

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123023AL\
 Data File : FE046029.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 06:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 11:02:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.838	3900637	21.464 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
12) S 1-chlorooctadecane (S...	13.282	2858938	21.398 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
1) T n-Nonane (C9)	3.222	3334749	21.789 ug/ml
2) T n-Decane (C10)	4.473	3367408	21.698 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3630717	21.832 ug/ml
4) T n-Dodecane (C12)	6.641	3408053	21.827 ug/ml
5) T A~2-methylnaphthalene...	7.272	3495816	21.957 ug/ml
6) T n-Tetradecane (C14)	8.468	3365289	21.604 ug/ml
7) T n-Hexadecane (C16)	10.079	3405606	21.506 ug/ml
8) T n-Octadecane (C18)	11.524	3375833	21.449 ug/ml
10) T n-Eicosane (C20)	12.837	3223784	21.310 ug/ml
11) T n-Heneicosane (C21)	13.450	3137604	21.337 ug/ml
13) T n-Docosane (C22)	14.037	3084187	21.100 ug/ml
14) T n-Tetracosane (C24)	15.144	3020418	20.826 ug/ml
15) T n-Hexacosane (C26)	16.168	2949852	20.575 ug/ml
16) T n-Octacosane (C28)	17.122	2926100	20.402 ug/ml
17) T n-Tricontane (C30)	18.013	3017158	20.299 ug/ml
18) T n-Dotriacontane (C32)	18.849	3046690	20.371 ug/ml
19) T n-Tetratriacontane (C34)	19.635	3014116	21.040 ug/ml
20) T n-Hexatriacontane (C36)	20.377	3071256	21.065 ug/ml
21) T n-Octatriacontane (C38)	21.116	3223344	21.859 ug/ml
22) T n-Tetracontane (C40)	22.017	3233855	20.660 ug/ml

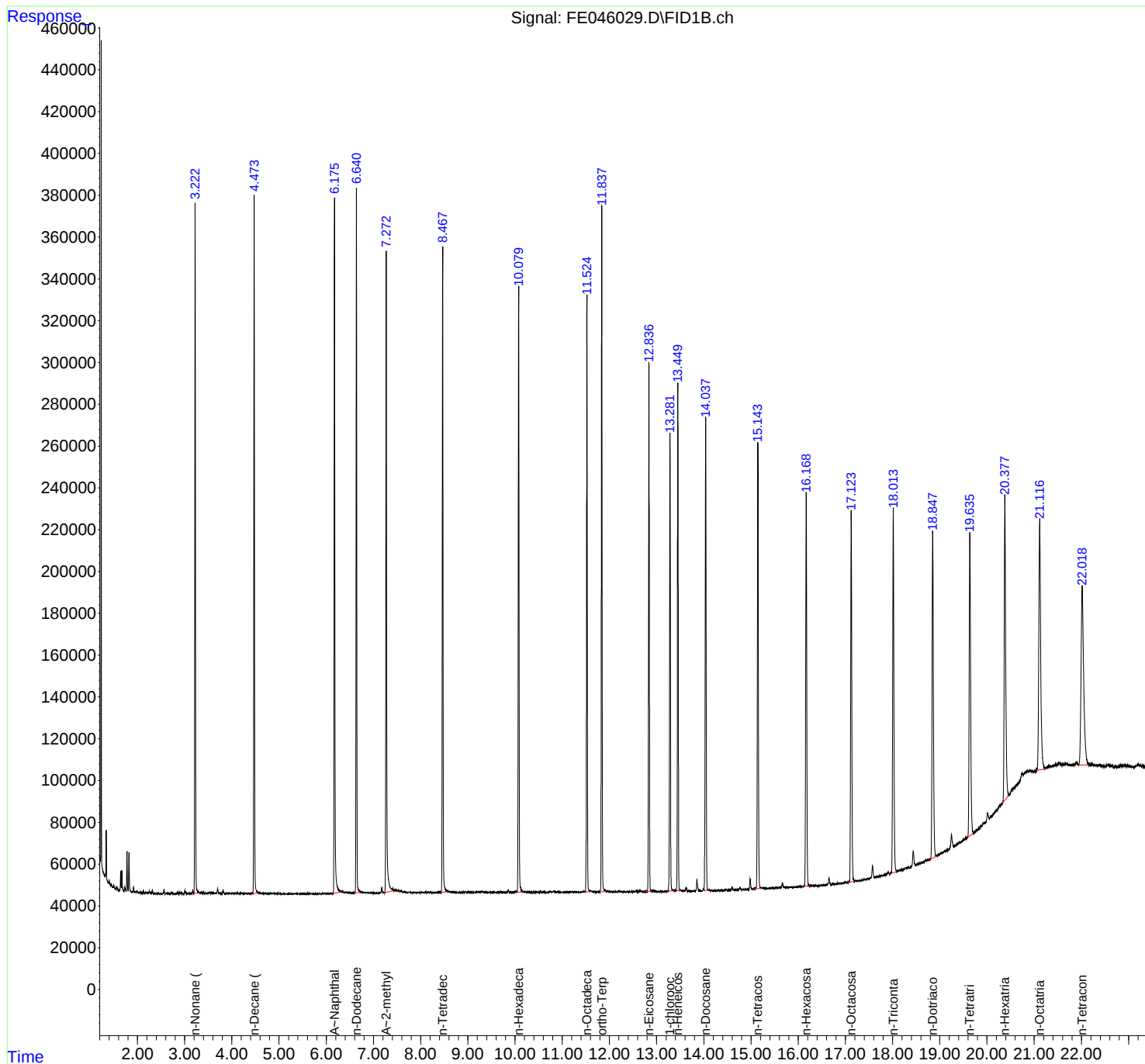
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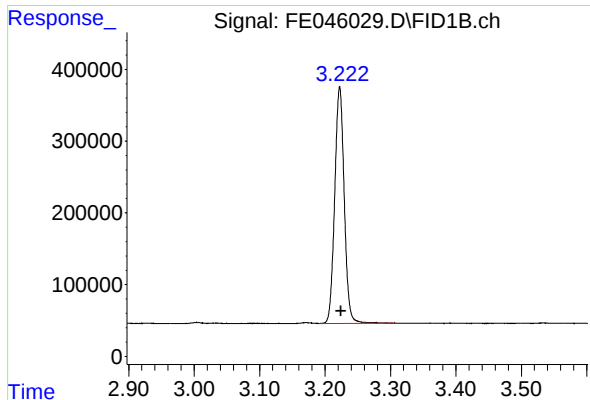
(m)=manual int.

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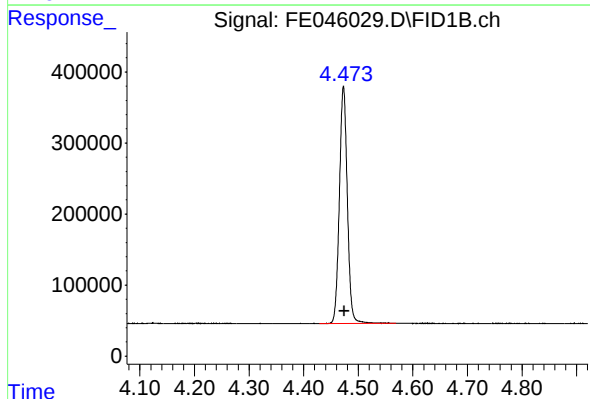
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Signal Info : 20M x 0.18mm x 0.18um





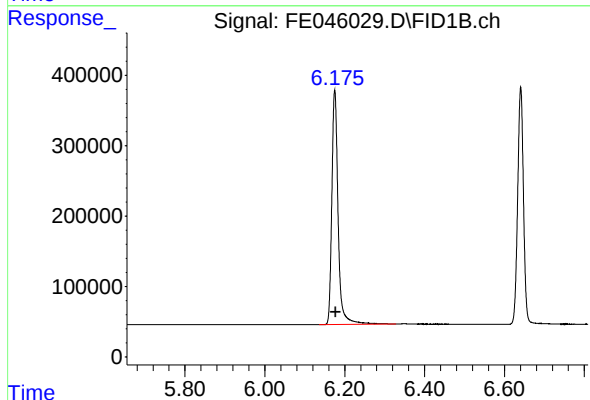
#1 n-Nonane (C9)

R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 3334749
Conc: 21.79 ug/ml



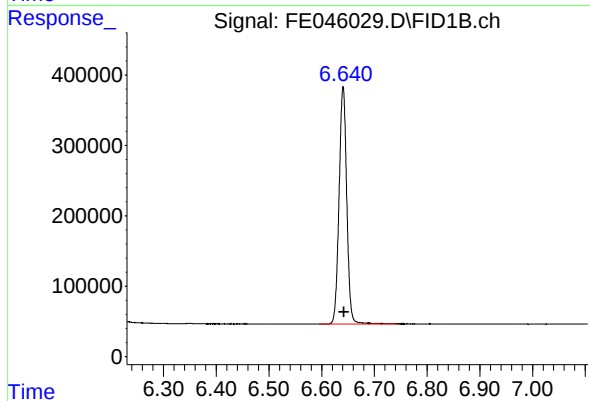
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.002 min
Response: 3367408
Conc: 21.70 ug/ml



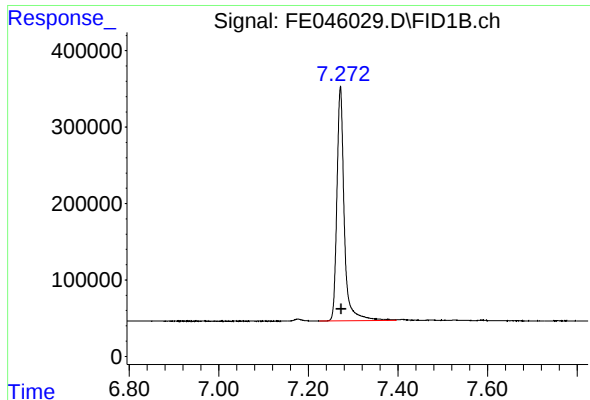
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 3630717
Conc: 21.83 ug/ml



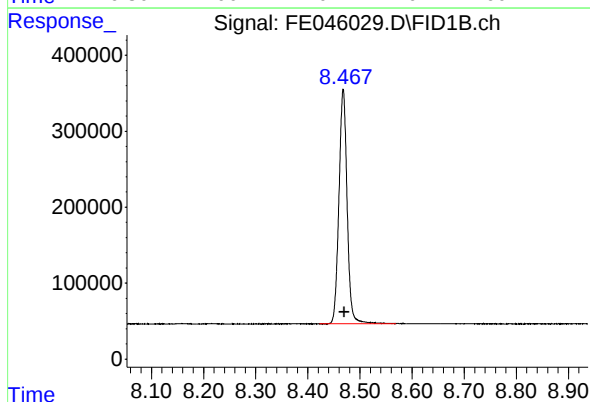
#4 n-Dodecane (C12)

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 3408053
Conc: 21.83 ug/ml



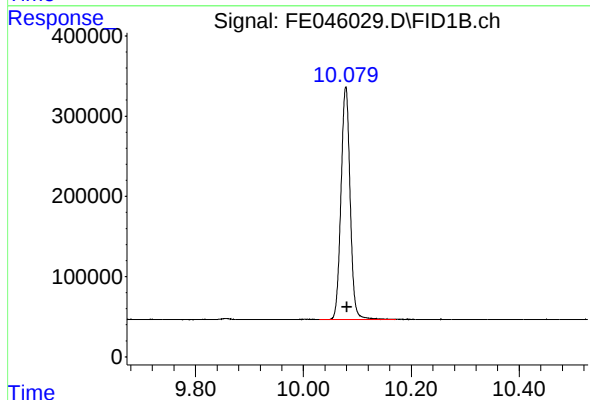
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 3495816
Conc: 21.96 ug/ml



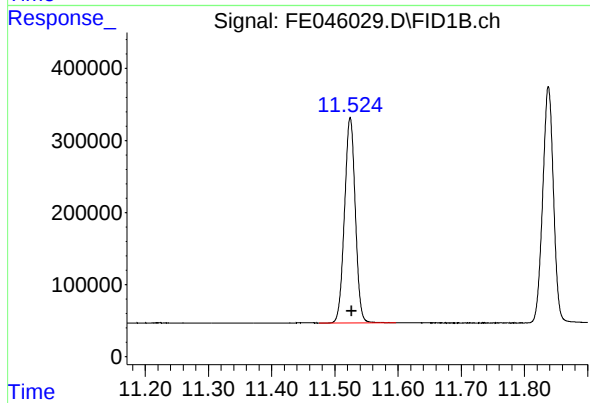
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 3365289
Conc: 21.60 ug/ml



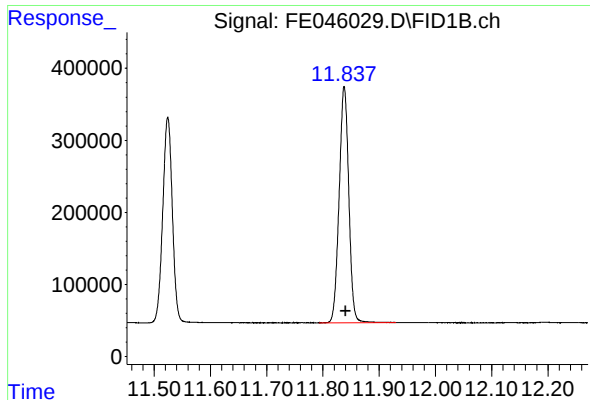
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.002 min
Response: 3405606
Conc: 21.51 ug/ml



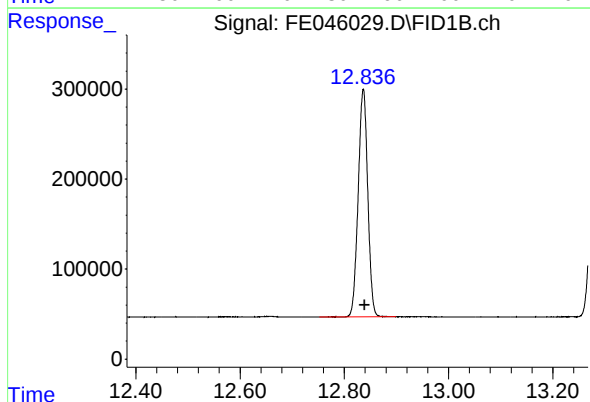
#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.002 min
Response: 3375833
Conc: 21.45 ug/ml



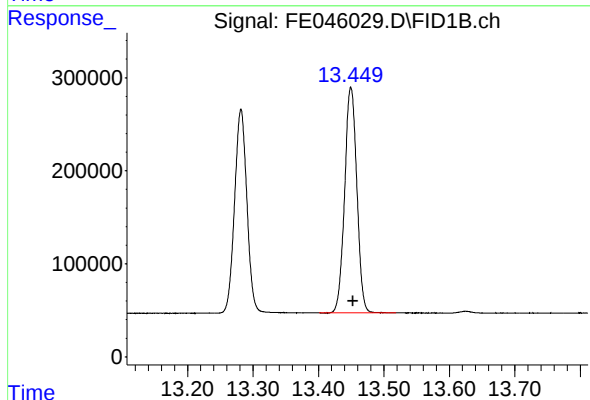
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.002 min
Response: 3900637
Conc: 21.46 ug/ml



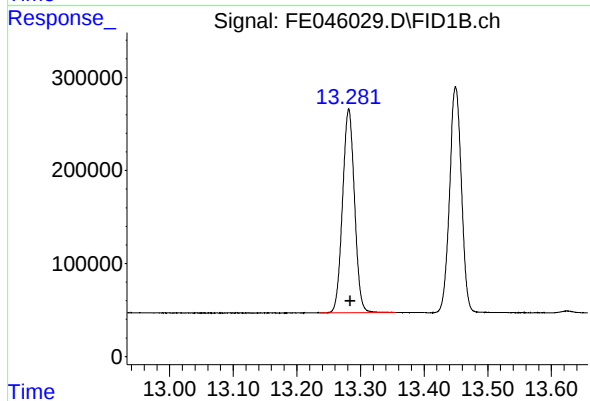
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.002 min
Response: 3223784
Conc: 21.31 ug/ml



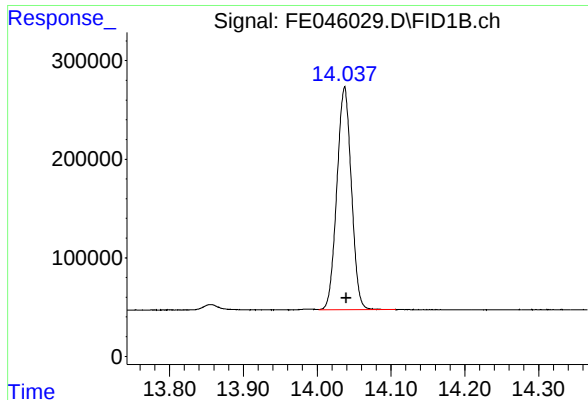
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.003 min
Response: 3137604
Conc: 21.34 ug/ml



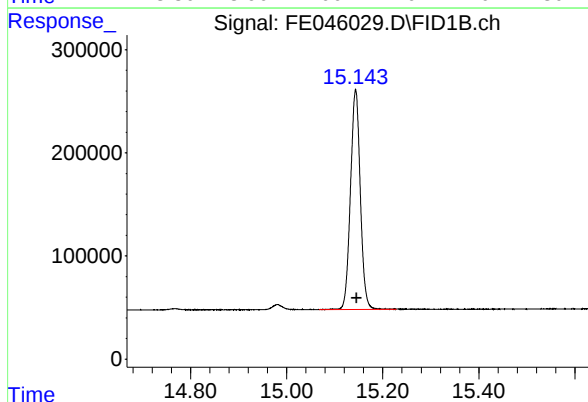
#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.003 min
Response: 2858938
Conc: 21.40 ug/ml



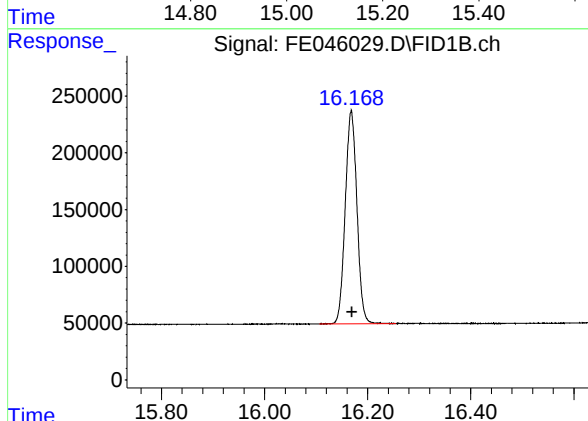
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.002 min
Response: 3084187
Conc: 21.10 ug/ml



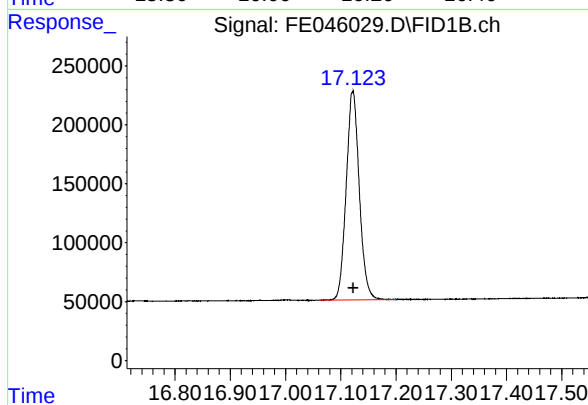
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.002 min
Response: 3020418
Conc: 20.83 ug/ml



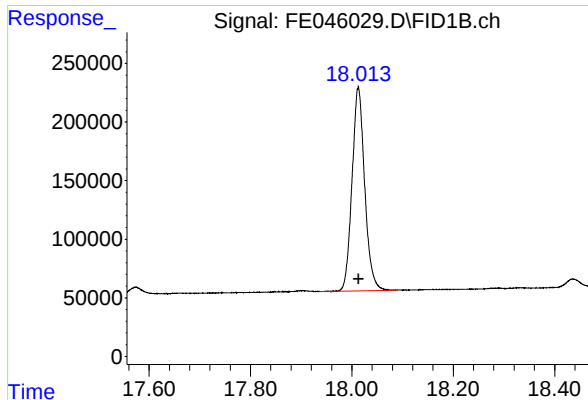
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 2949852
Conc: 20.58 ug/ml



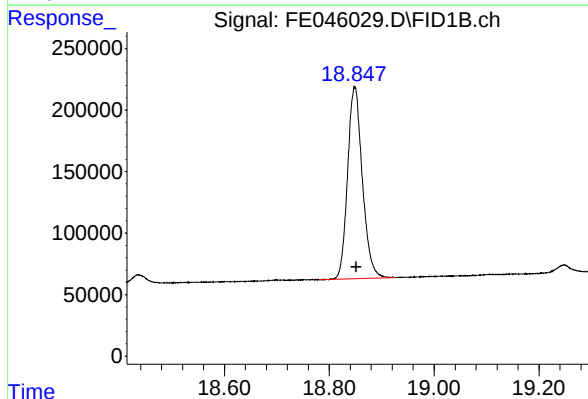
#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: 0.000 min
Response: 2926100
Conc: 20.40 ug/ml



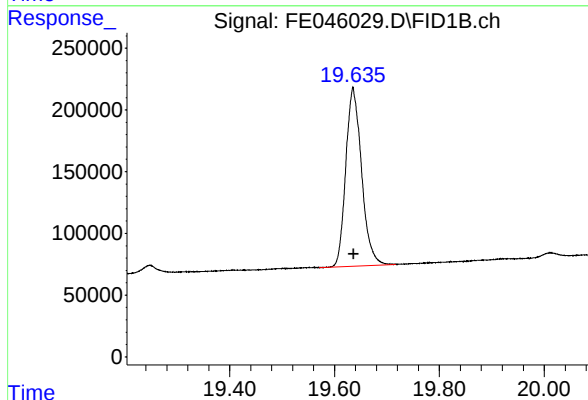
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.001 min
Response: 3017158
Conc: 20.30 ug/ml



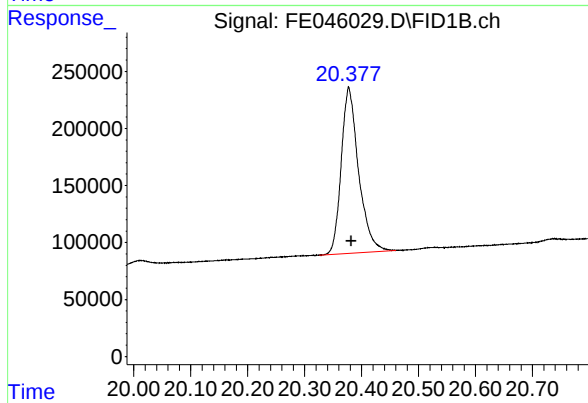
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.003 min
Response: 3046690
Conc: 20.37 ug/ml



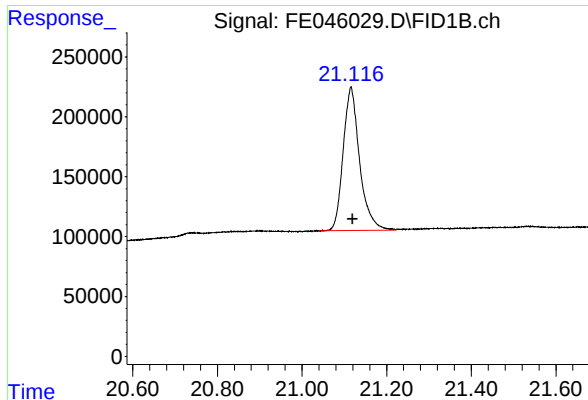
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.002 min
Response: 3014116
Conc: 21.04 ug/ml



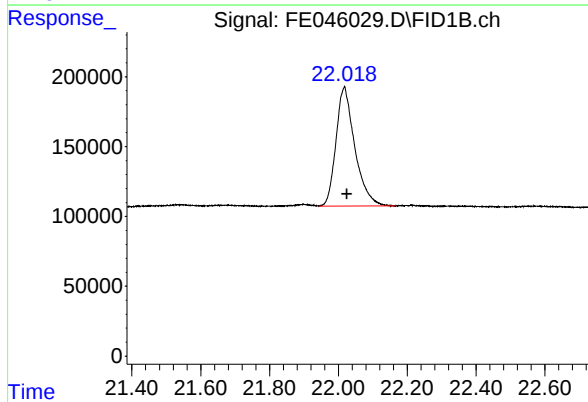
#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.005 min
Response: 3071256
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.004 min
Response: 3223344
Conc: 21.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: -0.008 min
Response: 3233855
Conc: 20.66 ug/ml