

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083025AL\
 Data File : FE055615.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2025 00:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 01 01:47:00 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)	12.076	3254025	19.807 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	13.512	2491503	19.925 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T n-Nonane (C9)	3.414	2537219	19.994 ug/ml
2) T n-Decane (C10)	4.672	2567428	20.043 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2919363	20.094 ug/ml
4) T n-Dodecane (C12)	6.848	2620576	20.125 ug/ml
5) T A~2-methylnaphthalene...	7.492	2827118	20.100 ug/ml
6) T n-Tetradecane (C14)	8.685	2655739	20.166 ug/ml
7) T n-Hexadecane (C16)	10.300	2778965	20.065 ug/ml
8) T n-Octadecane (C18)	11.749	2930586	20.092 ug/ml
10) T n-Eicosane (C20)	13.064	2872686	19.957 ug/ml
11) T n-Heneicosane (C21)	13.678	2833594	19.837 ug/ml
13) T n-Docosane (C22)	14.267	2832604	19.788 ug/ml
14) T n-Tetracosane (C24)	15.374	2857797	19.750 ug/ml
15) T n-Hexacosane (C26)	16.397	2787051	19.509 ug/ml
16) T n-Octacosane (C28)	17.349	2785896	19.586 ug/ml
17) T n-Tricontane (C30)	18.240	2929907	19.821 ug/ml
18) T n-Dotriacontane (C32)	19.074	2962087	20.181 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2852370	20.189 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2664682	20.194 ug/ml
21) T n-Octatriacontane (C38)	21.378	2651785	20.361 ug/ml
22) T n-Tetracontane (C40)	22.366	2559700	19.960 ug/ml

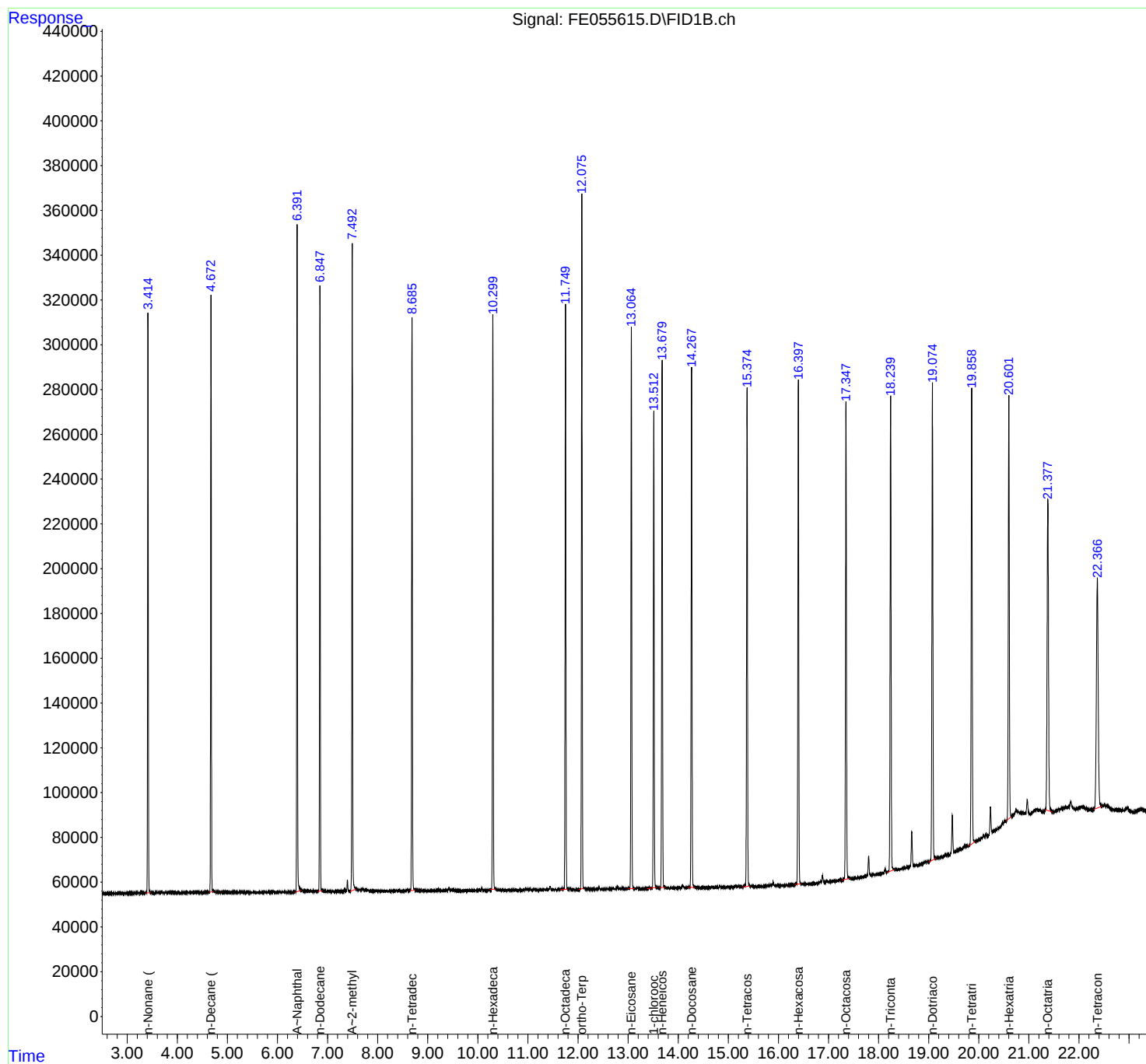
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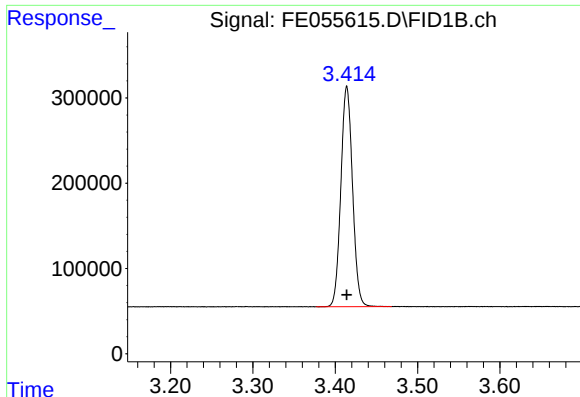
(m)=manual int.

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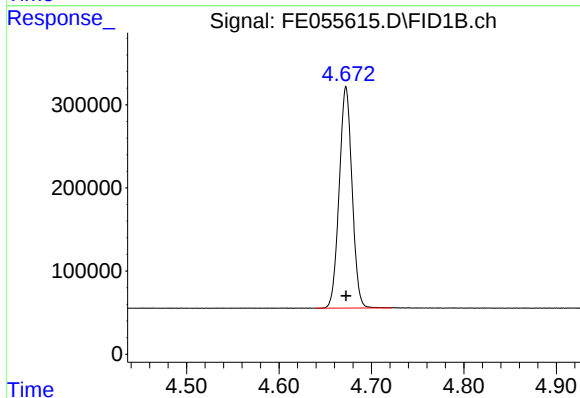
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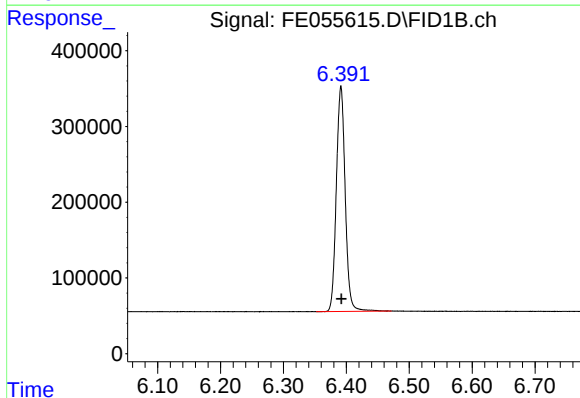
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2537219
Conc: 19.99 ug/ml



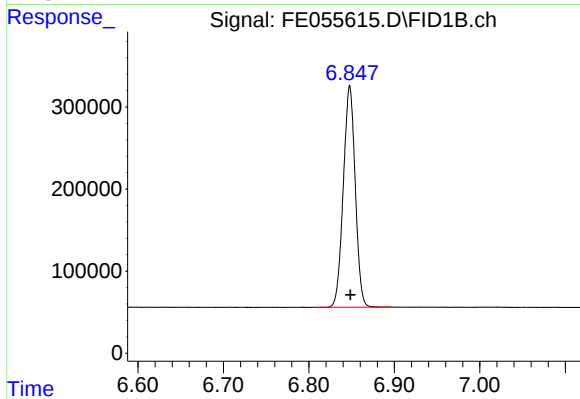
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2567428
Conc: 20.04 ug/ml



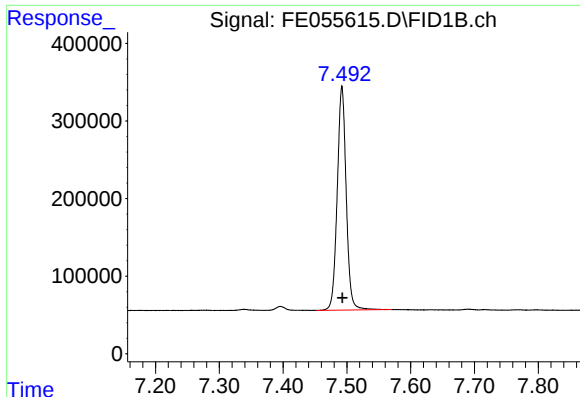
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2919363
Conc: 20.09 ug/ml



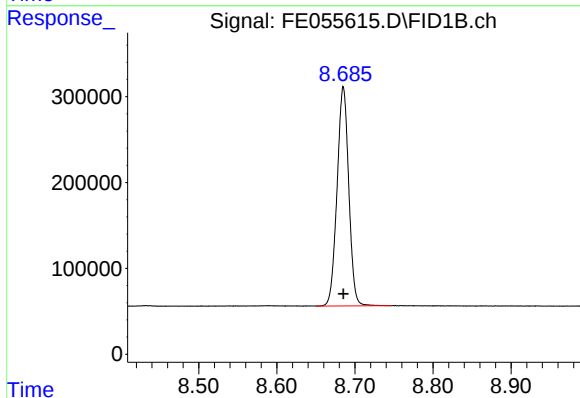
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 2620576
Conc: 20.13 ug/ml



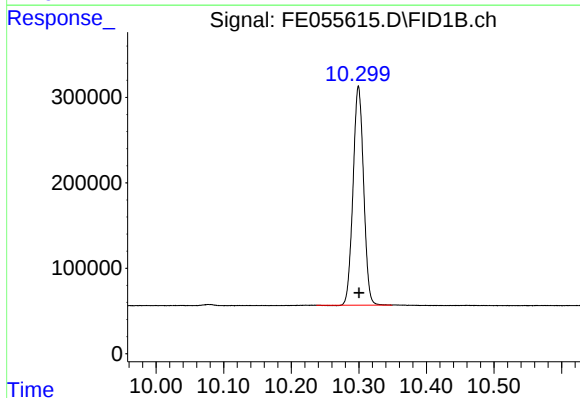
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 2827118
Conc: 20.10 ug/ml



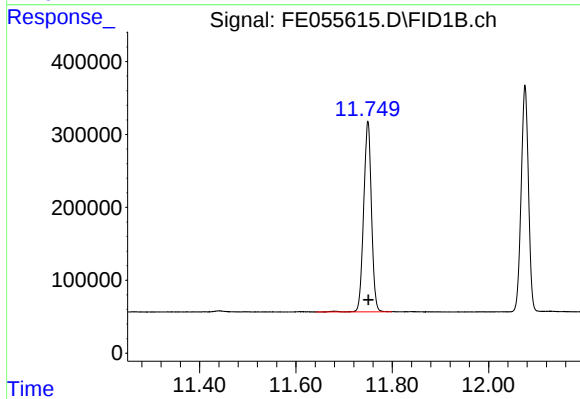
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2655739
Conc: 20.17 ug/ml



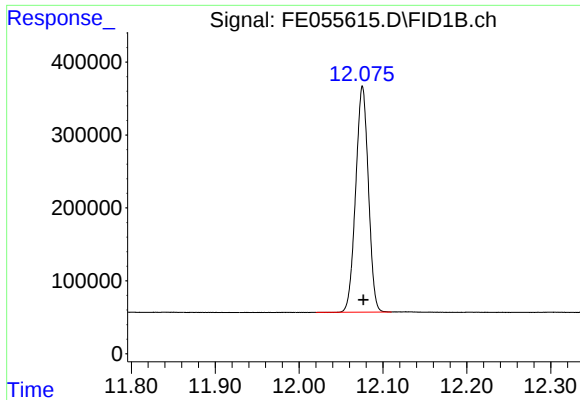
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 2778965
Conc: 20.07 ug/ml



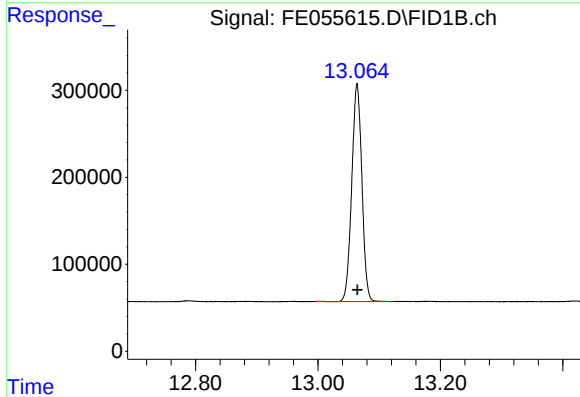
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: 0.000 min
Response: 2930586
Conc: 20.09 ug/ml



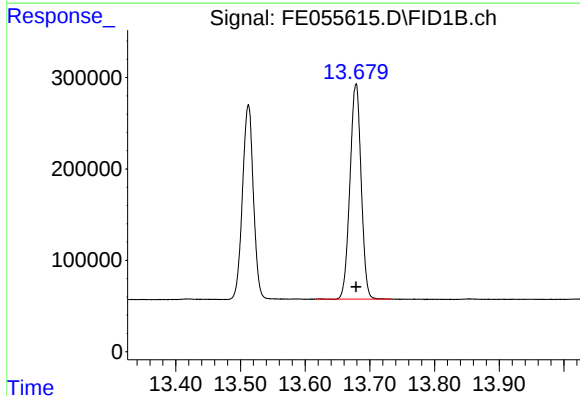
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: -0.001 min
Response: 3254025
Conc: 19.81 ug/ml



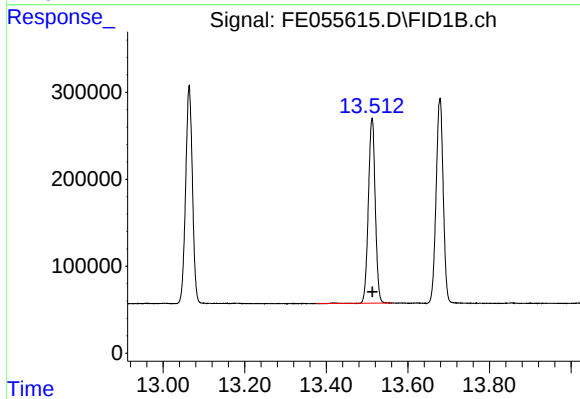
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2872686
Conc: 19.96 ug/ml



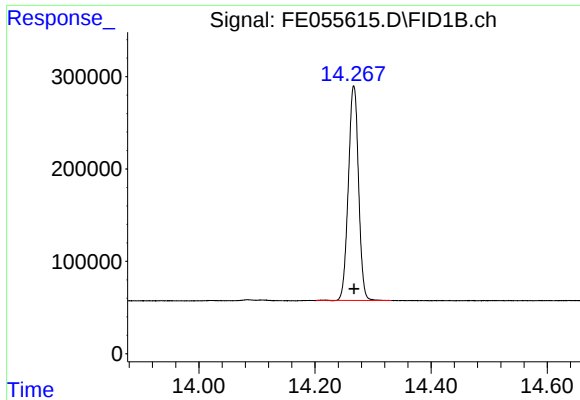
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 2833594
Conc: 19.84 ug/ml



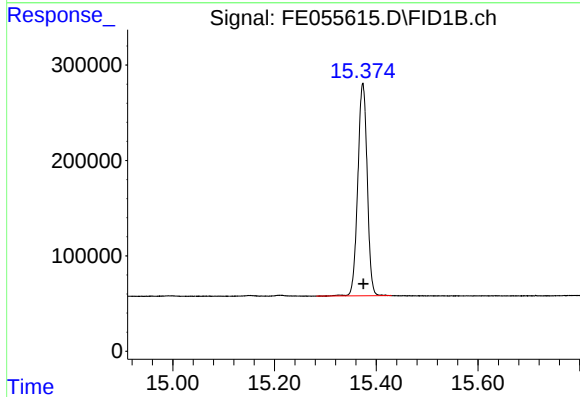
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 2491503
Conc: 19.92 ug/ml



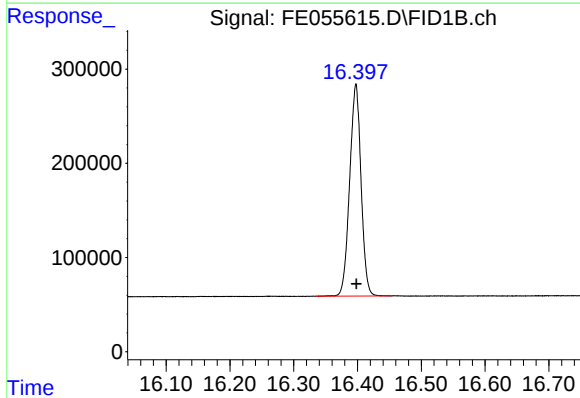
#13 n-Docosane (C22)

R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2832604
Conc: 19.79 ug/ml



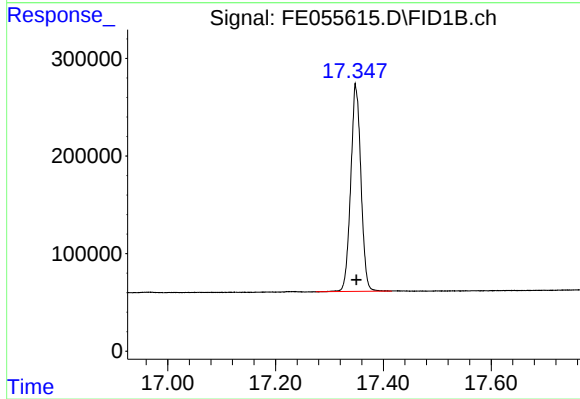
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.001 min
Response: 2857797
Conc: 19.75 ug/ml



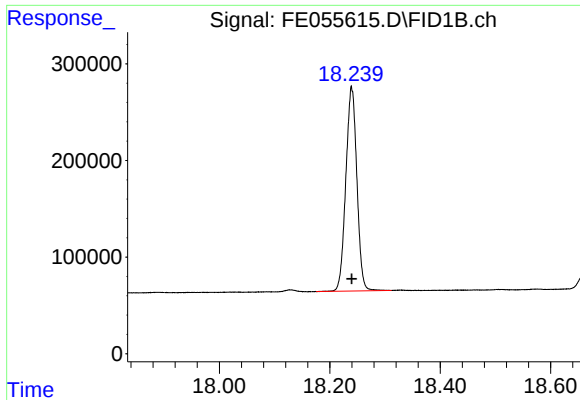
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: 0.000 min
Response: 2787051
Conc: 19.51 ug/ml



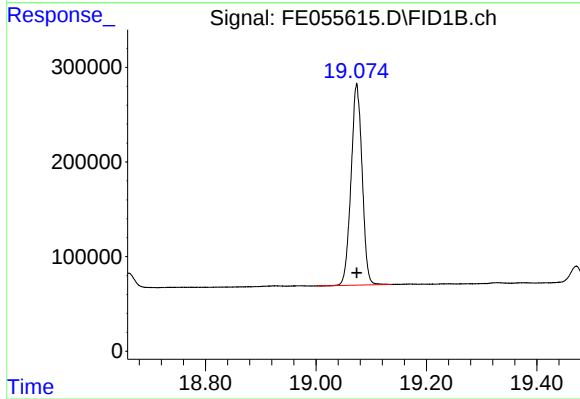
#16 n-Octacosane (C28)

R.T.: 17.349 min
Delta R.T.: -0.001 min
Response: 2785896
Conc: 19.59 ug/ml



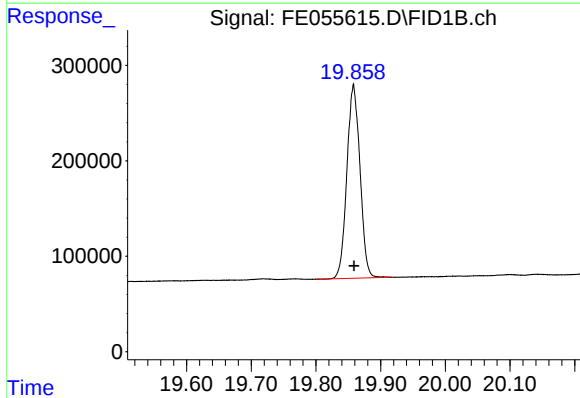
#17 n-Tricontane (C30)

R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 2929907
Conc: 19.82 ug/ml



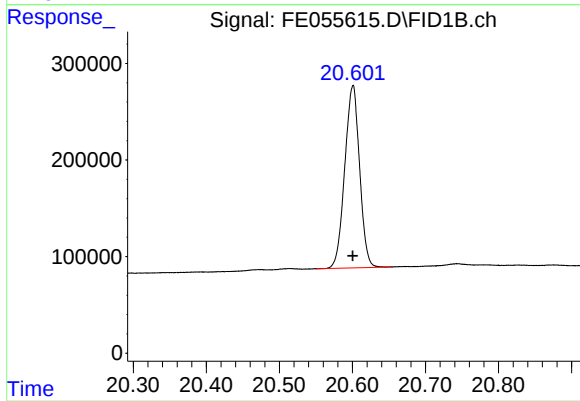
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 2962087
Conc: 20.18 ug/ml



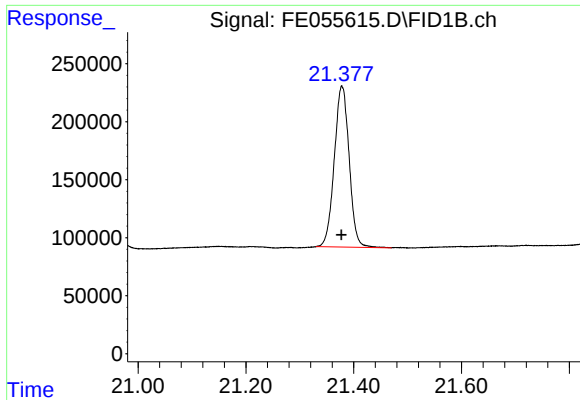
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.000 min
Response: 2852370
Conc: 20.19 ug/ml



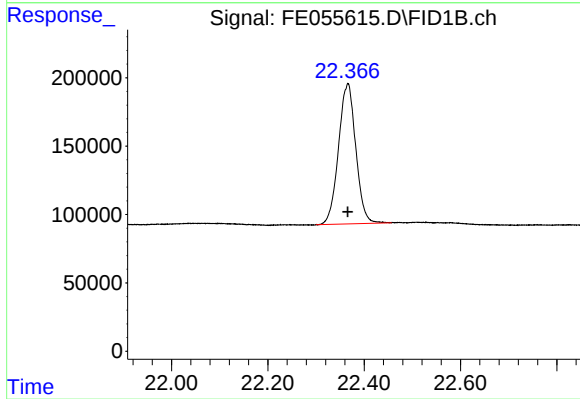
#20 n-Hexatriacontane (C36)

R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 2664682
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 2651785
Conc: 20.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 2559700
Conc: 19.96 ug/ml