

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015067.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 10:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 14 10:42:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 10:41:47 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)	11.942	3147685	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.388	2463128	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.286	2614767	20.000 ug/ml
2) T n-Decane (C10)	4.546	2676689	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.255	2939792	20.000 ug/ml
4) T n-Dodecane (C12)	6.725	2733386	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.357	2872724	20.000 ug/ml
6) T n-Tetradecane (C14)	8.562	2764267	20.000 ug/ml
7) T n-Hexadecane (C16)	10.177	2917392	20.000 ug/ml
8) T n-Octadecane (C18)	11.626	2990249	20.000 ug/ml
10) T n-Eicosane (C20)	12.942	2895988	20.000 ug/ml
11) T n-Heneicosane (C21)	13.556	2854638	20.000 ug/ml
13) T n-Docosane (C22)	14.146	2840997	20.000 ug/ml
14) T n-Tetracosane (C24)	15.253	2812228	20.000 ug/ml
15) T n-Hexacosane (C26)	16.278	2737370	20.000 ug/ml
16) T n-Octacosane (C28)	17.230	2652099	20.000 ug/ml
17) T n-Tricontane (C30)	18.120	2664360	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.958	2523491	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2181450	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.483	1872181	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.233	1767390	20.000 ug/ml
22) T n-Tetracontane (C40)	22.172	1716790	20.000 ug/ml

(f)=RT Delta > 1/2 Window

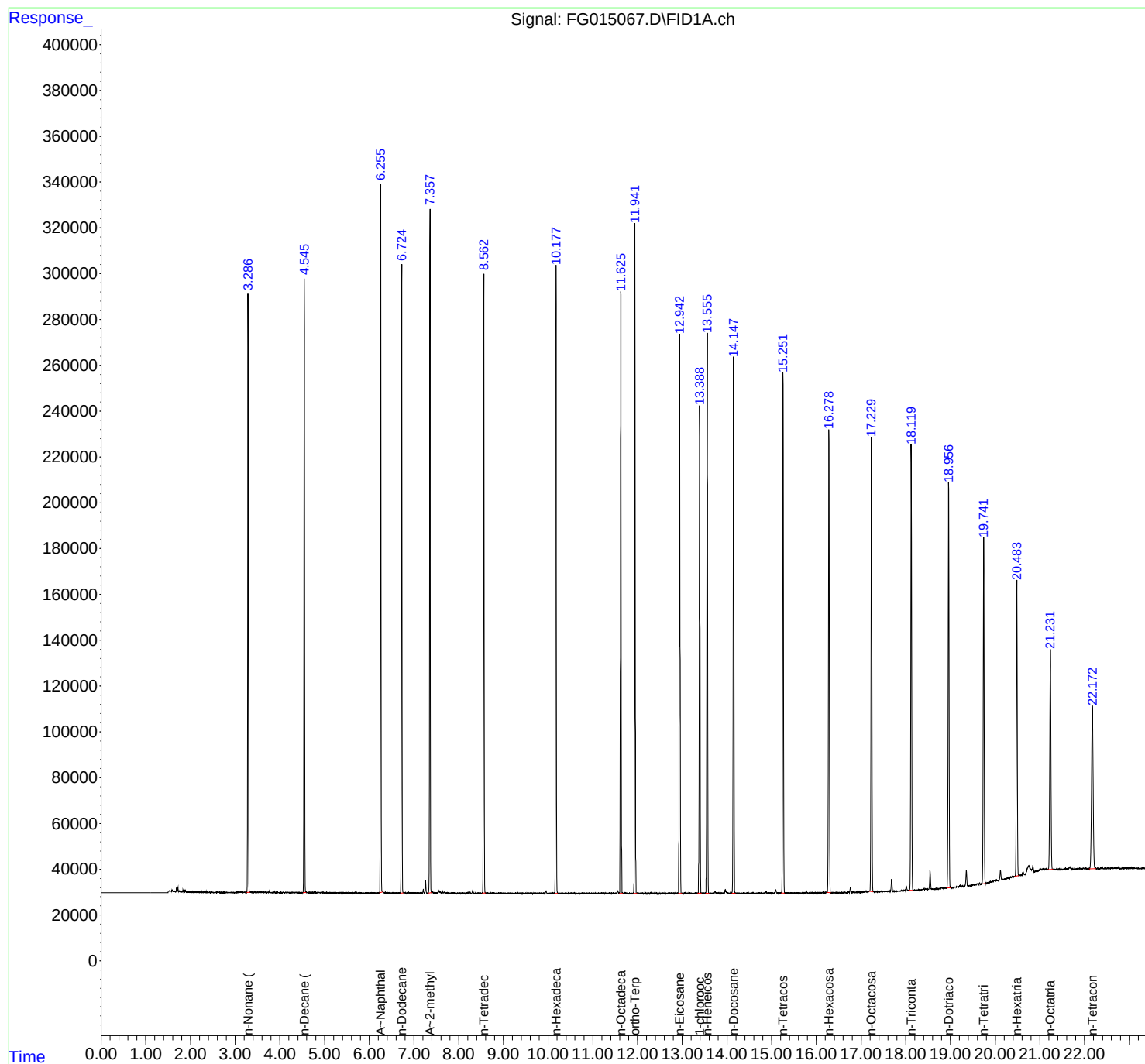
(m)=manual int.

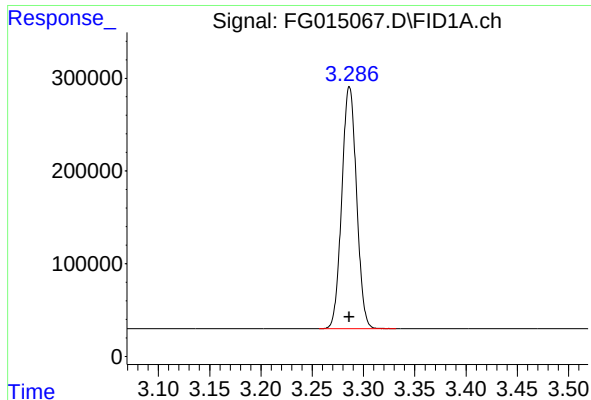
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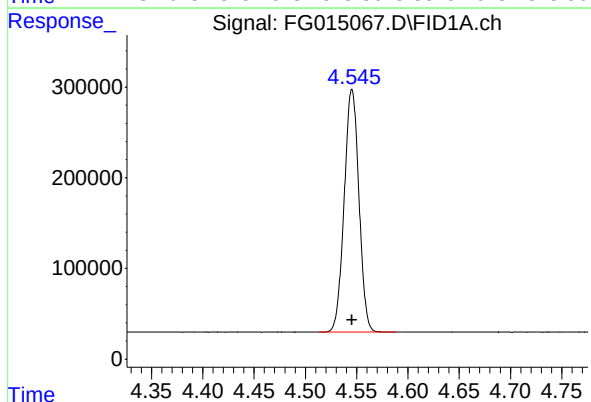




#1 n-Nonane (C9)

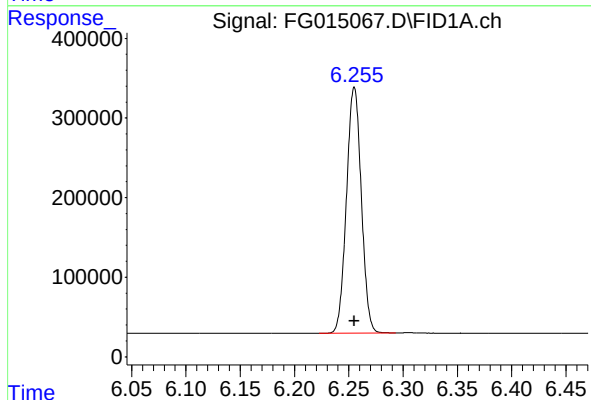
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 2614767
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



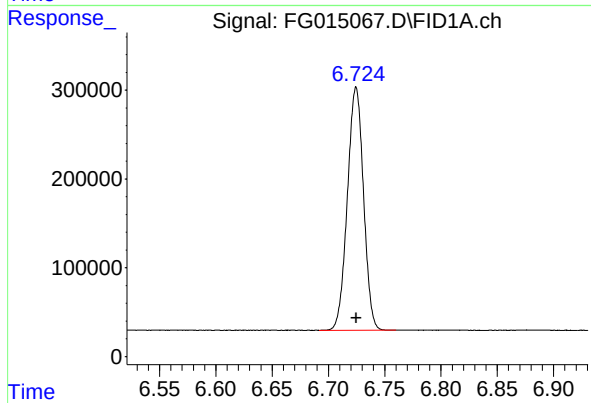
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 2676689
Conc: 20.00 ug/ml



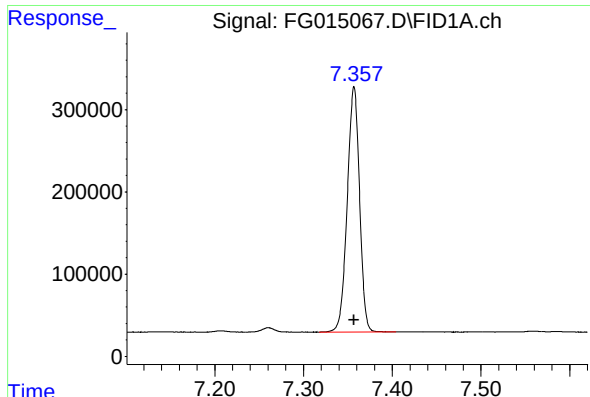
#3 A~Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 2939792
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

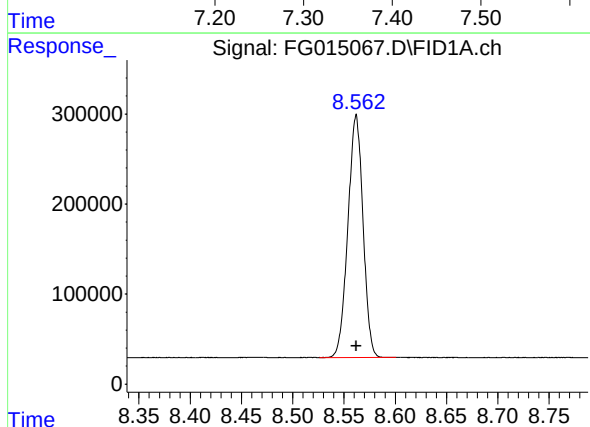
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 2733386
Conc: 20.00 ug/ml



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

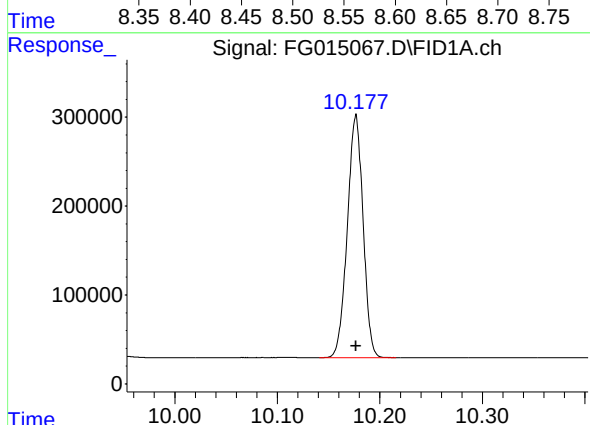
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 2872724
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



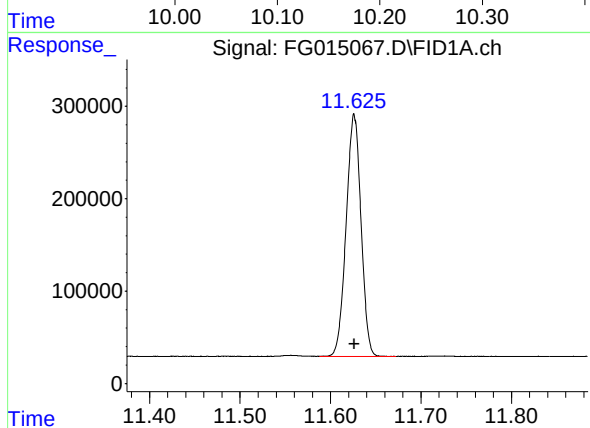
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 2764267
Conc: 20.00 ug/ml



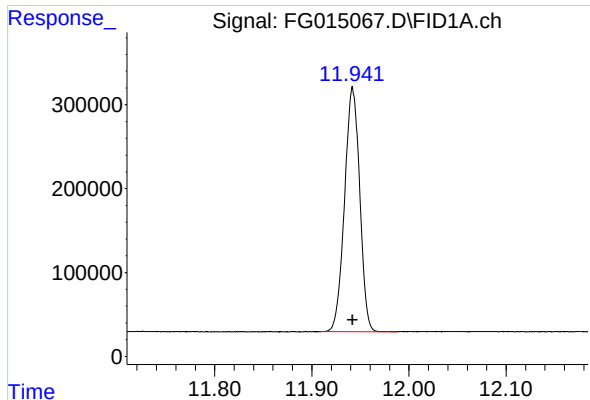
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.000 min
Response: 2917392
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

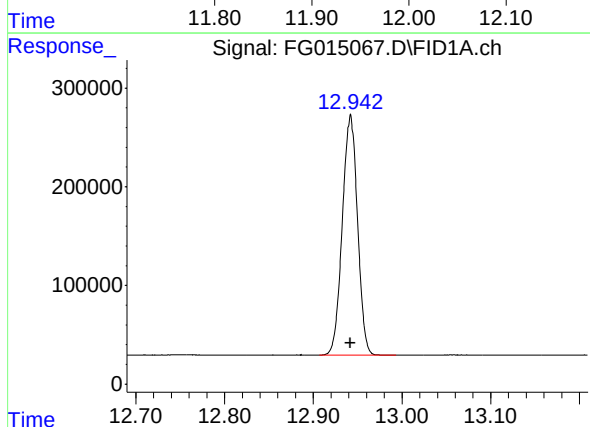
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 2990249
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

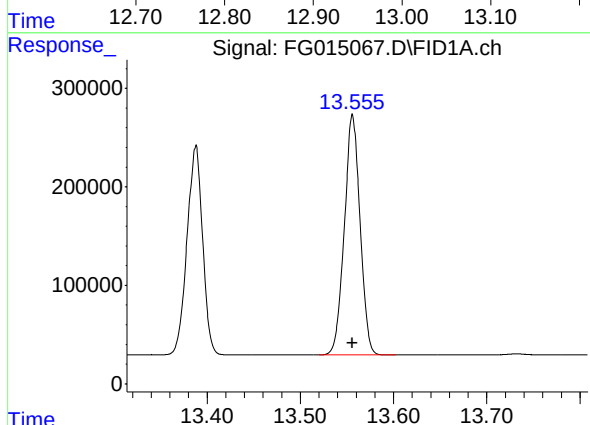
R.T.: 11.942 min
Delta R.T.: 0.000 min
Response: 3147685
Conc: 20.00 ug/ml

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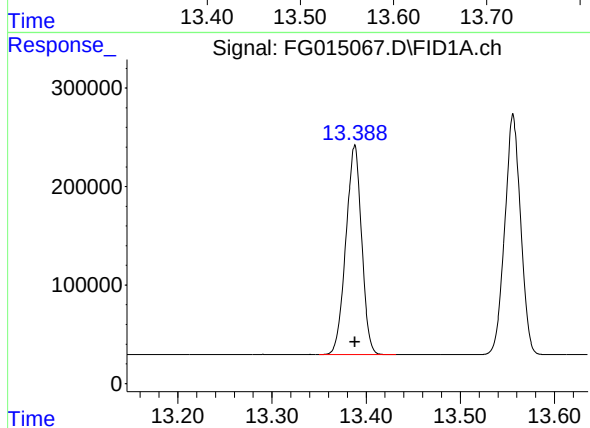
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2895988
Conc: 20.00 ug/ml



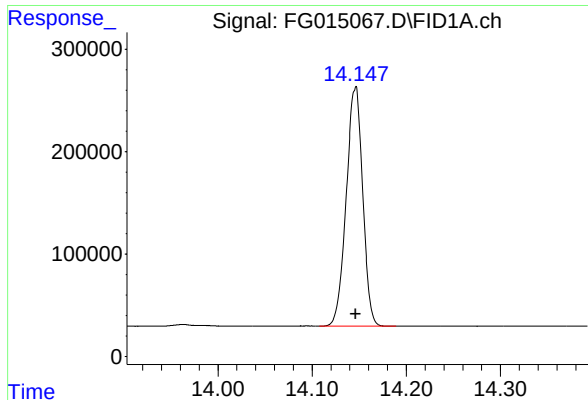
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.000 min
Response: 2854638
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

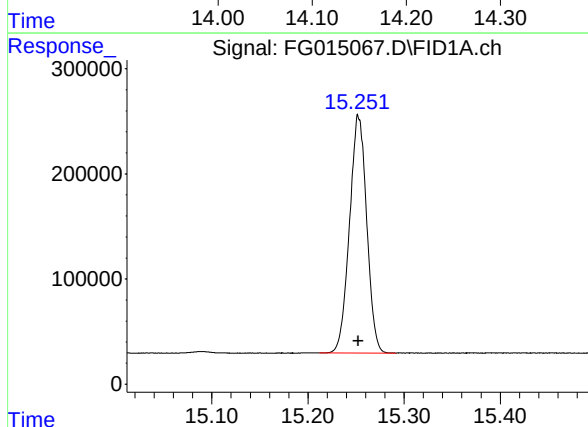
R.T.: 13.388 min
Delta R.T.: 0.000 min
Response: 2463128
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

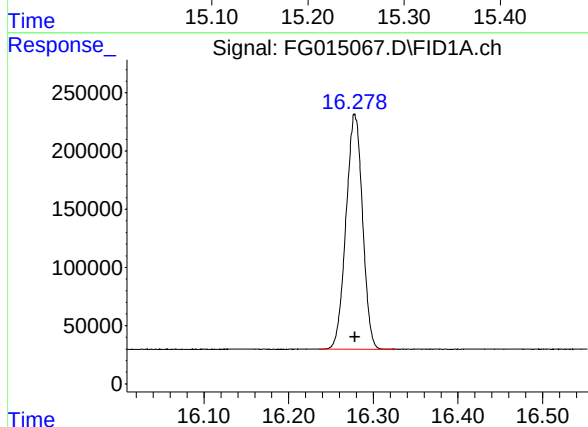
R.T.: 14.146 min
Delta R.T.: 0.000 min
Response: 2840997
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



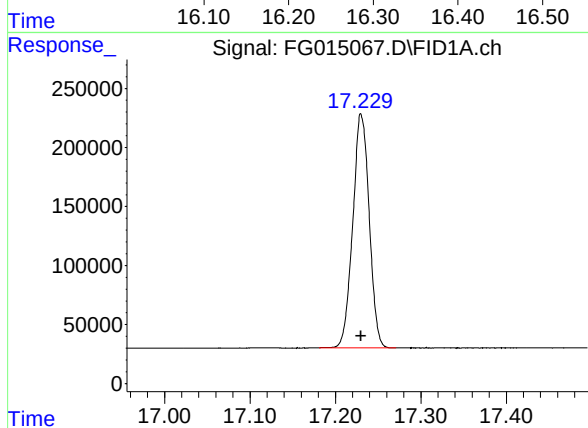
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.000 min
Response: 2812228
Conc: 20.00 ug/ml



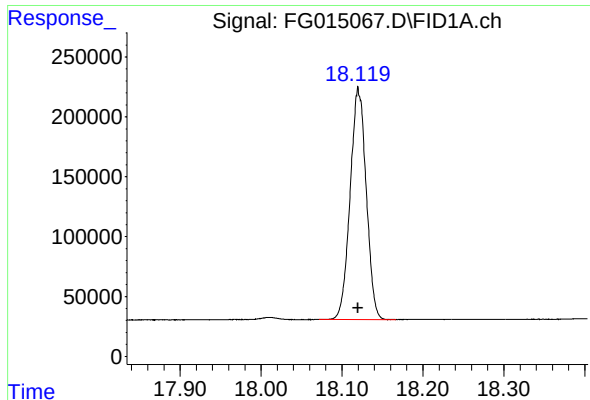
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2737370
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

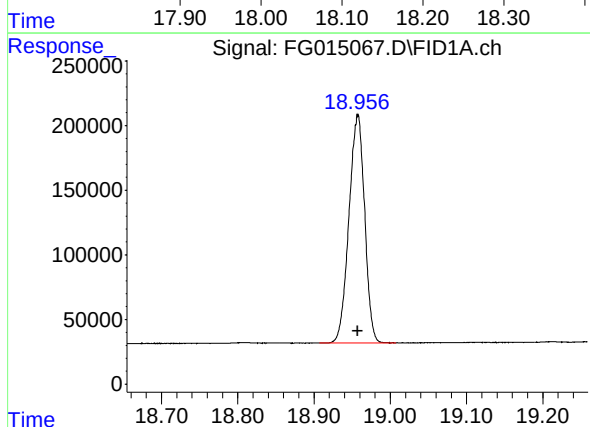
R.T.: 17.230 min
Delta R.T.: 0.000 min
Response: 2652099
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

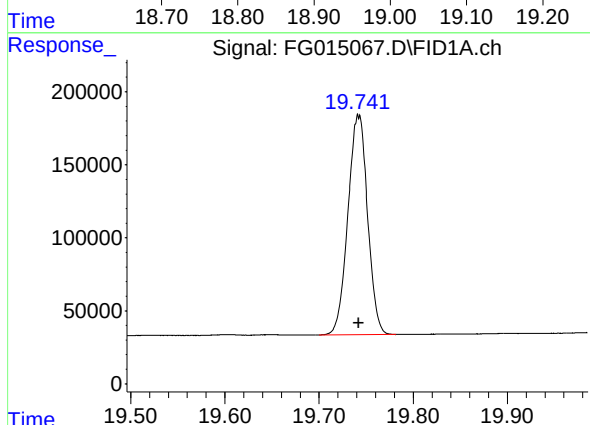
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 2664360
Conc: 20.00 ug/ml

Instrument :
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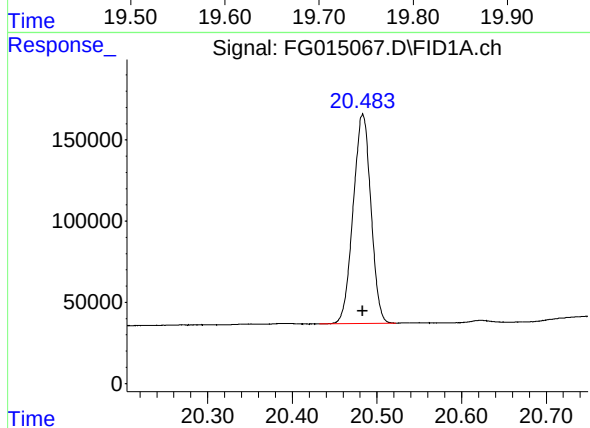
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.000 min
Response: 2523491
Conc: 20.00 ug/ml



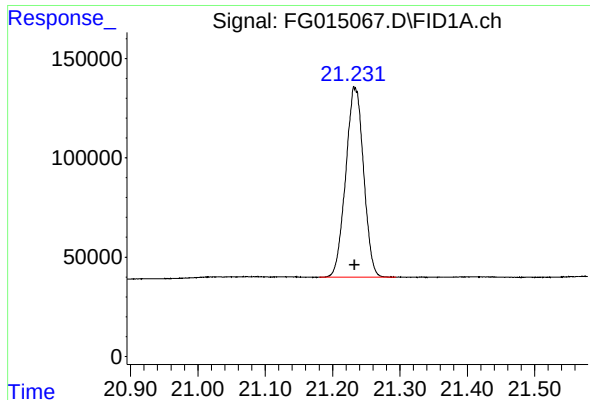
#19 n-Tetatriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.000 min
Response: 2181450
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

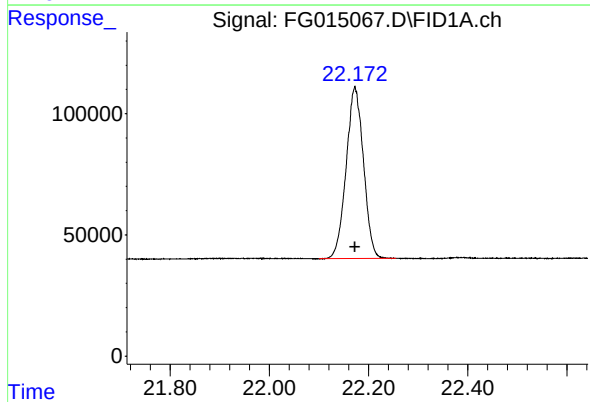
R.T.: 20.483 min
Delta R.T.: 0.000 min
Response: 1872181
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.000 min
Response: 1767390
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.000 min
Response: 1716790
Conc: 20.00 ug/ml