

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091525AL\
 Data File : FE055819.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2025 09:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 15 11:26:51 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)	12.073	3542028	21.560 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
12) S 1-chlorooctadecane (S...	13.509	2627792	21.015 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
Target Compounds			
1) T n-Nonane (C9)	3.412	2555984	20.141 ug/ml
2) T n-Decane (C10)	4.669	2776572	21.675 ug/ml
3) T A~Naphthalene (C11.7)	6.389	3123852	21.501 ug/ml
4) T n-Dodecane (C12)	6.845	2890915	22.202 ug/ml
5) T A~2-methylnaphthalene...	7.490	3069653	21.825 ug/ml
6) T n-Tetradecane (C14)	8.681	2959919	22.476 ug/ml
7) T n-Hexadecane (C16)	10.297	3147379	22.725 ug/ml
8) T n-Octadecane (C18)	11.746	3270760	22.424 ug/ml
10) T n-Eicosane (C20)	13.061	3154435	21.914 ug/ml
11) T n-Heneicosane (C21)	13.675	3072273	21.508 ug/ml
13) T n-Docosane (C22)	14.264	3039930	21.237 ug/ml
14) T n-Tetracosane (C24)	15.370	3031860	20.953 ug/ml
15) T n-Hexacosane (C26)	16.394	2938834	20.571 ug/ml
16) T n-Octacosane (C28)	17.346	3016699	21.209 ug/ml
17) T n-Tricontane (C30)	18.236	3336630	22.572 ug/ml
18) T n-Dotriacontane (C32)	19.070	3577447	24.374 ug/ml
19) T n-Tetratriacontane (C34)	19.856	3393280	24.017 ug/ml
20) T n-Hexatriacontane (C36)	20.597	2950299	22.358 ug/ml
21) T n-Octatriacontane (C38)	21.372	2869227	22.030 ug/ml
22) T n-Tetracontane (C40)	22.358	2469815	19.259 ug/ml

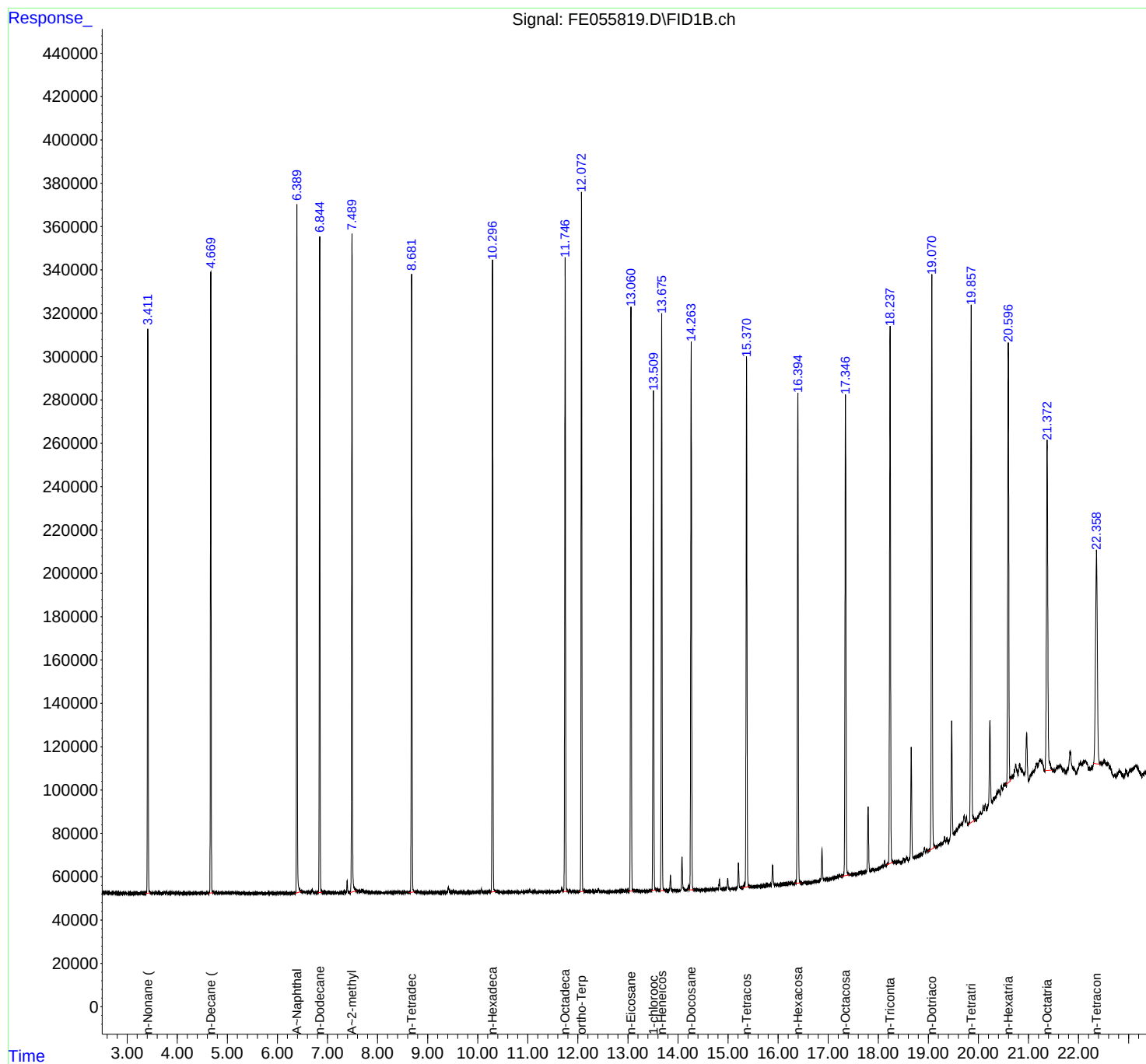
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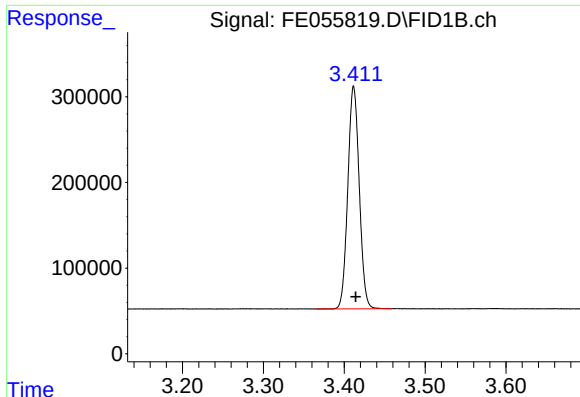
(m)=manual int.

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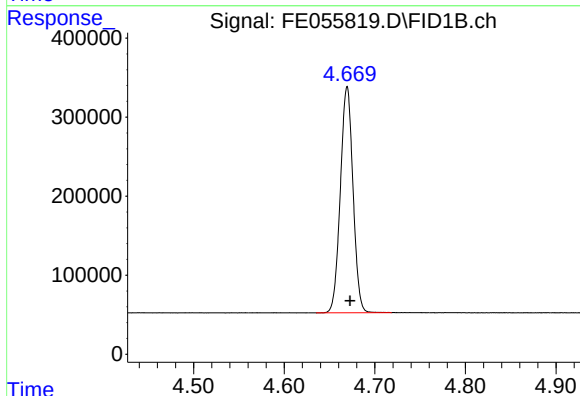
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Signal Info : 20M x 0.18mm x 0.18um





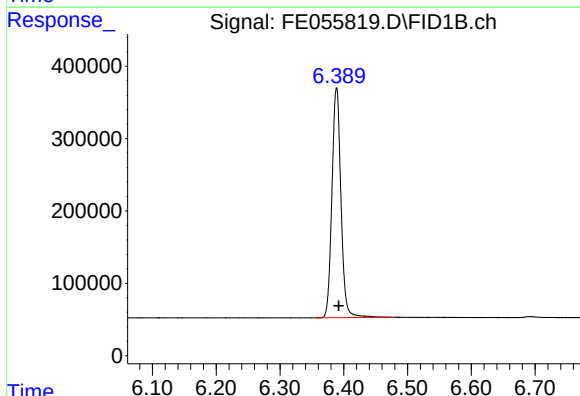
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 2555984
Conc: 20.14 ug/ml



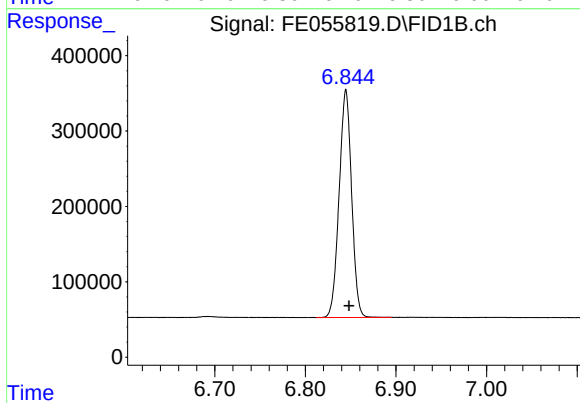
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: -0.003 min
Response: 2776572
Conc: 21.68 ug/ml



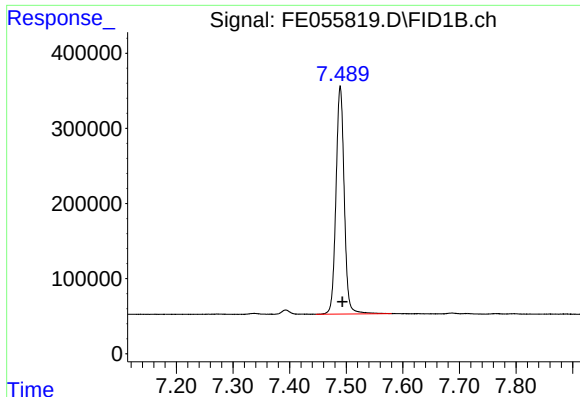
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 3123852
Conc: 21.50 ug/ml



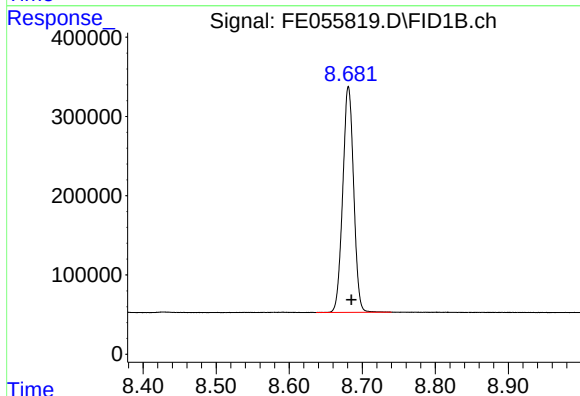
#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 2890915
Conc: 22.20 ug/ml



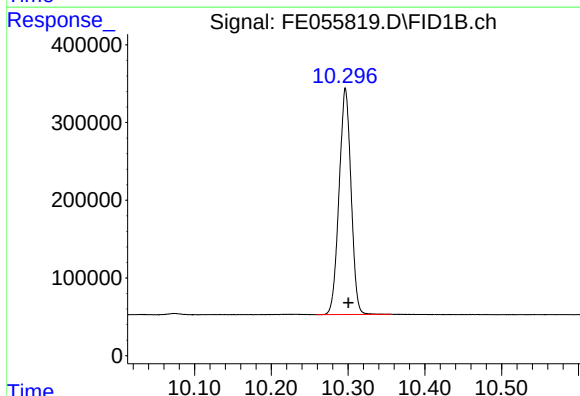
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 3069653
Conc: 21.82 ug/ml



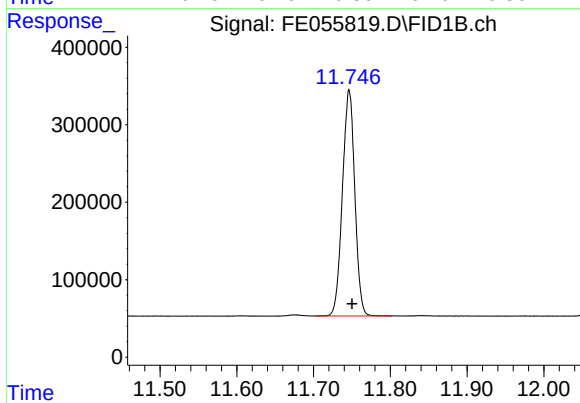
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: -0.004 min
Response: 2959919
Conc: 22.48 ug/ml



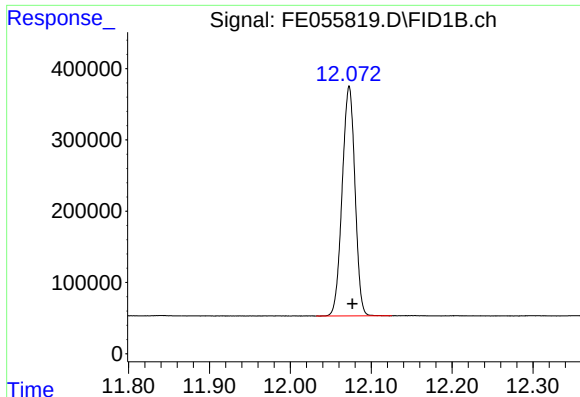
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: -0.004 min
Response: 3147379
Conc: 22.73 ug/ml



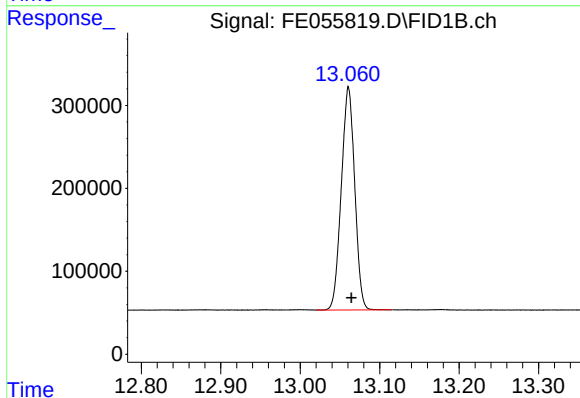
#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: -0.004 min
Response: 3270760
Conc: 22.42 ug/ml



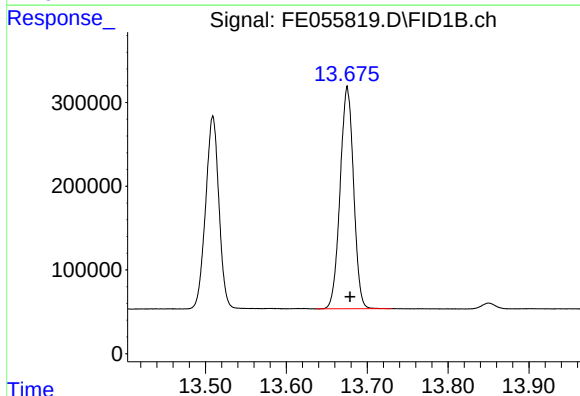
#9 ortho-Terphenyl (SURR)

R.T.: 12.073 min
Delta R.T.: -0.004 min
Response: 3542028
Conc: 21.56 ug/ml



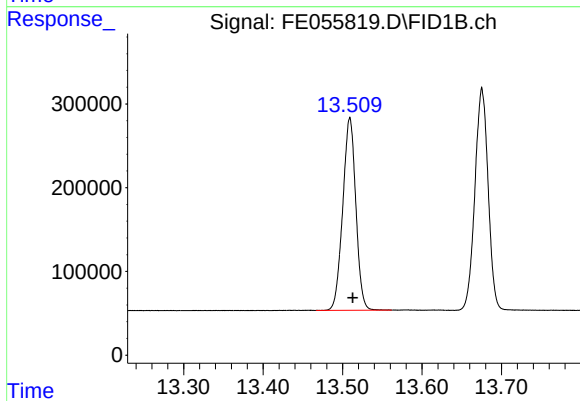
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.004 min
Response: 3154435
Conc: 21.91 ug/ml



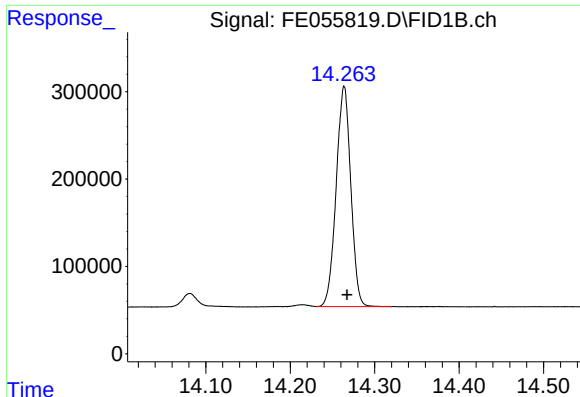
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.003 min
Response: 3072273
Conc: 21.51 ug/ml



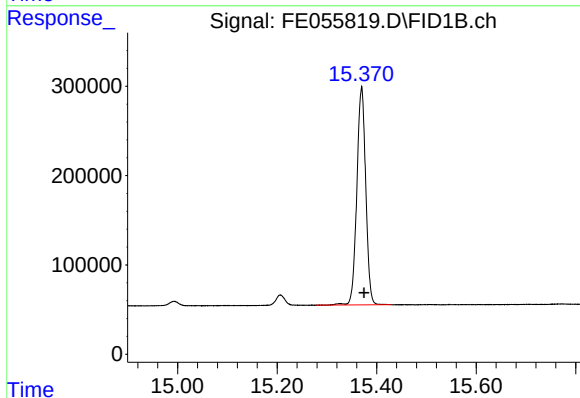
#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2627792
Conc: 21.01 ug/ml



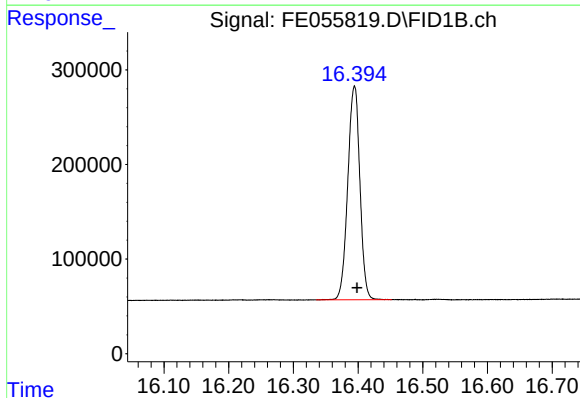
#13 n-Docosane (C22)

R.T.: 14.264 min
Delta R.T.: -0.004 min
Response: 3039930
Conc: 21.24 ug/ml



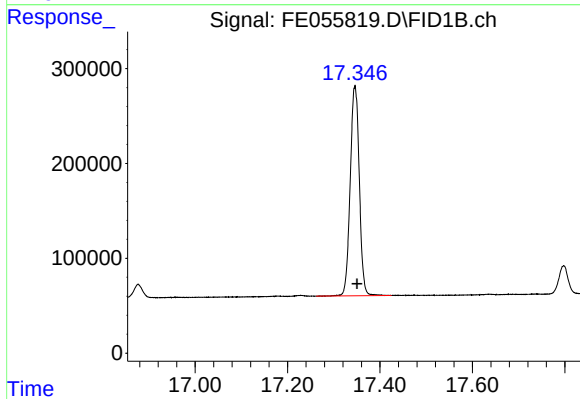
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.005 min
Response: 3031860
Conc: 20.95 ug/ml



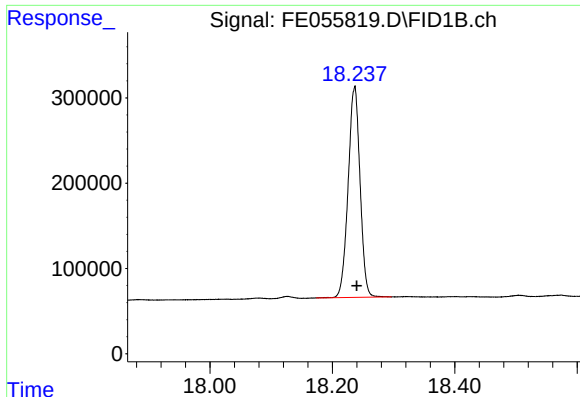
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: -0.004 min
Response: 2938834
Conc: 20.57 ug/ml



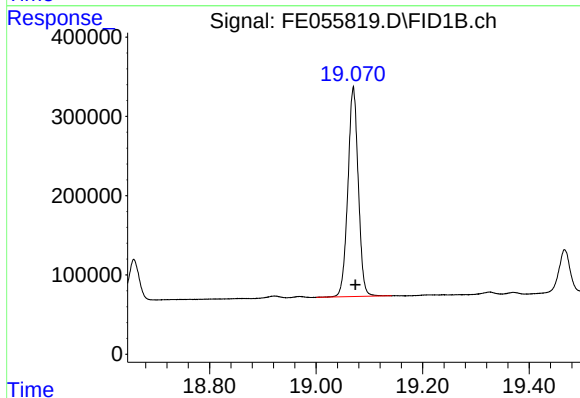
#16 n-Octacosane (C28)

R.T.: 17.346 min
Delta R.T.: -0.004 min
Response: 3016699
Conc: 21.21 ug/ml



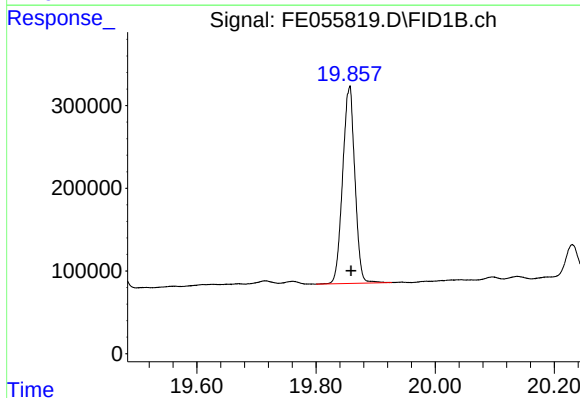
#17 n-Tricontane (C30)

R.T.: 18.236 min
Delta R.T.: -0.003 min
Response: 3336630
Conc: 22.57 ug/ml



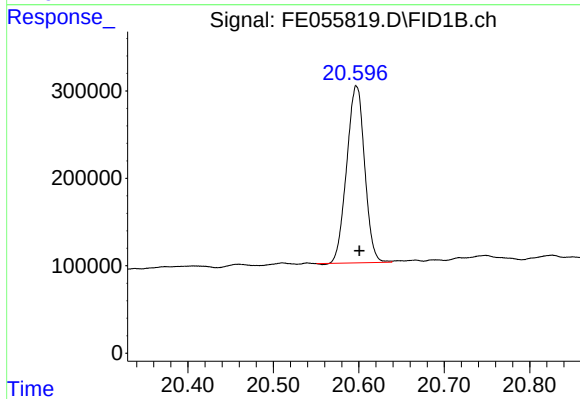
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.004 min
Response: 3577447
Conc: 24.37 ug/ml



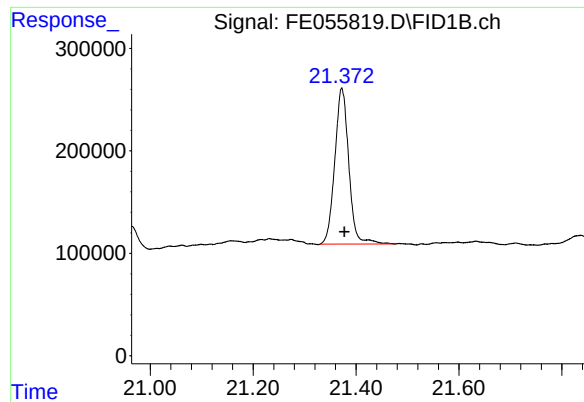
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: -0.003 min
Response: 3393280
Conc: 24.02 ug/ml



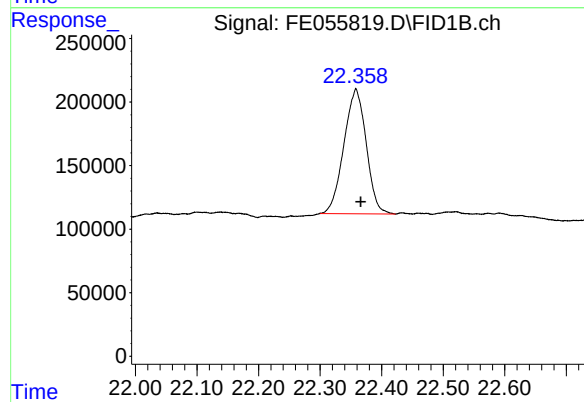
#20 n-Hexatriacontane (C36)

R.T.: 20.597 min
Delta R.T.: -0.003 min
Response: 2950299
Conc: 22.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: -0.005 min
Response: 2869227
Conc: 22.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.358 min
Delta R.T.: -0.008 min
Response: 2469815
Conc: 19.26 ug/ml