

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030524AL\
 Data File : FE047106.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2024 00:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 06 00:49:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.782	3149974	19.172 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	13.223	2390066	19.416 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
Target Compounds			
1) T n-Nonane (C9)	3.175	2784841	18.262 ug/ml
2) T n-Decane (C10)	4.426	2950526	19.050 ug/ml
3) T A~Naphthalene (C11.7)	6.133	2903803	18.437 ug/ml
4) T n-Dodecane (C12)	6.594	2995884	19.268 ug/ml
5) T A~2-methylnaphthalene...	7.230	2663538	18.574 ug/ml
6) T n-Tetradecane (C14)	8.419	2990204	19.392 ug/ml
7) T n-Hexadecane (C16)	10.026	3081799	19.423 ug/ml
8) T n-Octadecane (C18)	11.469	3120775	19.576 ug/ml
10) T n-Eicosane (C20)	12.778	2946899	19.468 ug/ml
11) T n-Heneicosane (C21)	13.389	2856861	19.292 ug/ml
13) T n-Docosane (C22)	13.976	2833602	19.476 ug/ml
14) T n-Tetracosane (C24)	15.078	2779320	19.461 ug/ml
15) T n-Hexacosane (C26)	16.100	2731950	19.550 ug/mlm
16) T n-Octacosane (C28)	17.051	2706937	19.869 ug/mlm
17) T n-Tricontane (C30)	17.938	2957042	21.195 ug/ml
18) T n-Dotriacontane (C32)	18.772	2945061	21.403 ug/ml
19) T n-Tetratriacontane (C34)	19.556	2904319	21.620 ug/ml
20) T n-Hexatriacontane (C36)	20.296	3179403	23.876 ug/mlm
21) T n-Octatriacontane (C38)	21.014	2947746	21.394 ug/ml
22) T n-Tetracontane (C40)	21.885	2743835	19.447 ug/mlm

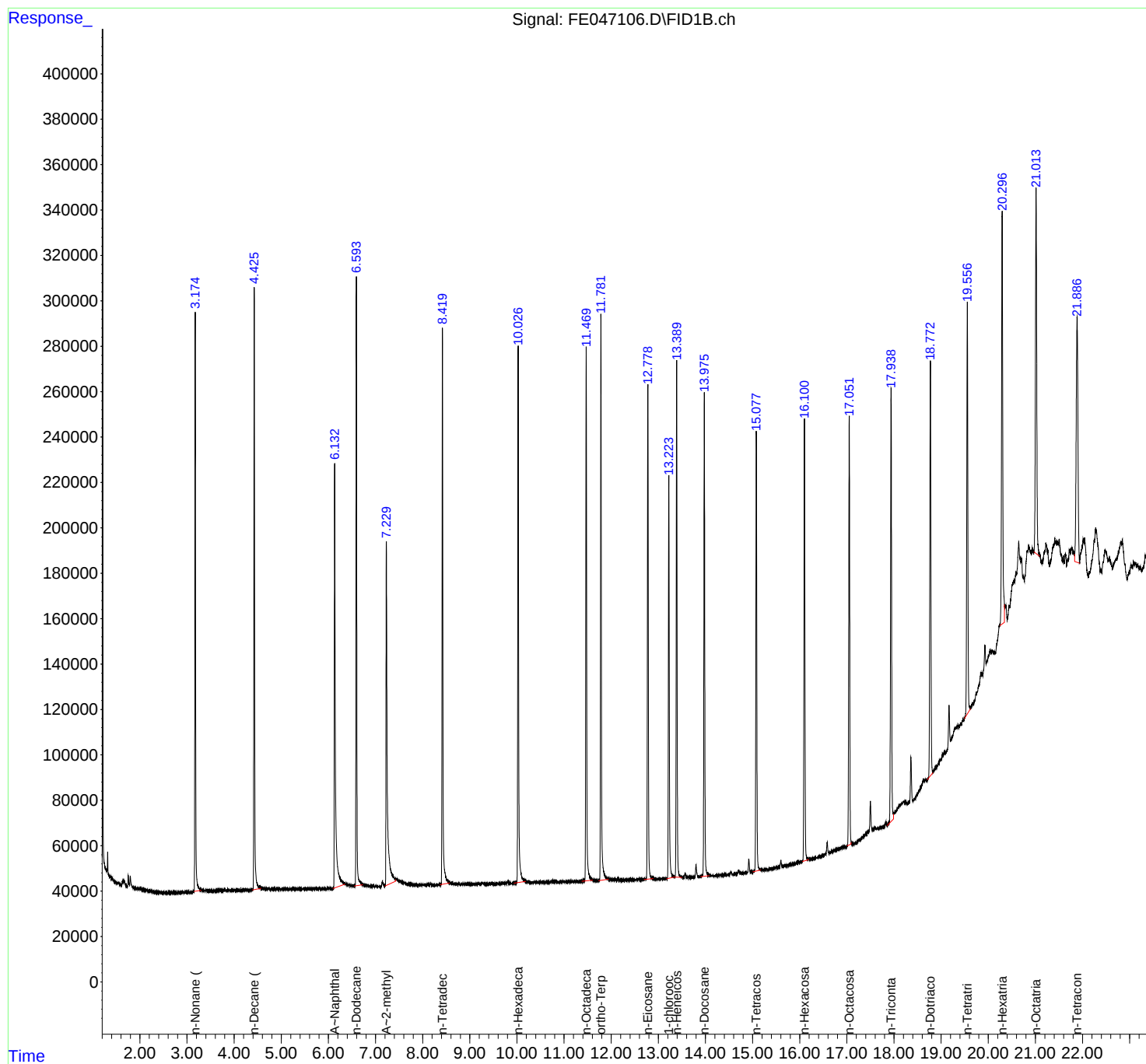
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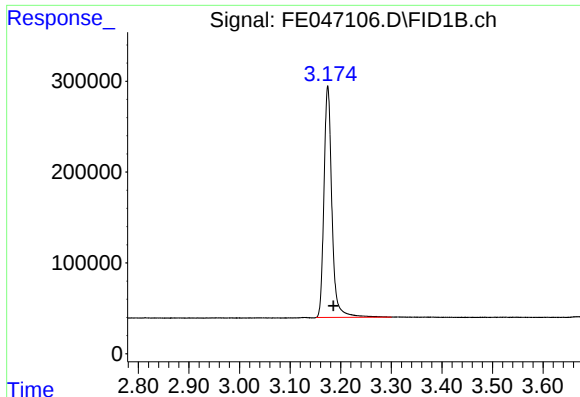
(m)=manual int.

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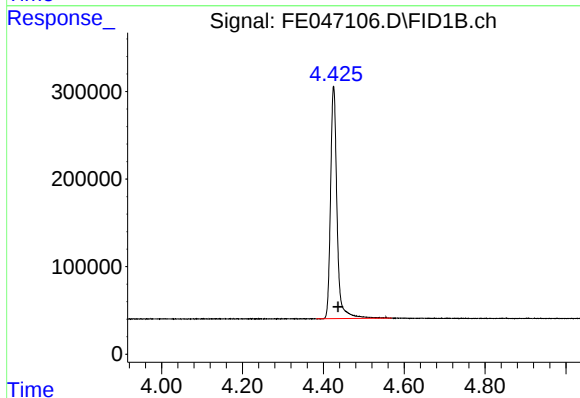
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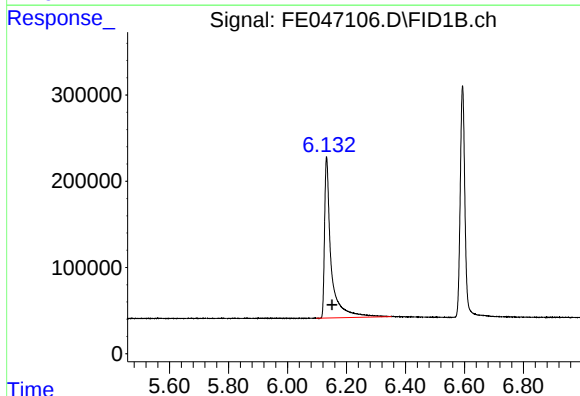
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: -0.011 min
Response: 2784841
Conc: 18.26 ug/ml



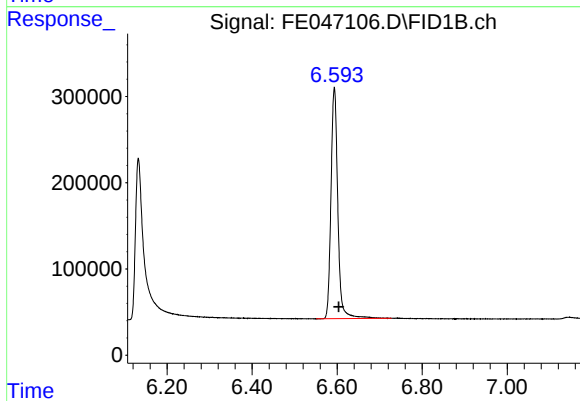
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.011 min
Response: 2950526
Conc: 19.05 ug/ml



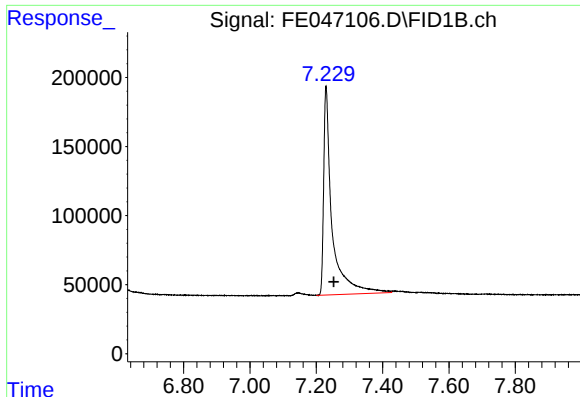
#3 A~Naphthalene (C11.7)

R.T.: 6.133 min
Delta R.T.: -0.019 min
Response: 2903803
Conc: 18.44 ug/ml



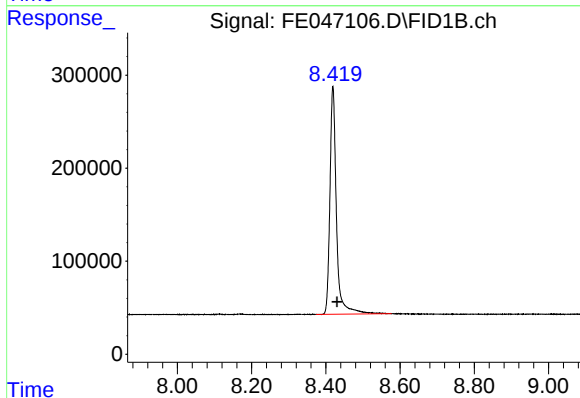
#4 n-Dodecane (C12)

R.T.: 6.594 min
Delta R.T.: -0.010 min
Response: 2995884
Conc: 19.27 ug/ml



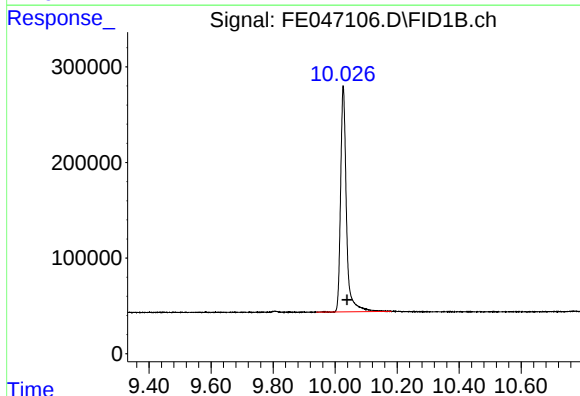
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.230 min
Delta R.T.: -0.023 min
Response: 2663538
Conc: 18.57 ug/ml



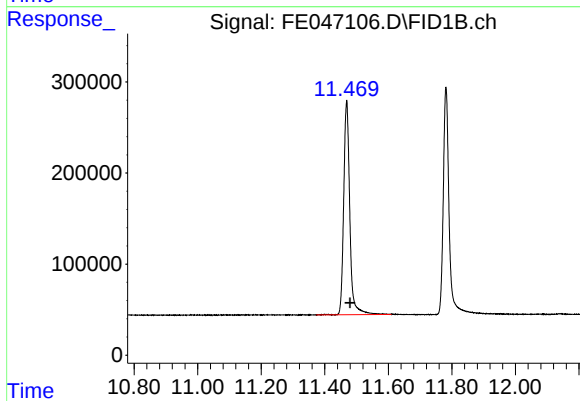
#6 n-Tetradecane (C14)

R.T.: 8.419 min
Delta R.T.: -0.011 min
Response: 2990204
Conc: 19.39 ug/ml



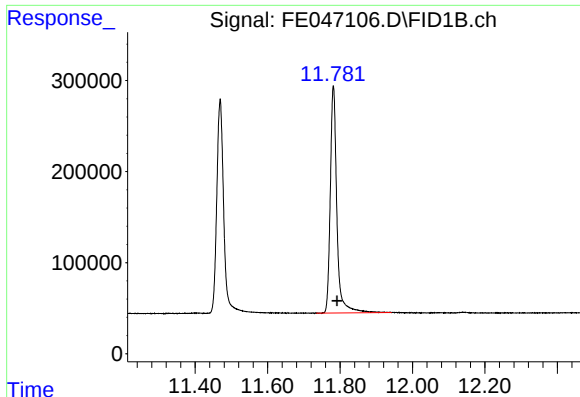
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.012 min
Response: 3081799
Conc: 19.42 ug/ml



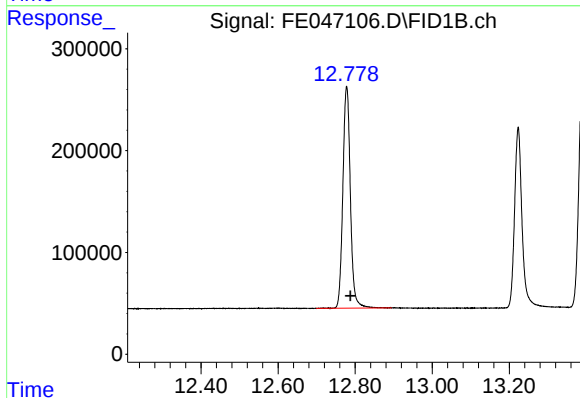
#8 n-Octadecane (C18)

R.T.: 11.469 min
Delta R.T.: -0.011 min
Response: 3120775
Conc: 19.58 ug/ml



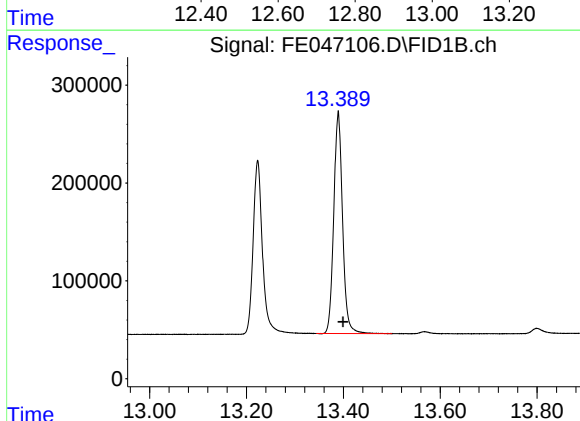
#9 ortho-Terphenyl (SURR)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 3149974
Conc: 19.17 ug/ml



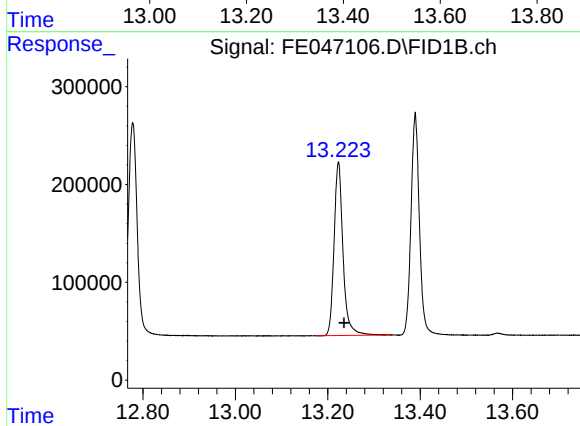
#10 n-Eicosane (C20)

R.T.: 12.778 min
Delta R.T.: -0.010 min
Response: 2946899
Conc: 19.47 ug/ml



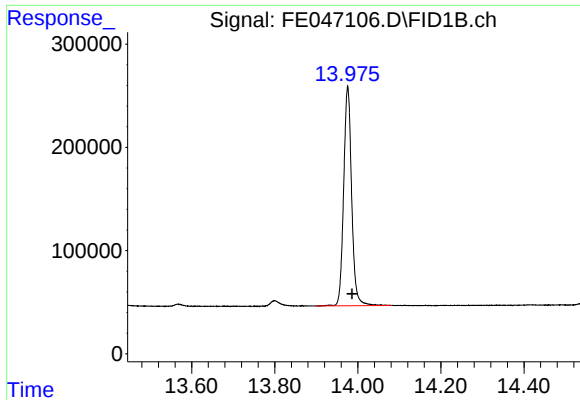
#11 n-Heneicosane (C21)

R.T.: 13.389 min
Delta R.T.: -0.010 min
Response: 2856861
Conc: 19.29 ug/ml



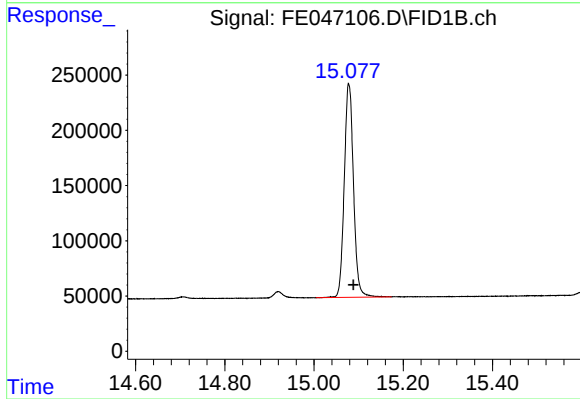
#12 1-chlorooctadecane (SURR)

R.T.: 13.223 min
Delta R.T.: -0.012 min
Response: 2390066
Conc: 19.42 ug/ml



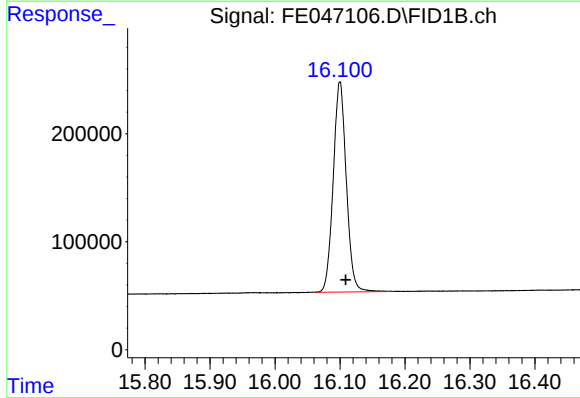
#13 n-Docosane (C22)

R.T.: 13.976 min
Delta R.T.: -0.010 min
Response: 2833602
Conc: 19.48 ug/ml



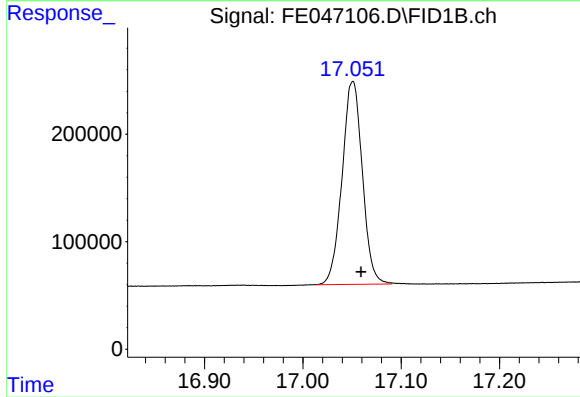
#14 n-Tetracosane (C24)

R.T.: 15.078 min
Delta R.T.: -0.011 min
Response: 2779320
Conc: 19.46 ug/ml



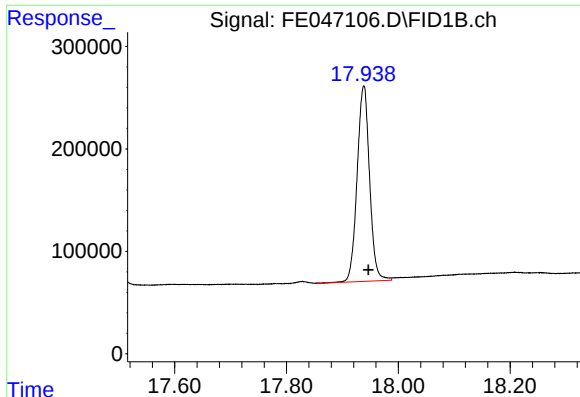
#15 n-Hexacosane (C26)

R.T.: 16.100 min
Delta R.T.: -0.009 min
Response: 2731950
Conc: 19.55 ug/ml m



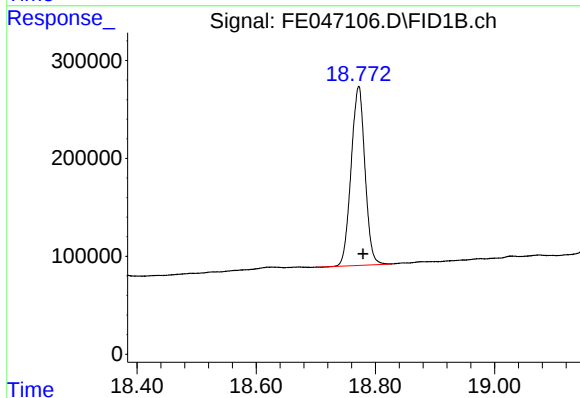
#16 n-Octacosane (C28)

R.T.: 17.051 min
Delta R.T.: -0.008 min
Response: 2706937
Conc: 19.87 ug/ml m



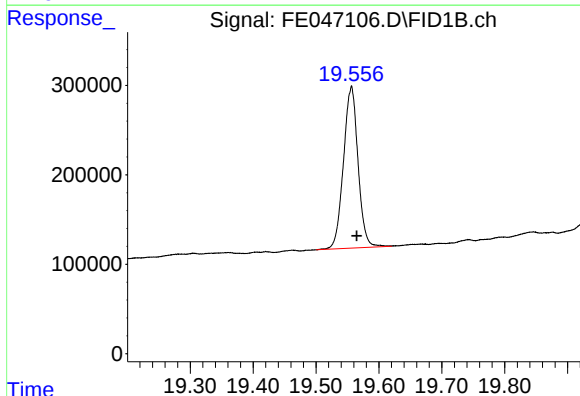
#17 n-Tricontane (C30)

R.T.: 17.938 min
Delta R.T.: -0.008 min
Response: 2957042
Conc: 21.19 ug/ml



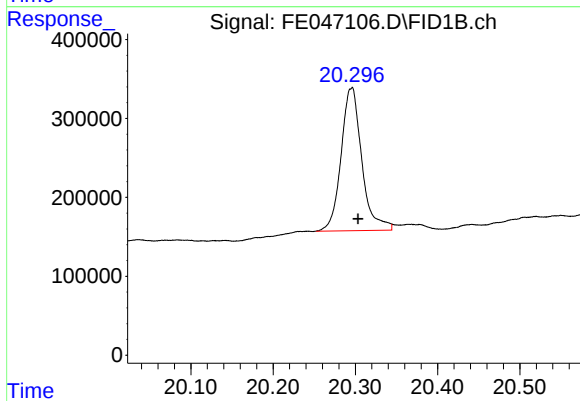
#18 n-Dotriacontane (C32)

R.T.: 18.772 min
Delta R.T.: -0.007 min
Response: 2945061
Conc: 21.40 ug/ml



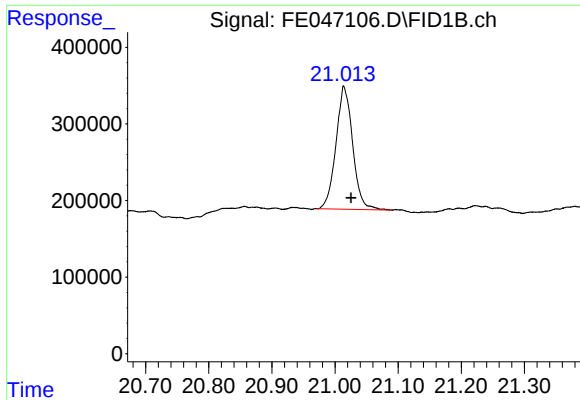
#19 n-Tetratriacontane (C34)

R.T.: 19.556 min
Delta R.T.: -0.008 min
Response: 2904319
Conc: 21.62 ug/ml



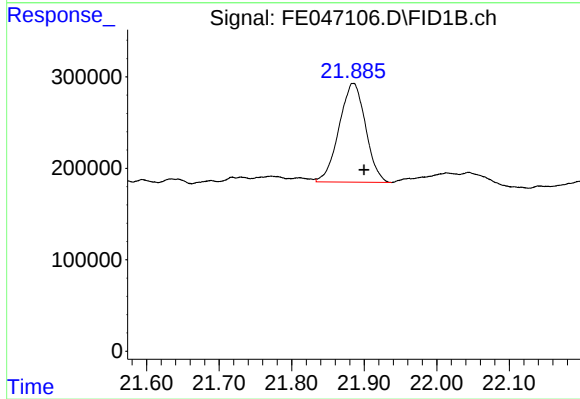
#20 n-Hexatriacontane (C36)

R.T.: 20.296 min
Delta R.T.: -0.007 min
Response: 3179403
Conc: 23.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: -0.012 min
Response: 2947746
Conc: 21.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.885 min
Delta R.T.: -0.014 min
Response: 2743835
Conc: 19.45 ug/ml m