

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
 Data File : FE050289.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2024 13:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 24 01:26:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.869	2760081	18.551 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
12) S 1-chlorooctadecane (S...	13.303	2075647	18.479 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
Target Compounds			
1) T n-Nonane (C9)	3.258	2412367	17.797 ug/ml
2) T n-Decane (C10)	4.509	2508793	18.178 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2554745	18.252 ug/ml
4) T n-Dodecane (C12)	6.676	2517493	18.205 ug/ml
5) T A~2-methylnaphthalene...	7.313	2389789	18.182 ug/ml
6) T n-Tetradecane (C14)	8.503	2499897	18.358 ug/ml
7) T n-Hexadecane (C16)	10.109	2579495	18.571 ug/ml
8) T n-Octadecane (C18)	11.550	2598877	18.550 ug/ml
10) T n-Eicosane (C20)	12.858	2484798	18.523 ug/ml
11) T n-Heneicosane (C21)	13.468	2466526	18.772 ug/ml
13) T n-Docosane (C22)	14.054	2464786	18.928 ug/ml
14) T n-Tetracosane (C24)	15.155	2523333	19.322 ug/ml
15) T n-Hexacosane (C26)	16.175	2506978	19.595 ug/ml
16) T n-Octacosane (C28)	17.124	2597358	20.164 ug/ml
17) T n-Tricontane (C30)	18.011	2802508	20.958 ug/ml
18) T n-Dotriacontane (C32)	18.841	2846755	21.363 ug/ml
19) T n-Tetratriacontane (C34)	19.625	2591948	20.977 ug/ml
20) T n-Hexatriacontane (C36)	20.365	2336143	21.056 ug/ml
21) T n-Octatriacontane (C38)	21.089	2102473	19.065 ug/ml
22) T n-Tetracontane (C40)	21.977	1947122	17.894 ug/ml

(f)=RT Delta > 1/2 Window

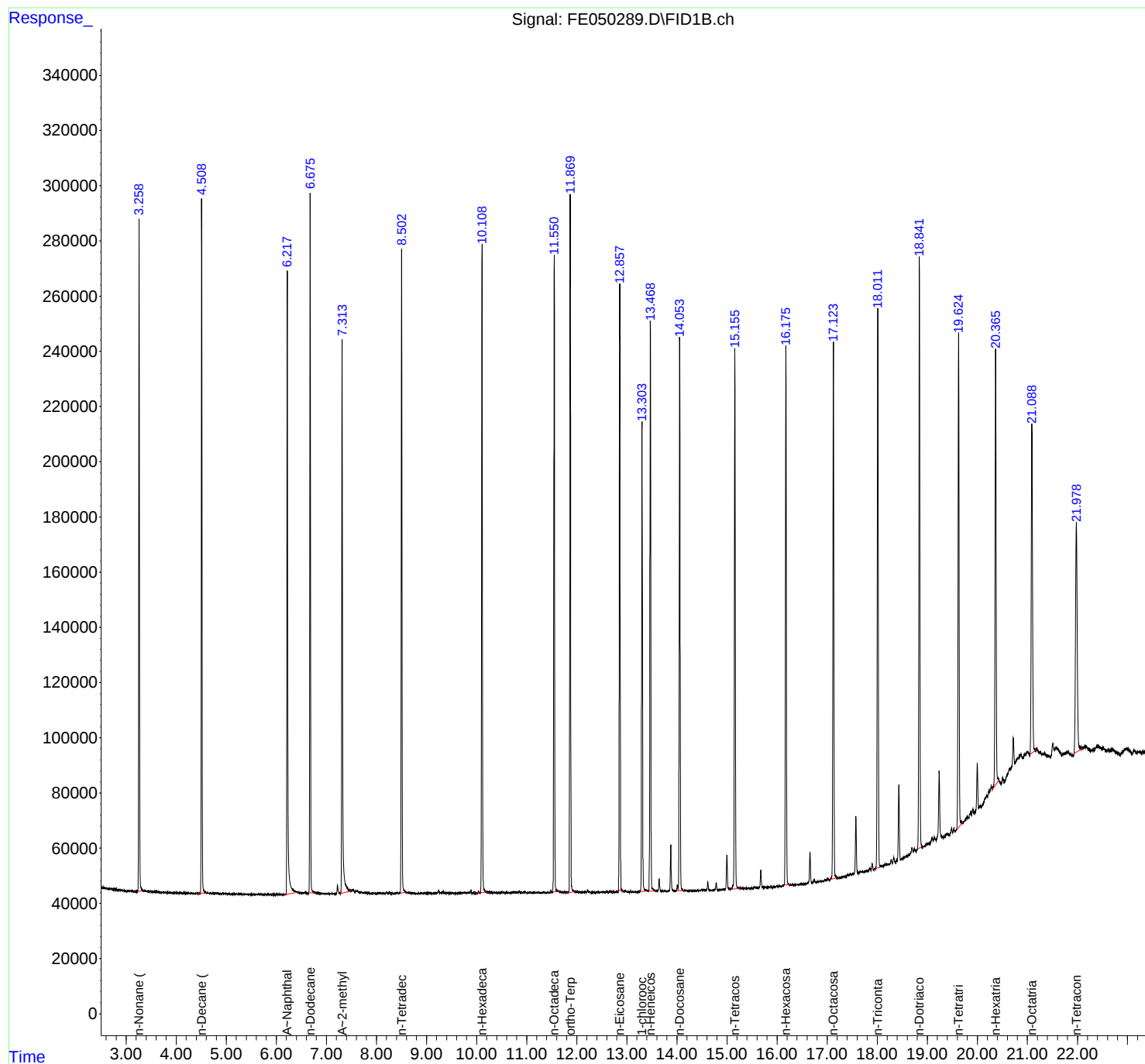
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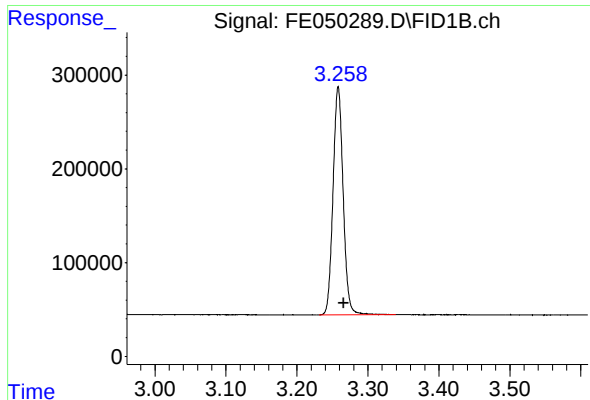
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
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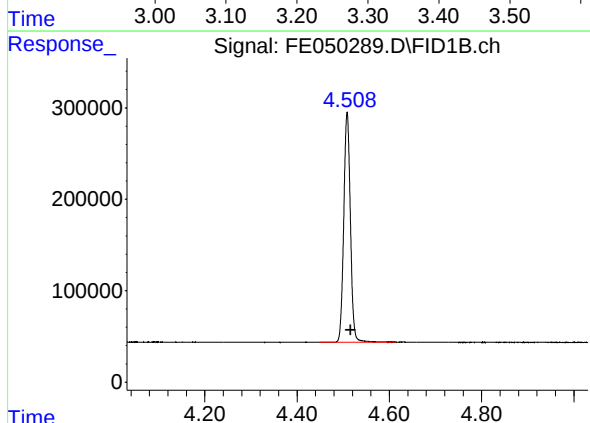




#1 n-Nonane (C9)

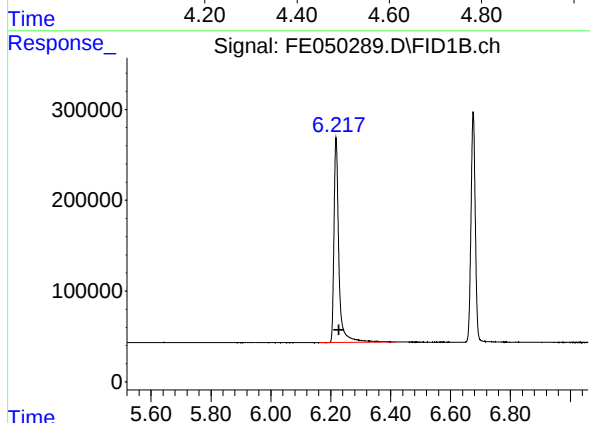
R.T.: 3.258 min
Delta R.T.: -0.008 min
Response: 2412367
Conc: 17.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



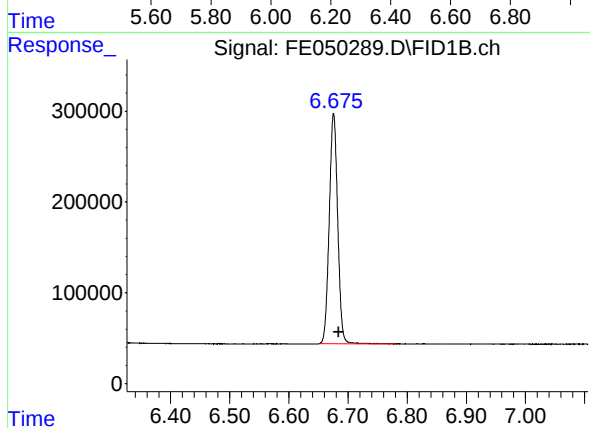
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 2508793
Conc: 18.18 ug/ml



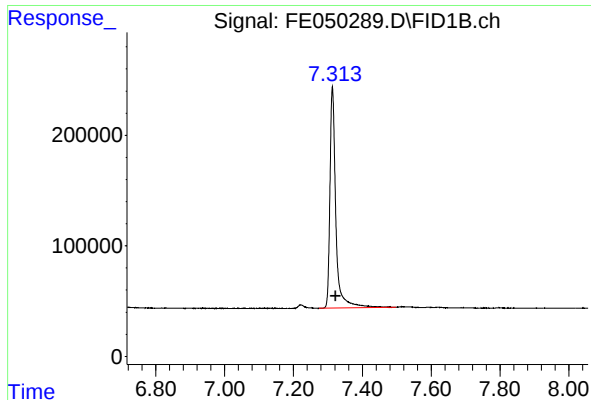
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.009 min
Response: 2554745
Conc: 18.25 ug/ml



#4 n-Dodecane (C12)

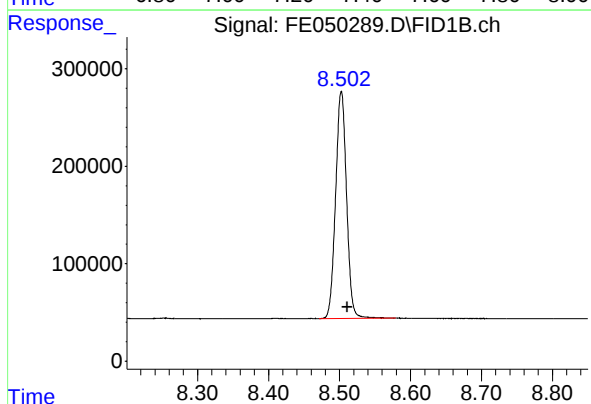
R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 2517493
Conc: 18.21 ug/ml



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

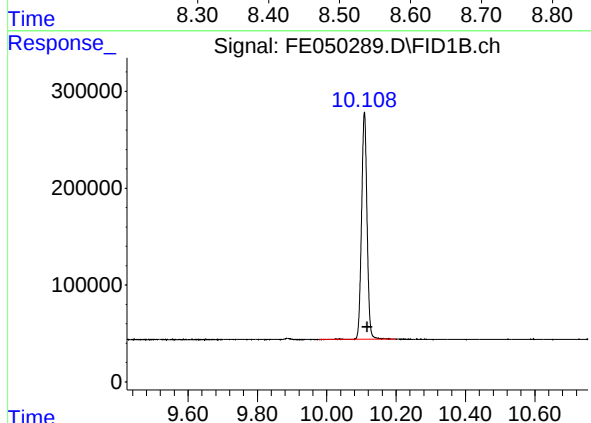
R.T.: 7.313 min
Delta R.T.: -0.010 min
Response: 2389789
Conc: 18.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



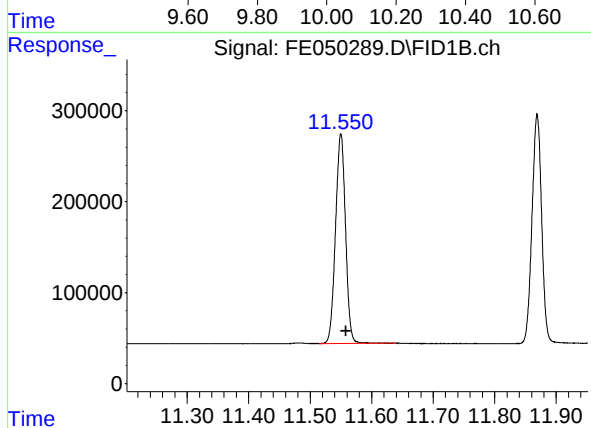
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 2499897
Conc: 18.36 ug/ml



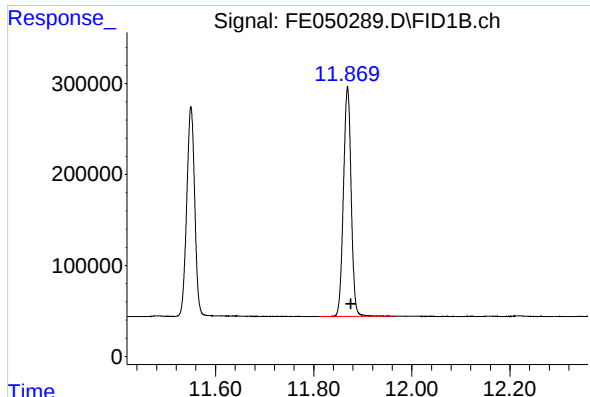
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.008 min
Response: 2579495
Conc: 18.57 ug/ml



#8 n-Octadecane (C18)

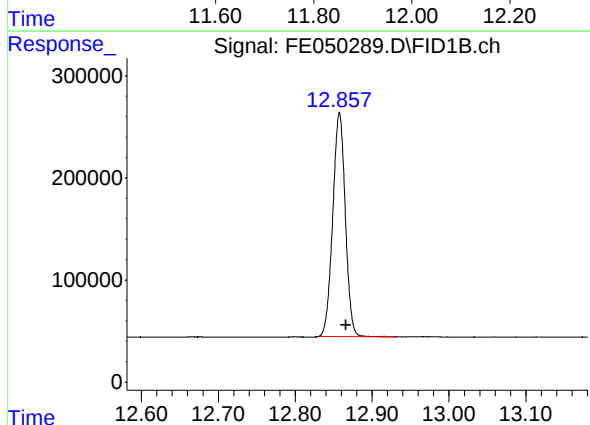
R.T.: 11.550 min
Delta R.T.: -0.009 min
Response: 2598877
Conc: 18.55 ug/ml



#9 ortho-Terphenyl (SURR)

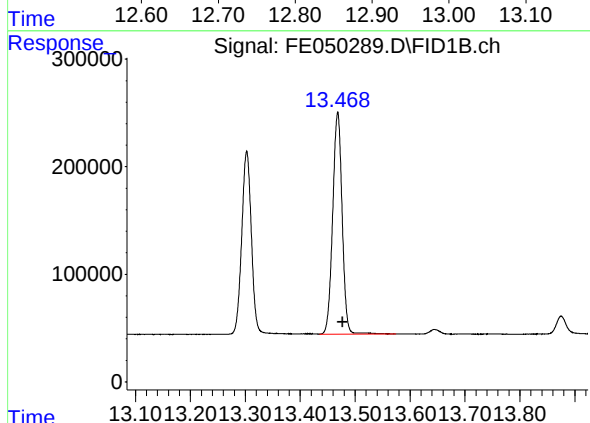
R.T.: 11.869 min
Delta R.T.: -0.007 min
Response: 2760081
Conc: 18.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



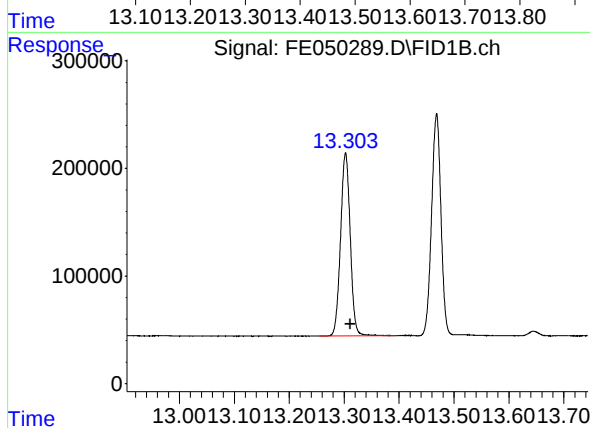
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: -0.008 min
Response: 2484798
Conc: 18.52 ug/ml



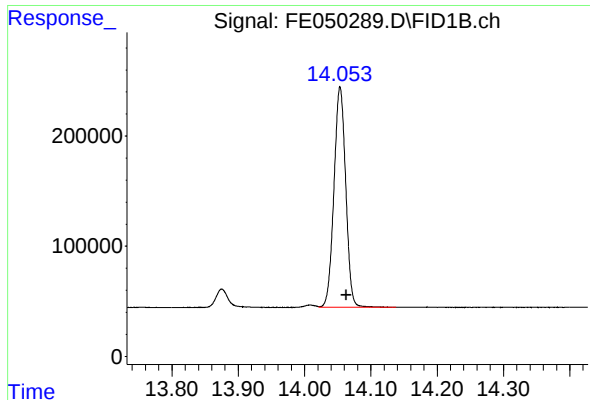
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: -0.009 min
Response: 2466526
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

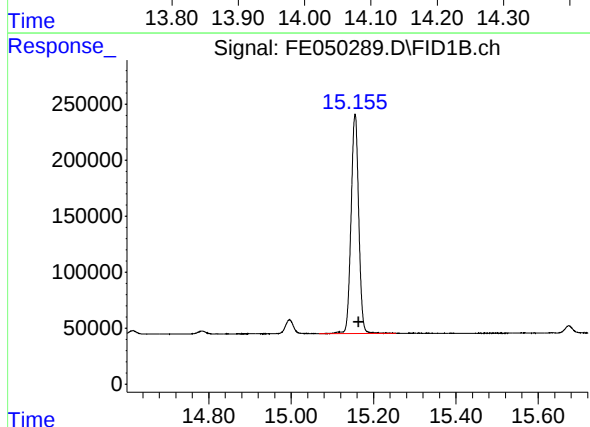
R.T.: 13.303 min
Delta R.T.: -0.009 min
Response: 2075647
Conc: 18.48 ug/ml



#13 n-Docosane (C22)

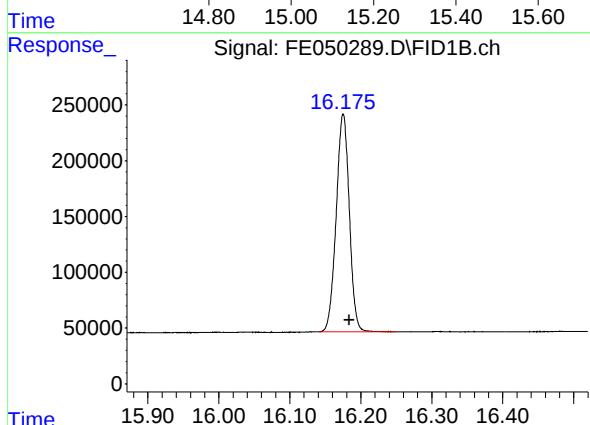
R.T.: 14.054 min
Delta R.T.: -0.009 min
Response: 2464786
Conc: 18.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



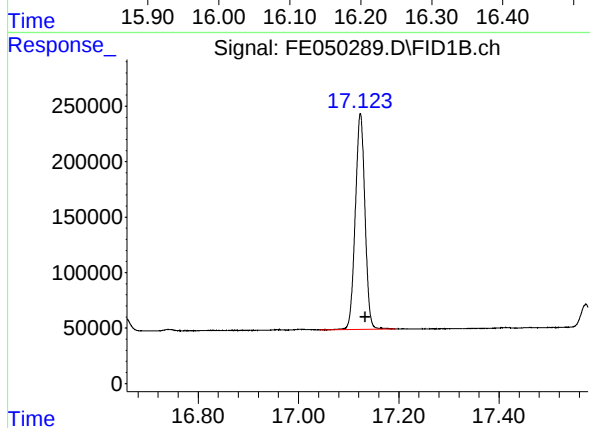
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.009 min
Response: 2523333
Conc: 19.32 ug/ml



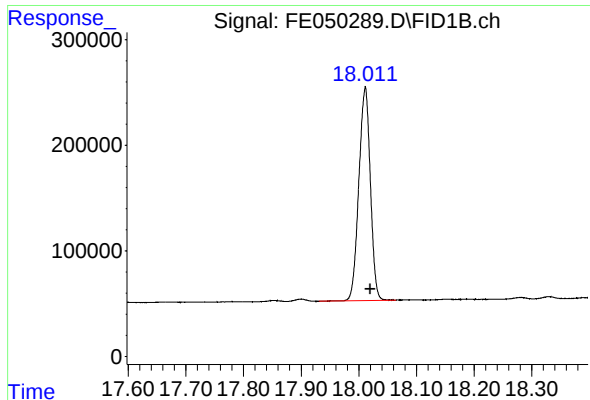
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.009 min
Response: 2506978
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

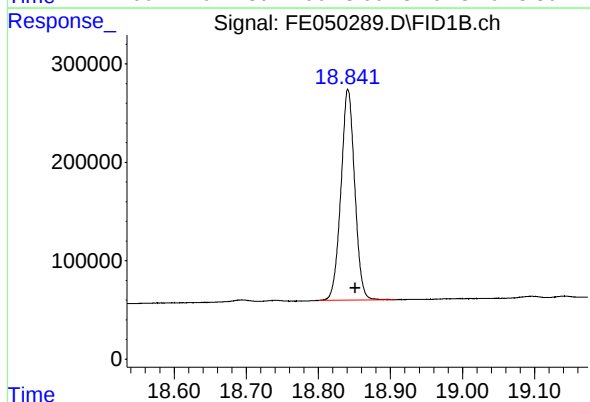
R.T.: 17.124 min
Delta R.T.: -0.010 min
Response: 2597358
Conc: 20.16 ug/ml



#17 n-Tricontane (C30)

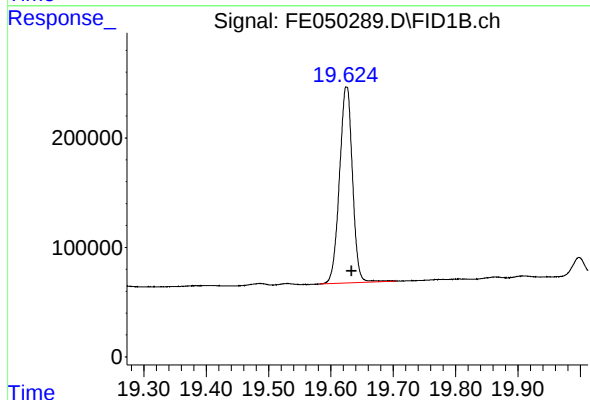
R.T.: 18.011 min
Delta R.T.: -0.009 min
Response: 2802508
Conc: 20.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



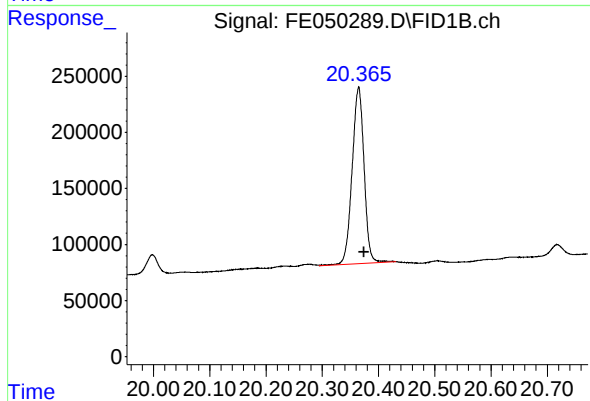
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.010 min
Response: 2846755
Conc: 21.36 ug/ml



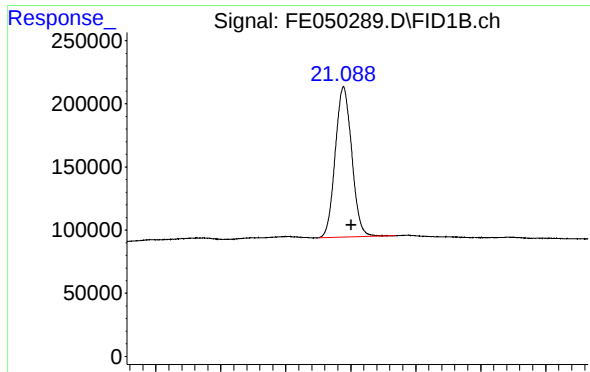
#19 n-Tetatriacontane (C34)

R.T.: 19.625 min
Delta R.T.: -0.009 min
Response: 2591948
Conc: 20.98 ug/ml



#20 n-Hexatriacontane (C36)

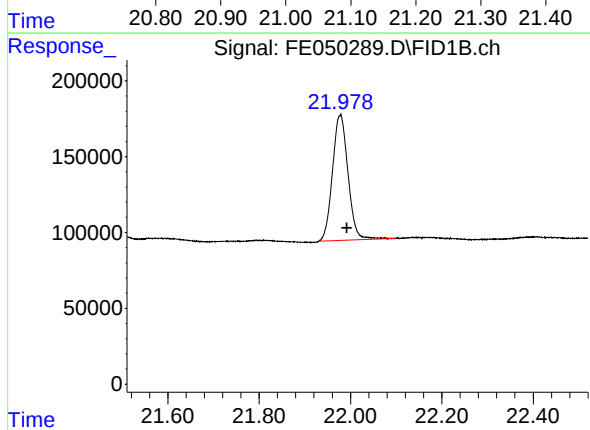
R.T.: 20.365 min
Delta R.T.: -0.009 min
Response: 2336143
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.012 min
Response: 2102473
Conc: 19.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.015 min
Response: 1947122
Conc: 17.89 ug/ml