

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071323AL\
 Data File : FE043189.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 20:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 03:05:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.900	3739165	20.881 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
12) S 1-chlorooctadecane (S...	13.337	2755202	20.969 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
Target Compounds			
1) T n-Nonane (C9)	3.279	3165406	20.732 ug/ml
2) T n-Decane (C10)	4.531	3246630	20.826 ug/ml
3) T A~Naphthalene (C11.7)	6.241	3412055	21.204 ug/ml
4) T n-Dodecane (C12)	6.702	3289153	20.874 ug/ml
5) T A~2-methylnaphthalene...	7.338	3235606	21.323 ug/ml
6) T n-Tetradecane (C14)	8.531	3298029	20.851 ug/ml
7) T n-Hexadecane (C16)	10.139	3377314	20.869 ug/ml
8) T n-Octadecane (C18)	11.582	3410095	20.919 ug/ml
10) T n-Eicosane (C20)	12.891	3266188	21.022 ug/ml
11) T n-Heneicosane (C21)	13.503	3170645	20.928 ug/ml
13) T n-Docosane (C22)	14.089	3204970	21.445 ug/ml
14) T n-Tetracosane (C24)	15.192	3307602	22.522 ug/ml
15) T n-Hexacosane (C26)	16.214	3280255	23.031 ug/ml
16) T n-Octacosane (C28)	17.163	3300181	23.455 ug/ml
17) T n-Tricontane (C30)	18.050	3457471	23.470 ug/ml
18) T n-Dotriacontane (C32)	18.884	3429497	23.144 ug/ml
19) T n-Tetratriacontane (C34)	19.668	3158883	21.888 ug/ml
20) T n-Hexatriacontane (C36)	20.408	3002306	20.427 ug/ml
21) T n-Octatriacontane (C38)	21.147	3011860	21.113 ug/ml
22) T n-Tetracontane (C40)	22.058	3108370	21.062 ug/ml

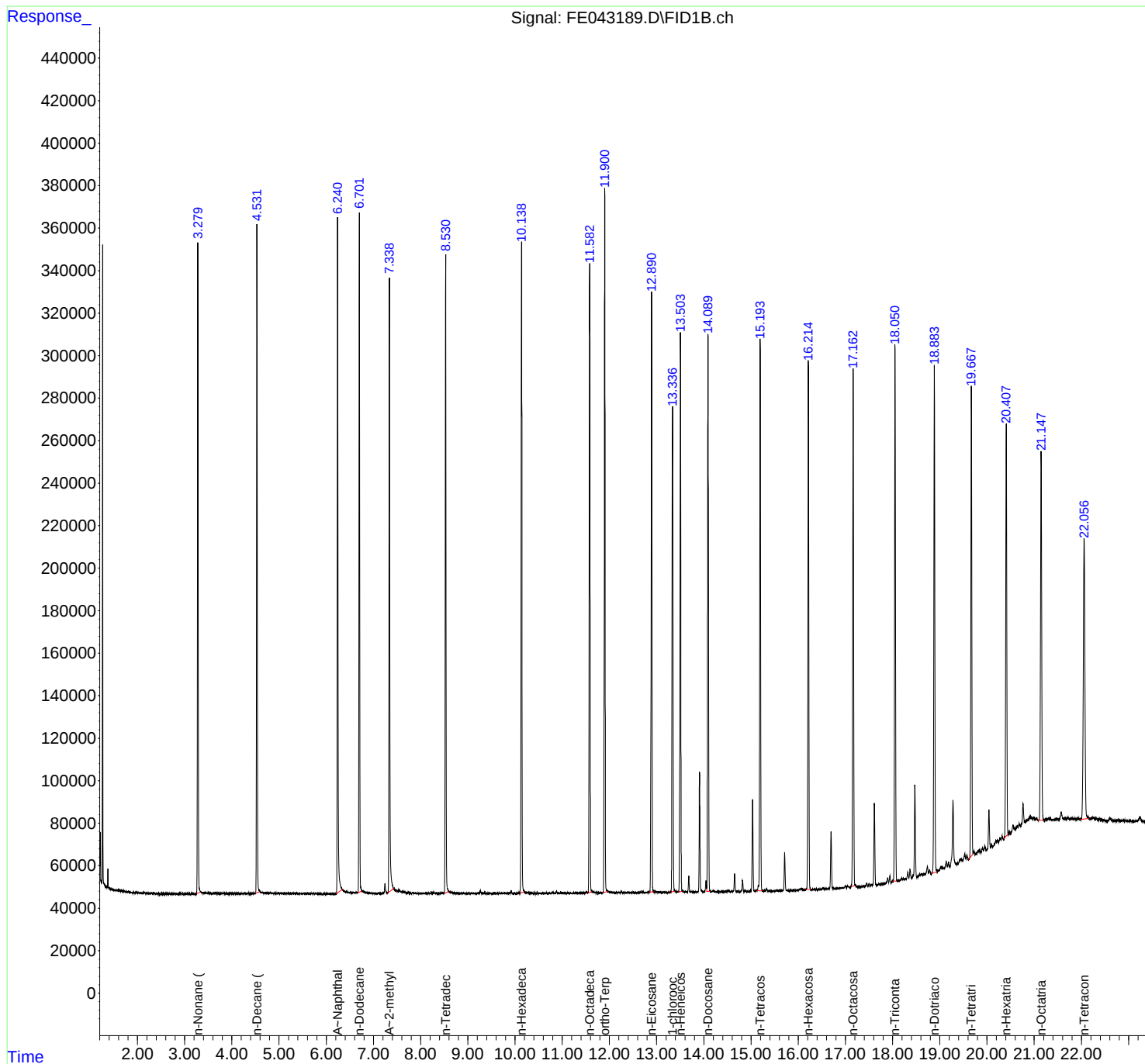
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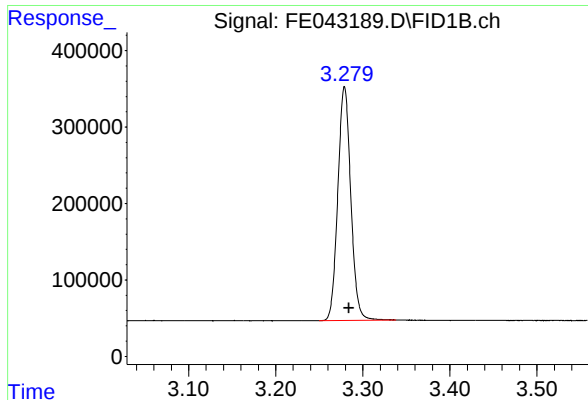
(m)=manual int.

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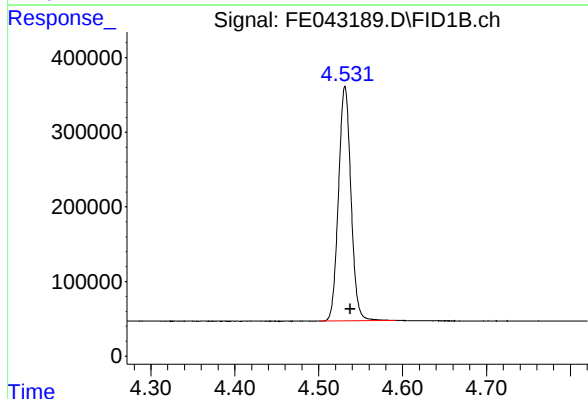
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Signal Info : 20M x 0.18mm x 0.18um





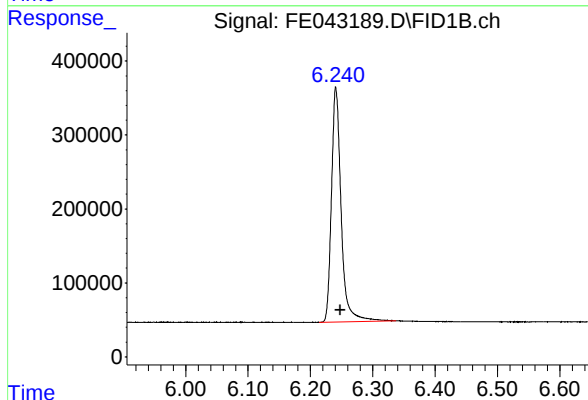
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 3165406
Conc: 20.73 ug/ml



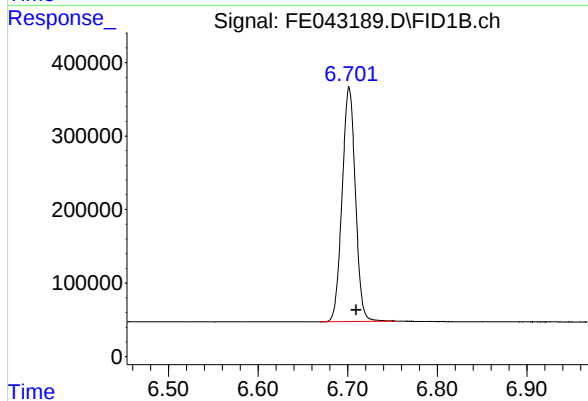
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.007 min
Response: 3246630
Conc: 20.83 ug/ml



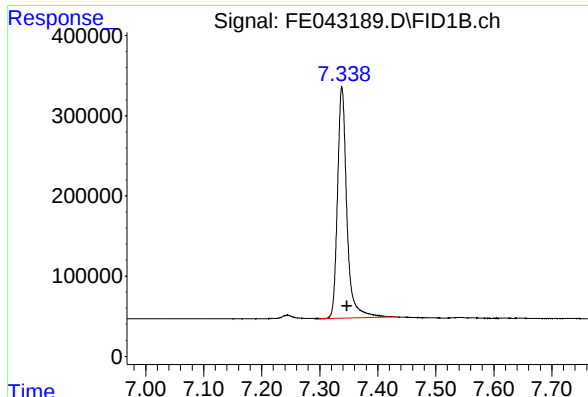
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.007 min
Response: 3412055
Conc: 21.20 ug/ml



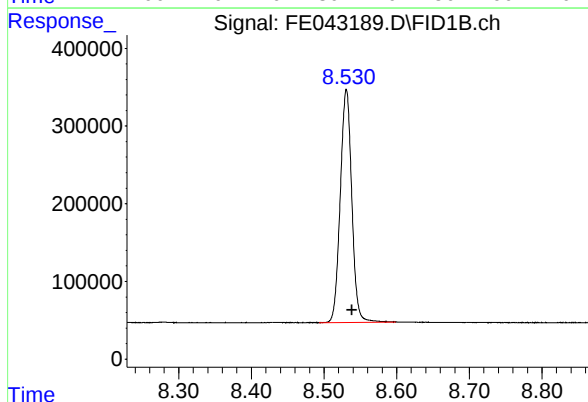
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 3289153
Conc: 20.87 ug/ml



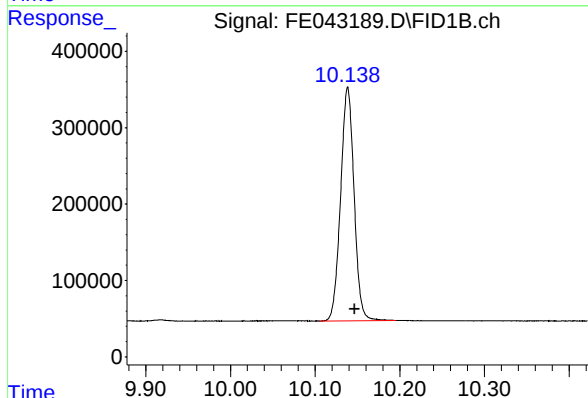
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.008 min
Response: 3235606
Conc: 21.32 ug/ml



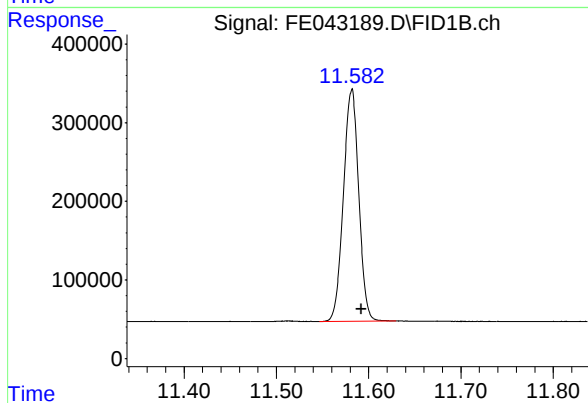
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.008 min
Response: 3298029
Conc: 20.85 ug/ml



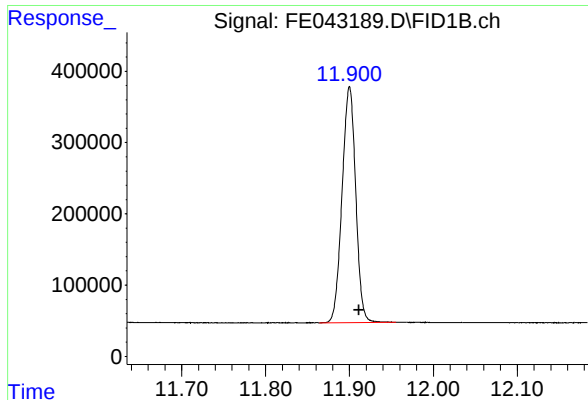
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.008 min
Response: 3377314
Conc: 20.87 ug/ml



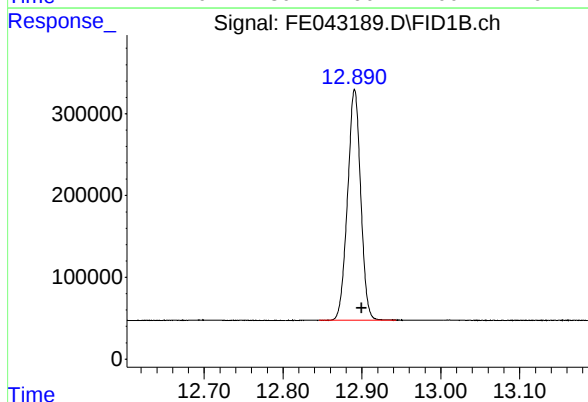
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.010 min
Response: 3410095
Conc: 20.92 ug/ml



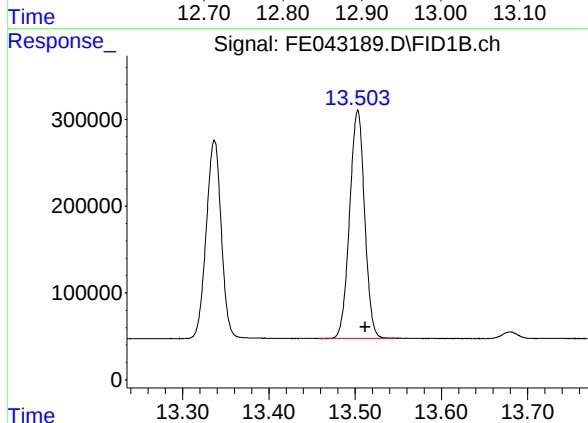
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.011 min
Response: 3739165
Conc: 20.88 ug/ml



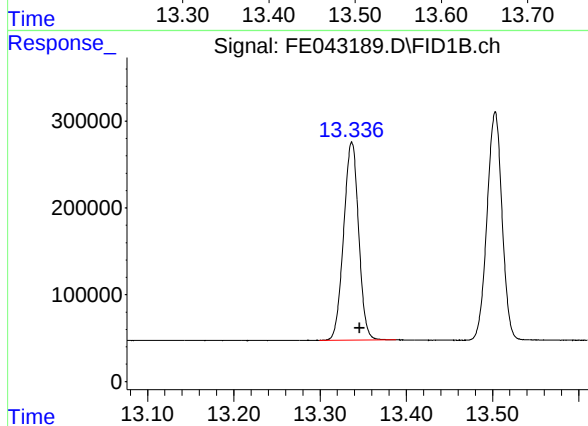
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.009 min
Response: 3266188
Conc: 21.02 ug/ml



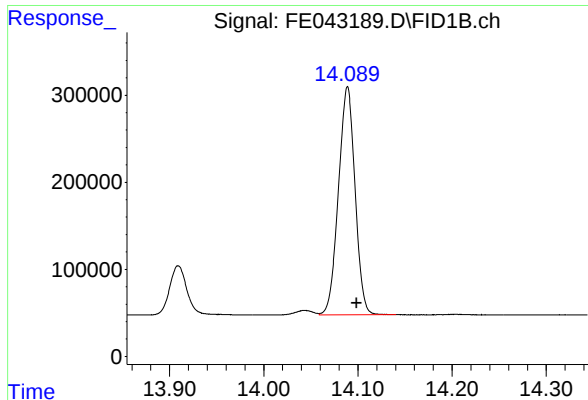
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.009 min
Response: 3170645
Conc: 20.93 ug/ml



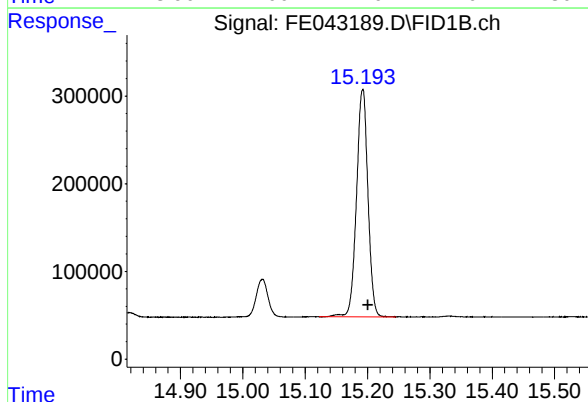
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.009 min
Response: 2755202
Conc: 20.97 ug/ml



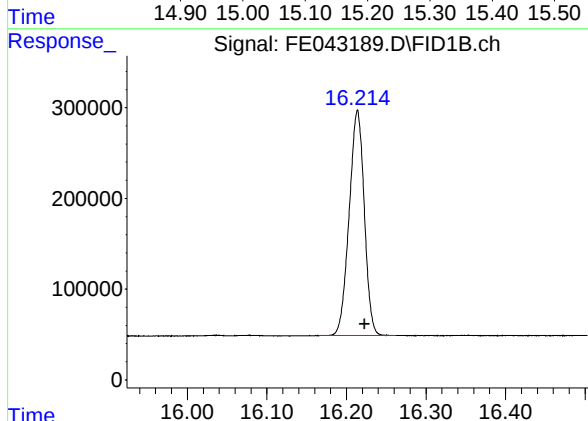
#13 n-Docosane (C22)

R.T.: 14.089 min
Delta R.T.: -0.009 min
Response: 3204970
Conc: 21.45 ug/ml



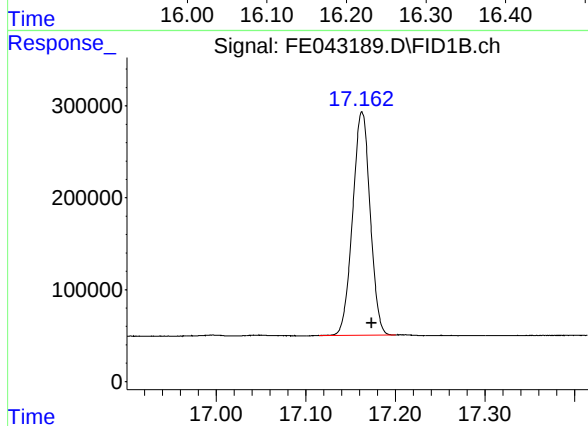
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.009 min
Response: 3307602
Conc: 22.52 ug/ml



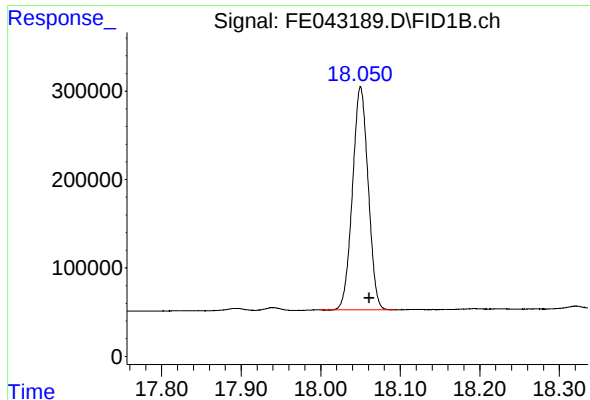
#15 n-Hexacosane (C26)

R.T.: 16.214 min
Delta R.T.: -0.009 min
Response: 3280255
Conc: 23.03 ug/ml



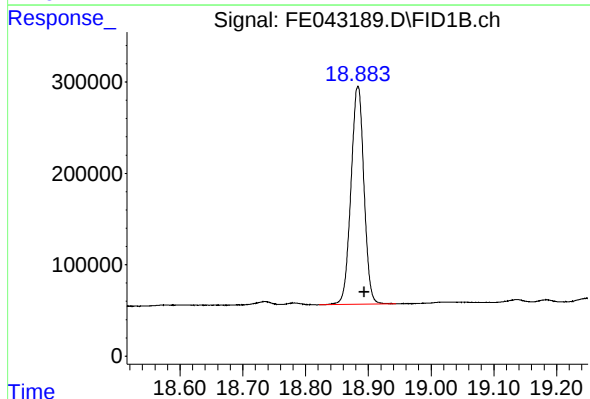
#16 n-Octacosane (C28)

R.T.: 17.163 min
Delta R.T.: -0.011 min
Response: 3300181
Conc: 23.45 ug/ml



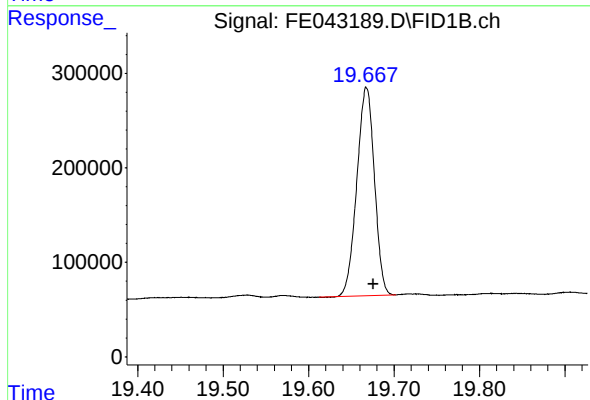
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: -0.011 min
Response: 3457471
Conc: 23.47 ug/ml



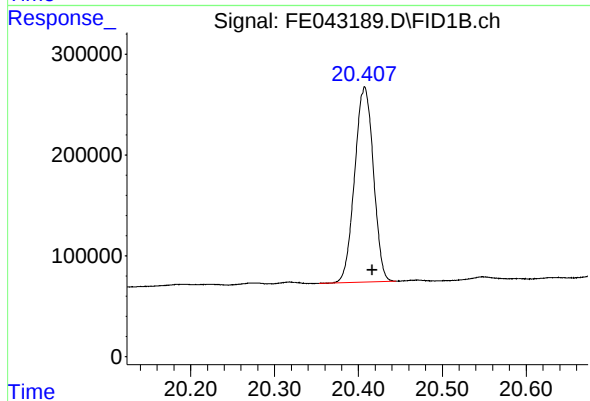
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: -0.010 min
Response: 3429497
Conc: 23.14 ug/ml



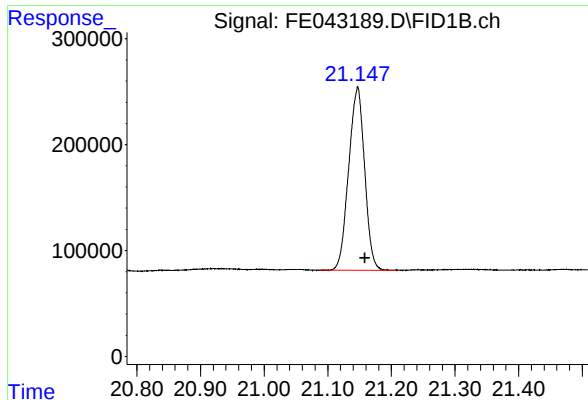
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.008 min
Response: 3158883
Conc: 21.89 ug/ml



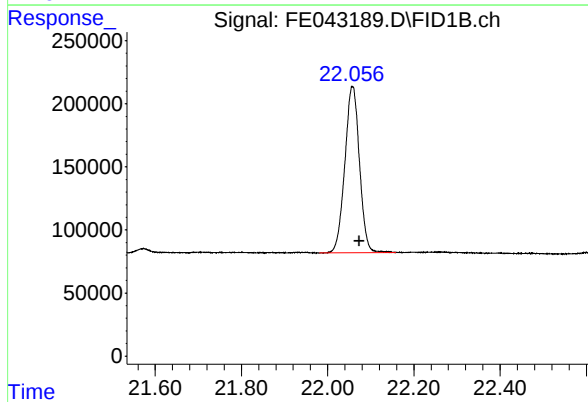
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.009 min
Response: 3002306
Conc: 20.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.011 min
Response: 3011860
Conc: 21.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: -0.016 min
Response: 3108370
Conc: 21.06 ug/ml