

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
 Data File : FC067205.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 17:25
 Operator : YP/AJ
 Sample : PB163557BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163557BS

Integration File: autoint1.e
 Quant Time: Sep 21 03:19:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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			
12) S 1-chlorooctadecane (S...	12.943	3767960	38.572 ug/ml
Spiked Amount 50.000		Recovery =	77.14%
Target Compounds			
1) T n-Nonane (C9)	3.278	3531422	26.623 ug/ml
2) T n-Decane (C10)	4.342	4383196	32.636 ug/ml
4) T n-Dodecane (C12)	6.360	5008181	37.415 ug/ml
6) T n-Tetradecane (C14)	8.153	5338652	41.425 ug/ml
7) T n-Hexadecane (C16)	9.753	5636730	43.721 ug/ml
8) T n-Octadecane (C18)	11.193	6073461	47.470 ug/ml
10) T n-Eicosane (C20)	12.502	6372573	53.055 ug/ml
11) T n-Heneicosane (C21)	13.114	6199600	53.082 ug/ml
13) T n-Docosane (C22)	13.699	6110645	52.924 ug/ml
14) T n-Tetracosane (C24)	14.801	5943874	52.340 ug/ml
15) T n-Hexacosane (C26)	15.820	5802994	52.360 ug/ml
16) T n-Octacosane (C28)	16.769	5704969	52.814 ug/ml
17) T n-Tricontane (C30)	17.655	5753753	52.896 ug/ml
18) T n-Dotriacontane (C32)	18.488	5634399	54.018 ug/ml
19) T n-Tetratriacontane (C34)	19.270	5563624	60.305 ug/ml
20) T n-Hexatriacontane (C36)	20.009	5243437	66.165 ug/ml
21) T n-Octatriacontane (C38)	20.733	4884812	65.030 ug/ml
22) T n-Tetracontane (C40)	21.623	4229931	60.545 ug/ml

(f)=RT Delta > 1/2 Window

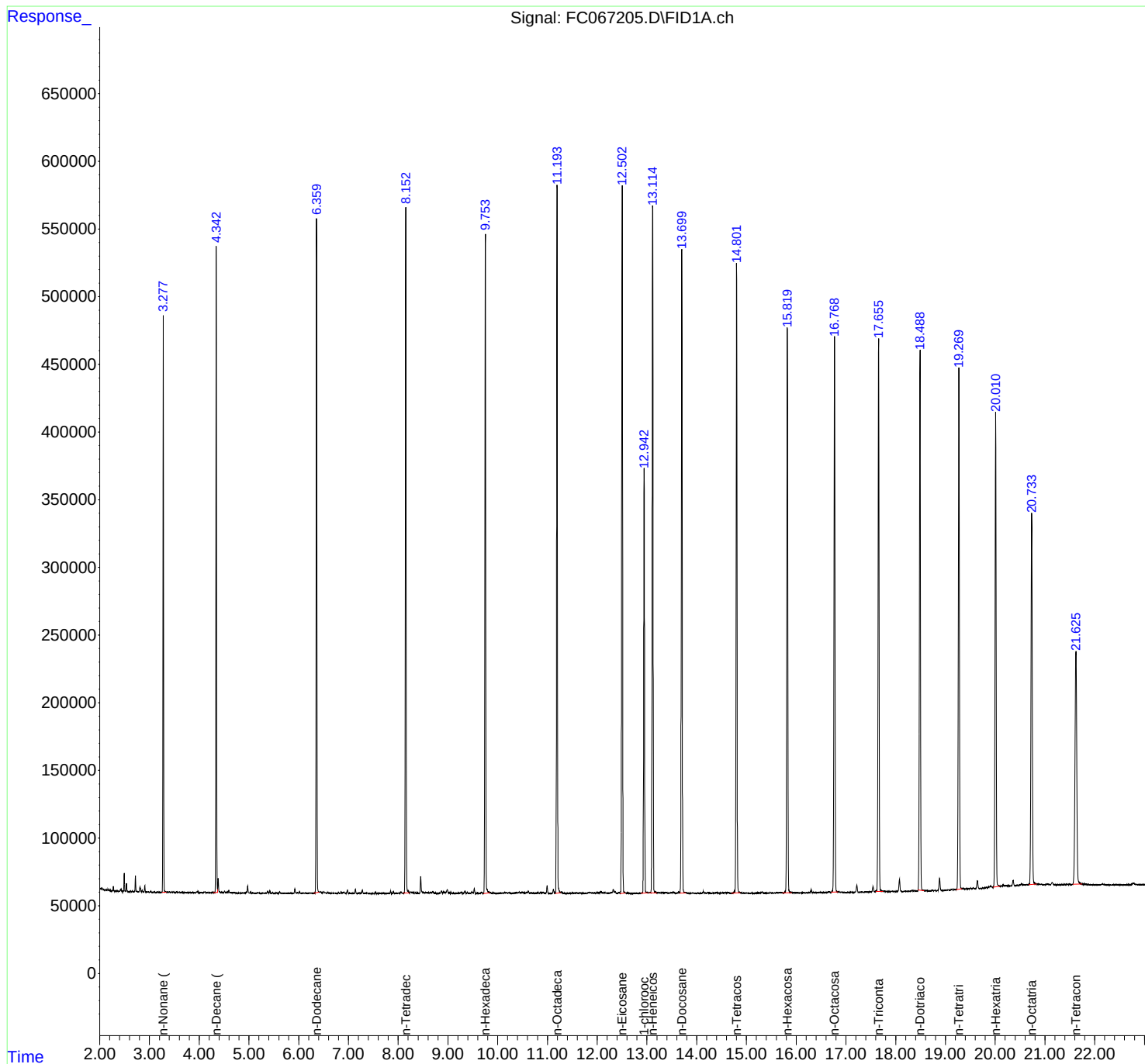
(m)=manual int.

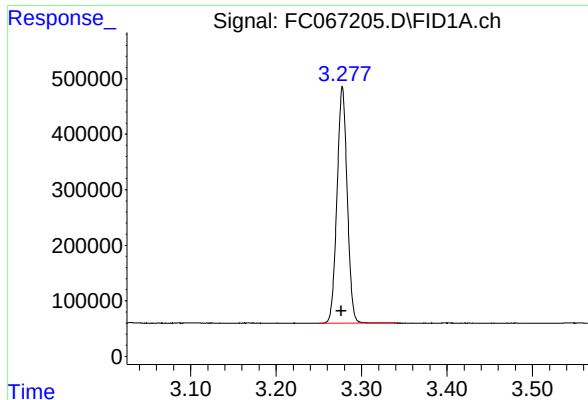
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
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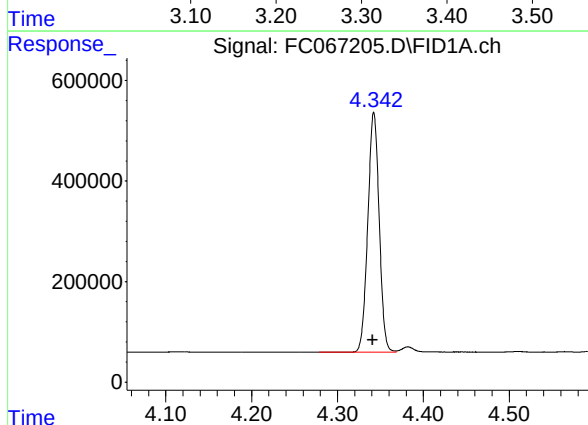




#1 n-Nonane (C9)

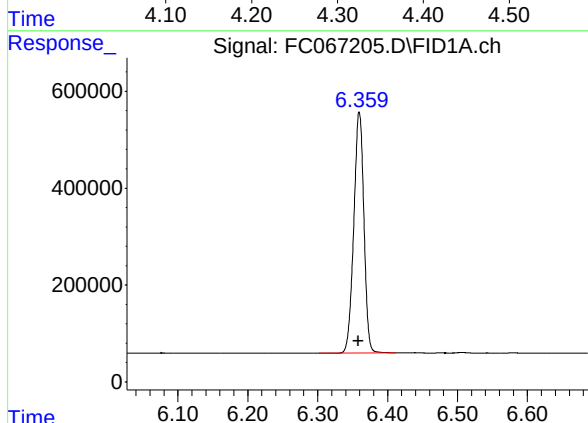
R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 3531422
Conc: 26.62 ug/ml

Instrument :
FID_C
ClientSampleId :
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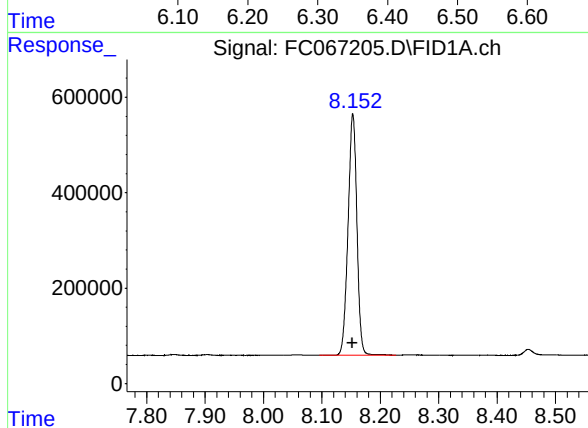
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.001 min
Response: 4383196
Conc: 32.64 ug/ml



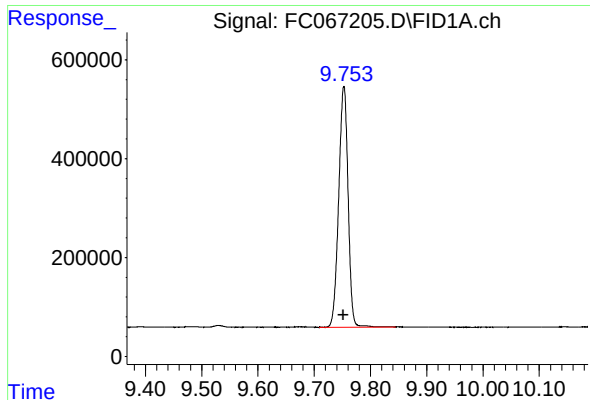
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.001 min
Response: 5008181
Conc: 37.41 ug/ml



#6 n-Tetradecane (C14)

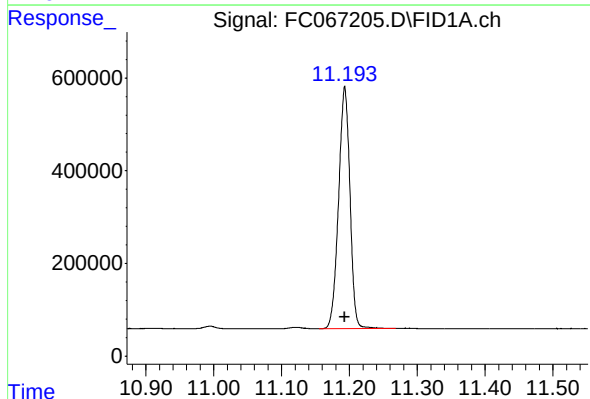
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 5338652
Conc: 41.42 ug/ml



#7 n-Hexadecane (C16)

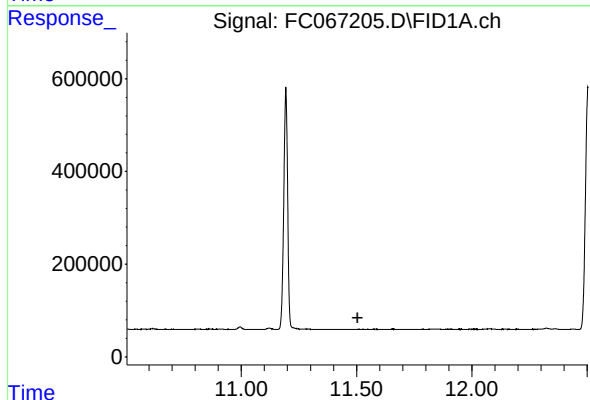
R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 5636730
Conc: 43.72 ug/ml

Instrument :
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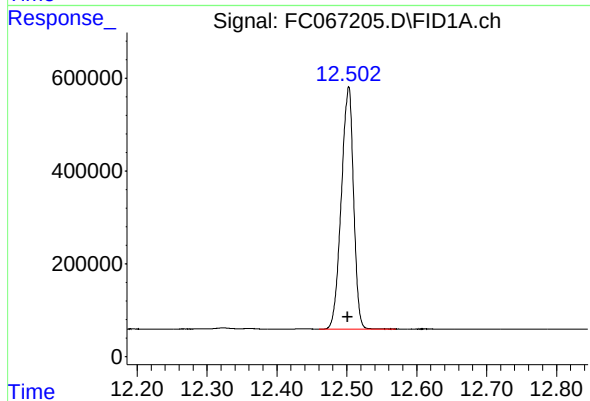
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 6073461
Conc: 47.47 ug/ml



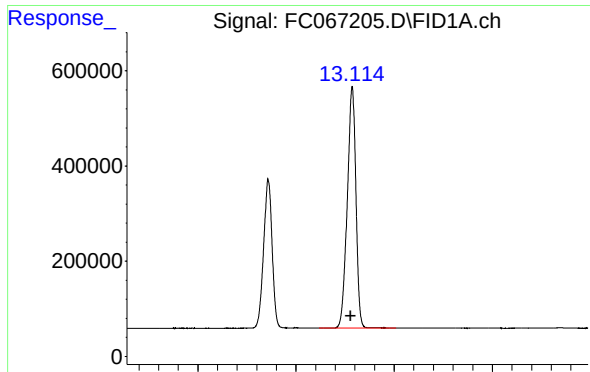
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.504 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

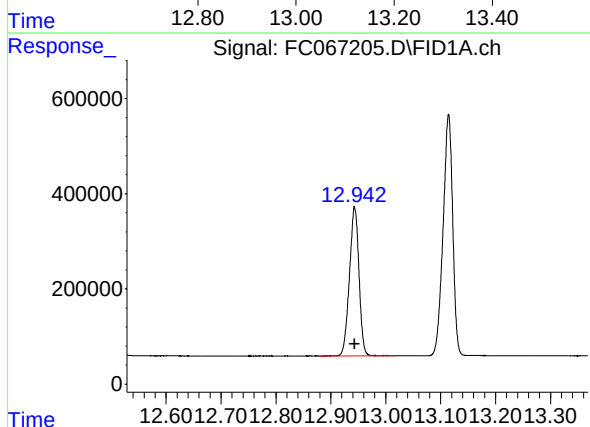
R.T.: 12.502 min
Delta R.T.: 0.001 min
Response: 6372573
Conc: 53.05 ug/ml



#11 n-Heneicosane (C21)

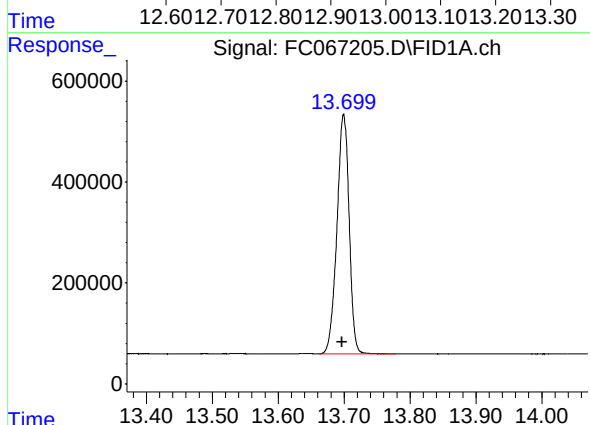
R.T.: 13.114 min
Delta R.T.: 0.003 min
Response: 6199600
Conc: 53.08 ug/ml

Instrument :
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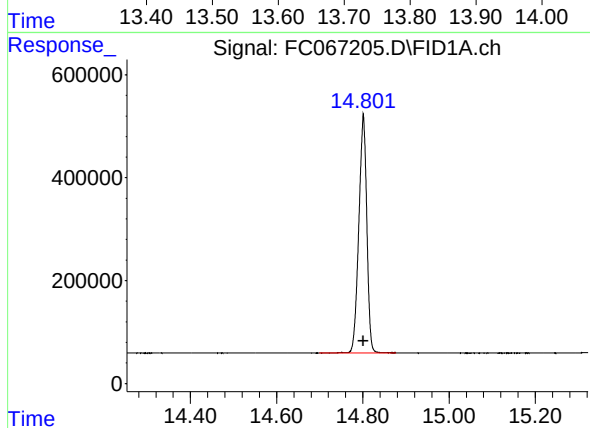
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 3767960
Conc: 38.57 ug/ml



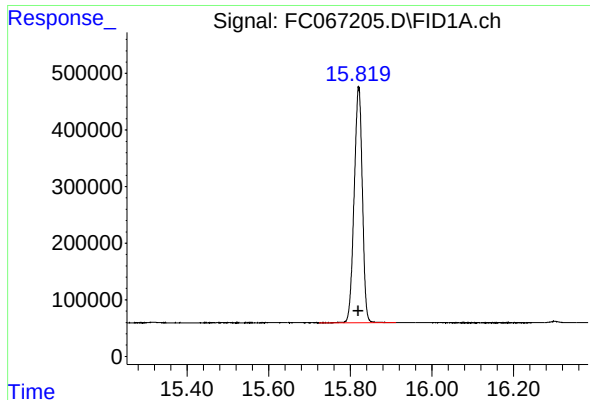
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.002 min
Response: 6110645
Conc: 52.92 ug/ml



#14 n-Tetracosane (C24)

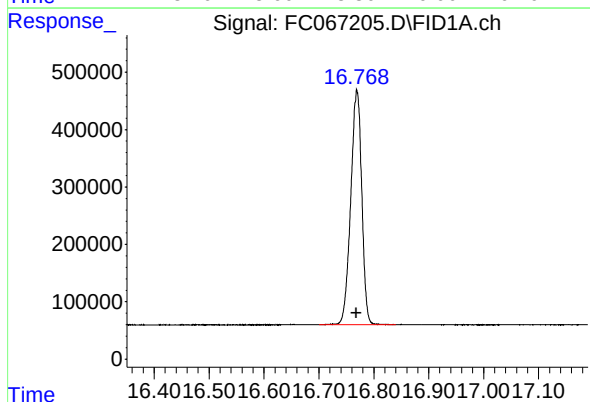
R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 5943874
Conc: 52.34 ug/ml



#15 n-Hexacosane (C26)

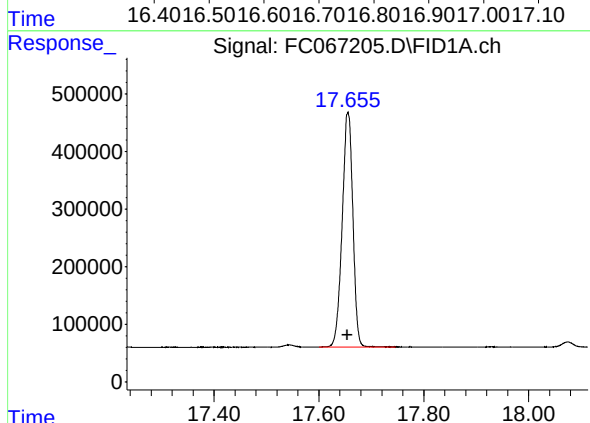
R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 5802994
Conc: 52.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163557BS



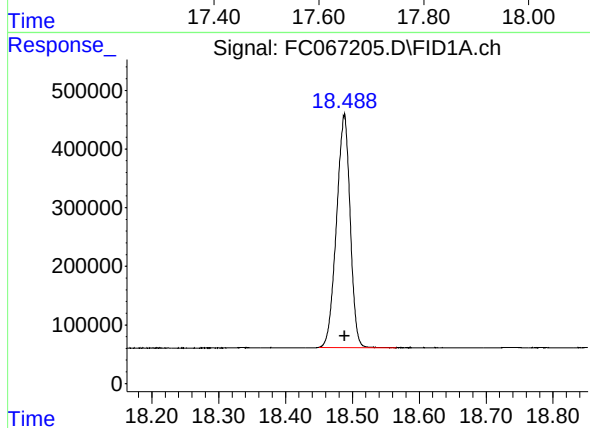
#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: 0.001 min
Response: 5704969
Conc: 52.81 ug/ml



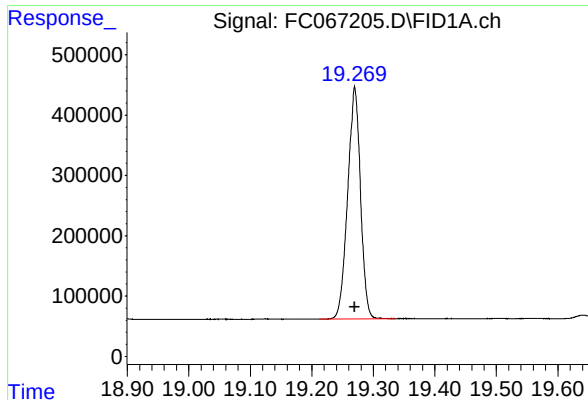
#17 n-Tricontane (C30)

R.T.: 17.655 min
Delta R.T.: 0.001 min
Response: 5753753
Conc: 52.90 ug/ml



#18 n-Dotriacontane (C32)

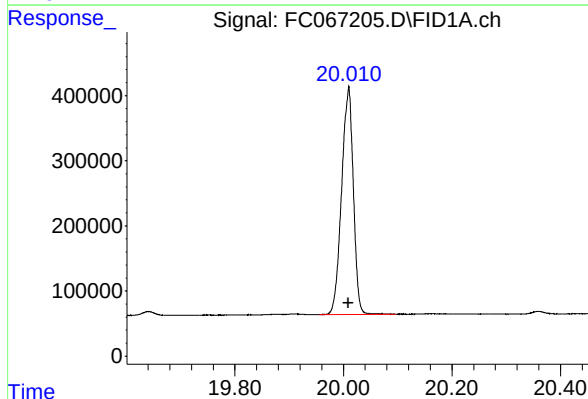
R.T.: 18.488 min
Delta R.T.: 0.000 min
Response: 5634399
Conc: 54.02 ug/ml



#19 n-Tetratriacontane (C34)

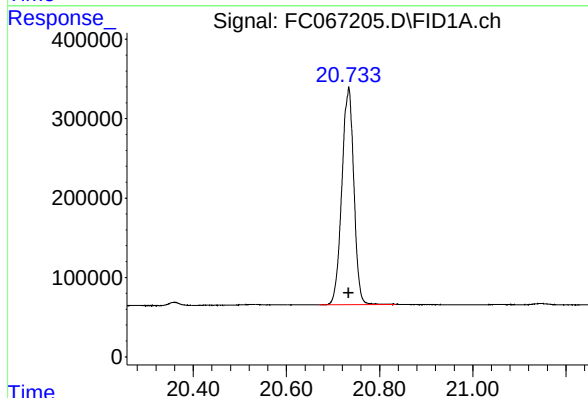
R.T.: 19.270 min
Delta R.T.: 0.000 min
Response: 5563624
Conc: 60.30 ug/ml

Instrument :
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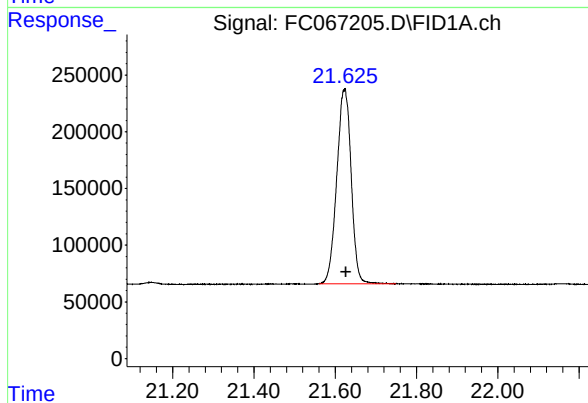
#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 5243437
Conc: 66.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 4884812
Conc: 65.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.004 min
Response: 4229931
Conc: 60.54 ug/ml