

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083025AL\
 Data File : FE055596.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2025 14:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 01 01:40:57 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	3194885	19.447 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	13.511	2442345	19.532 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T n-Nonane (C9)	3.413	2470793	19.470 ug/ml
2) T n-Decane (C10)	4.671	2493811	19.468 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2840257	19.549 ug/ml
4) T n-Dodecane (C12)	6.847	2539124	19.500 ug/ml
5) T A~2-methylnaphthalene...	7.491	2744969	19.516 ug/ml
6) T n-Tetradecane (C14)	8.684	2560915	19.446 ug/ml
7) T n-Hexadecane (C16)	10.299	2679941	19.350 ug/ml
8) T n-Octadecane (C18)	11.749	2830020	19.402 ug/ml
10) T n-Eicosane (C20)	13.063	2793839	19.409 ug/ml
11) T n-Heneicosane (C21)	13.677	2780957	19.468 ug/ml
13) T n-Docosane (C22)	14.265	2783802	19.448 ug/ml
14) T n-Tetracosane (C24)	15.373	2846514	19.672 ug/ml
15) T n-Hexacosane (C26)	16.396	2794790	19.563 ug/ml
16) T n-Octacosane (C28)	17.349	2791315	19.624 ug/ml
17) T n-Tricontane (C30)	18.239	2913648	19.711 ug/ml
18) T n-Dotriacontane (C32)	19.073	2927373	19.945 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2826189	20.003 ug/ml
20) T n-Hexatriacontane (C36)	20.600	2646555	20.056 ug/ml
21) T n-Octatriacontane (C38)	21.378	2565663	19.700 ug/ml
22) T n-Tetracontane (C40)	22.364	2521858	19.665 ug/ml

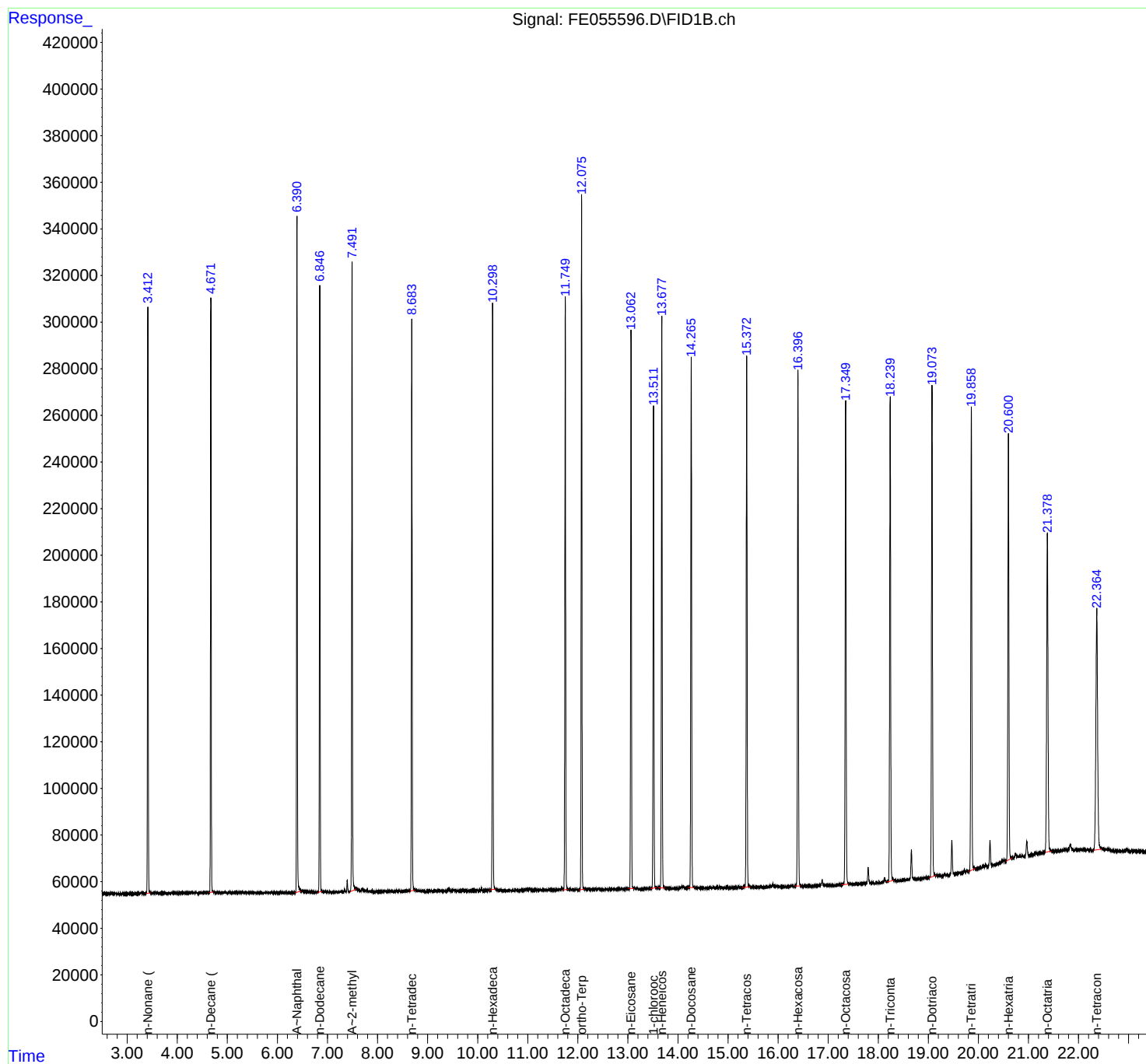
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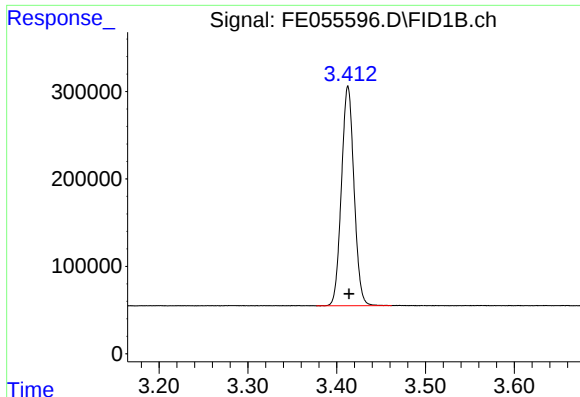
(m)=manual int.

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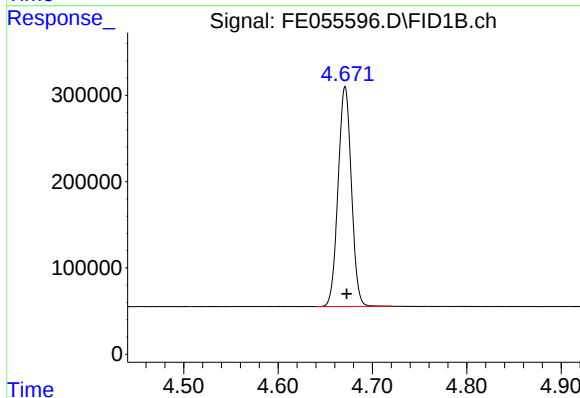
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





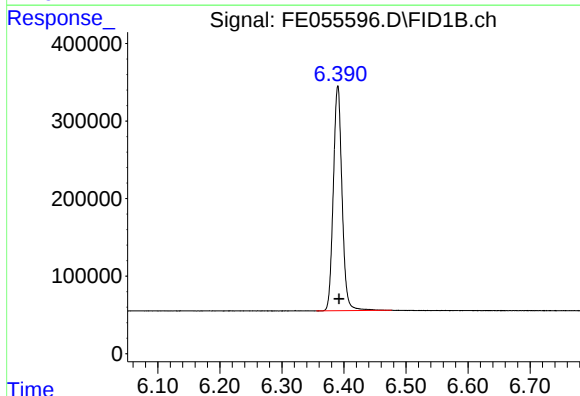
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.001 min
Response: 2470793
Conc: 19.47 ug/ml



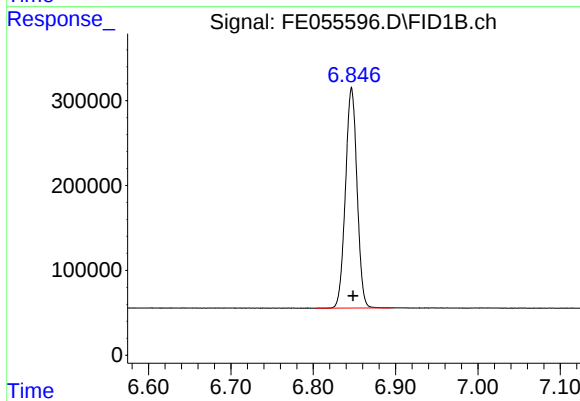
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 2493811
Conc: 19.47 ug/ml



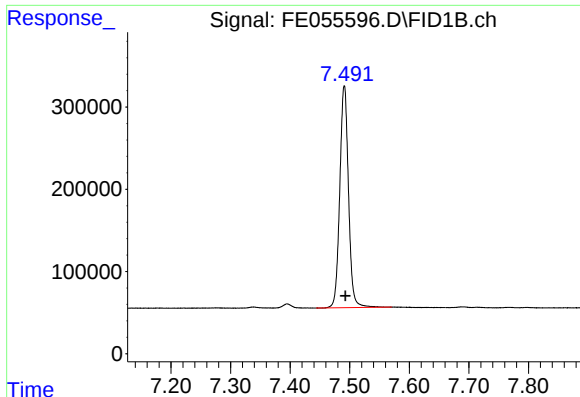
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 2840257
Conc: 19.55 ug/ml



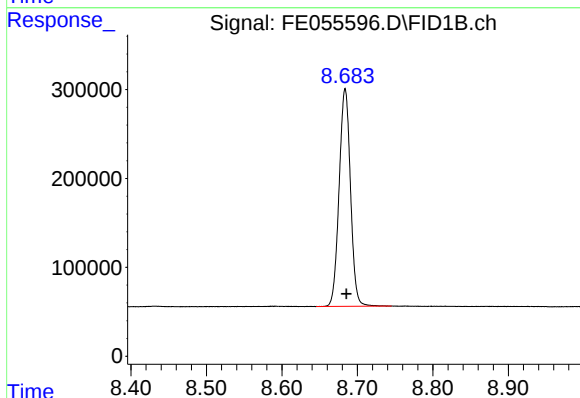
#4 n-Dodecane (C12)

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 2539124
Conc: 19.50 ug/ml



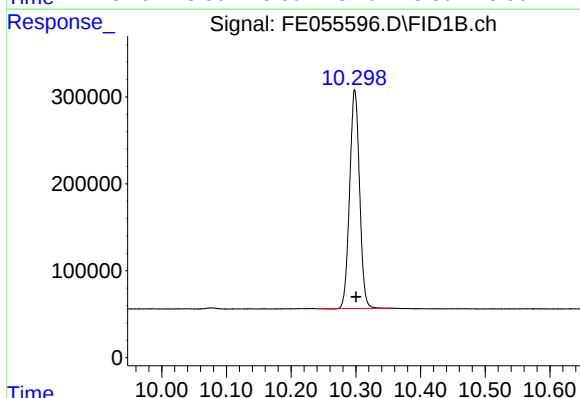
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2744969
Conc: 19.52 ug/ml



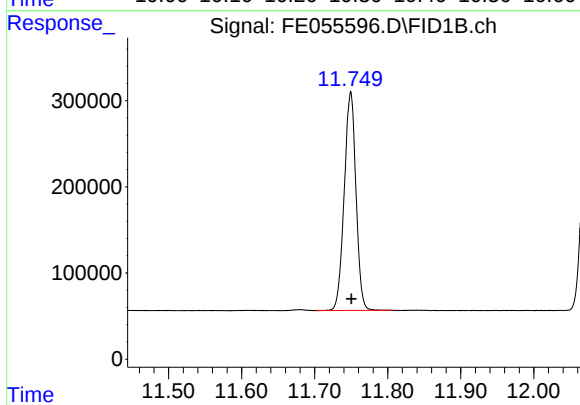
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 2560915
Conc: 19.45 ug/ml



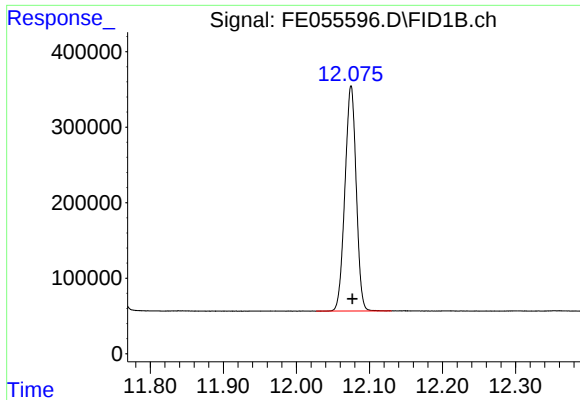
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: -0.002 min
Response: 2679941
Conc: 19.35 ug/ml



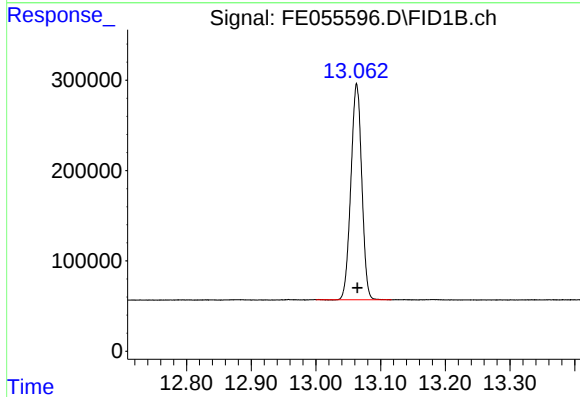
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: -0.001 min
Response: 2830020
Conc: 19.40 ug/ml



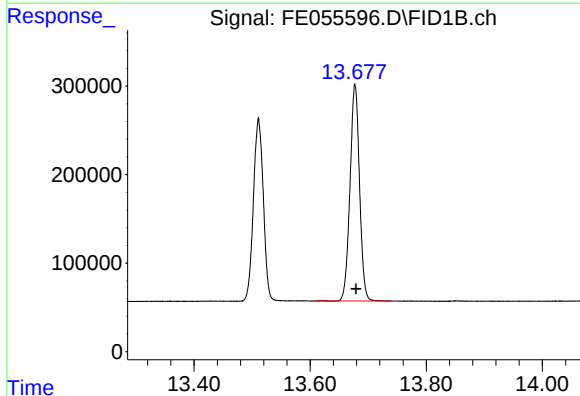
#9 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: -0.002 min
Response: 3194885
Conc: 19.45 ug/ml



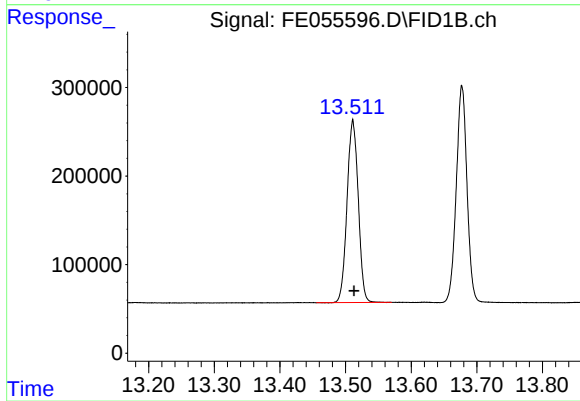
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: -0.001 min
Response: 2793839
Conc: 19.41 ug/ml



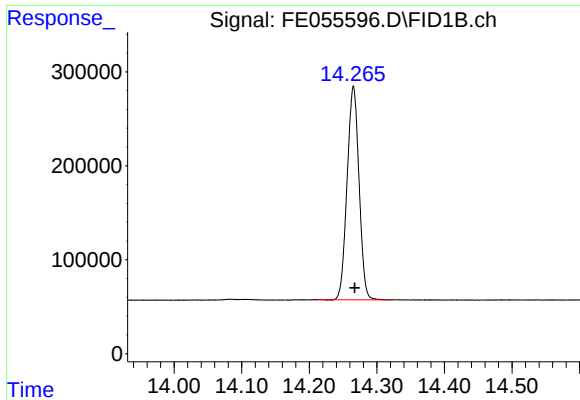
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: -0.001 min
Response: 2780957
Conc: 19.47 ug/ml



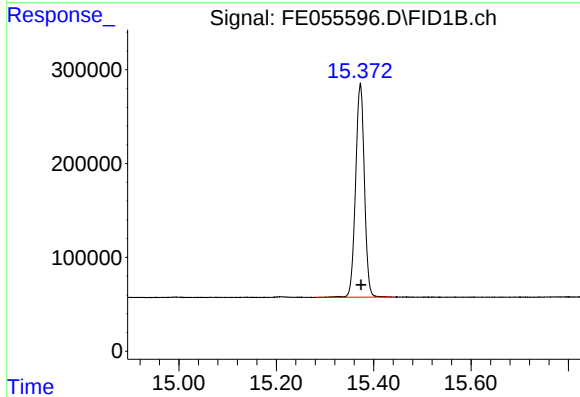
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 2442345
Conc: 19.53 ug/ml



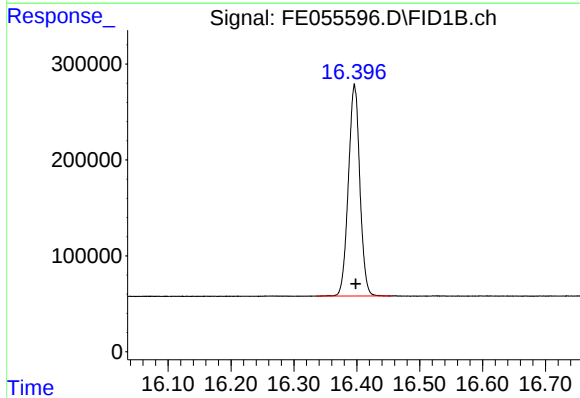
#13 n-Docosane (C22)

R.T.: 14.265 min
Delta R.T.: -0.002 min
Response: 2783802
Conc: 19.45 ug/ml



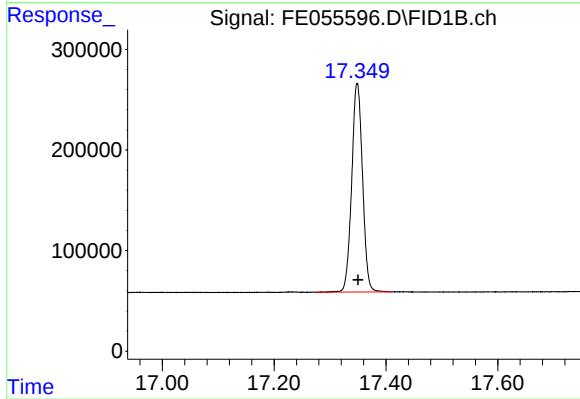
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.002 min
Response: 2846514
Conc: 19.67 ug/ml



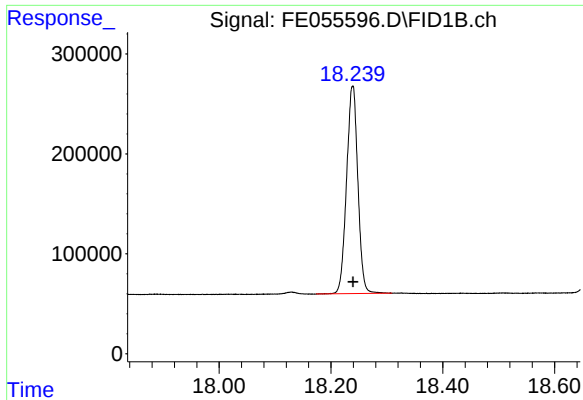
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.002 min
Response: 2794790
Conc: 19.56 ug/ml



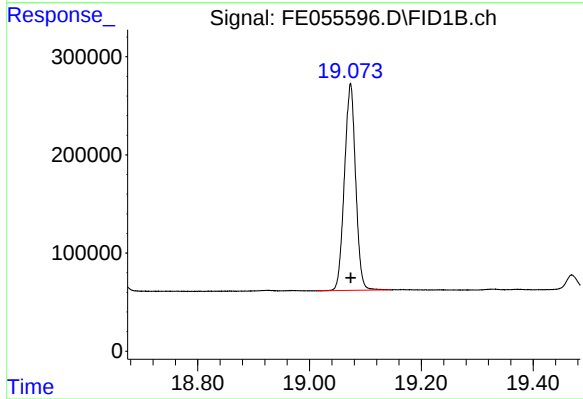
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: -0.002 min
Response: 2791315
Conc: 19.62 ug/ml



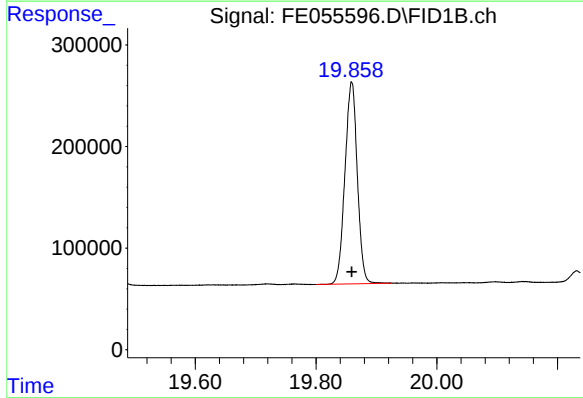
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 2913648
Conc: 19.71 ug/ml



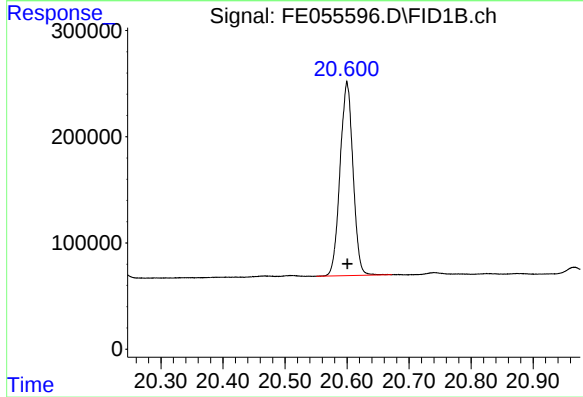
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.000 min
Response: 2927373
Conc: 19.94 ug/ml



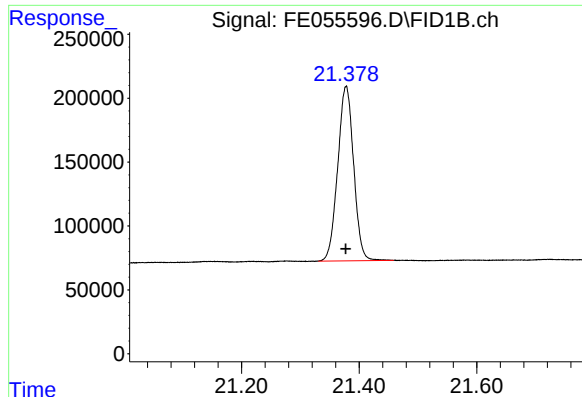
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.000 min
Response: 2826189
Conc: 20.00 ug/ml



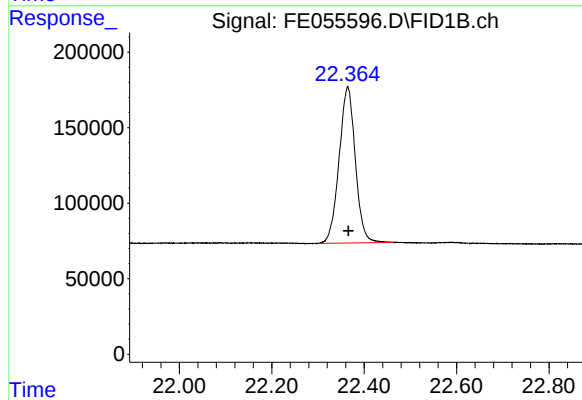
#20 n-Hexatriacontane (C36)

R.T.: 20.600 min
Delta R.T.: 0.000 min
Response: 2646555
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 2565663
Conc: 19.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: -0.002 min
Response: 2521858
Conc: 19.67 ug/ml