

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030624AL\
 Data File : FE047126.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2024 19:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 07 00:38:21 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	3055811	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	13.224	2335051	18.969 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.173	2651889	17.390 ug/ml
2) T n-Decane (C10)	4.424	2823817	18.232 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2798908	17.771 ug/ml
4) T n-Dodecane (C12)	6.593	2882212	18.537 ug/ml
5) T A~2-methylnaphthalene...	7.229	2596766	18.109 ug/ml
6) T n-Tetradecane (C14)	8.418	2893009	18.761 ug/ml
7) T n-Hexadecane (C16)	10.026	2994405	18.873 ug/ml
8) T n-Octadecane (C18)	11.469	3031961	19.019 ug/ml
10) T n-Eicosane (C20)	12.778	2864801	18.926 ug/ml
11) T n-Heneicosane (C21)	13.390	2779241	18.768 ug/ml
13) T n-Docosane (C22)	13.977	2774772	19.072 ug/ml
14) T n-Tetracosane (C24)	15.079	2784211	19.495 ug/ml
15) T n-Hexacosane (C26)	16.100	2756957	19.729 ug/ml
16) T n-Octacosane (C28)	17.050	2773545	20.358 ug/mlm
17) T n-Tricontane (C30)	17.939	3056948	21.911 ug/ml
18) T n-Dotriacontane (C32)	18.772	3017220	21.927 ug/ml
19) T n-Tetratriacontane (C34)	19.557	2877304	21.419 ug/ml
20) T n-Hexatriacontane (C36)	20.296	2833383	21.278 ug/ml
21) T n-Octatriacontane (C38)	21.016	2748976	19.951 ug/ml
22) T n-Tetracontane (C40)	21.886	2591408	18.367 ug/ml

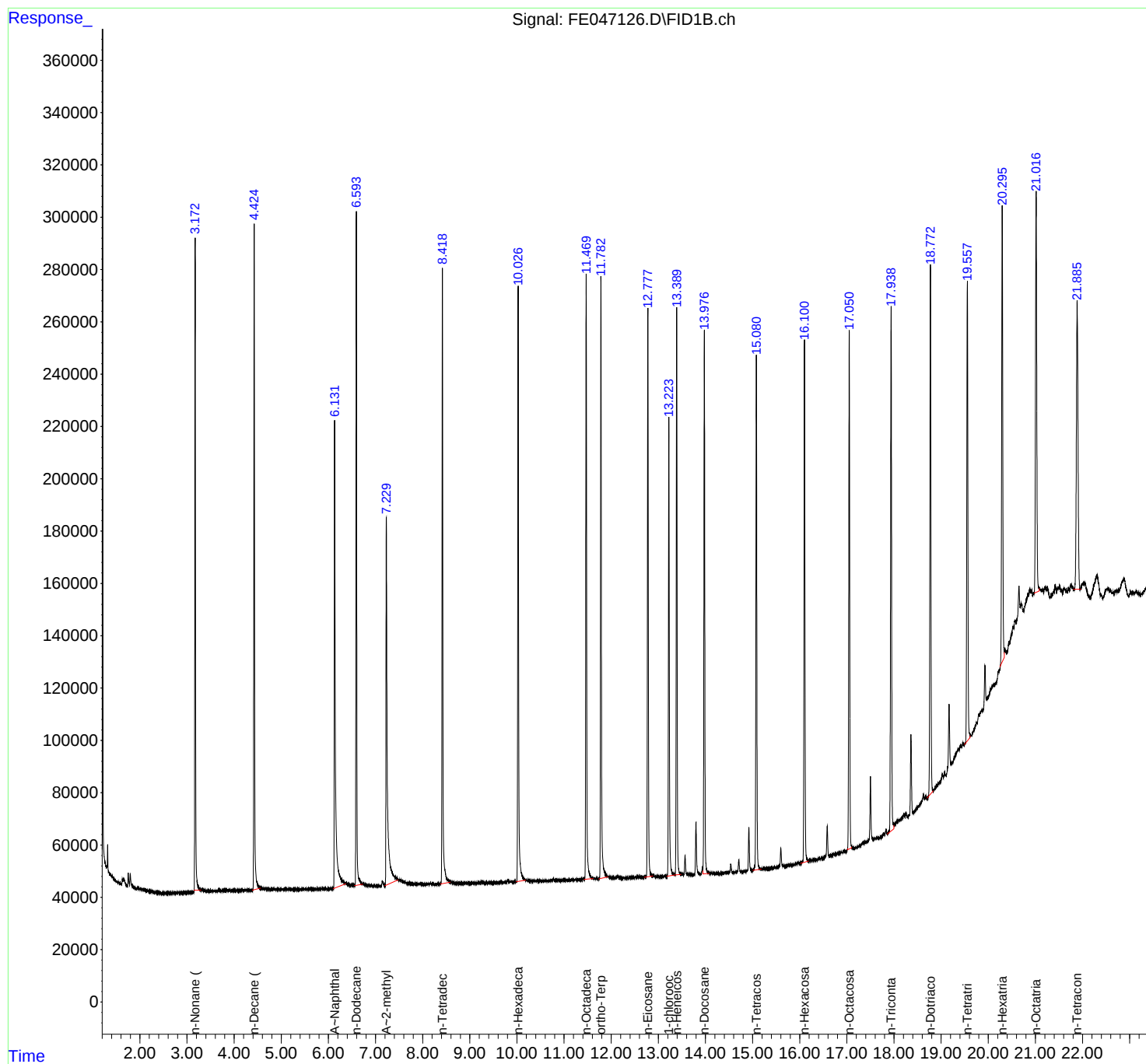
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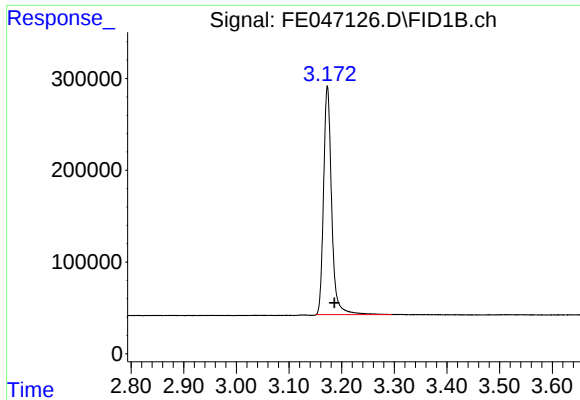
(m)=manual int.

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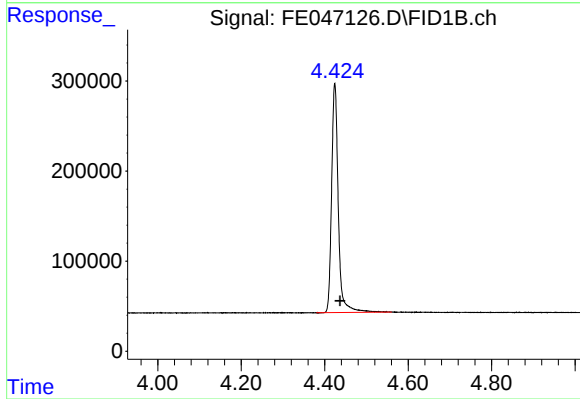
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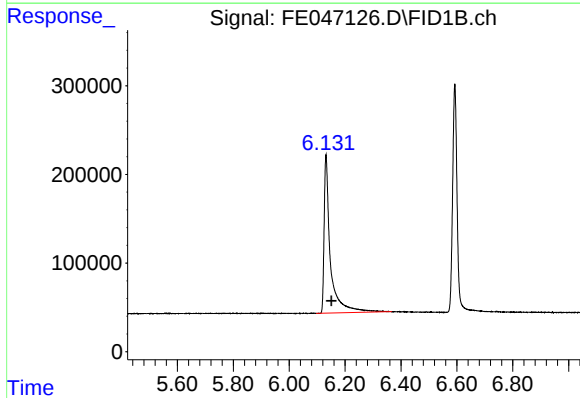
#1 n-Nonane (C9)

R.T.: 3.173 min
Delta R.T.: -0.013 min
Response: 2651889
Conc: 17.39 ug/ml



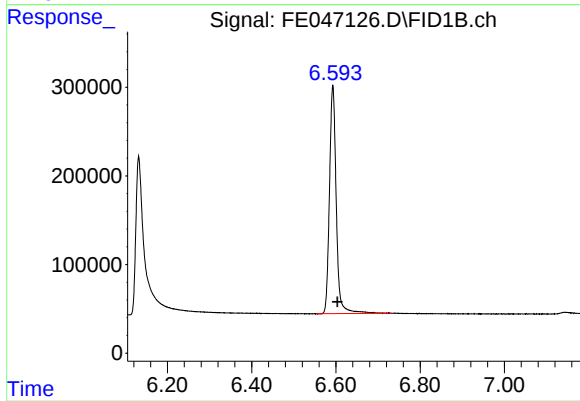
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.012 min
Response: 2823817
Conc: 18.23 ug/ml



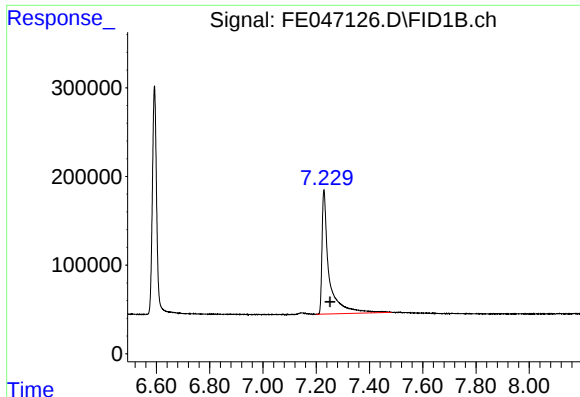
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.019 min
Response: 2798908
Conc: 17.77 ug/ml



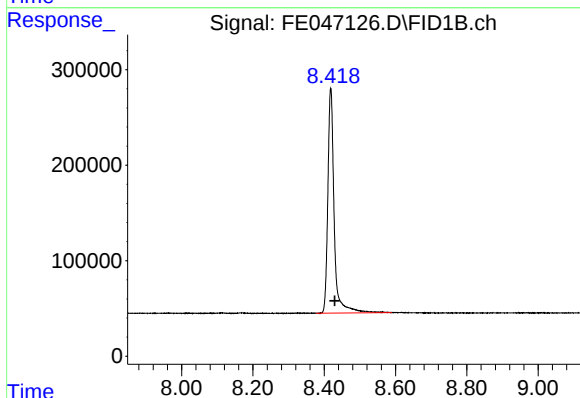
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 2882212
Conc: 18.54 ug/ml



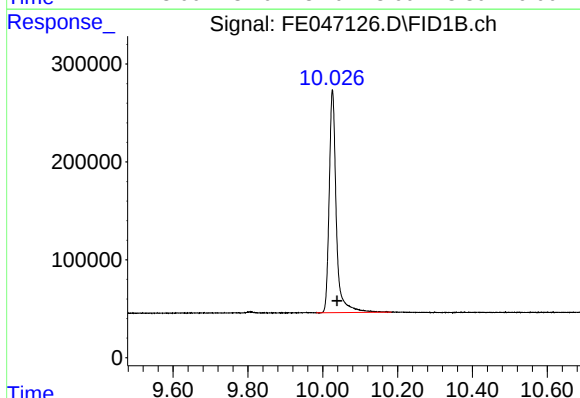
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min
Delta R.T.: -0.023 min
Response: 2596766
Conc: 18.11 ug/ml



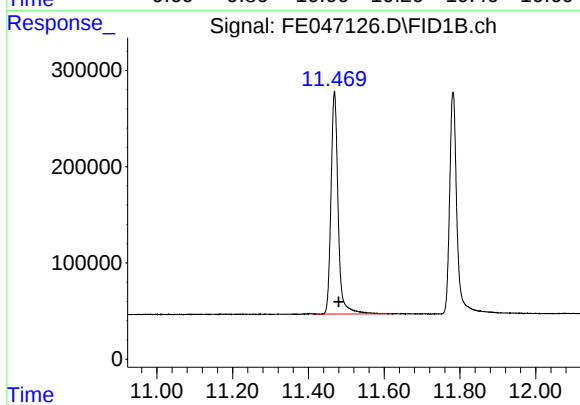
#6 n-Tetradecane (C14)

R.T.: 8.418 min
Delta R.T.: -0.011 min
Response: 2893009
Conc: 18.76 ug/ml



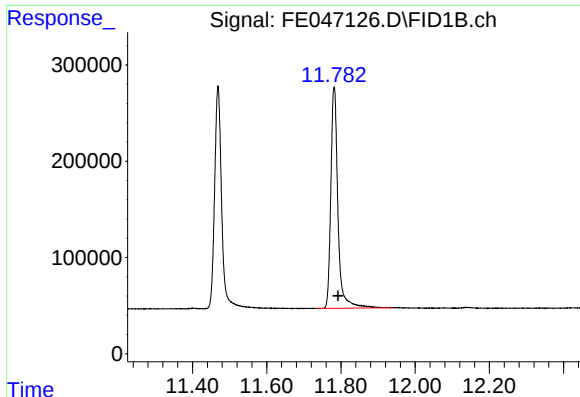
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.013 min
Response: 2994405
Conc: 18.87 ug/ml



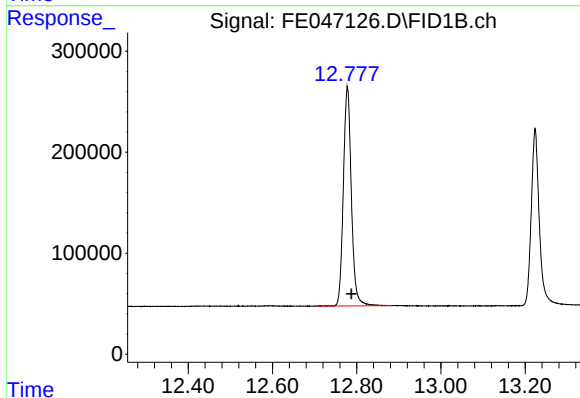
#8 n-Octadecane (C18)

R.T.: 11.469 min
Delta R.T.: -0.011 min
Response: 3031961
Conc: 19.02 ug/ml



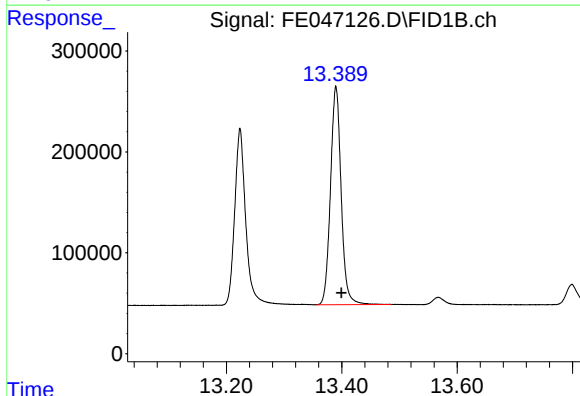
#9 ortho-Terphenyl (SURR)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 3055811
Conc: 18.60 ug/ml



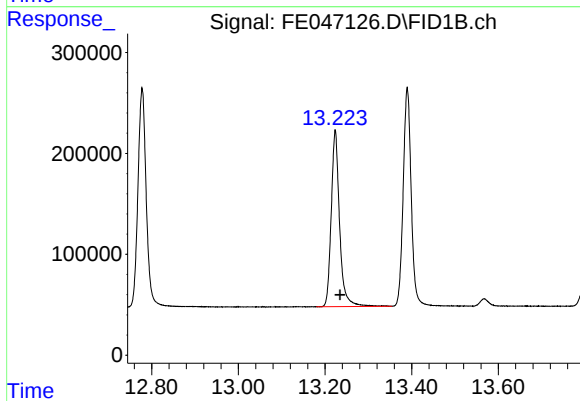
#10 n-Eicosane (C20)

R.T.: 12.778 min
Delta R.T.: -0.010 min
Response: 2864801
Conc: 18.93 ug/ml



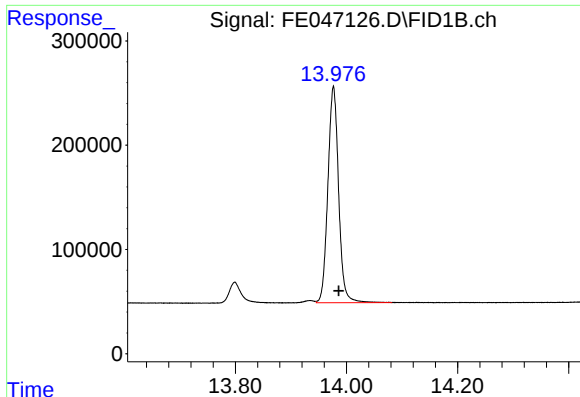
#11 n-Heneicosane (C21)

R.T.: 13.390 min
Delta R.T.: -0.010 min
Response: 2779241
Conc: 18.77 ug/ml



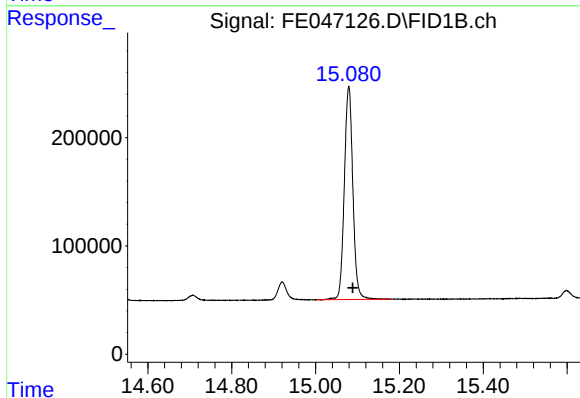
#12 1-chlorooctadecane (SURR)

R.T.: 13.224 min
Delta R.T.: -0.011 min
Response: 2335051
Conc: 18.97 ug/ml



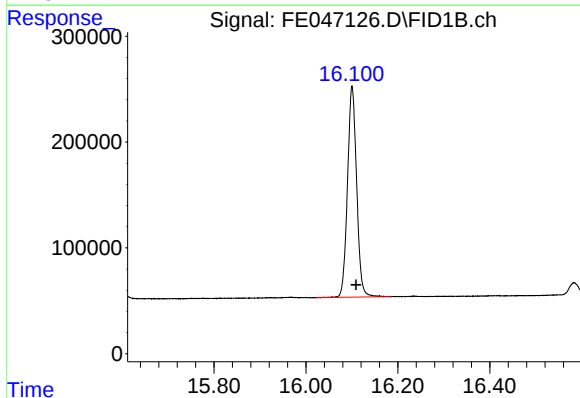
#13 n-Docosane (C22)

R.T.: 13.977 min
Delta R.T.: -0.009 min
Response: 2774772
Conc: 19.07 ug/ml



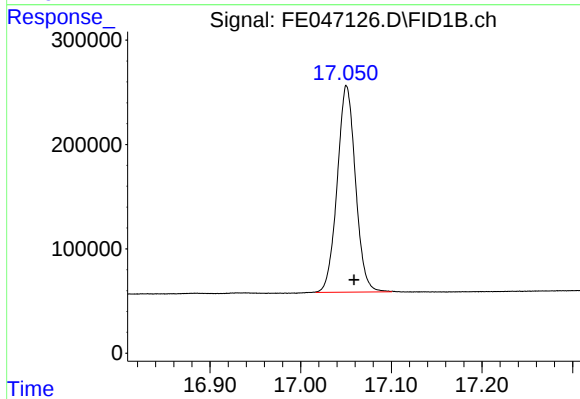
#14 n-Tetracosane (C24)

R.T.: 15.079 min
Delta R.T.: -0.009 min
Response: 2784211
Conc: 19.49 ug/ml



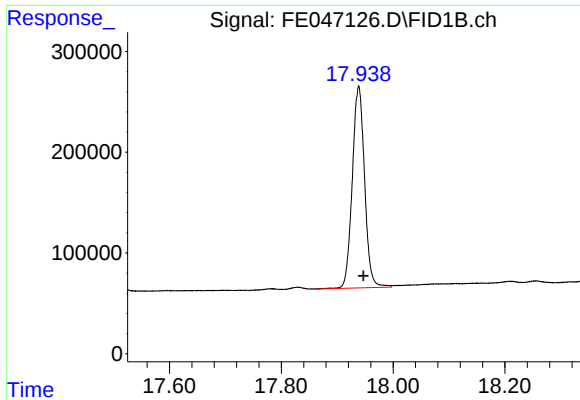
#15 n-Hexacosane (C26)

R.T.: 16.100 min
Delta R.T.: -0.009 min
Response: 2756957
Conc: 19.73 ug/ml



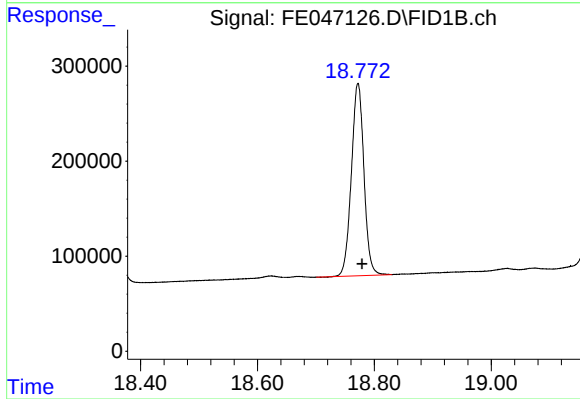
#16 n-Octacosane (C28)

R.T.: 17.050 min
Delta R.T.: -0.009 min
Response: 2773545
Conc: 20.36 ug/ml m



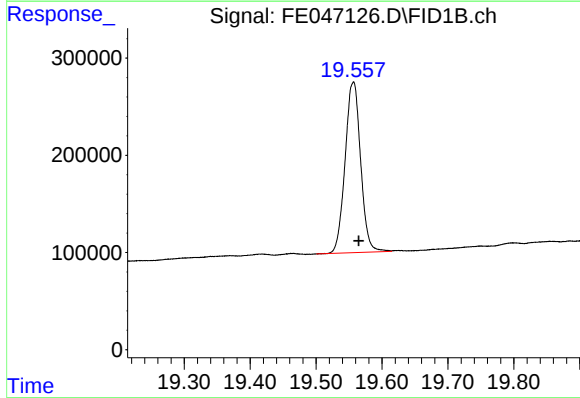
#17 n-Tricontane (C30)

R.T.: 17.939 min
Delta R.T.: -0.008 min
Response: 3056948
Conc: 21.91 ug/ml



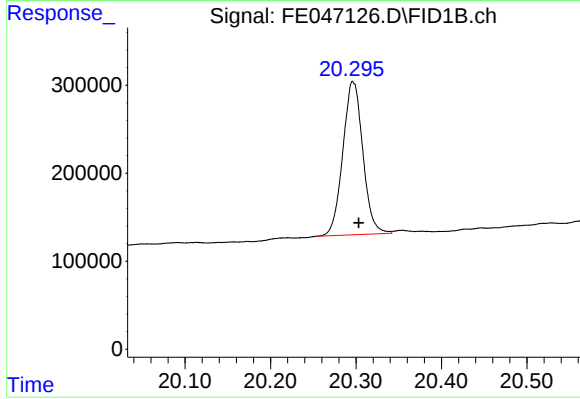
#18 n-Dotriacontane (C32)

R.T.: 18.772 min
Delta R.T.: -0.007 min
Response: 3017220
Conc: 21.93 ug/ml



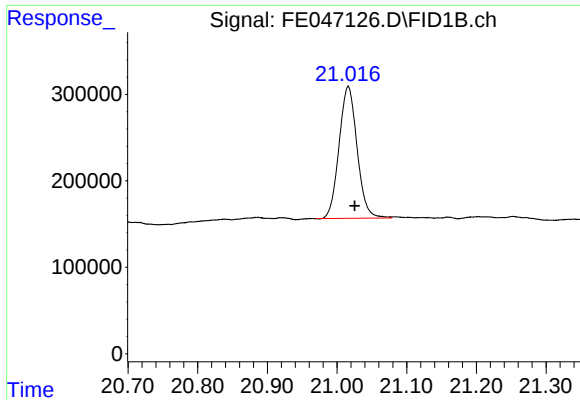
#19 n-Tetratriacontane (C34)

R.T.: 19.557 min
Delta R.T.: -0.008 min
Response: 2877304
Conc: 21.42 ug/ml



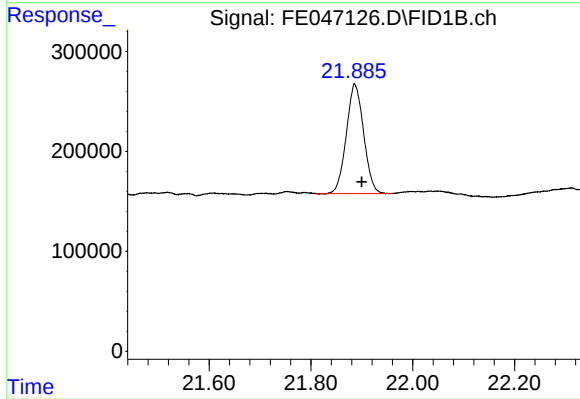
#20 n-Hexatriacontane (C36)

R.T.: 20.296 min
Delta R.T.: -0.007 min
Response: 2833383
Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: -0.009 min
Response: 2748976
Conc: 19.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.014 min
Response: 2591408
Conc: 18.37 ug/ml