

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111623AL\
 Data File : FE045387.D
 Signal(s) : FID1B.ch
 Acq On : 16 Nov 2023 07:47
 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: Nov 16 23:21:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.877	3263773	17.094 ug/ml
Spiked Amount 50.000		Recovery =	34.19%
12) S 1-chlorooctadecane (S...	13.319	2359091	17.127 ug/ml
Spiked Amount 50.000		Recovery =	34.25%
Target Compounds			
1) T n-Nonane (C9)	3.264	2827487	17.116 ug/ml
2) T n-Decane (C10)	4.515	2892557	17.251 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3033956	16.997 ug/ml
4) T n-Dodecane (C12)	6.681	2893874	17.135 ug/ml
5) T A~2-methylnaphthalene...	7.311	2908813	16.939 ug/ml
6) T n-Tetradecane (C14)	8.508	2846686	17.080 ug/ml
7) T n-Hexadecane (C16)	10.118	2868242	17.052 ug/ml
8) T n-Octadecane (C18)	11.563	2846122	17.005 ug/ml
10) T n-Eicosane (C20)	12.875	2728407	17.224 ug/ml
11) T n-Heneicosane (C21)	13.488	2640605	17.174 ug/ml
13) T n-Docosane (C22)	14.076	2656143	17.531 ug/ml
14) T n-Tetracosane (C24)	15.180	2697215	18.211 ug/ml
15) T n-Hexacosane (C26)	16.202	2737863	18.784 ug/ml
16) T n-Octacosane (C28)	17.154	2856481	19.548 ug/ml
17) T n-Tricontane (C30)	18.045	3038492	20.003 ug/ml
18) T n-Dotriacontane (C32)	18.879	3104425	19.872 ug/ml
19) T n-Tetratriacontane (C34)	19.664	2941813	18.841 ug/ml
20) T n-Hexatriacontane (C36)	20.406	2942657	18.129 ug/ml
21) T n-Octatriacontane (C38)	21.143	2955225	17.787 ug/ml
22) T n-Tetracontane (C40)	22.054	2780744	16.280 ug/ml

(f)=RT Delta > 1/2 Window

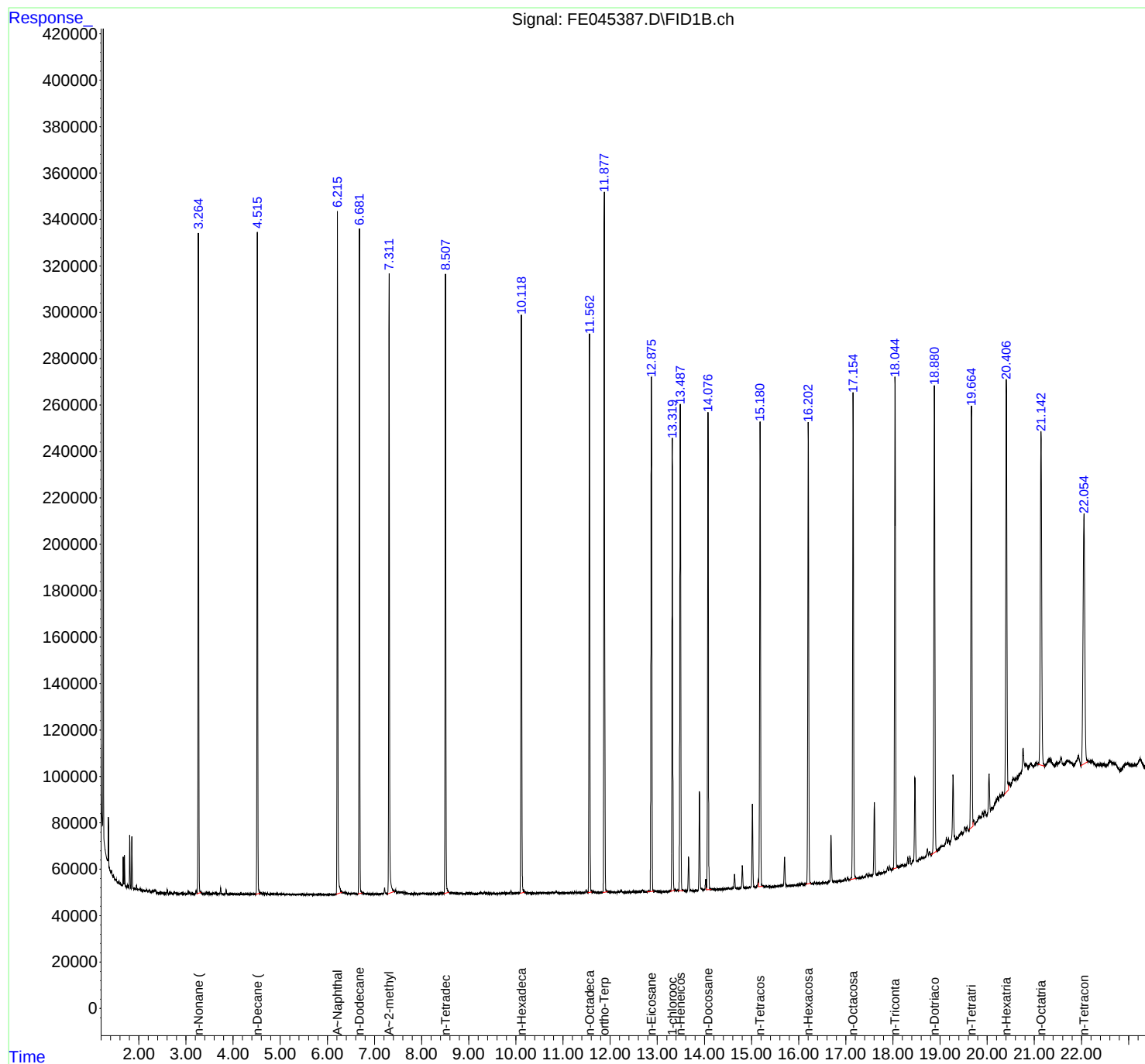
(m)=manual int.

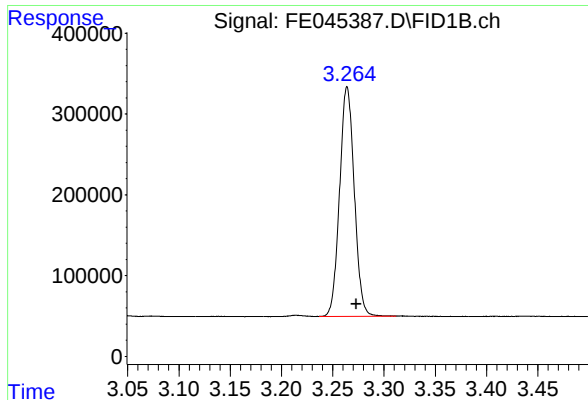
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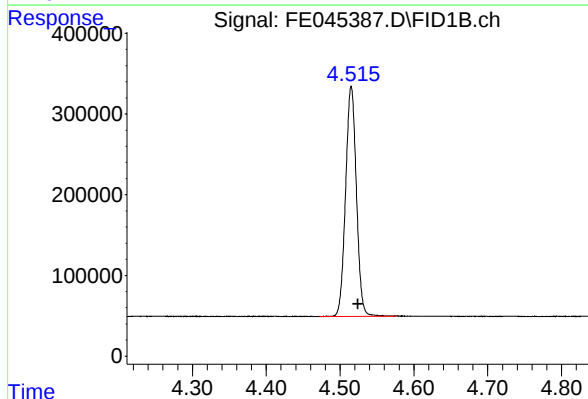




#1 n-Nonane (C9)

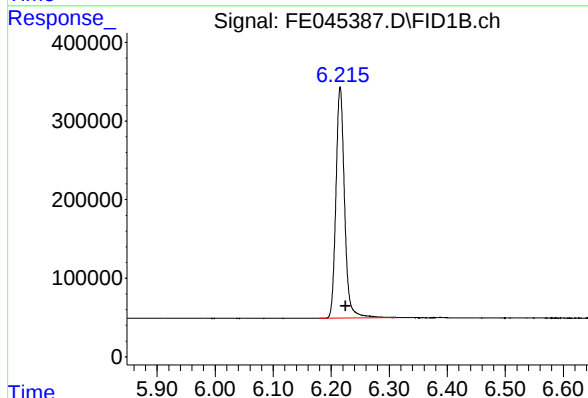
R.T.: 3.264 min
Delta R.T.: -0.009 min
Response: 2827487
Conc: 17.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



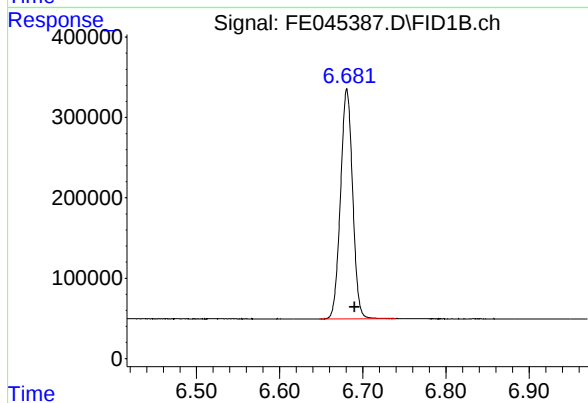
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.009 min
Response: 2892557
Conc: 17.25 ug/ml



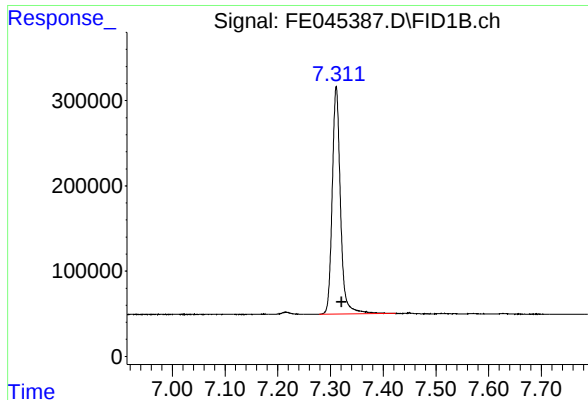
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 3033956
Conc: 17.00 ug/ml



#4 n-Dodecane (C12)

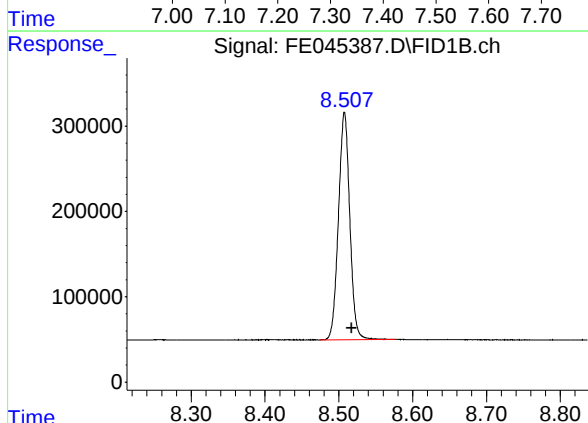
R.T.: 6.681 min
Delta R.T.: -0.009 min
Response: 2893874
Conc: 17.14 ug/ml



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

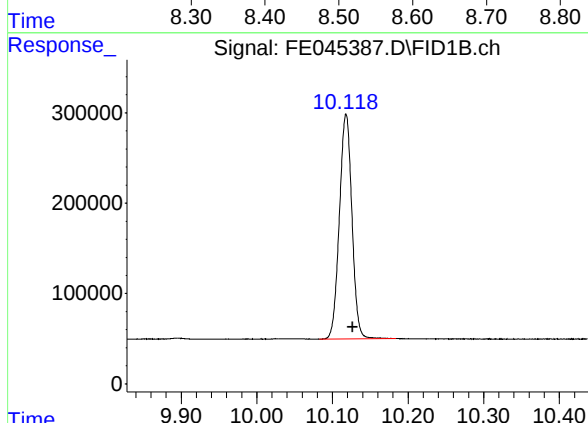
R.T.: 7.311 min
Delta R.T.: -0.010 min
Response: 2908813
Conc: 16.94 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



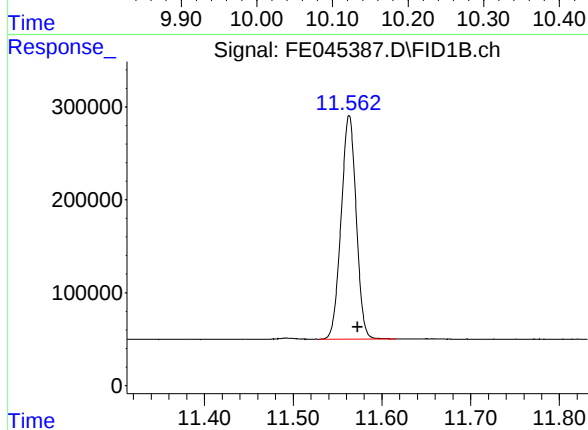
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.010 min
Response: 2846686
Conc: 17.08 ug/ml



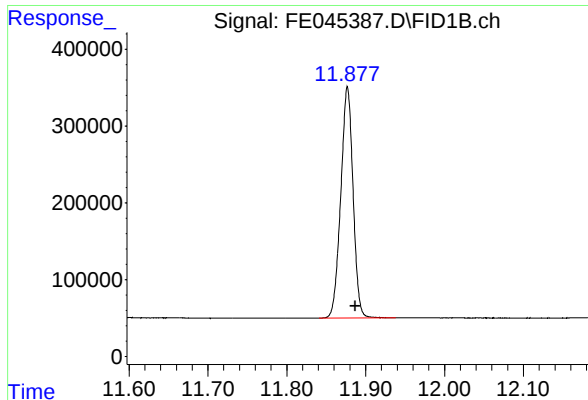
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: -0.009 min
Response: 2868242
Conc: 17.05 ug/ml



#8 n-Octadecane (C18)

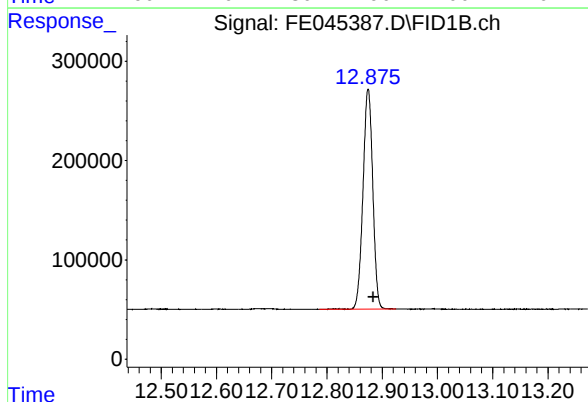
R.T.: 11.563 min
Delta R.T.: -0.010 min
Response: 2846122
Conc: 17.00 ug/ml



#9 ortho-Terphenyl (SURR)

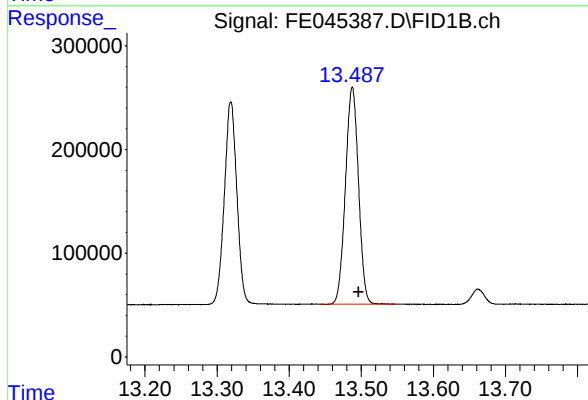
R.T.: 11.877 min
Delta R.T.: -0.010 min
Response: 3263773
Conc: 17.09 ug/ml

Instrument :
FID_E
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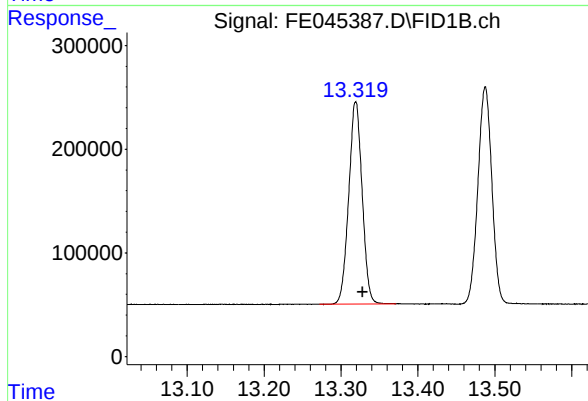
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.009 min
Response: 2728407
Conc: 17.22 ug/ml



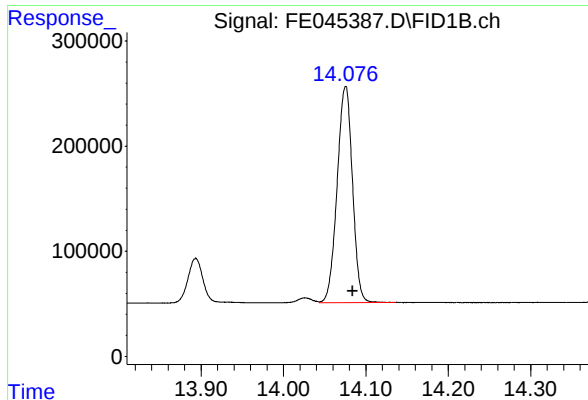
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.009 min
Response: 2640605
Conc: 17.17 ug/ml



#12 1-chlorooctadecane (SURR)

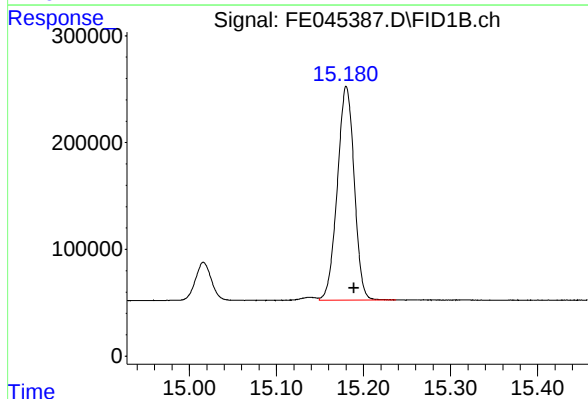
R.T.: 13.319 min
Delta R.T.: -0.009 min
Response: 2359091
Conc: 17.13 ug/ml



#13 n-Docosane (C22)

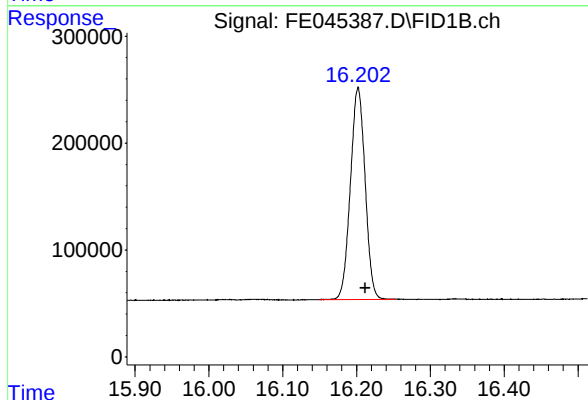
R.T.: 14.076 min
Delta R.T.: -0.008 min
Response: 2656143
Conc: 17.53 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



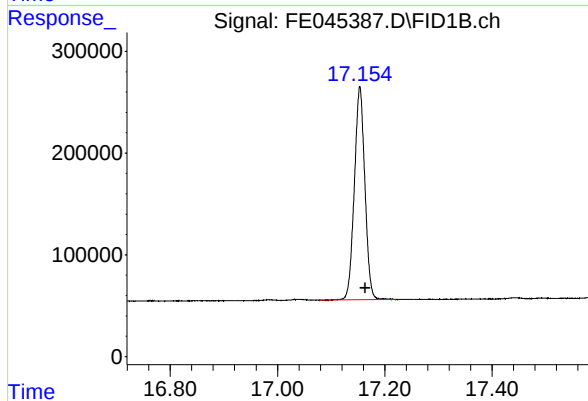
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.009 min
Response: 2697215
Conc: 18.21 ug/ml



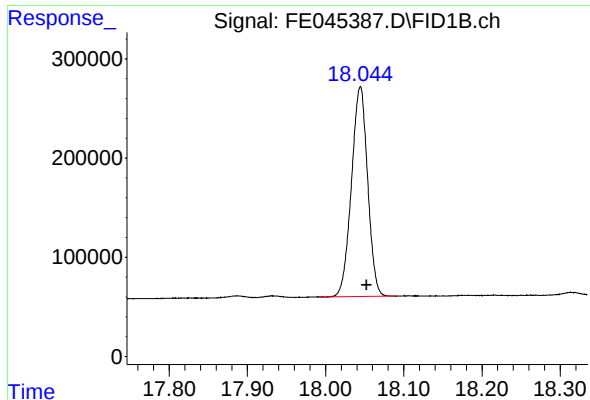
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.010 min
Response: 2737863
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

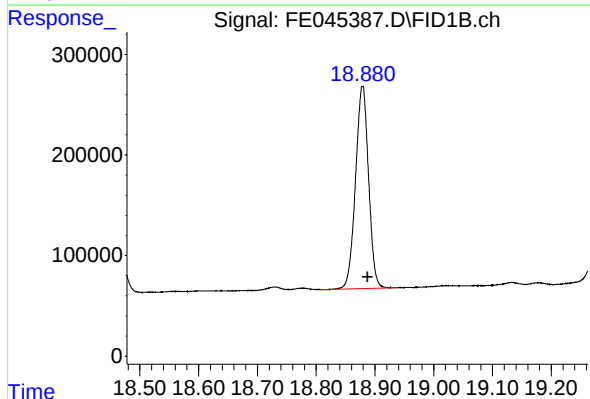
R.T.: 17.154 min
Delta R.T.: -0.010 min
Response: 2856481
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

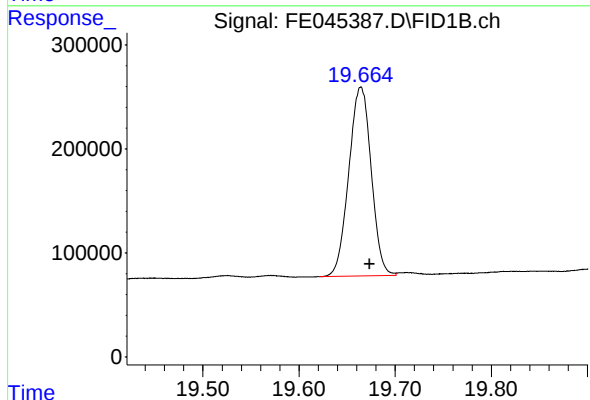
R.T.: 18.045 min
Delta R.T.: -0.008 min
Response: 3038492
Conc: 20.00 ug/ml

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ClientSampleId :
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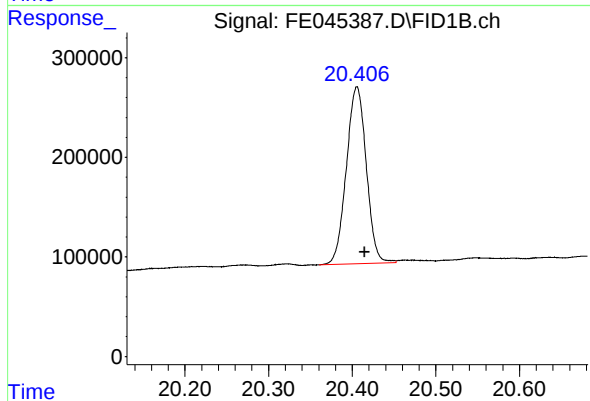
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.009 min
Response: 3104425
Conc: 19.87 ug/ml



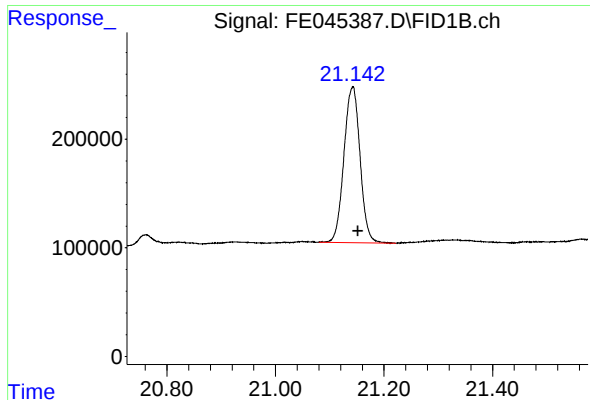
#19 n-Tetatriacontane (C34)

R.T.: 19.664 min
Delta R.T.: -0.009 min
Response: 2941813
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

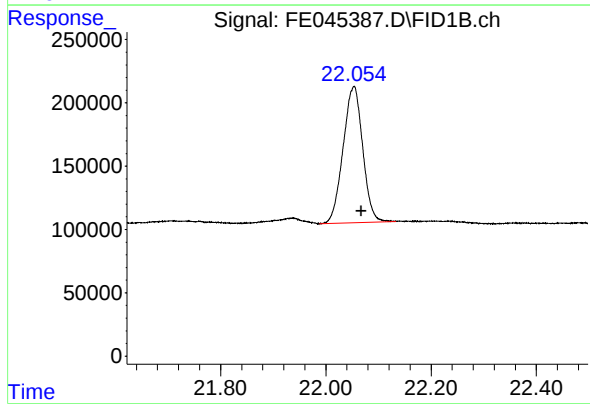
R.T.: 20.406 min
Delta R.T.: -0.009 min
Response: 2942657
Conc: 18.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: -0.010 min
Response: 2955225
Conc: 17.79 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.054 min
Delta R.T.: -0.014 min
Response: 2780744
Conc: 16.28 ug/ml