

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111924AL\
 Data File : FG014862.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2024 10:15
 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 00:35:21 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)	11.947	2814831	19.076 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	13.386	2116099	19.042 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T n-Nonane (C9)	3.318	2534674	18.669 ug/ml
2) T n-Decane (C10)	4.569	2581507	18.616 ug/ml
3) T A~Naphthalene (C11.7)	6.273	2744923	18.502 ug/ml
4) T n-Dodecane (C12)	6.739	2600045	18.551 ug/ml
5) T A~2-methylnaphthalene...	7.371	2634039	18.453 ug/ml
6) T n-Tetradecane (C14)	8.572	2575912	18.580 ug/ml
7) T n-Hexadecane (C16)	10.183	2652017	18.717 ug/ml
8) T n-Octadecane (C18)	11.629	2675111	19.006 ug/ml
10) T n-Eicosane (C20)	12.942	2554173	19.250 ug/ml
11) T n-Heneicosane (C21)	13.554	2503434	19.284 ug/ml
13) T n-Docosane (C22)	14.142	2470343	19.375 ug/ml
14) T n-Tetracosane (C24)	15.246	2422441	19.384 ug/ml
15) T n-Hexacosane (C26)	16.269	2326143	19.119 ug/ml
16) T n-Octacosane (C28)	17.219	2216249	18.473 ug/ml
17) T n-Tricontane (C30)	18.107	2188243	17.451 ug/ml
18) T n-Dotriacontane (C32)	18.939	2066996	16.596 ug/ml
19) T n-Tetratriacontane (C34)	19.724	1787778	16.550 ug/ml
20) T n-Hexatriacontane (C36)	20.465	1537026	16.603 ug/ml
21) T n-Octatriacontane (C38)	21.211	1451561	16.568 ug/ml
22) T n-Tetracontane (C40)	22.148	1389896	16.548 ug/ml

(f)=RT Delta > 1/2 Window

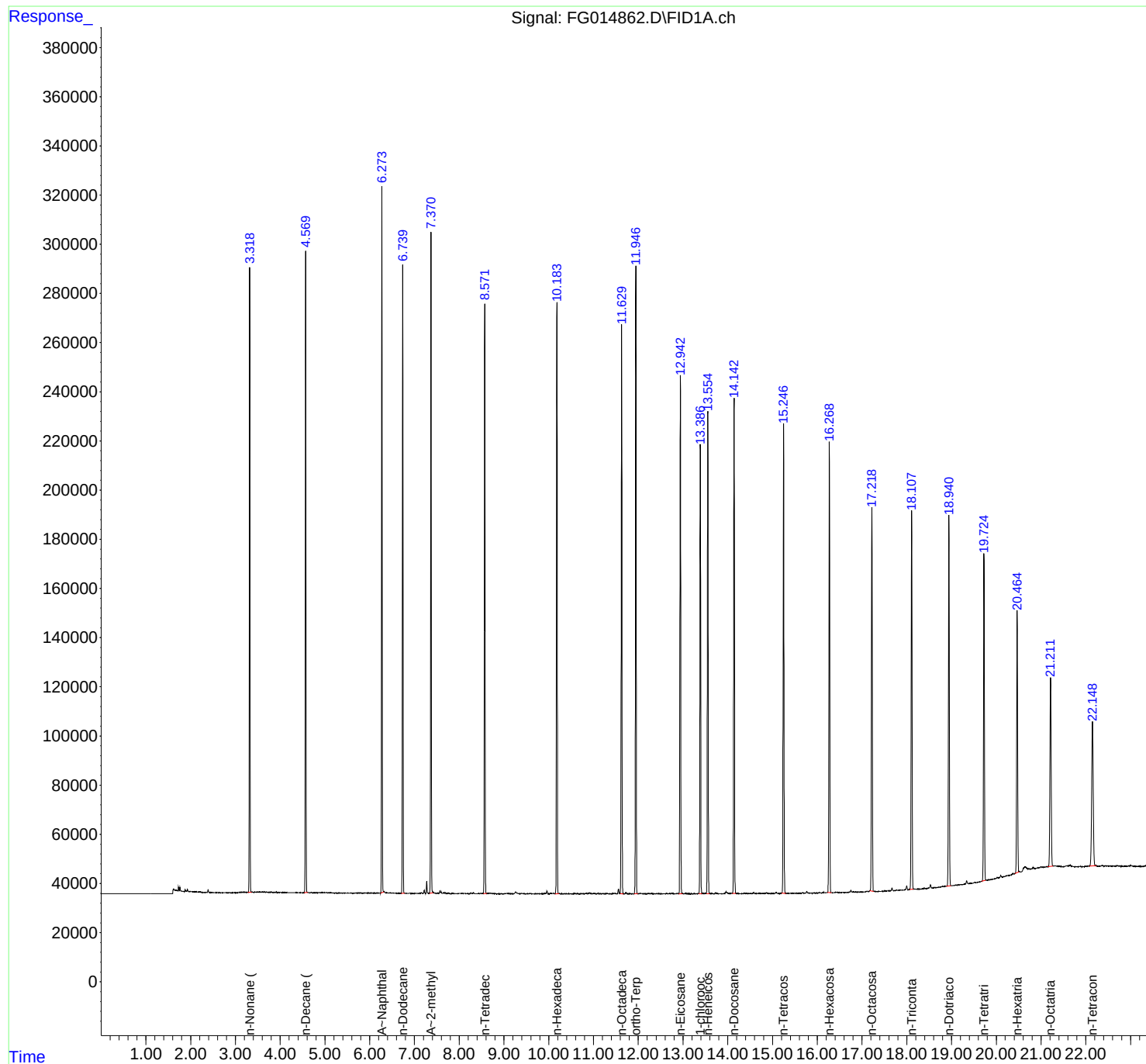
(m)=manual int.

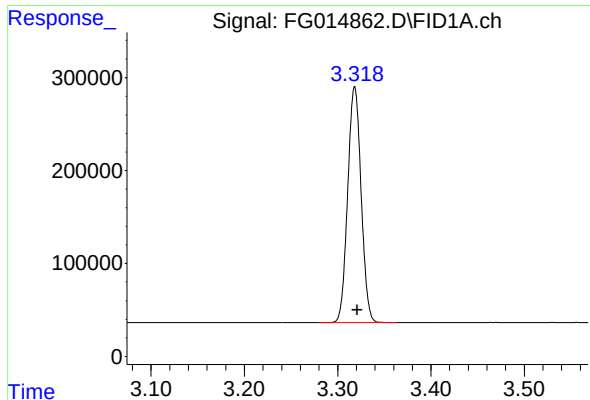
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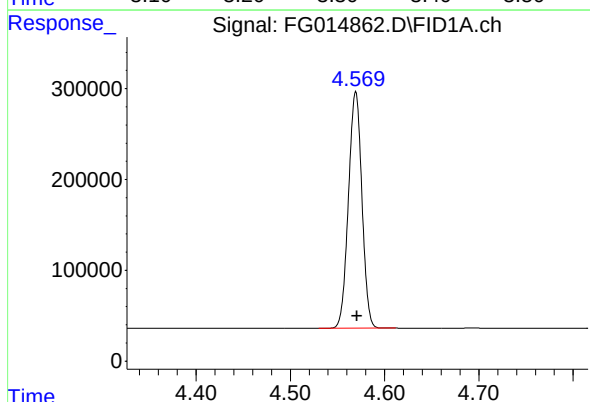




#1 n-Nonane (C9)

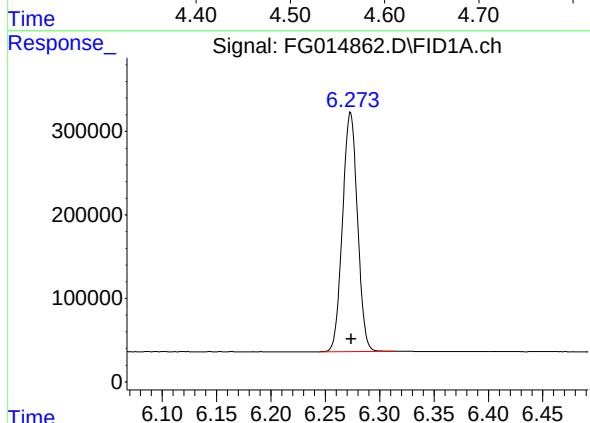
R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 2534674
Conc: 18.67 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



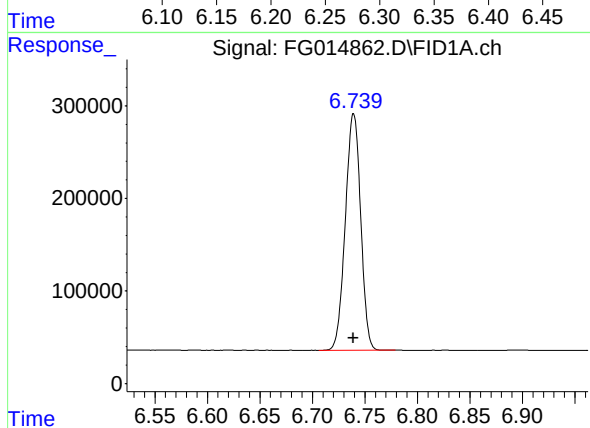
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 2581507
Conc: 18.62 ug/ml



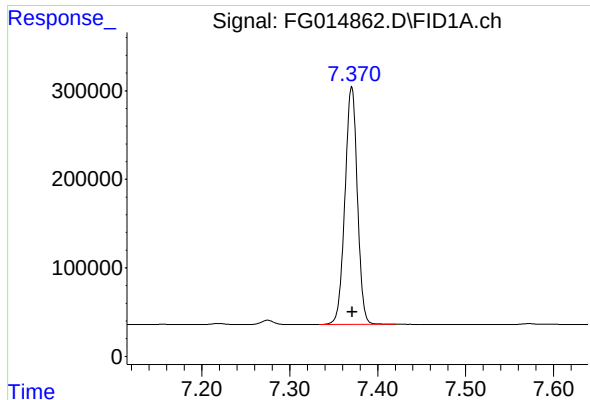
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 2744923
Conc: 18.50 ug/ml



#4 n-Dodecane (C12)

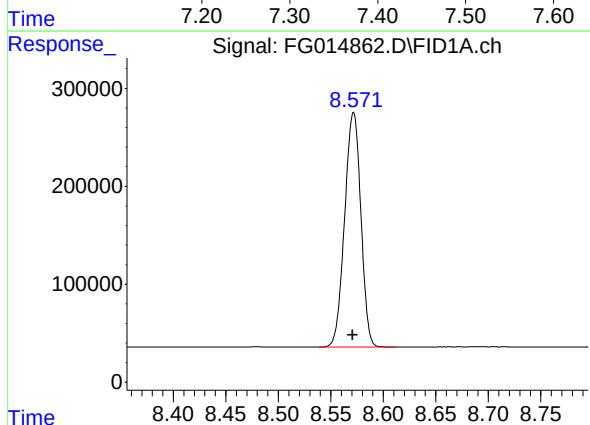
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 2600045
Conc: 18.55 ug/ml



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

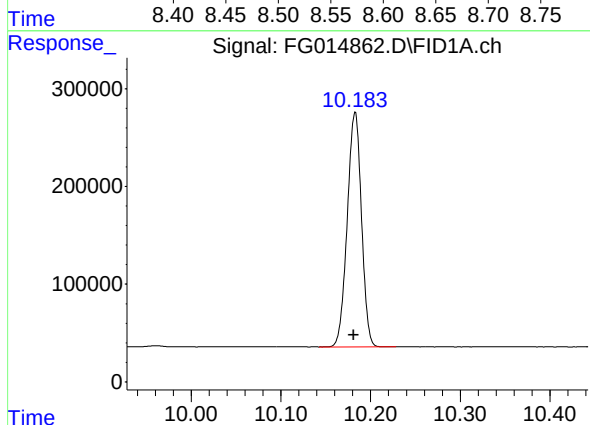
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 2634039
Conc: 18.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



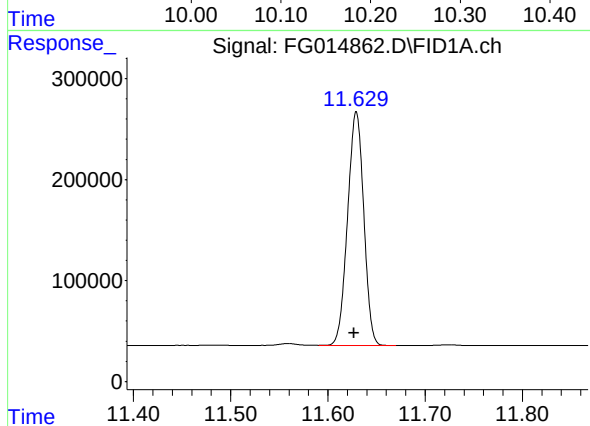
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 2575912
Conc: 18.58 ug/ml



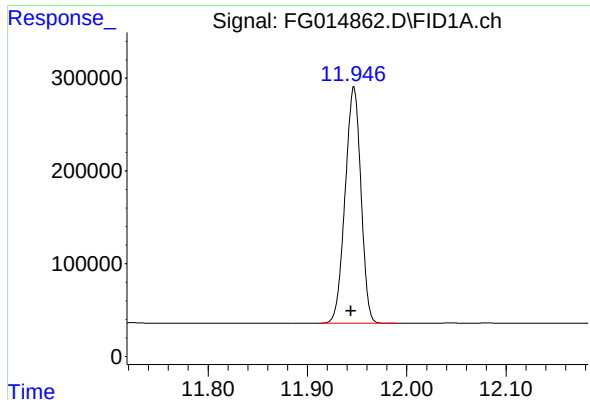
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: 0.002 min
Response: 2652017
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

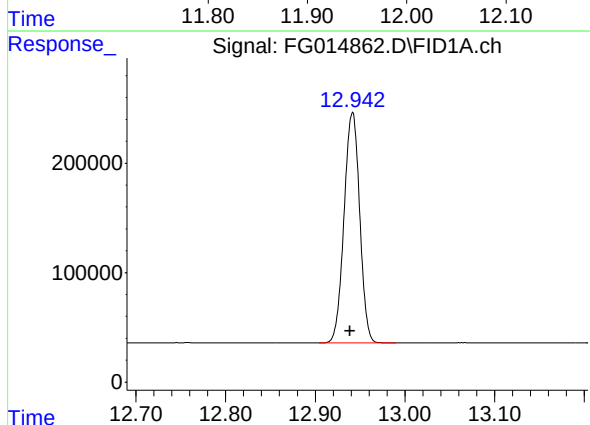
R.T.: 11.629 min
Delta R.T.: 0.002 min
Response: 2675111
Conc: 19.01 ug/ml



#9 ortho-Terphenyl (SURR)

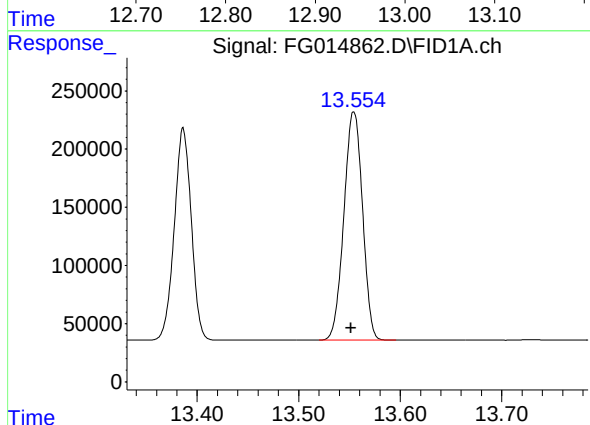
R.T.: 11.947 min
Delta R.T.: 0.003 min
Response: 2814831
Conc: 19.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



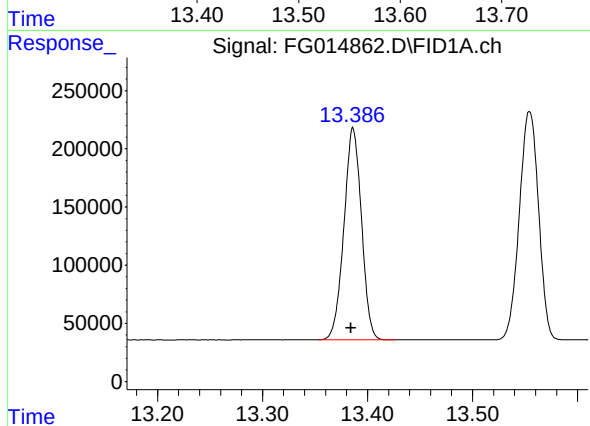
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.003 min
Response: 2554173
Conc: 19.25 ug/ml



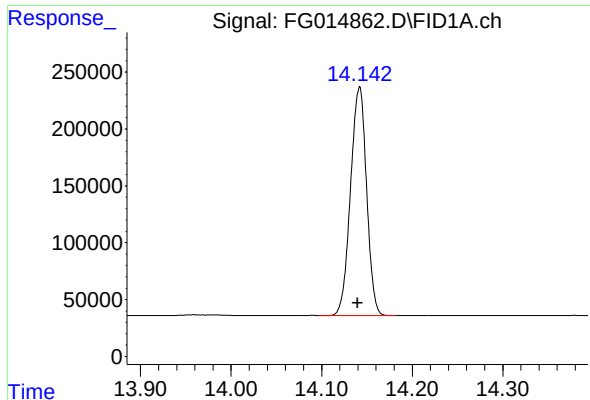
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.003 min
Response: 2503434
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

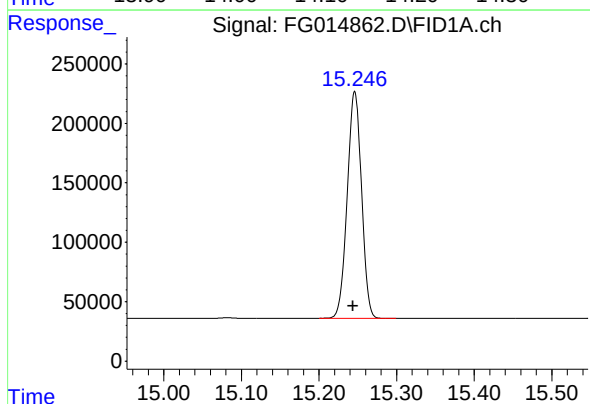
R.T.: 13.386 min
Delta R.T.: 0.002 min
Response: 2116099
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

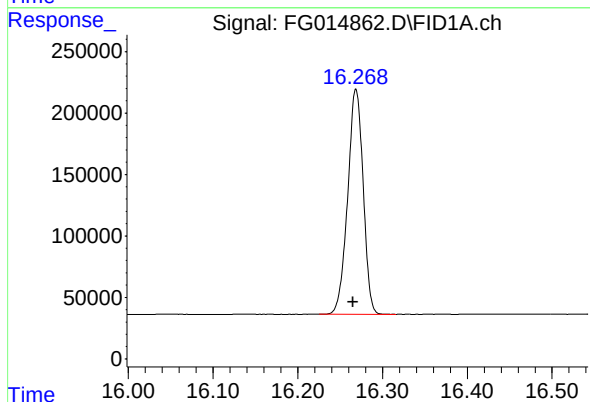
R.T.: 14.142 min
Delta R.T.: 0.002 min
Response: 2470343
Conc: 19.37 ug/ml

Instrument :
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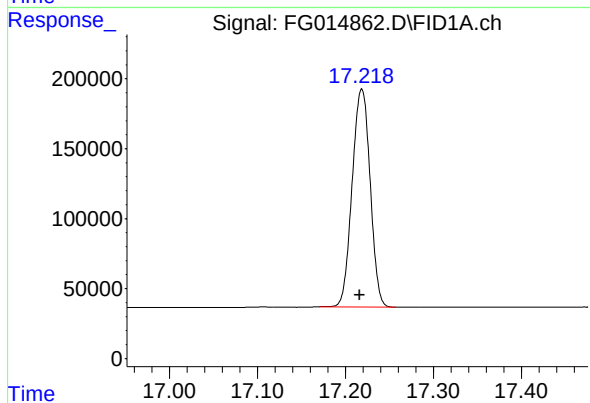
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.002 min
Response: 2422441
Conc: 19.38 ug/ml



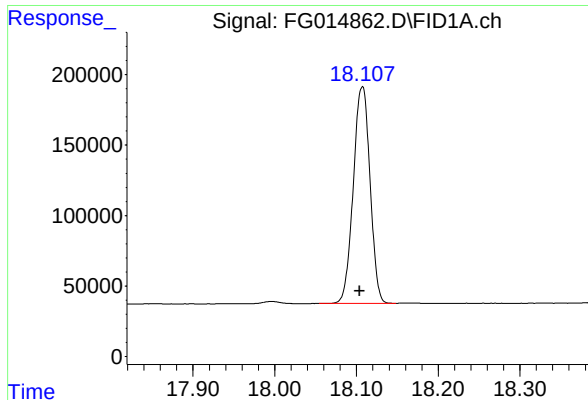
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.003 min
Response: 2326143
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

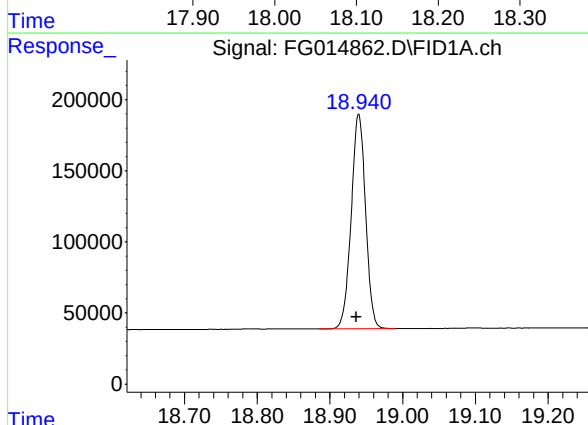
R.T.: 17.219 min
Delta R.T.: 0.002 min
Response: 2216249
Conc: 18.47 ug/ml



#17 n-Tricontane (C30)

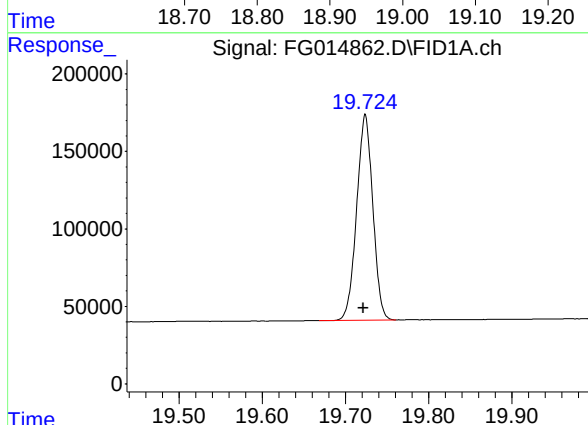
R.T.: 18.107 min
Delta R.T.: 0.003 min
Response: 2188243
Conc: 17.45 ug/ml

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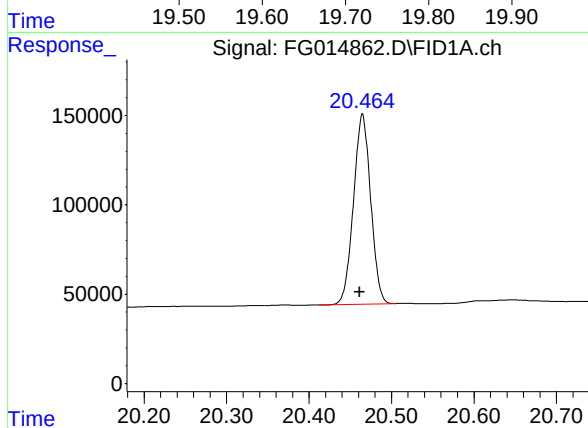
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.003 min
Response: 2066996
Conc: 16.60 ug/ml



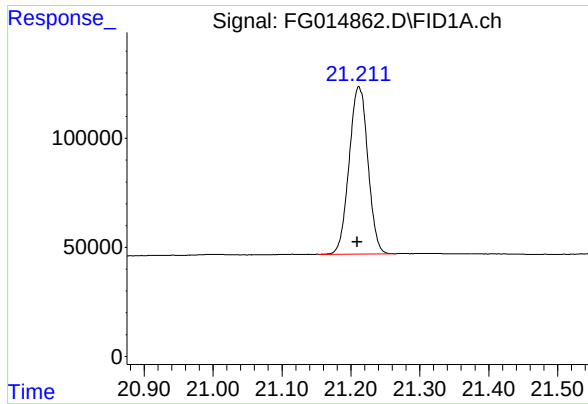
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.002 min
Response: 1787778
Conc: 16.55 ug/ml



#20 n-Hexatriacontane (C36)

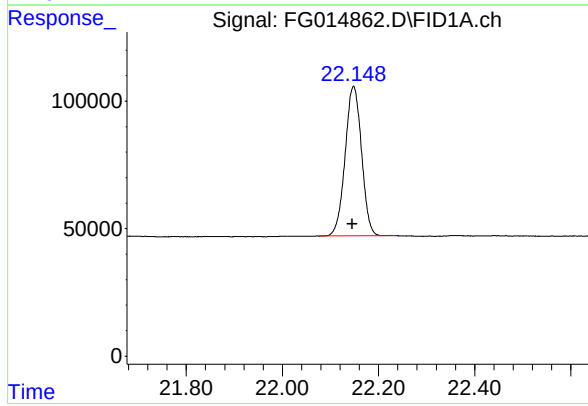
R.T.: 20.465 min
Delta R.T.: 0.003 min
Response: 1537026
Conc: 16.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: 0.002 min
Response: 1451561
Conc: 16.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.002 min
Response: 1389896
Conc: 16.55 ug/ml