

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111924AL\
 Data File : FG014871.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2024 14:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 00:36:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:33:02 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)	11.945	2796616	18.952 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	13.385	2104260	18.935 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.318	2547677	18.764 ug/ml
2) T n-Decane (C10)	4.568	2593093	18.699 ug/ml
3) T A~Naphthalene (C11.7)	6.271	2753922	18.563 ug/ml
4) T n-Dodecane (C12)	6.738	2614111	18.651 ug/ml
5) T A~2-methylnaphthalene...	7.369	2643885	18.522 ug/ml
6) T n-Tetradecane (C14)	8.570	2589513	18.678 ug/ml
7) T n-Hexadecane (C16)	10.181	2655382	18.741 ug/ml
8) T n-Octadecane (C18)	11.628	2662903	18.919 ug/ml
10) T n-Eicosane (C20)	12.940	2528928	19.060 ug/ml
11) T n-Heneicosane (C21)	13.553	2473108	19.050 ug/ml
13) T n-Docosane (C22)	14.139	2439359	19.132 ug/ml
14) T n-Tetracosane (C24)	15.244	2380973	19.052 ug/ml
15) T n-Hexacosane (C26)	16.266	2287936	18.805 ug/ml
16) T n-Octacosane (C28)	17.217	2189493	18.250 ug/ml
17) T n-Tricontane (C30)	18.103	2174495	17.341 ug/ml
18) T n-Dotriacontane (C32)	18.938	2064684	16.577 ug/ml
19) T n-Tetratriacontane (C34)	19.720	1800493	16.668 ug/ml
20) T n-Hexatriacontane (C36)	20.460	1564694	16.902 ug/ml
21) T n-Octatriacontane (C38)	21.208	1481489	16.910 ug/ml
22) T n-Tetracontane (C40)	22.143	1446270	17.219 ug/ml

(f)=RT Delta > 1/2 Window

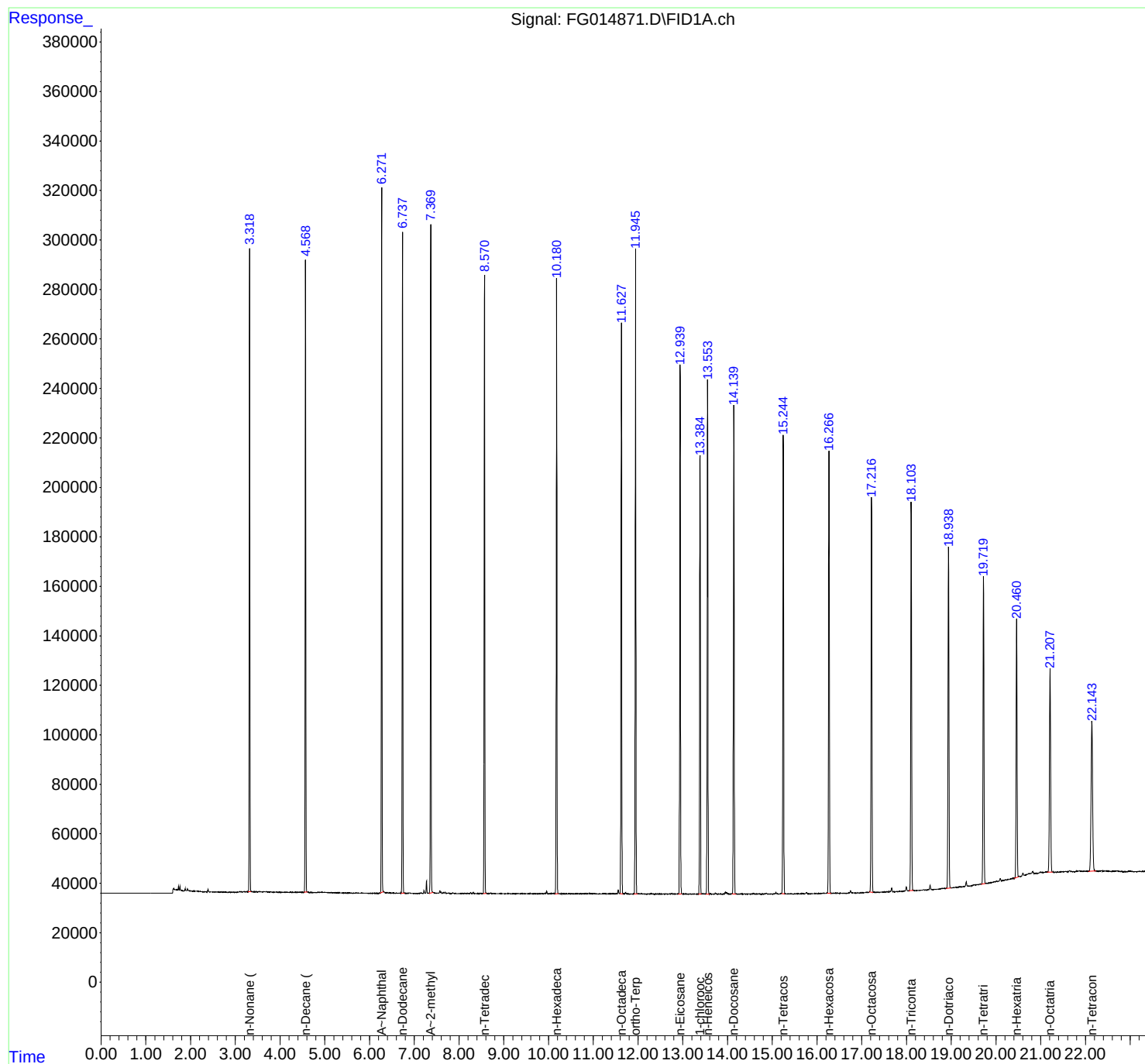
(m)=manual int.

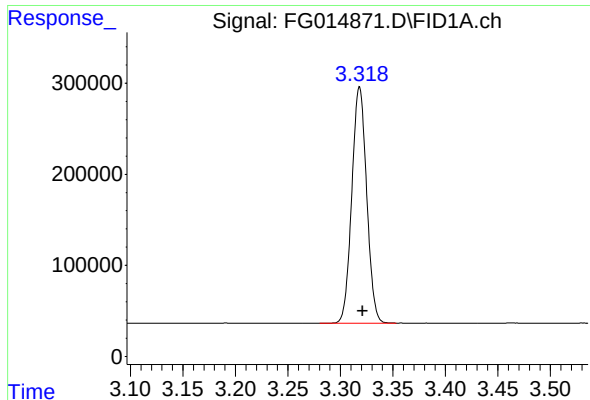
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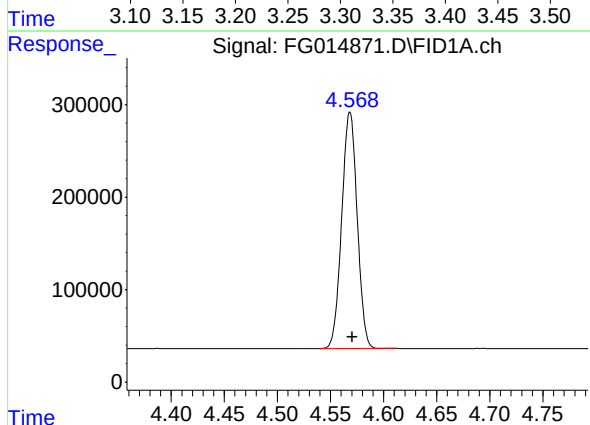




#1 n-Nonane (C9)

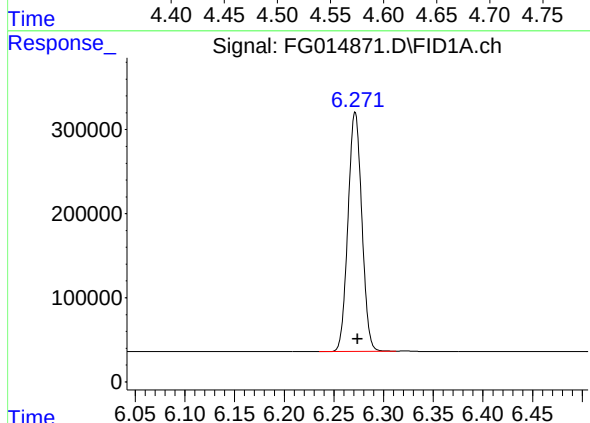
R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 2547677
Conc: 18.76 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



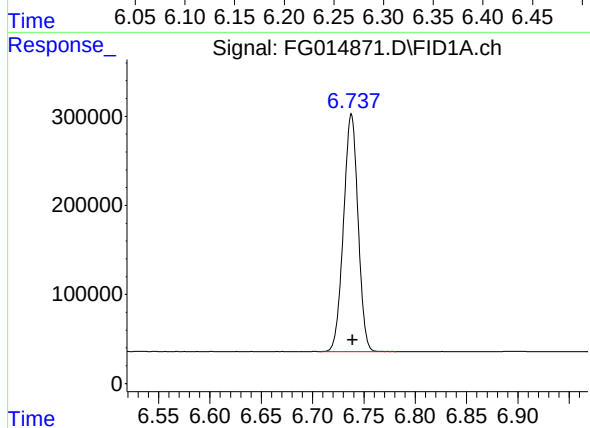
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 2593093
Conc: 18.70 ug/ml



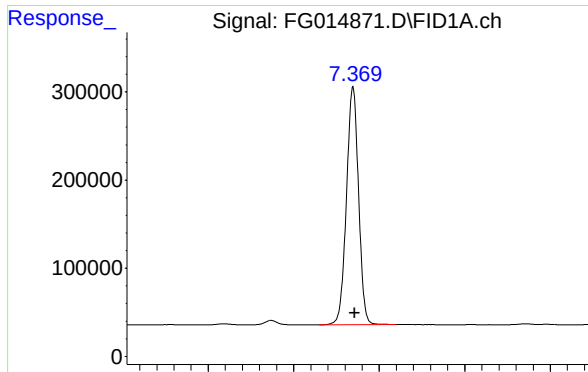
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 2753922
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

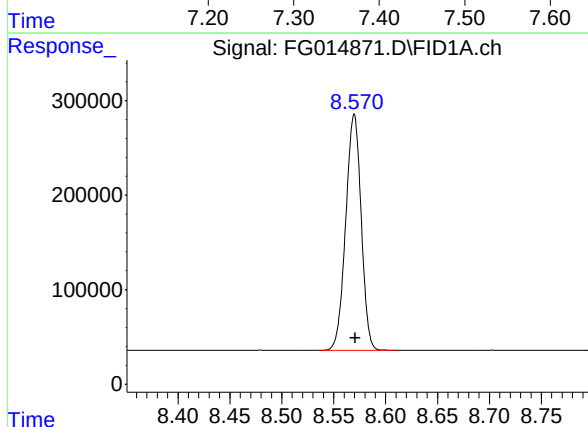
R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 2614111
Conc: 18.65 ug/ml



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

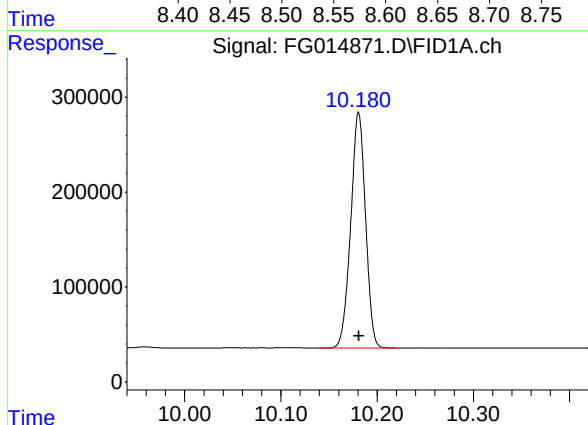
R.T.: 7.369 min
Delta R.T.: -0.002 min
Response: 2643885
Conc: 18.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



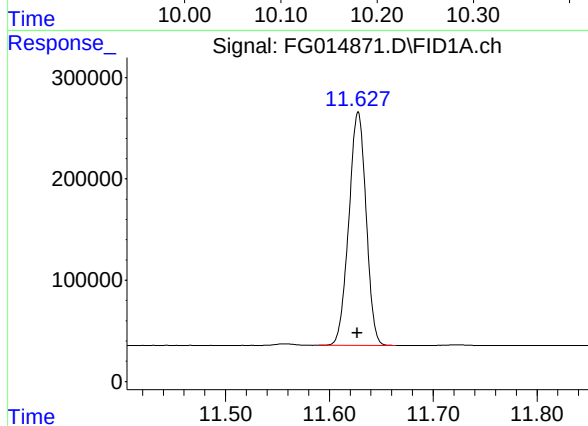
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 2589513
Conc: 18.68 ug/ml



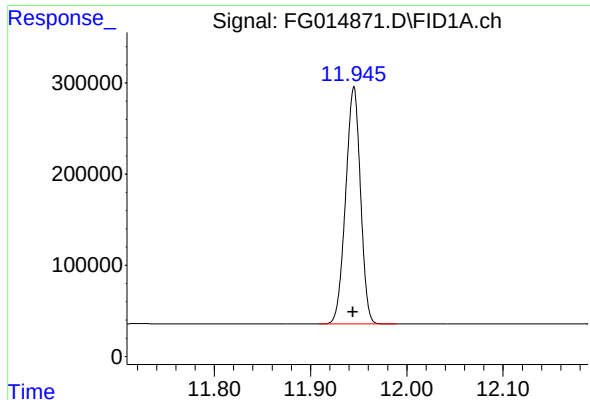
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: 0.000 min
Response: 2655382
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

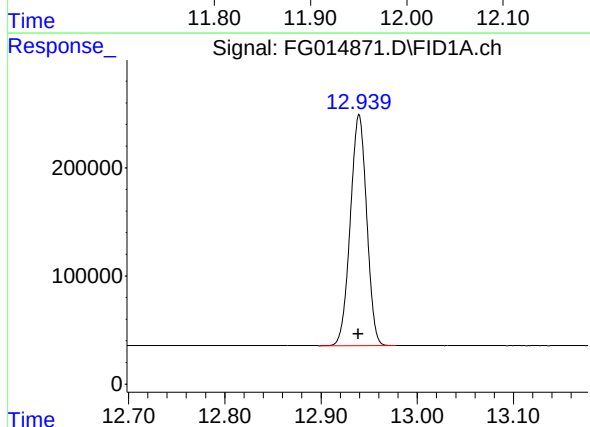
R.T.: 11.628 min
Delta R.T.: 0.001 min
Response: 2662903
Conc: 18.92 ug/ml



#9 ortho-Terphenyl (SURR)

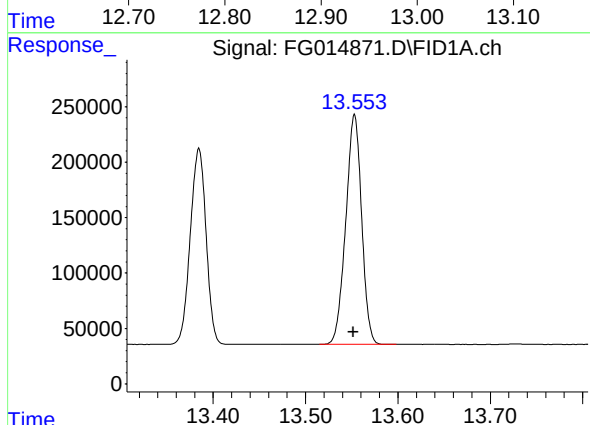
R.T.: 11.945 min
Delta R.T.: 0.001 min
Response: 2796616
Conc: 18.95 ug/ml

Instrument :
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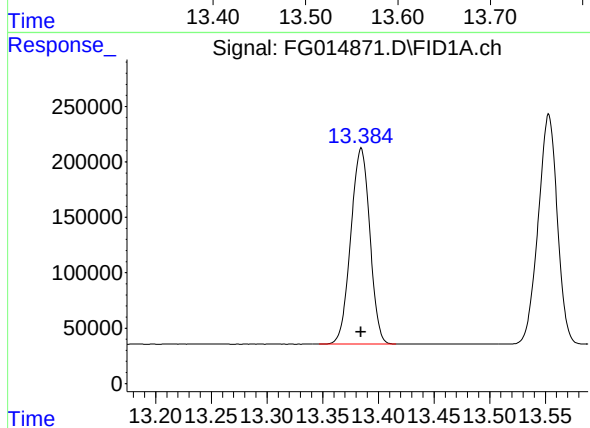
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 2528928
Conc: 19.06 ug/ml



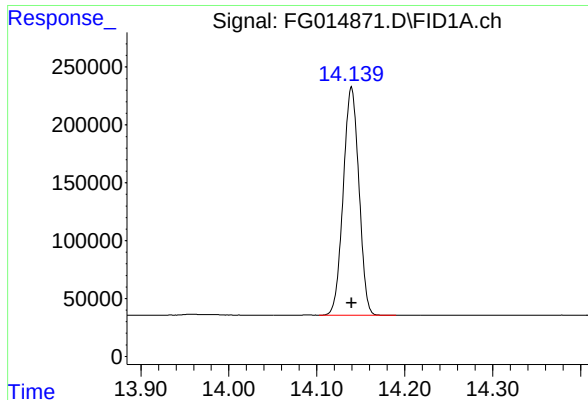
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: 0.001 min
Response: 2473108
Conc: 19.05 ug/ml



#12 1-chlorooctadecane (SURR)

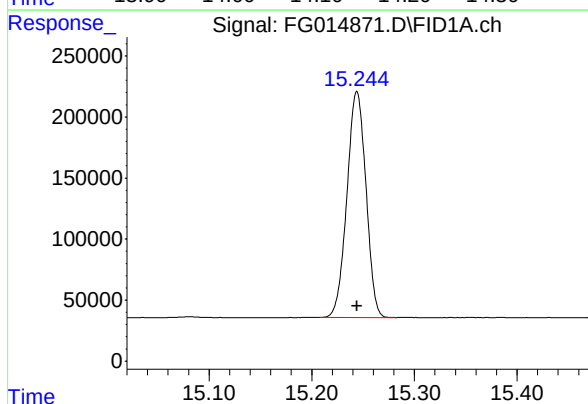
R.T.: 13.385 min
Delta R.T.: 0.000 min
Response: 2104260
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

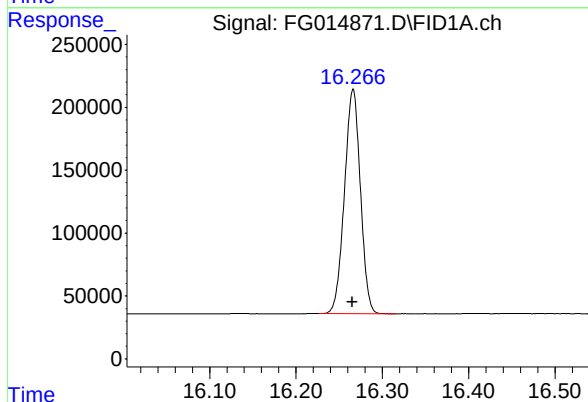
R.T.: 14.139 min
Delta R.T.: 0.000 min
Response: 2439359
Conc: 19.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



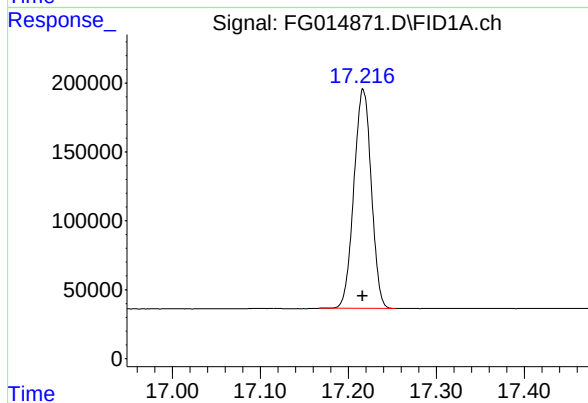
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 2380973
Conc: 19.05 ug/ml



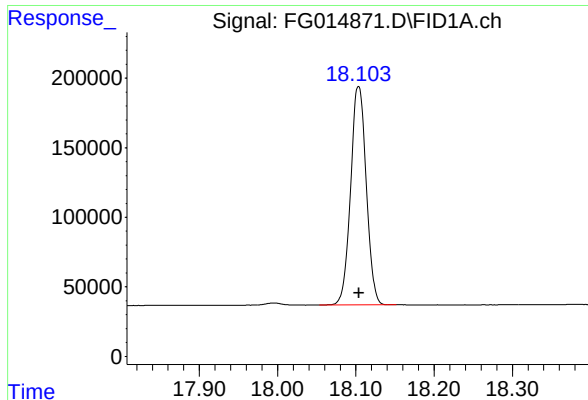
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.001 min
Response: 2287936
Conc: 18.81 ug/ml



#16 n-Octacosane (C28)

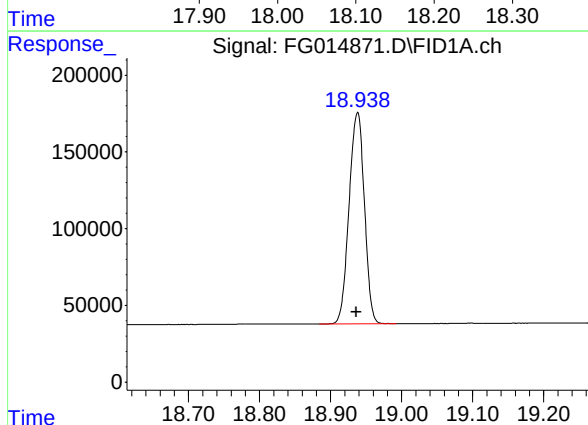
R.T.: 17.217 min
Delta R.T.: 0.000 min
Response: 2189493
Conc: 18.25 ug/ml



#17 n-Tricontane (C30)

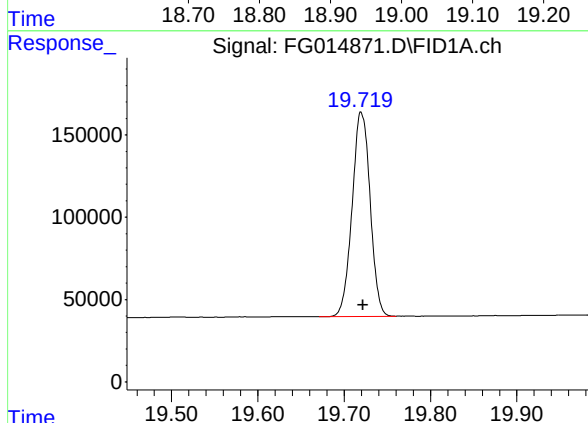
R.T.: 18.103 min
Delta R.T.: 0.000 min
Response: 2174495
Conc: 17.34 ug/ml

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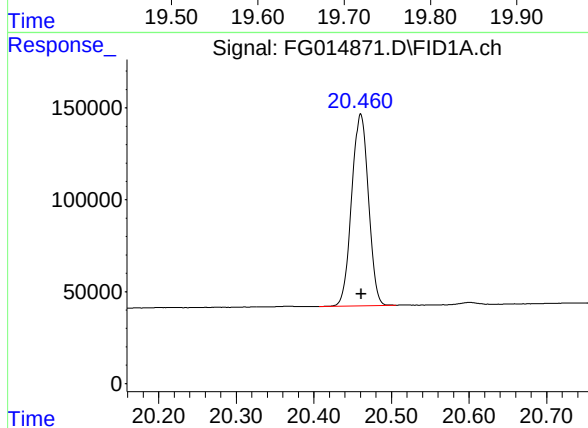
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.002 min
Response: 2064684
Conc: 16.58 ug/ml



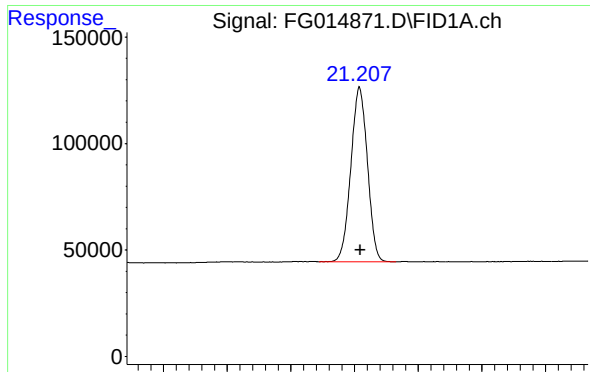
#19 n-Tetatriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.002 min
Response: 1800493
Conc: 16.67 ug/ml



#20 n-Hexatriacontane (C36)

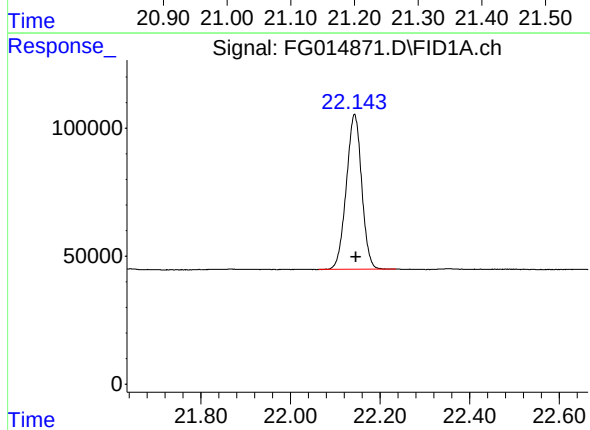
R.T.: 20.460 min
Delta R.T.: -0.001 min
Response: 1564694
Conc: 16.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.001 min
Response: 1481489
Conc: 16.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.003 min
Response: 1446270
Conc: 17.22 ug/ml