

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG013025AL\
 Data File : FG015231.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jan 2025 00:03
 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: Jan 30 04:32:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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)	11.935	2951107	18.876 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	13.381	2297122	18.866 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	3.279	2444841	18.831 ug/ml
2) T n-Decane (C10)	4.538	2503953	18.842 ug/ml
3) T A~Naphthalene (C11.7)	6.248	2738057	18.749 ug/ml
4) T n-Dodecane (C12)	6.718	2563246	18.856 ug/ml
5) T A~2-methylnaphthalene...	7.349	2680956	18.780 ug/ml
6) T n-Tetradecane (C14)	8.556	2583662	18.787 ug/ml
7) T n-Hexadecane (C16)	10.170	2713963	18.730 ug/ml
8) T n-Octadecane (C18)	11.620	2777968	18.691 ug/ml
10) T n-Eicosane (C20)	12.935	2697120	18.791 ug/ml
11) T n-Heneicosane (C21)	13.550	2660517	18.816 ug/ml
13) T n-Docosane (C22)	14.138	2659900	18.918 ug/ml
14) T n-Tetracosane (C24)	15.246	2644231	18.998 ug/ml
15) T n-Hexacosane (C26)	16.271	2604637	19.230 ug/ml
16) T n-Octacosane (C28)	17.224	2599523	19.754 ug/ml
17) T n-Tricontane (C30)	18.114	2729966	20.579 ug/ml
18) T n-Dotriacontane (C32)	18.948	2638336	20.919 ug/ml
19) T n-Tetratriacontane (C34)	19.734	2262340	20.778 ug/ml
20) T n-Hexatriacontane (C36)	20.476	1900019	20.351 ug/ml
21) T n-Octatriacontane (C38)	21.224	1737204	19.796 ug/ml
22) T n-Tetracontane (C40)	22.162	1602028	18.900 ug/ml

(f)=RT Delta > 1/2 Window

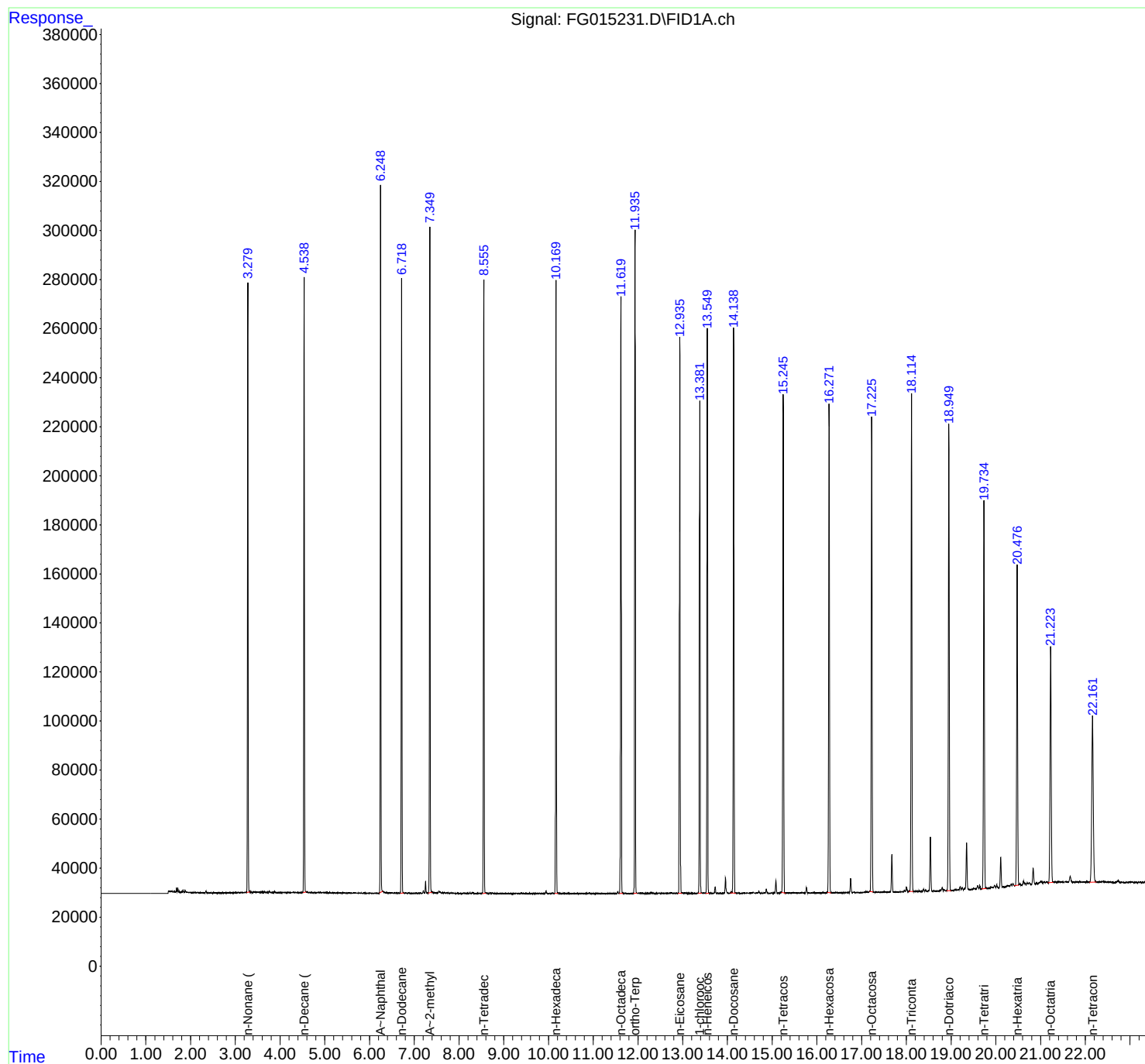
(m)=manual int.

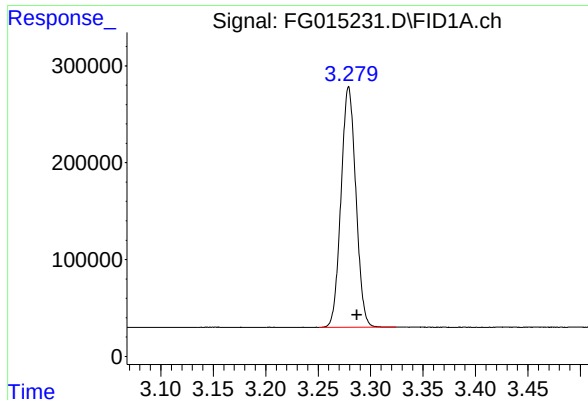
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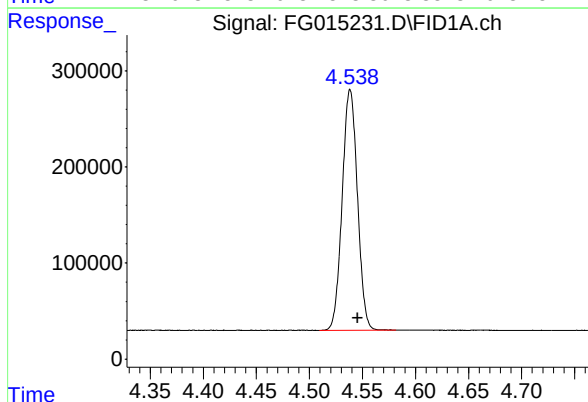




#1 n-Nonane (C9)

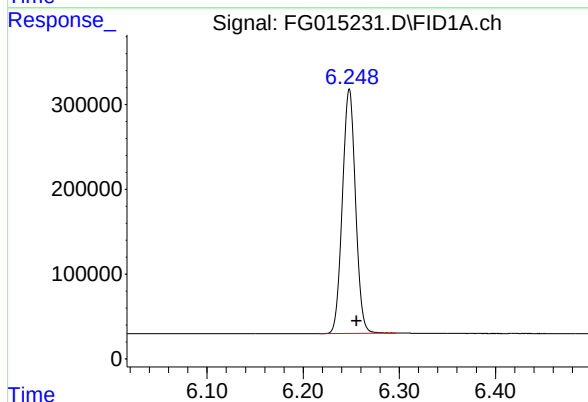
R.T.: 3.279 min
Delta R.T.: -0.008 min
Response: 2444841
Conc: 18.83 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



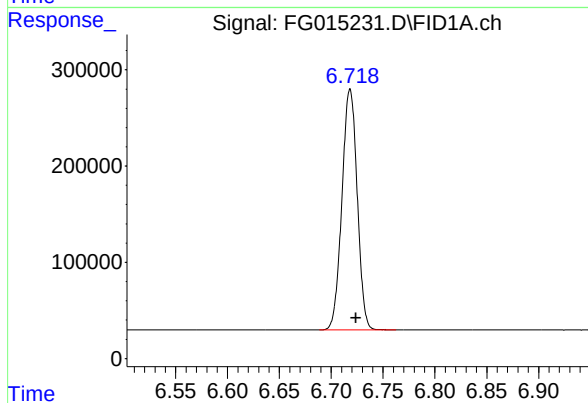
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 2503953
Conc: 18.84 ug/ml



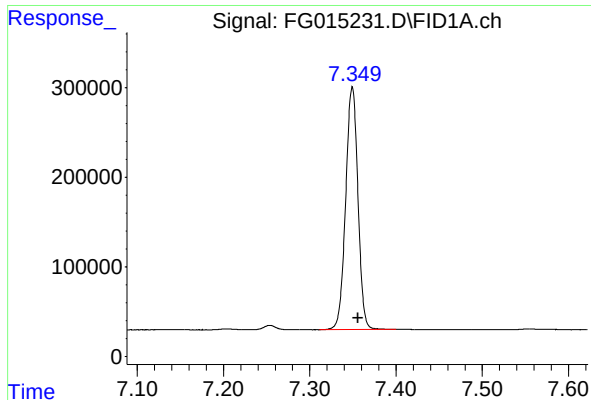
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.007 min
Response: 2738057
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

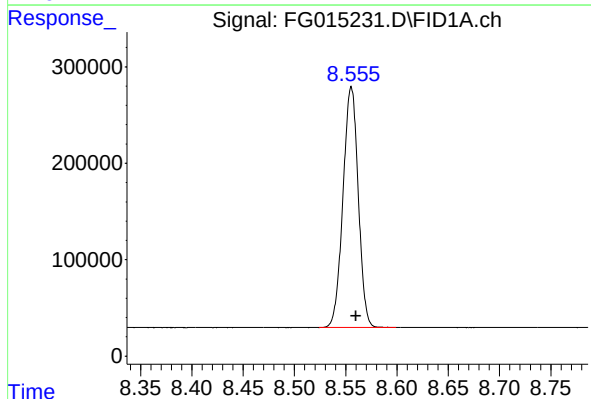
R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 2563246
Conc: 18.86 ug/ml



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

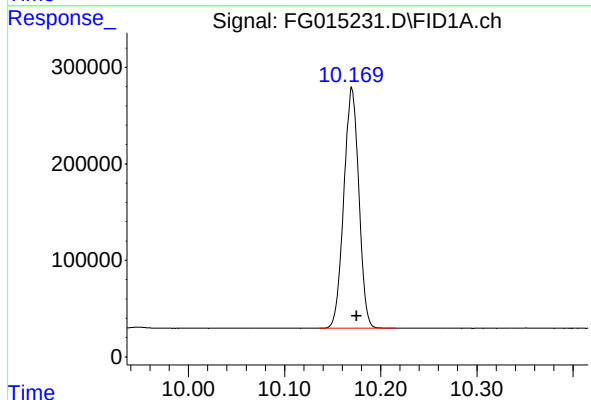
R.T.: 7.349 min
Delta R.T.: -0.007 min
Response: 2680956
Conc: 18.78 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



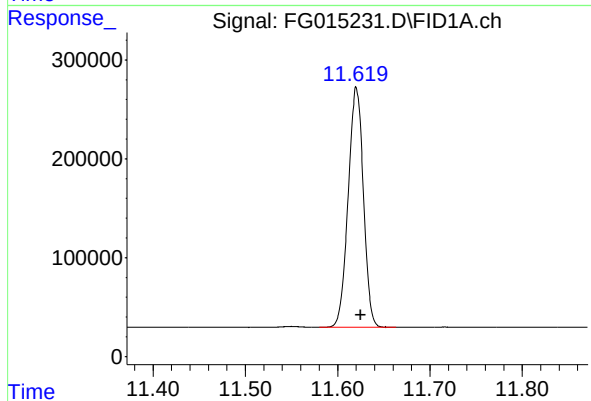
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.004 min
Response: 2583662
Conc: 18.79 ug/ml



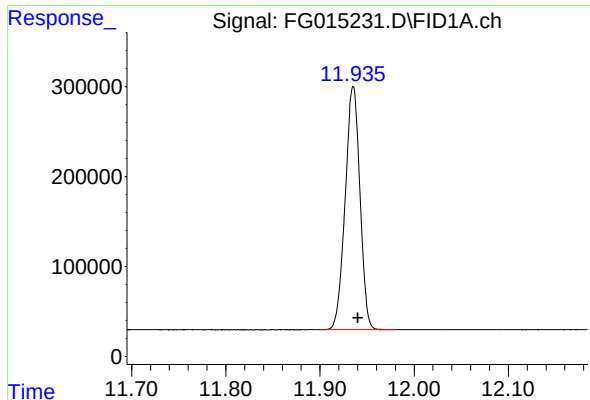
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.005 min
Response: 2713963
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

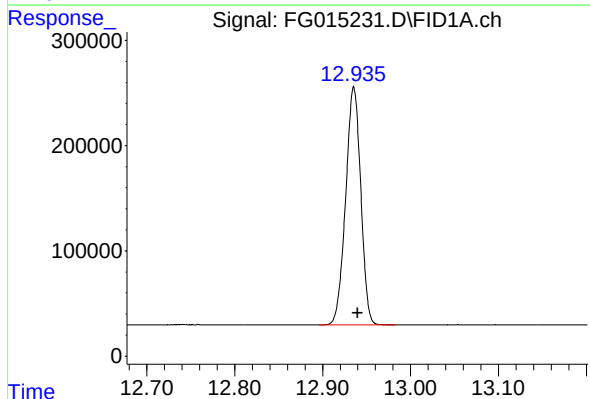
R.T.: 11.620 min
Delta R.T.: -0.004 min
Response: 2777968
Conc: 18.69 ug/ml



#9 ortho-Terphenyl (SURR)

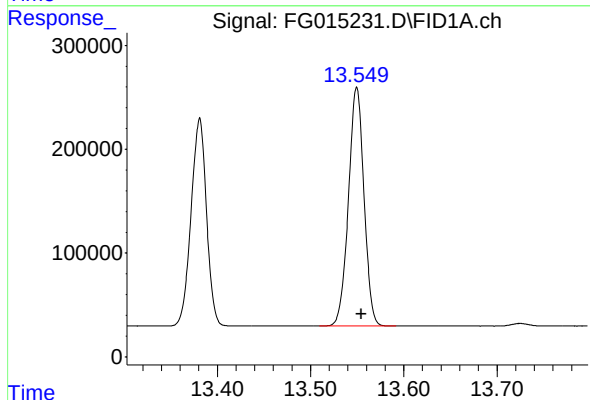
R.T.: 11.935 min
Delta R.T.: -0.005 min
Response: 2951107
Conc: 18.88 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



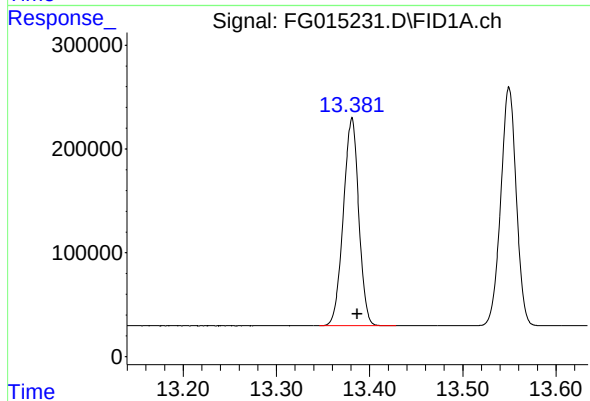
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.005 min
Response: 2697120
Conc: 18.79 ug/ml



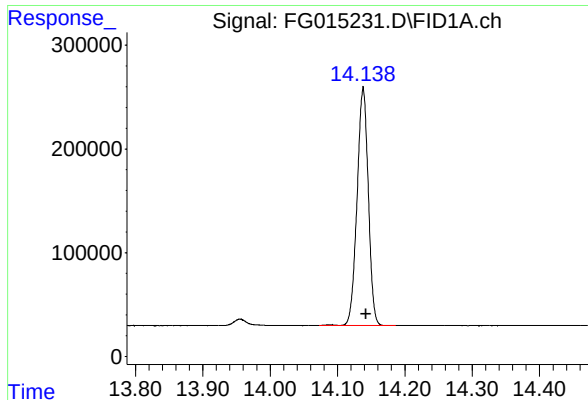
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.005 min
Response: 2660517
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

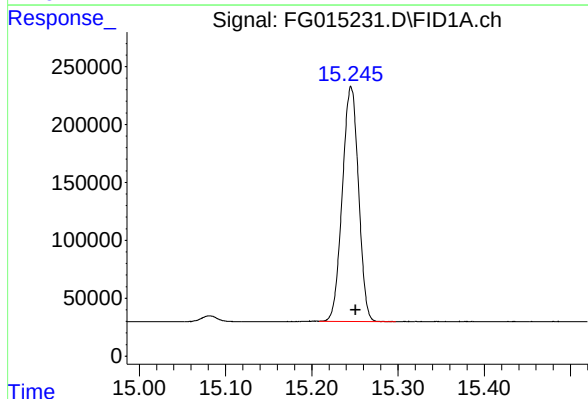
R.T.: 13.381 min
Delta R.T.: -0.005 min
Response: 2297122
Conc: 18.87 ug/ml



#13 n-Docosane (C22)

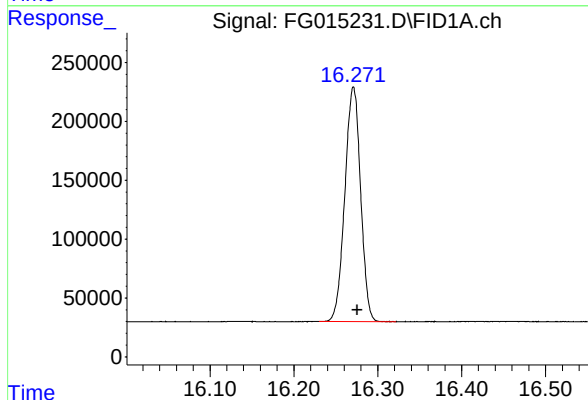
R.T.: 14.138 min
Delta R.T.: -0.004 min
Response: 2659900
Conc: 18.92 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



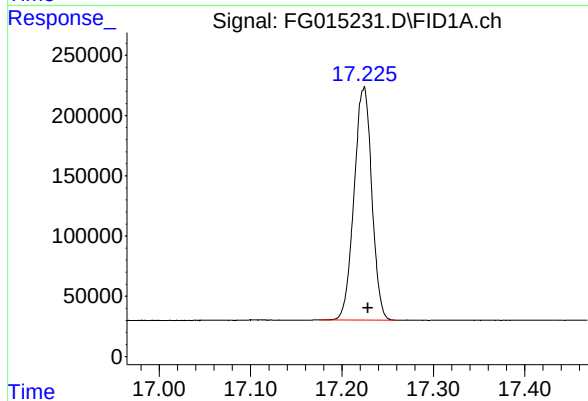
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.005 min
Response: 2644231
Conc: 19.00 ug/ml



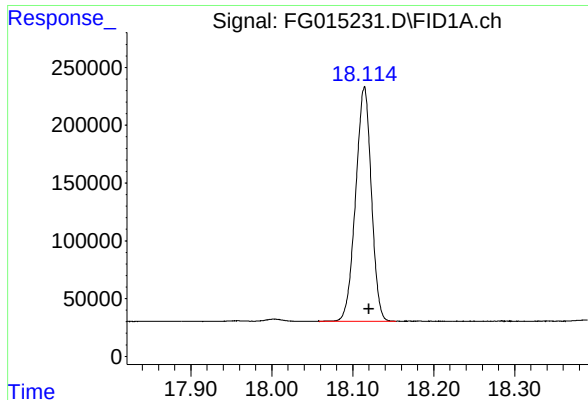
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 2604637
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

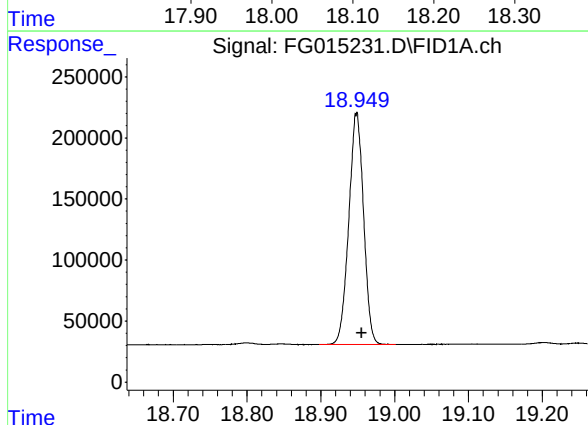
R.T.: 17.224 min
Delta R.T.: -0.005 min
Response: 2599523
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

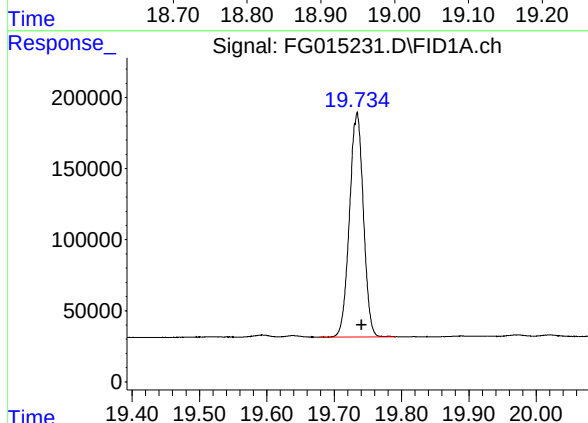
R.T.: 18.114 min
Delta R.T.: -0.006 min
Response: 2729966
Conc: 20.58 ug/ml

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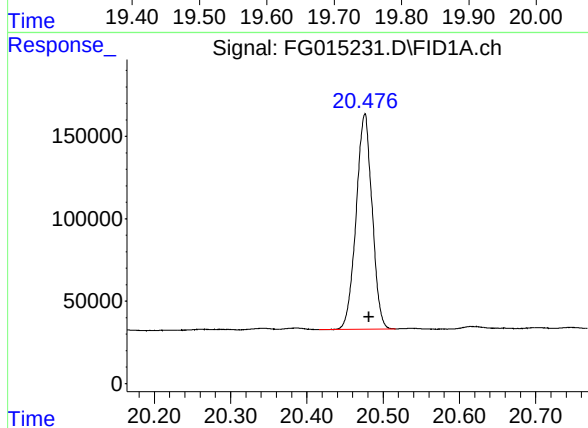
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.007 min
Response: 2638336
Conc: 20.92 ug/ml



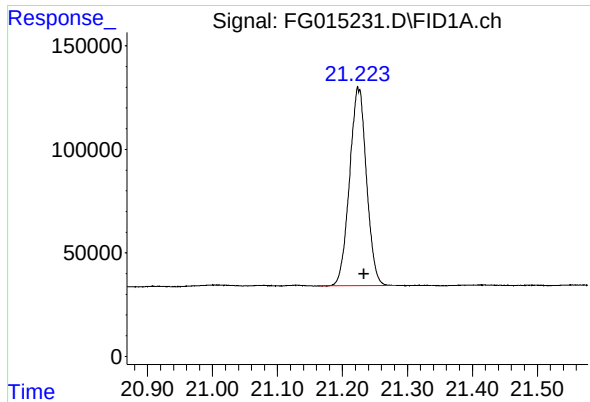
#19 n-Tetatriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.007 min
Response: 2262340
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

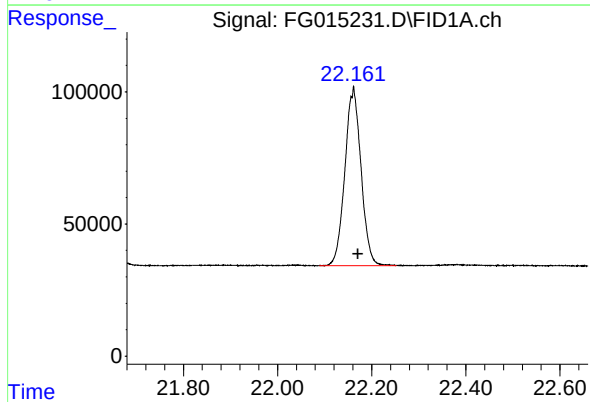
R.T.: 20.476 min
Delta R.T.: -0.006 min
Response: 1900019
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.009 min
Response: 1737204
Conc: 19.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: -0.010 min
Response: 1602028
Conc: 18.90 ug/ml