

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021024AL\
 Data File : FE046672.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2024 14:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 12 00:00:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.811	3408570	18.434 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
12) S 1-chlorooctadecane (S...	13.253	2568682	18.054 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
Target Compounds			
1) T n-Nonane (C9)	3.199	3224896	19.965 ug/mlm
2) T n-Decane (C10)	4.450	3322173	20.271 ug/ml
3) T A~Naphthalene (C11.7)	6.155	3415573	19.974 ug/ml
4) T n-Dodecane (C12)	6.618	3338795	20.185 ug/ml
5) T A~2-methylnaphthalene...	7.251	3221428	20.198 ug/ml
6) T n-Tetradecane (C14)	8.444	3266401	19.930 ug/ml
7) T n-Hexadecane (C16)	10.053	3316904	19.411 ug/ml
8) T n-Octadecane (C18)	11.497	3310084	18.987 ug/ml
10) T n-Eicosane (C20)	12.807	3125298	18.407 ug/ml
11) T n-Heneicosane (C21)	13.420	3044560	18.254 ug/ml
13) T n-Docosane (C22)	14.006	3016261	18.207 ug/ml
14) T n-Tetracosane (C24)	15.110	2991728	18.131 ug/ml
15) T n-Hexacosane (C26)	16.134	2939409	18.212 ug/ml
16) T n-Octacosane (C28)	17.085	2905932	18.511 ug/ml
17) T n-Tricontane (C30)	17.975	2997454	19.137 ug/ml
18) T n-Dotriacontane (C32)	18.809	2933674	19.408 ug/ml
19) T n-Tetratriacontane (C34)	19.594	2819184	19.876 ug/mlm
20) T n-Hexatriacontane (C36)	20.337	2610183	18.936 ug/ml
21) T n-Octatriacontane (C38)	21.062	2661921	20.765 ug/ml
22) T n-Tetracontane (C40)	21.949	2696822	21.568 ug/mlm

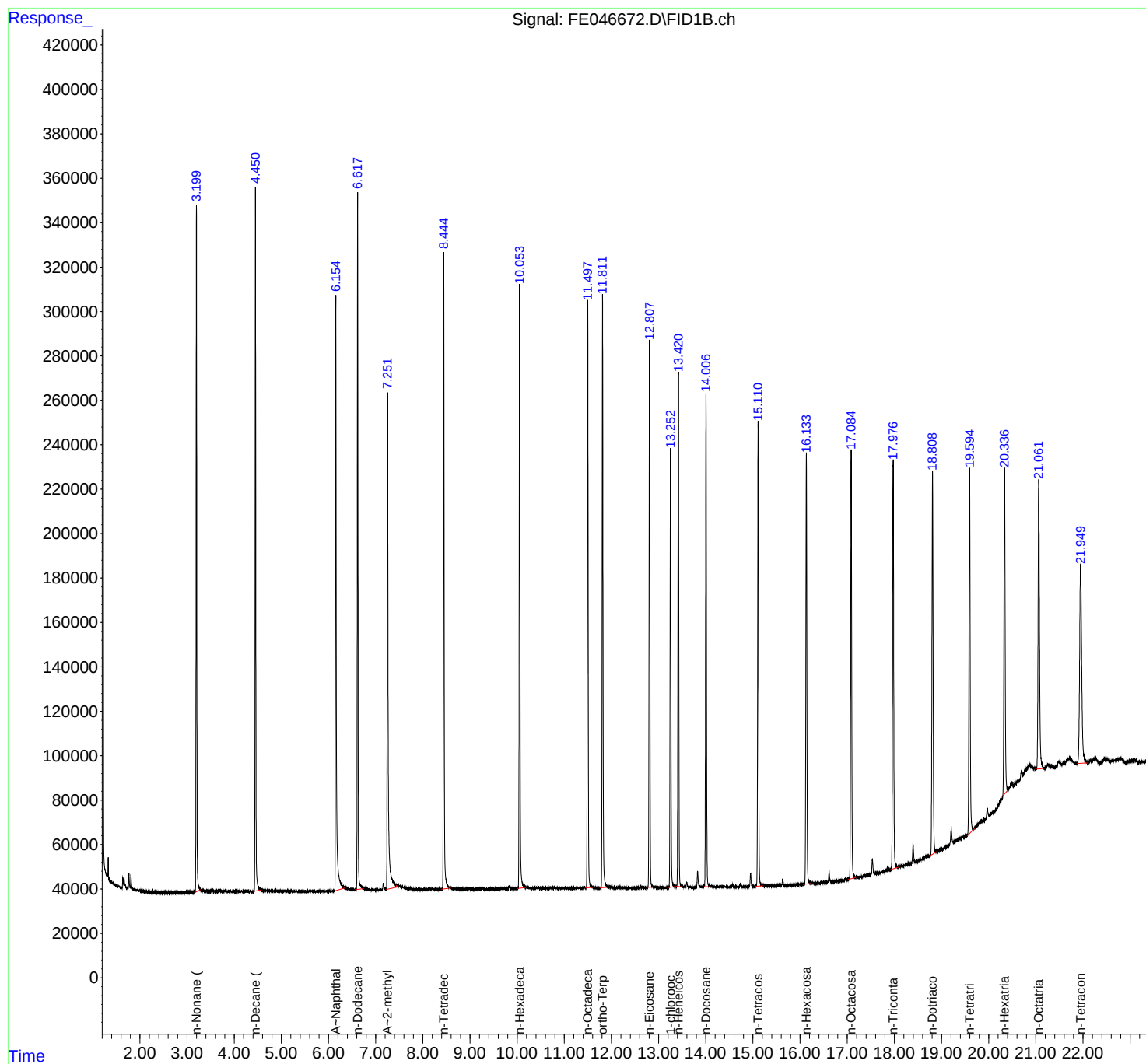
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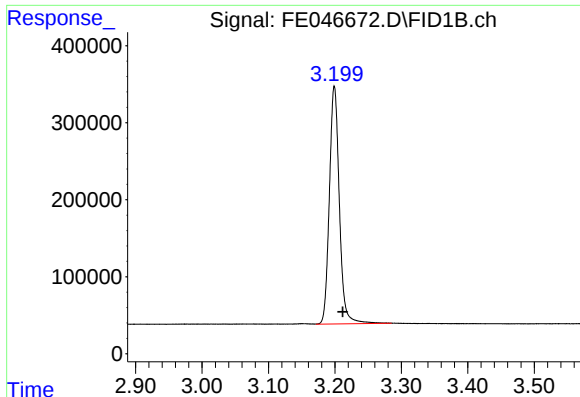
(m)=manual int.

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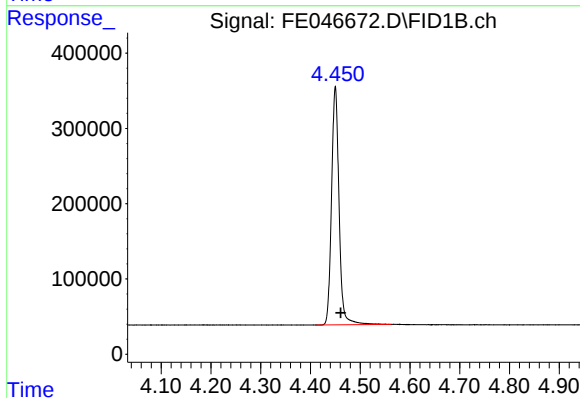
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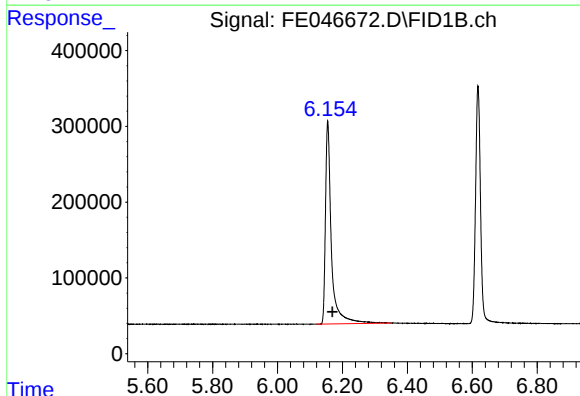
#1 n-Nonane (C9)

R.T.: 3.199 min
Delta R.T.: -0.013 min
Response: 3224896
Conc: 19.97 ug/ml m



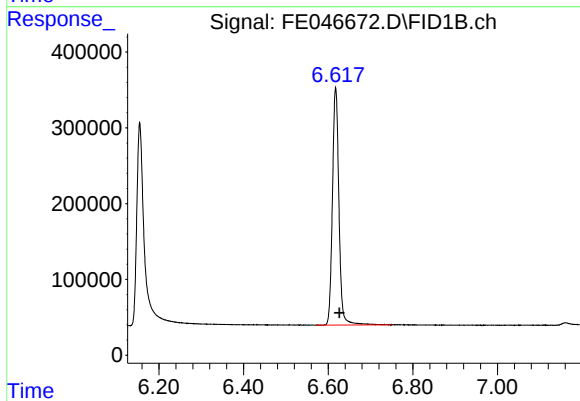
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.011 min
Response: 3322173
Conc: 20.27 ug/ml



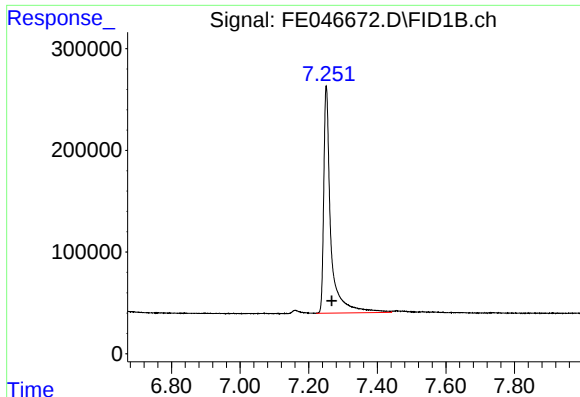
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.014 min
Response: 3415573
Conc: 19.97 ug/ml



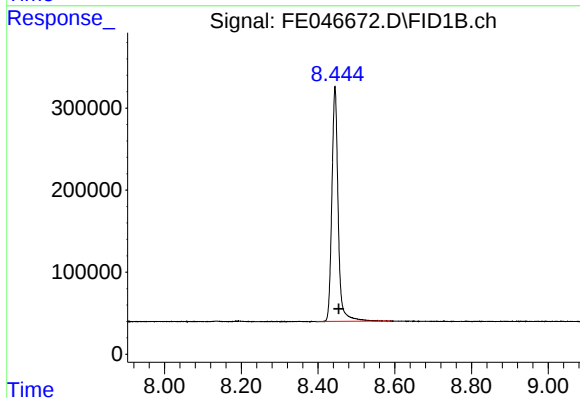
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: -0.009 min
Response: 3338795
Conc: 20.18 ug/ml



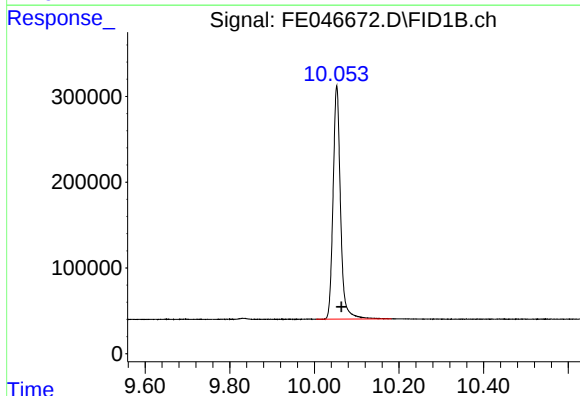
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: -0.016 min
Response: 3221428
Conc: 20.20 ug/ml



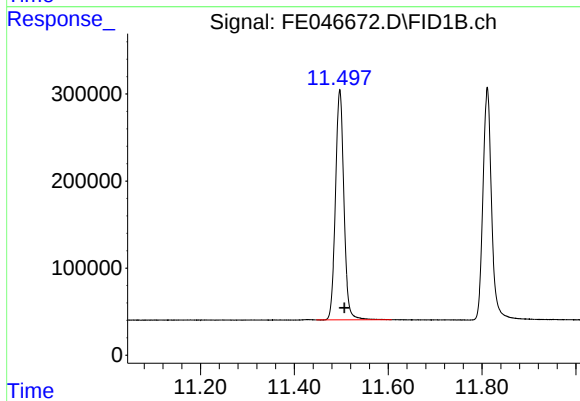
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: -0.010 min
Response: 3266401
Conc: 19.93 ug/ml



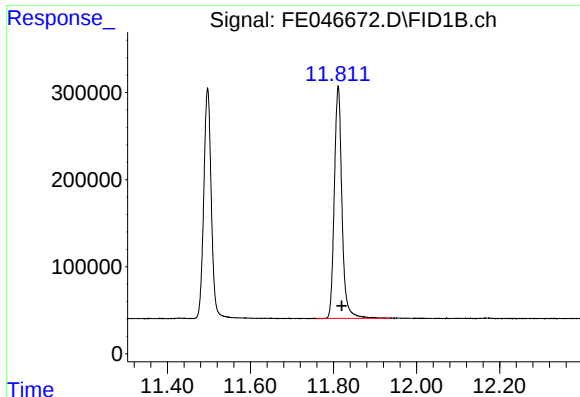
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: -0.011 min
Response: 3316904
Conc: 19.41 ug/ml



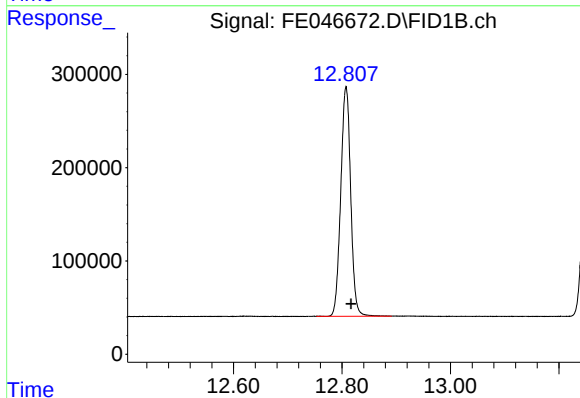
#8 n-Octadecane (C18)

R.T.: 11.497 min
Delta R.T.: -0.009 min
Response: 3310084
Conc: 18.99 ug/ml



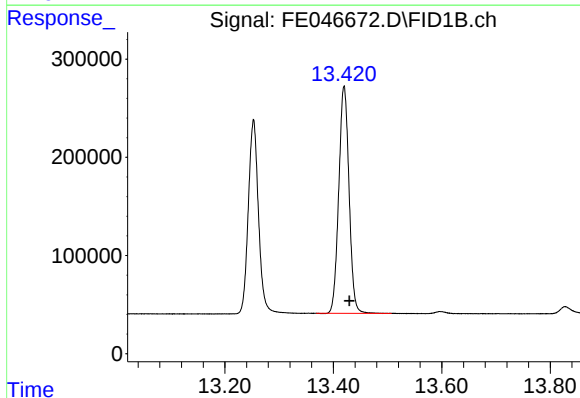
#9 ortho-Terphenyl (SURR)

R.T.: 11.811 min
Delta R.T.: -0.009 min
Response: 3408570
Conc: 18.43 ug/ml



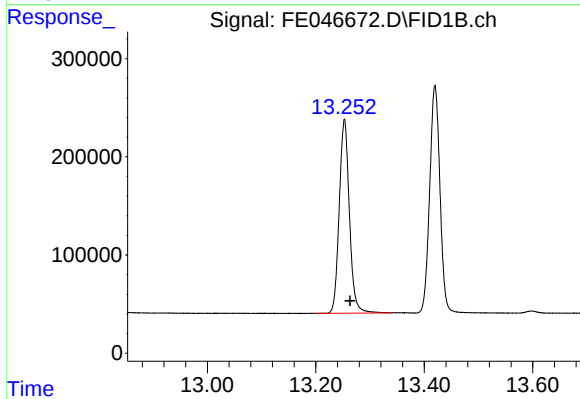
#10 n-Eicosane (C20)

R.T.: 12.807 min
Delta R.T.: -0.009 min
Response: 3125298
Conc: 18.41 ug/ml



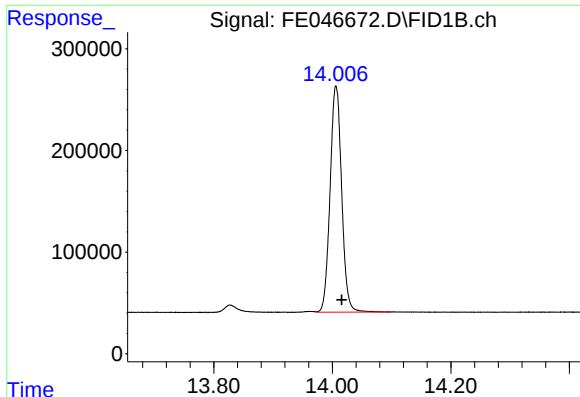
#11 n-Heneicosane (C21)

R.T.: 13.420 min
Delta R.T.: -0.010 min
Response: 3044560
Conc: 18.25 ug/ml



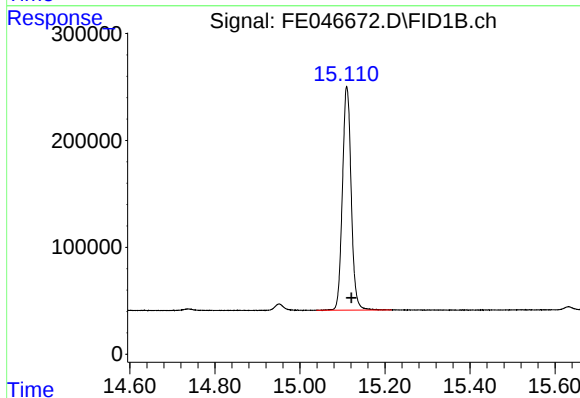
#12 1-chlorooctadecane (SURR)

R.T.: 13.253 min
Delta R.T.: -0.011 min
Response: 2568682
Conc: 18.05 ug/ml



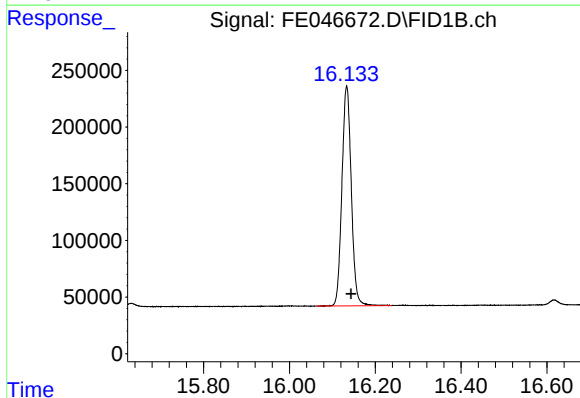
#13 n-Docosane (C22)

R.T.: 14.006 min
Delta R.T.: -0.010 min
Response: 3016261
Conc: 18.21 ug/ml



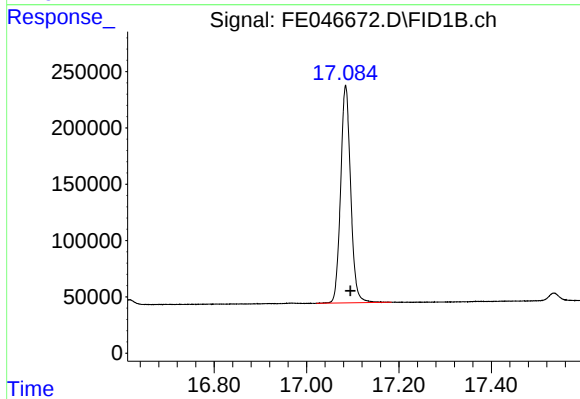
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.011 min
Response: 2991728
Conc: 18.13 ug/ml



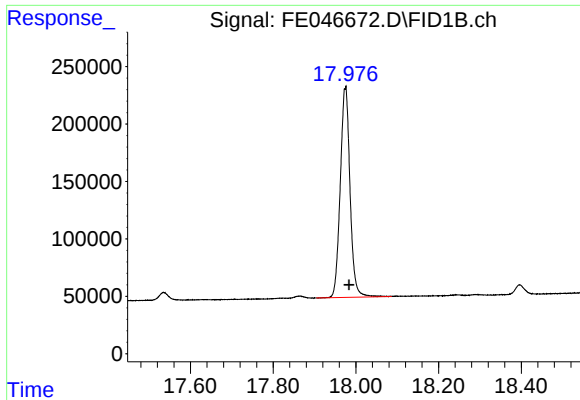
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.010 min
Response: 2939409
Conc: 18.21 ug/ml



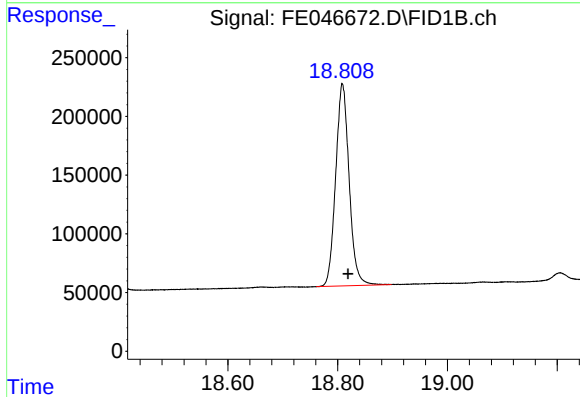
#16 n-Octacosane (C28)

R.T.: 17.085 min
Delta R.T.: -0.010 min
Response: 2905932
Conc: 18.51 ug/ml



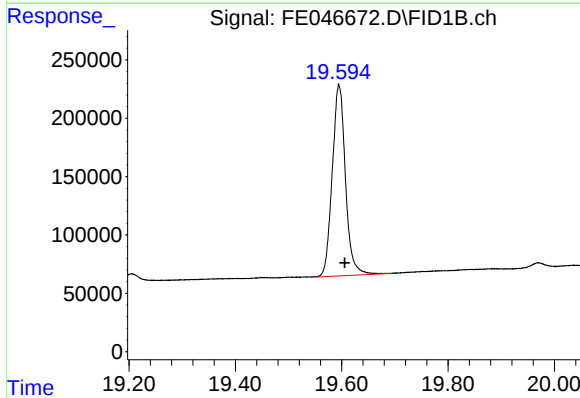
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.009 min
Response: 2997454
Conc: 19.14 ug/ml



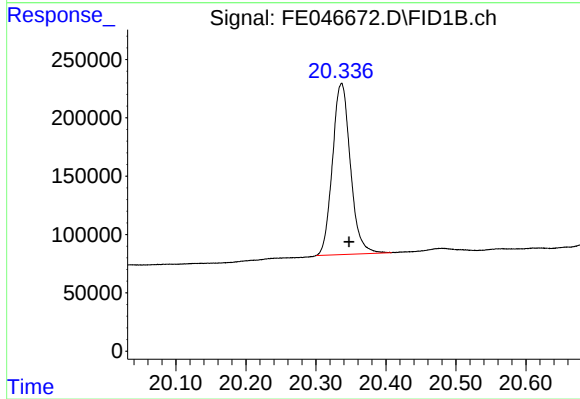
#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.010 min
Response: 2933674
Conc: 19.41 ug/ml



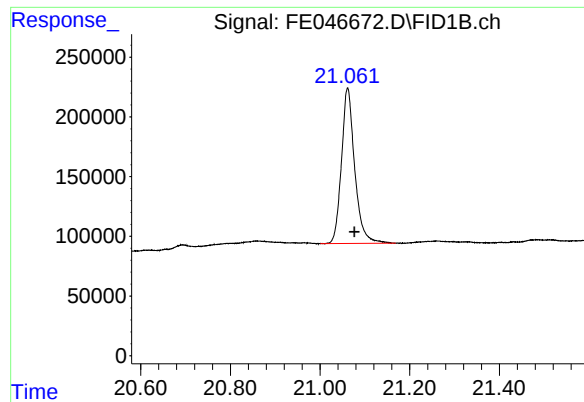
#19 n-Tetratriacontane (C34)

R.T.: 19.594 min
Delta R.T.: -0.012 min
Response: 2819184
Conc: 19.88 ug/ml m



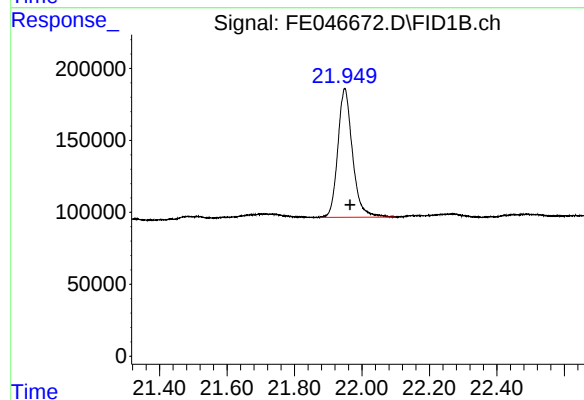
#20 n-Hexatriacontane (C36)

R.T.: 20.337 min
Delta R.T.: -0.011 min
Response: 2610183
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: -0.015 min
Response: 2661921
Conc: 20.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.949 min
Delta R.T.: -0.015 min
Response: 2696822
Conc: 21.57 ug/ml m