

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020923AL\
 Data File : FE040295.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2023 21:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 09 23:48:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.895	3613061	22.322 ug/ml
Spiked Amount 50.000		Recovery =	44.64%
12) S 1-chlorooctadecane (S...	13.333	2788065	22.480 ug/ml
Spiked Amount 50.000		Recovery =	44.96%
Target Compounds			
1) T n-Nonane (C9)	3.288	2984187	21.926 ug/ml
2) T n-Decane (C10)	4.538	2933205	22.076 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3300066	22.549 ug/ml
4) T n-Dodecane (C12)	6.702	2988997	22.200 ug/ml
5) T A~2-methylnaphthalene...	7.335	3090465	22.832 ug/ml
6) T n-Tetradecane (C14)	8.528	3049198	22.125 ug/ml
7) T n-Hexadecane (C16)	10.136	3184731	22.190 ug/ml
8) T n-Octadecane (C18)	11.579	3295229	22.152 ug/ml
10) T n-Eicosane (C20)	12.888	3255340	22.142 ug/ml
11) T n-Heneicosane (C21)	13.500	3283061	22.259 ug/ml
13) T n-Docosane (C22)	14.088	3273751	22.095 ug/ml
14) T n-Tetracosane (C24)	15.191	3364011	22.161 ug/ml
15) T n-Hexacosane (C26)	16.213	3222292	21.736 ug/ml
16) T n-Octacosane (C28)	17.164	3213855	21.445 ug/ml
17) T n-Tricontane (C30)	18.053	3067956	20.793 ug/ml
18) T n-Dotriacontane (C32)	18.886	3028872	20.681 ug/ml
19) T n-Tetratriacontane (C34)	19.672	2899131	21.078 ug/ml
20) T n-Hexatriacontane (C36)	20.414	2765277	20.848 ug/ml
21) T n-Octatriacontane (C38)	21.146	2725279	21.007 ug/ml
22) T n-Tetracontane (C40)	22.046	2786386	20.986 ug/ml

(f)=RT Delta > 1/2 Window

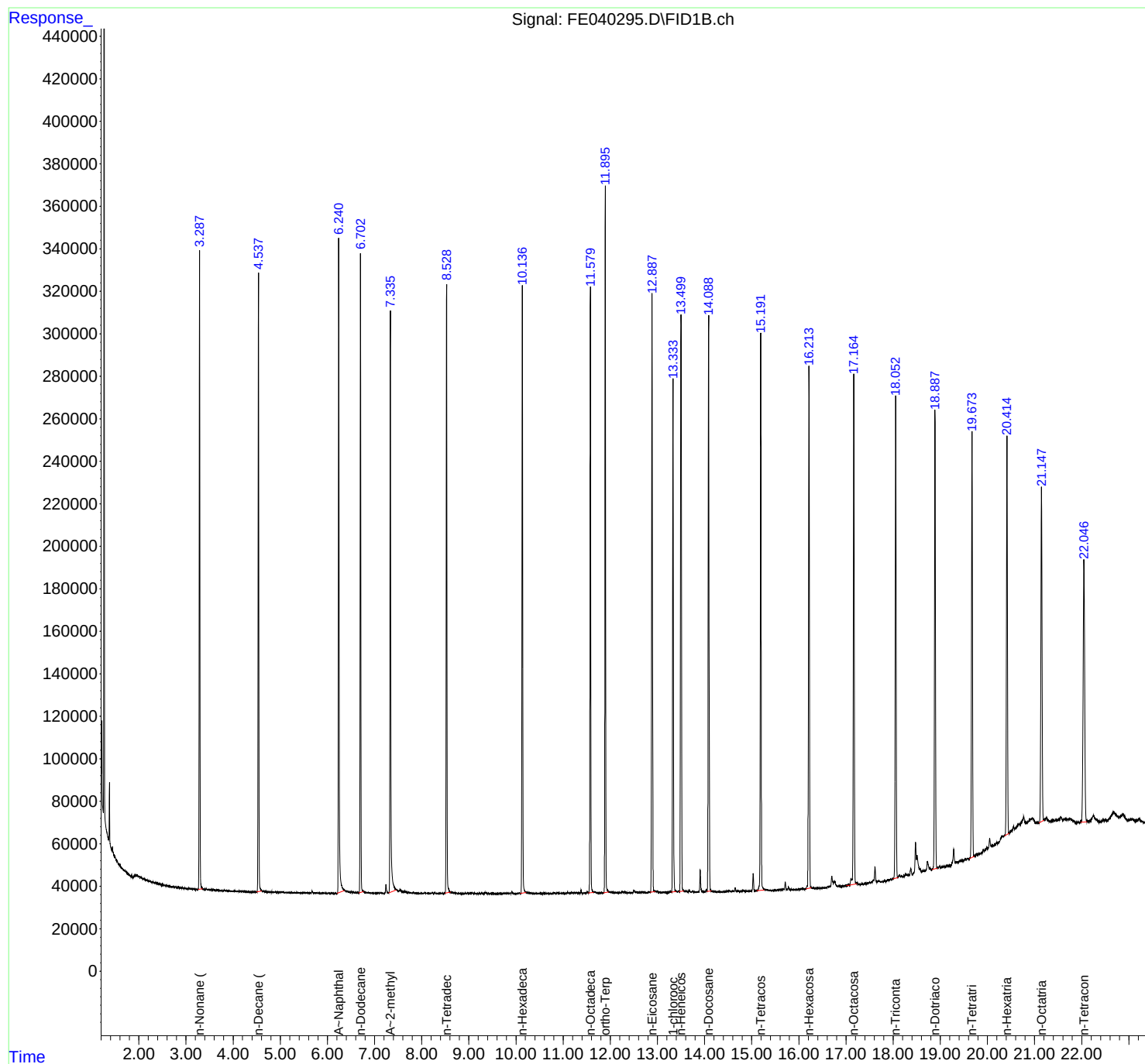
(m)=manual int.

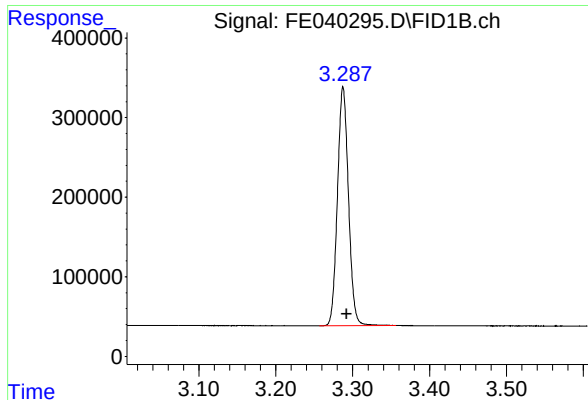
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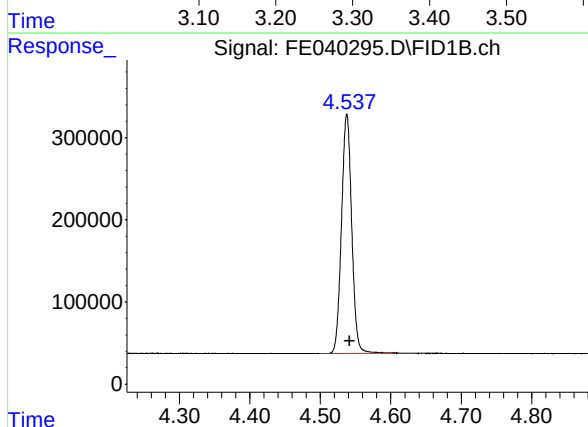




#1 n-Nonane (C9)

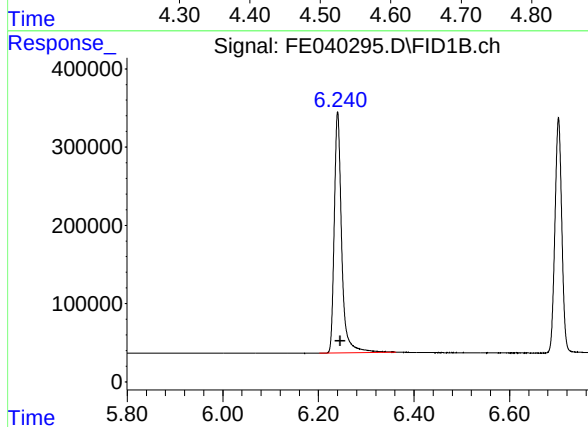
R.T.: 3.288 min
Delta R.T.: -0.004 min
Response: 2984187
Conc: 21.93 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



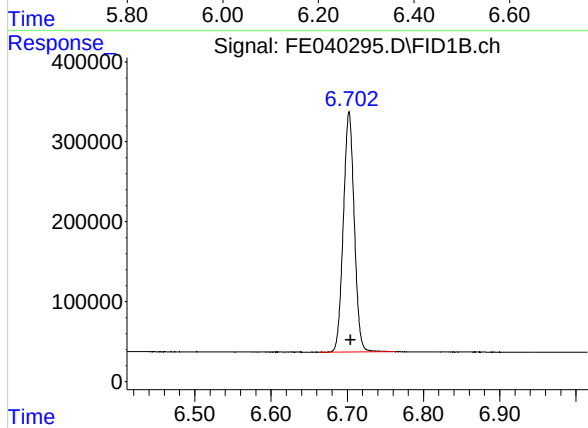
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.004 min
Response: 2933205
Conc: 22.08 ug/ml



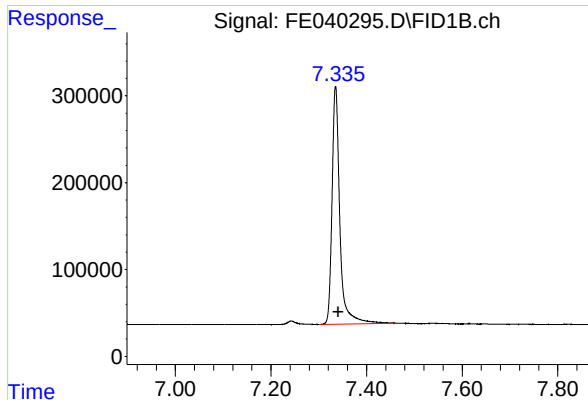
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 3300066
Conc: 22.55 ug/ml



#4 n-Dodecane (C12)

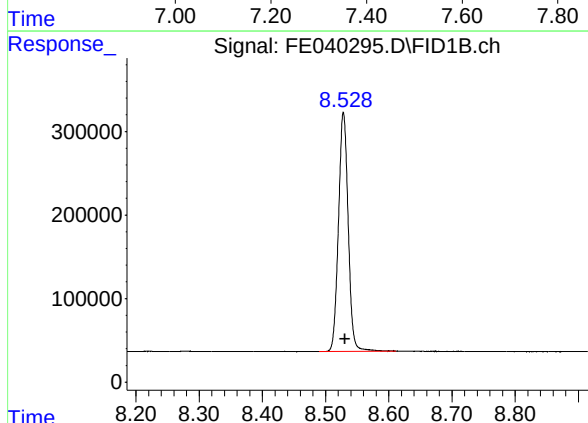
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 2988997
Conc: 22.20 ug/ml



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

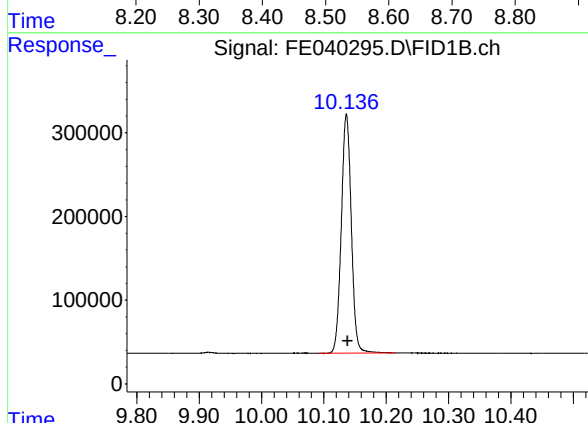
R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 3090465
Conc: 22.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



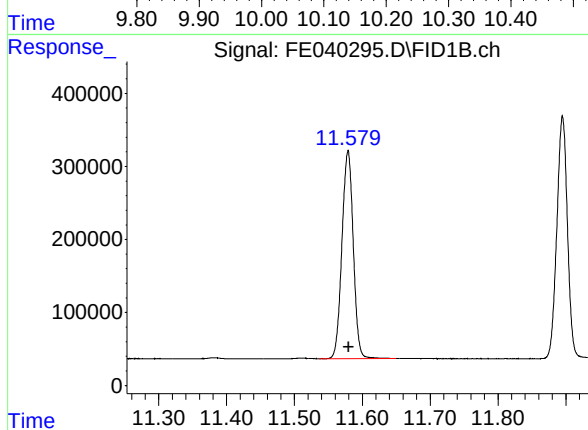
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 3049198
Conc: 22.13 ug/ml



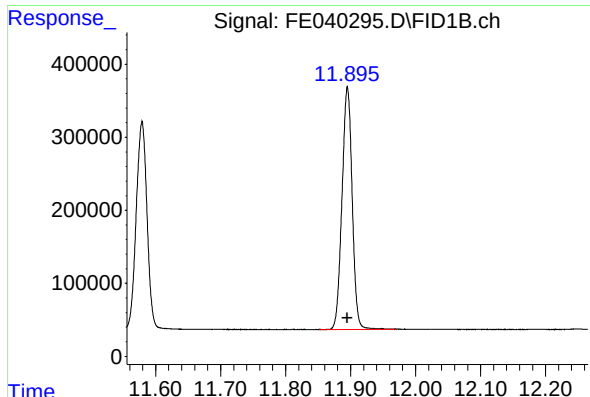
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 3184731
Conc: 22.19 ug/ml



#8 n-Octadecane (C18)

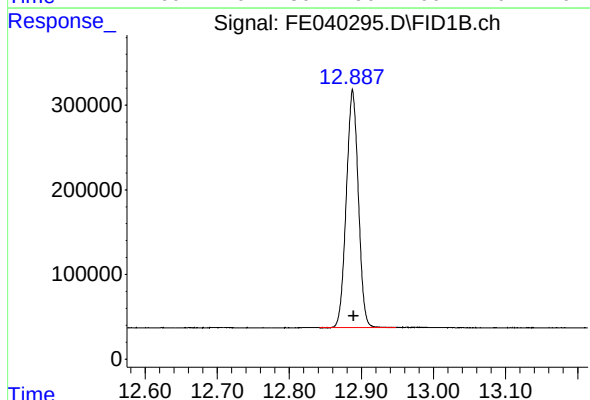
R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 3295229
Conc: 22.15 ug/ml



#9 ortho-Terphenyl (SURR)

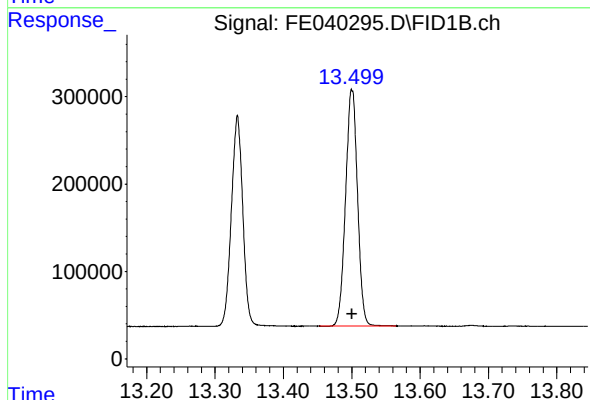
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3613061
Conc: 22.32 ug/ml

Instrument :
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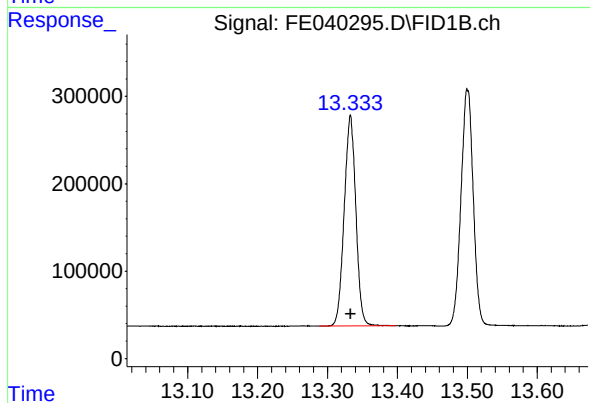
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.001 min
Response: 3255340
Conc: 22.14 ug/ml



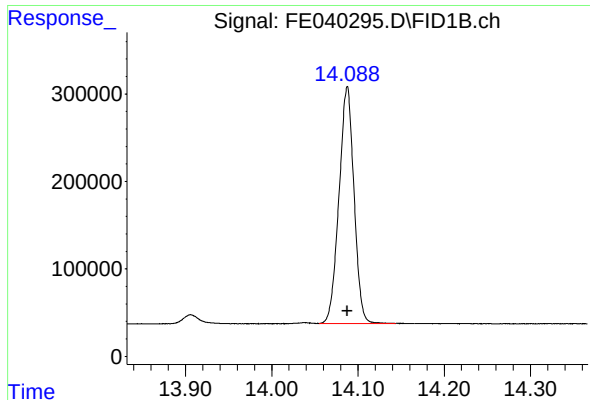
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: 0.000 min
Response: 3283061
Conc: 22.26 ug/ml



#12 1-chlorooctadecane (SURR)

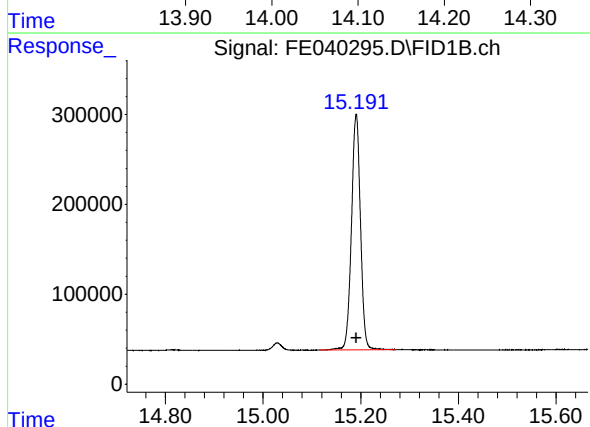
R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 2788065
Conc: 22.48 ug/ml



#13 n-Docosane (C22)

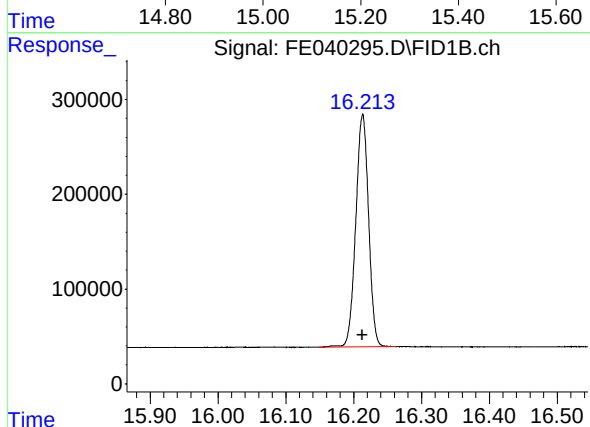
R.T.: 14.088 min
Delta R.T.: 0.000 min
Response: 3273751
Conc: 22.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



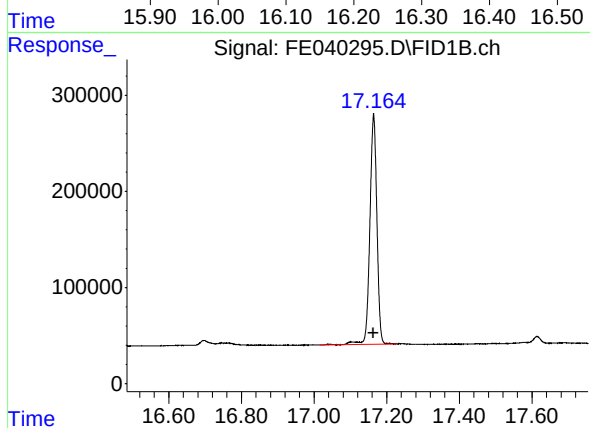
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 3364011
Conc: 22.16 ug/ml



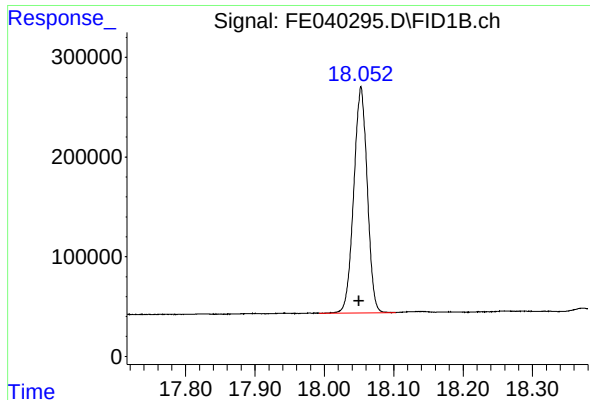
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 3222292
Conc: 21.74 ug/ml



#16 n-Octacosane (C28)

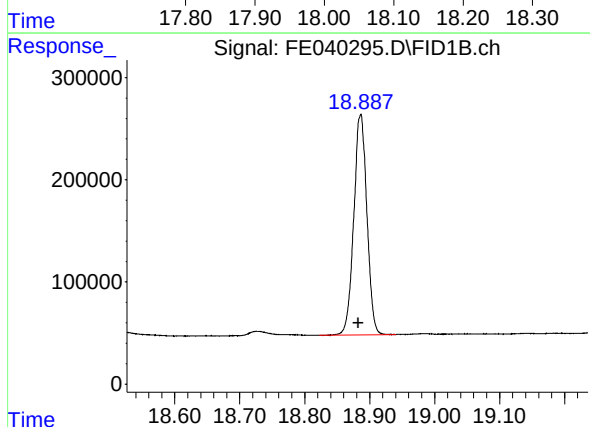
R.T.: 17.164 min
Delta R.T.: 0.002 min
Response: 3213855
Conc: 21.45 ug/ml



#17 n-Tricontane (C30)

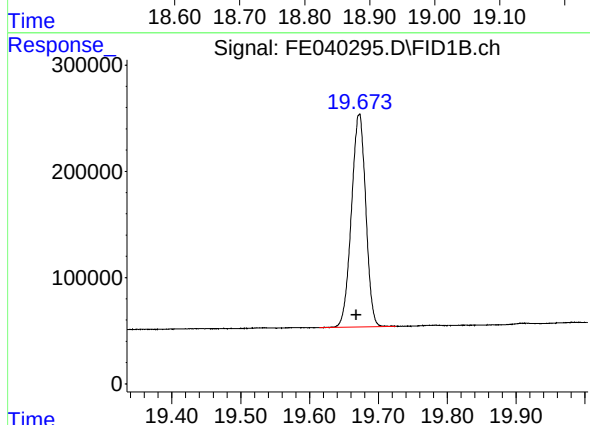
R.T.: 18.053 min
Delta R.T.: 0.003 min
Response: 3067956
Conc: 20.79 ug/ml

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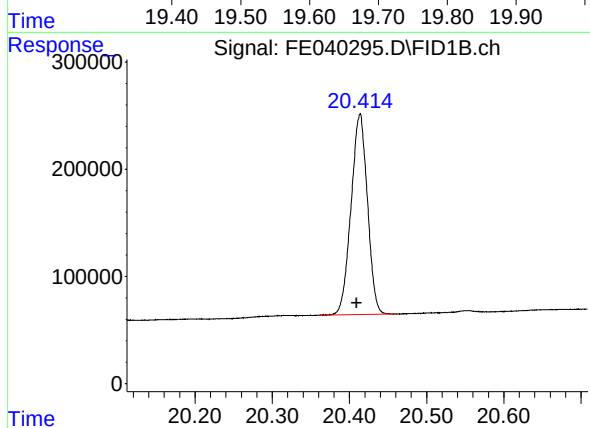
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: 0.003 min
Response: 3028872
Conc: 20.68 ug/ml



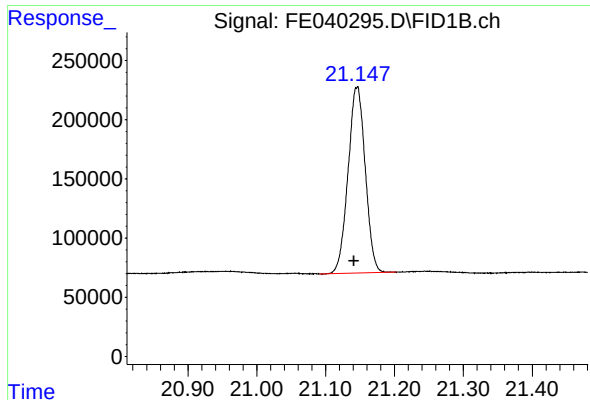
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: 0.005 min
Response: 2899131
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

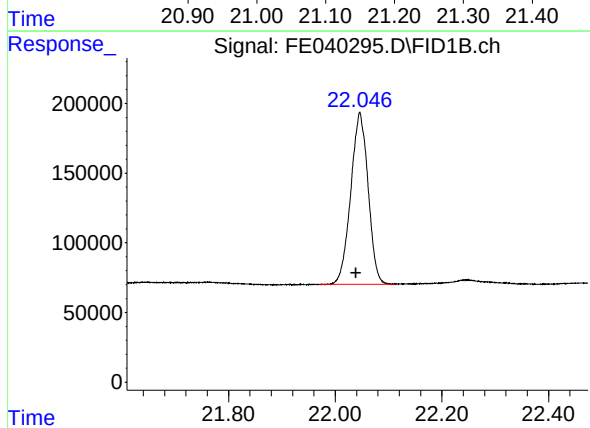
R.T.: 20.414 min
Delta R.T.: 0.005 min
Response: 2765277
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: 0.005 min
Response: 2725279
Conc: 21.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.046 min
Delta R.T.: 0.007 min
Response: 2786386
Conc: 20.99 ug/ml