

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121222AL\
 Data File : FC062394.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2022 13:17
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 13 02:47:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.573	2790159	19.780 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	13.012	2088157	19.592 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T n-Nonane (C9)	3.322	2551239	19.836 ug/ml
2) T n-Decane (C10)	4.390	2506269	20.147 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2864219	20.185 ug/ml
4) T n-Dodecane (C12)	6.414	2466925	19.695 ug/ml
5) T A~2-methylnaphthalene...	7.037	2681849	20.858 ug/ml
6) T n-Tetradecane (C14)	8.213	2507176	20.587 ug/ml
7) T n-Hexadecane (C16)	9.816	2530158	20.158 ug/ml
8) T n-Octadecane (C18)	11.258	2547630	19.942 ug/ml
10) T n-Eicosane (C20)	12.568	2455707	19.742 ug/ml
11) T n-Heneicosane (C21)	13.179	2437103	19.722 ug/ml
13) T n-Docosane (C22)	13.767	2435572	20.050 ug/ml
14) T n-Tetracosane (C24)	14.868	2465178	20.566 ug/ml
15) T n-Hexacosane (C26)	15.890	2402305	20.680 ug/ml
16) T n-Octacosane (C28)	16.838	2386902	21.001 ug/ml
17) T n-Tricontane (C30)	17.723	2355639	21.070 ug/ml
18) T n-Dotriacontane (C32)	18.553	2328328	20.954 ug/ml
19) T n-Tetratriacontane (C34)	19.337	2209272	20.422 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2043510	20.128 ug/ml
21) T n-Octatriacontane (C38)	20.810	2009953	19.646 ug/ml
22) T n-Tetracontane (C40)	21.727	1990124	19.637 ug/ml

(f)=RT Delta > 1/2 Window

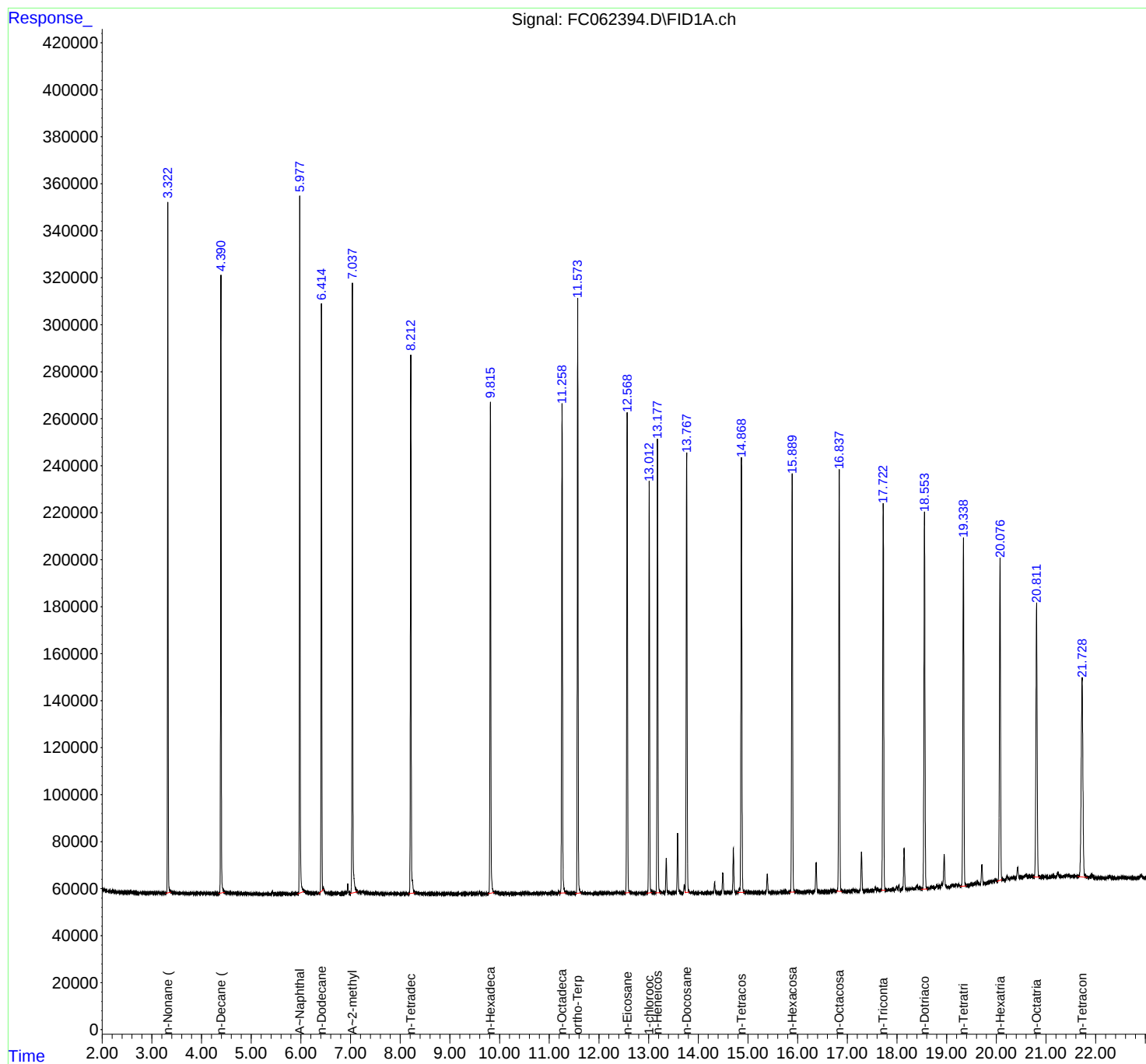
(m)=manual int.

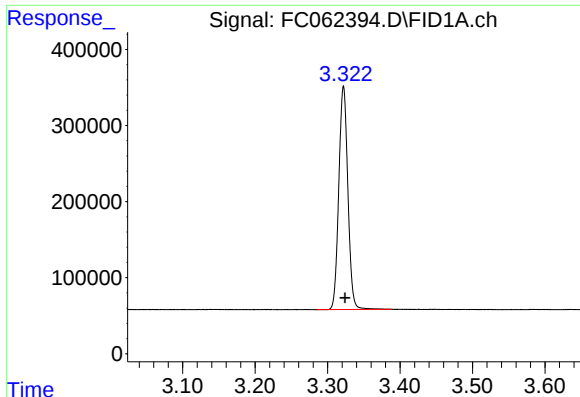
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121222AL\
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Integrator: ChemStation

Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

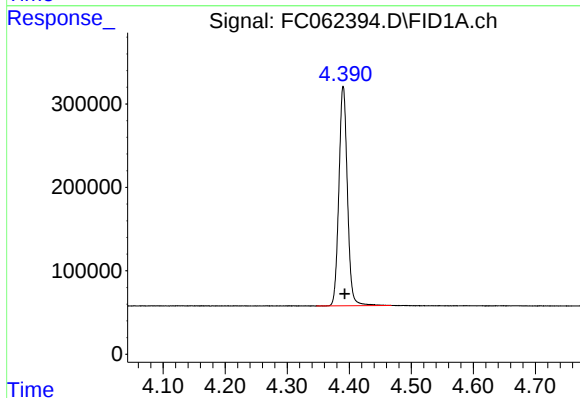




#1 n-Nonane (C9)

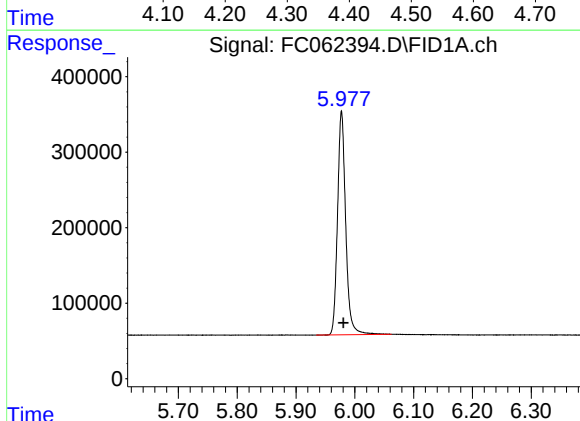
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 2551239
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



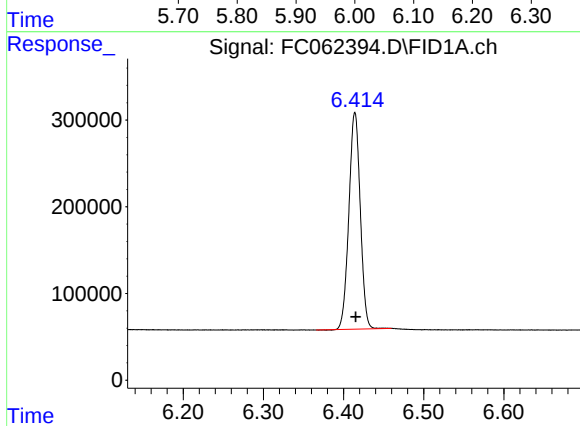
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.002 min
Response: 2506269
Conc: 20.15 ug/ml



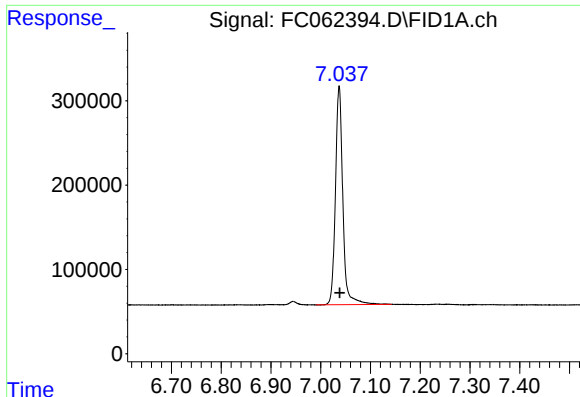
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2864219
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

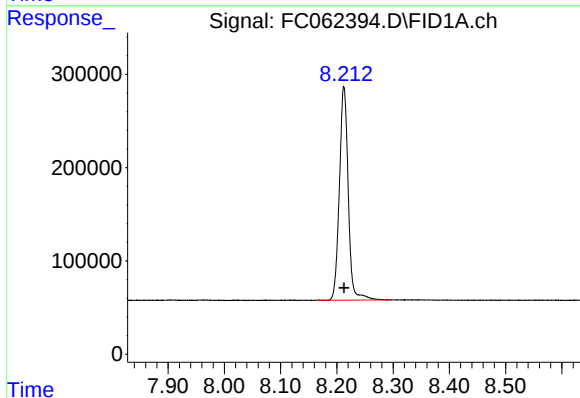
R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 2466925
Conc: 19.69 ug/ml



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

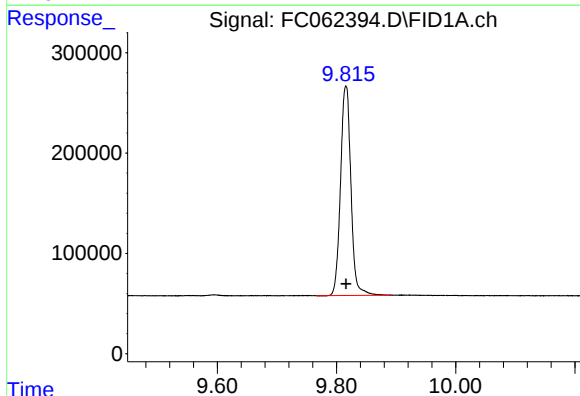
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 2681849
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



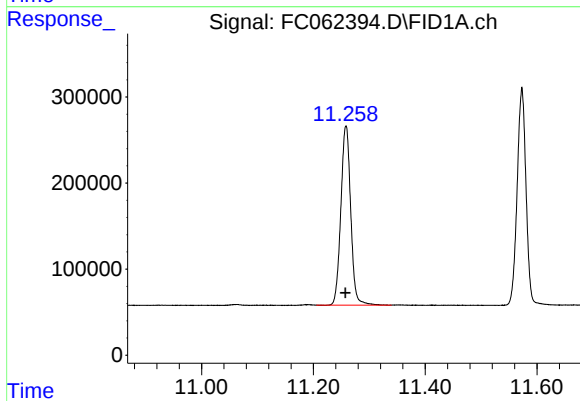
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2507176
Conc: 20.59 ug/ml



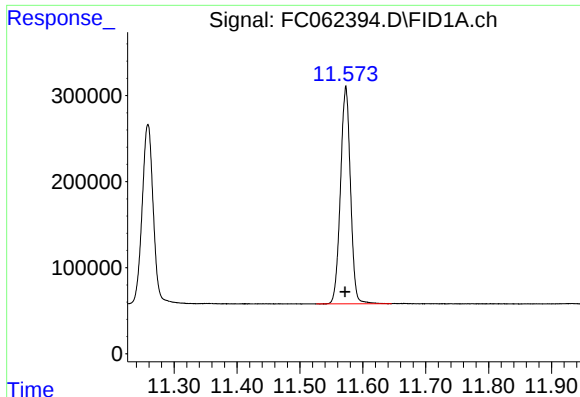
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: 0.000 min
Response: 2530158
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

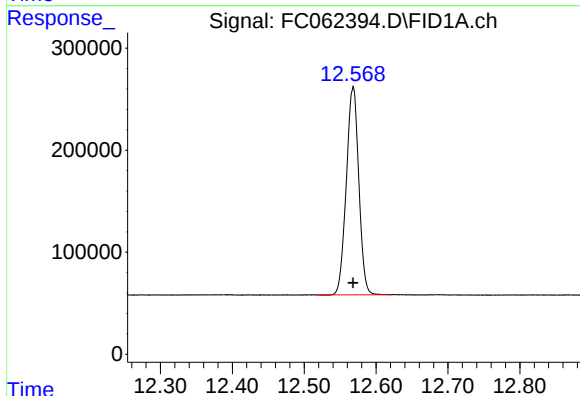
R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2547630
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

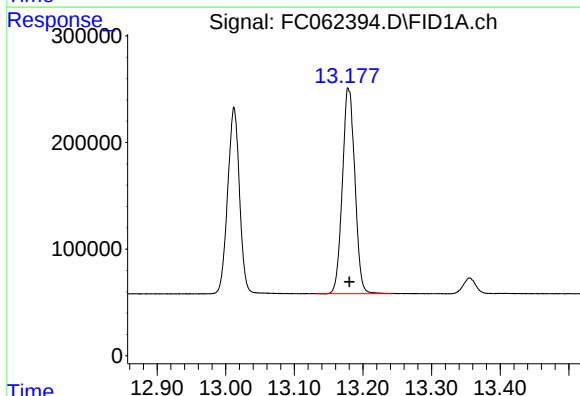
R.T.: 11.573 min
Delta R.T.: 0.002 min
Response: 2790159
Conc: 19.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



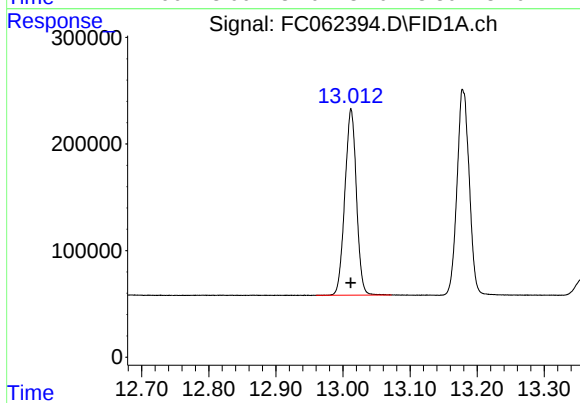
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 2455707
Conc: 19.74 ug/ml



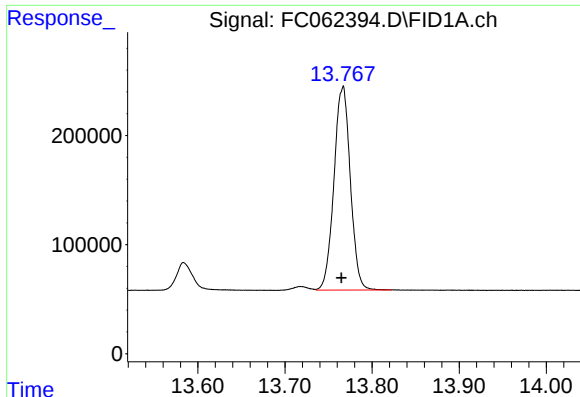
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: -0.001 min
Response: 2437103
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

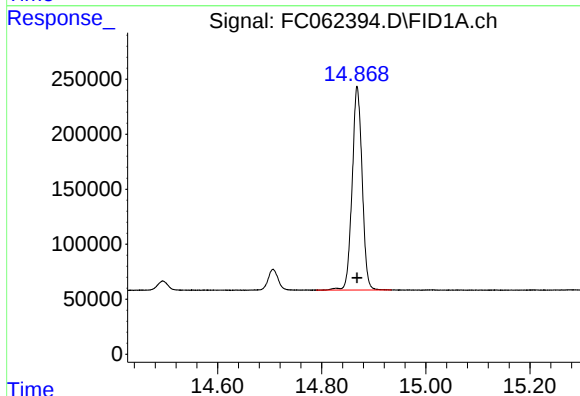
R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 2088157
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

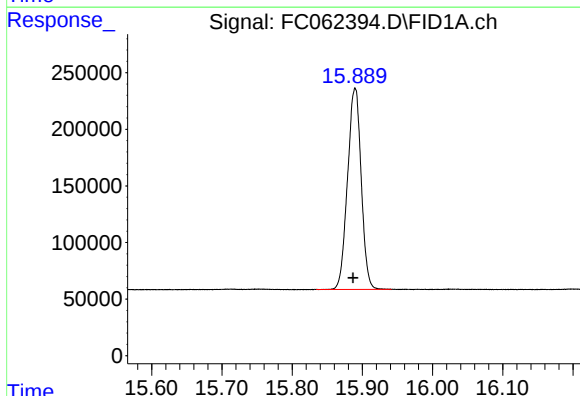
R.T.: 13.767 min
Delta R.T.: 0.001 min
Response: 2435572
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



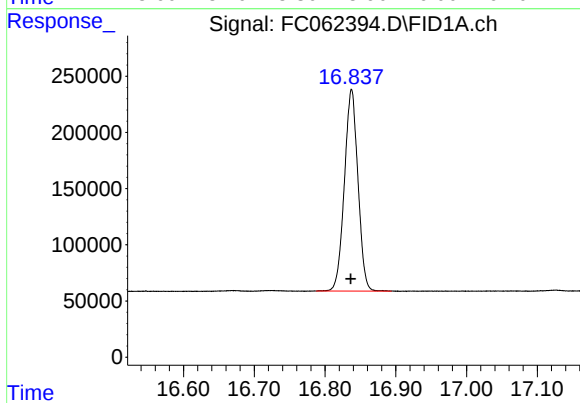
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.000 min
Response: 2465178
Conc: 20.57 ug/ml



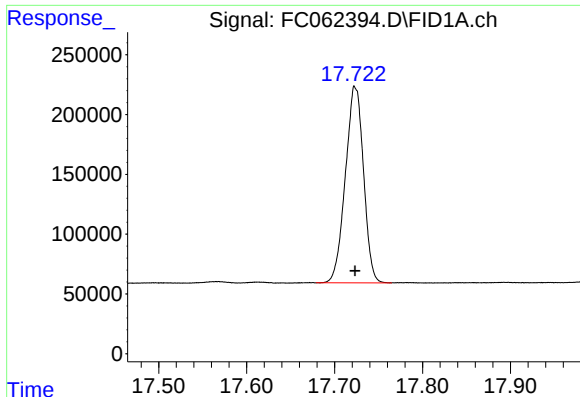
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: 0.003 min
Response: 2402305
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

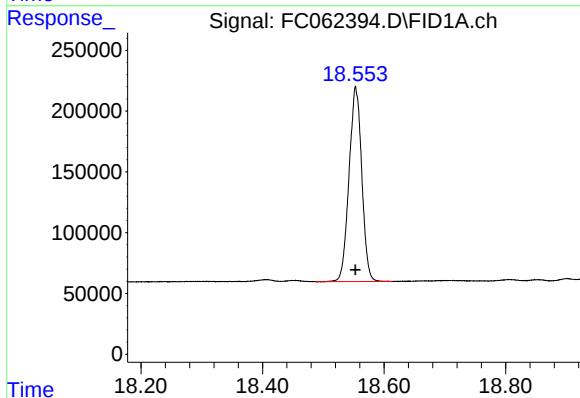
R.T.: 16.838 min
Delta R.T.: 0.001 min
Response: 2386902
Conc: 21.00 ug/ml



#17 n-Tricontane (C30)

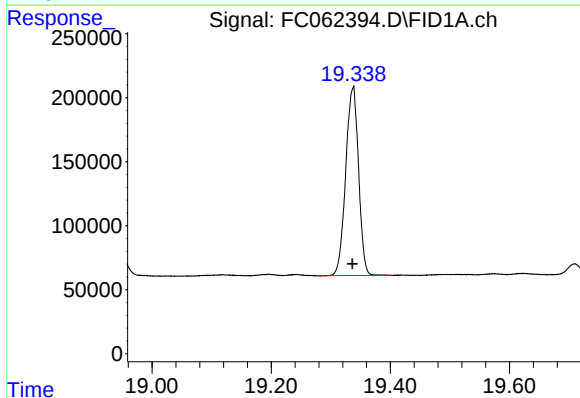
R.T.: 17.723 min
Delta R.T.: 0.000 min
Response: 2355639
Conc: 21.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



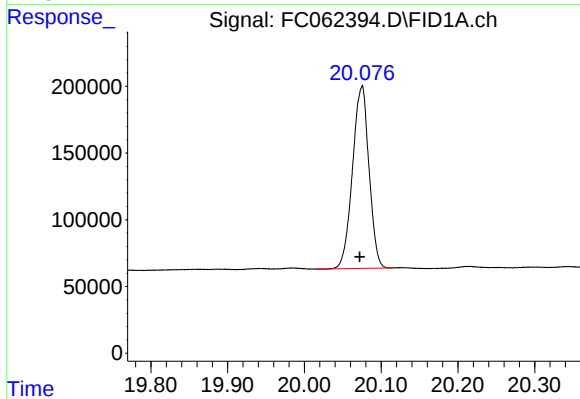
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: 0.000 min
Response: 2328328
Conc: 20.95 ug/ml



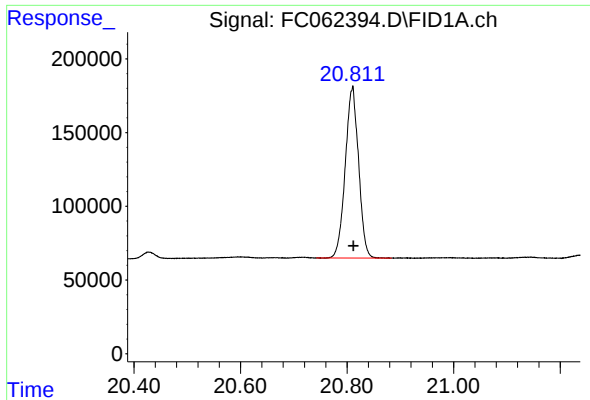
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.001 min
Response: 2209272
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

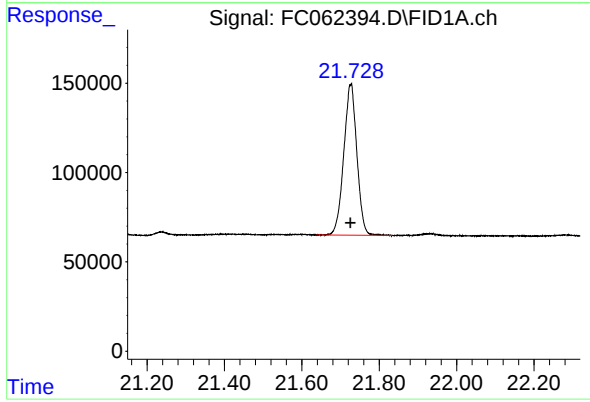
R.T.: 20.075 min
Delta R.T.: 0.003 min
Response: 2043510
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.001 min
Response: 2009953
Conc: 19.65 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: 0.002 min
Response: 1990124
Conc: 19.64 ug/ml