

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111124AL\
 Data File : FG014727.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 12:15
 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 11 20:49:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 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)	11.949	2883297	18.812 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	13.388	2170589	17.677 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
Target Compounds			
1) T n-Nonane (C9)	3.323	2599640	20.088 ug/ml
2) T n-Decane (C10)	4.574	2648030	20.096 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2836335	19.772 ug/ml
4) T n-Dodecane (C12)	6.743	2671854	20.113 ug/ml
5) T A~2-methylnaphthalene...	7.375	2726805	19.546 ug/ml
6) T n-Tetradecane (C14)	8.575	2648251	19.960 ug/ml
7) T n-Hexadecane (C16)	10.186	2721095	19.581 ug/ml
8) T n-Octadecane (C18)	11.632	2733148	19.092 ug/ml
10) T n-Eicosane (C20)	12.944	2602171	18.504 ug/ml
11) T n-Heneicosane (C21)	13.557	2544912	18.182 ug/ml
13) T n-Docosane (C22)	14.144	2512099	17.858 ug/ml
14) T n-Tetracosane (C24)	15.248	2455713	17.258 ug/ml
15) T n-Hexacosane (C26)	16.271	2353550	16.674 ug/ml
16) T n-Octacosane (C28)	17.222	2246161	16.252 ug/ml
17) T n-Tricontane (C30)	18.110	2221599	16.029 ug/ml
18) T n-Dotriacontane (C32)	18.943	2097341	16.019 ug/ml
19) T n-Tetratriacontane (C34)	19.726	1825951	16.314 ug/ml
20) T n-Hexatriacontane (C36)	20.466	1568764	16.855 ug/ml
21) T n-Octatriacontane (C38)	21.215	1463549	17.517 ug/ml
22) T n-Tetracontane (C40)	22.153	1363175	17.926 ug/ml

(f)=RT Delta > 1/2 Window

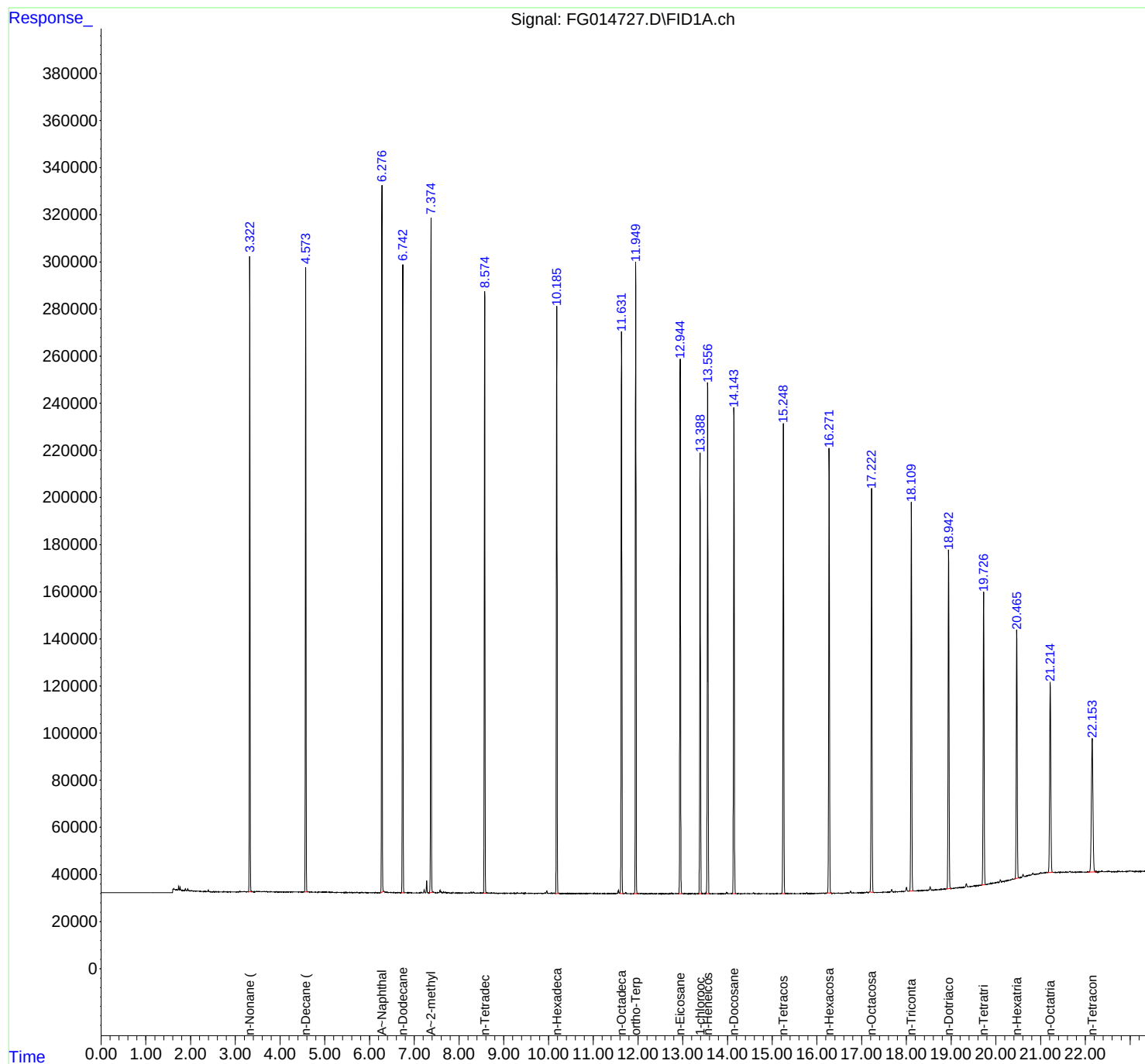
(m)=manual int.

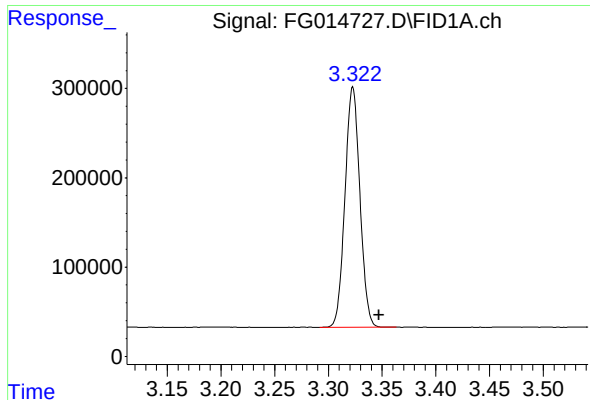
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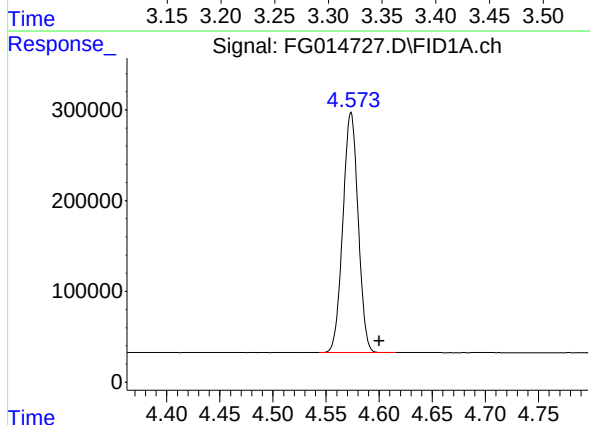




#1 n-Nonane (C9)

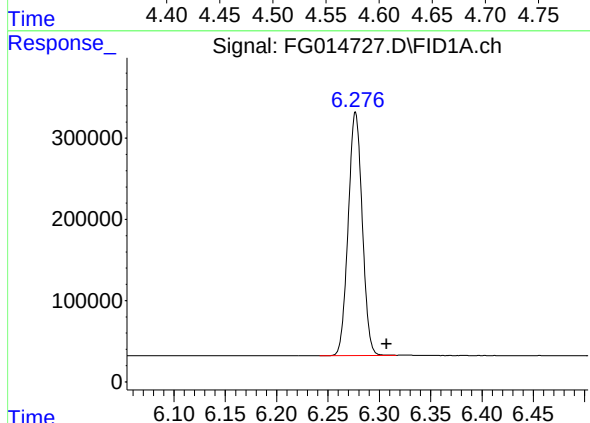
R.T.: 3.323 min
Delta R.T.: -0.024 min
Response: 2599640
Conc: 20.09 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



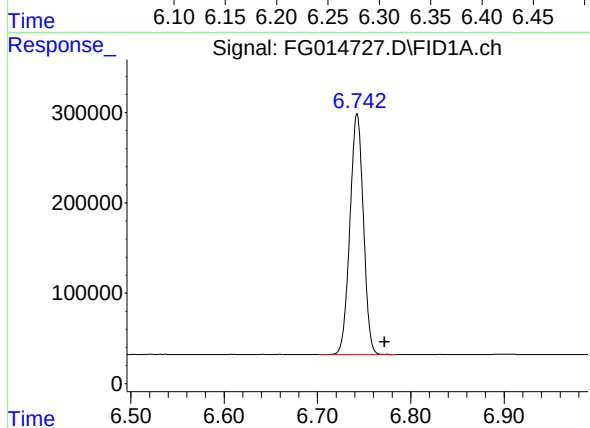
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.027 min
Response: 2648030
Conc: 20.10 ug/ml



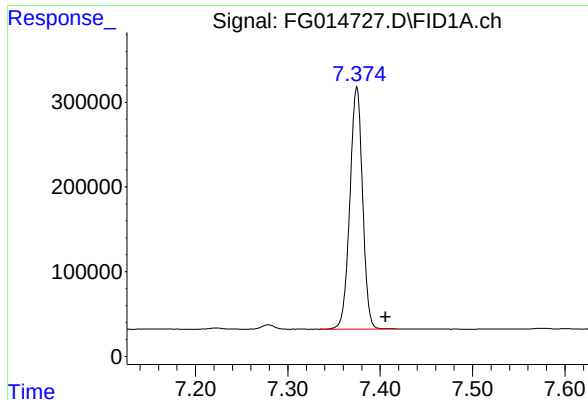
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.030 min
Response: 2836335
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

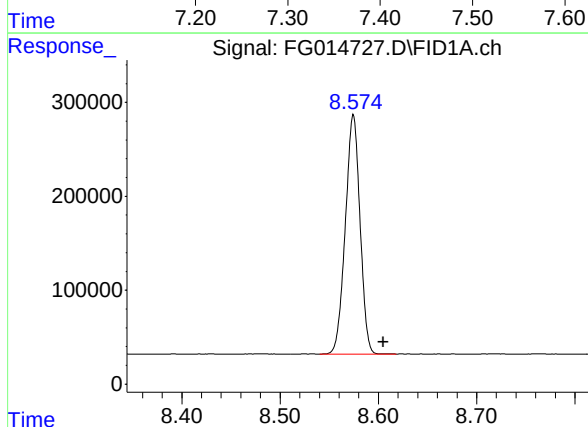
R.T.: 6.743 min
Delta R.T.: -0.029 min
Response: 2671854
Conc: 20.11 ug/ml



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

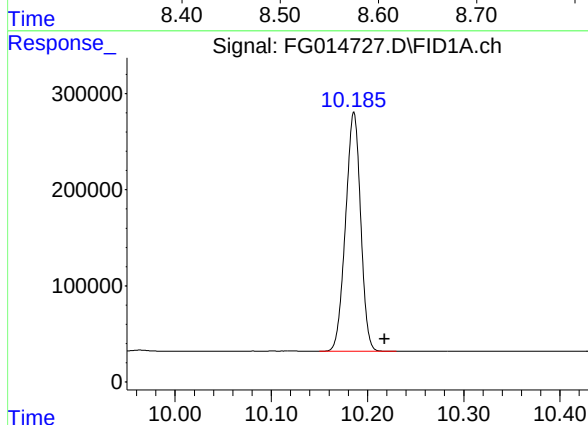
R.T.: 7.375 min
Delta R.T.: -0.031 min
Response: 2726805
Conc: 19.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



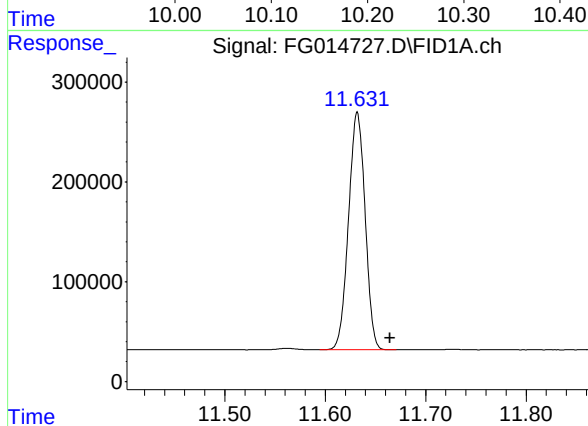
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.031 min
Response: 2648251
Conc: 19.96 ug/ml



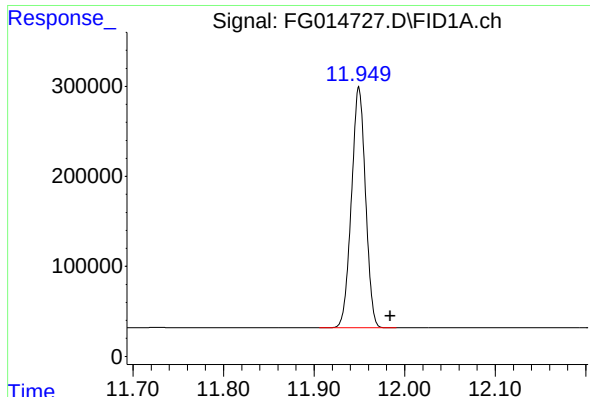
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.032 min
Response: 2721095
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

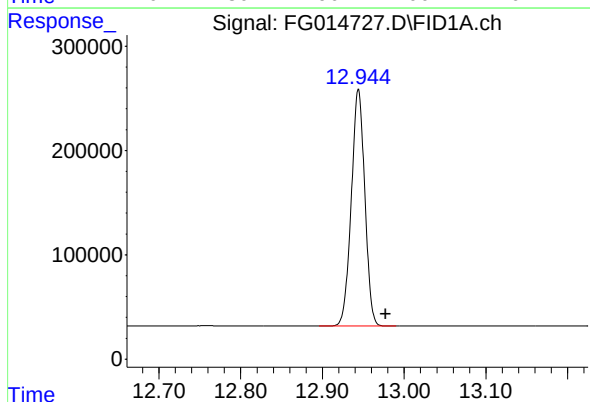
R.T.: 11.632 min
Delta R.T.: -0.033 min
Response: 2733148
Conc: 19.09 ug/ml



#9 ortho-Terphenyl (SURR)

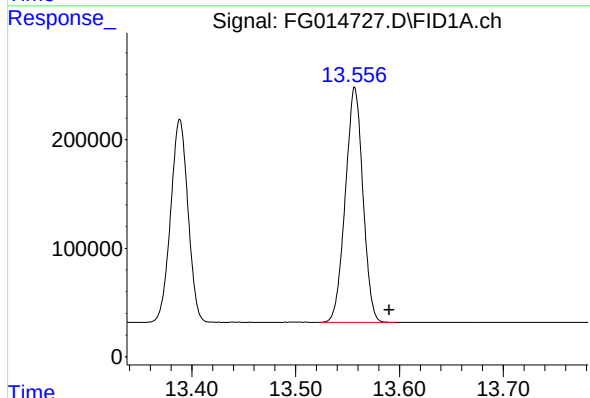
R.T.: 11.949 min
Delta R.T.: -0.035 min
Response: 2883297
Conc: 18.81 ug/ml

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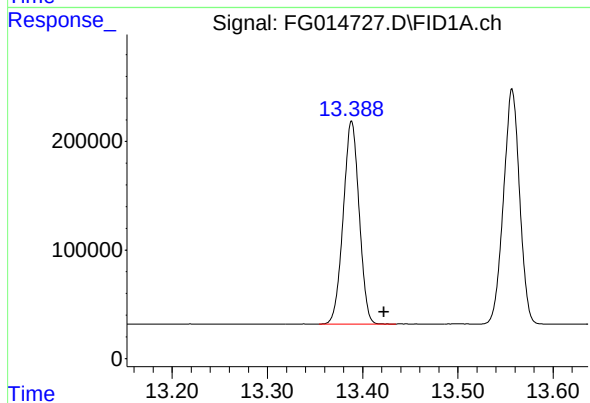
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.033 min
Response: 2602171
Conc: 18.50 ug/ml



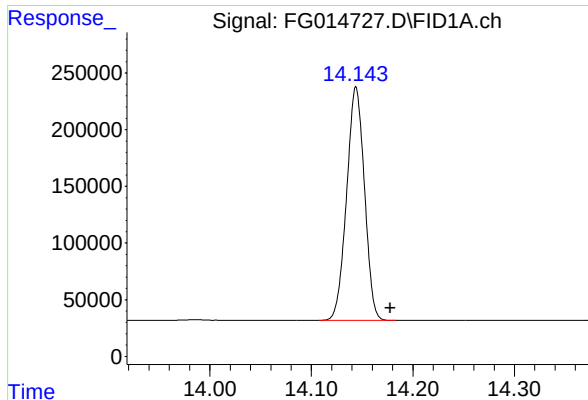
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.033 min
Response: 2544912
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

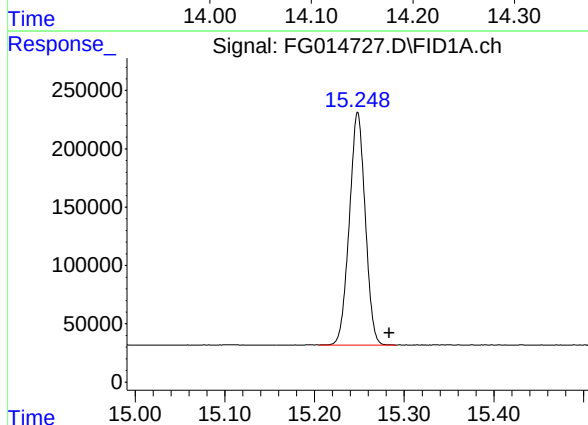
R.T.: 13.388 min
Delta R.T.: -0.034 min
Response: 2170589
Conc: 17.68 ug/ml



#13 n-Docosane (C22)

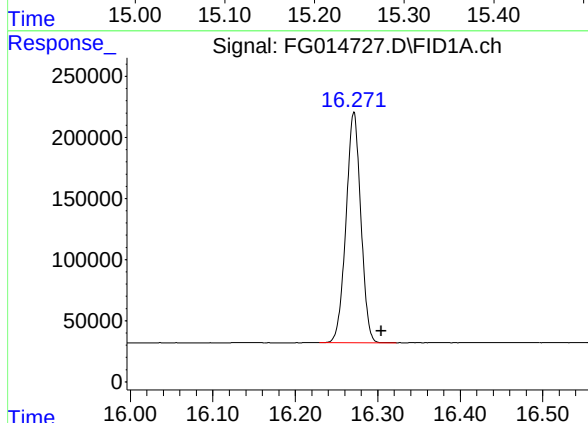
R.T.: 14.144 min
Delta R.T.: -0.034 min
Response: 2512099
Conc: 17.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



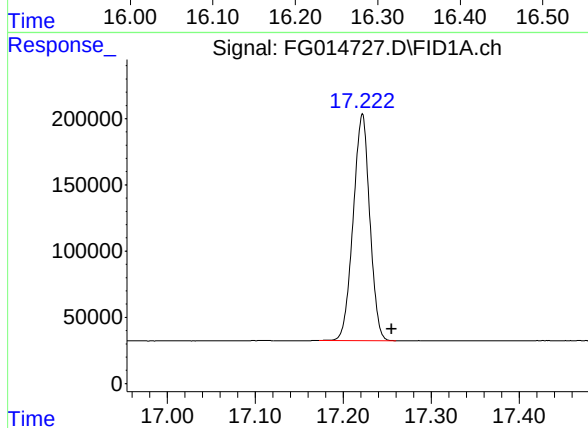
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.035 min
Response: 2455713
Conc: 17.26 ug/ml



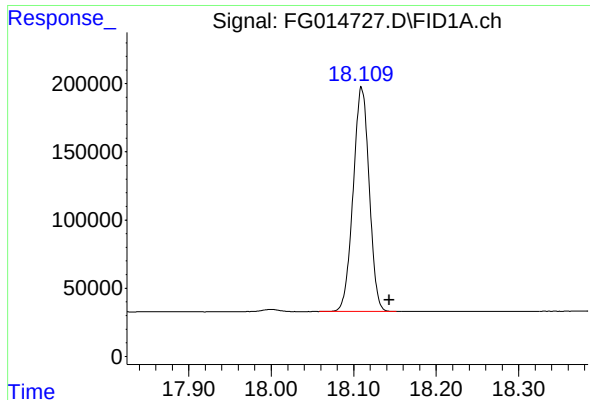
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.033 min
Response: 2353550
Conc: 16.67 ug/ml



#16 n-Octacosane (C28)

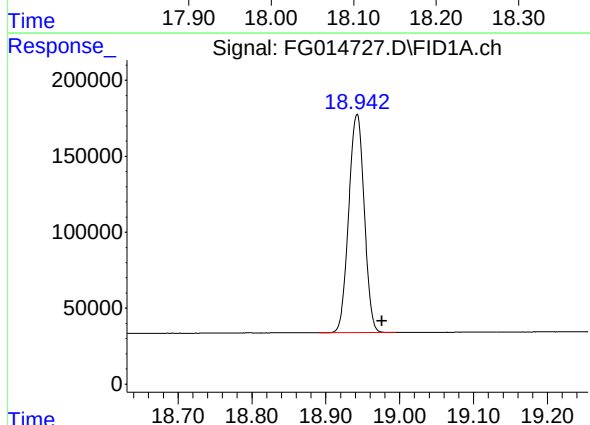
R.T.: 17.222 min
Delta R.T.: -0.033 min
Response: 2246161
Conc: 16.25 ug/ml



#17 n-Tricontane (C30)

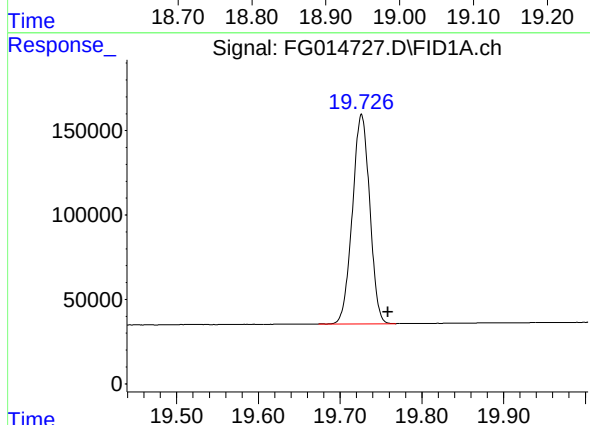
R.T.: 18.110 min
Delta R.T.: -0.034 min
Response: 2221599
Conc: 16.03 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



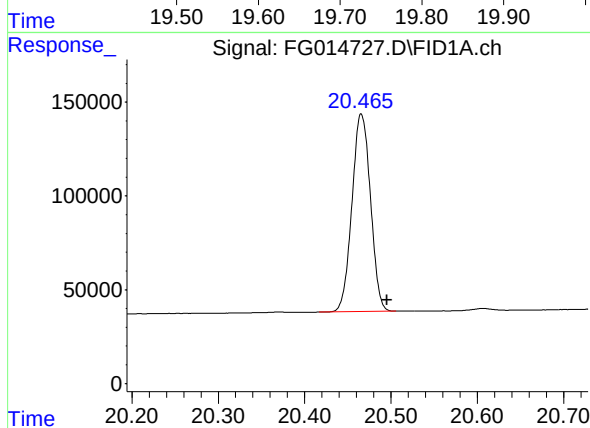
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.034 min
Response: 2097341
Conc: 16.02 ug/ml



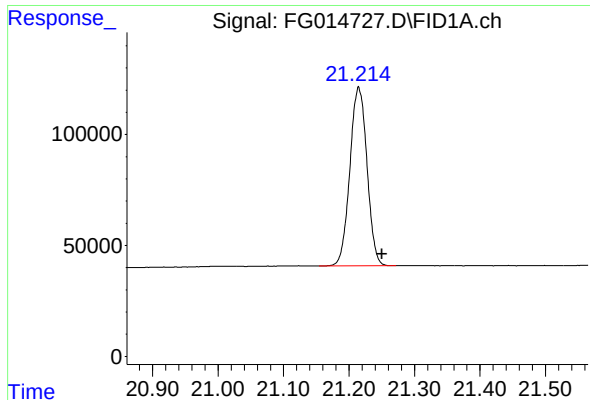
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.032 min
Response: 1825951
Conc: 16.31 ug/ml



#20 n-Hexatriacontane (C36)

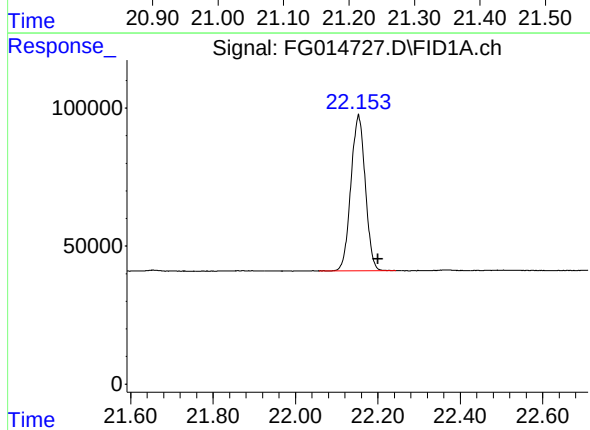
R.T.: 20.466 min
Delta R.T.: -0.030 min
Response: 1568764
Conc: 16.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: -0.036 min
Response: 1463549
Conc: 17.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: -0.048 min
Response: 1363175
Conc: 17.93 ug/ml