

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030124AL\
 Data File : FE047058.D
 Signal(s) : FID1B.ch
 Acq On : 02 Mar 2024 02:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 02:59:08 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)	11.780	3284965	19.994 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
12) S 1-chlorooctadecane (S...	13.221	2535465	20.597 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T n-Nonane (C9)	3.175	2994504	19.637 ug/ml
2) T n-Decane (C10)	4.426	3087946	19.937 ug/ml
3) T A~Naphthalene (C11.7)	6.132	3071615	19.502 ug/ml
4) T n-Dodecane (C12)	6.593	3123423	20.088 ug/ml
5) T A~2-methylnaphthalene...	7.229	2757589	19.230 ug/ml
6) T n-Tetradecane (C14)	8.419	3107448	20.152 ug/ml
7) T n-Hexadecane (C16)	10.026	3209923	20.231 ug/ml
8) T n-Octadecane (C18)	11.468	3254290	20.414 ug/ml
10) T n-Eicosane (C20)	12.776	3078615	20.339 ug/ml
11) T n-Heneicosane (C21)	13.387	3012665	20.345 ug/ml
13) T n-Docosane (C22)	13.973	2979241	20.477 ug/ml
14) T n-Tetracosane (C24)	15.077	2925906	20.487 ug/ml
15) T n-Hexacosane (C26)	16.097	2874592	20.571 ug/ml
16) T n-Octacosane (C28)	17.046	2656599	19.499 ug/ml
17) T n-Tricontane (C30)	17.935	2989293	21.426 ug/ml
18) T n-Dotriacontane (C32)	18.767	2984735	21.691 ug/ml
19) T n-Tetratriacontane (C34)	19.552	2917598	21.719 ug/ml
20) T n-Hexatriacontane (C36)	20.291	2853436	21.428 ug/ml
21) T n-Octatriacontane (C38)	21.010	2880041	20.902 ug/ml
22) T n-Tetracontane (C40)	21.879	2955476	20.947 ug/ml

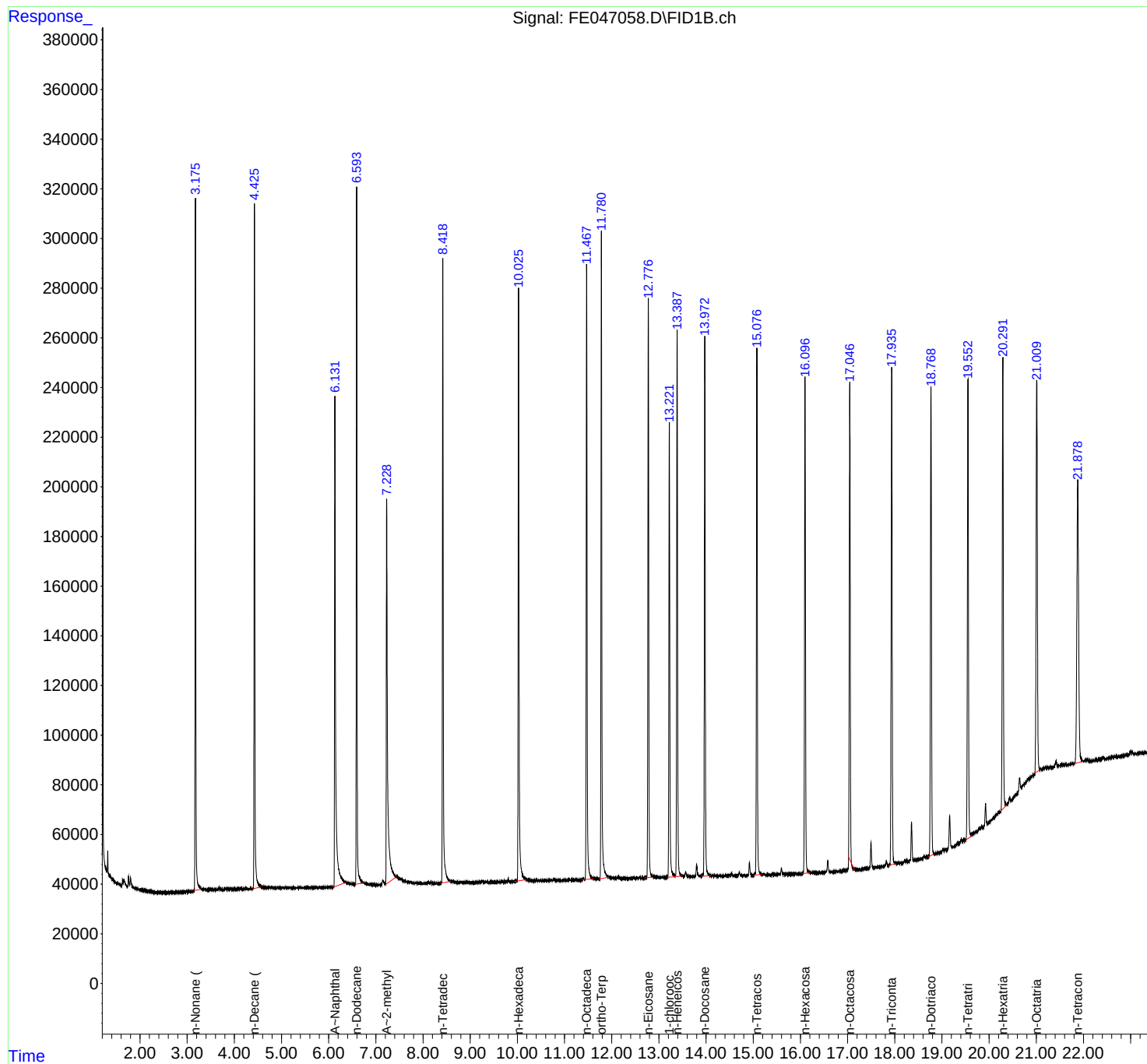
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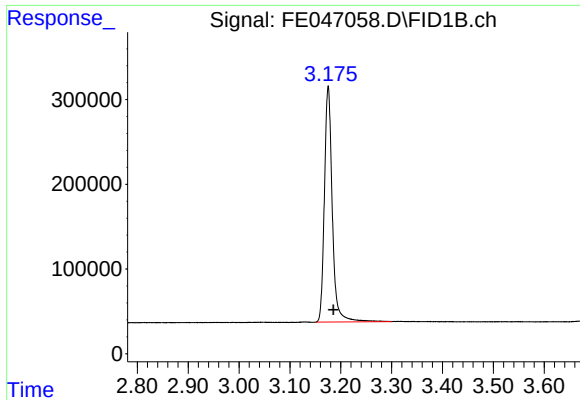
(m)=manual int.

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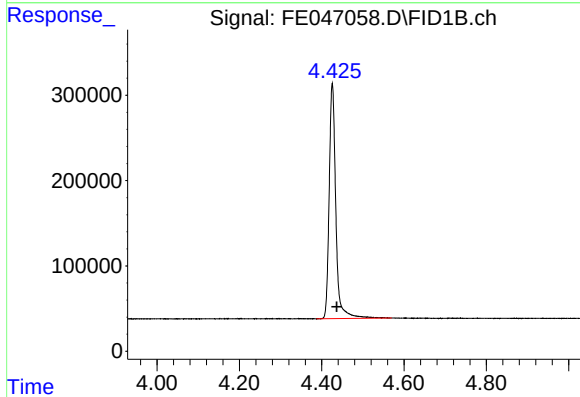
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Signal Info : 20M x 0.18mm x 0.18um





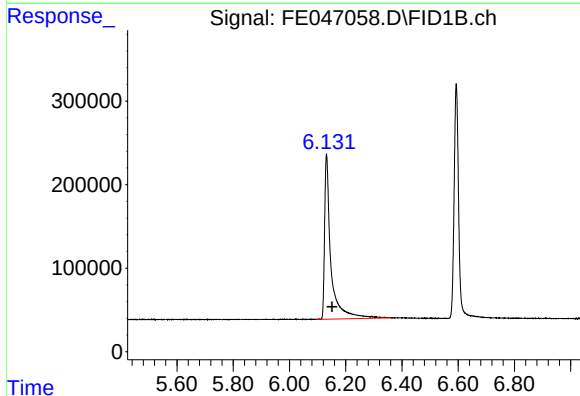
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: -0.011 min
Response: 2994504
Conc: 19.64 ug/ml



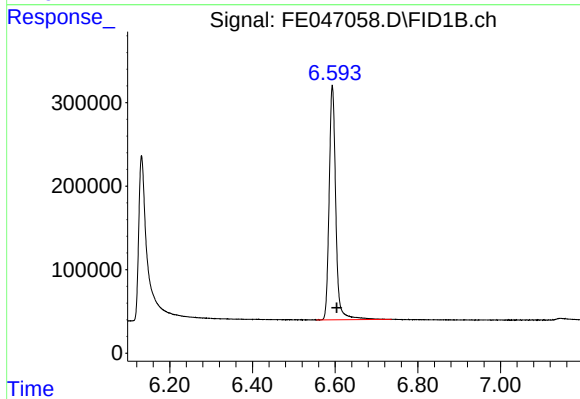
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.011 min
Response: 3087946
Conc: 19.94 ug/ml



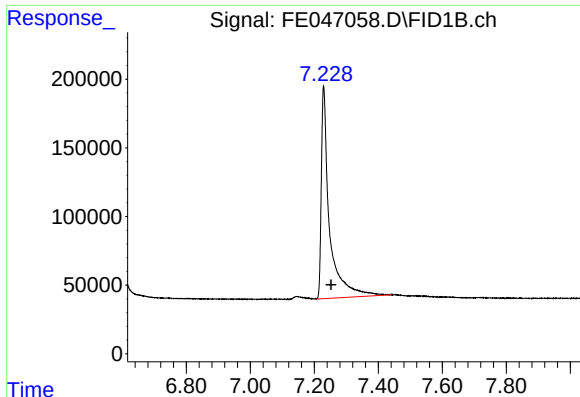
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.019 min
Response: 3071615
Conc: 19.50 ug/ml



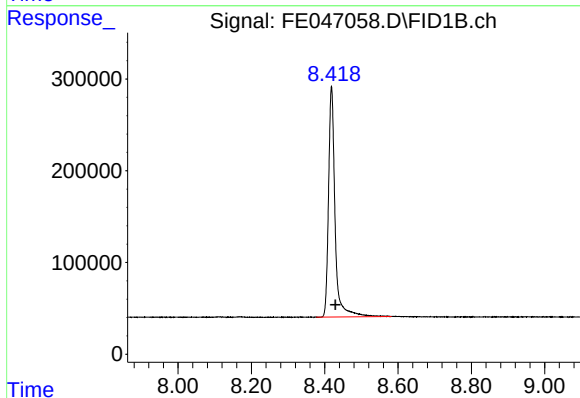
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 3123423
Conc: 20.09 ug/ml



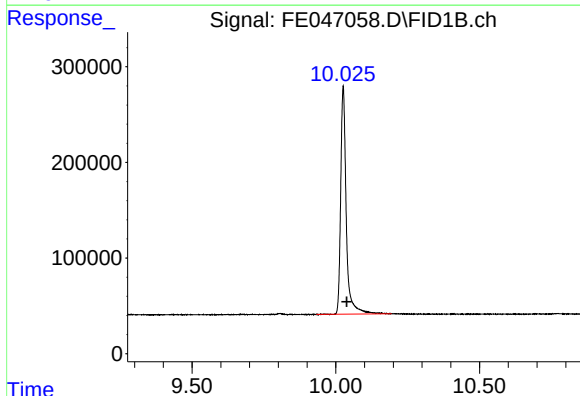
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min
Delta R.T.: -0.023 min
Response: 2757589
Conc: 19.23 ug/ml



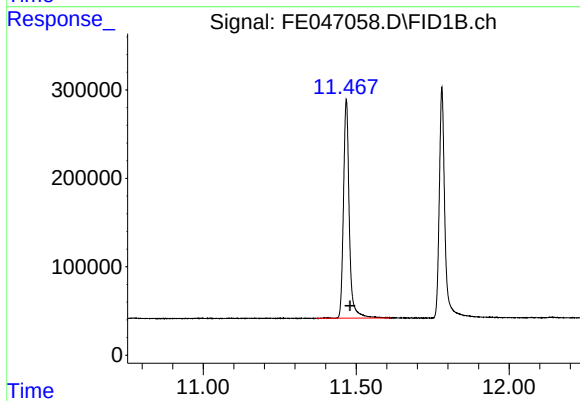
#6 n-Tetradecane (C14)

R.T.: 8.419 min
Delta R.T.: -0.011 min
Response: 3107448
Conc: 20.15 ug/ml



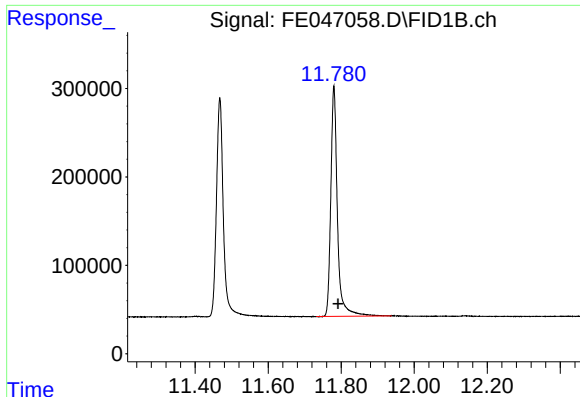
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.013 min
Response: 3209923
Conc: 20.23 ug/ml



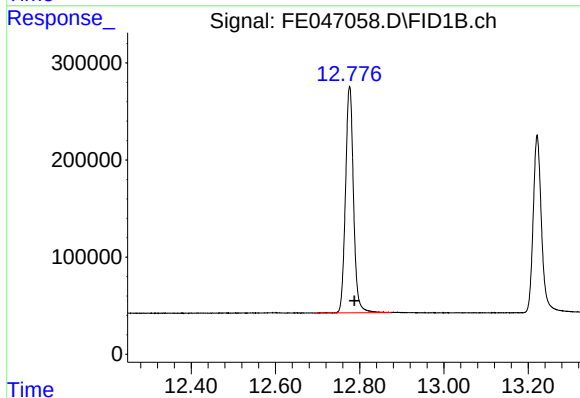
#8 n-Octadecane (C18)

R.T.: 11.468 min
Delta R.T.: -0.012 min
Response: 3254290
Conc: 20.41 ug/ml



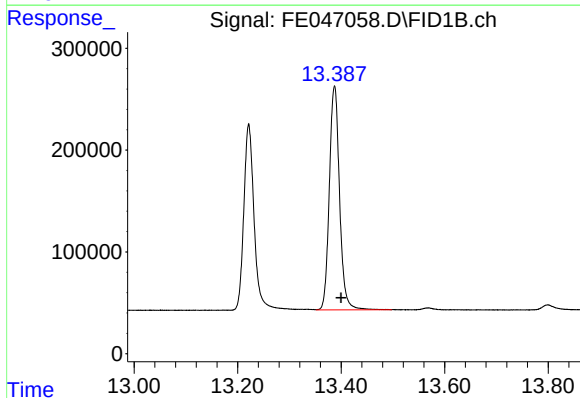
#9 ortho-Terphenyl (SURR)

R.T.: 11.780 min
Delta R.T.: -0.012 min
Response: 3284965
Conc: 19.99 ug/ml



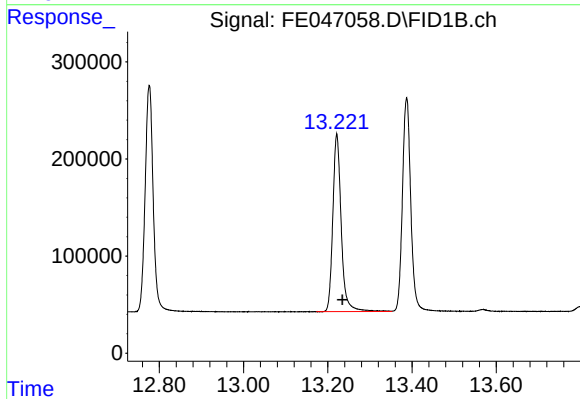
#10 n-Eicosane (C20)

R.T.: 12.776 min
Delta R.T.: -0.011 min
Response: 3078615
Conc: 20.34 ug/ml



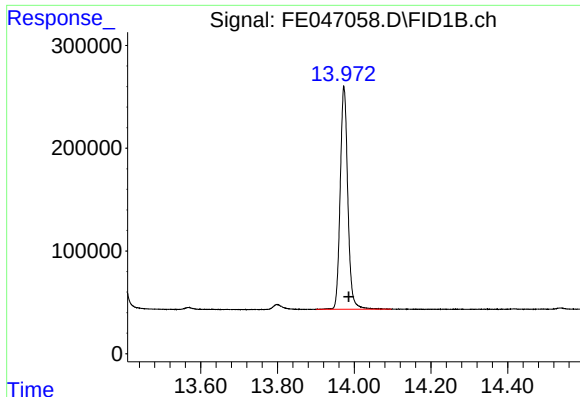
#11 n-Heneicosane (C21)

R.T.: 13.387 min
Delta R.T.: -0.012 min
Response: 3012665
Conc: 20.34 ug/ml



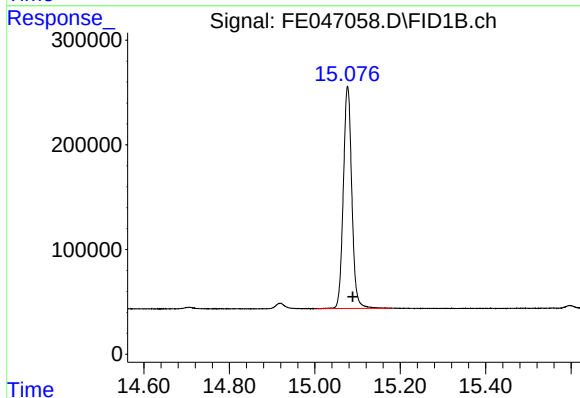
#12 1-chlorooctadecane (SURR)

R.T.: 13.221 min
Delta R.T.: -0.014 min
Response: 2535465
Conc: 20.60 ug/ml



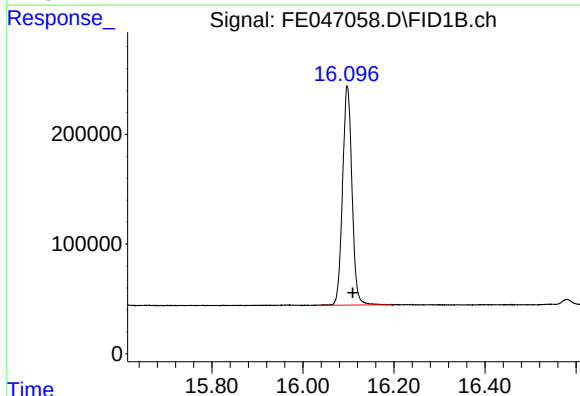
#13 n-Docosane (C22)

R.T.: 13.973 min
Delta R.T.: -0.013 min
Response: 2979241
Conc: 20.48 ug/ml



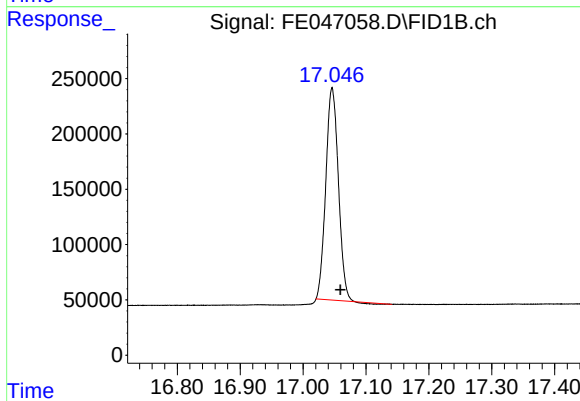
#14 n-Tetracosane (C24)

R.T.: 15.077 min
Delta R.T.: -0.012 min
Response: 2925906
Conc: 20.49 ug/ml



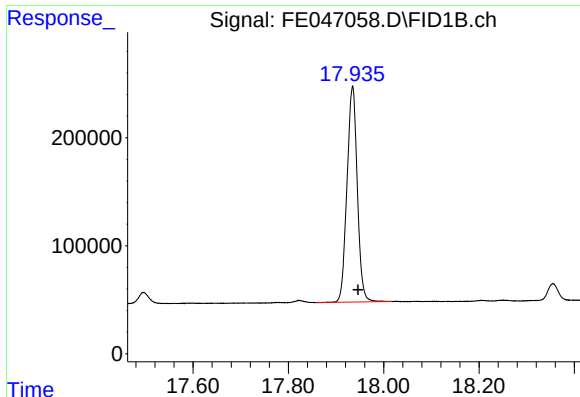
#15 n-Hexacosane (C26)

R.T.: 16.097 min
Delta R.T.: -0.012 min
Response: 2874592
Conc: 20.57 ug/ml



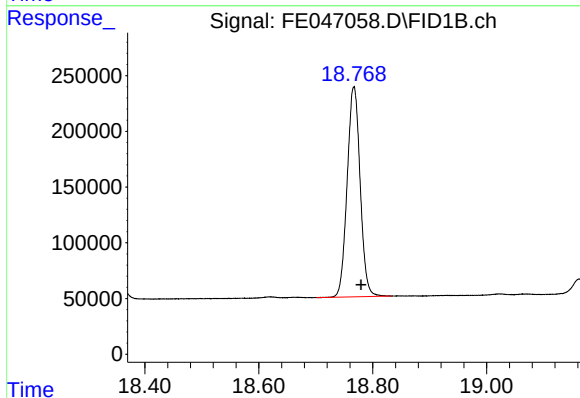
#16 n-Octacosane (C28)

R.T.: 17.046 min
Delta R.T.: -0.013 min
Response: 2656599
Conc: 19.50 ug/ml



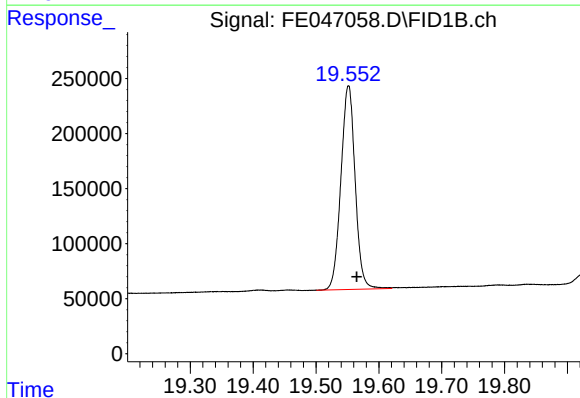
#17 n-Tricontane (C30)

R.T.: 17.935 min
Delta R.T.: -0.012 min
Response: 2989293
Conc: 21.43 ug/ml



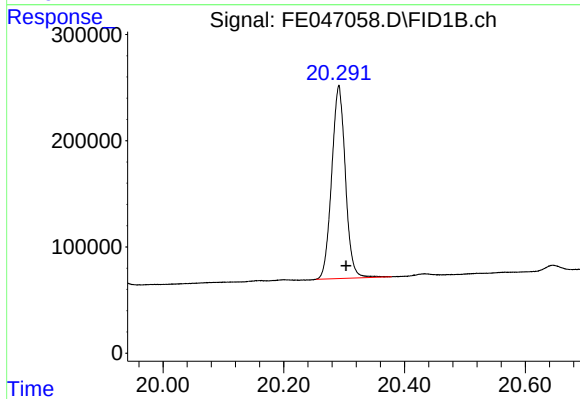
#18 n-Dotriacontane (C32)

R.T.: 18.767 min
Delta R.T.: -0.012 min
Response: 2984735
Conc: 21.69 ug/ml



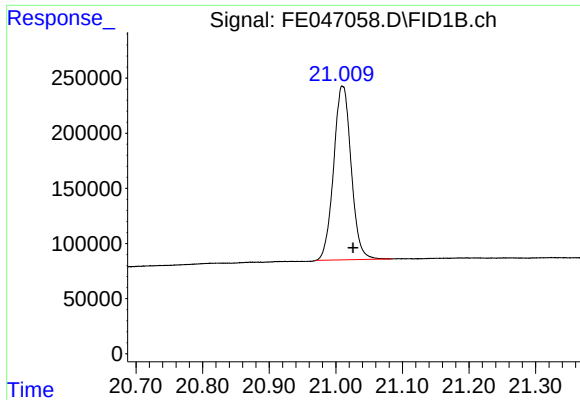
#19 n-Tetratriacontane (C34)

R.T.: 19.552 min
Delta R.T.: -0.013 min
Response: 2917598
Conc: 21.72 ug/ml



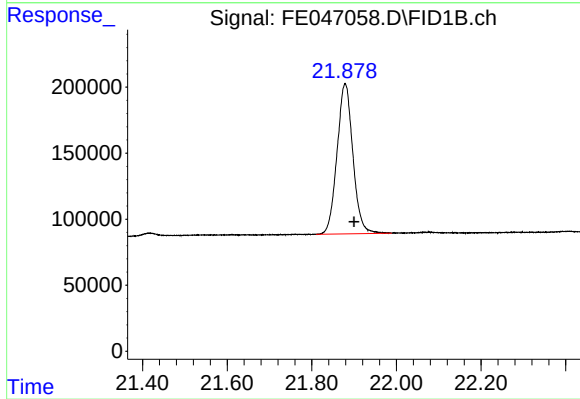
#20 n-Hexatriacontane (C36)

R.T.: 20.291 min
Delta R.T.: -0.012 min
Response: 2853436
Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.010 min
Delta R.T.: -0.016 min
Response: 2880041
Conc: 20.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: -0.021 min
Response: 2955476
Conc: 20.95 ug/ml