

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110724AL\
 Data File : FE051082.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2024 20:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 07 04:57:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.850	2983736	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
12) S 1-chlorooctadecane (S...	13.282	2259764	19.904 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.239	2711405	19.595 ug/ml
2) T n-Decane (C10)	4.489	2748179	19.605 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2652119	20.115 ug/ml
4) T n-Dodecane (C12)	6.656	2772568	19.636 ug/ml
5) T A~2-methylnaphthalene...	7.297	2464645	19.702 ug/ml
6) T n-Tetradecane (C14)	8.483	2745062	19.697 ug/ml
7) T n-Hexadecane (C16)	10.088	2813857	19.829 ug/ml
8) T n-Octadecane (C18)	11.529	2838338	19.876 ug/ml
10) T n-Eicosane (C20)	12.836	2716734	19.851 ug/ml
11) T n-Heneicosane (C21)	13.447	2662745	19.924 ug/ml
13) T n-Docosane (C22)	14.033	2642224	19.874 ug/ml
14) T n-Tetracosane (C24)	15.133	2635090	19.864 ug/ml
15) T n-Hexacosane (C26)	16.152	2668597	19.934 ug/ml
16) T n-Octacosane (C28)	17.101	2718619	19.942 ug/ml
17) T n-Tricontane (C30)	17.987	2888717	19.883 ug/ml
18) T n-Dotriacontane (C32)	18.818	2938364	19.789 ug/ml
19) T n-Tetratriacontane (C34)	19.602	2635990	19.618 ug/ml
20) T n-Hexatriacontane (C36)	20.341	2301226	19.286 ug/ml
21) T n-Octatriacontane (C38)	21.063	2052405	18.033 ug/ml
22) T n-Tetracontane (C40)	21.944	1794756	16.137 ug/ml

(f)=RT Delta > 1/2 Window

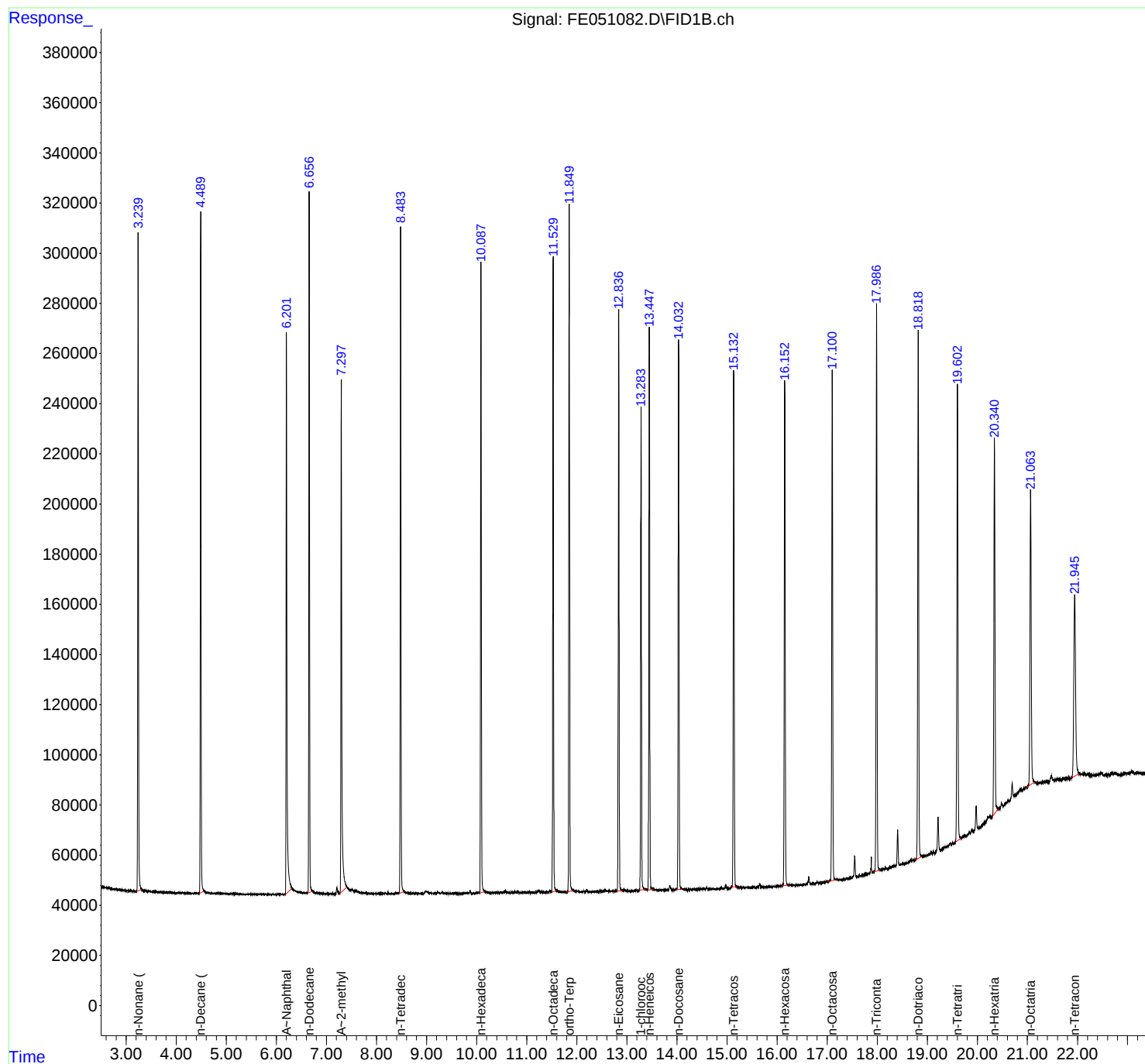
(m)=manual int.

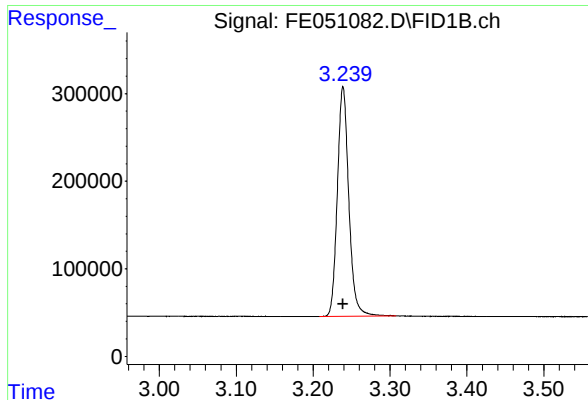
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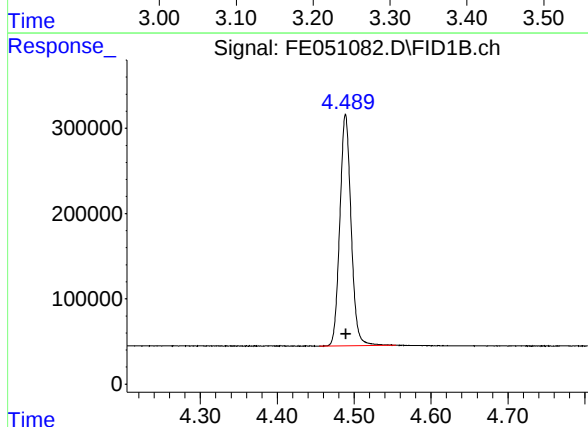




#1 n-Nonane (C9)

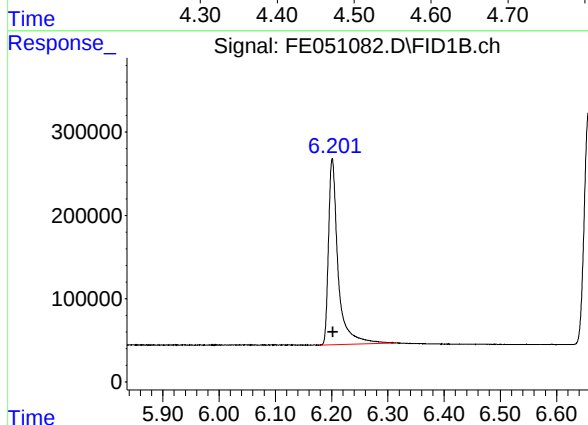
R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 2711405
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



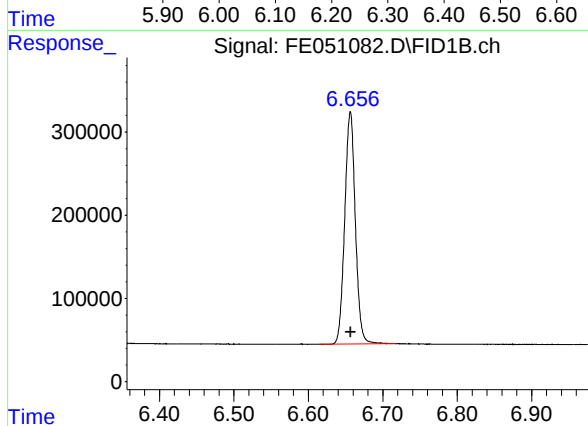
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2748179
Conc: 19.60 ug/ml



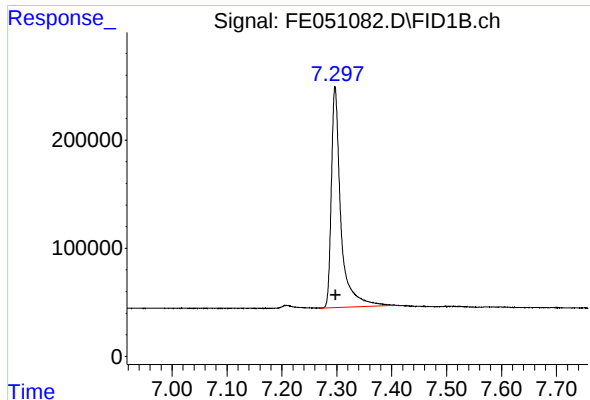
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 2652119
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

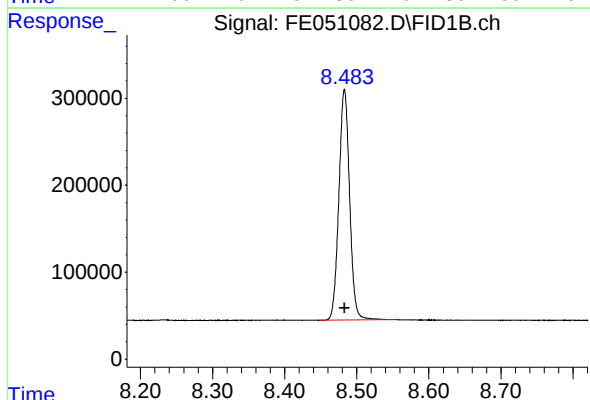
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 2772568
Conc: 19.64 ug/ml



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

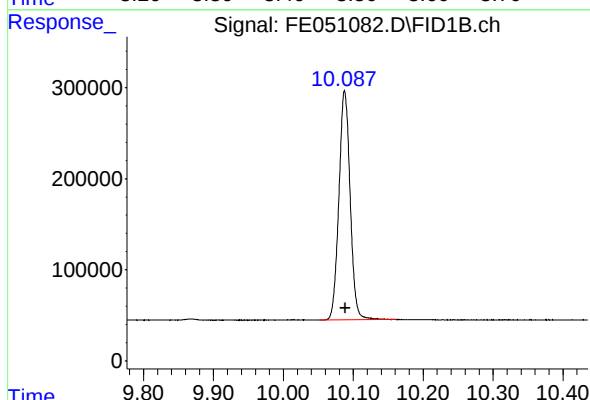
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 2464645
Conc: 19.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



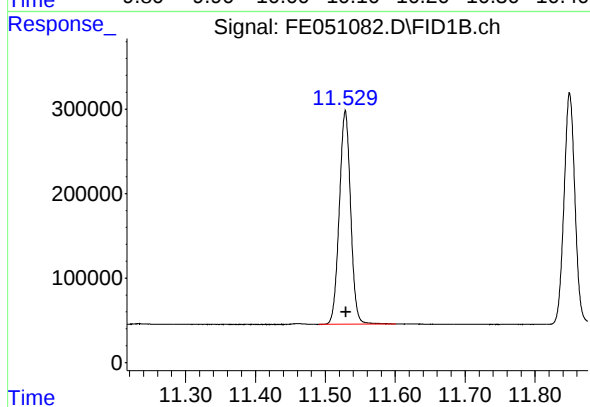
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 2745062
Conc: 19.70 ug/ml



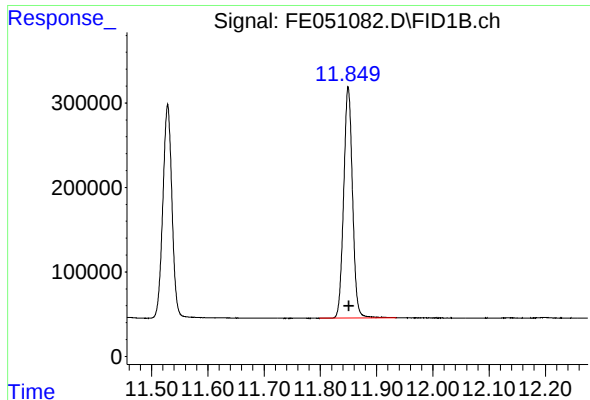
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: 0.000 min
Response: 2813857
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

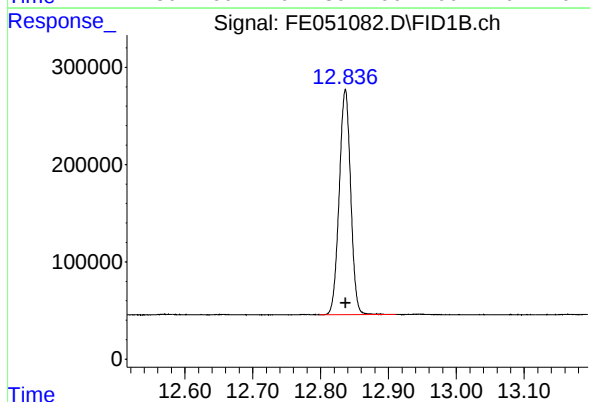
R.T.: 11.529 min
Delta R.T.: -0.001 min
Response: 2838338
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

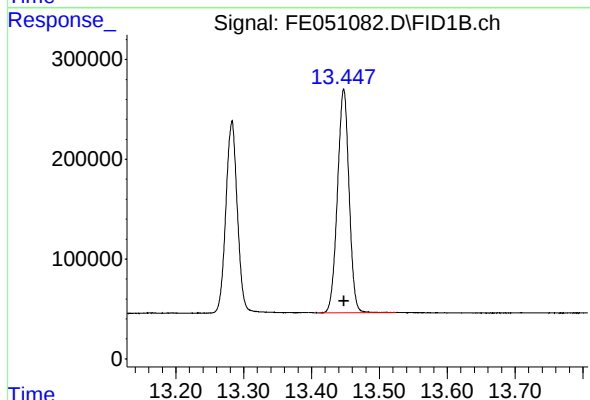
R.T.: 11.850 min
Delta R.T.: 0.000 min
Response: 2983736
Conc: 19.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



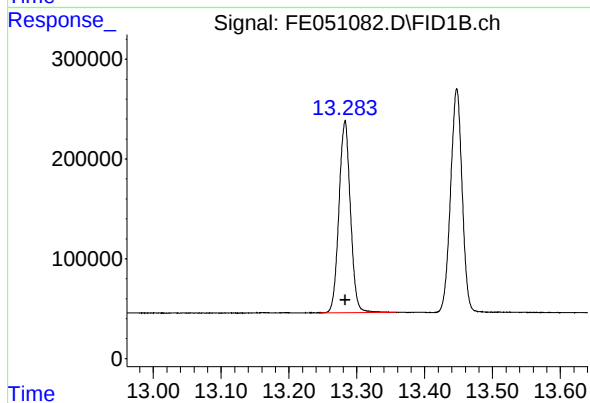
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: 0.000 min
Response: 2716734
Conc: 19.85 ug/ml



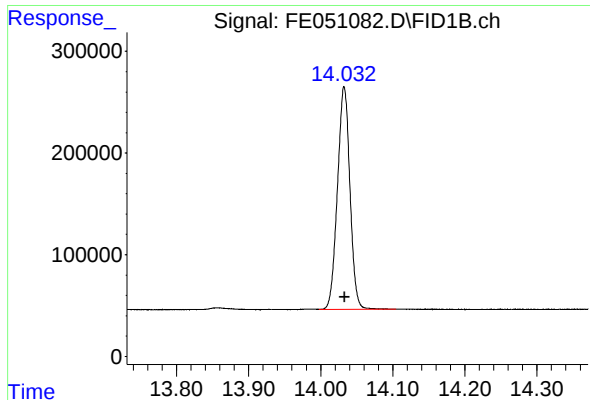
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: 0.000 min
Response: 2662745
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

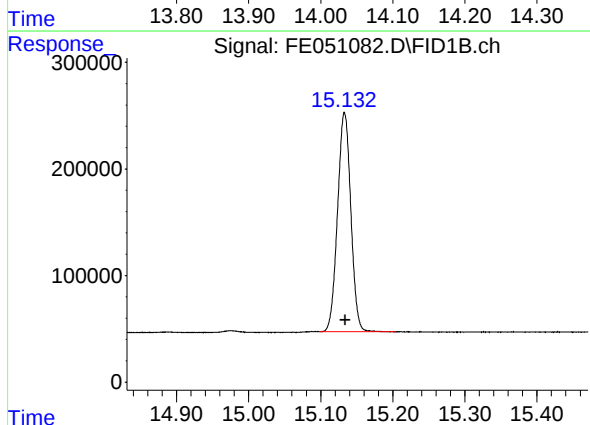
R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 2259764
Conc: 19.90 ug/ml



#13 n-Docosane (C22)

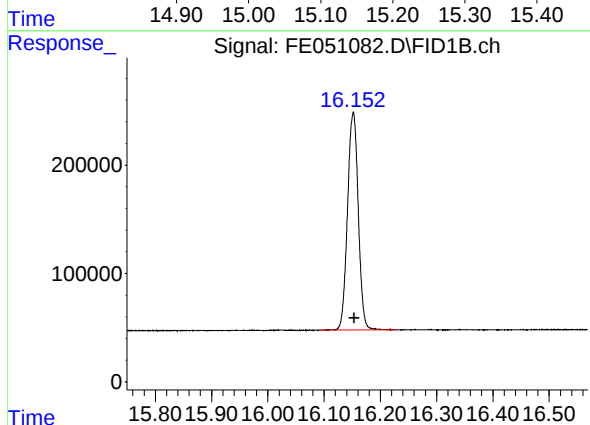
R.T.: 14.033 min
Delta R.T.: 0.000 min
Response: 2642224
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



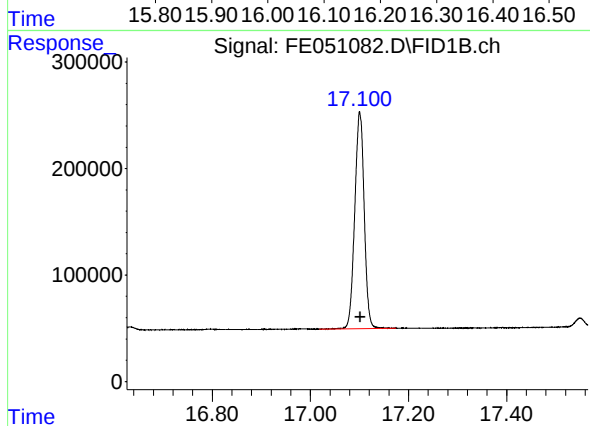
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.001 min
Response: 2635090
Conc: 19.86 ug/ml



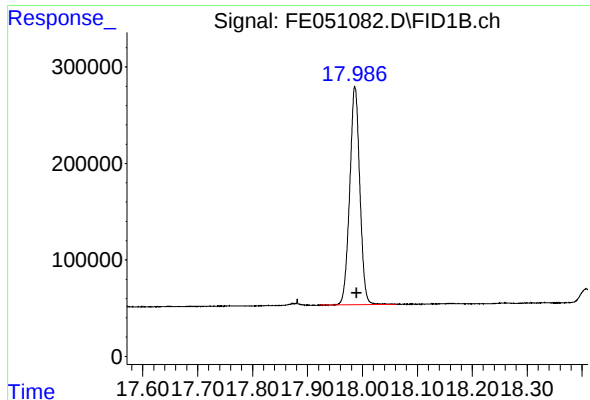
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.002 min
Response: 2668597
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

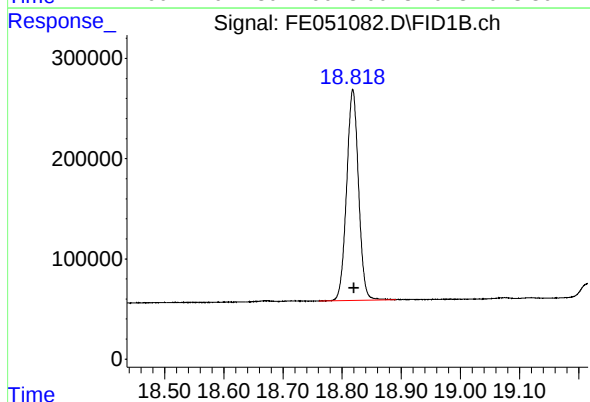
R.T.: 17.101 min
Delta R.T.: -0.001 min
Response: 2718619
Conc: 19.94 ug/ml



#17 n-Tricontane (C30)

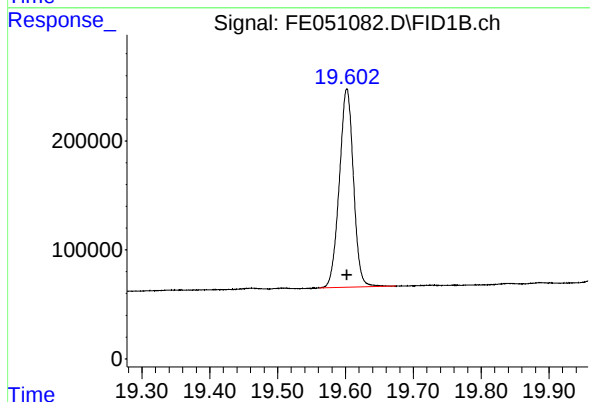
R.T.: 17.987 min
Delta R.T.: -0.003 min
Response: 2888717
Conc: 19.88 ug/ml

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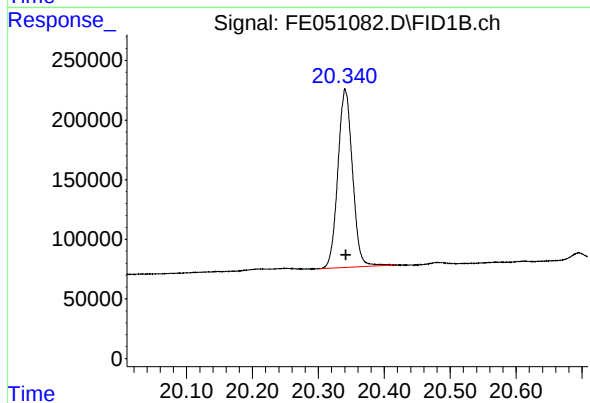
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: -0.002 min
Response: 2938364
Conc: 19.79 ug/ml



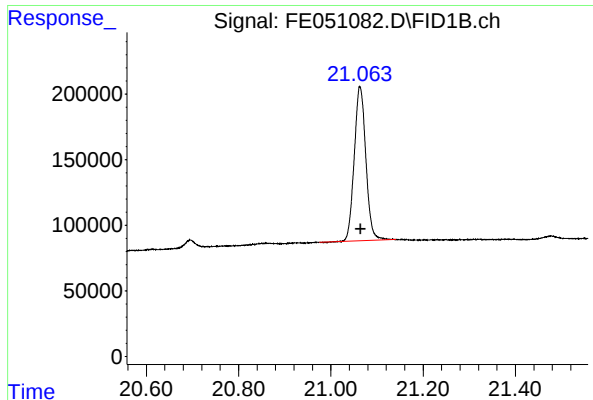
#19 n-Tetatriacontane (C34)

R.T.: 19.602 min
Delta R.T.: 0.000 min
Response: 2635990
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

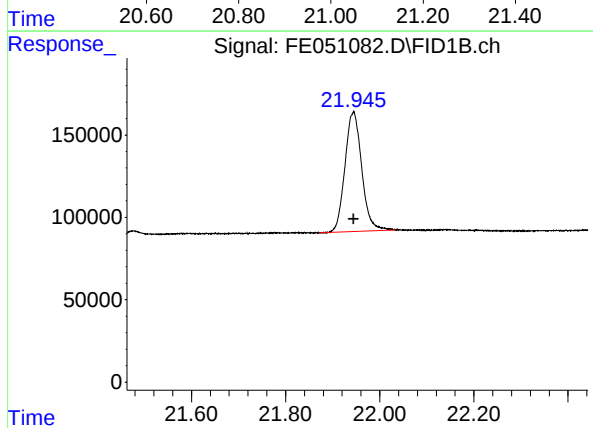
R.T.: 20.341 min
Delta R.T.: 0.000 min
Response: 2301226
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.063 min
Delta R.T.: -0.002 min
Response: 2052405
Conc: 18.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: 0.000 min
Response: 1794756
Conc: 16.14 ug/ml