

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068105.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 09:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 25 04:21:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 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)	11.426	3231539	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.867	2389546	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.233	2810367	20.000 ug/ml
2) T n-Decane (C10)	4.291	2861961	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.859	3109613	20.000 ug/ml
4) T n-Dodecane (C12)	6.300	2888346	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.911	2994869	20.000 ug/ml
6) T n-Tetradecane (C14)	8.087	2828524	20.000 ug/ml
7) T n-Hexadecane (C16)	9.683	2884335	20.000 ug/ml
8) T n-Octadecane (C18)	11.120	2905661	20.000 ug/ml
10) T n-Eicosane (C20)	12.426	2775623	20.000 ug/ml
11) T n-Heneicosane (C21)	13.035	2722823	20.000 ug/ml
13) T n-Docosane (C22)	13.620	2671035	20.000 ug/ml
14) T n-Tetracosane (C24)	14.720	2655805	20.000 ug/ml
15) T n-Hexacosane (C26)	15.739	2602198	20.000 ug/ml
16) T n-Octacosane (C28)	16.686	2559534	20.000 ug/ml
17) T n-Tricontane (C30)	17.571	2631800	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.402	2526641	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.183	2198499	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.922	1877473	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.634	1756021	20.000 ug/ml
22) T n-Tetracontane (C40)	21.495	1636652	20.000 ug/ml

(f)=RT Delta > 1/2 Window

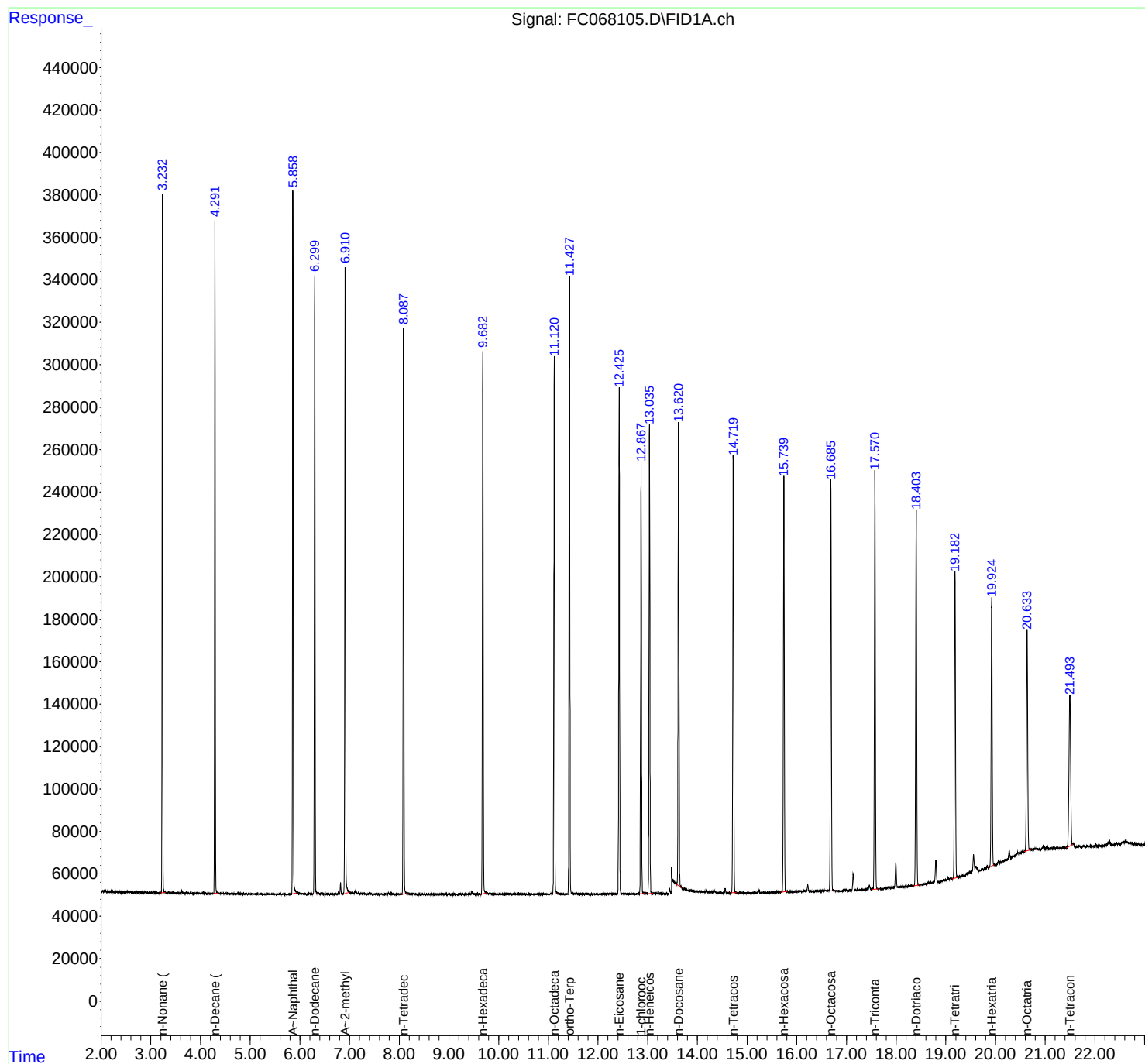
(m)=manual int.

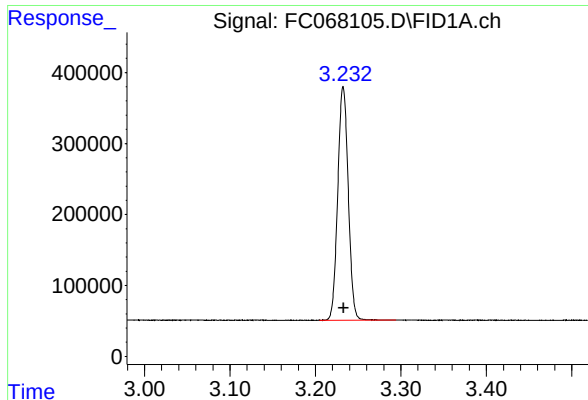
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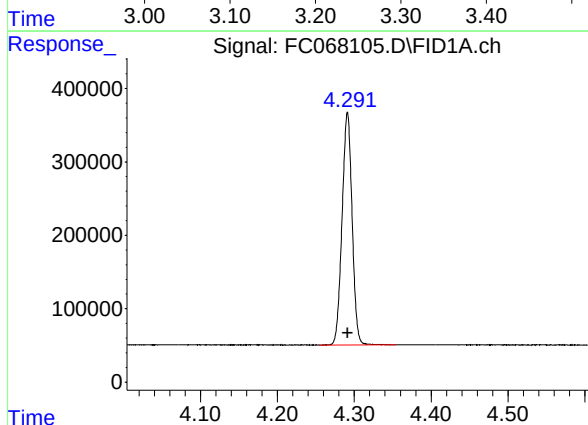




#1 n-Nonane (C9)

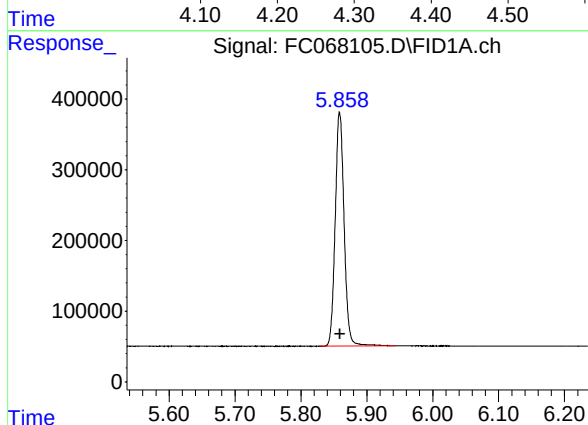
R.T.: 3.233 min
Delta R.T.: 0.000 min
Response: 2810367
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



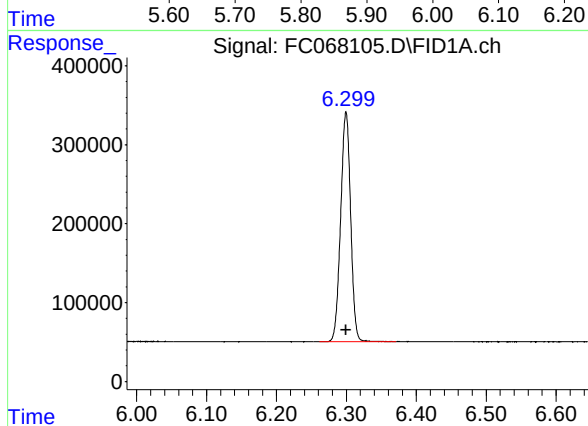
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 2861961
Conc: 20.00 ug/ml



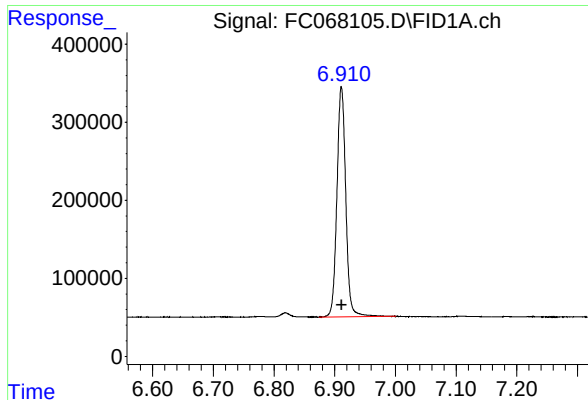
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 3109613
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

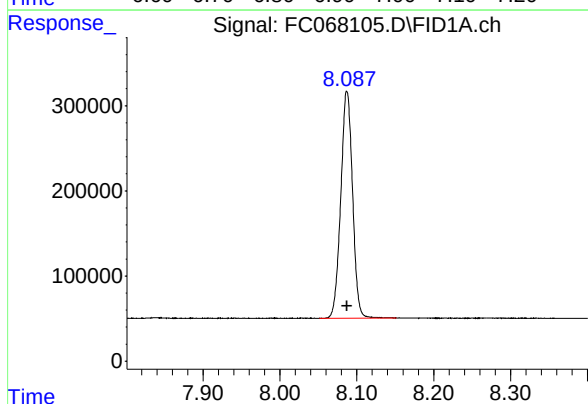
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 2888346
Conc: 20.00 ug/ml



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

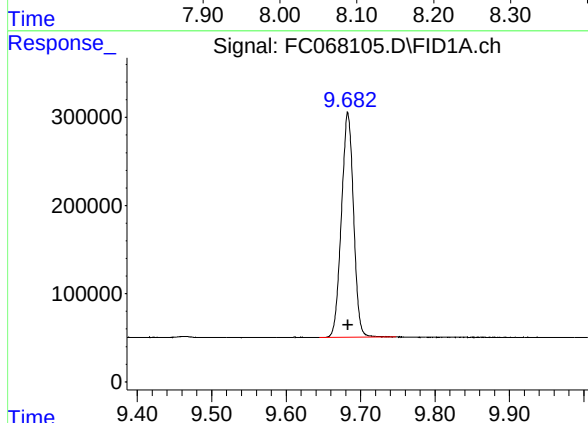
R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 2994869
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



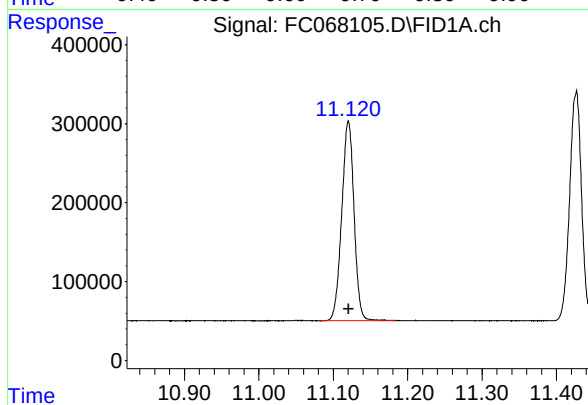
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 2828524
Conc: 20.00 ug/ml



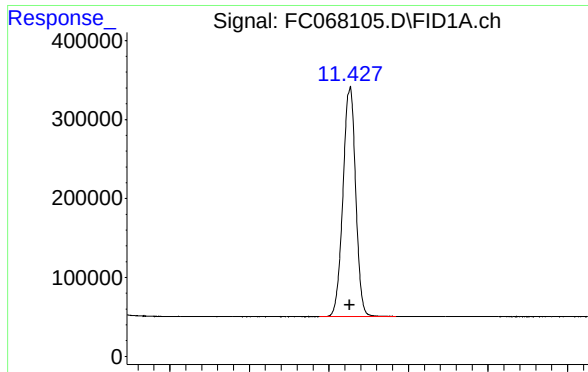
#7 n-Hexadecane (C16)

R.T.: 9.683 min
Delta R.T.: 0.000 min
Response: 2884335
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

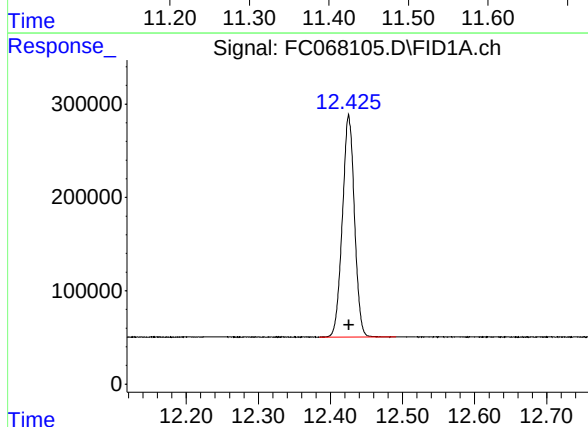
R.T.: 11.120 min
Delta R.T.: 0.000 min
Response: 2905661
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

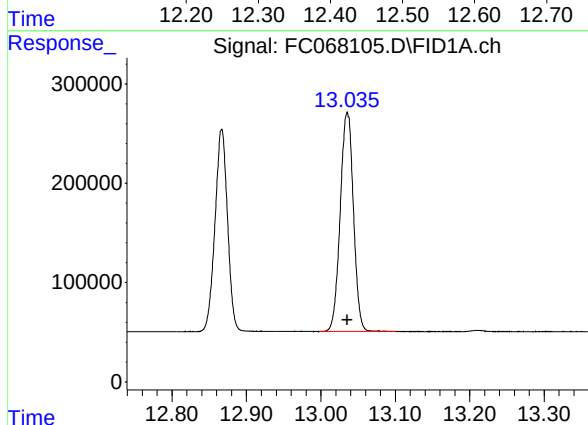
R.T.: 11.426 min
Delta R.T.: 0.000 min
Response: 3231539
Conc: 20.00 ug/ml

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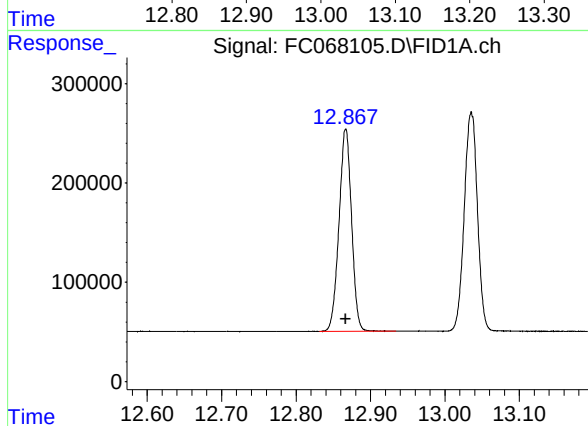
#10 n-Eicosane (C20)

R.T.: 12.426 min
Delta R.T.: 0.000 min
Response: 2775623
Conc: 20.00 ug/ml



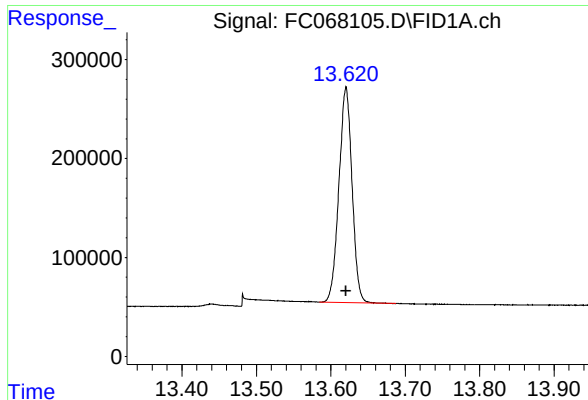
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 2722823
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

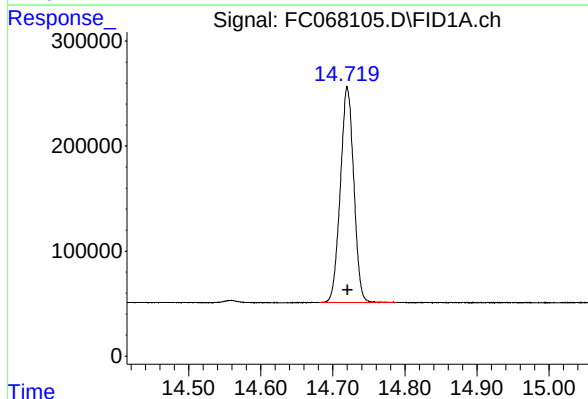
R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 2389546
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

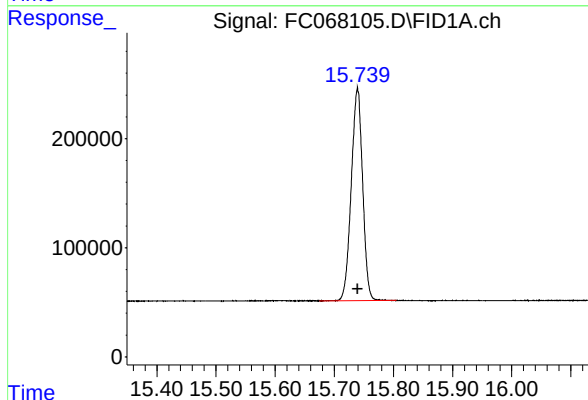
R.T.: 13.620 min
Delta R.T.: 0.000 min
Response: 2671035
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



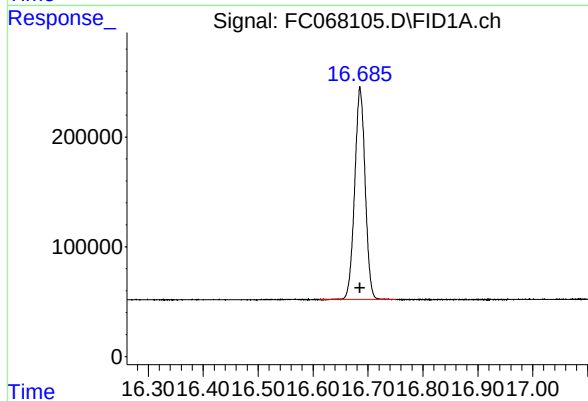
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 2655805
Conc: 20.00 ug/ml



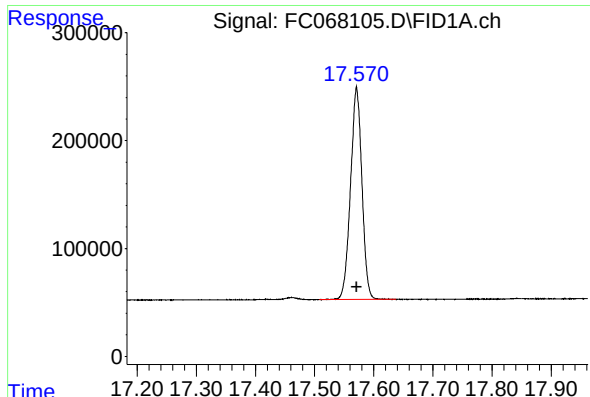
#15 n-Hexacosane (C26)

R.T.: 15.739 min
Delta R.T.: 0.000 min
Response: 2602198
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

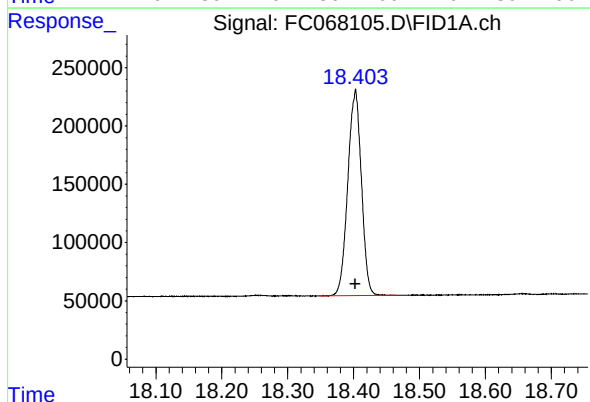
R.T.: 16.686 min
Delta R.T.: 0.000 min
Response: 2559534
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

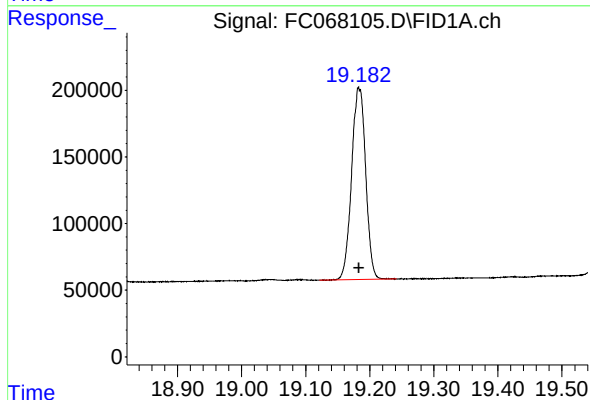
R.T.: 17.571 min
Delta R.T.: 0.000 min
Response: 2631800
Conc: 20.00 ug/ml

Instrument :
FID_C
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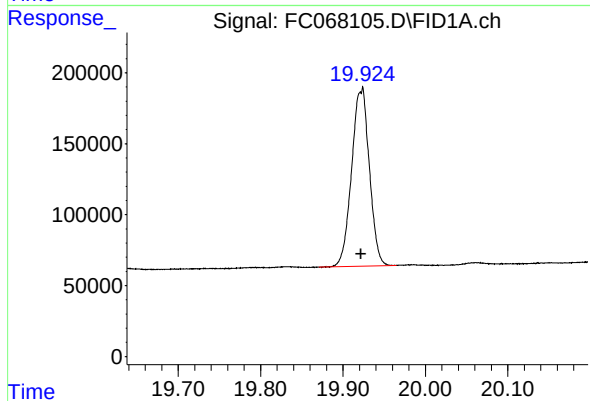
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: 0.000 min
Response: 2526641
Conc: 20.00 ug/ml



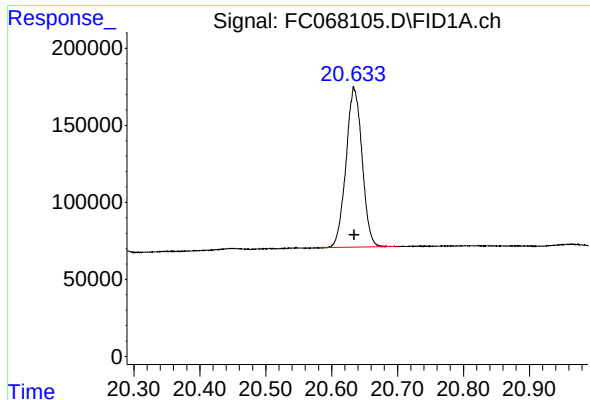
#19 n-Tetatriacontane (C34)

R.T.: 19.183 min
Delta R.T.: 0.000 min
Response: 2198499
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

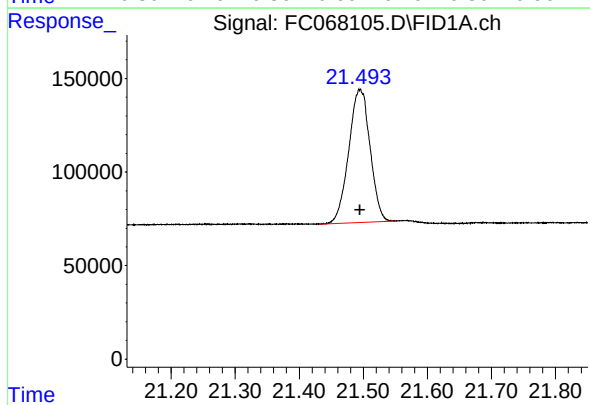
R.T.: 19.922 min
Delta R.T.: 0.000 min
Response: 1877473
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: 0.000 min
Response: 1756021
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.495 min
Delta R.T.: 0.000 min
Response: 1636652
Conc: 20.00 ug/ml