

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010824AL\
 Data File : FE046105.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2024 20:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 09 00:30:59 2024
 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)	11.836	3612603	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
12) S 1-chlorooctadecane (S...	13.279	2682133	20.074 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T n-Nonane (C9)	3.220	2863392	18.709 ug/ml
2) T n-Decane (C10)	4.471	2931813	18.891 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3159529	18.998 ug/ml
4) T n-Dodecane (C12)	6.639	2980030	19.086 ug/ml
5) T A~2-methylnaphthalene...	7.271	3055545	19.192 ug/ml
6) T n-Tetradecane (C14)	8.466	2996660	19.237 ug/ml
7) T n-Hexadecane (C16)	10.076	3086875	19.493 ug/ml
8) T n-Octadecane (C18)	11.521	3108464	19.750 ug/ml
10) T n-Eicosane (C20)	12.833	3035332	20.065 ug/ml
11) T n-Heneicosane (C21)	13.447	2944044	20.021 ug/ml
13) T n-Docosane (C22)	14.034	2996682	20.501 ug/ml
14) T n-Tetracosane (C24)	15.139	3131814	21.594 ug/ml
15) T n-Hexacosane (C26)	16.164	3099396	21.619 ug/ml
16) T n-Octacosane (C28)	17.116	3193758	22.269 ug/ml
17) T n-Tricontane (C30)	18.006	3277345	22.049 ug/ml
18) T n-Dotriacontane (C32)	18.844	3217272	21.511 ug/ml
19) T n-Tetratriacontane (C34)	19.630	3012184	21.027 ug/ml
20) T n-Hexatriacontane (C36)	20.373	2724671	18.688 ug/ml
21) T n-Octatriacontane (C38)	21.106	3033644	20.573 ug/ml
22) T n-Tetracontane (C40)	22.007	3127346	19.980 ug/ml

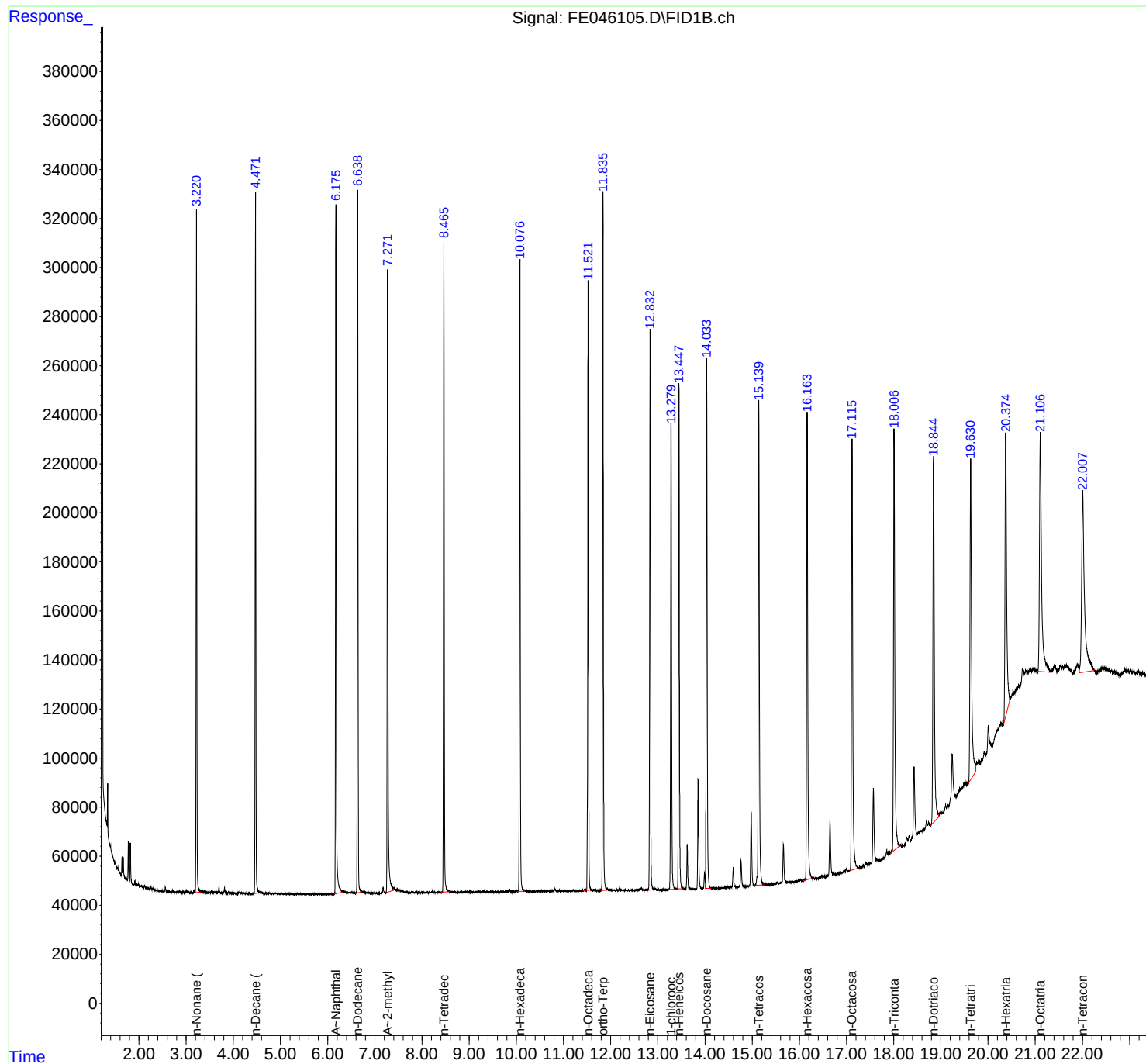
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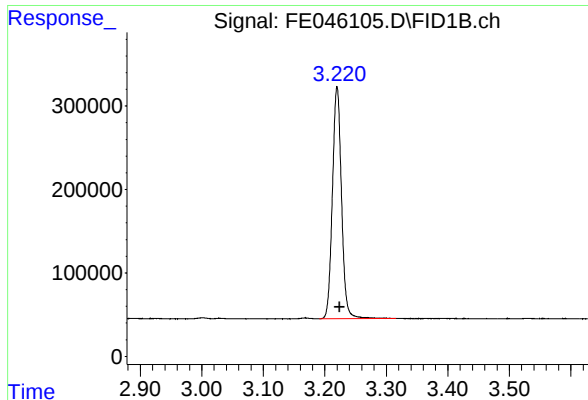
(m)=manual int.

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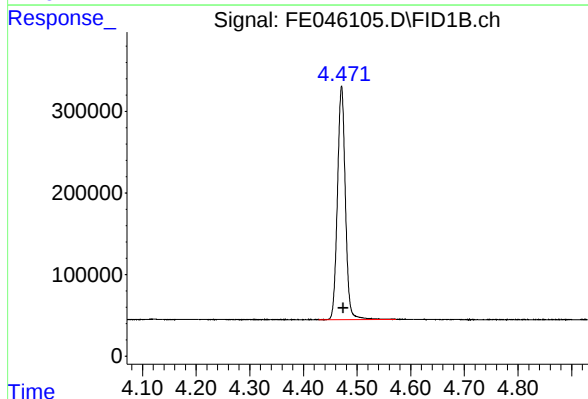
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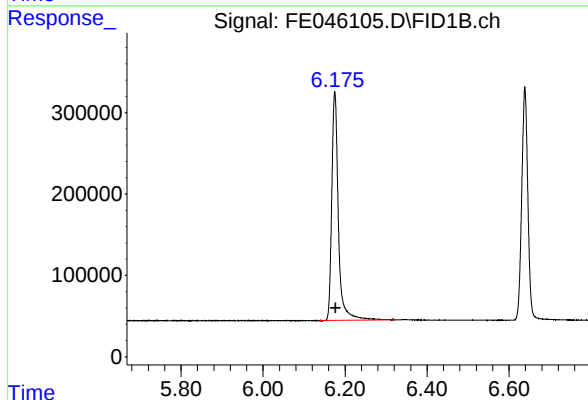
#1 n-Nonane (C9)

R.T.: 3.220 min
Delta R.T.: -0.004 min
Response: 2863392
Conc: 18.71 ug/ml



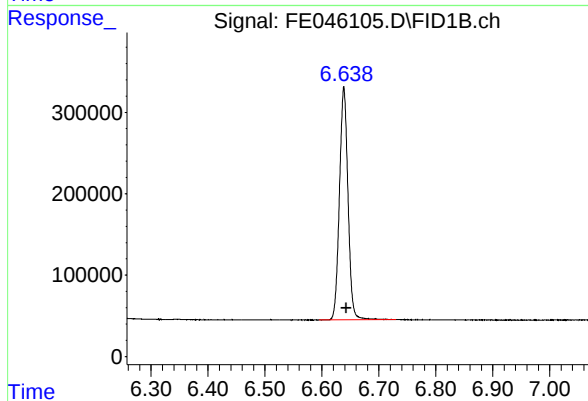
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.004 min
Response: 2931813
Conc: 18.89 ug/ml



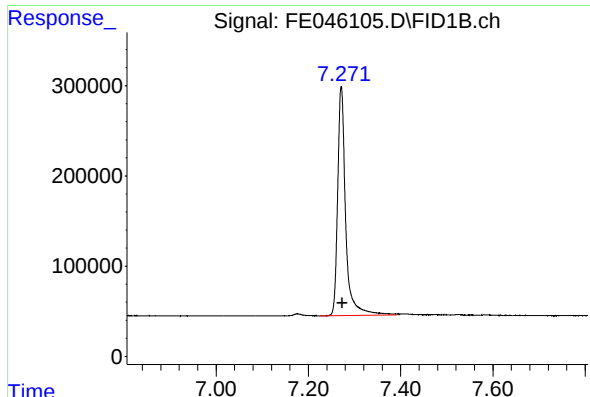
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 3159529
Conc: 19.00 ug/ml



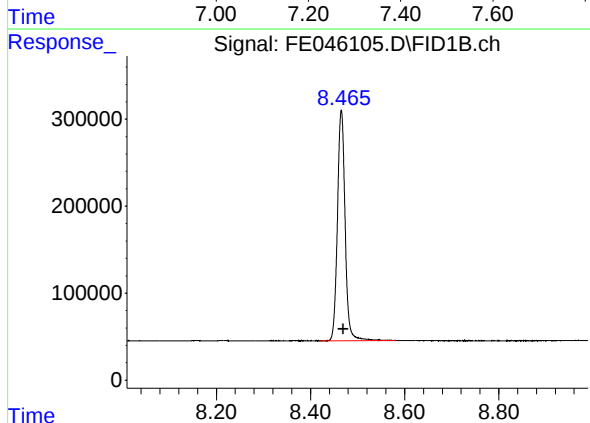
#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.004 min
Response: 2980030
Conc: 19.09 ug/ml



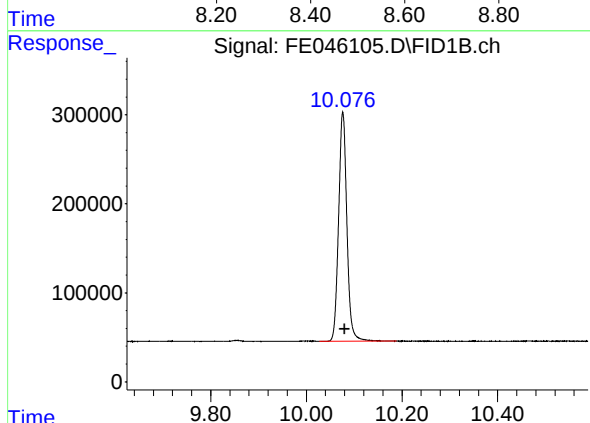
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 3055545
Conc: 19.19 ug/ml



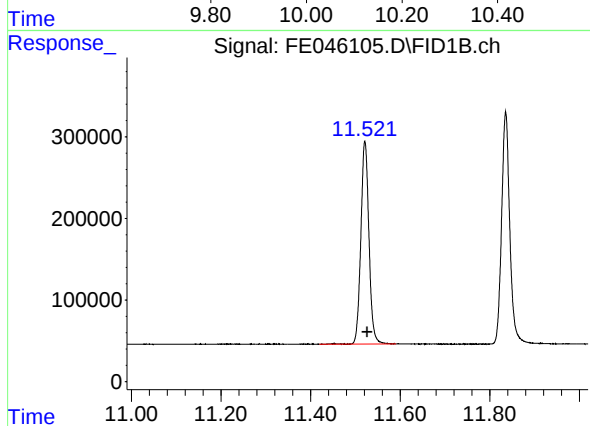
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.004 min
Response: 2996660
Conc: 19.24 ug/ml



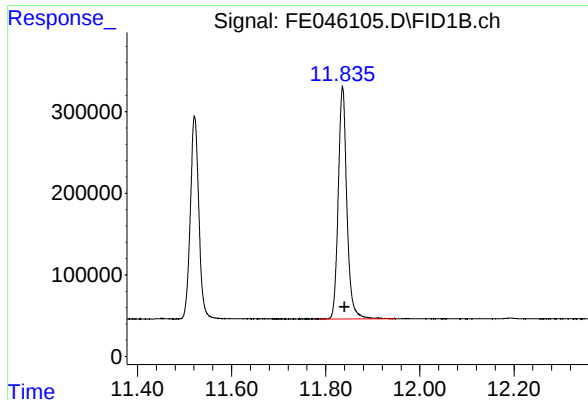
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.004 min
Response: 3086875
Conc: 19.49 ug/ml



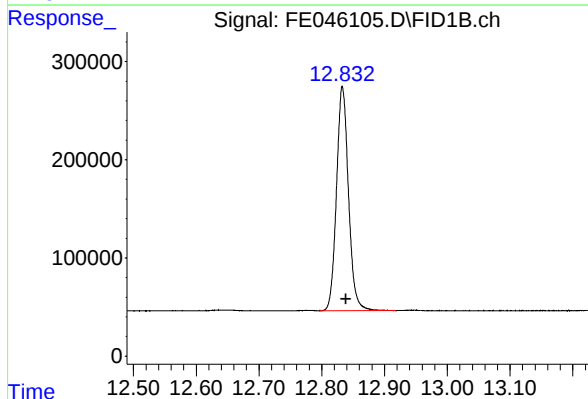
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.005 min
Response: 3108464
Conc: 19.75 ug/ml



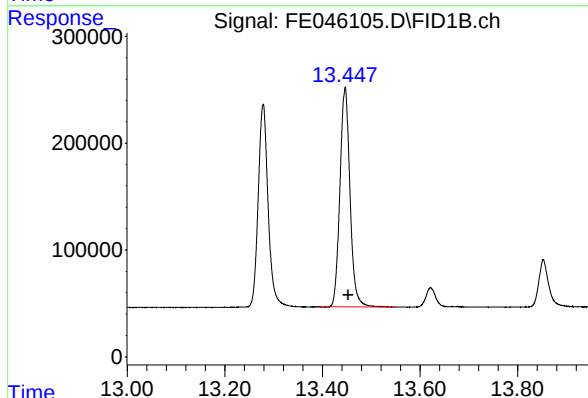
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.004 min
Response: 3612603
Conc: 19.88 ug/ml



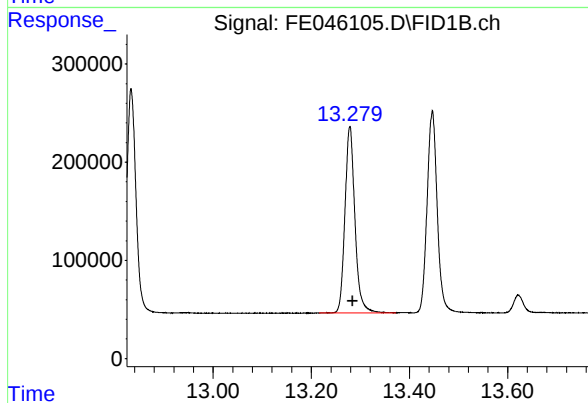
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.006 min
Response: 3035332
Conc: 20.06 ug/ml



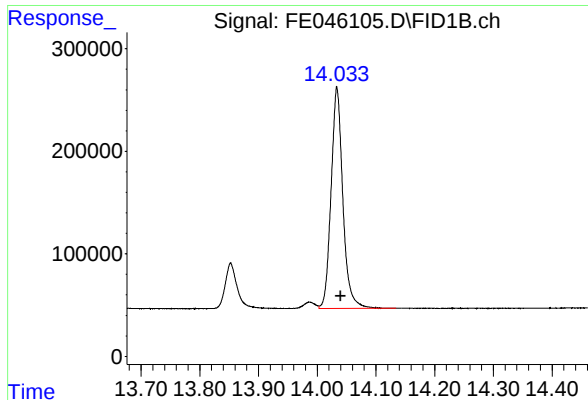
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.006 min
Response: 2944044
Conc: 20.02 ug/ml



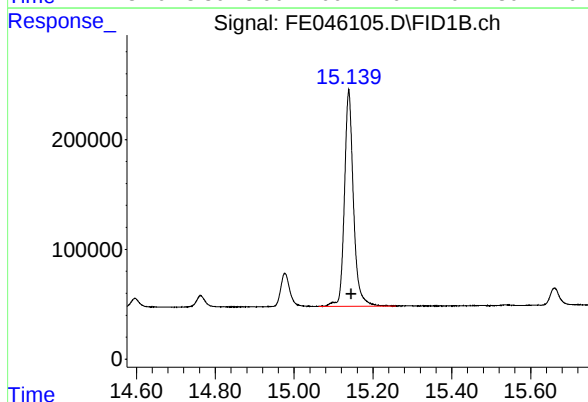
#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: -0.006 min
Response: 2682133
Conc: 20.07 ug/ml



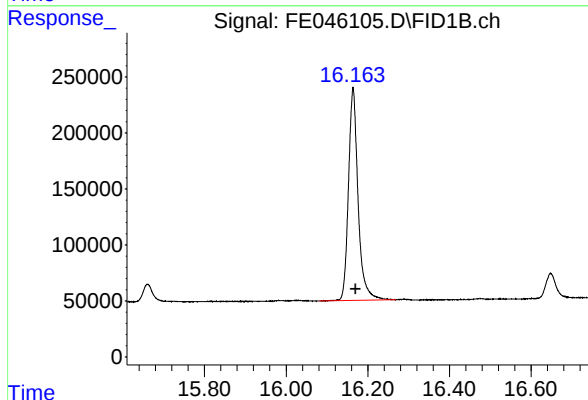
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.006 min
Response: 2996682
Conc: 20.50 ug/ml



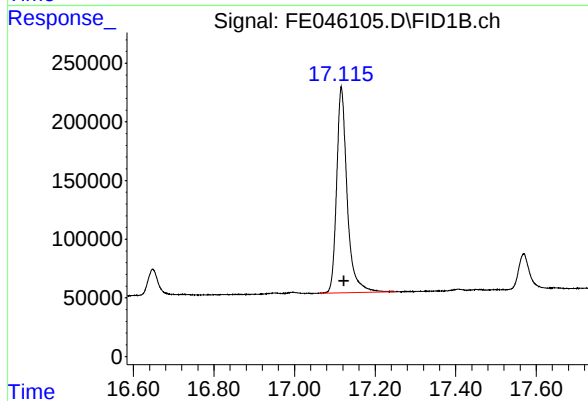
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.007 min
Response: 3131814
Conc: 21.59 ug/ml



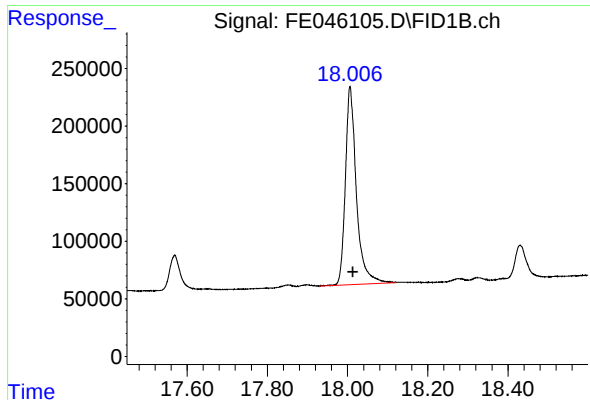
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: -0.006 min
Response: 3099396
Conc: 21.62 ug/ml



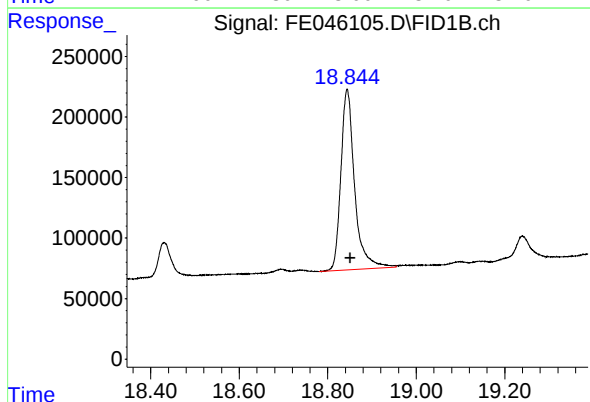
#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.006 min
Response: 3193758
Conc: 22.27 ug/ml



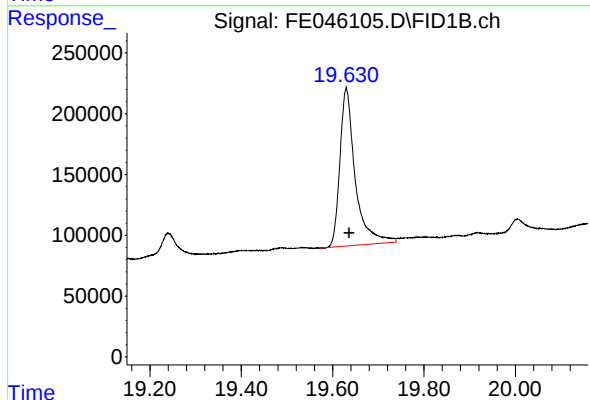
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: -0.008 min
Response: 3277345
Conc: 22.05 ug/ml



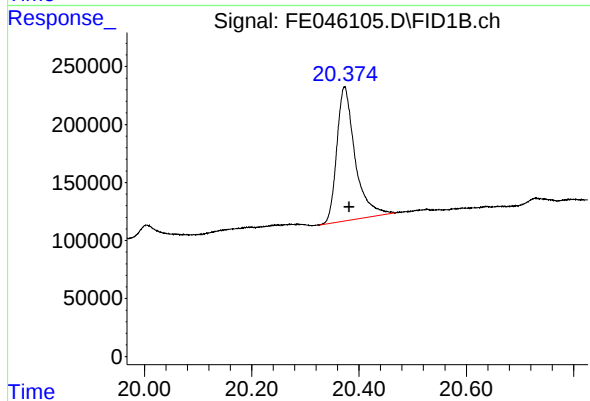
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.007 min
Response: 3217272
Conc: 21.51 ug/ml



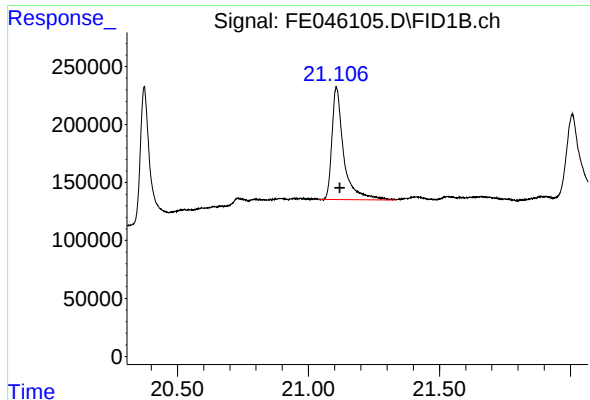
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.007 min
Response: 3012184
Conc: 21.03 ug/ml



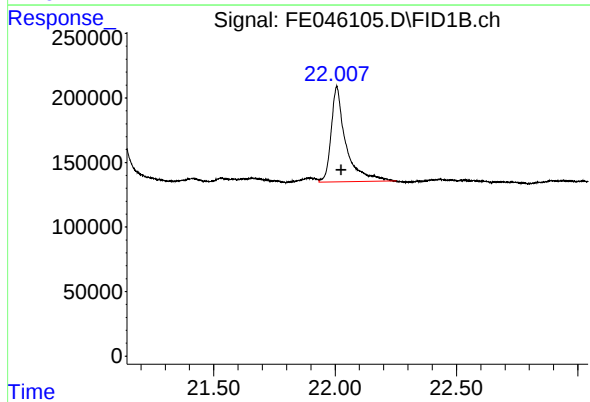
#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.009 min
Response: 2724671
Conc: 18.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.013 min
Response: 3033644
Conc: 20.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: -0.019 min
Response: 3127346
Conc: 19.98 ug/ml