

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110424AL\
 Data File : FC067626.D
 Signal(s) : FID1A.ch
 Acq On : 05 Nov 2024 09:04
 Operator : YP/AJ
 Sample : PB164618BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164618BSD

Integration File: autoint1.e
 Quant Time: Nov 05 15:46:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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...	12.929	4345342	40.239 ug/ml
Spiked Amount 50.000		Recovery =	80.48%
Target Compounds			
1) T n-Nonane (C9)	3.270	2768371	20.549 ug/ml
2) T n-Decane (C10)	4.335	3615357	26.536 ug/ml
4) T n-Dodecane (C12)	6.350	4499287	33.219 ug/ml
6) T n-Tetradecane (C14)	8.142	4970360	37.866 ug/ml
7) T n-Hexadecane (C16)	9.740	5283672	39.997 ug/ml
8) T n-Octadecane (C18)	11.180	5596198	42.359 ug/ml
10) T n-Eicosane (C20)	12.487	5823460	46.153 ug/ml
11) T n-Heneicosane (C21)	13.098	5634607	45.656 ug/ml
13) T n-Docosane (C22)	13.682	5612562	45.836 ug/ml
14) T n-Tetracosane (C24)	14.783	5541702	45.720 ug/ml
15) T n-Hexacosane (C26)	15.803	5434081	45.643 ug/ml
16) T n-Octacosane (C28)	16.751	5372753	45.668 ug/ml
17) T n-Tricontane (C30)	17.637	5388400	44.580 ug/ml
18) T n-Dotriacontane (C32)	18.468	5290623	44.714 ug/ml
19) T n-Tetratriacontane (C34)	19.250	5122893	48.916 ug/ml
20) T n-Hexatriacontane (C36)	19.988	4774494	52.451 ug/ml
21) T n-Octatriacontane (C38)	20.709	4495677	51.912 ug/ml
22) T n-Tetracontane (C40)	21.591	4214044	49.571 ug/ml

(f)=RT Delta > 1/2 Window

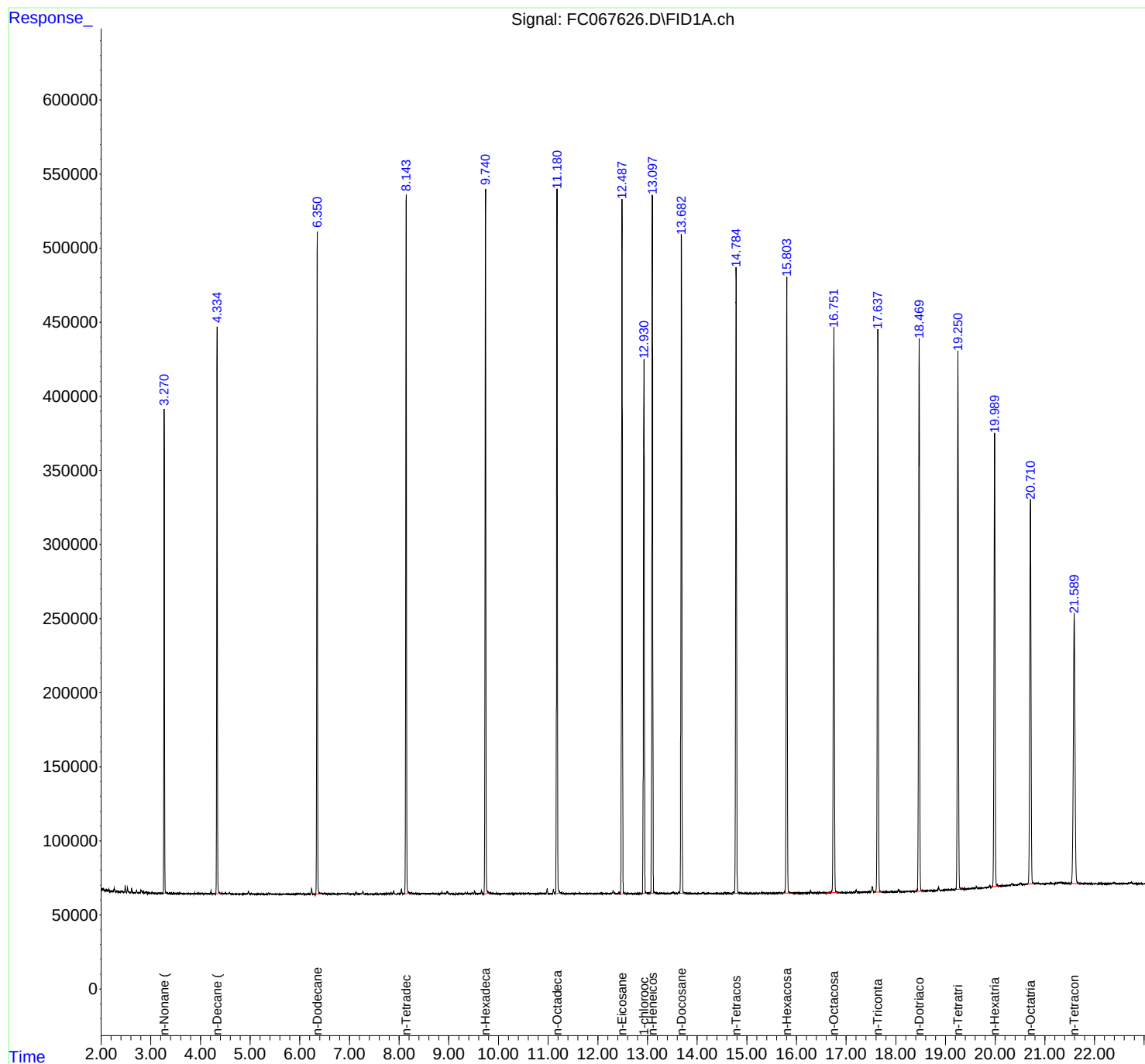
(m)=manual int.

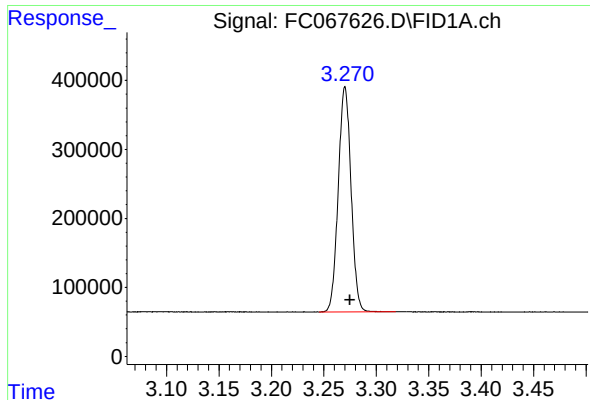
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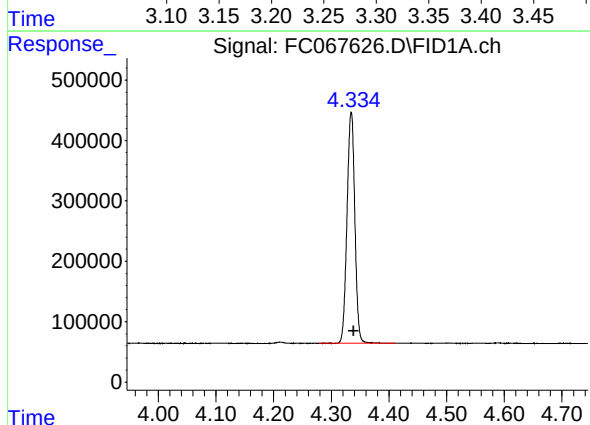




#1 n-Nonane (C9)

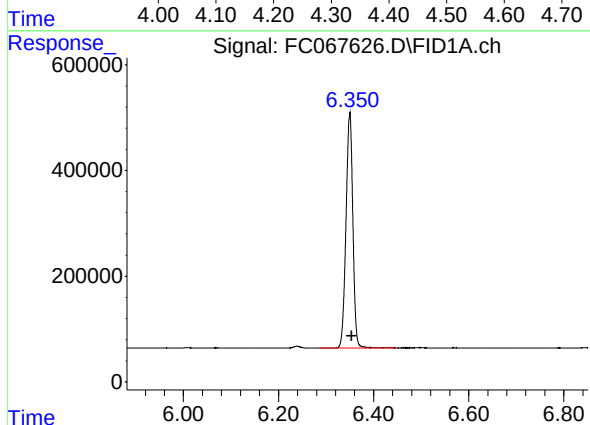
R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 2768371
Conc: 20.55 ug/ml

Instrument :
FID_C
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PB164618BSD



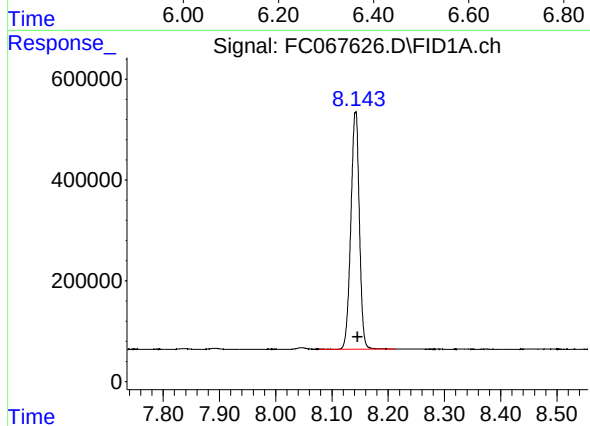
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.004 min
Response: 3615357
Conc: 26.54 ug/ml



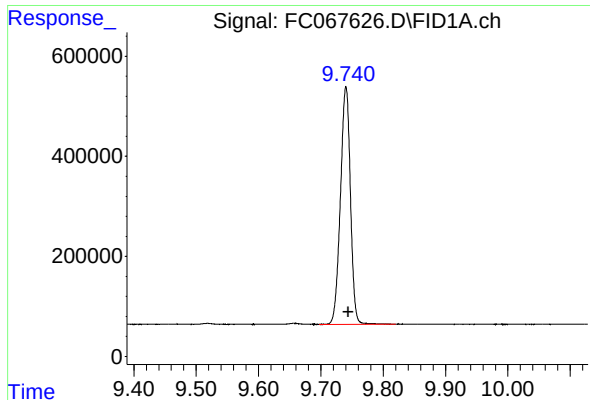
#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 4499287
Conc: 33.22 ug/ml



#6 n-Tetradecane (C14)

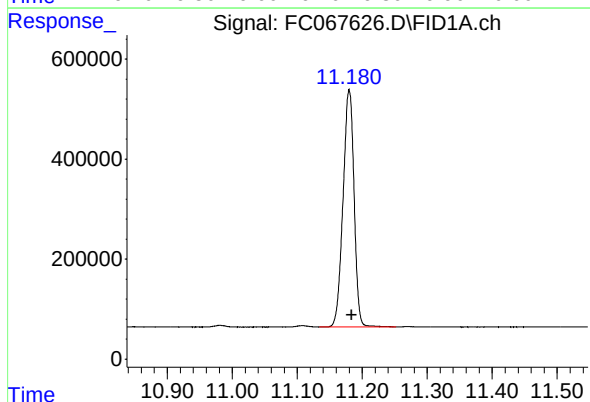
R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 4970360
Conc: 37.87 ug/ml



#7 n-Hexadecane (C16)

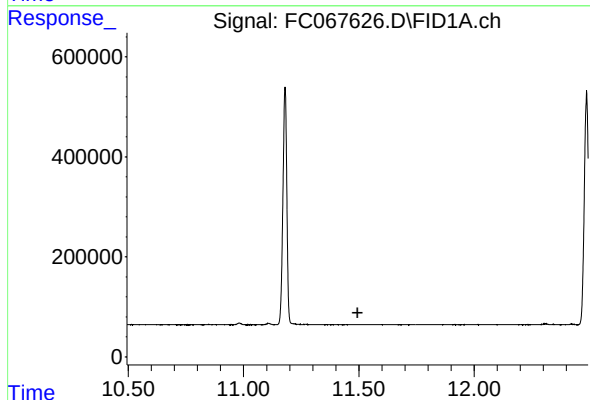
R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 5283672
Conc: 40.00 ug/ml

Instrument :
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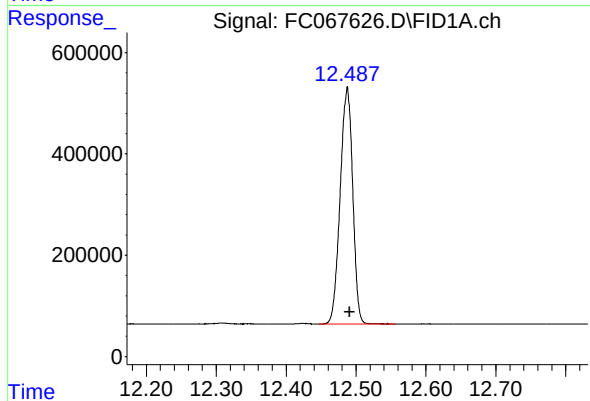
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: -0.004 min
Response: 5596198
Conc: 42.36 ug/ml



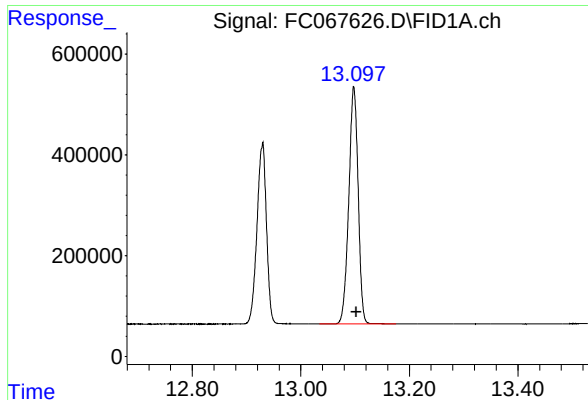
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.494 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

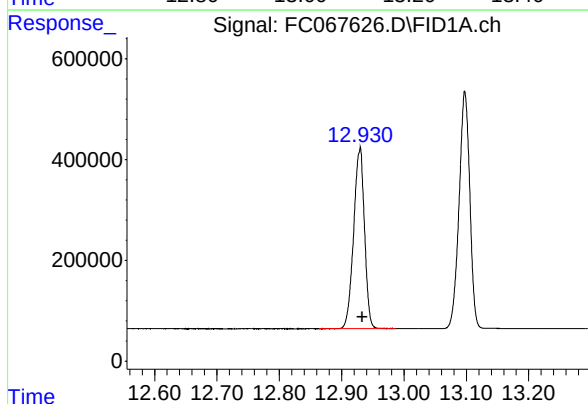
R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 5823460
Conc: 46.15 ug/ml



#11 n-Heneicosane (C21)

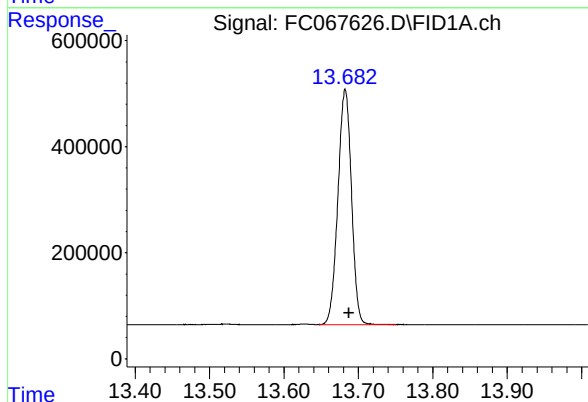
R.T.: 13.098 min
Delta R.T.: -0.004 min
Response: 5634607
Conc: 45.66 ug/ml

Instrument :
FID_C
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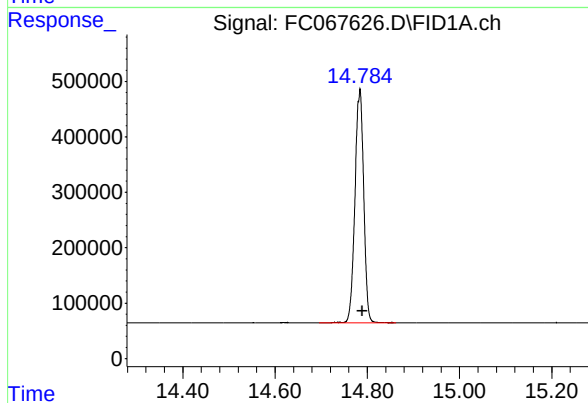
#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: -0.004 min
Response: 4345342
Conc: 40.24 ug/ml



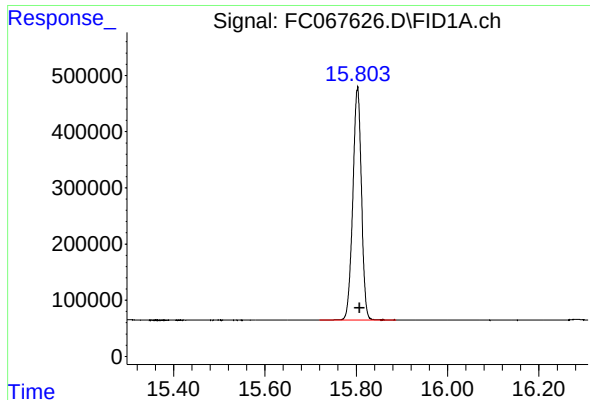
#13 n-Docosane (C22)

R.T.: 13.682 min
Delta R.T.: -0.005 min
Response: 5612562
Conc: 45.84 ug/ml



#14 n-Tetracosane (C24)

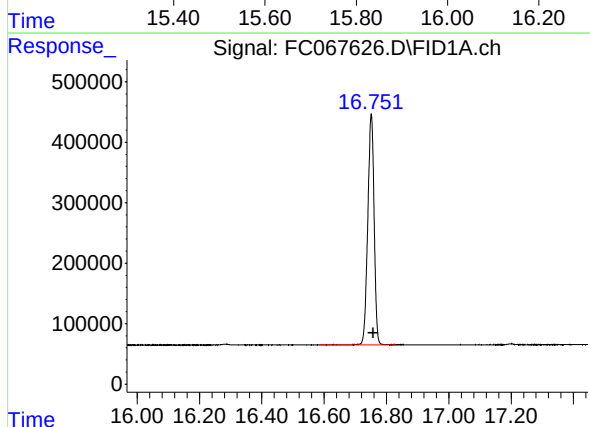
R.T.: 14.783 min
Delta R.T.: -0.006 min
Response: 5541702
Conc: 45.72 ug/ml



#15 n-Hexacosane (C26)

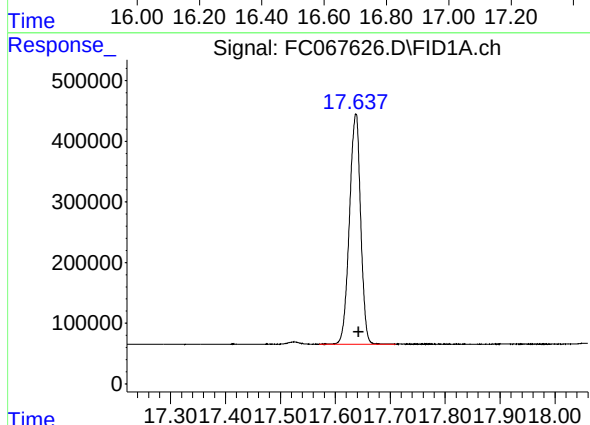
R.T.: 15.803 min
Delta R.T.: -0.005 min
Response: 5434081
Conc: 45.64 ug/ml

Instrument :
FID_C
ClientSampleId :
PB164618BSD



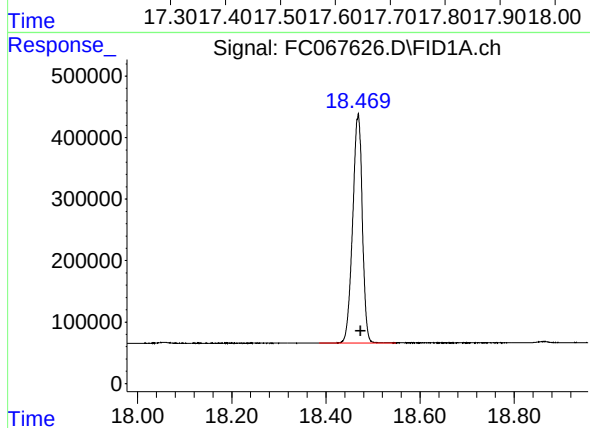
#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.006 min
Response: 5372753
Conc: 45.67 ug/ml



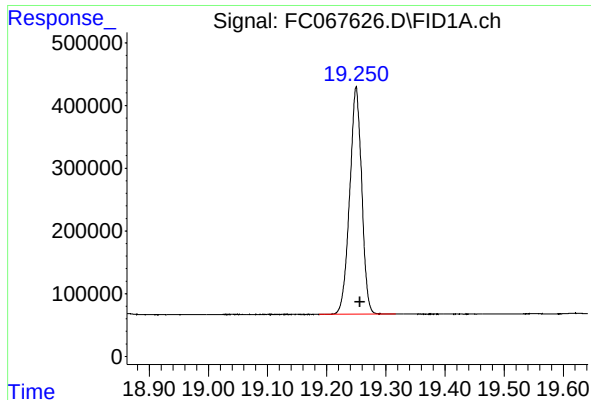
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.006 min
Response: 5388400
Conc: 44.58 ug/ml



#18 n-Dotriacontane (C32)

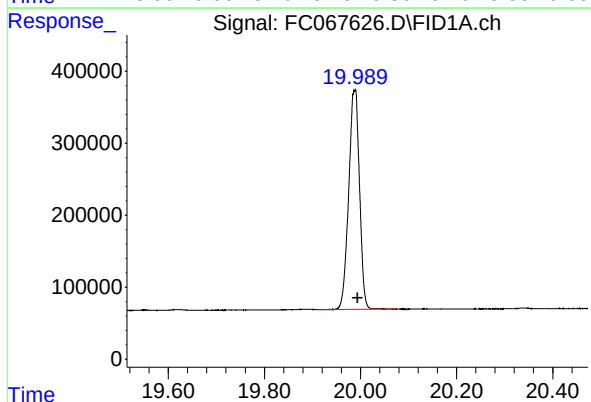
R.T.: 18.468 min
Delta R.T.: -0.006 min
Response: 5290623
Conc: 44.71 ug/ml



#19 n-Tetratriacontane (C34)

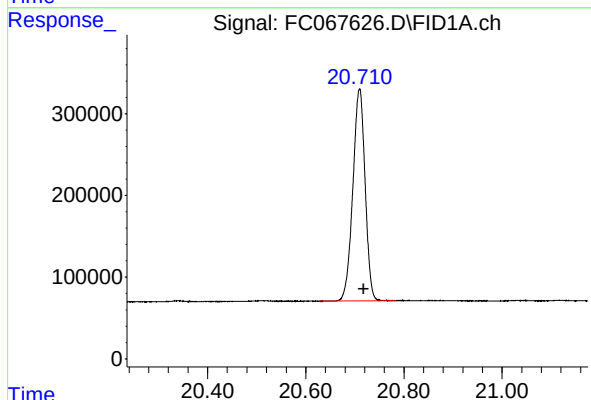
R.T.: 19.250 min
Delta R.T.: -0.006 min
Response: 5122893
Conc: 48.92 ug/ml

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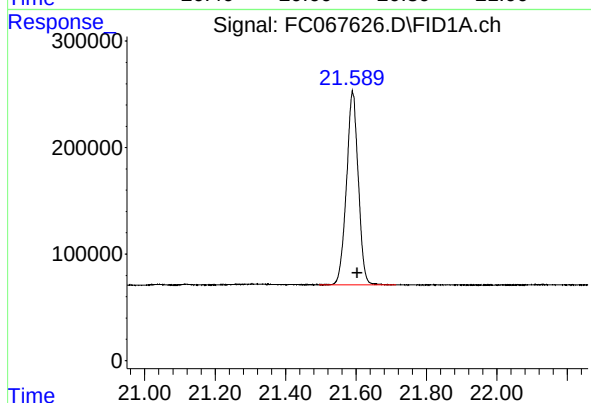
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.007 min
Response: 4774494
Conc: 52.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: -0.008 min
Response: 4495677
Conc: 51.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: -0.013 min
Response: 4214044
Conc: 49.57 ug/ml