

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032224AL\
 Data File : FE047281.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2024 18:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 23:01:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.983	2952005	17.892 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
12) S 1-chlorooctadecane (S...	13.416	2286604	17.934 ug/ml
Spiked Amount 50.000		Recovery =	35.87%
Target Compounds			
1) T n-Nonane (C9)	3.367	2748077	18.278 ug/ml
2) T n-Decane (C10)	4.619	2801365	18.272 ug/ml
3) T A~Naphthalene (C11.7)	6.325	2941682	18.451 ug/ml
4) T n-Dodecane (C12)	6.784	2813062	18.282 ug/ml
5) T A~2-methylnaphthalene...	7.420	2840790	18.510 ug/ml
6) T n-Tetradecane (C14)	8.611	2774700	18.211 ug/ml
7) T n-Hexadecane (C16)	10.219	2849097	18.100 ug/ml
8) T n-Octadecane (C18)	11.662	2859298	17.955 ug/ml
10) T n-Eicosane (C20)	12.971	2741121	17.834 ug/ml
11) T n-Heneicosane (C21)	13.582	2688818	17.771 ug/ml
13) T n-Docosane (C22)	14.168	2676547	17.790 ug/ml
14) T n-Tetracosane (C24)	15.270	2663252	17.834 ug/ml
15) T n-Hexacosane (C26)	16.289	2624142	18.014 ug/ml
16) T n-Octacosane (C28)	17.236	2588735	18.347 ug/mlm
17) T n-Tricontane (C30)	18.123	2629751	18.603 ug/mlm
18) T n-Dotriacontane (C32)	18.954	2617600	18.981 ug/mlm
19) T n-Tetratriacontane (C34)	19.736	2572813	19.706 ug/mlm
20) T n-Hexatriacontane (C36)	20.475	2614090	20.984 ug/ml
21) T n-Octatriacontane (C38)	21.217	2789298	22.463 ug/mlm
22) T n-Tetracontane (C40)	22.150	2606998	22.165 ug/ml

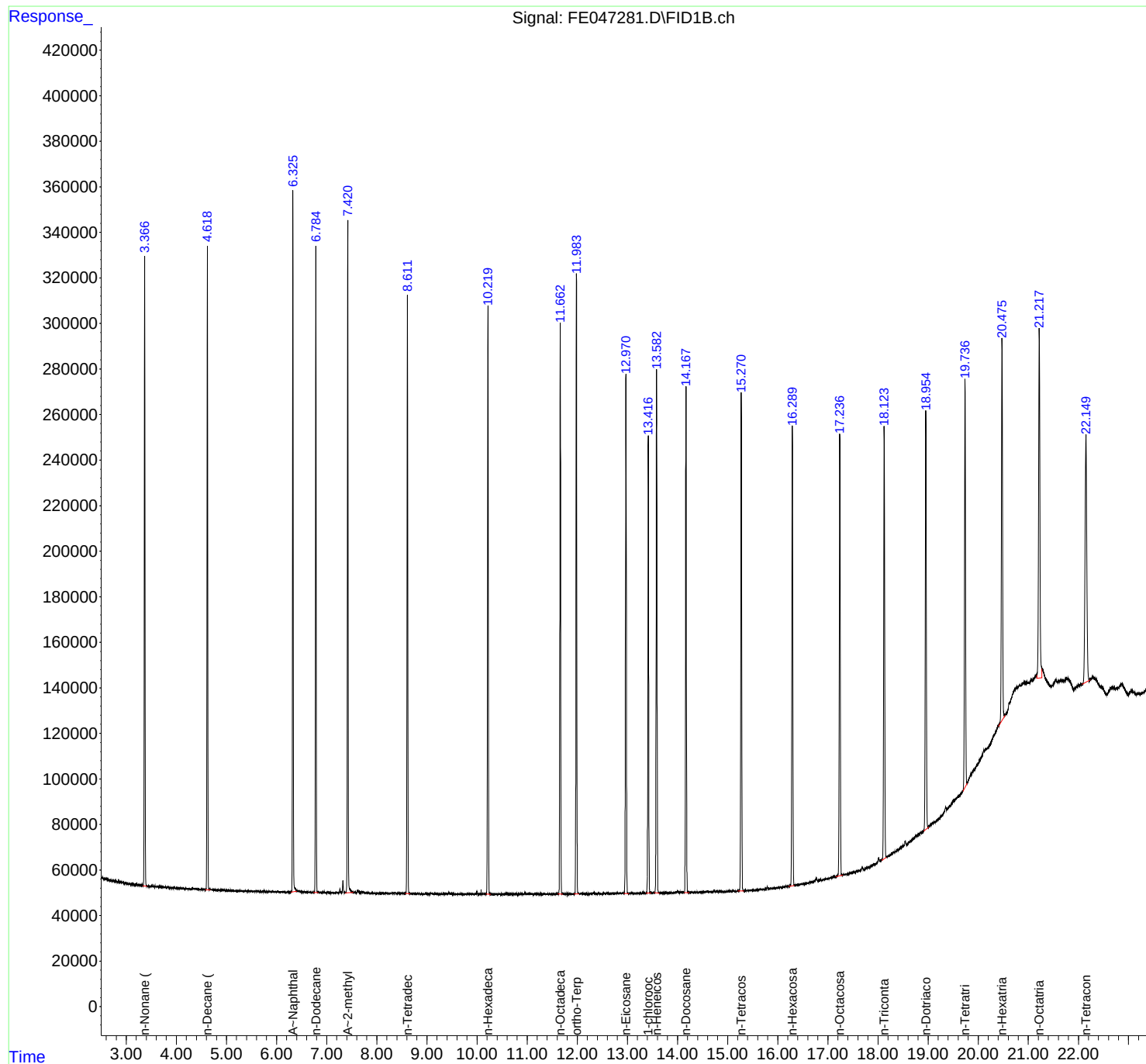
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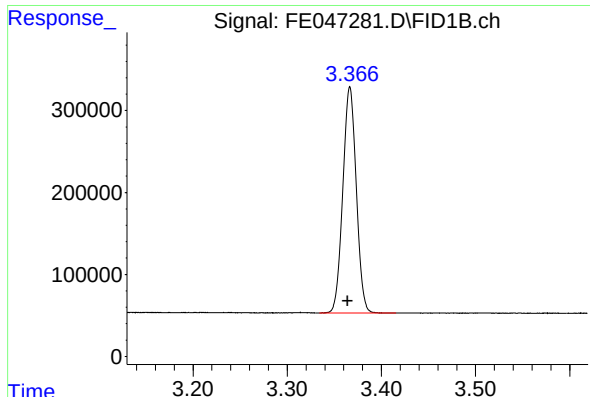
(m)=manual int.

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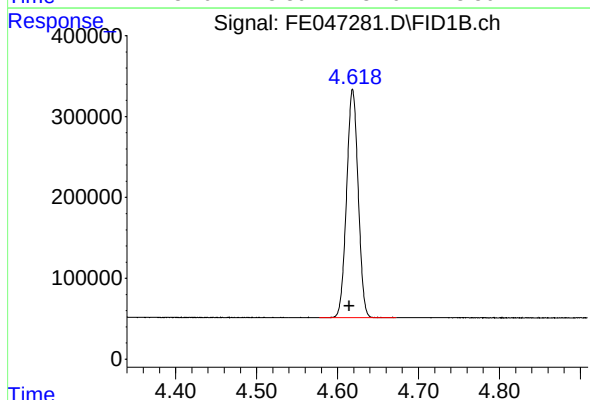
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





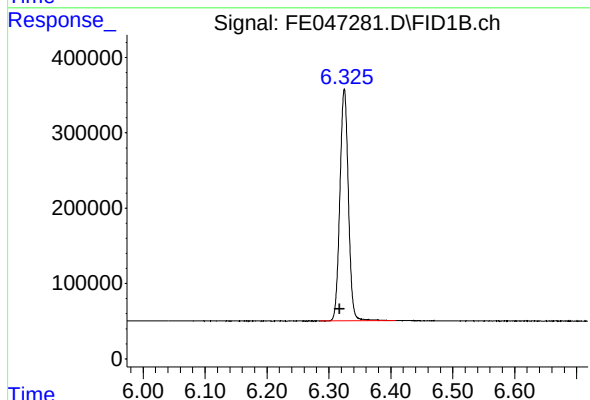
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.003 min
Response: 2748077
Conc: 18.28 ug/ml



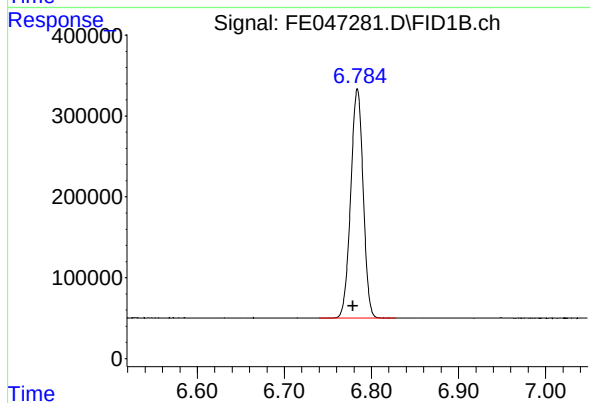
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.004 min
Response: 2801365
Conc: 18.27 ug/ml



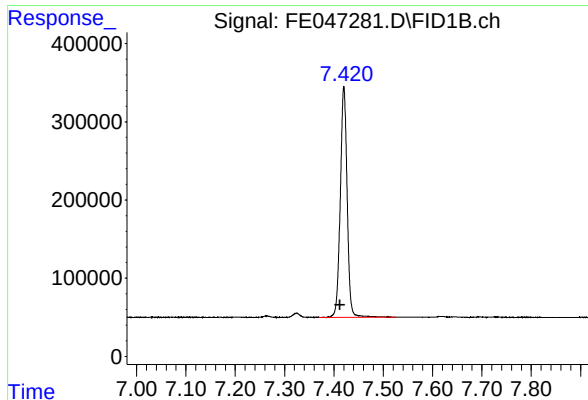
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.008 min
Response: 2941682
Conc: 18.45 ug/ml



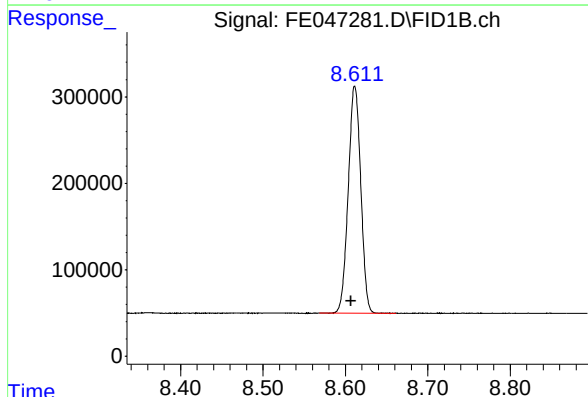
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.005 min
Response: 2813062
Conc: 18.28 ug/ml



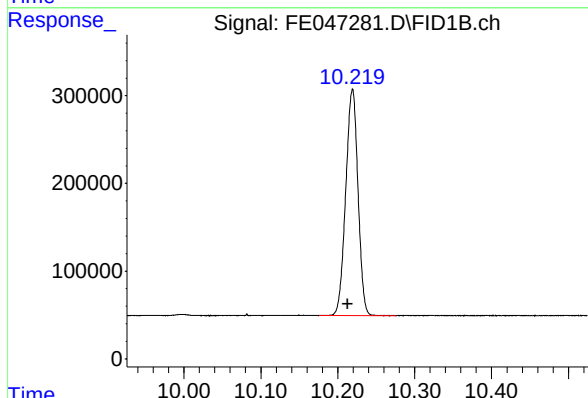
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.420 min
Delta R.T.: 0.008 min
Response: 2840790
Conc: 18.51 ug/ml



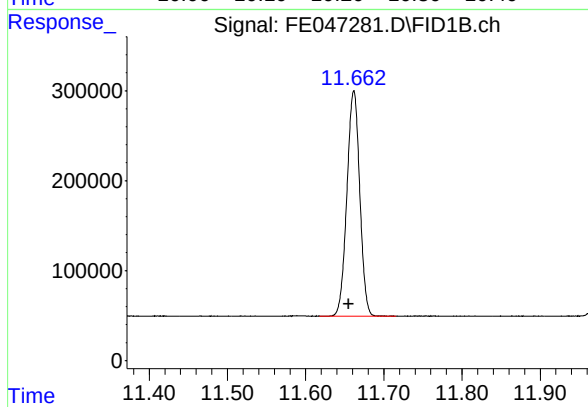
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.005 min
Response: 2774700
Conc: 18.21 ug/ml



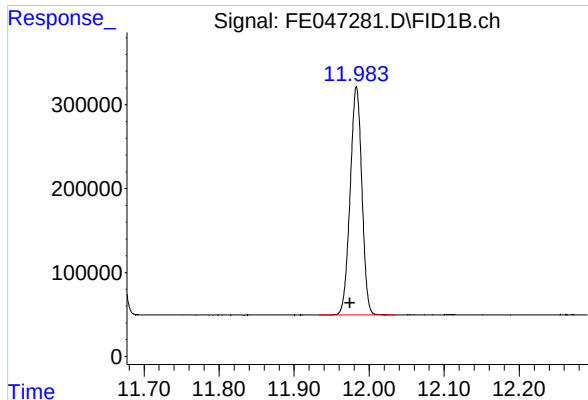
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.006 min
Response: 2849097
Conc: 18.10 ug/ml



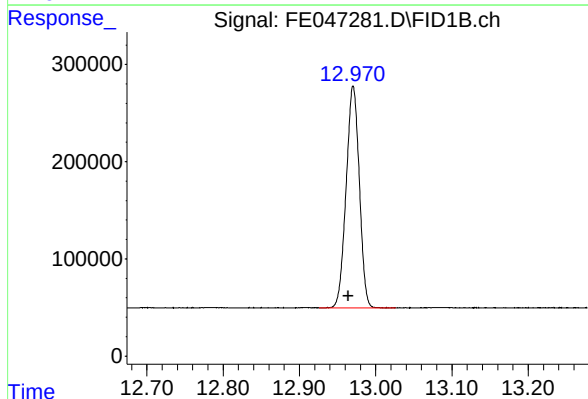
#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: 0.007 min
Response: 2859298
Conc: 17.95 ug/ml



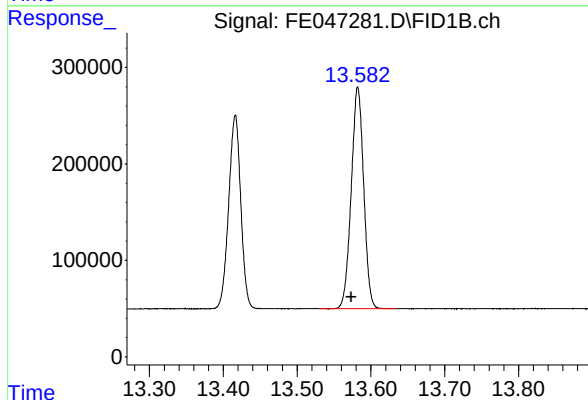
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.008 min
Response: 2952005
Conc: 17.89 ug/ml



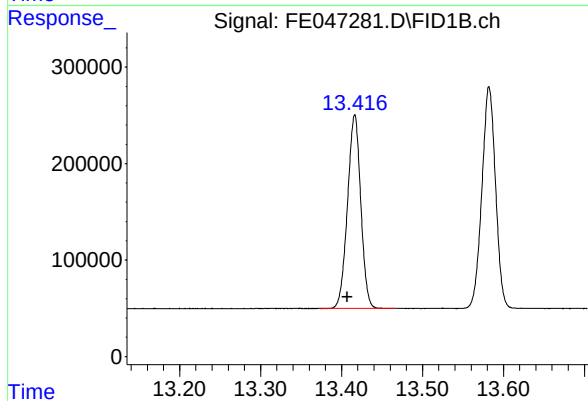
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.007 min
Response: 2741121
Conc: 17.83 ug/ml



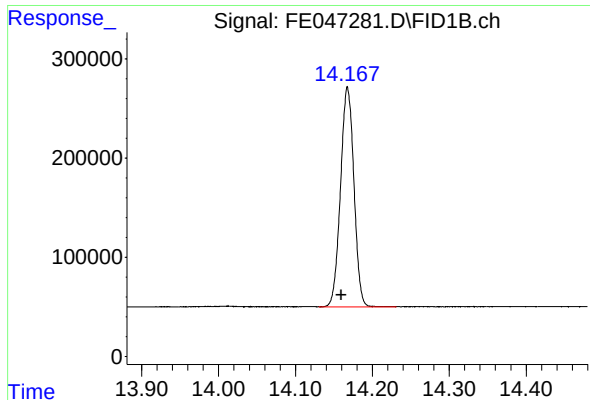
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.008 min
Response: 2688818
Conc: 17.77 ug/ml



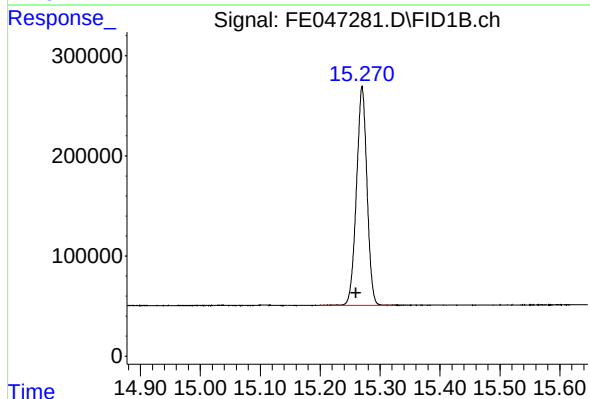
#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.009 min
Response: 2286604
Conc: 17.93 ug/ml



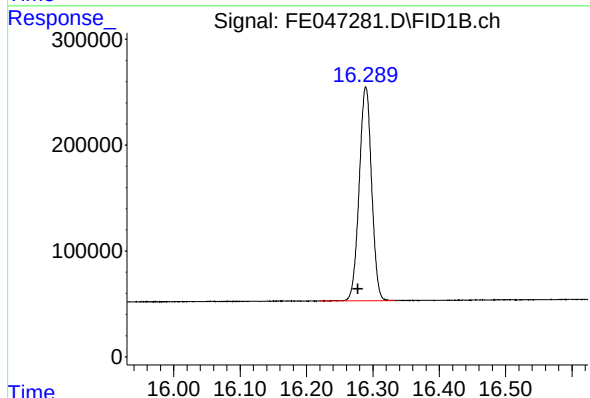
#13 n-Docosane (C22)

R.T.: 14.168 min
Delta R.T.: 0.008 min
Response: 2676547
Conc: 17.79 ug/ml



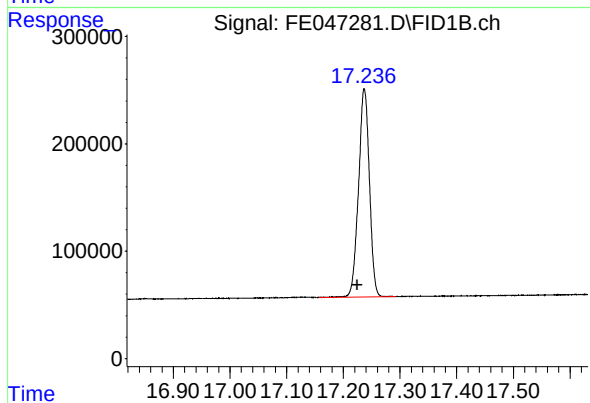
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.011 min
Response: 2663252
Conc: 17.83 ug/ml



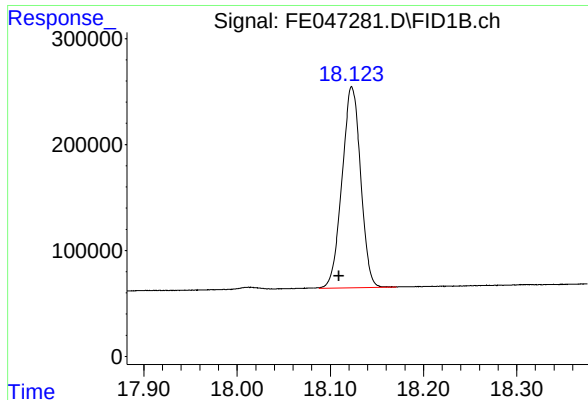
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.012 min
Response: 2624142
Conc: 18.01 ug/ml



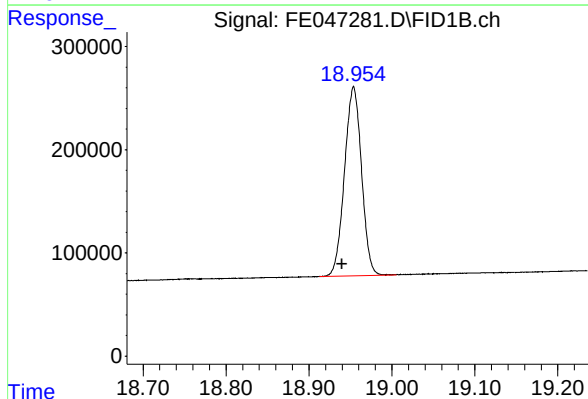
#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.011 min
Response: 2588735
Conc: 18.35 ug/ml m



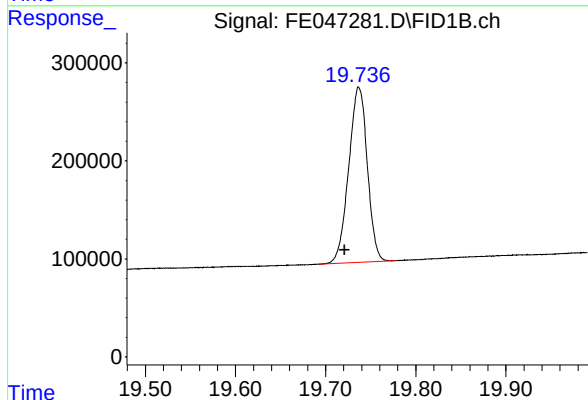
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.013 min
Response: 2629751
Conc: 18.60 ug/ml m



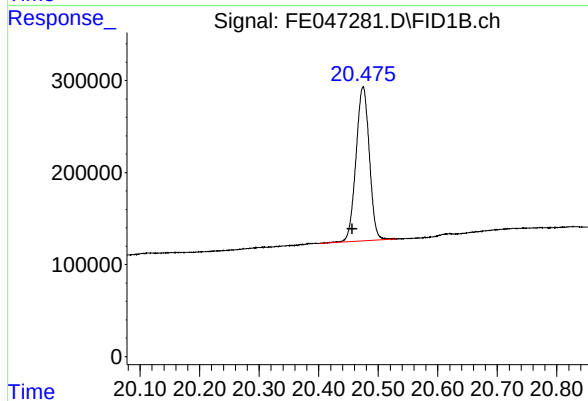
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.014 min
Response: 2617600
Conc: 18.98 ug/ml m



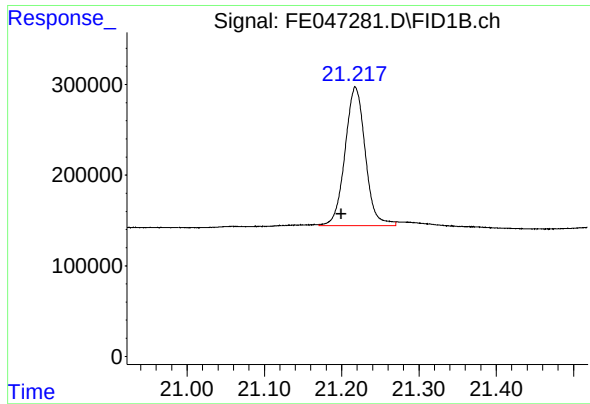
#19 n-Tetatriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.015 min
Response: 2572813
Conc: 19.71 ug/ml m



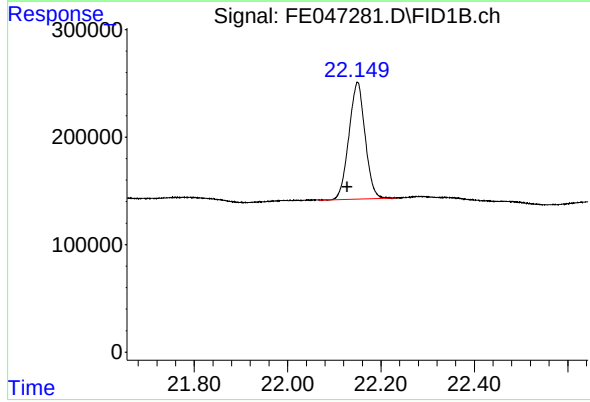
#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.018 min
Response: 2614090
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.018 min
Response: 2789298
Conc: 22.46 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: 0.022 min
Response: 2606998
Conc: 22.16 ug/ml