

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022423AL\
 Data File : FE040552.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2023 20:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 04:02:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.877	3570974	22.062 ug/ml
Spiked Amount 50.000		Recovery =	44.12%
12) S 1-chlorooctadecane (S...	13.315	2686641	21.662 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
Target Compounds			
1) T n-Nonane (C9)	3.275	2961869	21.762 ug/ml
2) T n-Decane (C10)	4.524	2881582	21.687 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3186006	21.769 ug/ml
4) T n-Dodecane (C12)	6.687	2934251	21.794 ug/ml
5) T A~2-methylnaphthalene...	7.320	2880792	21.283 ug/ml
6) T n-Tetradecane (C14)	8.513	2972943	21.572 ug/ml
7) T n-Hexadecane (C16)	10.120	3084963	21.495 ug/ml
8) T n-Octadecane (C18)	11.562	3209672	21.577 ug/ml
10) T n-Eicosane (C20)	12.871	3177688	21.614 ug/ml
11) T n-Heneicosane (C21)	13.483	3212389	21.780 ug/ml
13) T n-Docosane (C22)	14.069	3176357	21.437 ug/ml
14) T n-Tetracosane (C24)	15.172	3167101	20.863 ug/ml
15) T n-Hexacosane (C26)	16.194	3056352	20.616 ug/ml
16) T n-Octacosane (C28)	17.143	3020643	20.156 ug/ml
17) T n-Tricontane (C30)	18.032	2866048	19.424 ug/ml
18) T n-Dotriacontane (C32)	18.864	2812213	19.201 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2740256	19.923 ug/ml
20) T n-Hexatriacontane (C36)	20.388	2486596	18.747 ug/ml
21) T n-Octatriacontane (C38)	21.117	2220745	17.118 ug/ml
22) T n-Tetracontane (C40)	22.007	2563027	19.304 ug/ml

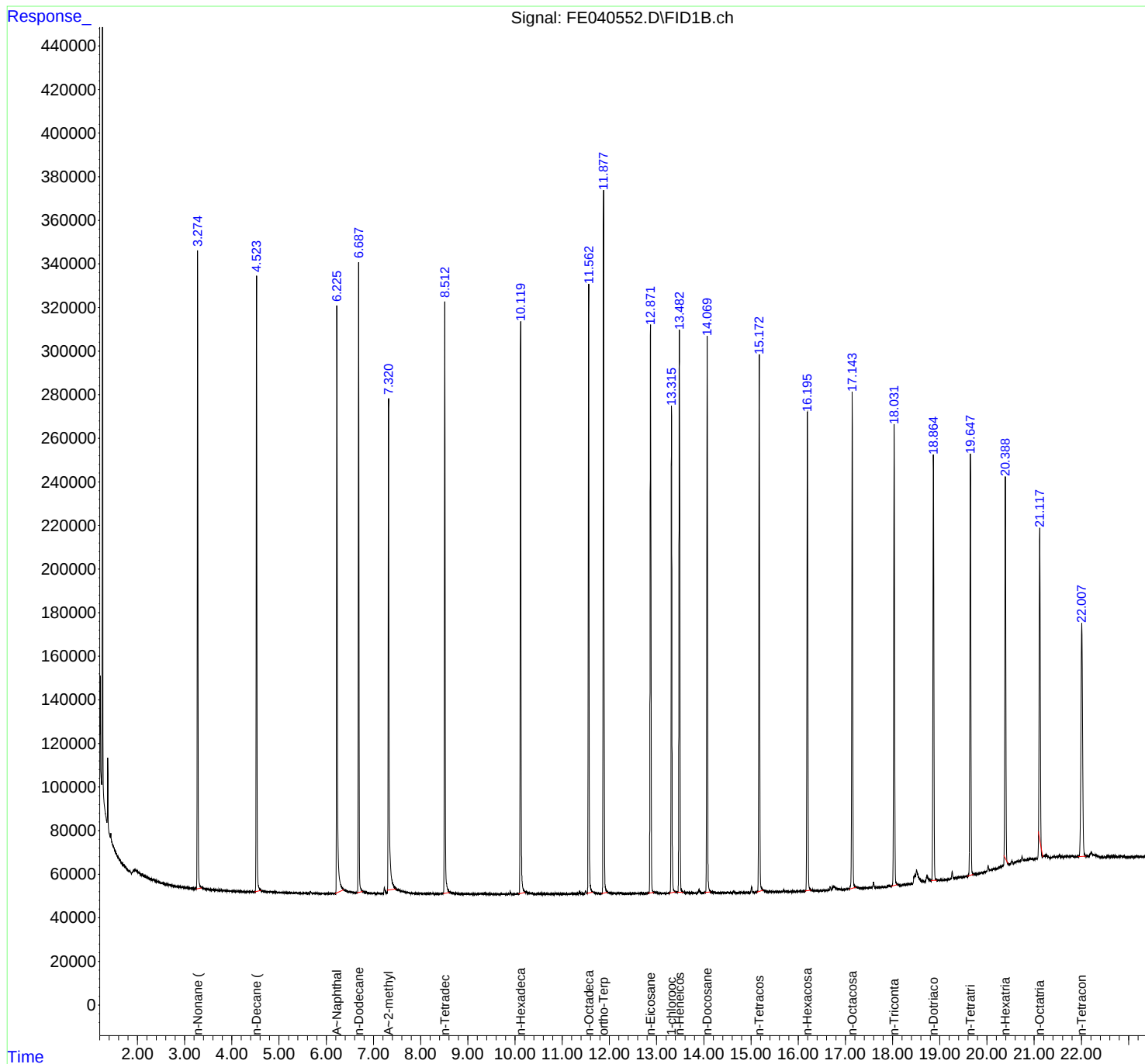
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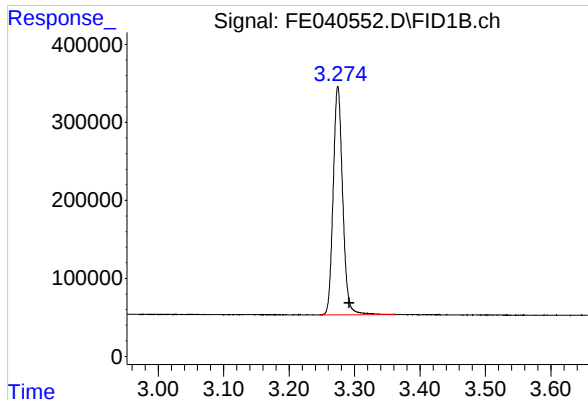
(m)=manual int.

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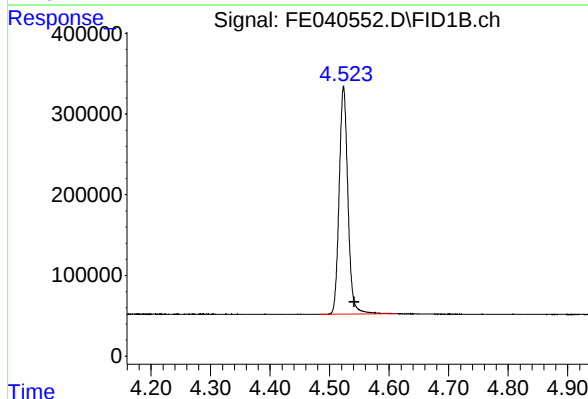
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





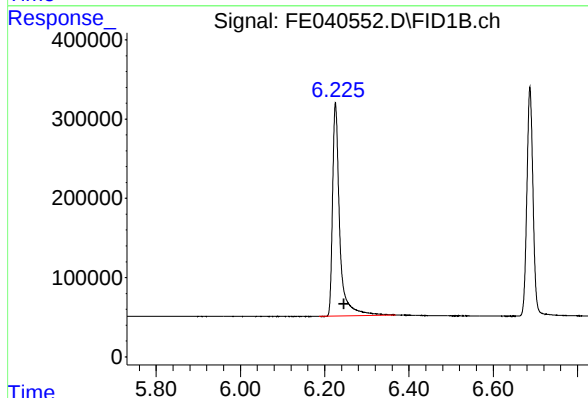
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.017 min
Response: 2961869
Conc: 21.76 ug/ml



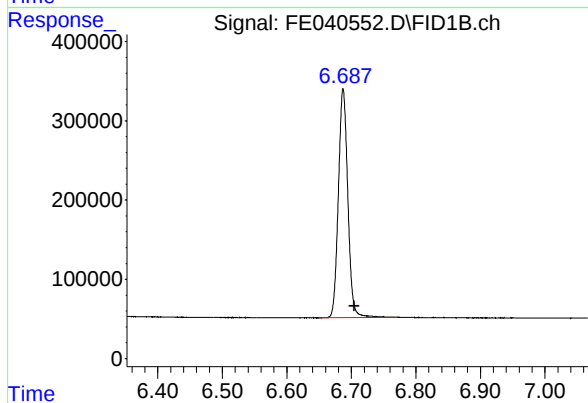
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.018 min
Response: 2881582
Conc: 21.69 ug/ml



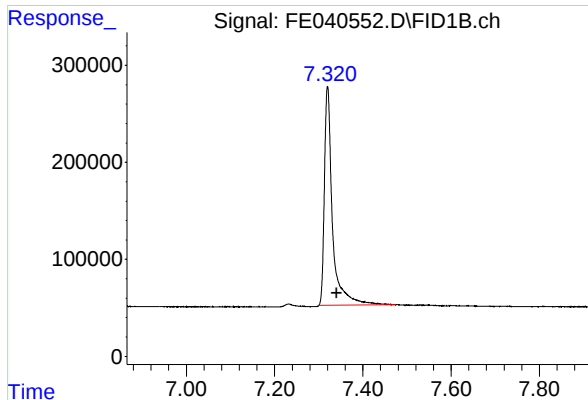
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.020 min
Response: 3186006
Conc: 21.77 ug/ml



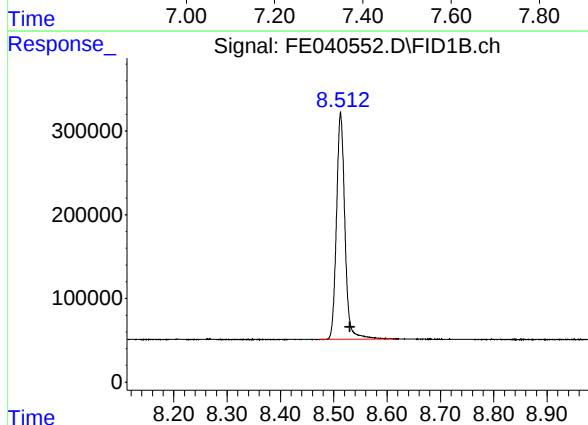
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.017 min
Response: 2934251
Conc: 21.79 ug/ml



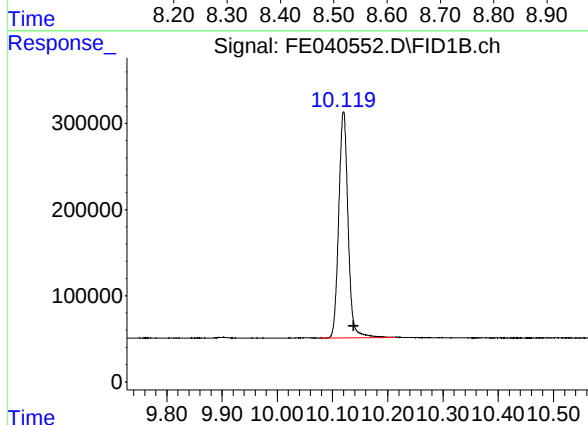
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: -0.021 min
Response: 2880792
Conc: 21.28 ug/ml



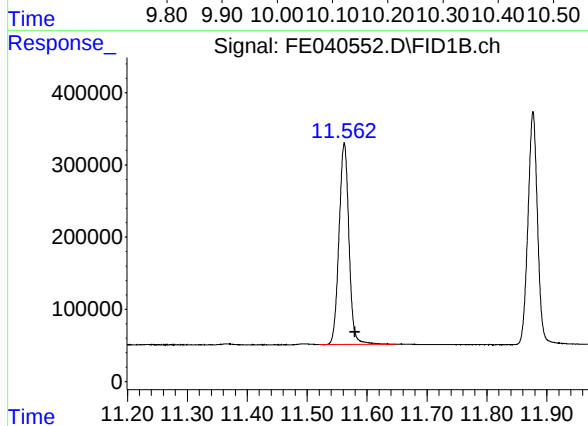
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.018 min
Response: 2972943
Conc: 21.57 ug/ml



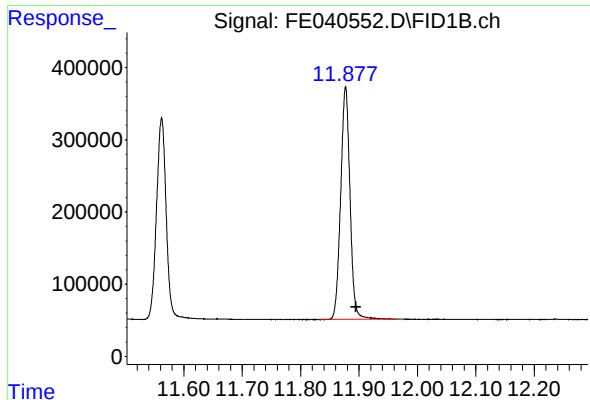
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.018 min
Response: 3084963
Conc: 21.50 ug/ml



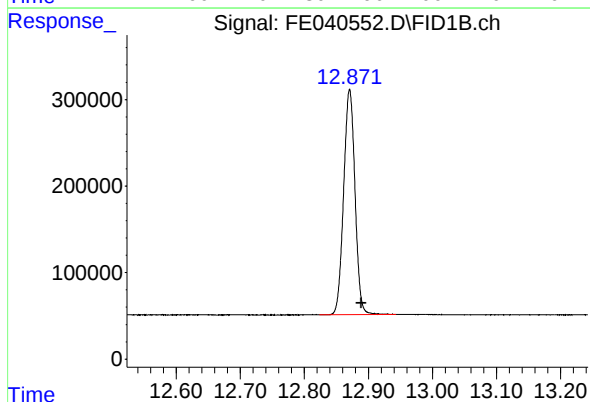
#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: -0.018 min
Response: 3209672
Conc: 21.58 ug/ml



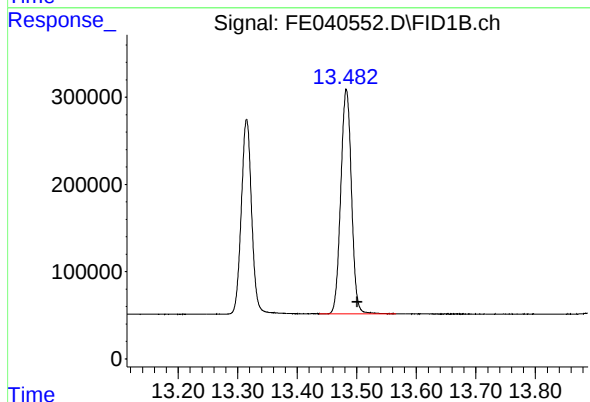
#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: -0.018 min
Response: 3570974
Conc: 22.06 ug/ml



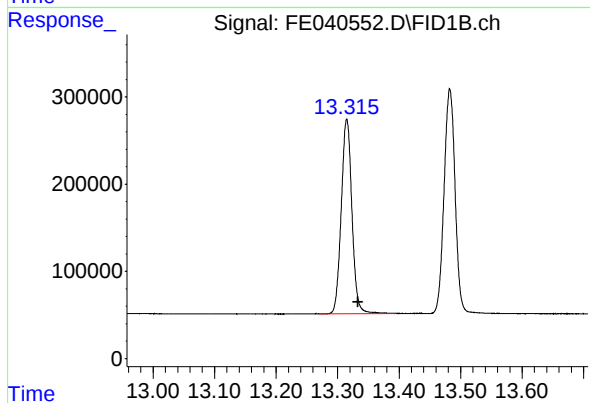
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.018 min
Response: 3177688
Conc: 21.61 ug/ml



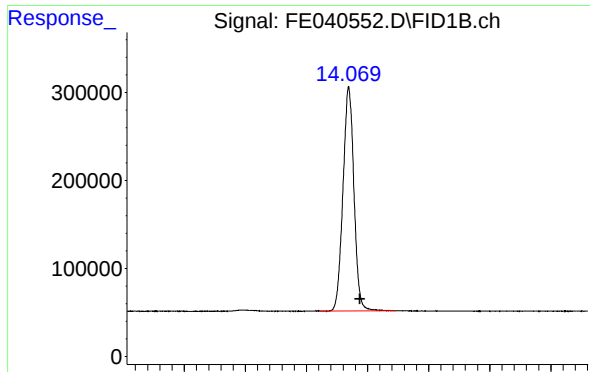
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.018 min
Response: 3212389
Conc: 21.78 ug/ml



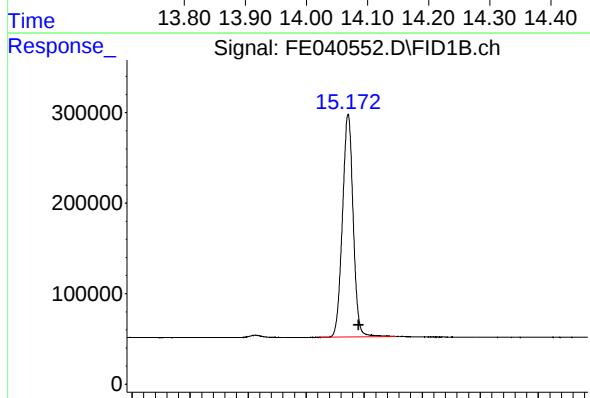
#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.018 min
Response: 2686641
Conc: 21.66 ug/ml



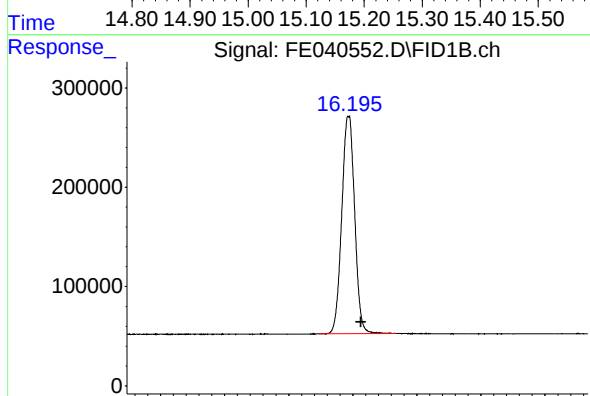
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: -0.018 min
Response: 3176357
Conc: 21.44 ug/ml



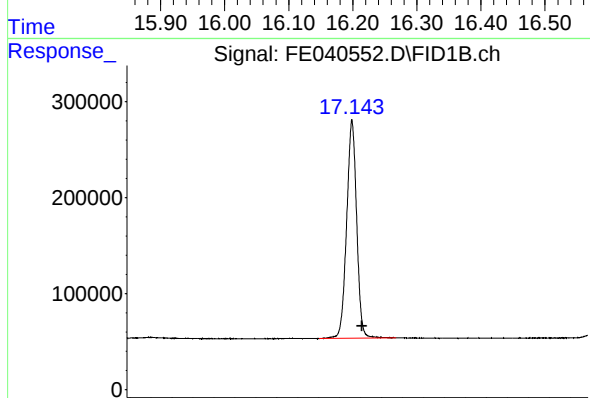
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.018 min
Response: 3167101
Conc: 20.86 ug/ml



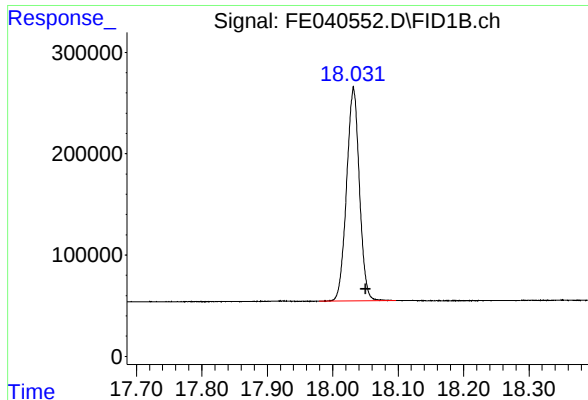
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.019 min
Response: 3056352
Conc: 20.62 ug/ml



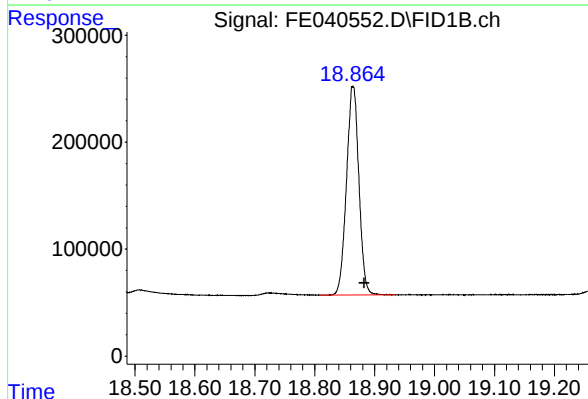
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.019 min
Response: 3020643
Conc: 20.16 ug/ml



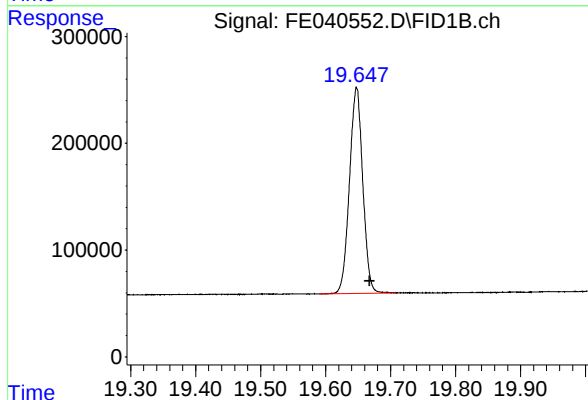
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.018 min
Response: 2866048
Conc: 19.42 ug/ml



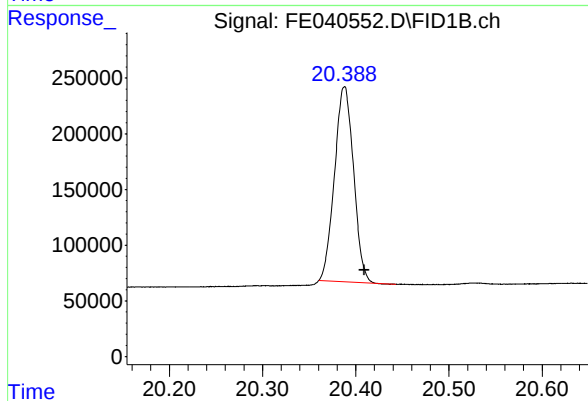
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.019 min
Response: 2812213
Conc: 19.20 ug/ml



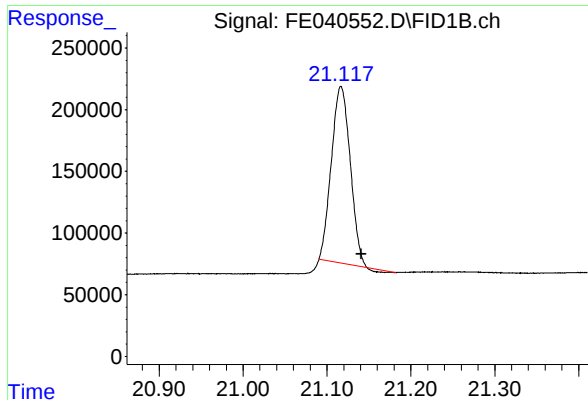
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.020 min
Response: 2740256
Conc: 19.92 ug/ml



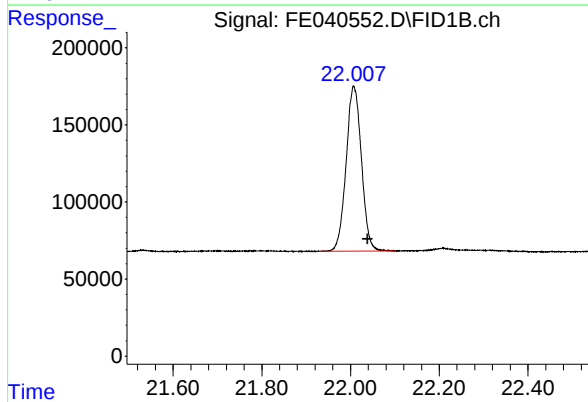
#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: -0.021 min
Response: 2486596
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.024 min
Response: 2220745
Conc: 17.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: -0.032 min
Response: 2563027
Conc: 19.30 ug/ml