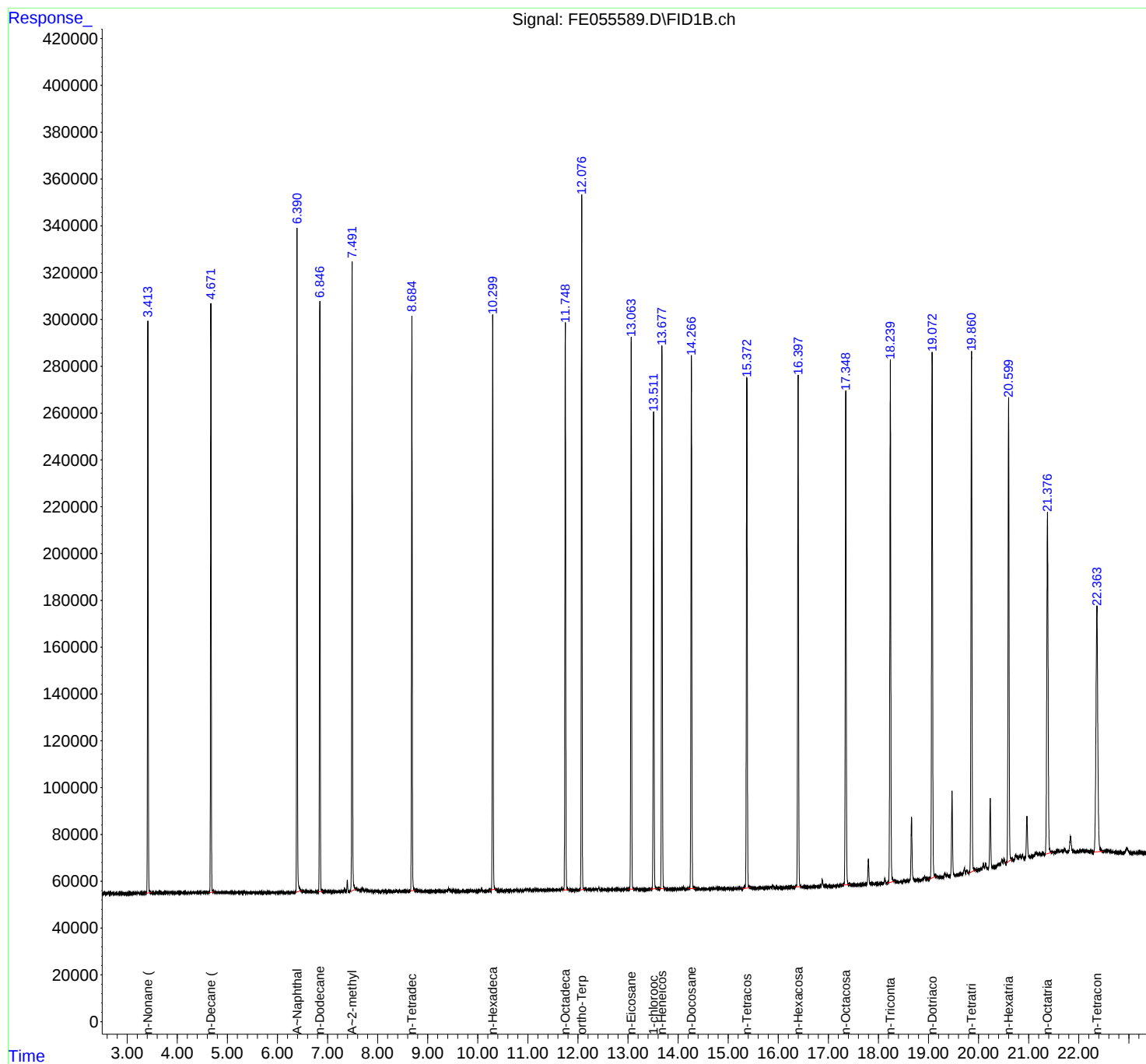
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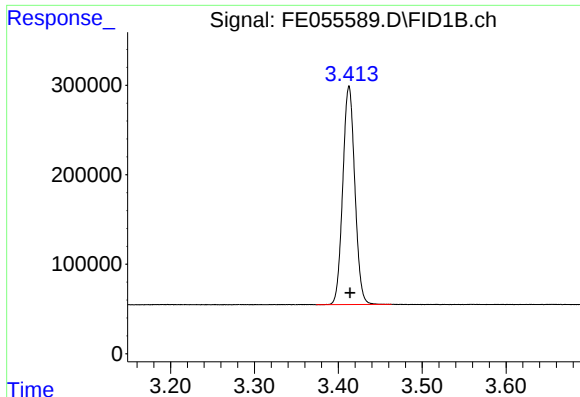
(m)=manual int.

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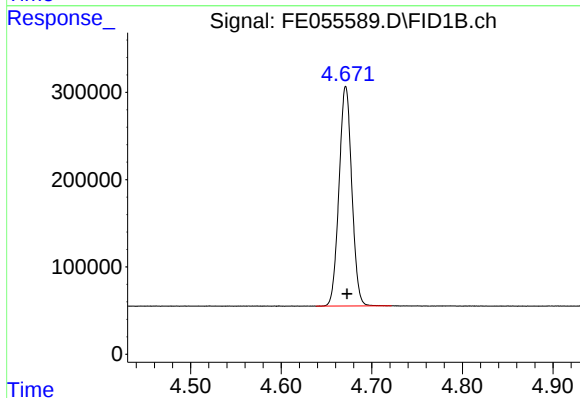
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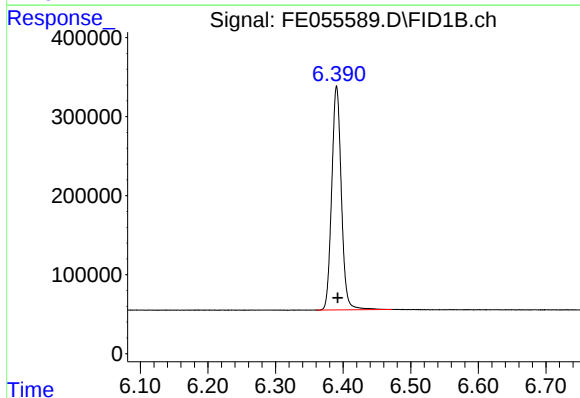
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.001 min
Response: 2439994
Conc: 19.23 ug/ml



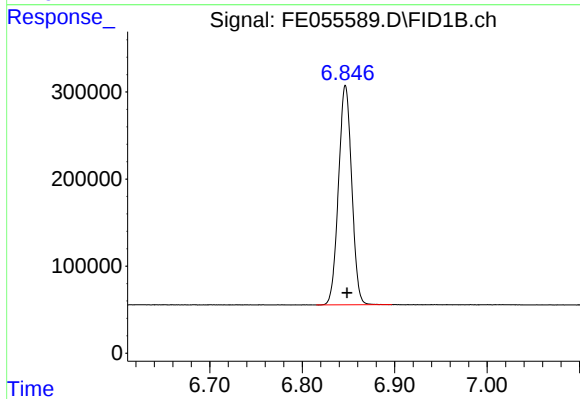
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.001 min
Response: 2465856
Conc: 19.25 ug/ml



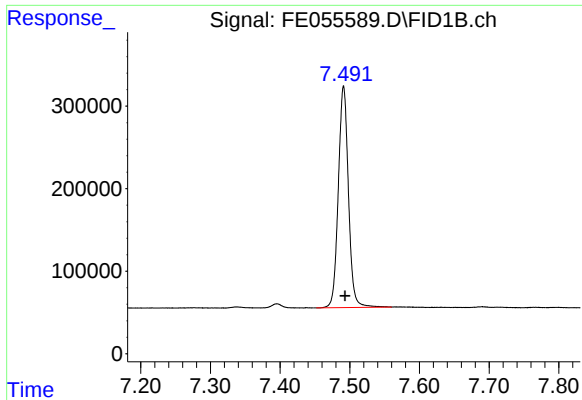
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 2804437
Conc: 19.30 ug/ml



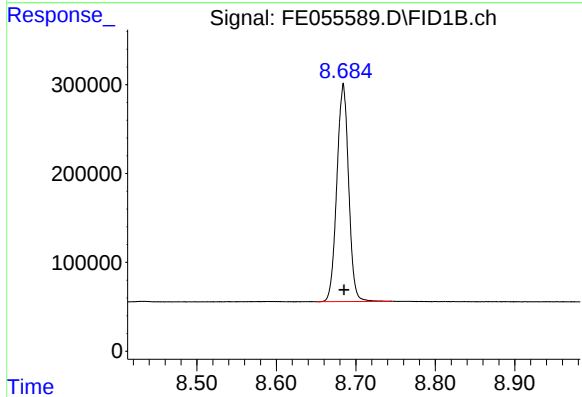
#4 n-Dodecane (C12)

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 2502108
Conc: 19.22 ug/ml



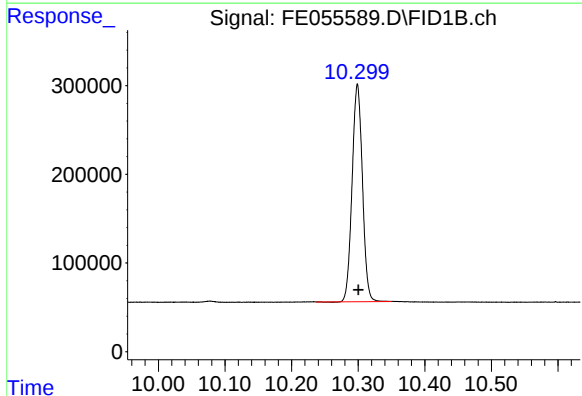
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2709992
Conc: 19.27 ug/ml



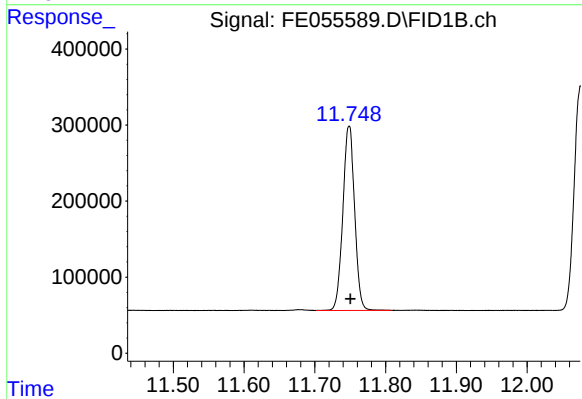
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: -0.001 min
Response: 2520116
Conc: 19.14 ug/ml



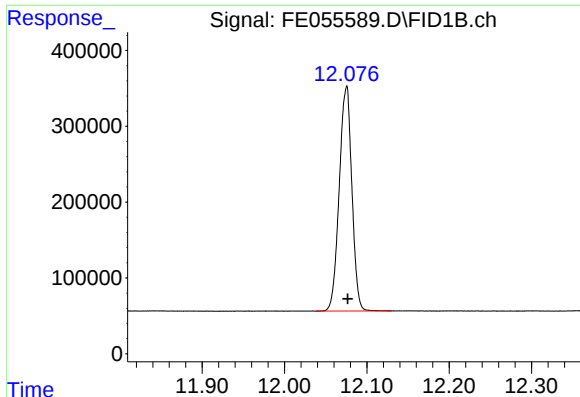
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: -0.001 min
Response: 2638195
Conc: 19.05 ug/ml



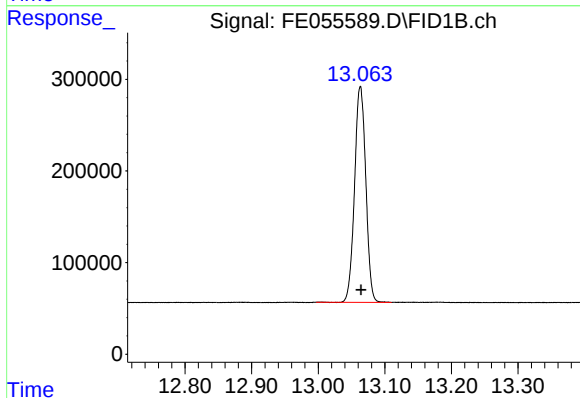
#8 n-Octadecane (C18)

R.T.: 11.748 min
Delta R.T.: -0.002 min
Response: 2798672
Conc: 19.19 ug/ml



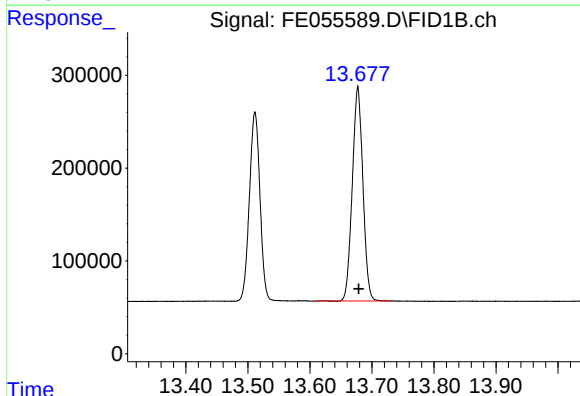
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.002 min
Response: 3158634
Conc: 19.23 ug/ml



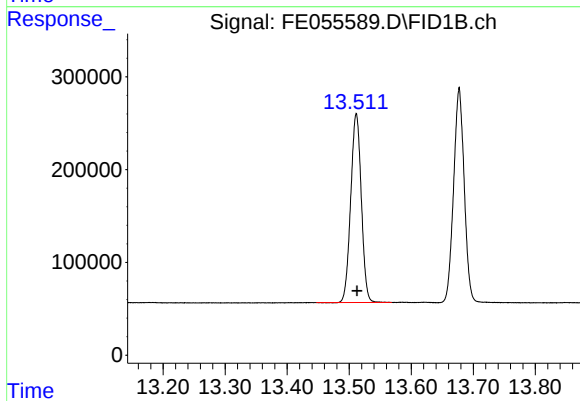
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: -0.001 min
Response: 2760561
Conc: 19.18 ug/ml



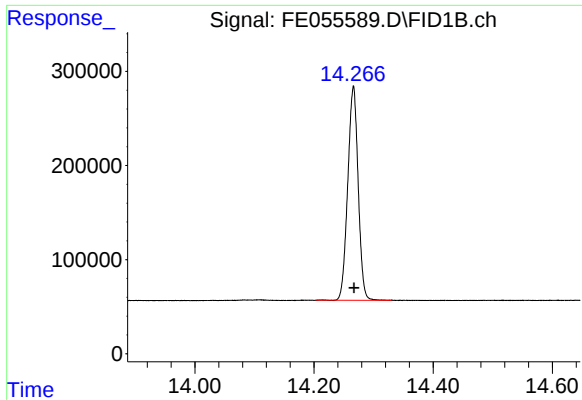
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: -0.002 min
Response: 2741286
Conc: 19.19 ug/ml



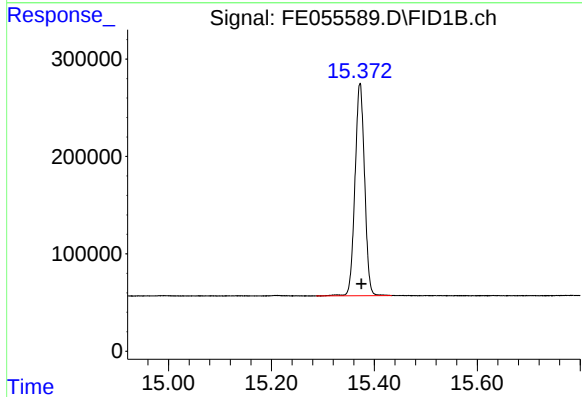
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.001 min
Response: 2412852
Conc: 19.30 ug/ml



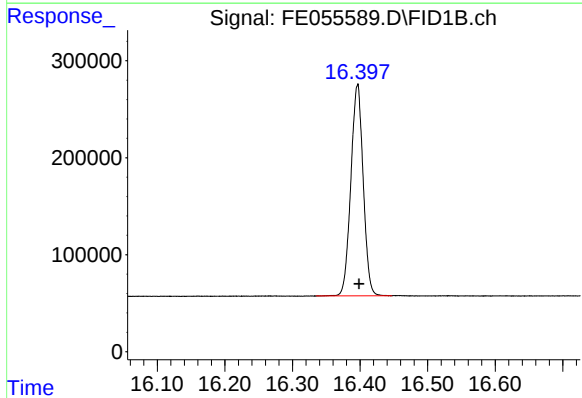
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.001 min
Response: 2753468
Conc: 19.24 ug/ml



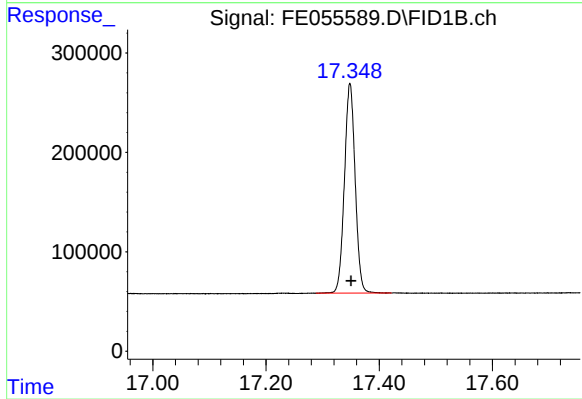
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.002 min
Response: 2818110
Conc: 19.48 ug/ml



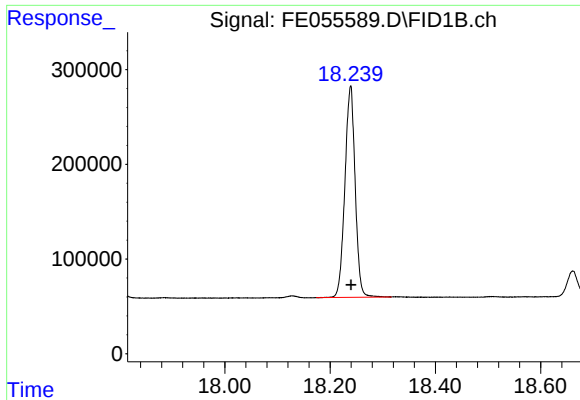
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.002 min
Response: 2761003
Conc: 19.33 ug/ml



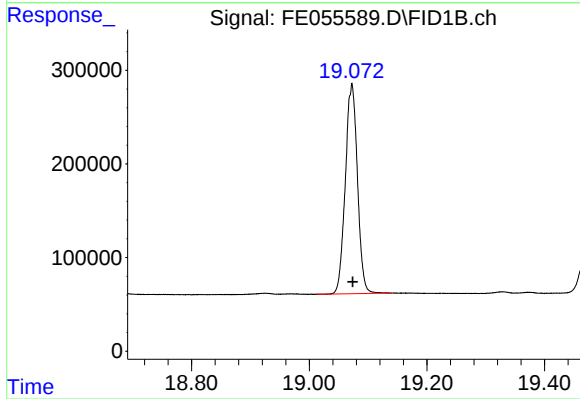
#16 n-Octacosane (C28)

R.T.: 17.348 min
Delta R.T.: -0.002 min
Response: 2776762
Conc: 19.52 ug/ml



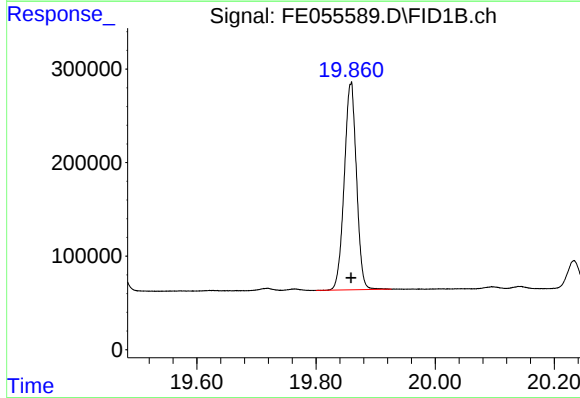
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: -0.001 min
Response: 3021920
Conc: 20.44 ug/ml



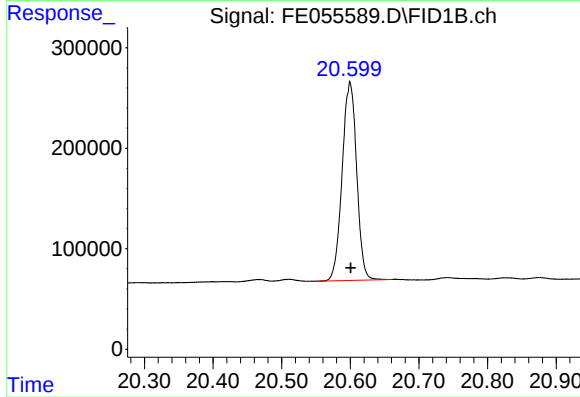
#18 n-Dotriacontane (C32)

R.T.: 19.072 min
Delta R.T.: -0.001 min
Response: 3203040
Conc: 21.82 ug/ml



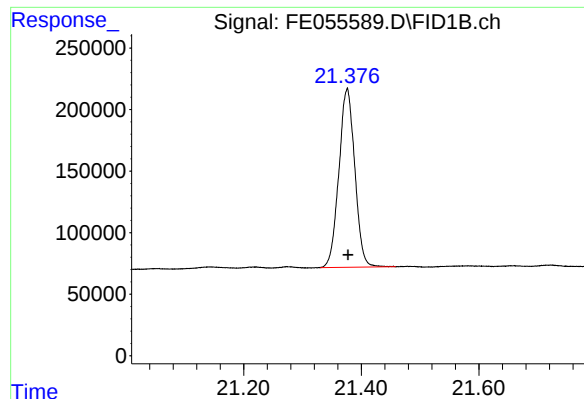
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.000 min
Response: 3158753
Conc: 22.36 ug/ml



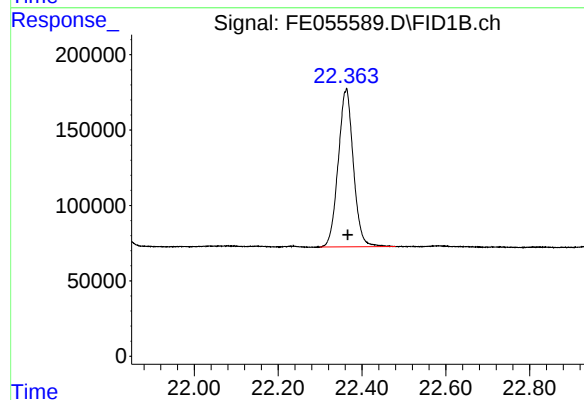
#20 n-Hexatriacontane (C36)

R.T.: 20.599 min
Delta R.T.: -0.001 min
Response: 2896684
Conc: 21.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: -0.001 min
Response: 2732041
Conc: 20.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.362 min
Delta R.T.: -0.004 min
Response: 2623518
Conc: 20.46 ug/ml