

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AL\
 Data File : FG015209.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 08:47
 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 03:42:25 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)	11.936	3465249	22.164 ug/ml
Spiked Amount 50.000		Recovery =	44.33%
12) S 1-chlorooctadecane (S...	13.382	2661988	21.862 ug/ml
Spiked Amount 50.000		Recovery =	43.72%
Target Compounds			
1) T n-Nonane (C9)	3.282	2854676	21.987 ug/ml
2) T n-Decane (C10)	4.540	2928550	22.037 ug/ml
3) T A~Naphthalene (C11.7)	6.249	3245984	22.227 ug/ml
4) T n-Dodecane (C12)	6.719	2999326	22.063 ug/ml
5) T A~2-methylnaphthalene...	7.350	3167886	22.191 ug/ml
6) T n-Tetradecane (C14)	8.555	3028609	22.022 ug/ml
7) T n-Hexadecane (C16)	10.171	3182155	21.962 ug/ml
8) T n-Octadecane (C18)	11.620	3247258	21.848 ug/ml
10) T n-Eicosane (C20)	12.936	3137250	21.857 ug/ml
11) T n-Heneicosane (C21)	13.551	3089154	21.848 ug/ml
13) T n-Docosane (C22)	14.141	3067469	21.817 ug/ml
14) T n-Tetracosane (C24)	15.247	3031639	21.782 ug/ml
15) T n-Hexacosane (C26)	16.271	2958674	21.843 ug/ml
16) T n-Octacosane (C28)	17.225	2922187	22.206 ug/ml
17) T n-Tricontane (C30)	18.114	3038435	22.904 ug/ml
18) T n-Dotriacontane (C32)	18.951	2937150	23.288 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2539872	23.327 ug/ml
20) T n-Hexatriacontane (C36)	20.476	2179047	23.340 ug/ml
21) T n-Octatriacontane (C38)	21.227	2032681	23.163 ug/ml
22) T n-Tetracontane (C40)	22.163	1891272	22.313 ug/ml

(f)=RT Delta > 1/2 Window

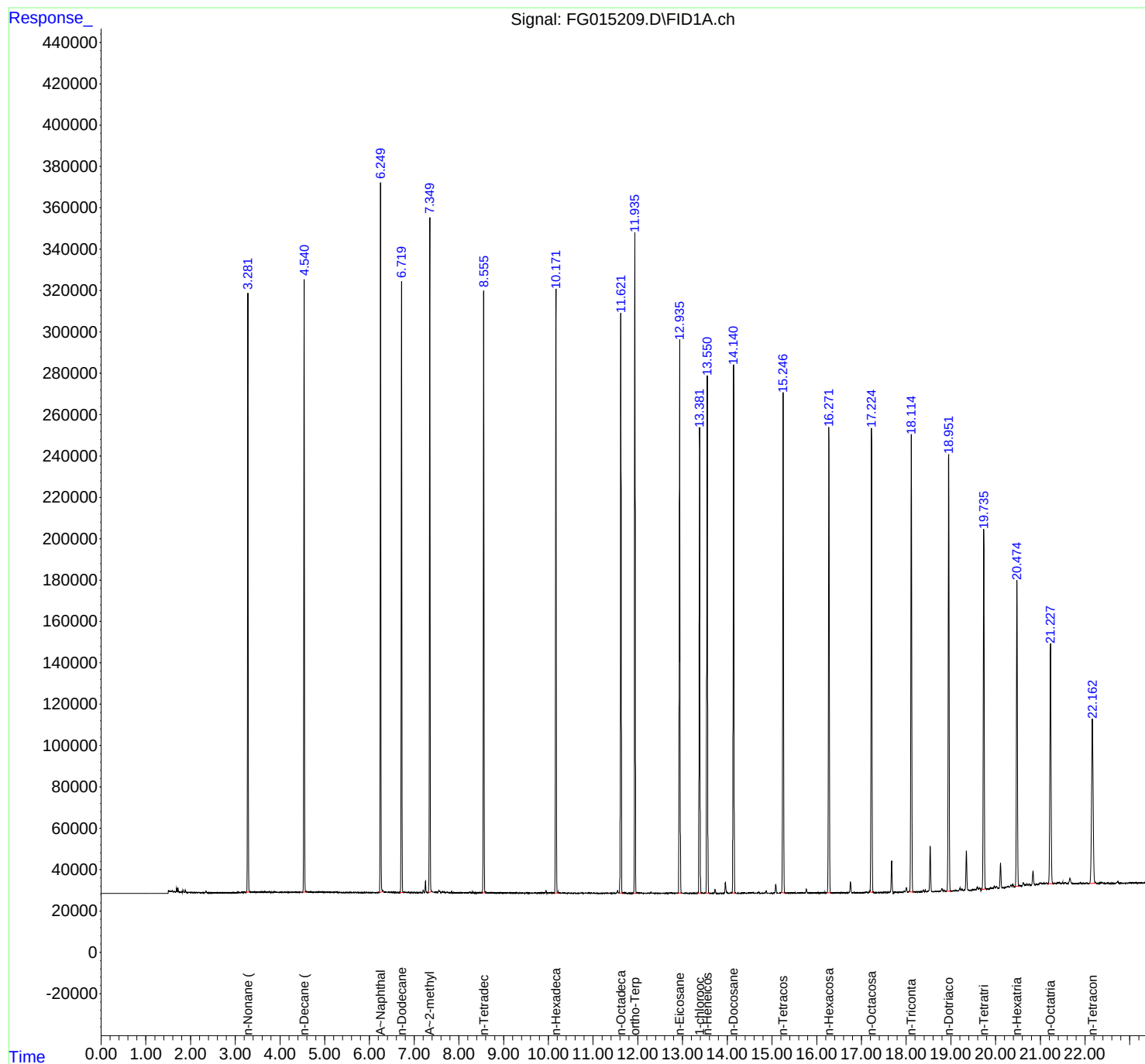
(m)=manual int.

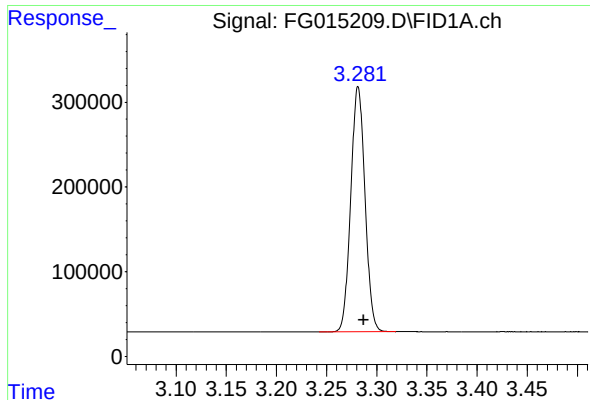
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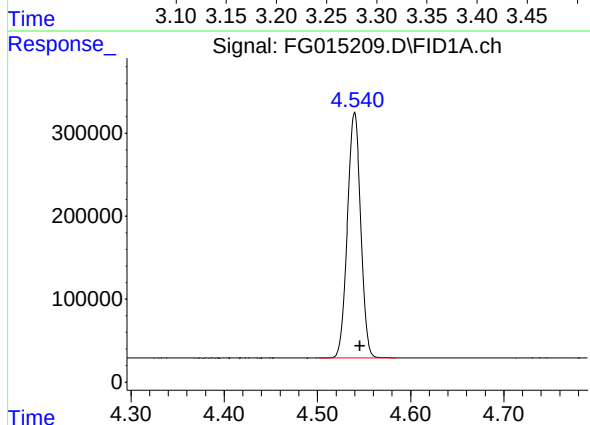




#1 n-Nonane (C9)

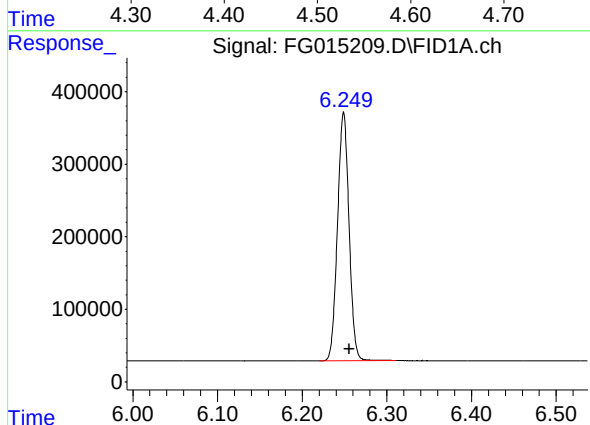
R.T.: 3.282 min
Delta R.T.: -0.005 min
Response: 2854676
Conc: 21.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



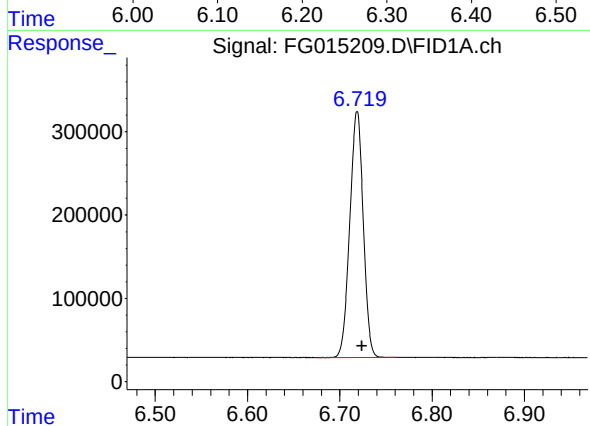
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.006 min
Response: 2928550
Conc: 22.04 ug/ml



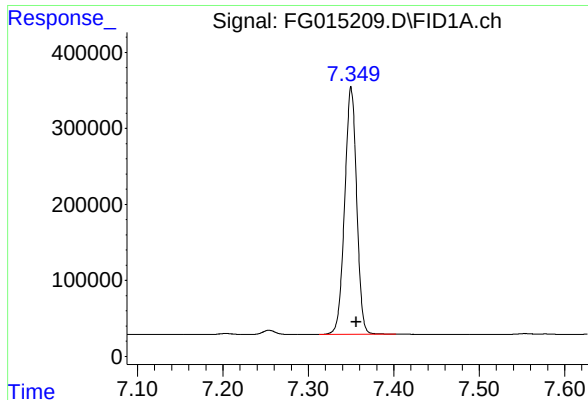
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.006 min
Response: 3245984
Conc: 22.23 ug/ml



#4 n-Dodecane (C12)

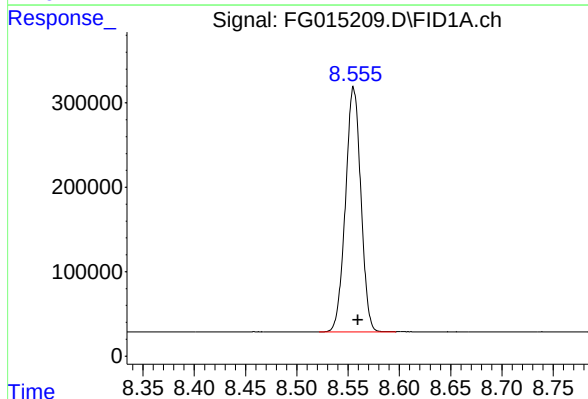
R.T.: 6.719 min
Delta R.T.: -0.005 min
Response: 2999326
Conc: 22.06 ug/ml



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

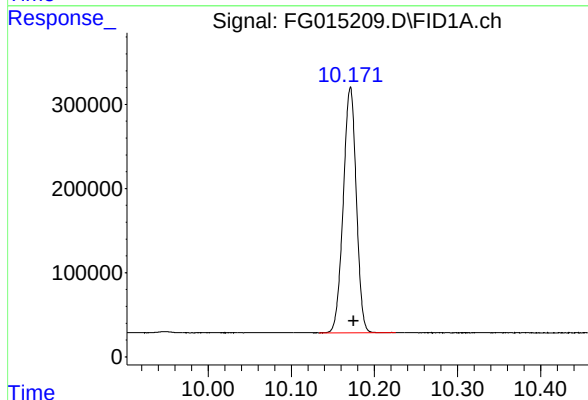
R.T.: 7.350 min
Delta R.T.: -0.006 min
Response: 3167886
Conc: 22.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



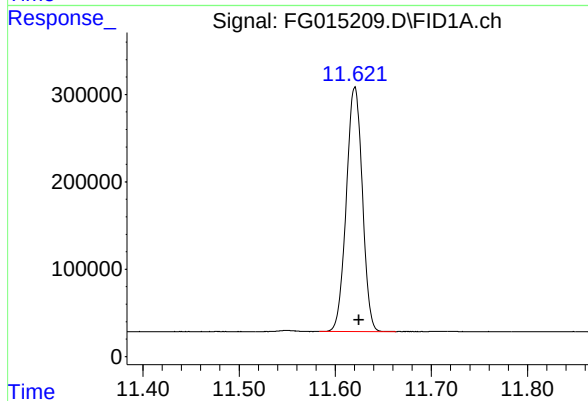
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.005 min
Response: 3028609
Conc: 22.02 ug/ml



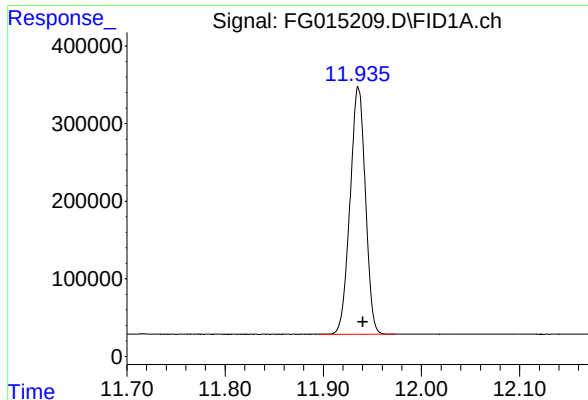
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.004 min
Response: 3182155
Conc: 21.96 ug/ml



#8 n-Octadecane (C18)

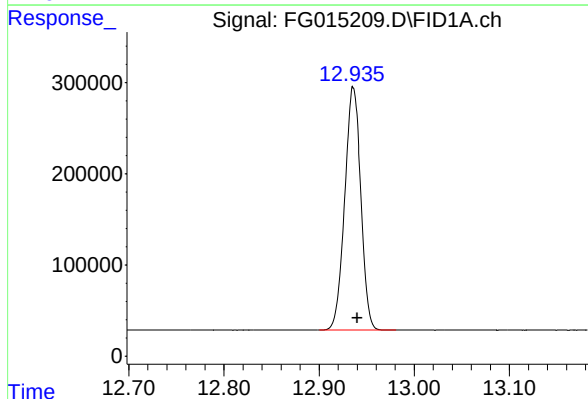
R.T.: 11.620 min
Delta R.T.: -0.004 min
Response: 3247258
Conc: 21.85 ug/ml



#9 ortho-Terphenyl (SURR)

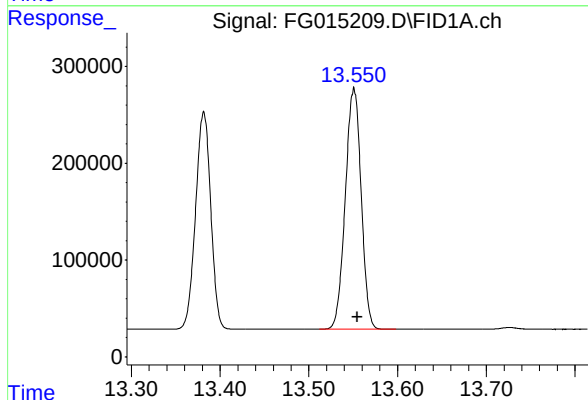
R.T.: 11.936 min
Delta R.T.: -0.005 min
Response: 3465249
Conc: 22.16 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



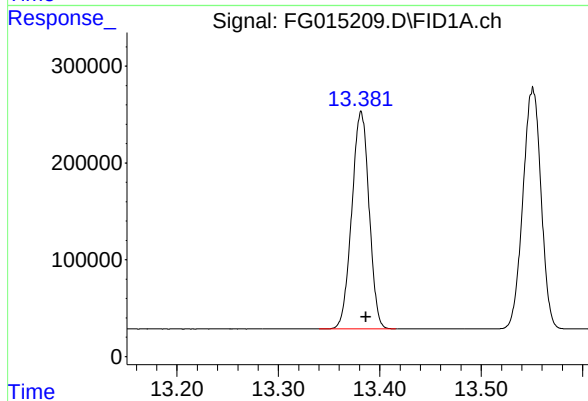
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.004 min
Response: 3137250
Conc: 21.86 ug/ml



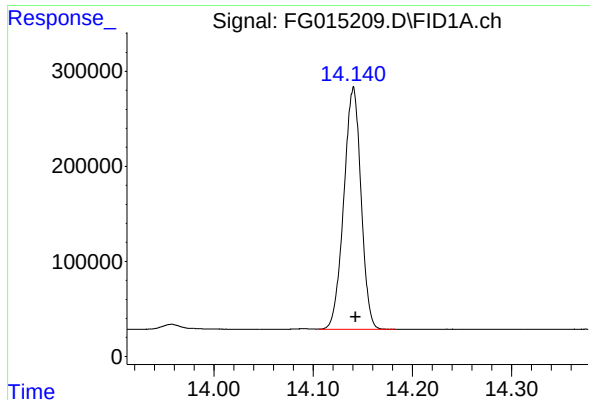
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: -0.004 min
Response: 3089154
Conc: 21.85 ug/ml



#12 1-chlorooctadecane (SURR)

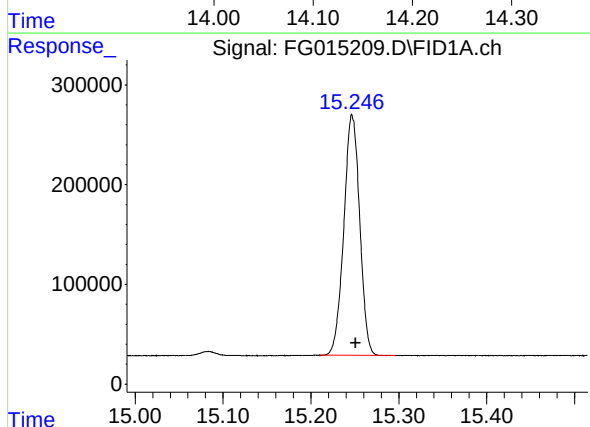
R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 2661988
Conc: 21.86 ug/ml



#13 n-Docosane (C22)

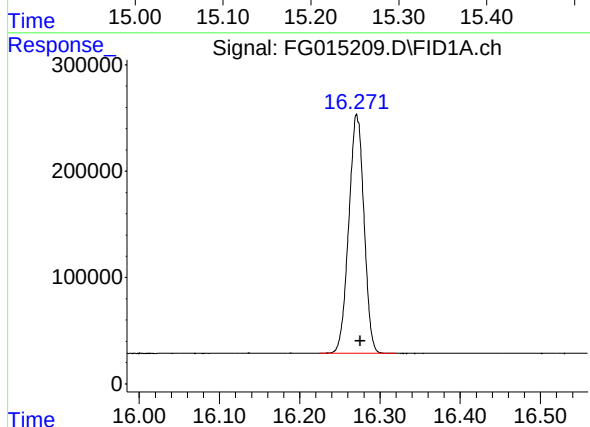
R.T.: 14.141 min
Delta R.T.: -0.002 min
Response: 3067469
Conc: 21.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



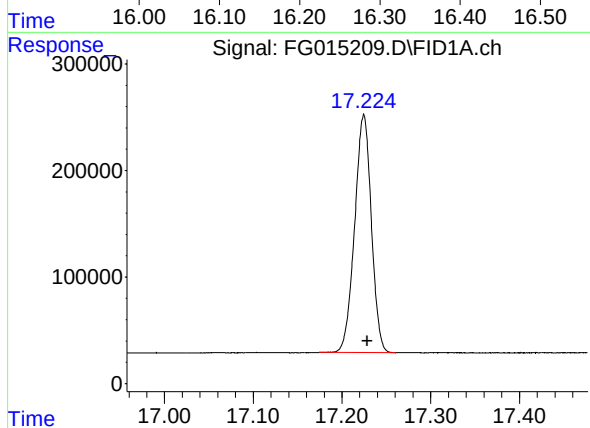
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.004 min
Response: 3031639
Conc: 21.78 ug/ml



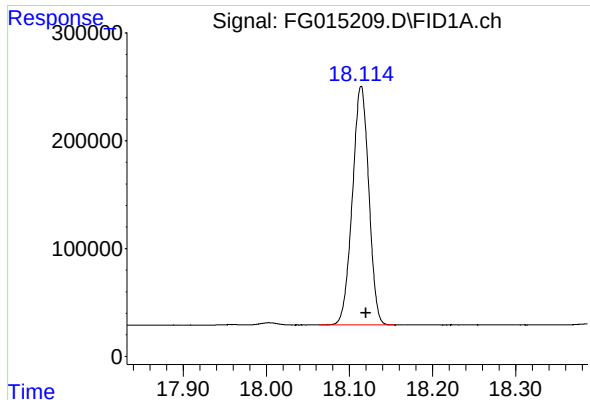
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 2958674
Conc: 21.84 ug/ml



#16 n-Octacosane (C28)

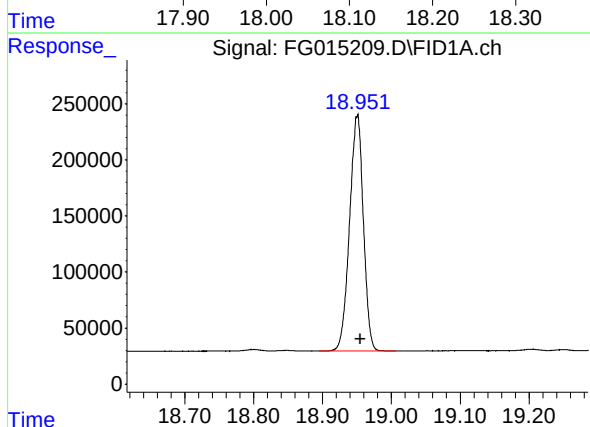
R.T.: 17.225 min
Delta R.T.: -0.004 min
Response: 2922187
Conc: 22.21 ug/ml



#17 n-Tricontane (C30)

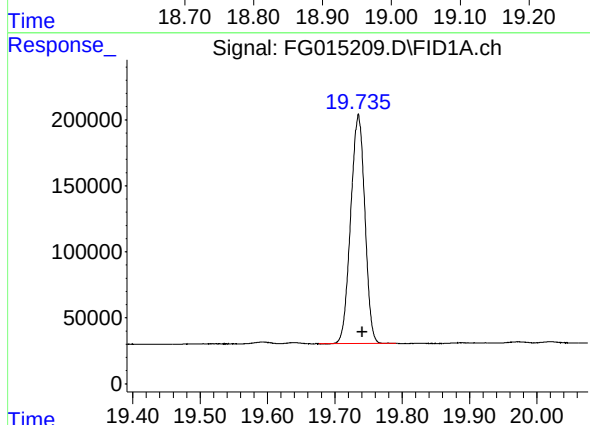
R.T.: 18.114 min
Delta R.T.: -0.006 min
Response: 3038435
Conc: 22.90 ug/ml

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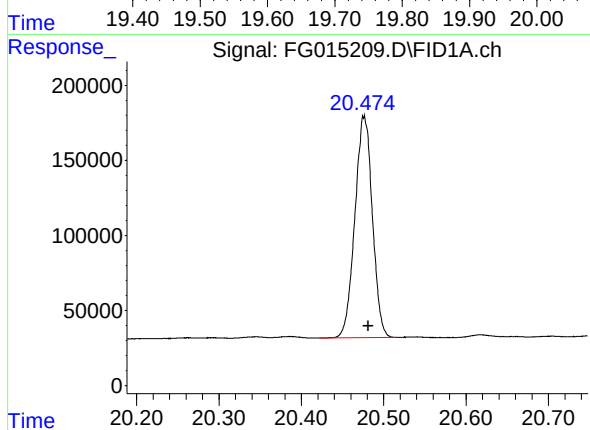
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.005 min
Response: 2937150
Conc: 23.29 ug/ml



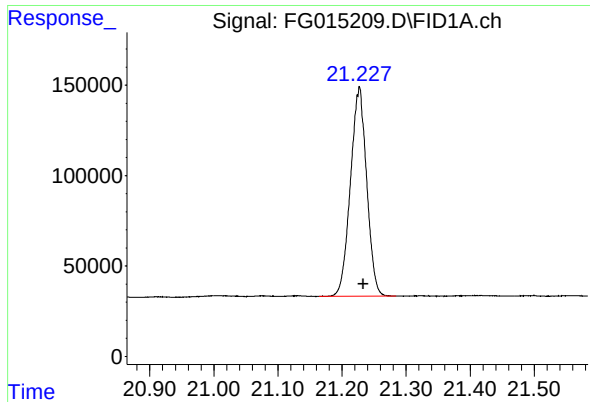
#19 n-Tetatriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.006 min
Response: 2539872
Conc: 23.33 ug/ml



#20 n-Hexatriacontane (C36)

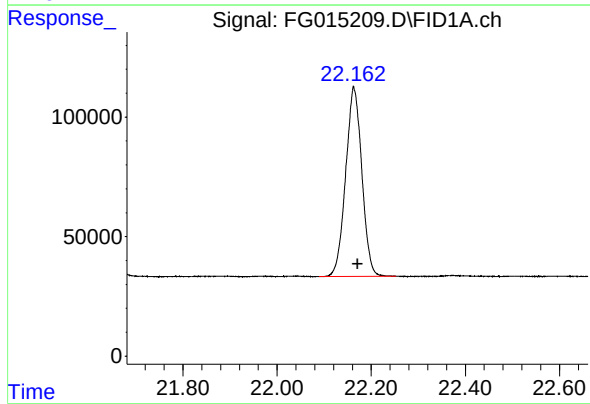
R.T.: 20.476 min
Delta R.T.: -0.006 min
Response: 2179047
Conc: 23.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: -0.006 min
Response: 2032681
Conc: 23.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: -0.009 min
Response: 1891272
Conc: 22.31 ug/ml