

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039722.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 12:03
 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: Jan 10 16:20:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.916	3086337	20.098 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
12) S 1-chlorooctadecane (S...	13.353	2340879	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.312	2589513	20.400 ug/ml
2) T n-Decane (C10)	4.561	2532321	20.391 ug/ml
3) T A~Naphthalene (C11.7)	6.264	2880087	20.422 ug/ml
4) T n-Dodecane (C12)	6.726	2562467	20.381 ug/ml
5) T A~2-methylnaphthalene...	7.358	2702718	20.635 ug/ml
6) T n-Tetradecane (C14)	8.551	2621105	20.380 ug/ml
7) T n-Hexadecane (C16)	10.158	2733380	20.261 ug/ml
8) T n-Octadecane (C18)	11.599	2823777	20.152 ug/ml
10) T n-Eicosane (C20)	12.909	2783101	20.087 ug/ml
11) T n-Heneicosane (C21)	13.520	2795760	20.035 ug/ml
13) T n-Docosane (C22)	14.107	2777898	20.013 ug/ml
14) T n-Tetracosane (C24)	15.209	2761044	20.054 ug/ml
15) T n-Hexacosane (C26)	16.229	2667543	19.987 ug/ml
16) T n-Octacosane (C28)	17.179	2603630	20.001 ug/ml
17) T n-Tricontane (C30)	18.066	2538069	19.902 ug/ml
18) T n-Dotriacontane (C32)	18.899	2503212	19.801 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2415882	19.551 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2278852	19.329 ug/ml
21) T n-Octatriacontane (C38)	21.156	2237993	18.725 ug/ml
22) T n-Tetracontane (C40)	22.060	2182559	17.983 ug/ml

(f)=RT Delta > 1/2 Window

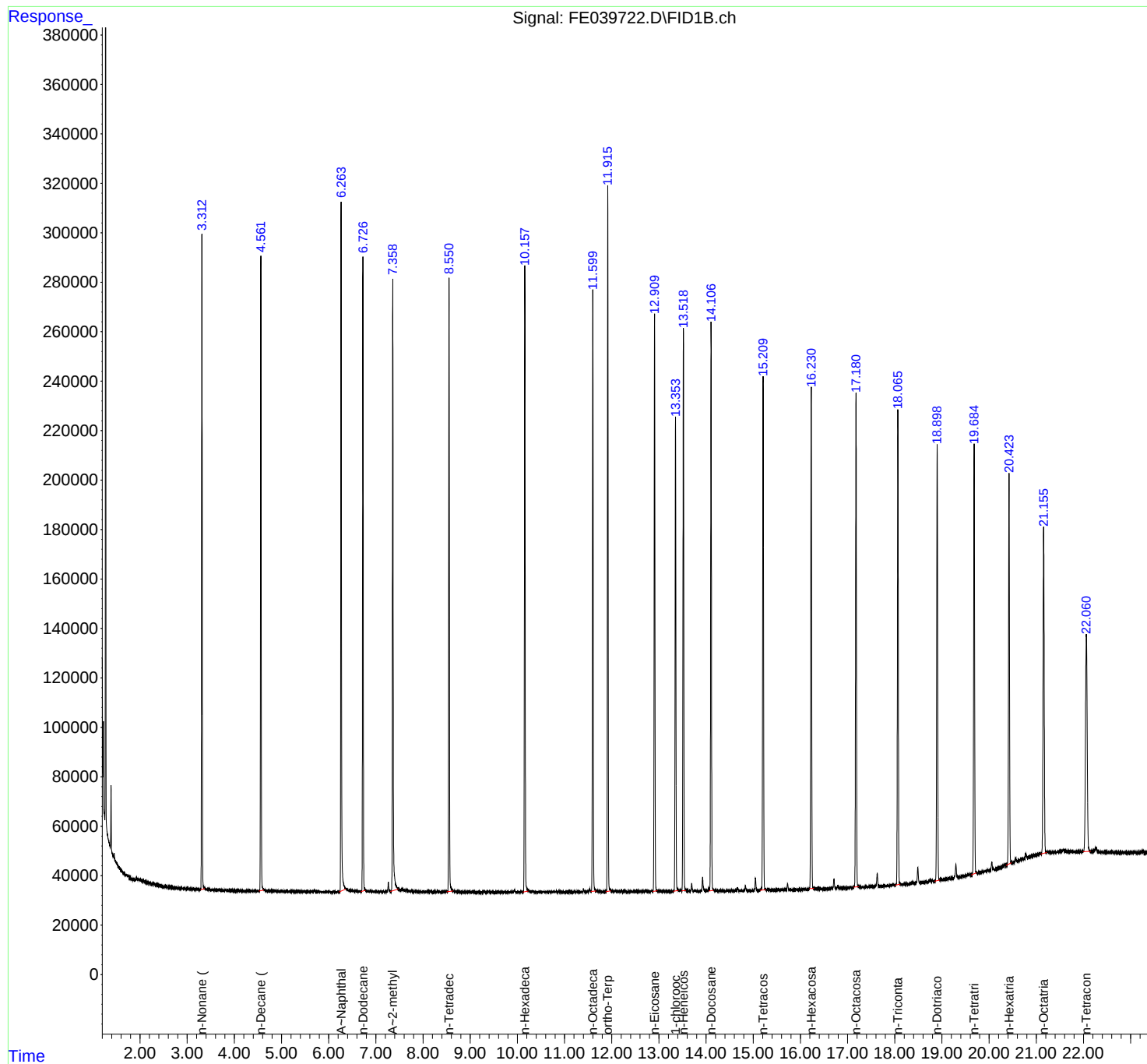
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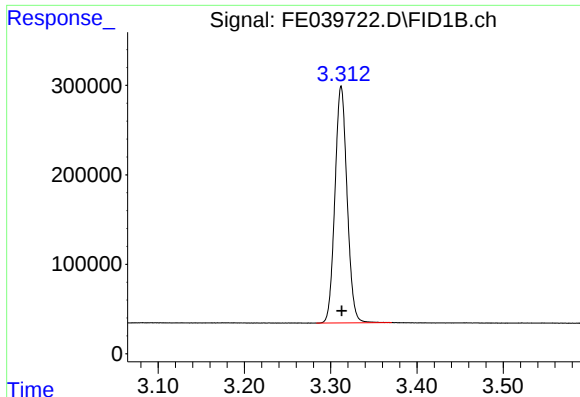
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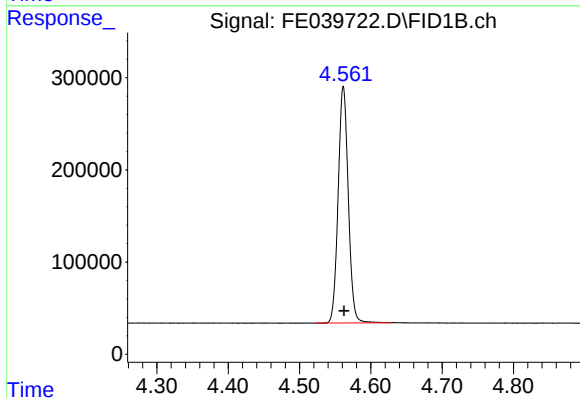




#1 n-Nonane (C9)

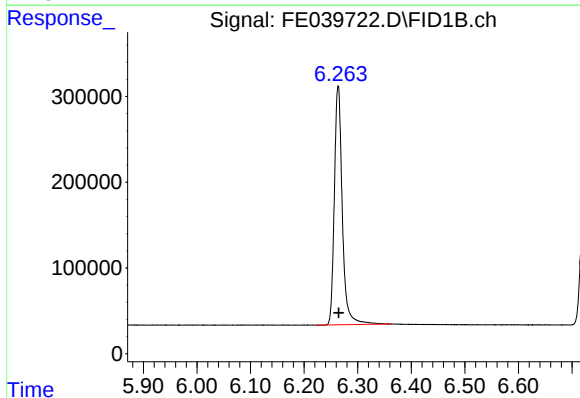
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2589513
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



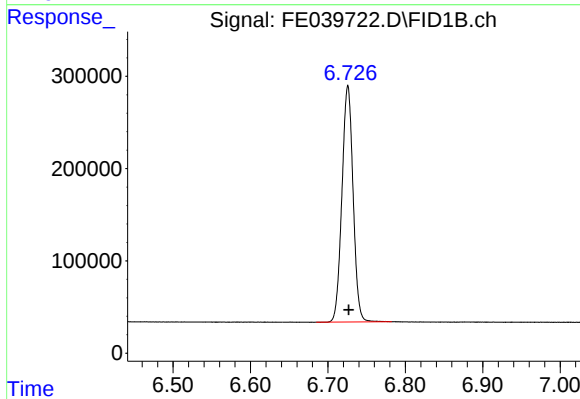
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.001 min
Response: 2532321
Conc: 20.39 ug/ml



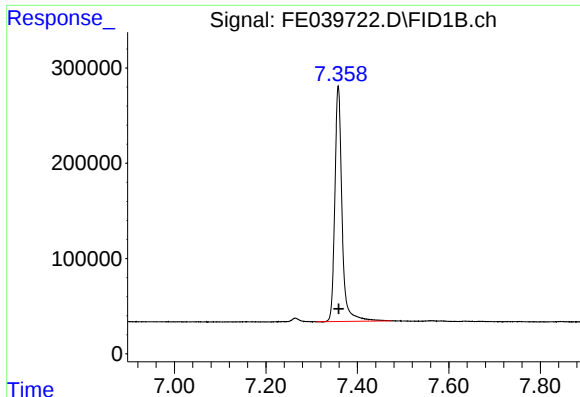
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 2880087
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

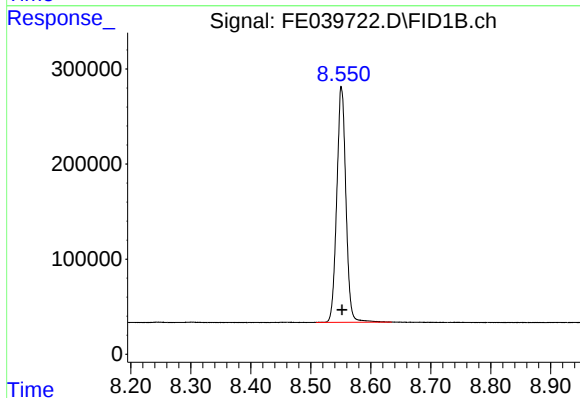
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 2562467
Conc: 20.38 ug/ml



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

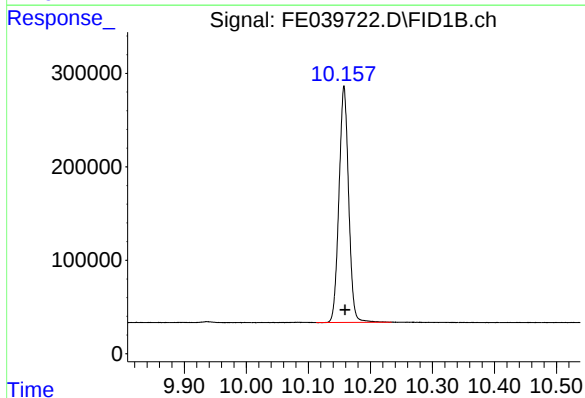
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 2702718
Conc: 20.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



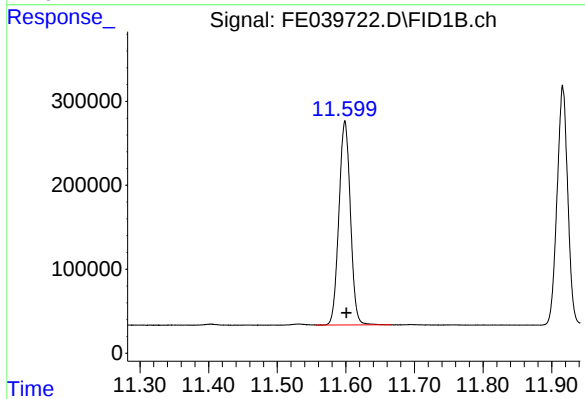
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.001 min
Response: 2621105
Conc: 20.38 ug/ml



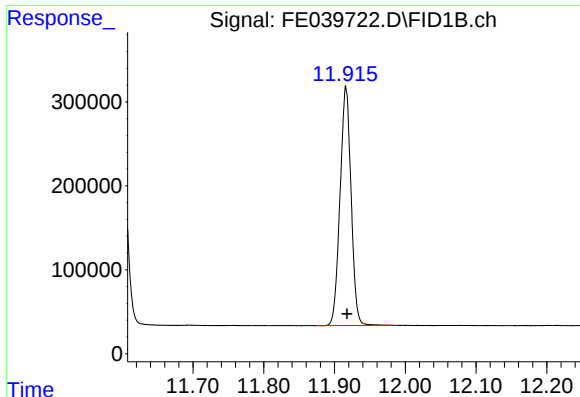
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.002 min
Response: 2733380
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

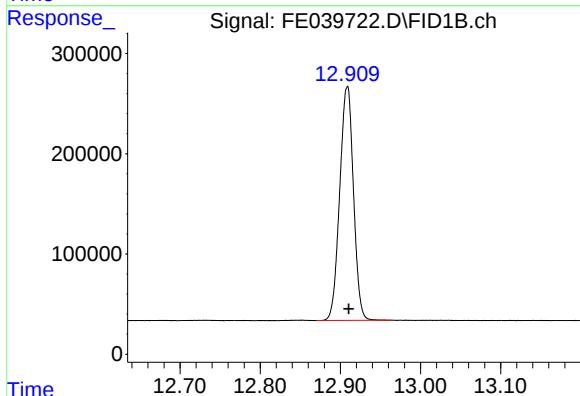
R.T.: 11.599 min
Delta R.T.: -0.002 min
Response: 2823777
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

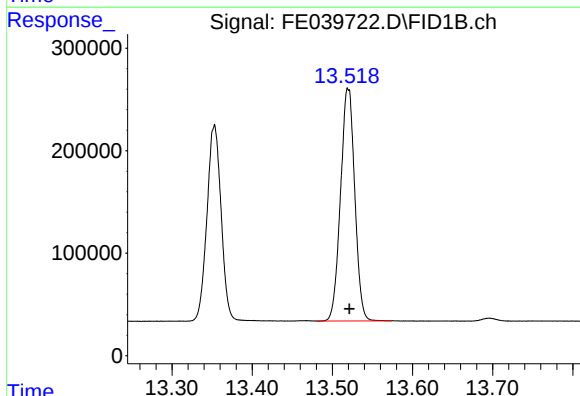
R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 3086337
Conc: 20.10 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



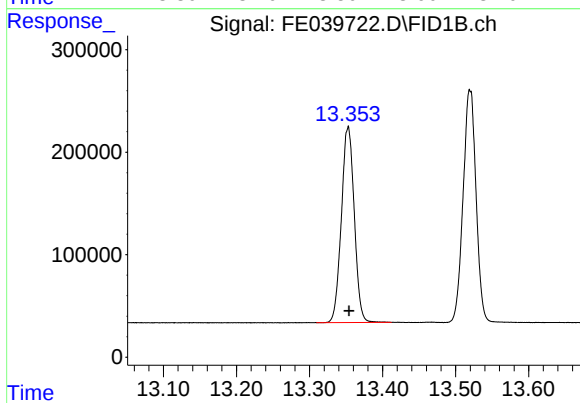
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.002 min
Response: 2783101
Conc: 20.09 ug/ml



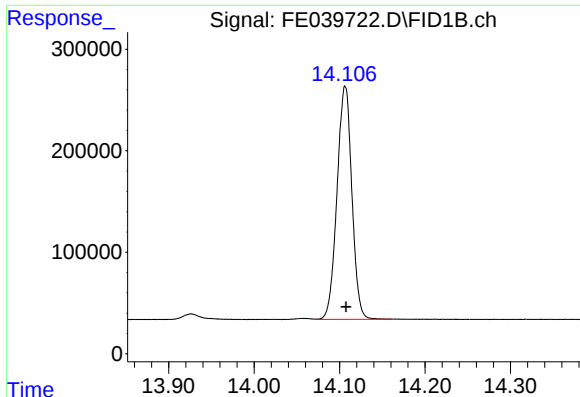
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.002 min
Response: 2795760
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

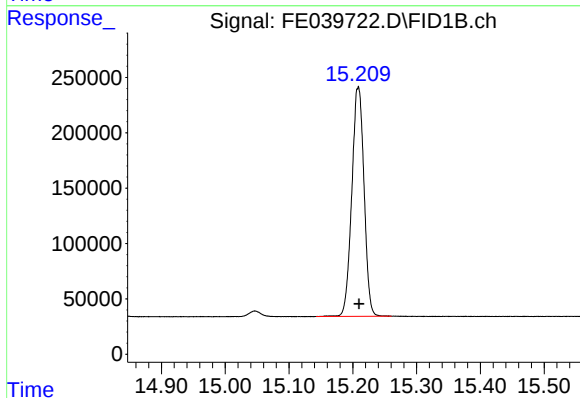
R.T.: 13.353 min
Delta R.T.: -0.001 min
Response: 2340879
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

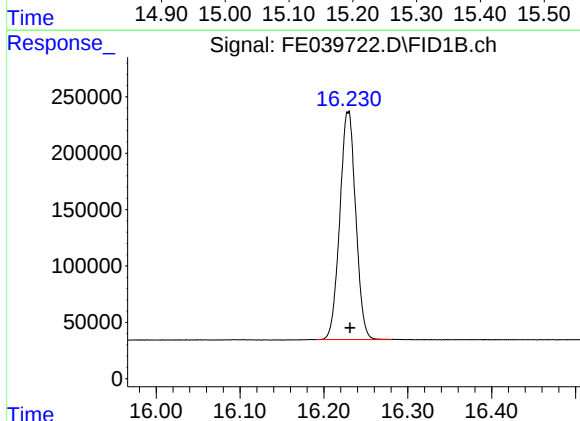
R.T.: 14.107 min
Delta R.T.: 0.000 min
Response: 2777898
Conc: 20.01 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



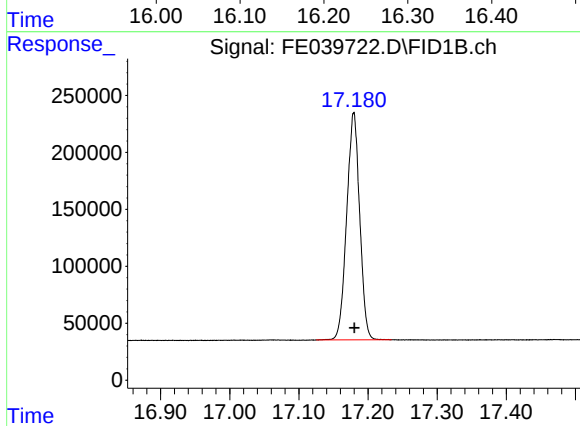
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.001 min
Response: 2761044
Conc: 20.05 ug/ml



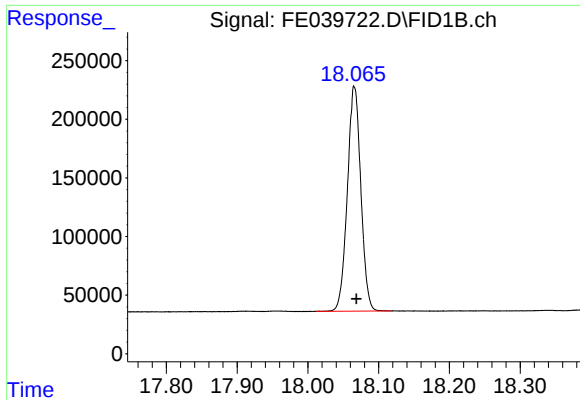
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.002 min
Response: 2667543
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

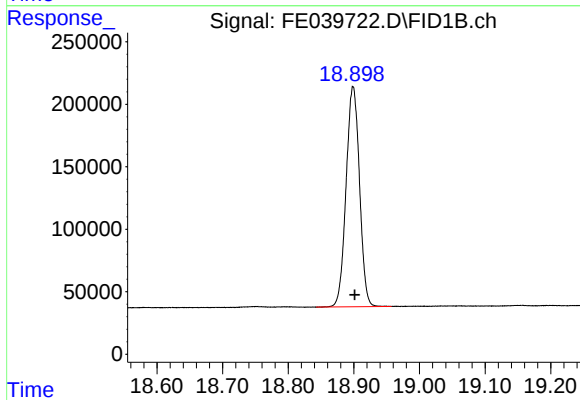
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 2603630
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

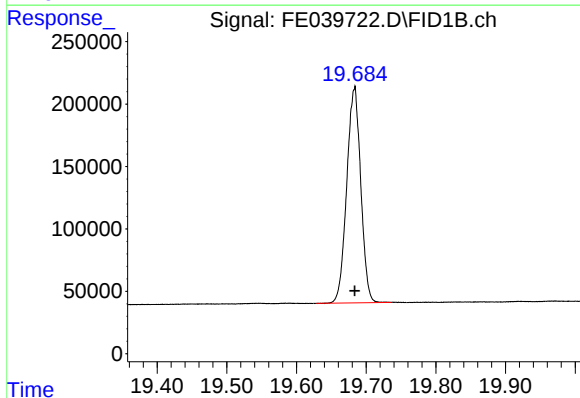
R.T.: 18.066 min
Delta R.T.: -0.003 min
Response: 2538069
Conc: 19.90 ug/ml

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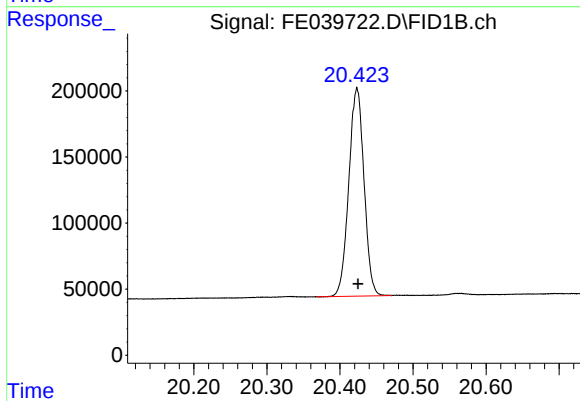
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.003 min
Response: 2503212
Conc: 19.80 ug/ml



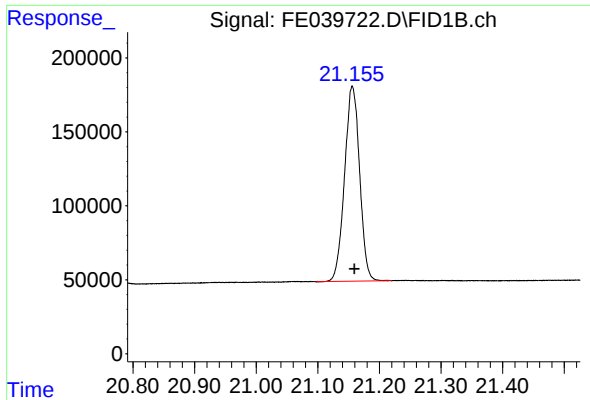
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.000 min
Response: 2415882
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

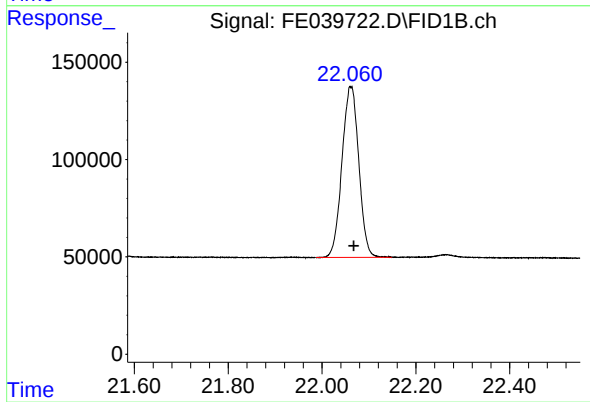
R.T.: 20.423 min
Delta R.T.: -0.002 min
Response: 2278852
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.003 min
Response: 2237993
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: -0.008 min
Response: 2182559
Conc: 17.98 ug/ml